

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064779.D
 Acq On : 23 Nov 2020 12:42
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 13:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136955	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108302	33.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	67.44%
35) Dibromofluoromethane	7.55	113	87196	50.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.28%
50) Toluene-d8	10.06	98	357563	46.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.38%
62) 4-Bromofluorobenzene	12.38	95	127585	44.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.14%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	79561	34.407	ug/l 100
3) Chloromethane	2.04	50	103279	39.531	ug/l 100
4) Vinyl Chloride	2.16	62	107474	39.582	ug/l 100
5) Bromomethane	2.53	94	71044	36.472	ug/l 100
6) Chloroethane	2.67	64	67973	37.581	ug/l 100
7) Trichlorofluoromethane	2.98	101	151122	32.015	ug/l 100
8) Diethyl Ether	3.37	74	60413	38.714	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	91628	43.102	ug/l 100
10) Methyl Iodide	3.90	142	123203	48.086	ug/l 100
11) Tert butyl alcohol	4.76	59	88413	262.787	ug/l 100
12) 1,1-Dichloroethene	3.69	96	90558	44.002	ug/l 100
13) Acrolein	3.57	56	52676	513.374	ug/l 100
14) Allyl chloride	4.27	41	151123	43.176	ug/l 100
15) Acrylonitrile	4.94	53	247472	253.510	ug/l 100
16) Acetone	3.78	43	184120	219.863	ug/l 100
17) Carbon Disulfide	4.00	76	237772	37.584	ug/l 100
18) Methyl Acetate	4.28	43	108662	42.473	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	307587	45.136	ug/l 100
20) Methylene Chloride	4.50	84	105844	42.538	ug/l 100
21) trans-1,2-Dichloroethene	4.98	96	99849	43.621	ug/l 100
22) Diisopropyl ether	5.91	45	316686	43.107	ug/l 100
23) Vinyl Acetate	5.85	43	1291421	218.373	ug/l 100
24) 1,1-Dichloroethane	5.80	63	184441	42.624	ug/l 100
25) 2-Butanone	6.79	43	316735	244.308	ug/l 100
26) 2,2-Dichloropropane	6.78	77	157332	38.920	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	115074	45.502	ug/l 100
28) Bromochloromethane	7.15	49	83533	38.551	ug/l 100
29) Tetrahydrofuran	7.17	42	215225	246.459	ug/l 100
30) Chloroform	7.33	83	186361	40.055	ug/l 100
31) Cyclohexane	7.61	56	148134	41.183	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	161284	38.104	ug/l 100
36) 1,1-Dichloropropene	7.75	75	139222	45.549	ug/l 100
37) Ethyl Acetate	6.89	43	135590	52.272	ug/l 100
38) Carbon Tetrachloride	7.73	117	145639	45.214	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	149352	53.377	ug/l	100
40) Benzene	8.00	78	422287	49.058	ug/l	100
41) Methacrylonitrile	7.13	41	56458	48.000	ug/l	100
42) 1,2-Dichloroethane	8.09	62	140927	39.441	ug/l	100
43) Isopropyl Acetate	8.13	43	221166	44.670	ug/l	100
44) Trichloroethene	8.80	130	122313	48.954	ug/l	100
45) 1,2-Dichloropropane	9.09	63	110682	48.432	ug/l	100
46) Dibromomethane	9.17	93	73685	46.002	ug/l	100
47) Bromodichloromethane	9.37	83	149624	44.629	ug/l	100
48) Methyl methacrylate	9.17	41	108418	46.568	ug/l	100
49) 1,4-Dioxane	9.17	88	40239	1278.401	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	678956	251.903	ug/l	100
52) Toluene	10.13	92	265399	50.225	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	165363	46.008	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	181468	48.387	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	105016	49.568	ug/l	100
56) Ethyl methacrylate	10.40	69	159645	53.985	ug/l	100
57) 1,3-Dichloropropane	10.68	76	178591	48.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	442760	271.608	ug/l	100
59) 2-Hexanone	10.72	43	496959	255.342	ug/l	100
60) Dibromochloromethane	10.87	129	123368	50.205	ug/l	100
61) 1,2-Dibromoethane	10.98	107	111124	49.077	ug/l	100
64) Tetrachloroethene	10.60	164	130867	52.537	ug/l	100
65) Chlorobenzene	11.41	112	287582	48.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	110113	49.893	ug/l	100
67) Ethyl Benzene	11.48	91	504259	48.910	ug/l	100
68) m/p-Xylenes	11.59	106	386945	103.850	ug/l	100
69) o-Xylene	11.92	106	184487	51.005	ug/l	100
70) Styrene	11.94	104	315686	51.545	ug/l	100
71) Bromoform	12.10	173	86886	56.084	ug/l #	100
73) Isopropylbenzene	12.22	105	488408	50.471	ug/l	100
74) N-amyl acetate	12.04	43	195474	44.387	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	136610	50.253	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	149025m	50.719	ug/l	
77) Bromobenzene	12.50	156	124559	50.630	ug/l	100
78) n-propylbenzene	12.57	91	561363	49.988	ug/l	100
79) 2-Chlorotoluene	12.65	91	333377	46.656	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	416738	51.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	56134	52.809	ug/l	100
82) 4-Chlorotoluene	12.75	91	348902	45.999	ug/l	100
83) tert-Butylbenzene	12.97	119	341212	54.405	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	416335	50.925	ug/l	100
85) sec-Butylbenzene	13.15	105	455837	54.409	ug/l	100
86) p-Isopropyltoluene	13.26	119	425728	55.141	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	222212	49.802	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	224917	48.981	ug/l	100
89) n-Butylbenzene	13.59	91	358163	50.302	ug/l	100
90) Hexachloroethane	13.85	117	72121	56.031	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	217739	49.749	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30886	44.126	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	131450	53.686	ug/l	100
94) Hexachlorobutadiene	14.98	225	60300	48.672	ug/l	100
95) Naphthalene	15.10	128	404804	52.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	126559	53.746	ug/l	100

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

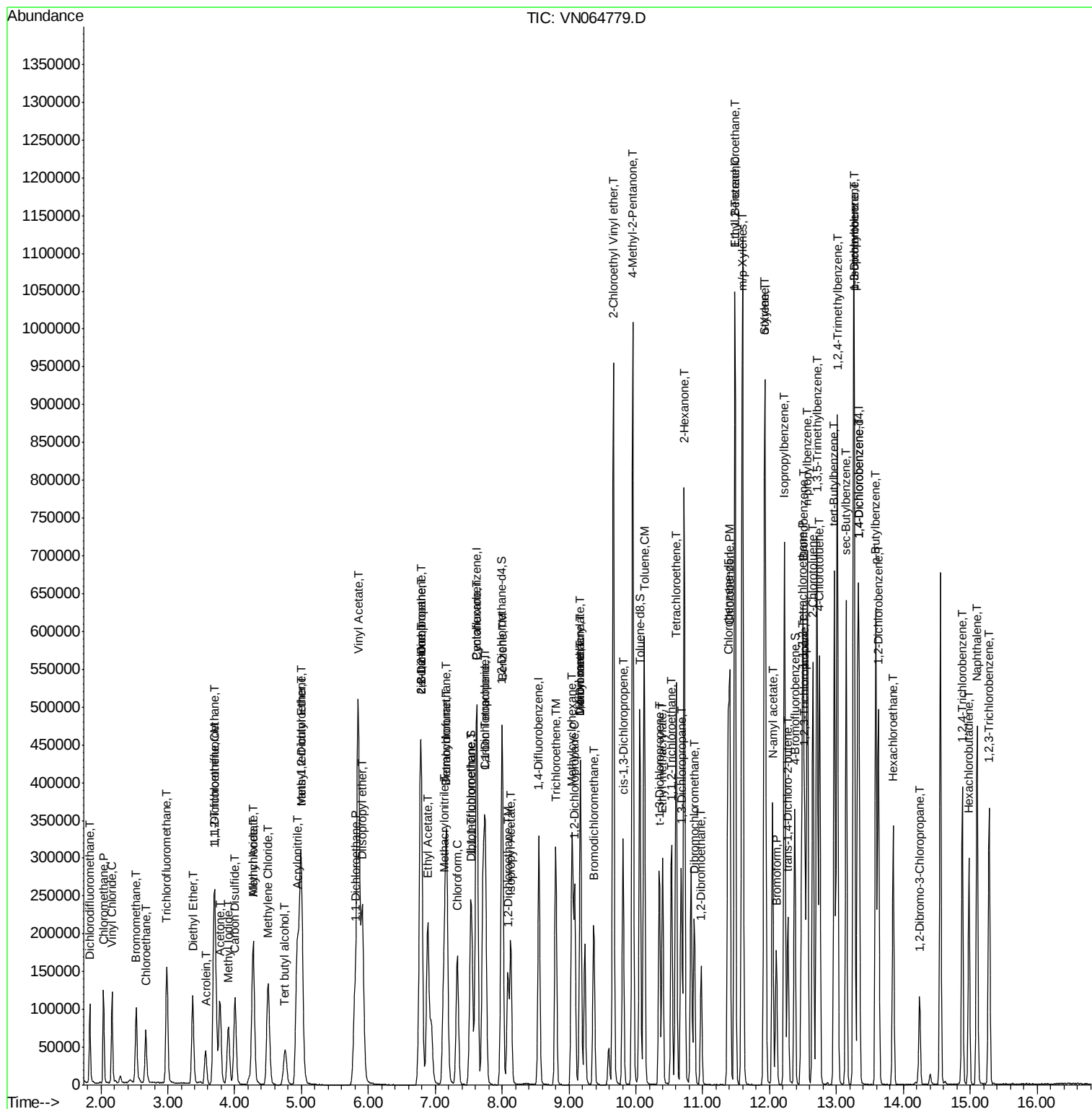
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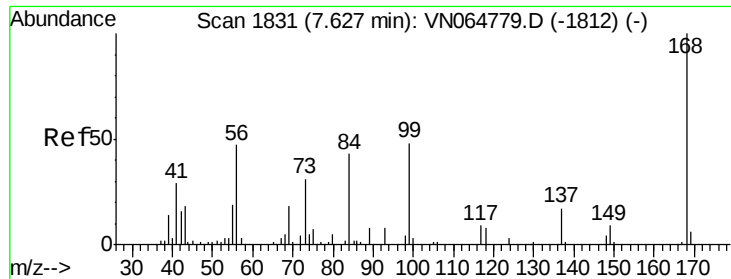
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 195445

Ion Ratio Lower Upper

168 100

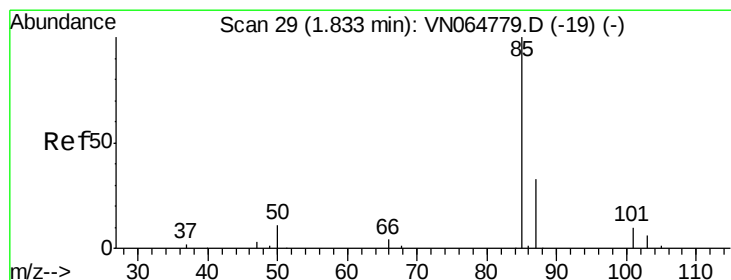
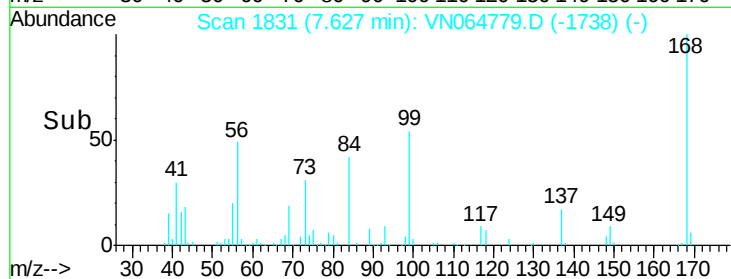
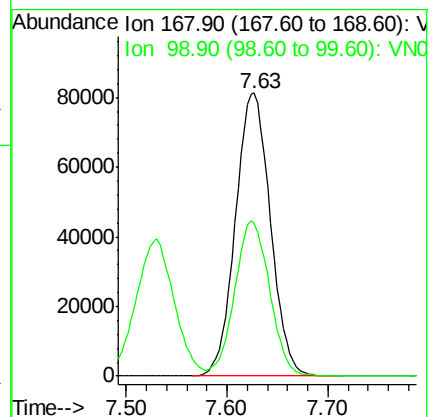
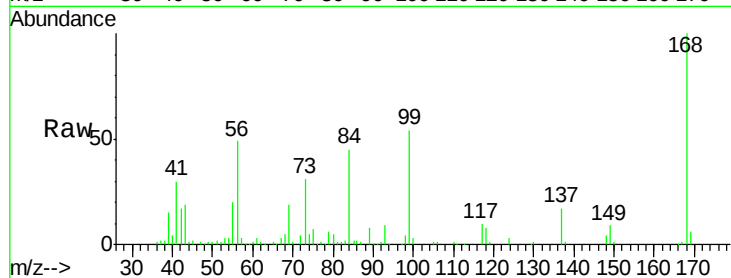
99 53.7 43.0 64.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 34.407 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064779.D

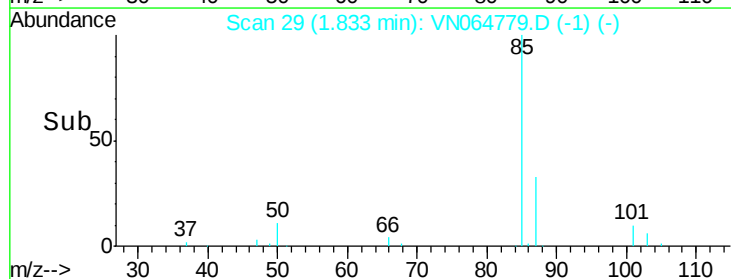
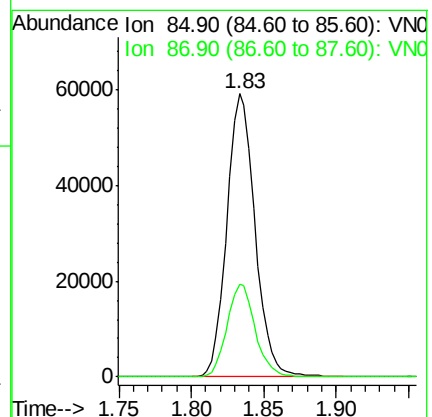
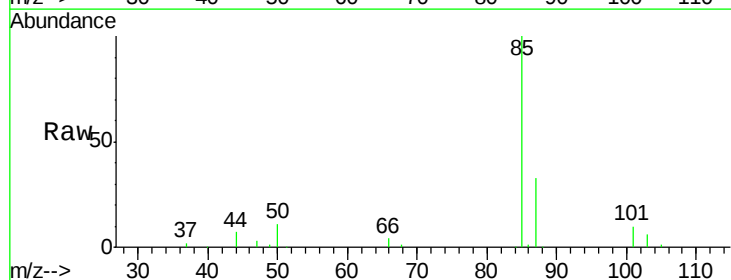
Acq: 23 Nov 2020 12:42

Tgt Ion: 85 Resp: 79561

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.4





#3

Chloromethane

Concen: 39.531 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 103279

Ion Ratio Lower Upper

50 100

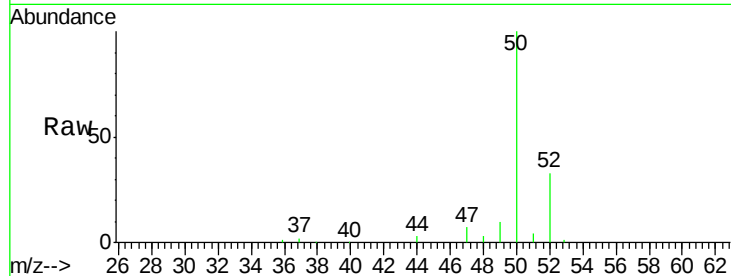
52 33.2 26.6 39.8

Manual Integrations

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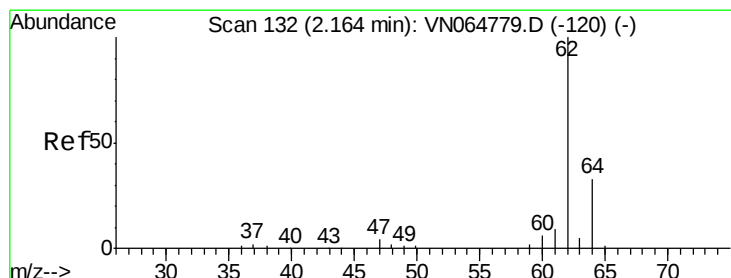
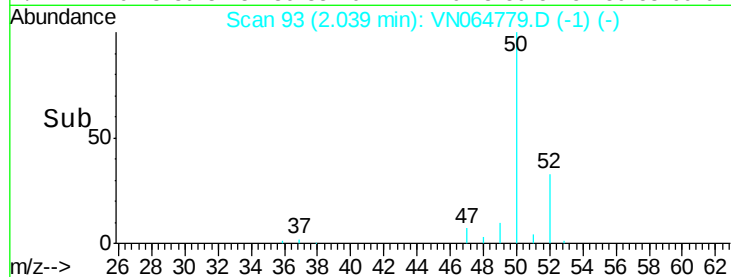
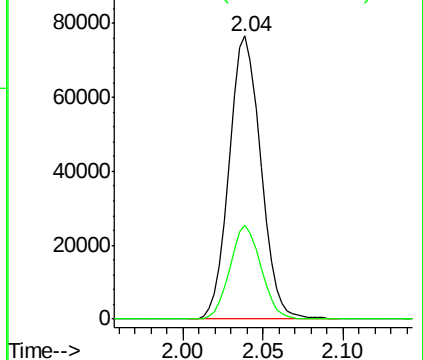
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 39.582 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064779.D

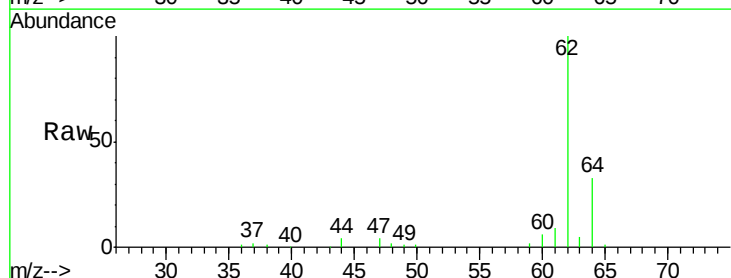
Acq: 23 Nov 2020 12:42

Tgt Ion: 62 Resp: 107474

Ion Ratio Lower Upper

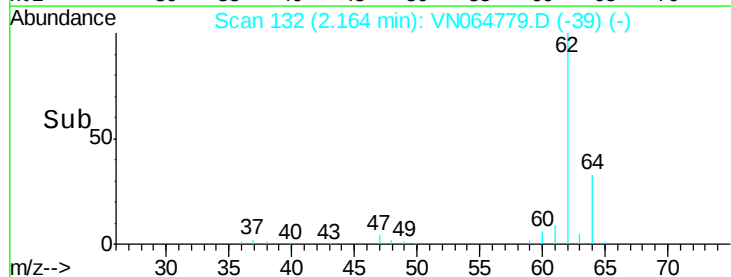
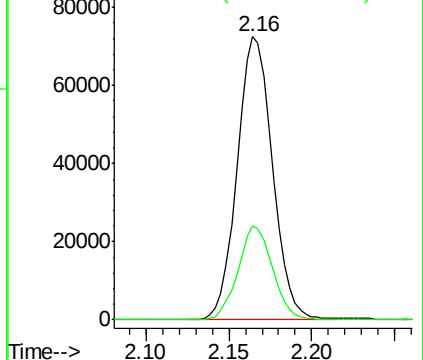
62 100

64 33.1 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: 36.472 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

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ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 71044

Ion Ratio Lower Upper

94 100

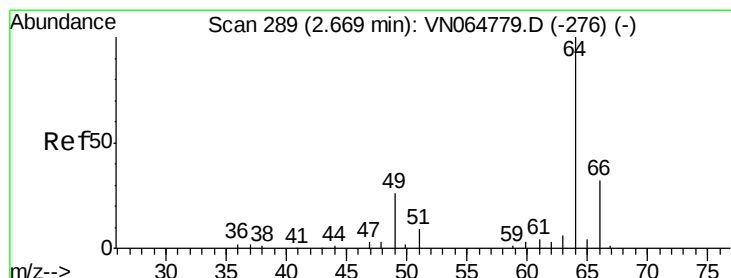
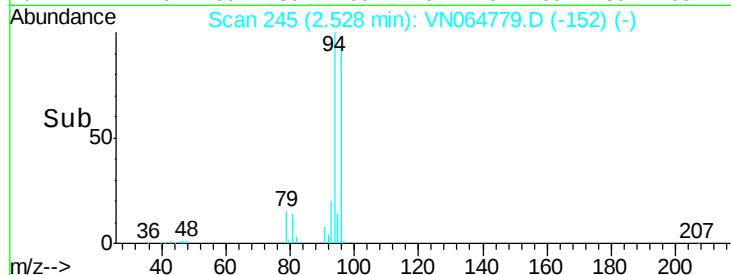
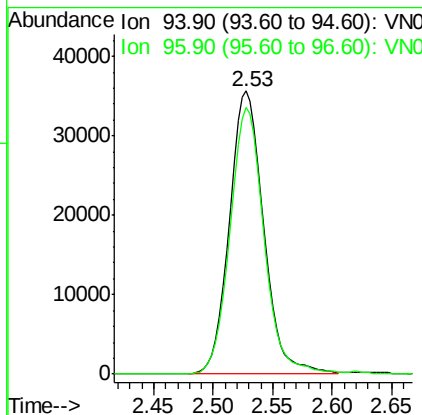
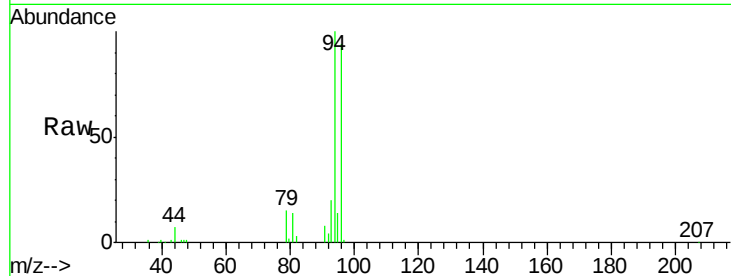
96 94.2 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 37.581 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064779.D

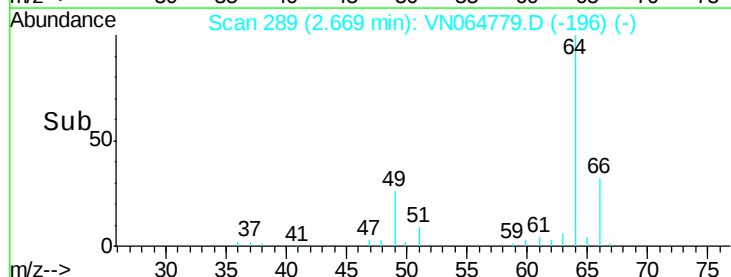
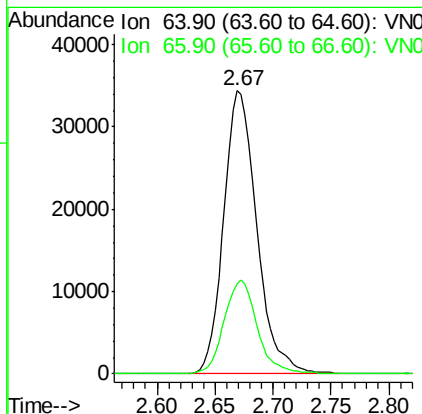
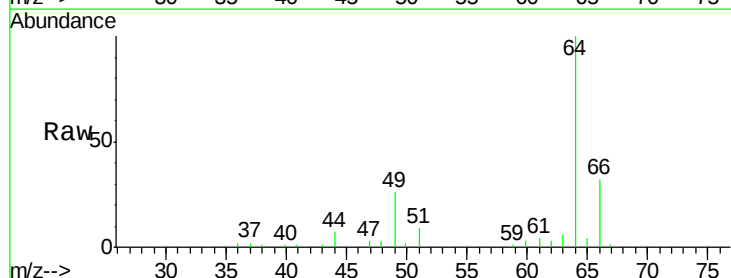
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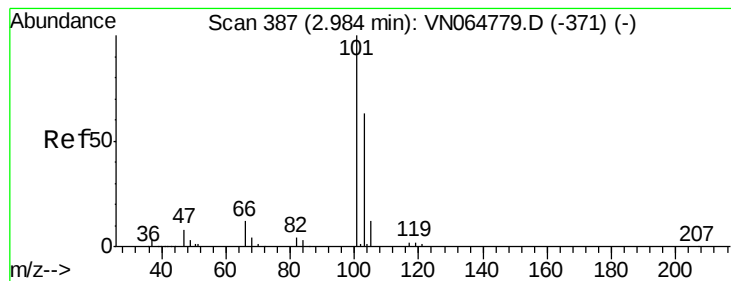
Tgt Ion: 64 Resp: 67973

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

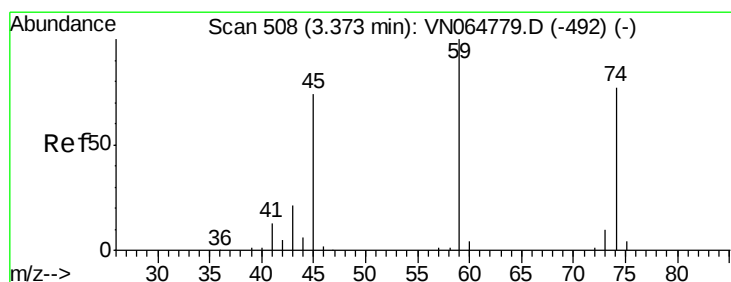
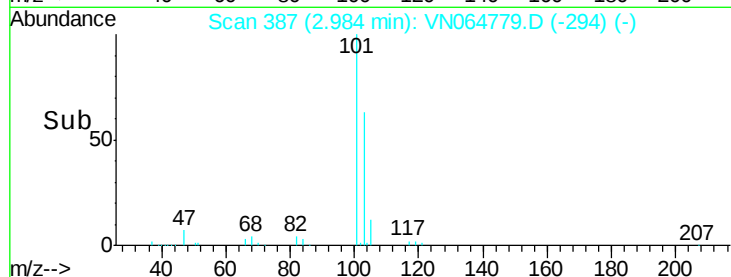
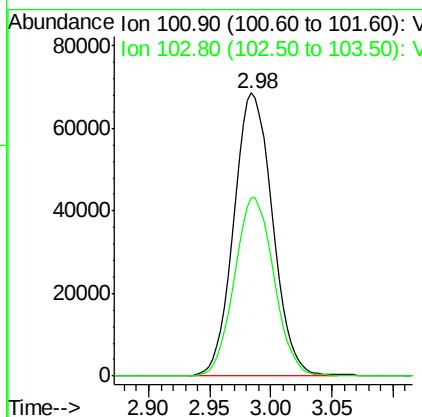
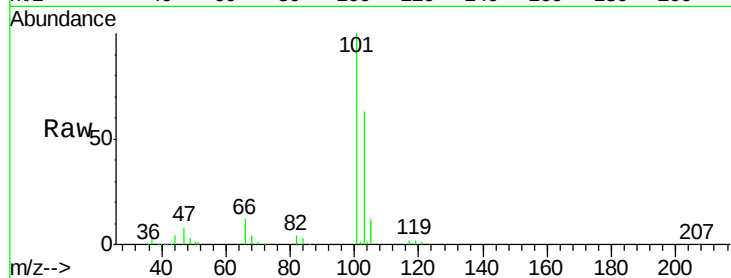
Trichlorofluoromethane
Concen: 32.015 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.5	75.7

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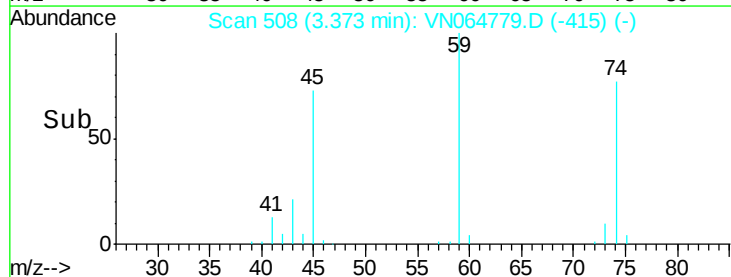
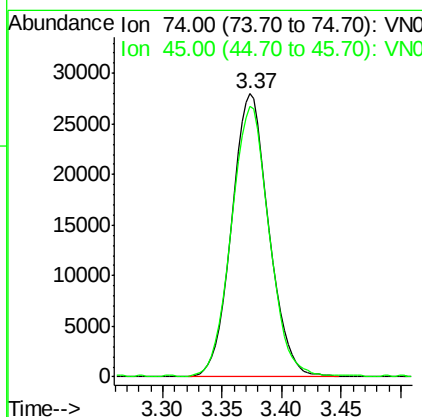
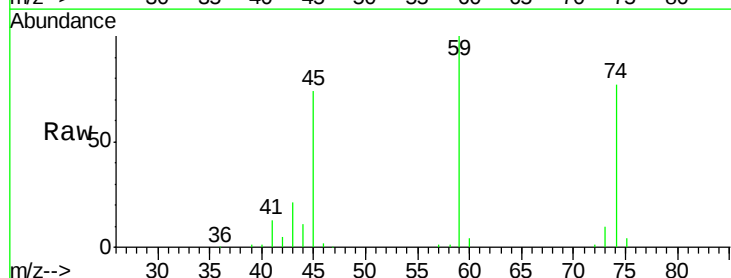
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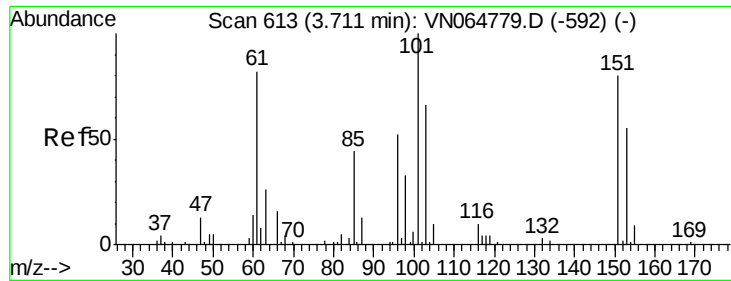


#8

Diethyl Ether
Concen: 38.714 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064779.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	48.9	146.8





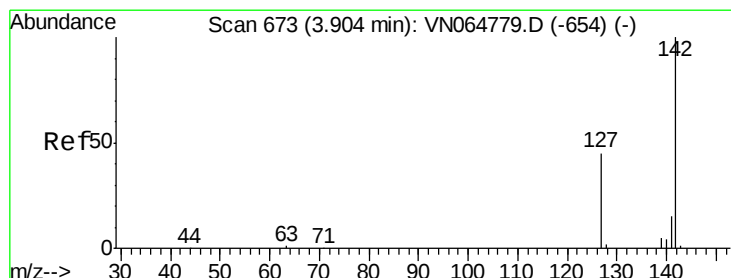
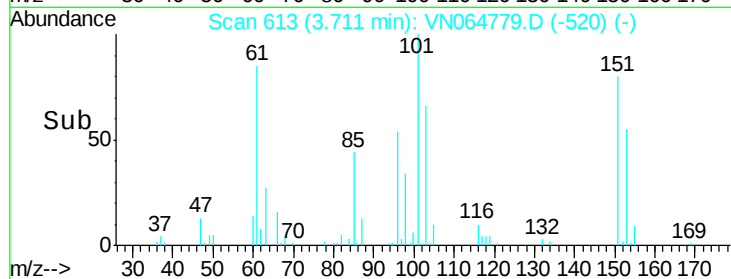
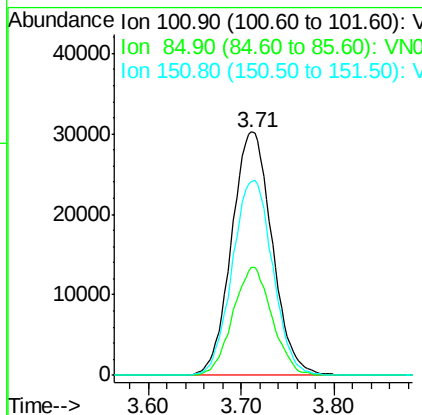
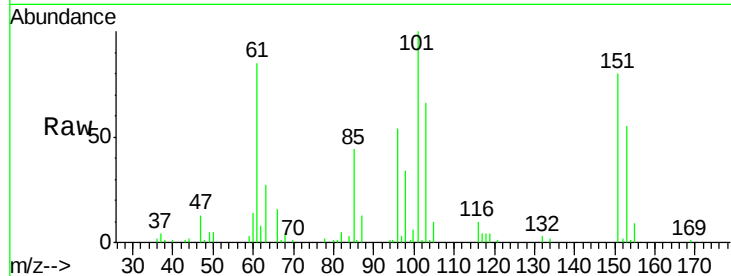
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.102 ug/l
 RT: 3.71 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.4	51.6
151	80.0	64.0	96.0

