

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064135.D
 Acq On : 15 Oct 2020 11:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 10/19/2020 11:25:53 AM

Quant Time: Oct 16 02:35:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	369613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	583237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	564480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	288247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	252053	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.55	113	202569	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.06	98	787987	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.38	95	273431	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	168492	48.384	ug/l	99
3) Chloromethane	2.04	50	202871	46.772	ug/l	99
4) Vinyl Chloride	2.16	62	247113	45.770	ug/l	100
5) Bromomethane	2.52	94	212017	52.328	ug/l	98
6) Chloroethane	2.67	64	204330	47.603	ug/l	96
7) Trichlorofluoromethane	2.98	101	335850	45.227	ug/l	98
8) Diethyl Ether	3.37	74	105111	45.243	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	181727	49.851	ug/l	98
10) Methyl Iodide	3.91	142	231140	44.975	ug/l	99
11) Tert butyl alcohol	4.73	59	150522	258.250	ug/l	99
12) 1,1-Dichloroethene	3.69	96	167823	45.588	ug/l	95
13) Acrolein	3.57	56	67508	141.012	ug/l	93
14) Allyl chloride	4.27	41	240164	41.812	ug/l	92
15) Acrylonitrile	4.92	53	411846	246.095	ug/l	98
16) Acetone	3.77	43	446615	286.033	ug/l	98
17) Carbon Disulfide	4.01	76	498755	47.401	ug/l	98
18) Methyl Acetate	4.27	43	192065	49.037	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	524405	48.295	ug/l	100
20) Methylene Chloride	4.50	84	212450	43.973	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	202861	48.605	ug/l	99
22) Diisopropyl ether	5.90	45	556706	49.892	ug/l	97
23) Vinyl Acetate	5.84	43	2589189	259.772	ug/l	99
24) 1,1-Dichloroethane	5.79	63	371305	47.651	ug/l	98
25) 2-Butanone	6.78	43	650216	270.741	ug/l	100
26) 2,2-Dichloropropane	6.77	77	325150	50.155	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	230597	46.966	ug/l	99
28) Bromochloromethane	7.15	49	177526	47.832	ug/l #	97
29) Tetrahydrofuran	7.16	42	361676	257.679	ug/l	99
30) Chloroform	7.32	83	407551	49.095	ug/l	99
31) Cyclohexane	7.61	56	264010	45.368	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	350510	48.864	ug/l	98
36) 1,1-Dichloropropene	7.75	75	289850	51.560	ug/l	99
37) Ethyl Acetate	6.88	43	264359	52.988	ug/l	99
38) Carbon Tetrachloride	7.73	117	308459	51.027	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	252473	53.421	ug/l	96
40) Benzene	8.00	78	878394	51.597	ug/l	99
41) Methacrylonitrile	7.12	41	105383	48.789	ug/l	93
42) 1,2-Dichloroethane	8.08	62	315598	52.102	ug/l	100
43) Isopropyl Acetate	8.12	43	427273	51.610	ug/l #	90
44) Trichloroethene	8.80	130	234221	52.322	ug/l	98
45) 1,2-Dichloropropane	9.08	63	228635	51.260	ug/l	98
46) Dibromomethane	9.17	93	162244	51.272	ug/l	99
47) Bromodichloromethane	9.37	83	328532	53.065	ug/l	99
48) Methyl methacrylate	9.16	41	213550	55.842	ug/l	98
49) 1,4-Dioxane	9.16	88	68674	1182.617	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1379997	281.695	ug/l	100
52) Toluene	10.12	92	561982	53.726	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	345160	54.335	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	372394	53.352	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	231660	53.459	ug/l	98
56) Ethyl methacrylate	10.40	69	304327	48.539	ug/l	99
57) 1,3-Dichloropropane	10.68	76	370815	51.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	813481	254.518	ug/l	99
59) 2-Hexanone	10.72	43	1011716	266.709	ug/l	100
60) Dibromochloromethane	10.87	129	258927	53.192	ug/l	100
61) 1,2-Dibromoethane	10.97	107	236367	53.589	ug/l	99
64) Tetrachloroethene	10.60	164	218712	51.391	ug/l	99
65) Chlorobenzene	11.41	112	608980	51.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	233817	51.809	ug/l	98
67) Ethyl Benzene	11.48	91	1070153	53.742	ug/l	99
68) m/p-Xylenes	11.59	106	827480	100.785	ug/l	99
69) o-Xylene	11.92	106	385085	49.055	ug/l	100
70) Styrene	11.94	104	679156	50.136	ug/l	99
71) Bromoform	12.10	173	184276	49.319	ug/l #	100
73) Isopropylbenzene	12.23	105	1018750	48.793	ug/l	100
74) N-amyl acetate	12.05	43	384625	49.191	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	329965	45.901	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	288944m	42.728	ug/l	
77) Bromobenzene	12.50	156	265980	46.924	ug/l	98
78) n-propylbenzene	12.57	91	1194378	51.252	ug/l	100
79) 2-Chlorotoluene	12.65	91	705771	47.619	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	867186	51.745	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	111719	50.473	ug/l	99
82) 4-Chlorotoluene	12.75	91	751114	50.283	ug/l	100
83) tert-Butylbenzene	12.97	119	690366	49.809	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	876293	50.166	ug/l	99
85) sec-Butylbenzene	13.14	105	920498	51.663	ug/l	99
86) p-Isopropyltoluene	13.26	119	841102	49.911	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	483887	51.236	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	483218	50.024	ug/l	99
89) n-Butylbenzene	13.59	91	686187	52.852	ug/l	99
90) Hexachloroethane	13.85	117	143809	48.498	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	479701	51.032	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65328	47.217	ug/l	97

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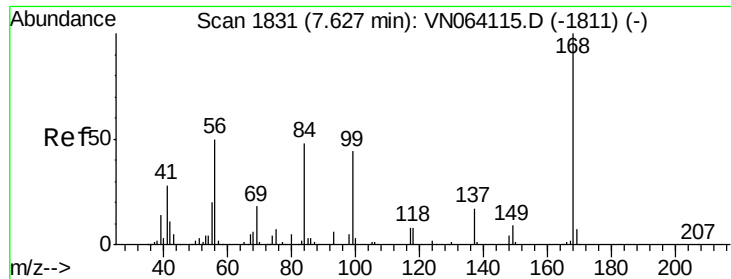
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	208402	45.458	ug/l	96
94) Hexachlorobutadiene	14.98	225	112068	50.046	ug/l	99
95) Naphthalene	15.10	128	599487	43.062	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	211503	46.200	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 369613

Ion Ratio Lower Upper

168 100

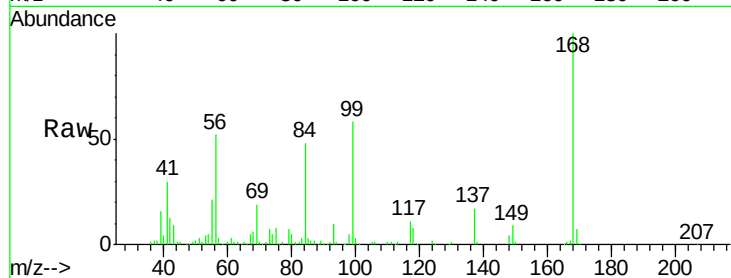
99 57.2 43.6 65.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

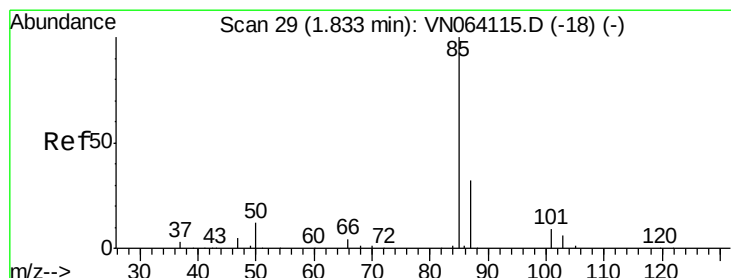
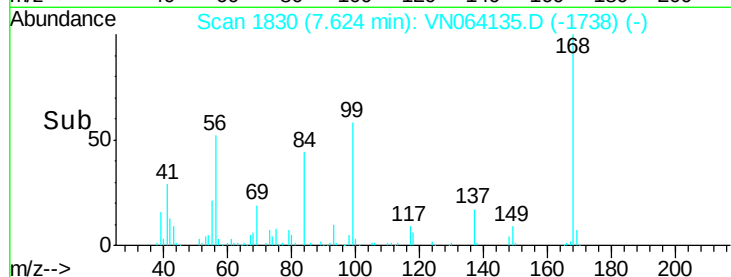
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.384 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064135.D

