

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064621.D
 Acq On : 13 Nov 2020 8:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:44:26 AM

Quant Time: Nov 13 08:57:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	290135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	542143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	505280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	257665	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
35) Dibromofluoromethane	7.55	113	179401	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	10.06	98	671651	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.38	95	254118	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	167133	44.252	ug/l	100
3) Chloromethane	2.04	50	199857	43.566	ug/l	98
4) Vinyl Chloride	2.17	62	219706	46.638	ug/l	99
5) Bromomethane	2.53	94	154303	51.272	ug/l	99
6) Chloroethane	2.67	64	153050	50.744	ug/l	99
7) Trichlorofluoromethane	2.99	101	363528	52.406	ug/l	100
8) Diethyl Ether	3.37	74	129687	52.941	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	154167	46.801	ug/l	98
10) Methyl Iodide	3.91	142	203957	53.285	ug/l	99
11) Tert butyl alcohol	4.75	59	145037	260.240	ug/l	99
12) 1,1-Dichloroethene	3.69	96	148288	47.790	ug/l	94
13) Acrolein	3.57	56	81743	236.458	ug/l	97
14) Allyl chloride	4.28	41	270464	44.558	ug/l	99
15) Acrylonitrile	4.94	53	439119	283.003	ug/l	99
16) Acetone	3.78	43	422026	219.229	ug/l	100
17) Carbon Disulfide	4.01	76	427950	46.119	ug/l	98
18) Methyl Acetate	4.28	43	250185	66.106	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	566192	50.699	ug/l	97
20) Methylene Chloride	4.51	84	183397	48.017	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	171943	48.804	ug/l	99
22) Diisopropyl ether	5.91	45	639893	49.662	ug/l	99
23) Vinyl Acetate	5.85	43	2558320	244.071	ug/l	98
24) 1,1-Dichloroethane	5.80	63	351050	49.581	ug/l	99
25) 2-Butanone	6.79	43	632218	257.755	ug/l	99
26) 2,2-Dichloropropane	6.78	77	209623	32.705	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	201642	49.393	ug/l	93
28) Bromochloromethane	7.15	49	173750	49.925	ug/l	100
29) Tetrahydrofuran	7.17	42	415034	275.799	ug/l	97
30) Chloroform	7.33	83	382588	51.406	ug/l	100
31) Cyclohexane	7.61	56	262757	42.771	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	338110	51.220	ug/l	99
36) 1,1-Dichloropropene	7.75	75	261257	45.616	ug/l	97
37) Ethyl Acetate	6.89	43	268296	46.214	ug/l	99
38) Carbon Tetrachloride	7.73	117	293885	48.012	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	221291	43.101	ug/l	98
40) Benzene	8.00	78	787150	46.771	ug/l	100
41) Methacrylonitrile	7.13	41	129286	50.916	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	331105	48.750	ug/l	98
43) Isopropyl Acetate	8.13	43	457804	49.323	ug/l	100
44) Trichloroethene	8.80	130	197217	46.446	ug/l	96
45) 1,2-Dichloropropane	9.08	63	216930	48.307	ug/l	98
46) Dibromomethane	9.17	93	151854	51.369	ug/l	97
47) Bromodichloromethane	9.37	83	321401	50.565	ug/l	99
48) Methyl methacrylate	9.17	41	241452	51.553	ug/l	99
49) 1,4-Dioxane	9.17	88	62083	1006.386	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1480681	273.552	ug/l	100
52) Toluene	10.13	92	498787	48.592	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	322087	47.796	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	321925	44.681	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	199094	49.733	ug/l	99
56) Ethyl methacrylate	10.40	69	296352	45.178	ug/l	99
57) 1,3-Dichloropropane	10.68	76	351074	50.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	789073	253.234	ug/l	97
59) 2-Hexanone	10.72	43	1064282	241.268	ug/l	100
60) Dibromochloromethane	10.87	129	237399	52.967	ug/l	98
61) 1,2-Dibromoethane	10.97	107	213402	52.555	ug/l	98
64) Tetrachloroethene	10.60	164	185918	47.767	ug/l	97
65) Chlorobenzene	11.41	112	525287	47.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	210899	51.036	ug/l	99
67) Ethyl Benzene	11.48	91	971502	49.308	ug/l	99
68) m/p-Xylenes	11.59	106	716681	100.299	ug/l	98
69) o-Xylene	11.92	106	338410	49.011	ug/l	99
70) Styrene	11.94	104	602829	51.884	ug/l	99
71) Bromoform	12.10	173	158182	50.955	ug/l #	99
73) Isopropylbenzene	12.22	105	899040	46.695	ug/l	99
74) N-amyl acetate	12.05	43	406653	43.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	297321	50.276	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	271558m	46.269	ug/l	
77) Bromobenzene	12.50	156	217451	46.260	ug/l	99
78) n-propylbenzene	12.57	91	1043446	47.536	ug/l	100
79) 2-Chlorotoluene	12.65	91	654548	47.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	769801	48.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	90324	42.970	ug/l	99
82) 4-Chlorotoluene	12.75	91	685171	46.994	ug/l	100
83) tert-Butylbenzene	12.97	119	614089	49.502	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	788433	49.378	ug/l	100
85) sec-Butylbenzene	13.14	105	793112	50.481	ug/l	99
86) p-Isopropyltoluene	13.26	119	708119	50.108	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	380533	46.831	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	391382	46.608	ug/l	98
89) n-Butylbenzene	13.59	91	585998	48.229	ug/l	99
90) Hexachloroethane	13.85	117	144288	52.929	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	390790	49.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63454	53.893	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	168482	43.700	ug/l	99
94) Hexachlorobutadiene	14.98	225	84946	53.379	ug/l	99
95) Naphthalene	15.10	128	562981	42.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	178867	47.700	ug/l	98

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

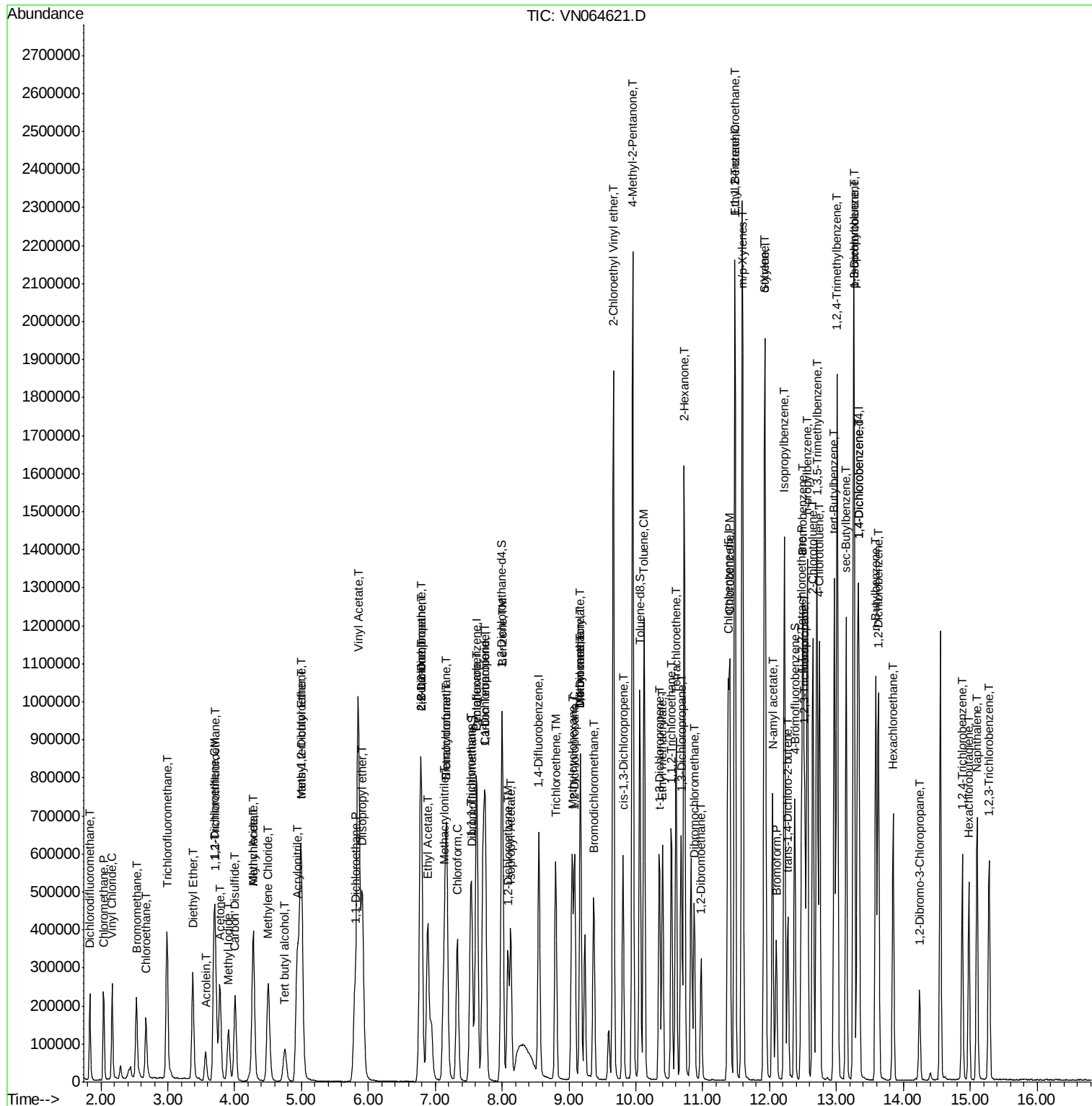
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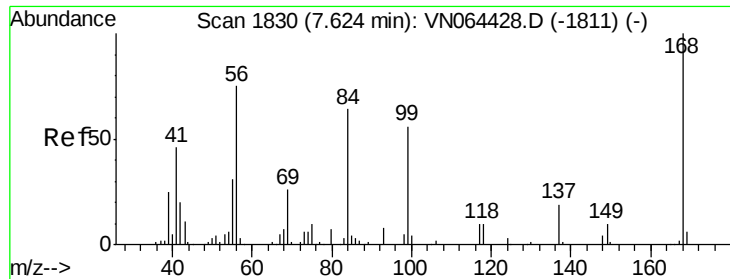
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 290135

Ion Ratio Lower Upper

168 100

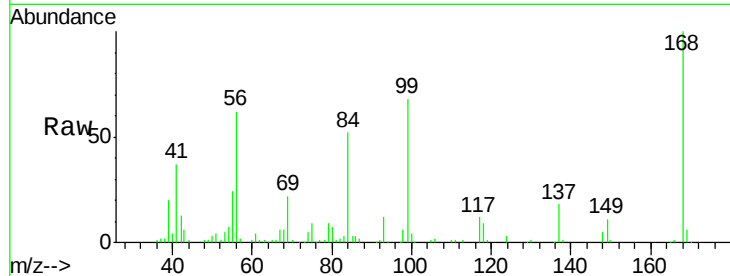
99 67.9 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

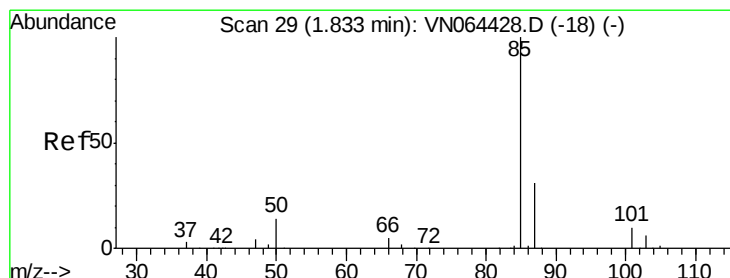
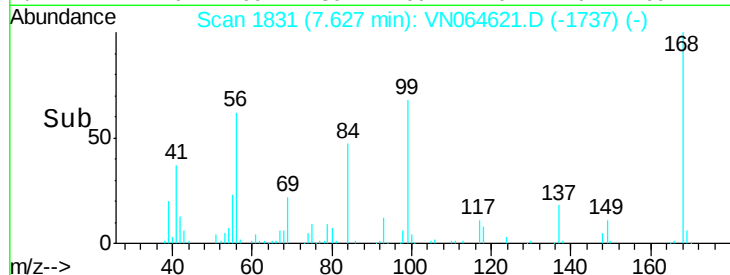
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.252 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064621.D

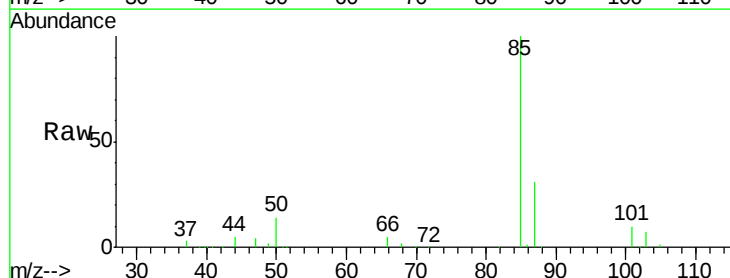
Acq: 13 Nov 2020 8:35

Tgt Ion: 85 Resp: 167133

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

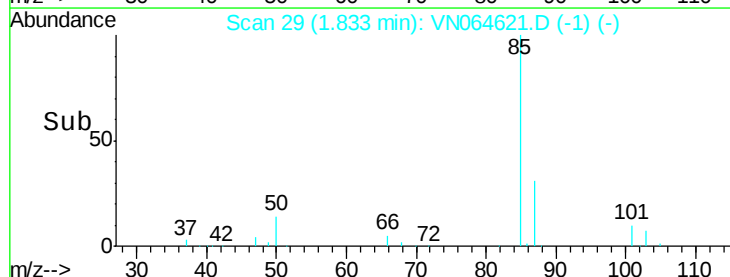
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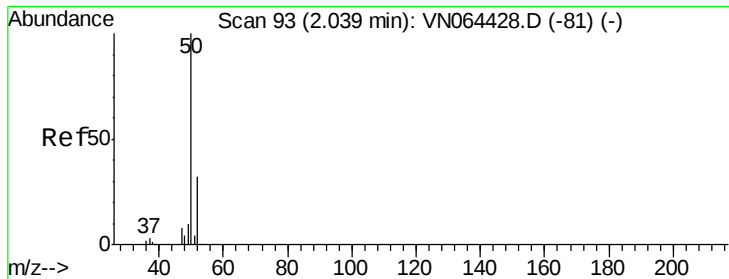
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 43.566 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 199857

Ion Ratio Lower Upper

50 100

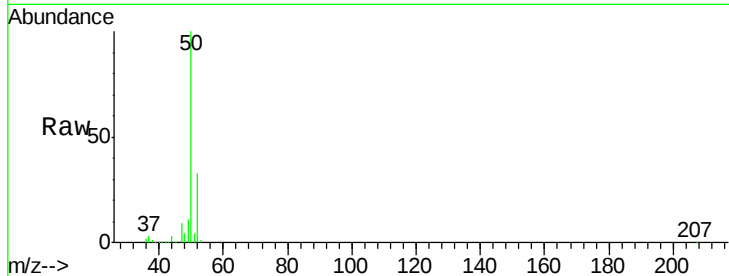
52 33.0 25.3 37.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

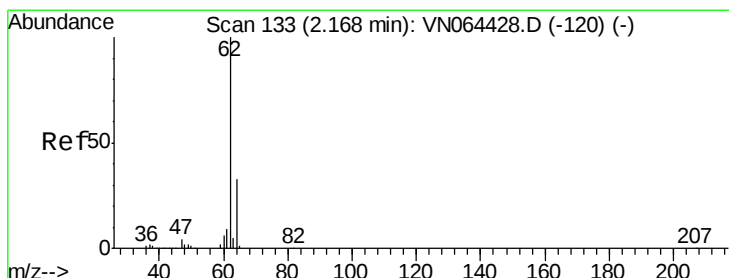
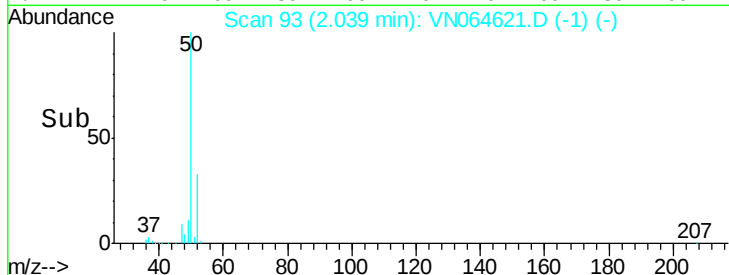
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.638 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064621.D

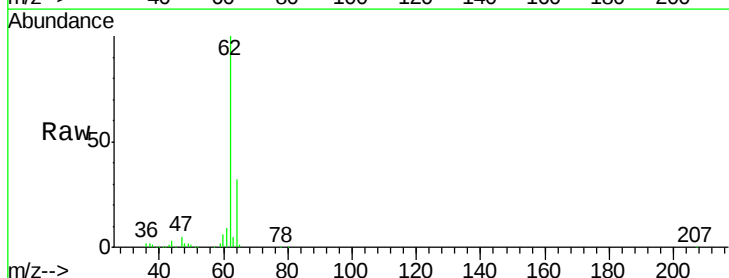
Acq: 13 Nov 2020 8:35

Tgt Ion: 62 Resp: 219706

Ion Ratio Lower Upper

62 100

64 32.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

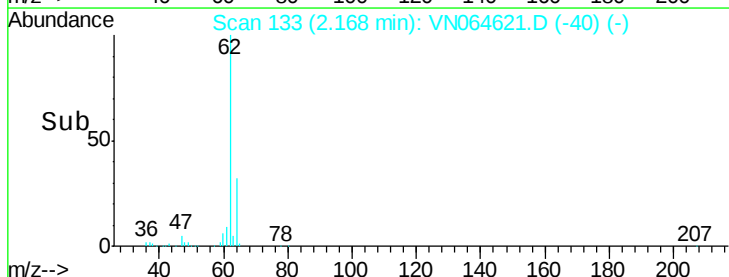
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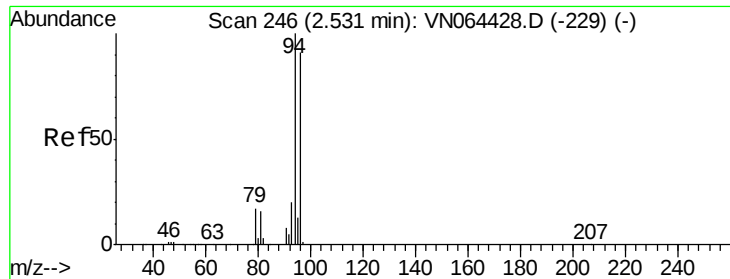
100000

50000

0

Time-->





#5

Bromomethane

Concen: 51.272 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 154303

Ion Ratio Lower Upper

94 100

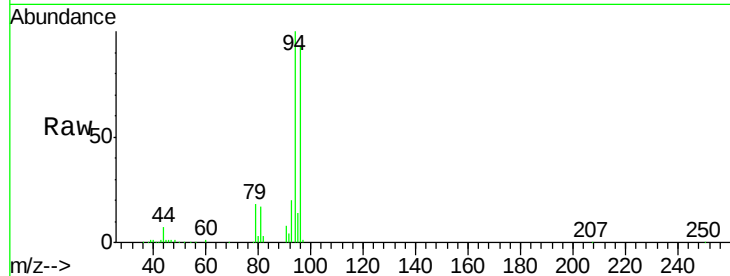
96 92.8 73.1 109.7

Manual Integrations

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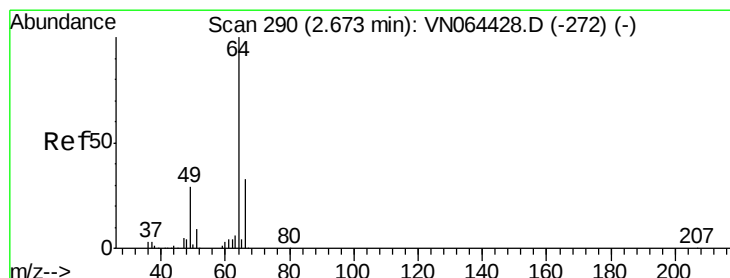
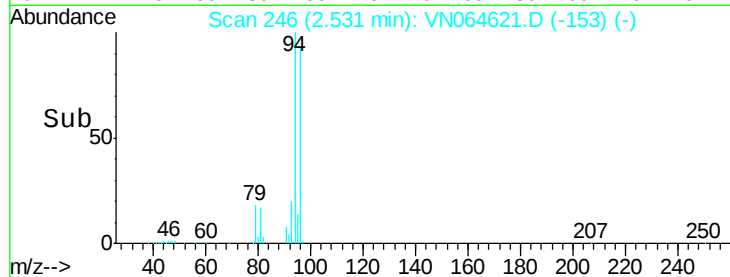
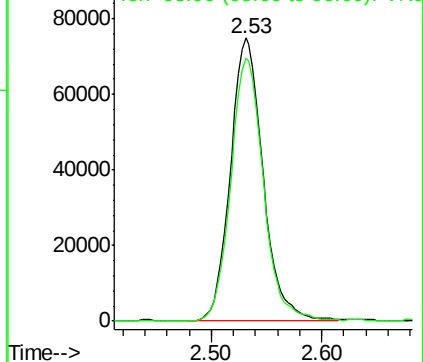
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 50.744 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064621.D

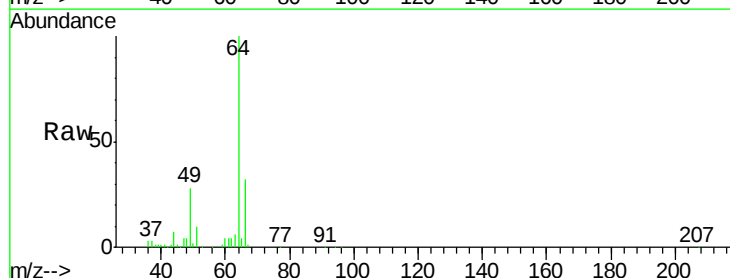
Acq: 13 Nov 2020 8:35

Tgt Ion: 64 Resp: 153050

Ion Ratio Lower Upper

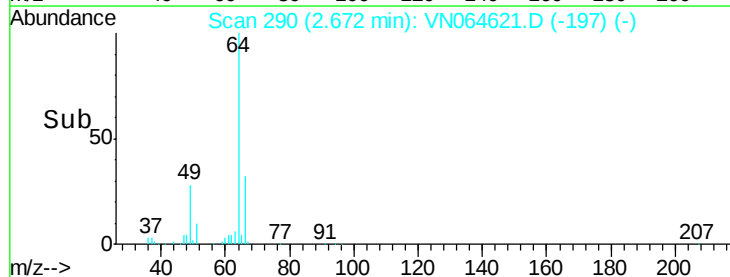
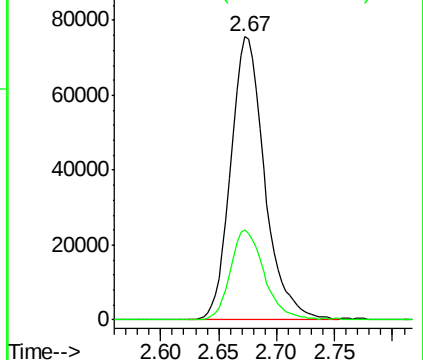
64 100

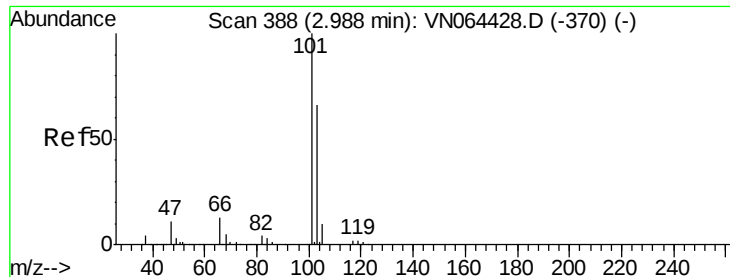
66 31.8 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

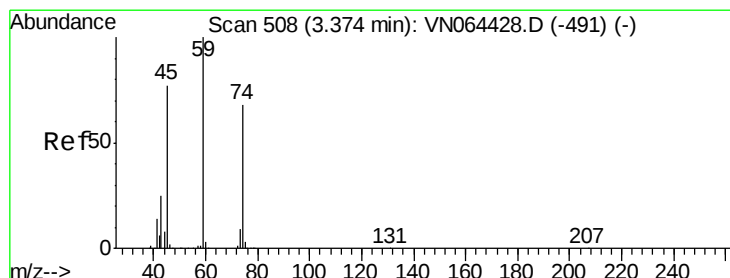
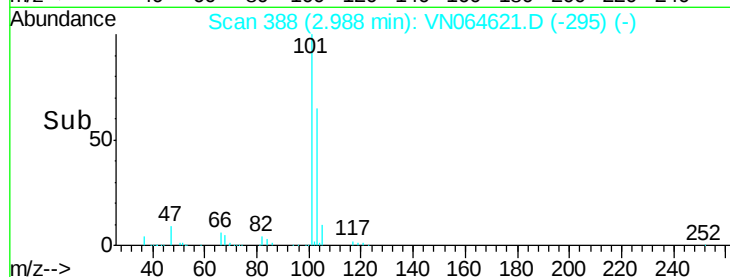
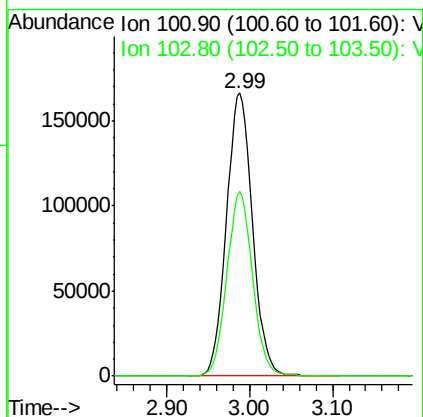
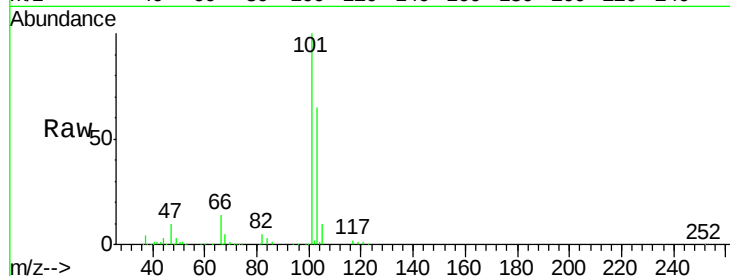
Trichlorofluoromethane
Concen: 52.406 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.4	78.6

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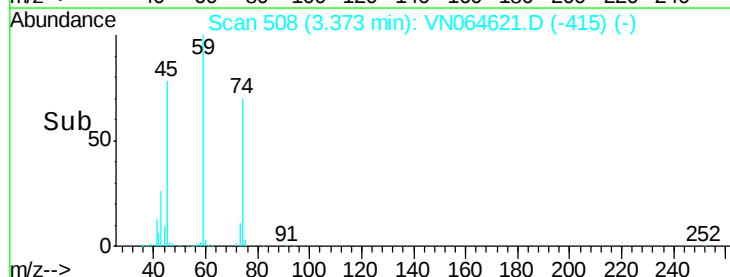
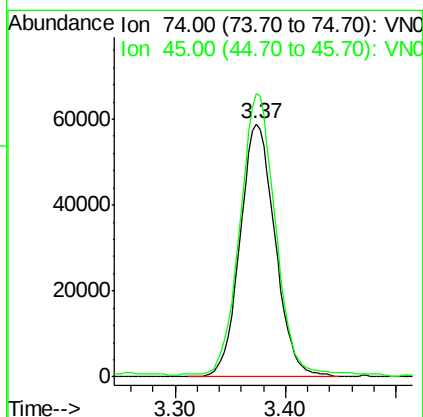
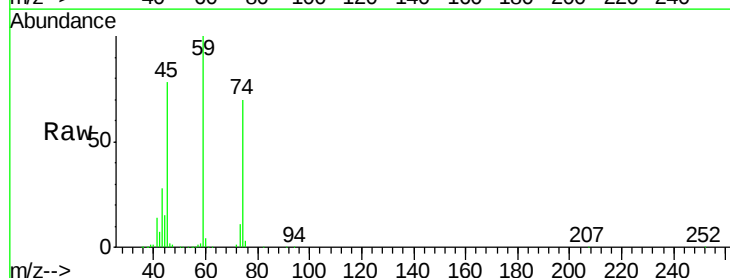
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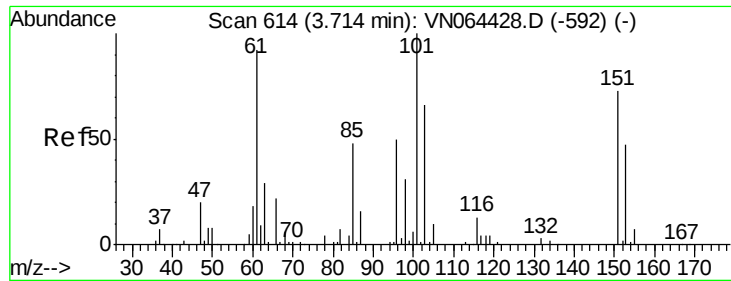


#8

Diethyl Ether
Concen: 52.941 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064621.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.7	55.9	167.6





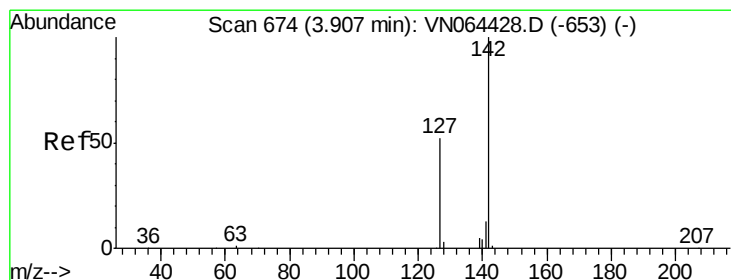
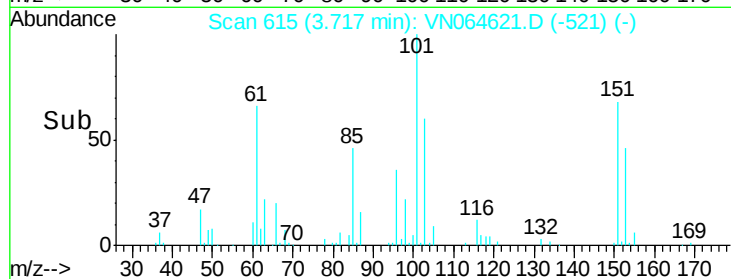
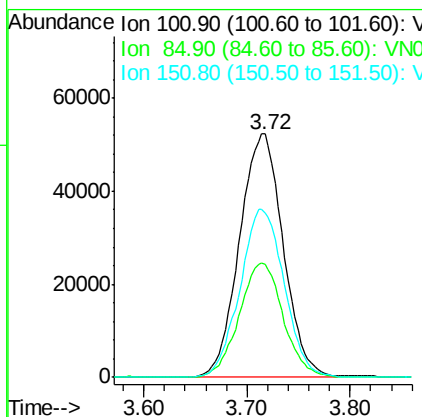
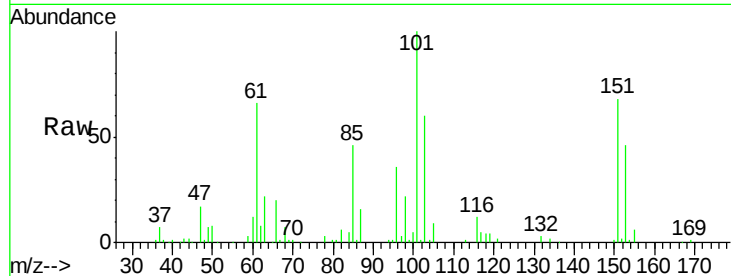
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.801 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	154167		
85	47.3	38.6	57.8	
151	69.9	57.5	86.3	

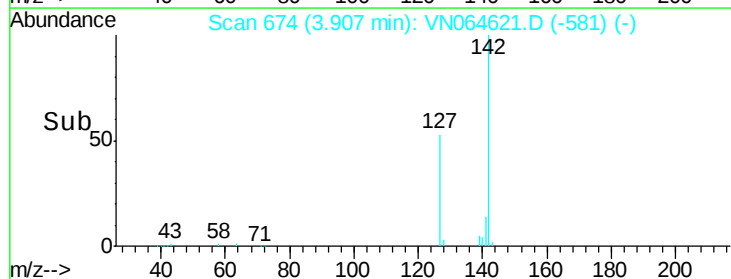
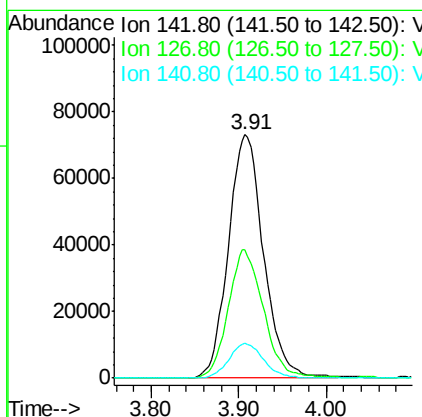
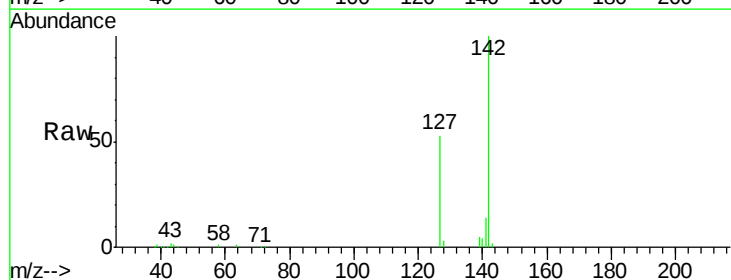
Manual Integrations
 APPROVED