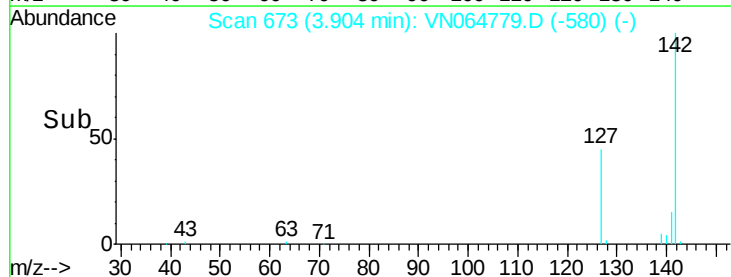
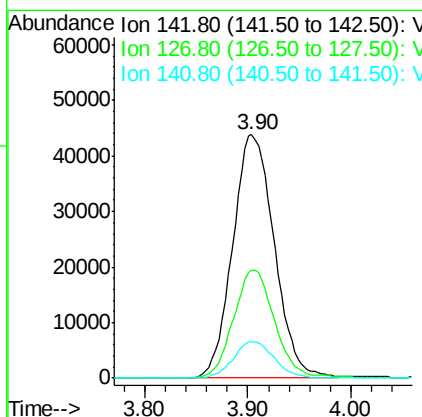
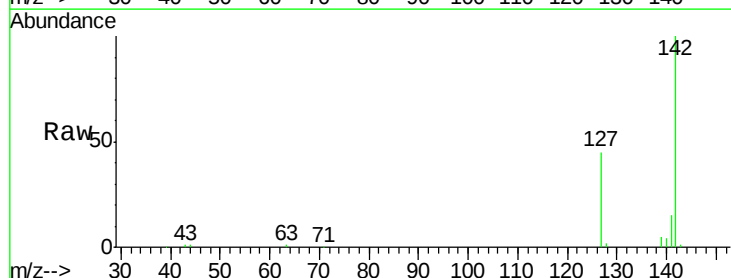
Manual Integrations
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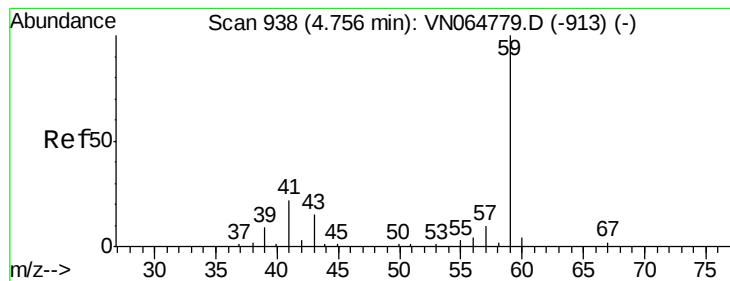
MMDadoda
 11/24/2020 3:01:11 PM



#10
 Methyl Iodide
 Concen: 48.086 ug/l
 RT: 3.90 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.8	35.0	52.6
141	14.7	11.8	17.6





#11

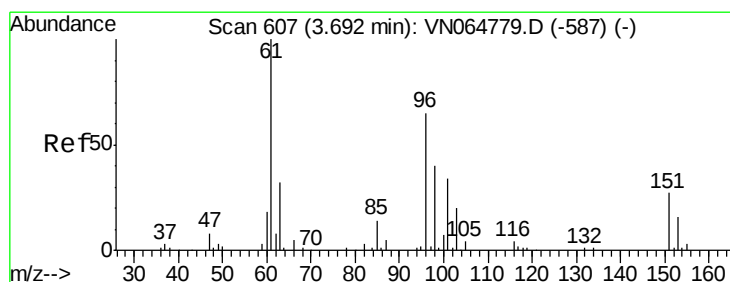
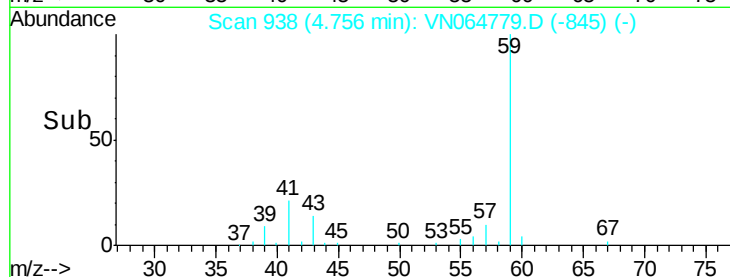
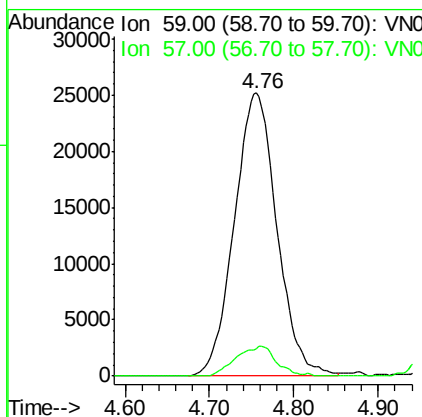
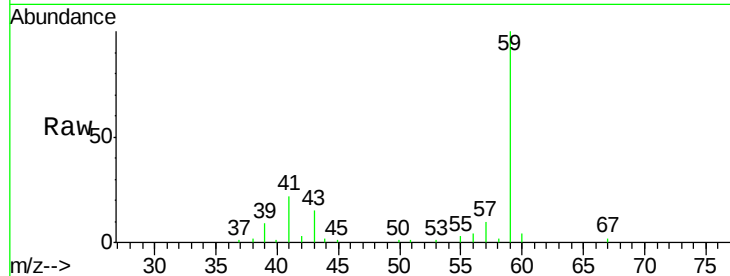
Tert butyl alcohol
 Concen: 262.787 ug/l
 RT: 4.76 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		88413		
57	9.9		7.9	11.9	

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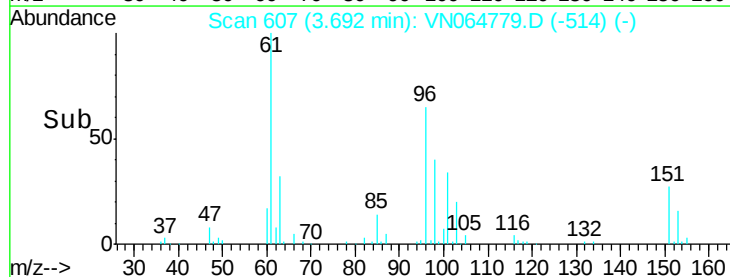
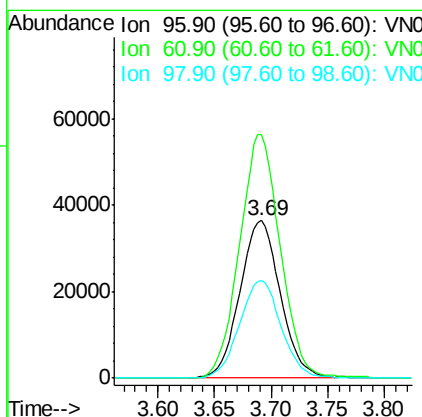
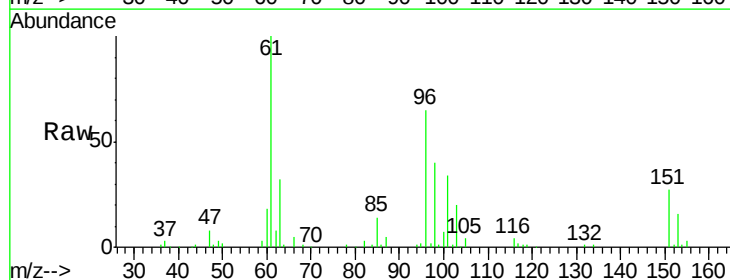
MMDadoda
 11/24/2020 3:01:11 PM

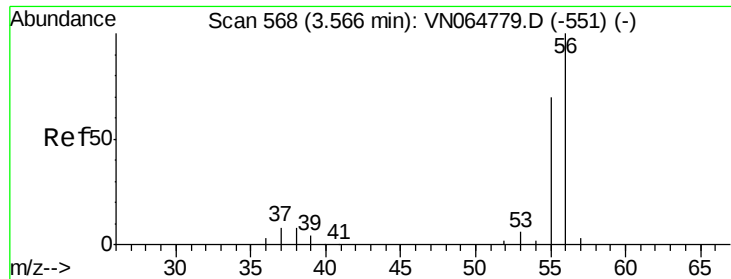


#12

1,1-Dichloroethene
 Concen: 44.002 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		90558		
61	154.3		123.4	185.2	
98	62.3		49.8	74.8	





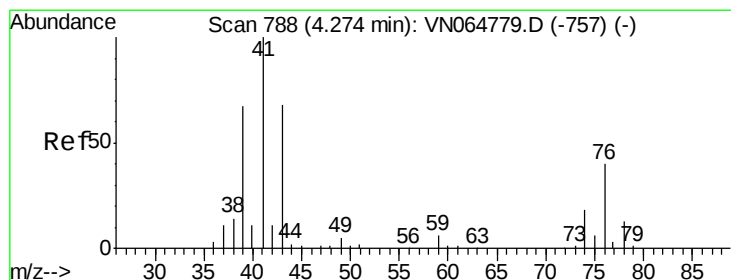
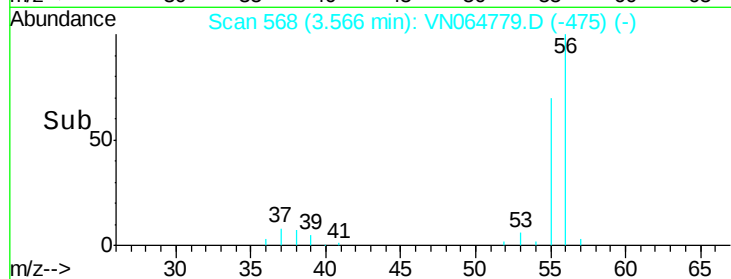
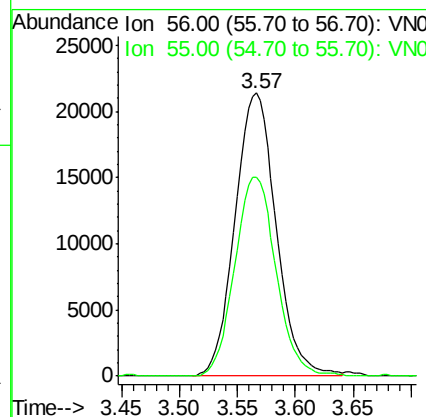
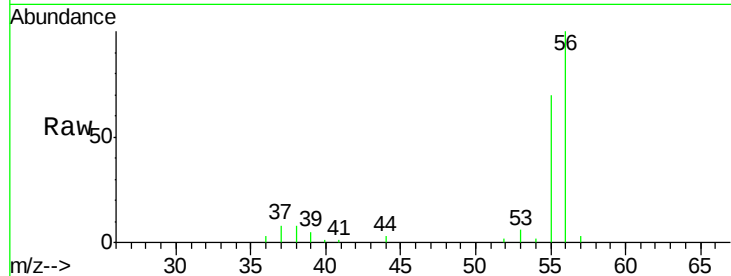
#13
Acrolein
Concen: 513.374 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.6	56.5	84.7

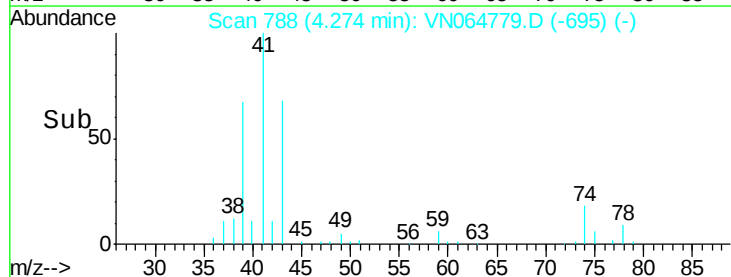
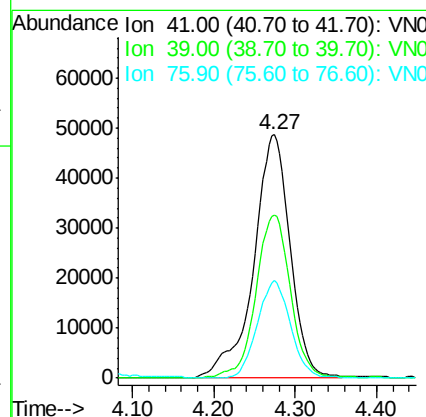
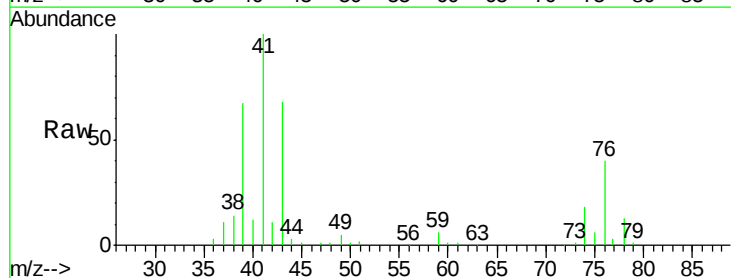
Manual Integrations
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#14
Allyl chloride
Concen: 43.176 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	63.6	50.9	76.3
76	76	36.2	29.0	43.4





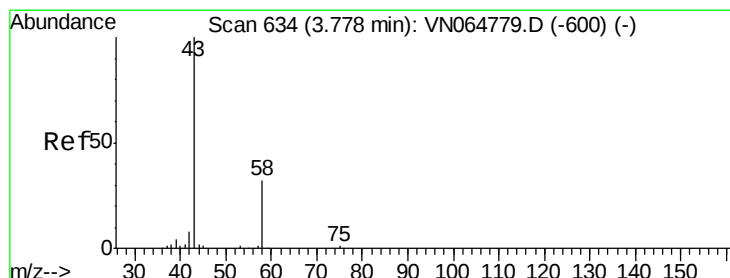
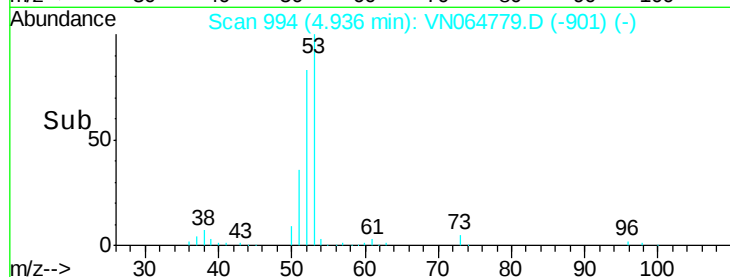
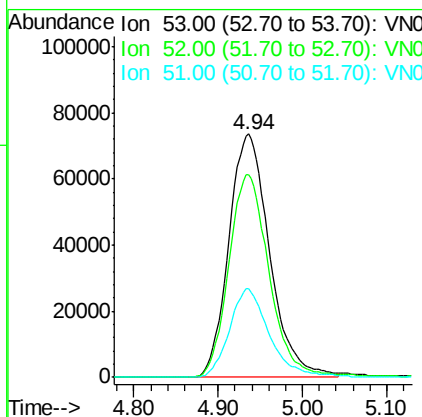
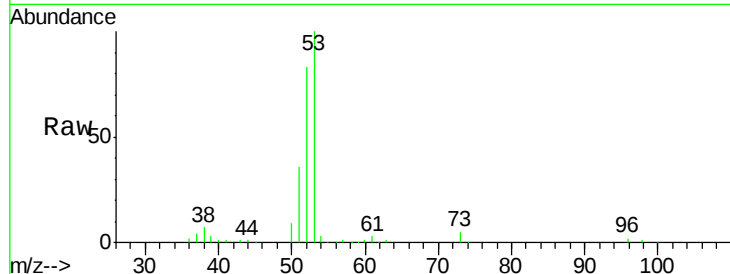
#15
 Acrylonitrile
 Concen: 253.510 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	53	Resp:	247472
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.8	28.6	43.0

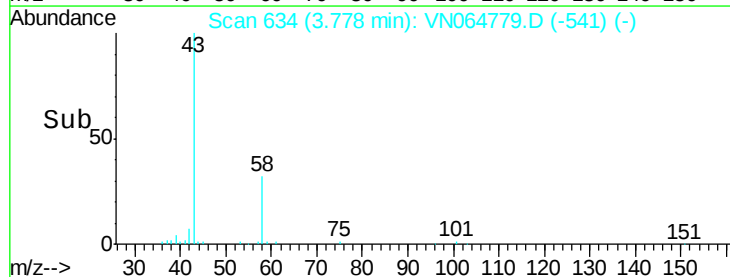
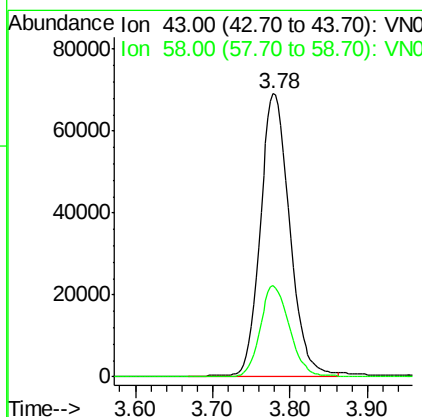
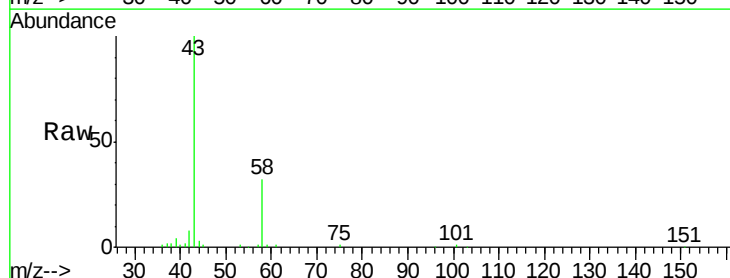
Manual Integrations
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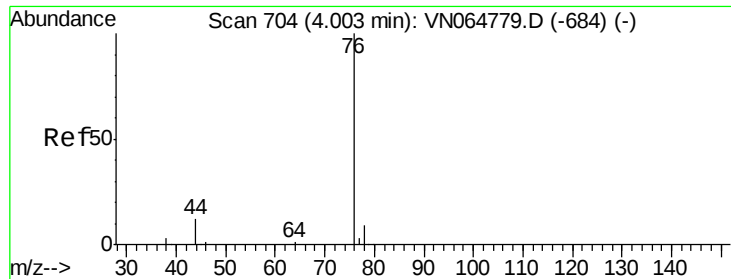
MMDadoda
 11/24/2020 3:01:11 PM



#16
 Acetone
 Concen: 219.863 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion:	43	Resp:	184120
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.7	38.5





#17

Carbon Disulfide

Concen: 37.584 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 237772

Ion Ratio Lower Upper

76 100

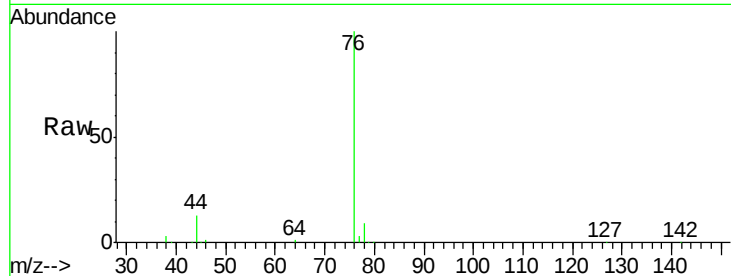
78 9.2 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

80000

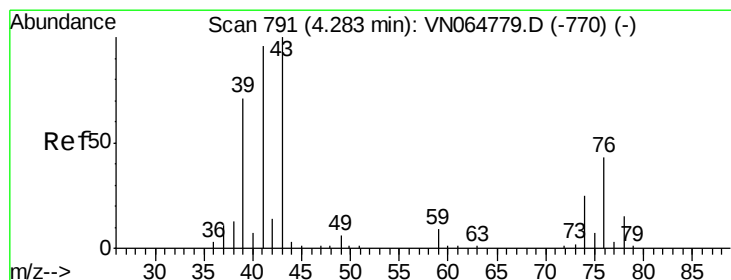
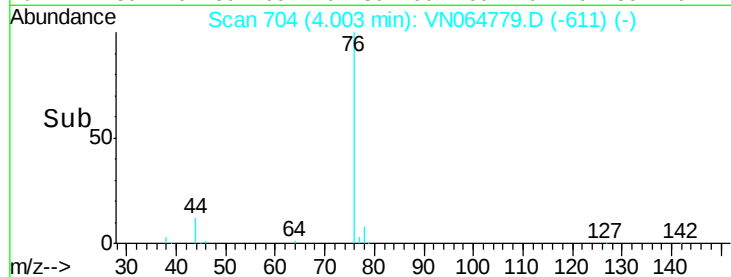
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 42.473 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064779.D

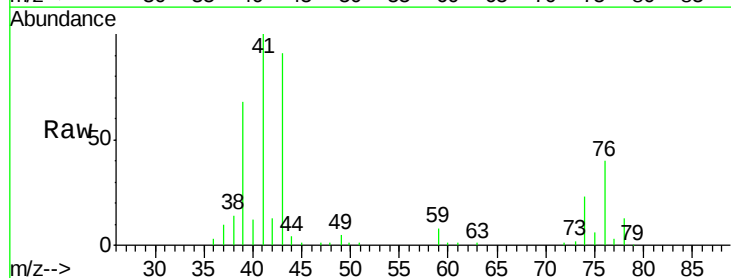
Acq: 23 Nov 2020 12:42

Tgt Ion: 43 Resp: 108662

Ion Ratio Lower Upper

43 100

74 25.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

40000

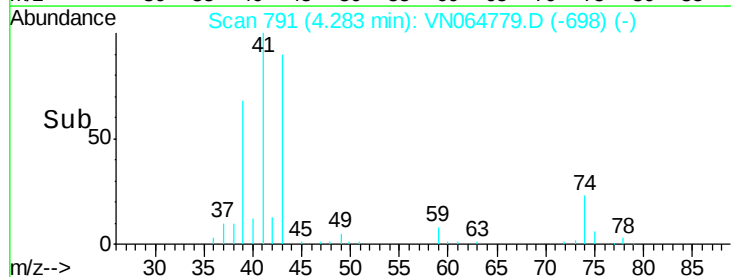
30000

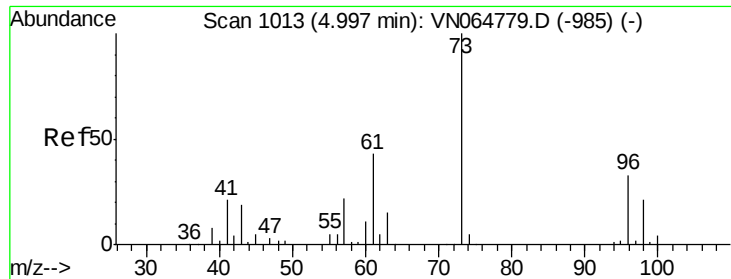
20000

10000

0

Time-->





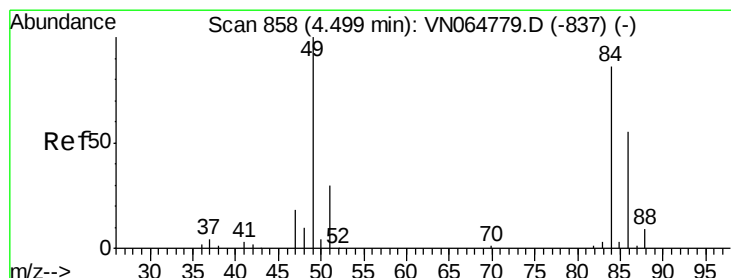
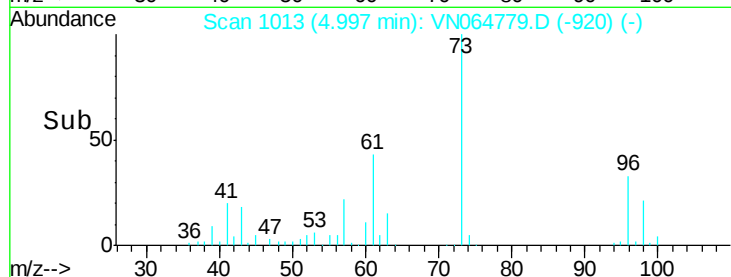
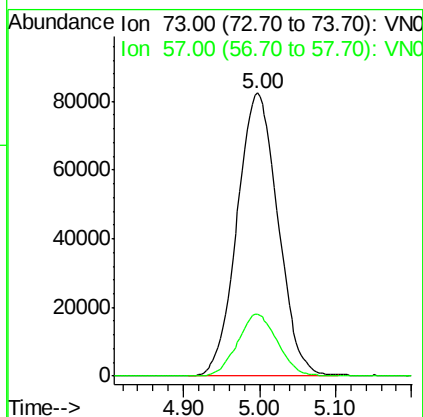
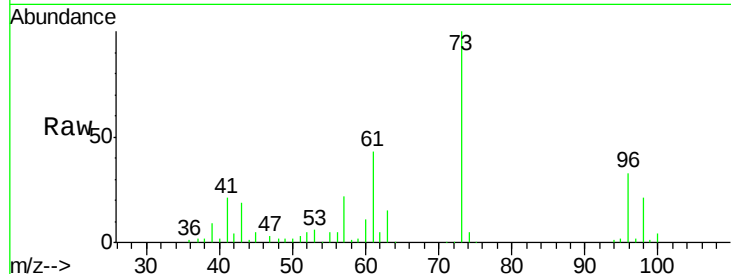
#19
Methvl tert-butvl Ether
Concen: 45.136 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 307587
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

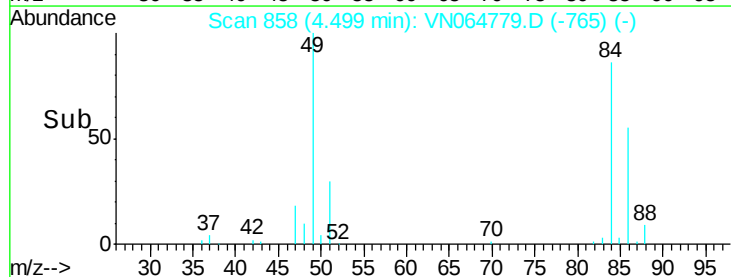
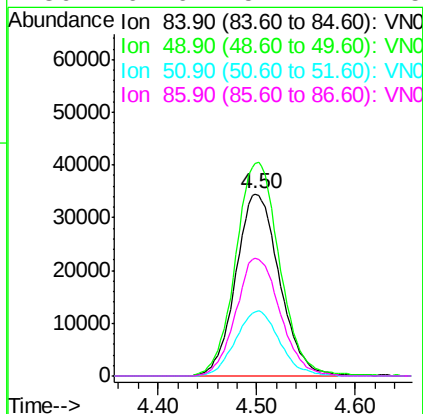
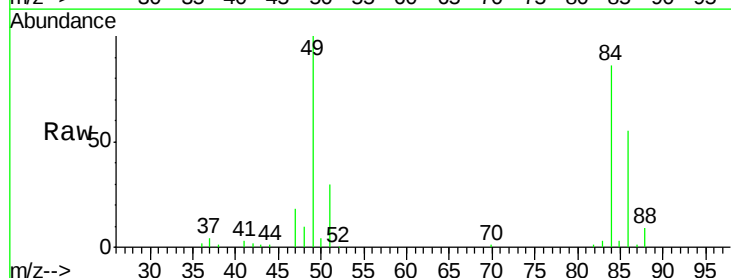
Manual Integrations
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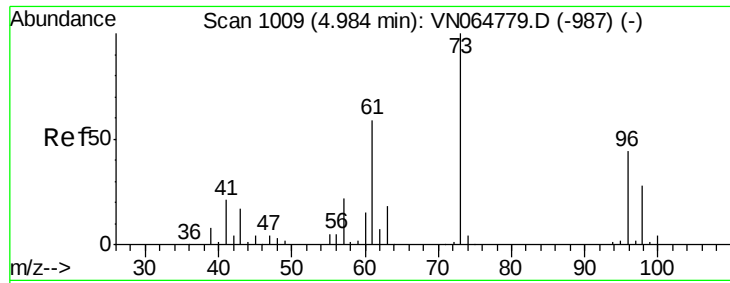
MMDadoda
11/24/2020 3:01:11 PM



#20
Methylene Chloride
Concen: 42.538 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 84 Resp: 105844
Ion Ratio Lower Upper
84 100
49 116.7 93.4 140.0
51 35.3 28.2 42.4
86 64.6 51.7 77.5





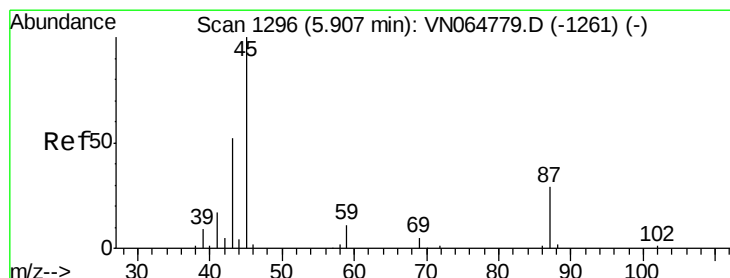
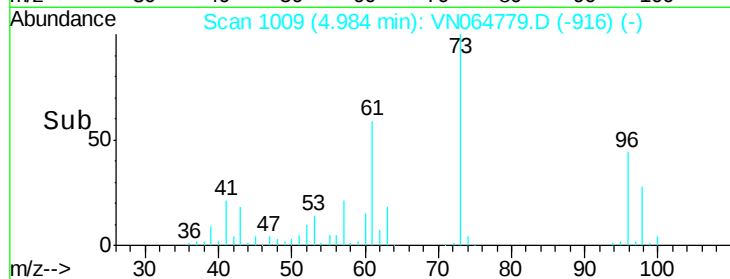
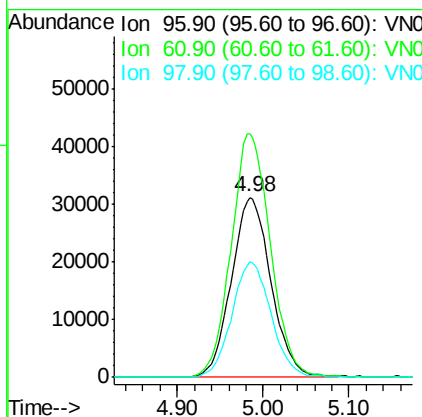
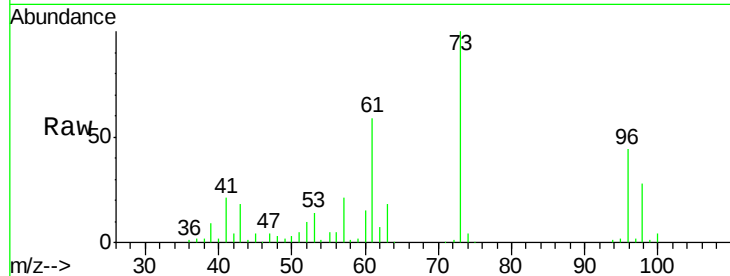
#21
trans-1,2-Dichloroethene
Concen: 43.621 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	108.4	162.6
98	64.1	51.3	76.9