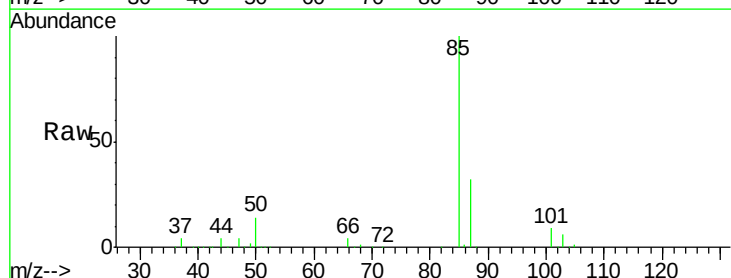
Acq: 15 Oct 2020 11:08

Tgt Ion: 85 Resp: 168492

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

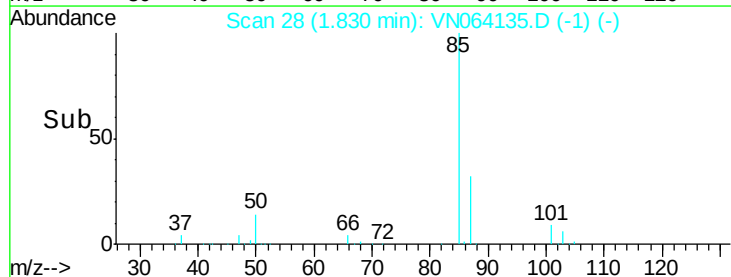
1.83

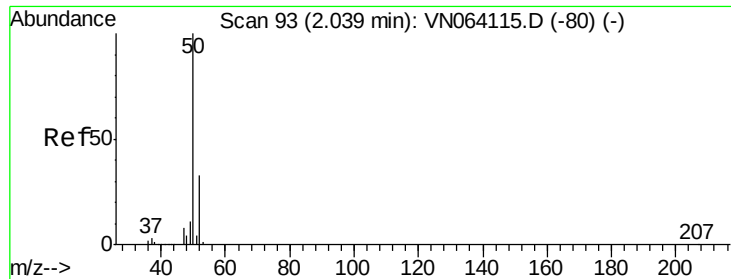
100000

50000

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Time-->





#3

Chloromethane

Concen: 46.772 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 202871

Ion Ratio Lower Upper

50 100

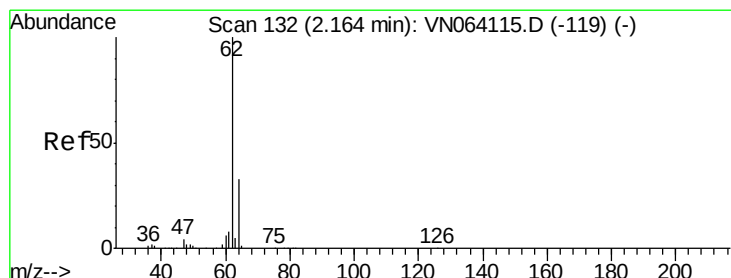
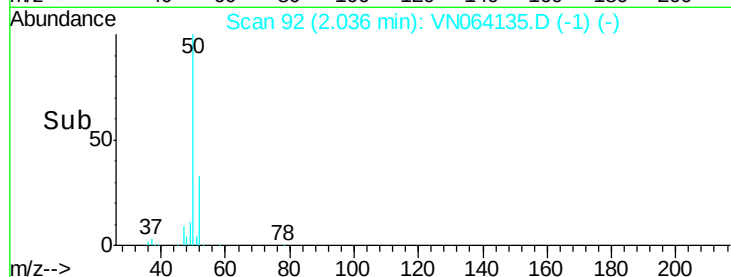
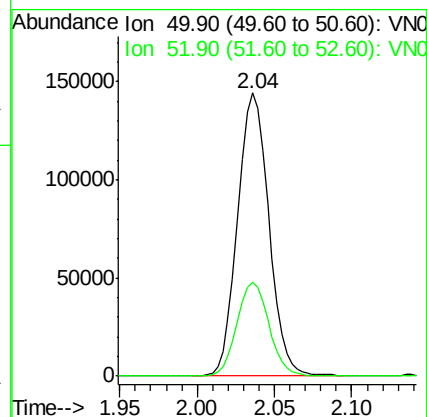
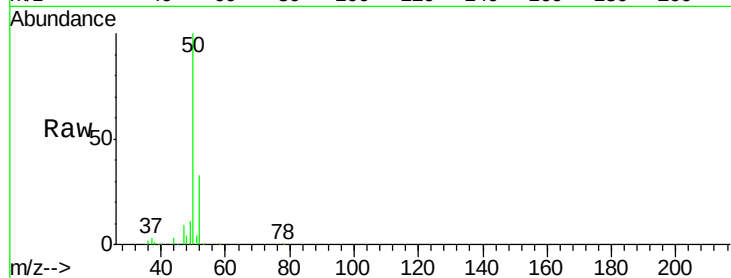
52 33.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 45.770 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064135.D

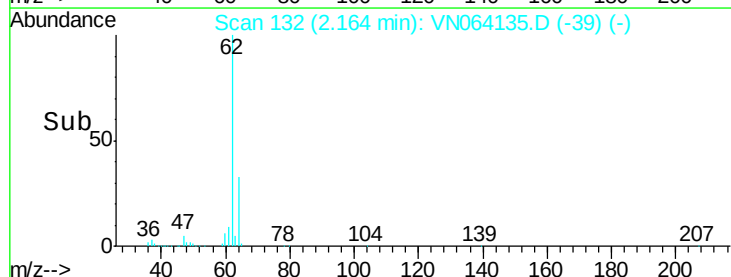
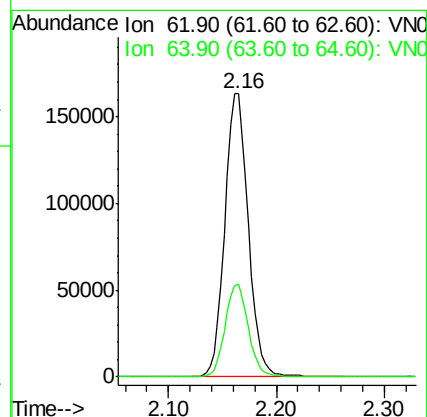
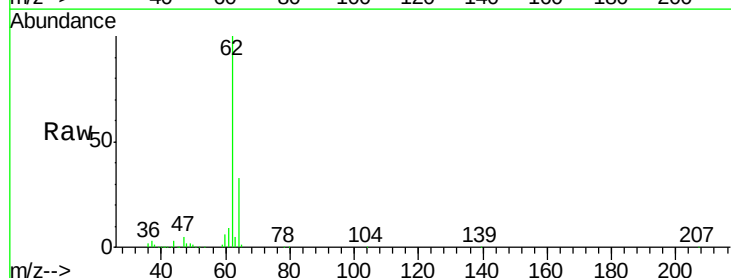
Acq: 15 Oct 2020 11:08

