

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061475.D
 Acq On : 19 May 2020 11:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/22/2020 11:28:47 AM

Quant Time: May 20 08:56:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	302080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	534394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	511194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	251471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	213569	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	7.54	113	141230	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.06	98	672022	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.37	95	259981	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	126591	50.399	ug/l	100
3) Chloromethane	2.03	50	186501	45.523	ug/l	100
4) Vinyl Chloride	2.16	62	281650	48.036	ug/l	100
5) Bromomethane	2.53	94	156495	53.023	ug/l	97
6) Chloroethane	2.67	64	184078	46.645	ug/l	99
7) Trichlorofluoromethane	2.98	101	359996	50.573	ug/l	100
8) Diethyl Ether	3.37	74	97613	47.079	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	148381	50.126	ug/l	99
10) Methyl Iodide	3.91	142	175288	48.754	ug/l	100
11) Tert butyl alcohol	4.73	59	132974	255.980	ug/l	99
12) 1,1-Dichloroethene	3.69	96	149059	48.139	ug/l	95
13) Acrolein	3.56	56	81889	218.517	ug/l	99
14) Allyl chloride	4.27	41	216711	43.005	ug/l	91
15) Acrylonitrile	4.92	53	362948	235.830	ug/l	100
16) Acetone	3.77	43	344893	301.379	ug/l	99
17) Carbon Disulfide	4.01	76	333947	50.281	ug/l	100
18) Methyl Acetate	4.27	43	144981	46.824	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	562160	47.842	ug/l	98
20) Methylene Chloride	4.50	84	176288	47.578	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	177789	49.794	ug/l	99
22) Diisopropyl ether	5.90	45	541931	47.858	ug/l	97
23) Vinyl Acetate	5.84	43	2165173	240.448	ug/l	98
24) 1,1-Dichloroethane	5.79	63	323112	48.921	ug/l	99
25) 2-Butanone	6.78	43	498865	243.027	ug/l	96
26) 2,2-Dichloropropane	6.77	77	314445	49.941	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	217809	51.643	ug/l	95
28) Bromochloromethane	7.15	49	139135	49.629	ug/l	93
29) Tetrahydrofuran	7.16	42	309952	227.997	ug/l	95
30) Chloroform	7.33	83	356237	51.640	ug/l	100
31) Cyclohexane	7.61	56	280598	48.159	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	323966	51.392	ug/l	98
36) 1,1-Dichloropropene	7.75	75	262899	52.613	ug/l	99
37) Ethyl Acetate	6.88	43	207080	45.697	ug/l	100
38) Carbon Tetrachloride	7.73	117	254428	55.297	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	293176	48.037	ug/l	97
40) Benzene	8.00	78	789847	52.452	ug/l	99
41) Methacrylonitrile	7.12	41	90647	47.361	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	277476	51.145	ug/l	99
43) Isopropyl Acetate	8.12	43	382603	48.409	ug/l	99
44) Trichloroethene	8.80	130	220970	56.003	ug/l	99
45) 1,2-Dichloropropane	9.08	63	196945	52.252	ug/l	99
46) Dibromomethane	9.17	93	139756	52.892	ug/l	97
47) Bromodichloromethane	9.37	83	294522	52.904	ug/l	98
48) Methyl methacrylate	9.16	41	170950	46.821	ug/l	97
49) 1,4-Dioxane	9.16	88	47900	1257.001	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1070828	248.710	ug/l	99
52) Toluene	10.12	92	532767	55.108	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	327605	53.690	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	345049	53.196	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	199505	54.584	ug/l	98
56) Ethyl methacrylate	10.40	69	307296	53.778	ug/l	97
57) 1,3-Dichloropropane	10.68	76	337686	53.460	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	435405	173.593	ug/l	97
59) 2-Hexanone	10.72	43	800674	257.038	ug/l	99
60) Dibromochloromethane	10.87	129	225522	55.780	ug/l	99
61) 1,2-Dibromoethane	10.98	107	211378	55.003	ug/l	100
64) Tetrachloroethene	10.60	164	210795	53.301	ug/l	98
65) Chlorobenzene	11.40	112	561245	53.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	205387	54.958	ug/l	98
67) Ethyl Benzene	11.48	91	1040635	54.688	ug/l	97
68) m/p-Xylenes	11.59	106	806269	111.629	ug/l	98
69) o-Xylene	11.92	106	383524	54.871	ug/l	97
70) Styrene	11.94	104	662941	57.276	ug/l	98
71) Bromoform	12.10	173	145796	50.162	ug/l #	98
73) Isopropylbenzene	12.22	105	1000462	49.557	ug/l	99
74) N-amyl acetate	12.04	43	346088	46.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	268580	48.356	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	230573m	42.731	ug/l	
77) Bromobenzene	12.50	156	232168	52.991	ug/l	93
78) n-propylbenzene	12.56	91	1149226	49.962	ug/l	98
79) 2-Chlorotoluene	12.65	91	678171	49.880	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	836696	50.618	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	100982	49.645	ug/l	97
82) 4-Chlorotoluene	12.75	91	727234	51.657	ug/l	99
83) tert-Butylbenzene	12.97	119	678808	47.942	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	853188	51.575	ug/l	99
85) sec-Butylbenzene	13.15	105	908562	47.455	ug/l	100
86) p-Isopropyltoluene	13.26	119	839462	49.377	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	432632	53.956	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	438697	54.632	ug/l	99
89) n-Butylbenzene	13.59	91	731580	47.365	ug/l	99
90) Hexachloroethane	13.85	117	109697	47.609	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	407566	52.990	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54257	48.359	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	220257	52.814	ug/l	99
94) Hexachlorobutadiene	14.98	225	78022	42.105	ug/l	99
95) Naphthalene	15.10	128	711931	53.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	205569	49.515	ug/l	99

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

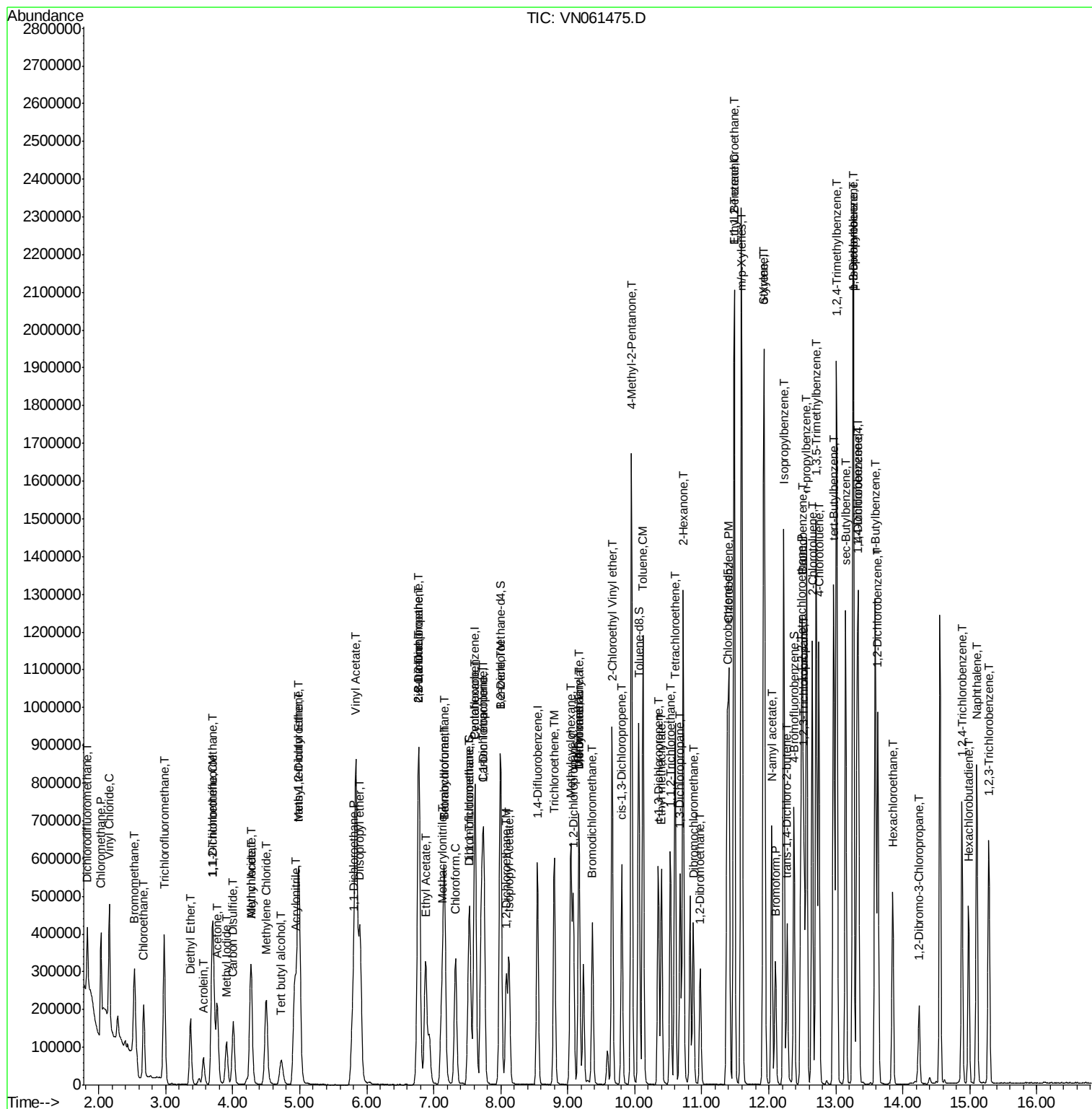
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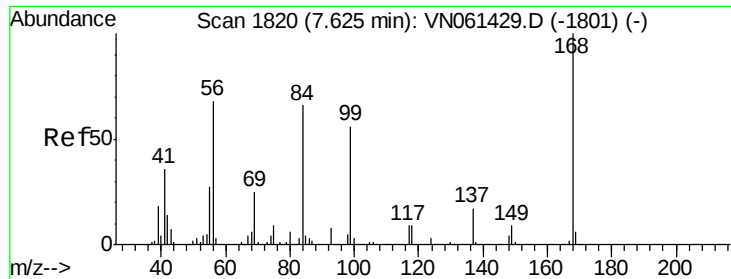
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 302080

Ion Ratio Lower Upper

168 100

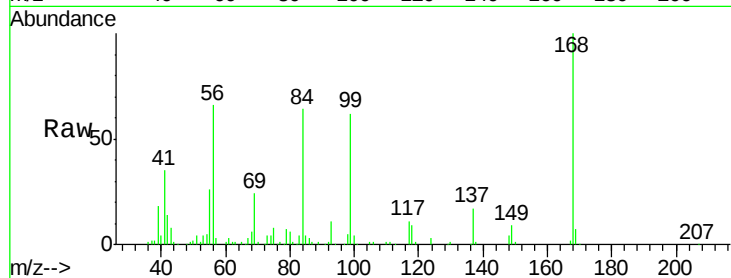
99 61.6 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

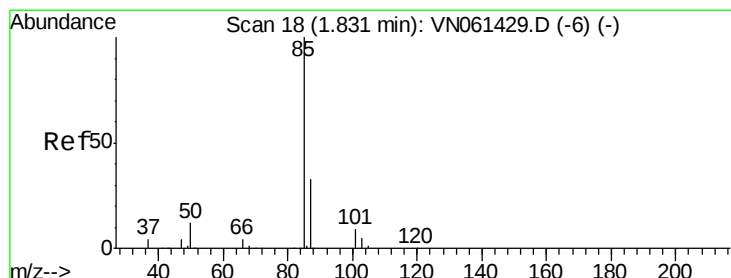
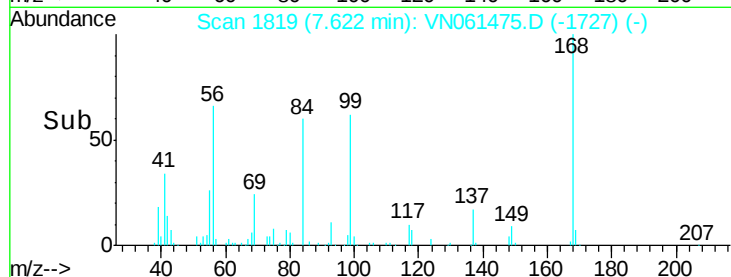
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 50.399 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061475.D

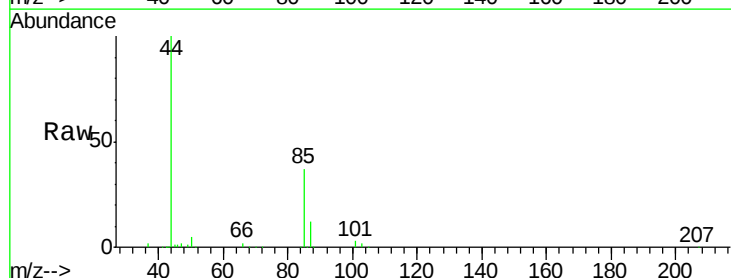
Acq: 19 May 2020 11:28

Tgt Ion: 85 Resp: 126591

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

100000

80000

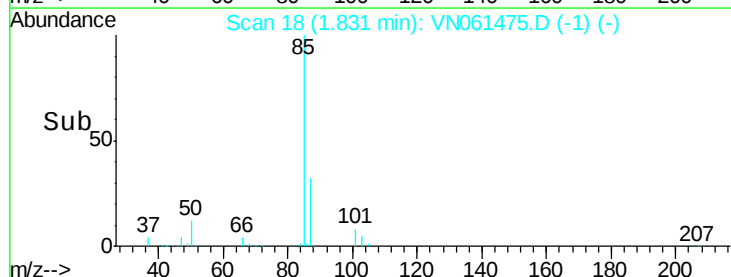
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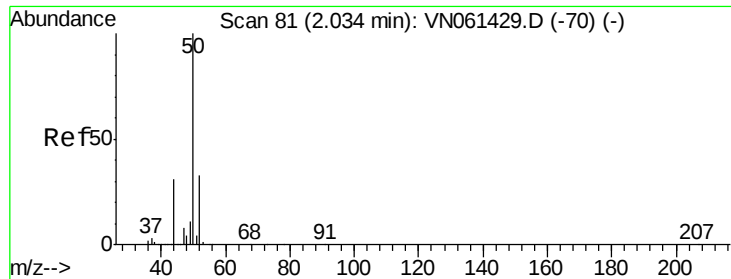
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 45.523 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 186501

Ion Ratio Lower Upper

50 100

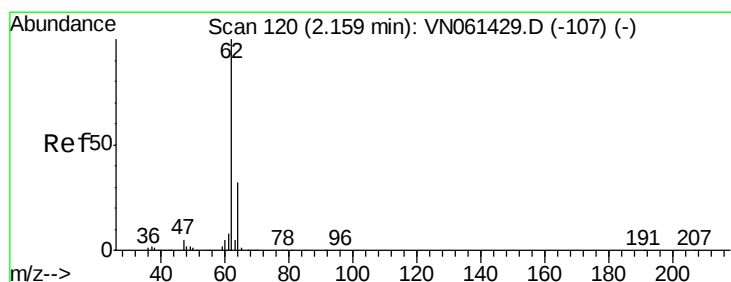
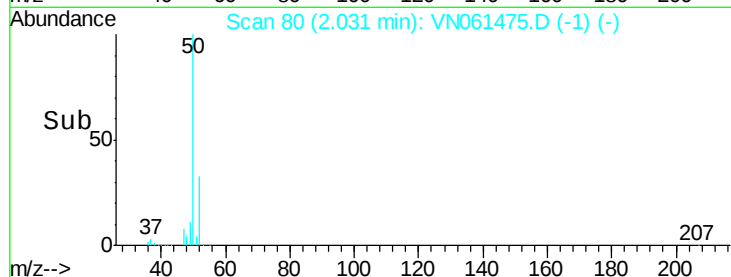
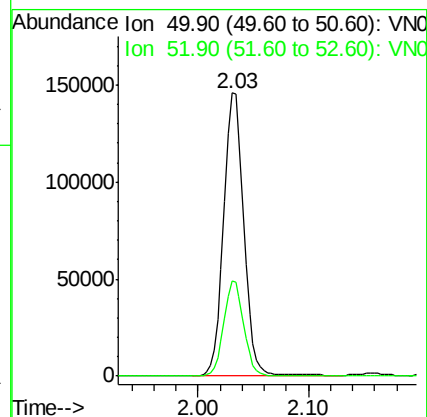
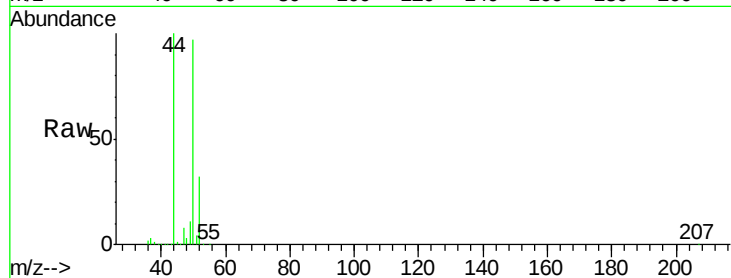
52 33.4 26.7 40.1

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#4

Vinyl Chloride

Concen: 48.036 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061475.D

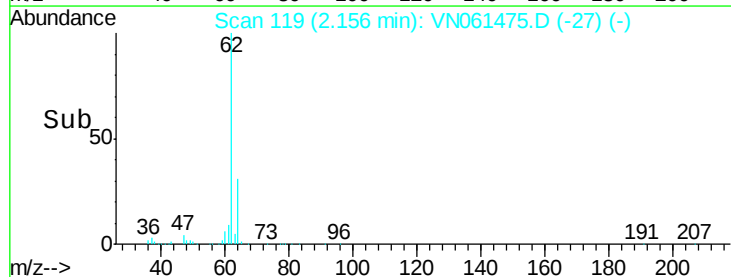
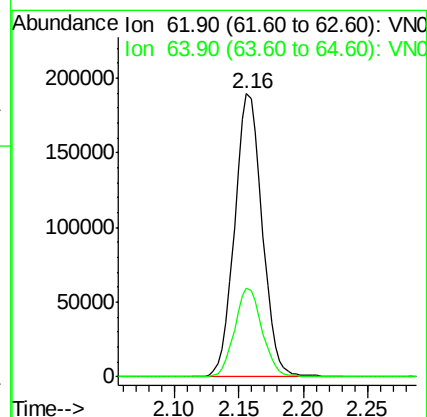
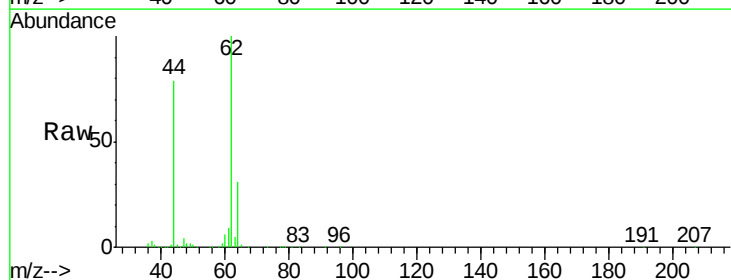
Acq: 19 May 2020 11:28

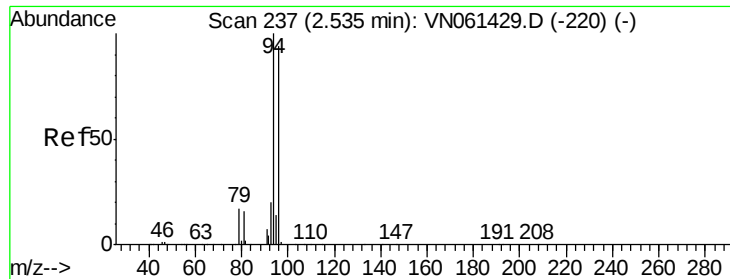
Tgt Ion: 62 Resp: 281650

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 53.023 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN061475.D

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Tot Ion: 94 Resp: 156495

Ion Ratio Lower Upper

94 100

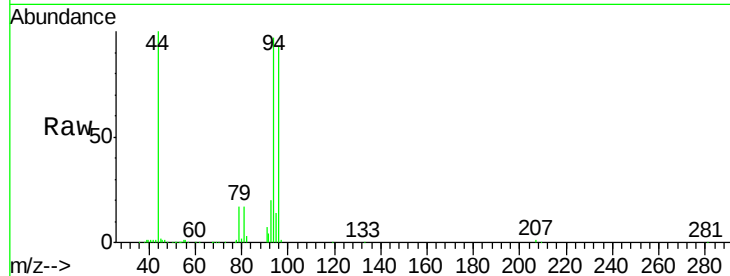
96 96.0 74.9 112.3

Manual Integrations

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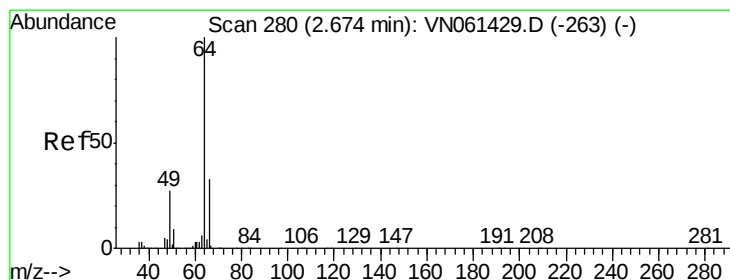
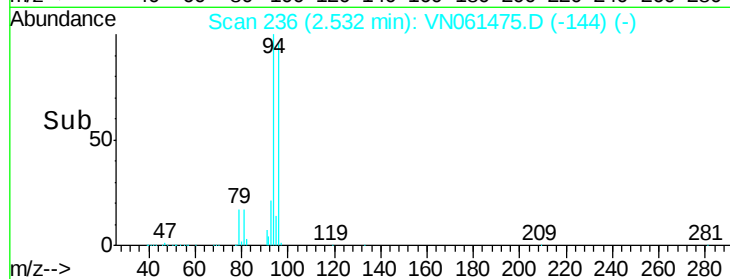
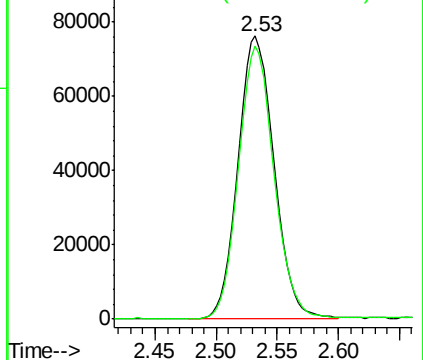
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.645 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061475.D

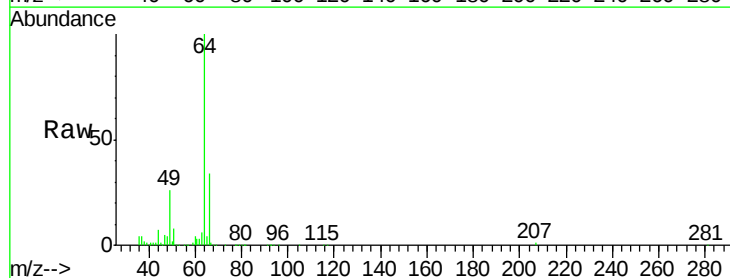
Acq: 19 May 2020 11:28

Tgt Ion: 64 Resp: 184078

Ion Ratio Lower Upper

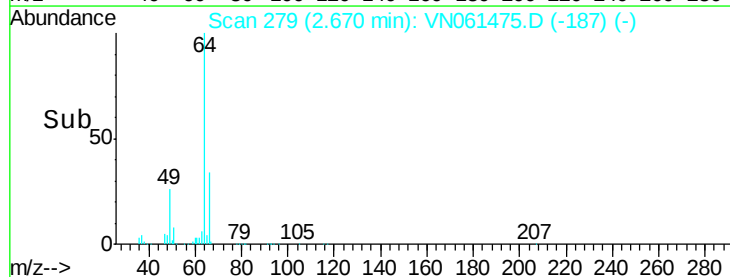
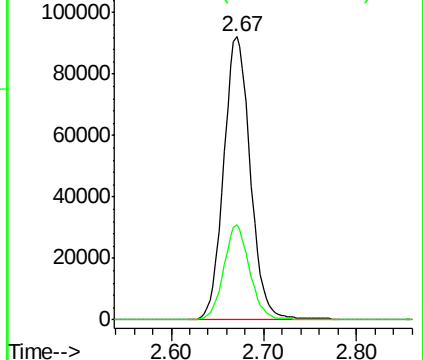
64 100

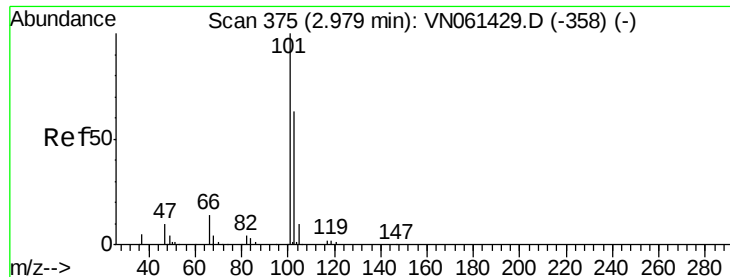
66 33.4 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

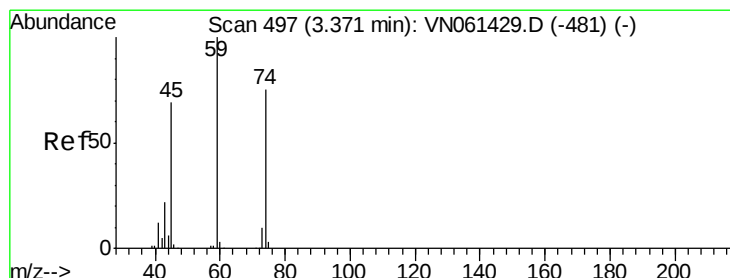
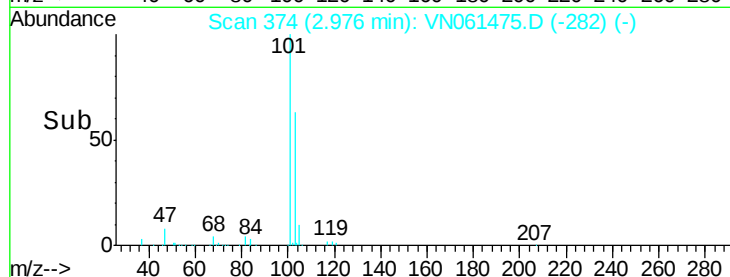
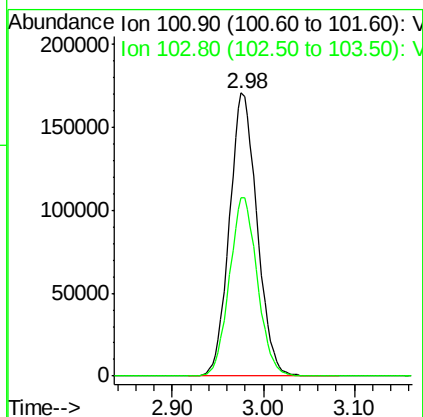
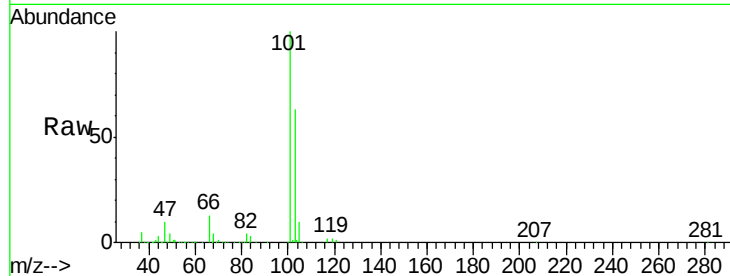
Trichlorofluoromethane
 Concen: 50.573 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN061475.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	359996		
103	63.1	50.2	75.4	

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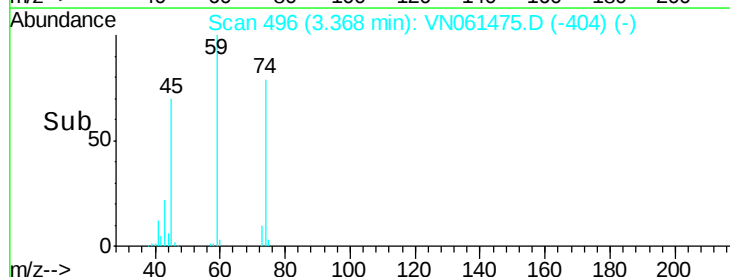
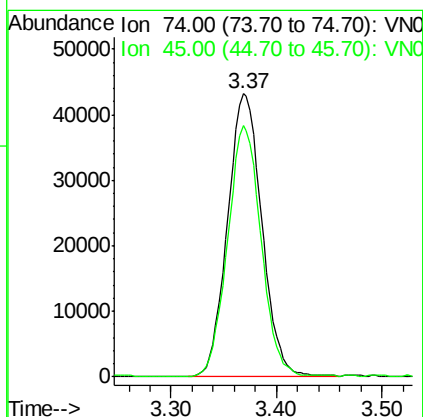
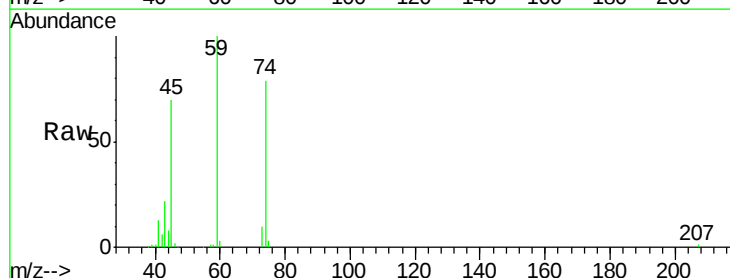
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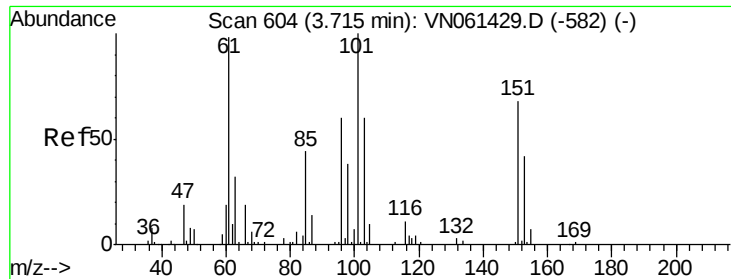


#8

Diethyl Ether
 Concen: 47.079 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN061475.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	97613		
45	86.6	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.126 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

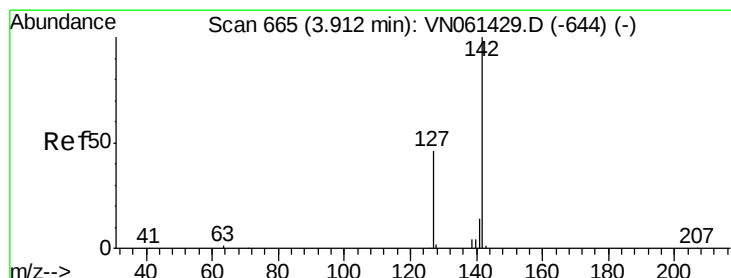
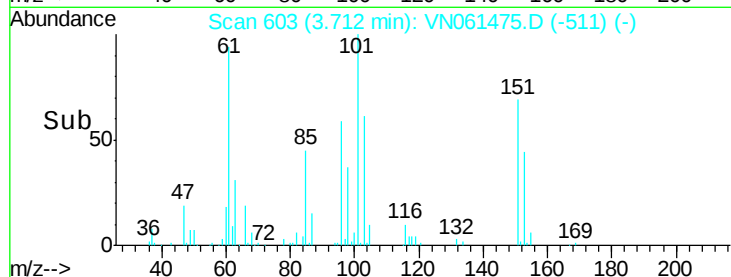
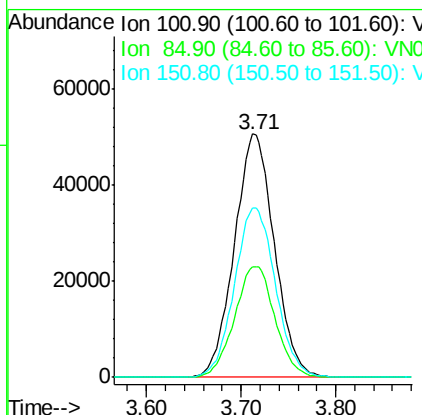
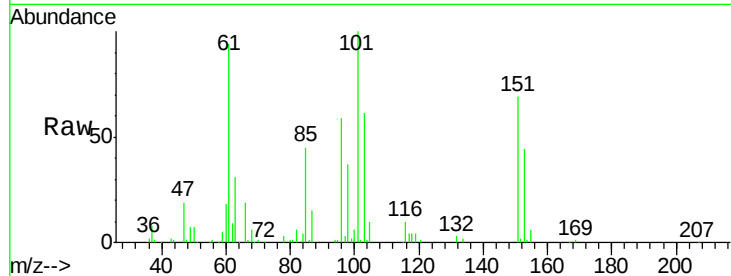
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	148381
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.6	55.0
151	71.5	56.3	84.5