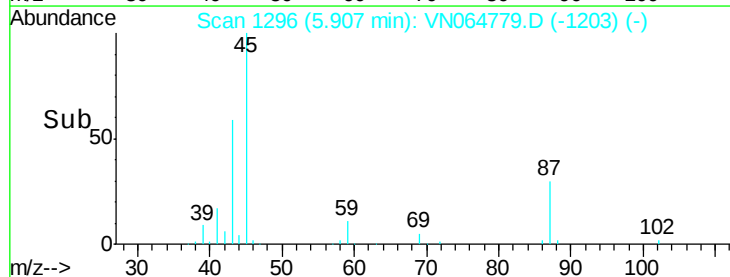
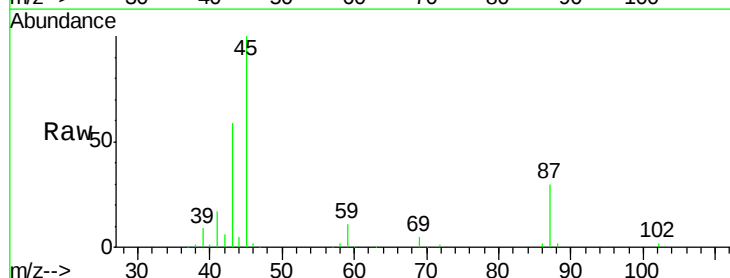
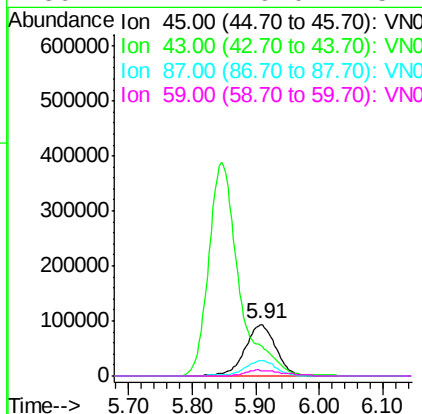
Manual Integrations
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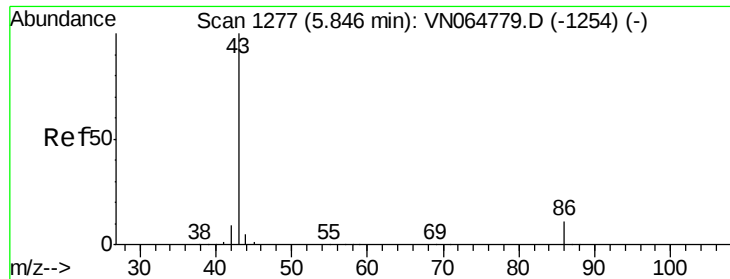
MMDadoda
11/24/2020 3:01:11 PM



#22
Diisopropyl ether
Concen: 43.107 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.2	69.2
87	30.1	24.1	36.1
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 218.373 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1291421

Ion Ratio Lower Upper

43 100

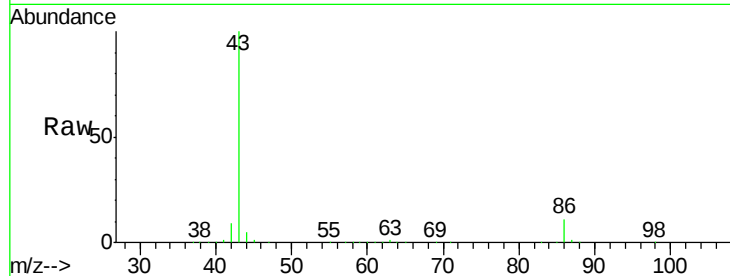
86 11.1 8.9 13.3

Manual Integrations

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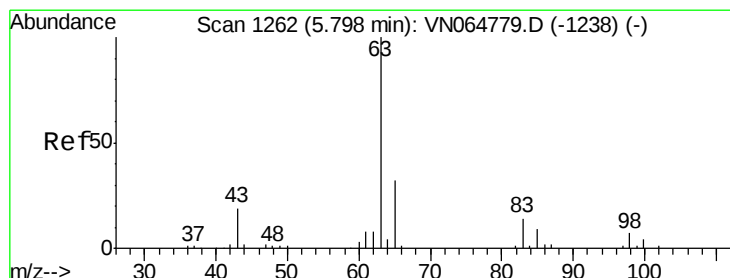
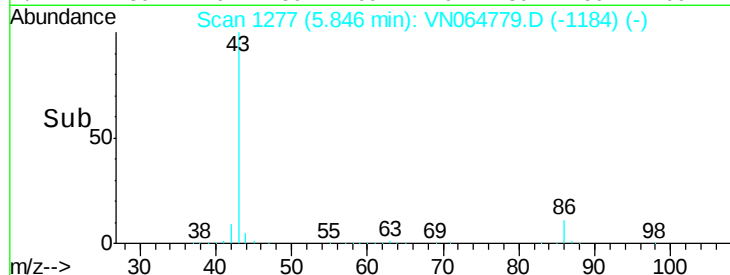
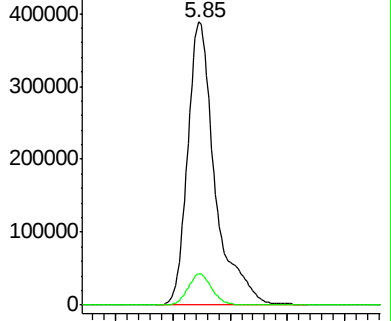
MMDadoda

11/24/2020 3:01:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 42.624 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

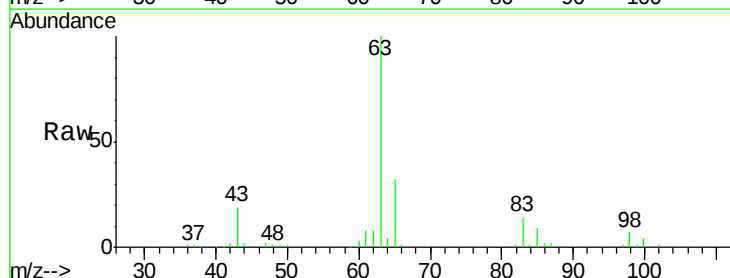
Tgt Ion: 63 Resp: 184441

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

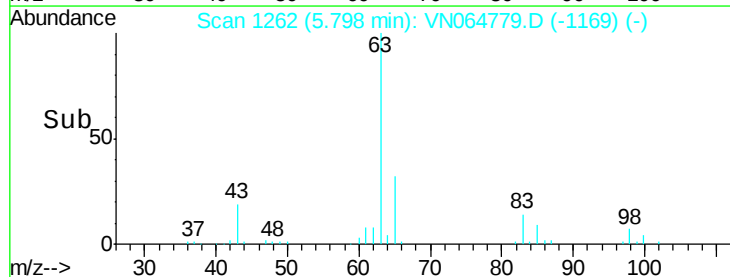
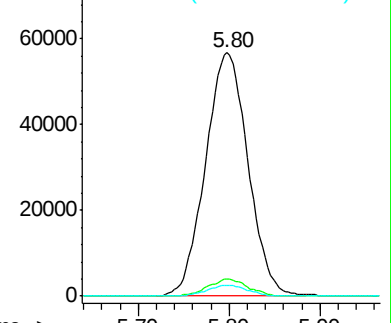
100 4.5 2.3 6.8

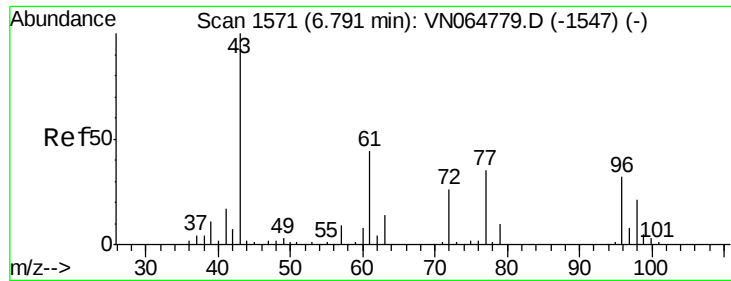


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 244.308 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 316735

Ion Ratio Lower Upper

43 100

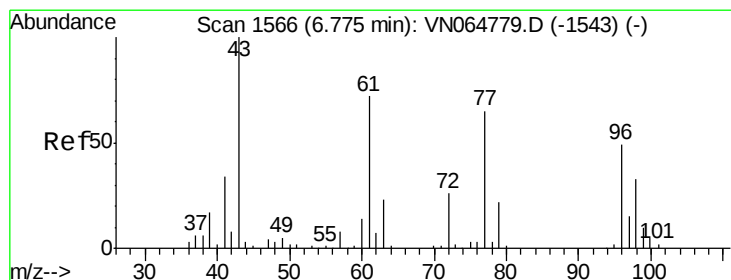
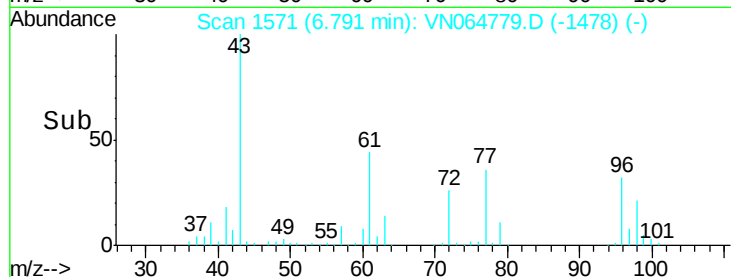
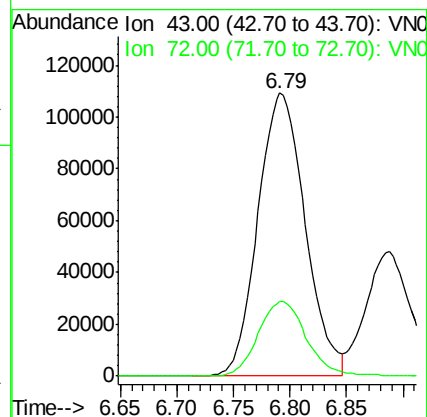
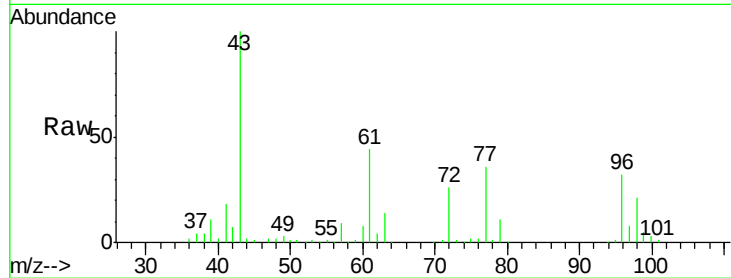
72 26.3 21.0 31.6

Manual Integrations

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MMDadoda

11/24/2020 3:01:11 PM



#26

2,2-Dichloropropane

Concen: 38.920 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064779.D

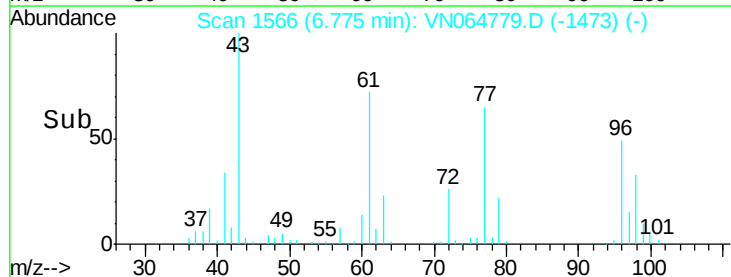
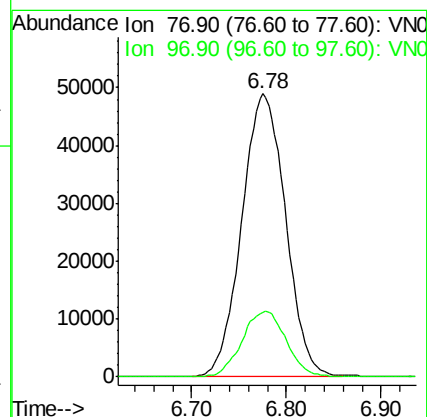
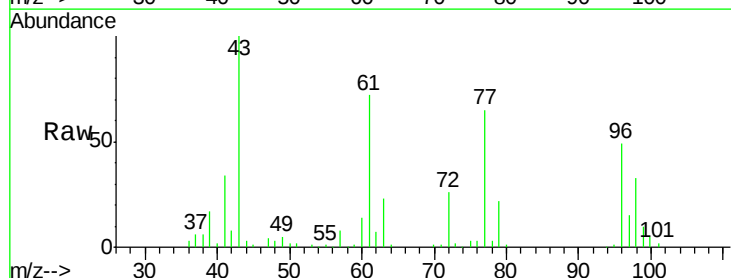
Acq: 23 Nov 2020 12:42

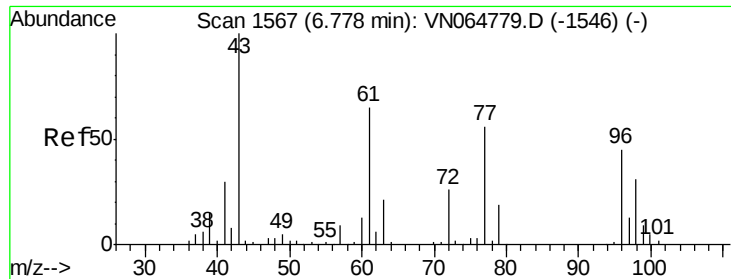
Tgt Ion: 77 Resp: 157332

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 45.502 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

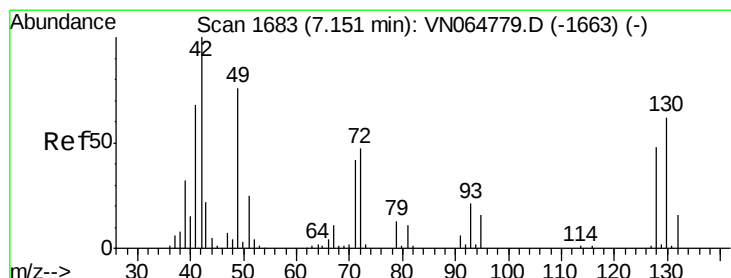
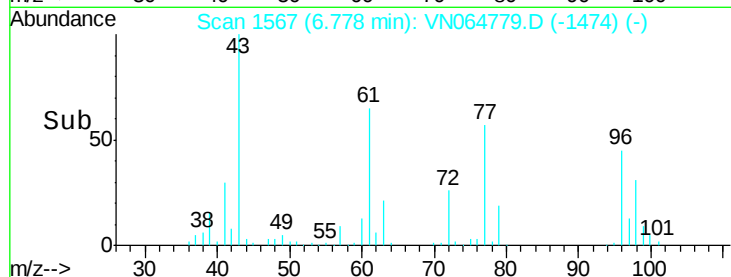
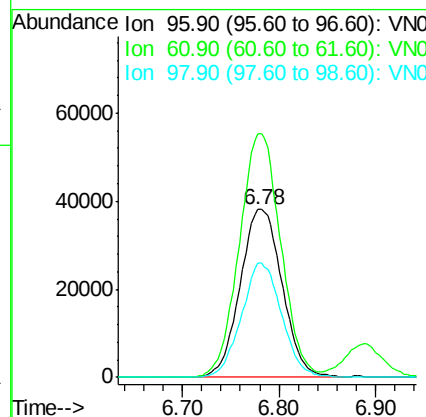
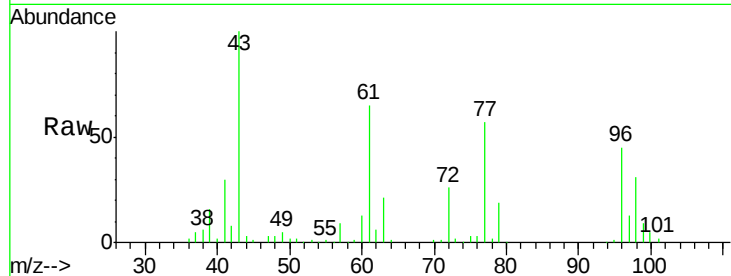
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	115074
Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	285.8
98	65.3	0.0	130.6

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#28

Bromochloromethane

Concen: 38.551 ug/l

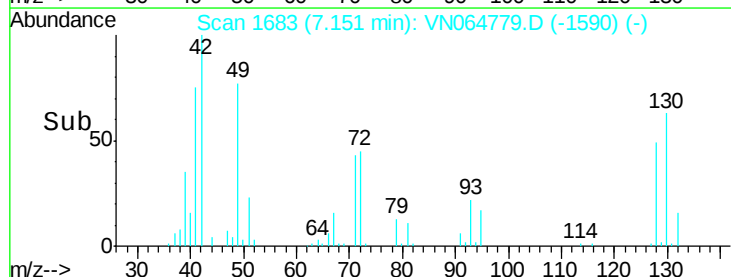
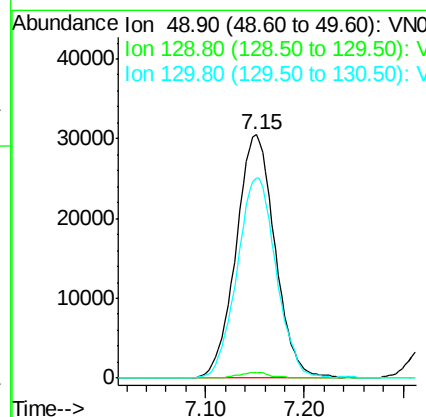
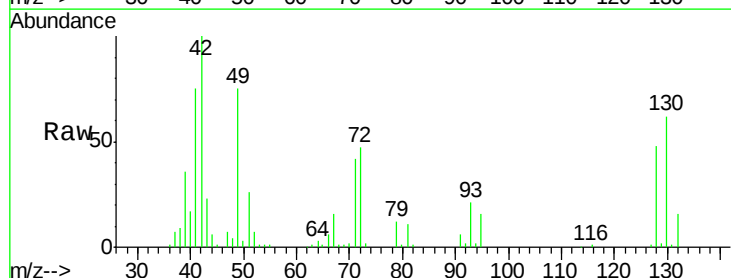
RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Tgt Ion:	49	Resp:	83533
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	82.7	66.2	99.2





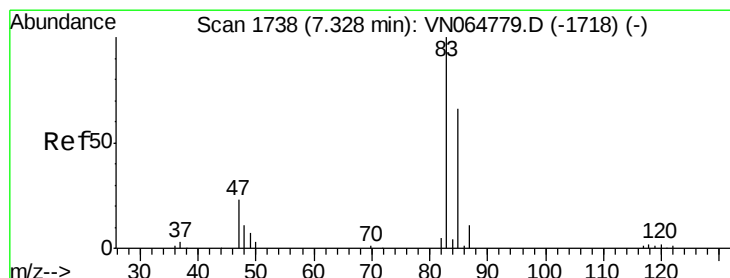
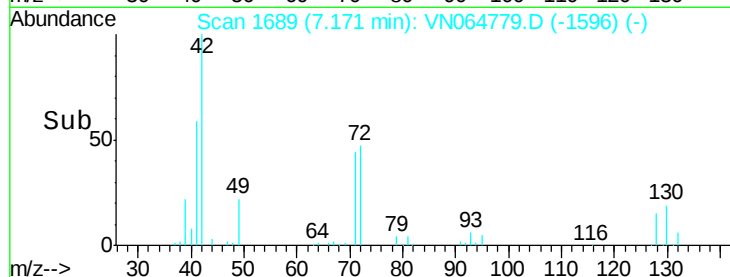
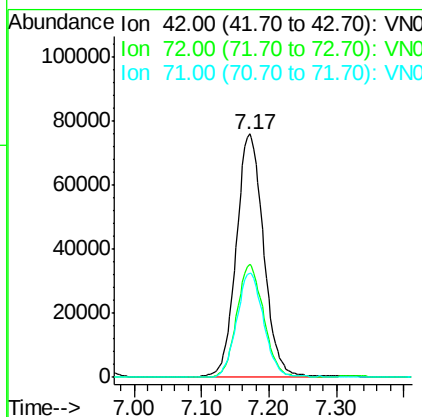
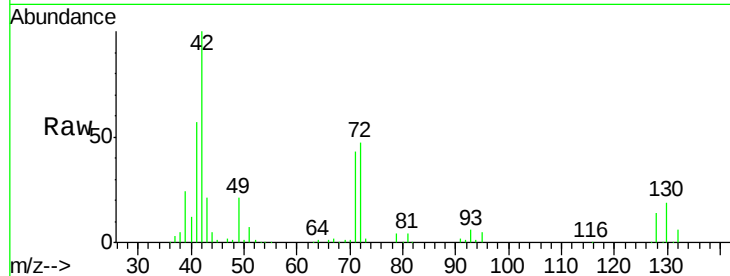
#29
Tetrahydrofuran
Concen: 246.459 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.6	54.8
71	42.0	33.6	50.4

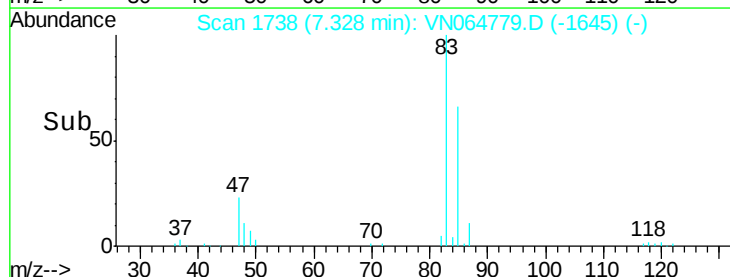
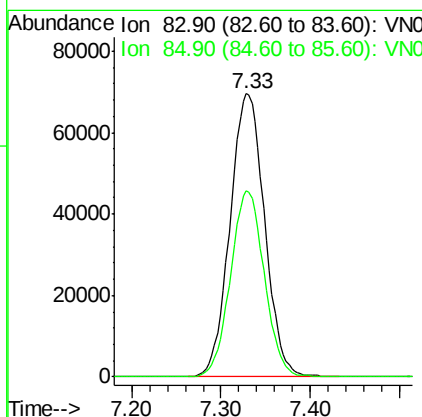
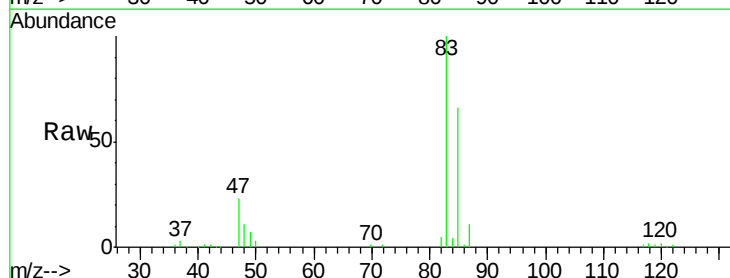
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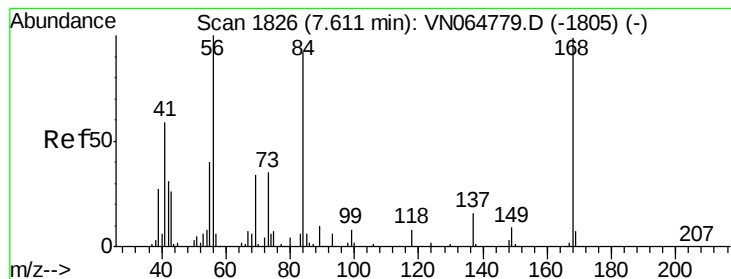
MMDadoda
11/24/2020 3:01:11 PM



#30
Chloroform
Concen: 40.055 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8





#31

Cyclohexane

Concen: 41.183 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 148134

Ion Ratio Lower Upper

56 100

69 34.4 27.5 41.3

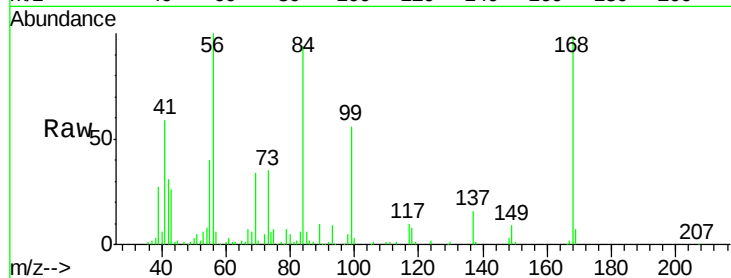
84 92.4 73.9 110.9

Manual Integrations

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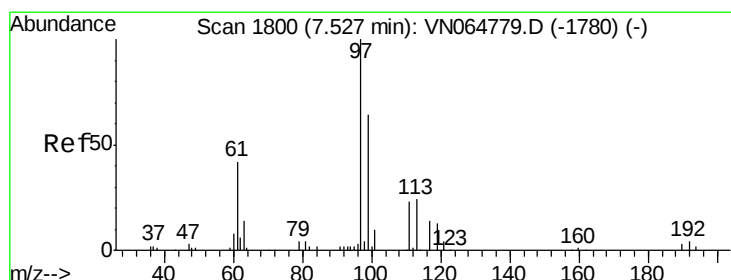
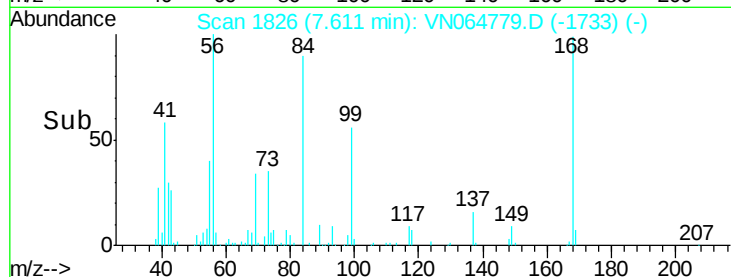
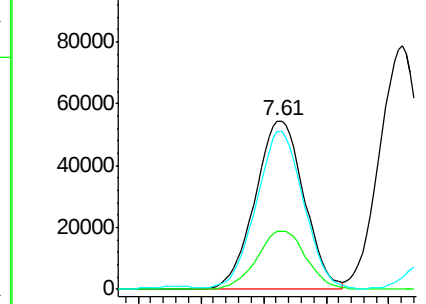
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Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN064779.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 38.104 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

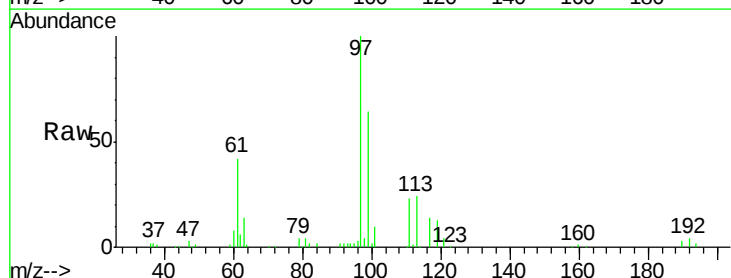
Tgt Ion: 97 Resp: 161284

Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

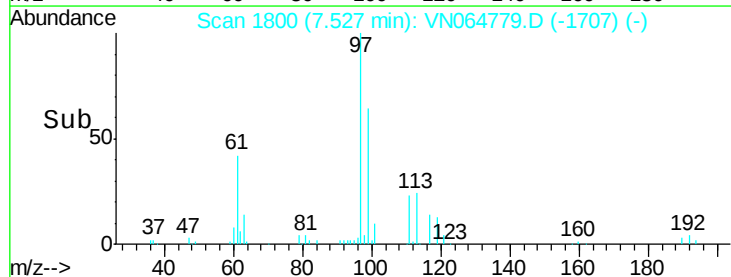
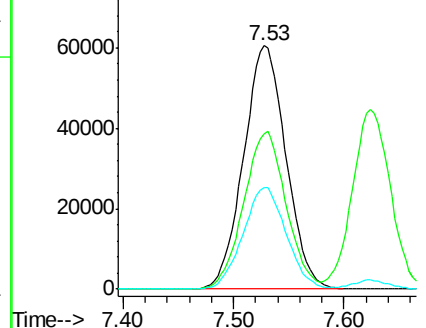
61 42.4 33.9 50.9

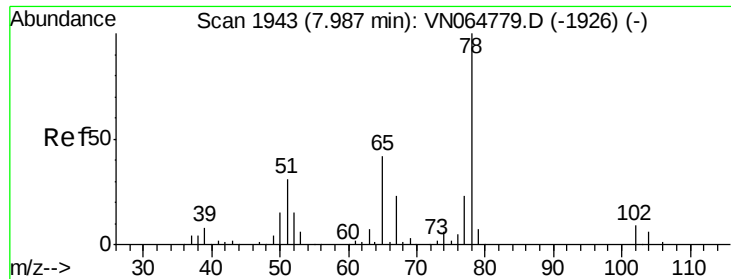


Abundance Ion 96.90 (96.60 to 97.60): VN064779.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1780) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1780) (-)





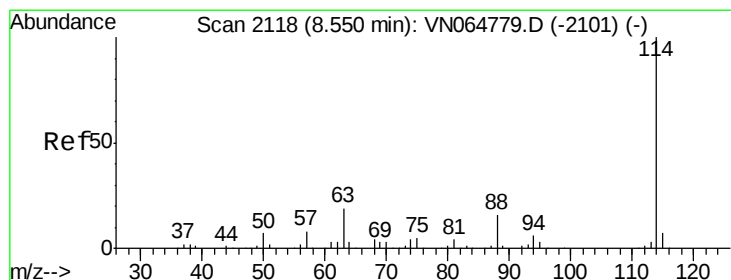
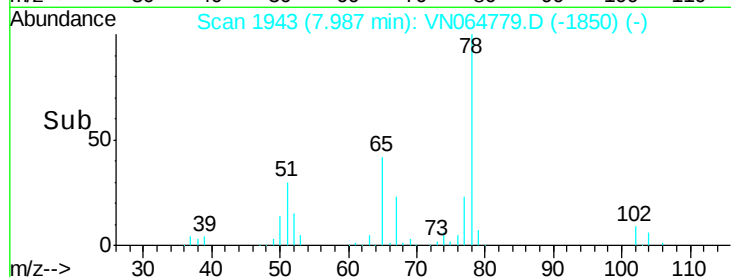
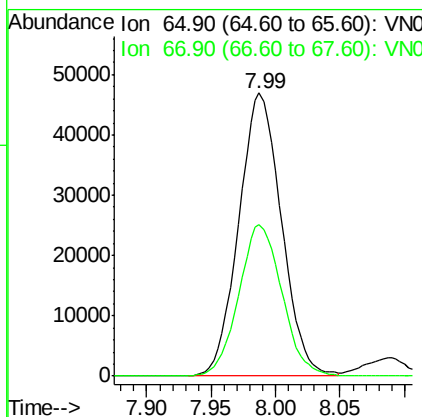
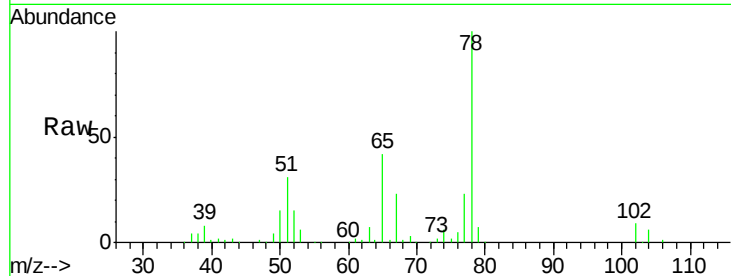
#33
 1,2-Dichloroethane-d4
 Concen: 33.724 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 65 Resp: 108302
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.2