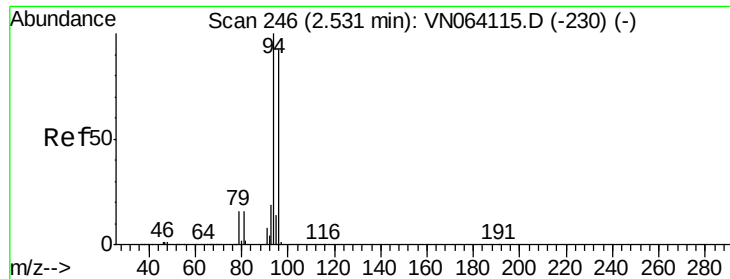
Tgt Ion: 62 Resp: 247113

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.4





#5

Bromomethane

Concen: 52.328 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 212017

Ion Ratio Lower Upper

94 100

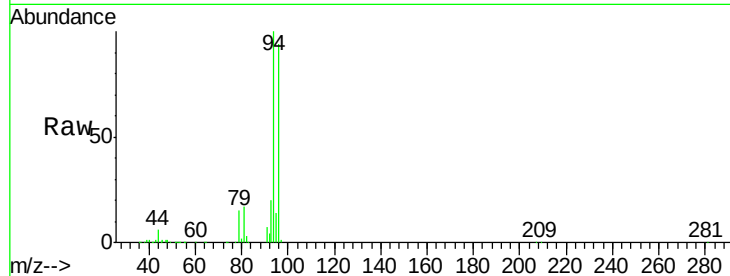
96 93.6 73.5 110.3

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

120000

100000

80000

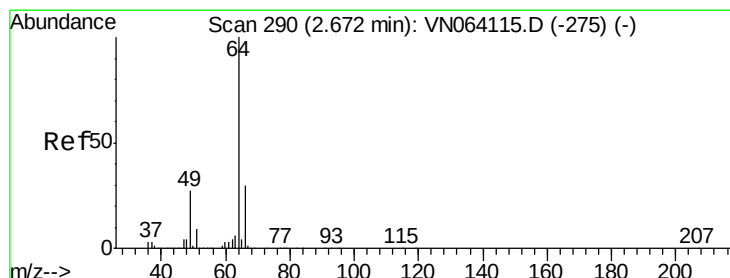
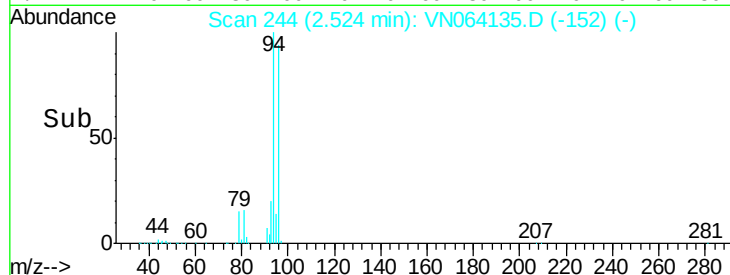
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 47.603 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064135.D

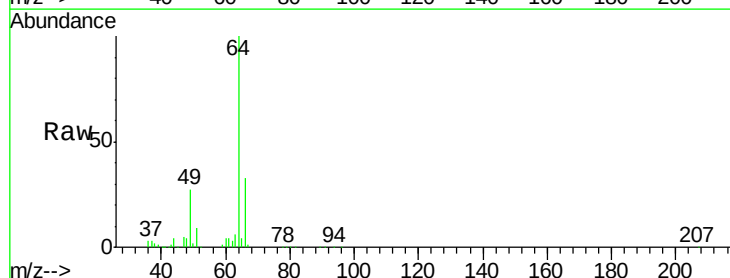
Acq: 15 Oct 2020 11:08

Tgt Ion: 64 Resp: 204330

Ion Ratio Lower Upper

64 100

66 32.6 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

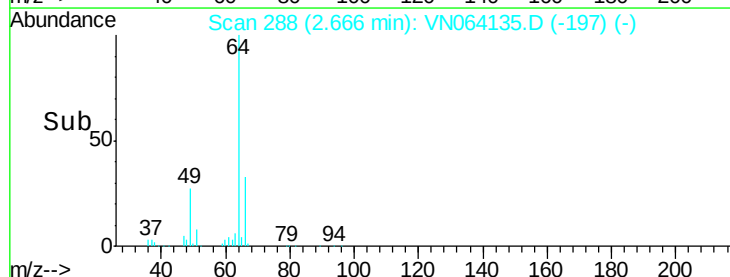
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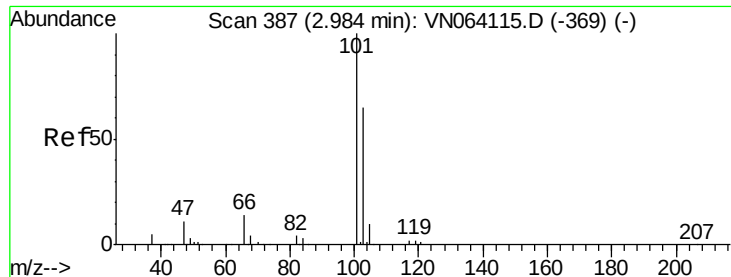
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#7

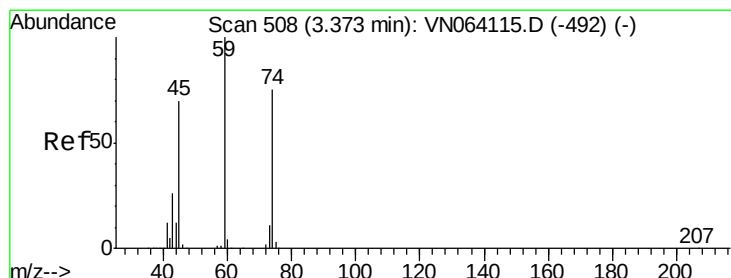
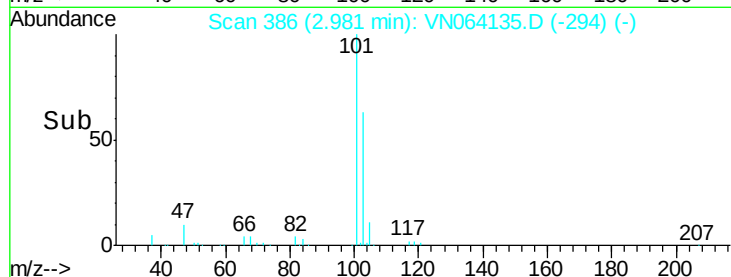
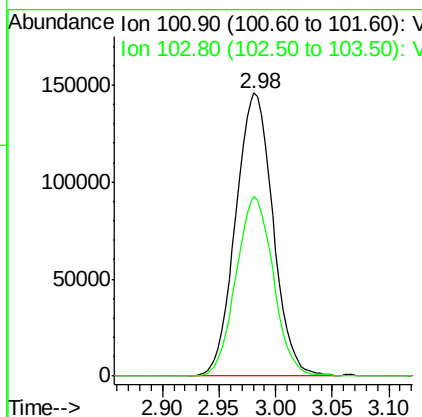
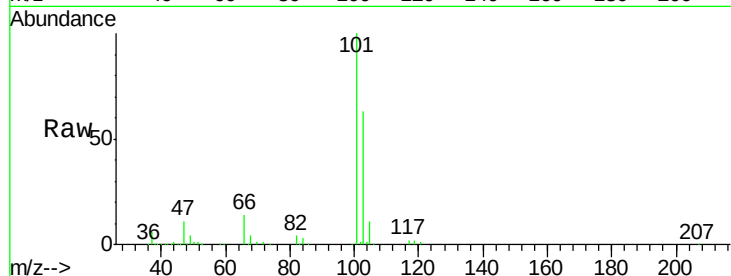
Trichlorofluoromethane
 Concen: 45.227 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.6

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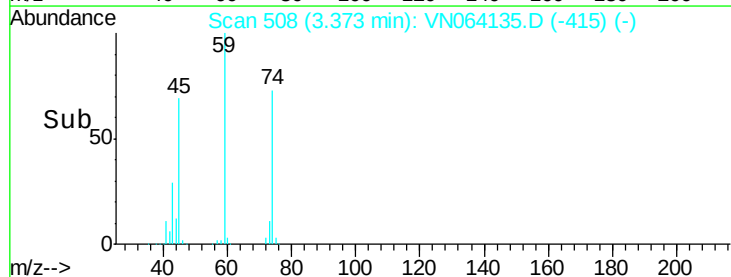
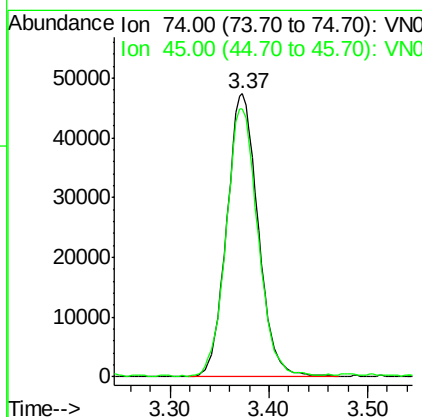
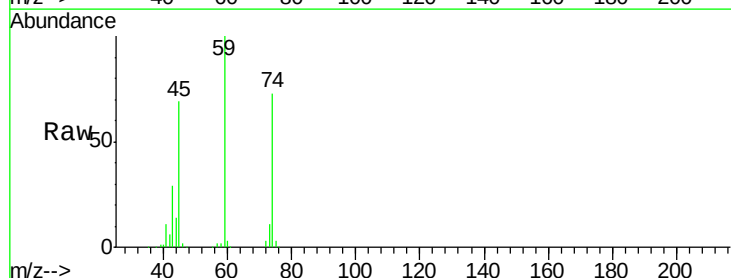
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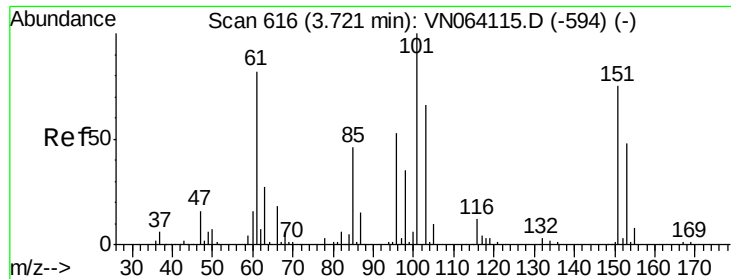