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#10

Methyl Iodide

Concen: 48.754 ug/l

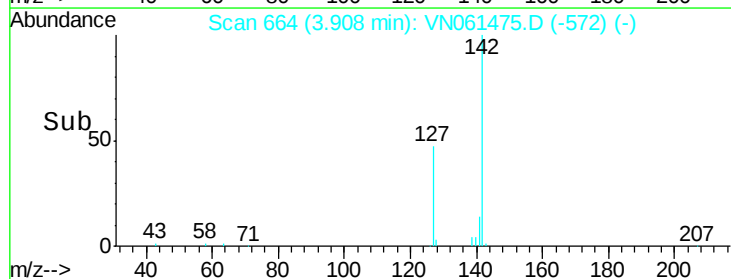
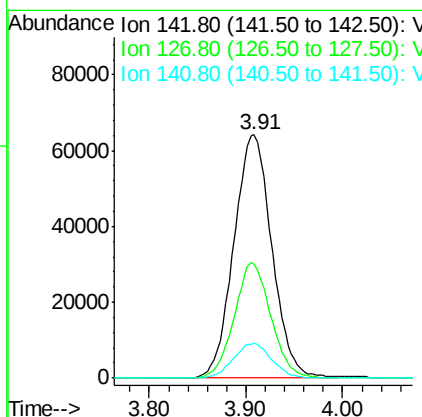
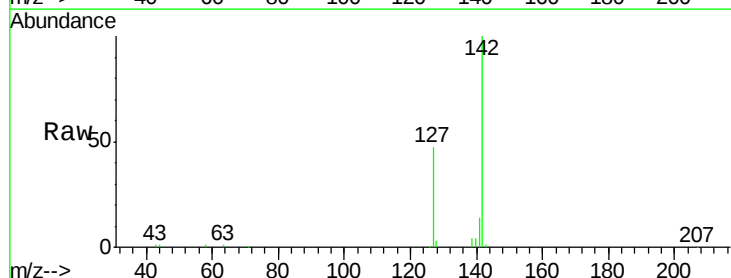
RT: 3.91 min Scan# 664

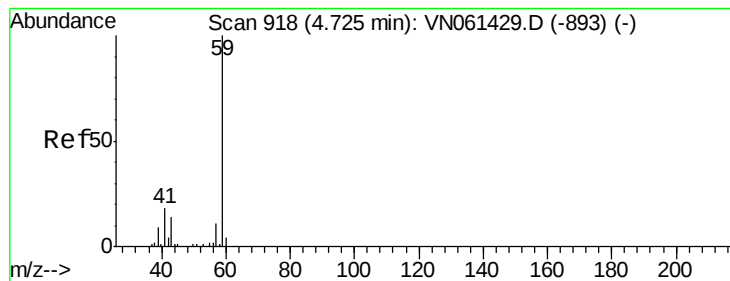
Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	142	Resp:	175288
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.7	55.1
141	14.3	11.5	17.3





#11

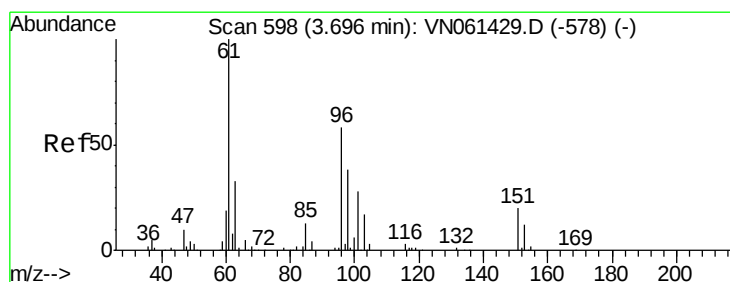
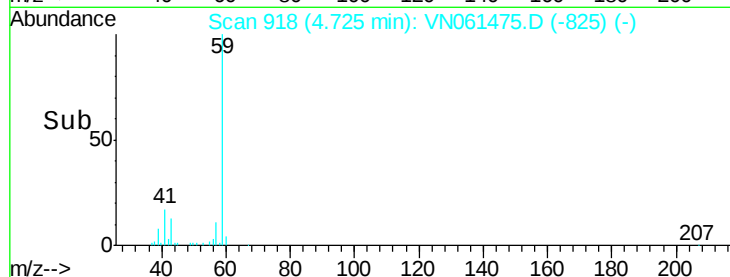
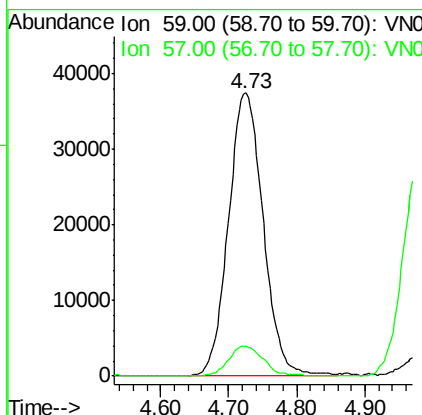
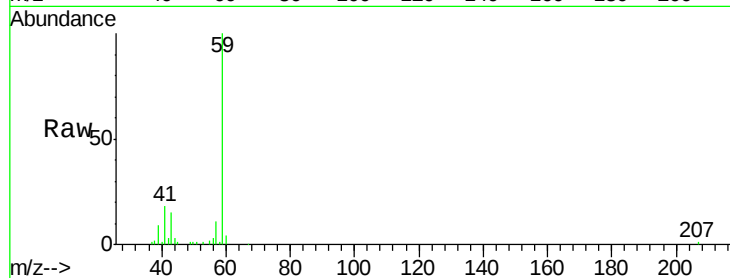
Tert butyl alcohol
Concen: 255.980 ug/l
RT: 4.73 min Scan# 918
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

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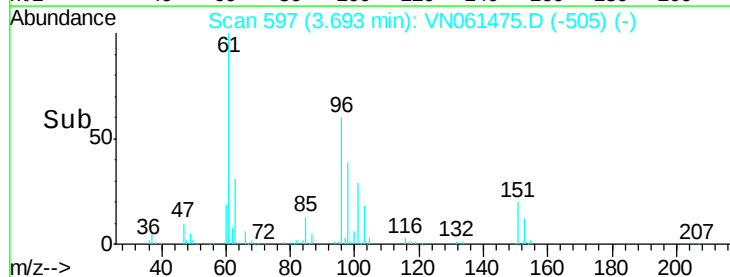
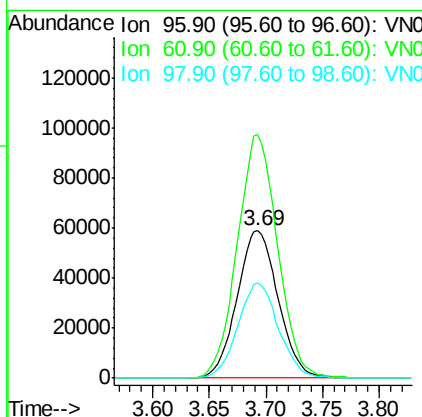
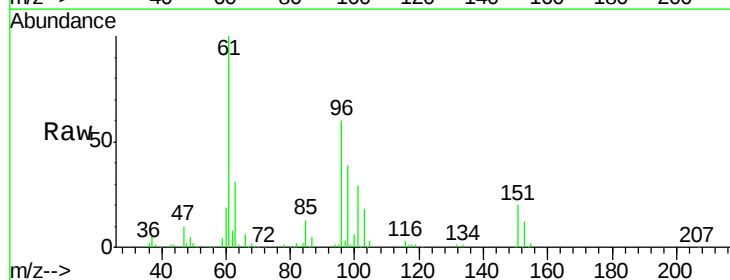
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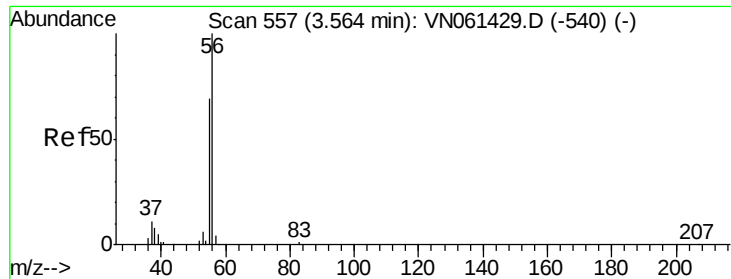


#12

1,1-Dichloroethene
Concen: 48.139 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.5	138.7	208.1
98	64.9	53.0	79.6





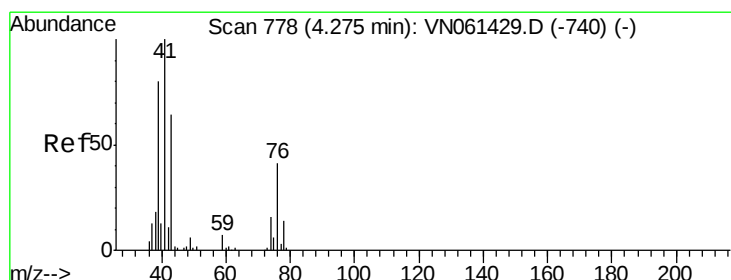
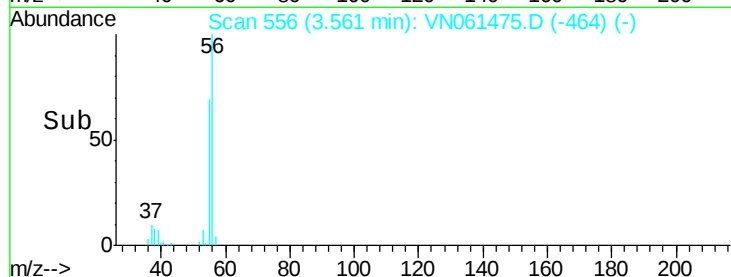
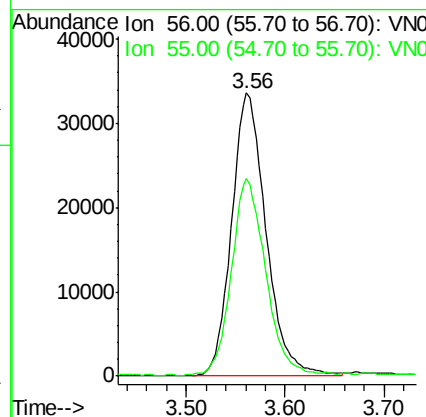
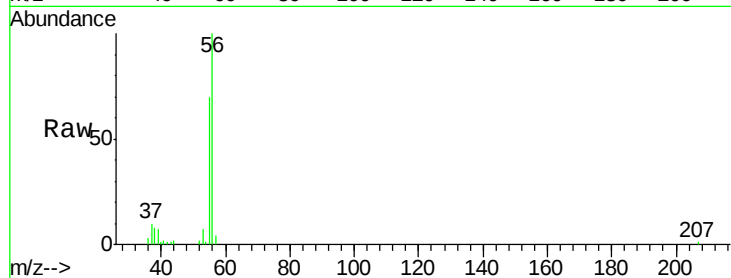
#13
Acrolein
Concen: 218.517 ug/l
RT: 3.56 min Scan# 556
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	56	100	81889		
55	55	69.7		54.8	82.2

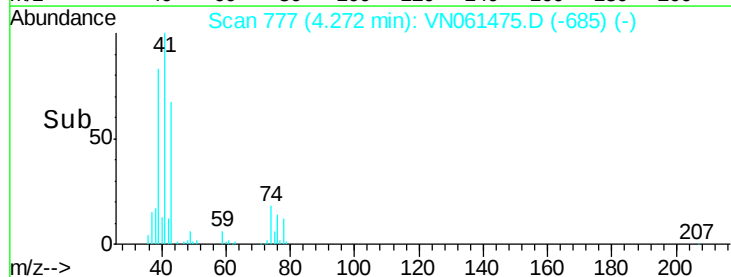
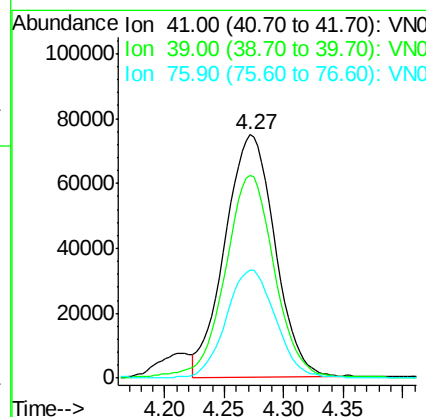
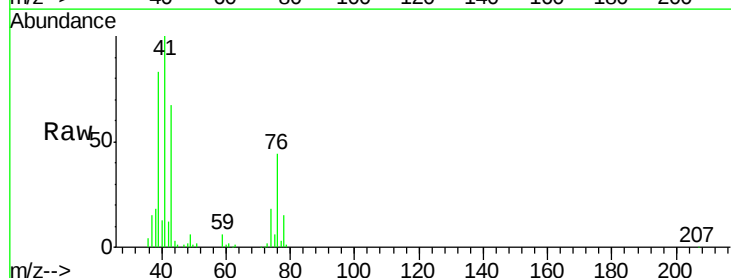
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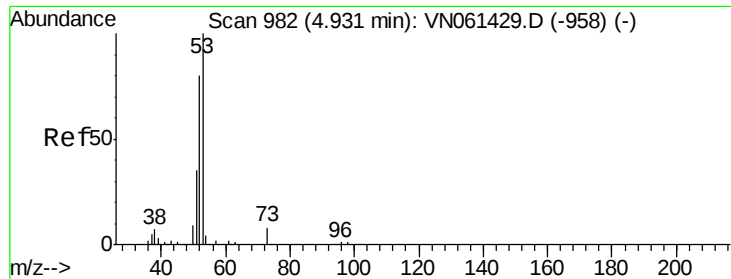
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#14
Allyl chloride
Concen: 43.005 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	216711		
39	39	83.6		61.2	91.8
76	76	44.5		29.9	44.9





#15

Acrylonitrile

Concen: 235.830 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

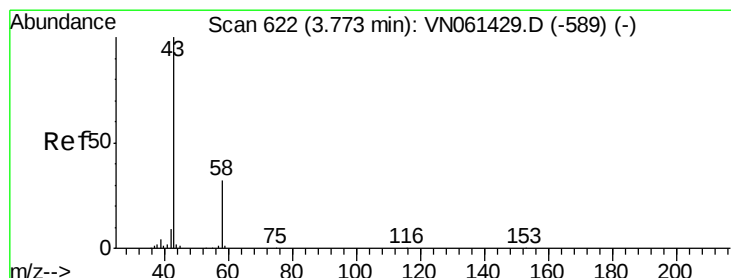
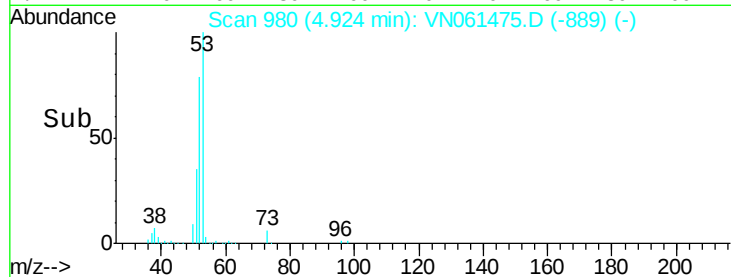
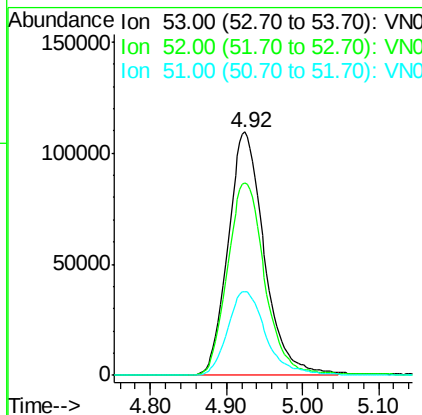
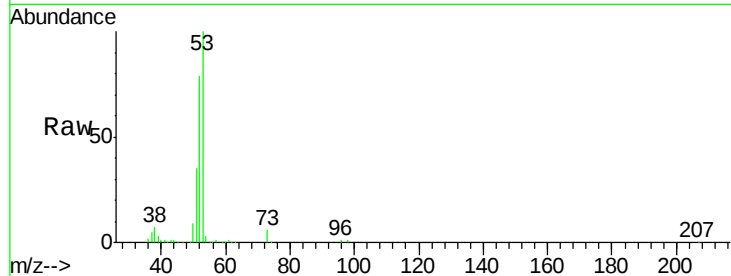
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	362948
Ion Ratio	Lower	Upper	
53	100		
52	81.2	64.7	97.1
51	36.6	29.5	44.3

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#16

Acetone

Concen: 301.379 ug/l

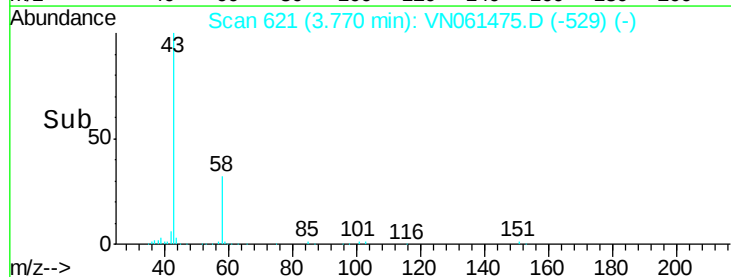
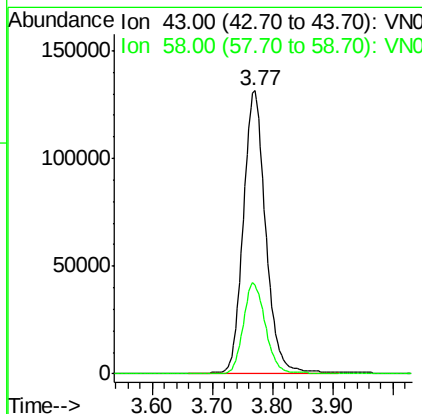
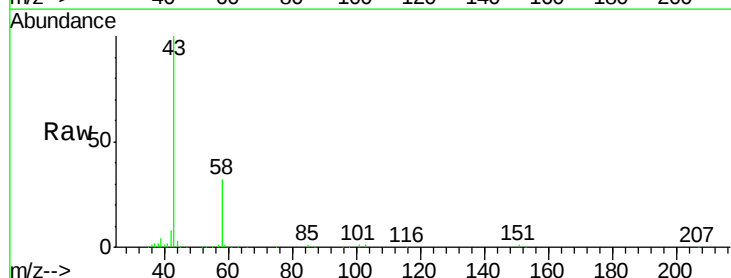
RT: 3.77 min Scan# 621

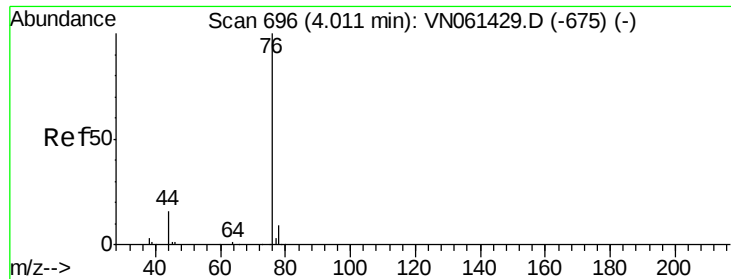
Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	43	Resp:	344893
Ion Ratio	Lower	Upper	
43	100		
58	31.6	25.6	38.4





#17

Carbon Disulfide

Concen: 50.281 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 333947

Ion Ratio Lower Upper

76 100

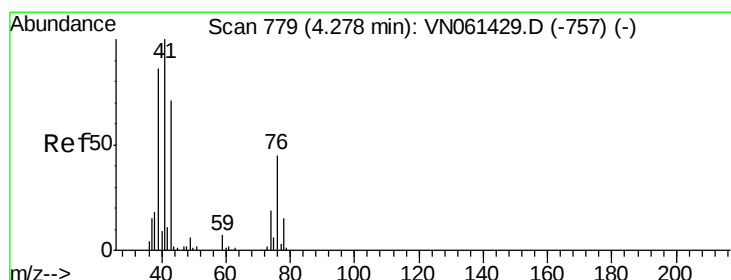
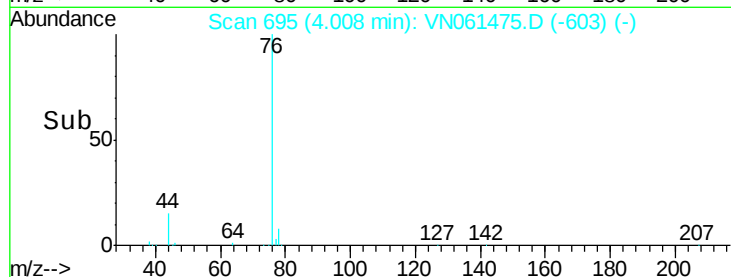
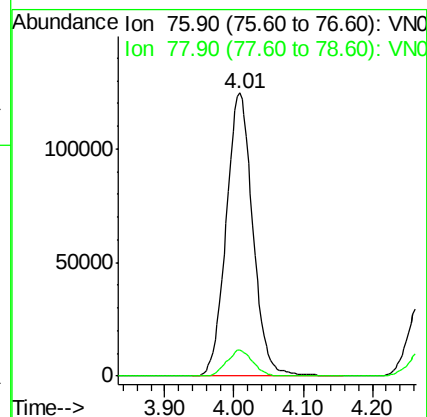
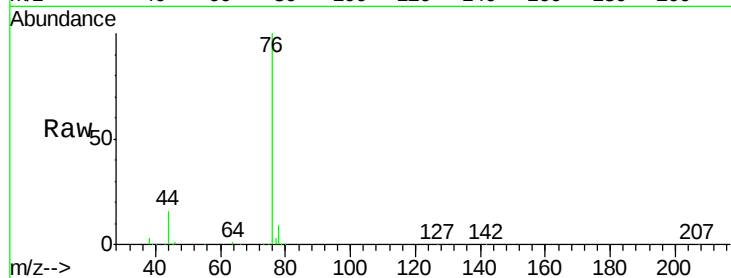
78 9.2 7.4 11.0

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#18

Methyl Acetate

Concen: 46.824 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN061475.D

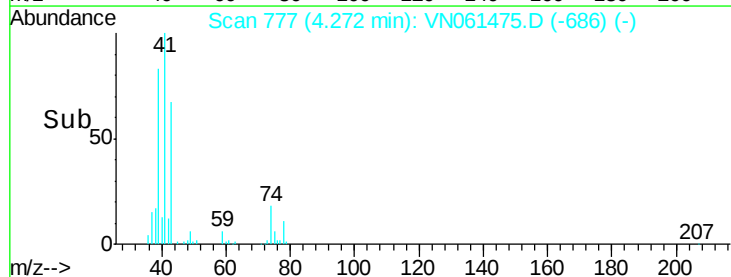
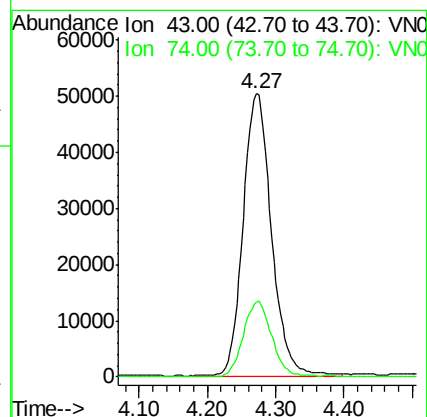
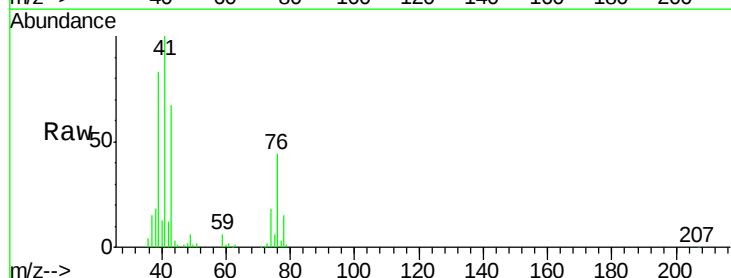
Acq: 19 May 2020 11:28

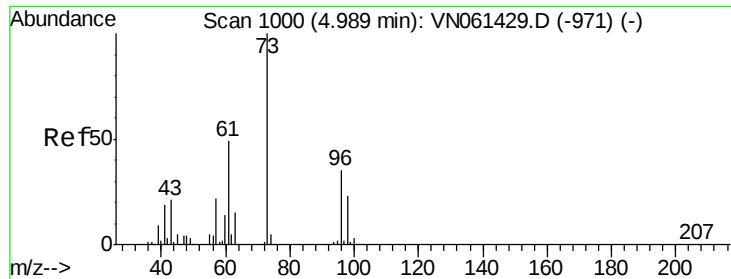
Tgt Ion: 43 Resp: 144981

Ion Ratio Lower Upper

43 100

74 26.8 20.8 31.2





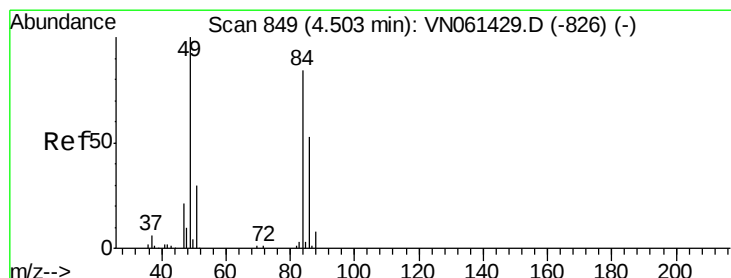
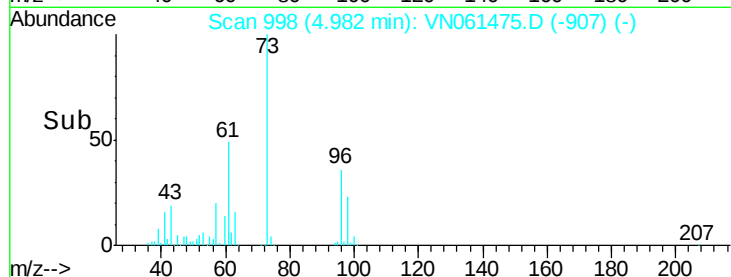
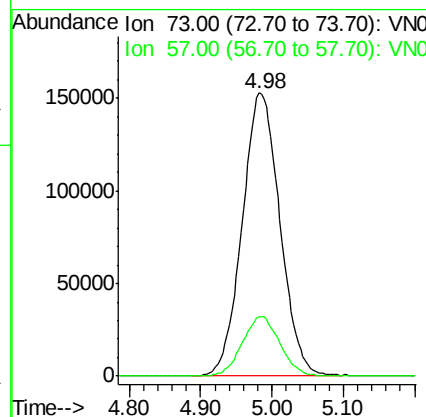
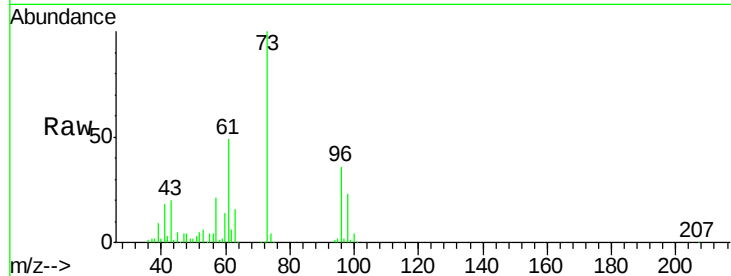
#19
Methvl tert-butvl Ether
Concen: 47.842 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 562160
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0

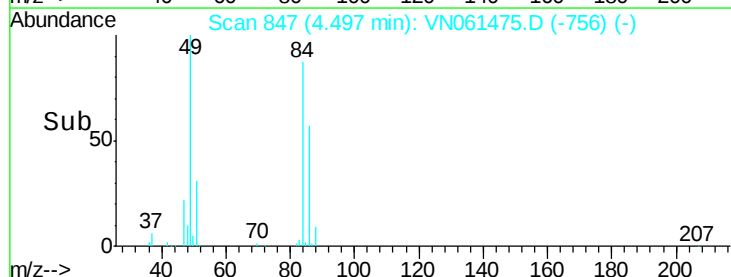
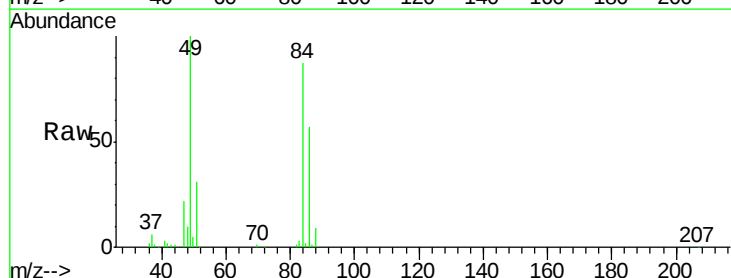
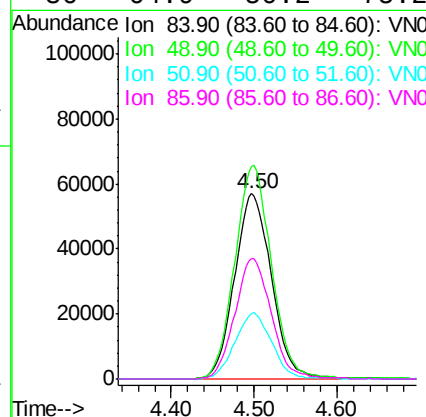
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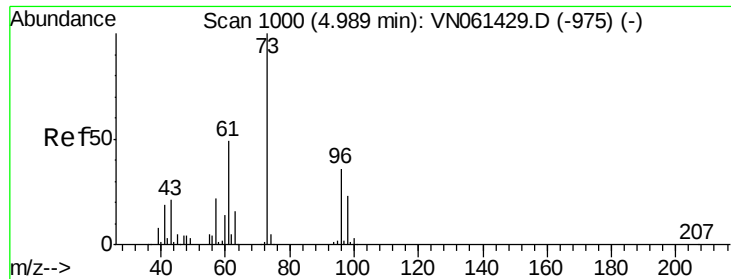
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#20
Methylene Chloride
Concen: 47.578 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion: 84 Resp: 176288
Ion Ratio Lower Upper
84 100
49 114.4 95.3 142.9
51 35.5 29.0 43.6
86 64.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.794 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

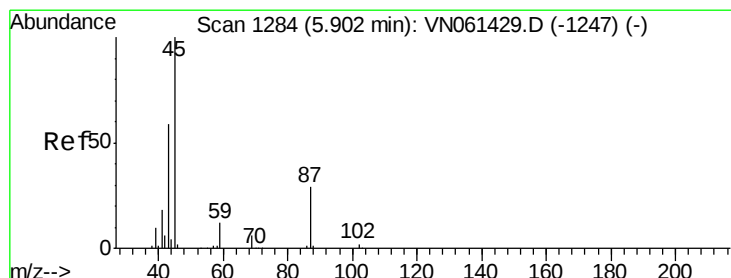
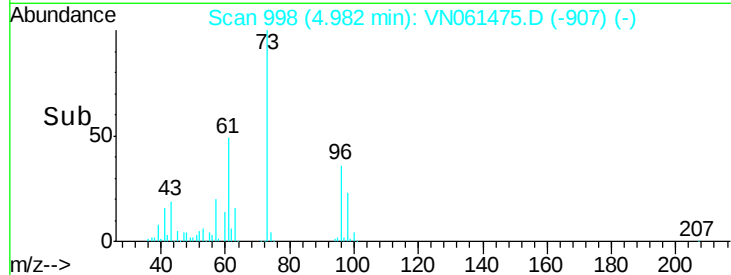
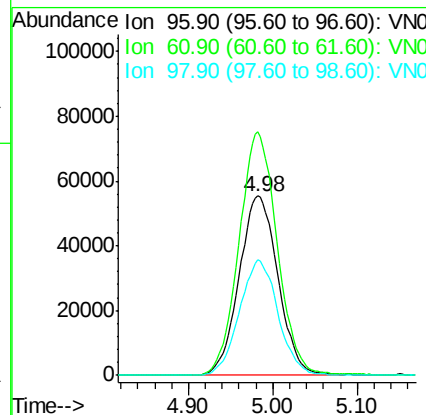
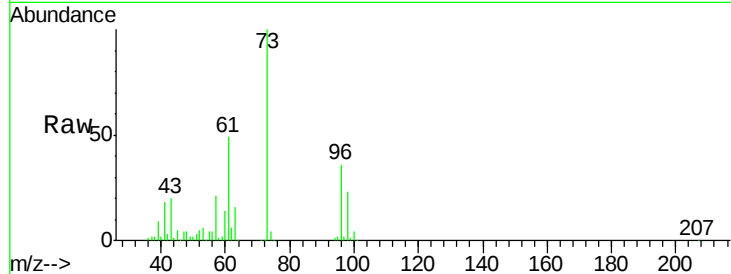
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	177789
Ion	Ratio	Lower	Upper
96	100		
61	135.6	109.8	164.6
98	64.2	52.4	78.6