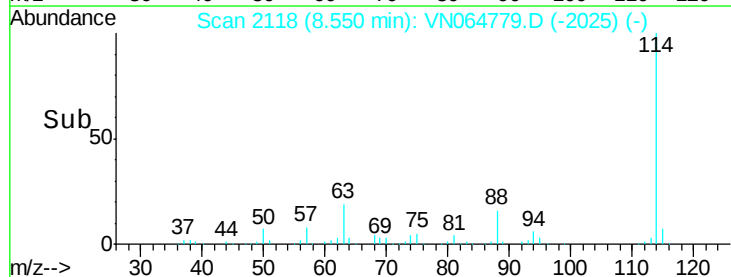
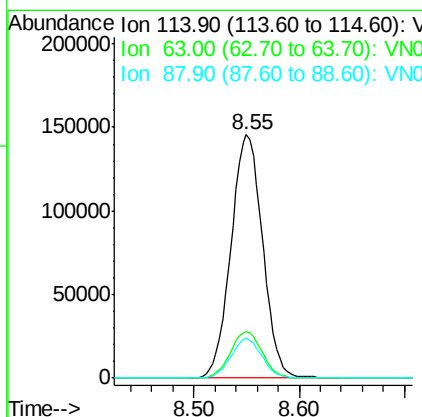
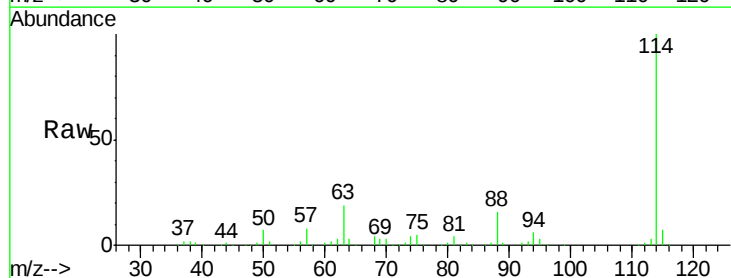
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 114 Resp: 302904
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 16.3 0.0 32.6





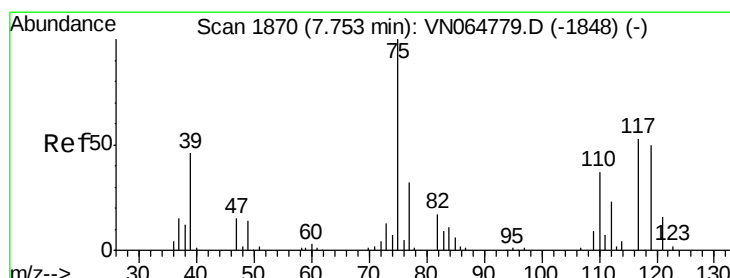
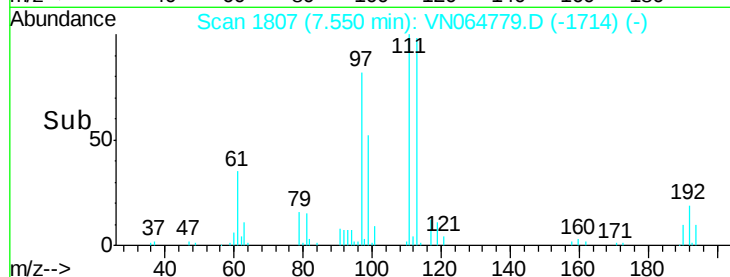
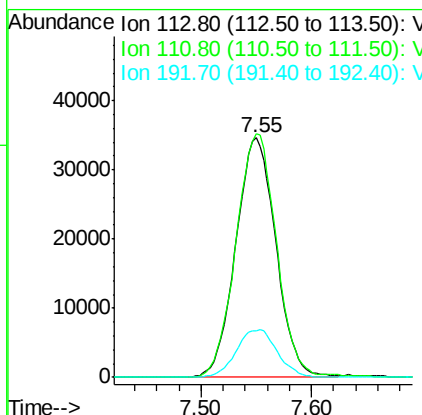
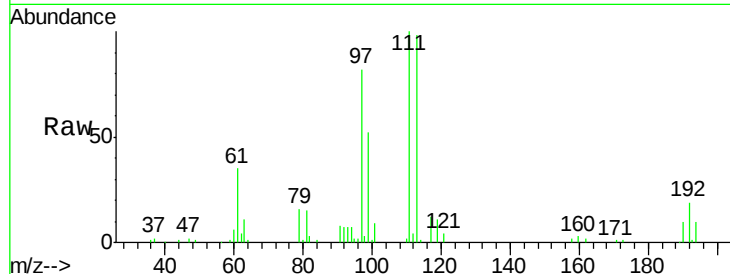
#35
Dibromofluoromethane
Concen: 50.140 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	20.2	16.2	24.2

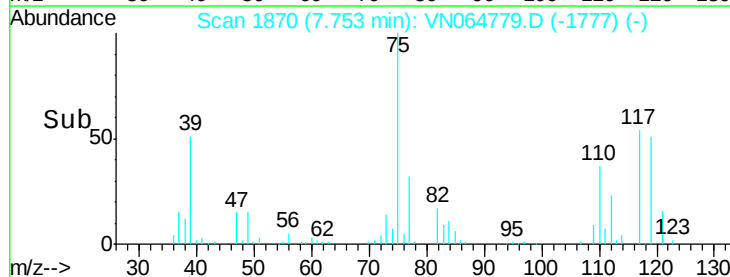
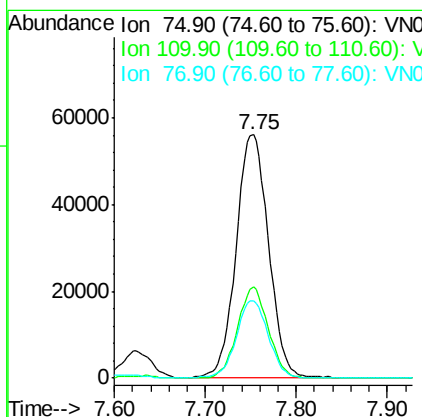
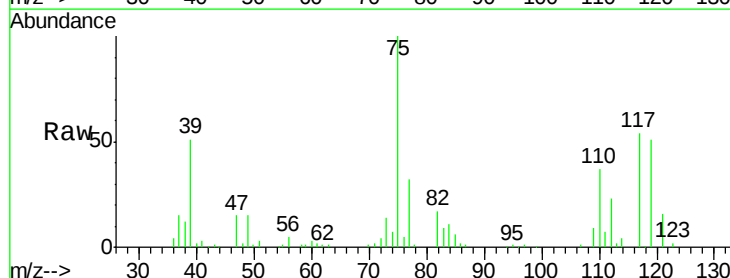
Manual Integrations
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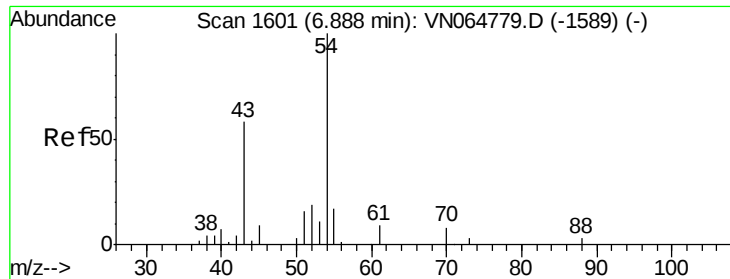
MMDadoda
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#36
1,1-Dichloropropene
Concen: 45.549 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.8	53.3
77	31.2	25.0	37.4





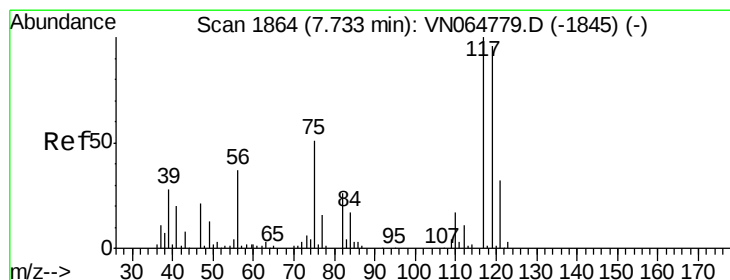
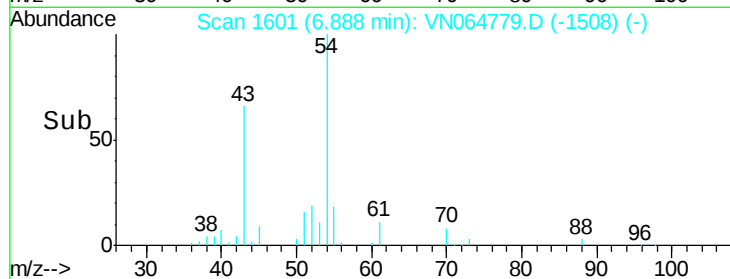
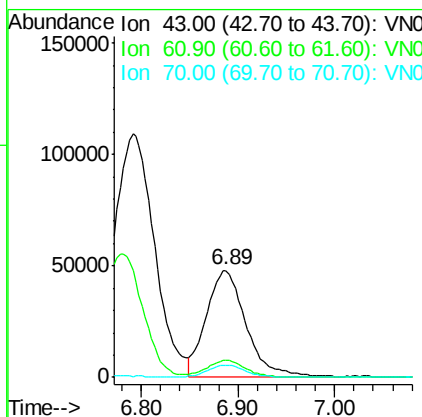
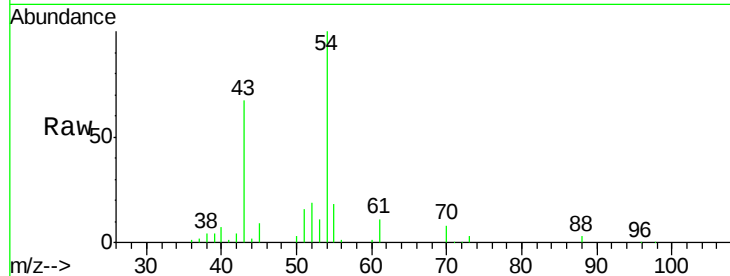
#37
Ethyl Acetate
Concen: 52.272 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.8	19.2
70	11.0	8.8	13.2

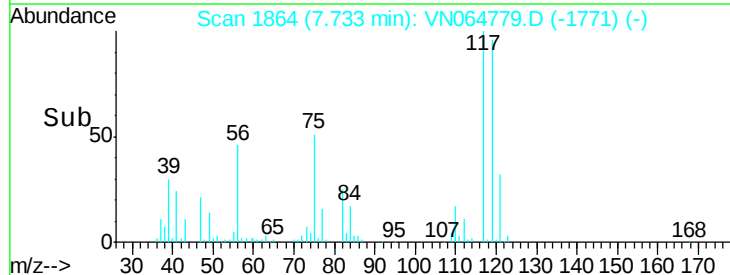
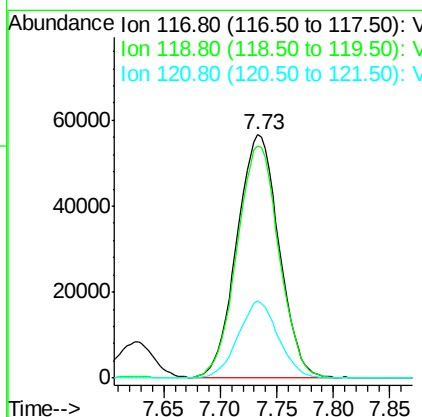
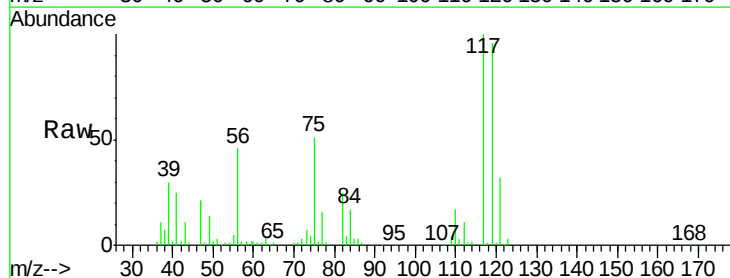
Manual Integrations
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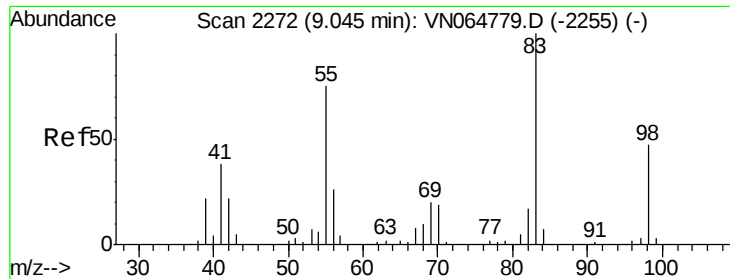
MMDadoda
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#38
Carbon Tetrachloride
Concen: 45.214 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
121	31.8	25.4	38.2





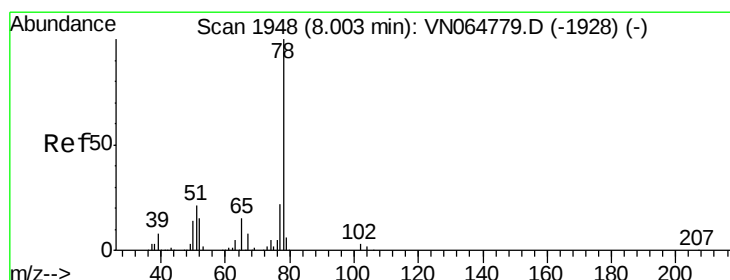
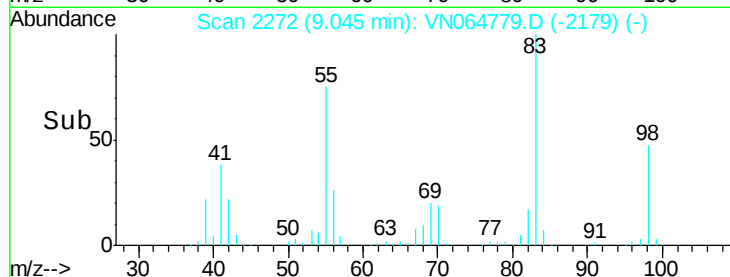
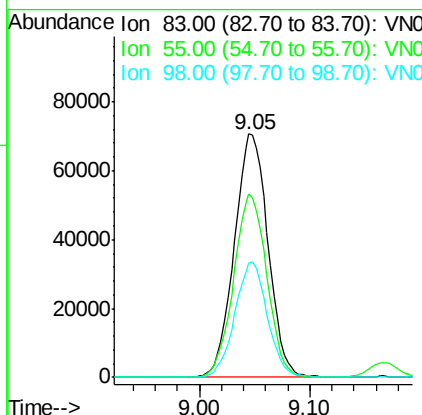
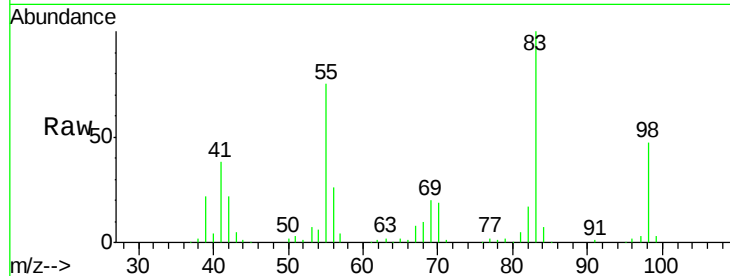
#39
Methvlcvclohexane
Concen: 53.377 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.2	90.2
98	46.8	37.4	56.2

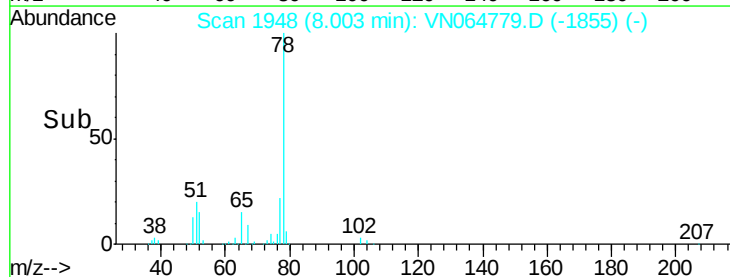
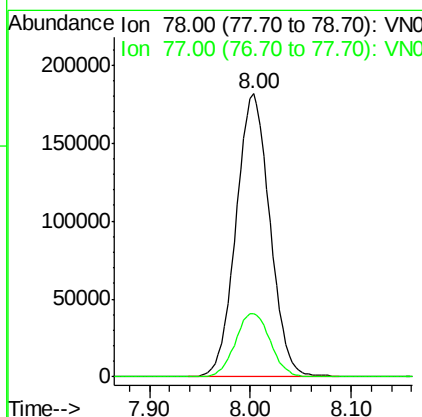
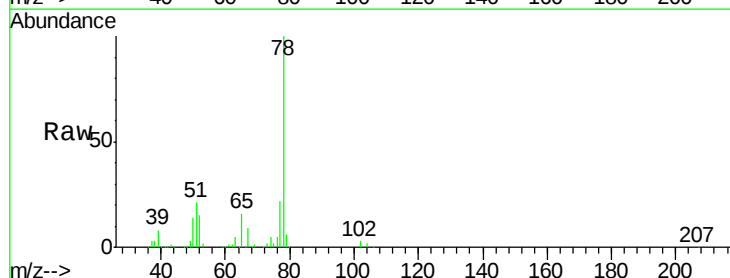
Manual Integrations
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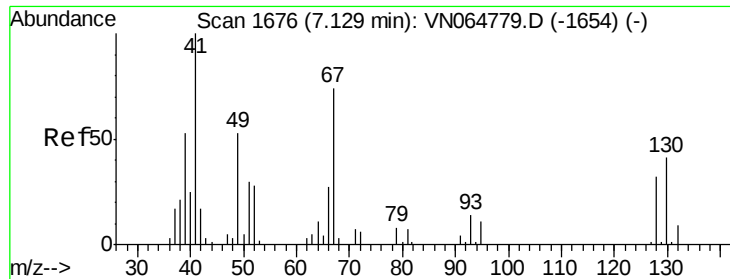
MMDadoda
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#40
Benzene
Concen: 49.058 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	17.9	26.9





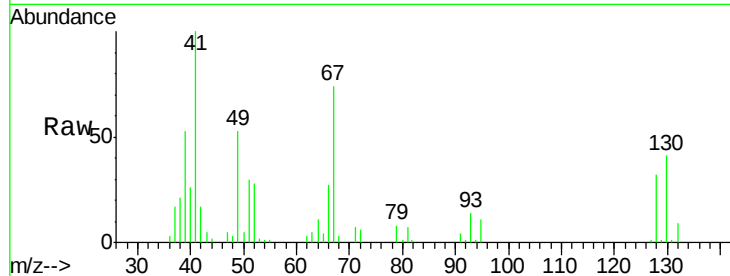
#41
Methacrylonitrile
Concen: 48.000 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

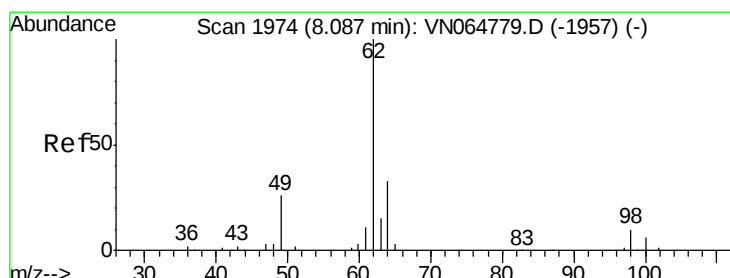
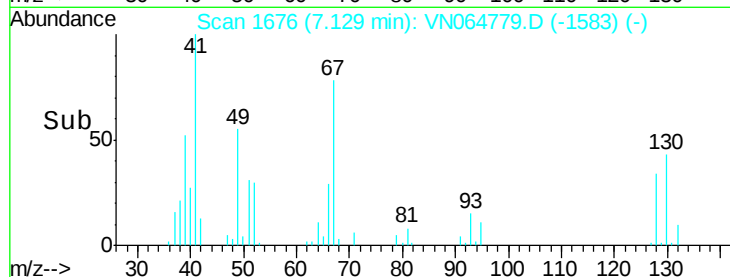
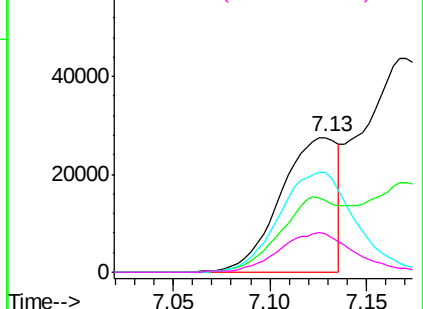
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	63.8	51.0	76.6	
67	99.8	79.8	119.8	
52	39.4	31.5	47.3	

Manual Integrations
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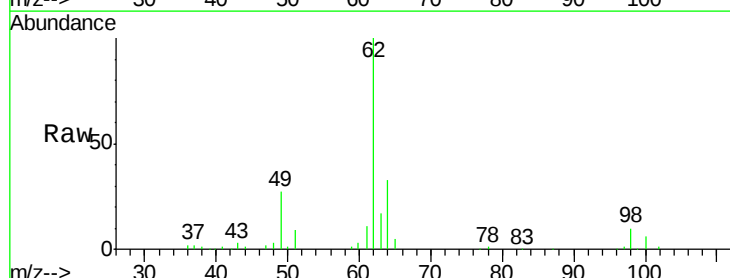


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-1654) (-)
Ion 39.00 (38.70 to 39.70): VN064779.D (-1654) (-)
Ion 67.00 (66.70 to 67.70): VN064779.D (-1654) (-)
Ion 52.00 (51.70 to 52.70): VN064779.D (-1654) (-)

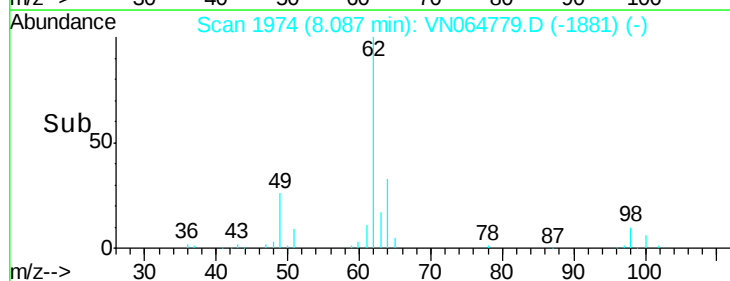
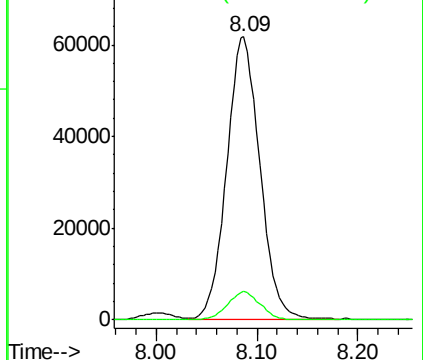


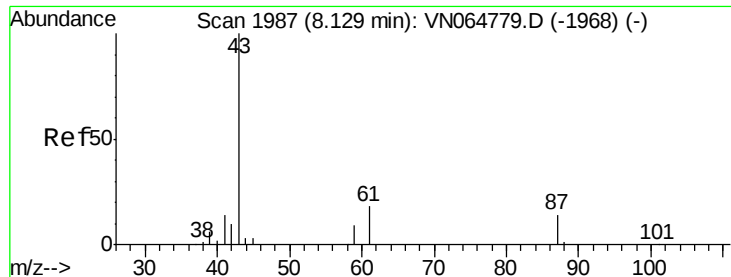
#42
1,2-Dichloroethane
Concen: 39.441 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.6	



Abundance Ion 61.90 (61.60 to 62.60): VN064779.D (-1957) (-)
Ion 97.90 (97.60 to 98.60): VN064779.D (-1957) (-)





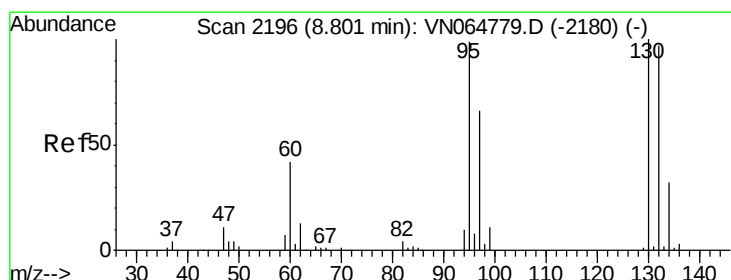
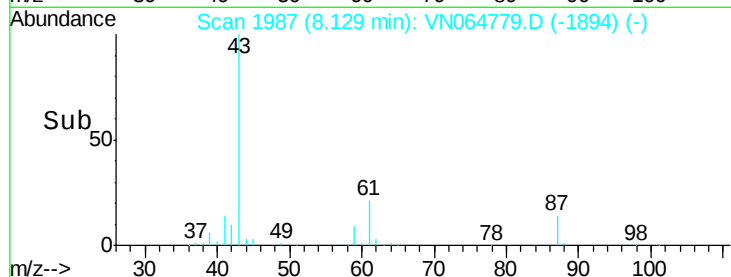
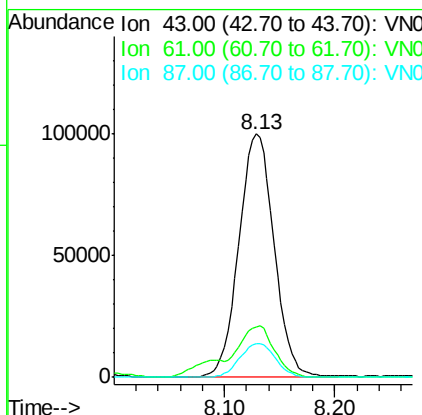
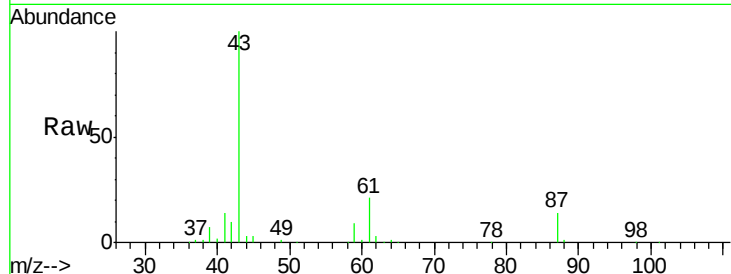
#43
Isopropyl Acetate
Concen: 44.670 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.2	25.8
87	14.2	11.4	17.0

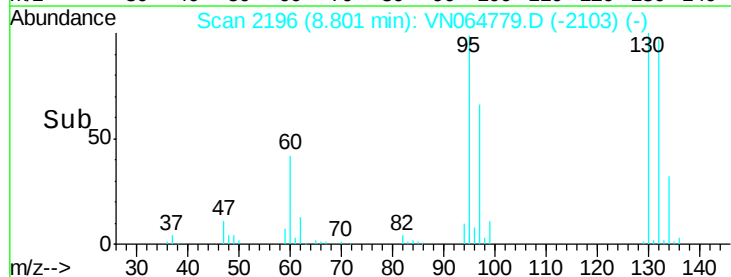
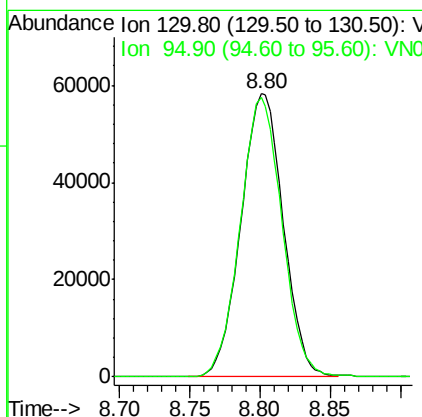
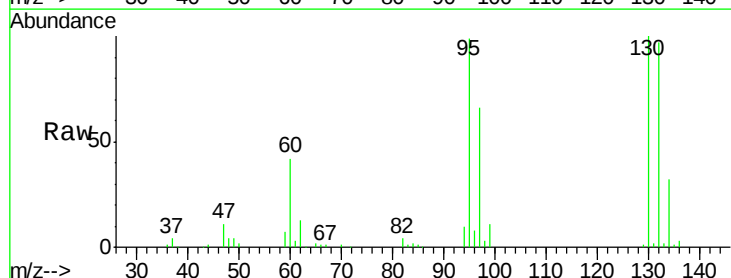
Manual Integrations
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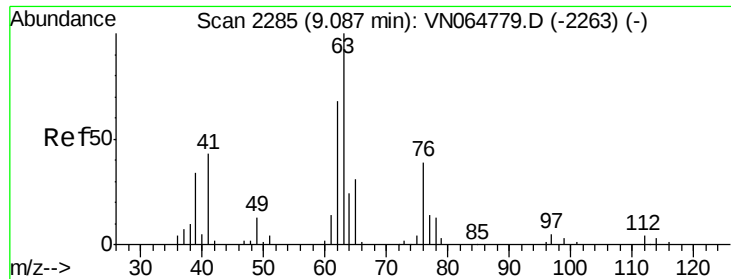
MMDadoda
11/24/2020 3:01:11 PM



#44
Trichloroethene
Concen: 48.954 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	197.8





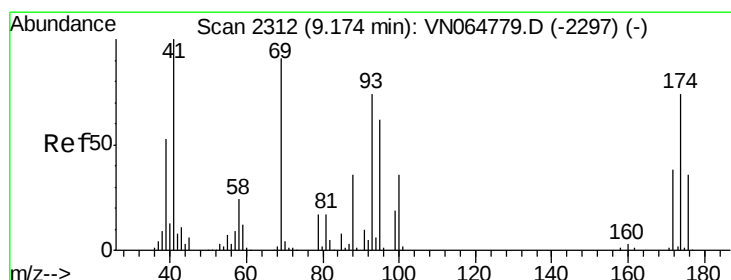
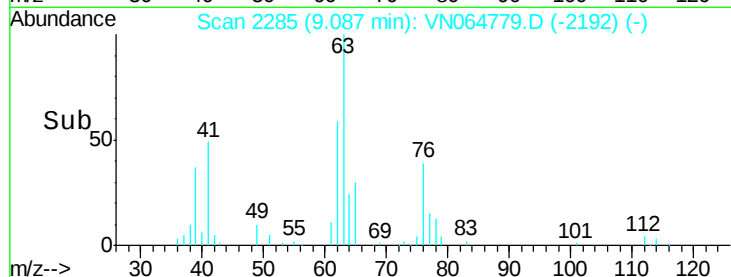
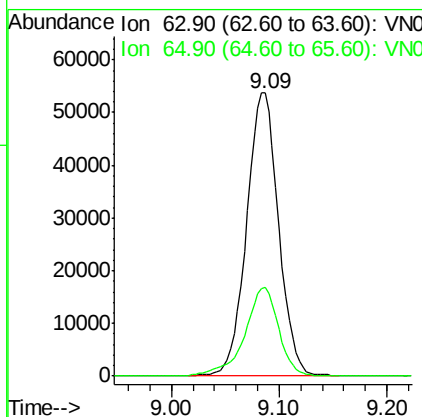
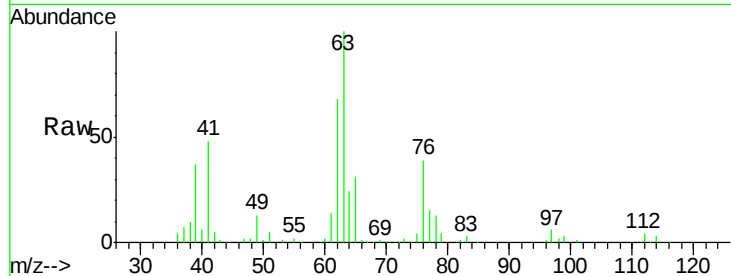
#45
 1,2-Dichloropropane
 Concen: 48.432 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 110682
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

