

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064797.D
 Acq On : 24 Nov 2020 1:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:33 PM

Quant Time: Nov 24 04:52:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	279010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108598	48.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.28%
35) Dibromofluoromethane	7.55	113	93451	51.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.90%
50) Toluene-d8	10.06	98	362893	48.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.78%
62) 4-Bromofluorobenzene	12.37	95	130000	48.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.88%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	77215	46.389	ug/l 98
3) Chloromethane	2.04	50	99135	45.831	ug/l 98
4) Vinyl Chloride	2.17	62	105938	46.977	ug/l 99
5) Bromomethane	2.53	94	70043	47.341	ug/l 100
6) Chloroethane	2.68	64	67138	48.134	ug/l 98
7) Trichlorofluoromethane	2.99	101	147459	47.303	ug/l 99
8) Diethyl Ether	3.37	74	59493	48.350	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	87771	46.936	ug/l 99
10) Methyl Iodide	3.91	142	119805	49.392	ug/l 99
11) Tert butyl alcohol	4.74	59	71041	204.018	ug/l 100
12) 1,1-Dichloroethene	3.69	96	89531	48.073	ug/l 99
13) Acrolein	3.57	56	52038	244.664	ug/l 99
14) Allyl chloride	4.27	41	142866	46.510	ug/l 99
15) Acrylonitrile	4.93	53	222963	231.786	ug/l 99
16) Acetone	3.78	43	176435	240.381	ug/l 100
17) Carbon Disulfide	4.01	76	227993	47.414	ug/l 99
18) Methyl Acetate	4.28	43	101179	45.849	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	293665	49.165	ug/l 100
20) Methylene Chloride	4.50	84	105174	45.728	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	96634	46.724	ug/l 99
22) Diisopropyl ether	5.90	45	311255	50.625	ug/l 99
23) Vinyl Acetate	5.85	43	1231121	250.401	ug/l 99
24) 1,1-Dichloroethane	5.80	63	181521	49.402	ug/l 99
25) 2-Butanone	6.79	43	280925	236.107	ug/l 96
26) 2,2-Dichloropropane	6.78	77	130235	40.867	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	112713	48.432	ug/l 99
28) Bromochloromethane	7.15	49	81127	48.263	ug/l 99
29) Tetrahydrofuran	7.16	42	188951	230.057	ug/l 100
30) Chloroform	7.33	83	187204	49.405	ug/l 97
31) Cyclohexane	7.61	56	143776	46.201	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	158801	48.795	ug/l 99
36) 1,1-Dichloropropene	7.75	75	135052	47.996	ug/l 99
37) Ethyl Acetate	6.88	43	120123	44.319	ug/l 98
38) Carbon Tetrachloride	7.73	117	143587	49.043	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	143978	47.532	ug/l	98
40) Benzene	8.00	78	417365	48.404	ug/l	99
41) Methacrylonitrile	7.13	41	56700	45.336	ug/l	92
42) 1,2-Dichloroethane	8.08	62	137775	47.366	ug/l	100
43) Isopropyl Acetate	8.13	43	197701	45.329	ug/l	100
44) Trichloroethene	8.80	130	119435	46.946	ug/l	100
45) 1,2-Dichloropropane	9.08	63	109979	49.253	ug/l	98
46) Dibromomethane	9.17	93	72144	48.362	ug/l	99
47) Bromodichloromethane	9.37	83	145831	48.585	ug/l	98
48) Methyl methacrylate	9.16	41	99185	47.592	ug/l	99
49) 1,4-Dioxane	9.16	88	33281	844.931	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	612544	233.940	ug/l	99
52) Toluene	10.12	92	264509	49.813	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	156099	46.692	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	171245	47.788	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	104941	48.060	ug/l	94
56) Ethyl methacrylate	10.40	69	147764	49.039	ug/l	99
57) 1,3-Dichloropropane	10.68	76	172205	47.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	414249	249.927	ug/l	100
59) 2-Hexanone	10.72	43	434842	230.758	ug/l	100
60) Dibromochloromethane	10.87	129	120194	49.520	ug/l	98
61) 1,2-Dibromoethane	10.97	107	107533	48.473	ug/l	99
64) Tetrachloroethene	10.60	164	125399	46.196	ug/l	99
65) Chlorobenzene	11.40	112	286345	47.791	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	109389	49.678	ug/l	99
67) Ethyl Benzene	11.48	91	489075	48.861	ug/l	99
68) m/p-Xylenes	11.59	106	381717	100.726	ug/l	99
69) o-Xylene	11.92	106	183712	51.085	ug/l	99
70) Styrene	11.94	104	314441	51.794	ug/l	99
71) Bromoform	12.10	173	82957	47.169	ug/l #	100
73) Isopropylbenzene	12.22	105	483385	50.182	ug/l	100
74) N-amyl acetate	12.04	43	178581	47.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	129498	45.866	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	131526m	44.101	ug/l	
77) Bromobenzene	12.50	156	123100	47.402	ug/l	98
78) n-propylbenzene	12.56	91	544144	49.587	ug/l	99
79) 2-Chlorotoluene	12.65	91	323163	47.642	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	410700	51.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	47498	43.649	ug/l	97
82) 4-Chlorotoluene	12.75	91	340594	47.903	ug/l	99
83) tert-Butylbenzene	12.97	119	344189	51.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	419616	51.835	ug/l	99
85) sec-Butylbenzene	13.14	105	451109	50.626	ug/l	100
86) p-Isopropyltoluene	13.26	119	421239	51.925	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	217588	47.159	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	218917	44.865	ug/l	100
89) n-Butylbenzene	13.59	91	343425	48.205	ug/l	99
90) Hexachloroethane	13.85	117	70118	49.754	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	213521	47.131	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27445	43.201	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	123036	43.902	ug/l	99
94) Hexachlorobutadiene	14.98	225	58479	46.365	ug/l	99
95) Naphthalene	15.10	128	372481	44.364	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122541	46.123	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

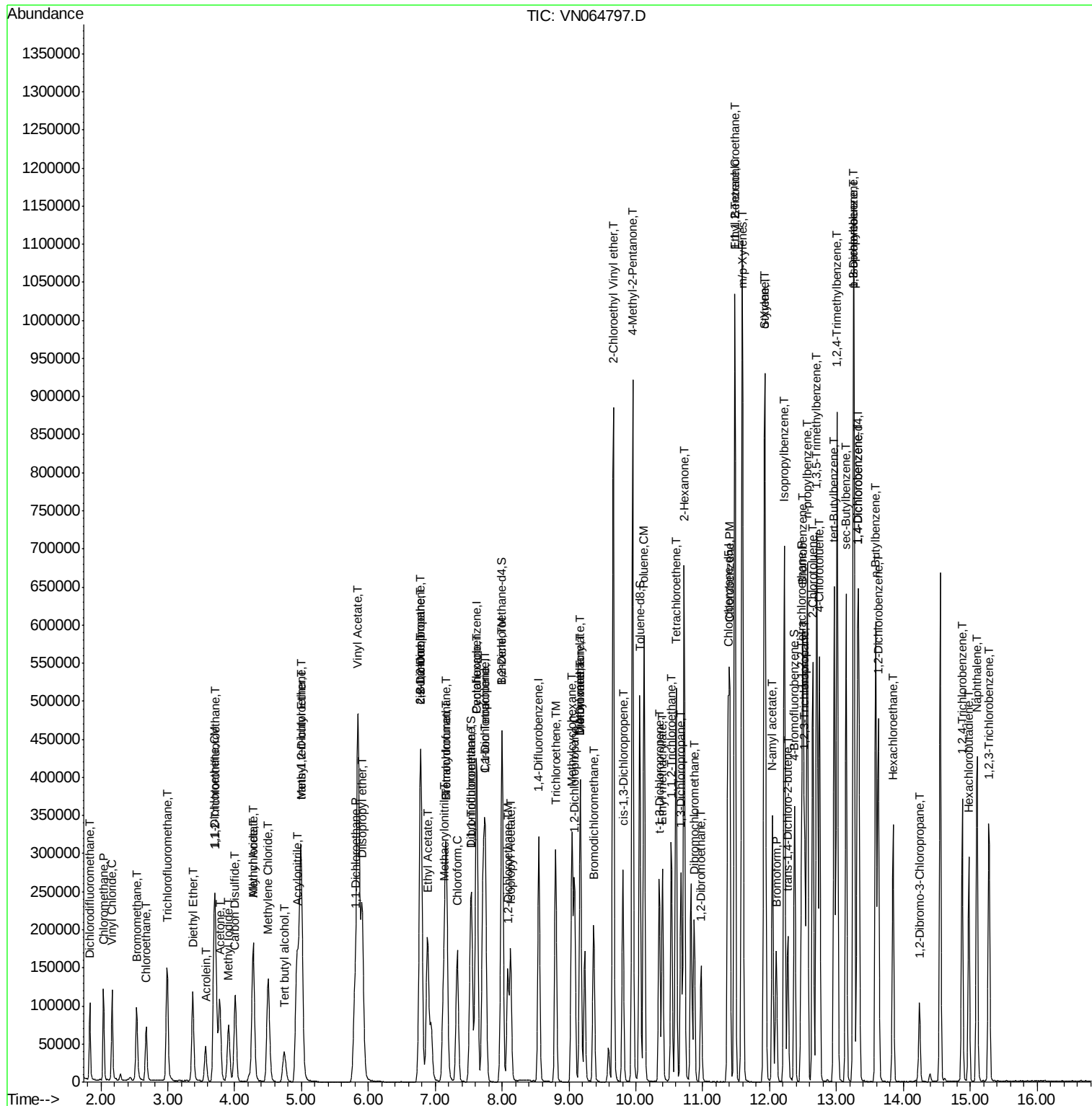
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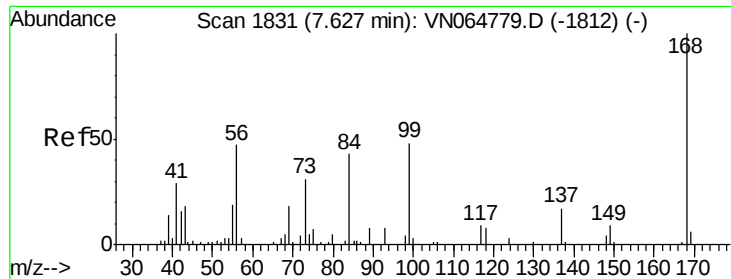
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 192057

Ion Ratio Lower Upper

168 100

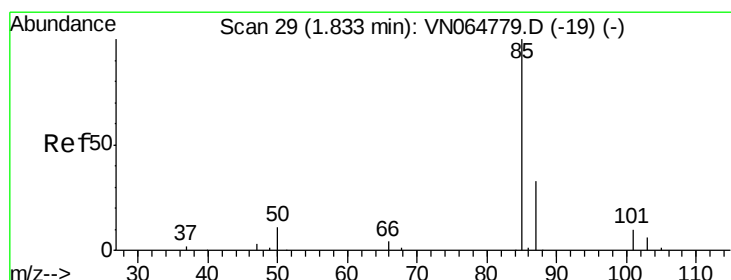
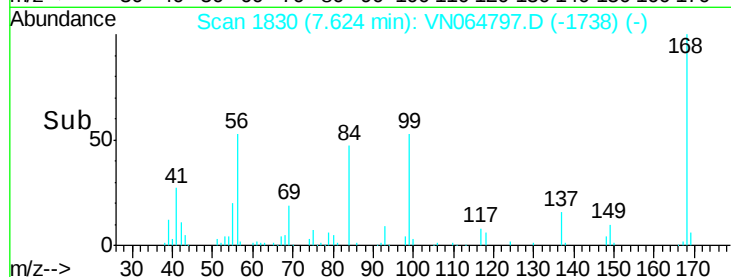
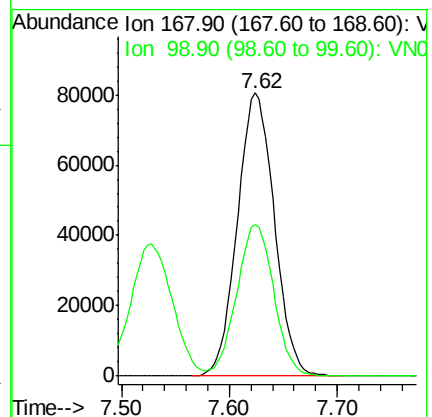
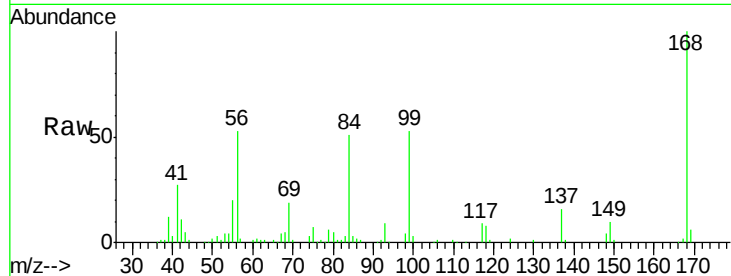
99 53.1 43.0 64.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.389 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064797.D

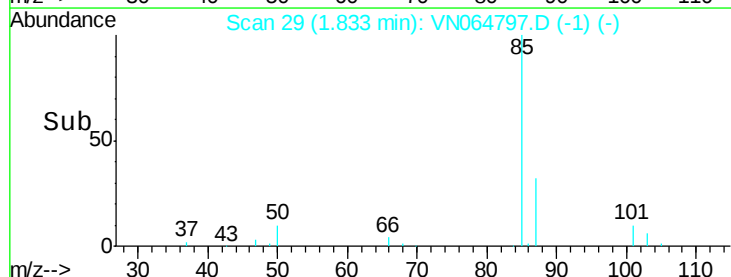
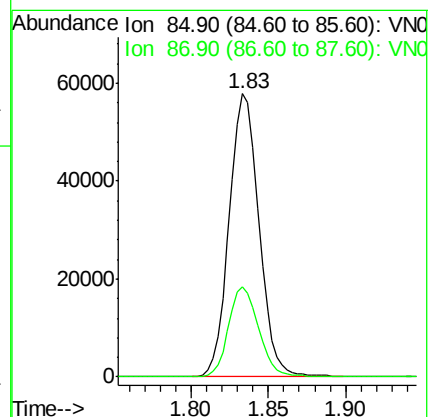
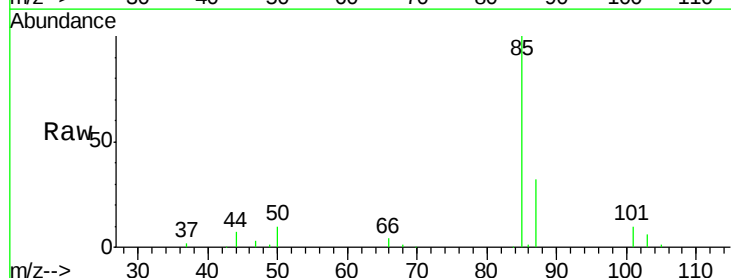
Acq: 24 Nov 2020 1:57

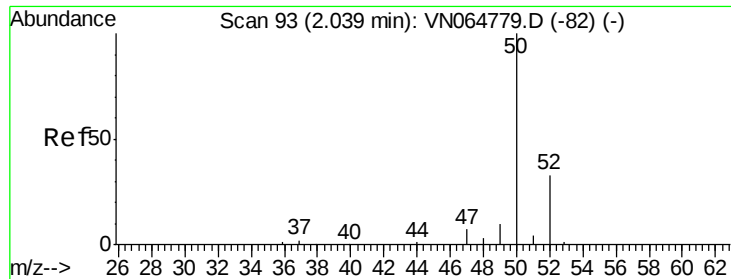
Tgt Ion: 85 Resp: 77215

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.4





#3

Chloromethane

Concen: 45.831 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 99135

Ion Ratio Lower Upper

50 100

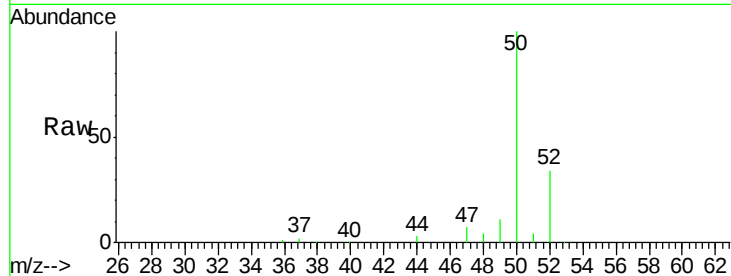
52 34.3 26.6 39.8

Manual Integrations

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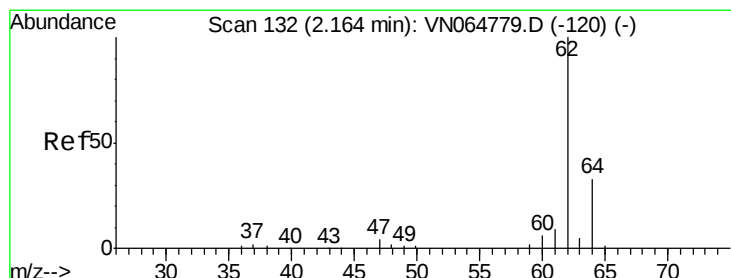
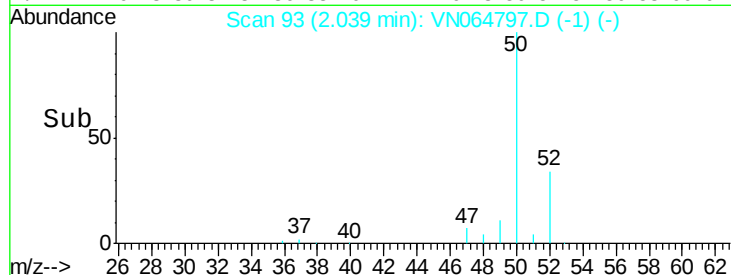
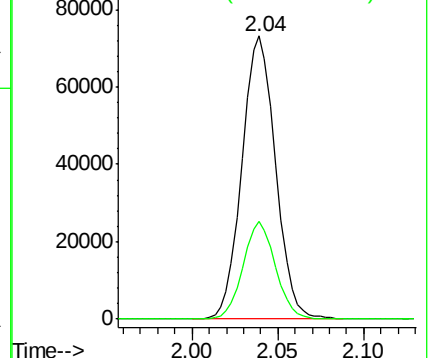
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.977 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064797.D

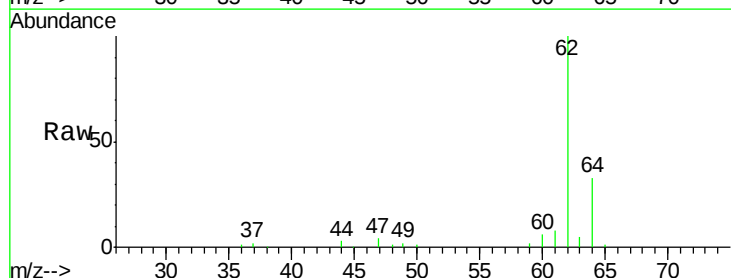
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Tgt Ion: 62 Resp: 105938

Ion Ratio Lower Upper

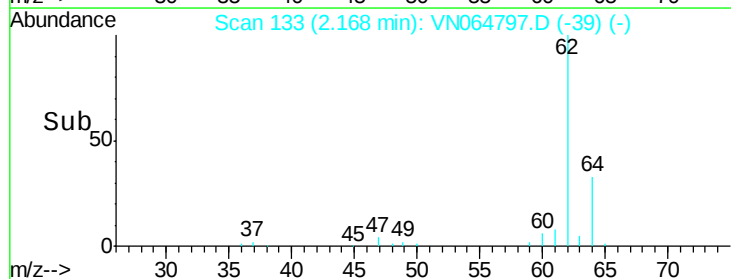
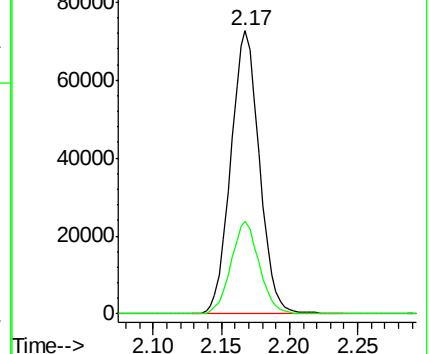
62 100

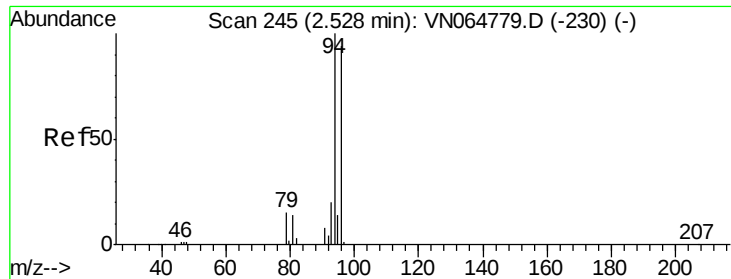
64 32.6 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.341 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

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ClientSampleId :

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Tot Ion: 94 Resp: 70043

Ion Ratio Lower Upper

94 100

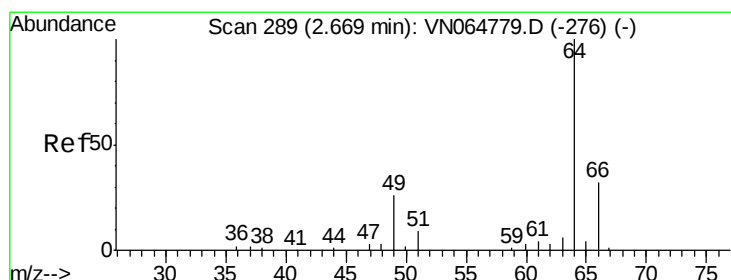
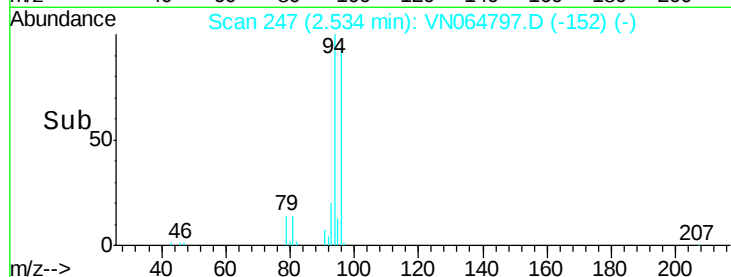
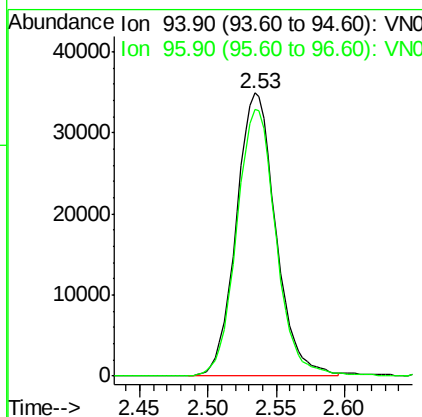
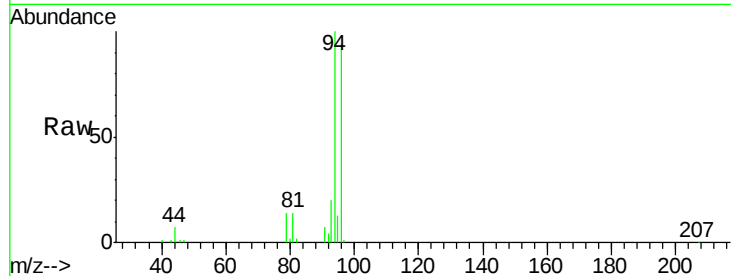
96 94.2 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 48.134 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064797.D

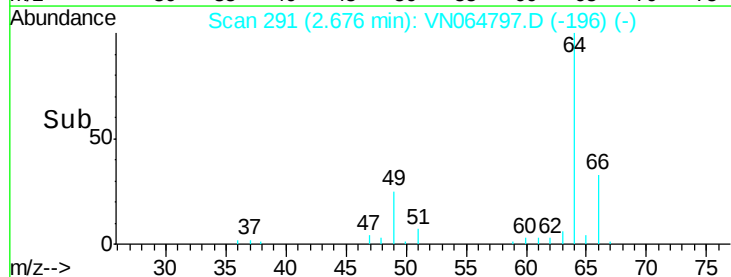
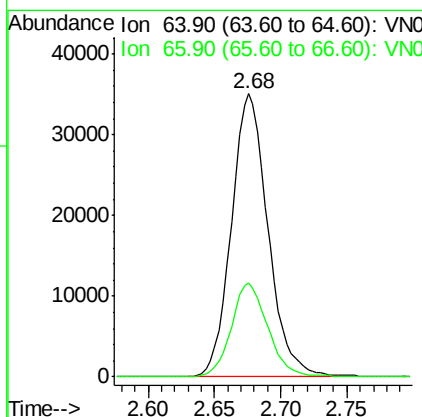
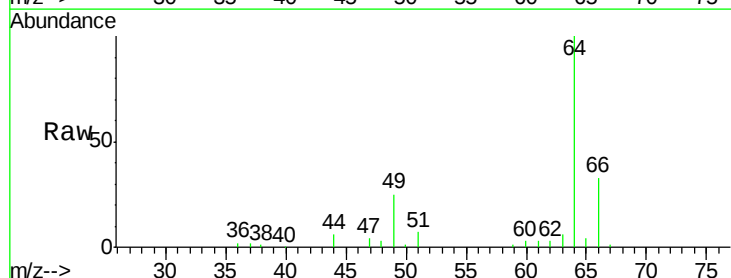
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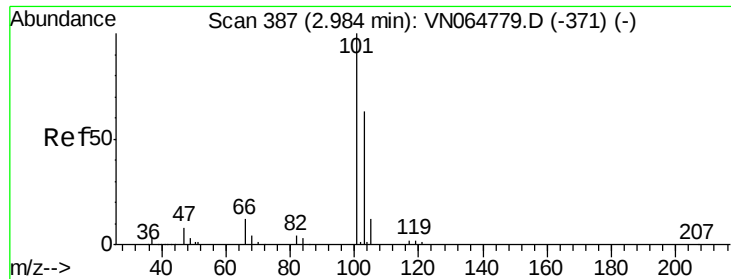
Tgt Ion: 64 Resp: 67138

Ion Ratio Lower Upper

64 100

66 33.2 25.6 38.4





#7

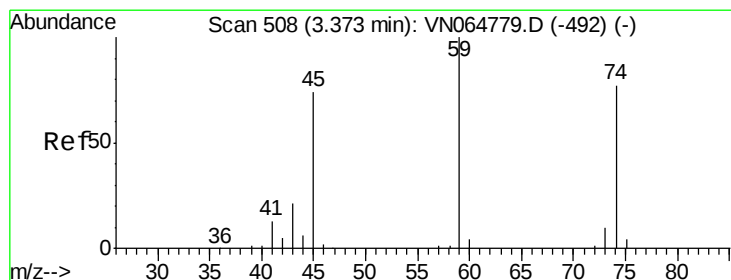
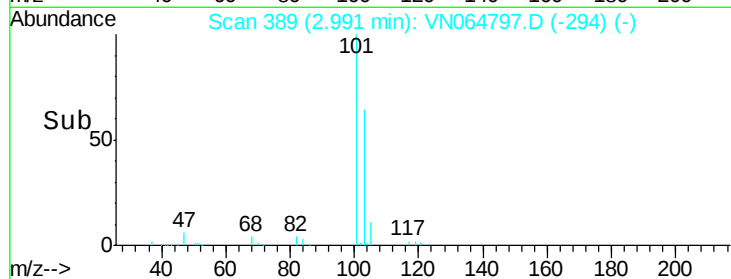
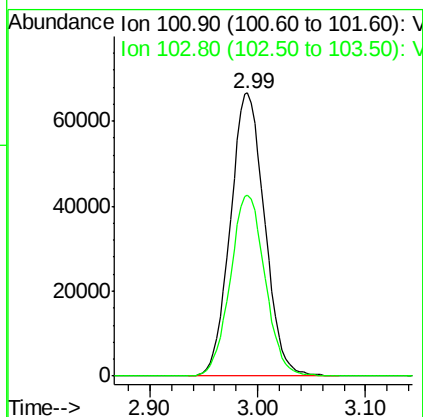
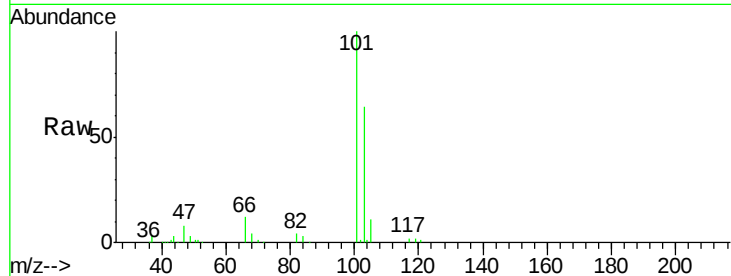
Trichlorofluoromethane
Concen: 47.303 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.01 min
Lab File: VN064797.D
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Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	147459		
103	64.1	50.5	75.7	

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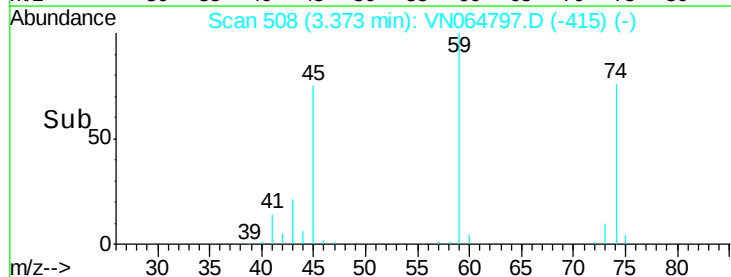
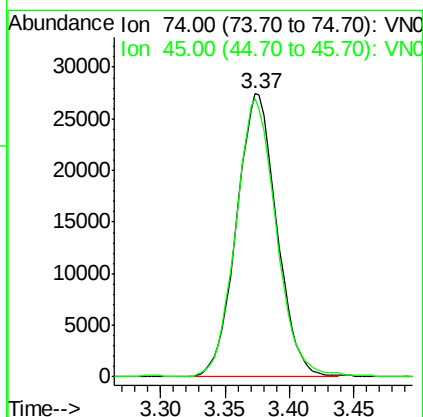
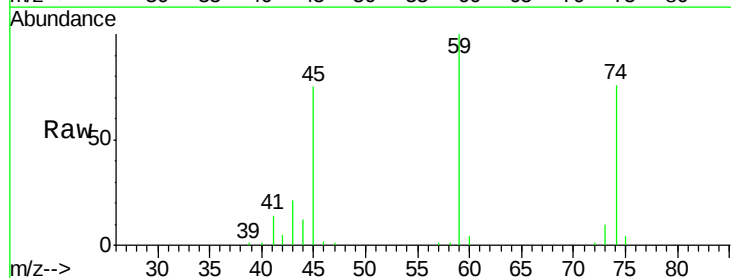
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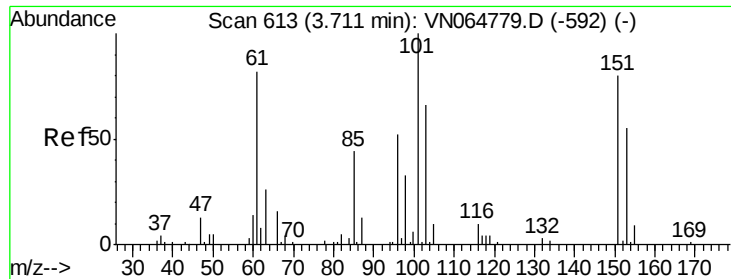


#8

Diethyl Ether
Concen: 48.350 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	59493		
45	99.0	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.936 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

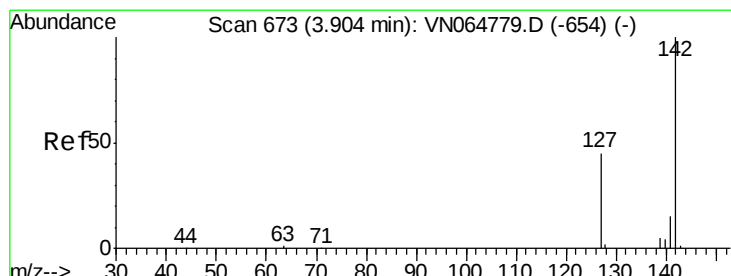
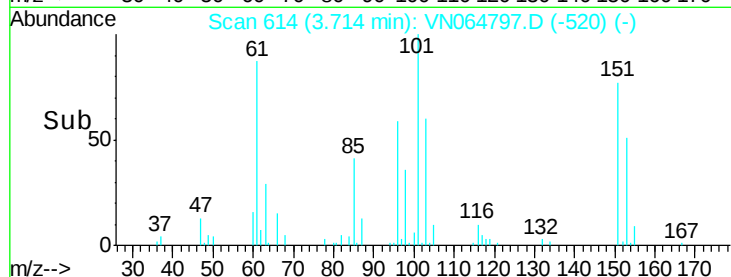
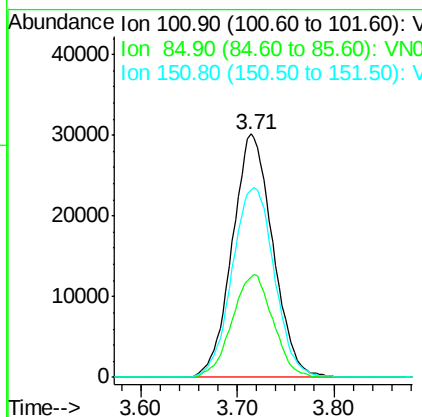
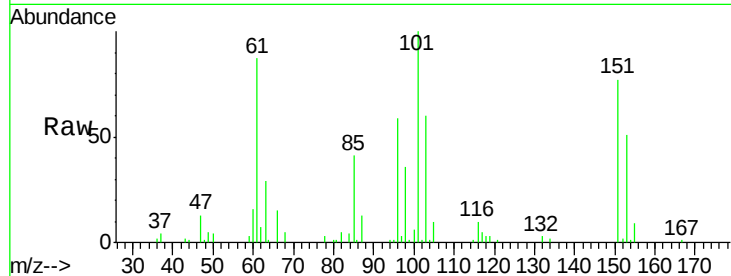
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	87771
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	81.2	64.0	96.0