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#22

Diisopropyl ether

Concen: 47.858 ug/l

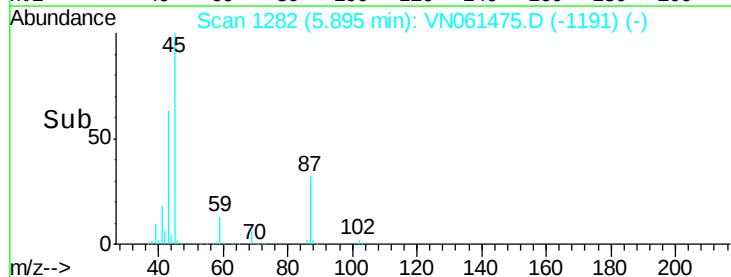
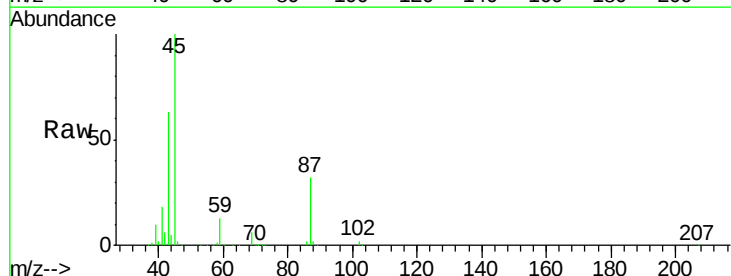
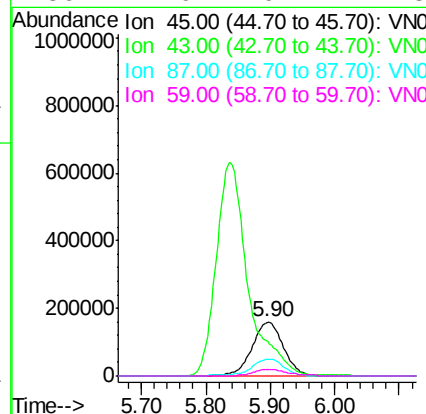
RT: 5.90 min Scan# 1282

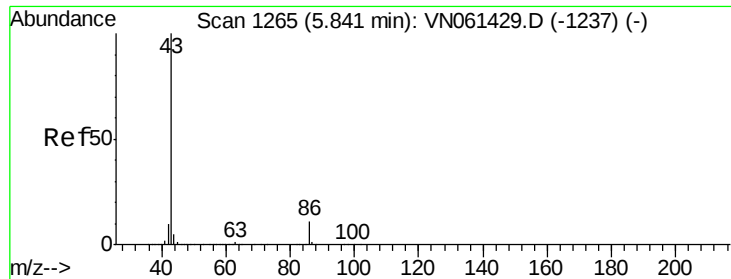
Delta R.T. -0.01 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	45	Resp:	541931
Ion	Ratio	Lower	Upper
45	100		
43	61.9	47.9	71.9
87	31.8	24.0	36.0
59	12.9	9.7	14.5





#23

Vinyl Acetate

Concen: 240.448 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2165173

Ion Ratio Lower Upper

43 100

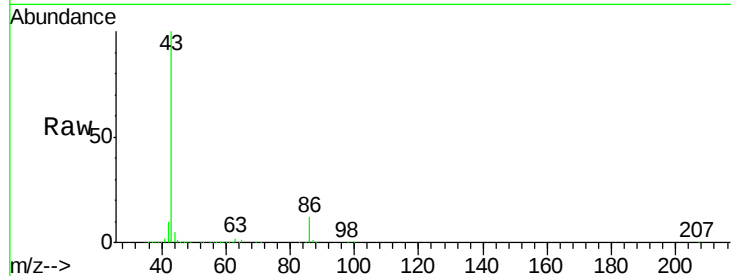
86 12.3 9.1 13.7

Manual Integrations

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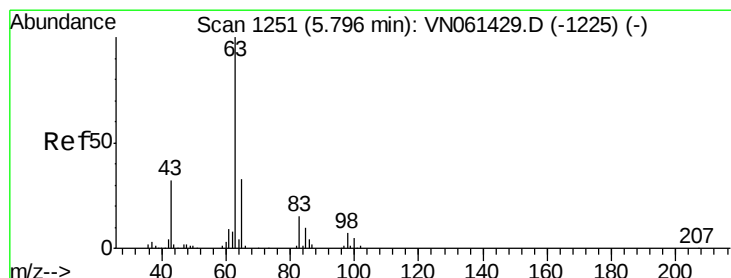
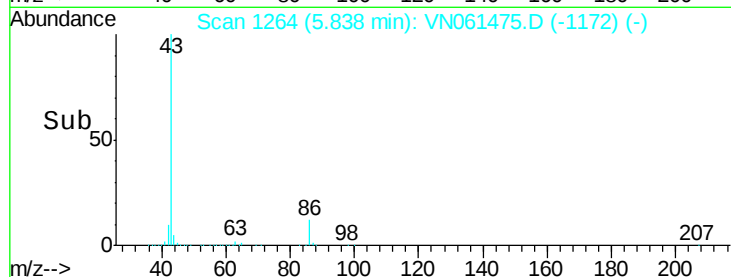
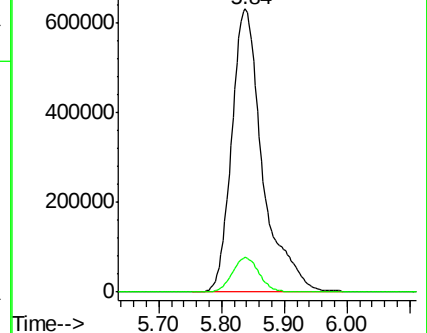
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.921 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

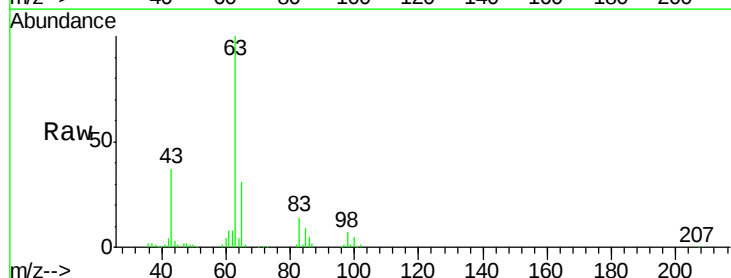
Tgt Ion: 63 Resp: 323112

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

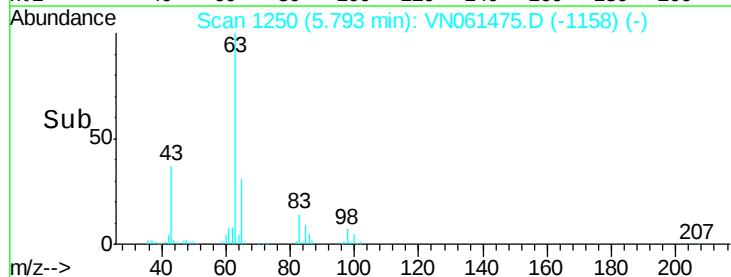
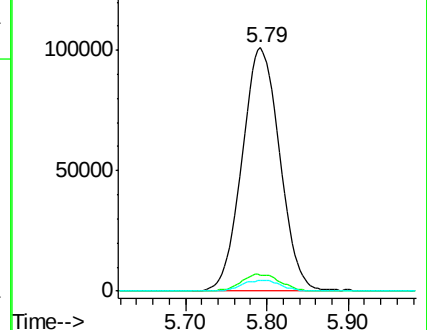
100 4.5 2.3 6.9

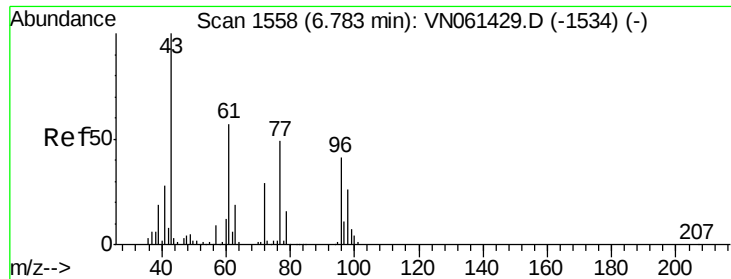


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





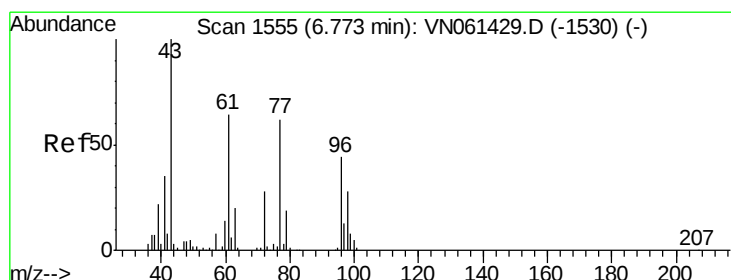
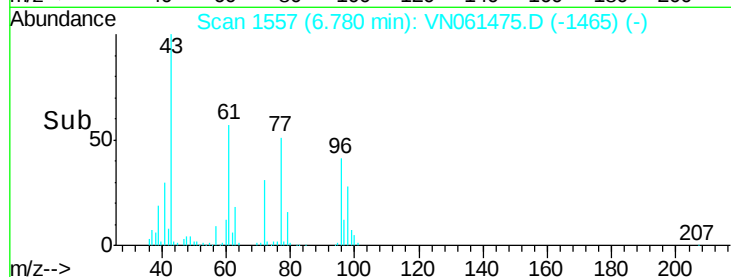
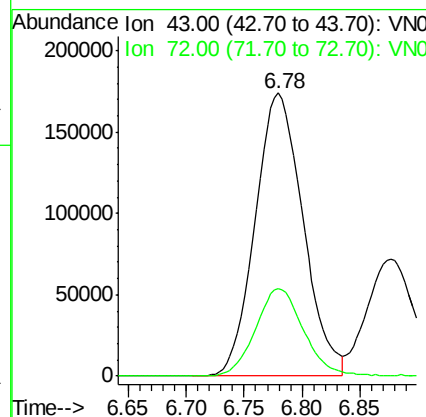
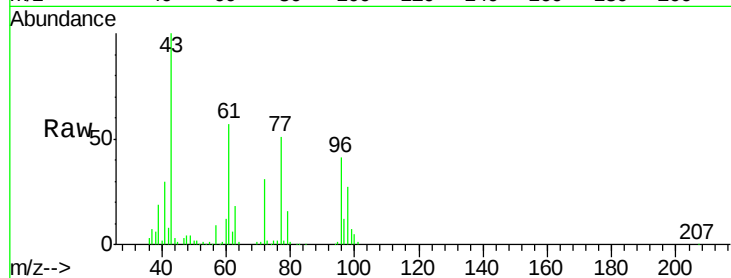
#25
2-Butanone
Concen: 243.027 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 498865
Ion Ratio Lower Upper
43 100
72 30.9 23.0 34.6

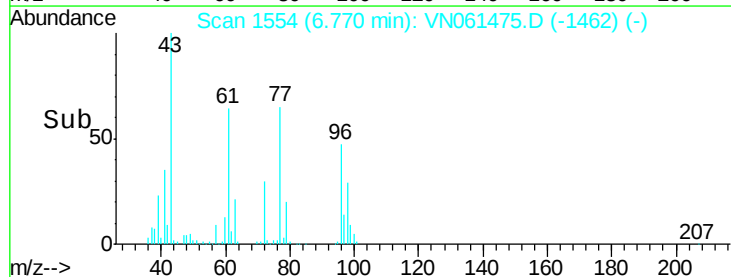
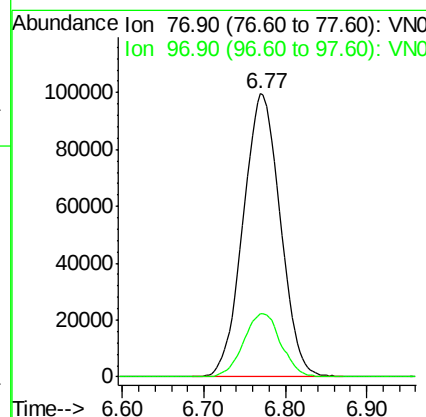
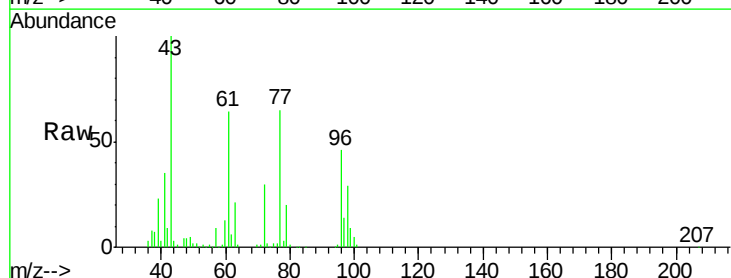
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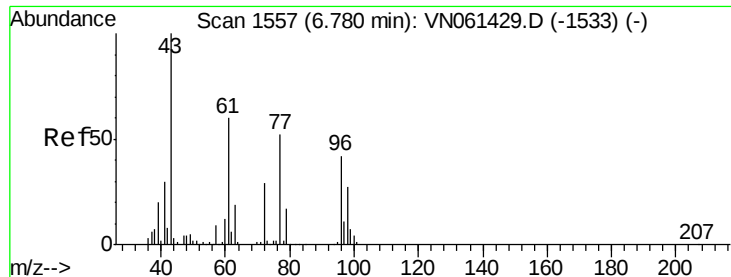
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#26
2,2-Dichloropropane
Concen: 49.941 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion: 77 Resp: 314445
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.643 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

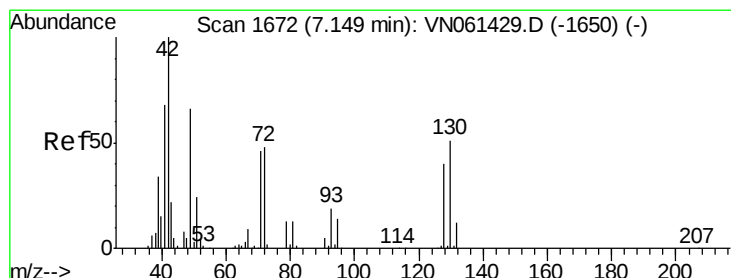
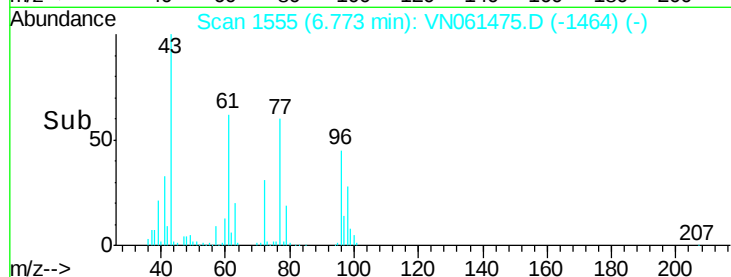
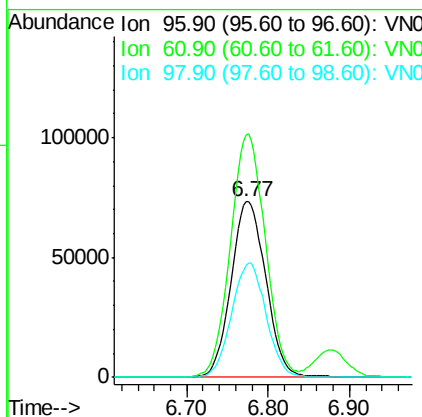
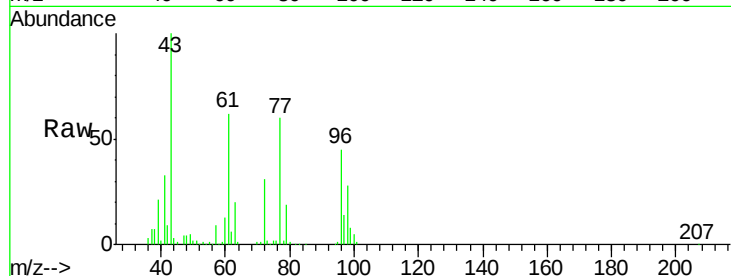
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	217809
Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	294.2
98	64.5	0.0	128.2

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#28

Bromochloromethane

Concen: 49.629 ug/l

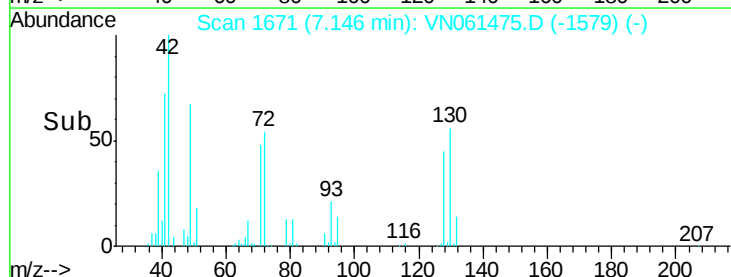
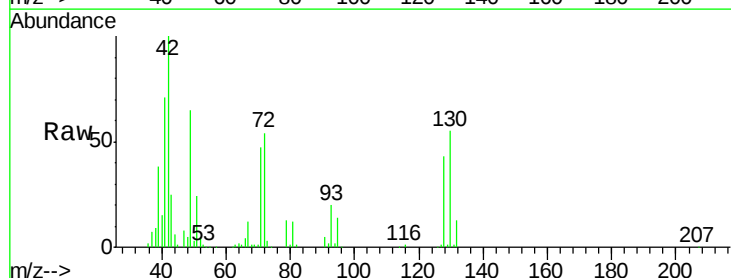
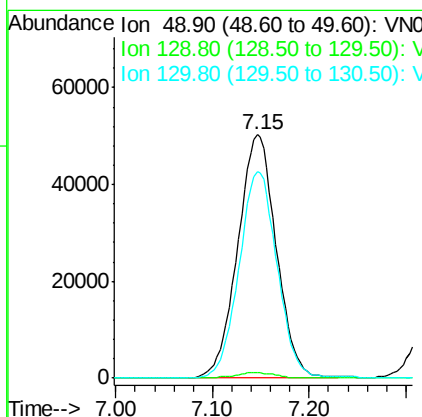
RT: 7.15 min Scan# 1671

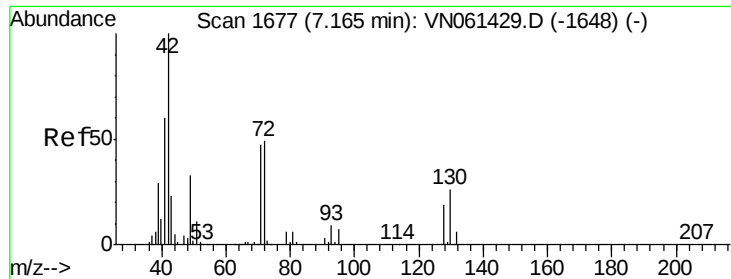
Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	49	Resp:	139135
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	83.8	62.2	93.2





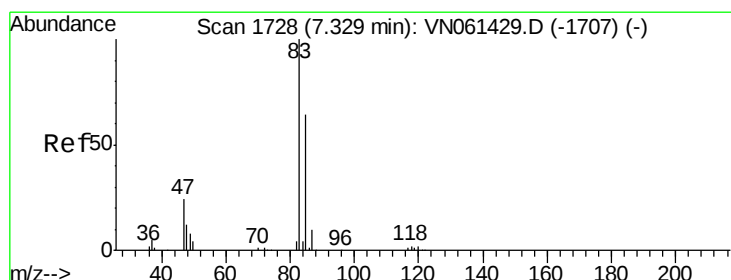
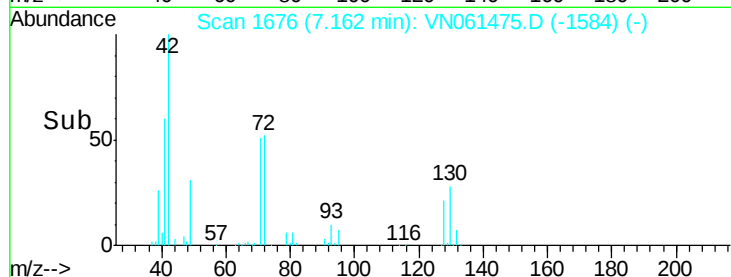
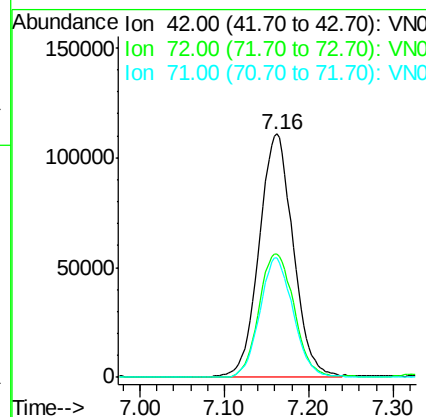
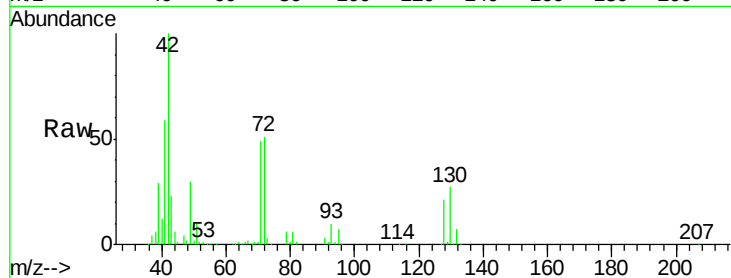
#29
Tetrahydrofuran
Concen: 227.997 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	52.6	39.0	58.6	
71	48.3	36.9	55.3	

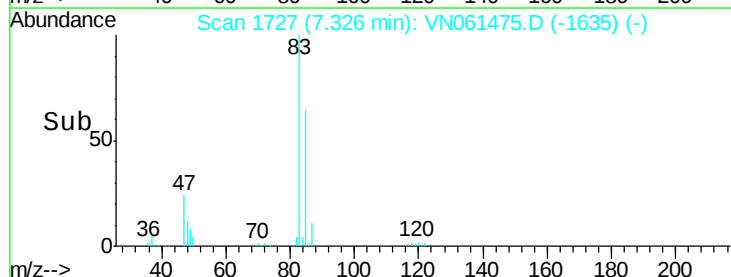
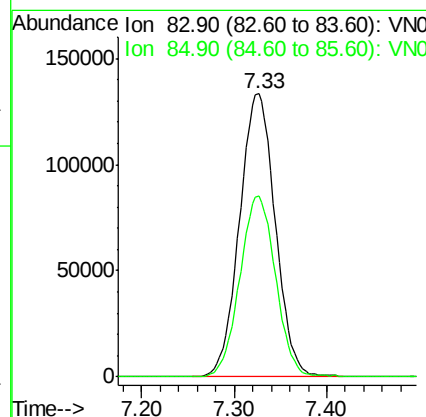
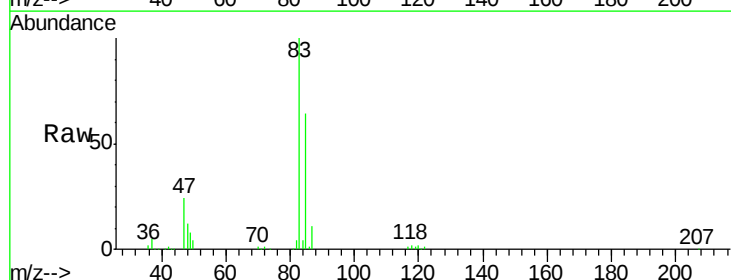
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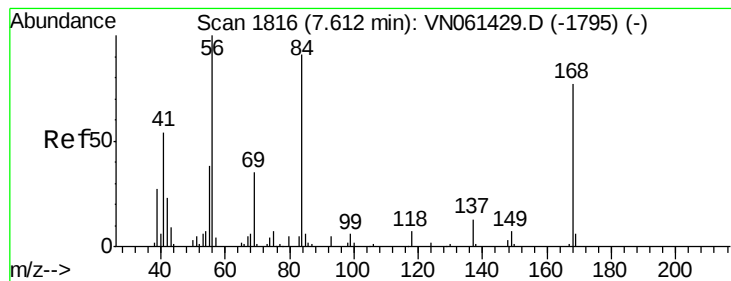
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#30
Chloroform
Concen: 51.640 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.7	51.0	76.4	





#31

Cyclohexane

Concen: 48.159 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

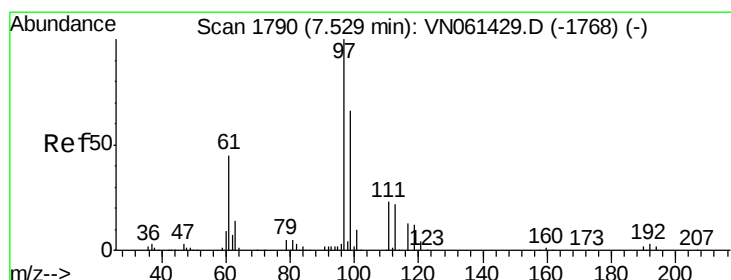
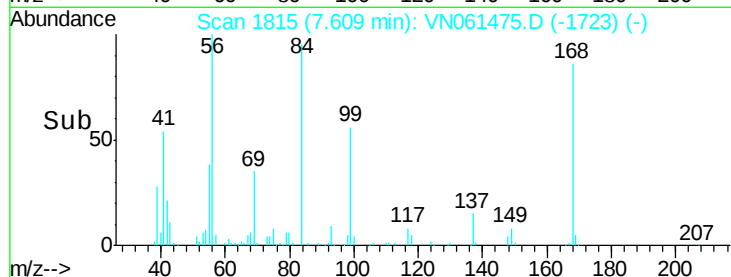
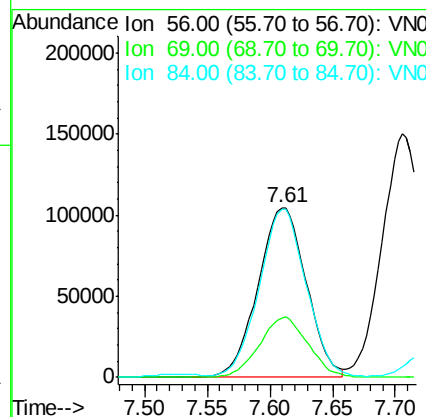
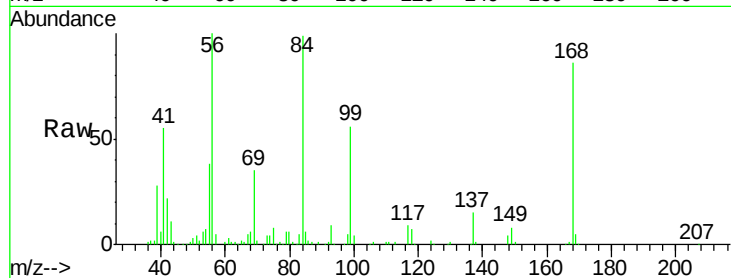
VSTDCCC050

Tot Ion: 56 Resp: 280598

Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.8	41.6
84	97.7	72.7	109.1

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#32

1,1,1-Trichloroethane

Concen: 51.392 ug/l

RT: 7.53 min Scan# 1789

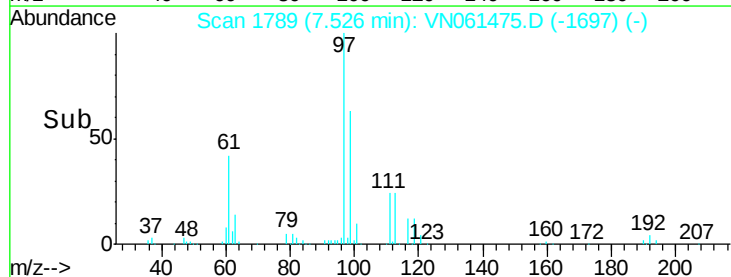
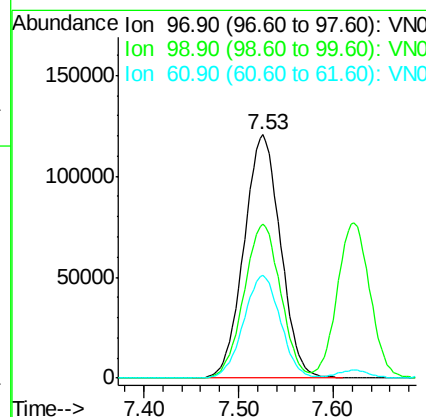
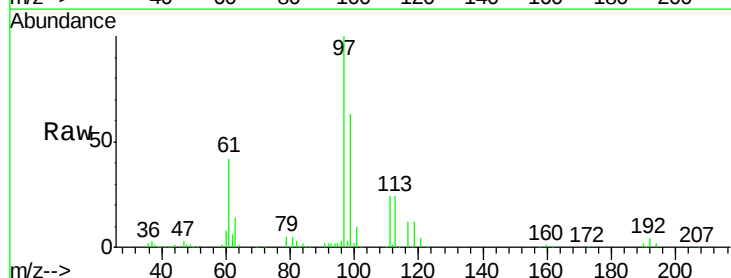
Delta R.T. -0.00 min

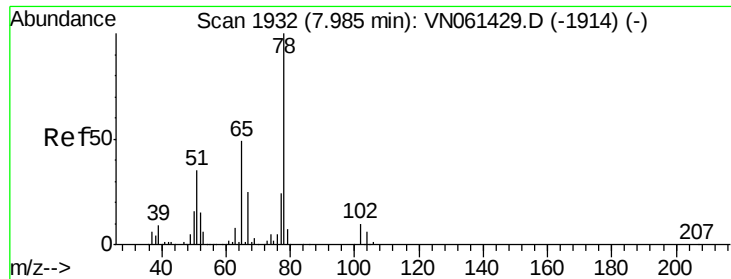
Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion: 97 Resp: 323966

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.5	77.3
61	42.5	35.8	53.6





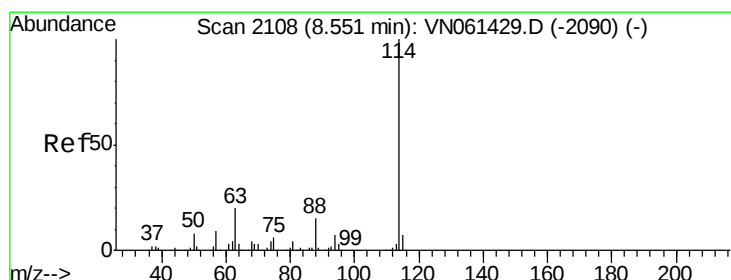
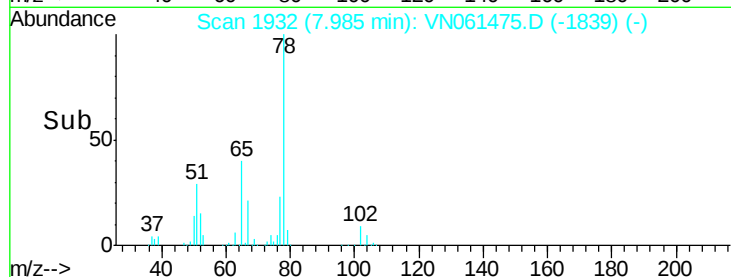
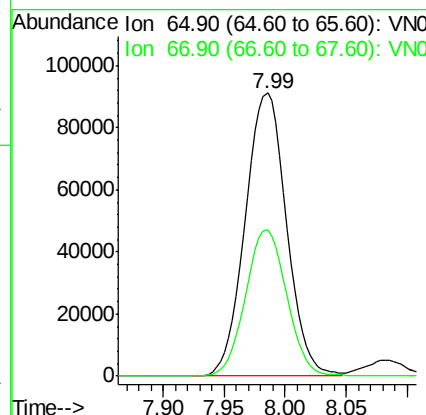
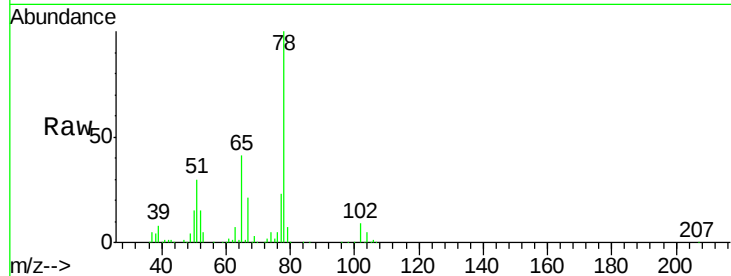
#33
 1,2-Dichloroethane-d4
 Concen: 47.371 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	213569		
67	51.5	0.0	101.4	