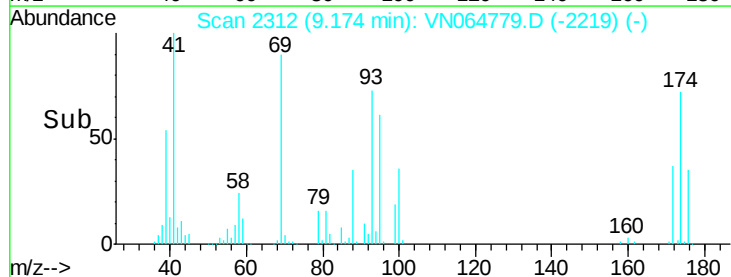
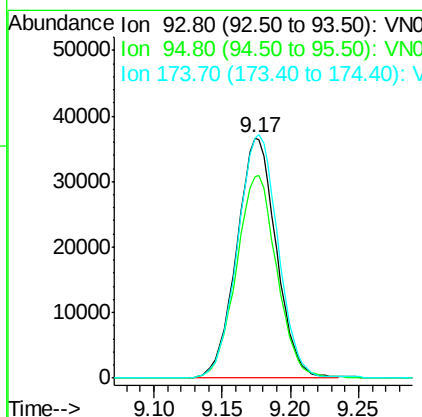
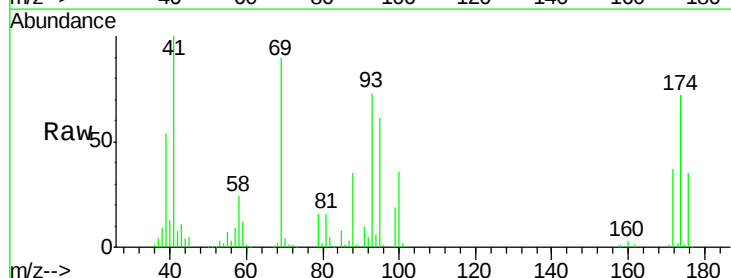
Manual Integrations
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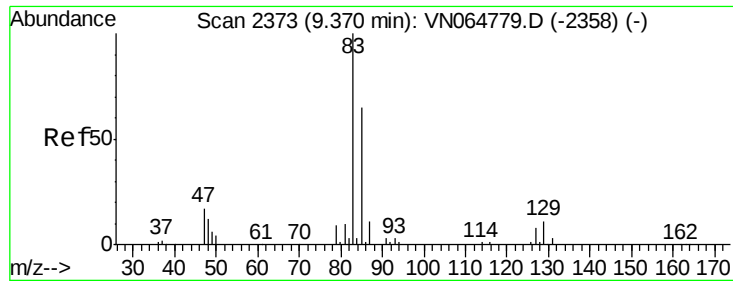
MMDadoda
 11/24/2020 3:01:11 PM



#46
 Dibromomethane
 Concen: 46.002 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 93 Resp: 73685
 Ion Ratio Lower Upper
 93 100
 95 86.0 68.8 103.2
 174 103.9 83.1 124.7





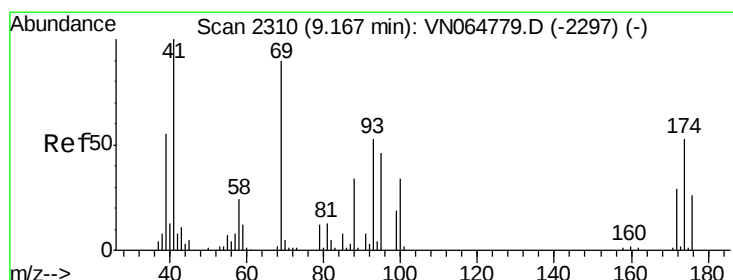
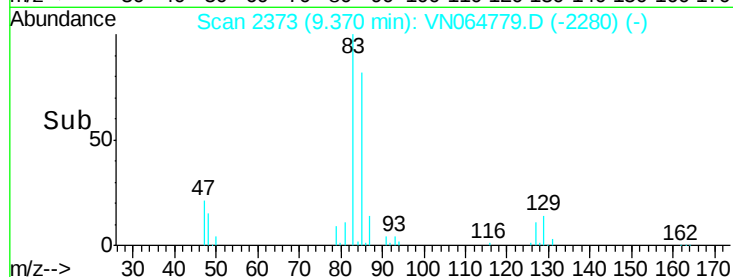
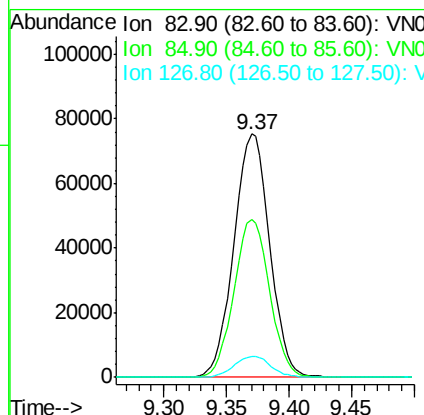
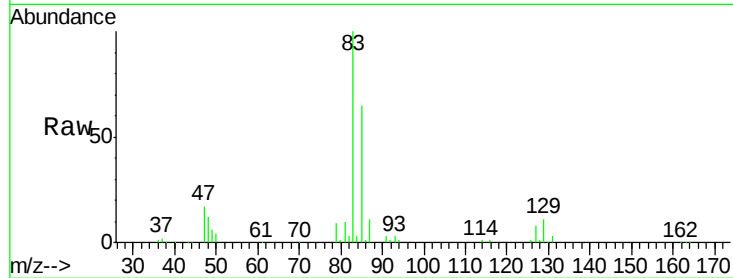
#47
Bromodichloromethane
Concen: 44.629 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	149624
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	8.5	6.8	10.2

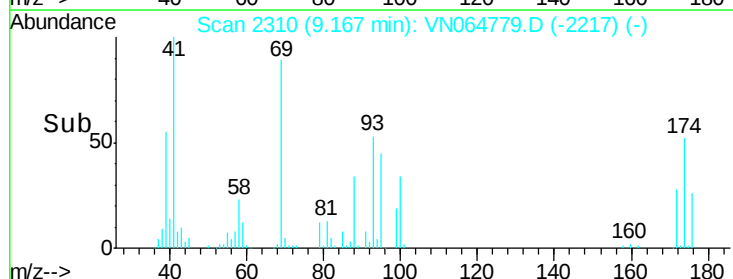
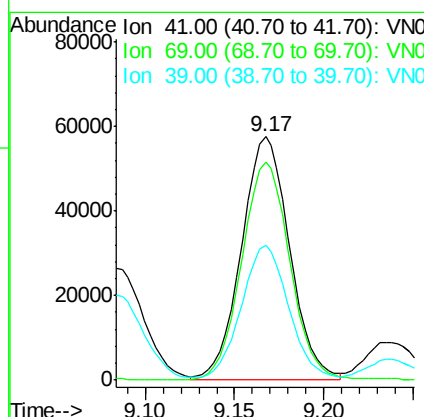
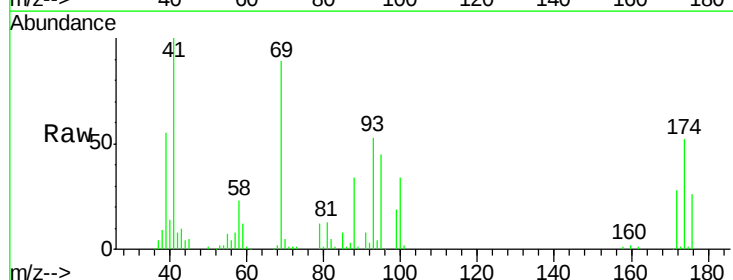
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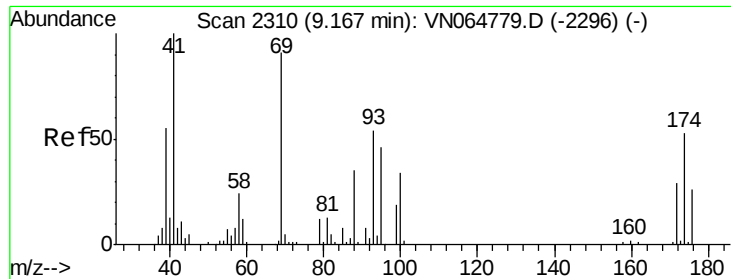
MMDadoda
11/24/2020 3:01:11 PM



#48
Methyl methacrylate
Concen: 46.568 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	41	Resp	108418
Ion Ratio	100	Lower	Upper
41	100		
69	89.8	71.8	107.8
39	55.1	44.1	66.1





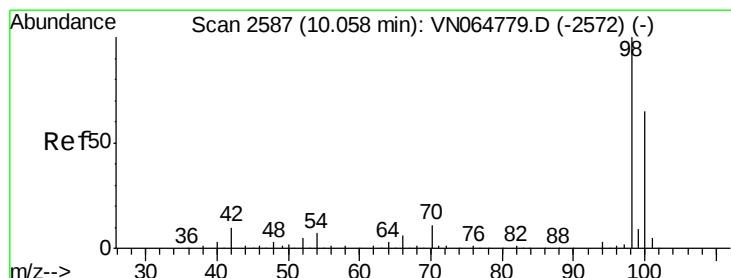
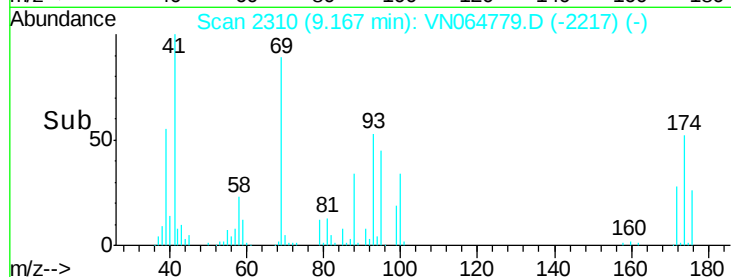
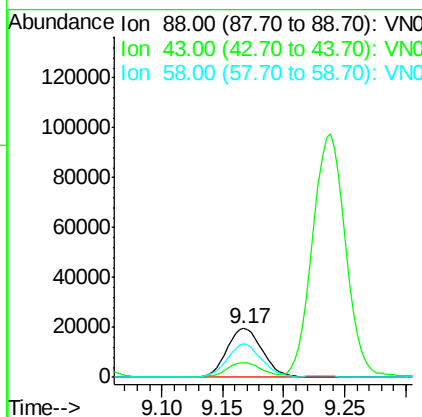
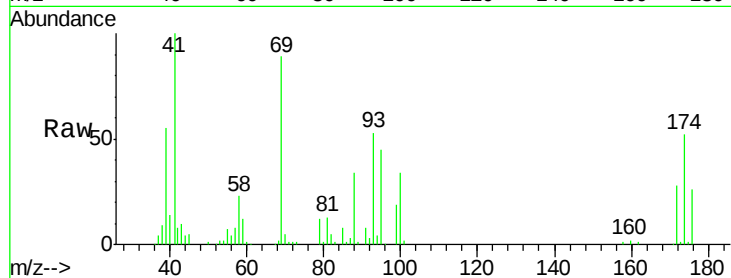
#49
1,4-Dioxane
Concen: 1278.401 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.2	36.4
58	65.6	52.5	78.7

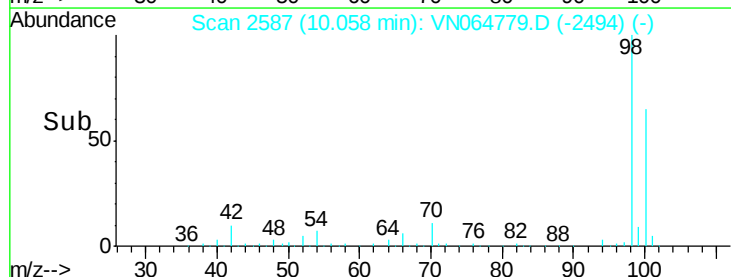
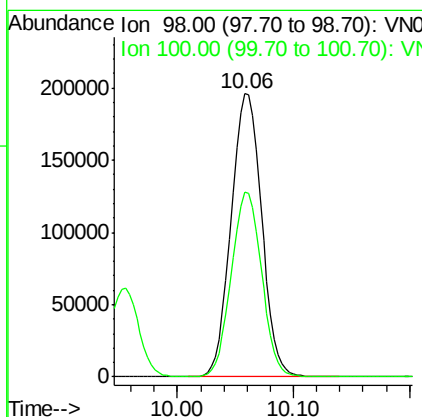
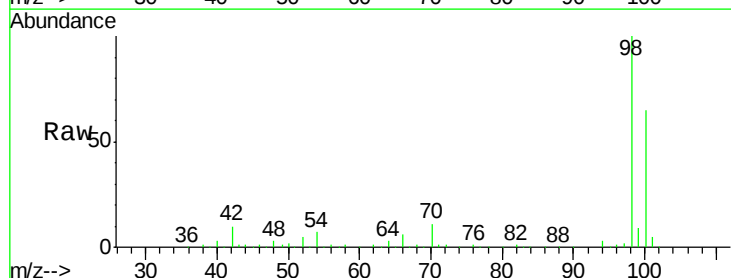
Manual Integrations
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#50
Toluene-d8
Concen: 46.187 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 251.903 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 678956

Ion Ratio Lower Upper

43 100

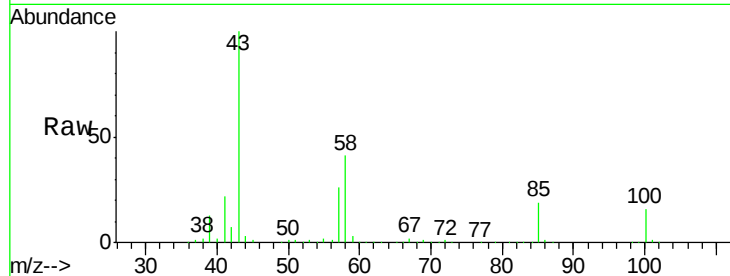
58 40.5 32.4 48.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

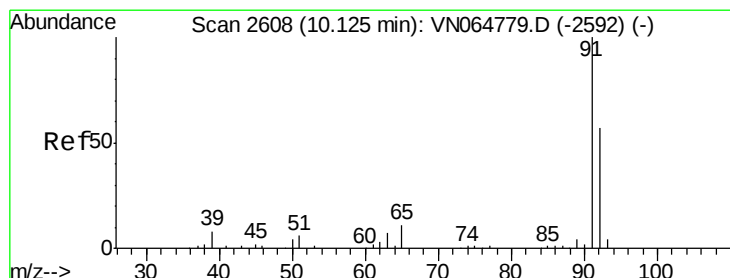
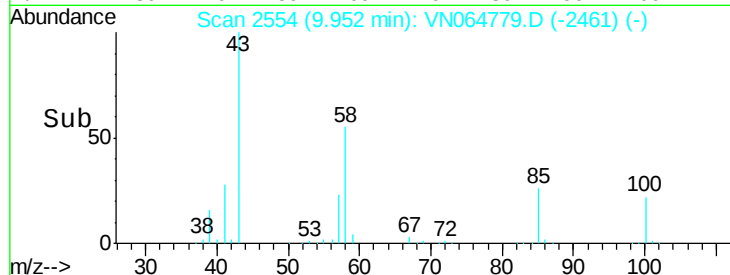
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.225 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064779.D

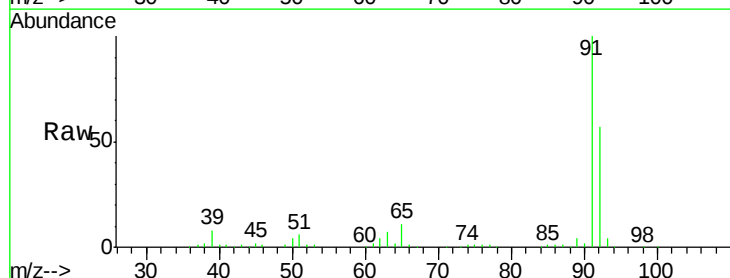
Acq: 23 Nov 2020 12:42

Tgt Ion: 92 Resp: 265399

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.13

300000

250000

200000

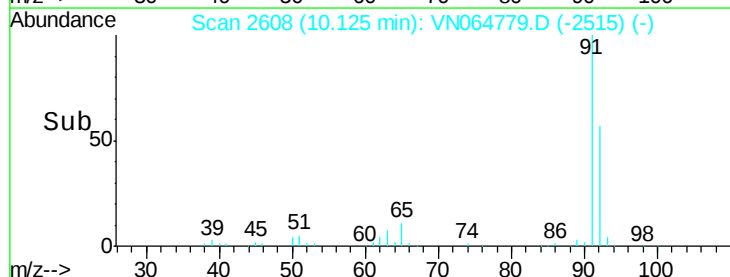
150000

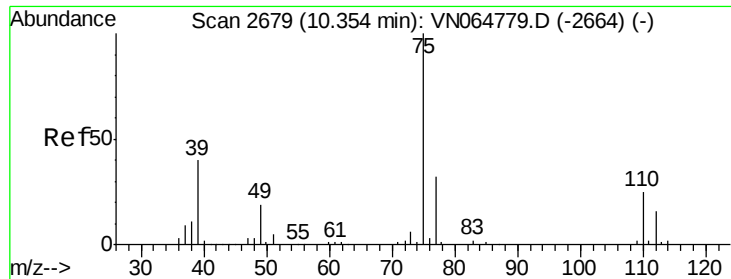
100000

50000

0

Time-->





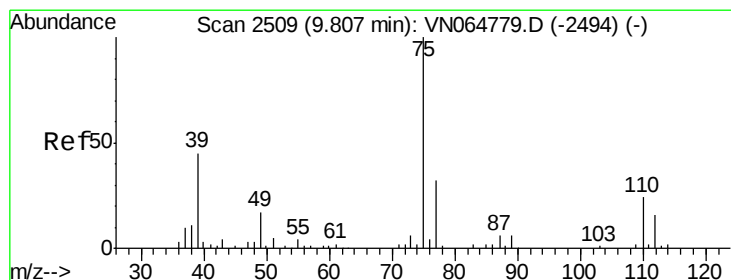
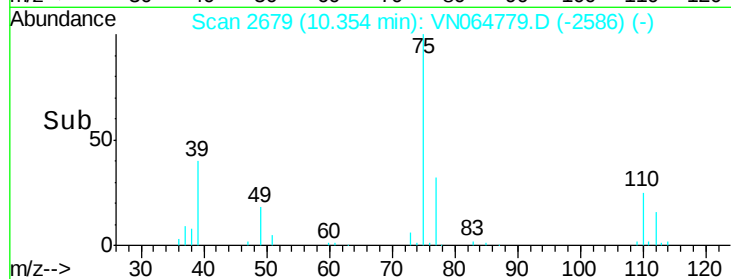
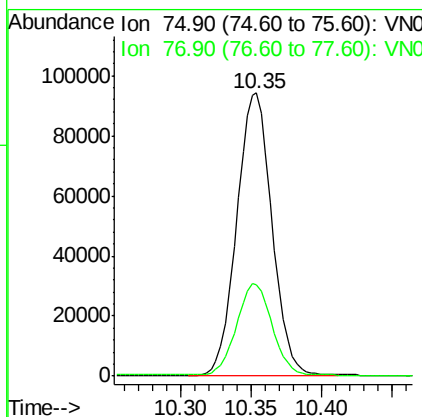
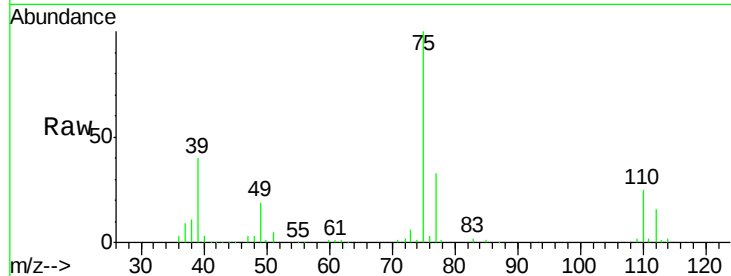
#53
t-1,3-Dichloropropene
Concen: 46.008 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 165363
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6

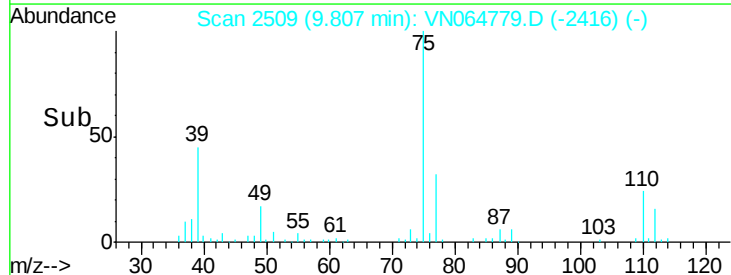
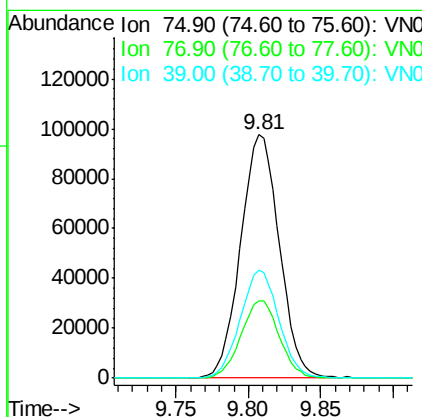
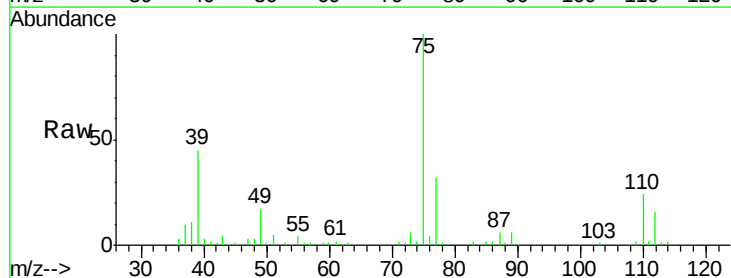
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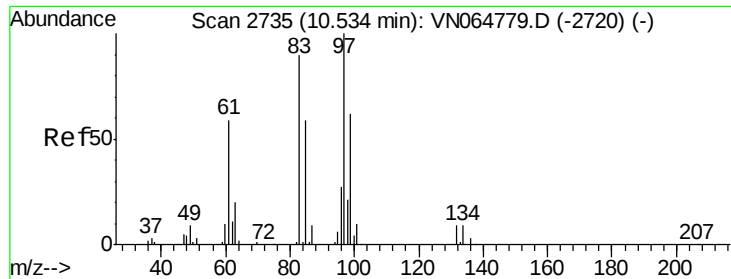
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#54
cis-1,3-Dichloropropene
Concen: 48.387 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 75 Resp: 181468
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 44.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 49.568 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

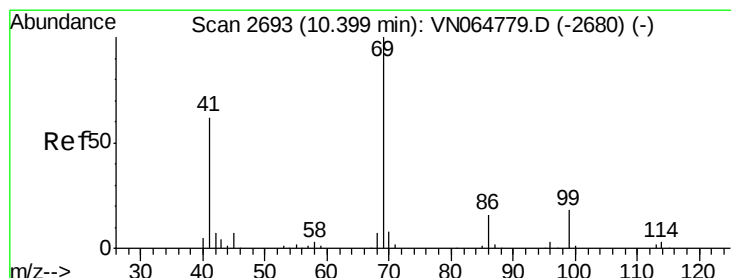
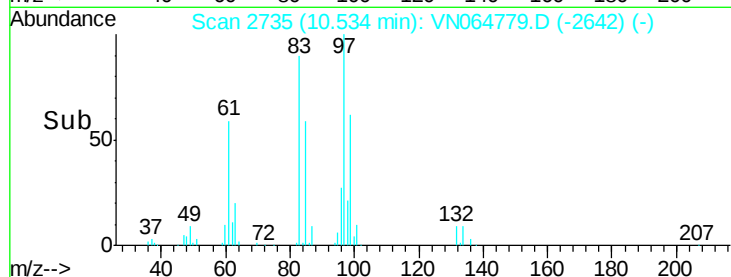
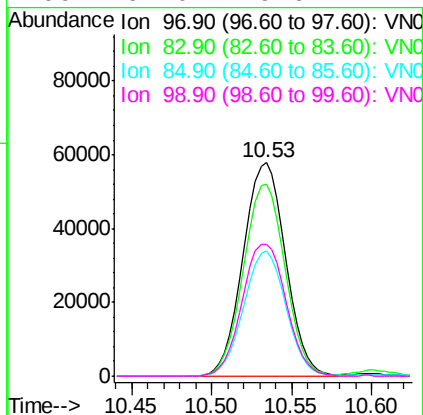
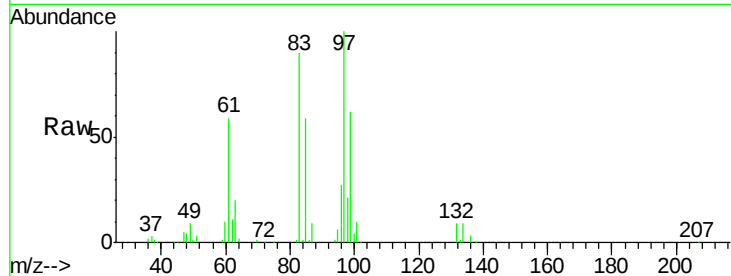
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	105016
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.1	108.1
85	58.5	46.8	70.2
99	62.0	49.6	74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 53.985 ug/l

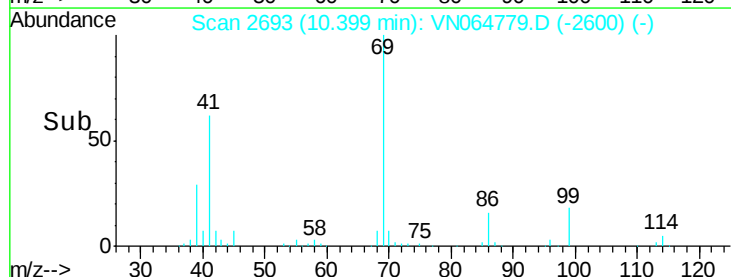
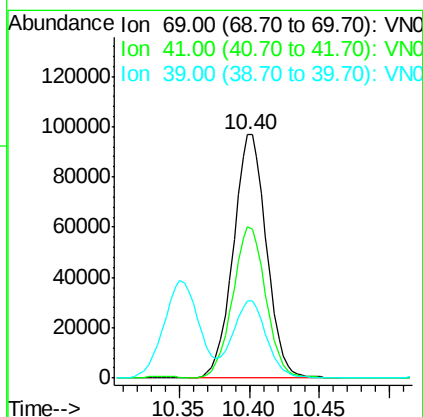
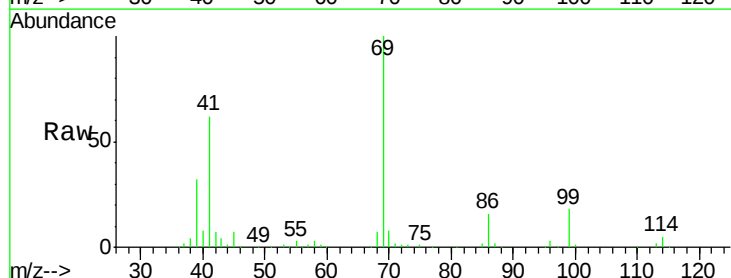
RT: 10.40 min Scan# 2693

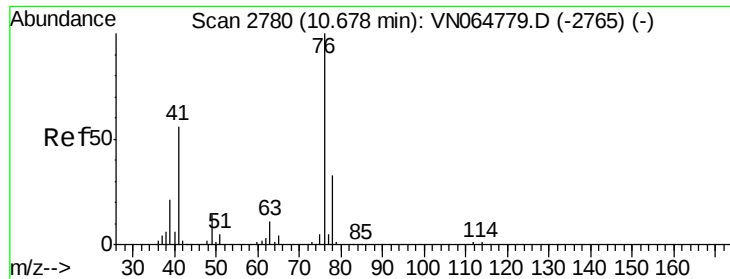
Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Tgt Ion:	69	Resp:	159645
Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.4	74.0
39	32.4	25.9	38.9





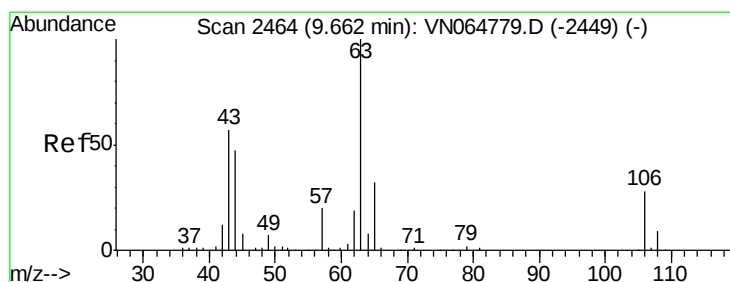
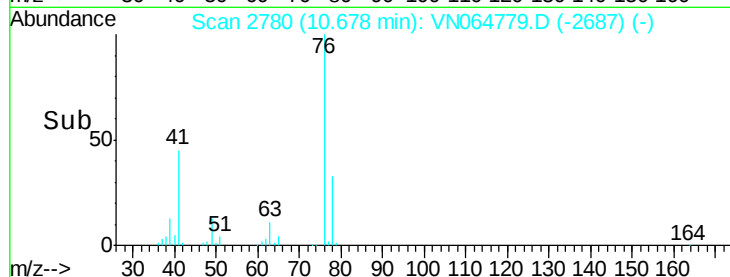
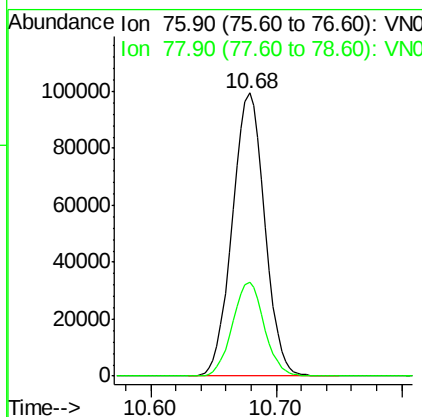
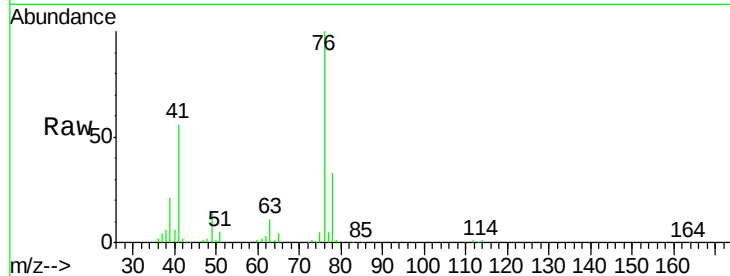
#57
 1,3-Dichloropropane
 Concen: 48.695 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 178591
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

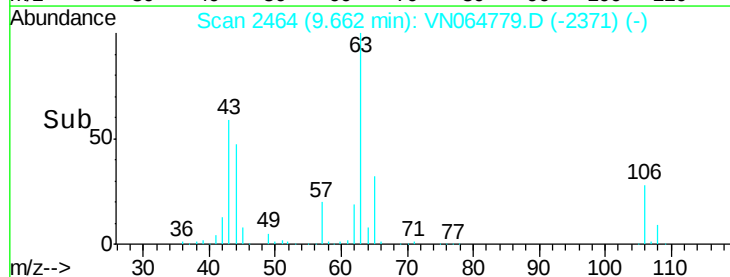
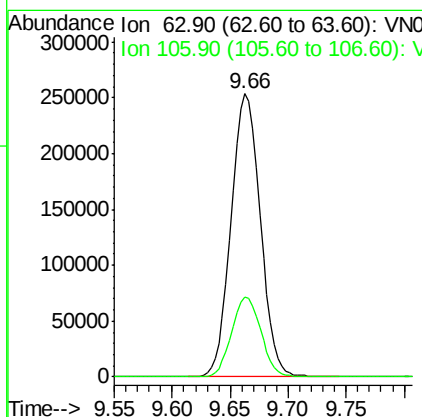
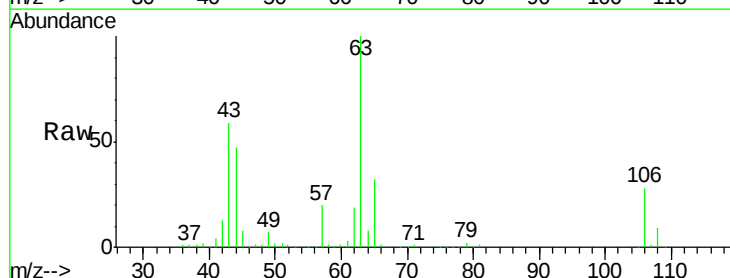
Manual Integrations
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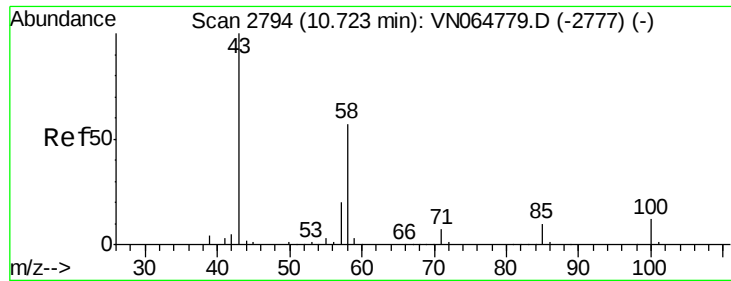
MMDadoda
 11/24/2020 3:01:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.608 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 63 Resp: 442760
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1