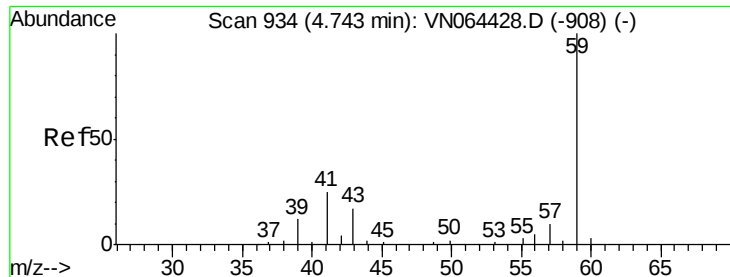
MMDadoda
 11/13/2020 11:44:26 AM



#10
 Methyl Iodide
 Concen: 53.285 ug/l
 RT: 3.91 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	203957		
127	52.8	41.8	62.8	
141	14.0	11.4	17.2	





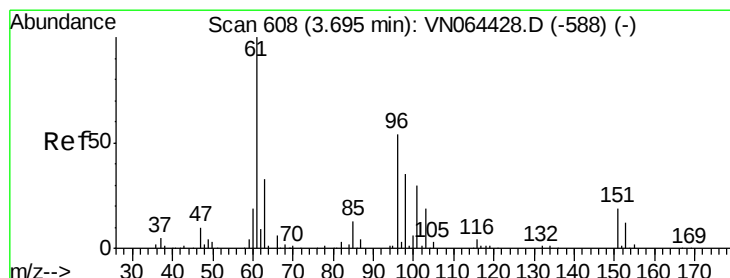
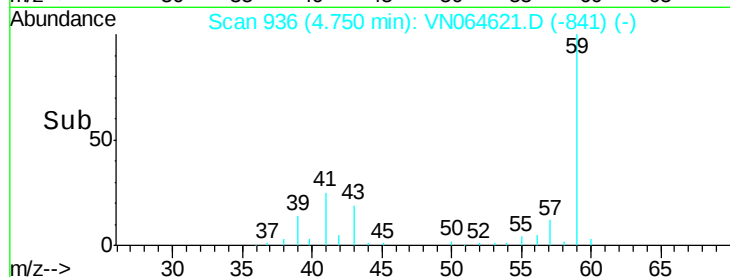
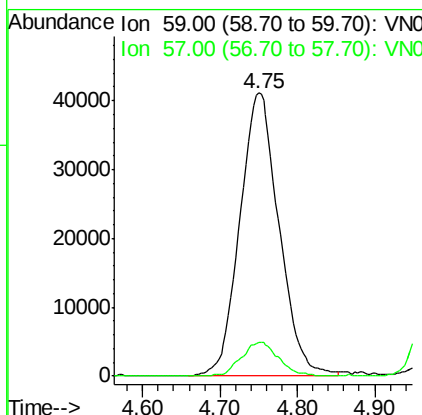
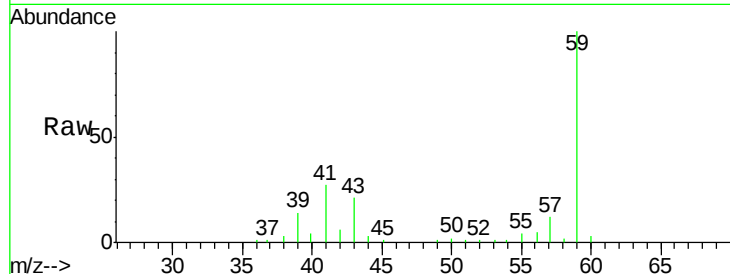
#11
Tert butyl alcohol
Concen: 260.240 ug/l
RT: 4.75 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	145037		
57	11.4		9.0	13.4

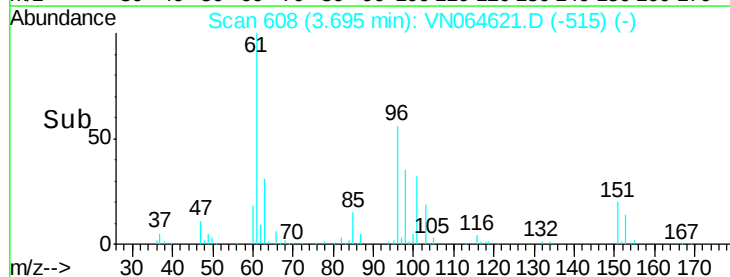
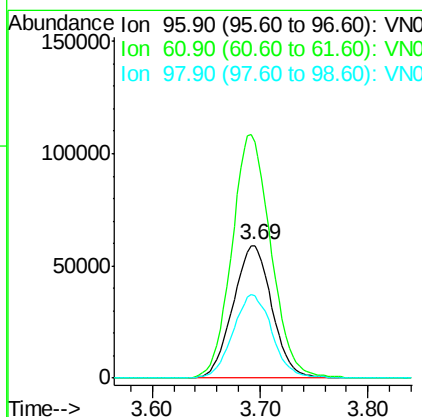
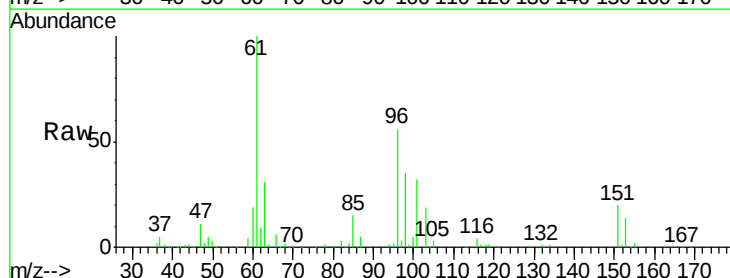
Manual Integrations
APPROVED

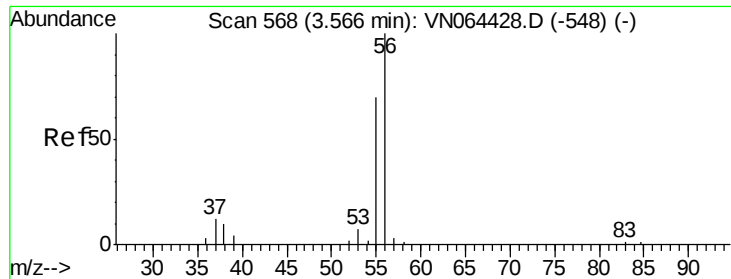
MMDadoda
11/13/2020 11:44:26 AM



#12
1,1-Dichloroethene
Concen: 47.790 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	148288		
61	177.7		149.5	224.3
98	62.1		52.4	78.6





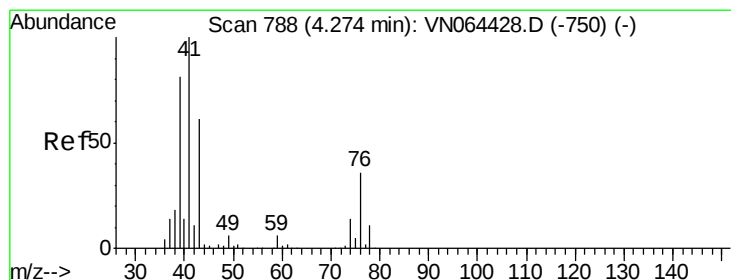
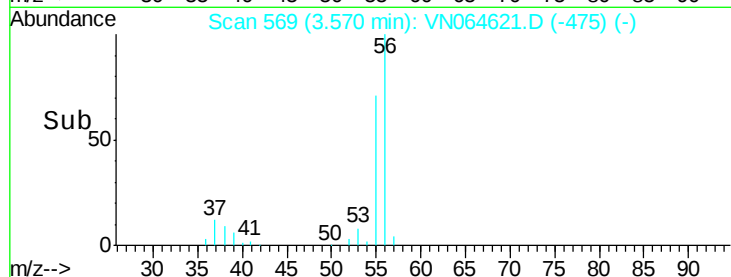
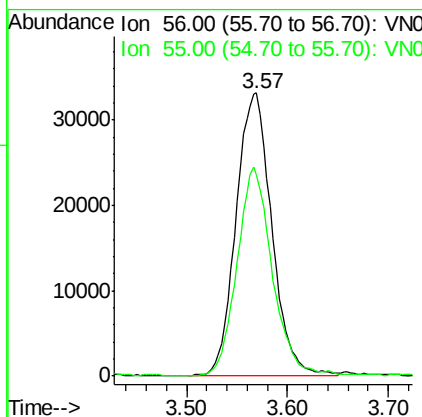
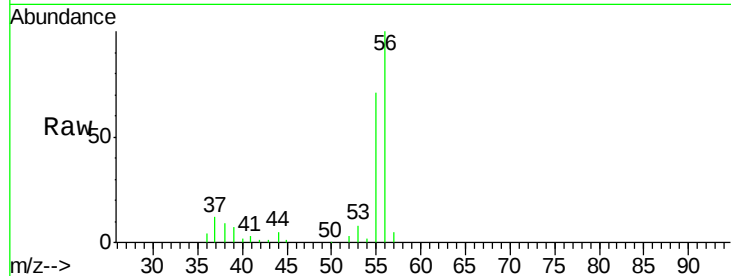
#13
Acrolein
Concen: 236.458 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	81743
Ion Ratio	100	Lower	Upper
55	72.0	55.9	83.9

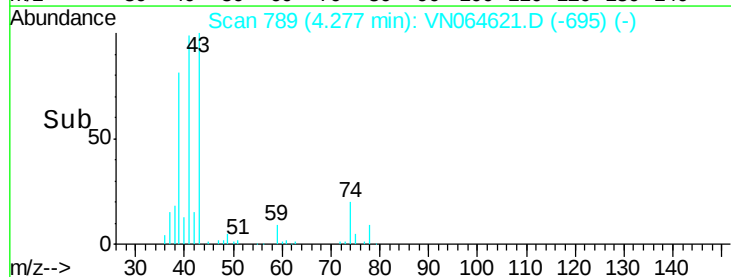
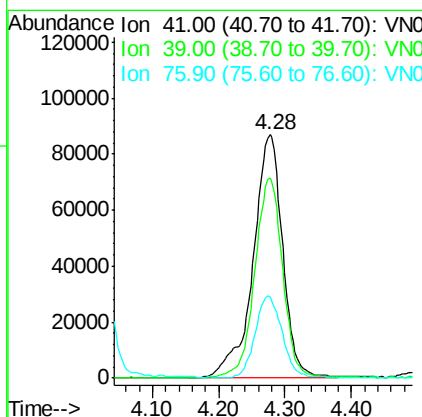
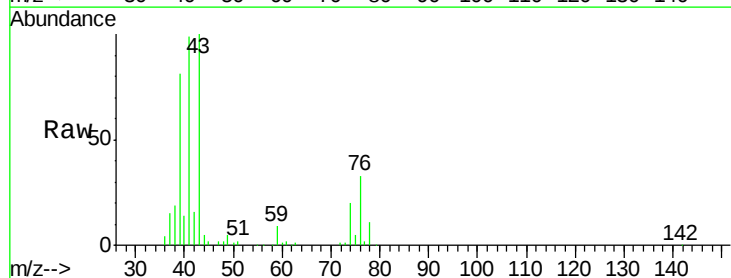
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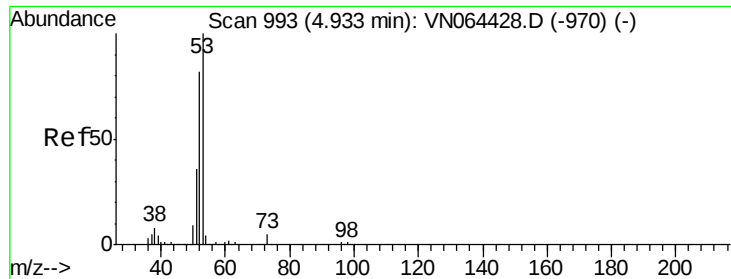
MMDadoda
11/13/2020 11:44:26 AM



#14
Allyl chloride
Concen: 44.558 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	41	Resp	270464
Ion Ratio	100	Lower	Upper
39	77.4	61.8	92.8
76	30.3	25.4	38.0





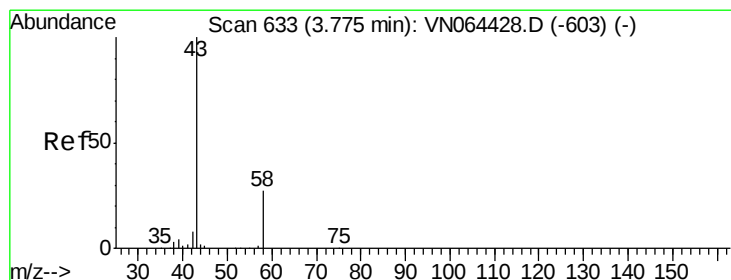
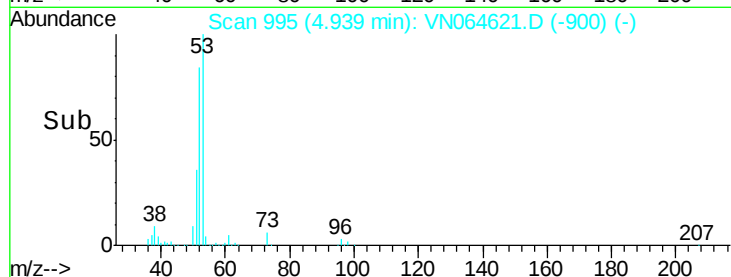
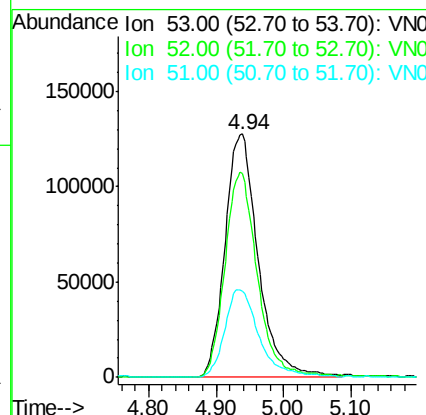
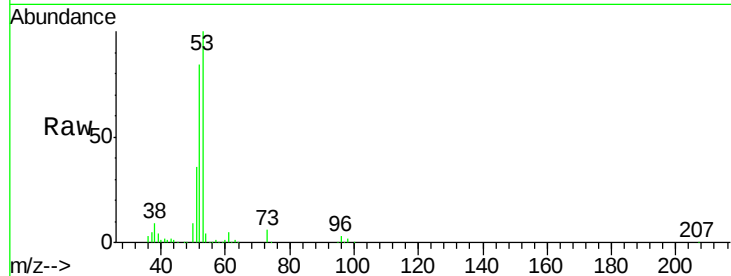
#15
 Acrylonitrile
 Concen: 283.003 ug/l
 RT: 4.94 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.6	98.4
51	37.6	29.9	44.9

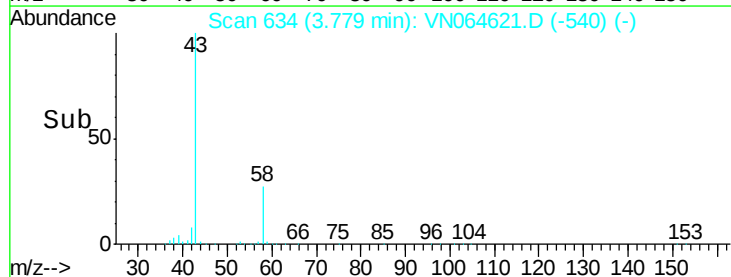
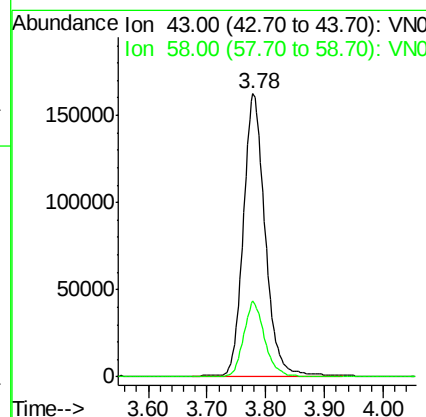
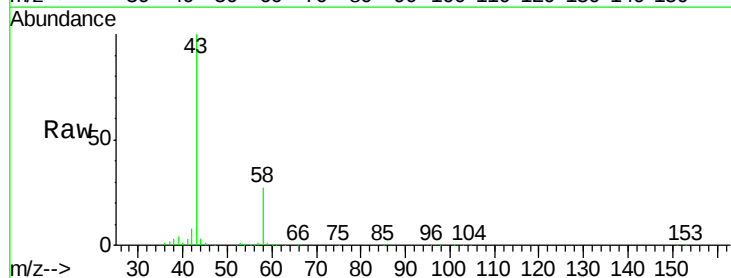
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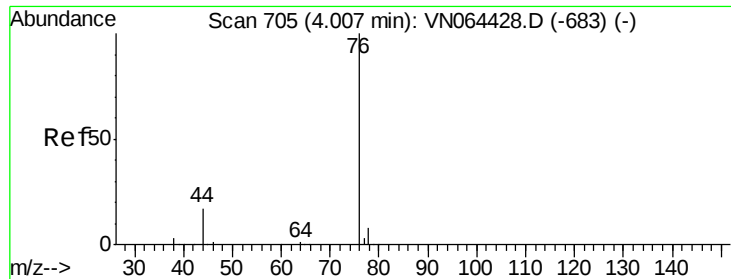
MMDadoda
 11/13/2020 11:44:26 AM



#16
 Acetone
 Concen: 219.229 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.8	21.4	32.0





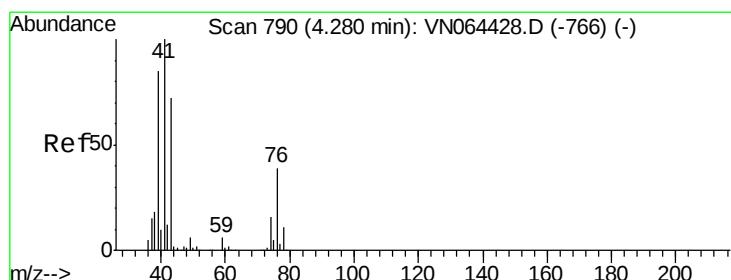
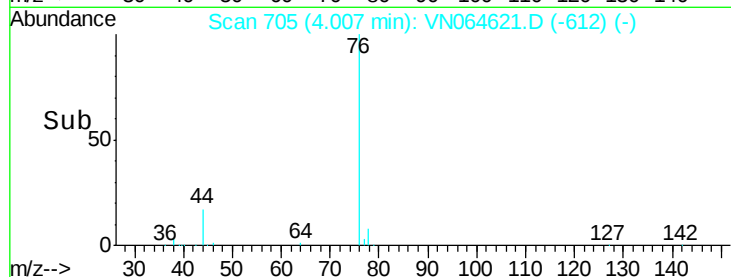
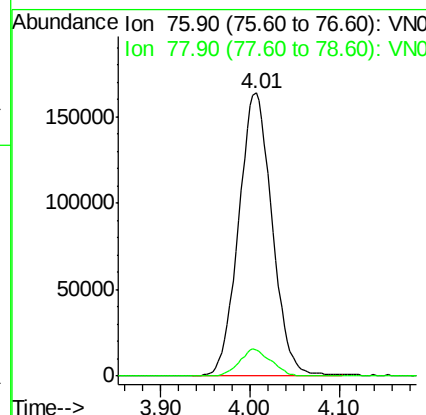
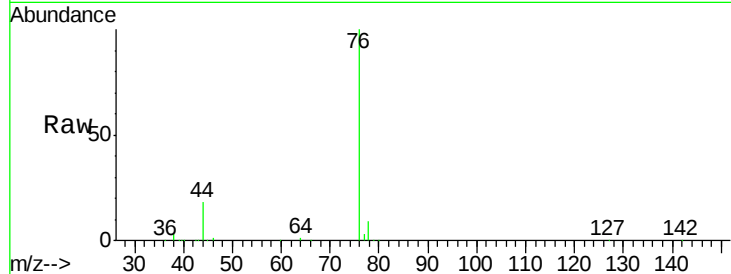
#17
Carbon Disulfide
Concen: 46.119 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.8	10.2

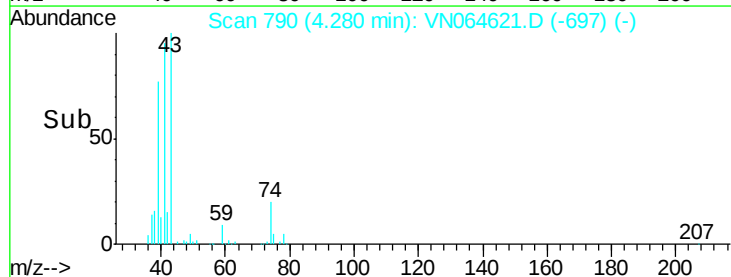
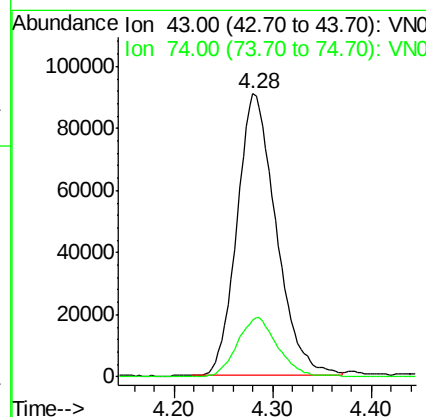
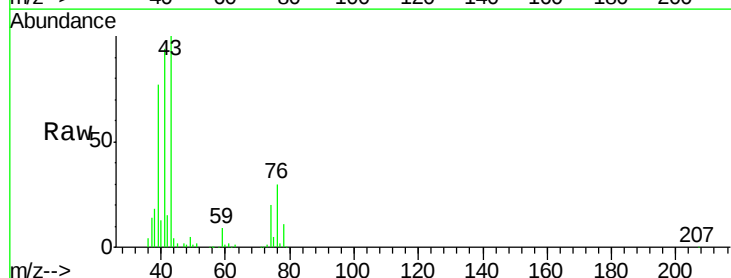
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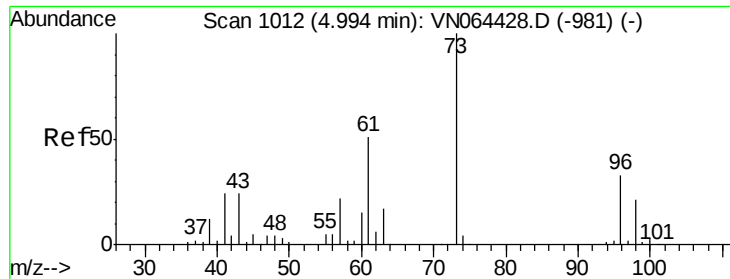
MMDadoda
11/13/2020 11:44:26 AM



#18
Methyl Acetate
Concen: 66.106 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.0	25.4





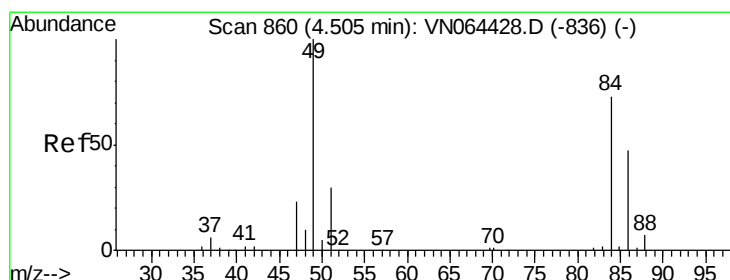
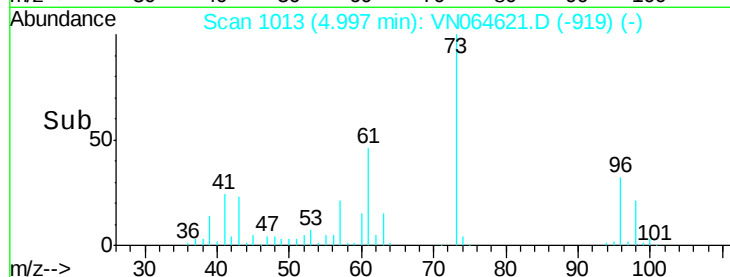
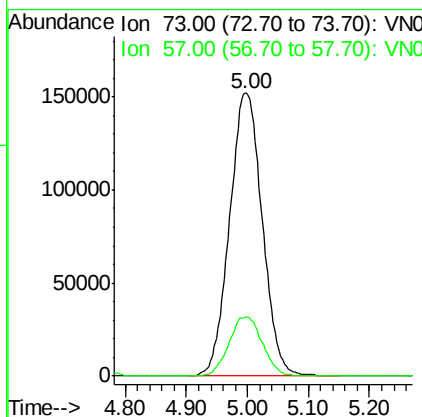
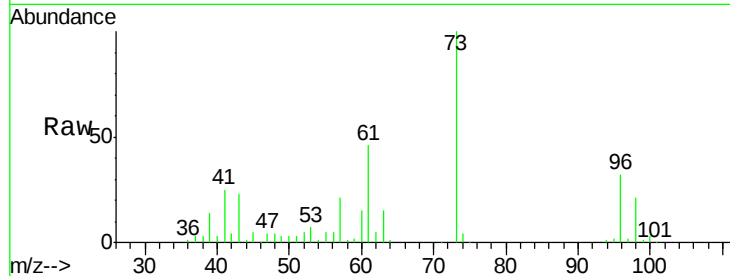
#19
Methvl tert-butvl Ether
Concen: 50.699 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 566192
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5

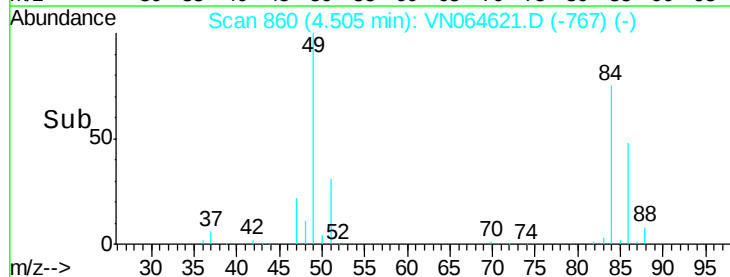
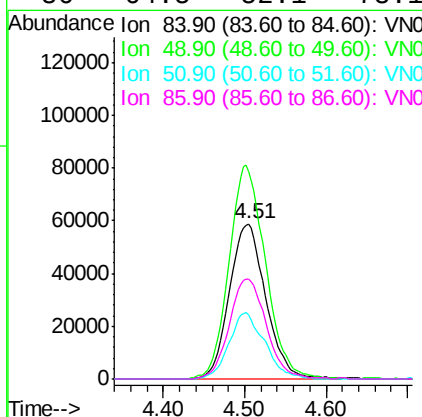
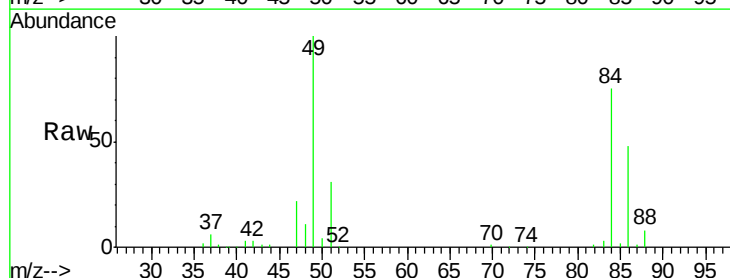
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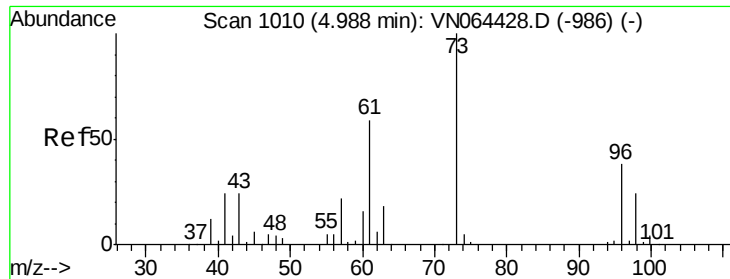
MMDadoda
11/13/2020 11:44:26 AM



#20
Methylene Chloride
Concen: 48.017 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 84 Resp: 183397
Ion Ratio Lower Upper
84 100
49 133.0 110.1 165.1
51 41.1 33.6 50.4
86 64.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.804 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 171943

Ion Ratio Lower Upper

96 100

61 153.8 122.4 183.6

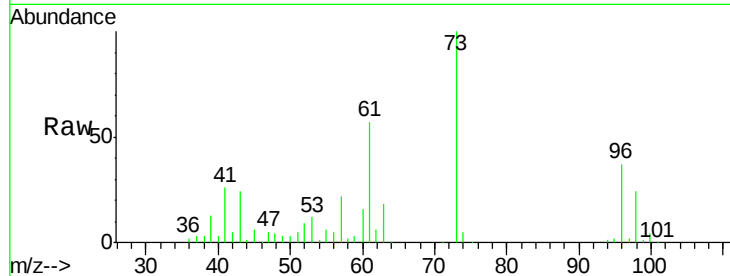
98 65.5 50.4 75.6

Manual Integrations

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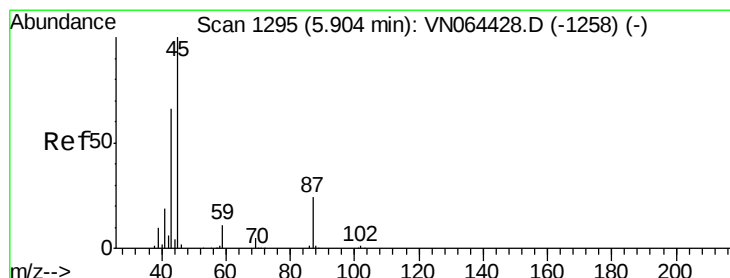
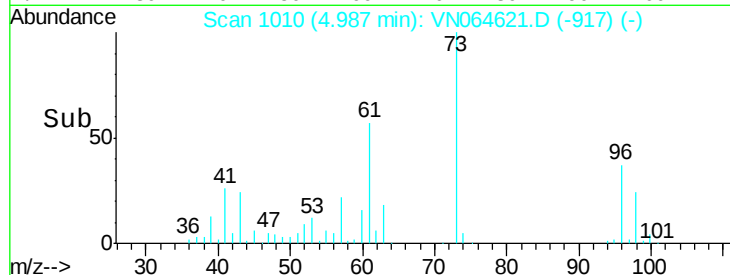
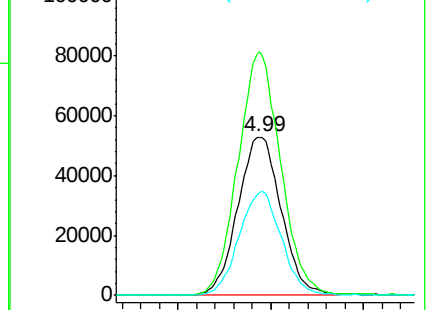
11/13/2020 11:44:26 AM



Abundance Ion 95.90 (95.60 to 96.60): VN064621.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064621.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064621.D (-917) (-)



#22

Diisopropyl ether

Concen: 49.662 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Tgt Ion: 45 Resp: 639893