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#10

Methyl Iodide

Concen: 49.392 ug/l

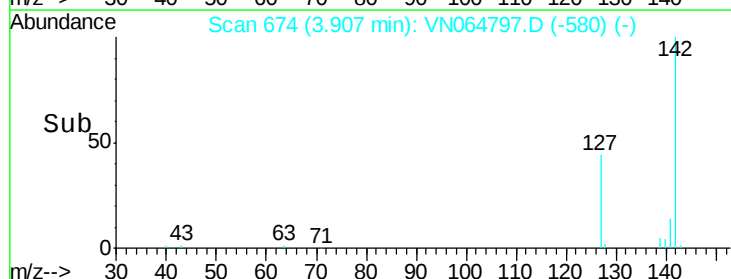
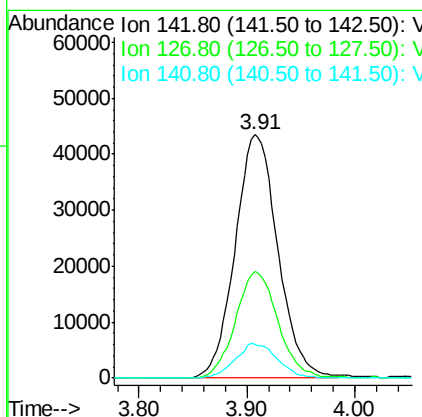
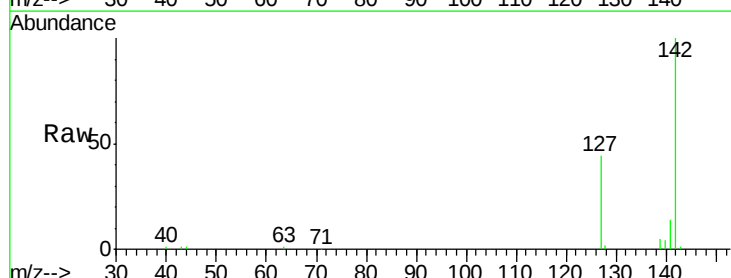
RT: 3.91 min Scan# 674

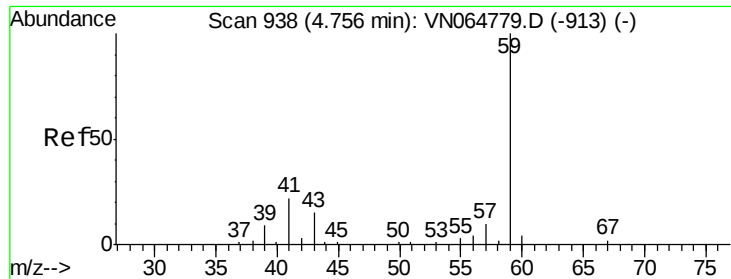
Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion:	142	Resp:	119805
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.0	52.6
141	13.9	11.8	17.6





#11

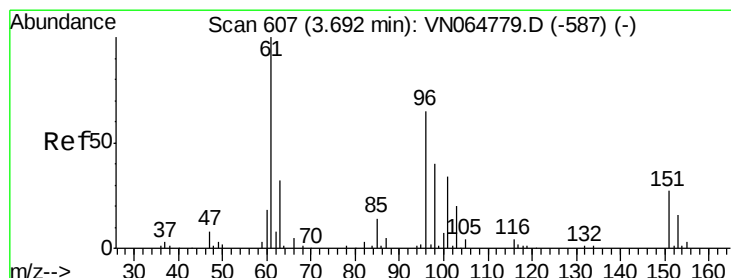
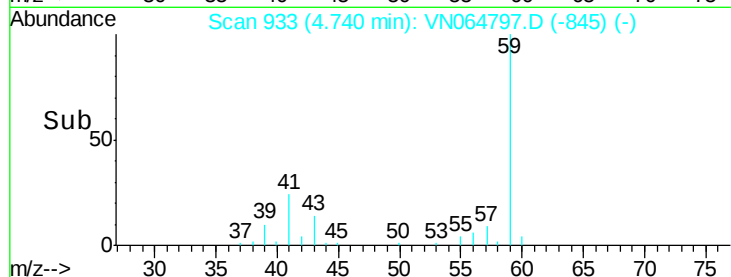
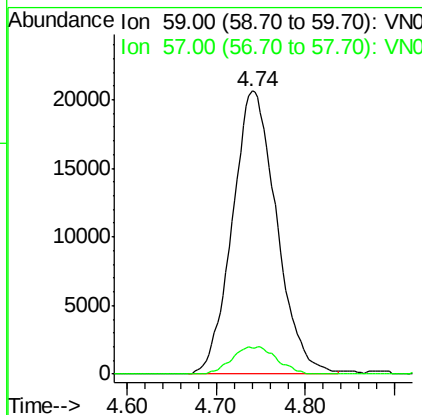
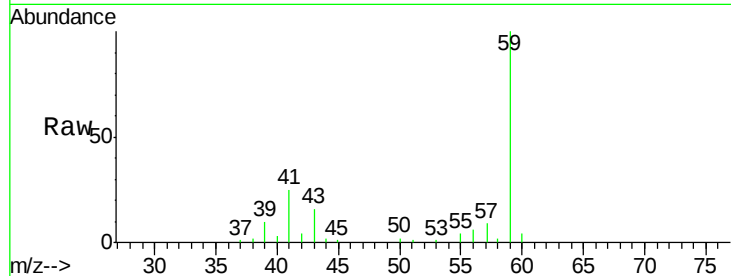
Tert butyl alcohol
Concen: 204.018 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.02 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.9	11.9

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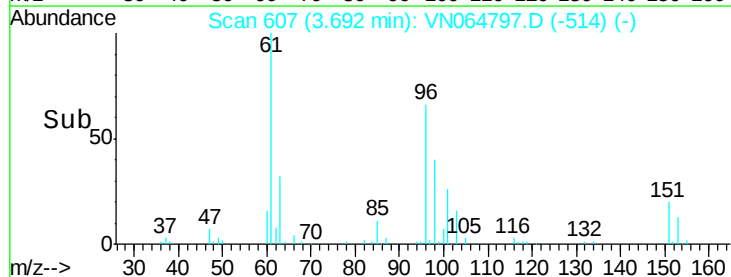
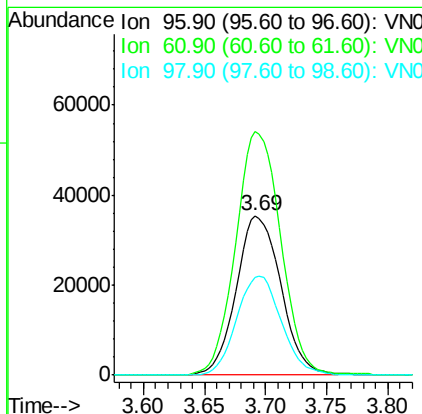
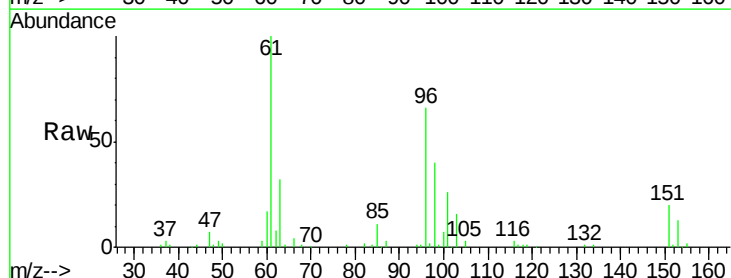
MMDadoda
11/24/2020 3:01:33 PM

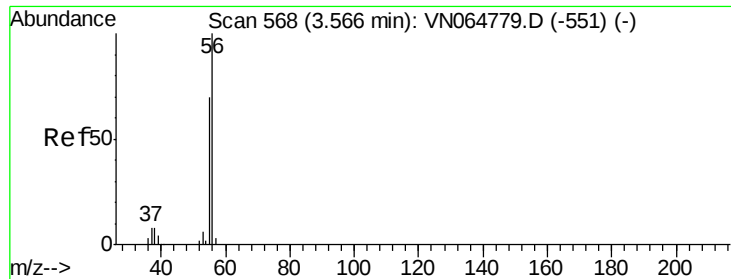


#12

1,1-Dichloroethene
Concen: 48.073 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.6	123.4	185.2
98	61.3	49.8	74.8





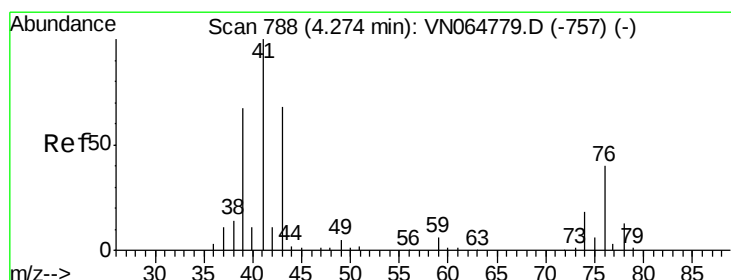
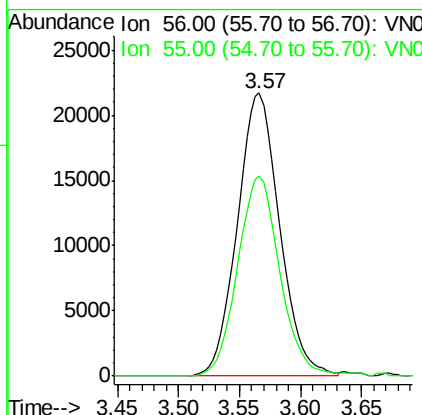
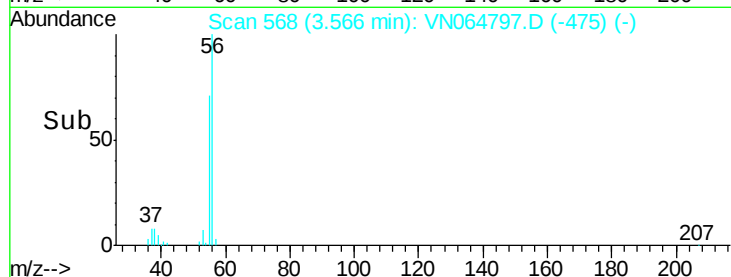
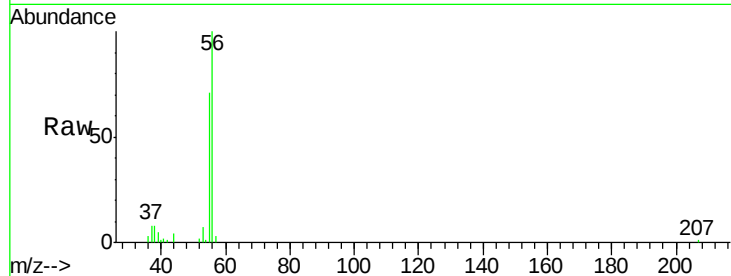
#13
Acrolein
Concen: 244.664 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	52038
Ion Ratio	100	Lower	Upper
55	70.2	56.5	84.7

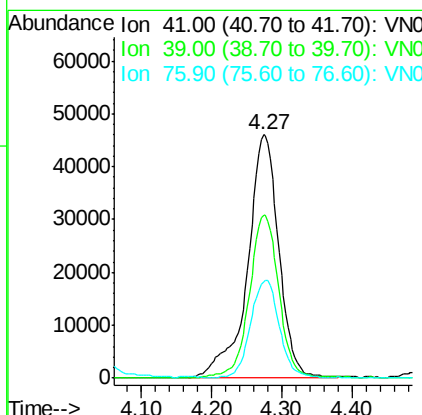
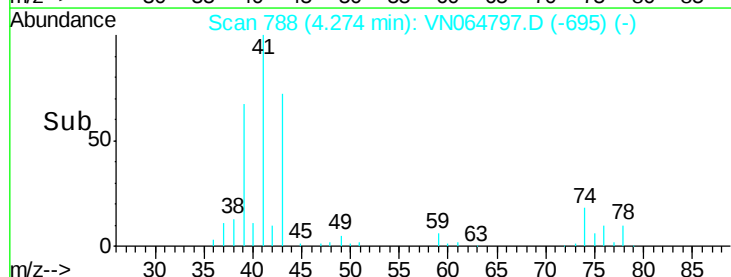
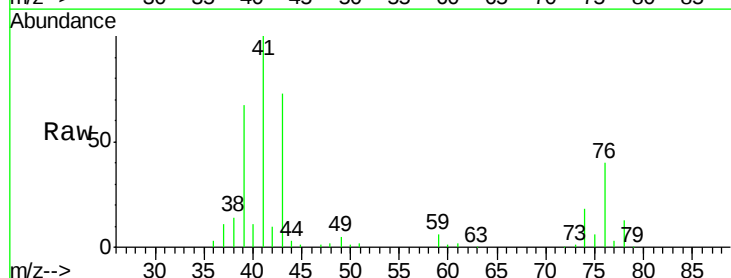
Manual Integrations
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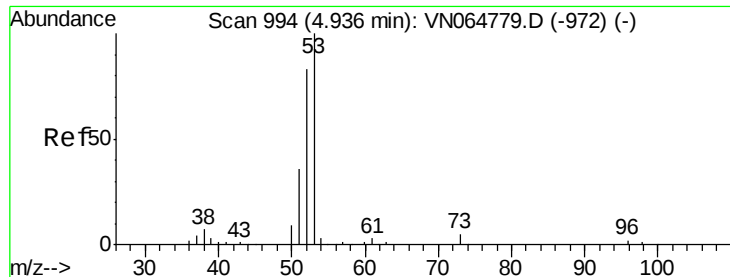
MMDadoda
11/24/2020 3:01:33 PM



#14
Allyl chloride
Concen: 46.510 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	41	Resp	142866
Ion Ratio	100	Lower	Upper
39	62.9	50.9	76.3
76	36.9	29.0	43.4





#15

Acrylonitrile

Concen: 231.786 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

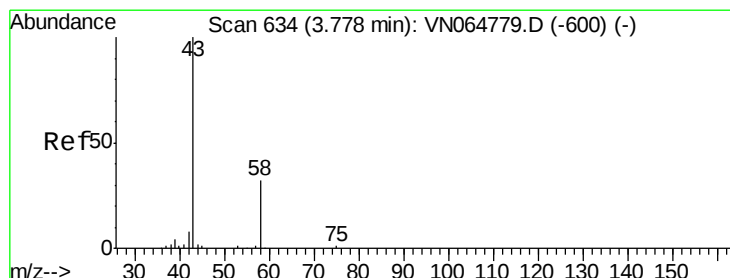
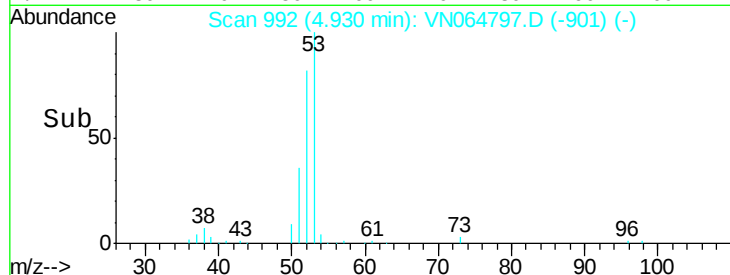
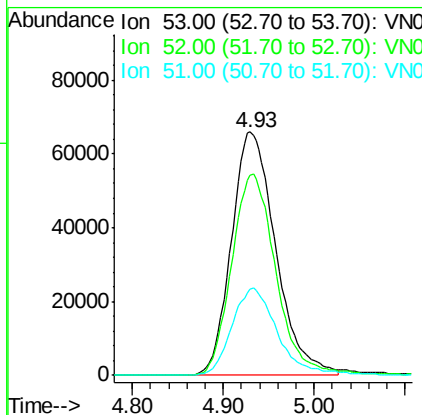
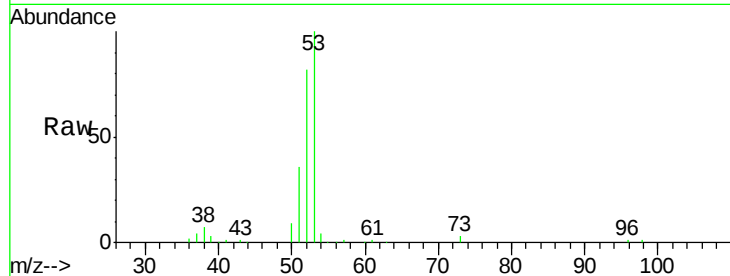
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	222963
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.5	98.3
51	36.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 240.381 ug/l

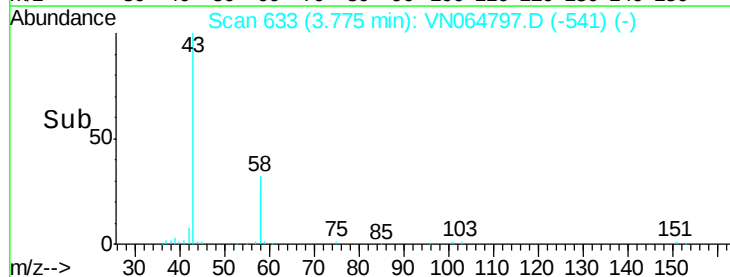
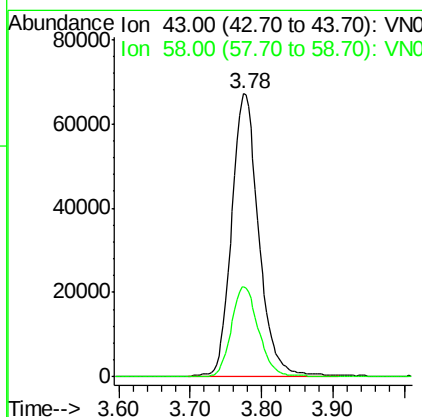
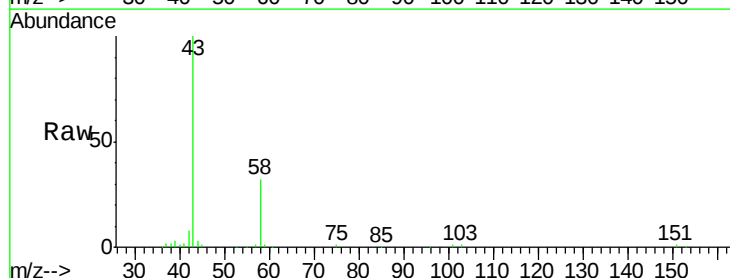
RT: 3.78 min Scan# 633

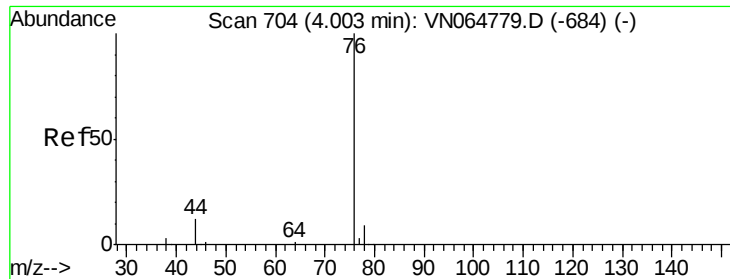
Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion:	43	Resp:	176435
Ion Ratio	Lower	Upper	
43	100		
58	32.0	25.7	38.5





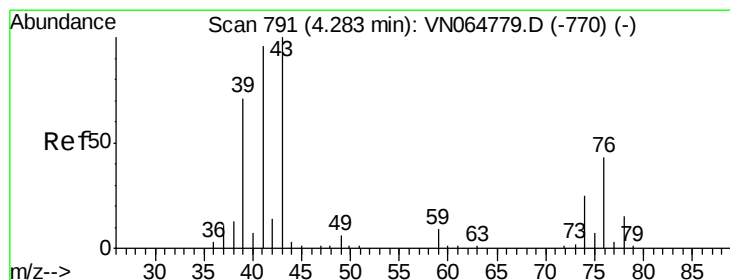
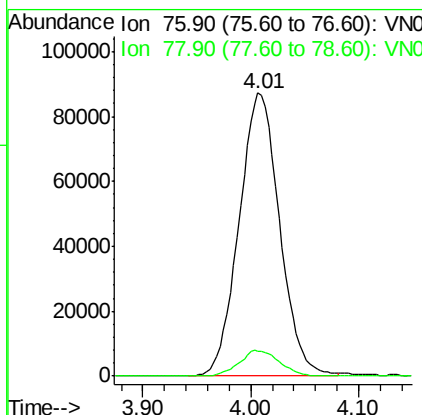
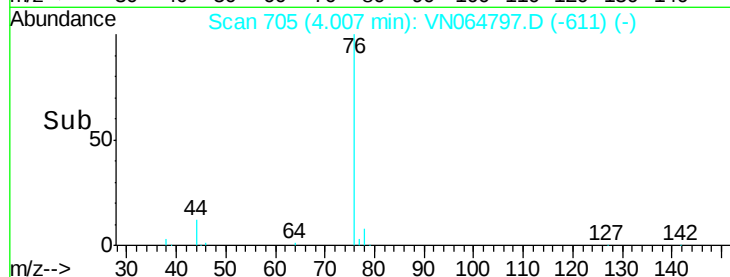
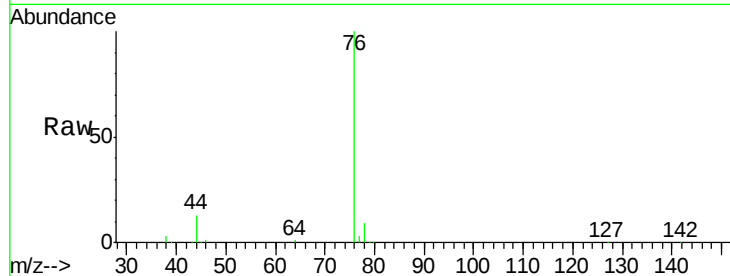
#17
Carbon Disulfide
Concen: 47.414 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 227993
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

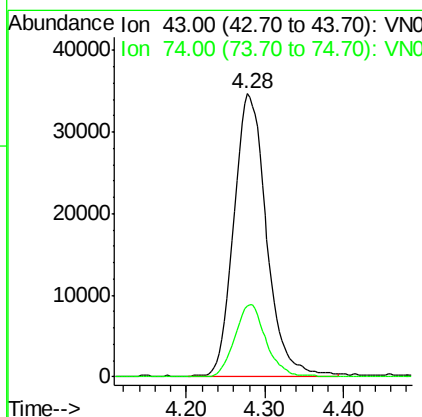
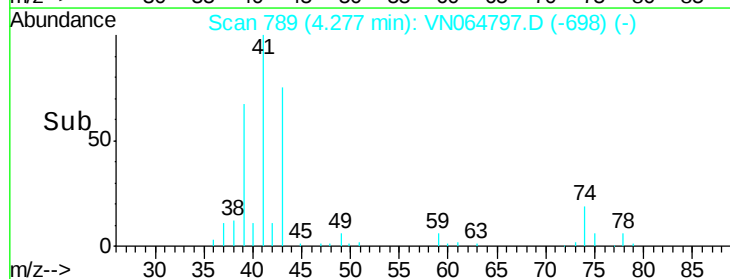
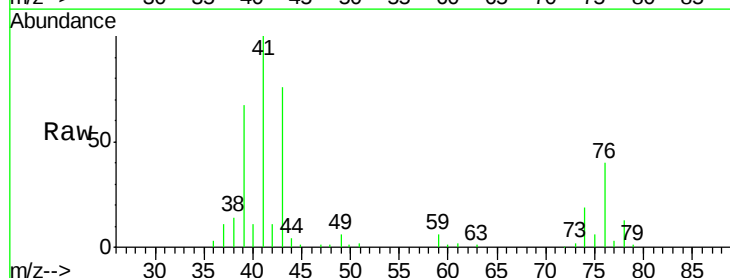
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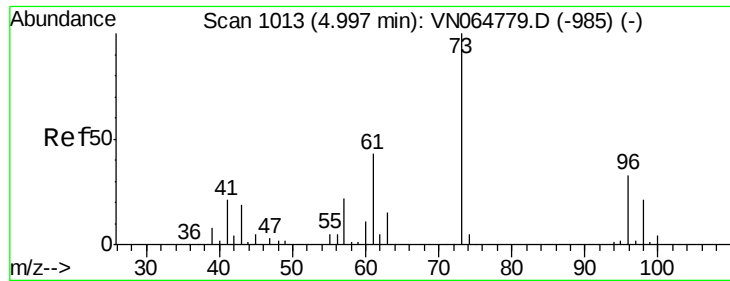
MMDadoda
11/24/2020 3:01:33 PM



#18
Methyl Acetate
Concen: 45.849 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 43 Resp: 101179
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.2





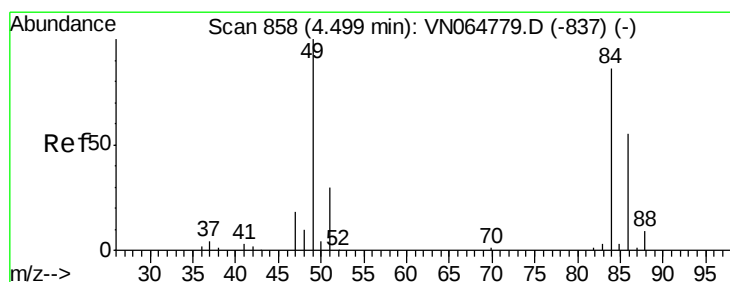
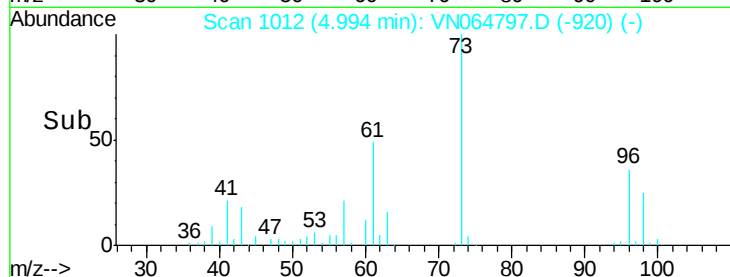
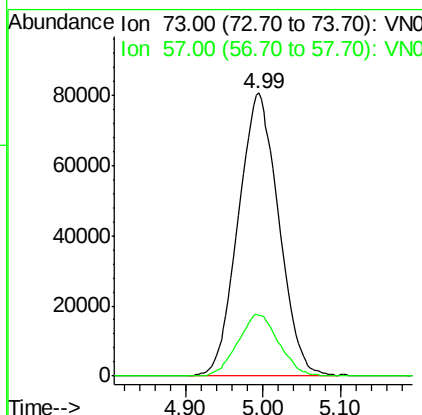
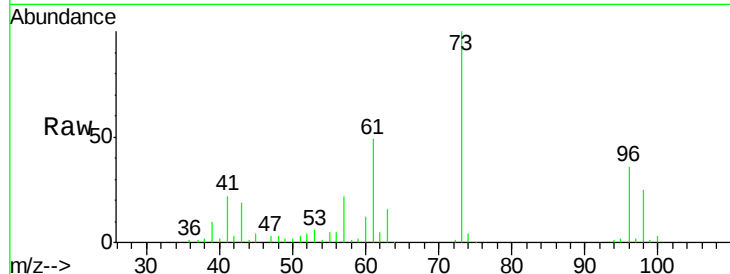
#19
Methvl tert-butvl Ether
Concen: 49.165 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 293665
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

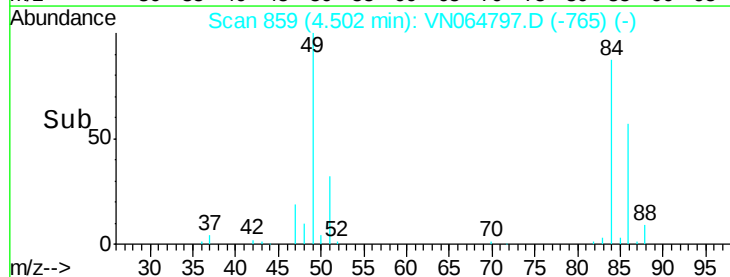
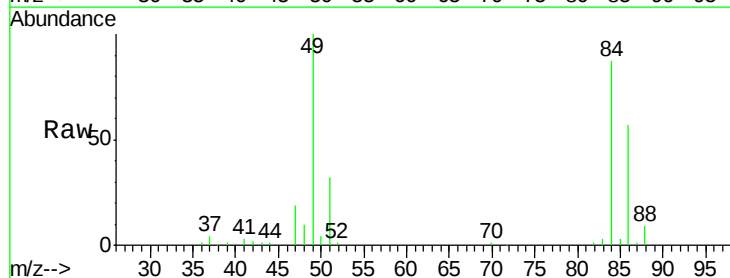
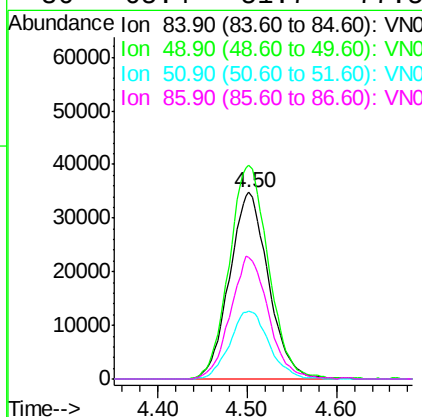
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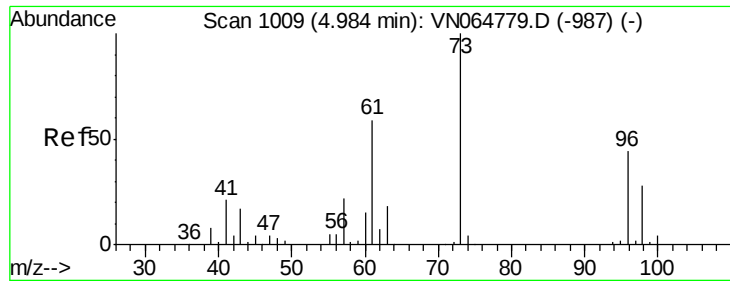
MMDadoda
11/24/2020 3:01:33 PM



#20
Methylene Chloride
Concen: 45.728 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 84 Resp: 105174
Ion Ratio Lower Upper
84 100
49 114.6 93.4 140.0
51 36.1 28.2 42.4
86 65.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 46.724 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

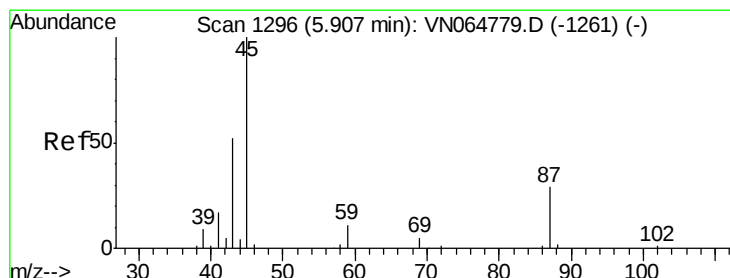
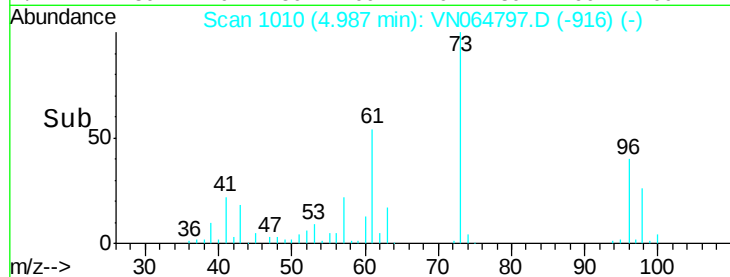
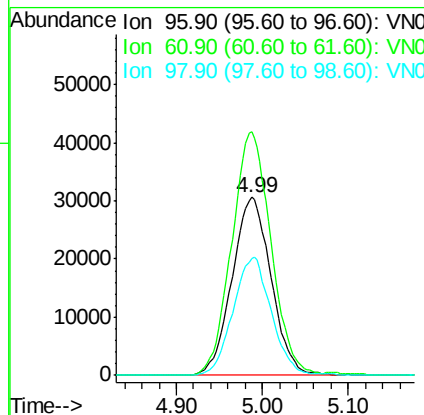
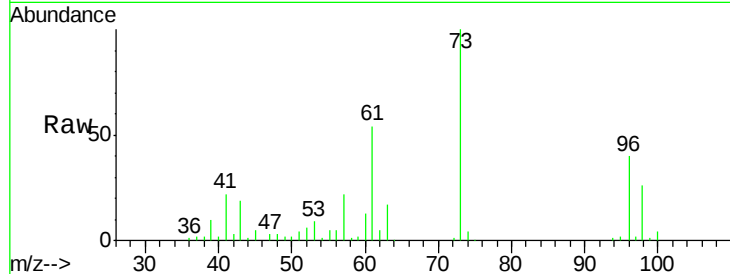
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	96634
Ion	Ratio	Lower	Upper
96	100		
61	137.0	108.4	162.6
98	65.5	51.3	76.9