#8

Diethyl Ether
 Concen: 45.243 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	47.0	141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.851 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

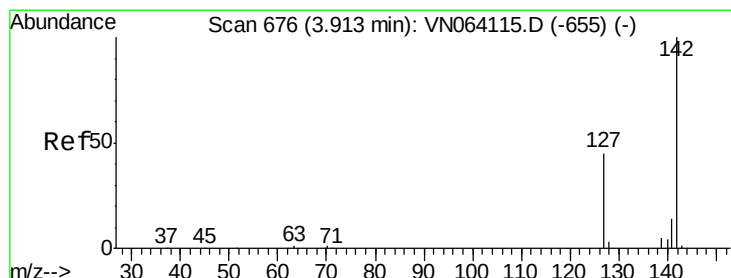
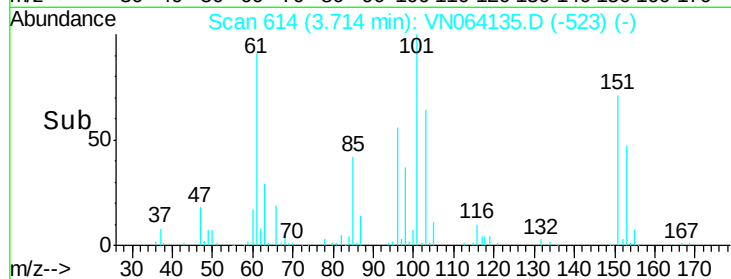
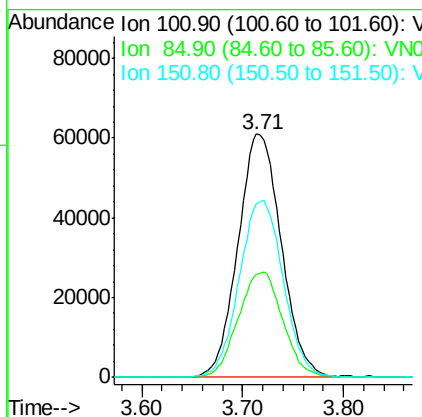
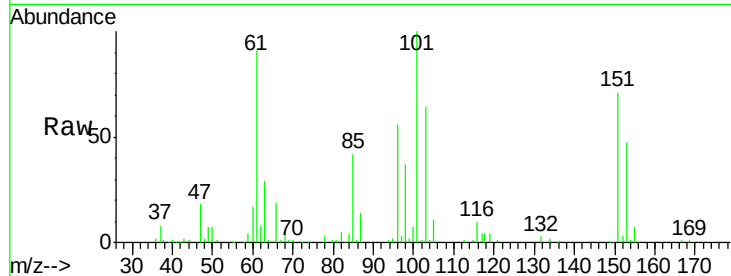
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	181727
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.9	55.3
151	74.0	60.7	91.1

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#10

Methyl Iodide

Concen: 44.975 ug/l

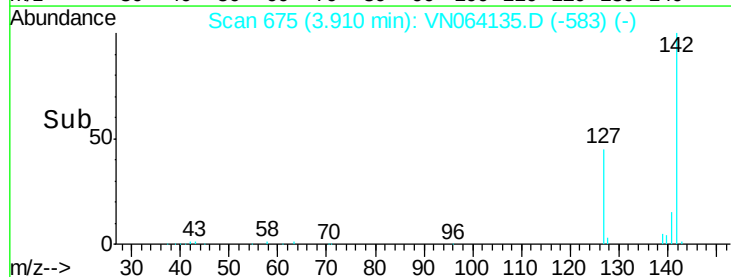
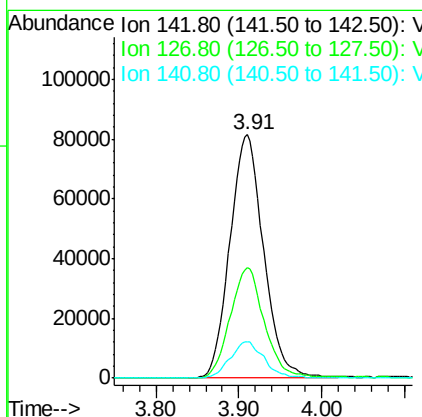
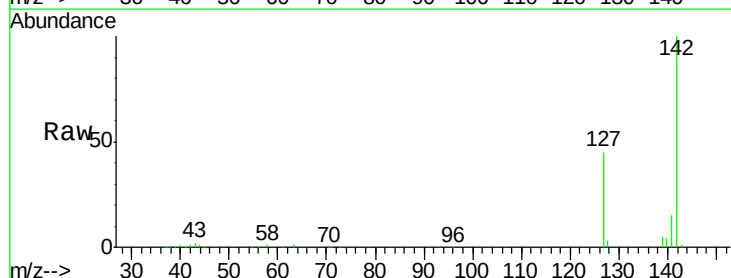
RT: 3.91 min Scan# 675

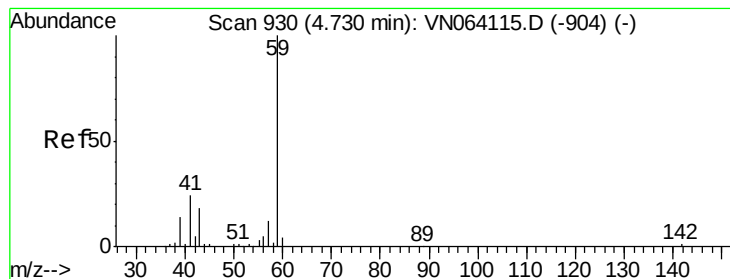
Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	142	Resp:	231140
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.3	54.5
141	15.0	11.6	17.4





#11

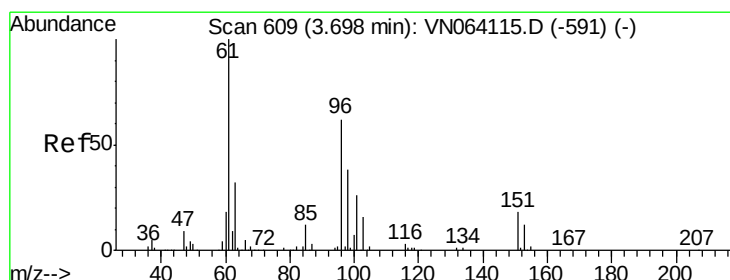
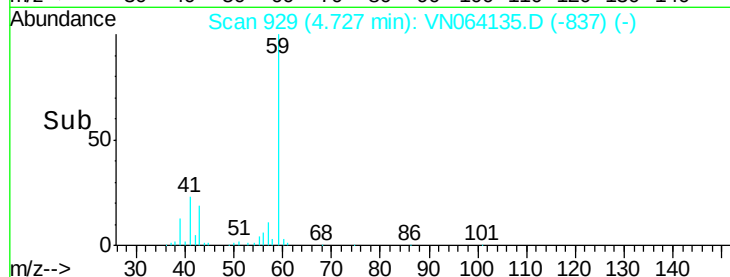
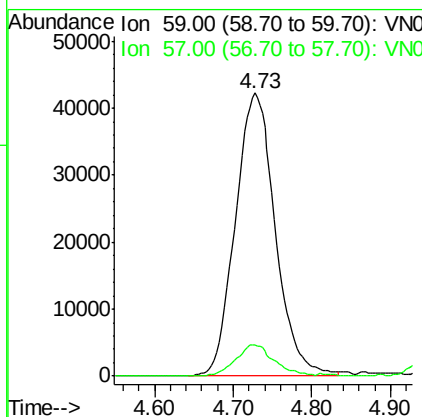
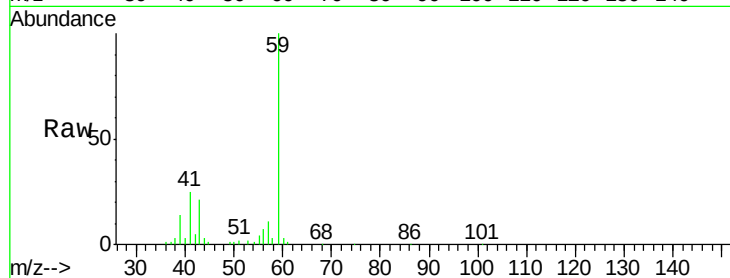
Tert butyl alcohol
 Concen: 258.250 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	150522
Ion Ratio	100	Lower	Upper
57	10.7	8.9	13.3