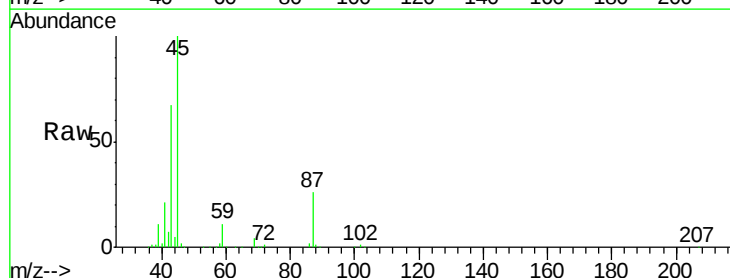
Ion Ratio Lower Upper

45 100

43 66.3 53.2 79.8

87 25.5 19.9 29.9

59 11.1 8.6 13.0

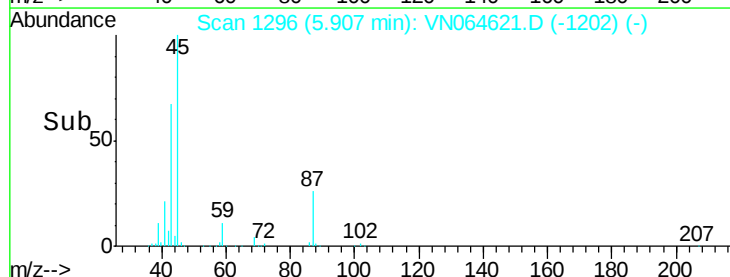
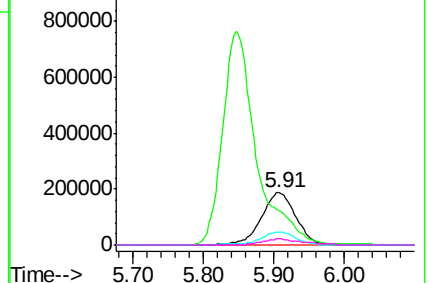


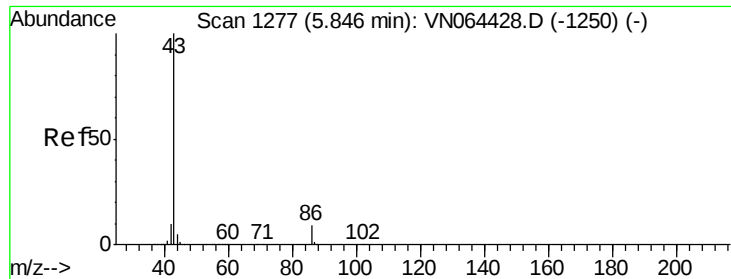
Abundance Ion 45.00 (44.70 to 45.70): VN064621.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064621.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064621.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064621.D (-1202) (-)





#23

Vinyl Acetate

Concen: 244.071 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2558320

Ion Ratio Lower Upper

43 100

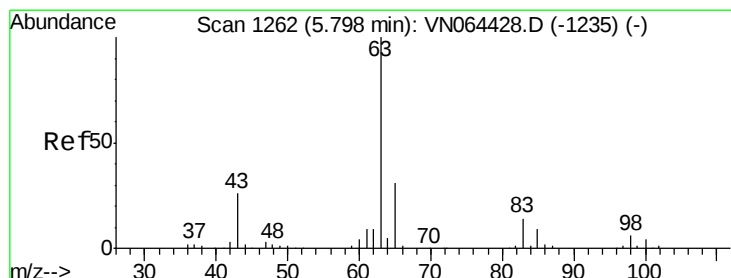
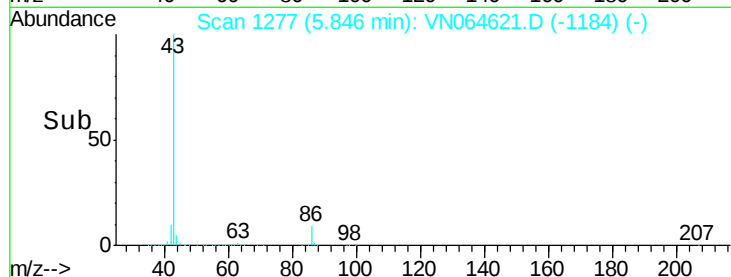
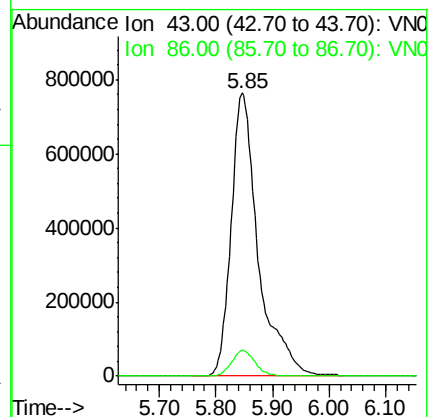
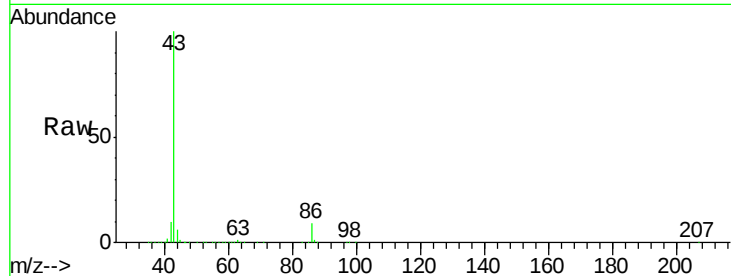
86 9.2 6.8 10.2

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#24

1,1-Dichloroethane

Concen: 49.581 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

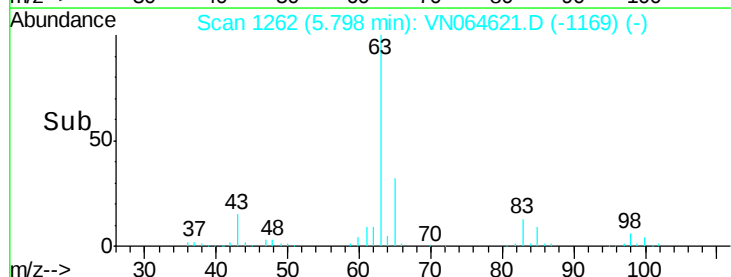
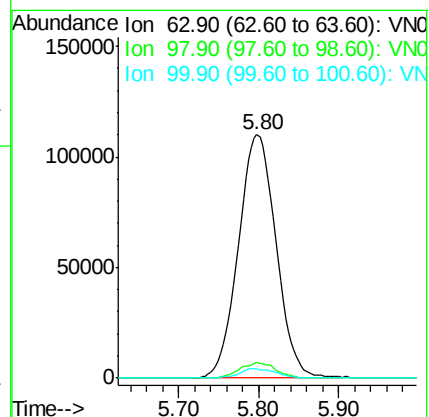
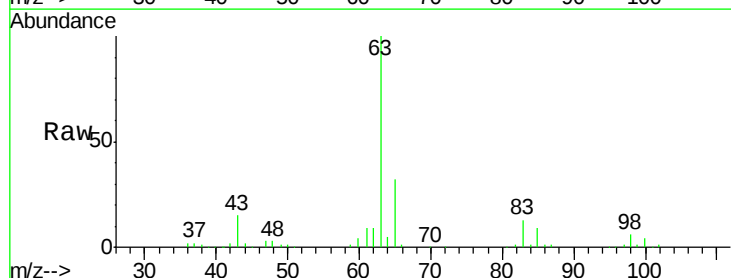
Tgt Ion: 63 Resp: 351050

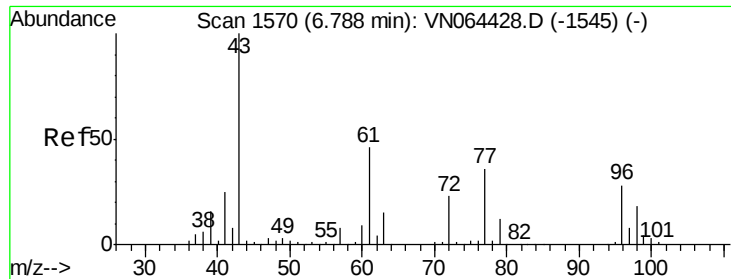
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.9 1.8 5.3





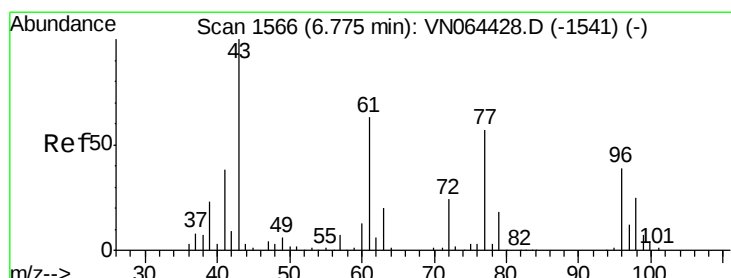
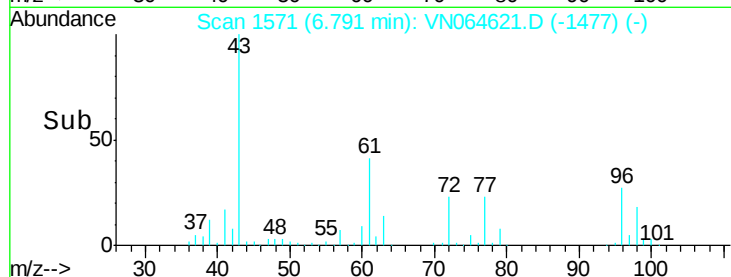
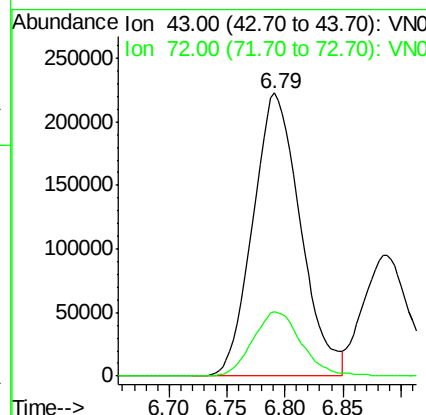
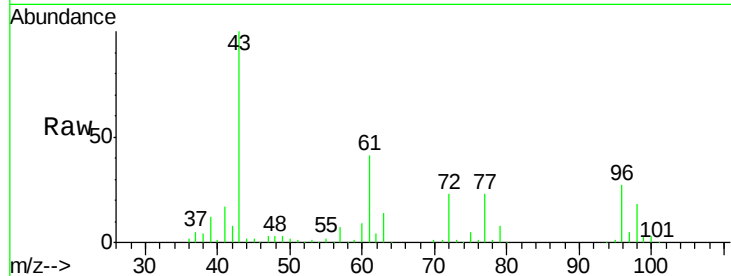
#25
2-Butanone
Concen: 257.755 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 632218
Ion Ratio Lower Upper
43 100
72 22.7 18.5 27.7

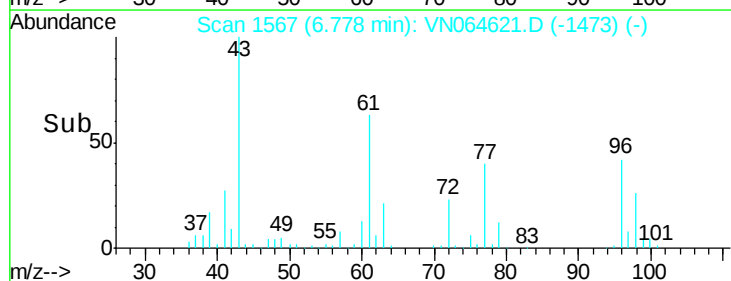
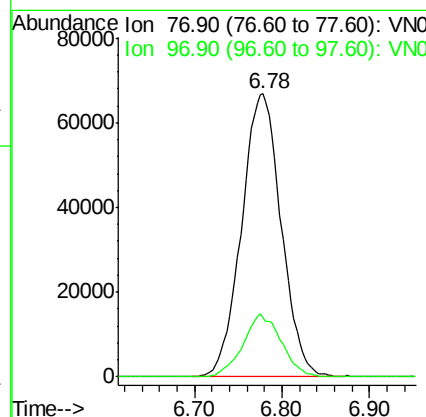
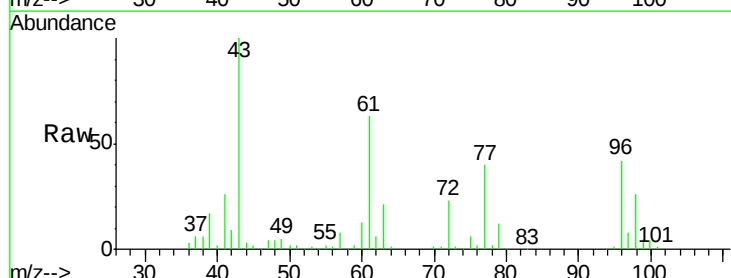
Manual Integrations
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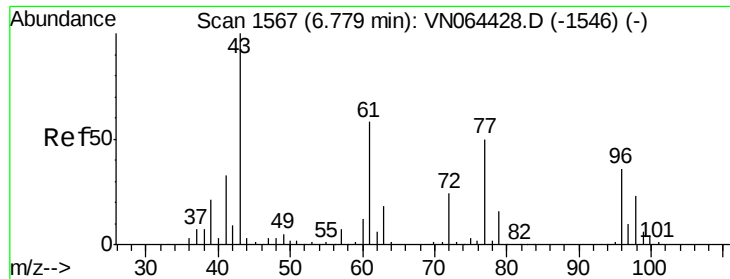
MMDadoda
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#26
2,2-Dichloropropane
Concen: 32.705 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 77 Resp: 209623
Ion Ratio Lower Upper
77 100
97 21.7 10.2 30.6





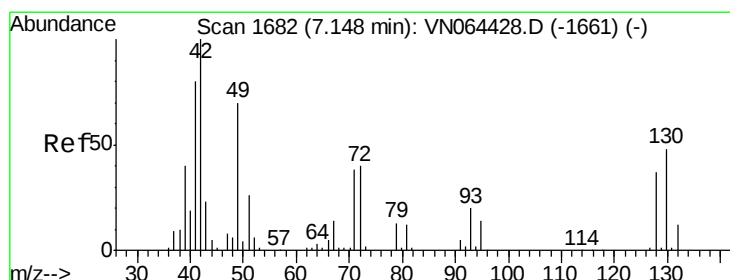
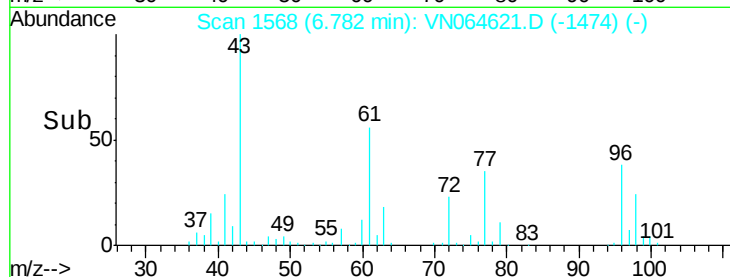
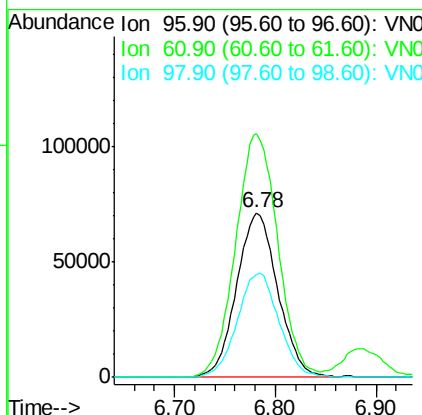
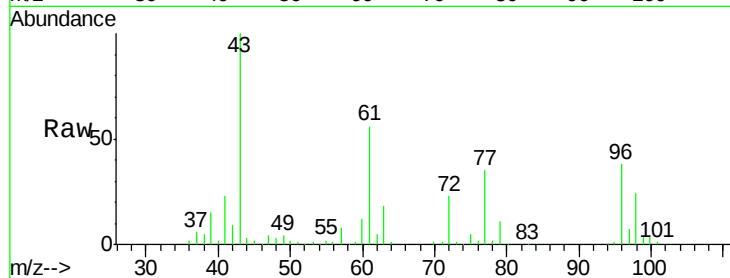
#27
 cis-1,2-Dichloroethene
 Concen: 49.393 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	201642		
61	152.2	0.0	329.6	
98	64.2	0.0	131.2	

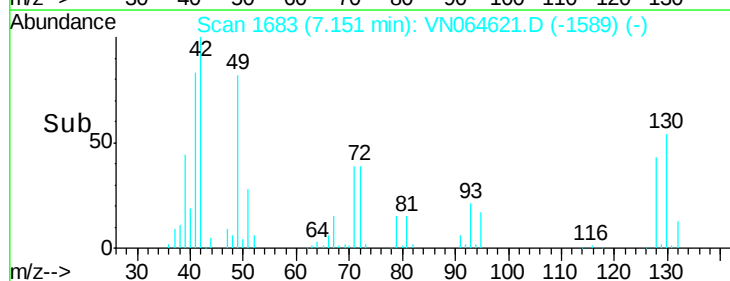
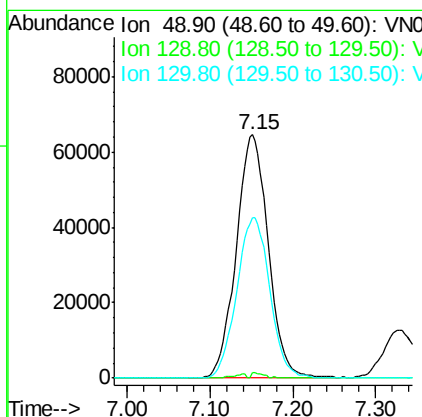
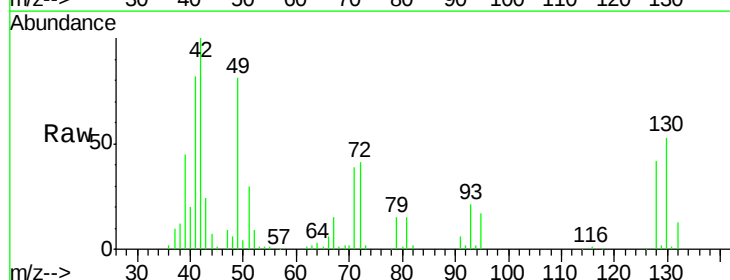
Manual Integrations
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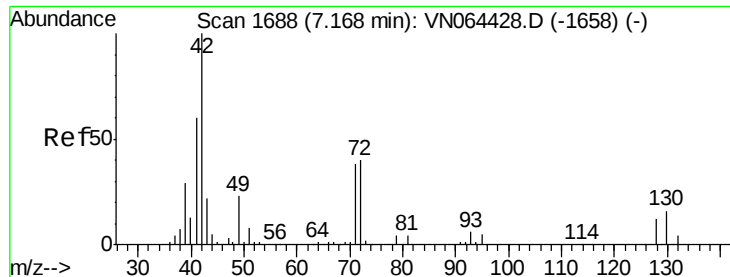
MMDadoda
 11/13/2020 11:44:26 AM



#28
 Bromochloromethane
 Concen: 49.925 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	173750		
129	0.7	0.0	3.6	
130	67.7	54.2	81.4	





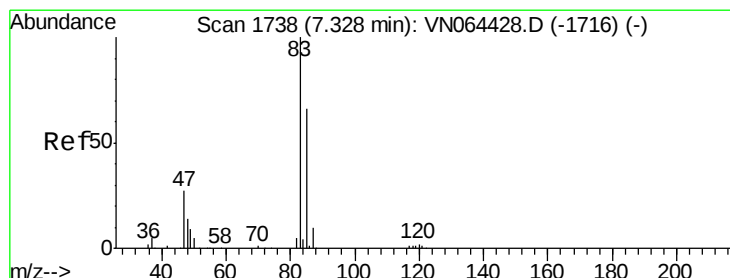
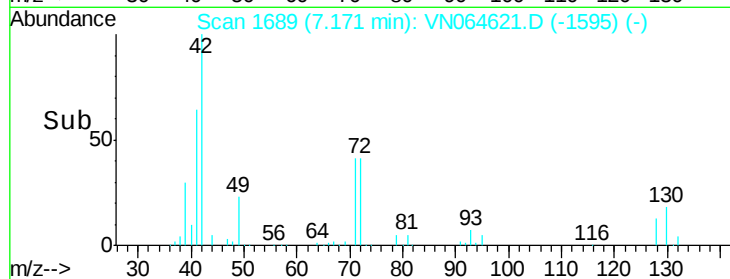
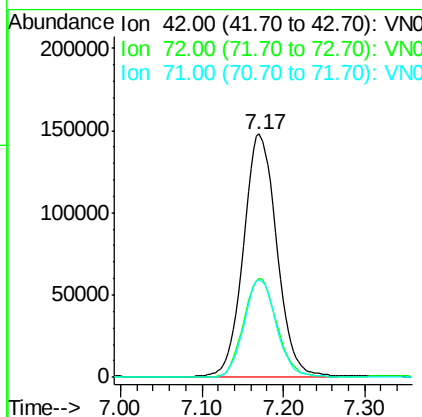
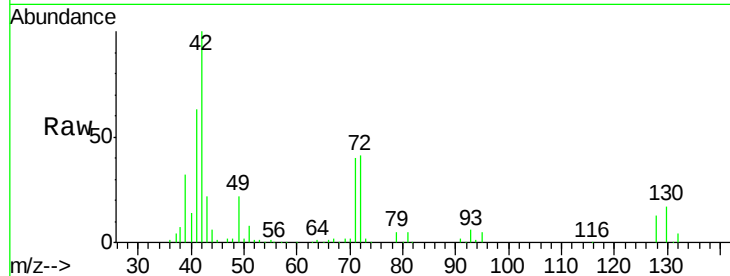
#29
Tetrahydrofuran
Concen: 275.799 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	31.7	47.5
71	39.2	29.8	44.6

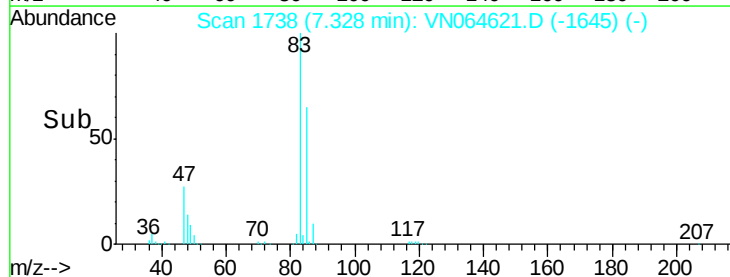
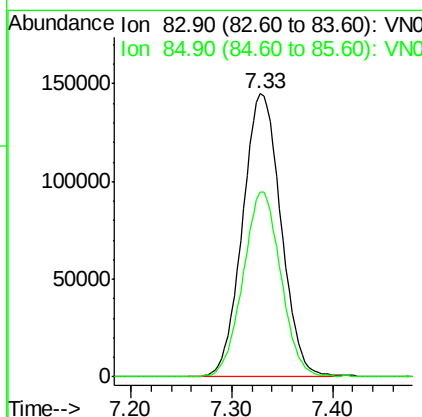
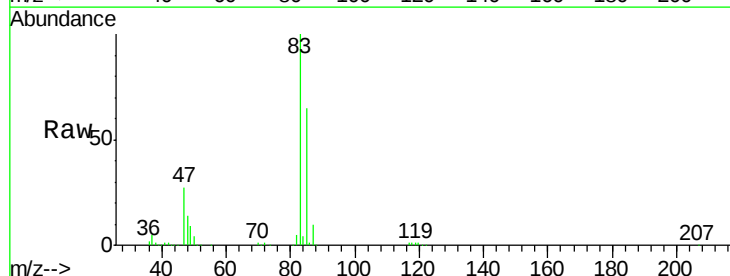
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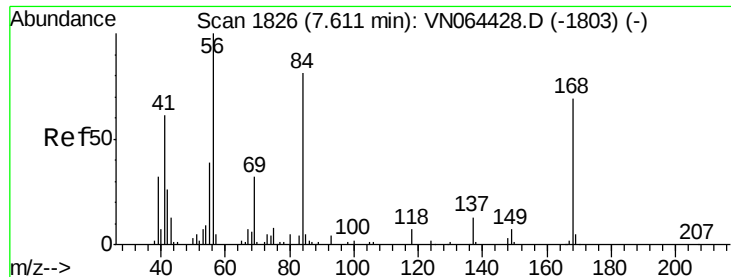
MMDadoda
11/13/2020 11:44:26 AM



#30
Chloroform
Concen: 51.406 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7





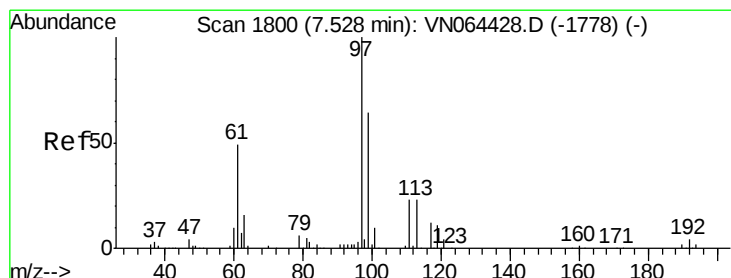
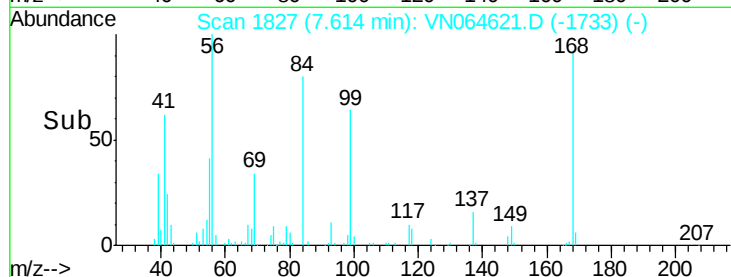
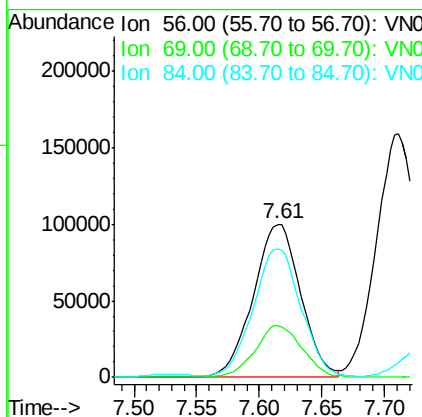
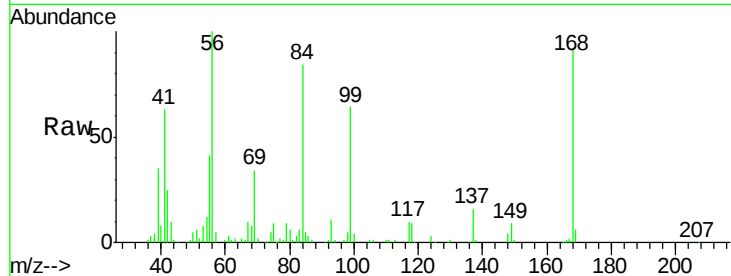
#31
Cyclohexane
Concen: 42.771 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	25.6	38.4
84	82.4	63.0	94.6

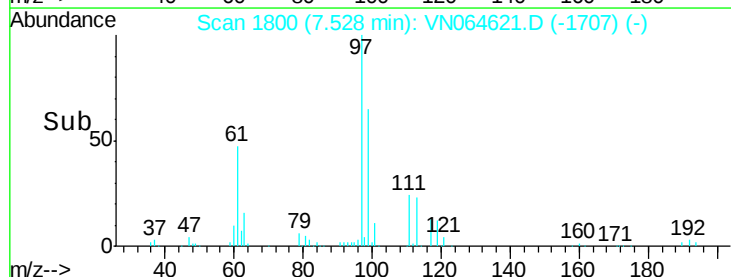
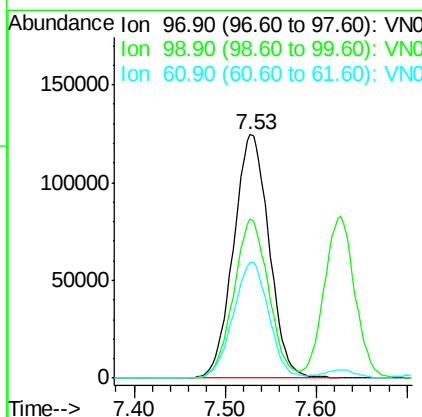
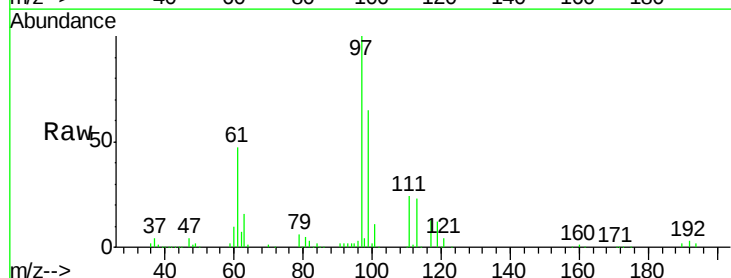
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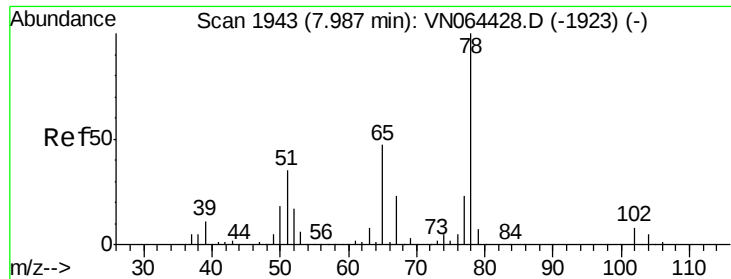
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#32
1,1,1-Trichloroethane
Concen: 51.220 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	47.5	39.1	58.7





#33

1,2-Dichloroethane-d4

Concen: 50.985 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 257665

Ion Ratio Lower Upper

65 100

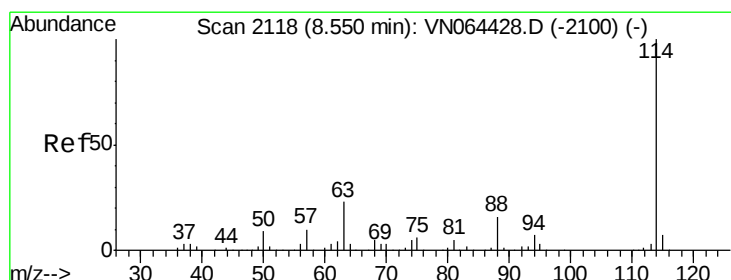
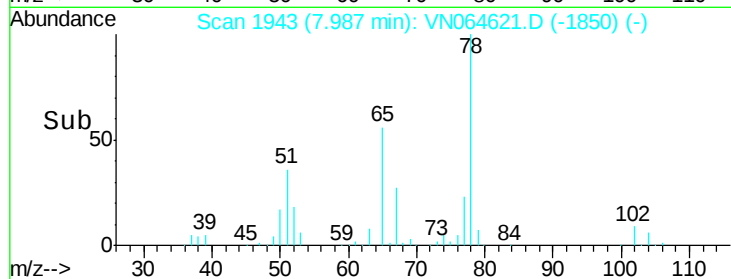
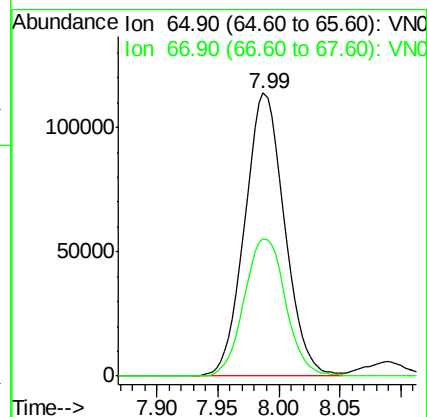
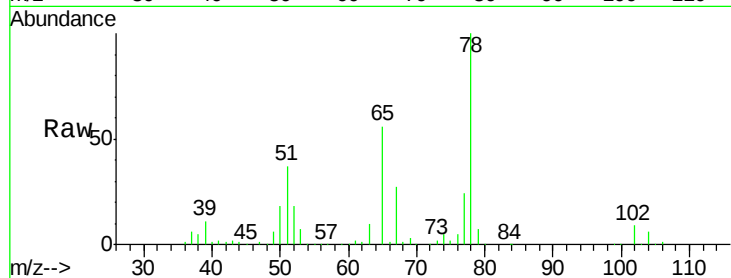
67 50.4 0.0 101.6

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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: VN064621.D

Acq: 13 Nov 2020 8:35

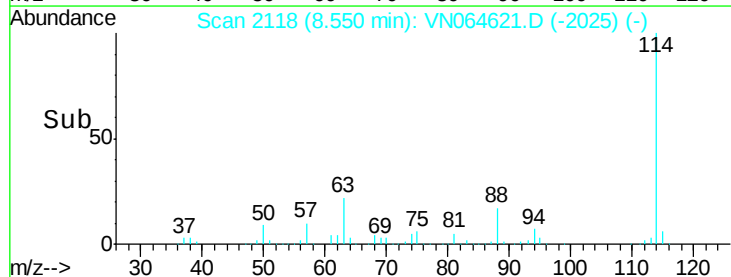
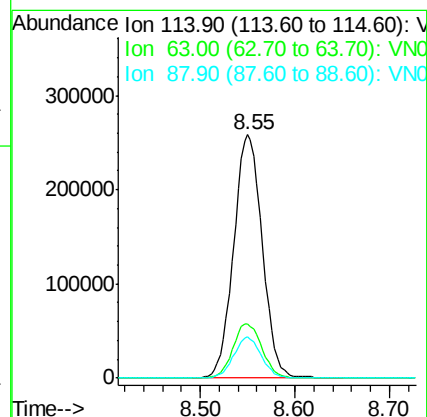
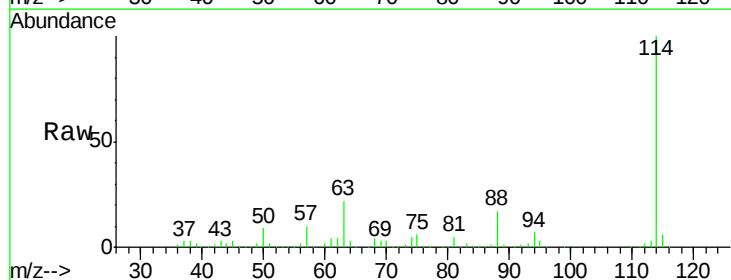
Tgt Ion: 114 Resp: 542143