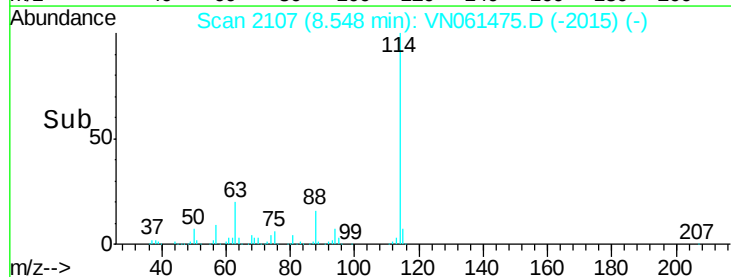
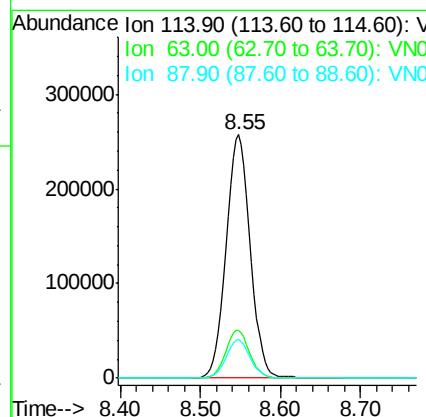
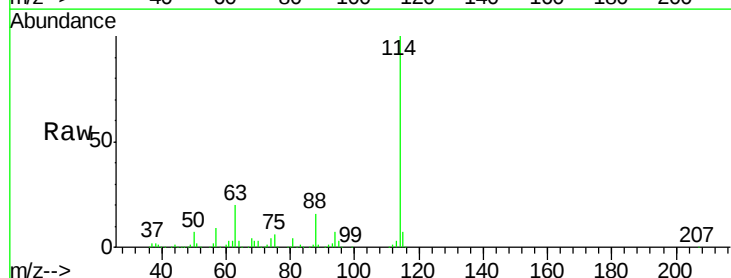
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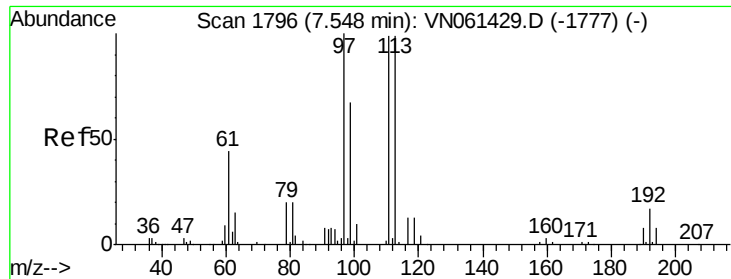
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	534394		
63	19.7	0.0	40.8	
88	15.7	0.0	30.8	





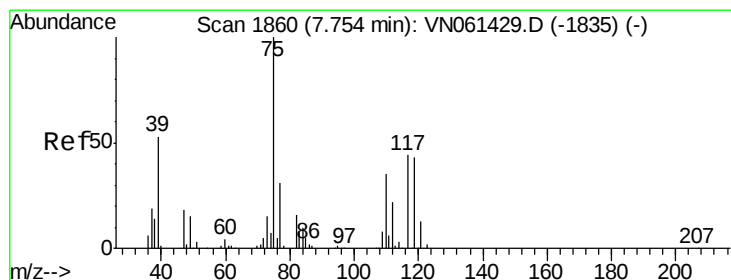
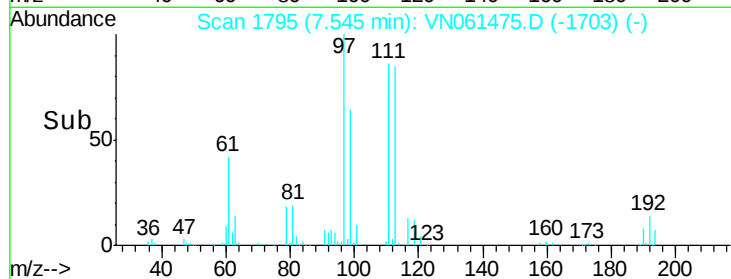
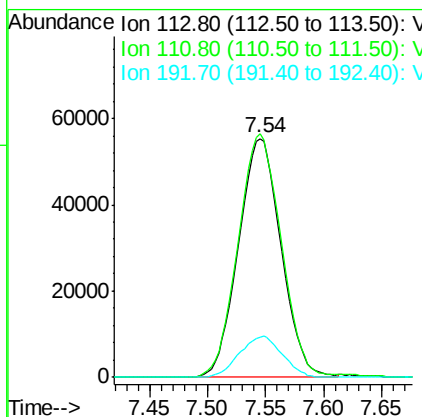
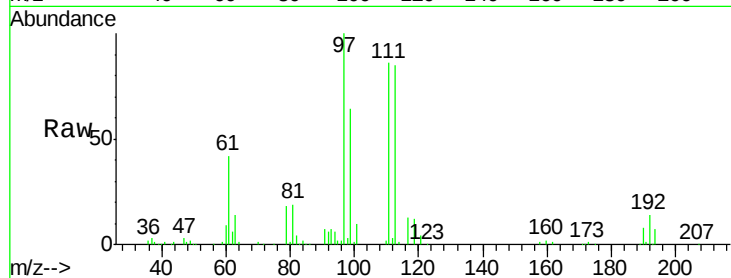
#35
 Dibromofluoromethane
 Concen: 50.448 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141230		
111	102.8	80.6	121.0	
192	17.3	13.2	19.8	

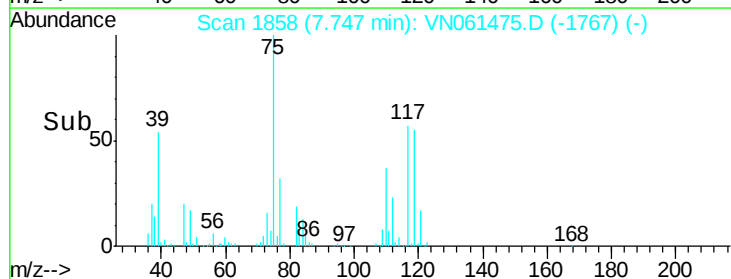
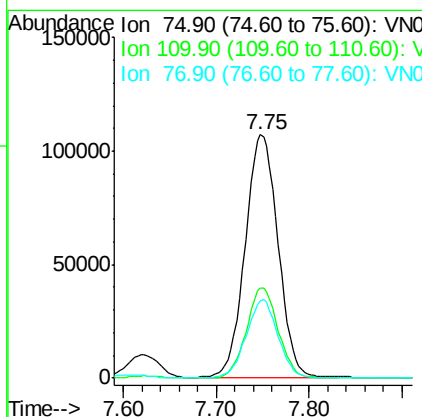
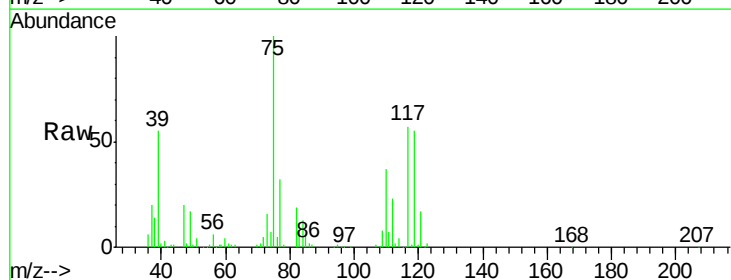
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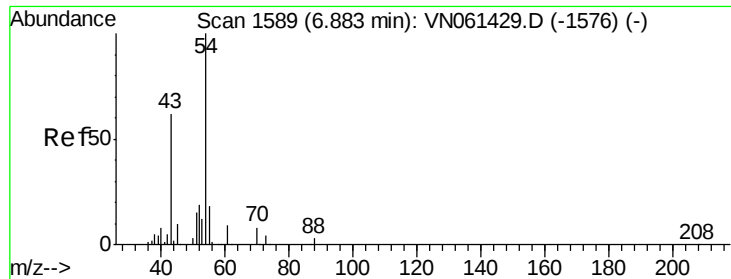
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#36
 1,1-Dichloropropene
 Concen: 52.613 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	262899		
110	36.0	17.3	51.9	
77	31.2	24.9	37.3	





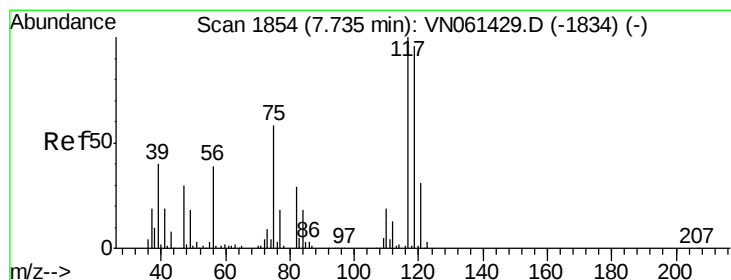
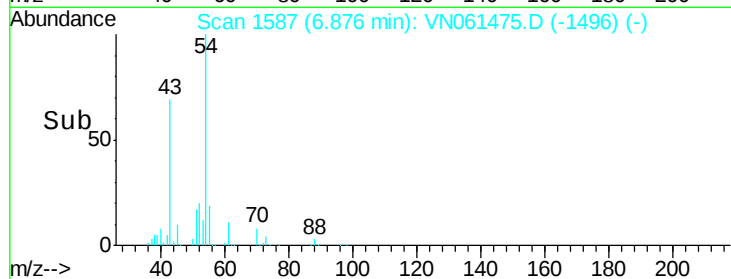
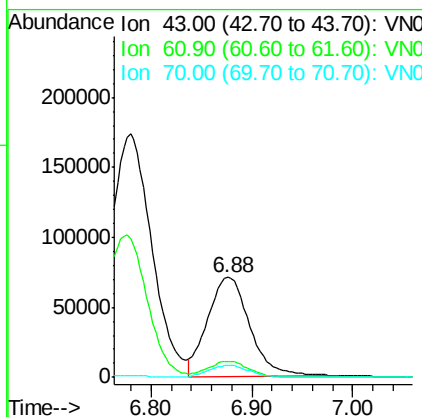
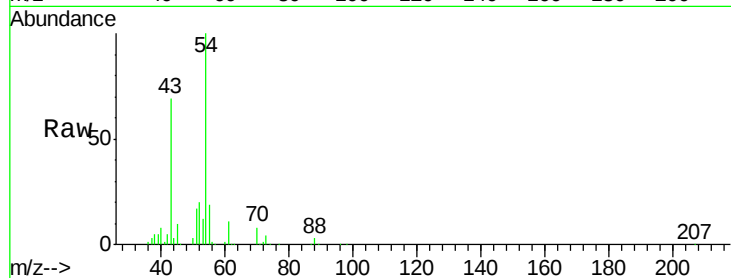
#37
Ethyl Acetate
Concen: 45.697 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	14.7	11.7	17.5	
70	11.6	9.2	13.8	

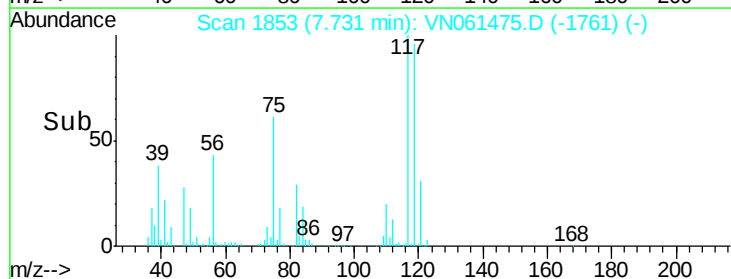
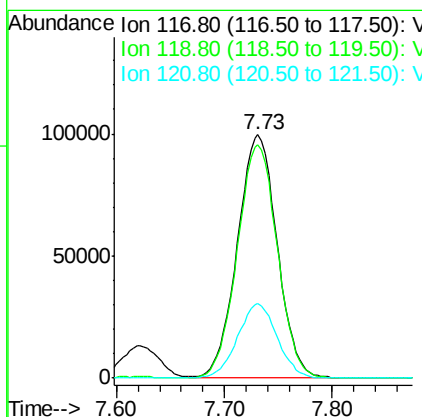
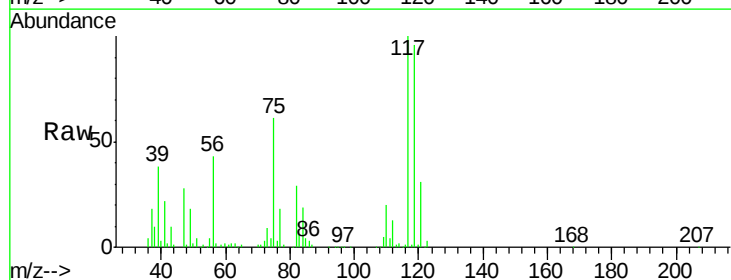
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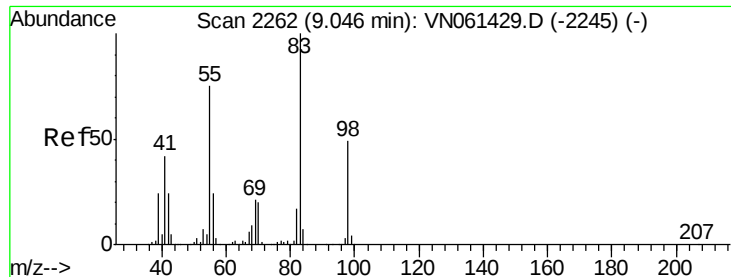
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#38
Carbon Tetrachloride
Concen: 55.297 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.0	115.6	
121	30.7	24.7	37.1	





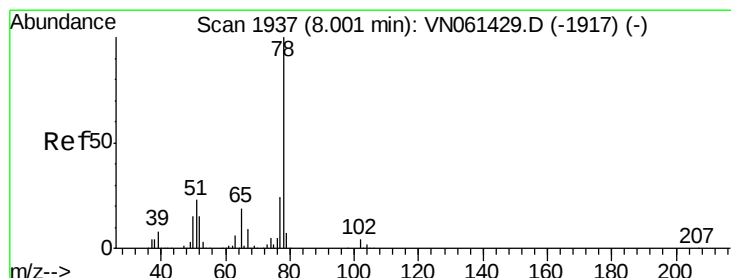
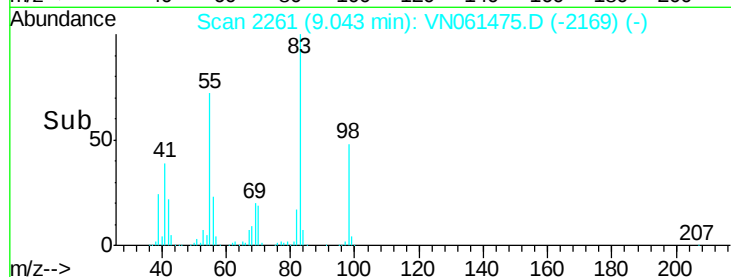
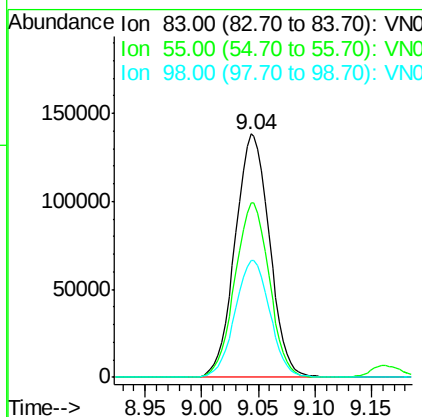
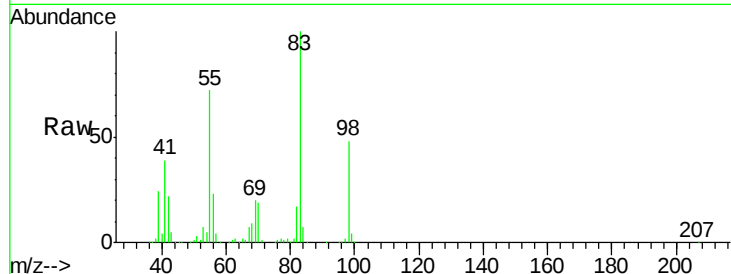
#39
Methvlcvclohexane
Concen: 48.037 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	293176		
55	71.6		59.7	89.5
98	47.9		38.9	58.3

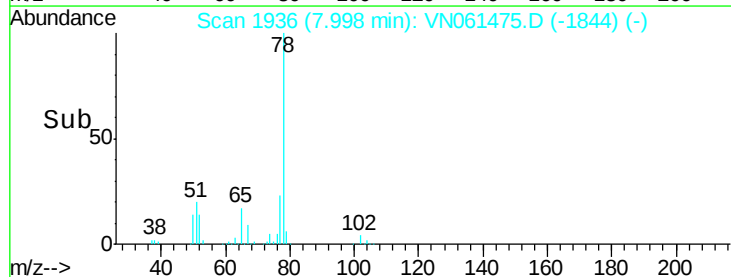
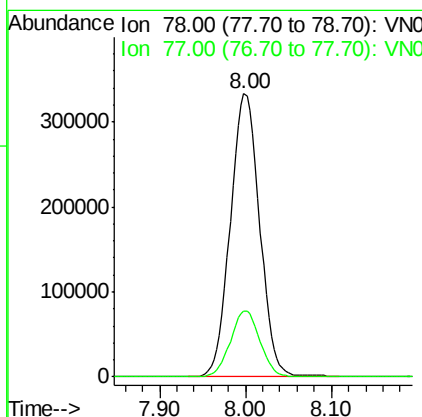
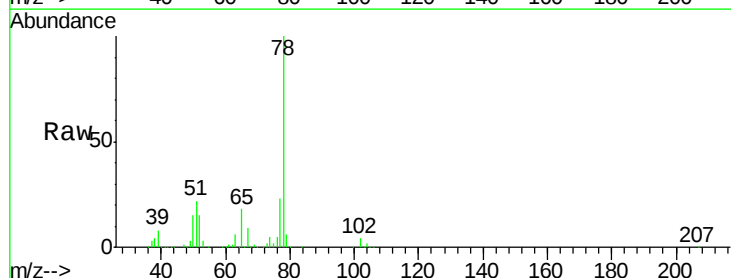
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#40
Benzene
Concen: 52.452 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	789847		
77	23.2		19.1	28.7





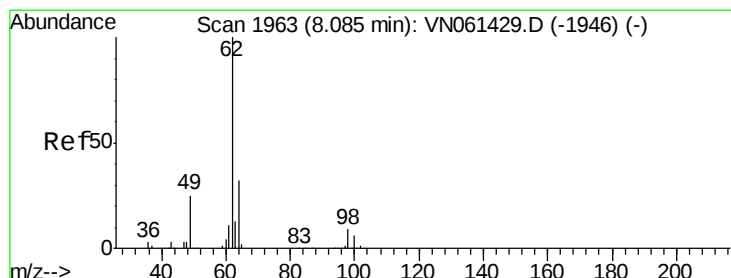
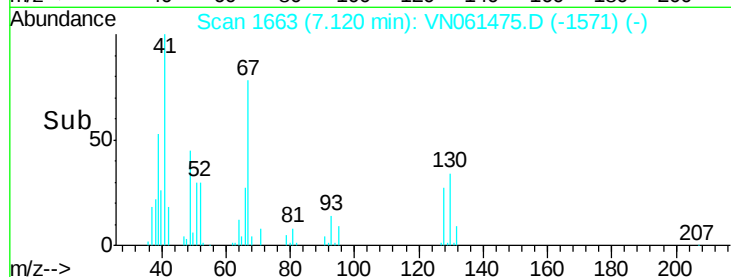
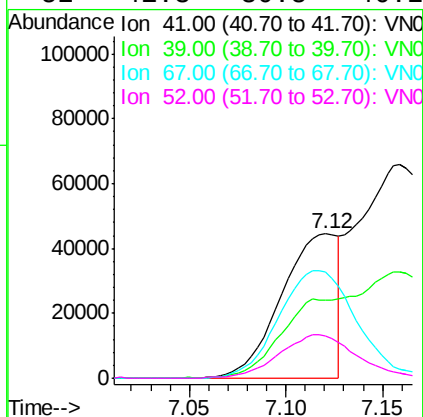
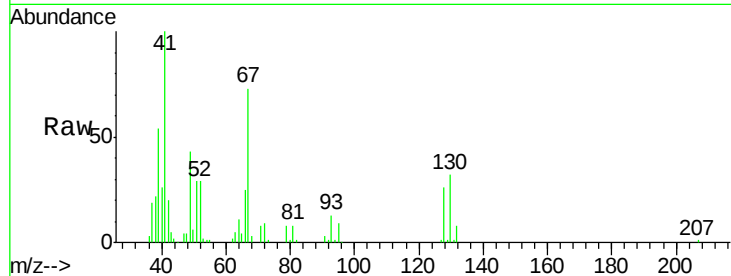
#41
Methacrylonitrile
Concen: 47.361 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	43.9	48.3	72.5#	
67	104.2	74.2	111.4	
52	41.3	30.8	46.2	

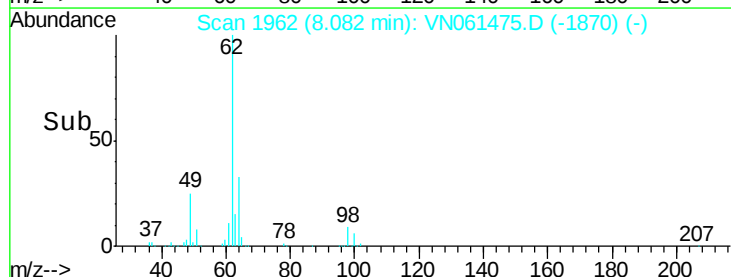
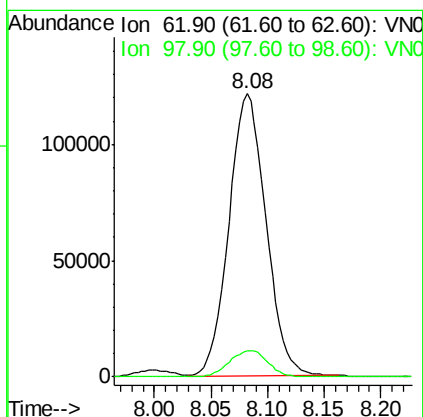
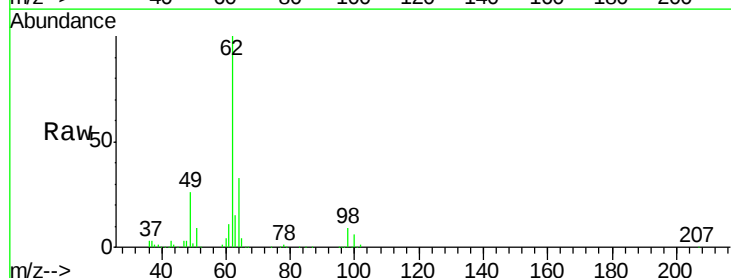
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#42
1,2-Dichloroethane
Concen: 51.145 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	18.4	





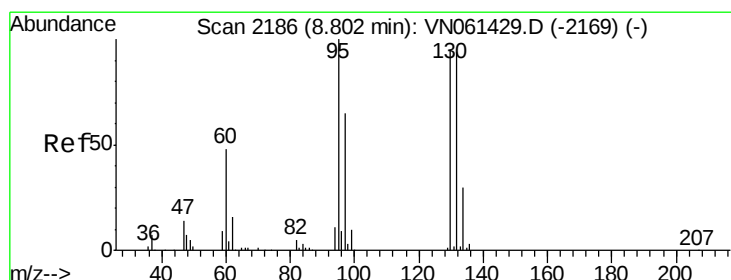
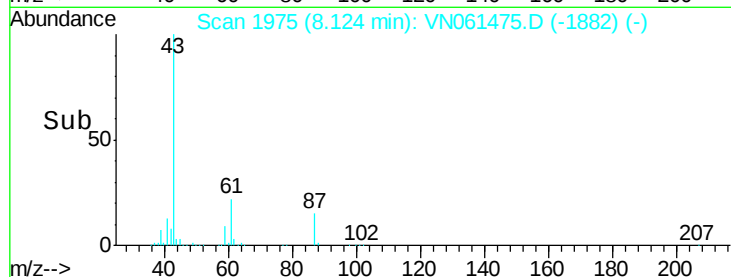
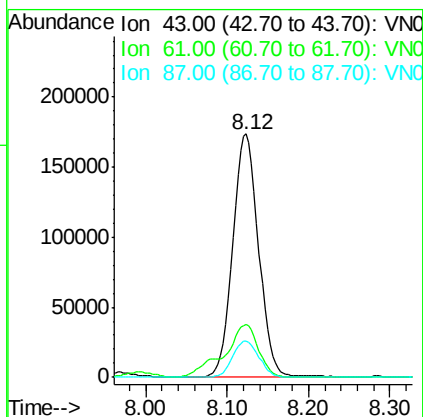
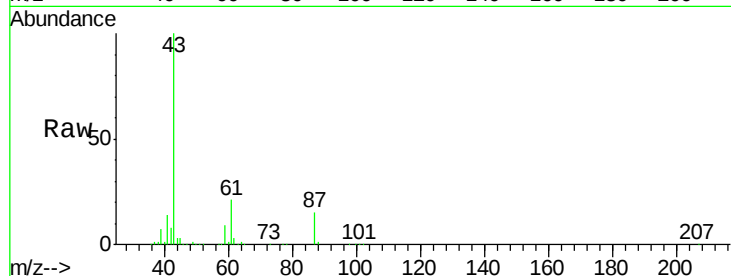
#43
Isopropyl Acetate
Concen: 48.409 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.7	23.0	34.4
87	15.3	11.6	17.4

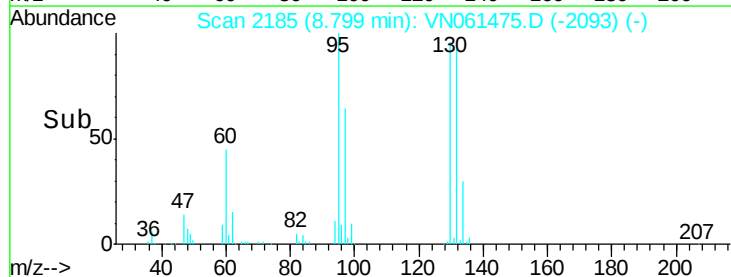
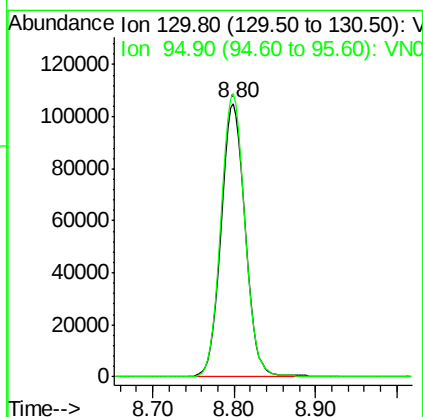
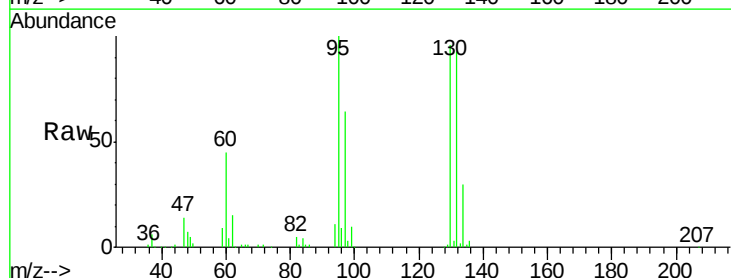
Manual Integrations
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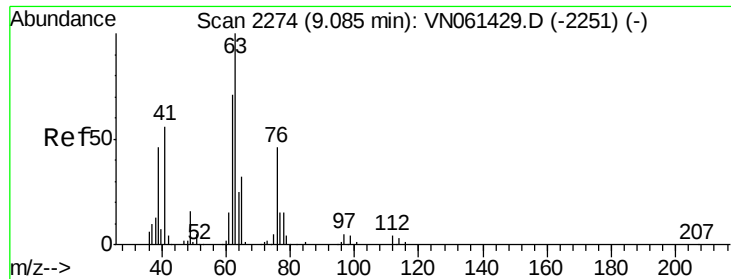
apatel
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#44
Trichloroethene
Concen: 56.003 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	209.8





#45

1,2-Dichloropropane

Concen: 52.252 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 196945

Ion Ratio Lower Upper

63 100

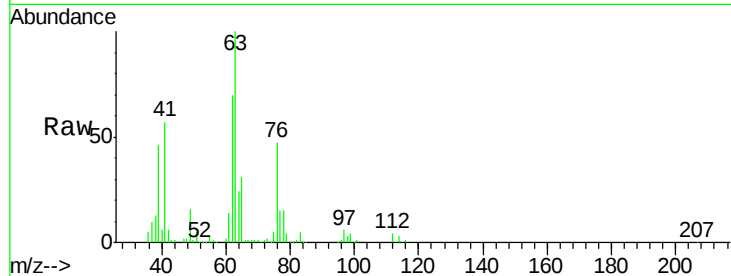
65 30.8 25.2 37.8

Manual Integrations

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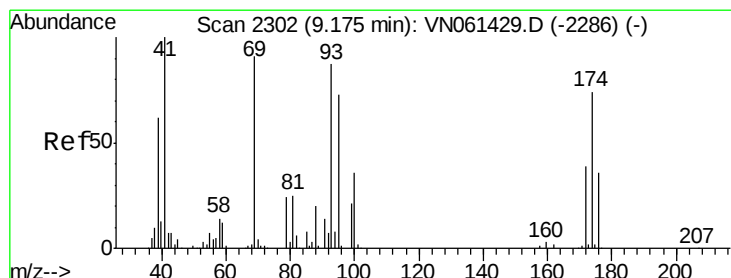
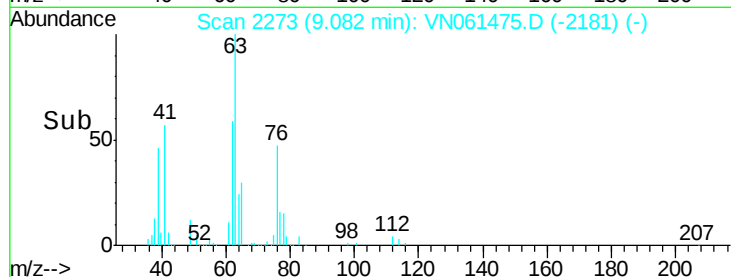
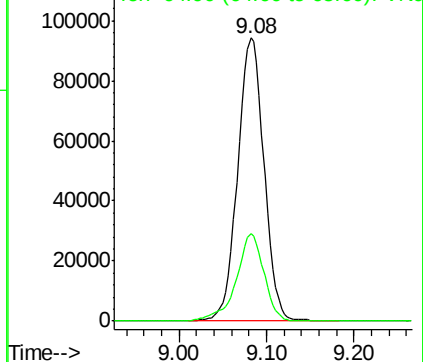
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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 52.892 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

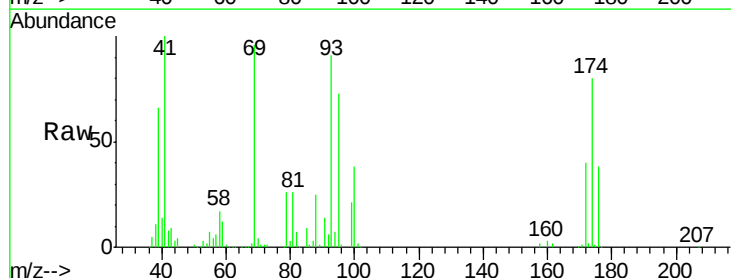
Tgt Ion: 93 Resp: 139756

Ion Ratio Lower Upper

93 100

95 81.2 65.6 98.4

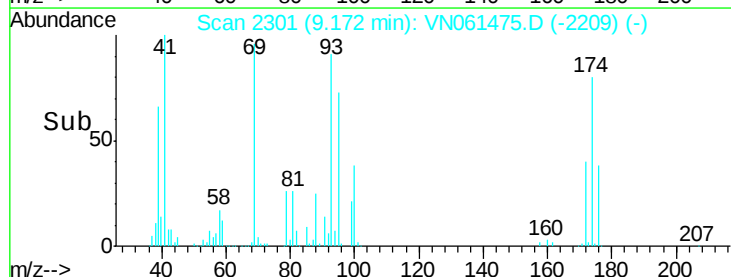
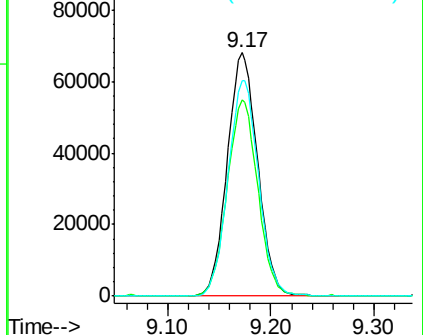
174 89.1 68.0 102.0