Manual Integrations
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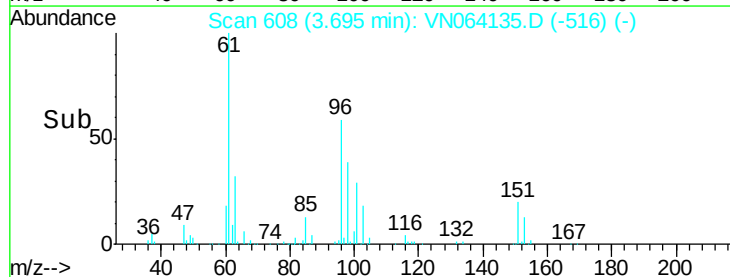
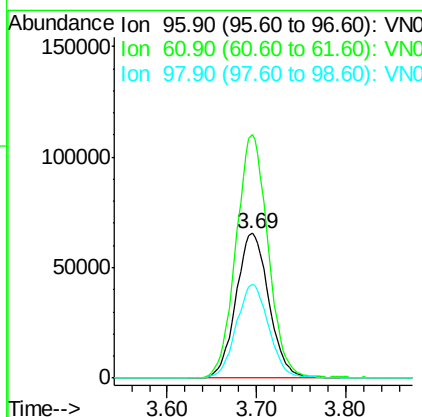
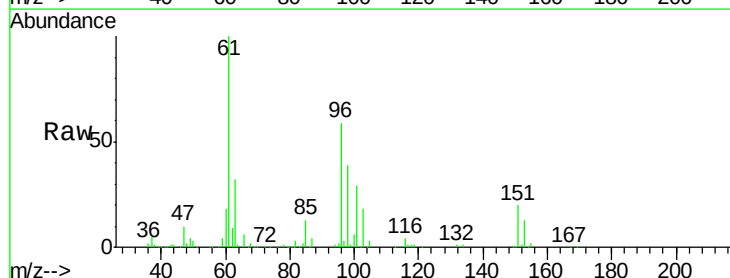
apatel
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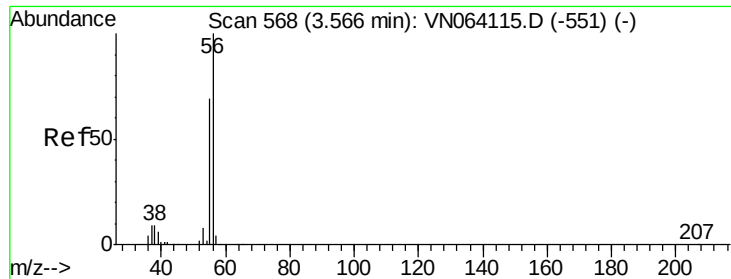


#12

1,1-Dichloroethene
 Concen: 45.588 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	96	Resp	167823
Ion Ratio	100	Lower	Upper
61	168.6	129.9	194.9
98	65.1	48.9	73.3





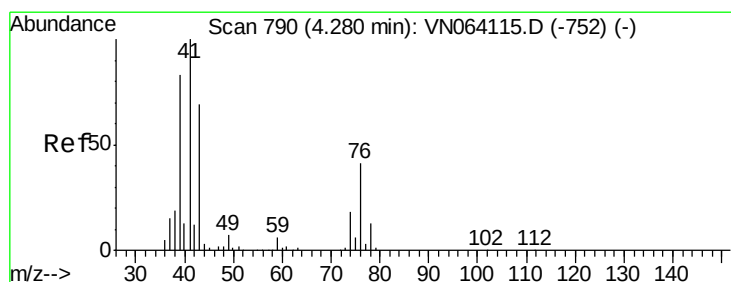
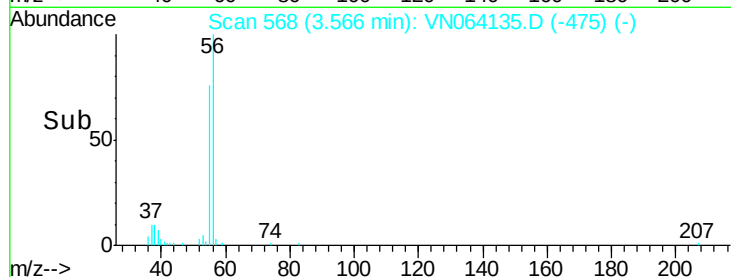
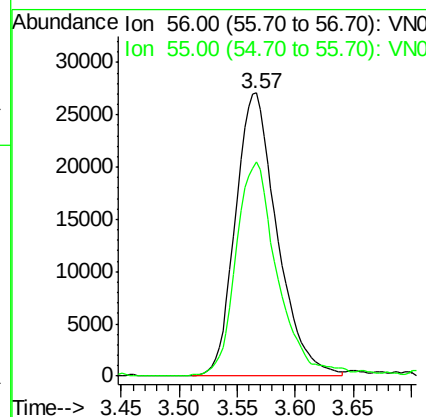
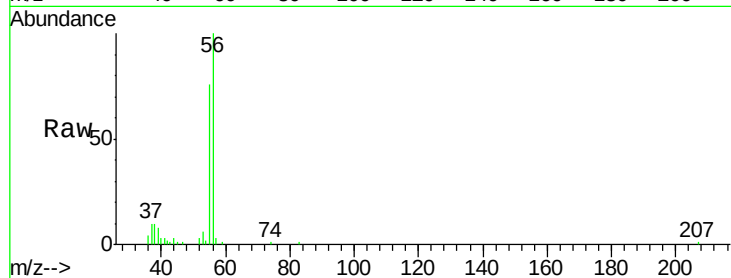
#13
Acrolein
Concen: 141.012 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	67508
Ion Ratio	100	Lower	Upper
55	75.3	55.8	83.6

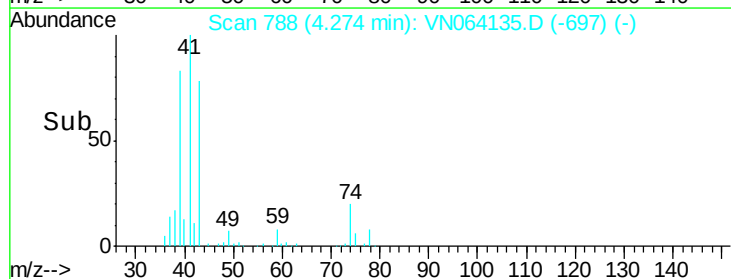
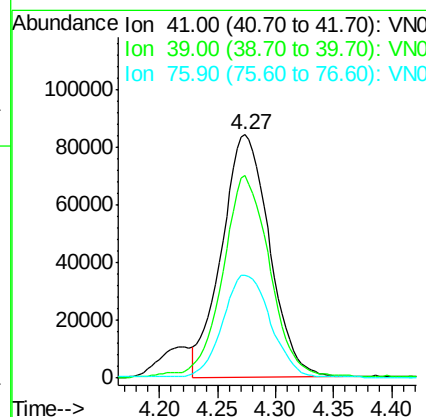
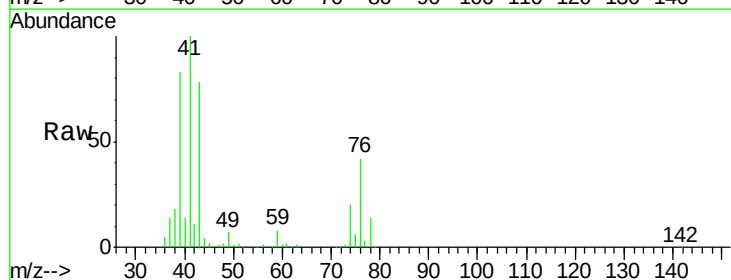
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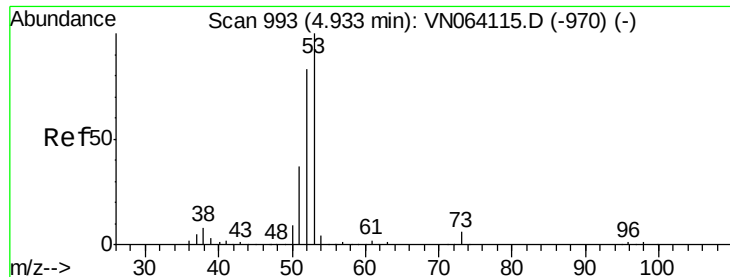
apatel
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#14
Allyl chloride
Concen: 41.812 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	41	Resp	240164
Ion Ratio	100	Lower	Upper
39	83.0	60.5	90.7
76	41.4	29.5	44.3