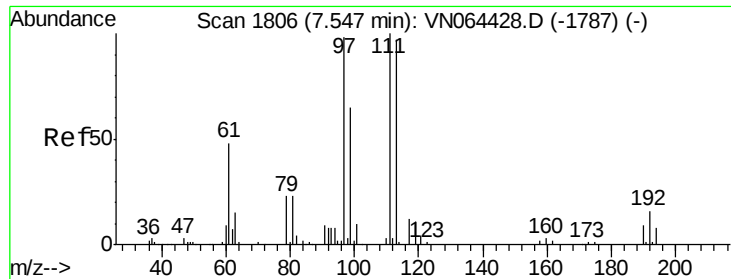
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 16.8 0.0 32.8





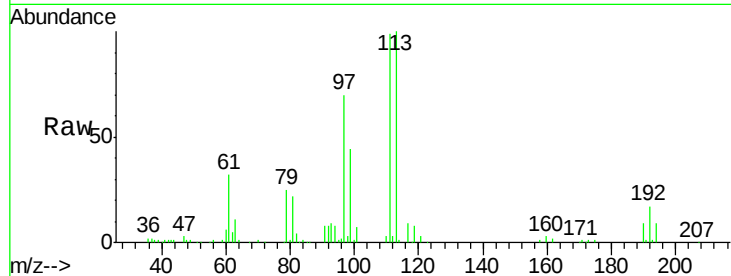
#35
Dibromofluoromethane
Concen: 48.602 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	179401		
111	103.1	81.1	121.7	
192	16.6	12.8	19.2	

Manual Integrations
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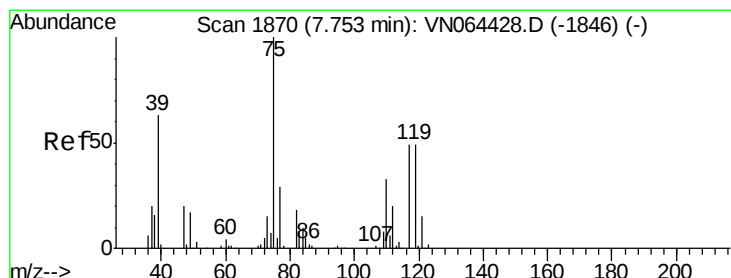
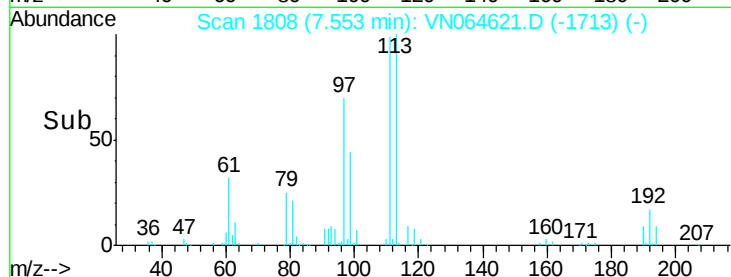
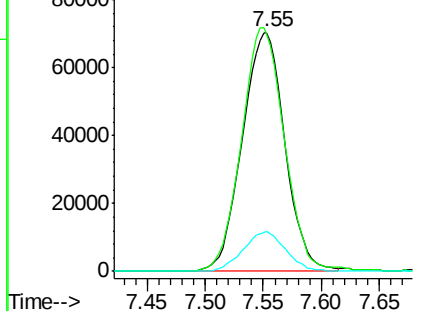


Abundance

Ion 112.80 (112.50 to 113.50): V

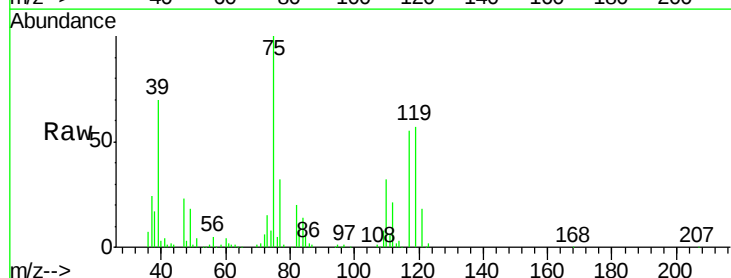
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 45.616 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	261257		
110	32.9	16.0	48.0	
77	32.0	24.0	36.0	

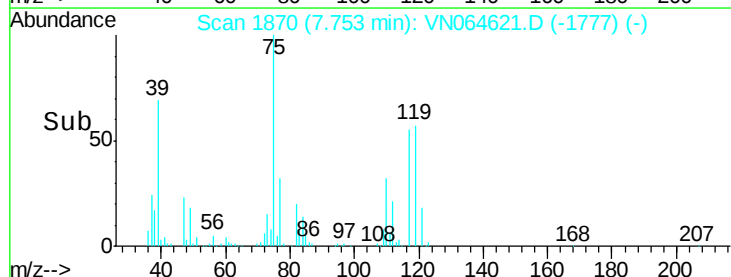
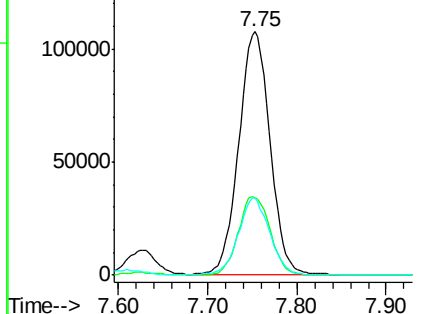


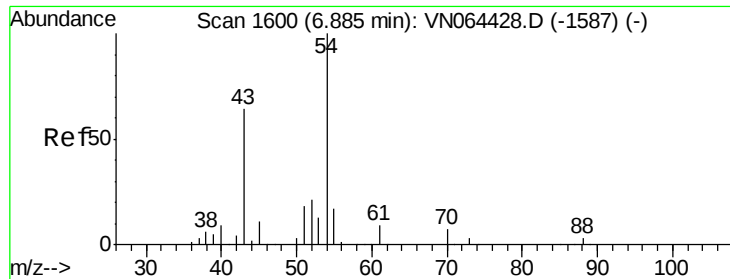
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





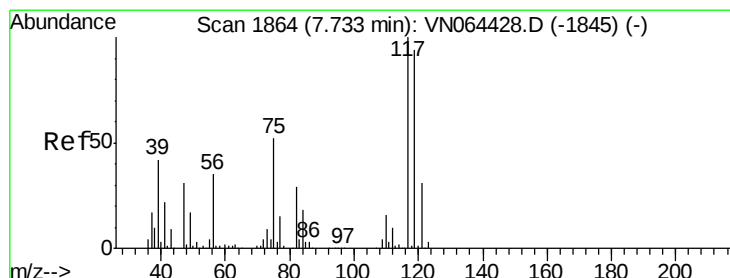
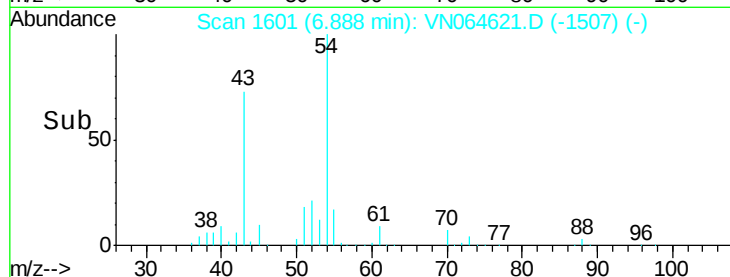
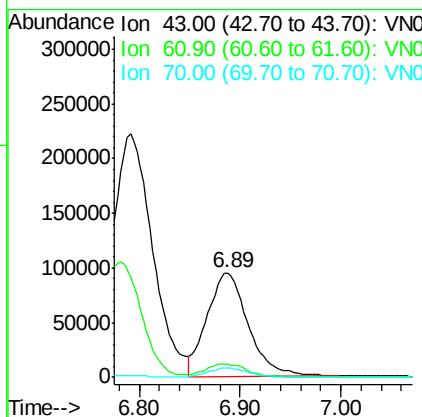
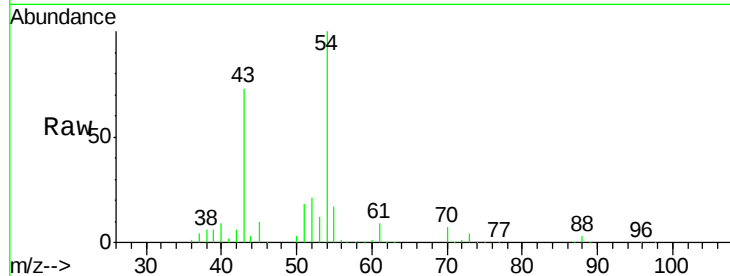
#37
Ethyl Acetate
Concen: 46.214 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.0	15.0
70	9.1	7.1	10.7

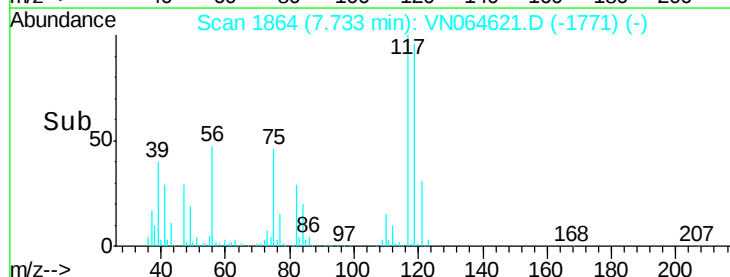
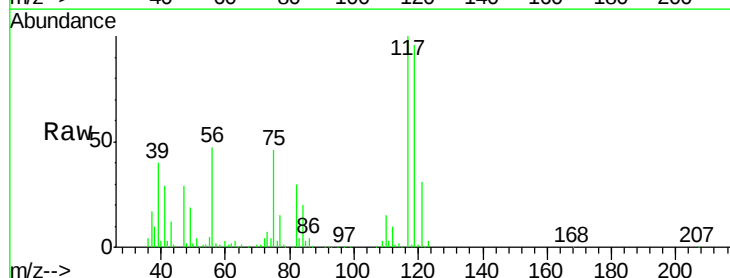
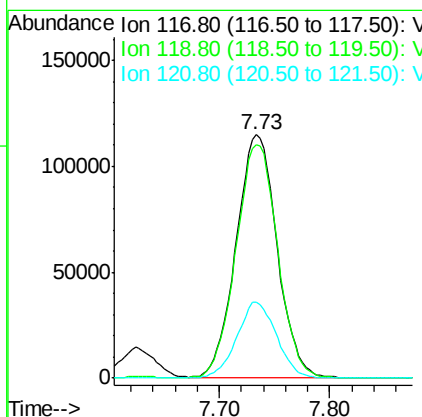
Manual Integrations
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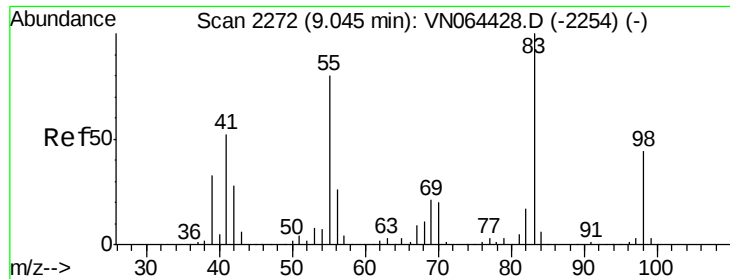
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#38
Carbon Tetrachloride
Concen: 48.012 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.5	113.3
121	31.5	24.4	36.6





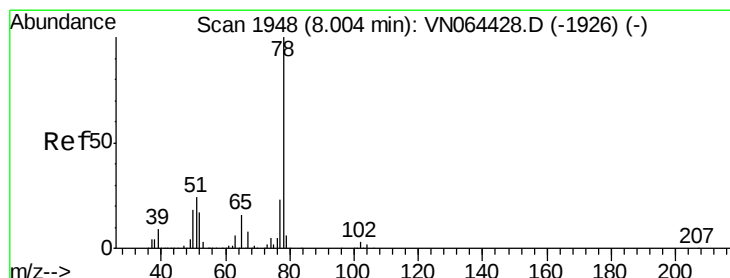
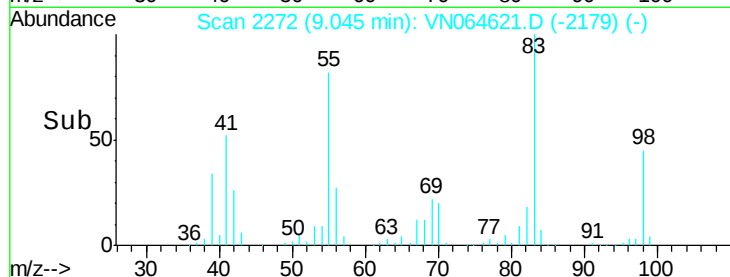
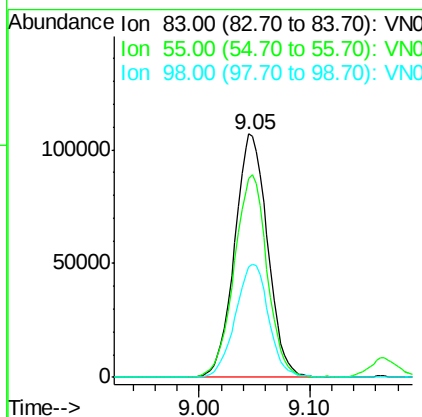
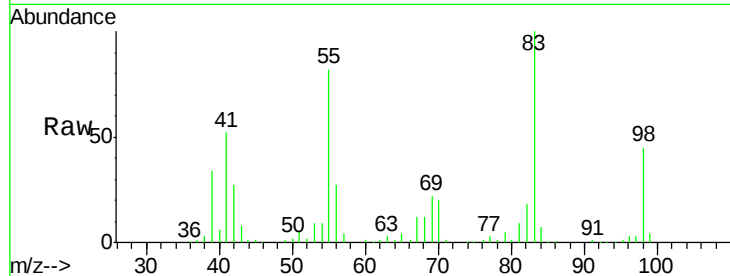
#39
Methvlcvclohexane
Concen: 43.101 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.6	63.8	95.6
98	45.5	35.4	53.2

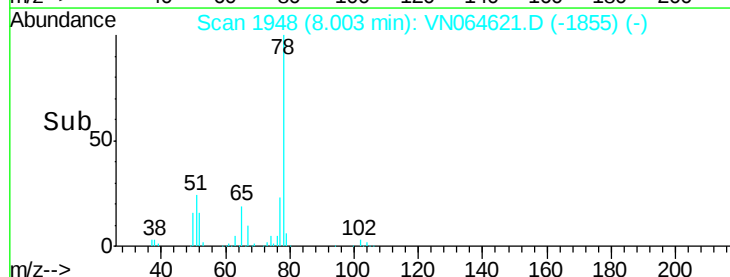
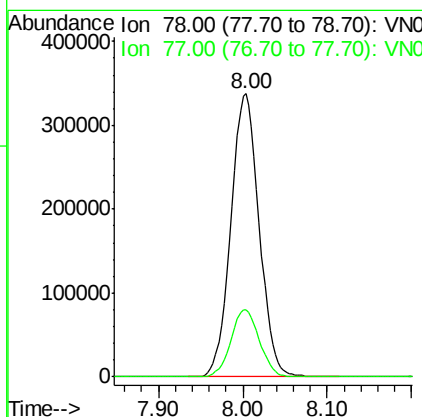
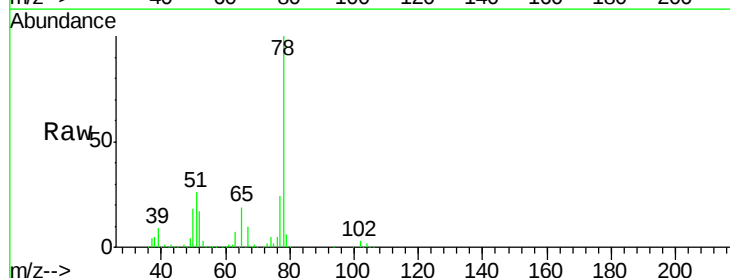
Manual Integrations
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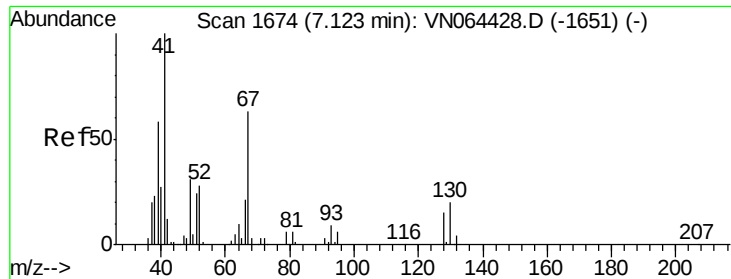
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#40
Benzene
Concen: 46.771 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





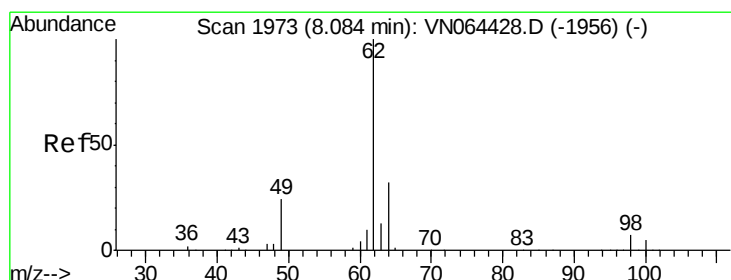
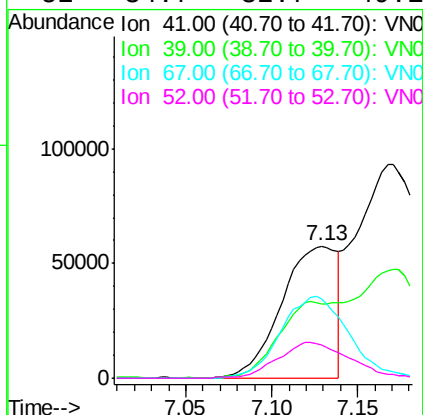
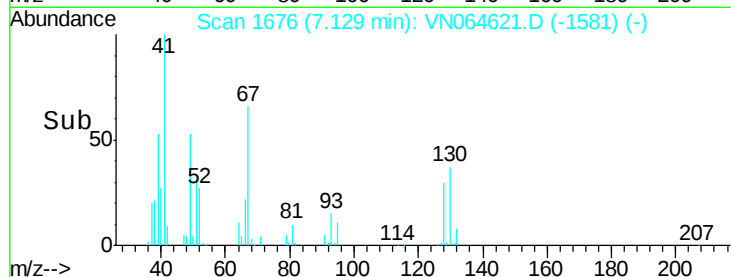
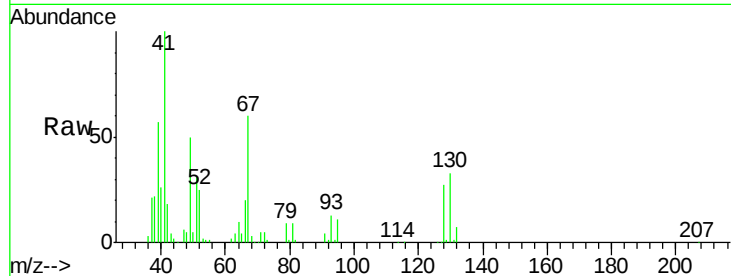
#41
Methacrylonitrile
Concen: 50.916 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	49.3	50.0	75.0#	
67	76.2	68.3	102.5	
52	34.7	32.7	49.1	

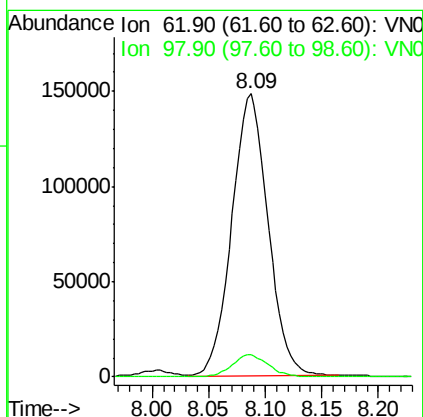
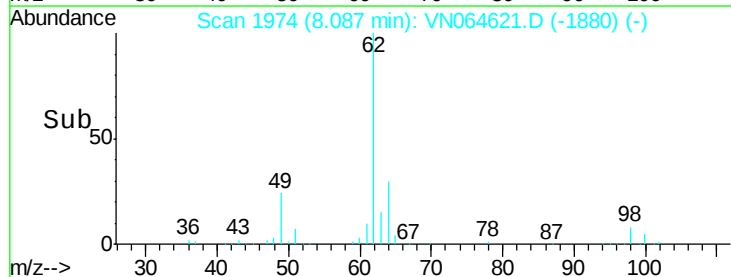
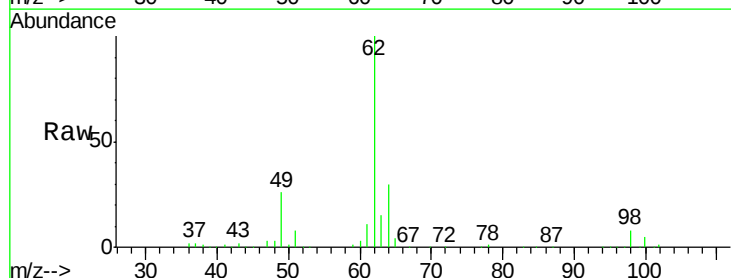
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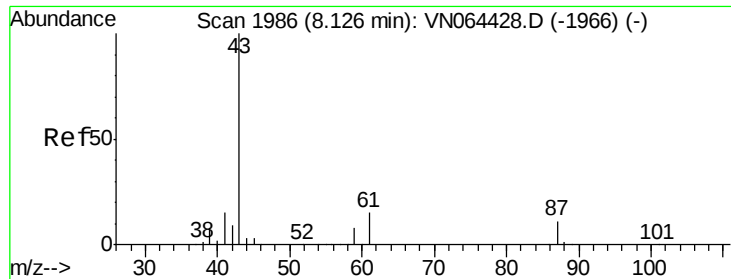
MMDadoda
11/13/2020 11:44:26 AM



#42
1,2-Dichloroethane
Concen: 48.750 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	14.0	





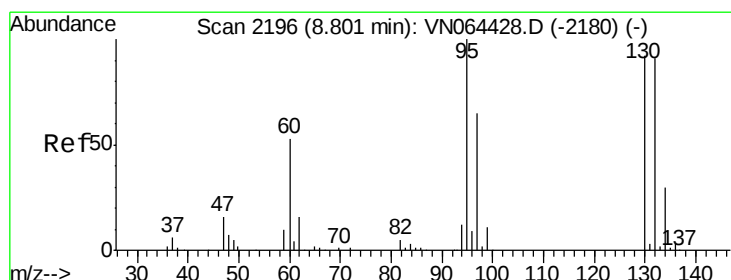
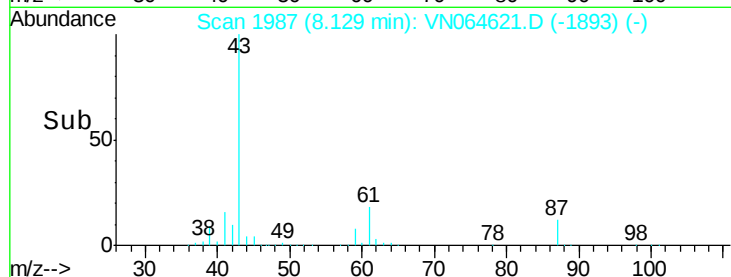
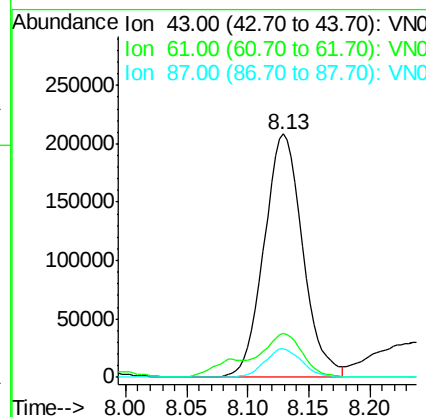
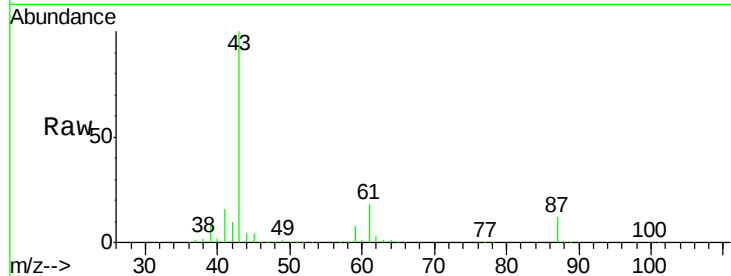
#43
Isopropyl Acetate
Concen: 49.323 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.0	21.0
87	11.2	9.1	13.7

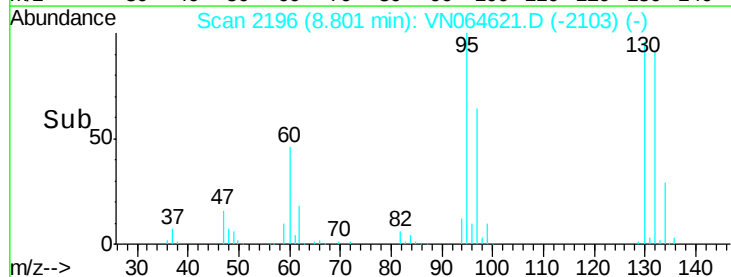
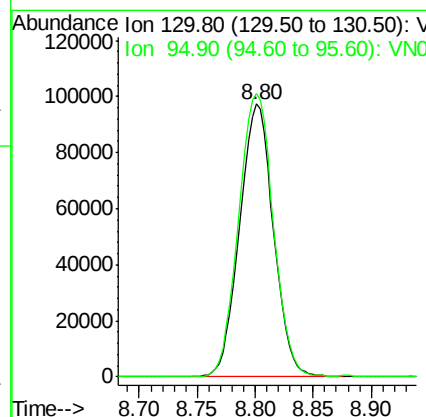
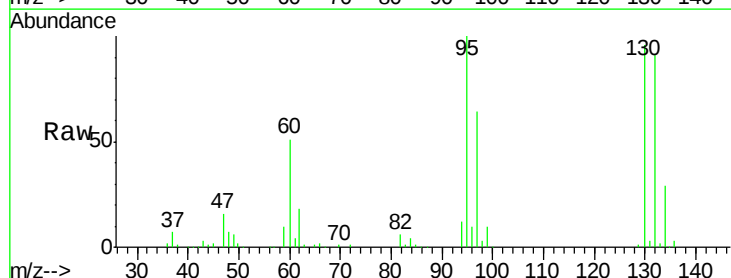
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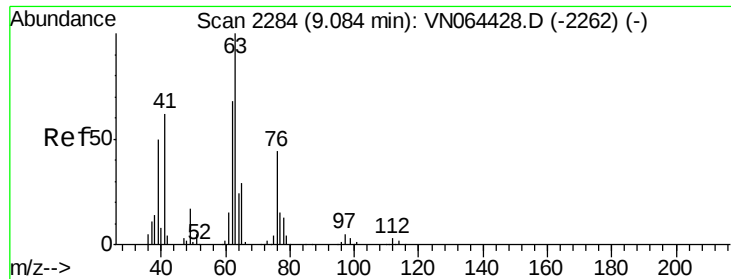
MMDadoda
11/13/2020 11:44:26 AM



#44
Trichloroethene
Concen: 46.446 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	216.8





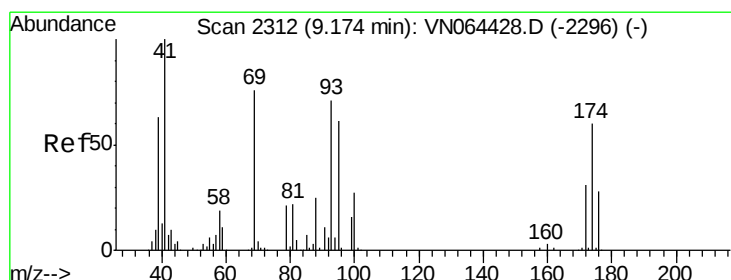
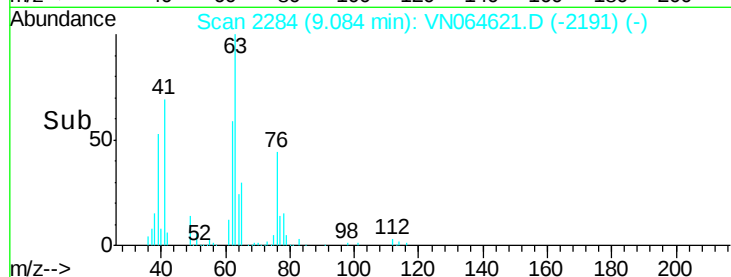
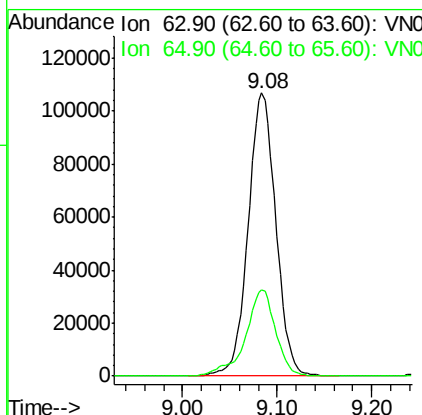
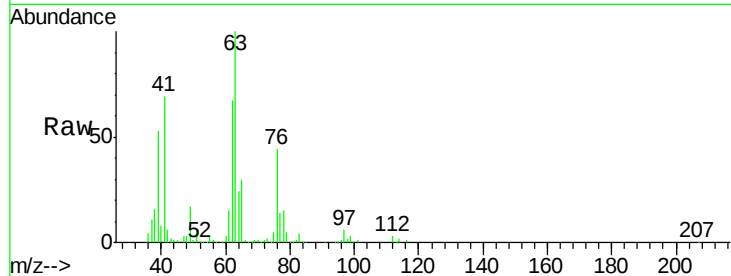
#45
 1,2-Dichloropropane
 Concen: 48.307 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 216930
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.6 35.4

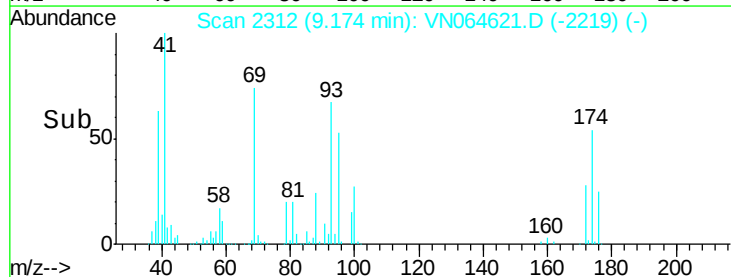
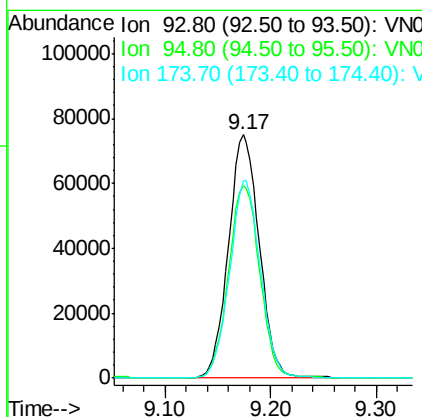
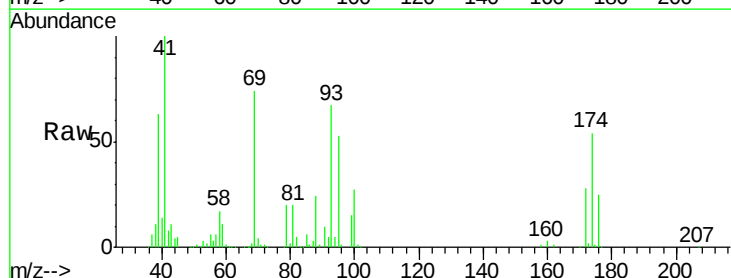
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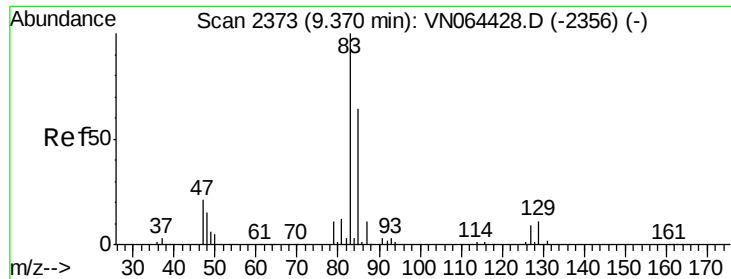
MMDadoda
 11/13/2020 11:44:26 AM