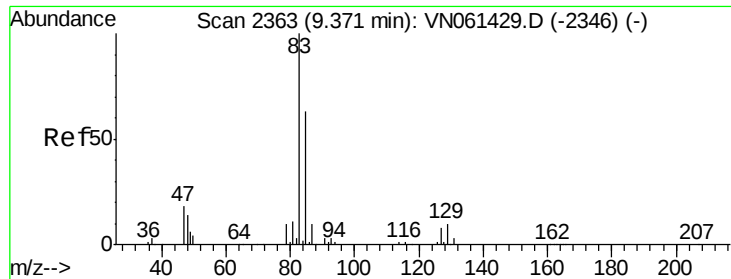


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 52.904 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

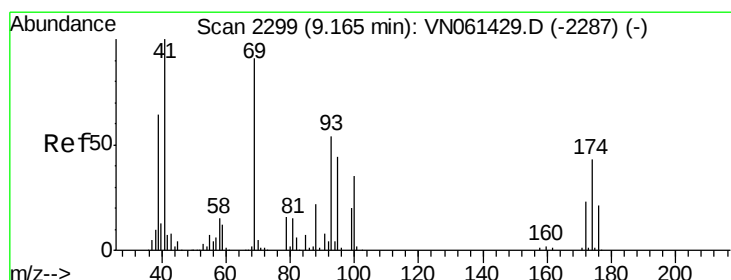
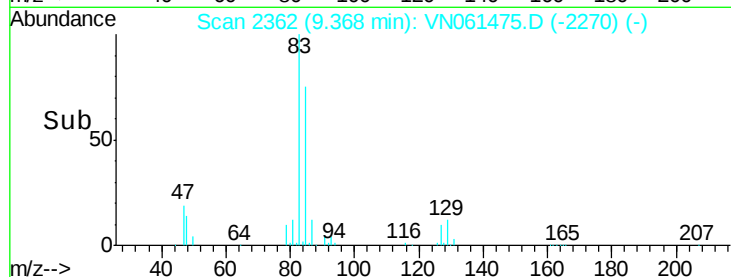
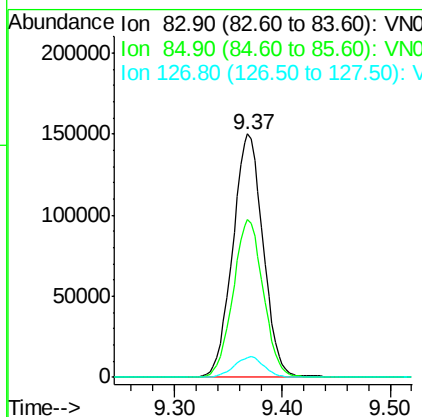
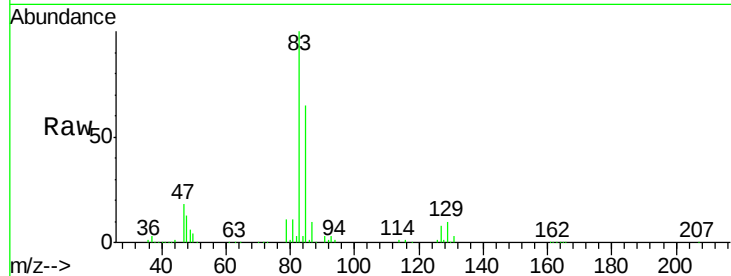
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	294522
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.6	76.0
127	8.3	6.1	9.1

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#48

Methyl methacrylate

Concen: 46.821 ug/l

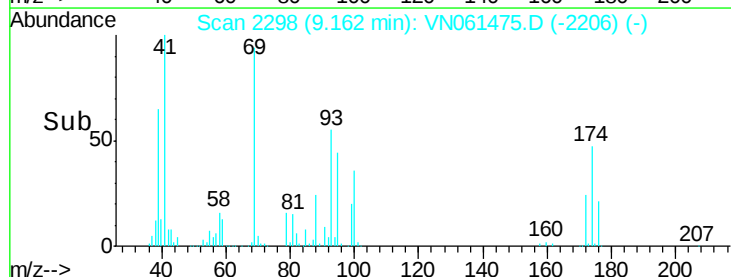
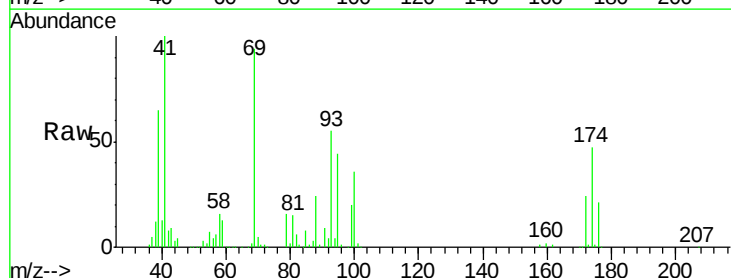
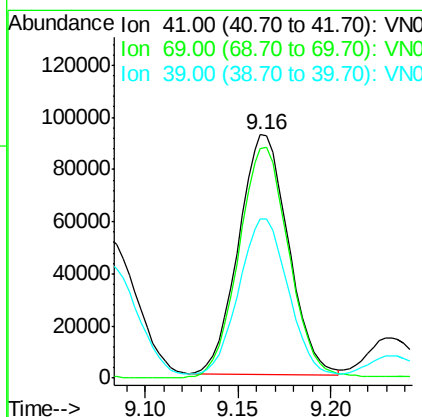
RT: 9.16 min Scan# 2298

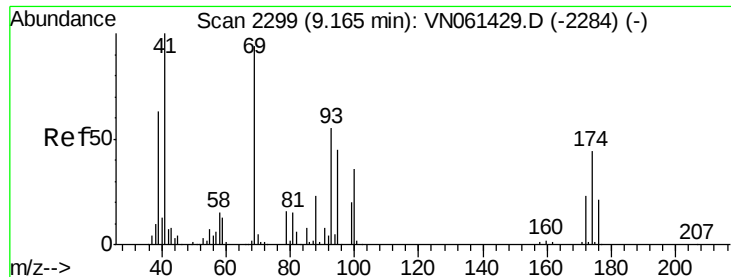
Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	41	Resp:	170950
Ion Ratio	Lower	Upper	
41	100		
69	97.6	75.3	112.9
39	67.0	52.6	79.0





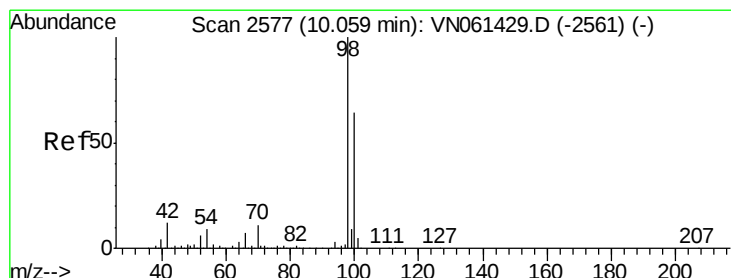
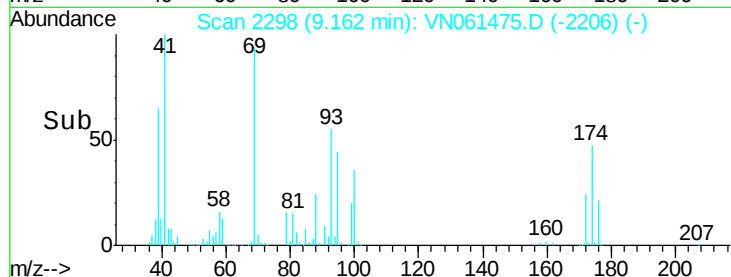
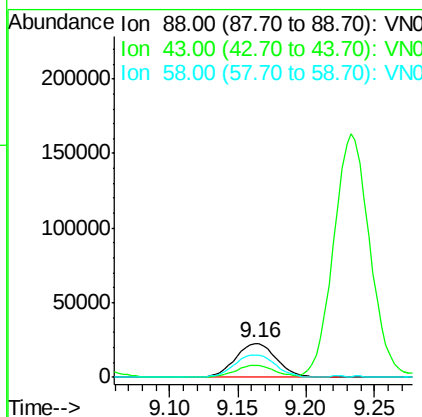
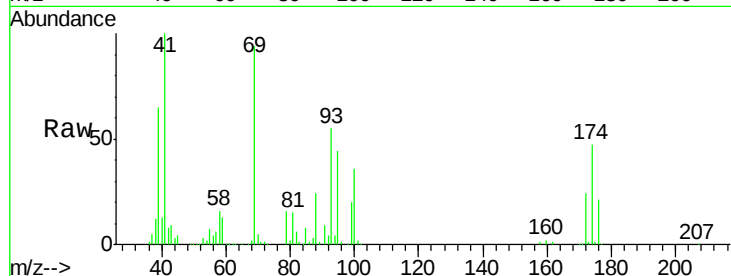
#49
1,4-Dioxane
Concen: 1257.001 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	47900
Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.3	39.5
58	66.1	54.1	81.1

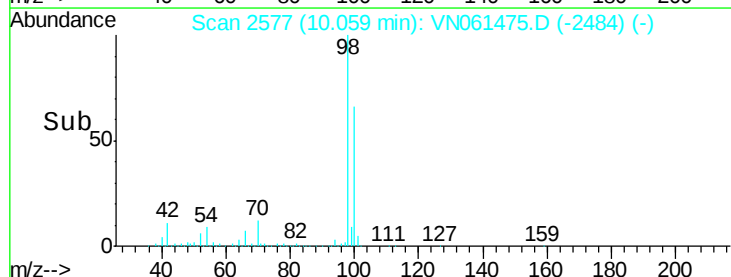
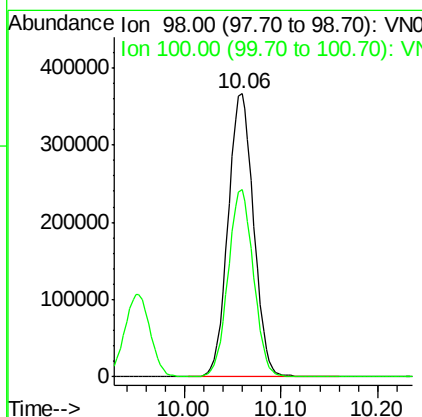
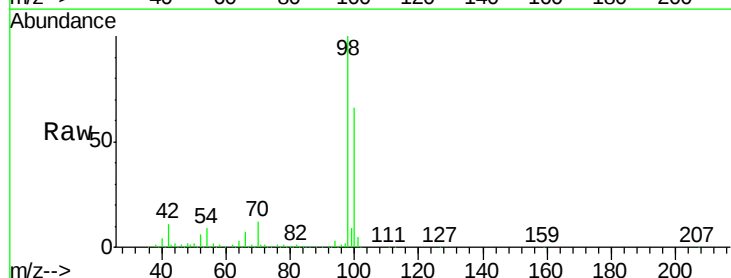
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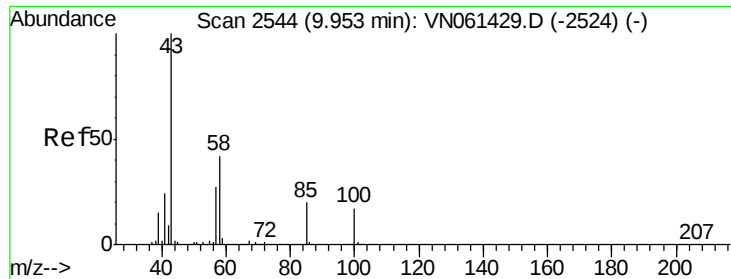
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#50
Toluene-d8
Concen: 51.754 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	98	Resp	672022
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 248.710 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1070828

Ion Ratio Lower Upper

43 100

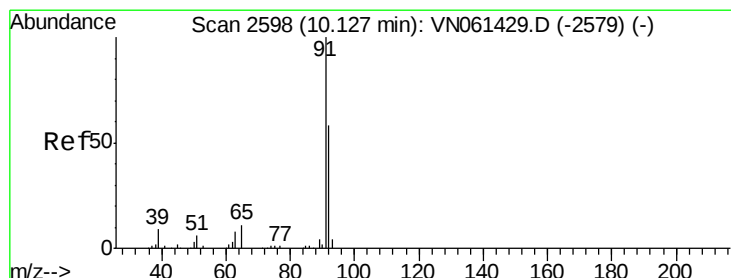
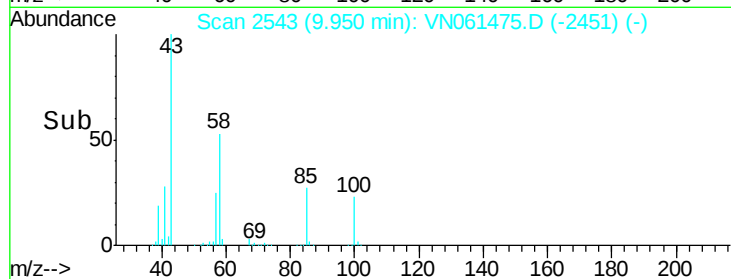
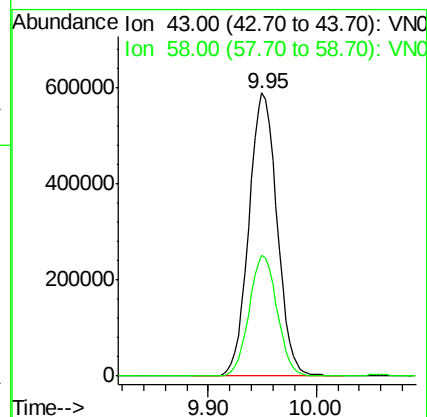
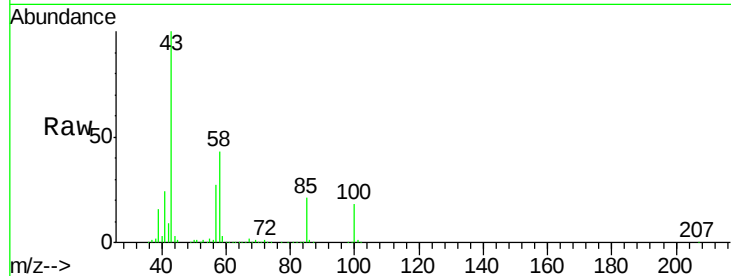
58 42.5 33.4 50.2

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#52

Toluene

Concen: 55.108 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061475.D

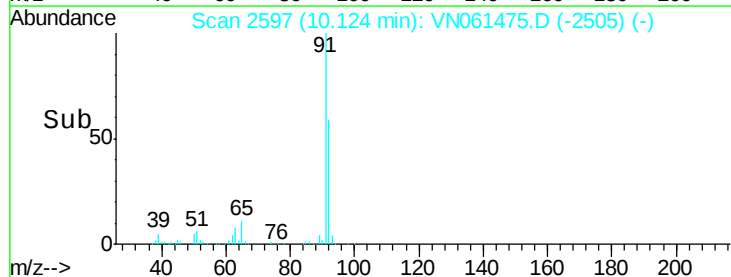
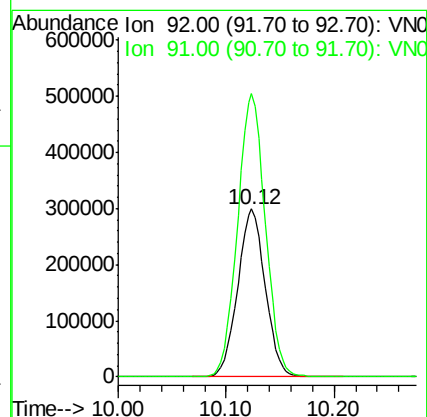
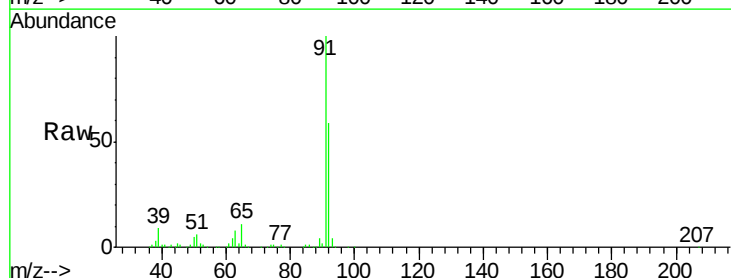
Acq: 19 May 2020 11:28

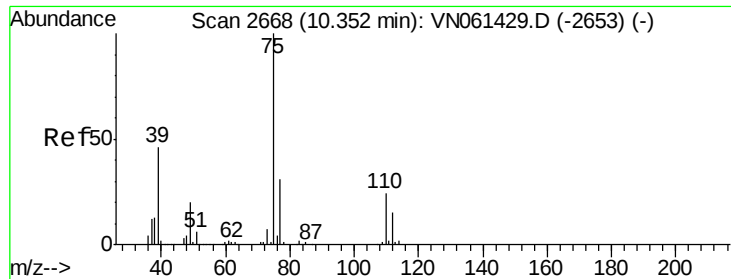
Tgt Ion: 92 Resp: 532767

Ion Ratio Lower Upper

92 100

91 170.5 138.0 207.0





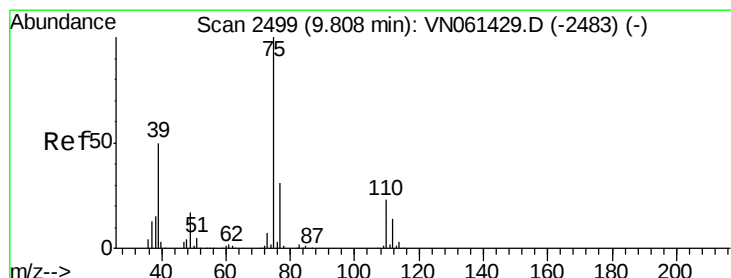
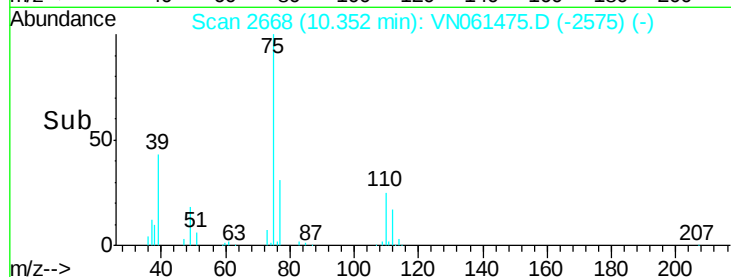
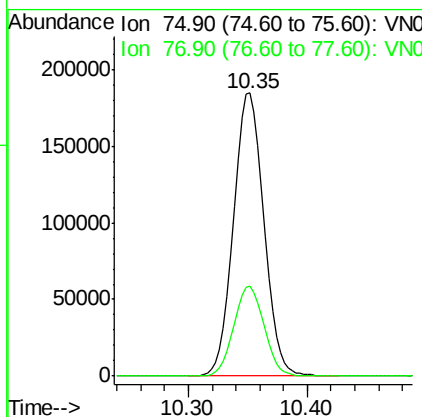
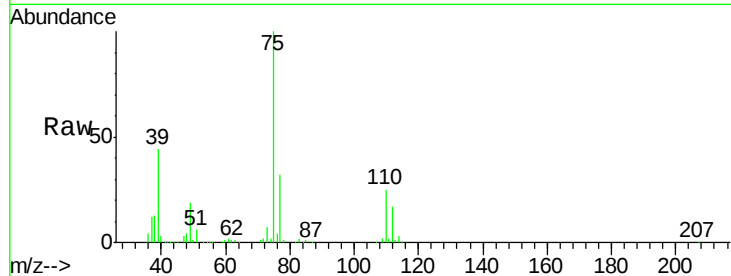
#53
t-1,3-Dichloropropene
Concen: 53.690 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2

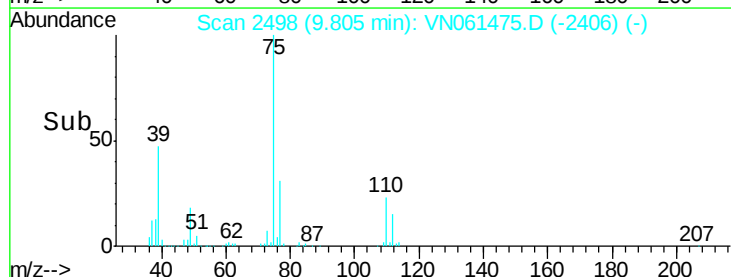
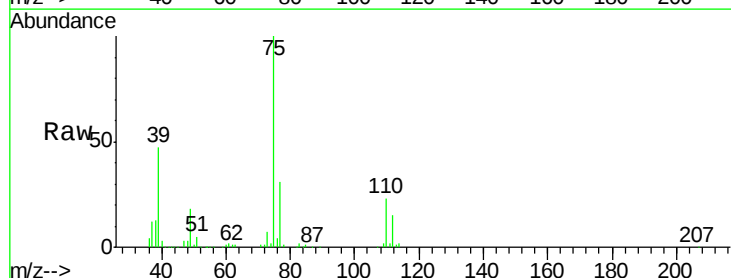
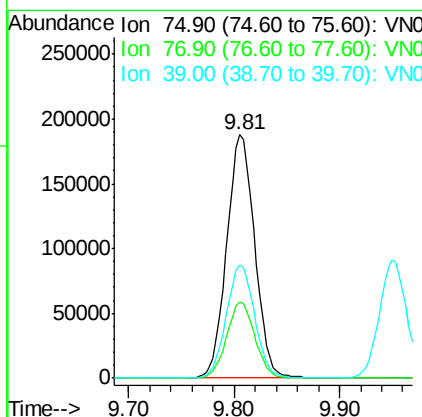
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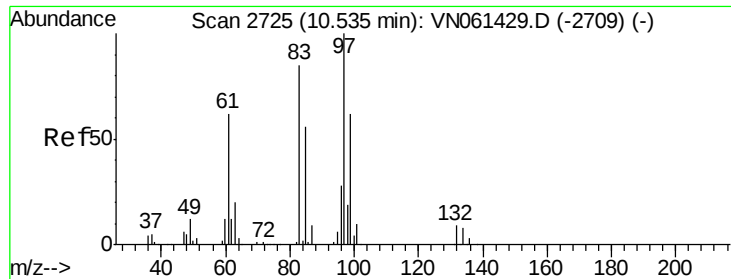
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#54
cis-1,3-Dichloropropene
Concen: 53.196 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2
39	46.5	39.8	59.6





#55

1,1,2-Trichloroethane

Concen: 54.584 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

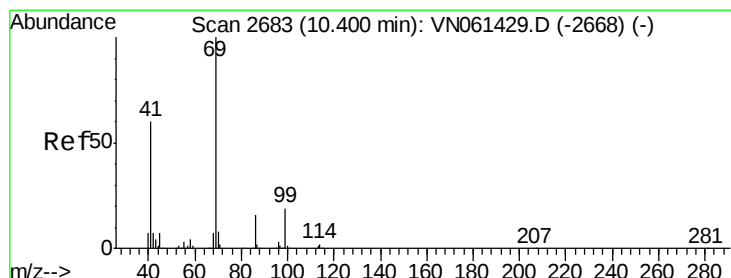
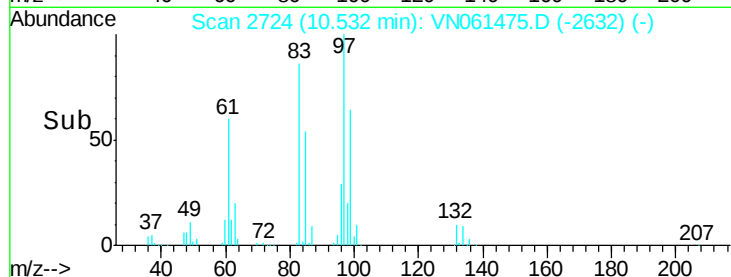
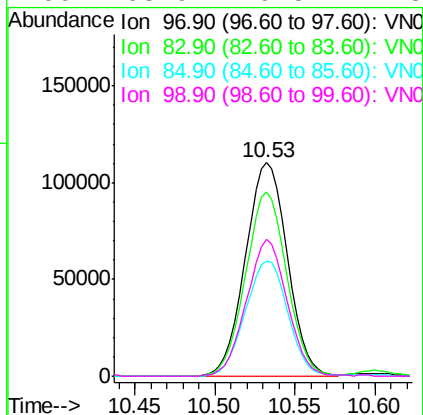
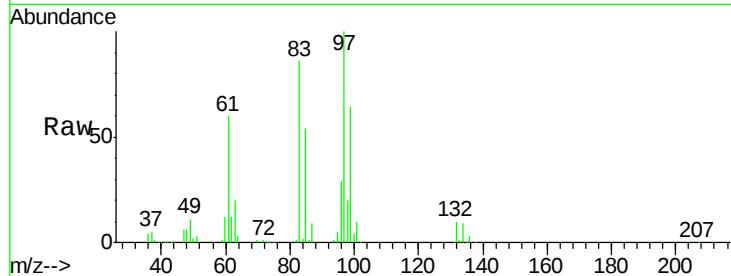
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	199505
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.2	102.4
85	54.1	44.6	67.0
99	63.9	49.5	74.3

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#56

Ethyl methacrylate

Concen: 53.778 ug/l

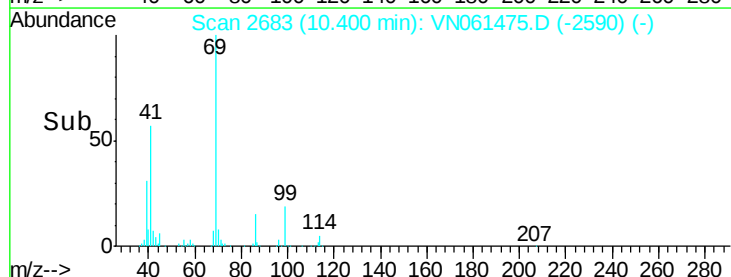
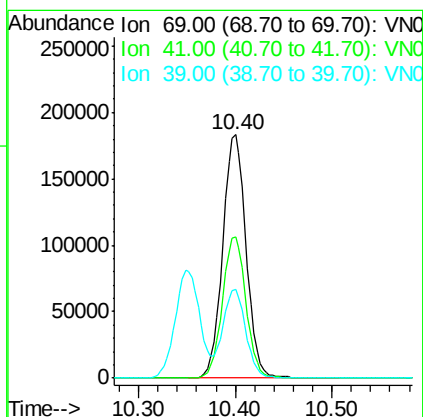
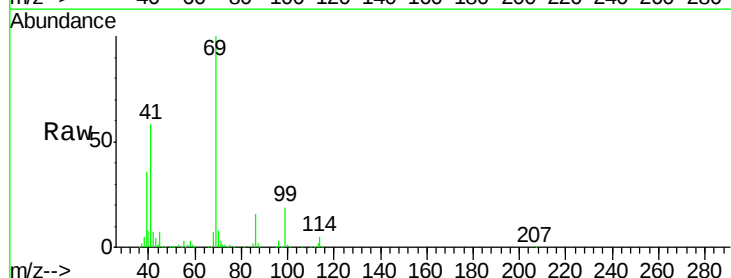
RT: 10.40 min Scan# 2683

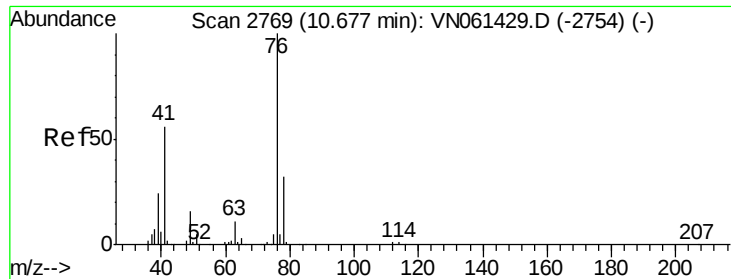
Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	69	Resp:	307296
Ion	Ratio	Lower	Upper
69	100		
41	57.7	48.3	72.5
39	36.1	30.2	45.2





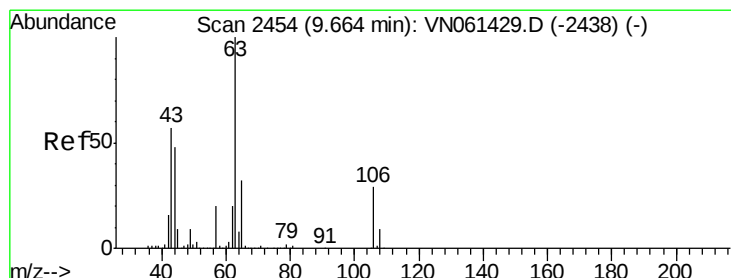
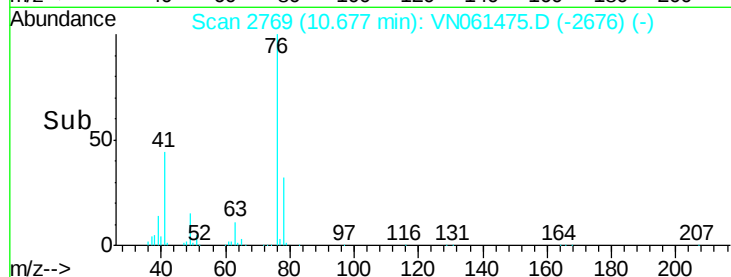
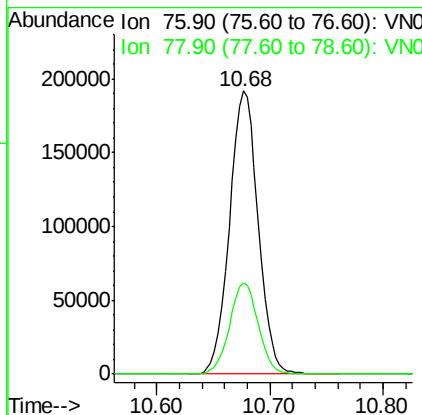
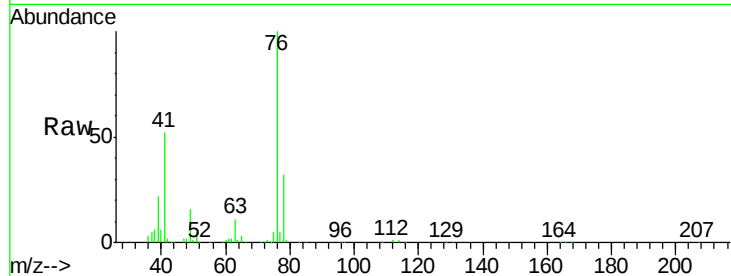
#57
 1,3-Dichloropropane
 Concen: 53.460 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0

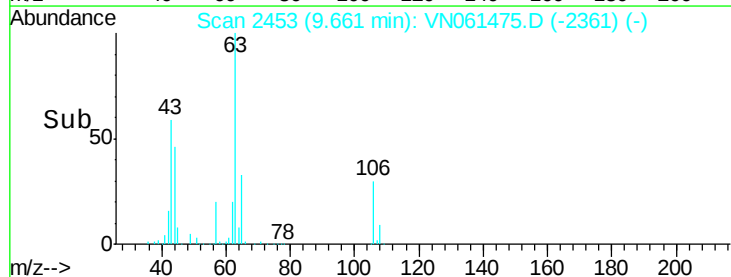
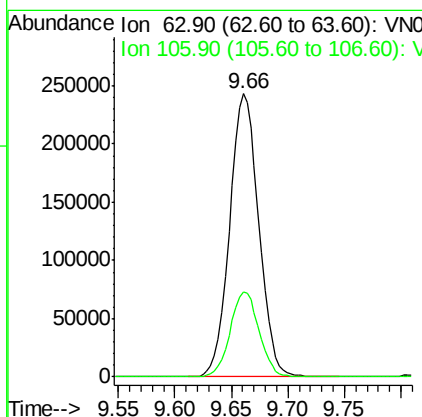
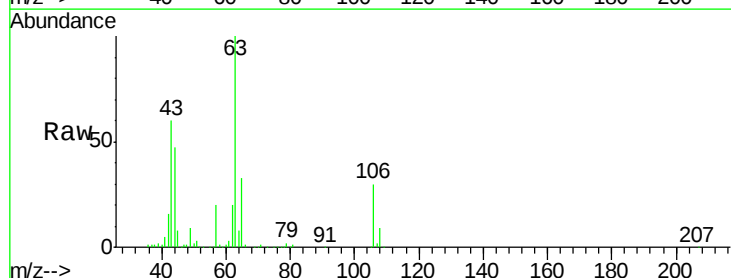
Manual Integrations
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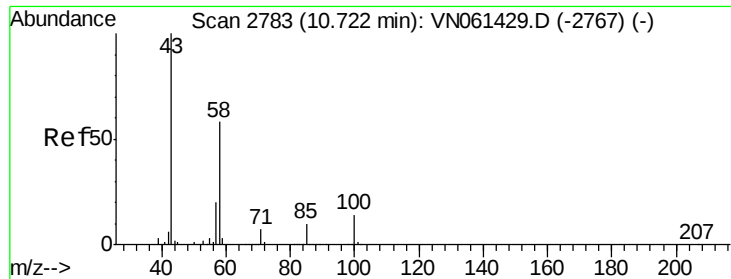
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#58
 2-Chloroethyl Vinyl ether
 Concen: 173.593 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	22.7	34.1