#15

Acrylonitrile

Concen: 246.095 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

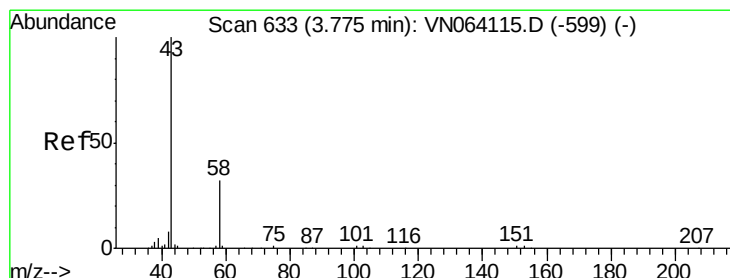
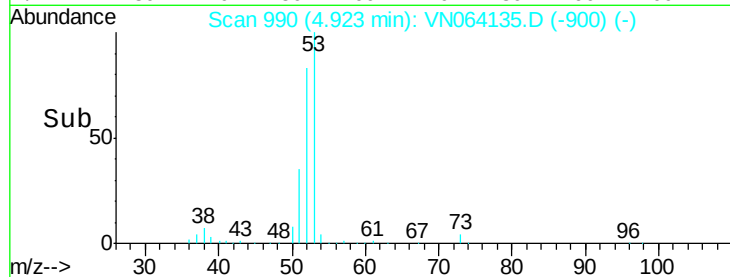
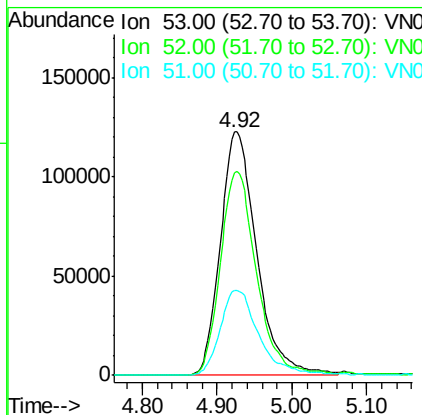
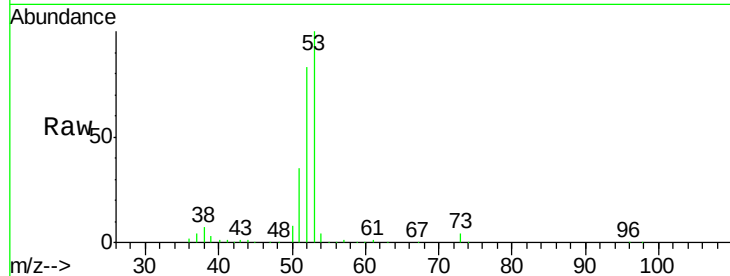
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	411846
Ion Ratio	Lower	Upper	
53	100		
52	83.7	65.8	98.6
51	37.6	29.4	44.2

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#16

Acetone

Concen: 286.033 ug/l

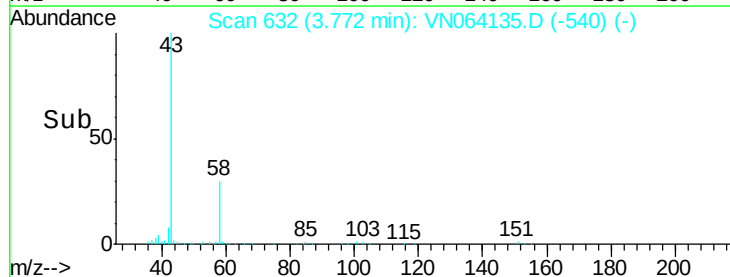
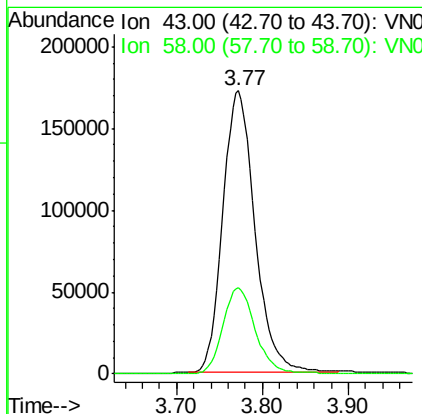
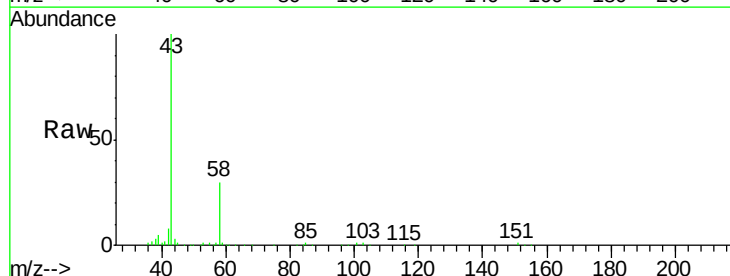
RT: 3.77 min Scan# 632

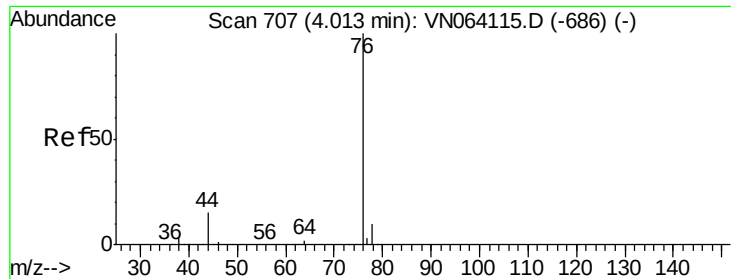
Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	43	Resp:	446615
Ion Ratio	Lower	Upper	
43	100		
58	30.3	25.2	37.8





#17

Carbon Disulfide

Concen: 47.401 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 498755

Ion Ratio Lower Upper

76 100

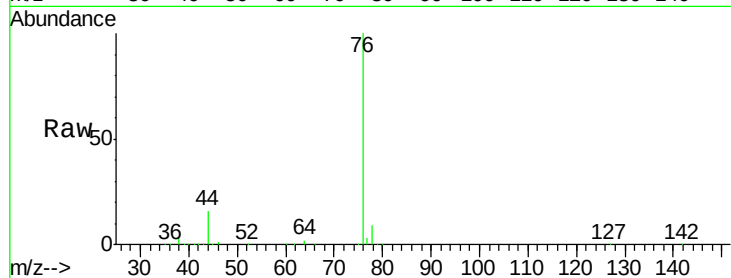
78 8.9 7.6 11.4

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

200000

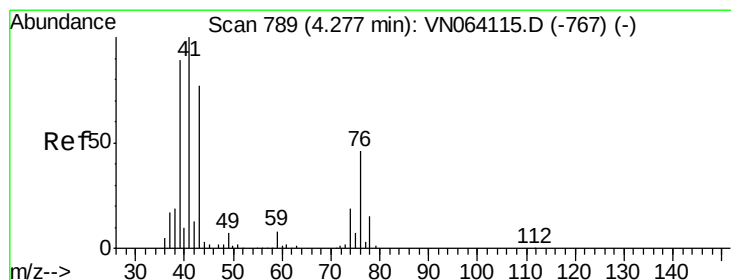
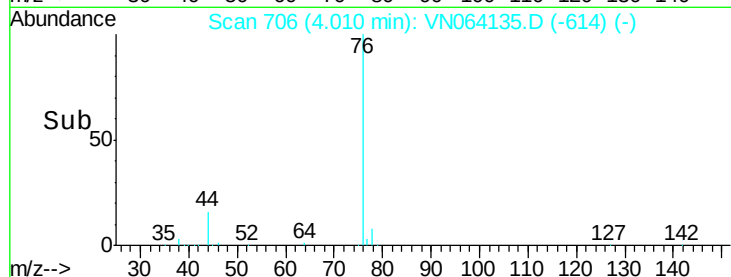
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.037 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064135.D