#46
 Dibromomethane
 Concen: 51.369 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion: 93 Resp: 151854
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.4 99.6
 174 81.2 67.2 100.8





#47

Bromodichloromethane

Concen: 50.565 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

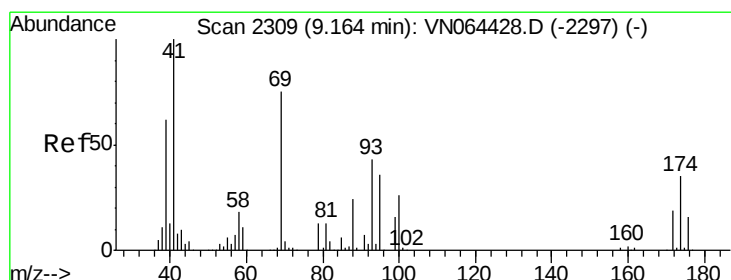
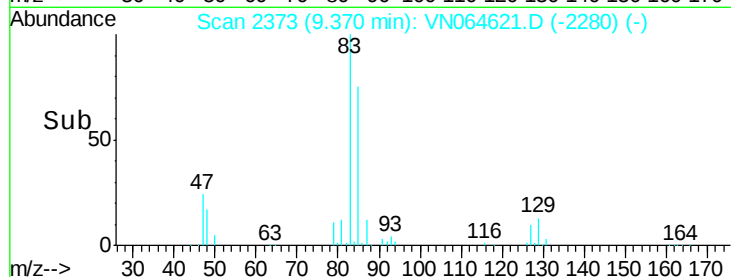
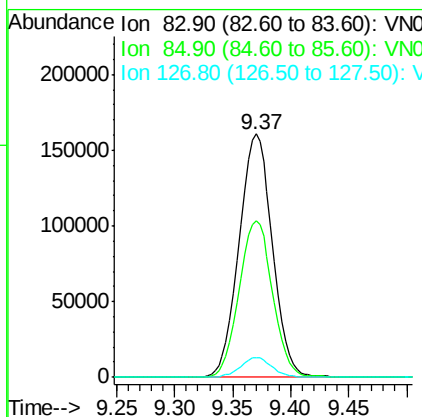
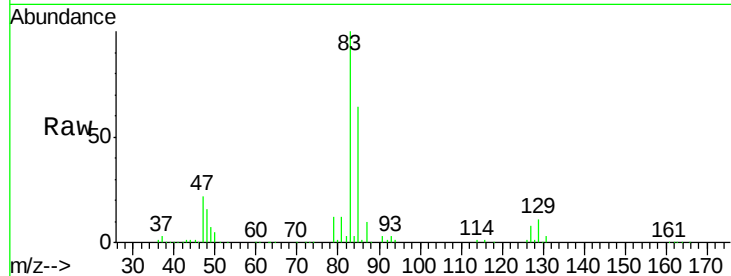
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	321401
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.2	76.8
127	8.2	6.9	10.3

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#48

Methyl methacrylate

Concen: 51.553 ug/l

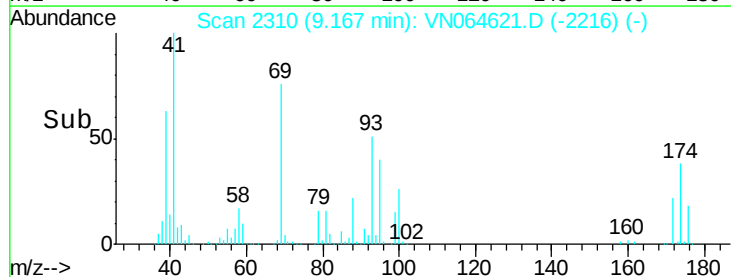
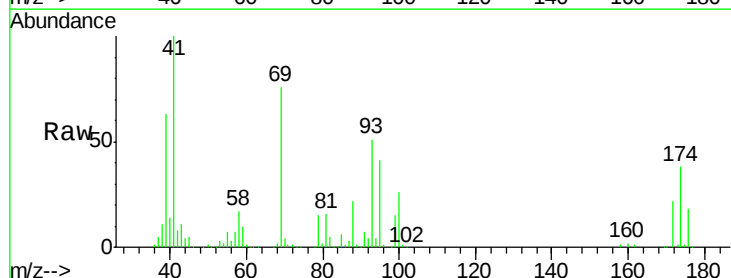
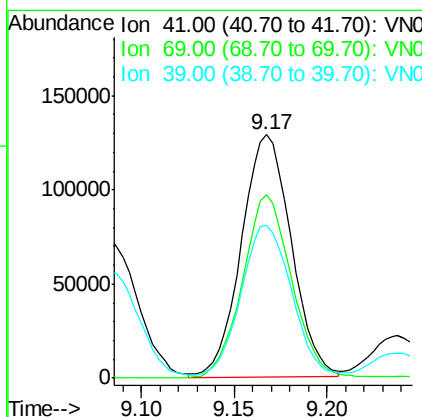
RT: 9.17 min Scan# 2310

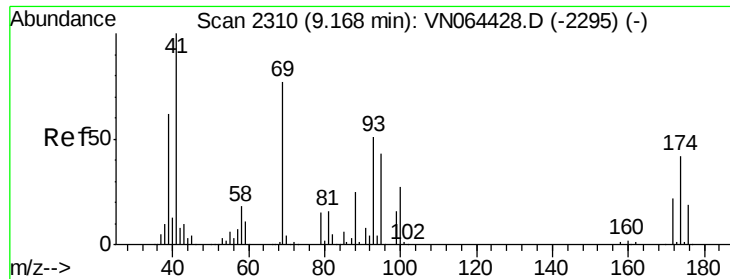
Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Tgt Ion:	41	Resp:	241452
Ion Ratio	Lower	Upper	
41	100		
69	74.6	60.4	90.6
39	64.3	51.2	76.8





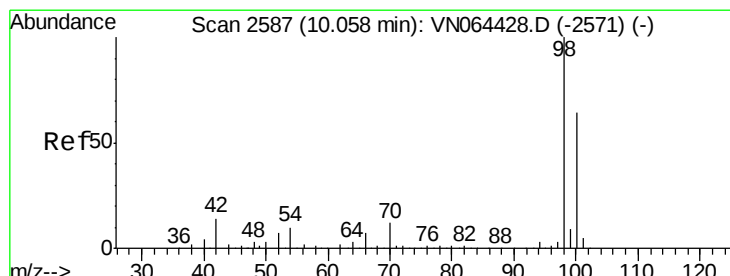
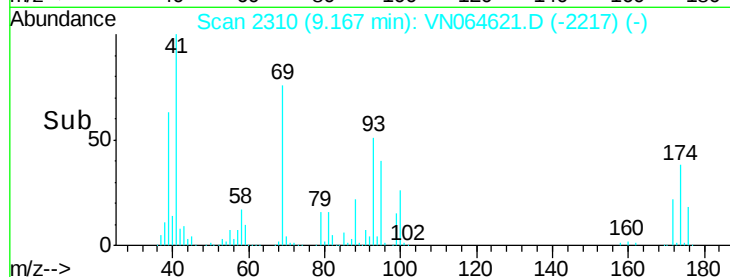
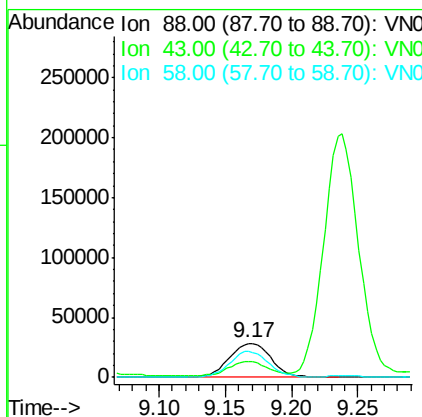
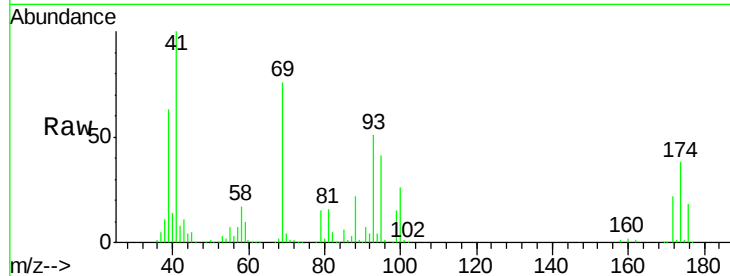
#49
1,4-Dioxane
Concen: 1006.386 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	62083
Ion Ratio	Lower	Upper	
88	100		
43	39.0	31.0	46.6
58	71.7	58.4	87.6

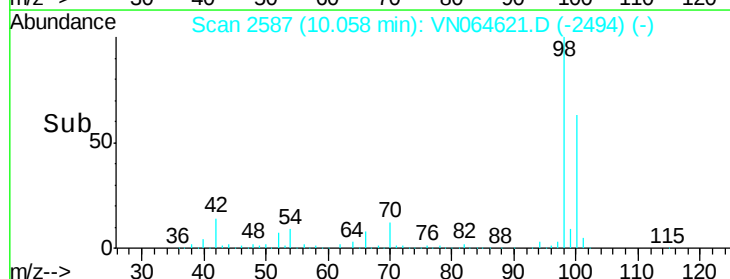
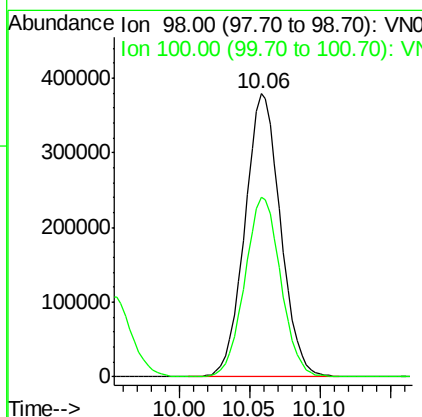
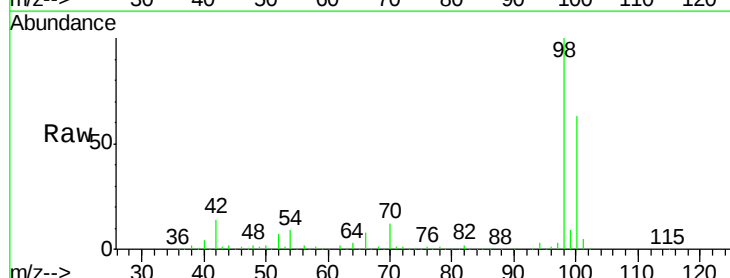
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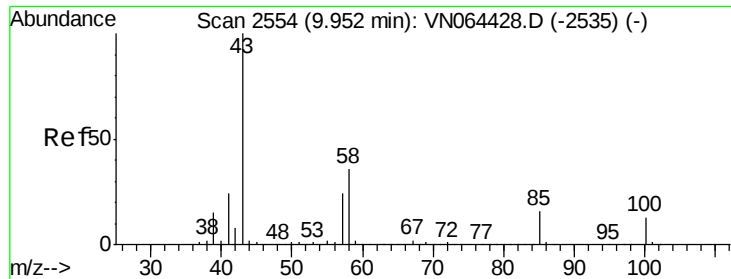
MMDadoda
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#50
Toluene-d8
Concen: 47.078 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	98	Resp	671651
Ion Ratio	Lower	Upper	
98	100		
100	63.6	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 273.552 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1480681

Ion Ratio Lower Upper

43 100

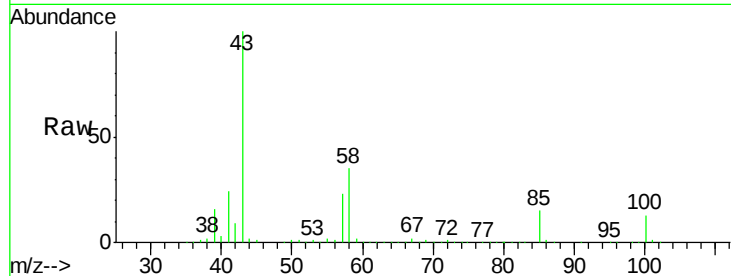
58 35.2 28.4 42.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

800000

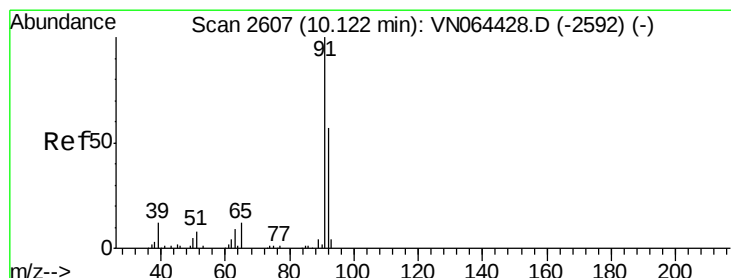
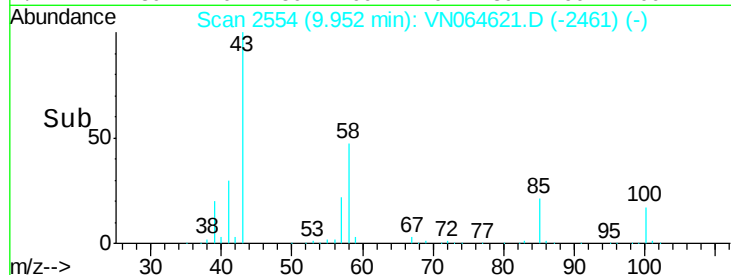
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.592 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064621.D

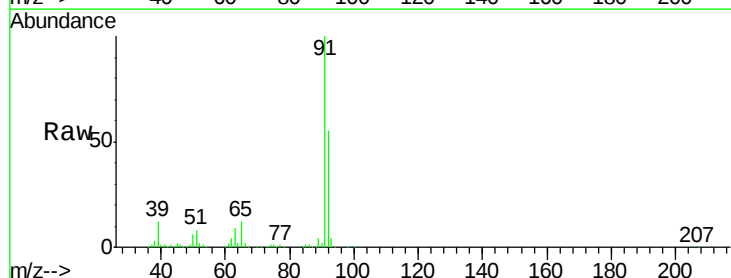
Acq: 13 Nov 2020 8:35

Tgt Ion: 92 Resp: 498787

Ion Ratio Lower Upper

92 100

91 178.7 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.13

500000

400000

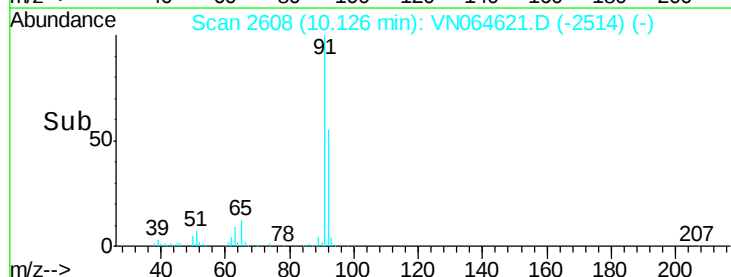
300000

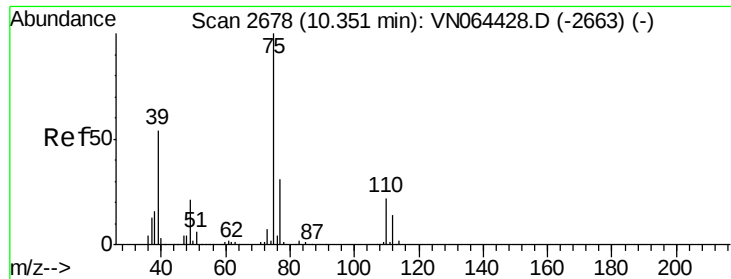
200000

100000

0

Time-->





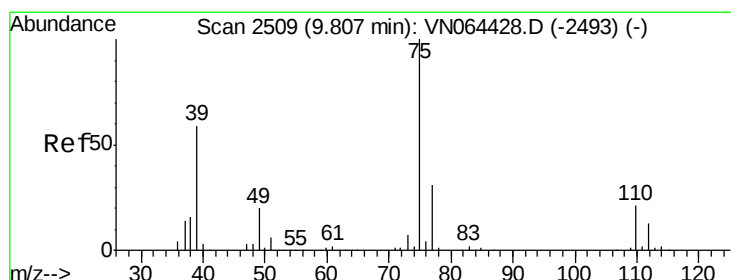
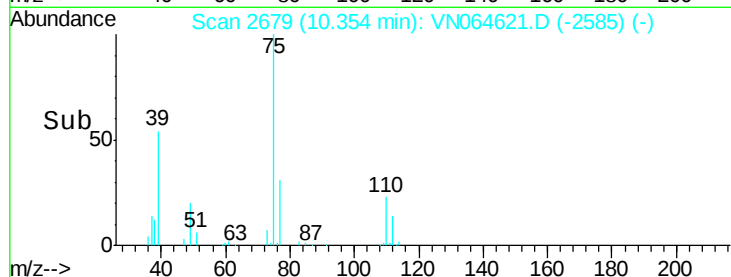
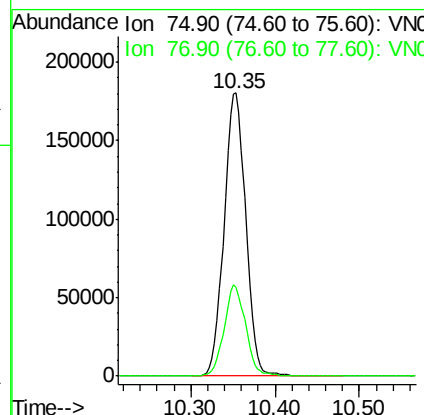
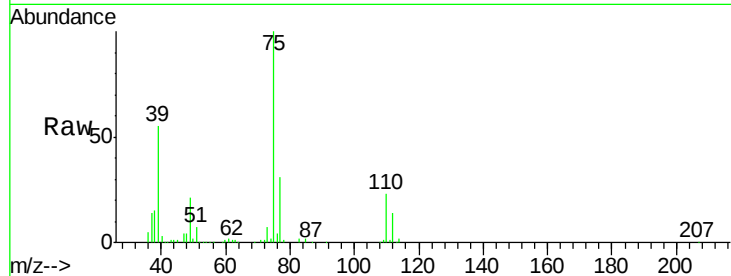
#53
 t-1,3-Dichloropropene
 Concen: 47.796 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2

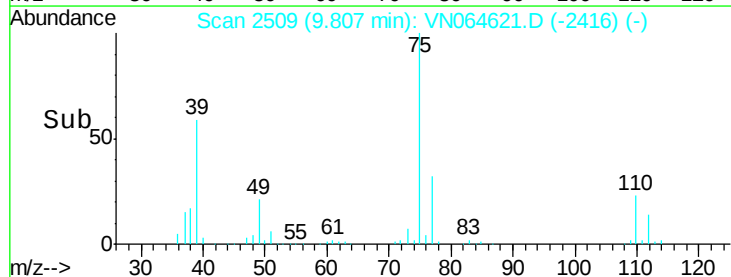
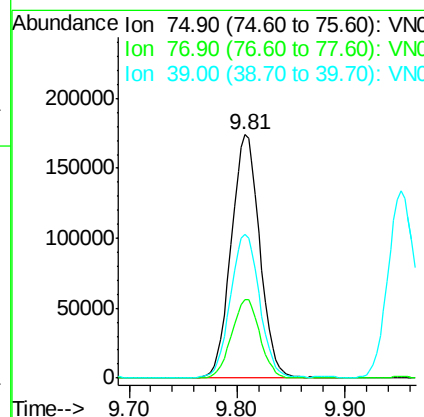
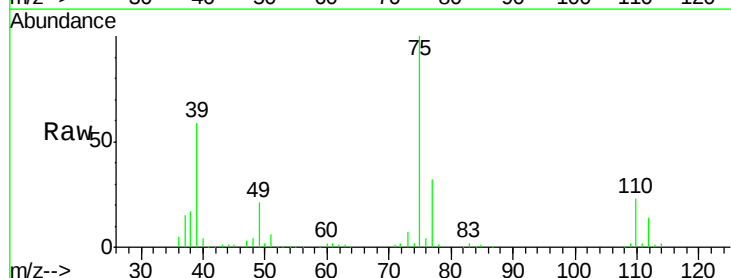
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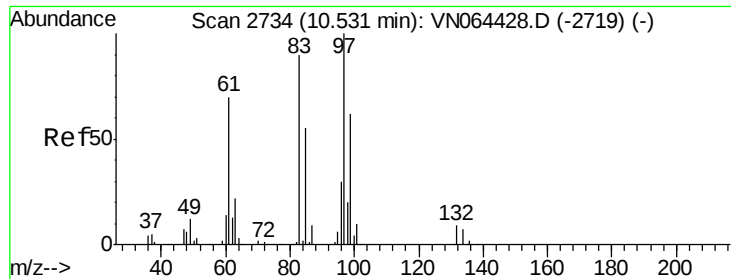
MMDadoda
 11/13/2020 11:44:26 AM



#54
 cis-1,3-Dichloropropene
 Concen: 44.681 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.9	37.3
39	59.0	47.1	70.7





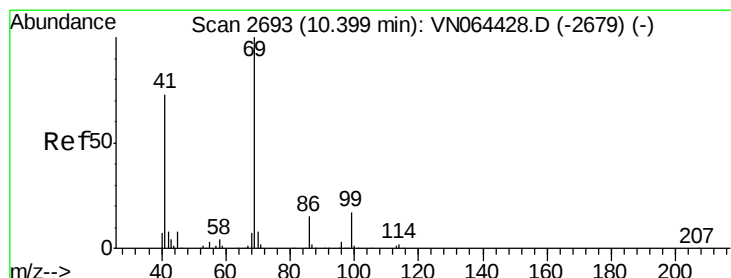
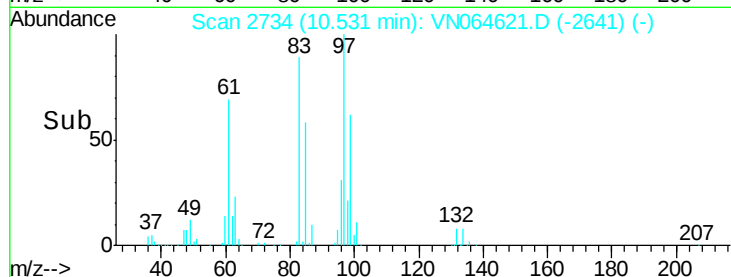
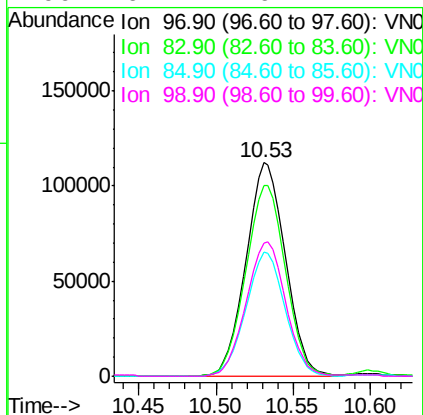
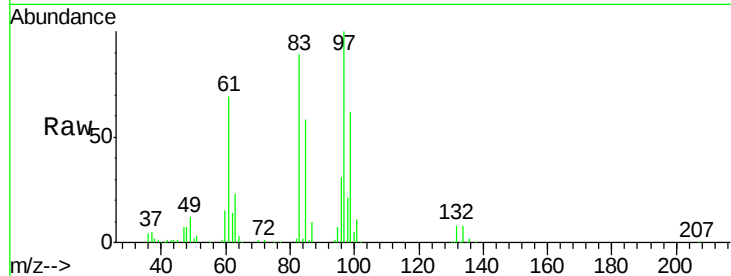
#55
 1,1,2-Trichloroethane
 Concen: 49.733 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	199094
Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.7	107.5
85	57.8	44.3	66.5
99	62.2	49.4	74.2

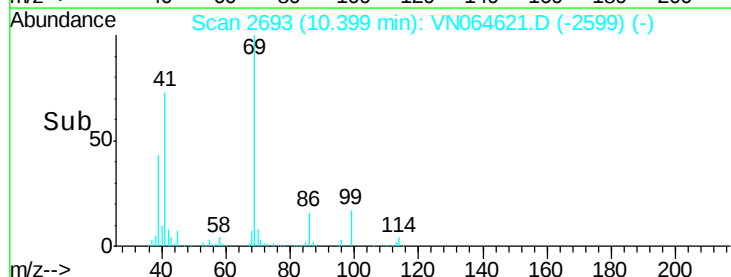
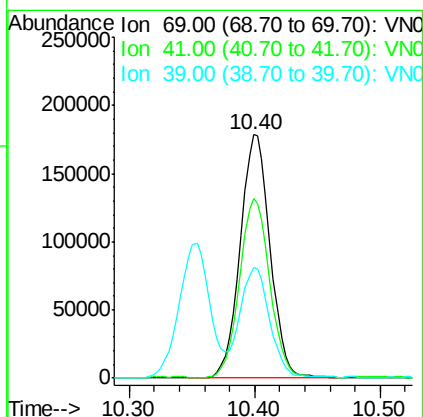
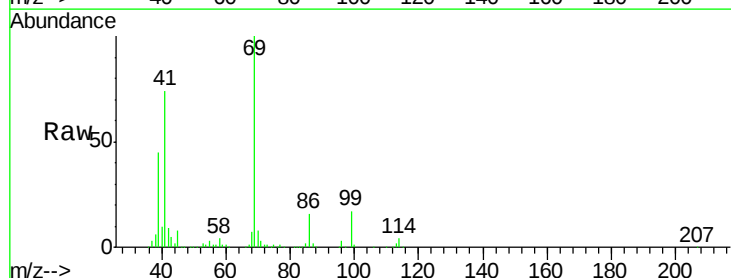
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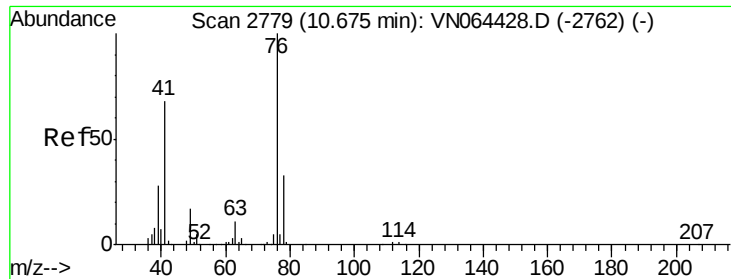
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 11/13/2020 11:44:26 AM



#56
 Ethyl methacrylate
 Concen: 45.178 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion:	69	Resp:	296352
Ion	Ratio	Lower	Upper
69	100		
41	74.0	59.3	88.9
39	45.2	35.4	53.0





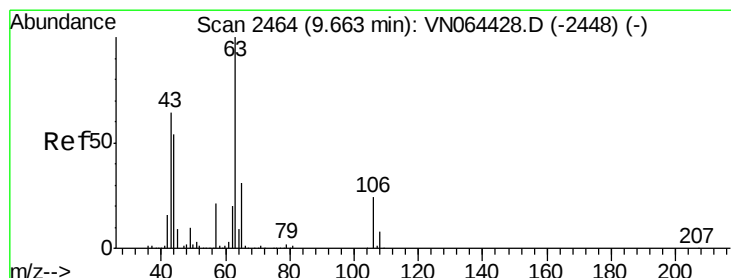
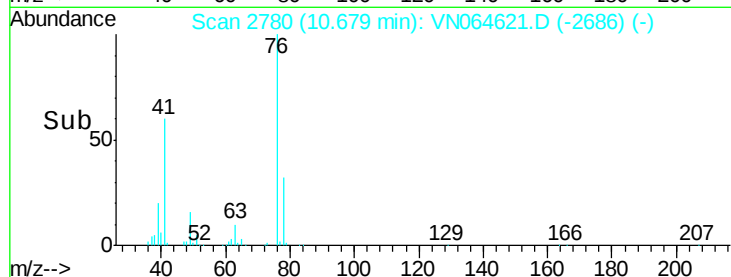
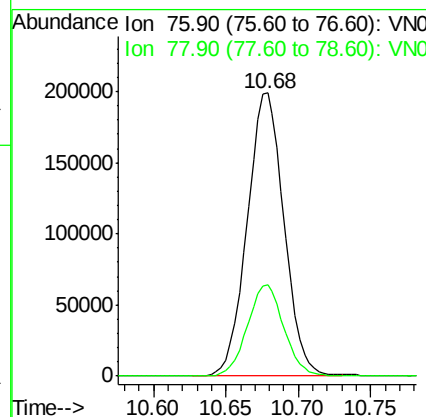
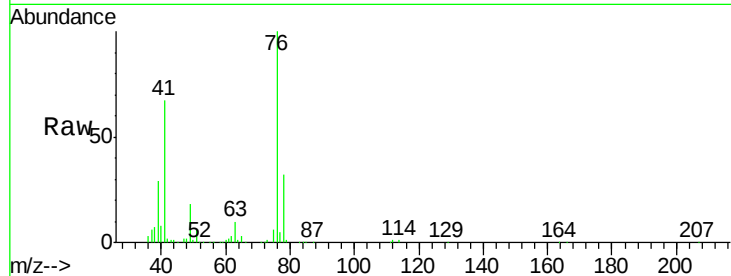
#57
 1,3-Dichloropropane
 Concen: 50.243 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 351074
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6

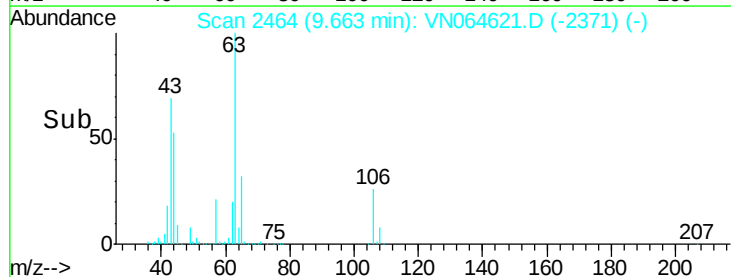
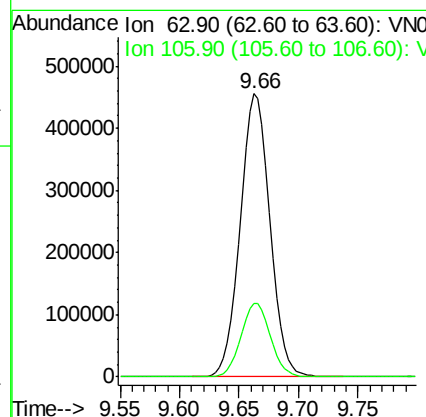
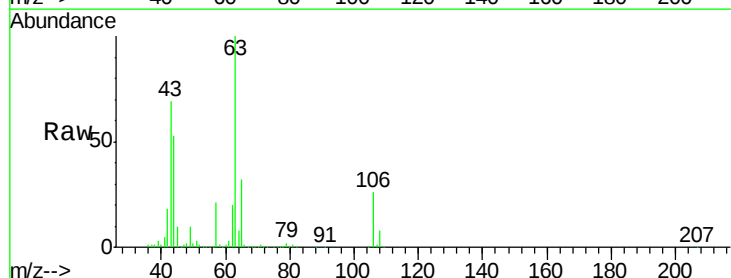
Manual Integrations
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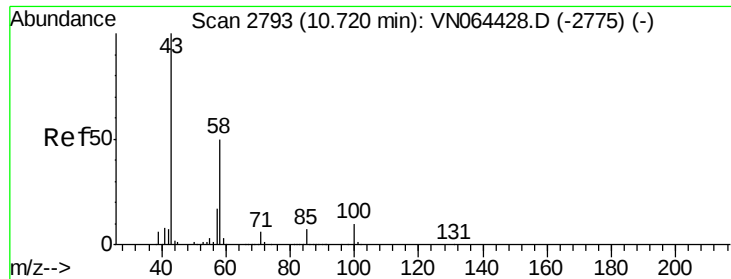
MMDadoda
 11/13/2020 11:44:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.234 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion: 63 Resp: 789073
 Ion Ratio Lower Upper
 63 100
 106 26.0 19.5 29.3