Manual Integrations
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11/24/2020 3:01:33 PM



#22

Diisopropyl ether

Concen: 50.625 ug/l

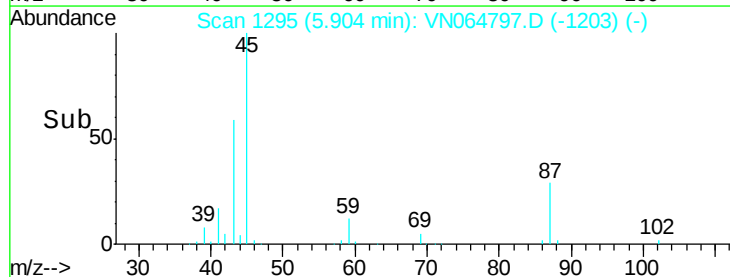
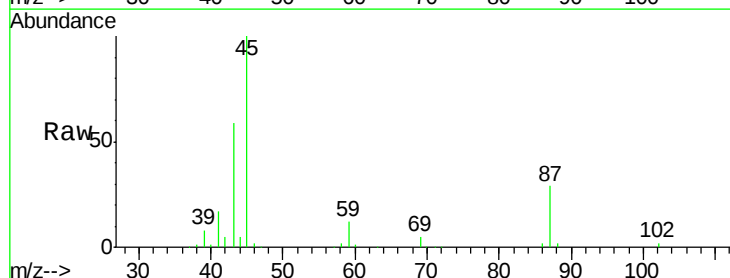
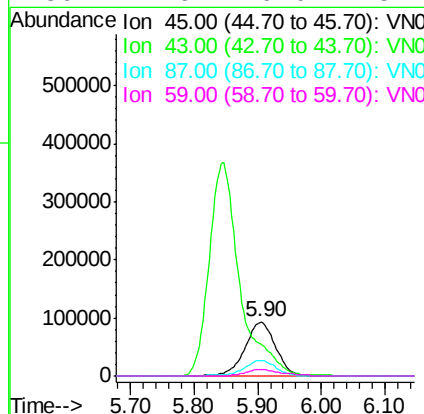
RT: 5.90 min Scan# 1295

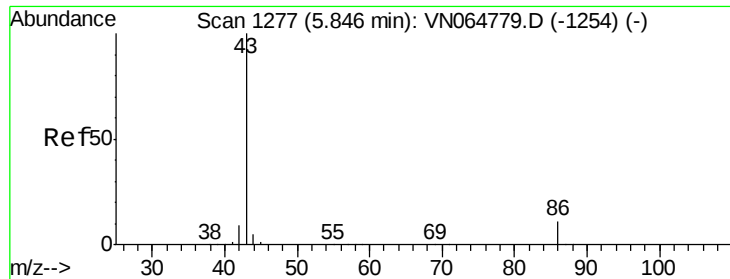
Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion:	45	Resp:	311255
Ion	Ratio	Lower	Upper
45	100		
43	57.3	46.2	69.2
87	29.2	24.1	36.1
59	11.6	9.0	13.4





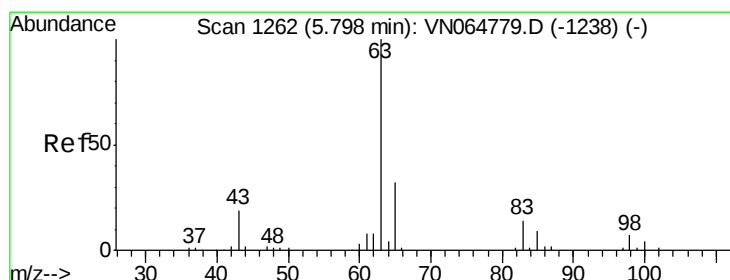
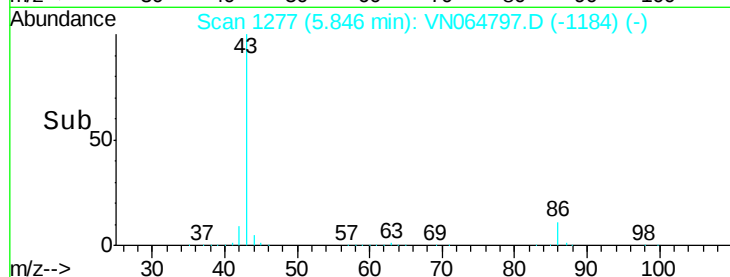
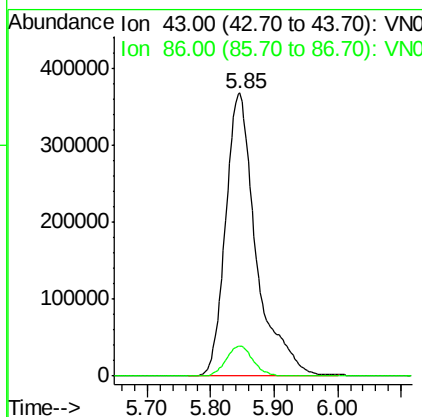
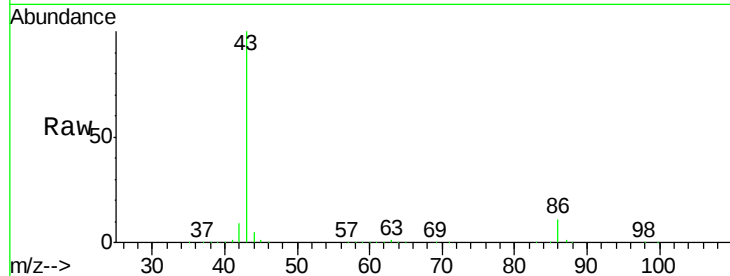
#23
 Vinyl Acetate
 Concen: 250.401 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1231121
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3

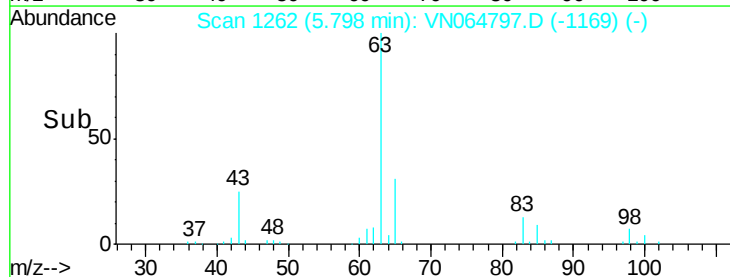
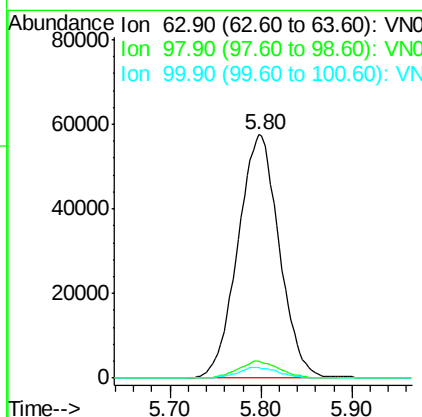
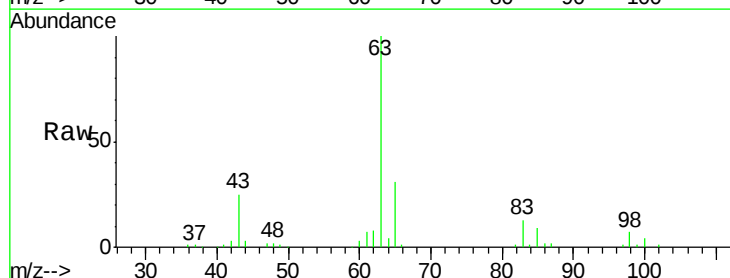
Manual Integrations
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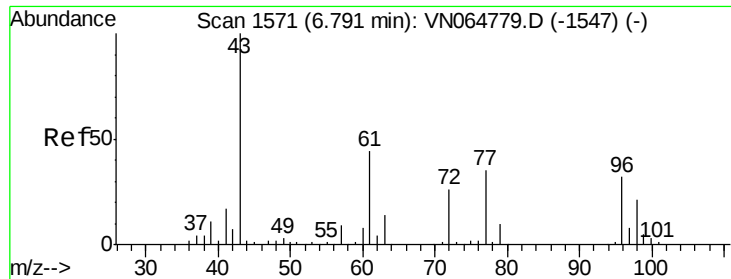
MMDadoda
 11/24/2020 3:01:33 PM



#24
 1,1-Dichloroethane
 Concen: 49.402 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 63 Resp: 181521
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 236.107 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tot Ion: 43 Resp: 280925

Ion Ratio Lower Upper

43 100

72 28.5 21.0 31.6

Instrument :

MSVOA_N

ClientSampleId :

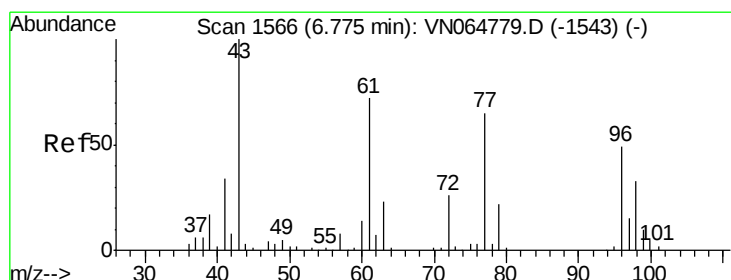
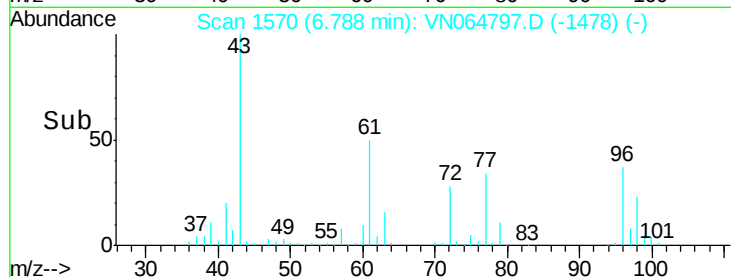
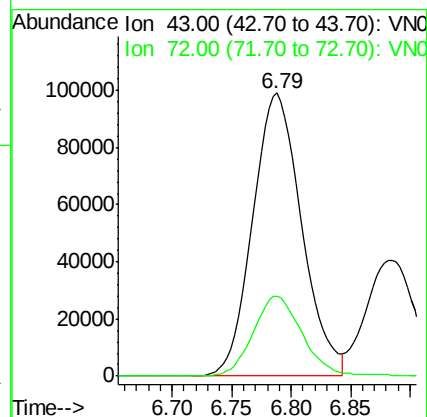
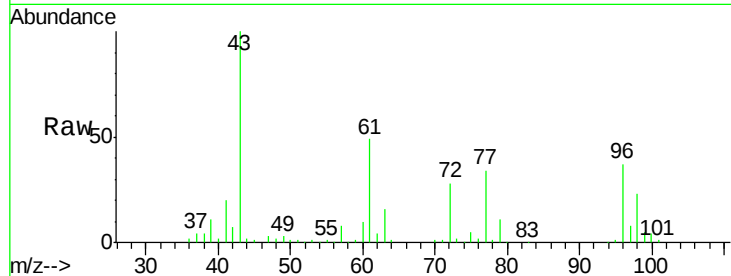
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 40.867 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064797.D

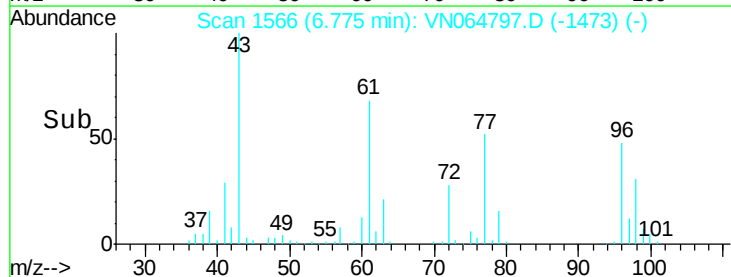
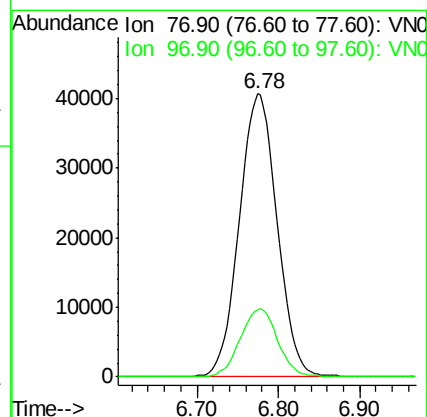
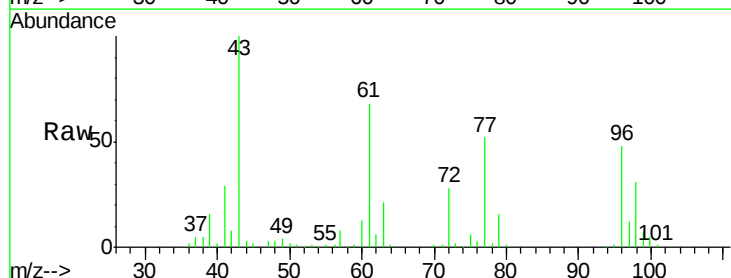
Acq: 24 Nov 2020 1:57

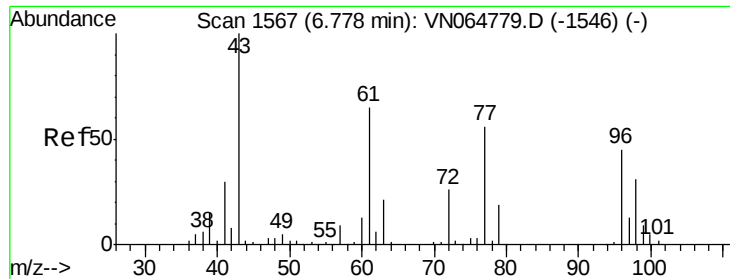
Tgt Ion: 77 Resp: 130235

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.432 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

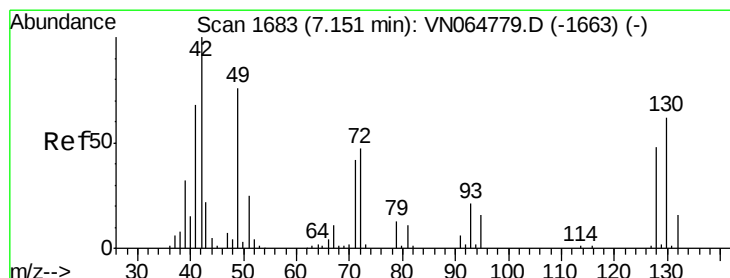
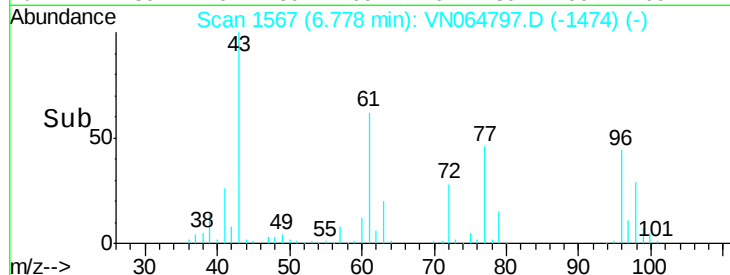
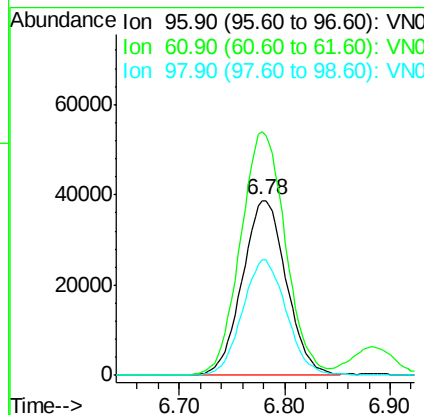
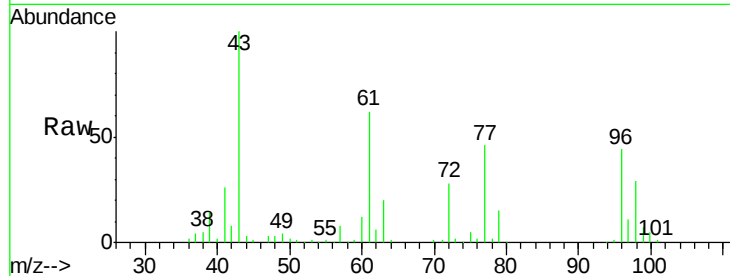
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	112713
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	285.8
98	65.9	0.0	130.6

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#28

Bromochloromethane

Concen: 48.263 ug/l

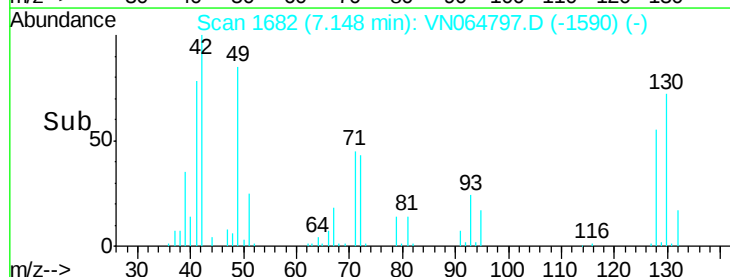
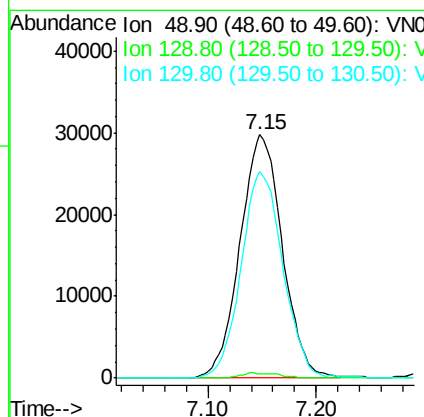
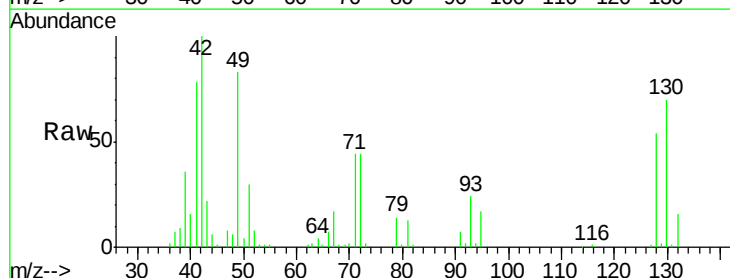
RT: 7.15 min Scan# 1682

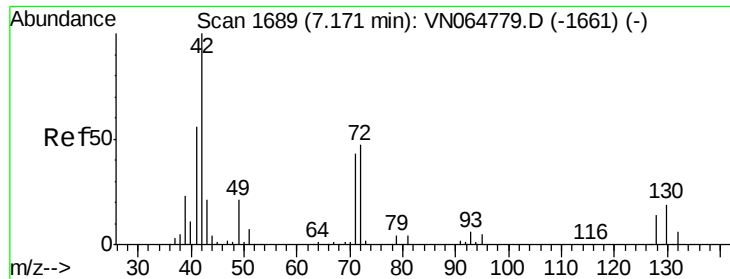
Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion:	49	Resp:	81127
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	83.7	66.2	99.2





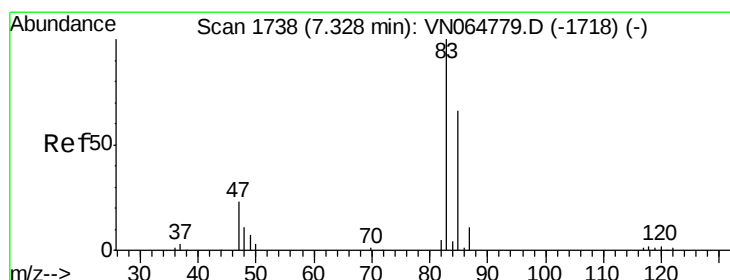
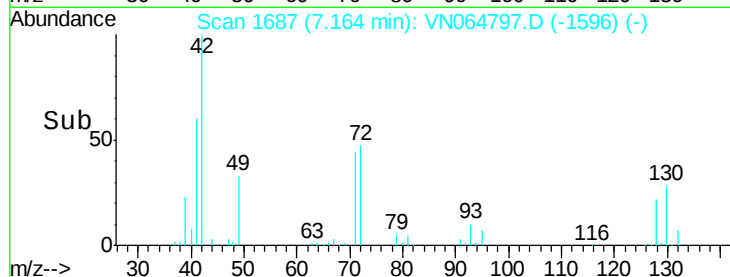
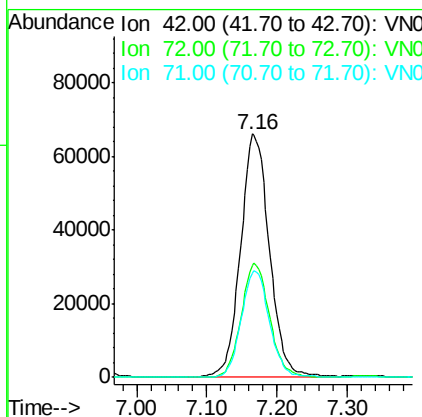
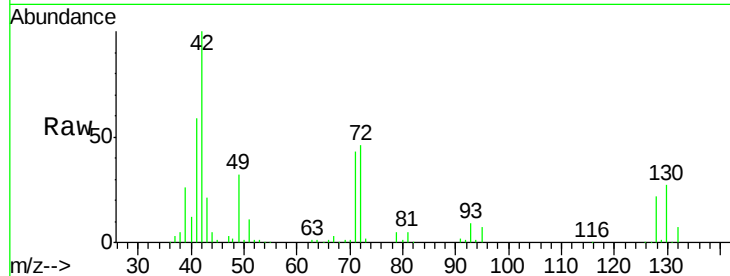
#29
Tetrahydrofuran
Concen: 230.057 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.6	54.8
71	42.3	33.6	50.4

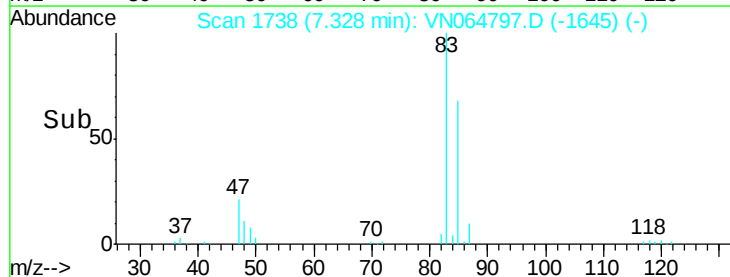
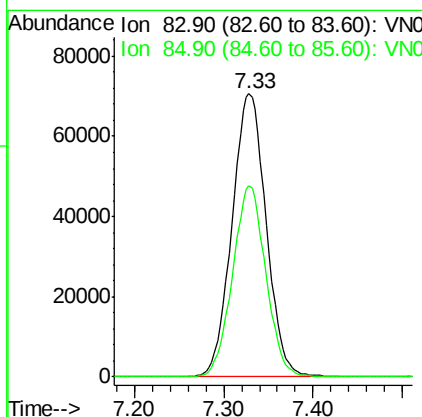
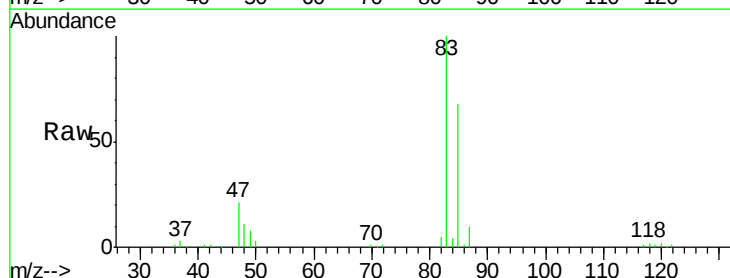
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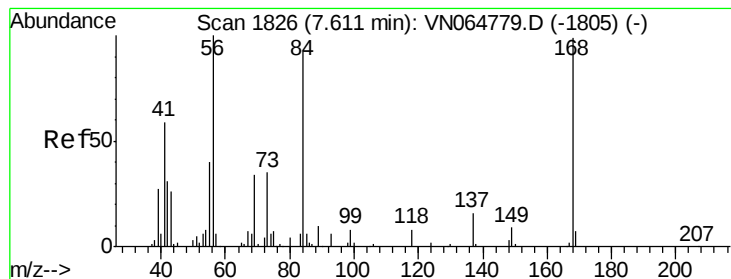
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#30
Chloroform
Concen: 49.405 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.6	78.8





#31

Cyclohexane

Concen: 46.201 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 143776

Ion Ratio Lower Upper

56 100

69 33.4 27.5 41.3

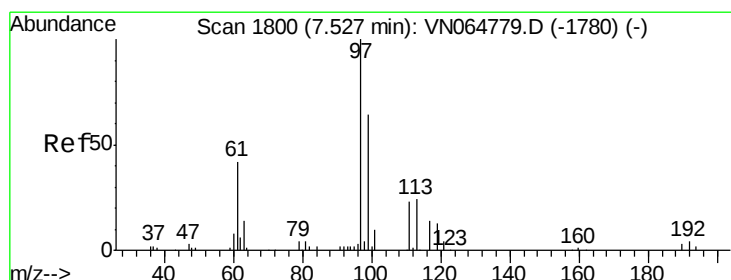
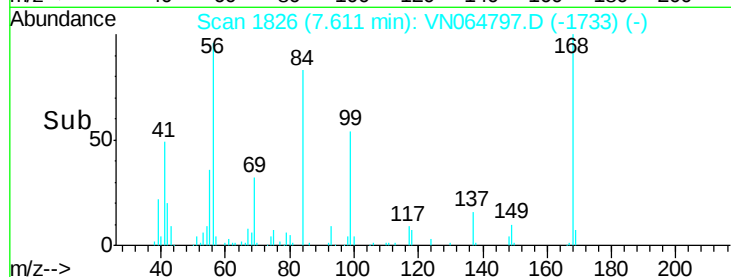
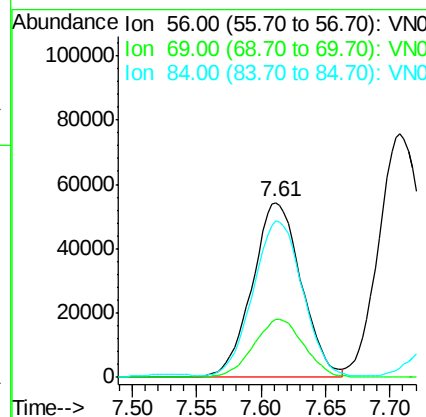
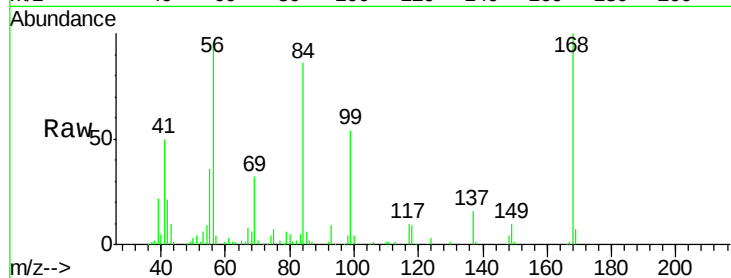
84 88.2 73.9 110.9

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#32

1,1,1-Trichloroethane

Concen: 48.795 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

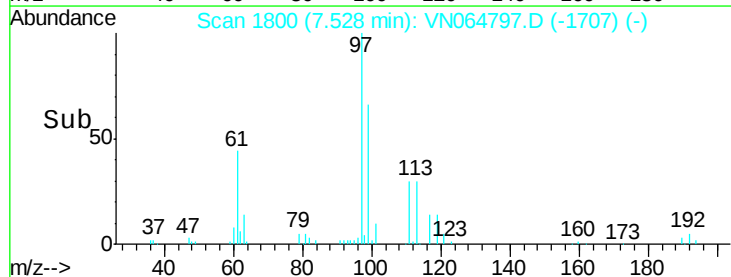
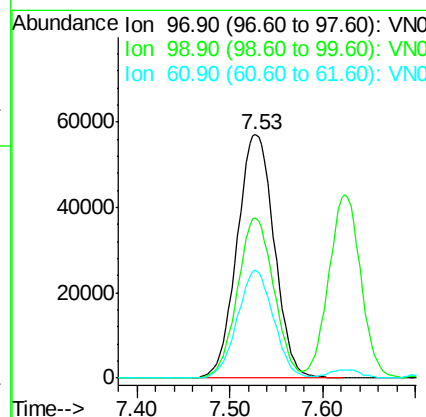
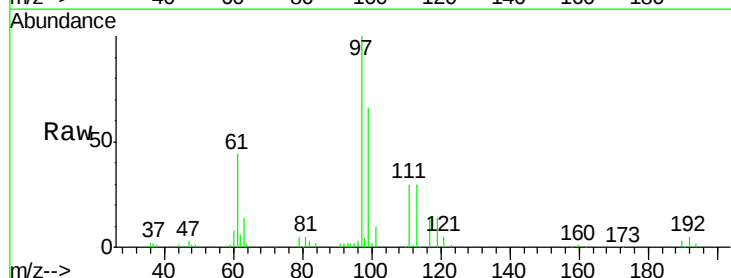
Tgt Ion: 97 Resp: 158801

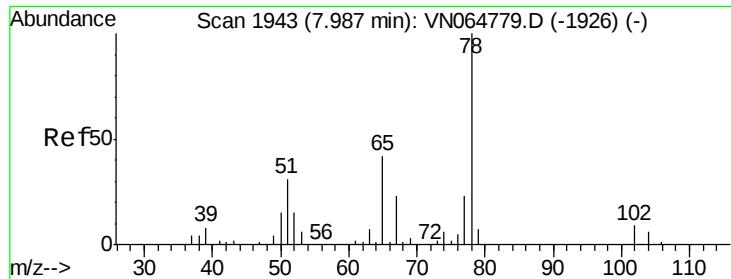
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 43.0 33.9 50.9





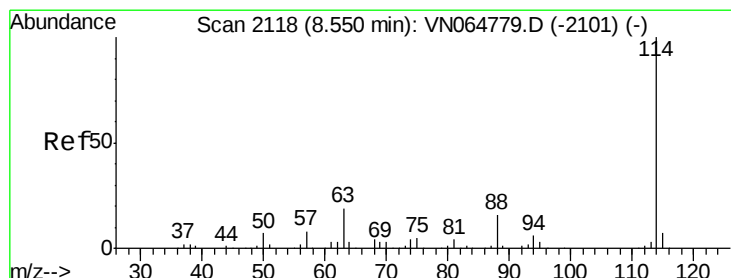
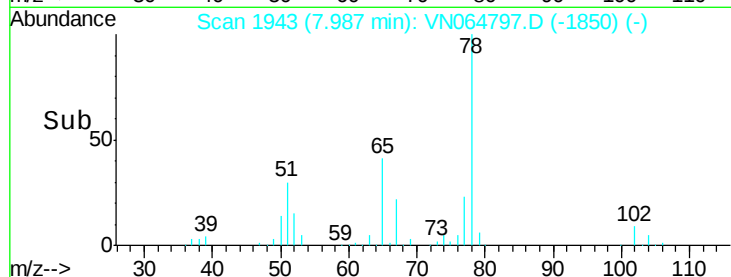
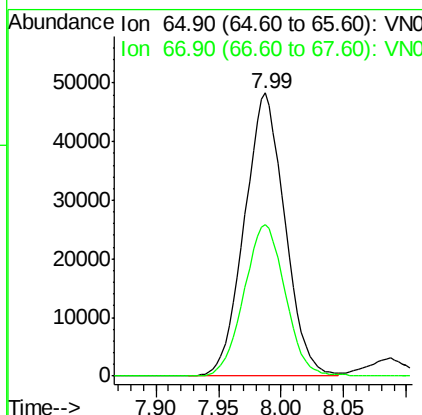
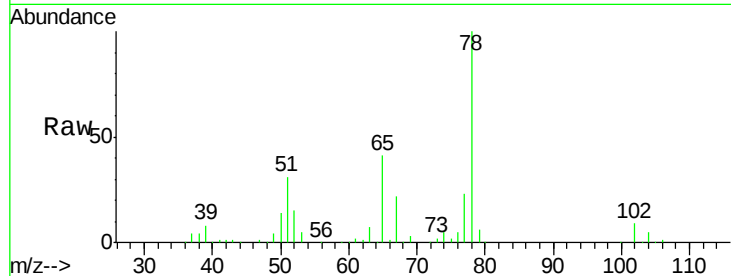
#33
 1,2-Dichloroethane-d4
 Concen: 48.638 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108598		
67	54.5	0.0	108.2	