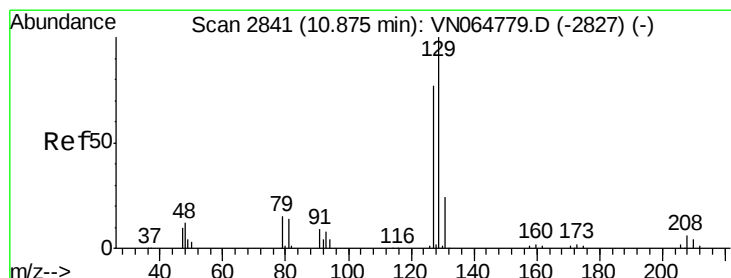
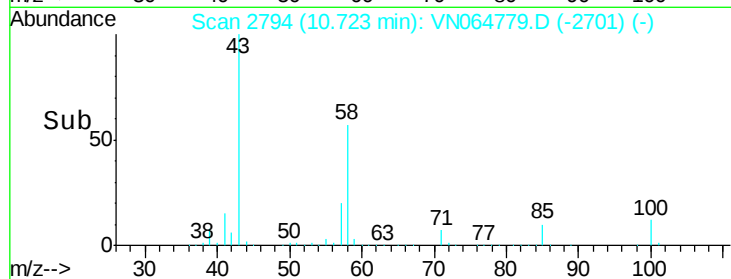
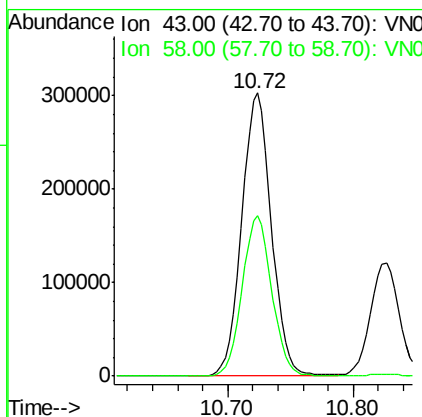
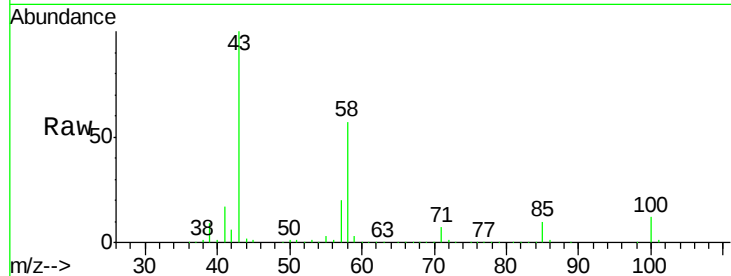
#59
2-Hexanone
Concen: 255.342 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 496959
Ion Ratio Lower Upper
43 100
58 56.6 28.3 84.9

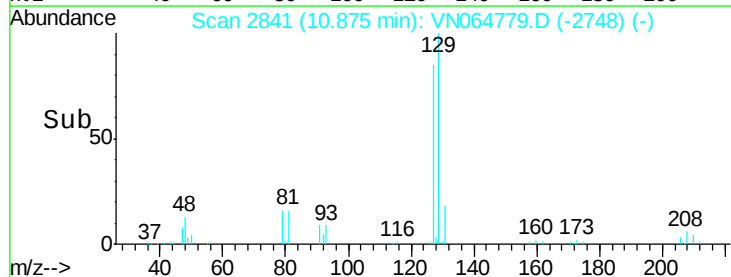
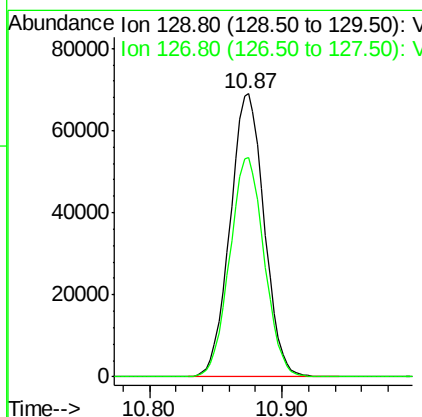
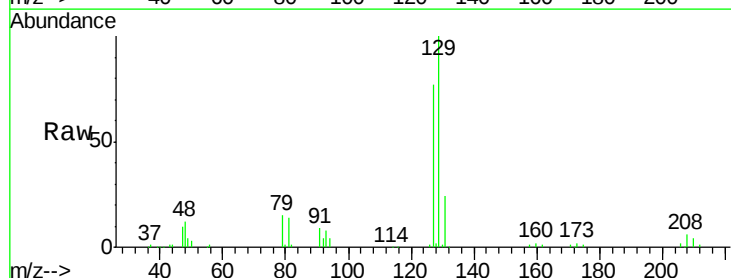
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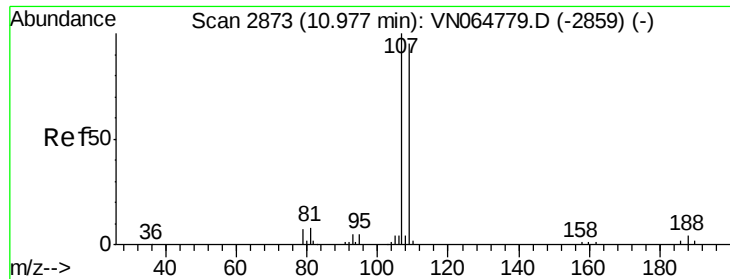
MMDadoda
11/24/2020 3:01:11 PM



#60
Dibromochloromethane
Concen: 50.205 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 129 Resp: 123368
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





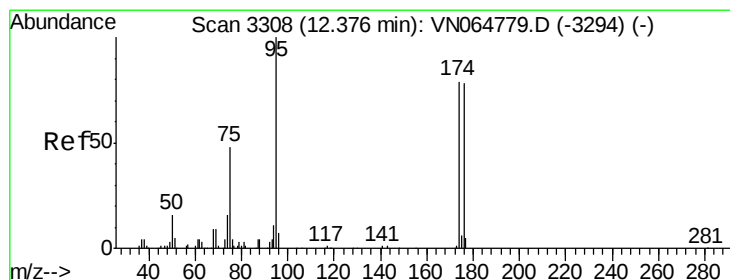
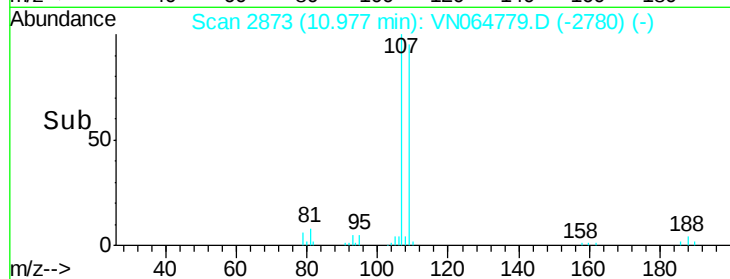
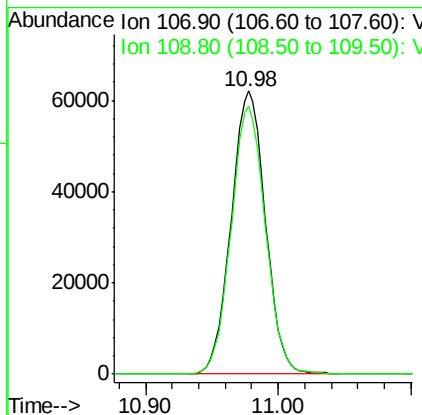
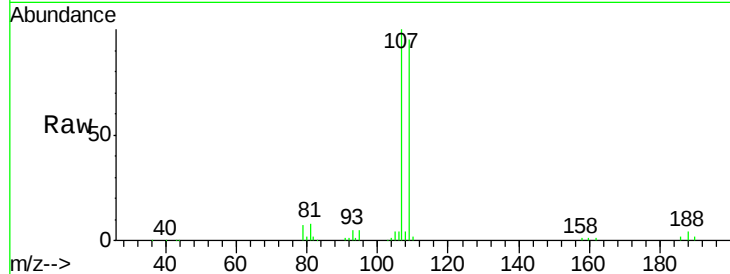
#61
 1,2-Dibromoethane
 Concen: 49.077 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.0	114.0

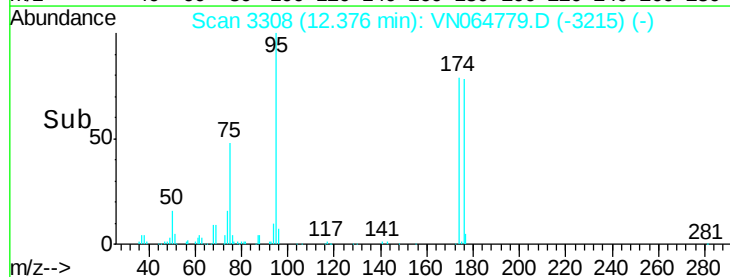
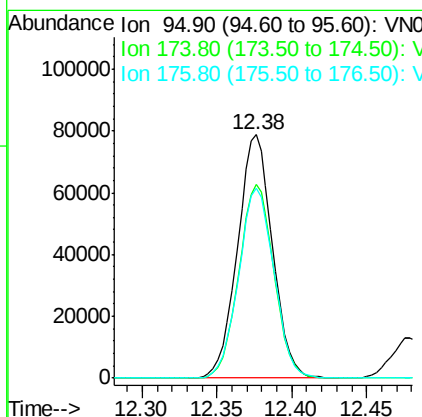
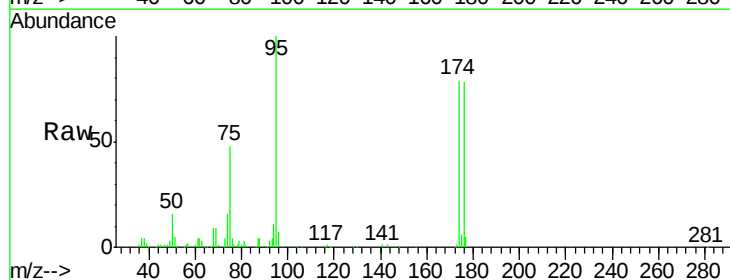
Manual Integrations
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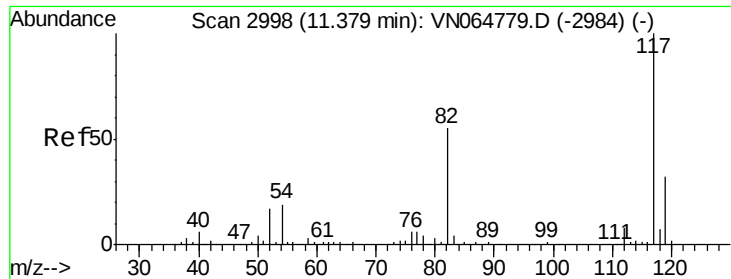
MMDadoda
 11/24/2020 3:01:11 PM



#62
 4-Bromofluorobenzene
 Concen: 44.567 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	160.4
176	79.2	0.0	158.4





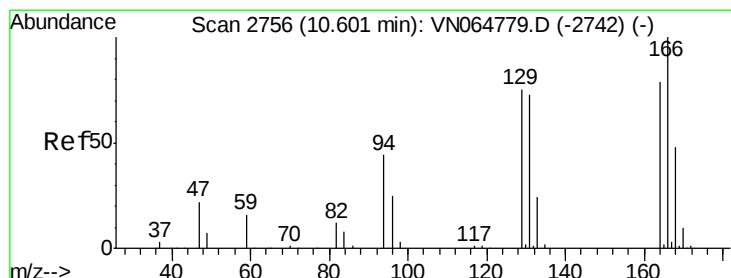
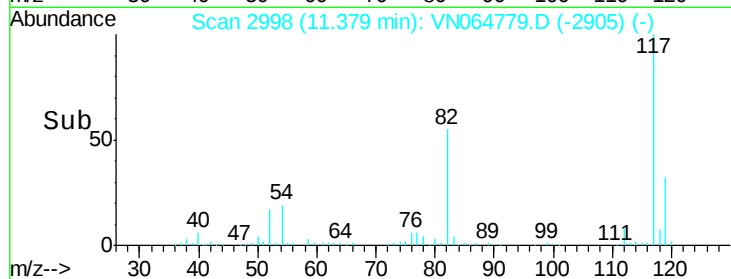
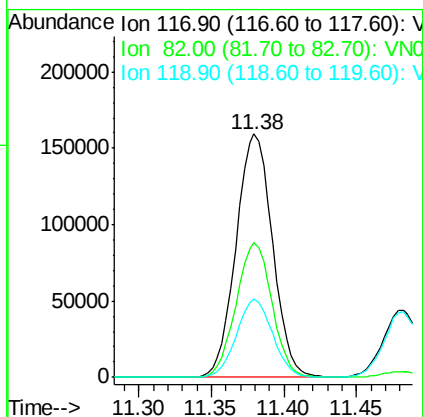
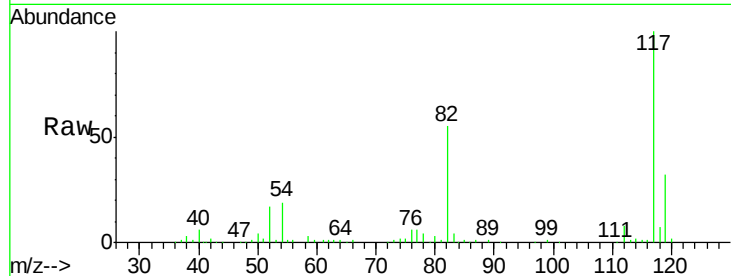
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.2
119	32.2	25.8	38.6

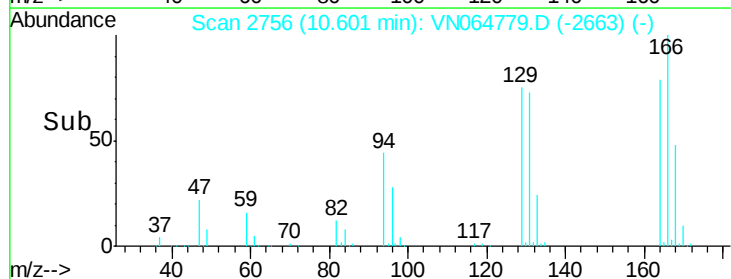
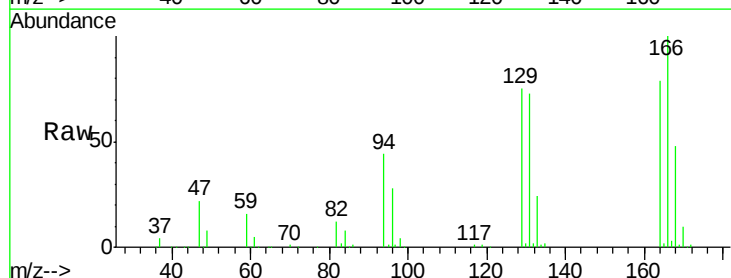
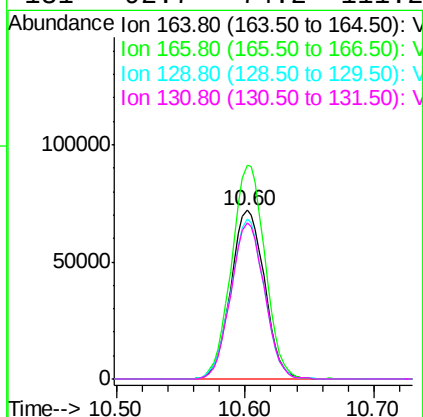
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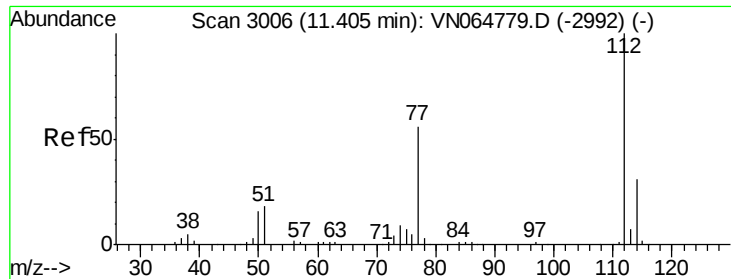
MMDadoda
11/24/2020 3:01:11 PM



#64
Tetrachloroethene
Concen: 52.537 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.4	152.0
129	95.1	76.1	114.1
131	92.7	74.2	111.2





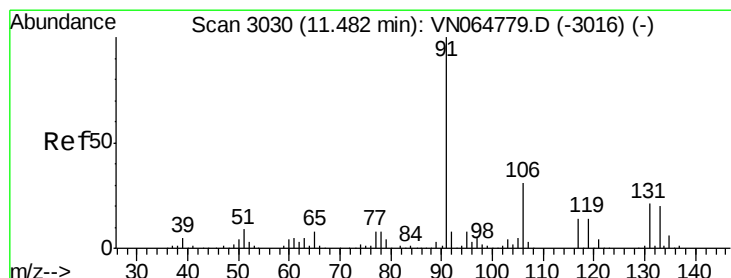
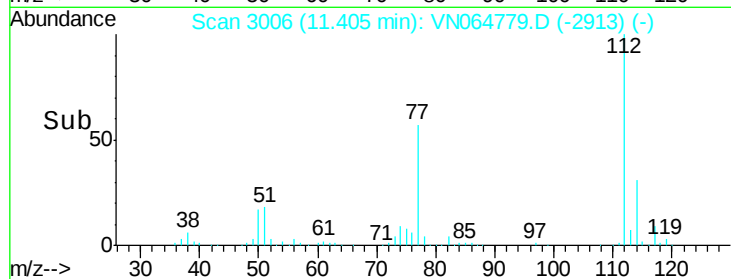
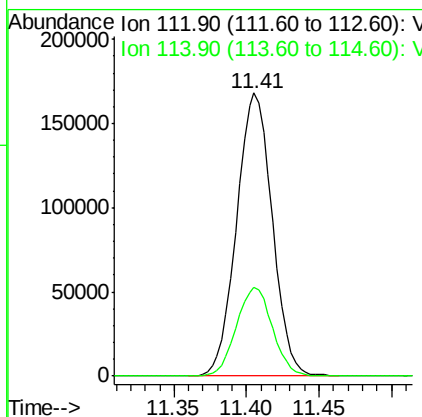
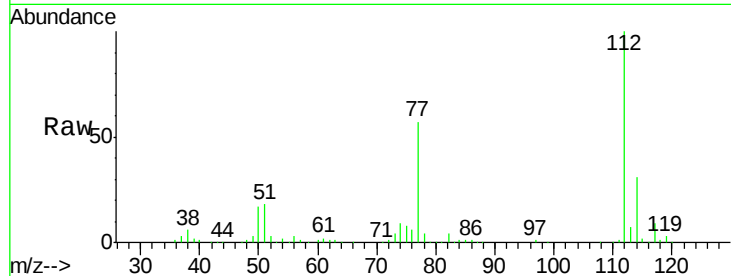
#65
Chlorobenzene
Concen: 48.922 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 287582
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

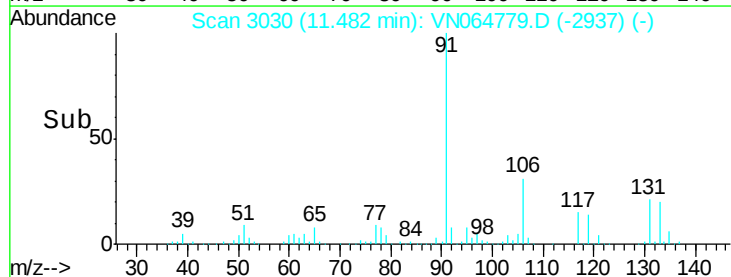
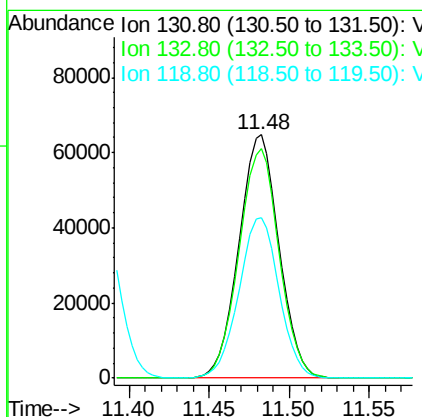
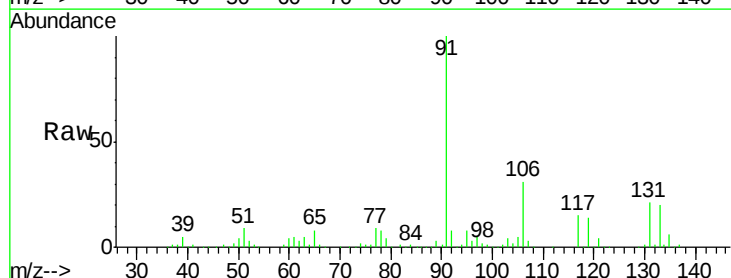
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.893 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion:131 Resp: 110113
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 66.5 33.3 99.8





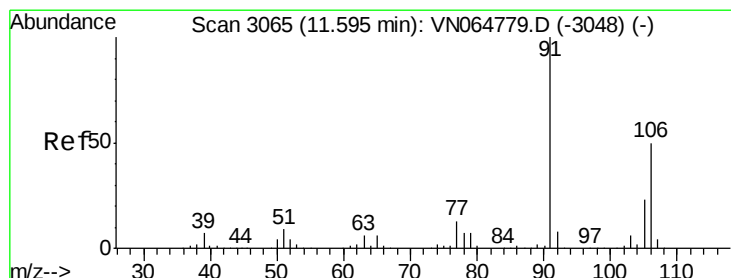
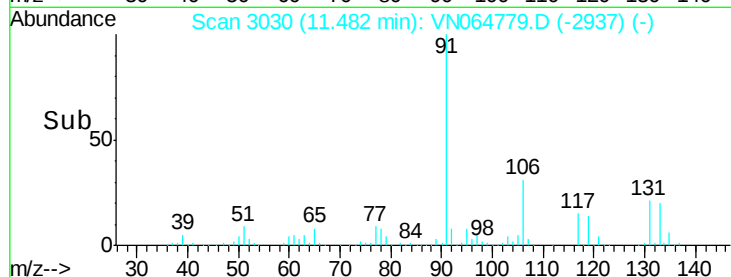
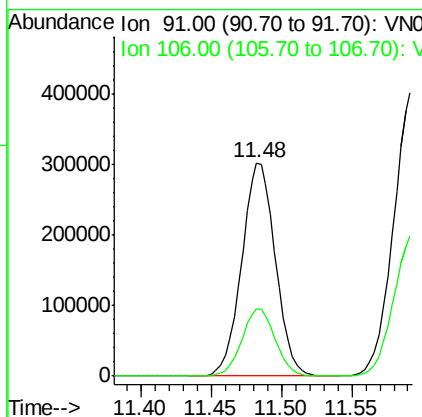
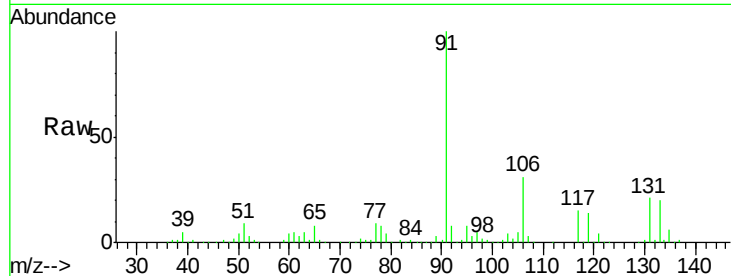
#67
Ethyl Benzene
Concen: 48.910 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 504259
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

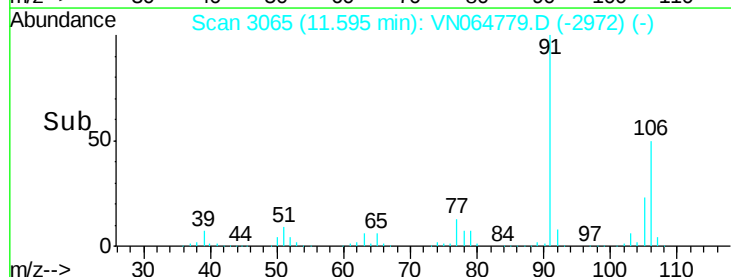
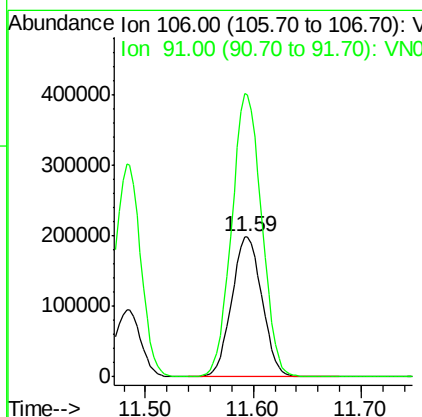
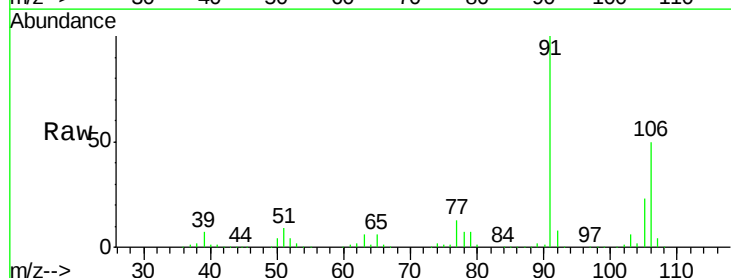
Manual Integrations
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#68
m/p-Xylenes
Concen: 103.850 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 106 Resp: 386945
Ion Ratio Lower Upper
106 100
91 201.2 161.0 241.4





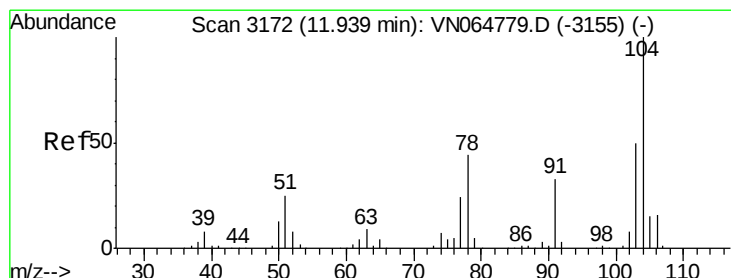
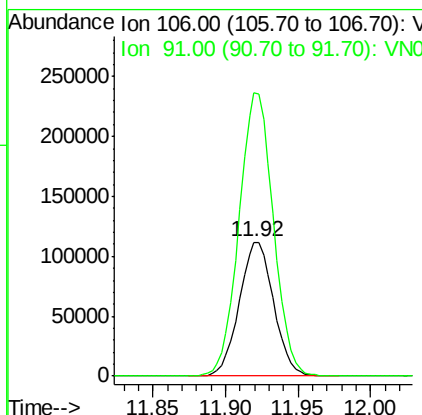
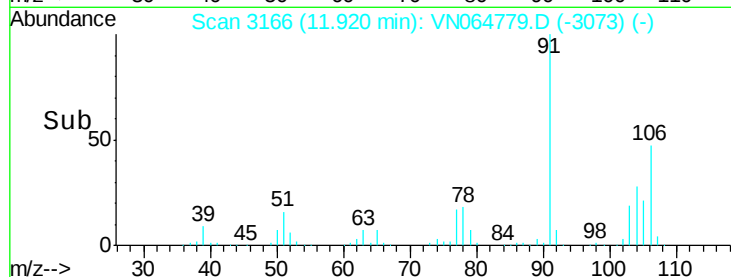
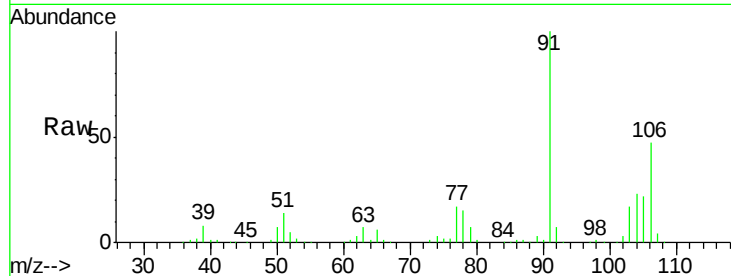
#69
o-Xylene
Concen: 51.005 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 184487
Ion Ratio Lower Upper
106 100
91 211.0 105.5 316.5

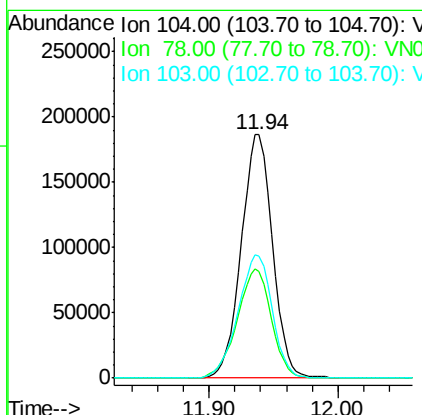
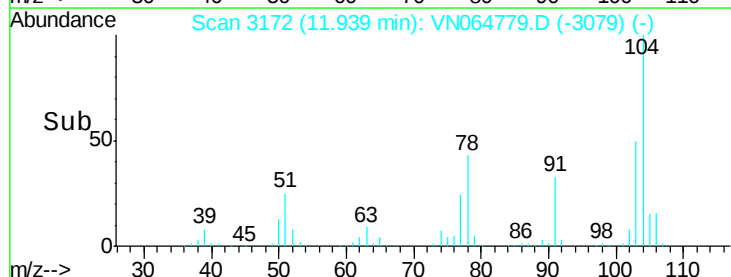
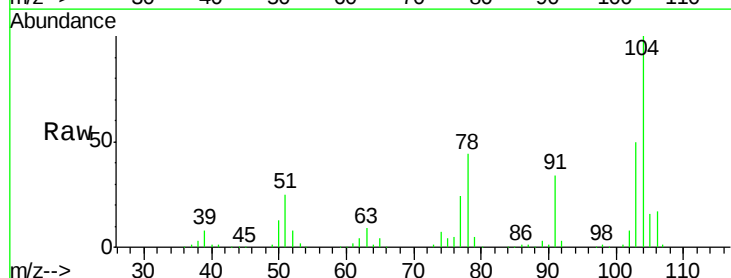
Manual Integrations
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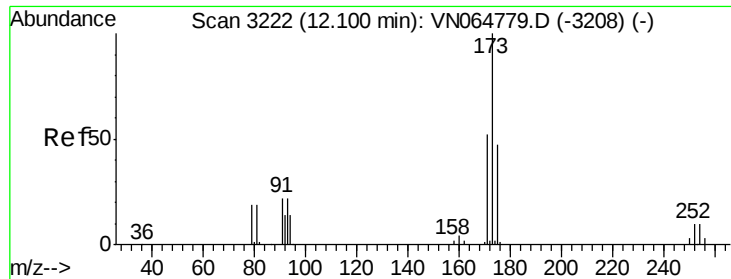
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#70
Styrene
Concen: 51.545 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion:104 Resp: 315686
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.4 44.3 66.5