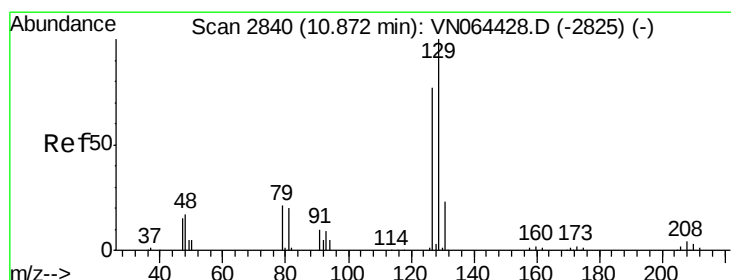
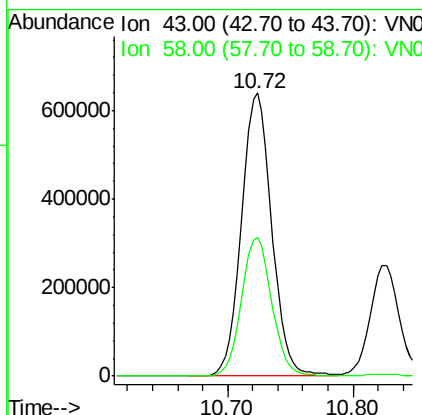
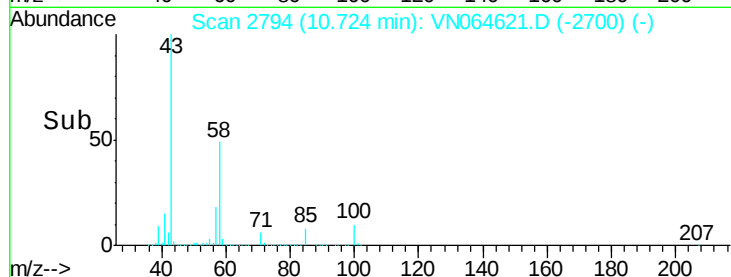
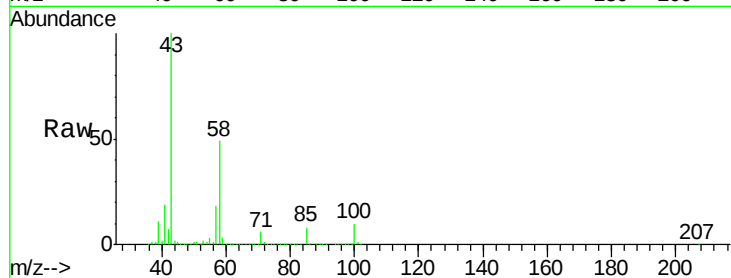
#59
2-Hexanone
Concen: 241.268 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1064282
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1

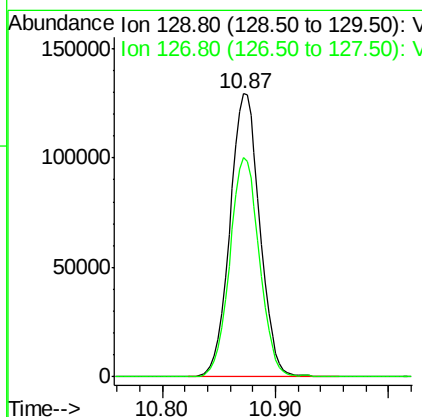
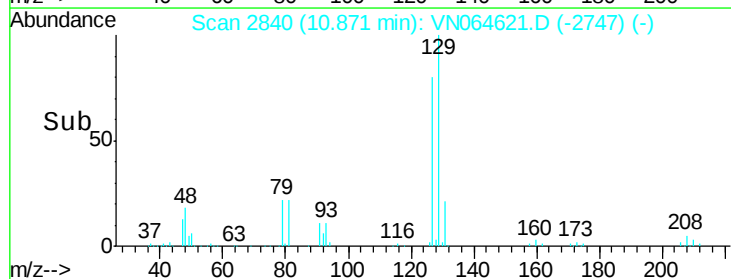
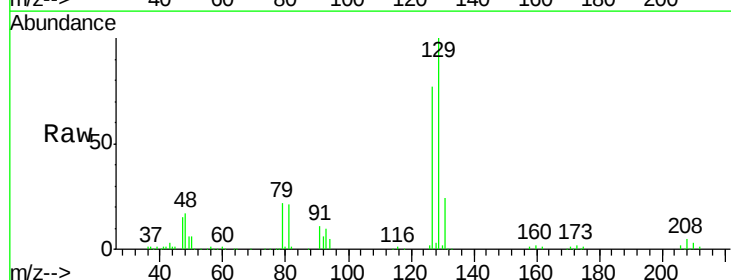
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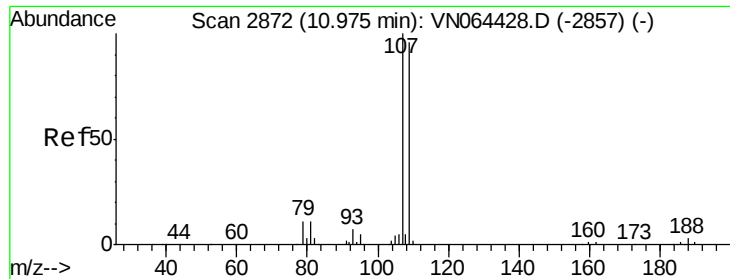
MMDadoda
11/13/2020 11:44:26 AM



#60
Dibromochloromethane
Concen: 52.967 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 129 Resp: 237399
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7





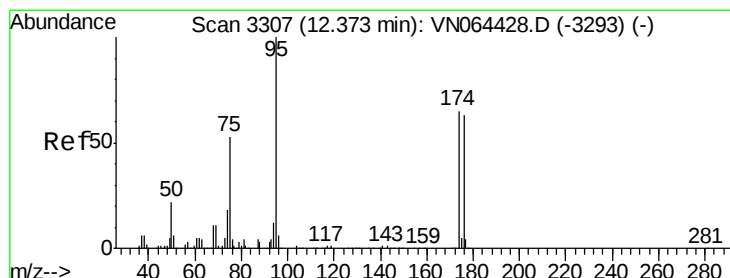
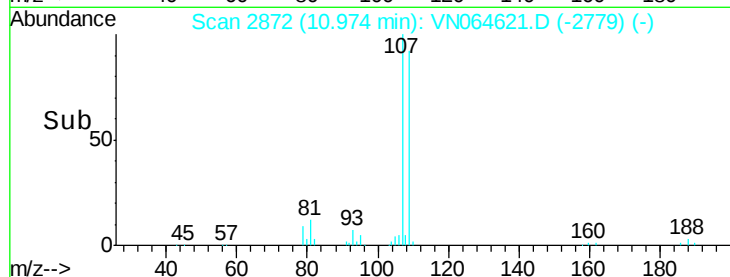
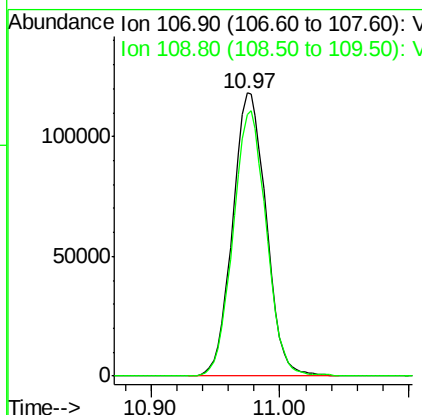
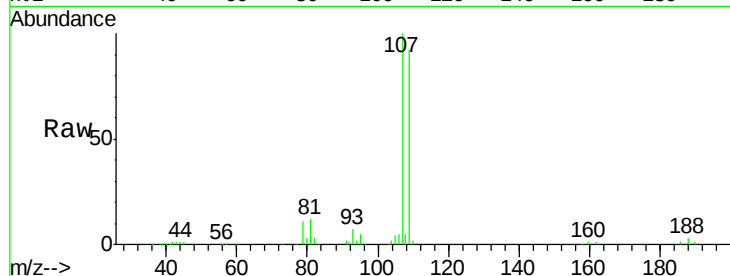
#61
 1,2-Dibromoethane
 Concen: 52.555 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.9	113.9

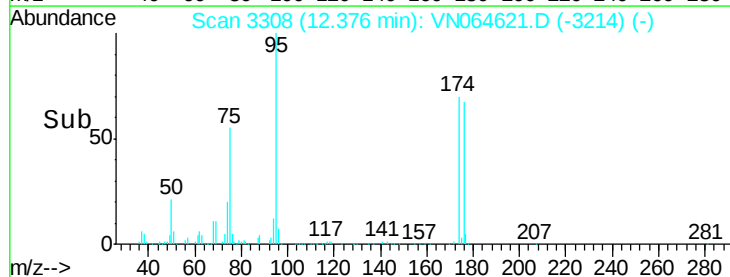
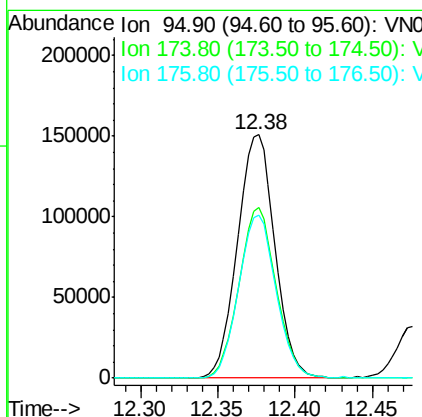
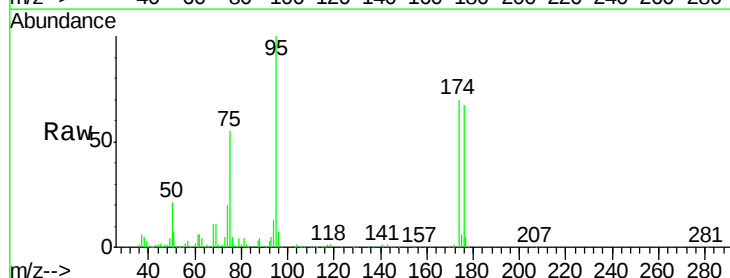
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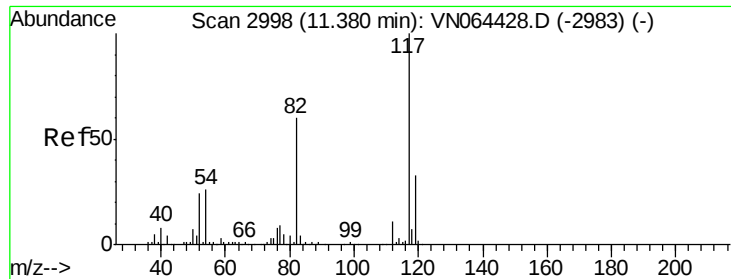
MMDadoda
 11/13/2020 11:44:26 AM



#62
 4-Bromofluorobenzene
 Concen: 47.098 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	132.6
176	67.0	0.0	129.2





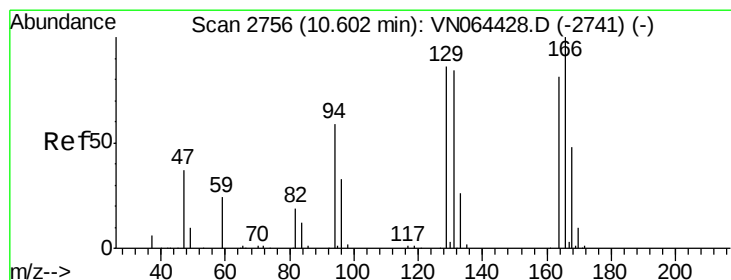
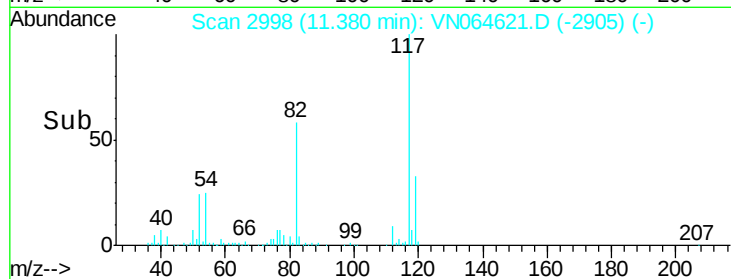
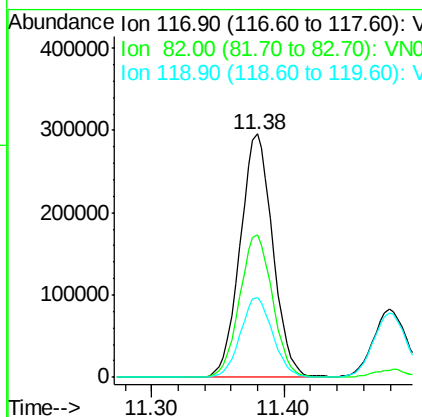
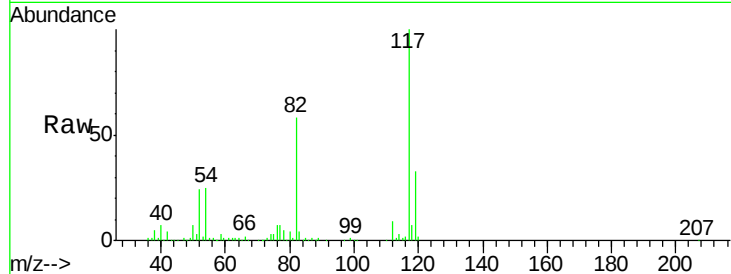
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	505280		
82	58.3		48.1	72.1
119	32.6		26.2	39.4

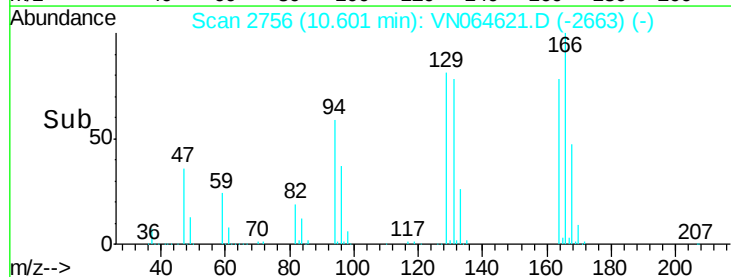
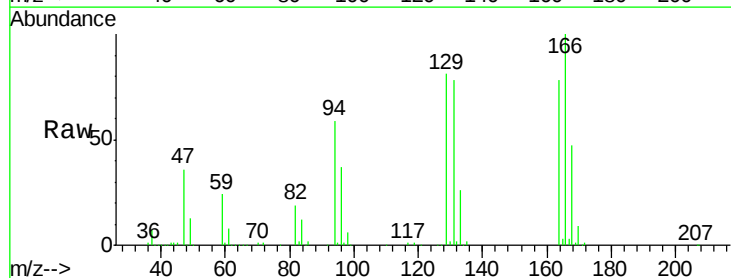
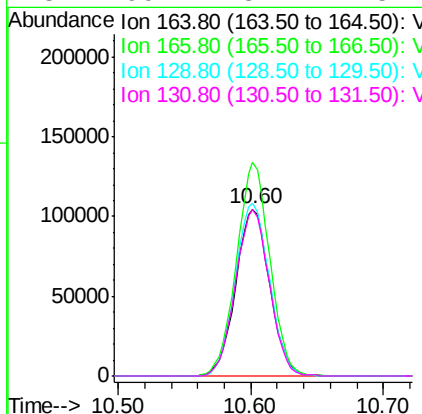
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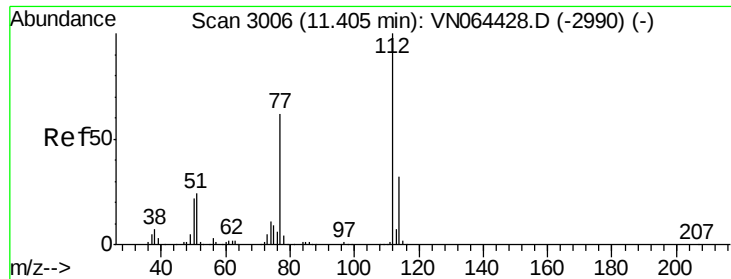
MMDadoda
11/13/2020 11:44:26 AM



#64
Tetrachloroethene
Concen: 47.767 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185918		
166	128.0		98.2	147.2
129	103.4		84.6	127.0
131	99.4		82.2	123.2





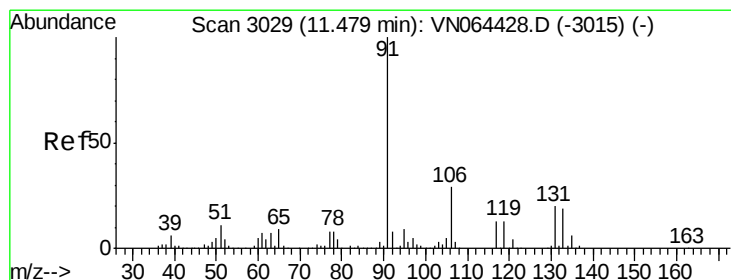
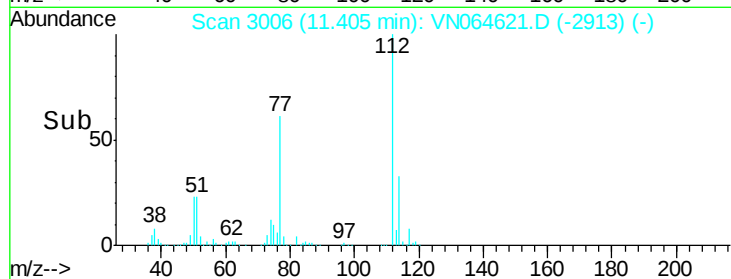
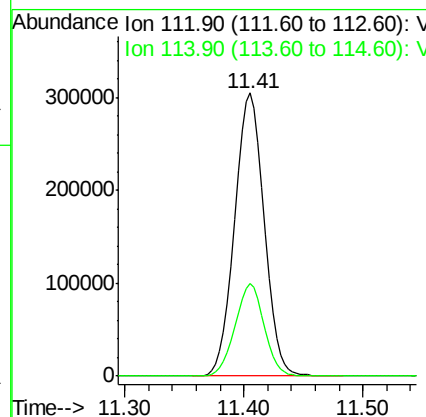
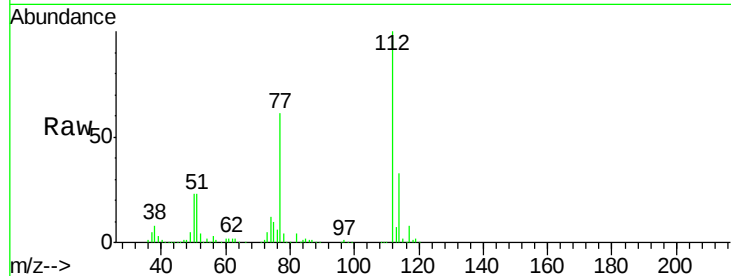
#65
Chlorobenzene
Concen: 47.422 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.6	38.4

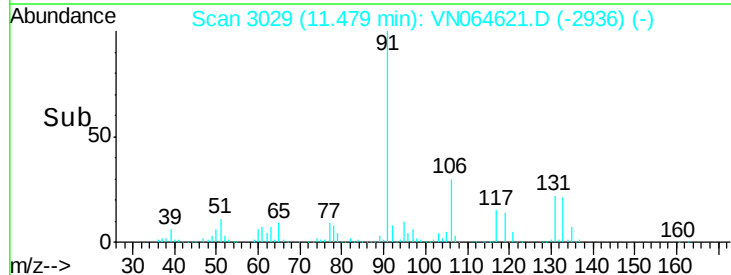
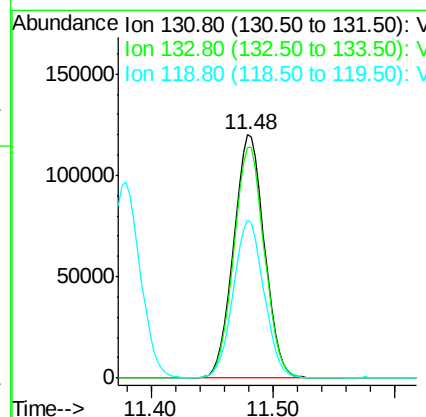
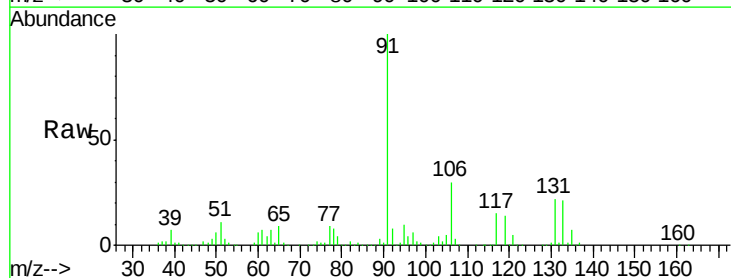
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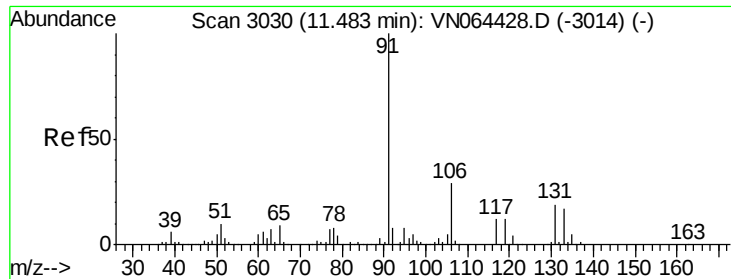
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.036 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	46.9	140.7
119	64.9	32.1	96.5





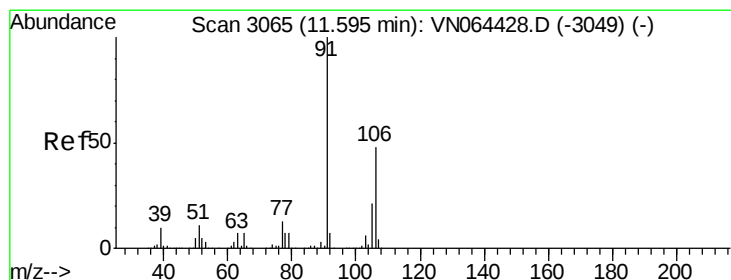
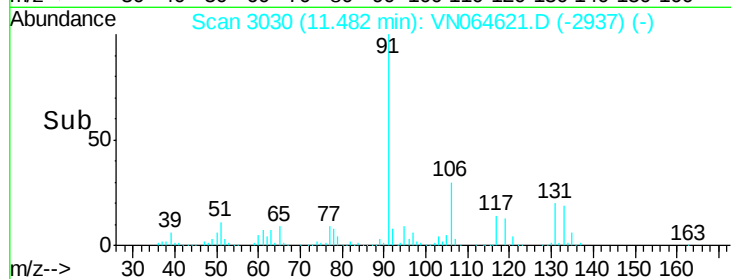
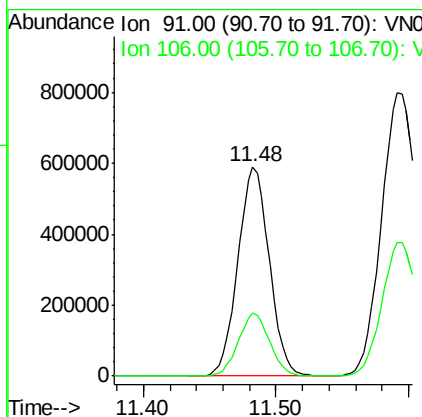
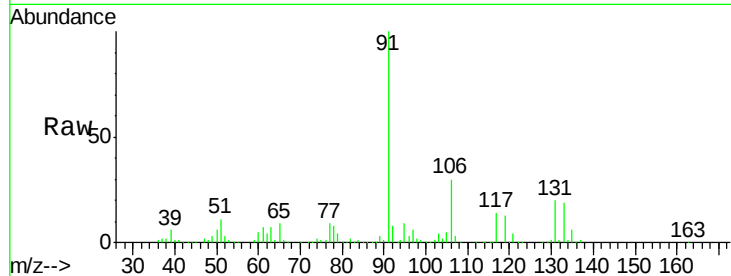
#67
Ethyl Benzene
Concen: 49.308 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 971502
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4

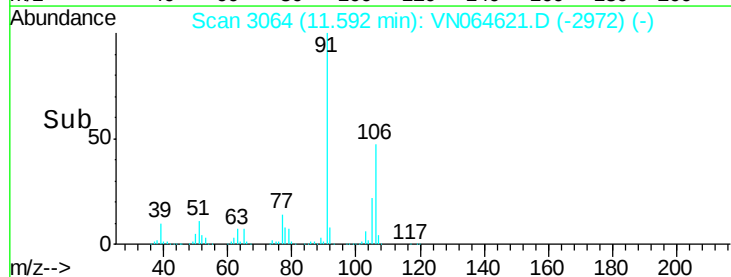
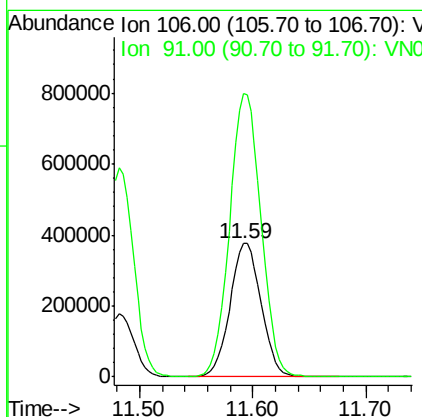
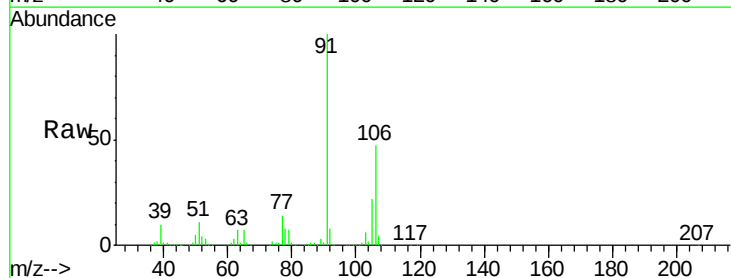
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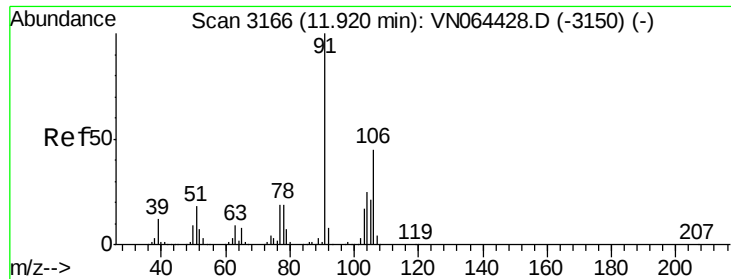
MMDadoda
11/13/2020 11:44:26 AM



#68
m/p-Xylenes
Concen: 100.299 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 106 Resp: 716681
Ion Ratio Lower Upper
106 100
91 214.3 169.4 254.2





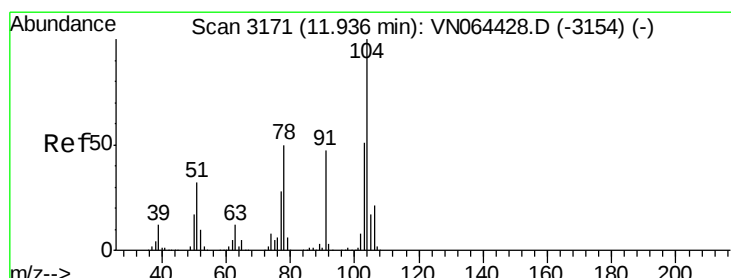
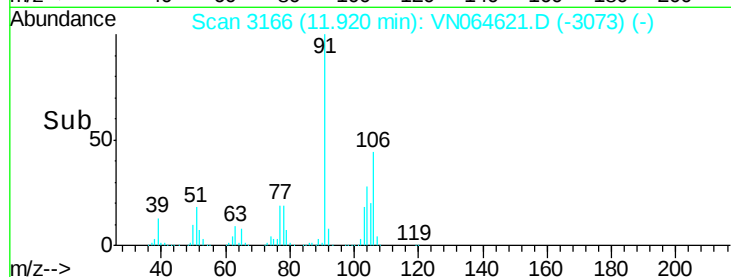
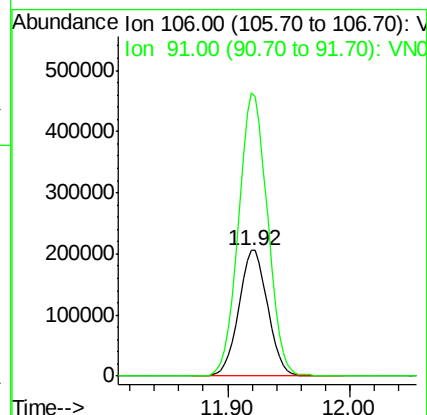
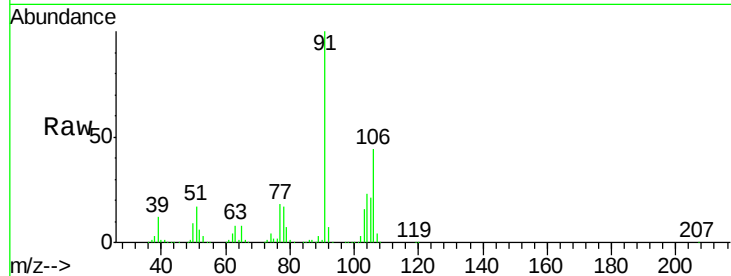
#69
o-Xylene
Concen: 49.011 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	225.7	111.7	334.9

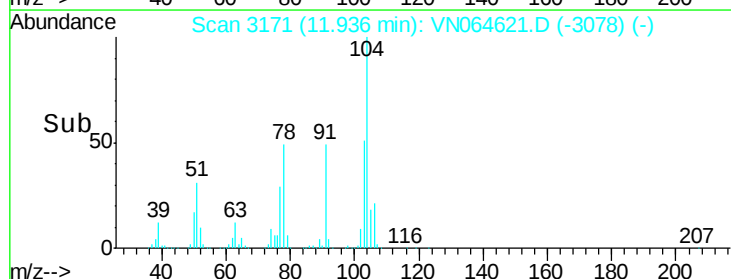
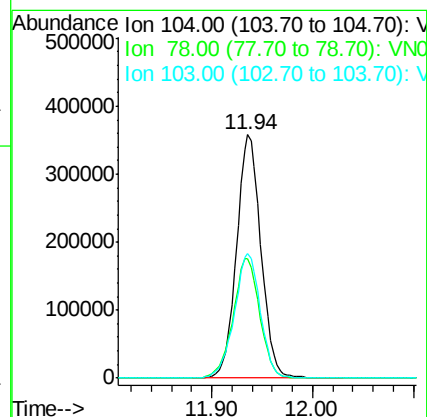
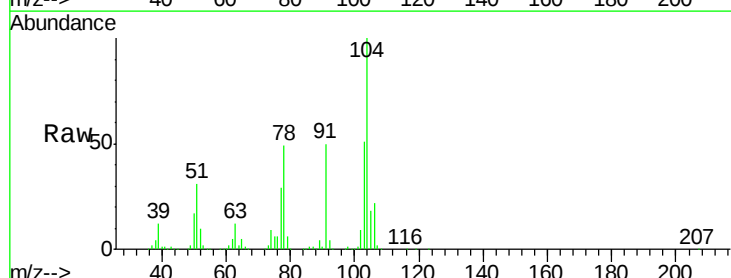
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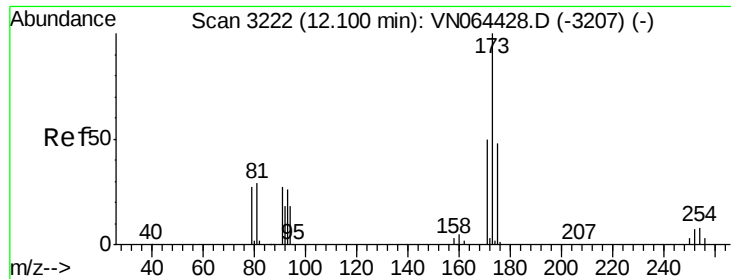
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#70
Styrene
Concen: 51.884 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.7	44.0	66.0
103	54.7	43.8	65.6