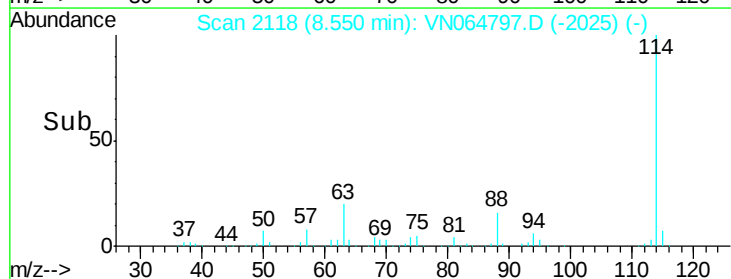
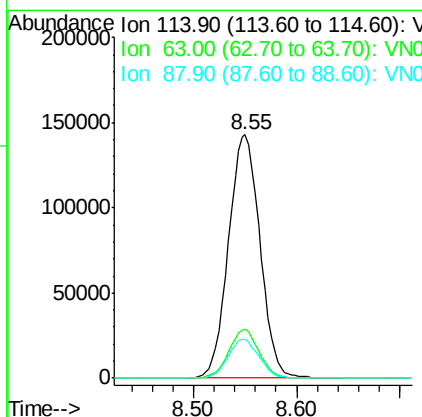
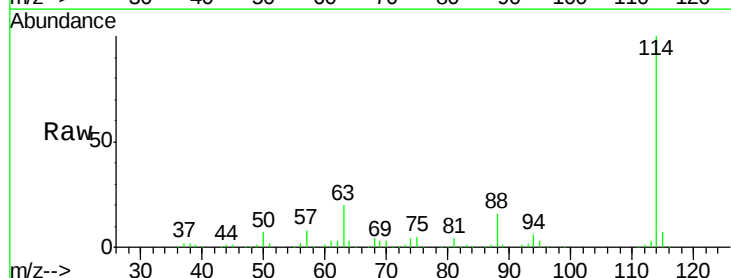
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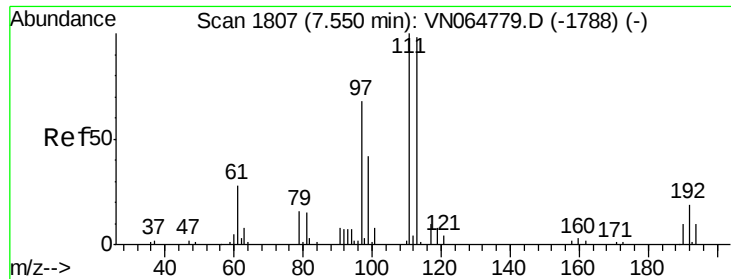
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	303571		
63	20.1	0.0	38.6	
88	15.8	0.0	32.6	





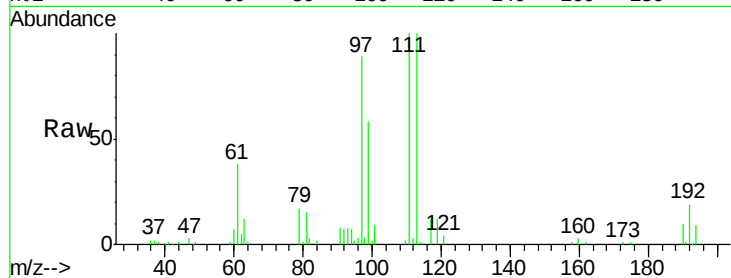
#35
 Dibromofluoromethane
 Concen: 51.446 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

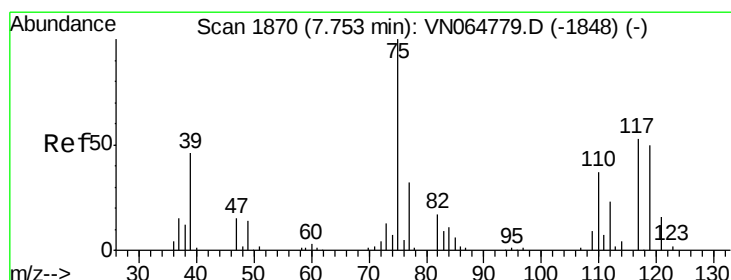
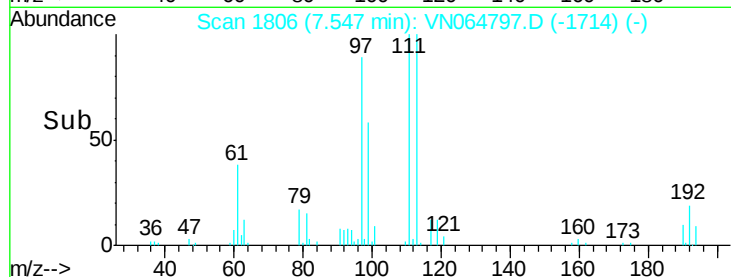
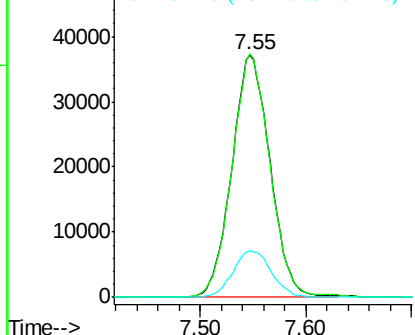
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.1	81.6	122.4
192	19.4	16.2	24.2

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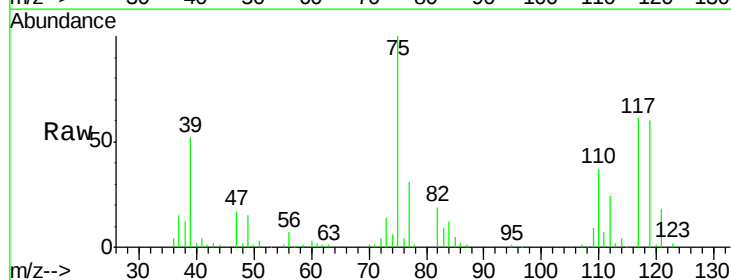


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

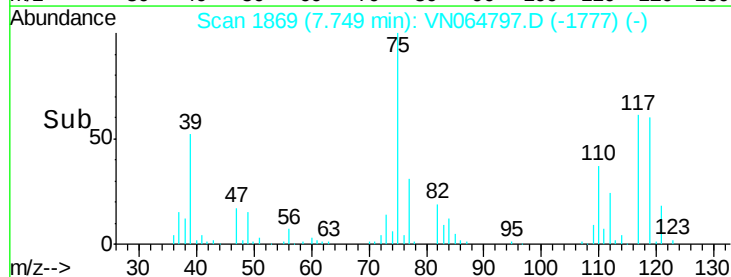
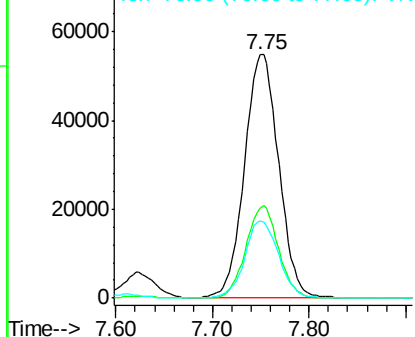


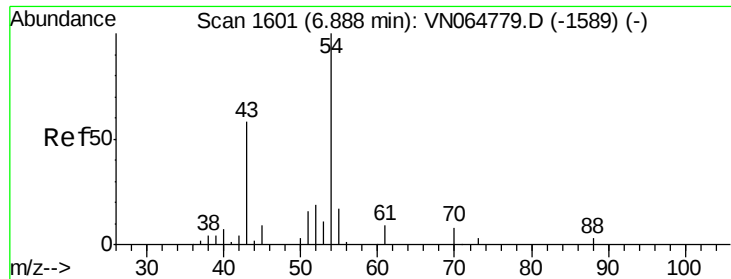
#36
 1,1-Dichloropropene
 Concen: 47.996 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.8	53.3
77	31.5	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





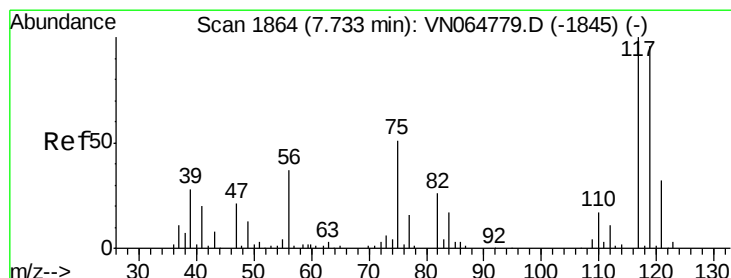
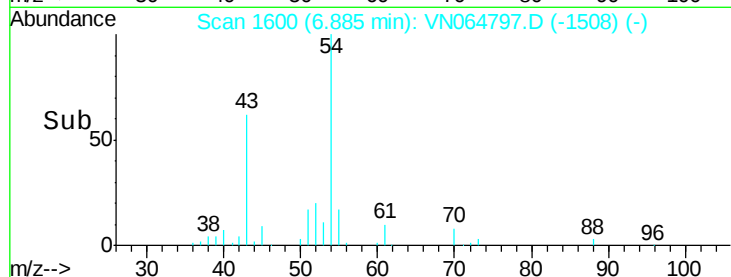
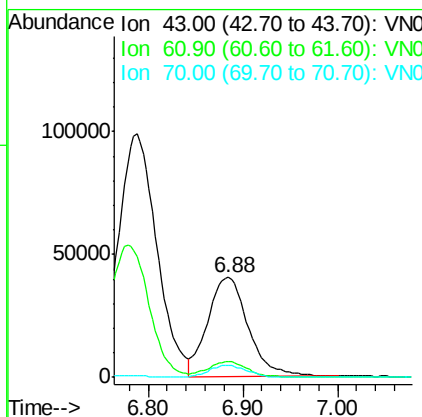
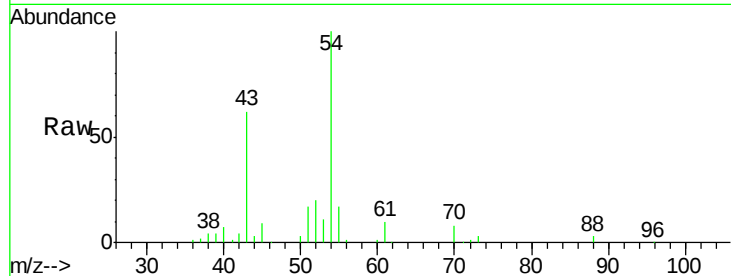
#37
Ethyl Acetate
Concen: 44.319 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.8	19.2
70	11.5	8.8	13.2

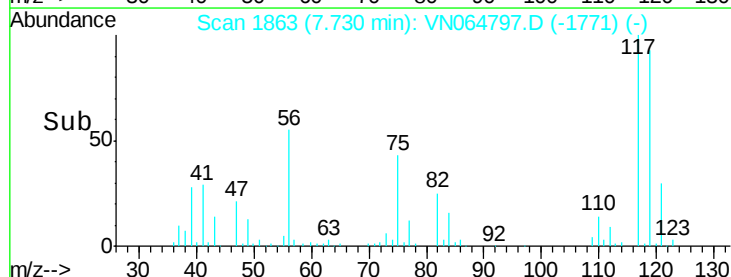
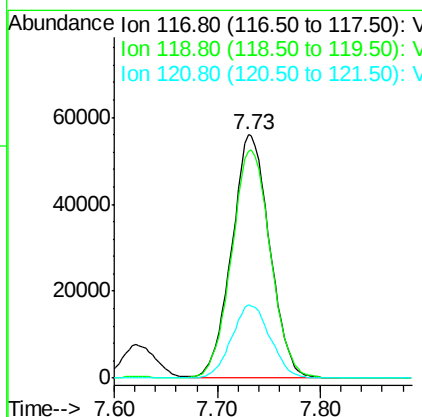
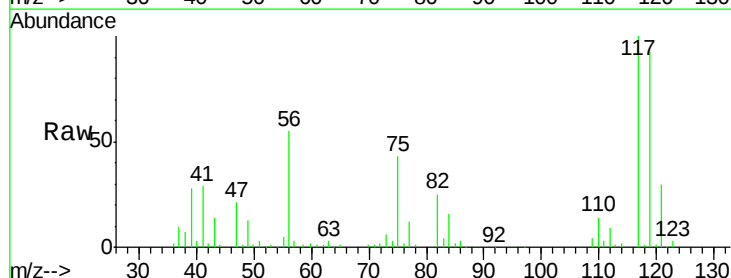
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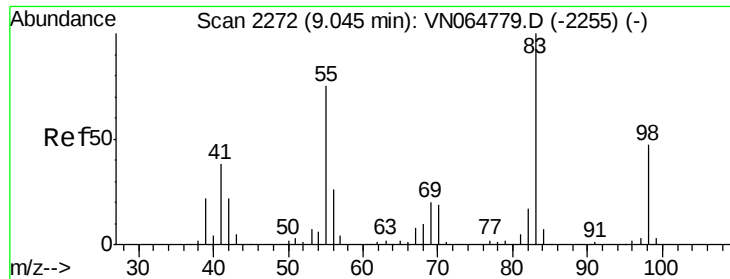
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#38
Carbon Tetrachloride
Concen: 49.043 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.7	115.1
121	30.1	25.4	38.2





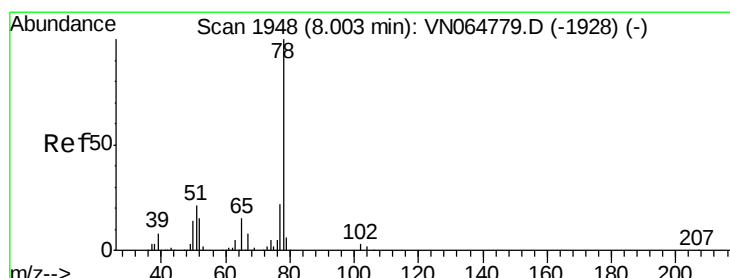
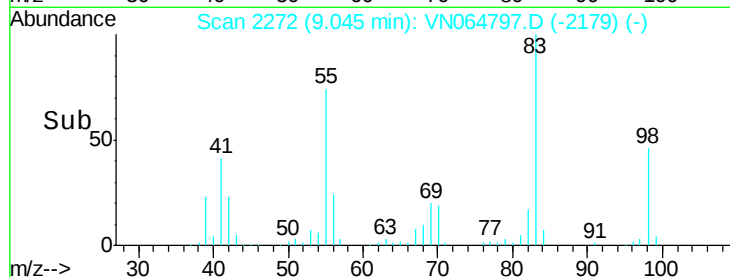
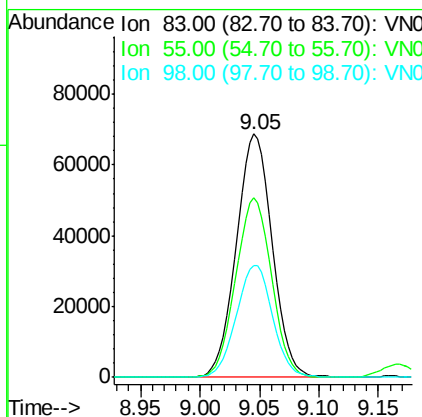
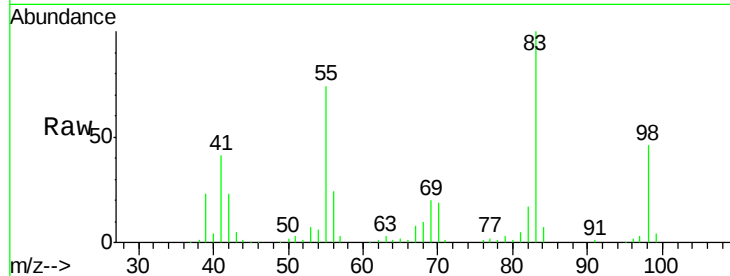
#39
Methvlcvclohexane
Concen: 47.532 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	143978
Ion Ratio	Lower	Upper	
83	100		
55	73.7	60.2	90.2
98	45.9	37.4	56.2

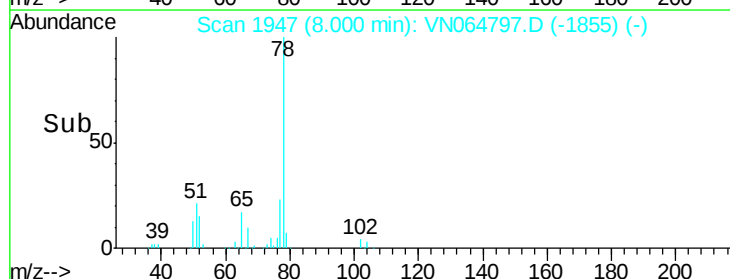
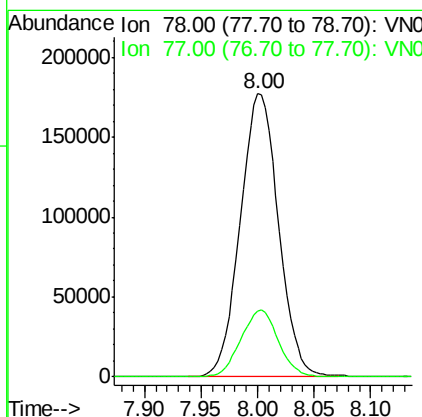
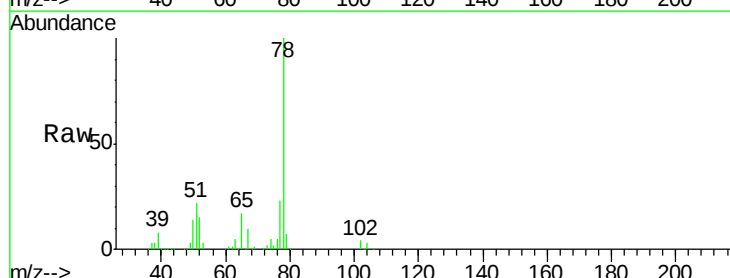
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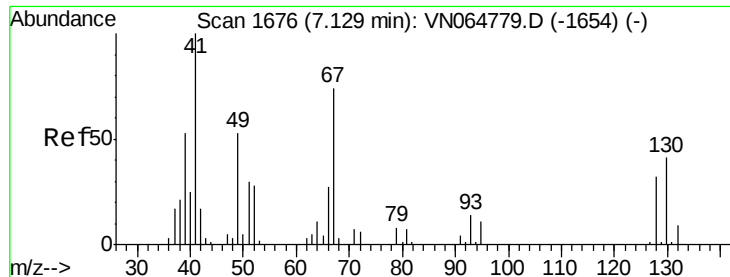
MMDadoda
11/24/2020 3:01:33 PM



#40
Benzene
Concen: 48.404 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	78.00	Resp	417365
Ion Ratio	Lower	Upper	
78	100		
77	23.1	17.9	26.9





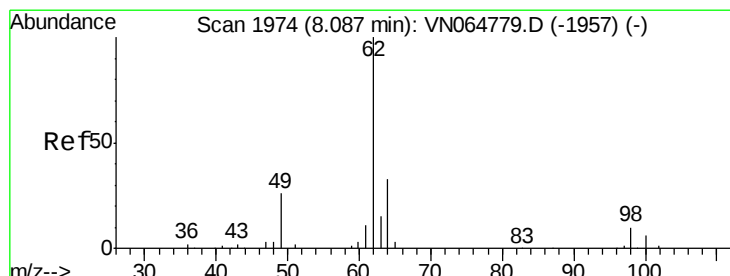
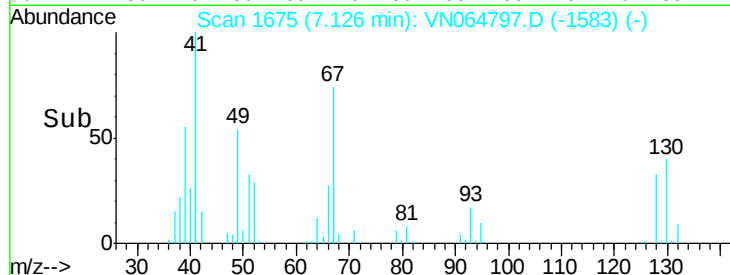
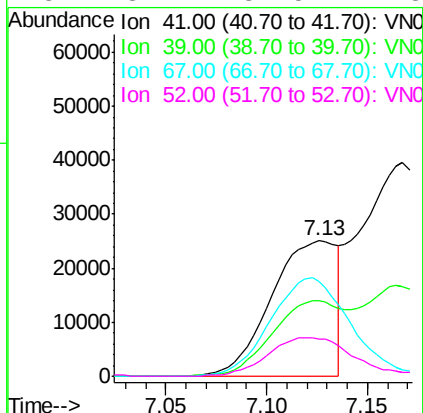
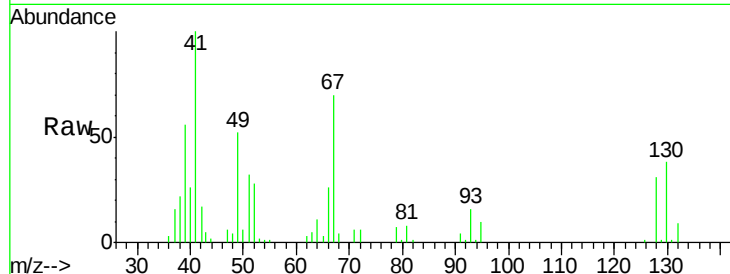
#41
Methacrylonitrile
Concen: 45.336 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.2	51.0	76.6	
67	88.6	79.8	119.8	
52	37.4	31.5	47.3	

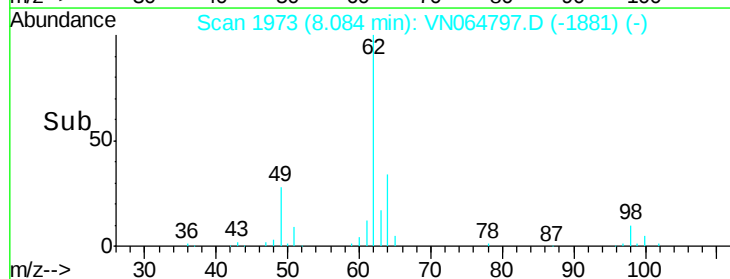
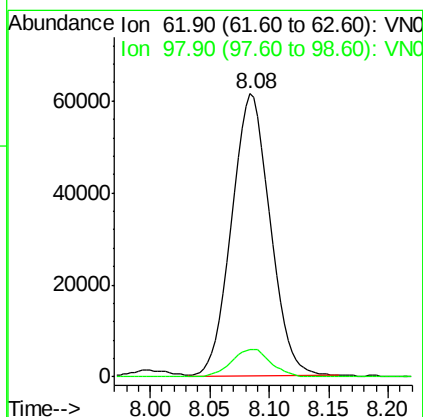
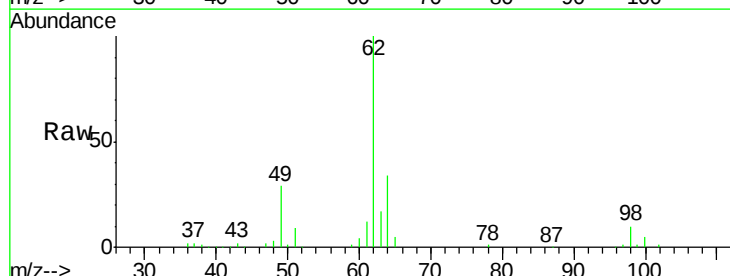
Manual Integrations
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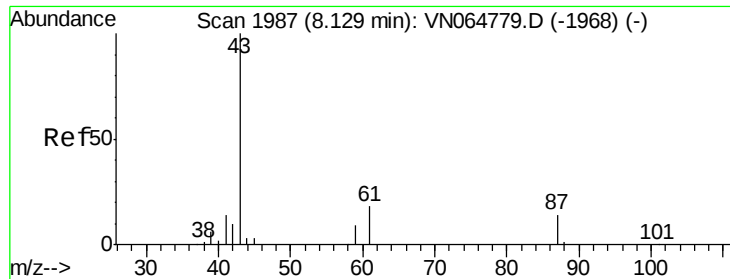
MMDadoda
11/24/2020 3:01:33 PM



#42
1,2-Dichloroethane
Concen: 47.366 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.6	





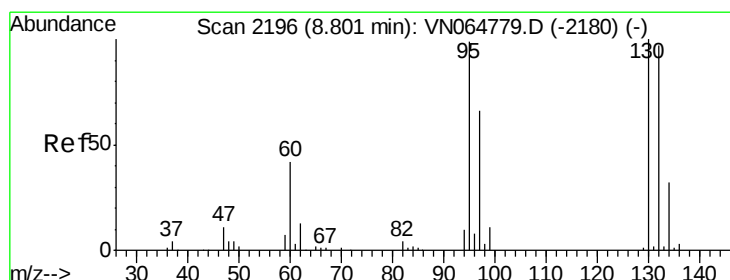
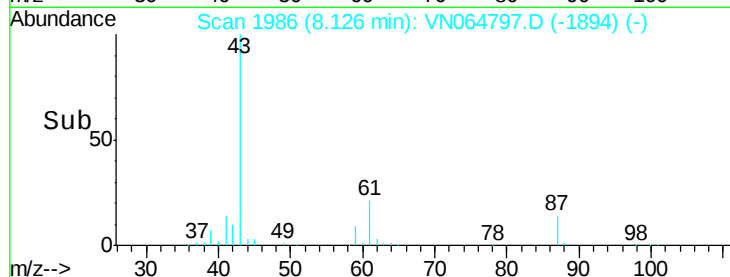
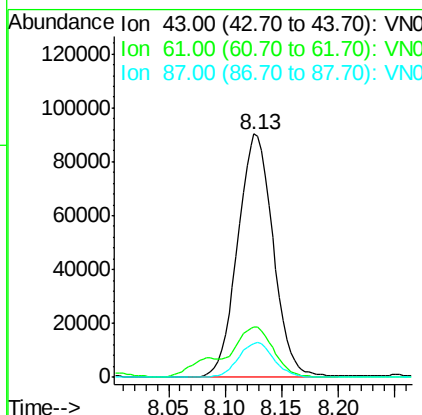
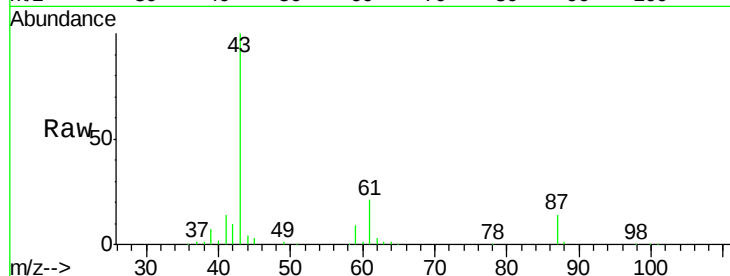
#43
Isopropyl Acetate
Concen: 45.329 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.2	25.8
87	14.3	11.4	17.0

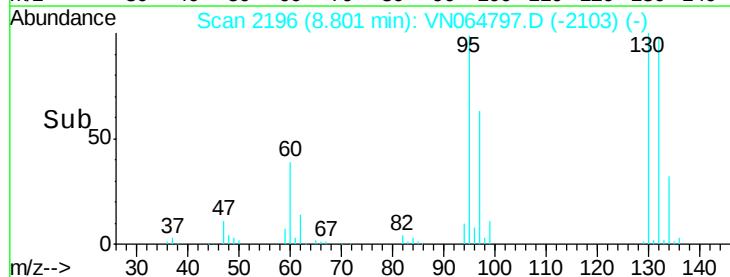
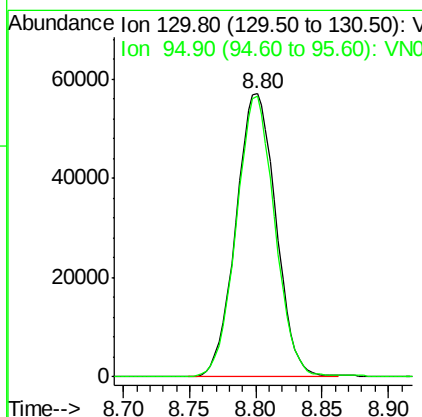
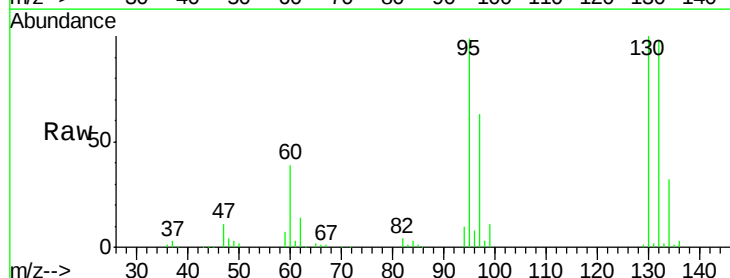
Manual Integrations
APPROVED

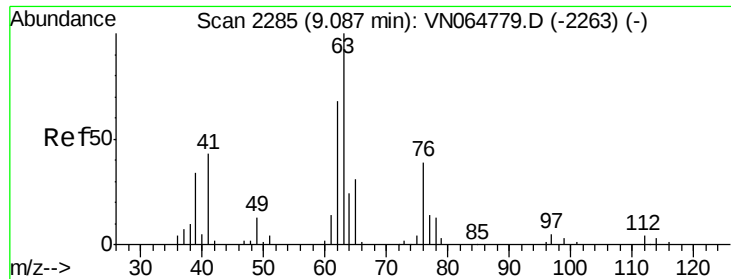
MMDadoda
11/24/2020 3:01:33 PM



#44
Trichloroethene
Concen: 46.946 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	197.8





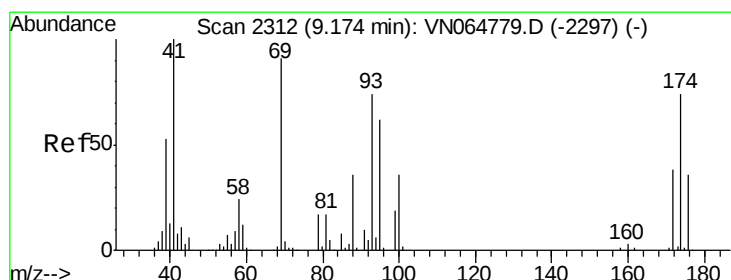
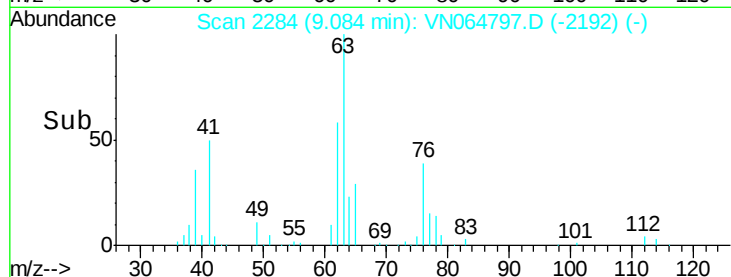
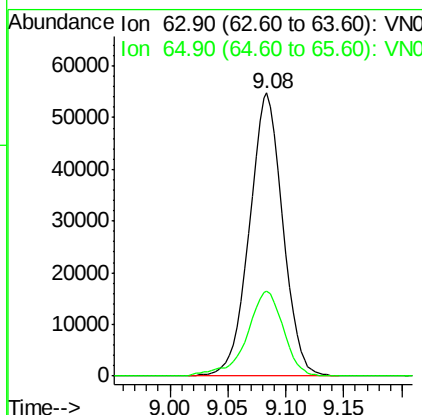
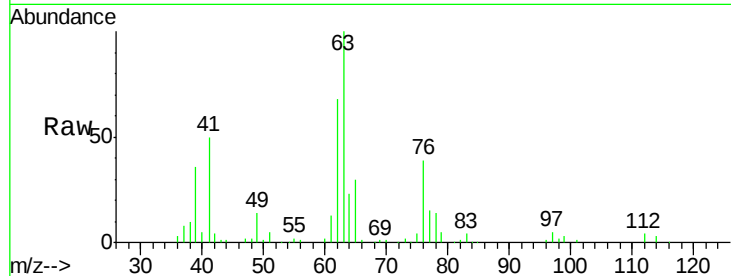
#45
 1,2-Dichloropropane
 Concen: 49.253 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 109979
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4