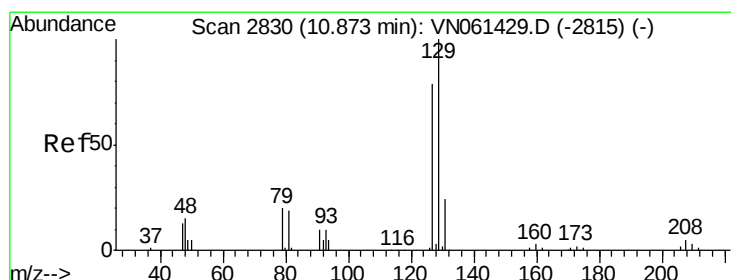
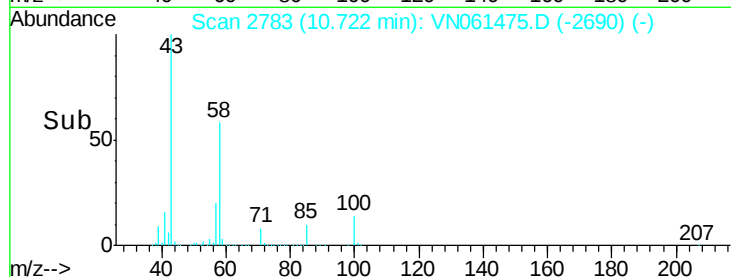
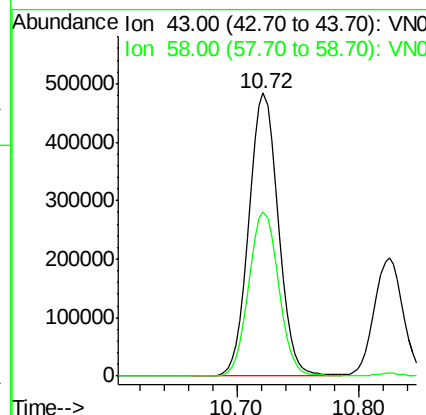
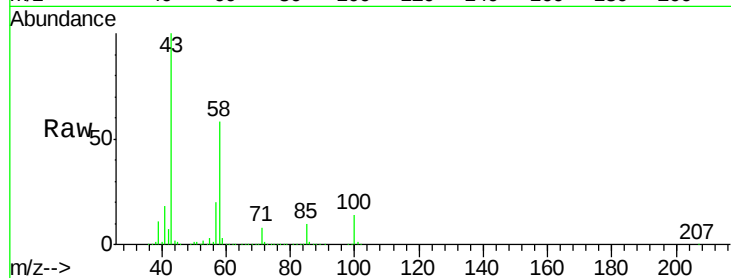
#59
2-Hexanone
Concen: 257.038 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 800674
Ion Ratio Lower Upper
43 100
58 59.2 29.2 87.6

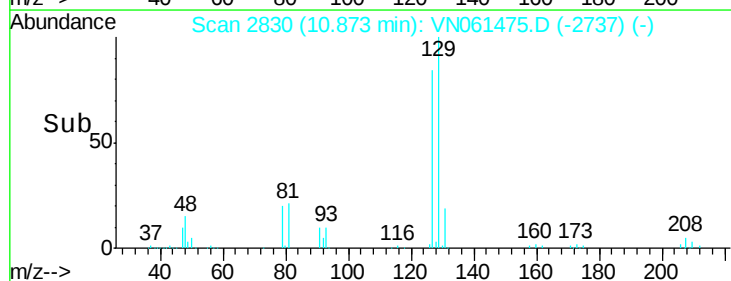
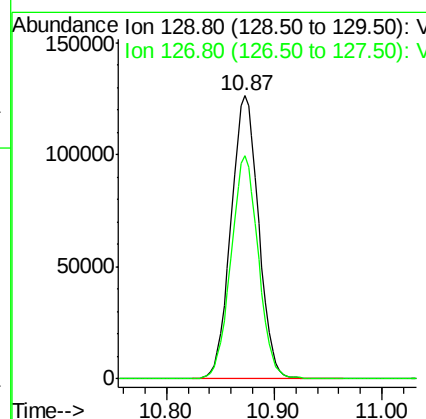
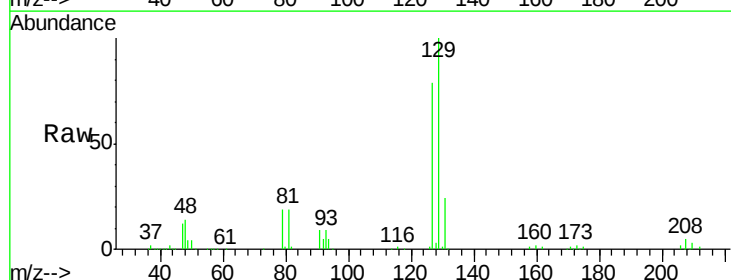
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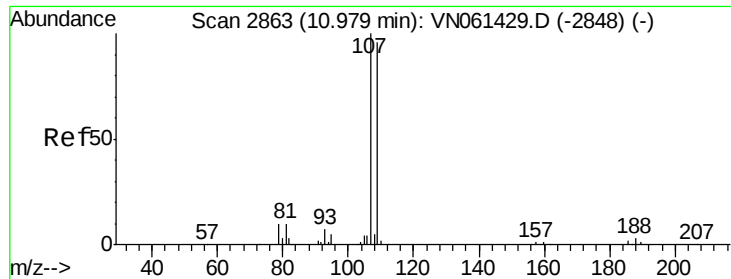
apatel
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#60
Dibromochloromethane
Concen: 55.780 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion: 129 Resp: 225522
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 55.003 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 211378

Ion Ratio Lower Upper

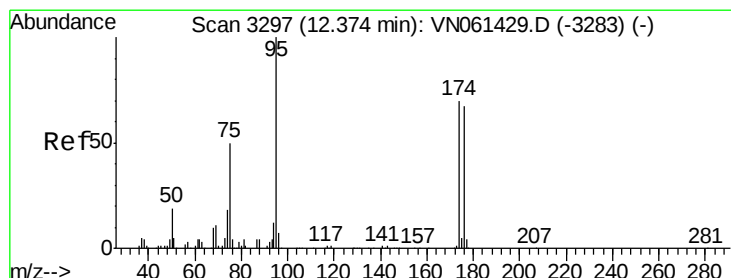
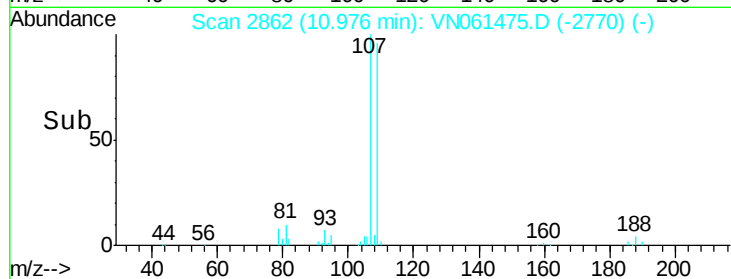
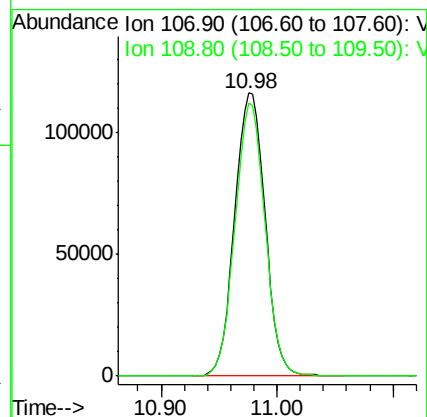
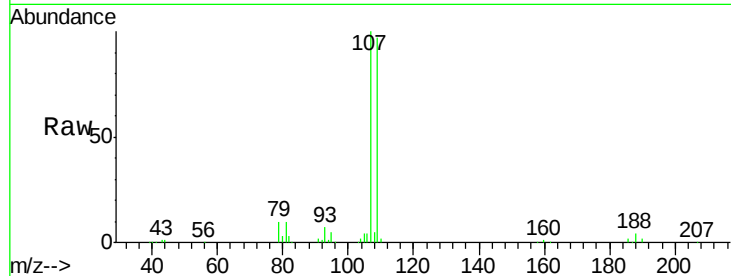
107 100

109 95.0 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 53.590 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

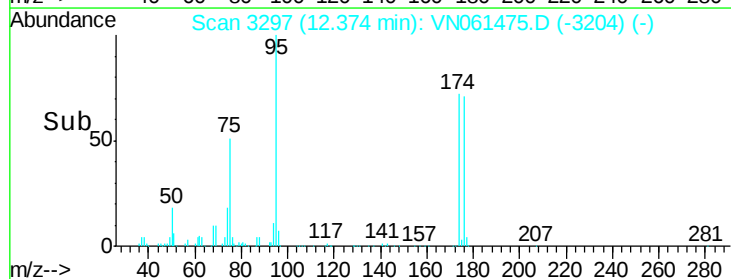
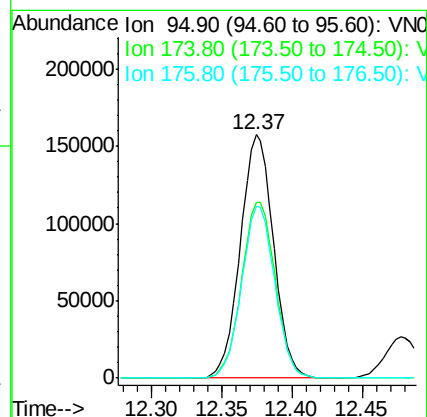
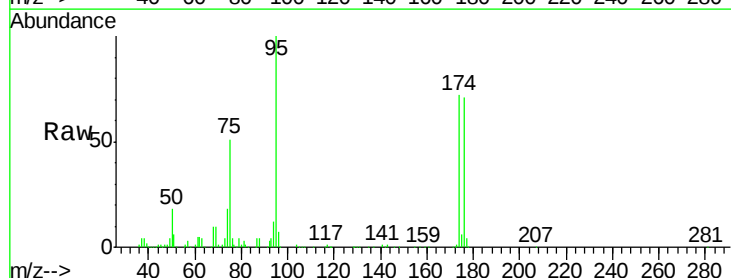
Tgt Ion: 95 Resp: 259981

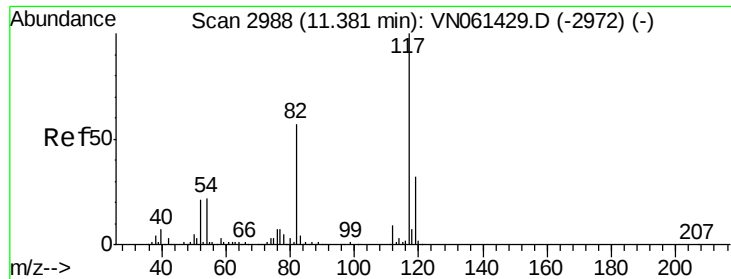
Ion Ratio Lower Upper

95 100

174 73.5 0.0 141.2

176 70.7 0.0 137.6





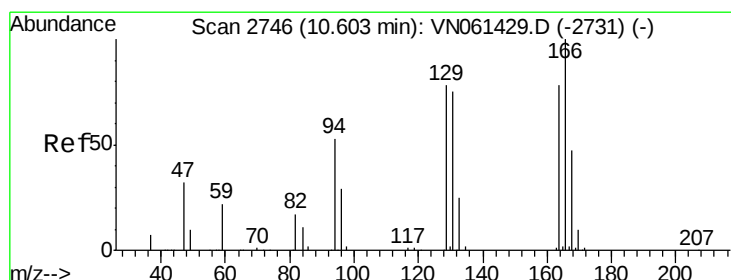
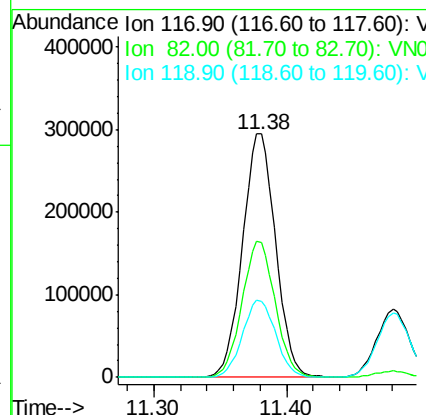
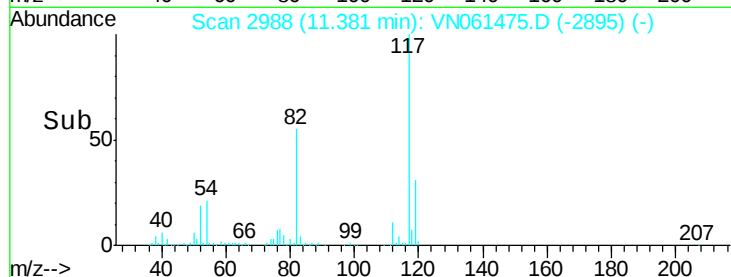
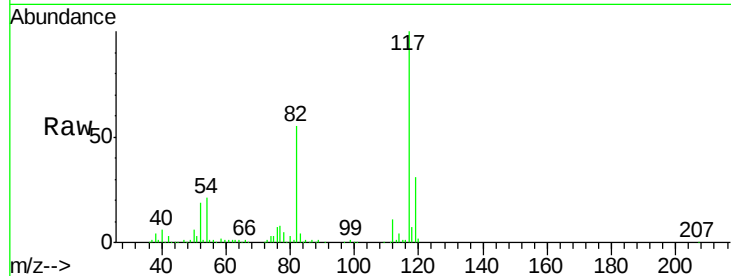
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	511194		
82	55.3	45.2	67.8	
119	31.4	25.3	37.9	

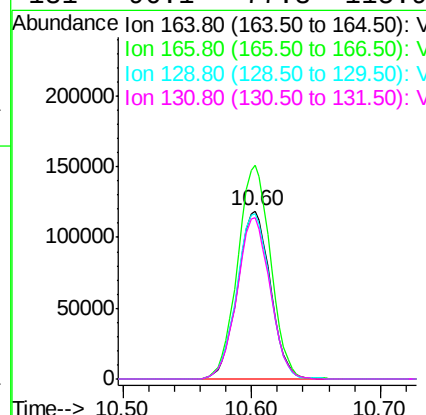
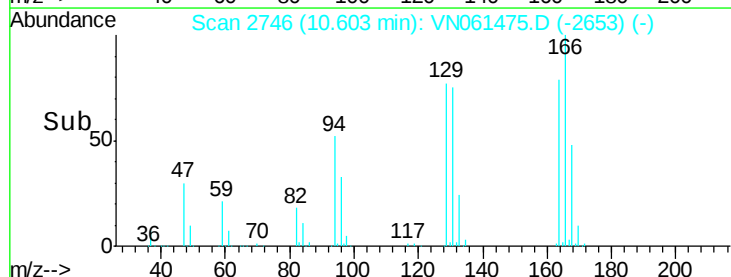
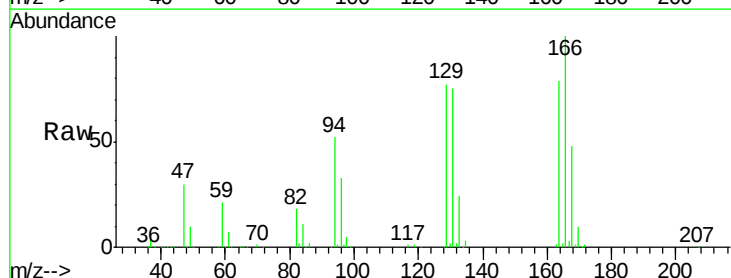
Manual Integrations
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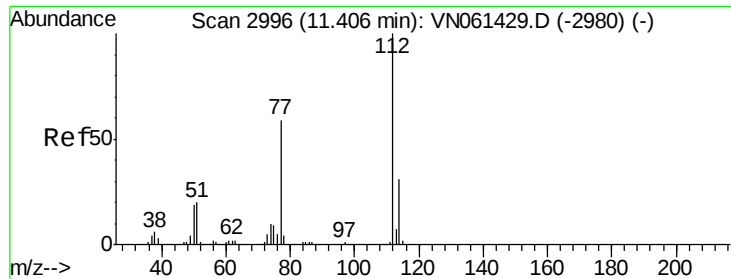
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#64
Tetrachloroethene
Concen: 53.301 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	210795		
166	127.3	103.2	154.8	
129	98.3	81.0	121.4	
131	96.1	77.3	115.9	





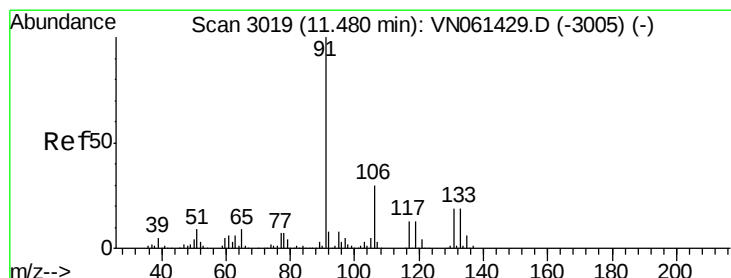
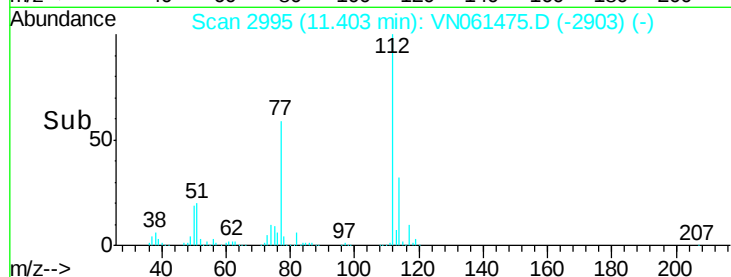
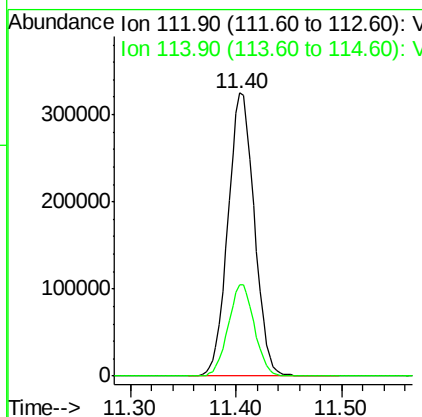
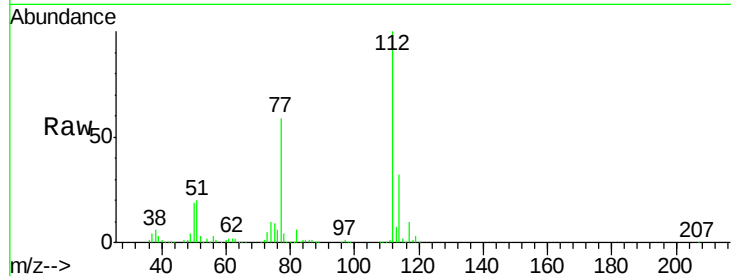
#65
Chlorobenzene
Concen: 53.839 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 561245
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

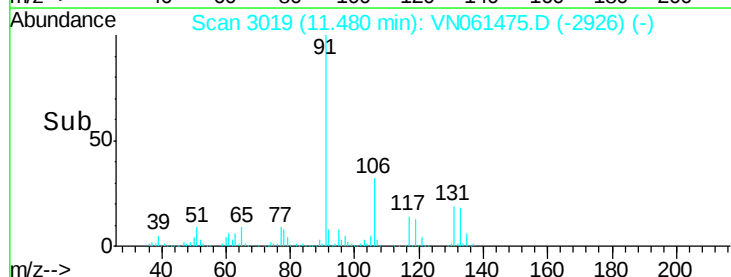
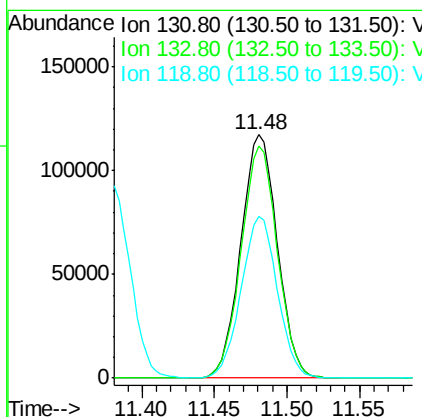
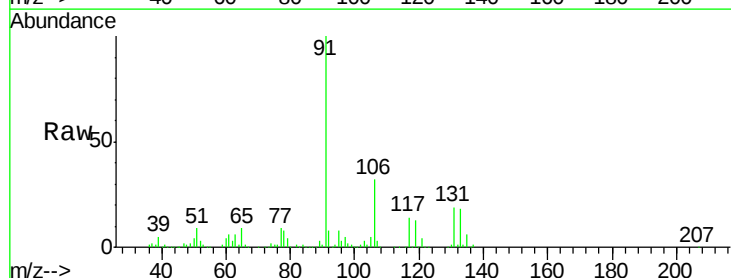
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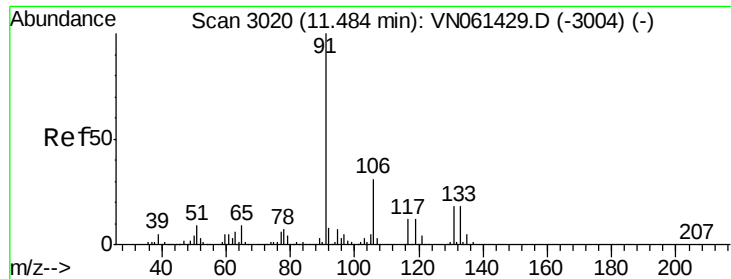
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.958 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion:131 Resp: 205387
Ion Ratio Lower Upper
131 100
133 95.2 48.7 146.1
119 66.2 33.8 101.3





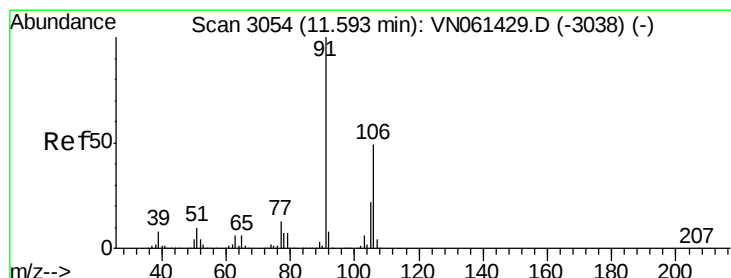
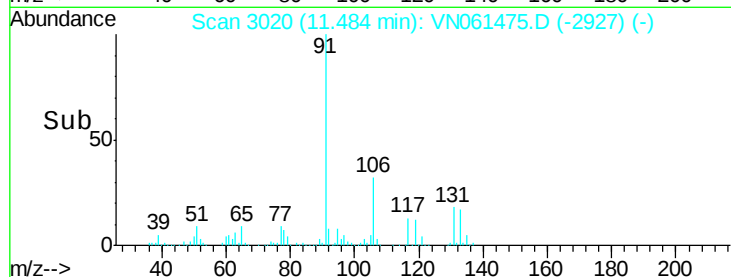
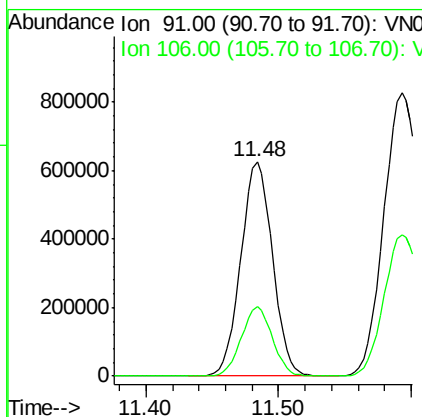
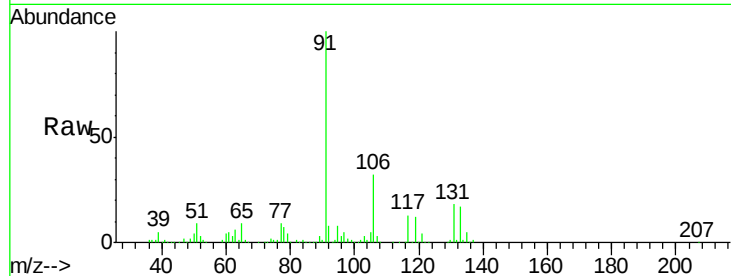
#67
Ethyl Benzene
Concen: 54.688 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1040635
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

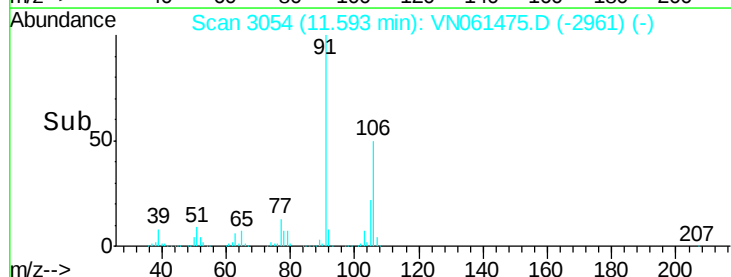
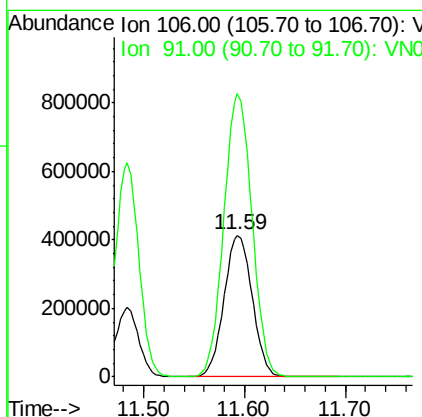
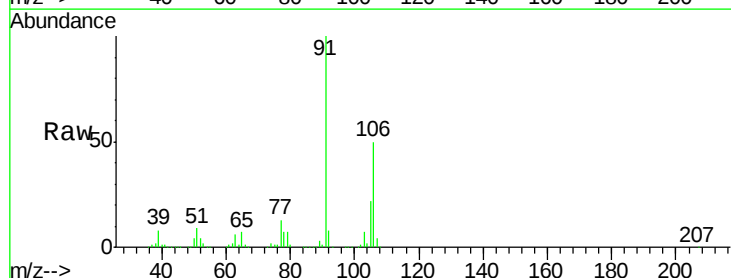
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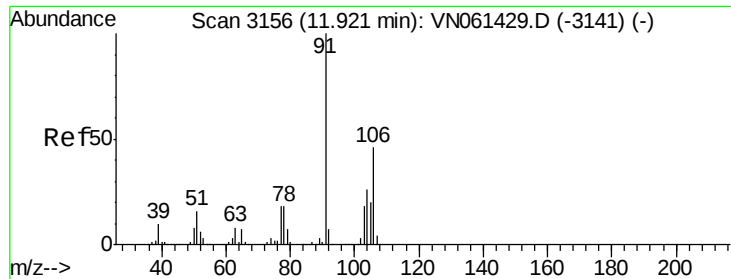
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#68
m/p-Xylenes
Concen: 111.629 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion: 106 Resp: 806269
Ion Ratio Lower Upper
106 100
91 200.3 163.0 244.6





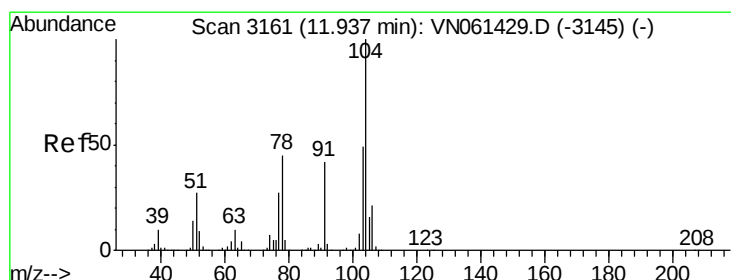
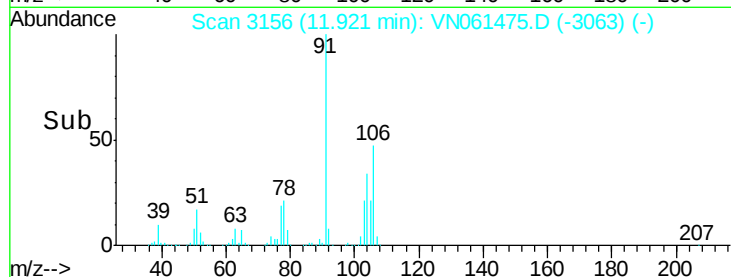
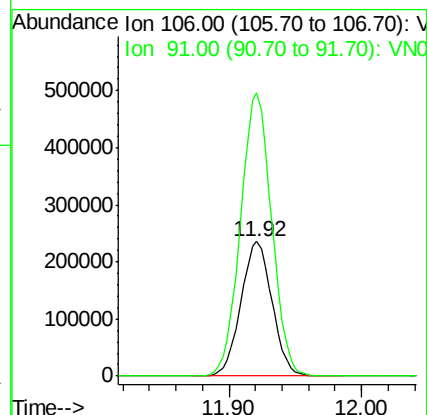
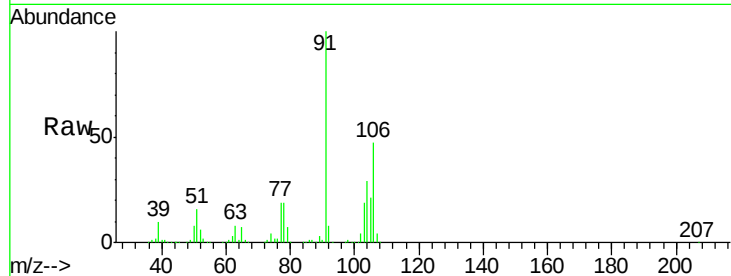
#69
o-Xylene
Concen: 54.871 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.3	107.9	383524		323.7

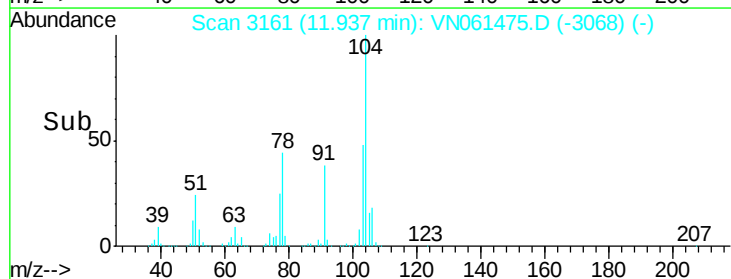
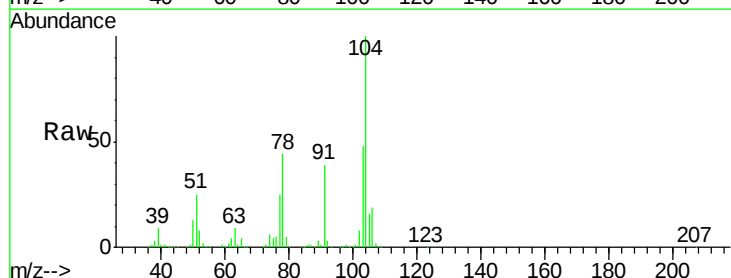
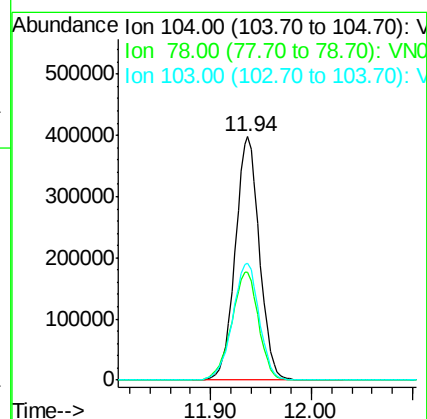
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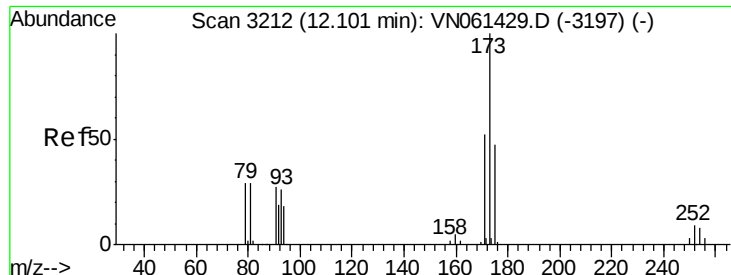
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#70
Styrene
Concen: 57.276 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.6	40.7	662941		61.1
103	52.8	43.0			64.4