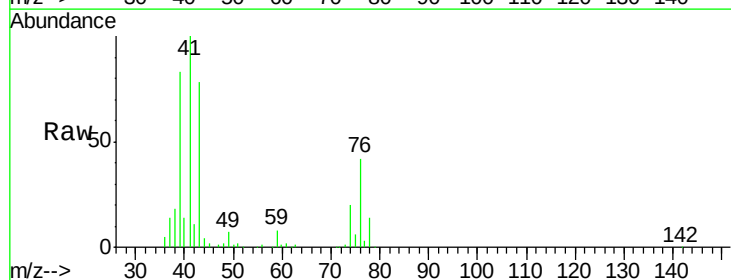
Acq: 15 Oct 2020 11:08

Tgt Ion: 43 Resp: 192065

Ion Ratio Lower Upper

43 100

74 25.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.27

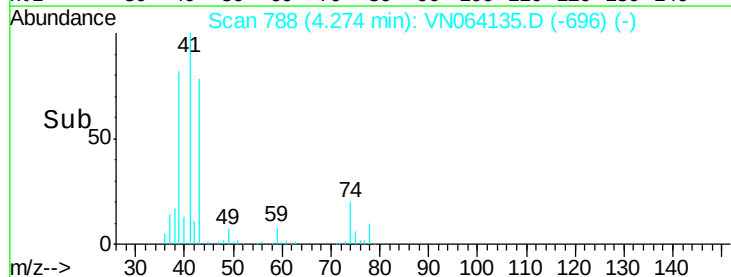
60000

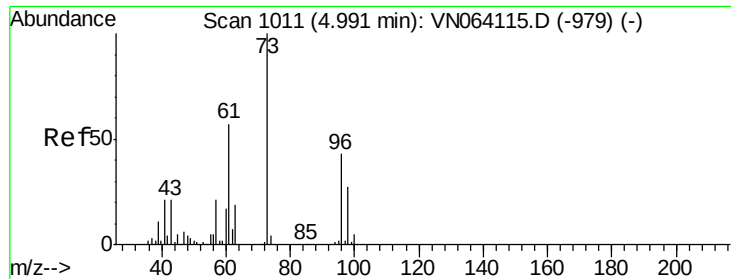
40000

20000

0

Time-->





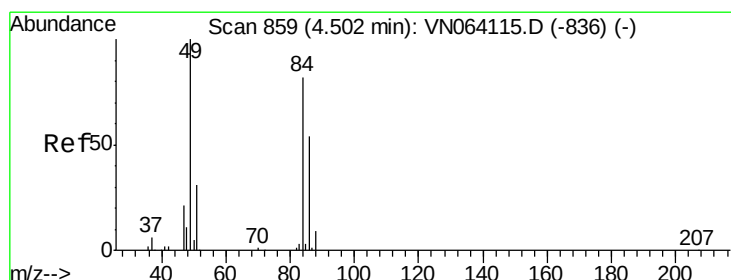
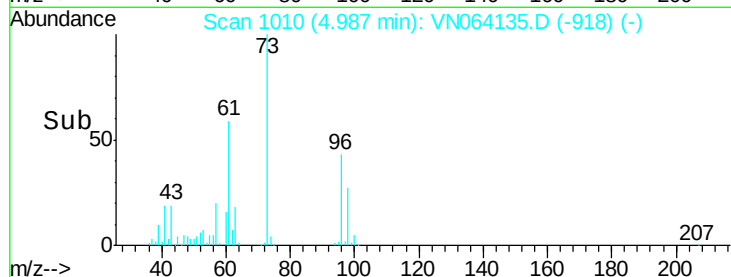
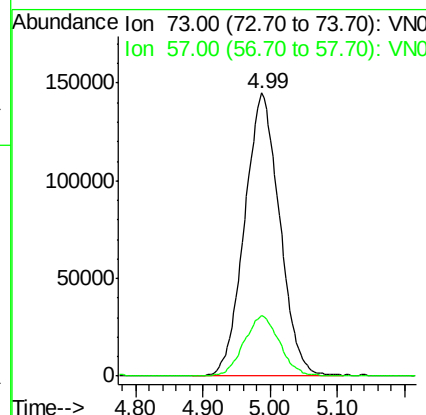
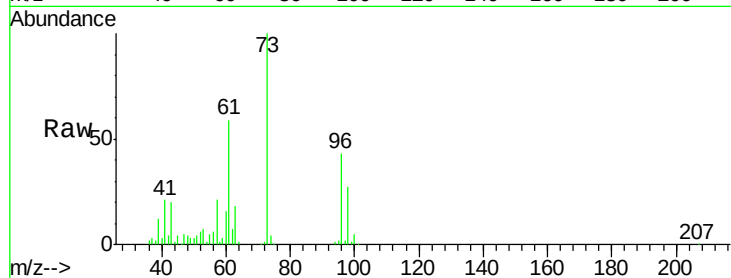
#19
Methyl tert-butyl Ether
Concen: 48.295 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.0	25.4

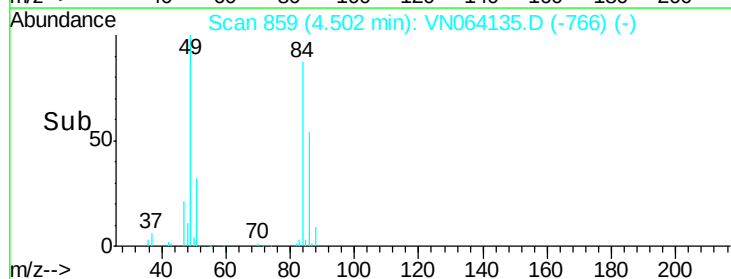
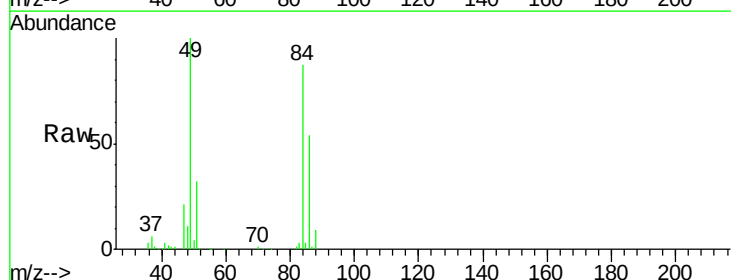
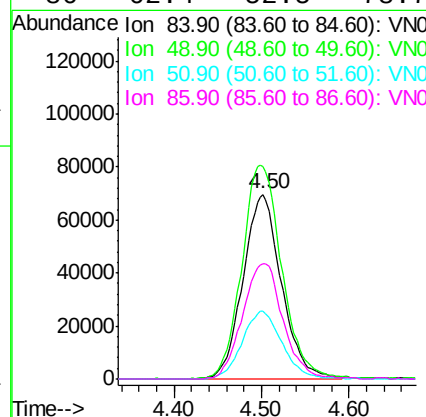
Manual Integrations
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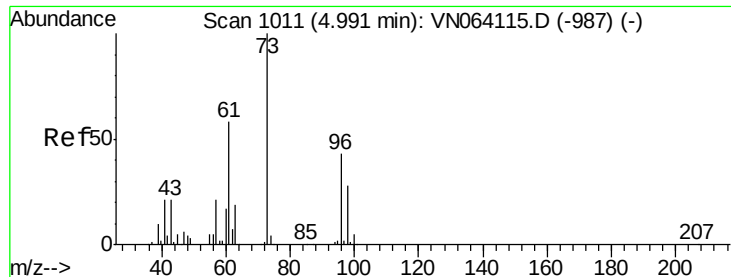
apatel
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#20
Methylene Chloride
Concen: 43.973 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.7	97.4	146.0
51	37.0	29.7	44.5
86	62.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 48.605 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

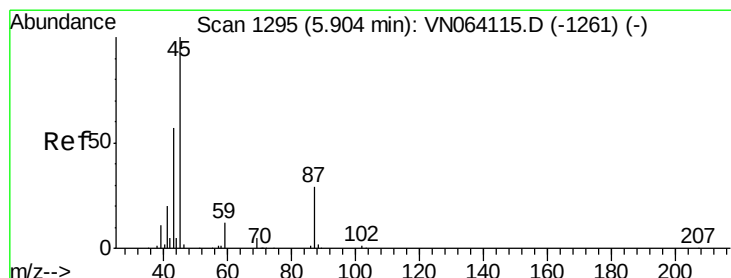
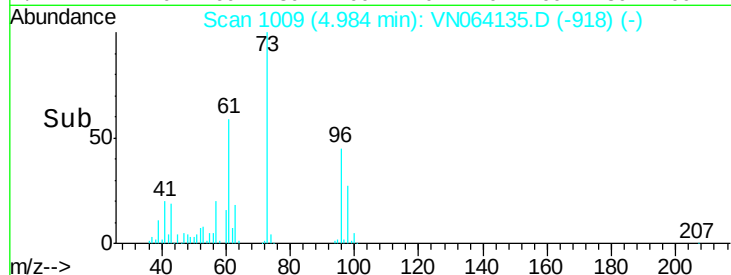
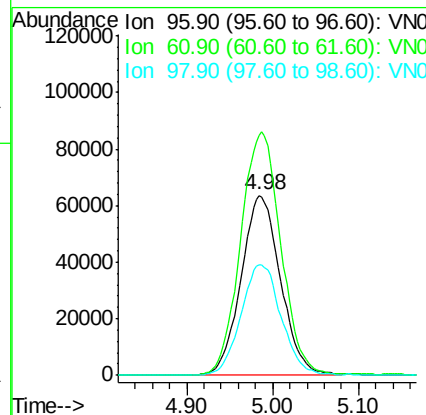
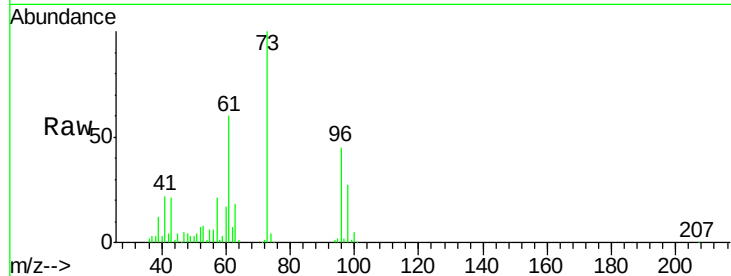
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	202861
Ion	Ratio	Lower	Upper
96	100		
61	133.7	107.0	160.4
98	61.4	51.0	76.6