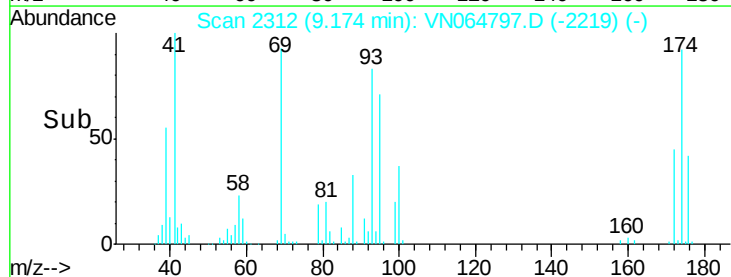
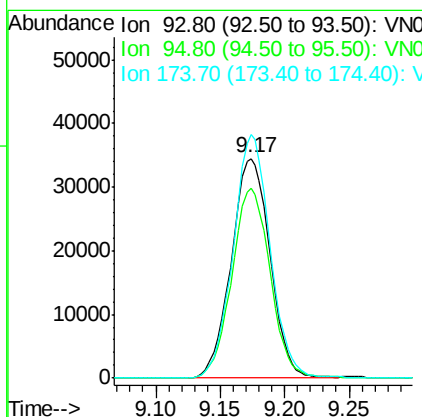
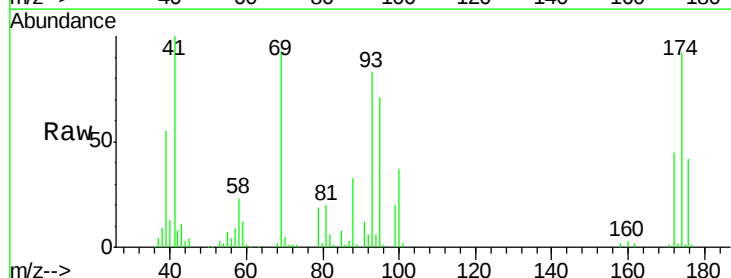
Manual Integrations
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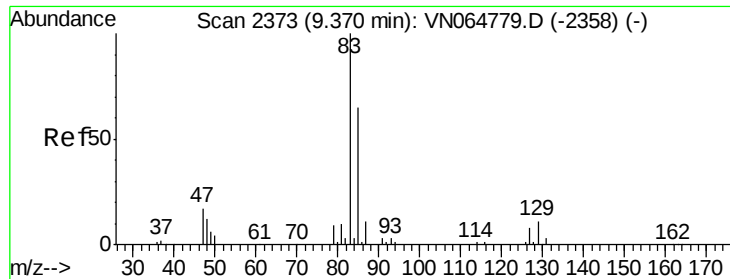
MMDadoda
 11/24/2020 3:01:33 PM



#46
 Dibromomethane
 Concen: 48.362 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 93 Resp: 72144
 Ion Ratio Lower Upper
 93 100
 95 85.6 68.8 103.2
 174 105.6 83.1 124.7





#47

Bromodichloromethane

Concen: 48.585 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 145831

Ion Ratio Lower Upper

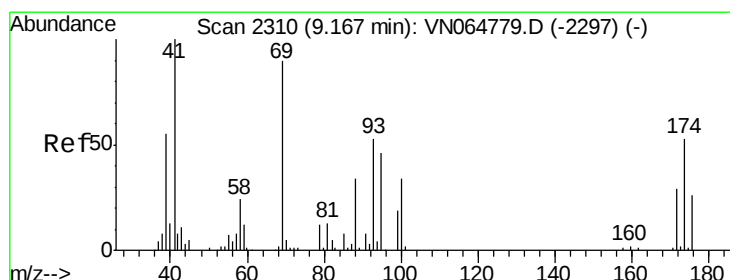
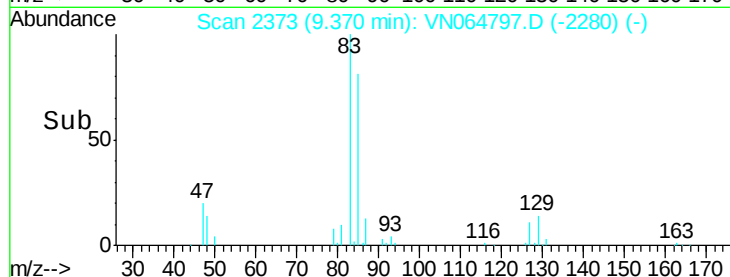
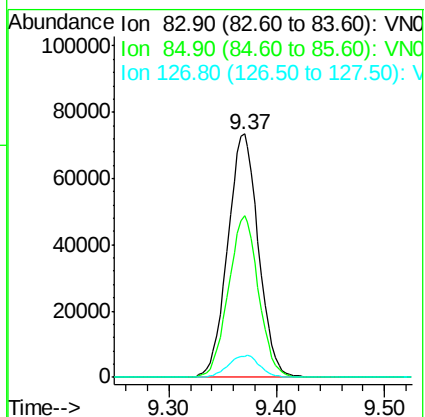
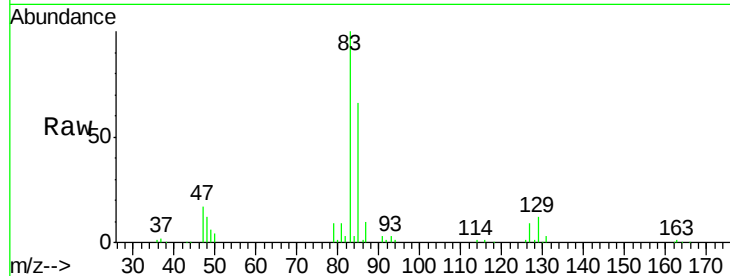
83 100

85 66.2 51.8 77.8

127 8.8 6.8 10.2

Manual Integrations
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MMDadoda
11/24/2020 3:01:33 PM



#48

Methyl methacrylate

Concen: 47.592 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

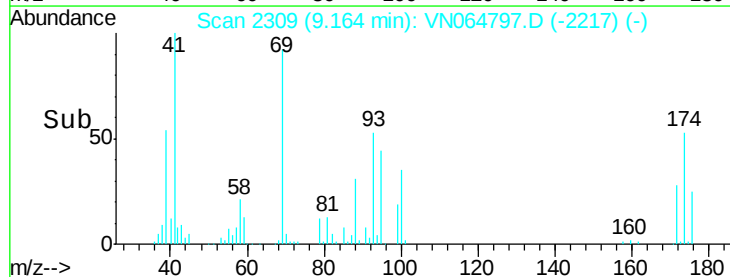
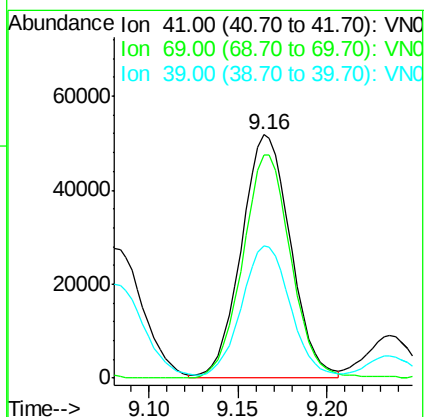
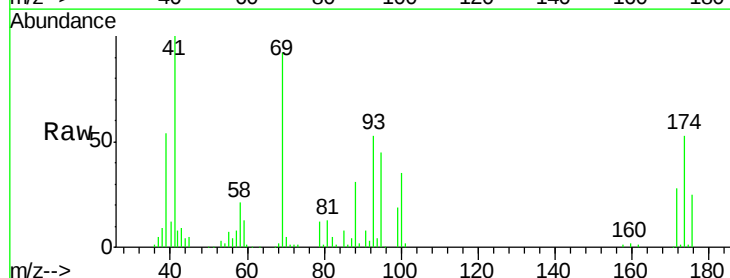
Tgt Ion: 41 Resp: 99185

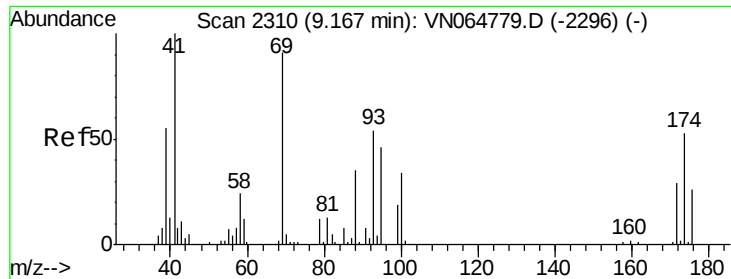
Ion Ratio Lower Upper

41 100

69 90.7 71.8 107.8

39 54.8 44.1 66.1





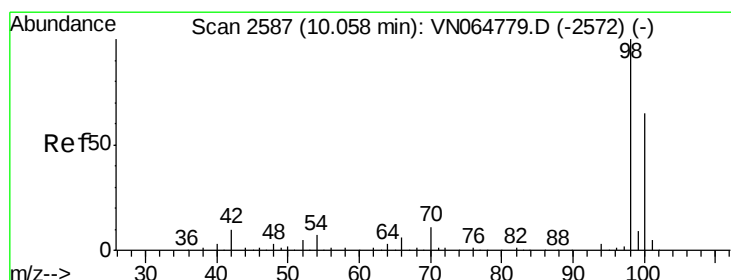
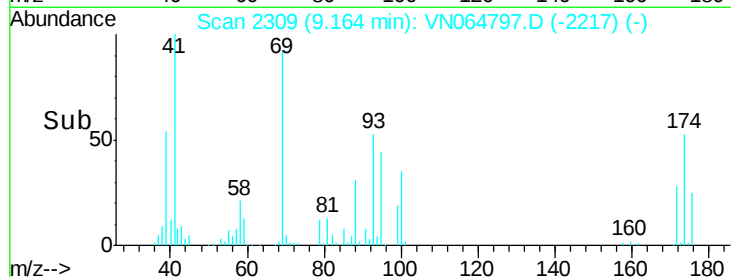
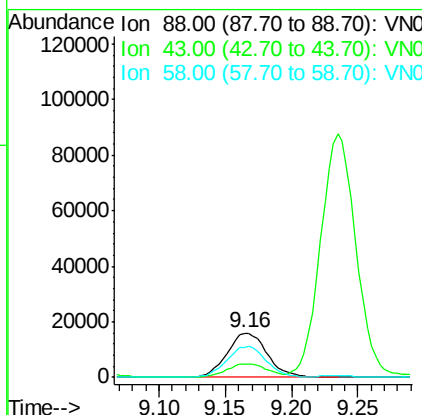
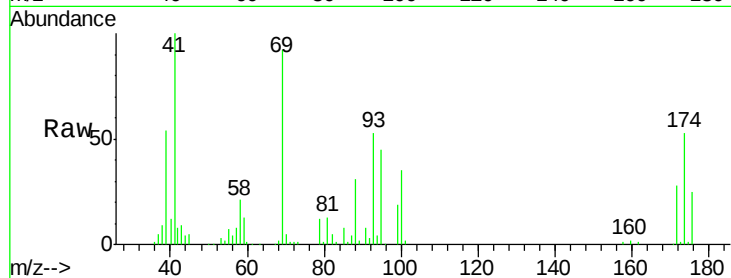
#49
1,4-Dioxane
Concen: 844.931 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.2	36.4
58	69.1	52.5	78.7

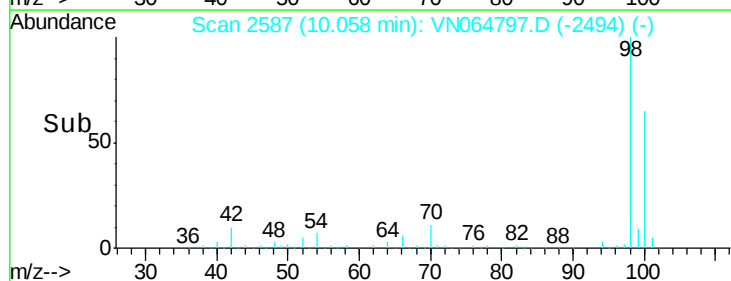
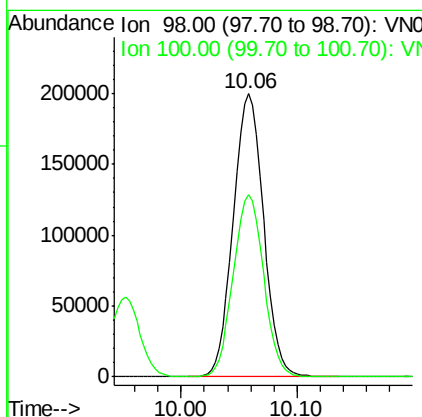
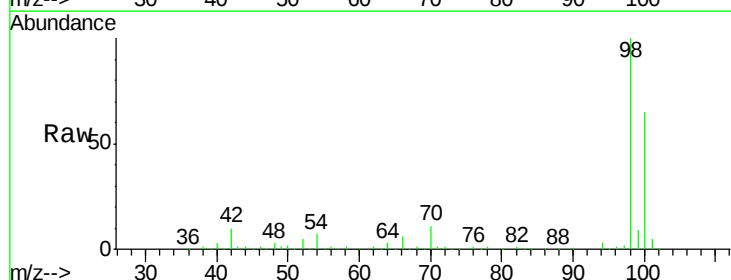
Manual Integrations
APPROVED

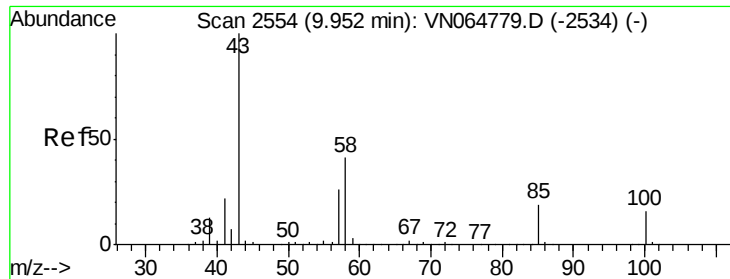
MMDadoda
11/24/2020 3:01:33 PM



#50
Toluene-d8
Concen: 48.894 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 233.940 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 612544

Ion Ratio Lower Upper

43 100

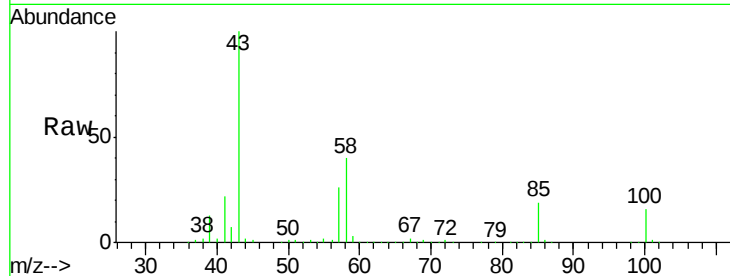
58 40.1 32.4 48.6

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:01:33 PM



Abundance Ion 43.00 (42.70 to 43.70): VN064797.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064797.D (-2534) (-)

9.95

400000

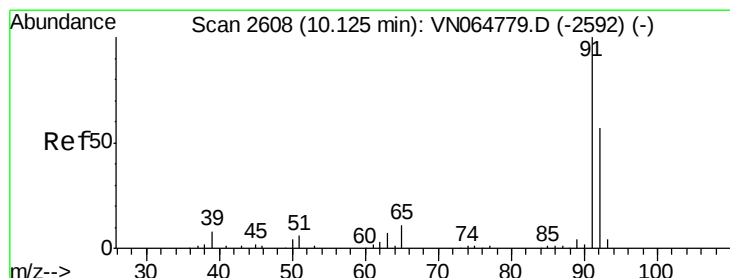
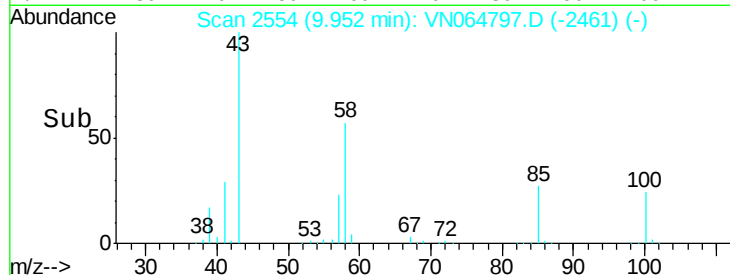
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.813 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064797.D

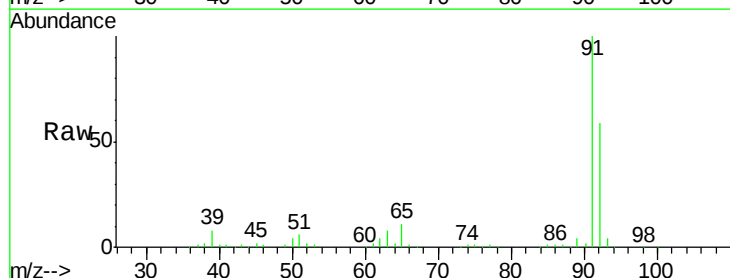
Acq: 24 Nov 2020 1:57

Tgt Ion: 92 Resp: 264509

Ion Ratio Lower Upper

92 100

91 169.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064797.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064797.D (-2515) (-)

10.12

300000

250000

200000

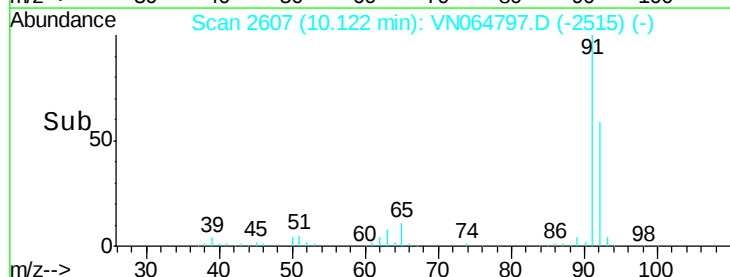
150000

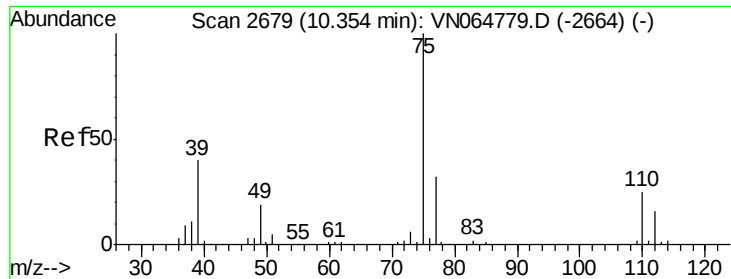
100000

50000

0

Time-->





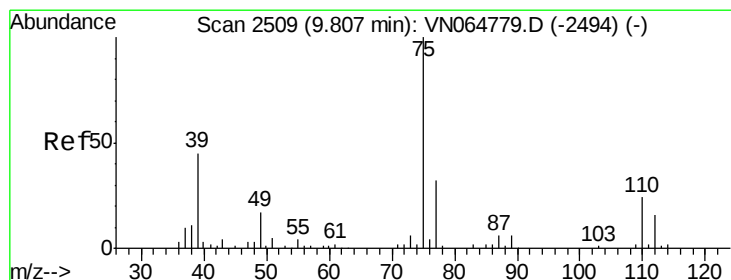
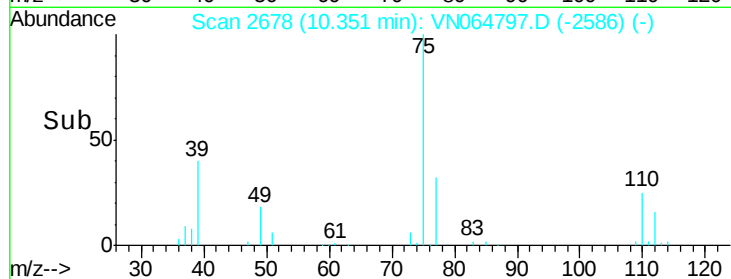
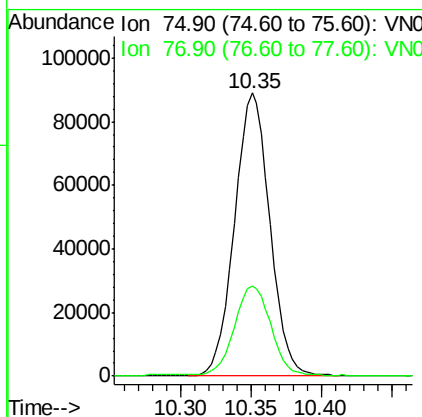
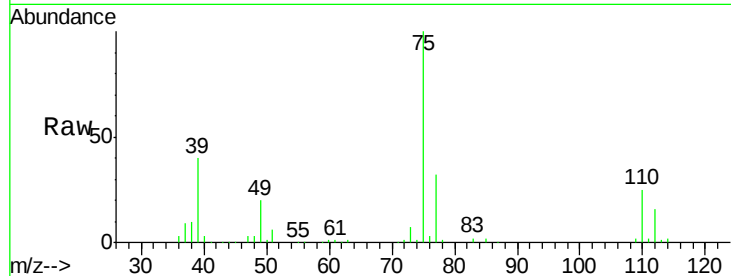
#53
t-1,3-Dichloropropene
Concen: 46.692 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 156099
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6

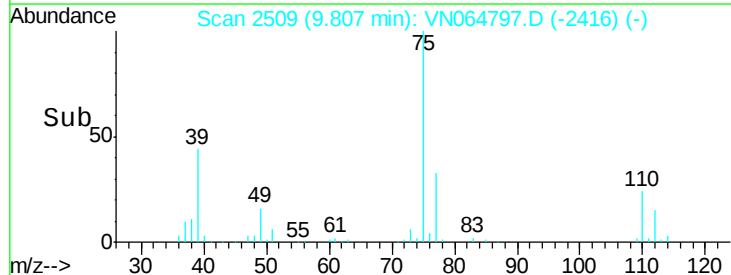
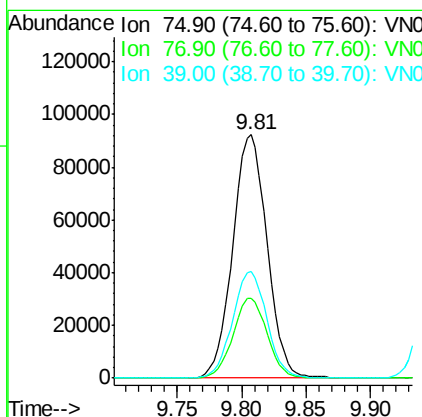
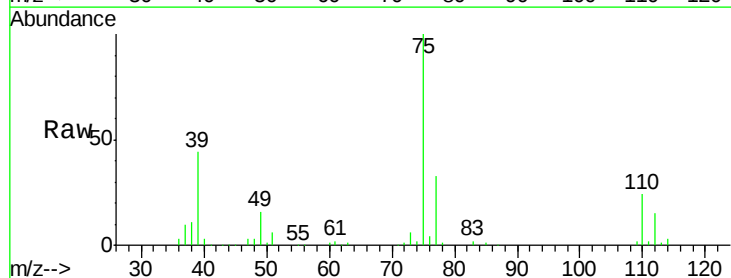
Manual Integrations
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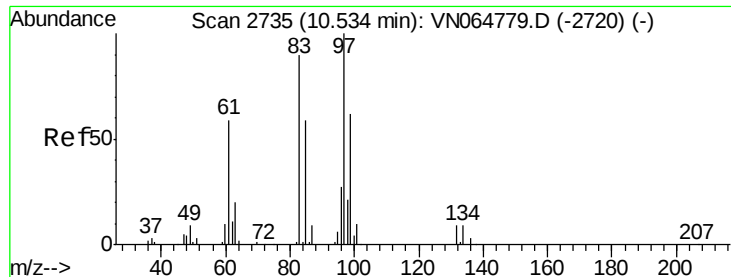
MMDadoda
11/24/2020 3:01:33 PM



#54
cis-1,3-Dichloropropene
Concen: 47.788 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 75 Resp: 171245
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3
39 43.7 35.6 53.4





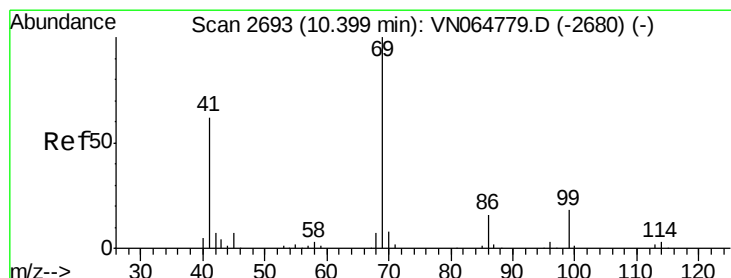
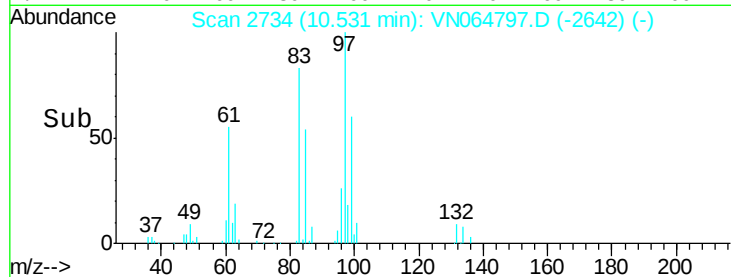
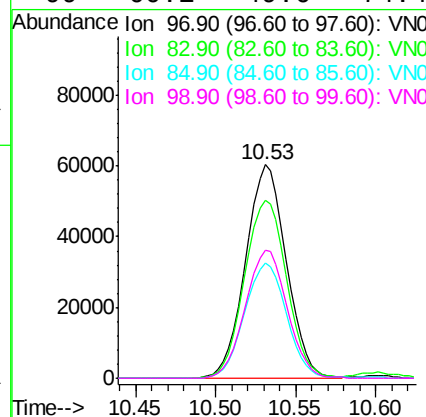
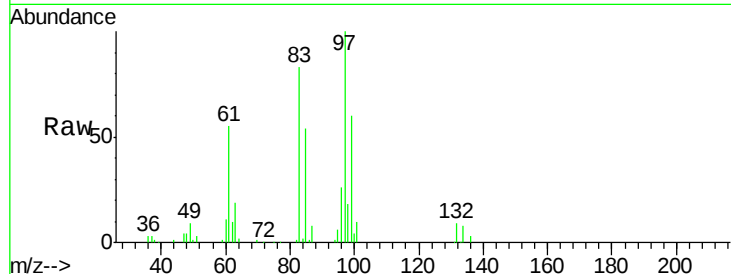
#55
 1,1,2-Trichloroethane
 Concen: 48.060 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	104941
Ion	Ratio	Lower	Upper
97	100		
83	83.2	72.1	108.1
85	53.7	46.8	70.2
99	60.1	49.6	74.4

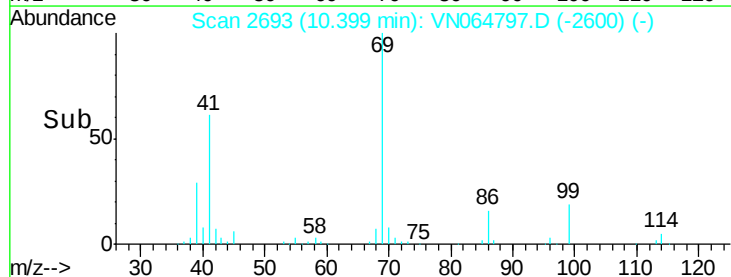
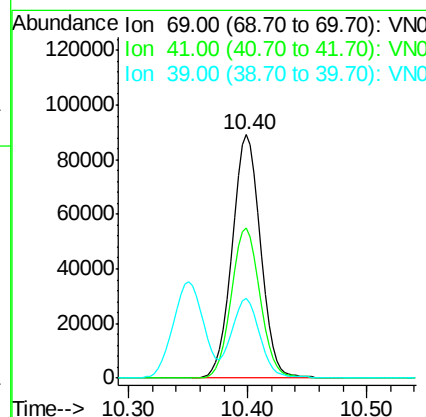
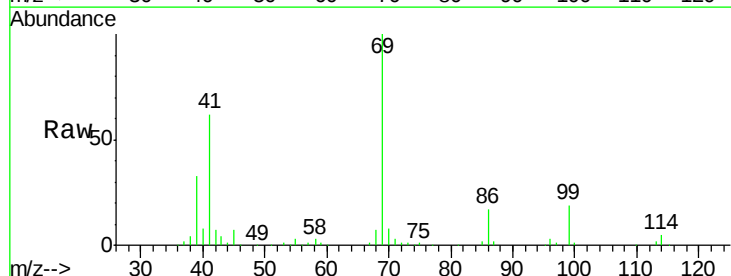
Manual Integrations
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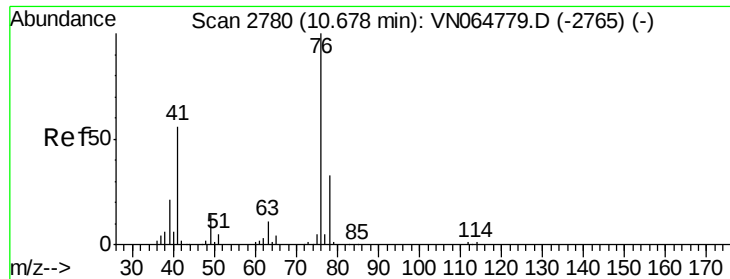
MMDadoda
 11/24/2020 3:01:33 PM



#56
 Ethyl methacrylate
 Concen: 49.039 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion:	69	Resp:	147764
Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.4	74.0
39	32.1	25.9	38.9





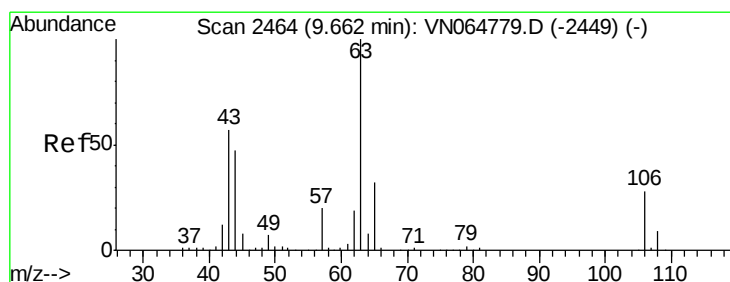
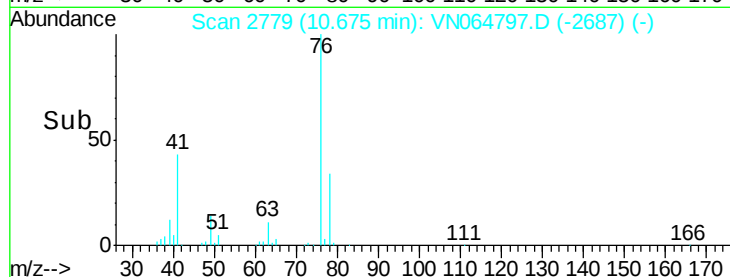
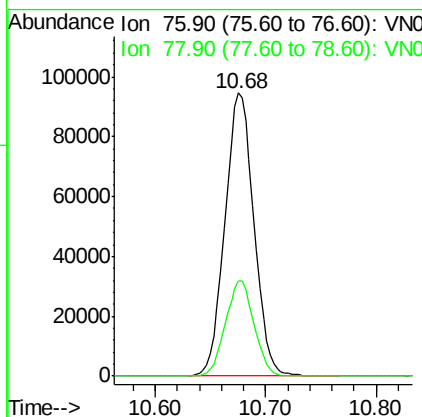
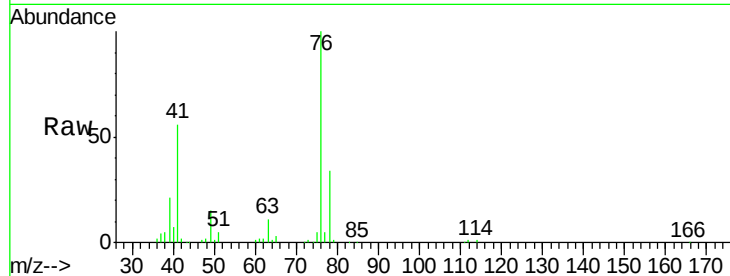
#57
 1,3-Dichloropropane
 Concen: 47.809 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 172205
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.1 39.1

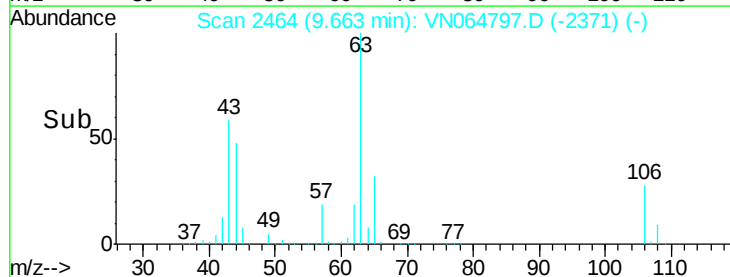
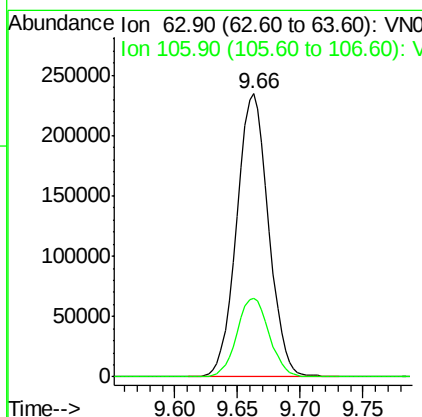
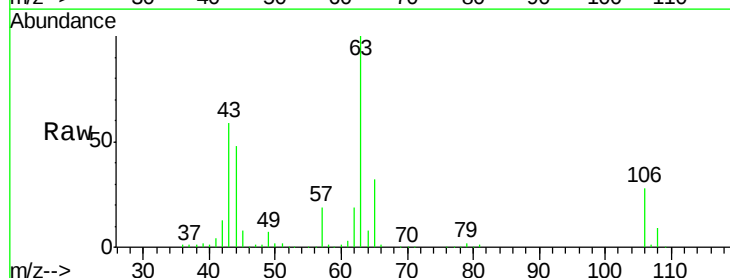
Manual Integrations
 APPROVED

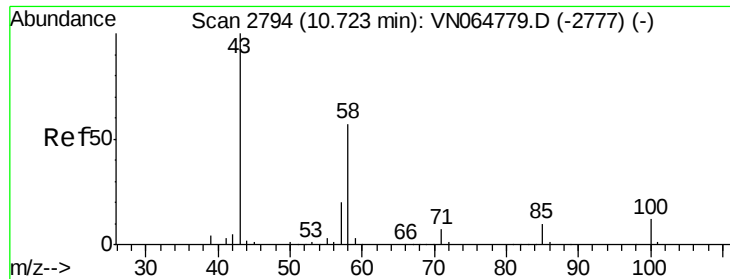
MMDadoda
 11/24/2020 3:01:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.927 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion: 63 Resp: 414249
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.7 34.1