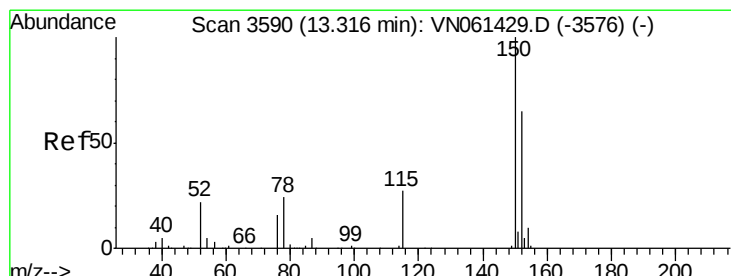
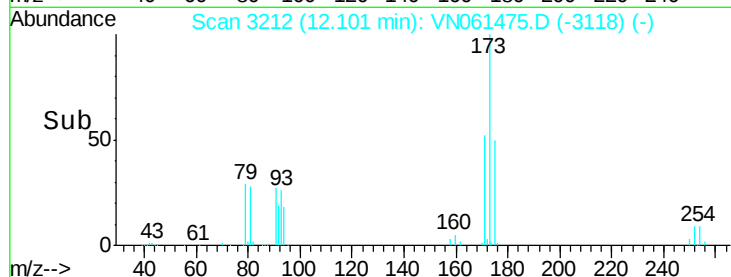
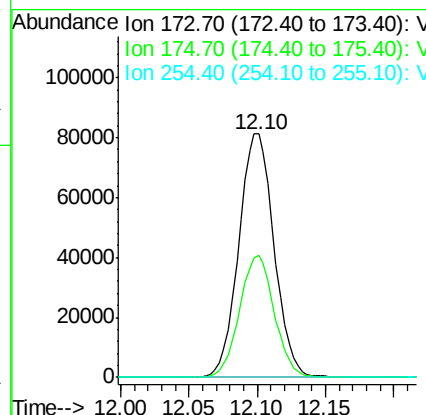
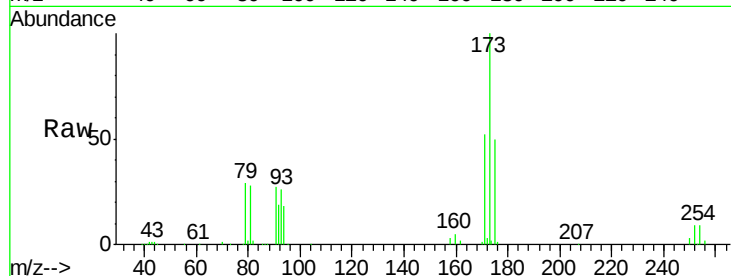
#71
Bromoform
Concen: 50.162 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.8
254	0.0	0.0	0.0

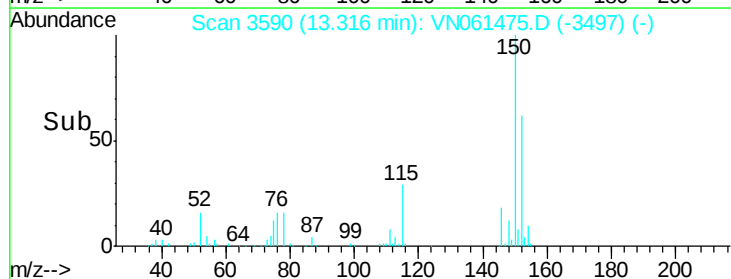
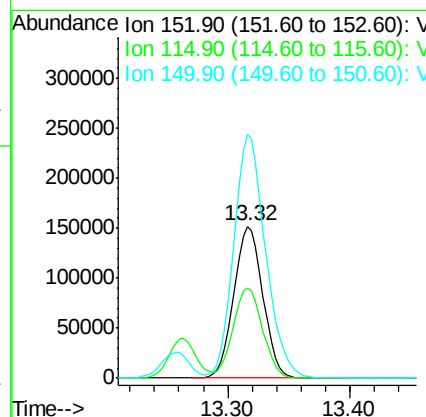
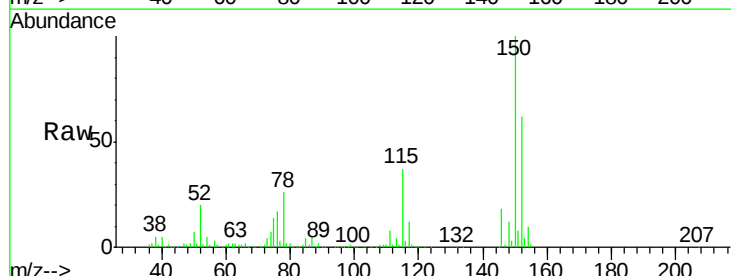
Manual Integrations
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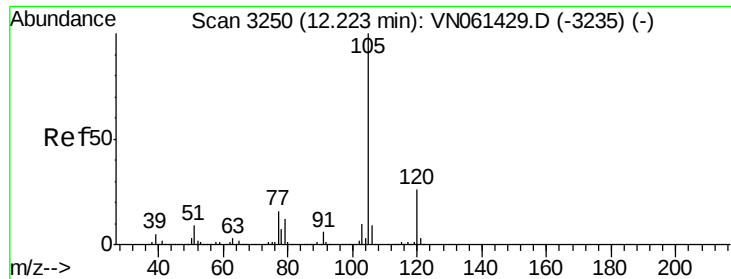
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.9	92.5
150	175.5	0.0	349.2





#73

Isopropylbenzene

Concen: 49.557 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1000462

Ion Ratio Lower Upper

105 100

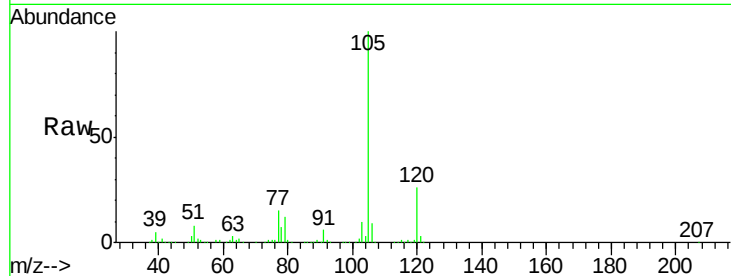
120 26.5 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

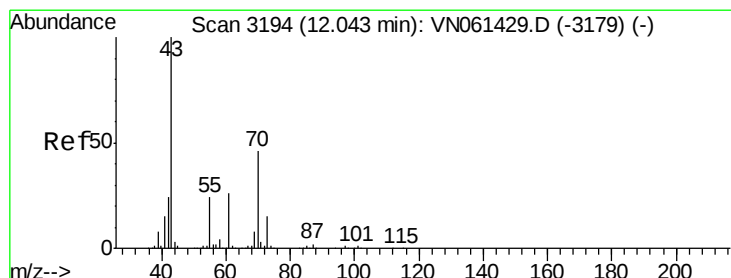
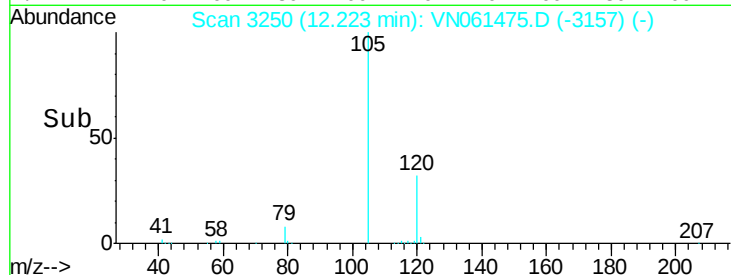
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 46.835 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion: 43 Resp: 346088

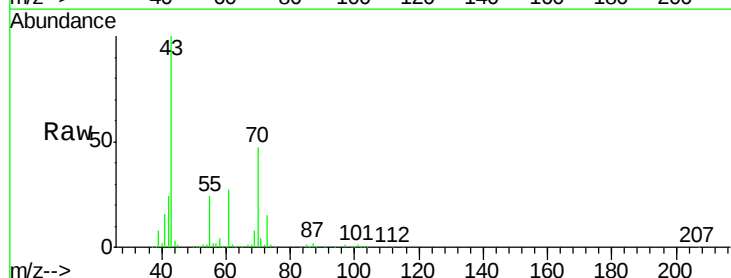
Ion Ratio Lower Upper

43 100

70 47.9 37.0 55.4

55 24.9 19.5 29.3

61 26.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.04

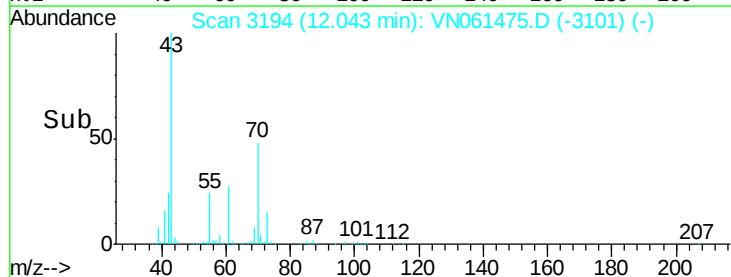
300000

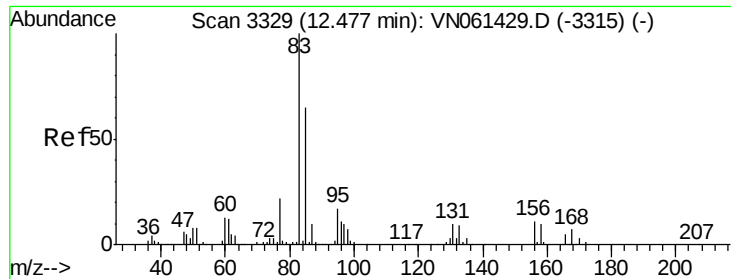
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.356 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

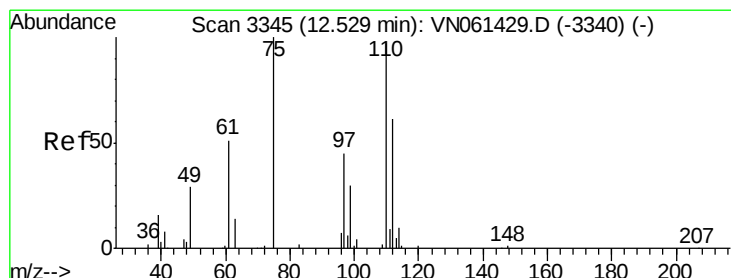
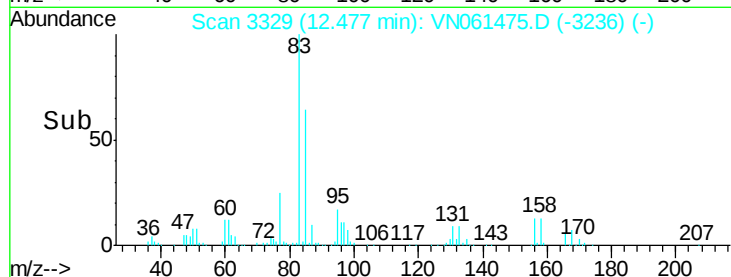
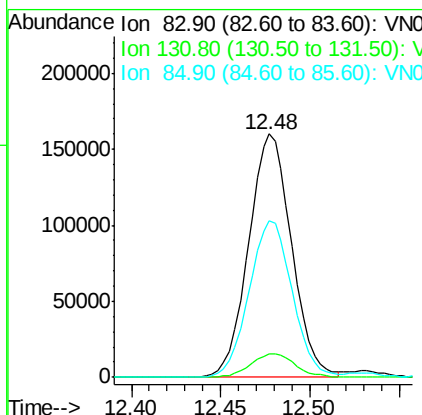
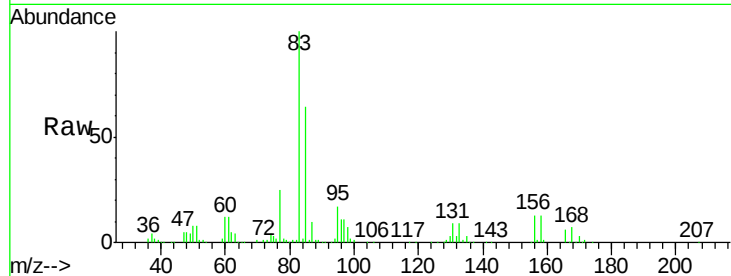
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	268580
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.4
85	64.8	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.731 ug/l m

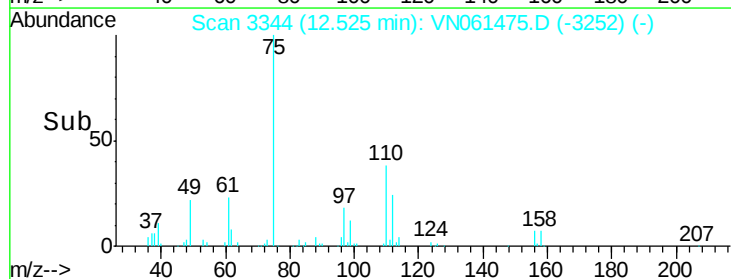
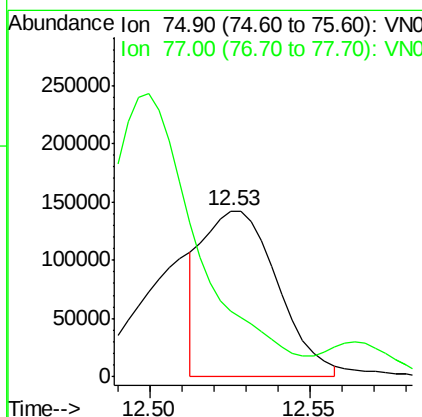
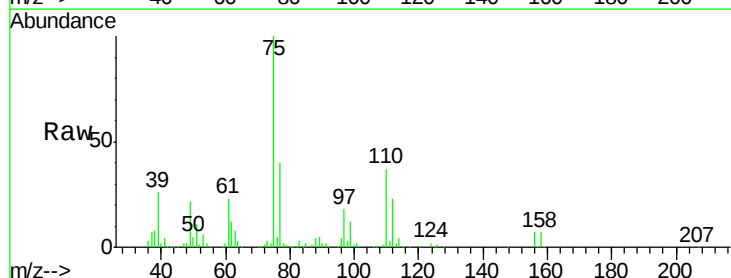
RT: 12.53 min Scan# 3344

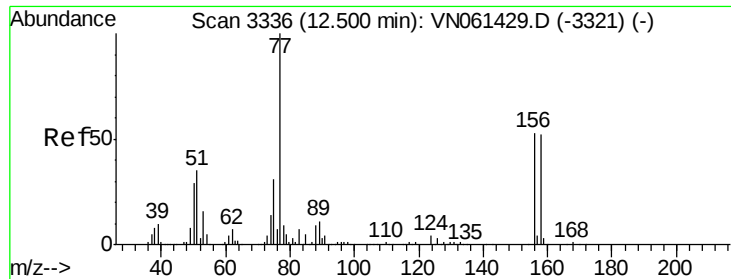
Delta R.T. -0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	75	Resp:	230573
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





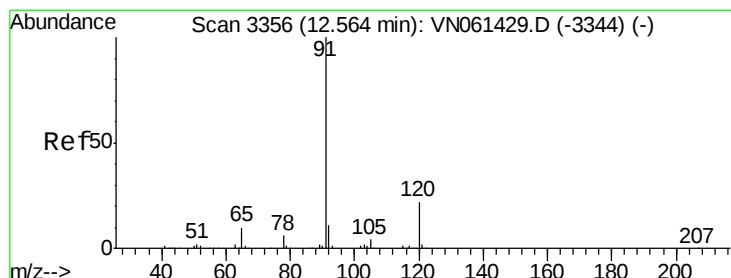
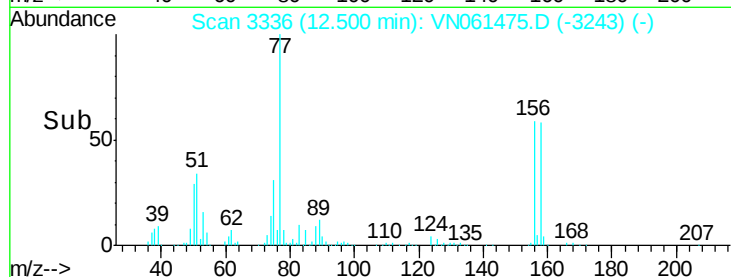
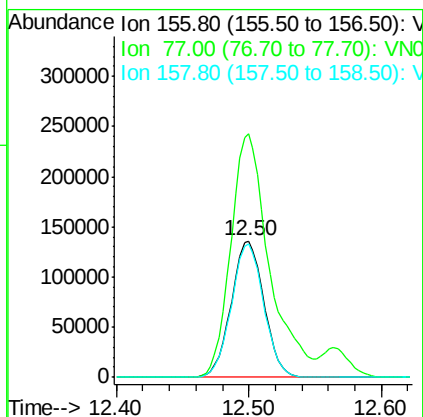
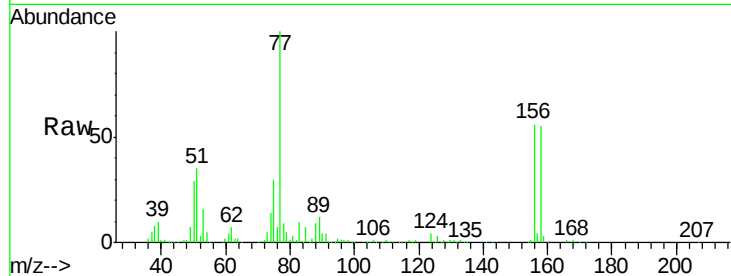
#77
Bromobenzene
Concen: 52.991 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	210.7	112.3	336.9
158	97.3	47.9	143.6

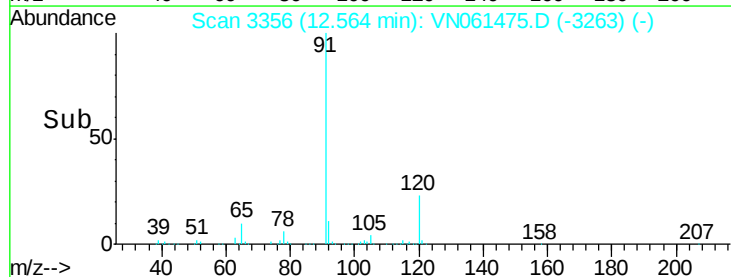
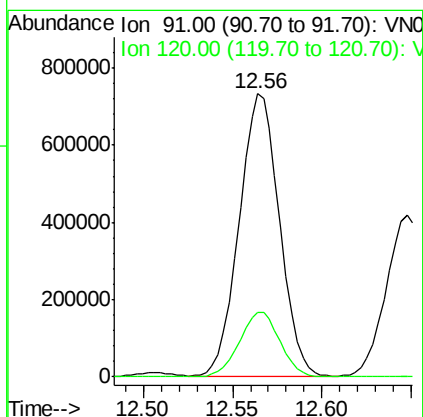
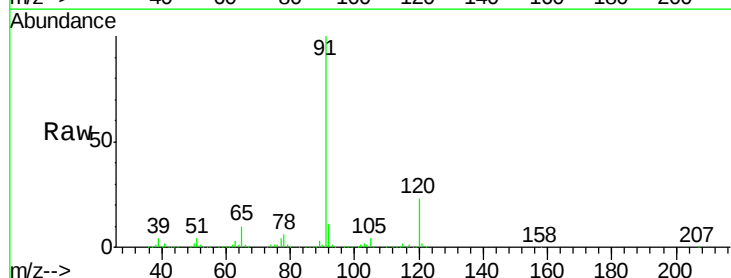
Manual Integrations
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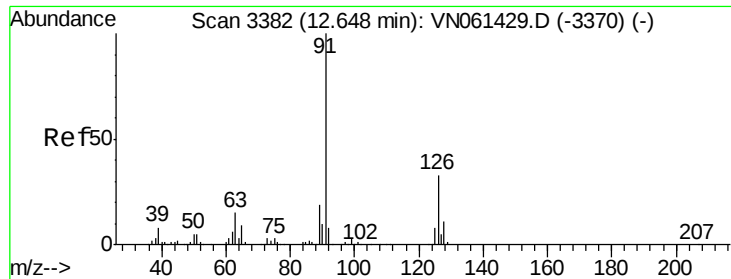
apatel
5/22/2020 11:28:47 AM



#78
n-propylbenzene
Concen: 49.962 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.2	33.6





#79

2-Chlorotoluene

Concen: 49.880 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 678171

Ion Ratio Lower Upper

91 100

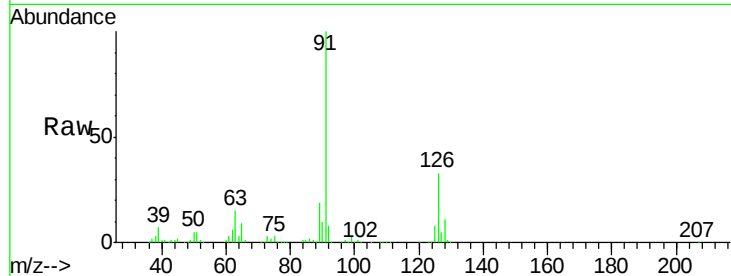
126 33.6 16.3 48.9

Manual Integrations

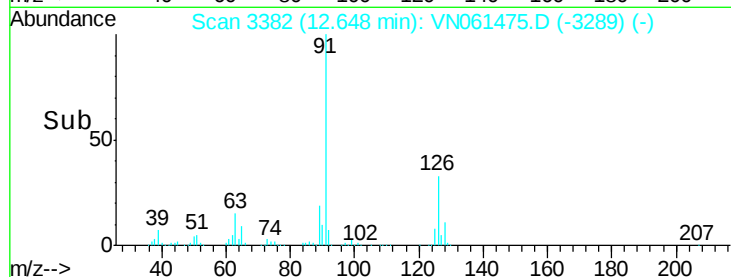
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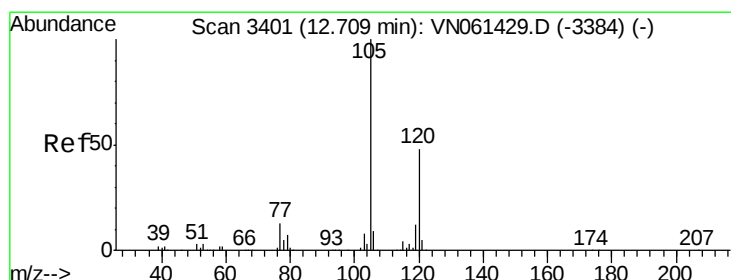
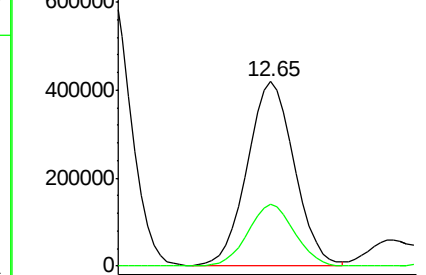
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Abundance Ion 91.00 (90.70 to 91.70): VN061475.D (-3289) (-)



Ion 125.90 (125.60 to 126.60): VN061475.D (-3289) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.618 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061475.D

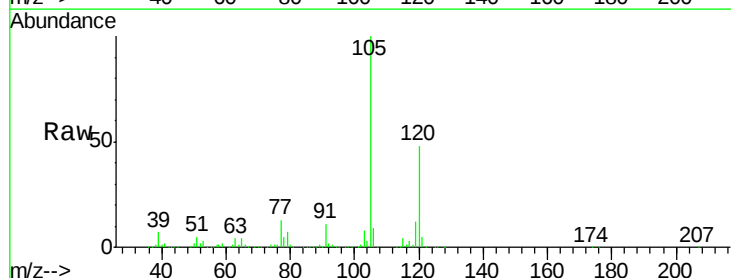
Acq: 19 May 2020 11:28

Tgt Ion: 105 Resp: 836696

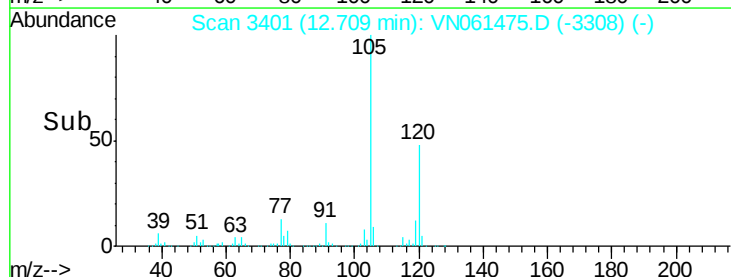
Ion Ratio Lower Upper

105 100

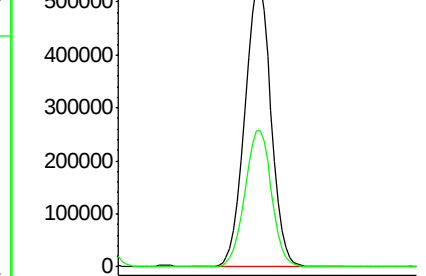
120 48.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN061475.D (-3308) (-)



Ion 120.00 (119.70 to 120.70): VN061475.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.645 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

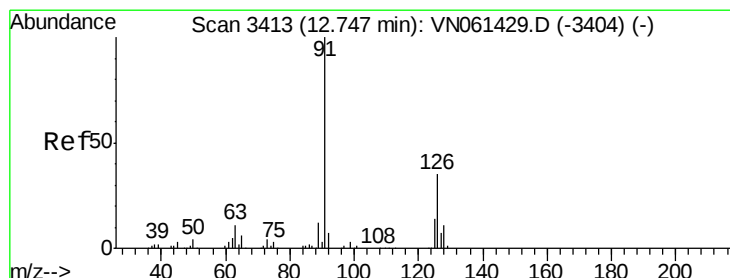
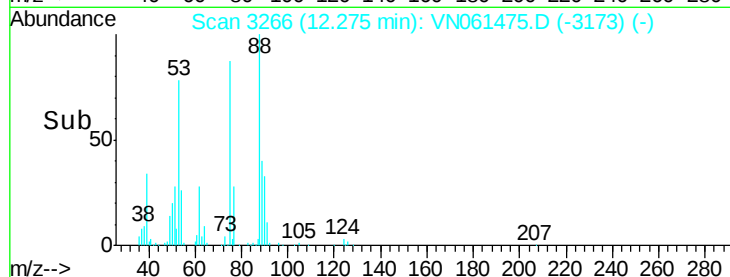
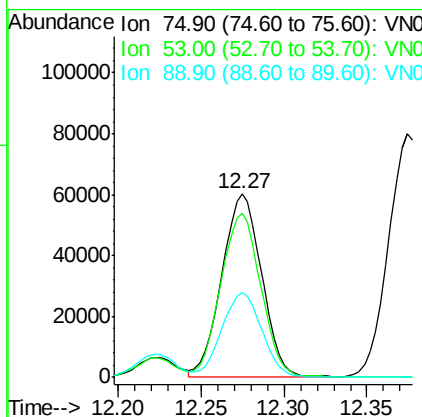
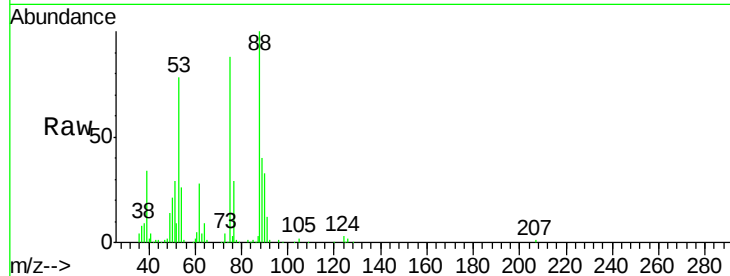
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	100982
Ion	Ratio	Lower	Upper
75	100		
53	90.4	75.2	112.8
89	46.1	38.2	57.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.657 ug/l

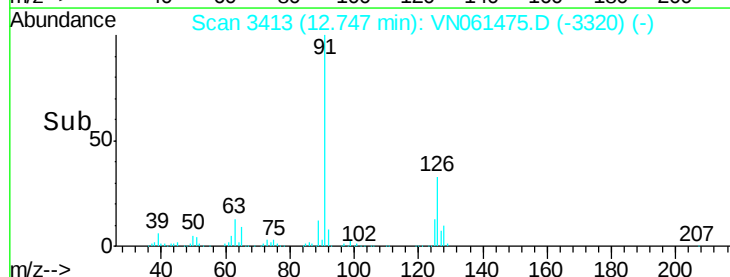
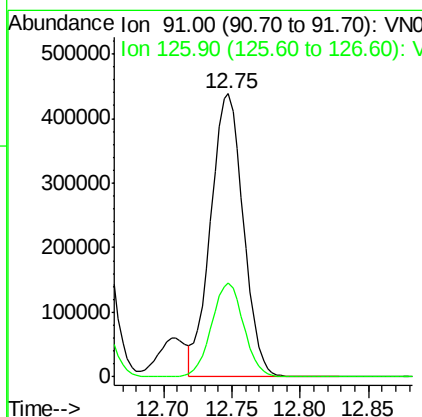
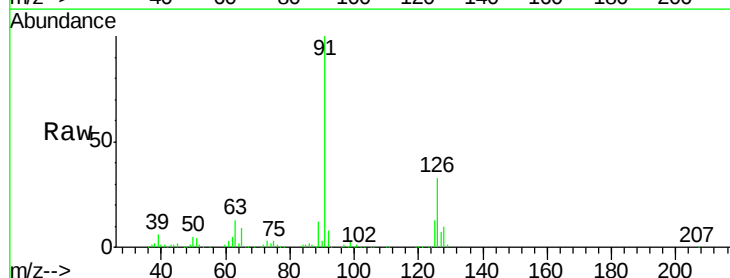
RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	91	Resp:	727234
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.2





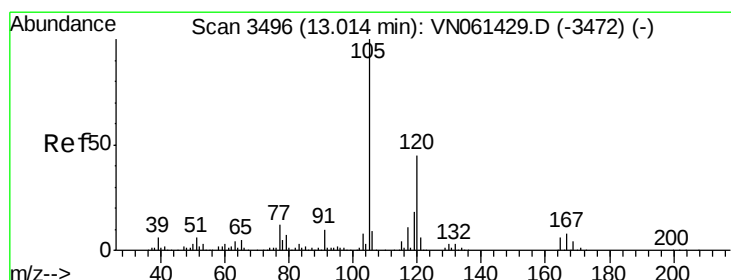
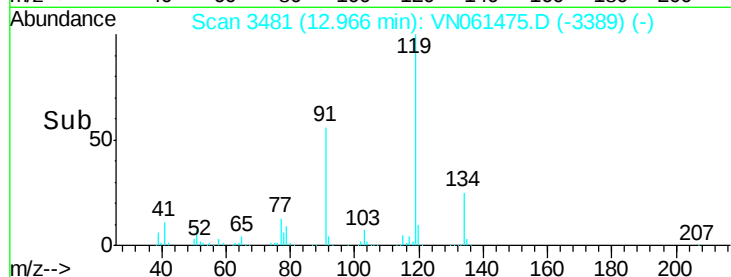
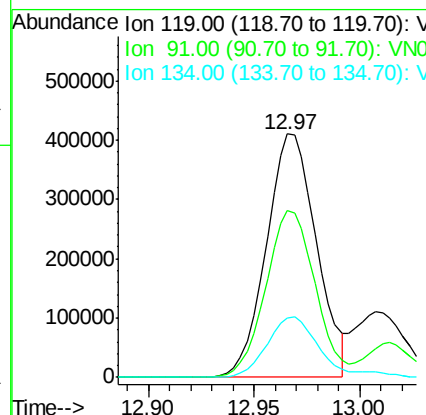
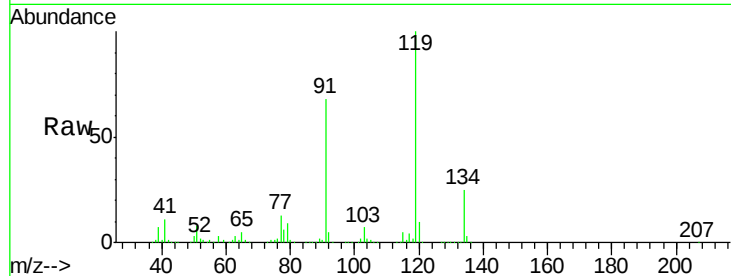
#83
 tert-Butylbenzene
 Concen: 47.942 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.7	101.0
134	26.5	12.8	38.3