#71

Bromoform

Concen: 50.955 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 158182

Ion Ratio Lower Upper

173 100

175 47.9 23.7 71.1

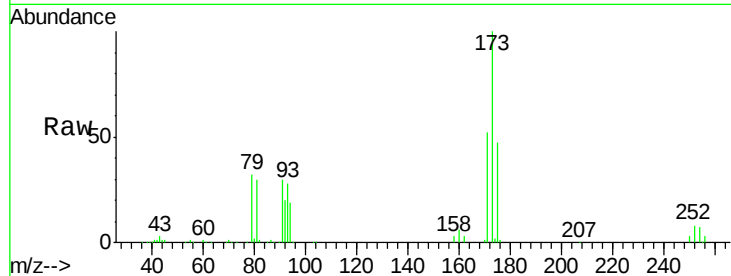
254 0.0 0.0 0.0#

Manual Integrations

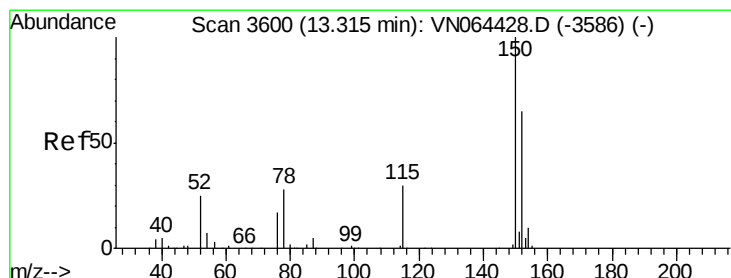
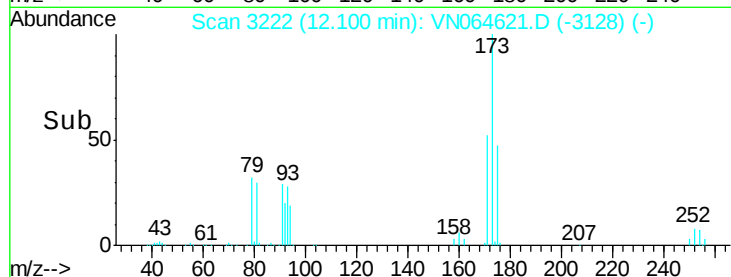
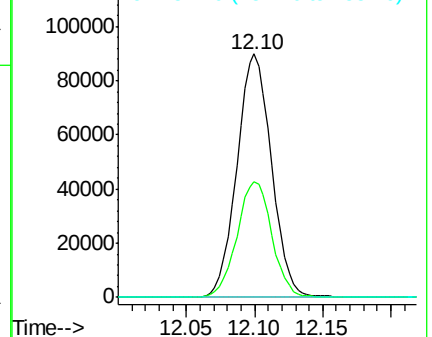
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

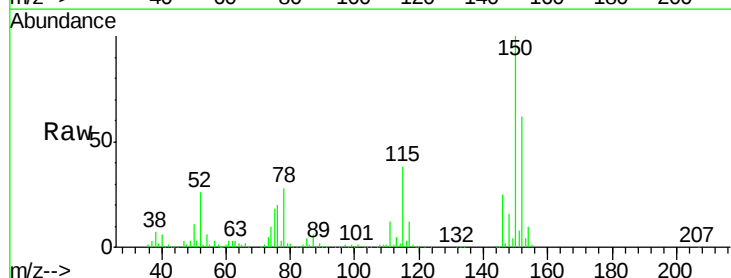
Tgt Ion:152 Resp: 242234

Ion Ratio Lower Upper

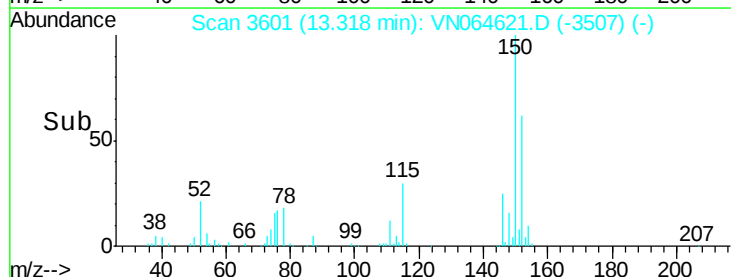
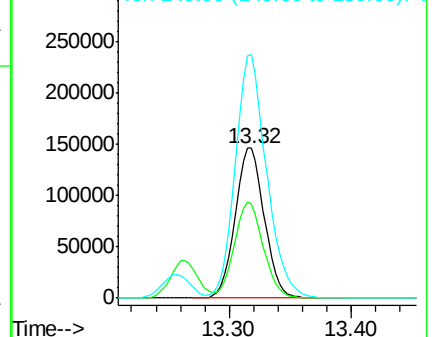
152 100

115 63.9 32.0 96.0

150 174.2 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





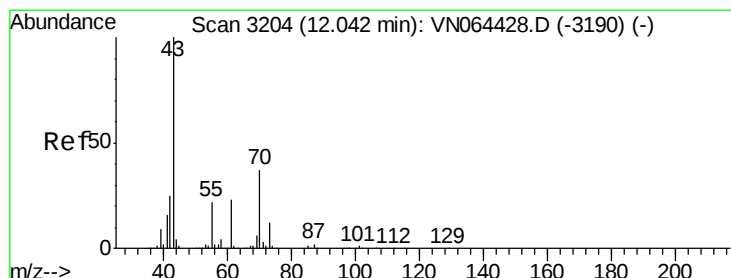
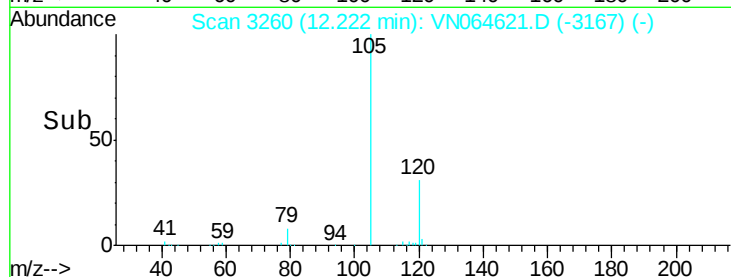
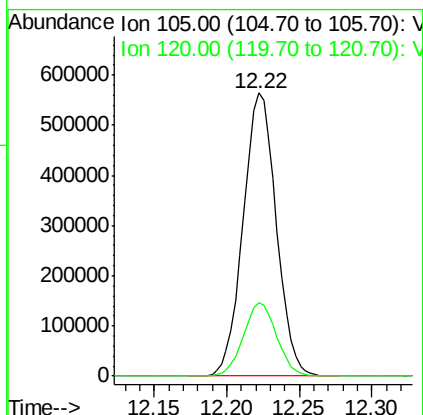
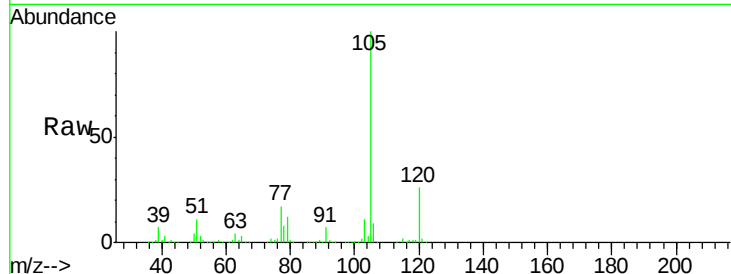
#73
Isopropylbenzene
Concen: 46.695 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.3

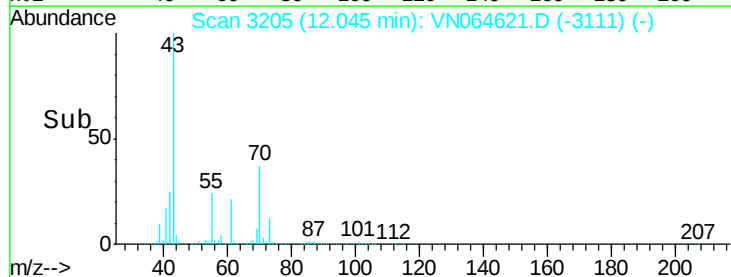
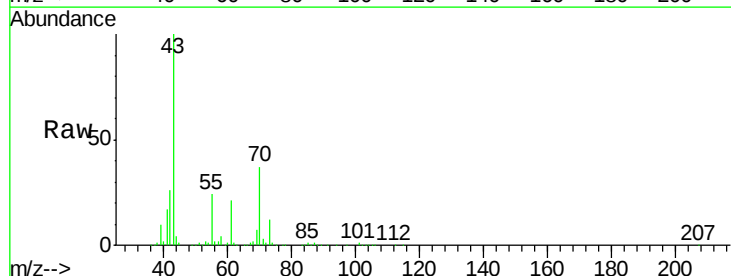
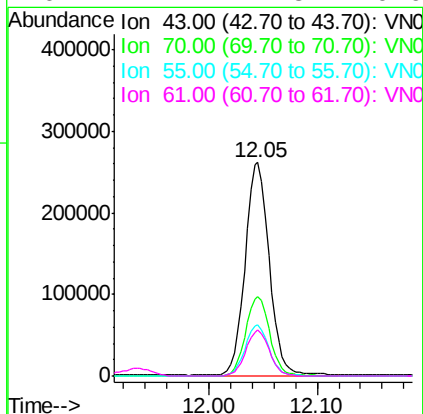
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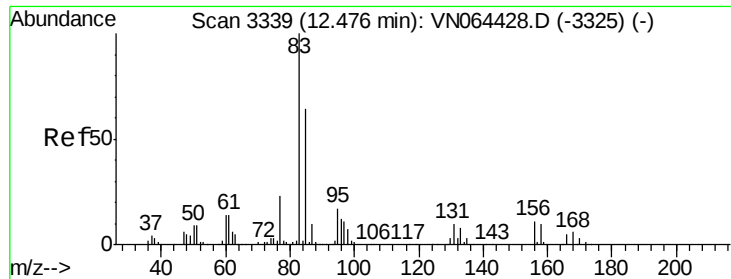
MMDadoda
11/13/2020 11:44:26 AM



#74
N-ethyl acetate
Concen: 43.705 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.3	29.6	44.4
55	23.7	18.4	27.6
61	21.2	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.276 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 297321

Ion Ratio Lower Upper

83 100

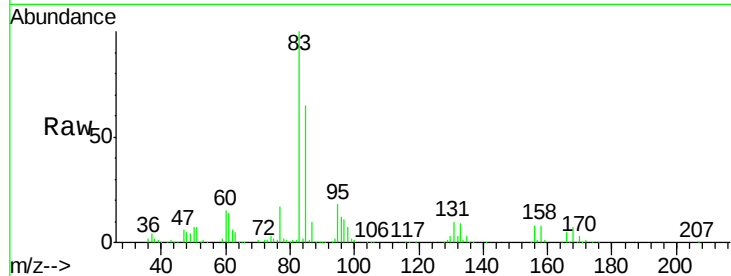
131 10.0 4.9 14.7

85 65.0 32.1 96.5

Manual Integrations
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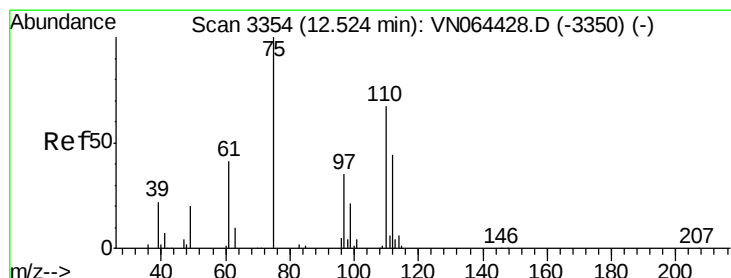
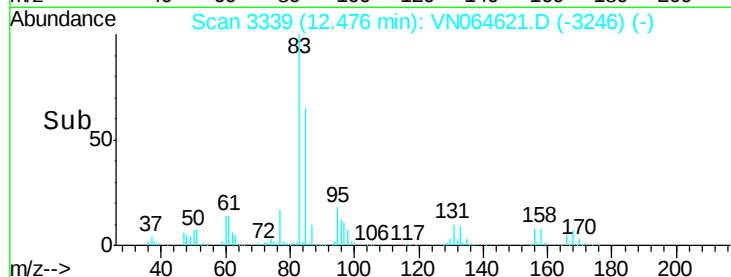
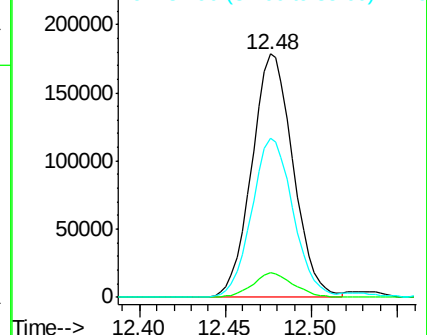
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Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 46.269 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064621.D

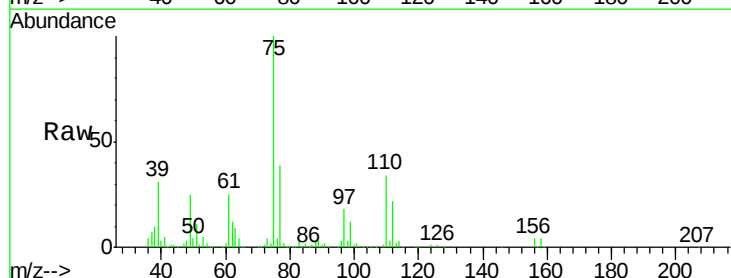
Acq: 13 Nov 2020 8:35

Tgt Ion: 75 Resp: 271558

Ion Ratio Lower Upper

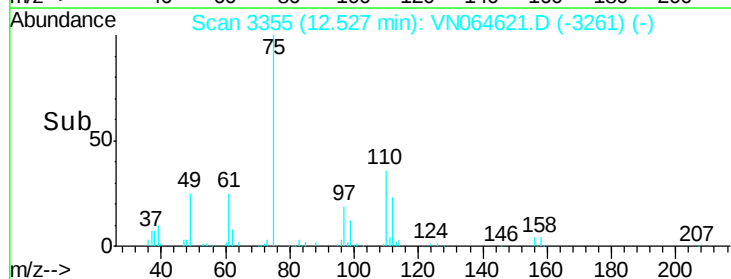
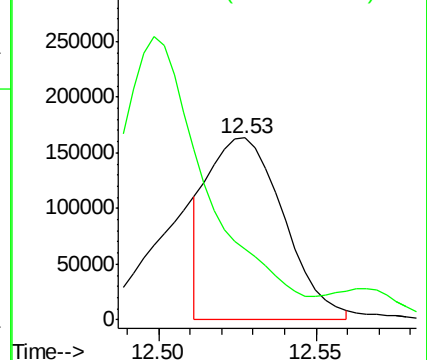
75 100

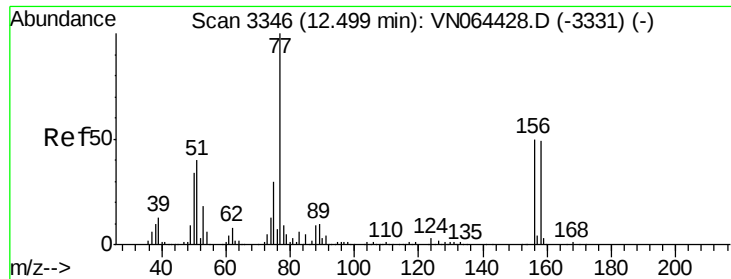
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.260 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

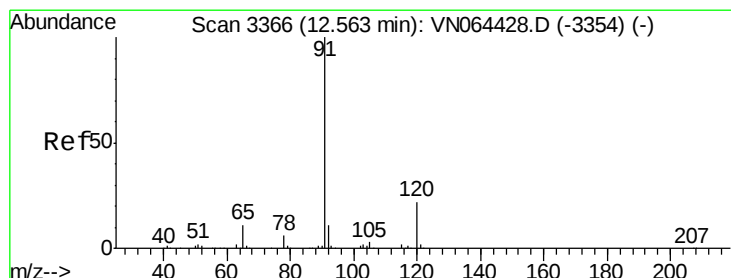
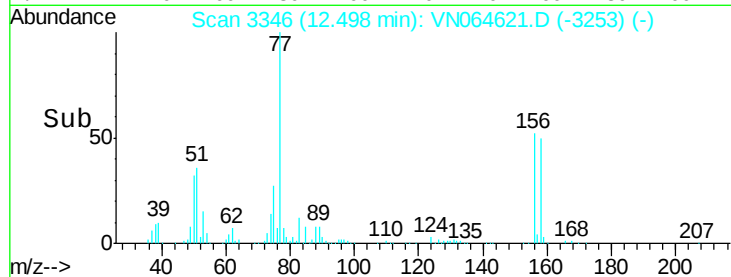
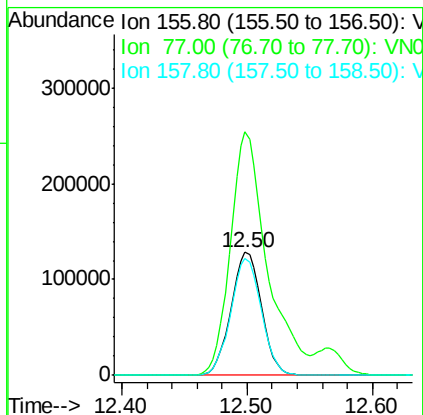
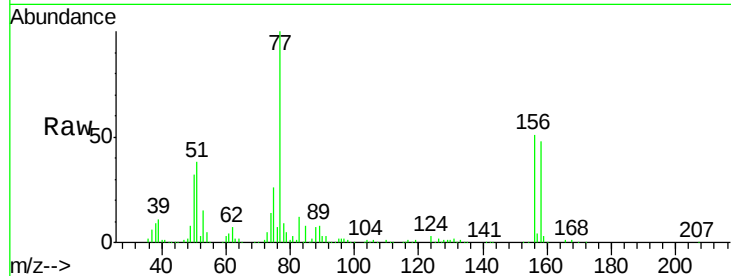
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
217451	156	100		
237.6	77		119.0	357.0
95.4	158		48.4	145.3

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#78

n-propylbenzene

Concen: 47.536 ug/l

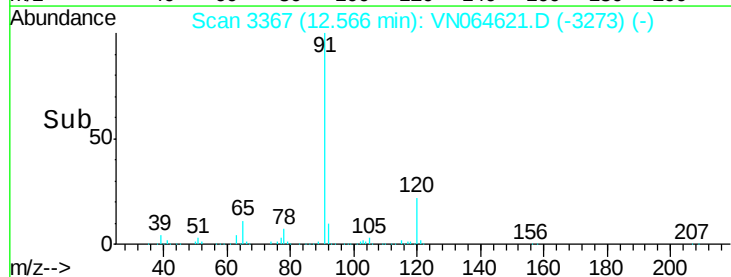
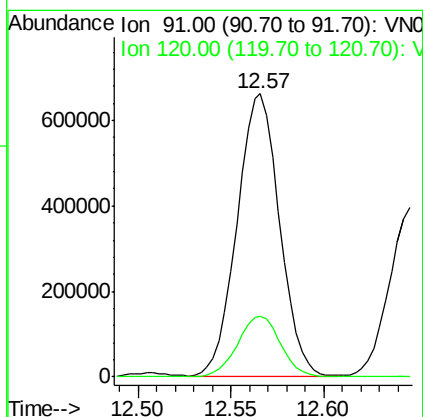
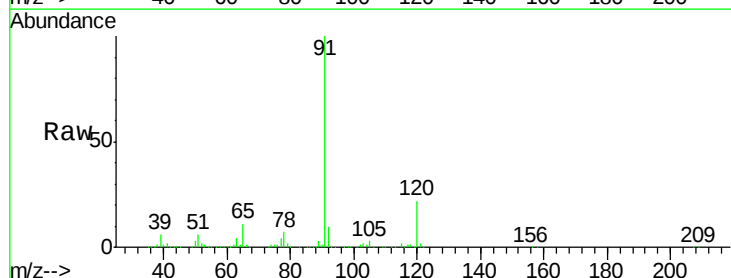
RT: 12.57 min Scan# 3367

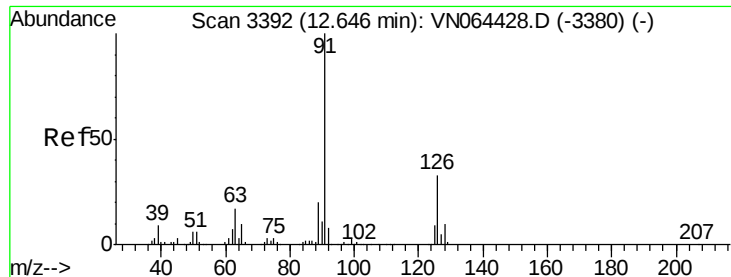
Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Tgt Ion	Ion	Ratio	Lower	Upper
1043446	91	100		
21.8	120		11.0	33.0





#79

2-Chlorotoluene

Concen: 47.016 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 654548

Ion Ratio Lower Upper

91 100

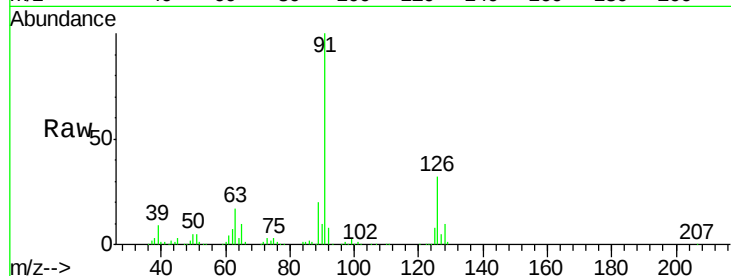
126 32.7 16.4 49.1

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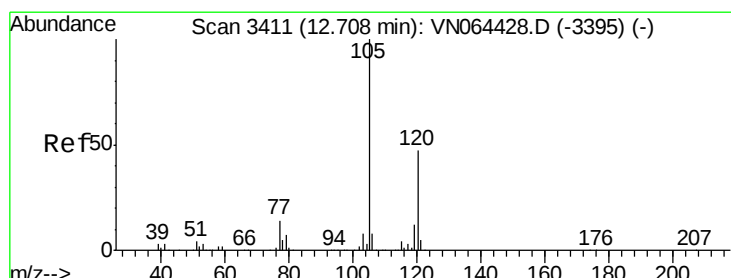
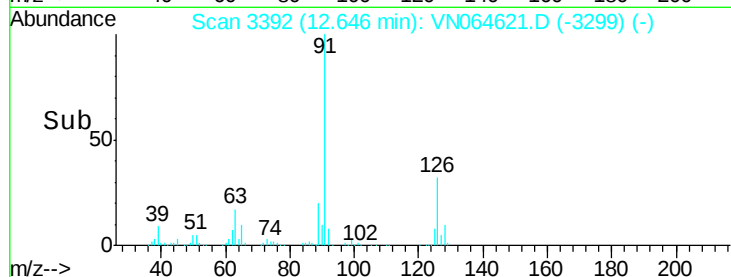
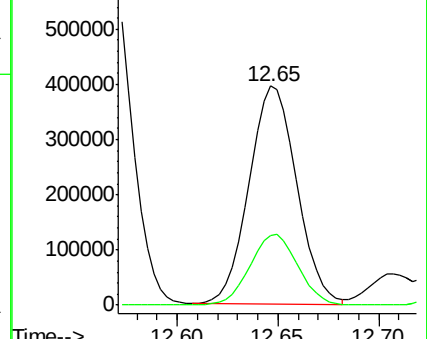
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Abundance Ion 91.00 (90.70 to 91.70): VN064621.D (-3299) (-)

Ion 125.90 (125.60 to 126.60): VN064621.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.465 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064621.D

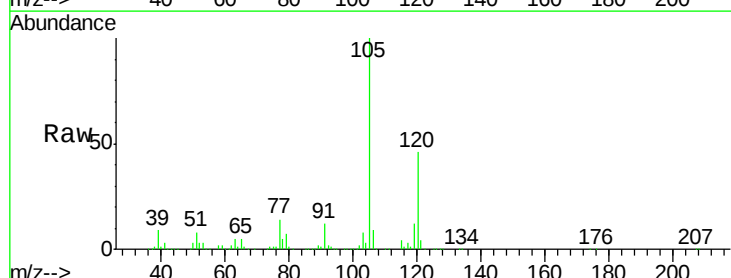
Acq: 13 Nov 2020 8:35

Tgt Ion: 105 Resp: 769801

Ion Ratio Lower Upper

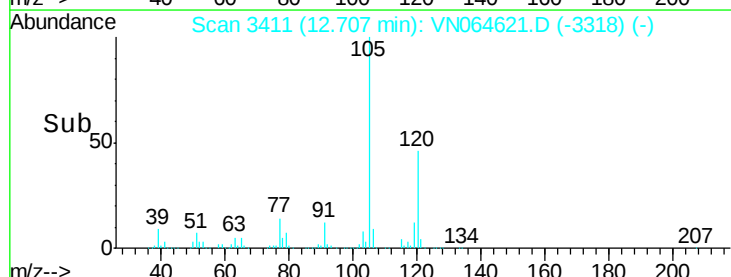
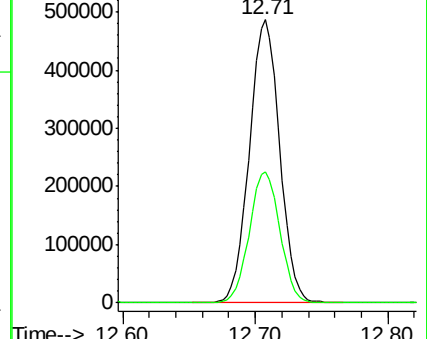
105 100

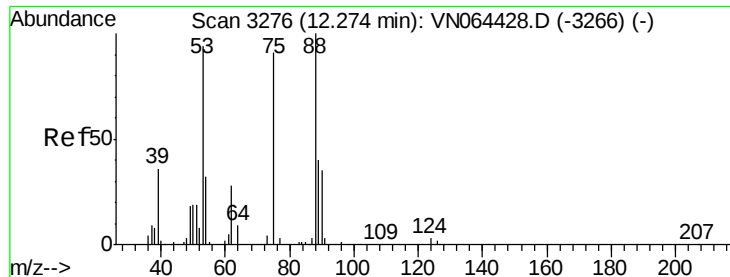
120 46.5 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064621.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN064621.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.970 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

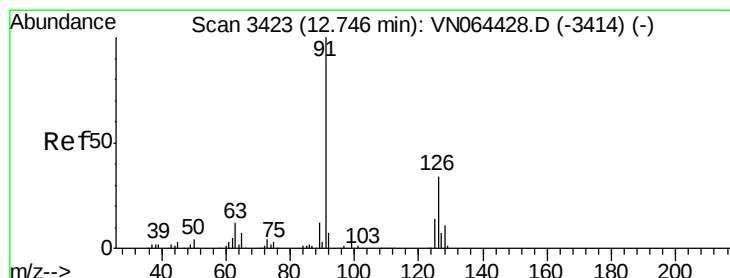
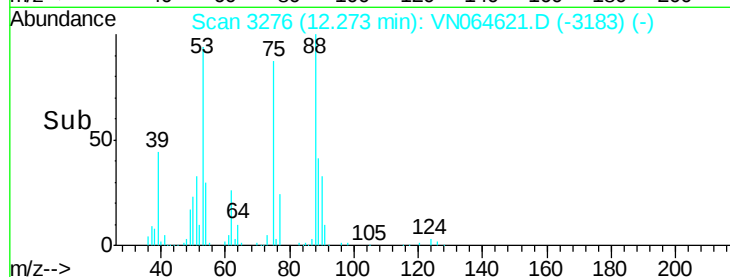
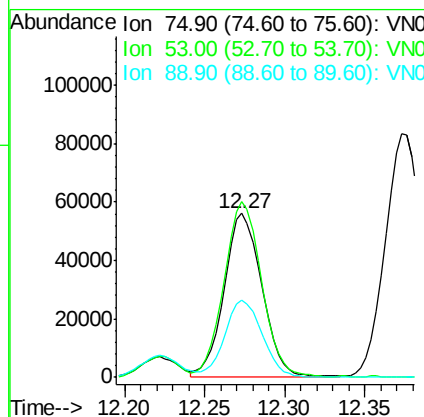
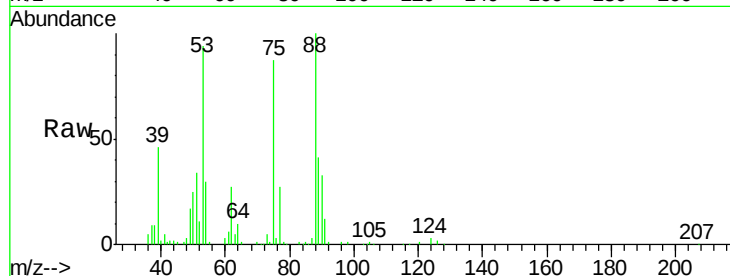
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	90324
Ion Ratio	Lower	Upper	
75	100		
53	106.0	84.0	126.0
89	46.7	36.3	54.5

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#82

4-Chlorotoluene

Concen: 46.994 ug/l

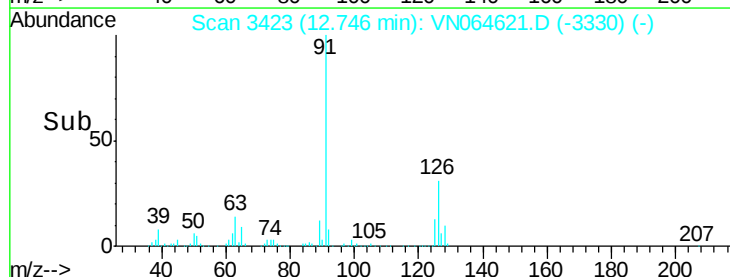
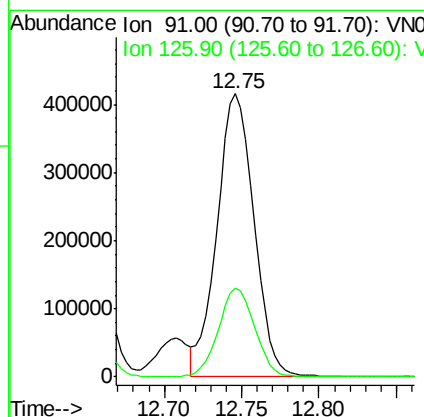
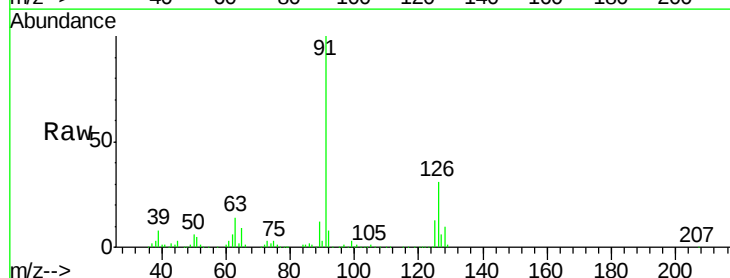
RT: 12.75 min Scan# 3423

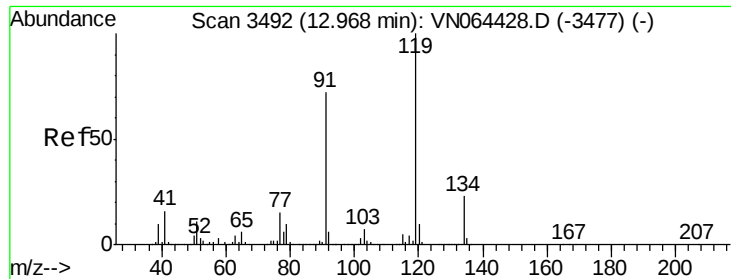
Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Tgt Ion:	91	Resp:	685171
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.4	46.2





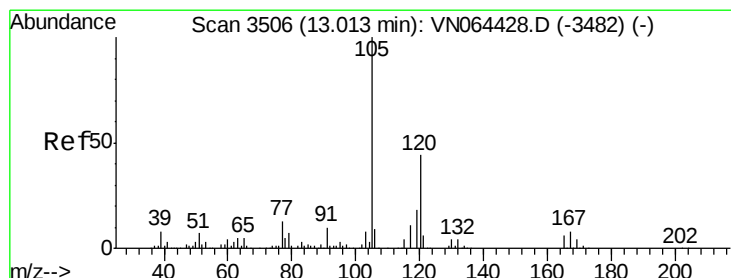
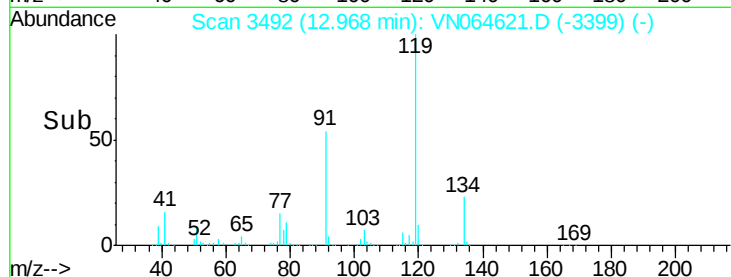
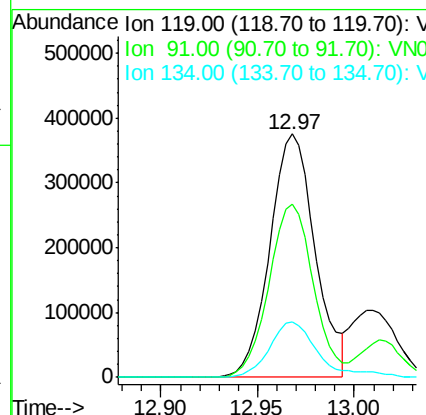
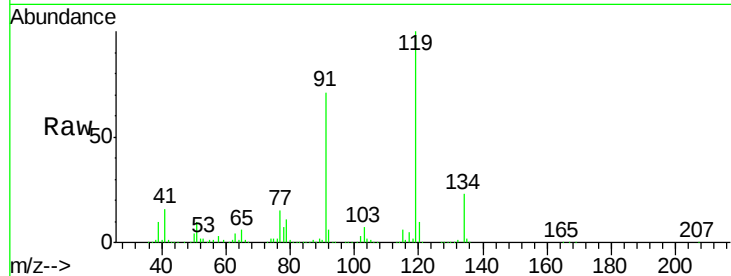
#83
tert-Butylbenzene
Concen: 49.502 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.1	36.1	108.3
134	24.5	11.7	35.1