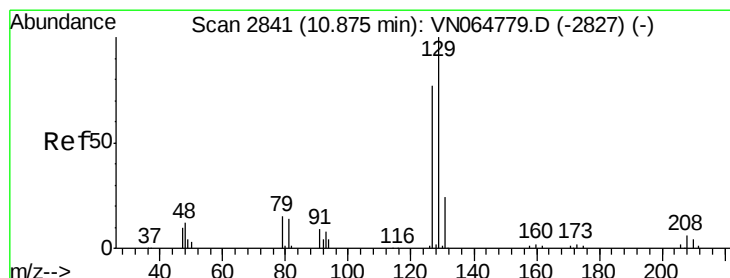
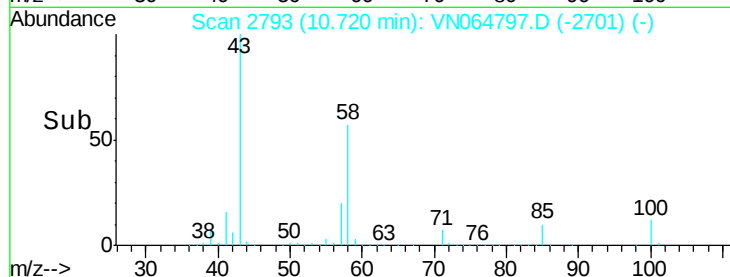
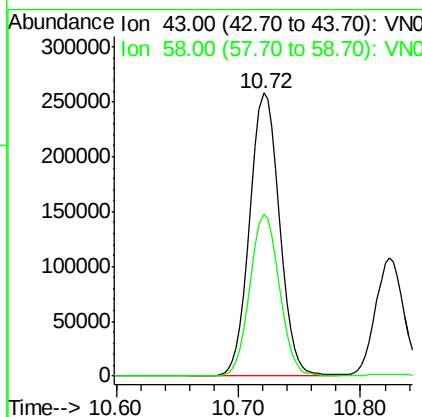
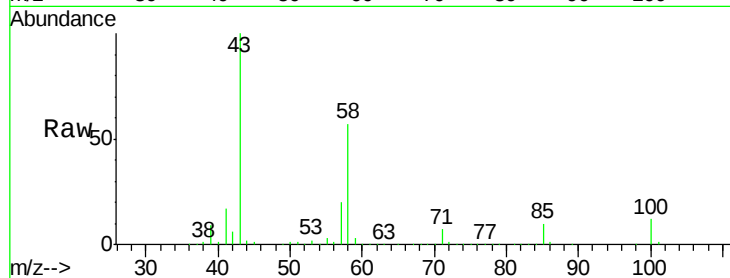
#59
2-Hexanone
Concen: 230.758 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 434842
Ion Ratio Lower Upper
43 100
58 56.6 28.3 84.9

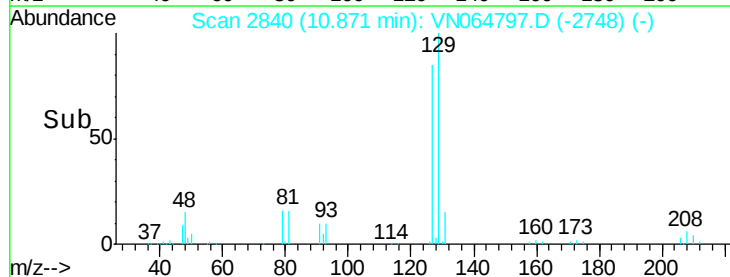
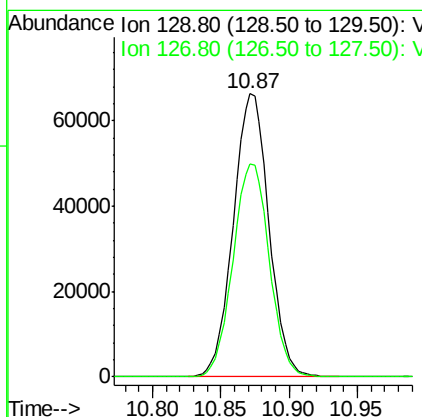
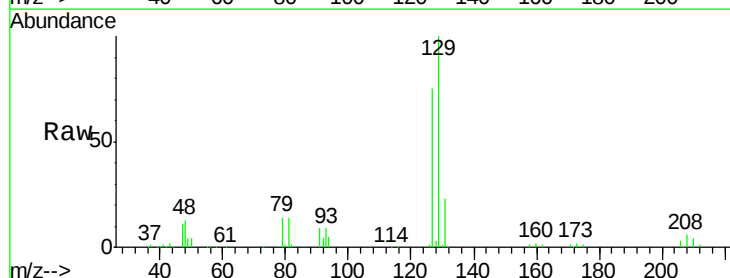
Manual Integrations
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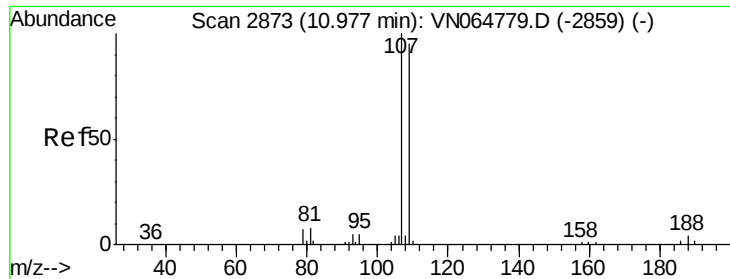
MMDadoda
11/24/2020 3:01:33 PM



#60
Dibromochloromethane
Concen: 49.520 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 129 Resp: 120194
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





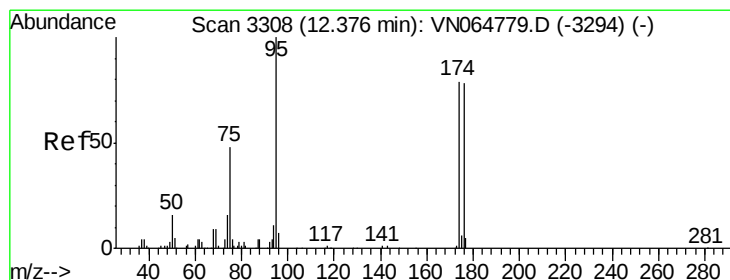
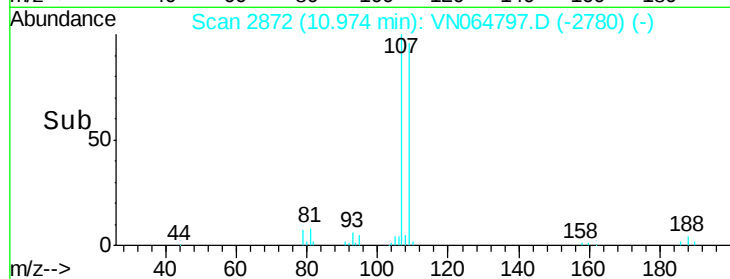
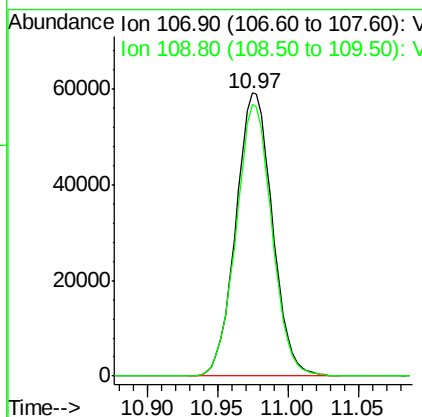
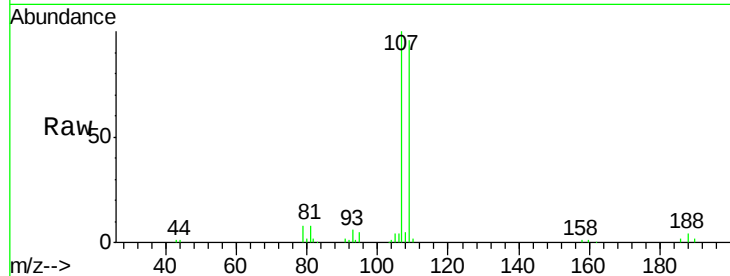
#61
 1,2-Dibromoethane
 Concen: 48.473 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	107533		
109	94.4	76.0	114.0	

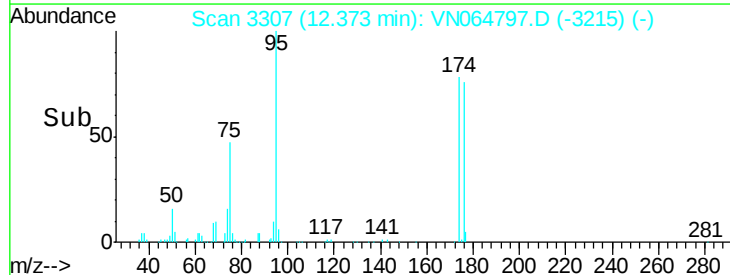
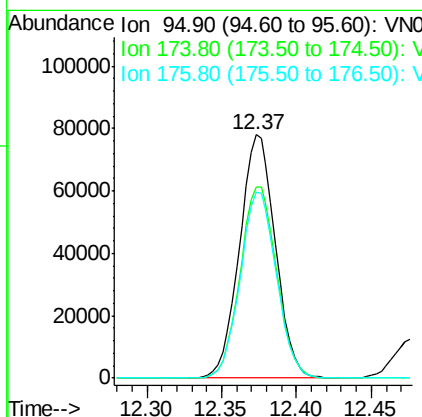
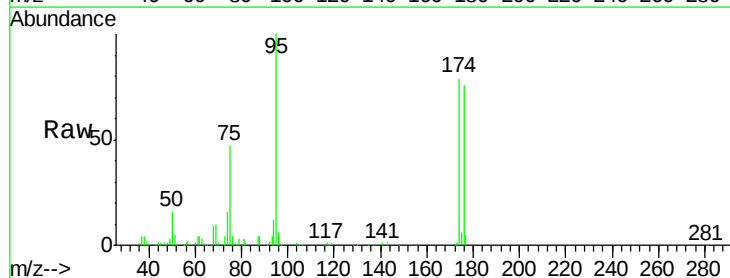
Manual Integrations
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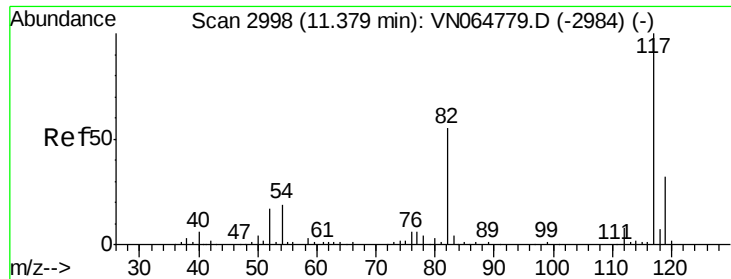
MMDadoda
 11/24/2020 3:01:33 PM



#62
 4-Bromofluorobenzene
 Concen: 48.943 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	130000		
174	80.4	0.0	160.4	
176	77.5	0.0	158.4	





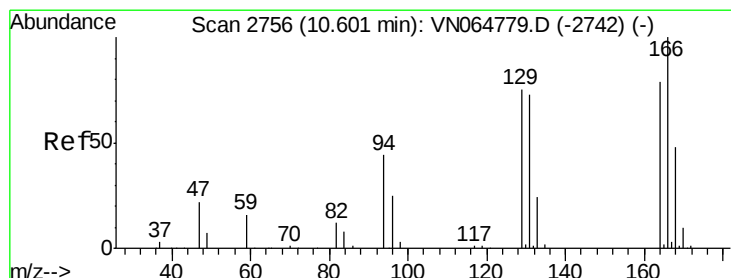
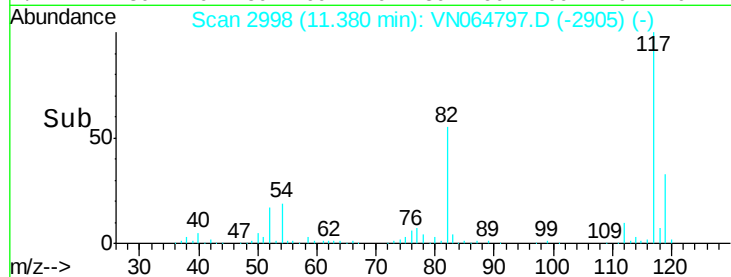
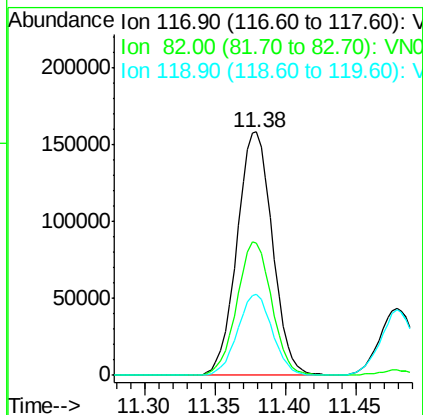
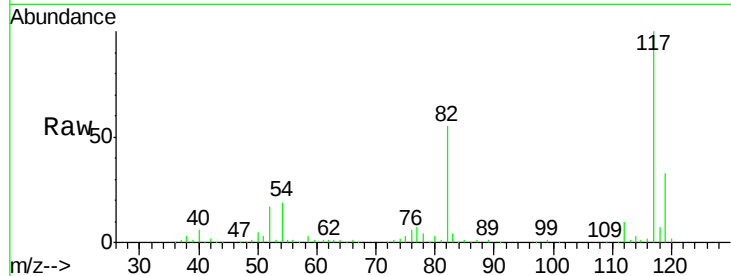
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.2
119	33.1	25.8	38.6

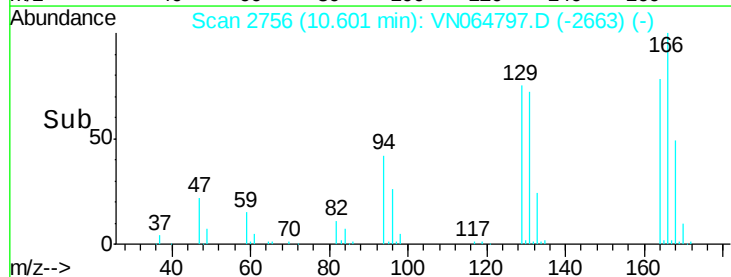
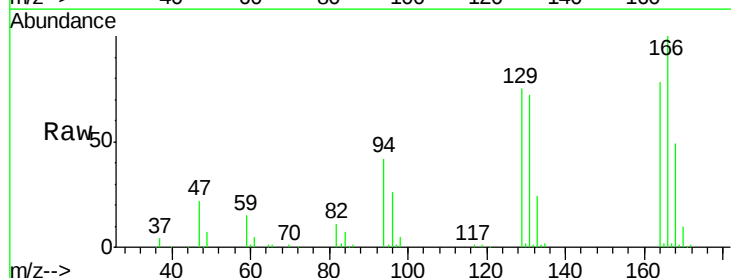
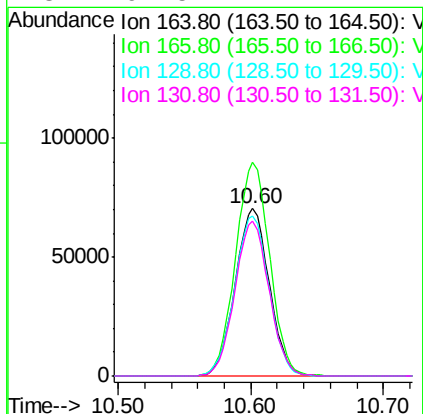
Manual Integrations
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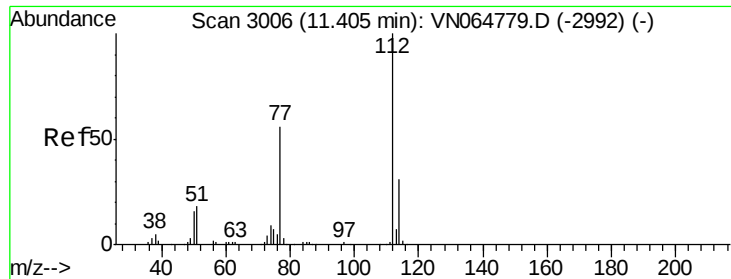
MMDadoda
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#64
Tetrachloroethene
Concen: 46.196 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.4	152.0
129	95.9	76.1	114.1
131	92.5	74.2	111.2





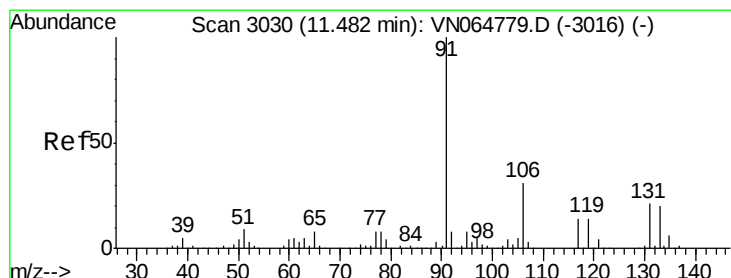
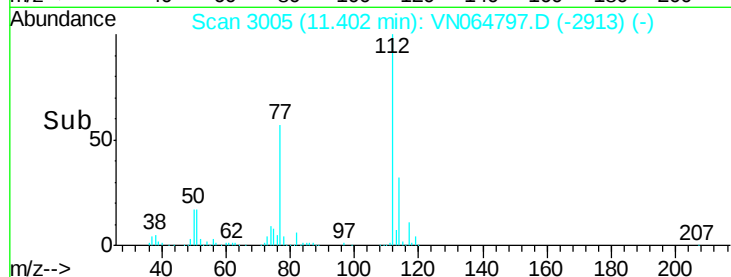
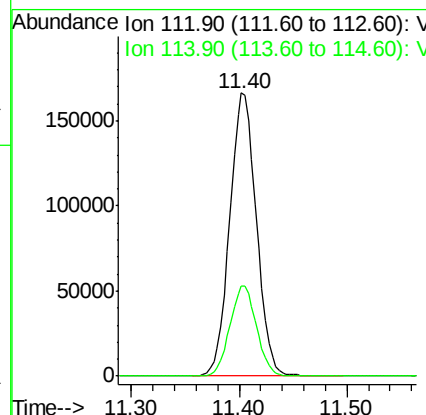
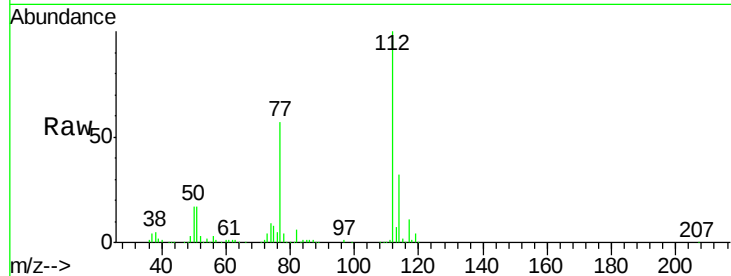
#65
Chlorobenzene
Concen: 47.791 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 286345
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

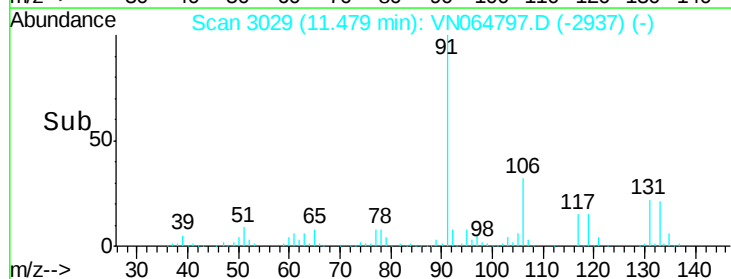
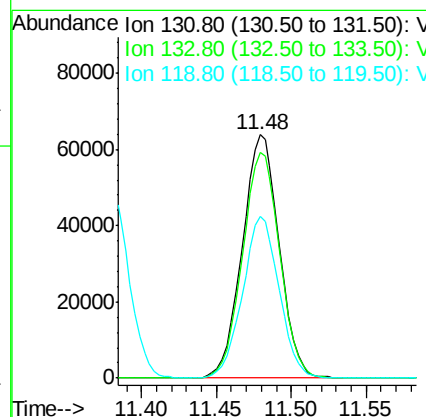
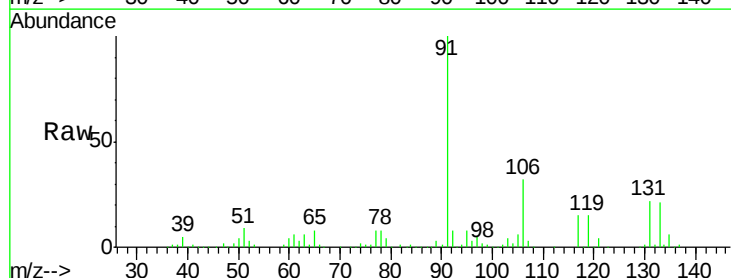
Manual Integrations
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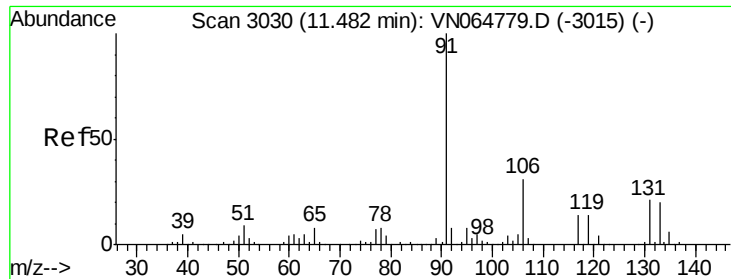
MMDadoda
11/24/2020 3:01:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.678 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion:131 Resp: 109389
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.5
119 65.6 33.3 99.8





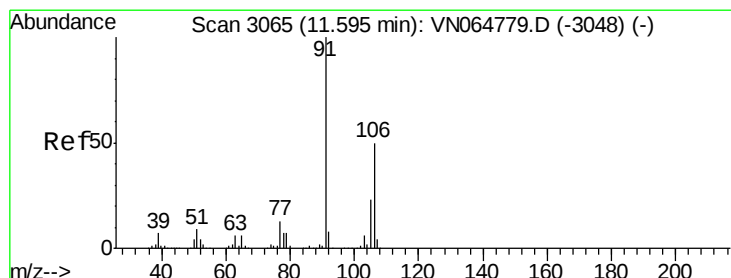
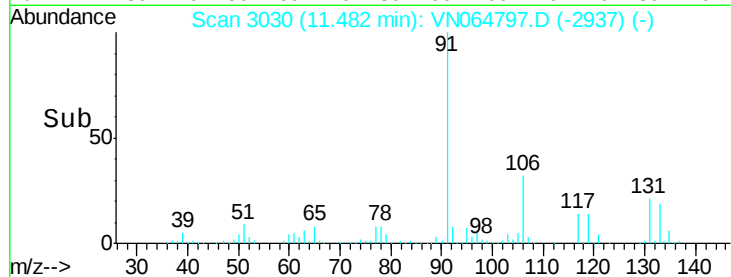
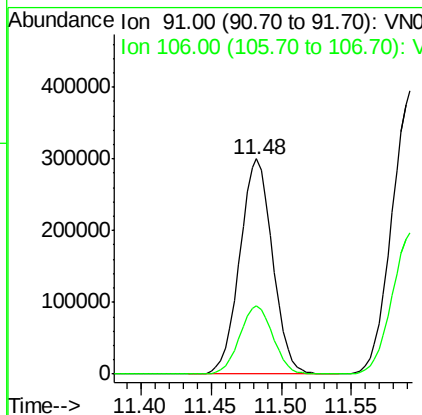
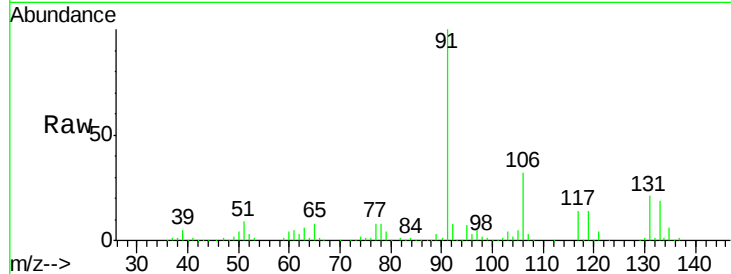
#67
Ethyl Benzene
Concen: 48.861 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 489075
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8

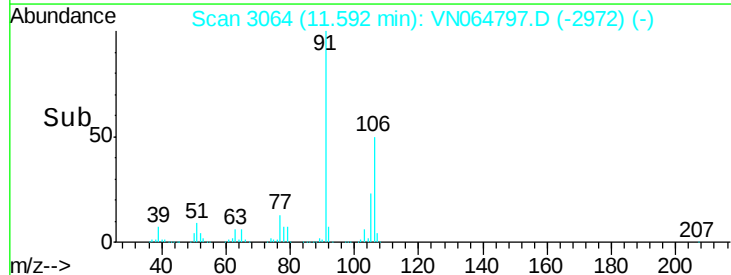
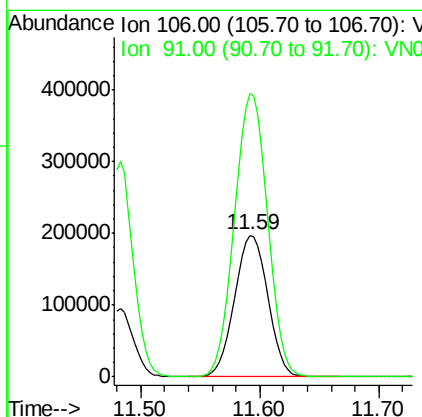
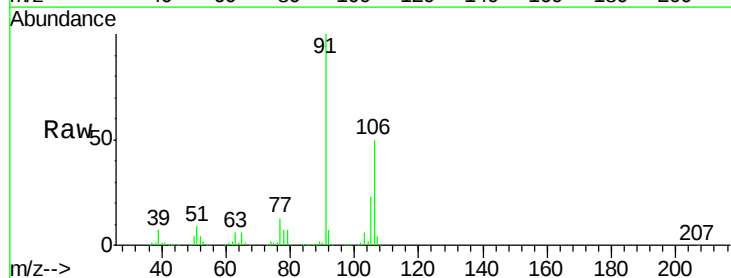
Manual Integrations
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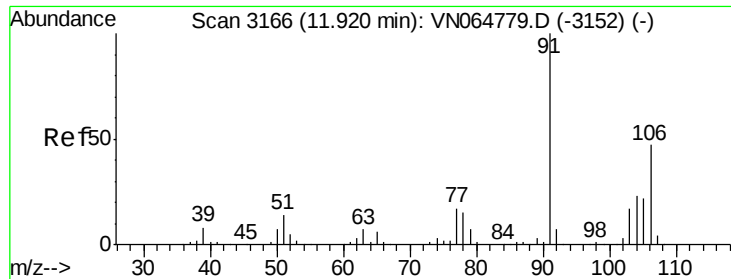
MMDadoda
11/24/2020 3:01:33 PM



#68
m/p-Xylenes
Concen: 100.726 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion: 106 Resp: 381717
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.4





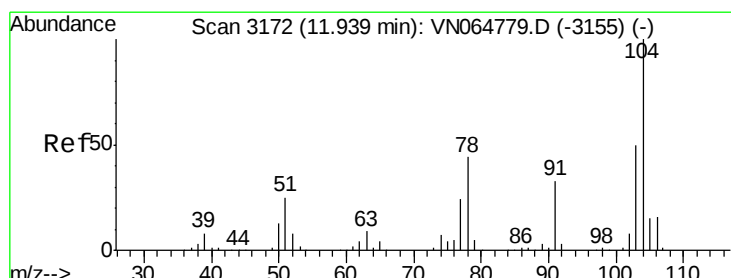
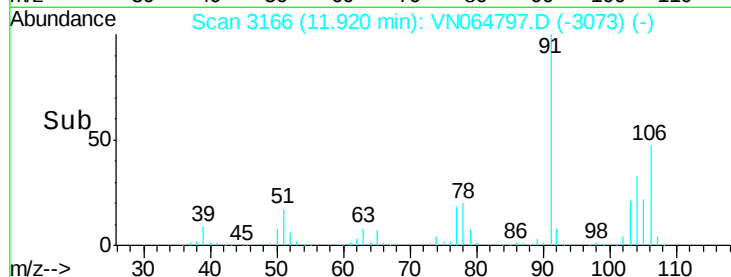
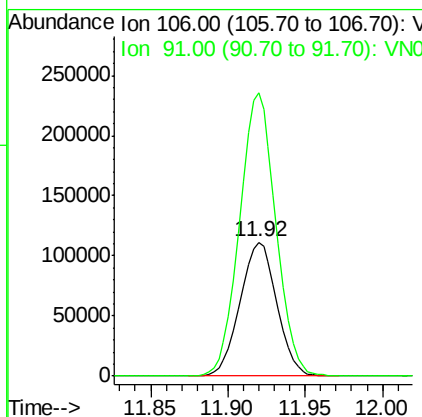
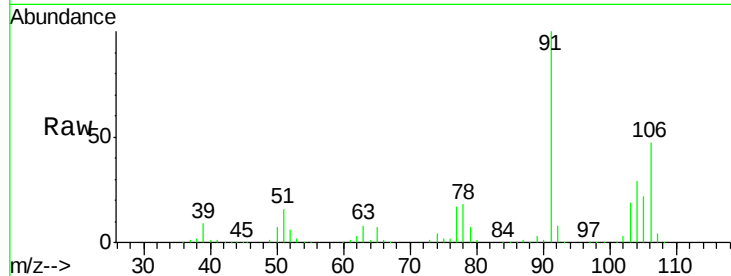
#69
o-Xylene
Concen: 51.085 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.1	105.5	316.5	

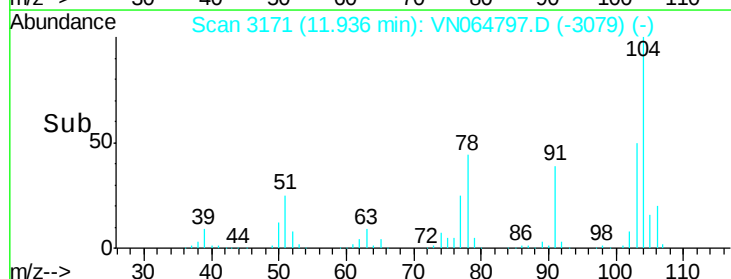
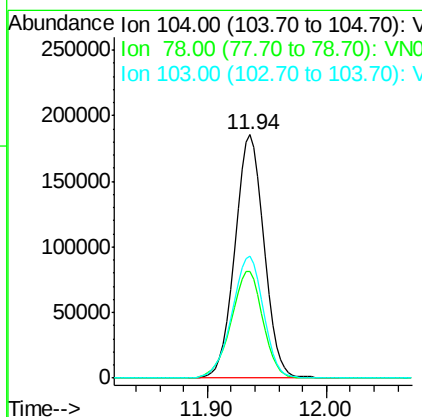
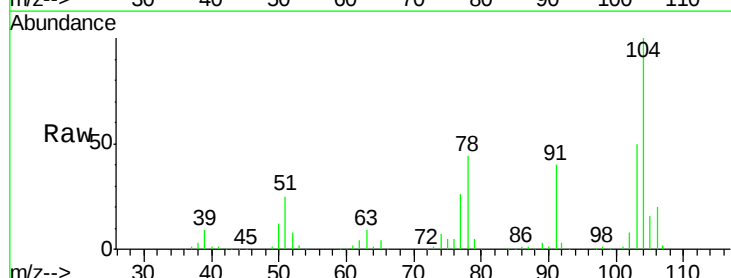
Manual Integrations
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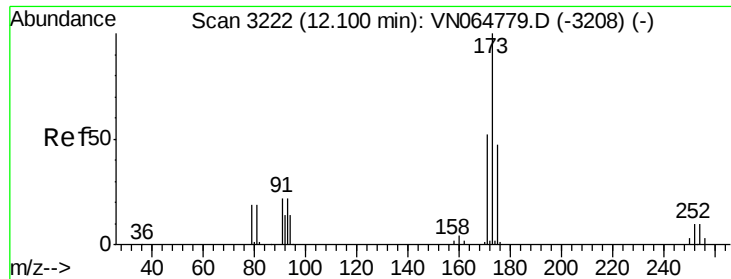
MMDadoda
11/24/2020 3:01:33 PM



#70
Styrene
Concen: 51.794 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.0	39.0	58.6	
103	54.3	44.3	66.5	