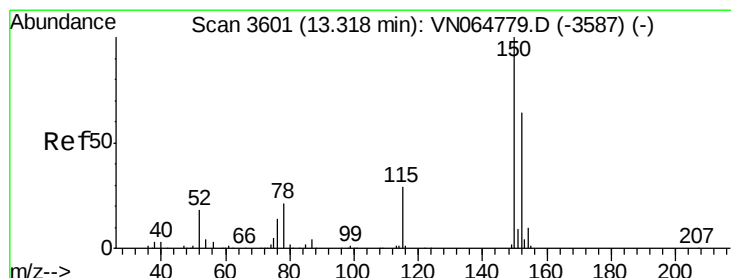
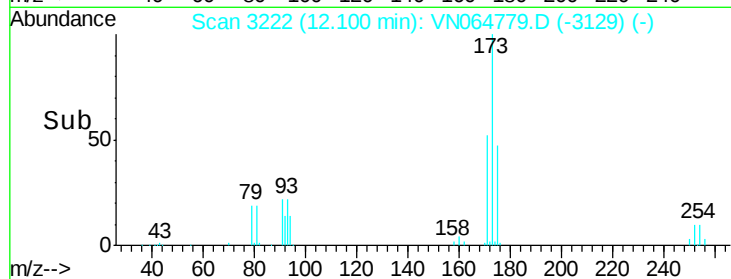
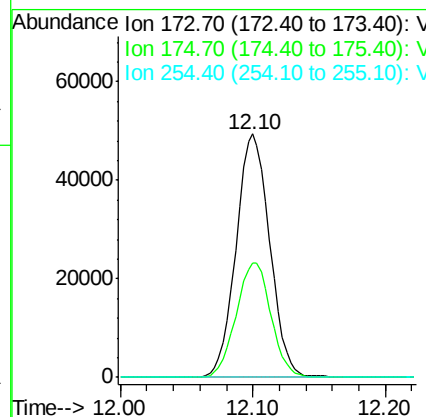
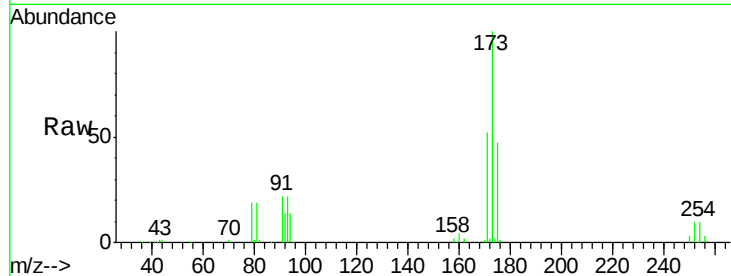
#71
Bromoform
Concen: 56.084 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.0	0.0	0.0

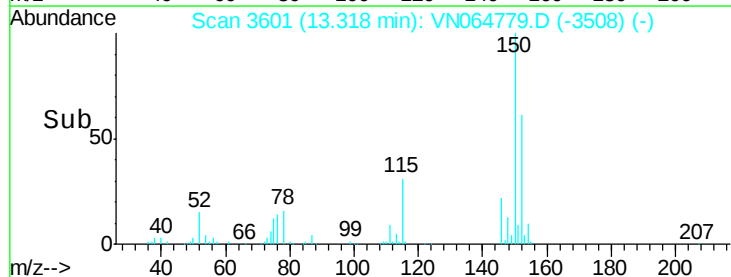
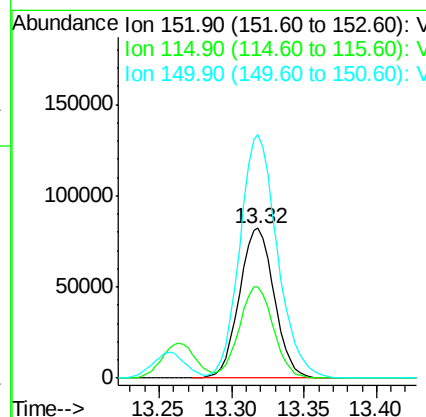
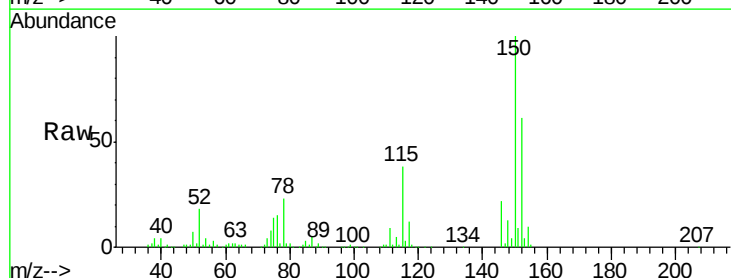
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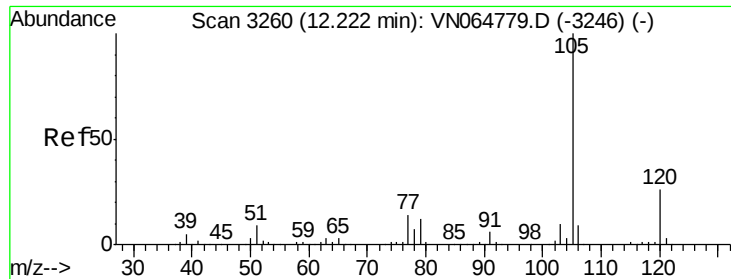
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.7	89.1
150	175.3	0.0	350.6





#73

Isopropylbenzene

Concen: 50.471 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 488408

Ion Ratio Lower Upper

105 100

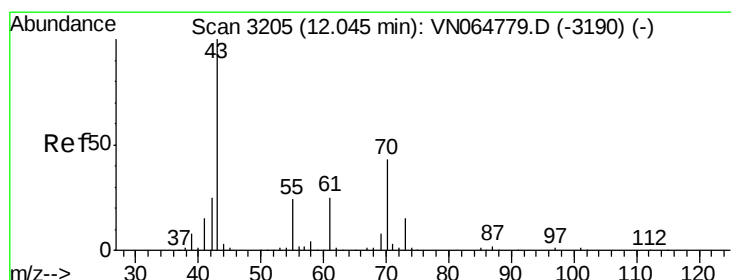
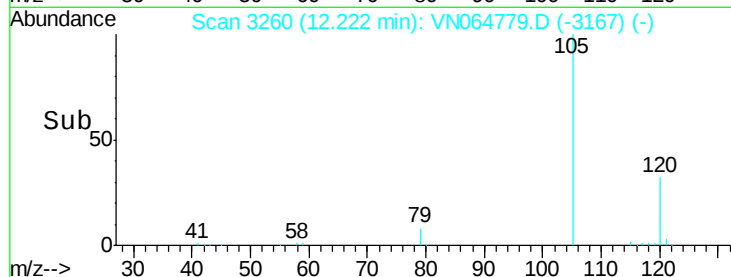
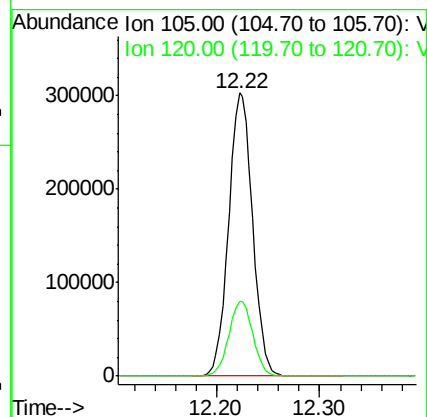
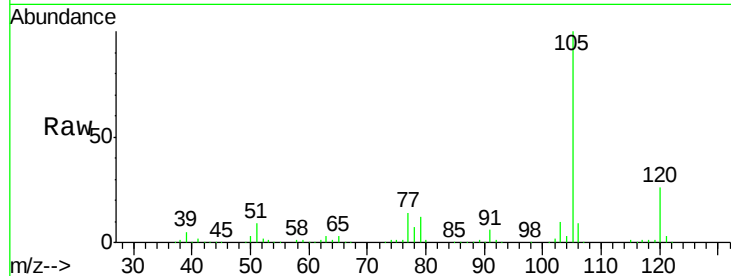
120 26.6 13.3 39.9

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#74

N-ethyl acetate

Concen: 44.387 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Tgt Ion: 43 Resp: 195474

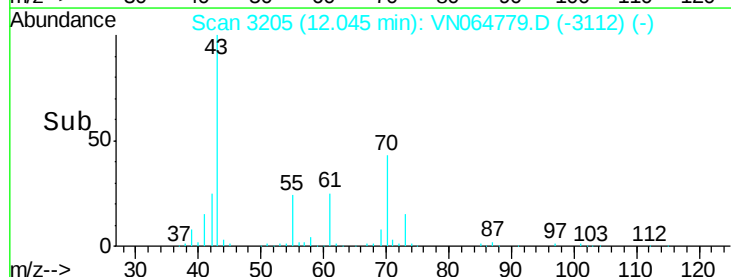
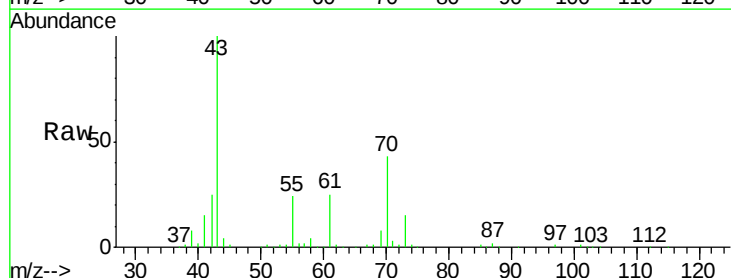
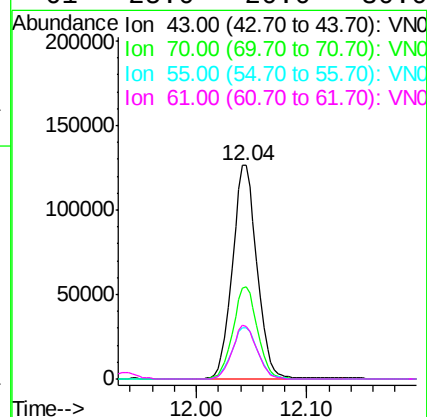
Ion Ratio Lower Upper

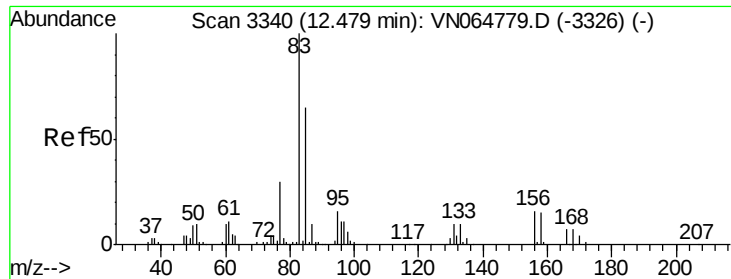
43 100

70 43.1 34.5 51.7

55 25.5 20.4 30.6

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.253 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 136610
Ion Ratio Lower Upper

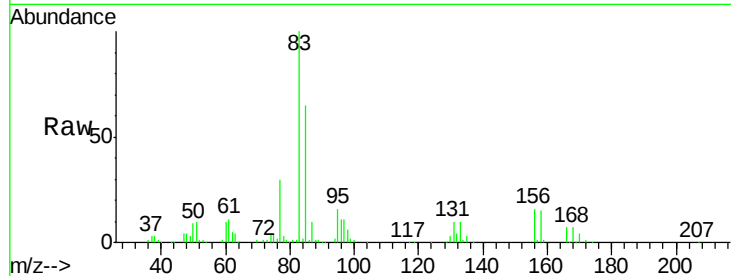
83 100

131 10.2 5.1 15.3

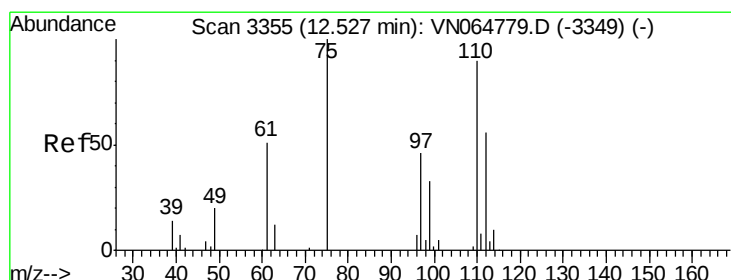
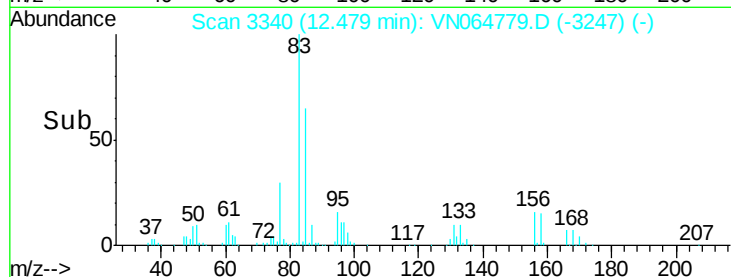
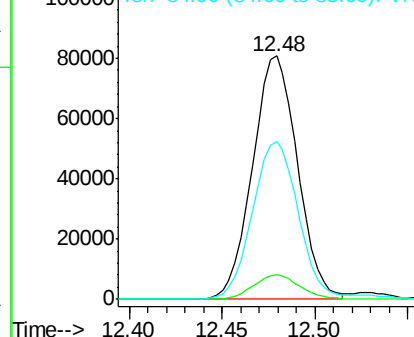
85 66.0 33.0 99.0

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN
Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 50.719 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

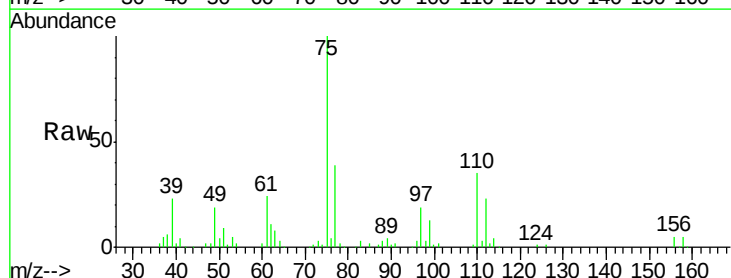
Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

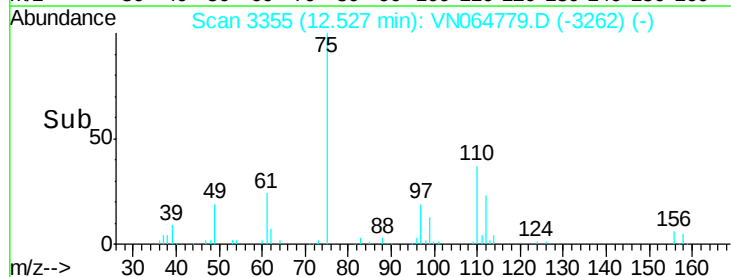
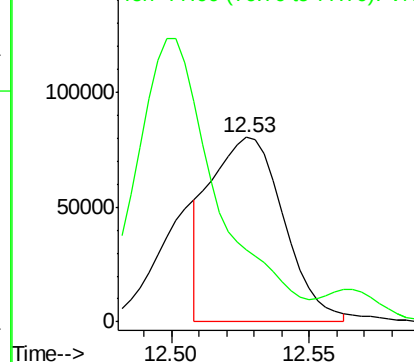
Tgt Ion: 75 Resp: 149025
Ion Ratio Lower Upper

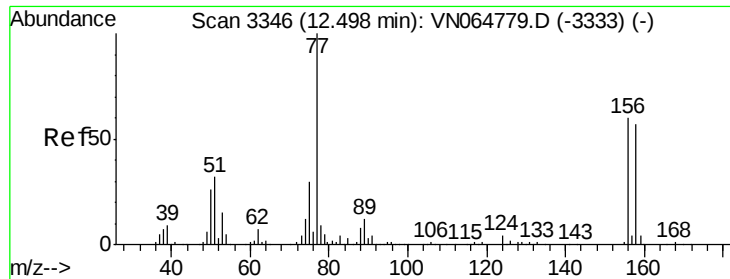
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN





#77

Bromobenzene

Concen: 50.630 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

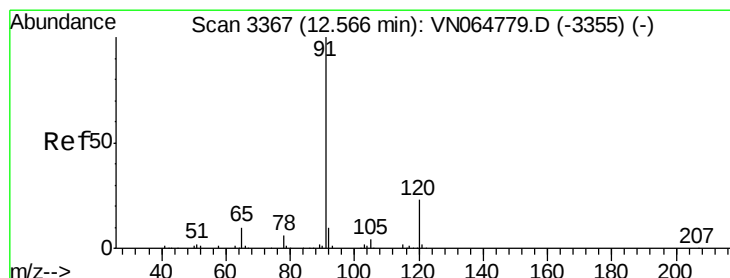
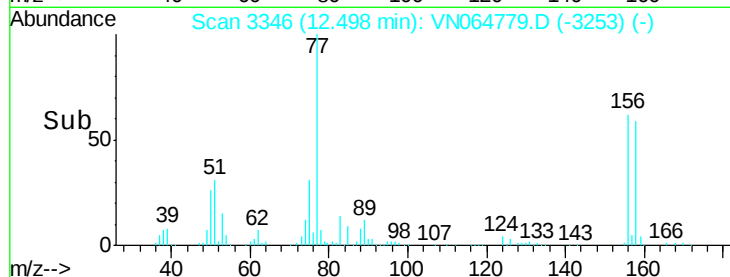
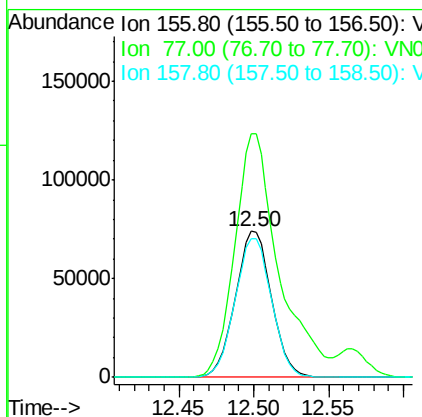
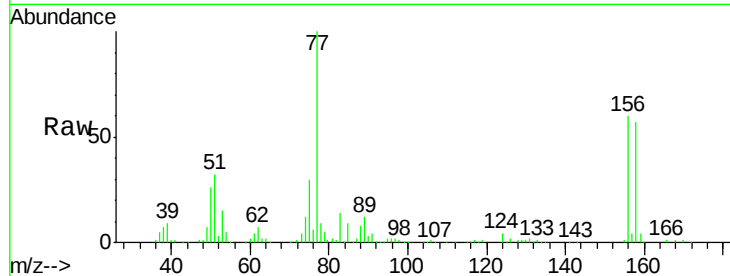
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	124559
Ion Ratio	Lower	Upper	
156	100		
77	202.5	101.3	303.7
158	96.4	48.2	144.6

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#78

n-propylbenzene

Concen: 49.988 ug/l

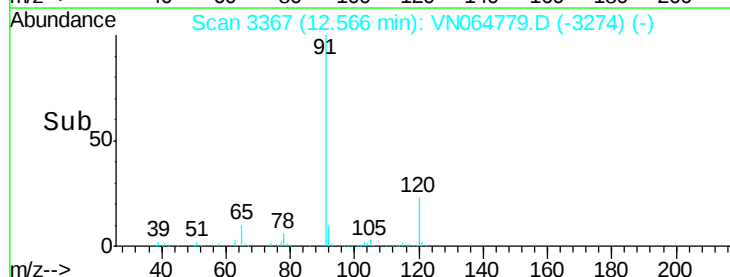
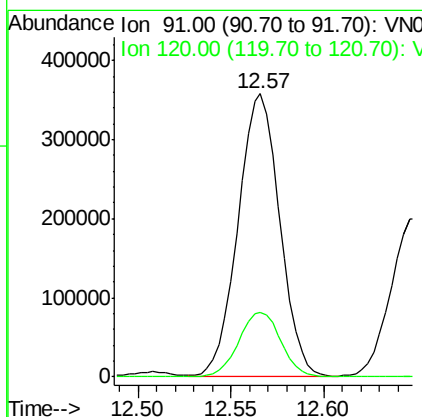
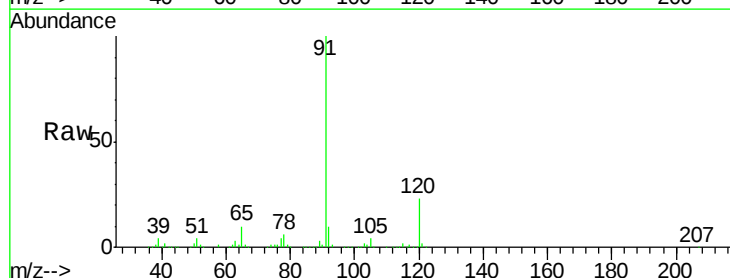
RT: 12.57 min Scan# 3367

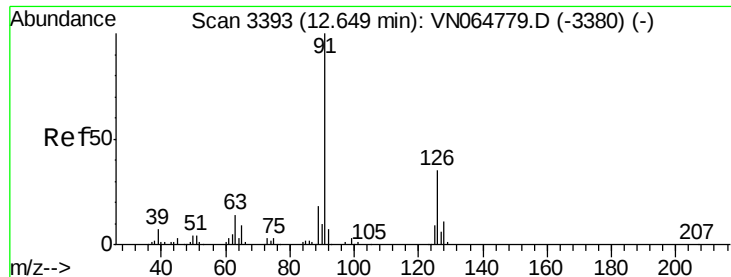
Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Tgt Ion:	91	Resp:	561363
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.6	34.7





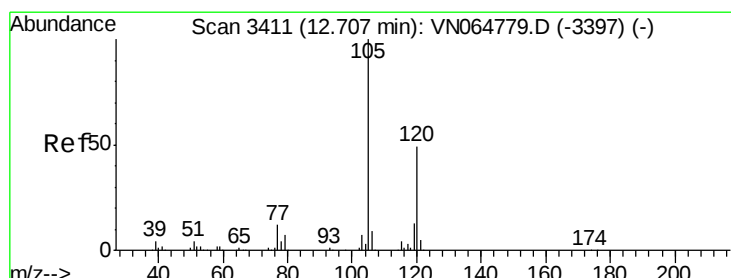
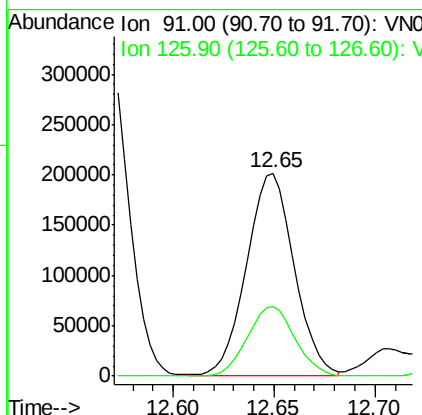
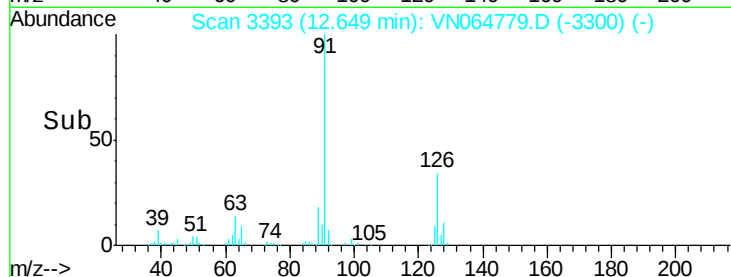
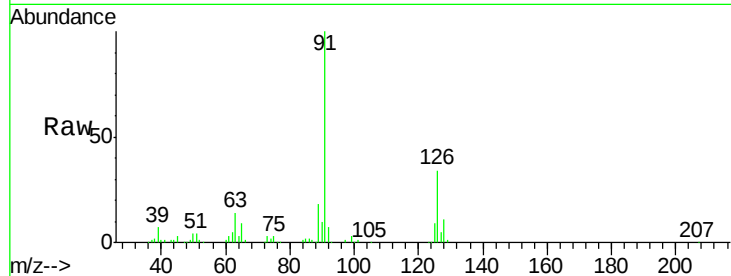
#79
 2-Chlorotoluene
 Concen: 46.656 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 333377
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.2 51.6

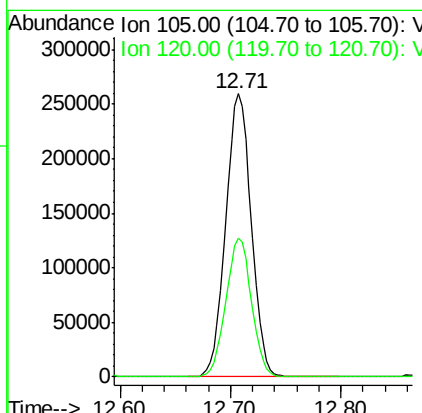
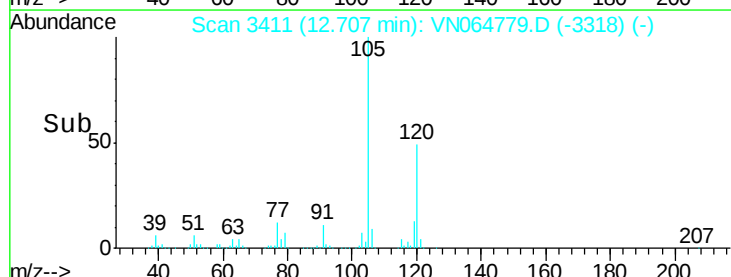
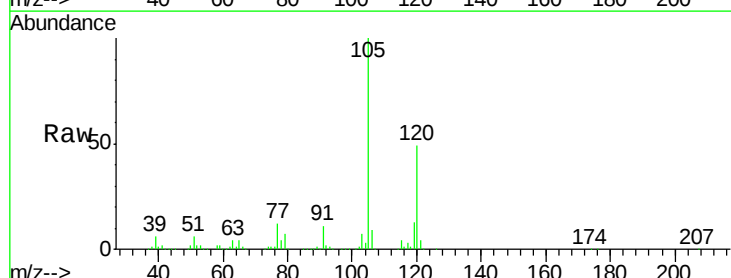
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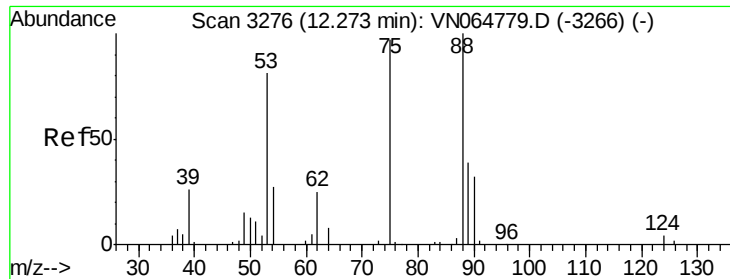
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.898 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 105 Resp: 416738
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.809 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

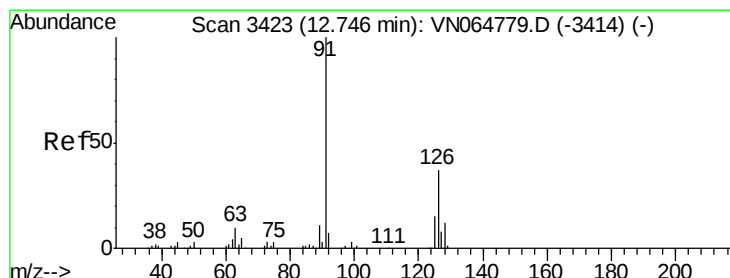
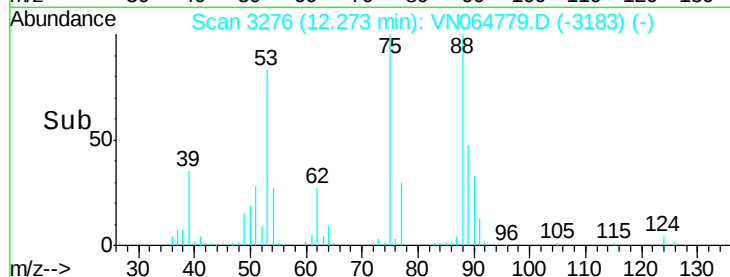
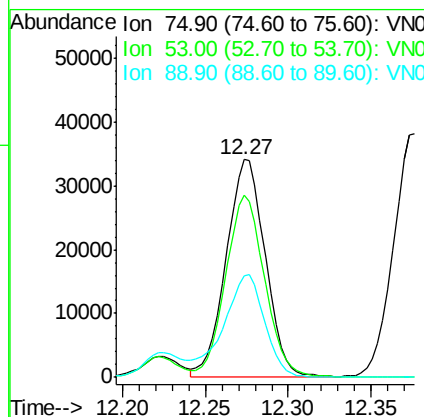
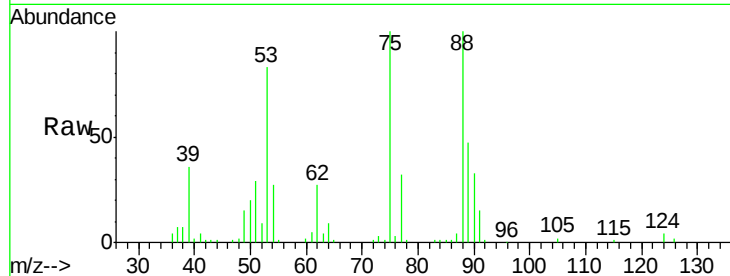
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	56134
Ion	Ratio	Lower	Upper
75	100		
53	83.7	67.0	100.4
89	49.5	39.6	59.4

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#82

4-Chlorotoluene

Concen: 45.999 ug/l

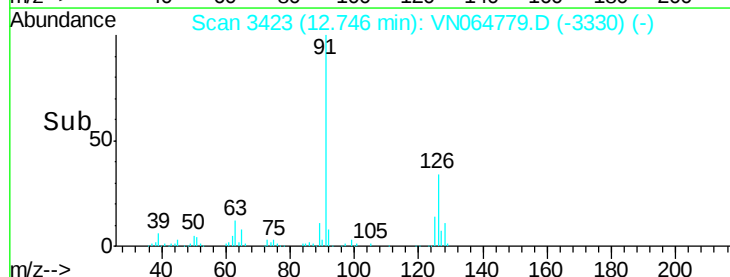
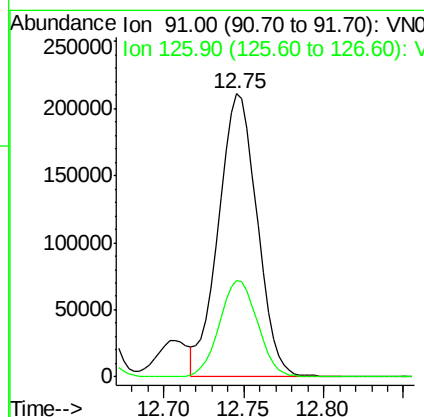
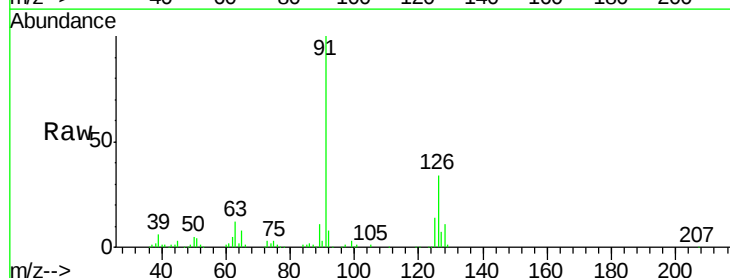
RT: 12.75 min Scan# 3423

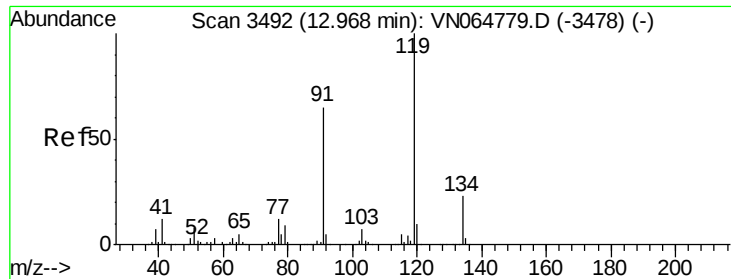
Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Tgt Ion:	91	Resp:	348902
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.7