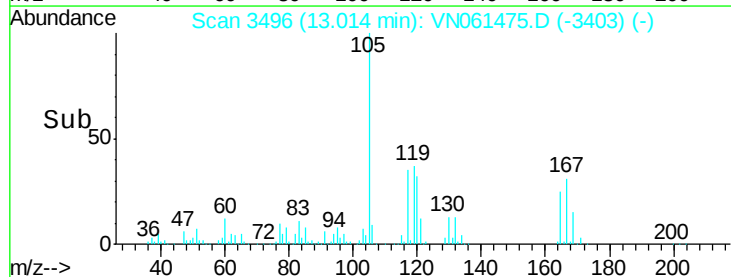
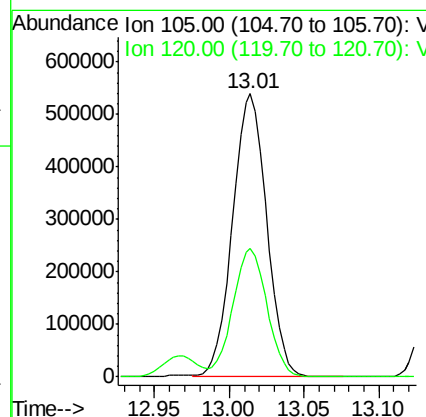
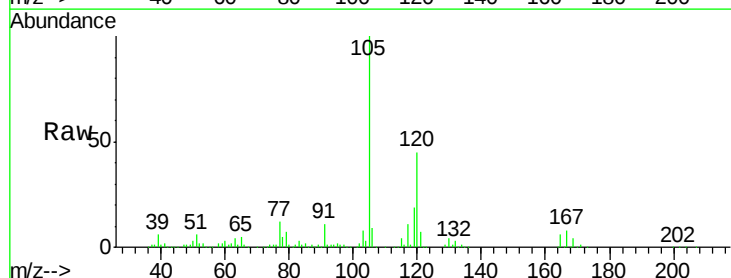
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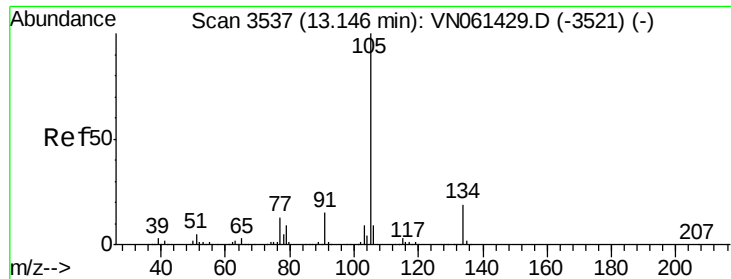
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.575 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.4	67.3





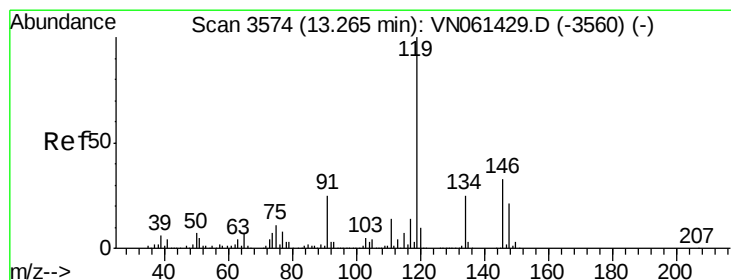
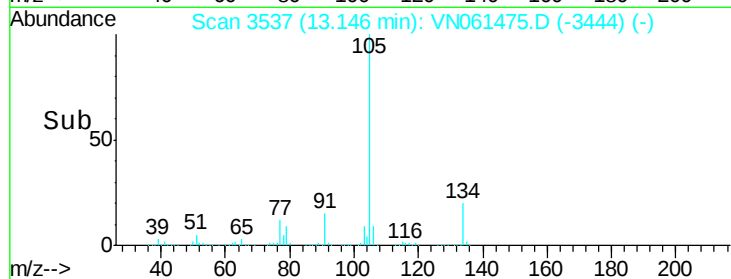
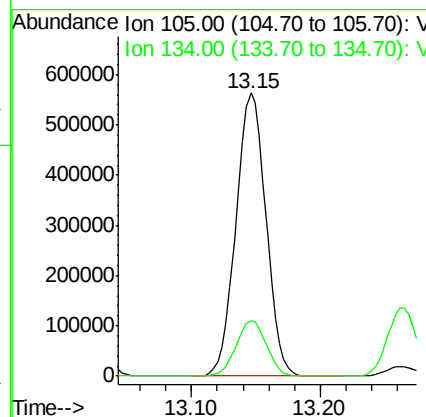
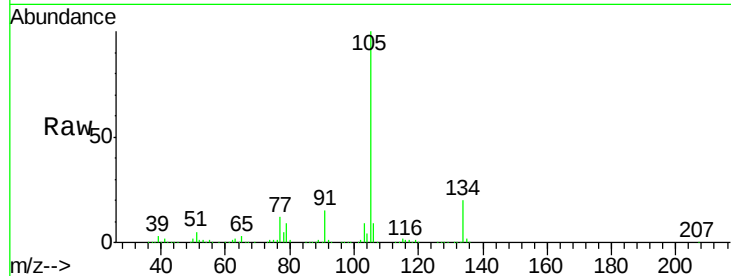
#85
 sec-Butylbenzene
 Concen: 47.455 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	908562		
134	19.8		9.8	29.5

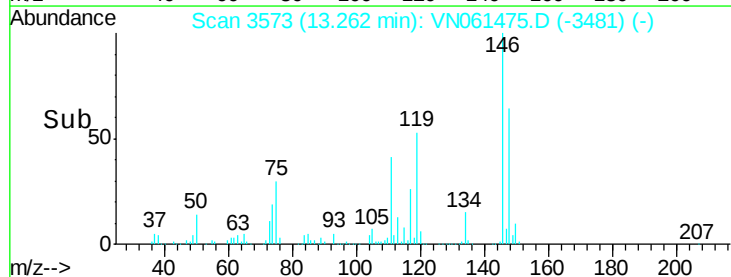
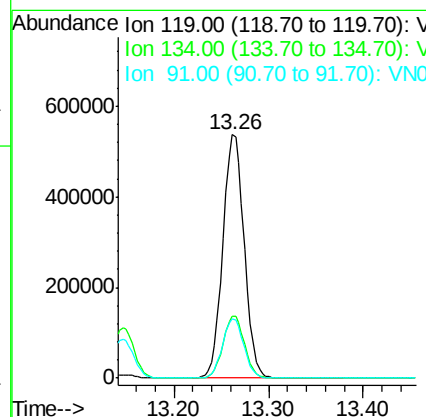
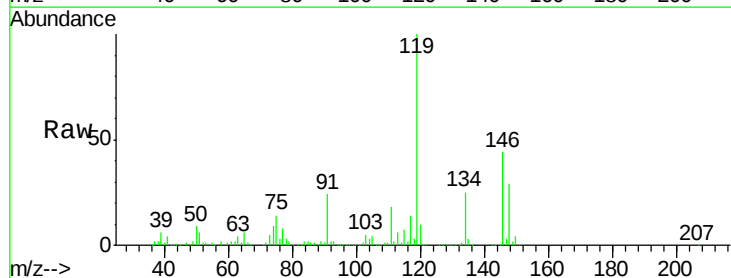
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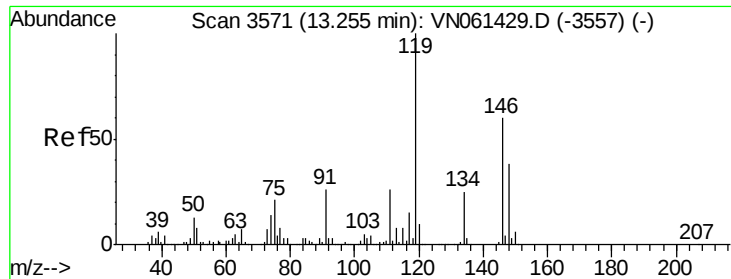
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#86
 p-Isopropyltoluene
 Concen: 49.377 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	839462		
134	25.6		12.7	38.1
91	24.2		12.6	37.6





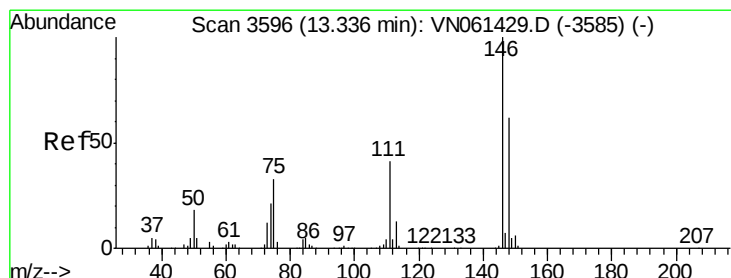
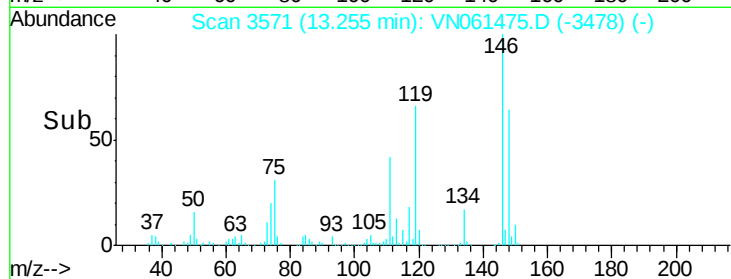
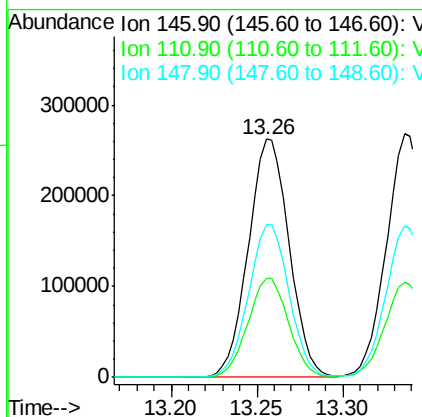
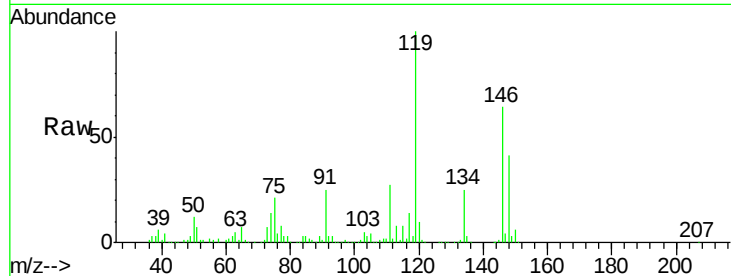
#87
 1,3-Dichlorobenzene
 Concen: 53.956 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	432632		
111	41.4	21.5	64.5	
148	63.7	31.8	95.3	

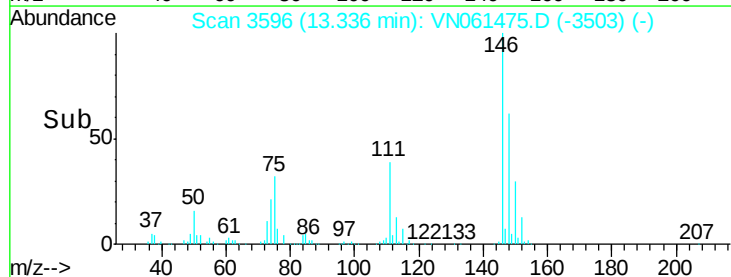
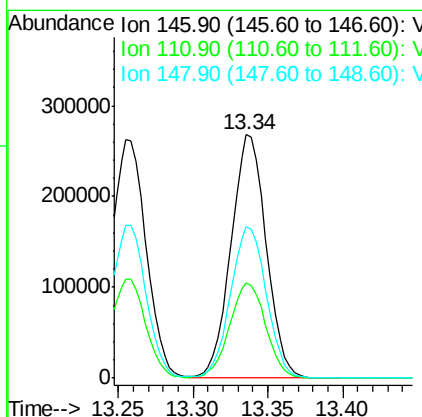
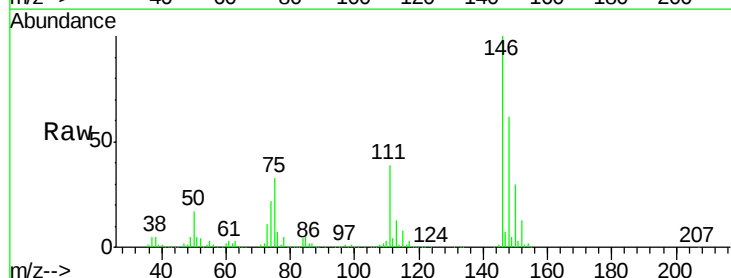
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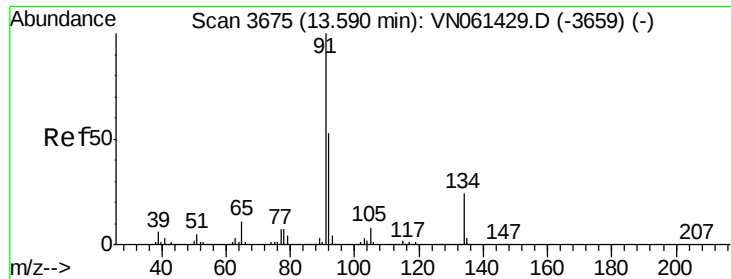
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#88
 1,4-Dichlorobenzene
 Concen: 54.632 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	438697		
111	40.1	20.8	62.5	
148	63.3	31.6	94.8	





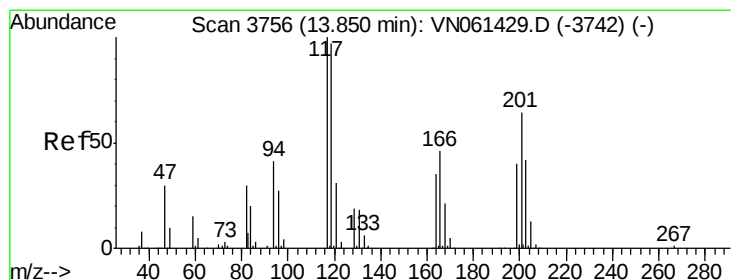
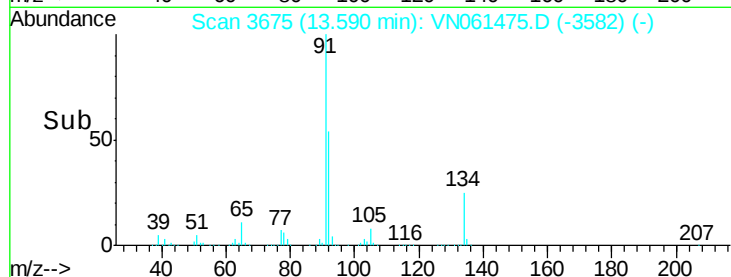
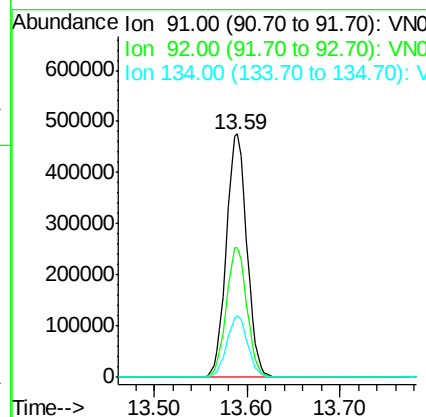
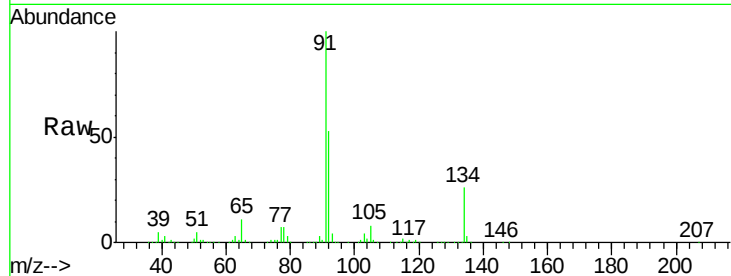
#89
n-Butylbenzene
Concen: 47.365 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.3
134	25.6	12.4	37.4

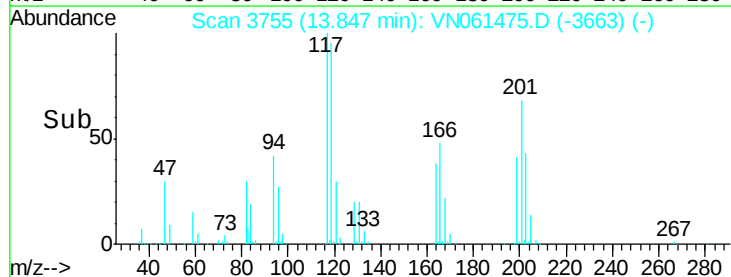
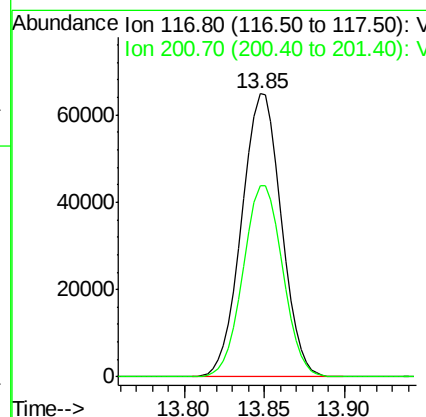
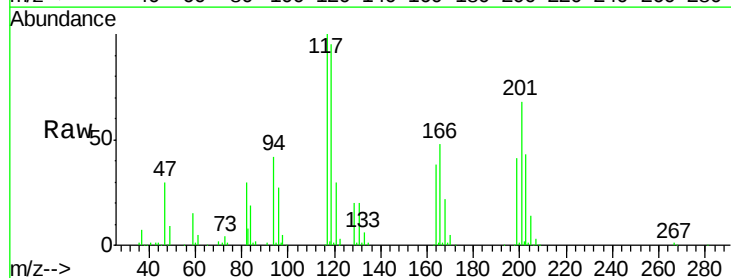
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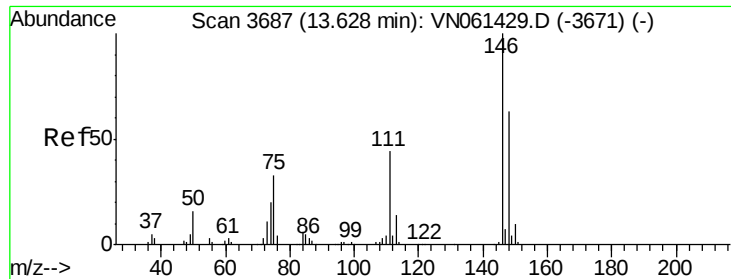
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#90
Hexachloroethane
Concen: 47.609 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061475.D
Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.4	32.9	98.7





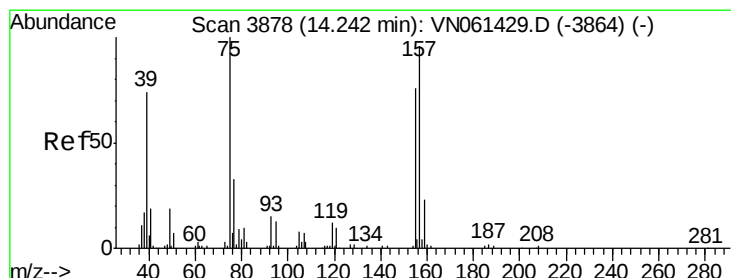
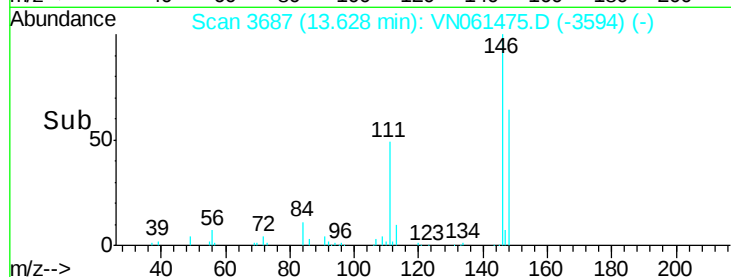
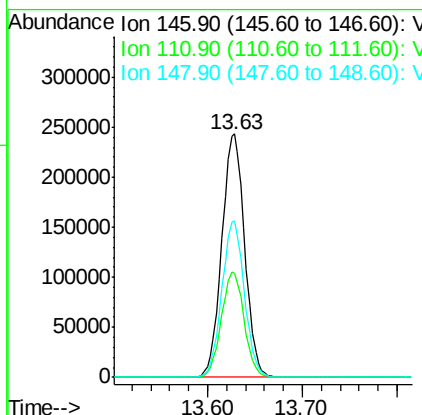
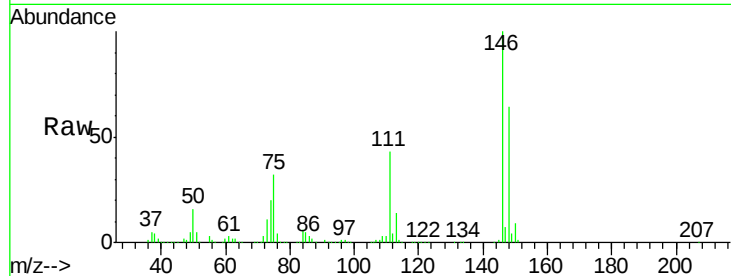
#91
 1,2-Dichlorobenzene
 Concen: 52.990 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.9	65.7
148	63.7	31.6	94.7

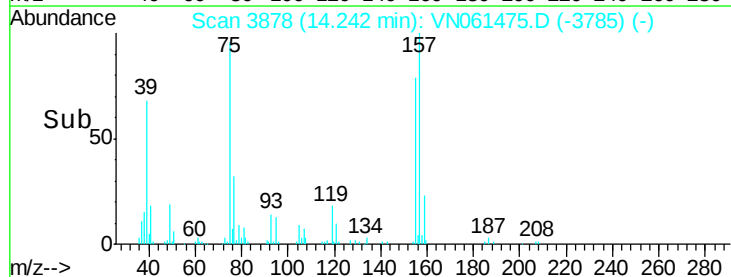
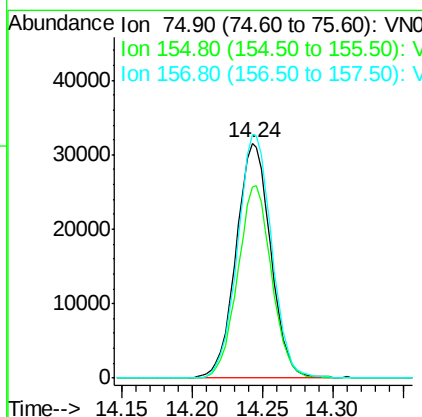
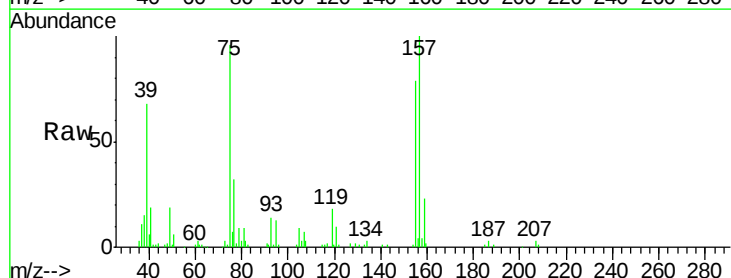
Manual Integrations
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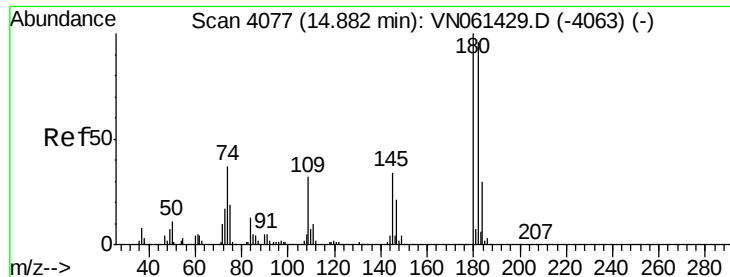
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.359 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	38.9	116.7
157	102.4	48.6	145.8





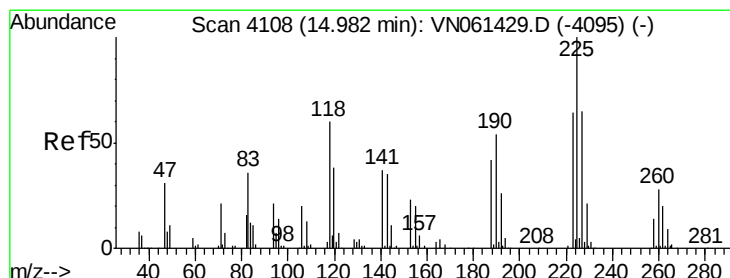
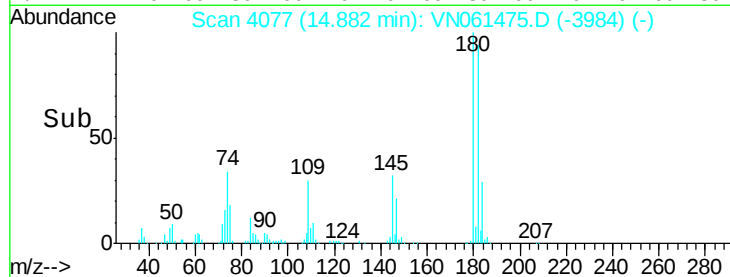
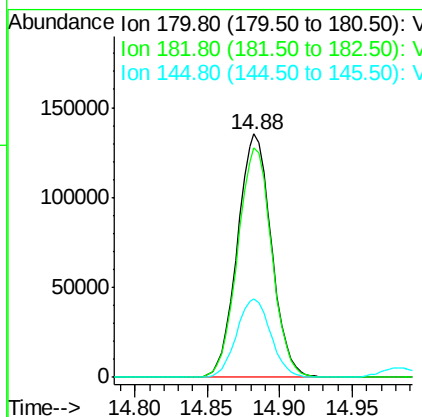
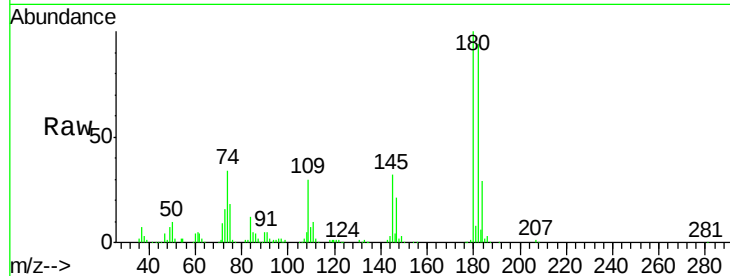
#93
 1,2,4-Trichlorobenzene
 Concen: 52.814 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	220257		
182	94.8	47.0	141.0	
145	32.6	16.7	50.0	

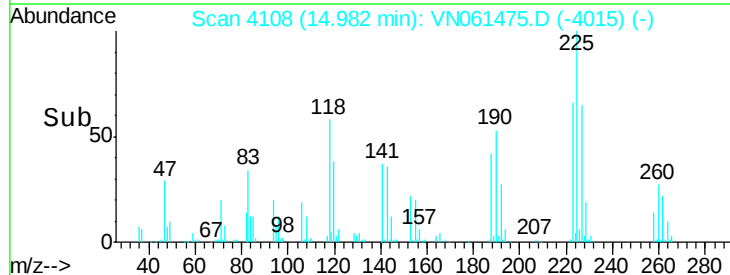
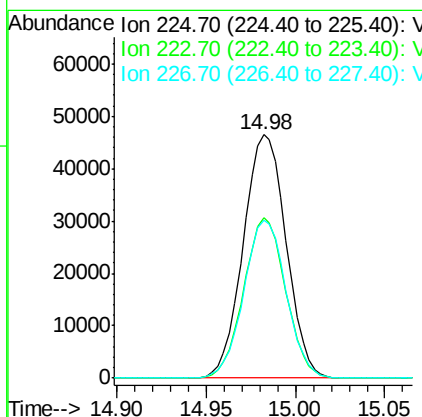
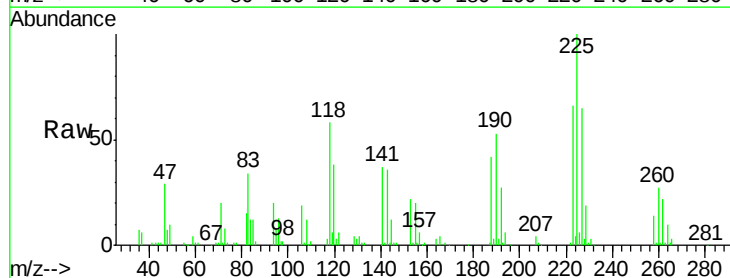
Manual Integrations
 APPROVED

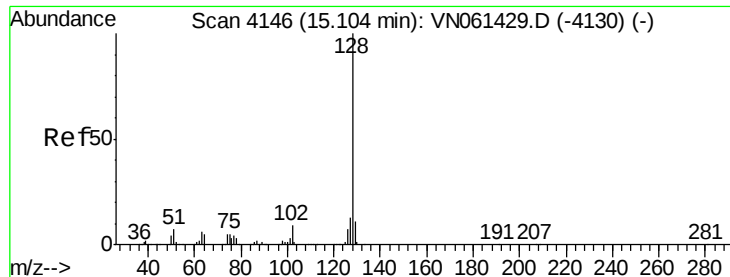
apatel
 5/22/2020 11:28:47 AM



#94
 Hexachlorobutadiene
 Concen: 42.105 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061475.D
 Acq: 19 May 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78022		
223	64.4	31.9	95.7	
227	63.8	31.5	94.5	





#95

Naphthalene

Concen: 53.697 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Instrument :

MSVOA_N

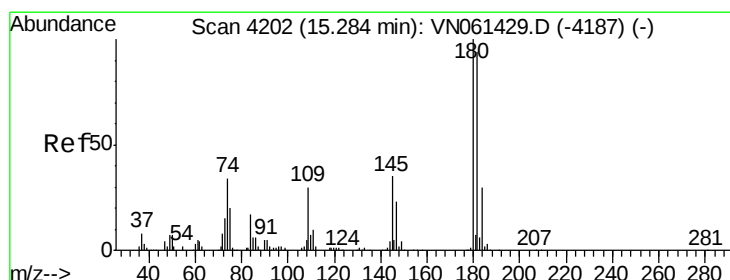
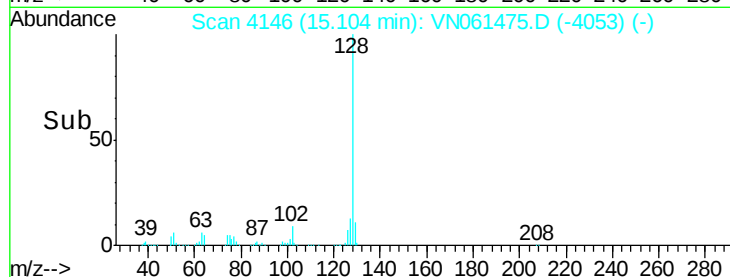
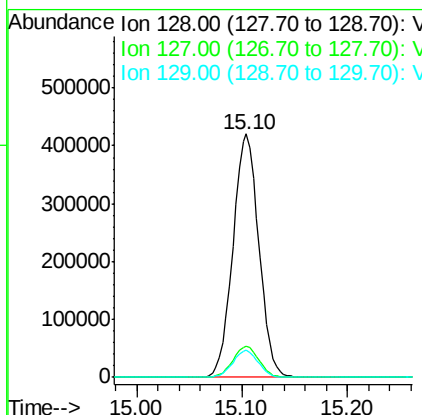
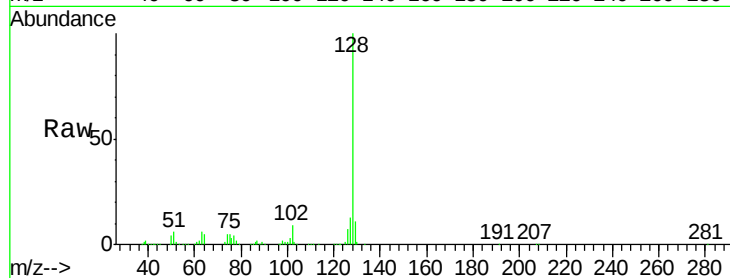
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	711931
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
5/22/2020 11:28:47 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.515 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061475.D

Acq: 19 May 2020 11:28

Tgt Ion:	180	Resp:	205569
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.8	143.3
145	35.0	17.3	51.9