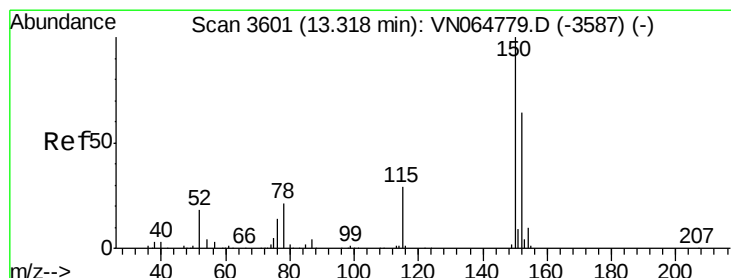
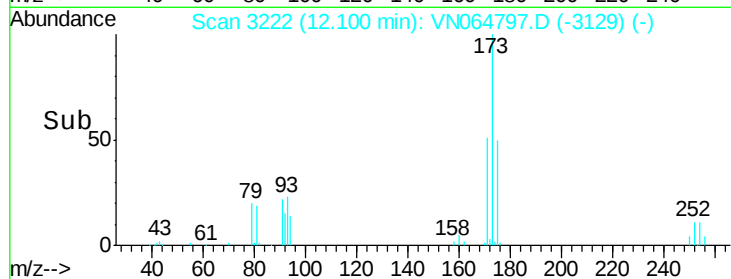
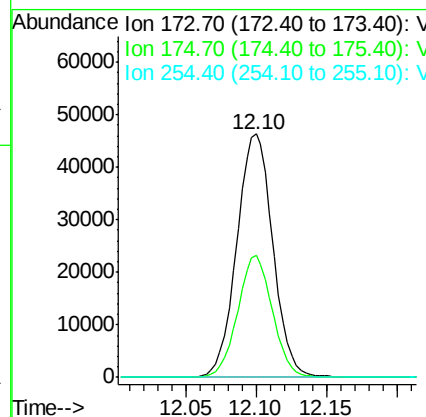
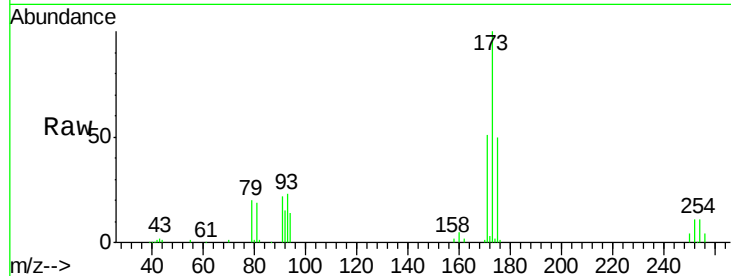
#71
Bromoform
Concen: 47.169 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.0	0.0	0.0

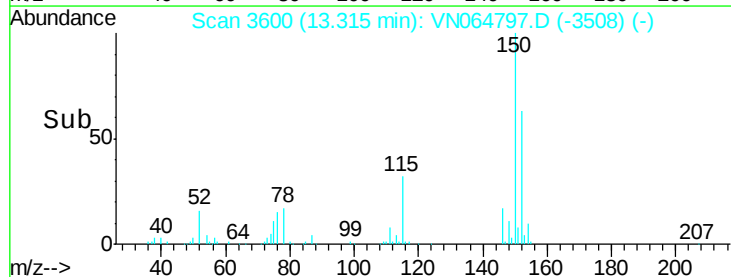
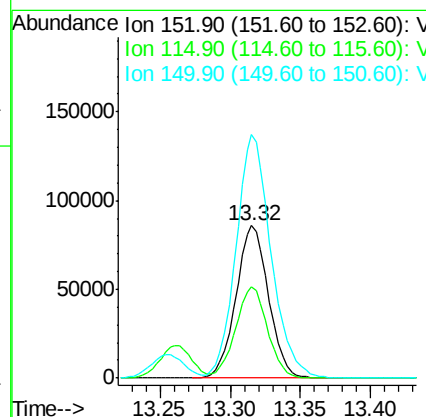
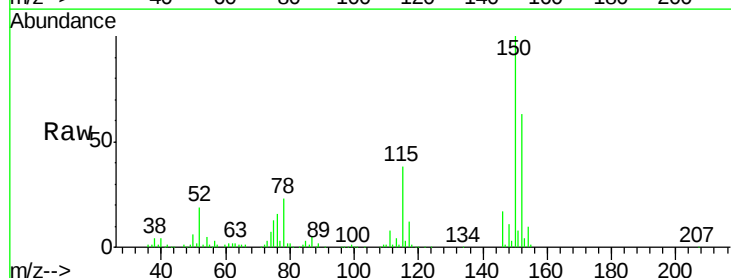
Manual Integrations
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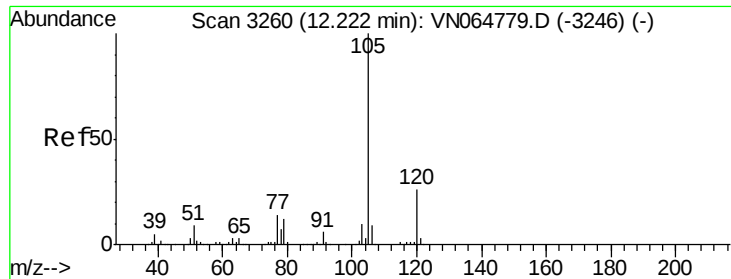
MMDadoda
11/24/2020 3:01:33 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.7	89.1
150	171.7	0.0	350.6





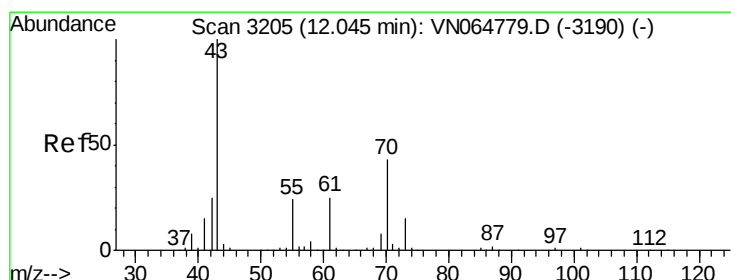
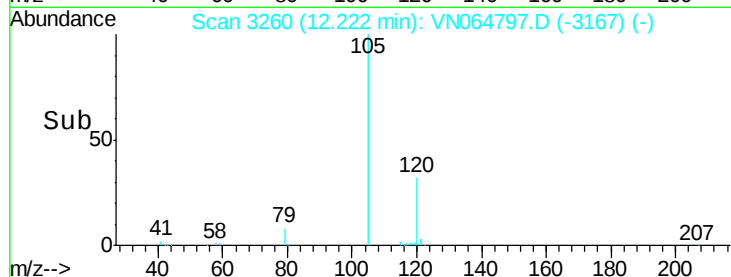
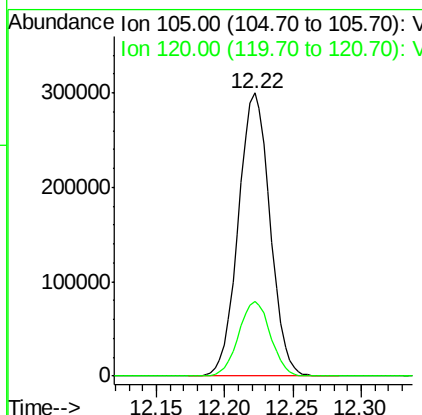
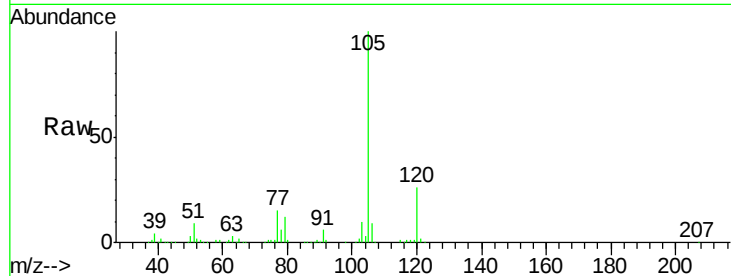
#73
Isopropylbenzene
Concen: 50.182 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.3	39.9

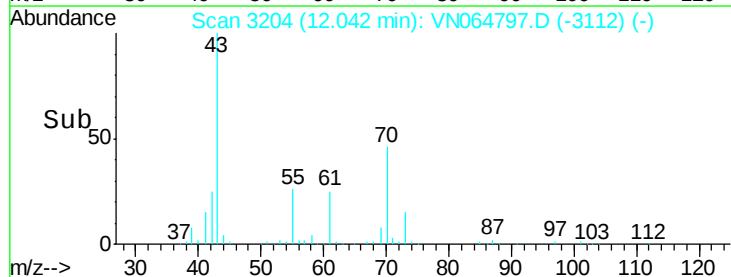
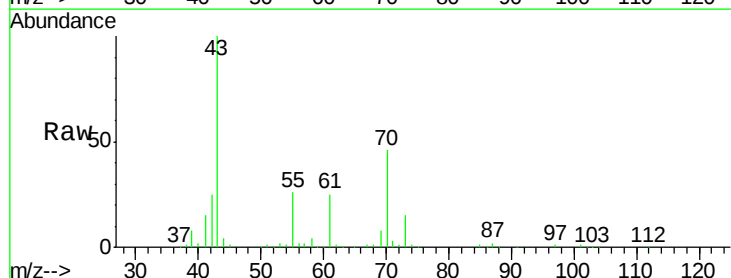
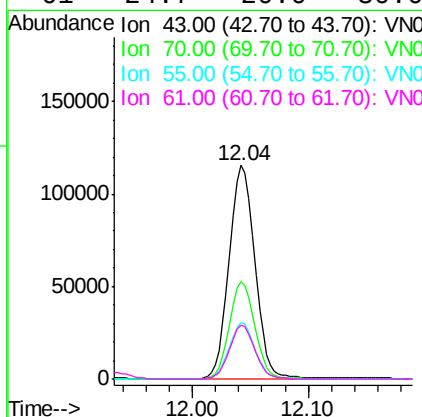
Manual Integrations
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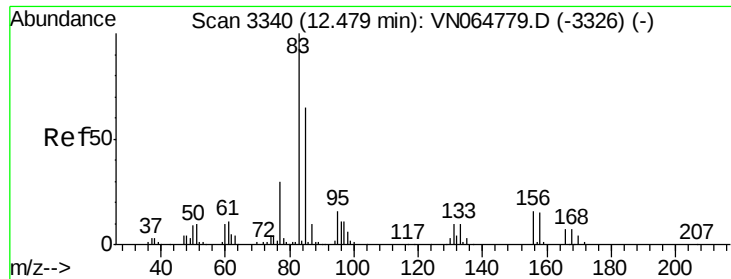
MMDadoda
11/24/2020 3:01:33 PM



#74
N-ethyl acetate
Concen: 47.109 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.6	34.5	51.7
55	26.1	20.4	30.6
61	24.7	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.866 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 129498
Ion Ratio Lower Upper

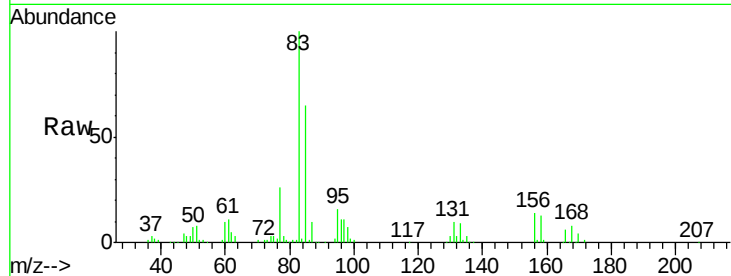
83 100

131 10.5 5.1 15.3

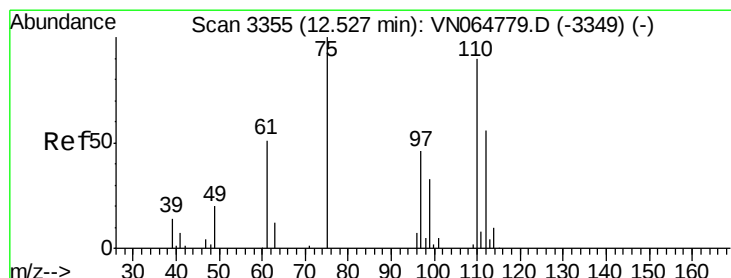
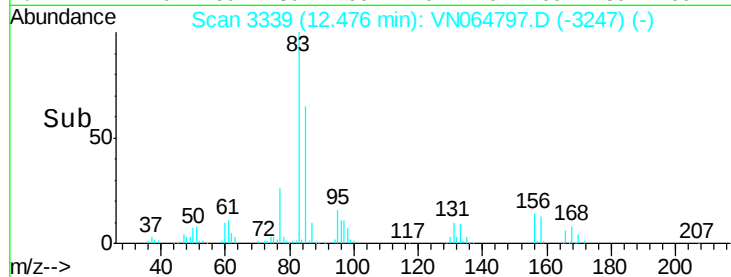
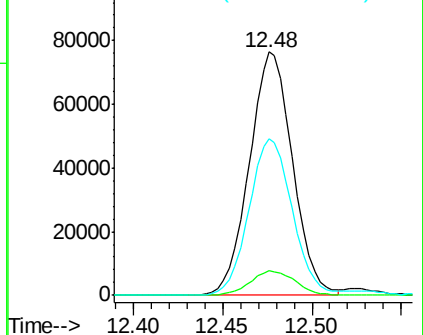
85 64.5 33.0 99.0

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Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 130.80 (130.50 to 131.50): VNC
Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 44.101 ug/l m

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

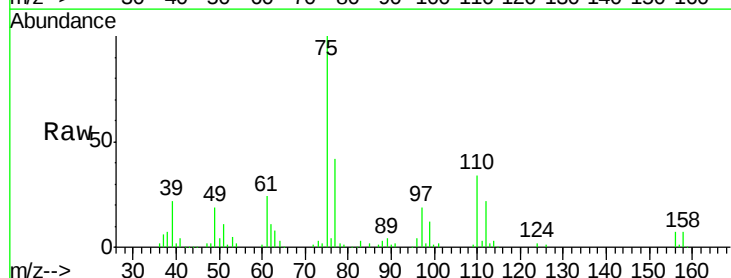
Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

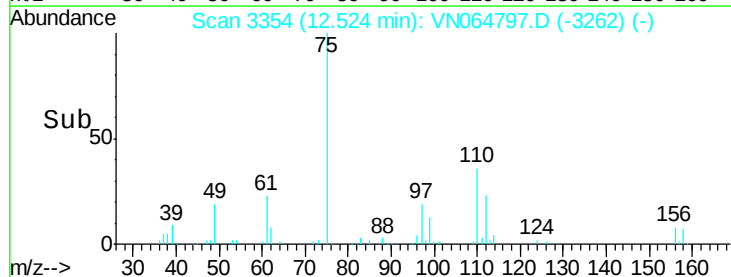
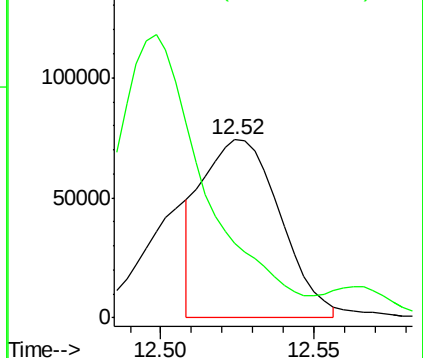
Tgt Ion: 75 Resp: 131526
Ion Ratio Lower Upper

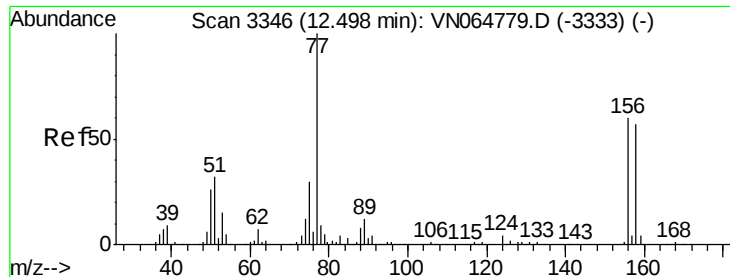
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 47.402 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

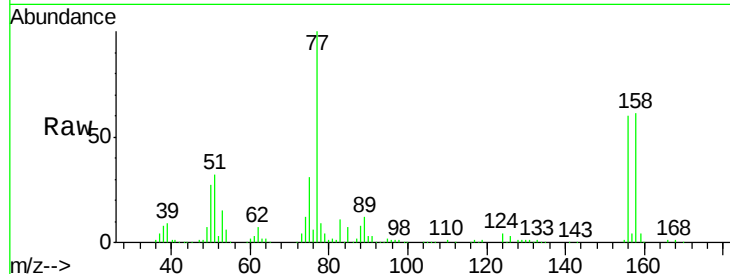
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	123100
Ion Ratio	Lower	Upper	
156	100		
77	199.1	101.3	303.7
158	97.7	48.2	144.6

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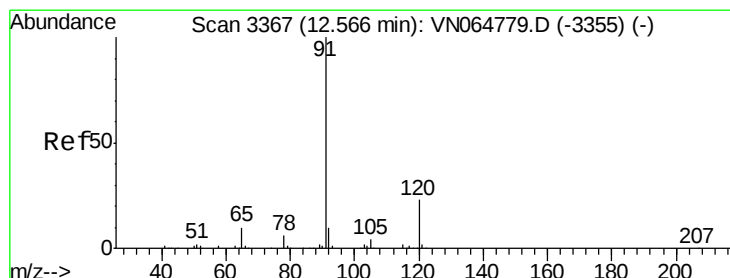
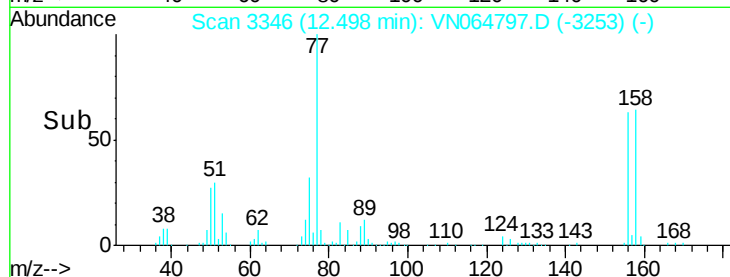
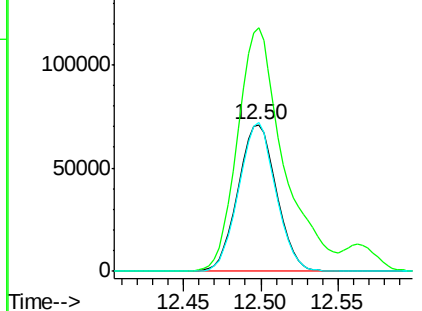
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.587 ug/l

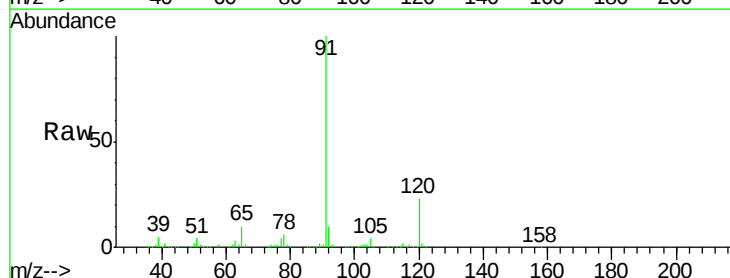
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064797.D

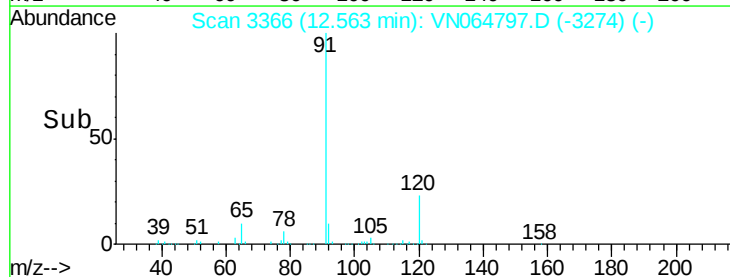
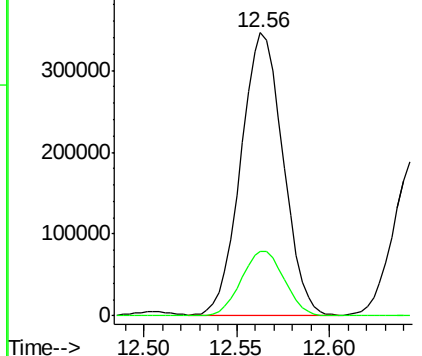
Acq: 24 Nov 2020 1:57

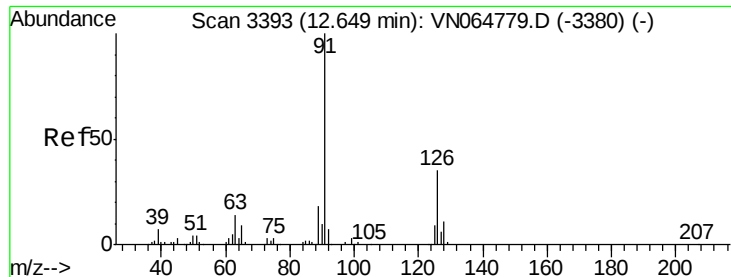
Tgt Ion:	91	Resp:	544144
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.642 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 323163

Ion Ratio Lower Upper

91 100

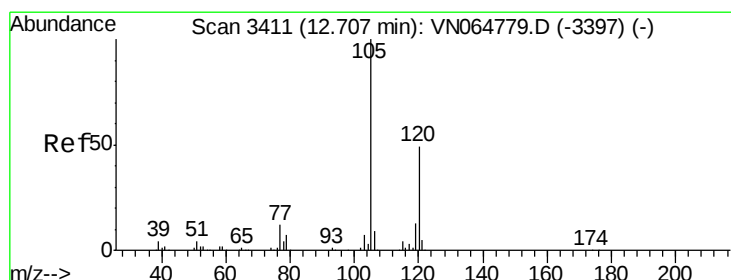
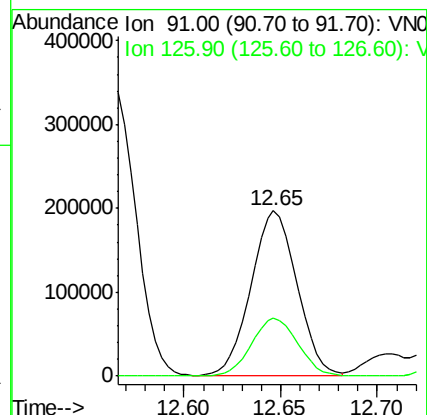
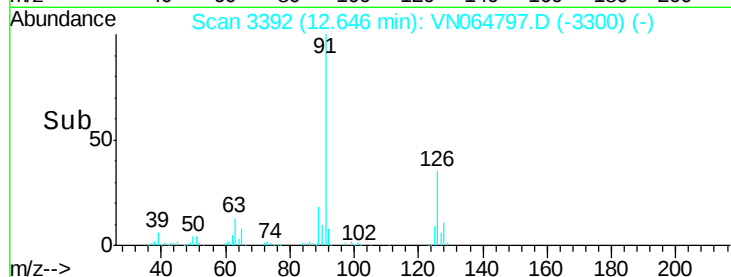
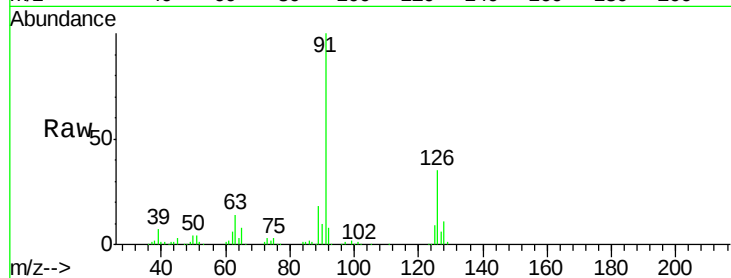
126 35.6 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.295 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064797.D

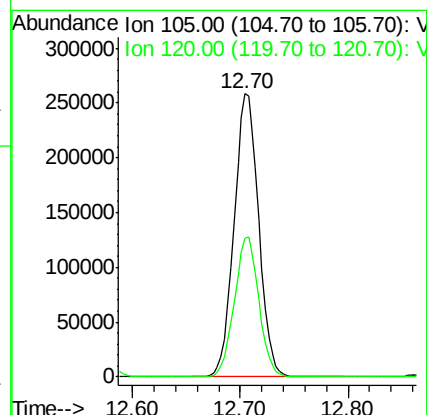
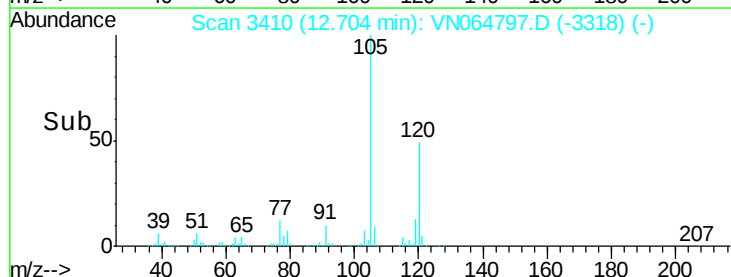
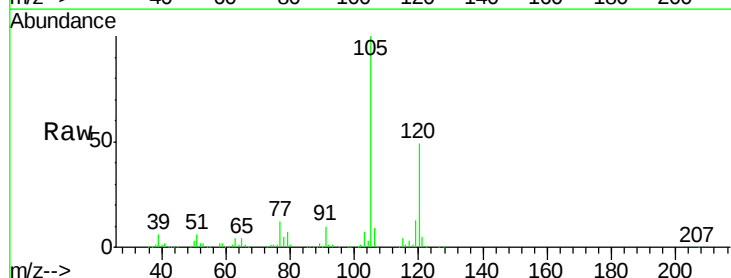
Acq: 24 Nov 2020 1:57

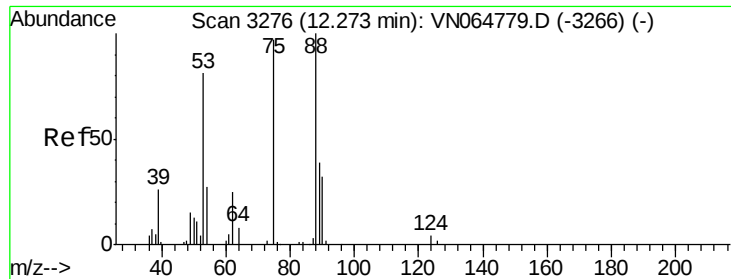
Tgt Ion: 105 Resp: 410700

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.6





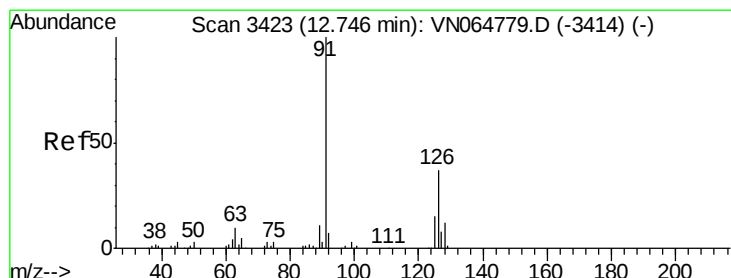
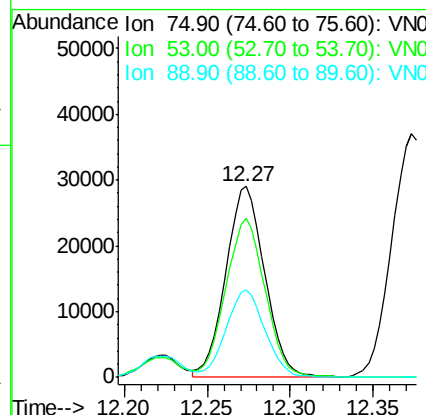
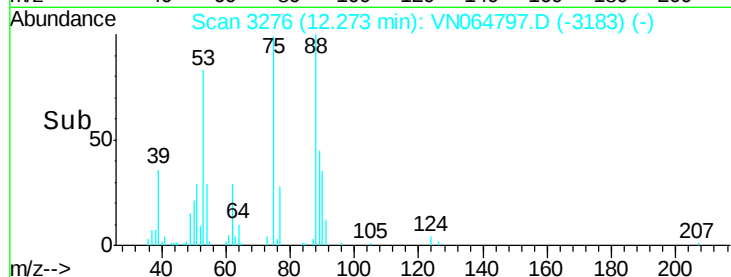
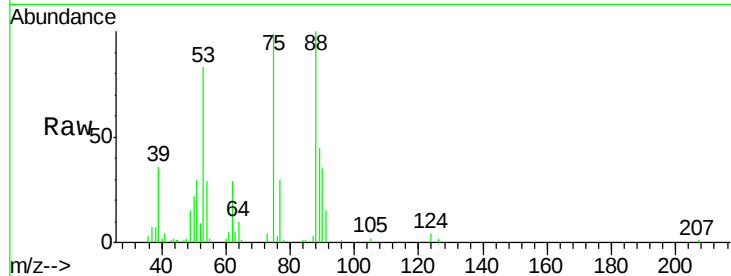
#81
trans-1,4-Dichloro-2-butene
Concen: 43.649 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.0	100.4
89	45.5	39.6	59.4

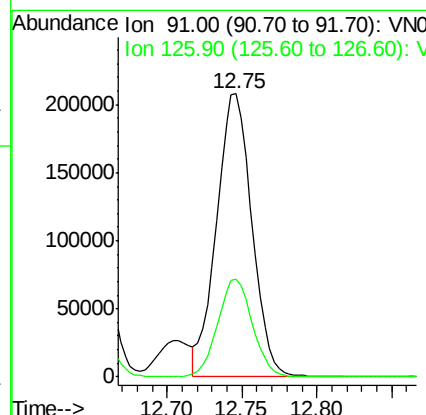
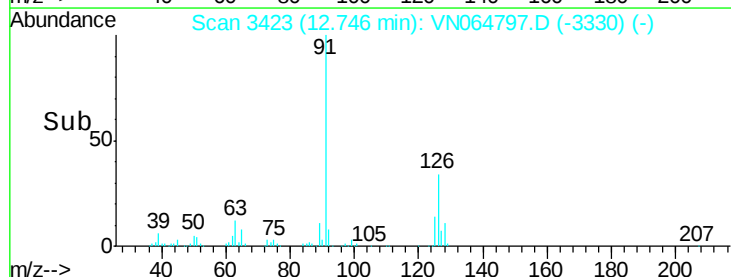
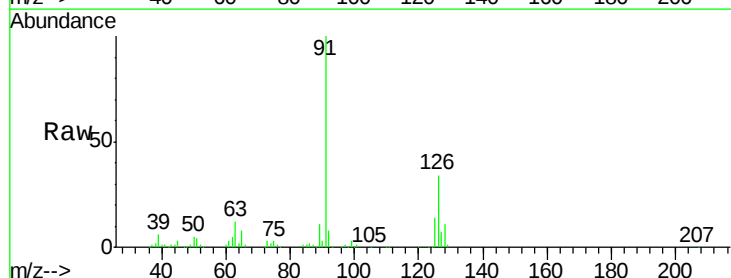
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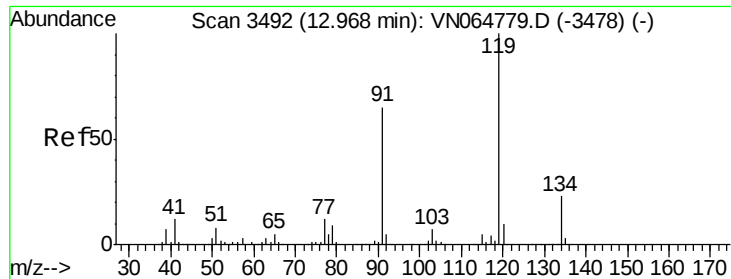
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#82
4-Chlorotoluene
Concen: 47.903 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.9	50.7





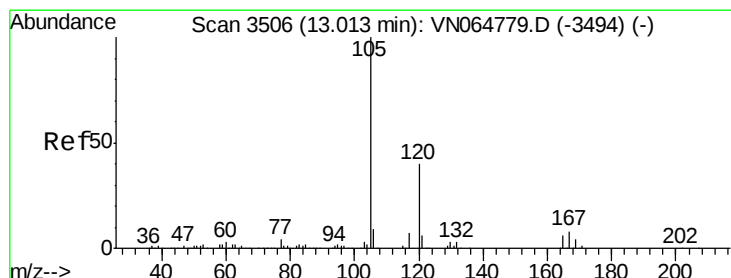
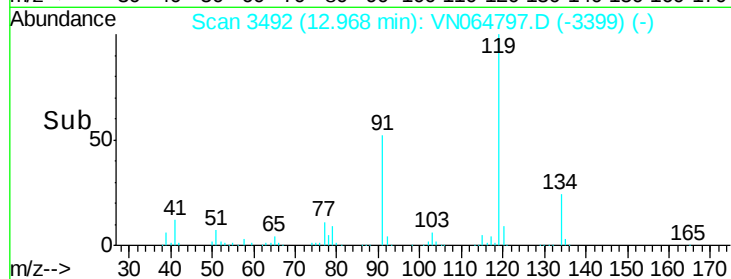
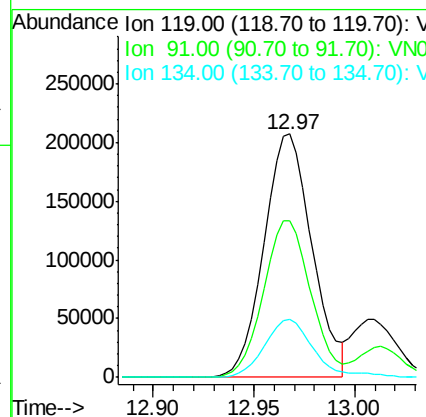
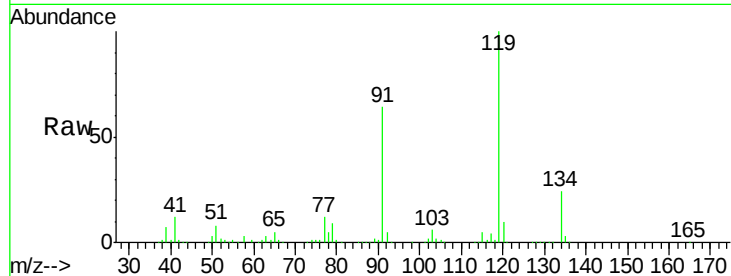
#83
tert-Butylbenzene
Concen: 51.286 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	32.3	96.8
134	24.4	12.6	37.6