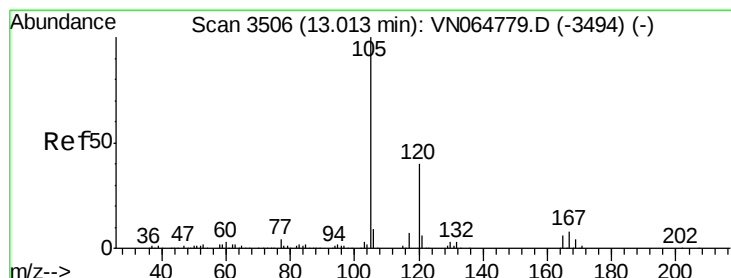
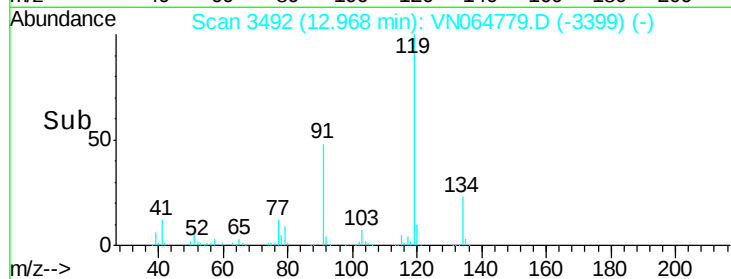
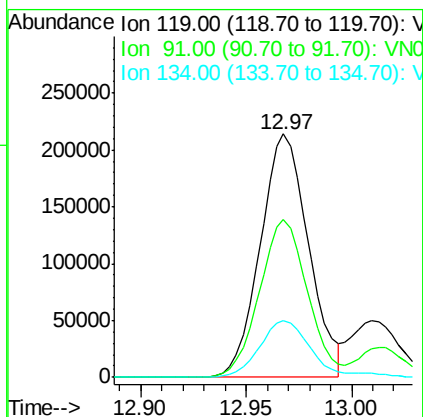
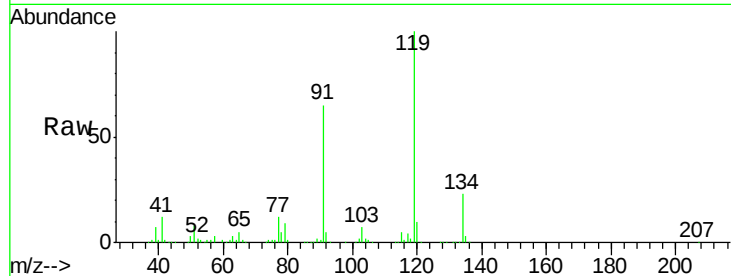
#83
tert-Butylbenzene
Concen: 54.405 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	341212		
91	64.5	32.3	96.8	
134	25.1	12.6	37.6	

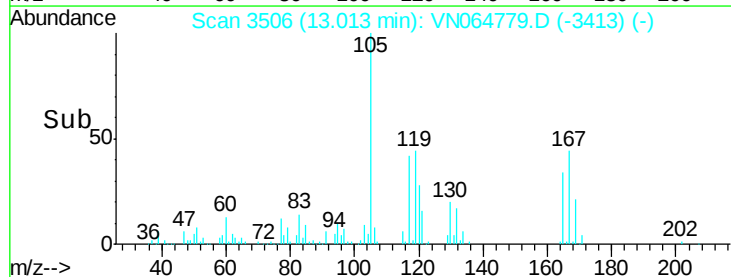
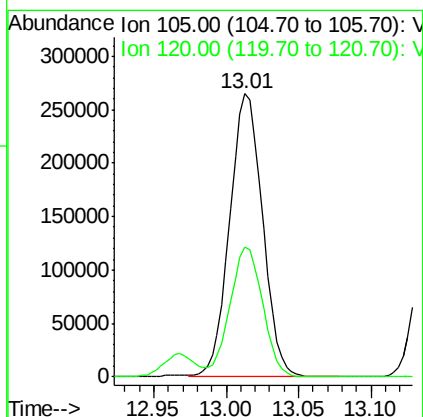
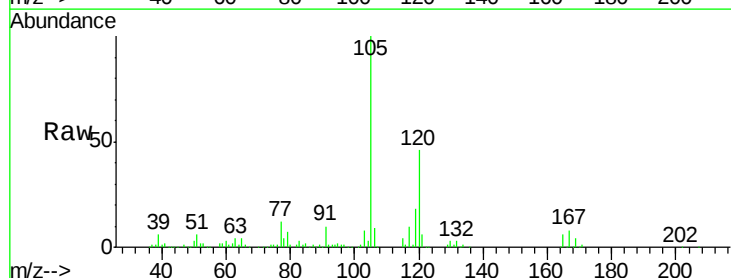
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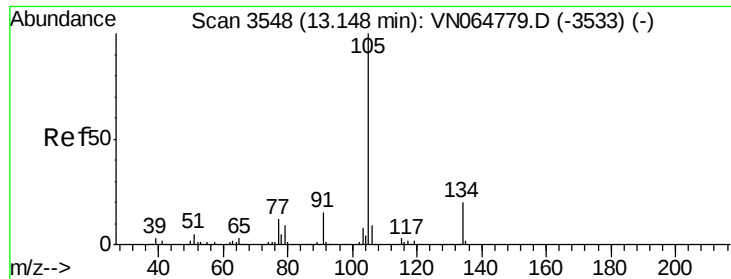
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#84
1,2,4-Trimethylbenzene
Concen: 50.925 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	416335		
120	46.1	23.1	69.2	





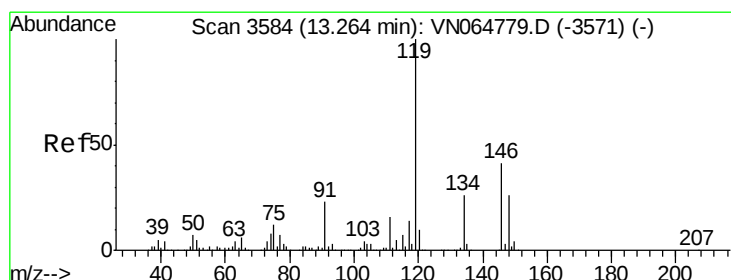
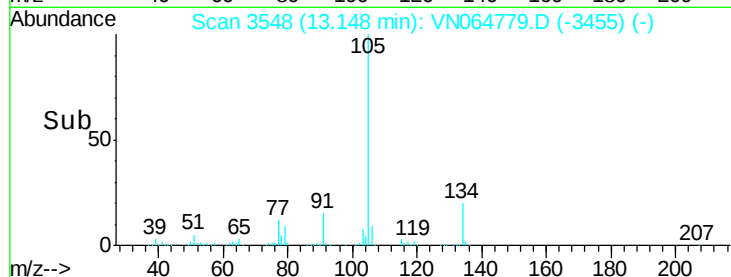
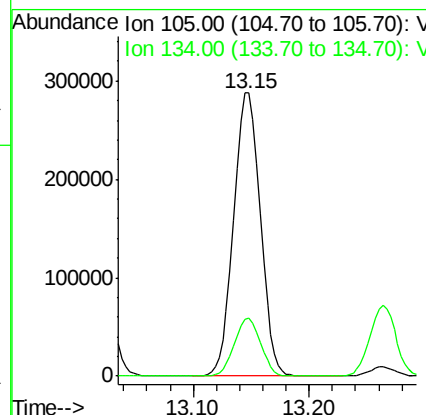
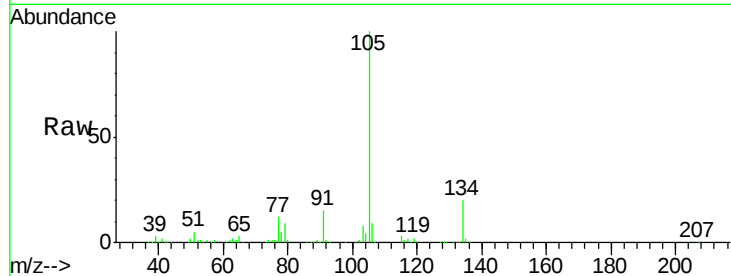
#85
 sec-Butylbenzene
 Concen: 54.409 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

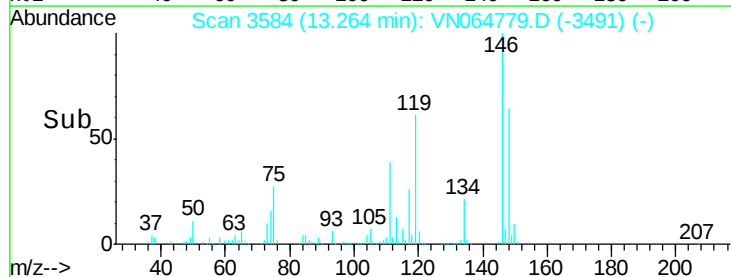
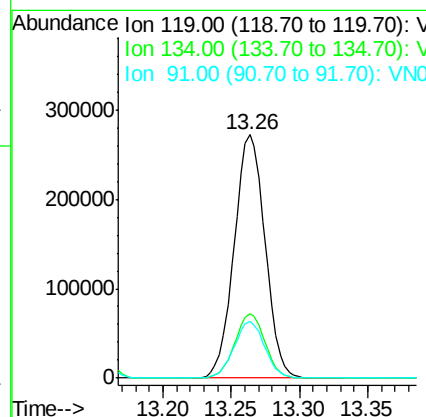
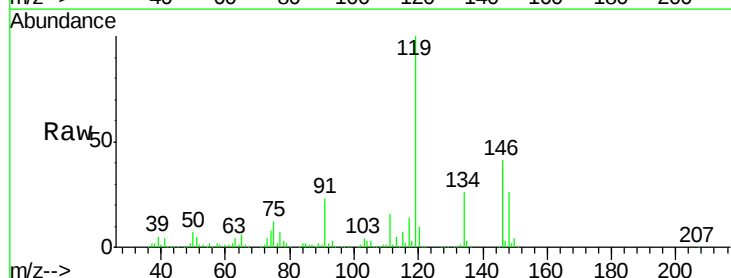
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#86
 p-Isopropyltoluene
 Concen: 55.141 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	23.0	11.5	34.5





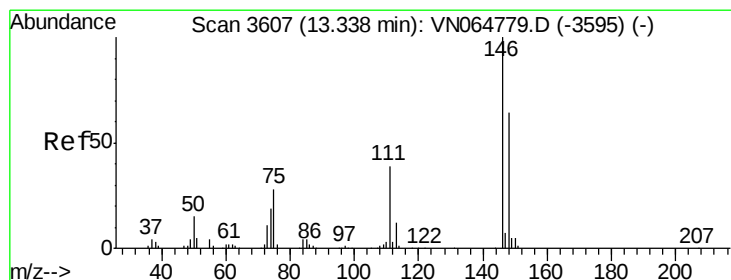
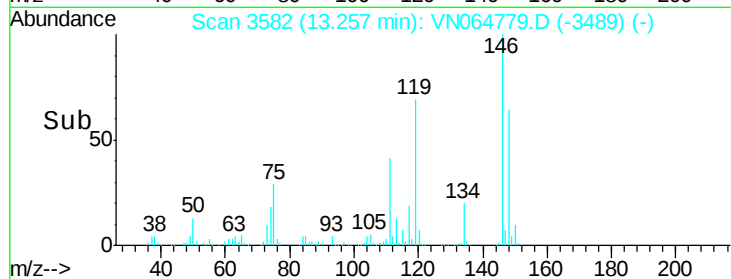
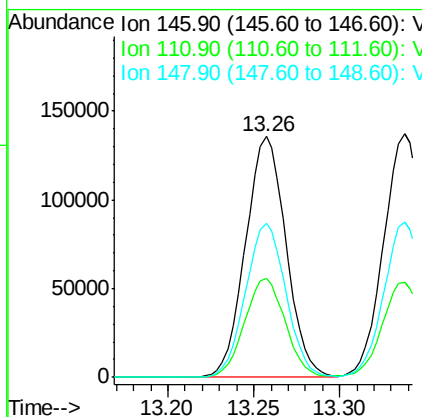
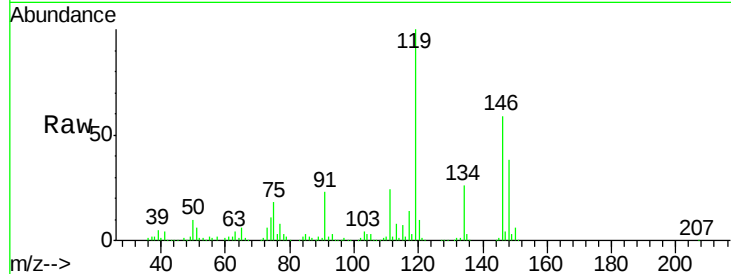
#87
 1,3-Dichlorobenzene
 Concen: 49.802 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	63.7	31.9	95.5

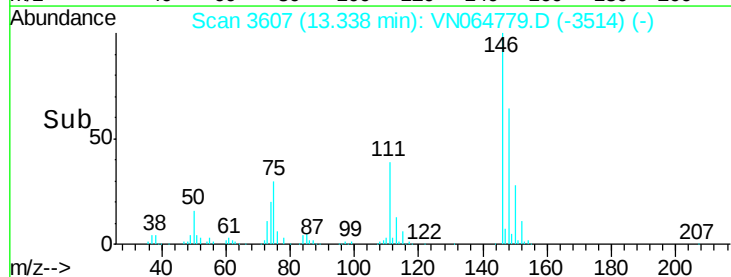
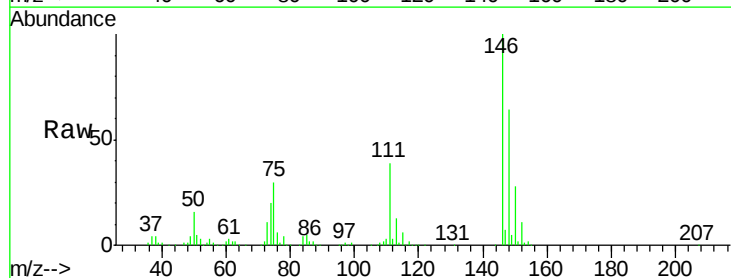
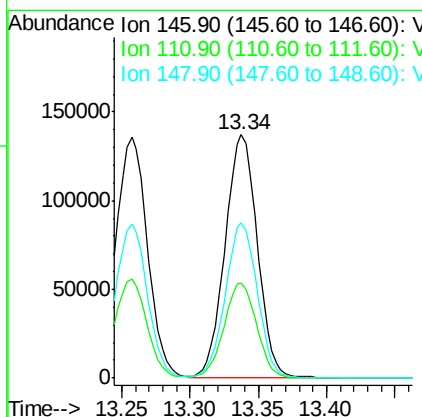
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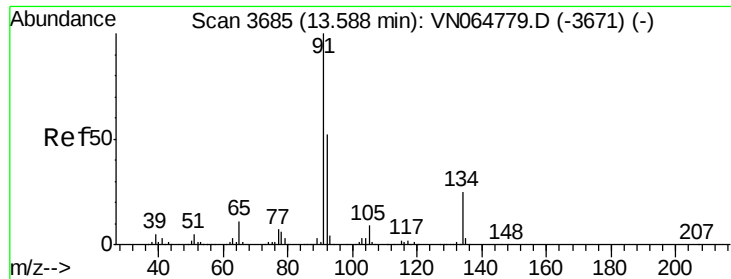
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#88
 1,4-Dichlorobenzene
 Concen: 48.981 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	63.7	31.9	95.5





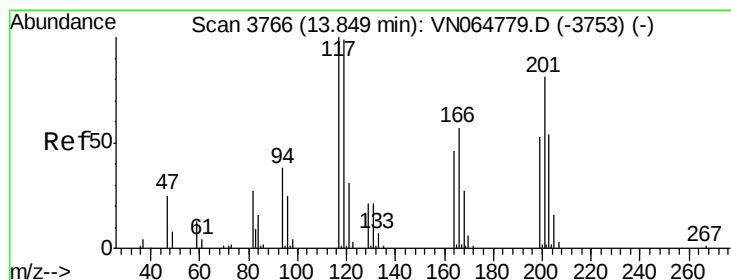
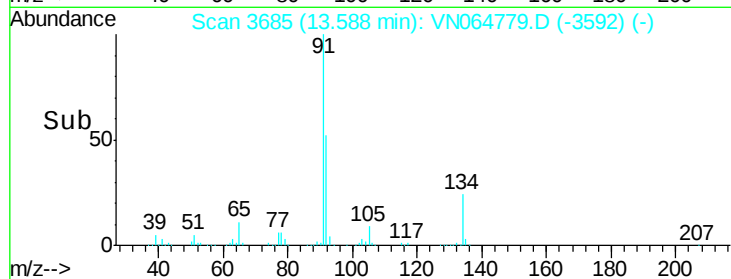
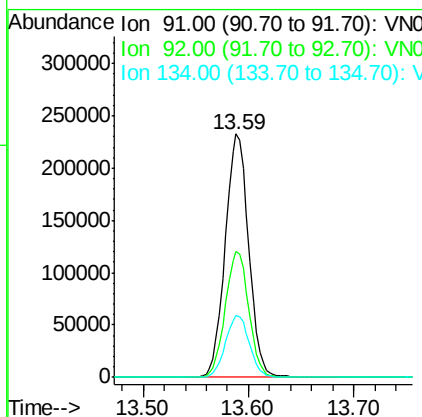
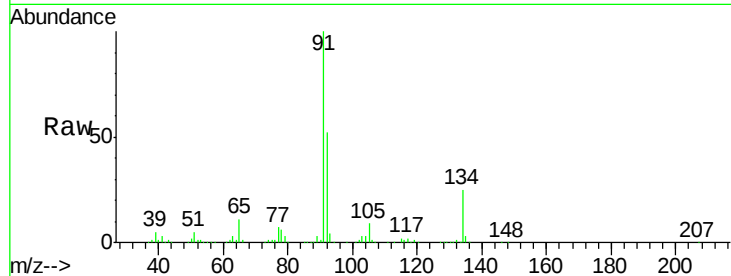
#89
n-Butylbenzene
Concen: 50.302 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	25.7	12.9	38.6

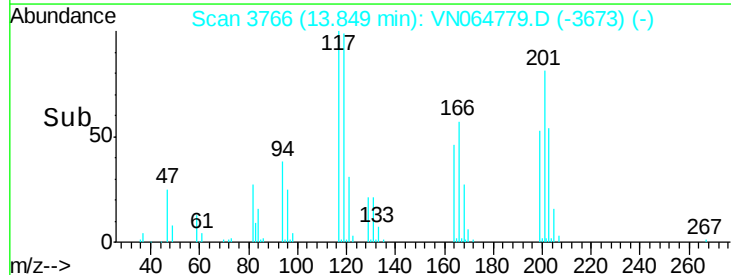
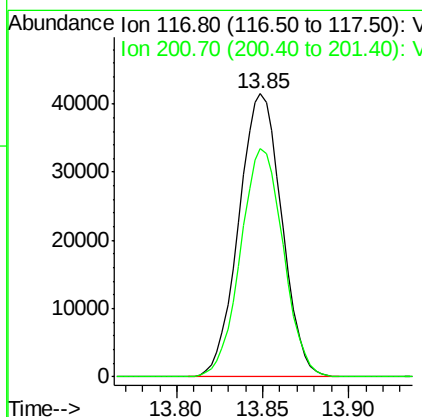
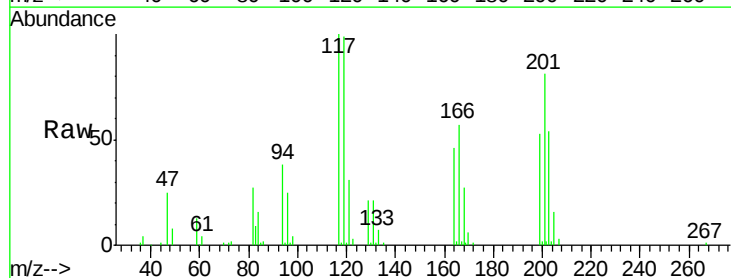
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#90
Hexachloroethane
Concen: 56.031 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	40.1	120.3





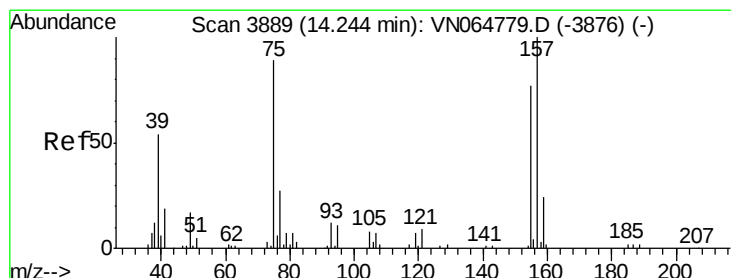
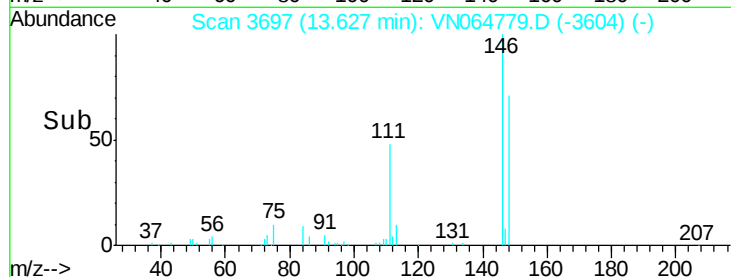
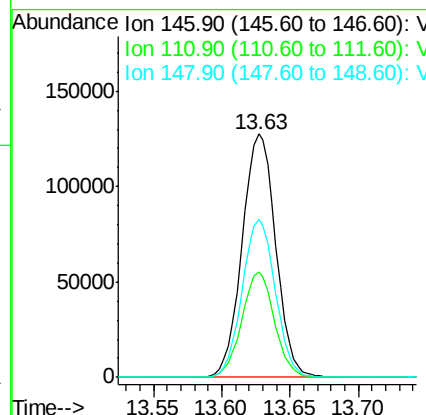
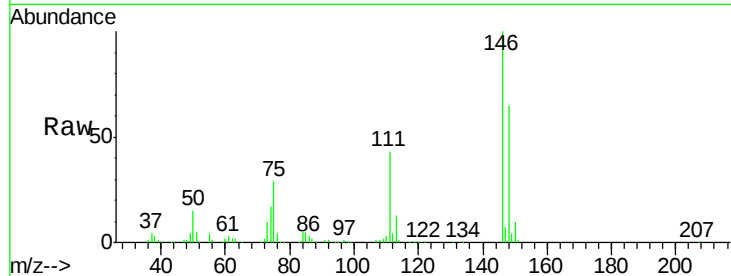
#91
 1,2-Dichlorobenzene
 Concen: 49.749 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	64.1	32.0	96.2

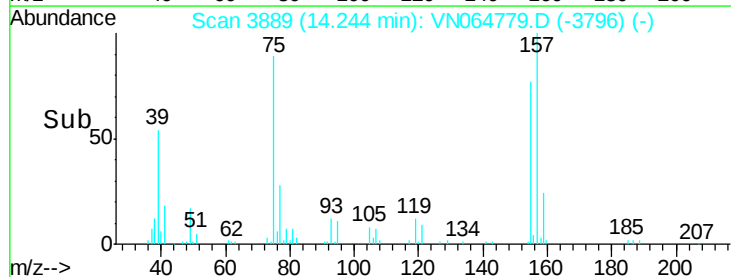
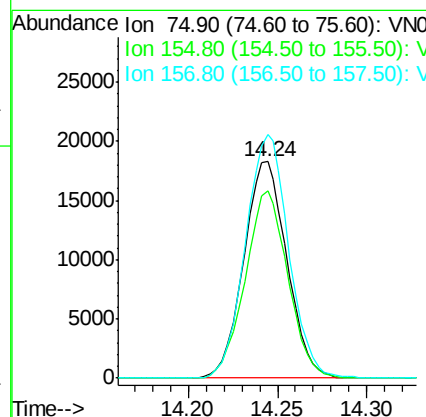
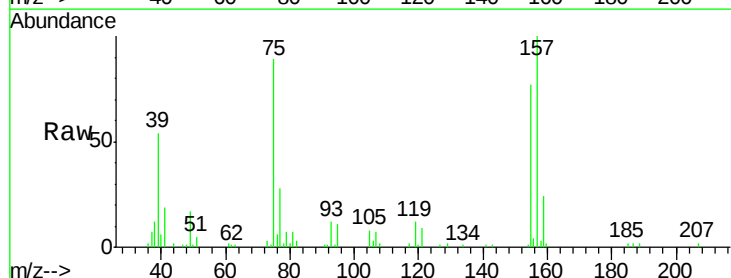
Manual Integrations
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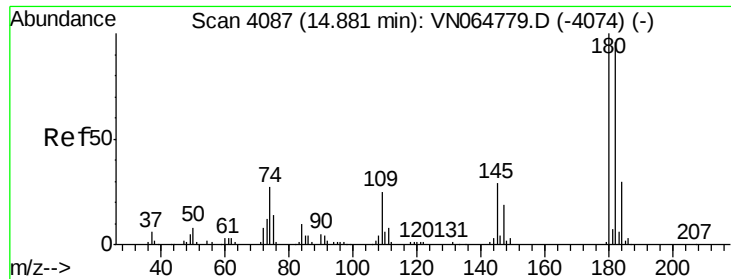
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.126 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.5	42.8	128.3
157	112.7	56.4	169.1





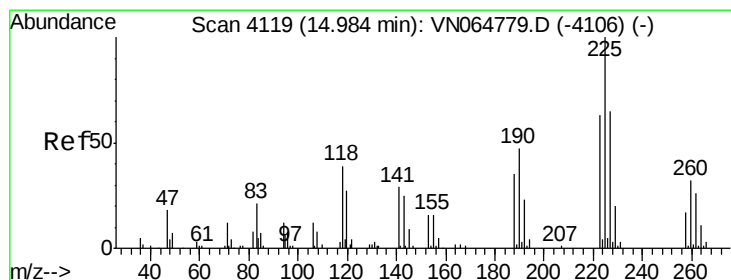
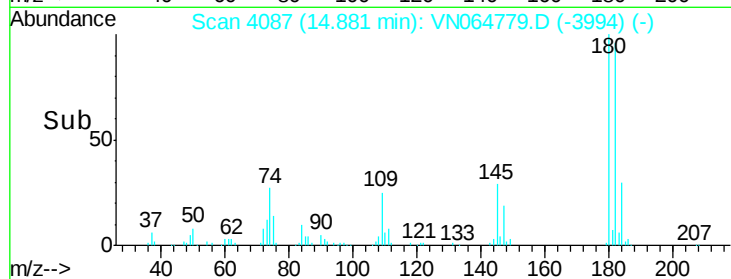
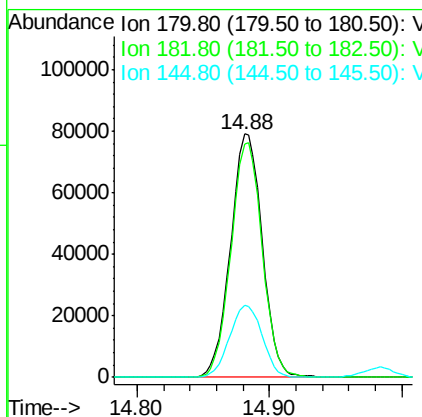
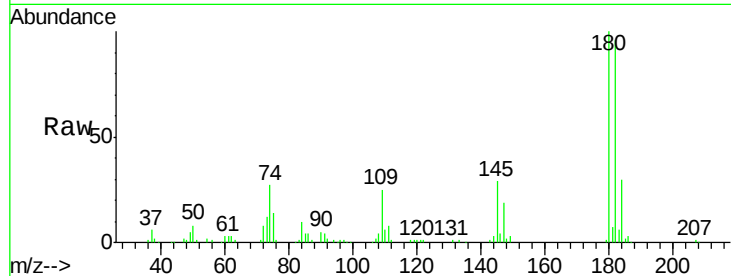
#93
 1,2,4-Trichlorobenzene
 Concen: 53.686 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	30.5	15.3	45.8

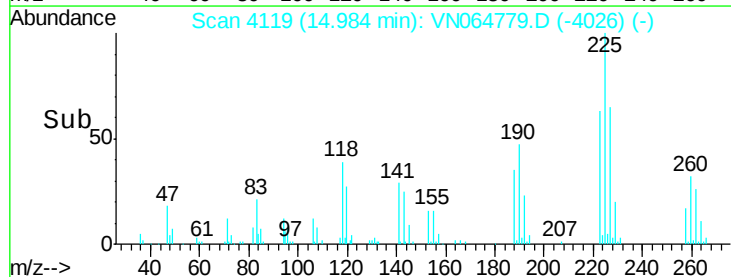
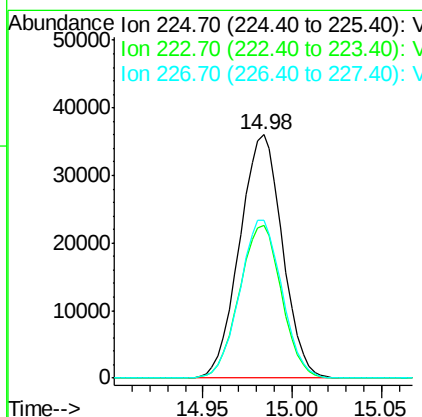
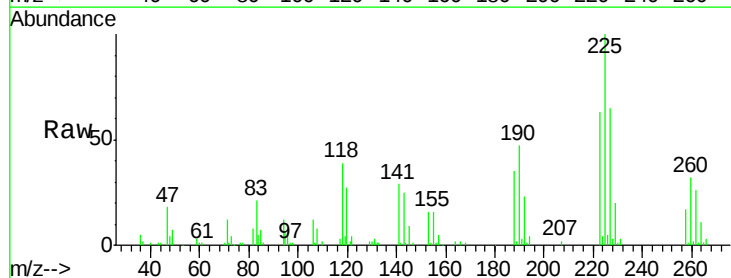
Manual Integrations
 APPROVED

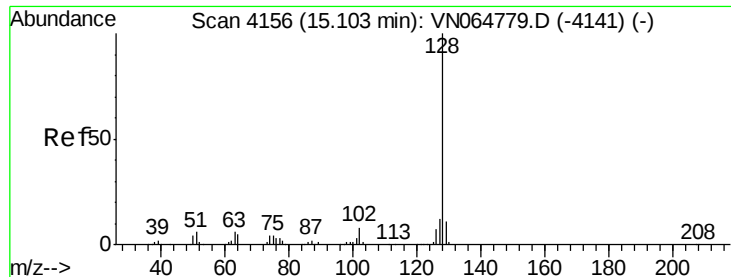
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 48.672 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.0	93.0
227	64.0	32.0	96.0





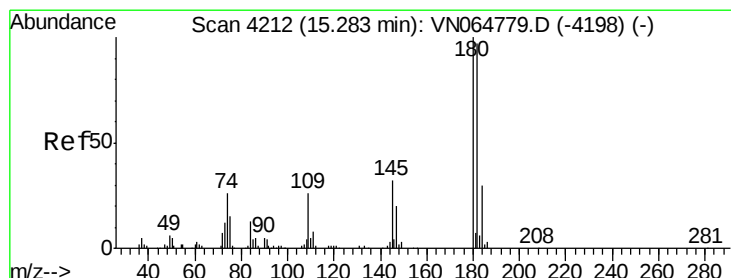
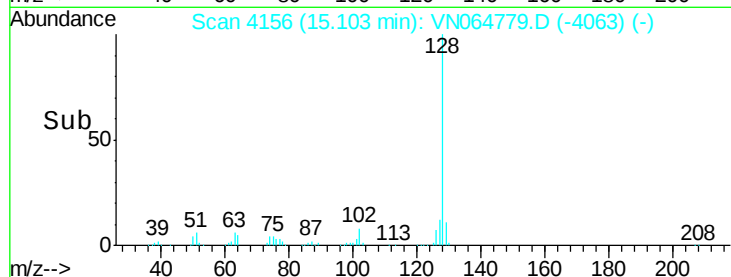
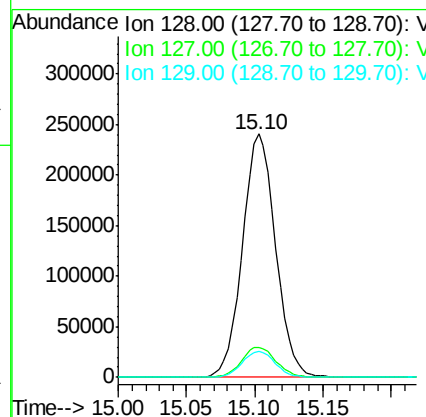
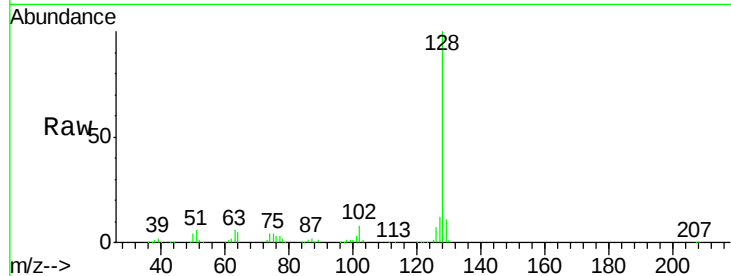
#95
Naphthalene
Concen: 52.218 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 53.746 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	32.7	16.4	49.1