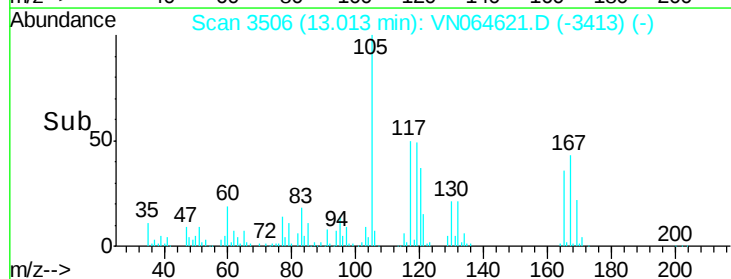
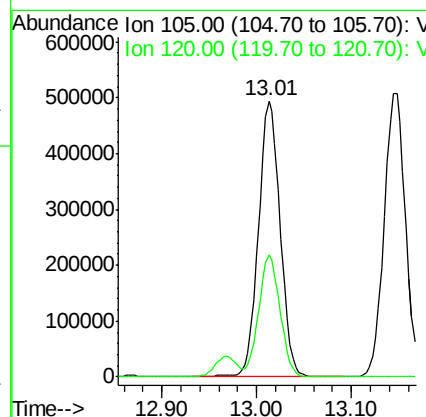
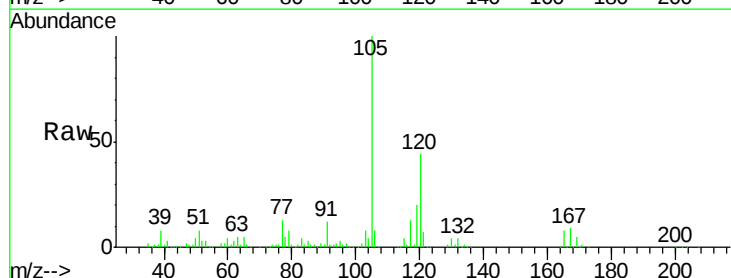
Manual Integrations
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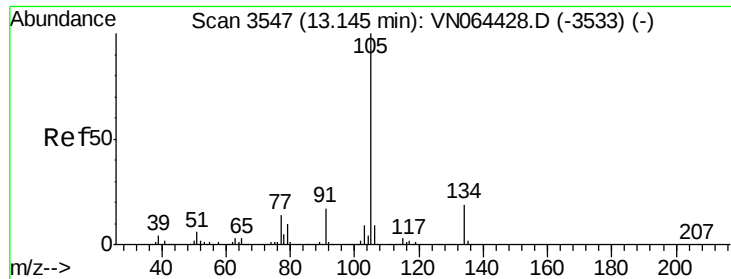
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#84
1,2,4-Trimethylbenzene
Concen: 49.378 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.9	65.7





#85

sec-Butylbenzene

Concen: 50.481 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 793112

Ion Ratio Lower Upper

105 100

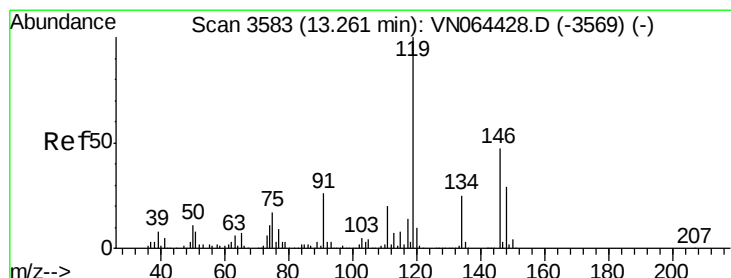
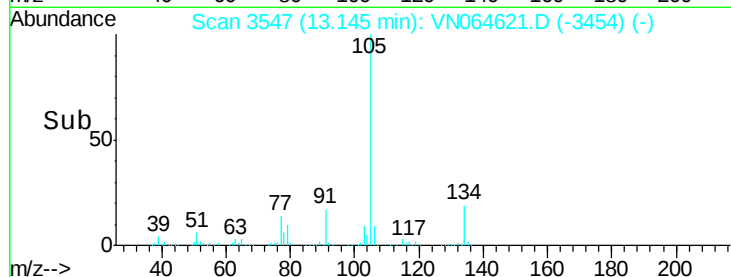
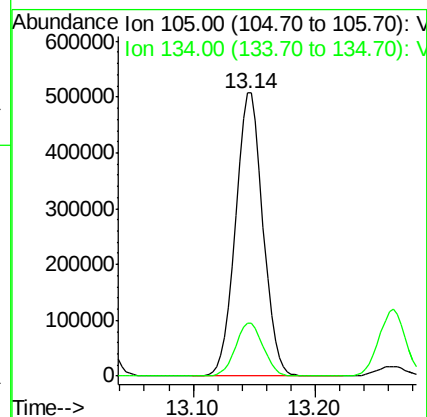
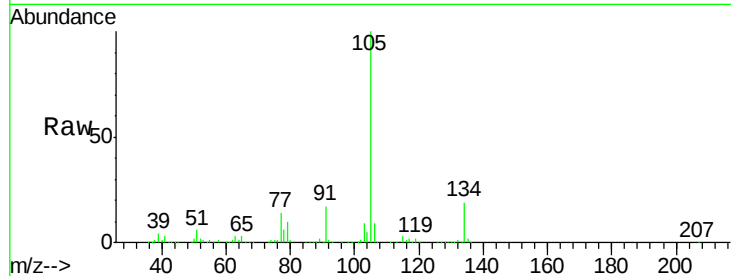
134 19.1 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 50.108 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

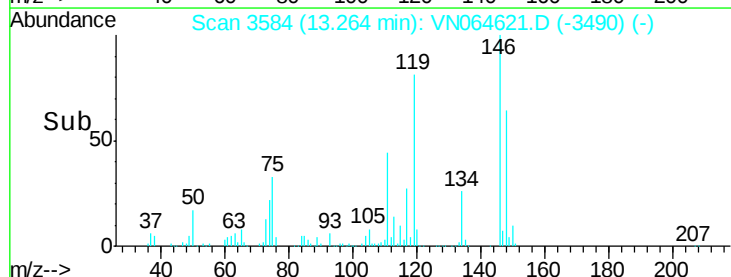
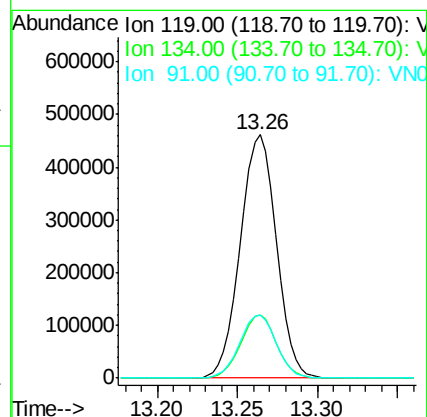
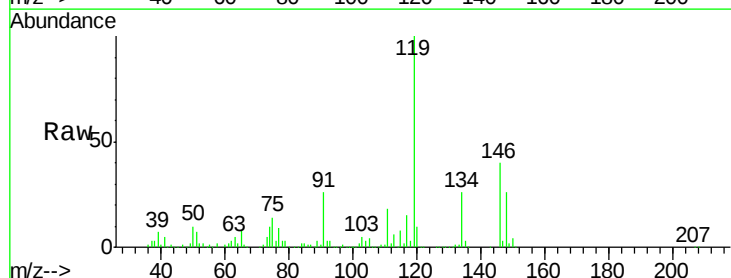
Tgt Ion:119 Resp: 708119

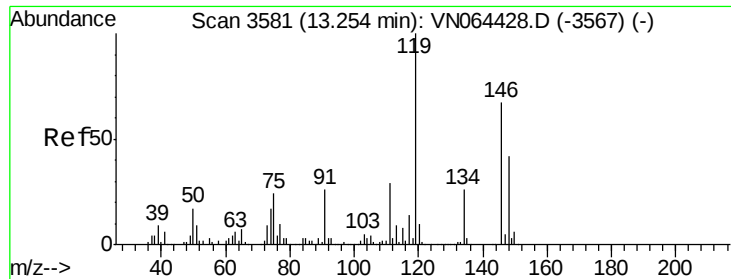
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 26.2 12.8 38.3





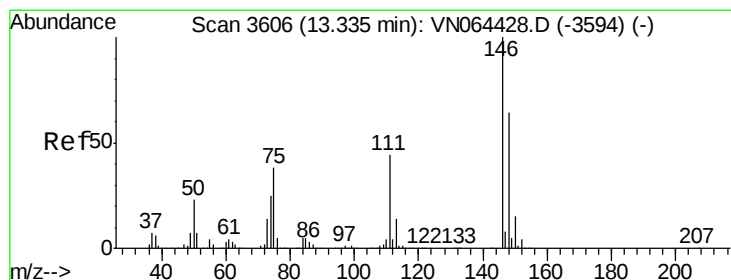
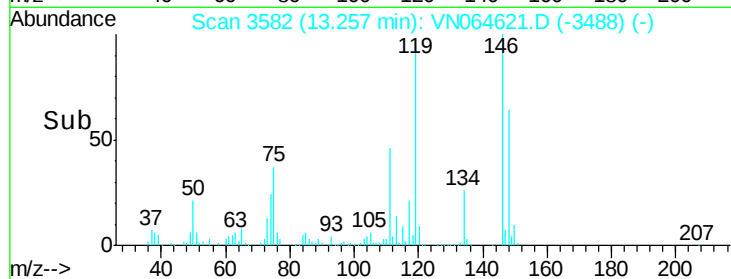
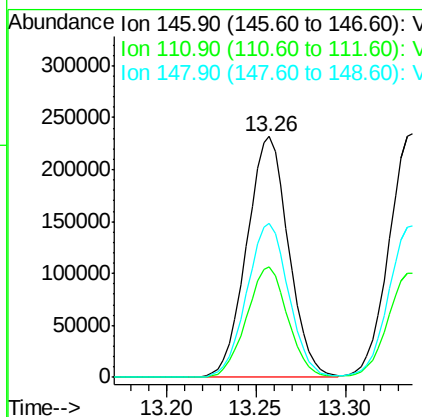
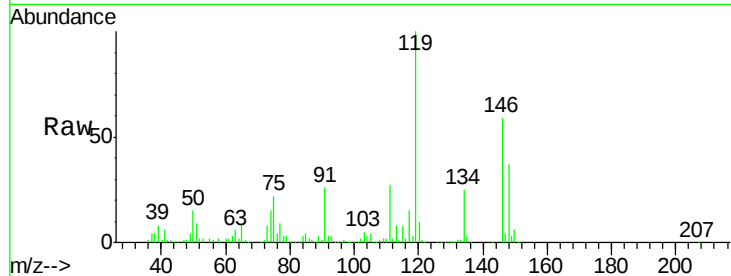
#87
 1,3-Dichlorobenzene
 Concen: 46.831 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	380533		
111	45.1	22.1	66.1	
148	63.8	31.7	95.1	

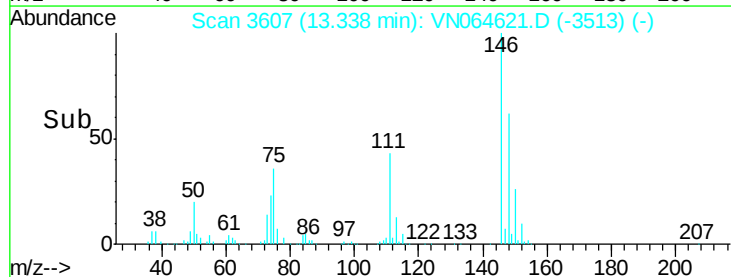
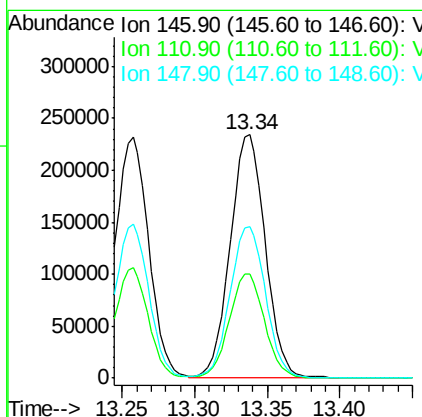
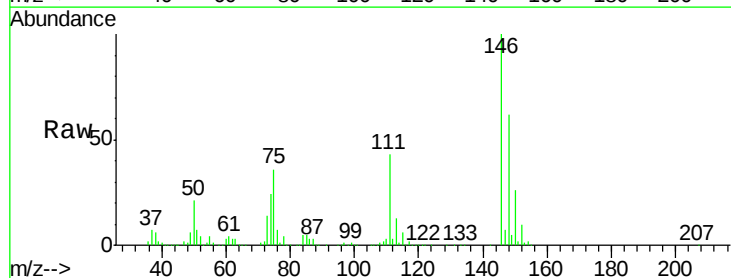
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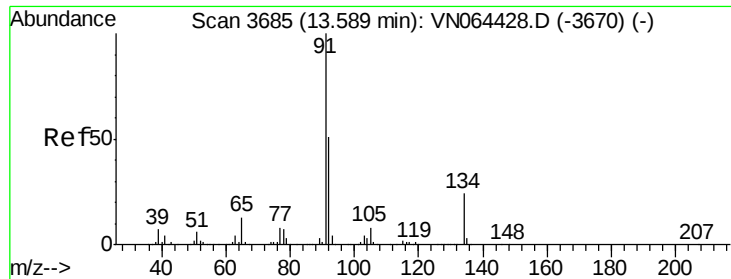
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#88
 1,4-Dichlorobenzene
 Concen: 46.608 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	391382		
111	43.1	21.8	65.3	
148	63.1	32.4	97.2	





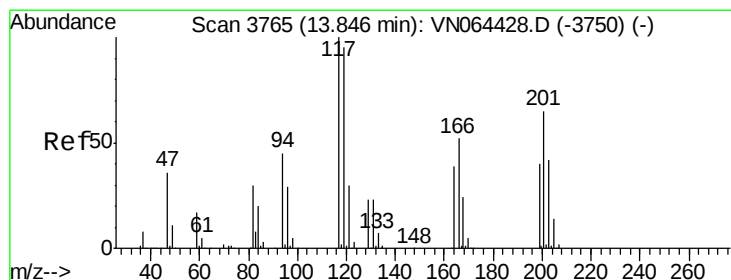
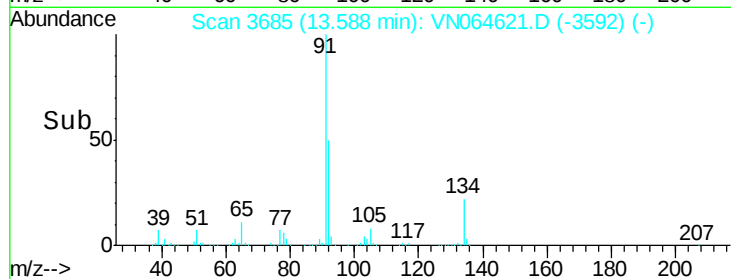
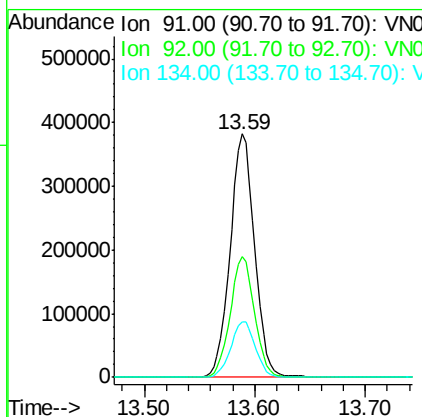
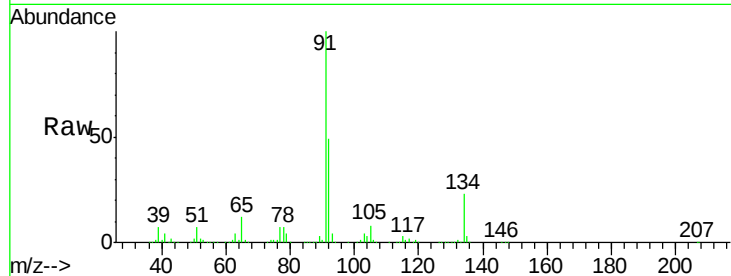
#89
n-Butylbenzene
Concen: 48.229 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.5	25.3	75.9
134	23.1	11.8	35.4

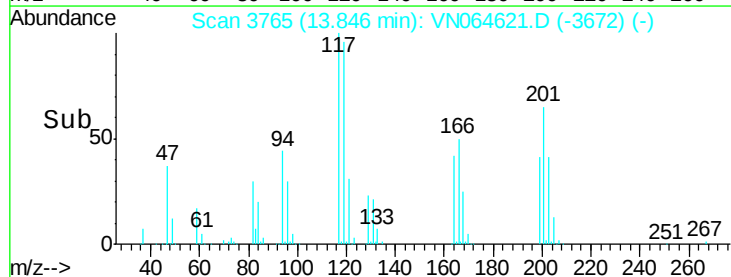
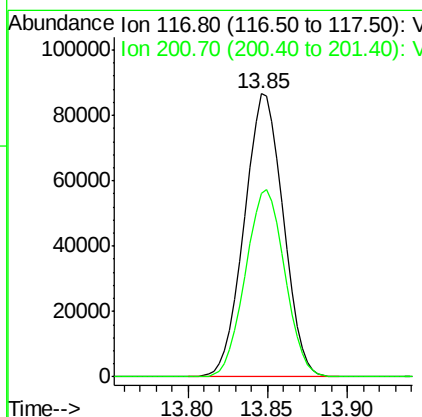
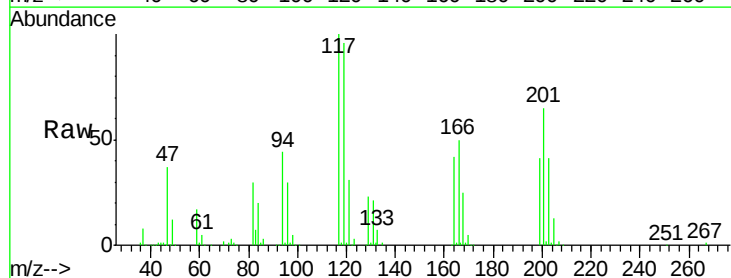
Manual Integrations
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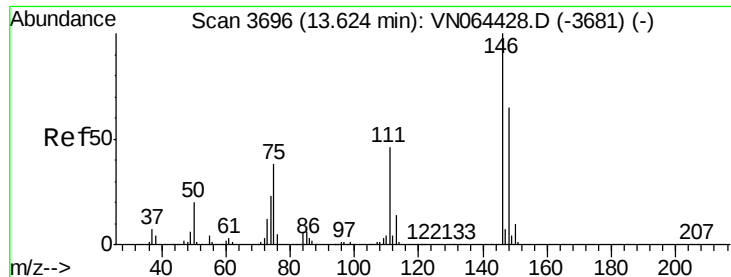
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#90
Hexachloroethane
Concen: 52.929 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.7	32.5	97.5





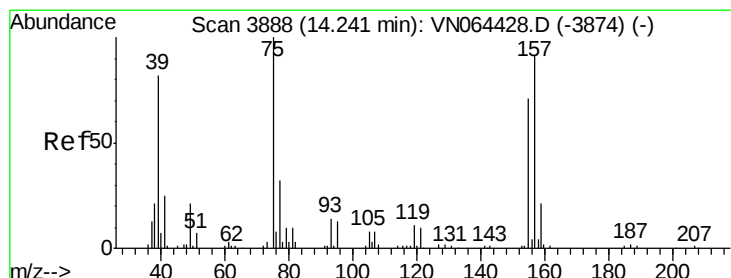
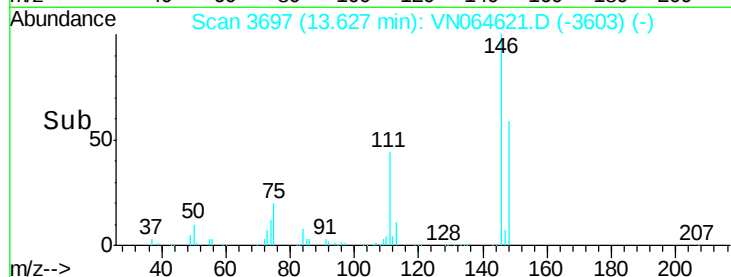
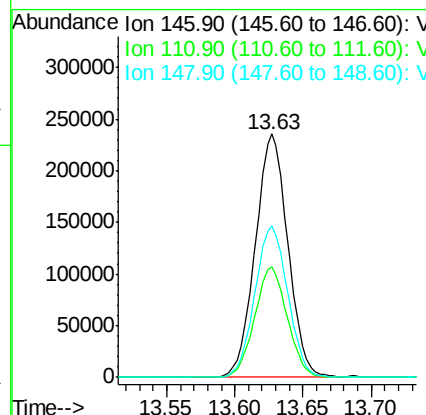
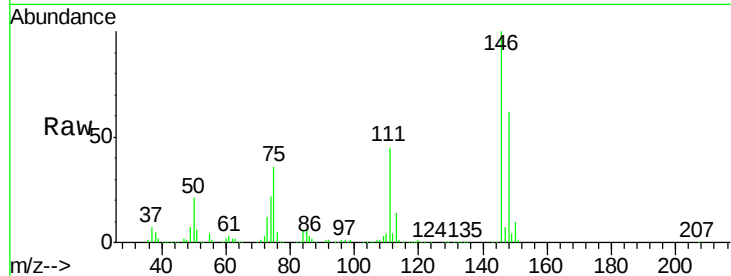
#91
 1,2-Dichlorobenzene
 Concen: 49.998 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.9	68.7
148	62.9	32.0	96.2

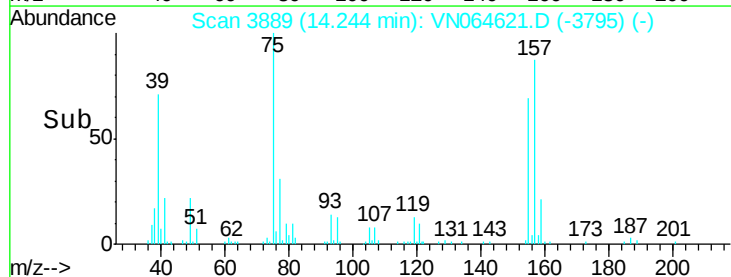
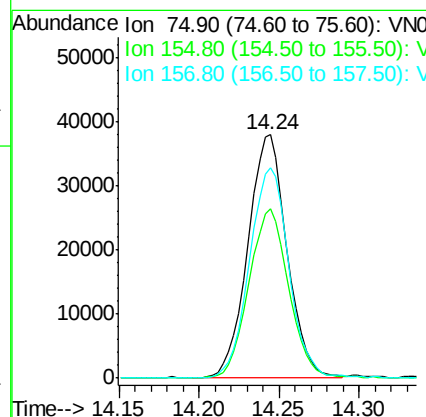
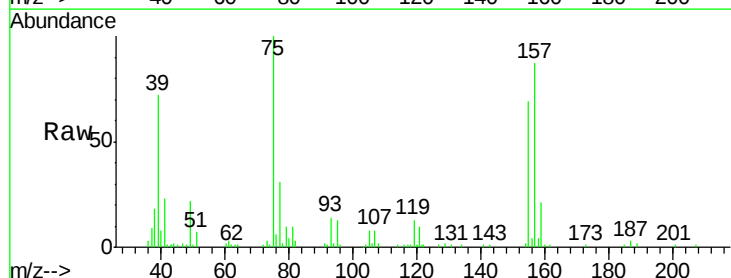
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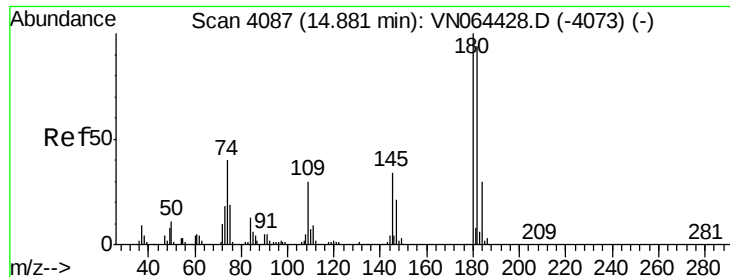
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.893 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.9	34.6	103.9
157	87.1	43.0	128.8





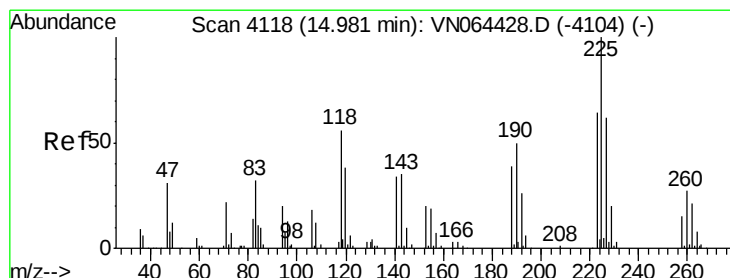
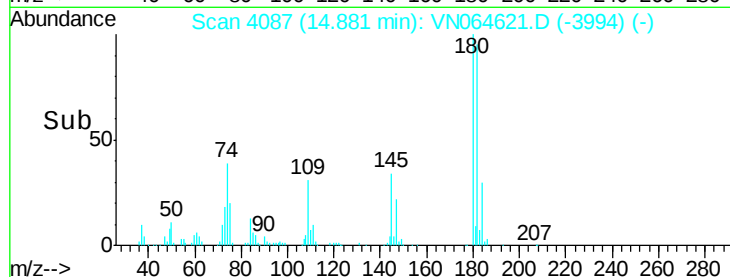
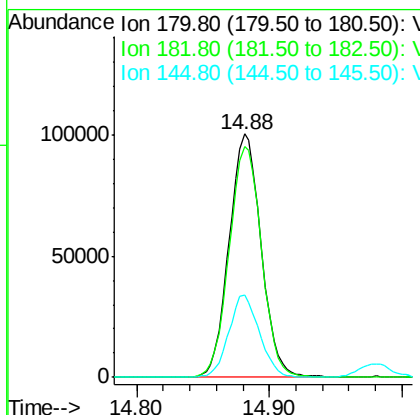
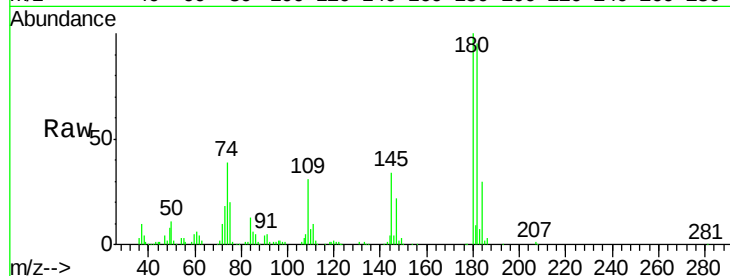
#93
 1,2,4-Trichlorobenzene
 Concen: 43.700 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	168482		
182	95.7	47.3	142.0	
145	32.6	16.7	50.1	

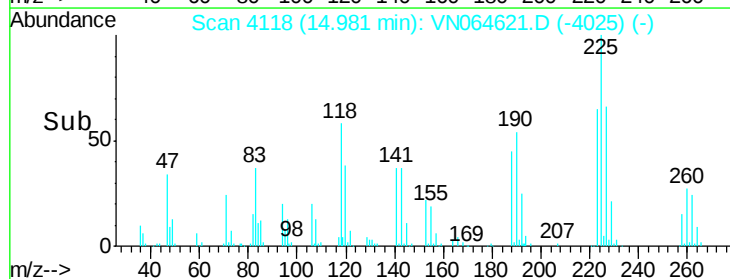
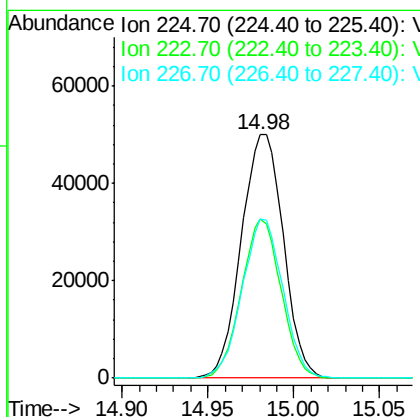
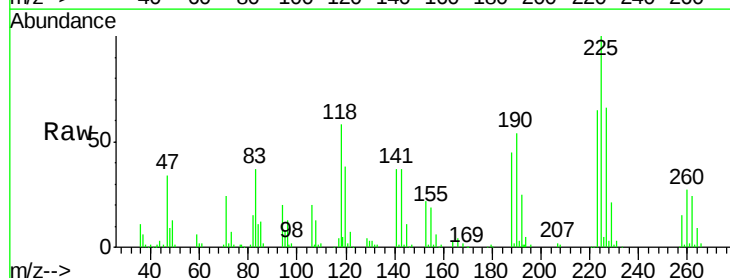
Manual Integrations
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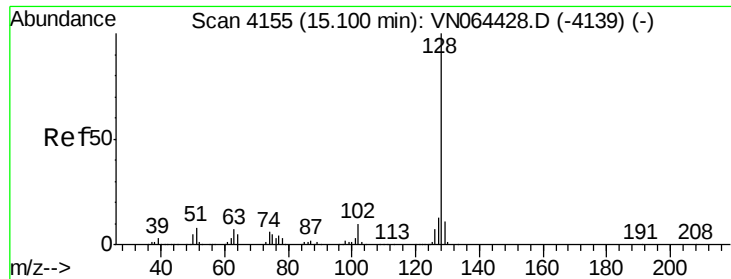
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#94
 Hexachlorobutadiene
 Concen: 53.379 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84946		
223	61.7	31.8	95.4	
227	63.3	31.8	95.4	





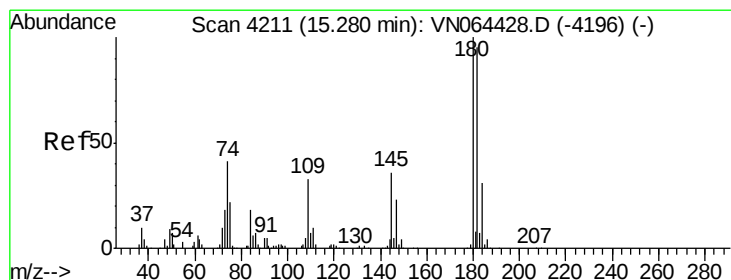
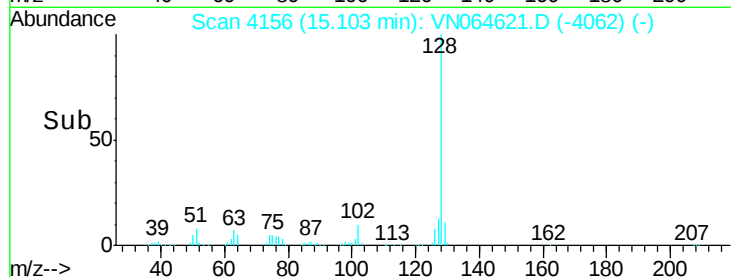
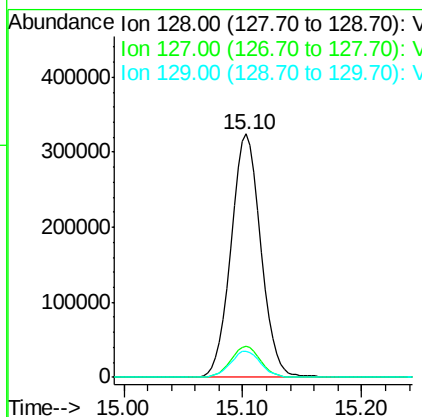
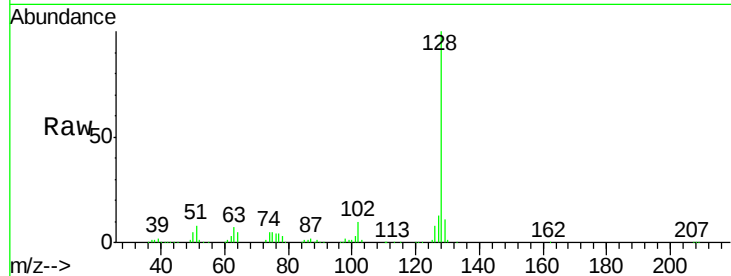
#95
Naphthalene
Concen: 42.927 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.700 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.7	143.1
145	33.9	18.3	54.8