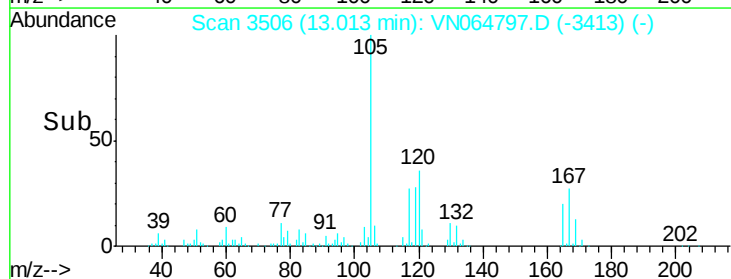
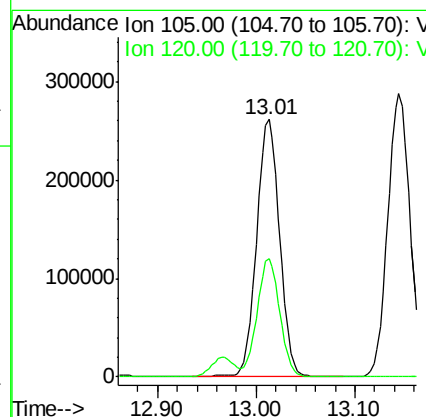
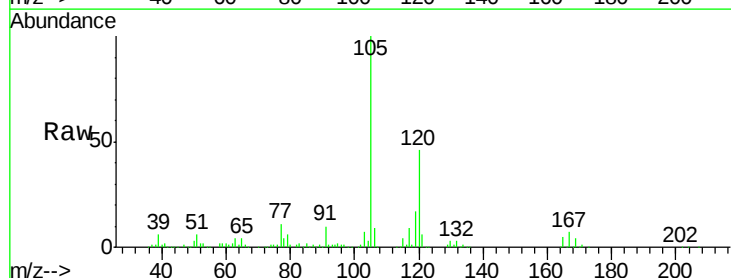
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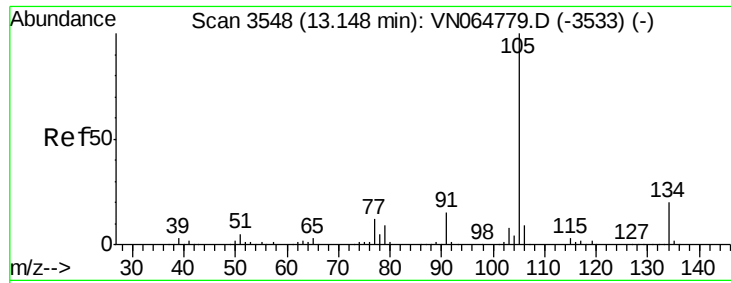
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#84
1,2,4-Trimethylbenzene
Concen: 51.835 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.2





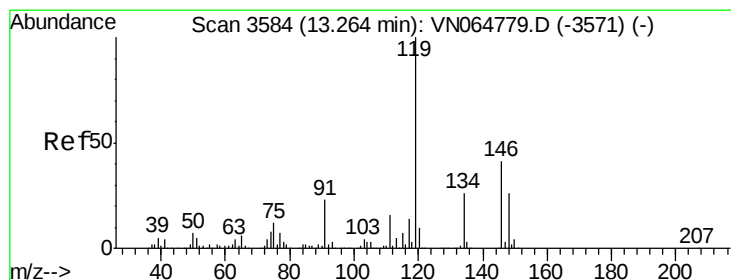
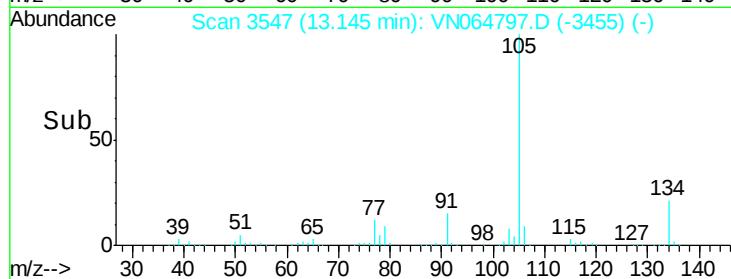
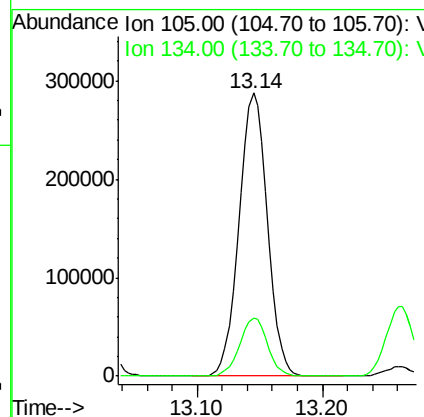
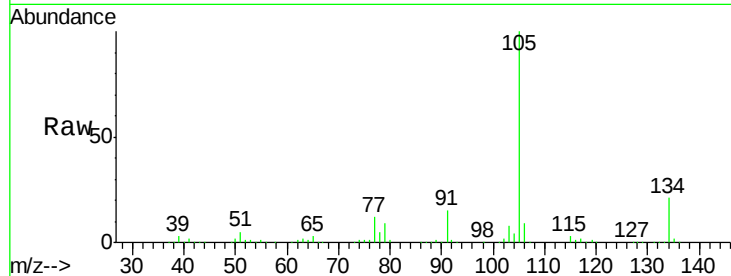
#85
 sec-Butylbenzene
 Concen: 50.626 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 451109
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

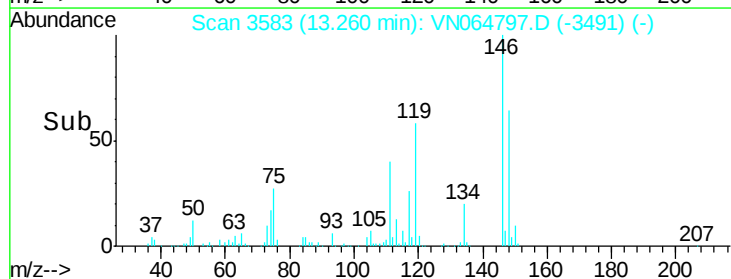
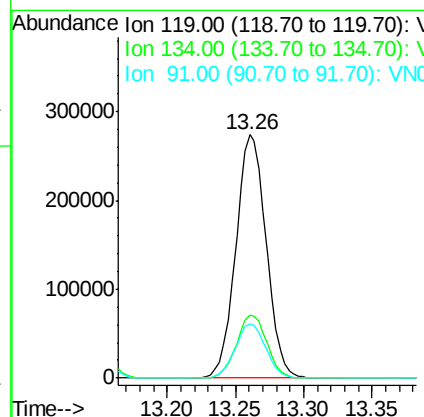
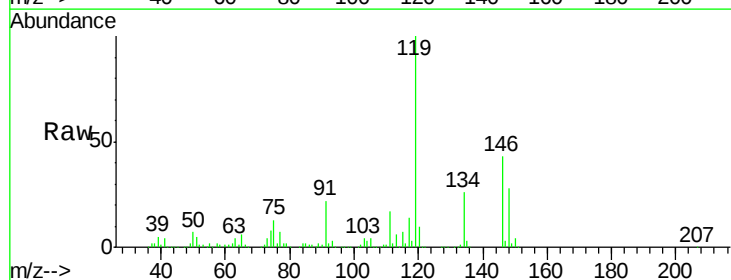
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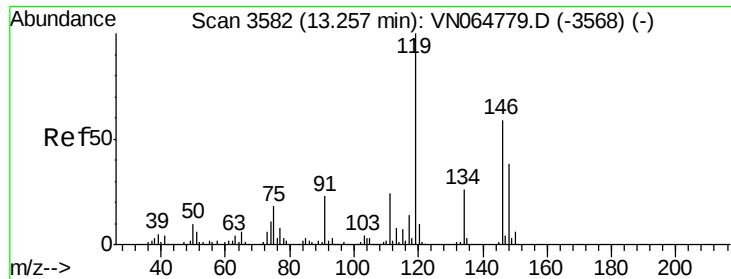
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#86
 p-Isopropyltoluene
 Concen: 51.925 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion:119 Resp: 421239
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 22.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 47.159 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064797.D

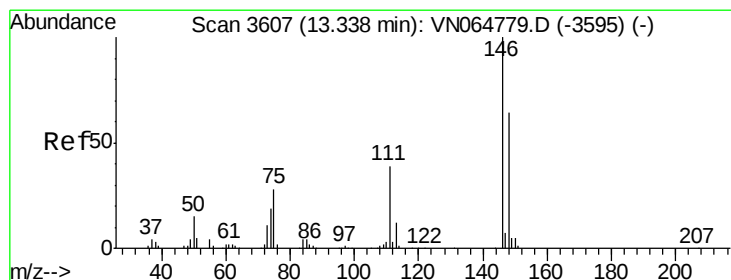
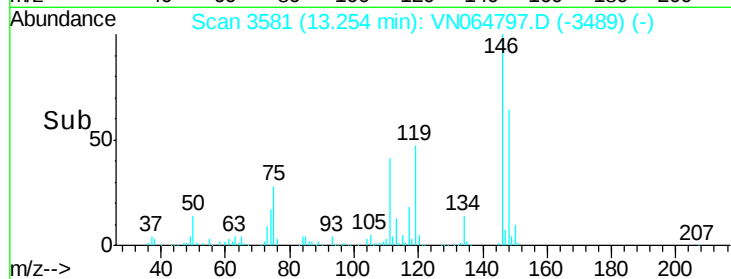
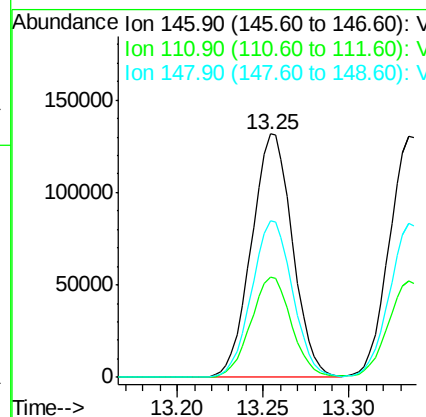
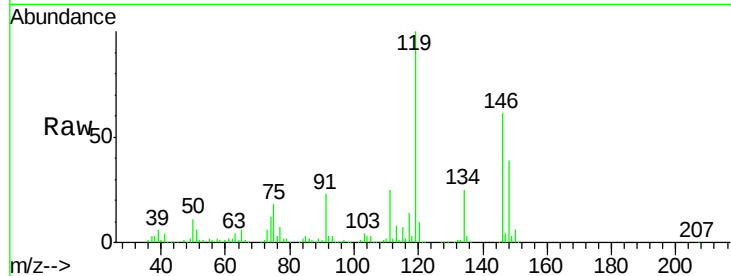
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	217588		
111	40.8	20.6	61.9	
148	64.3	31.9	95.5	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 44.865 ug/l

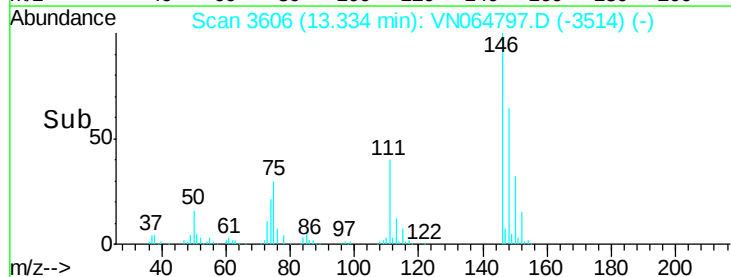
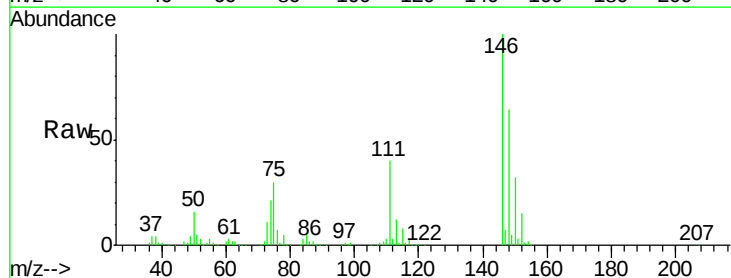
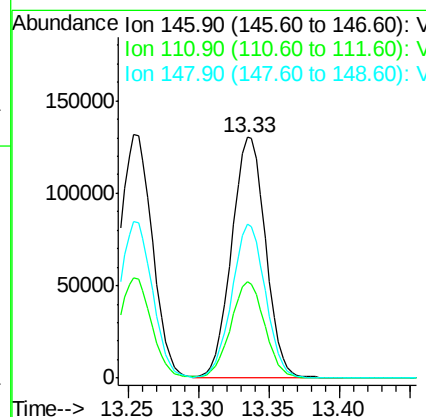
RT: 13.33 min Scan# 3606

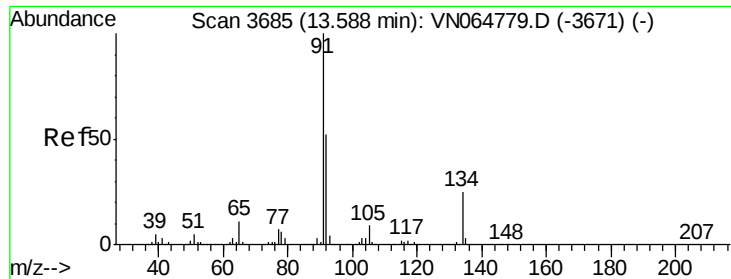
Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	218917		
111	40.0	19.8	59.3	
148	63.7	31.9	95.5	





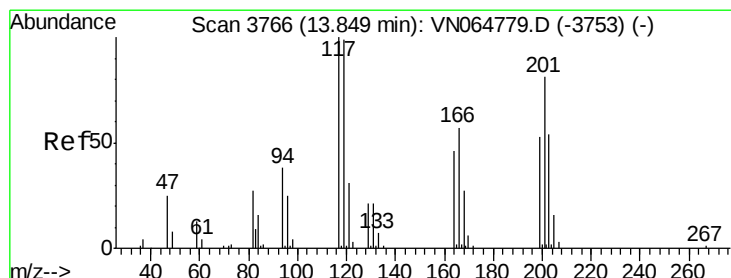
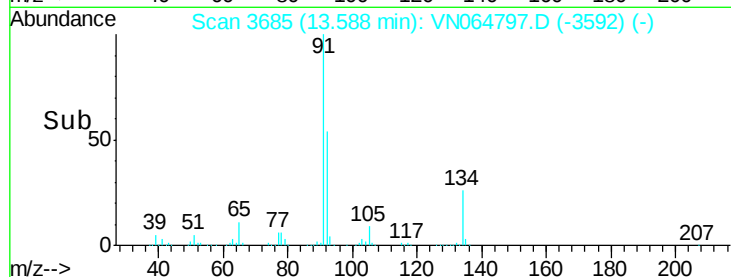
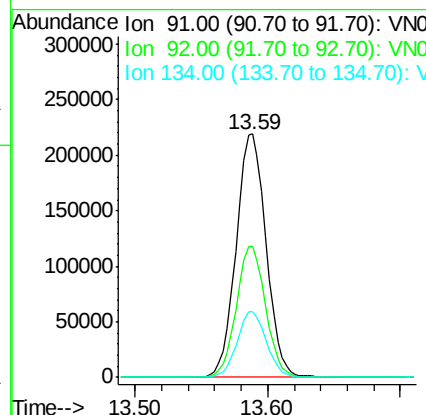
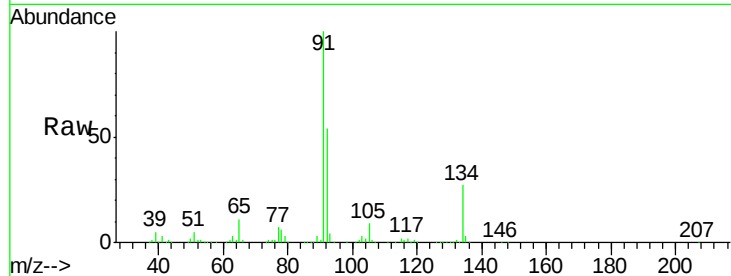
#89
n-Butylbenzene
Concen: 48.205 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	26.4	12.9	38.6

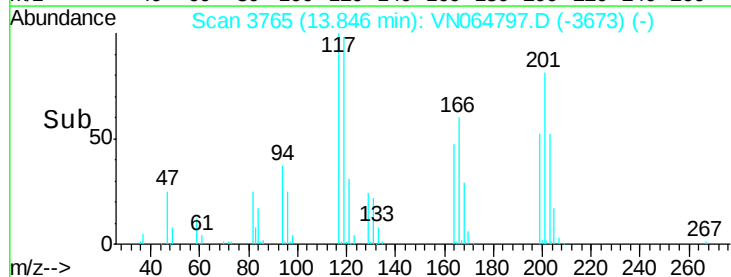
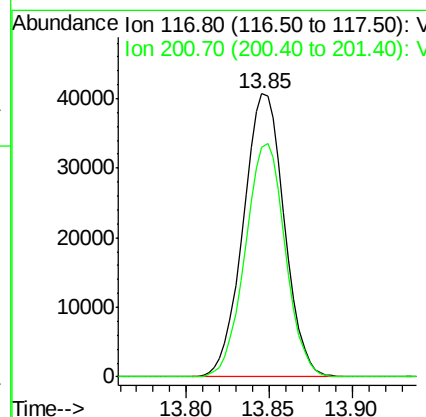
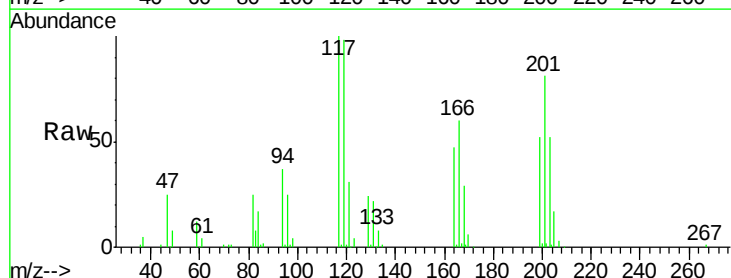
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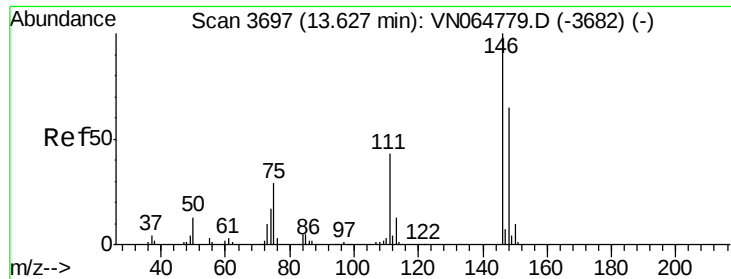
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#90
Hexachloroethane
Concen: 49.754 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064797.D
Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	40.1	120.3





#91

1,2-Dichlorobenzene

Concen: 47.131 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

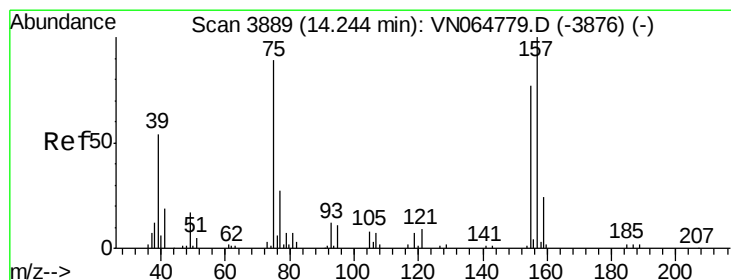
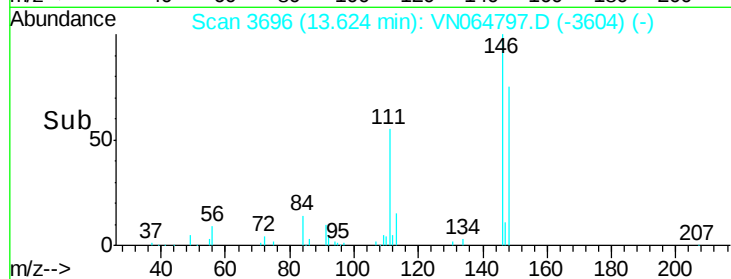
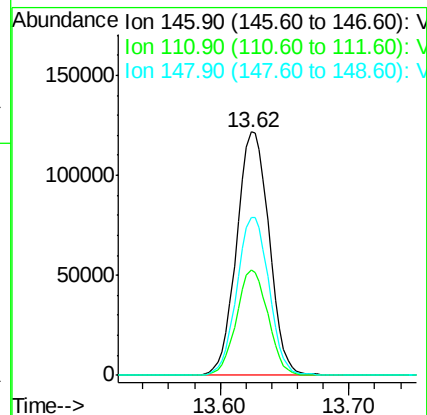
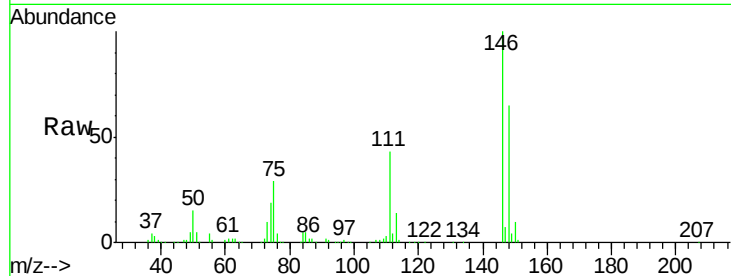
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	213521
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.1	63.1
148	64.4	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.201 ug/l

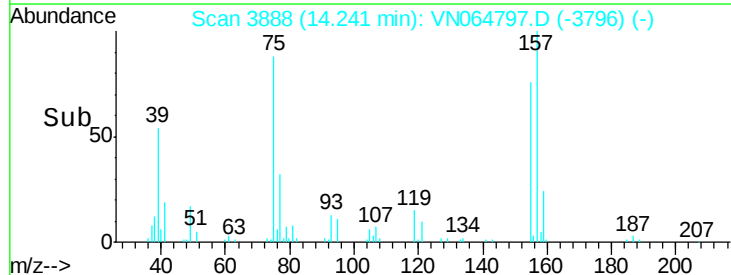
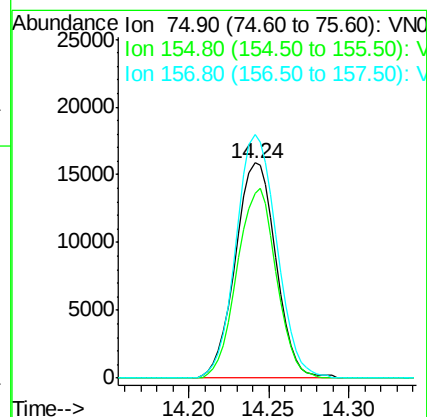
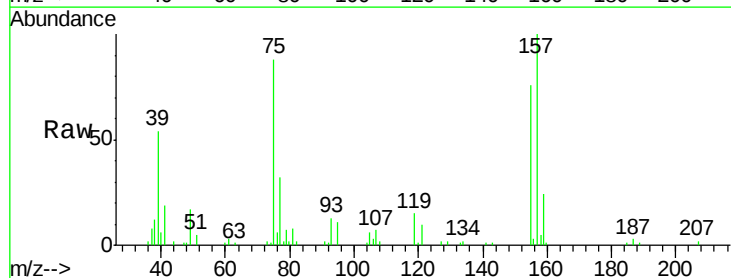
RT: 14.24 min Scan# 3888

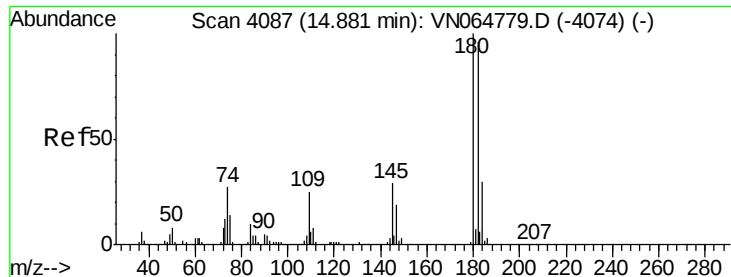
Delta R.T. -0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion:	75	Resp:	27445
Ion Ratio	Lower	Upper	
75	100		
155	85.2	42.8	128.3
157	113.7	56.4	169.1





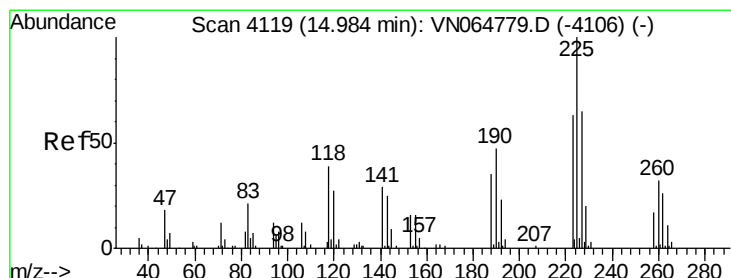
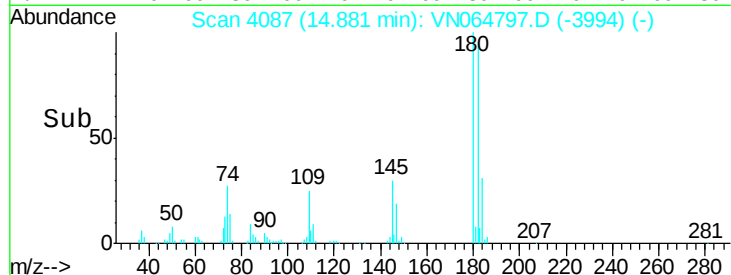
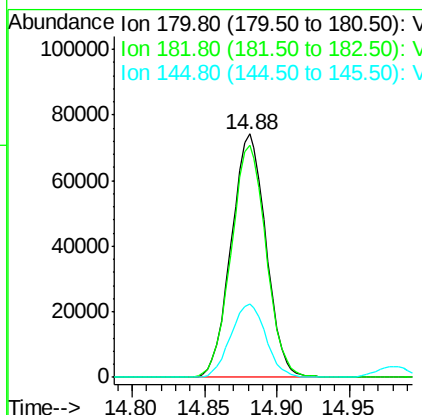
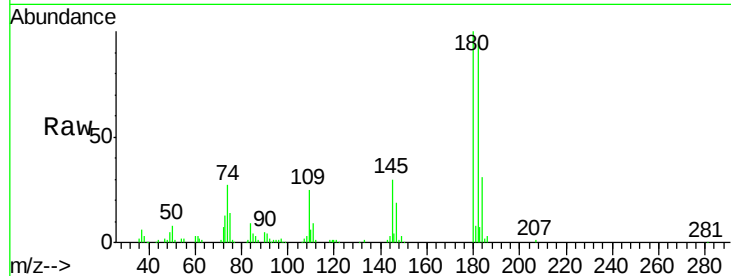
#93
 1,2,4-Trichlorobenzene
 Concen: 43.902 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.6	142.9	
145	30.7	15.3	45.8	

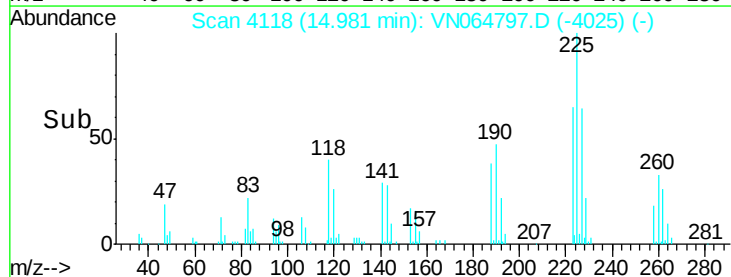
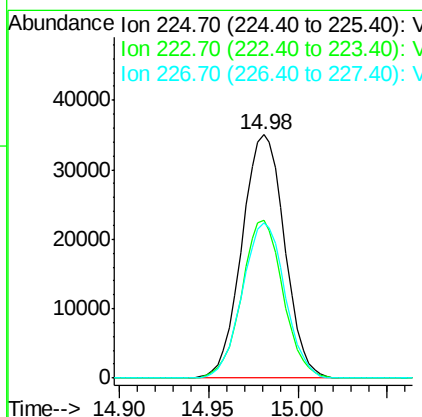
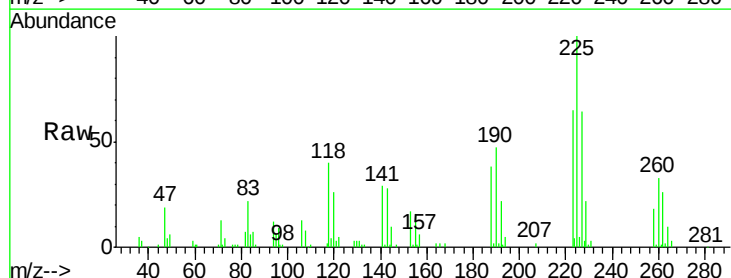
Manual Integrations
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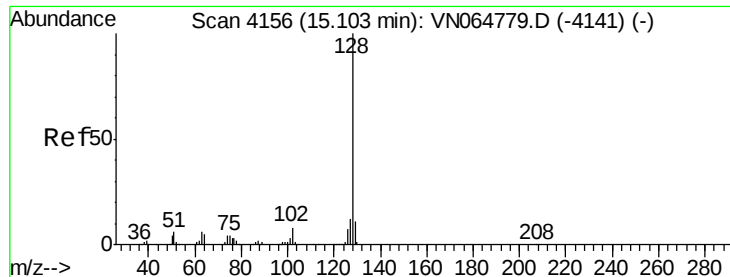
MMDadoda
 11/24/2020 3:01:33 PM



#94
 Hexachlorobutadiene
 Concen: 46.365 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064797.D
 Acq: 24 Nov 2020 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.0	93.0	
227	63.8	32.0	96.0	





#95

Naphthalene

Concen: 44.364 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Instrument :

MSVOA_N

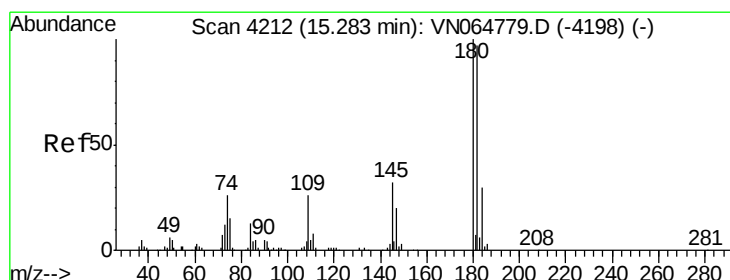
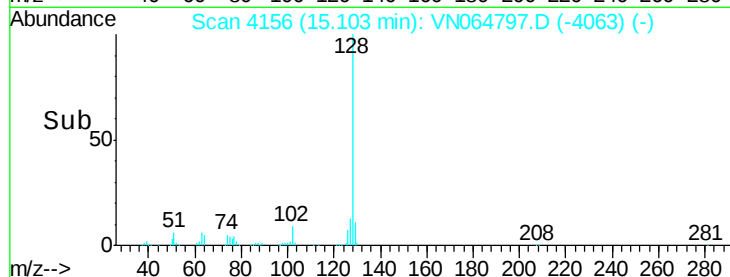
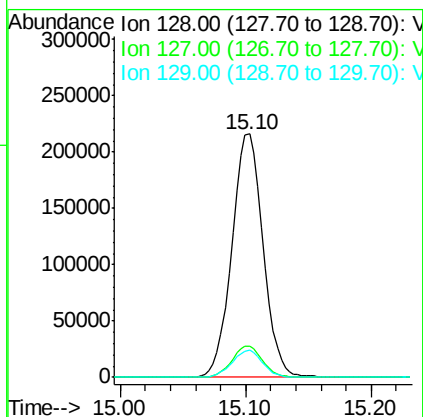
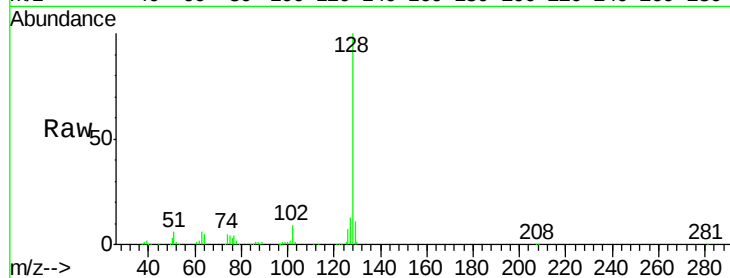
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	372481
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 46.123 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064797.D

Acq: 24 Nov 2020 1:57

Tgt Ion:	180	Resp:	122541
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.1	144.4
145	31.8	16.4	49.1