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#22

Diisopropyl ether

Concen: 49.892 ug/l

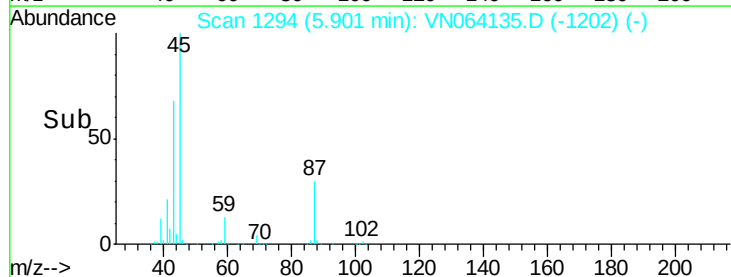
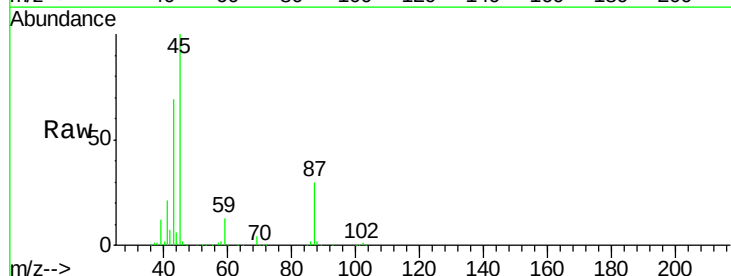
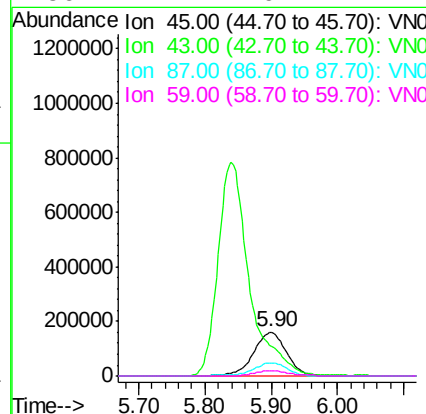
RT: 5.90 min Scan# 1294

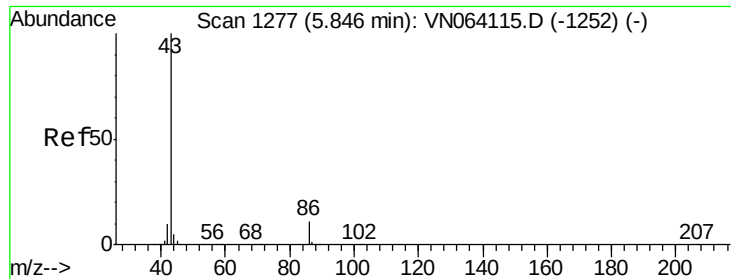
Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	45	Resp:	556706
Ion	Ratio	Lower	Upper
45	100		
43	66.7	50.9	76.3
87	29.5	23.5	35.3
59	12.4	9.4	14.2





#23

Vinyl Acetate

Concen: 259.772 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2589189

Ion Ratio Lower Upper

43 100

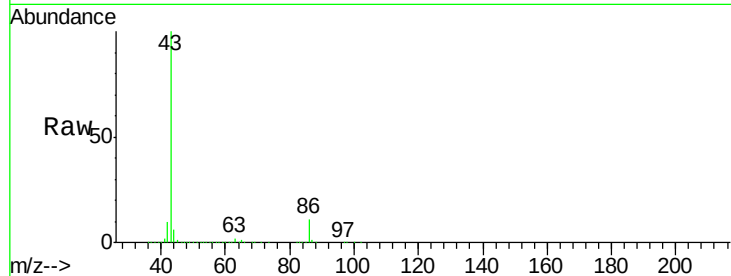
86 10.8 8.8 13.2

Manual Integrations

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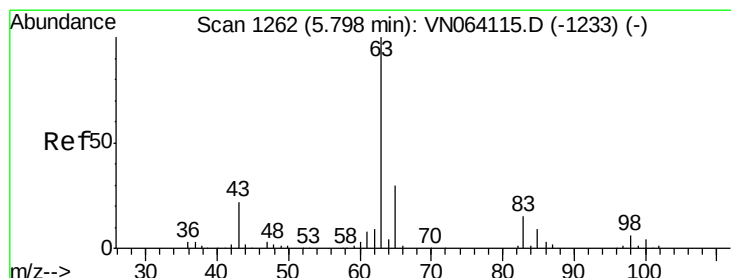
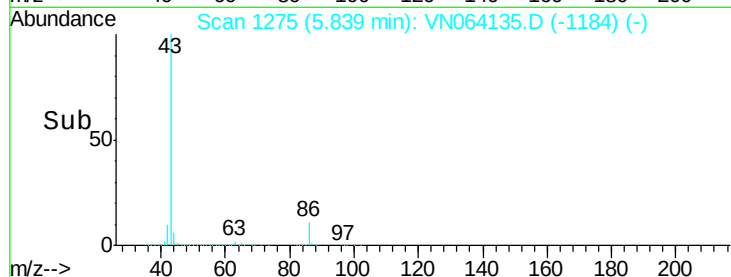
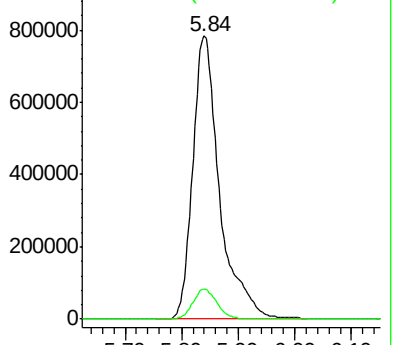
apatel

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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: 47.651 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

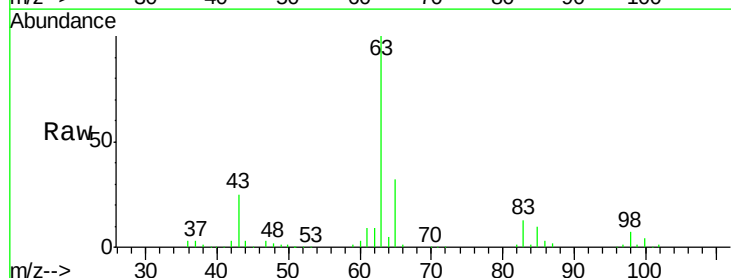
Tgt Ion: 63 Resp: 371305

Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.3

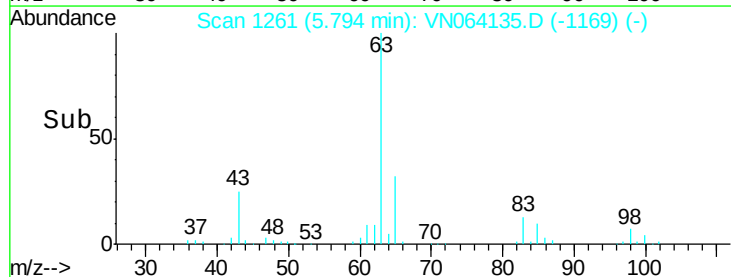
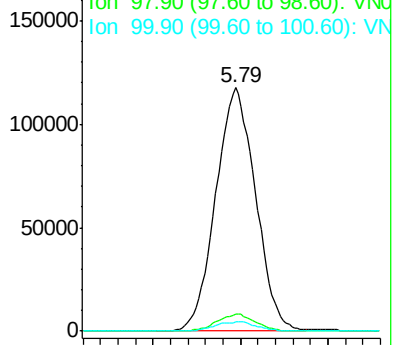
100 3.7 2.1 6.2

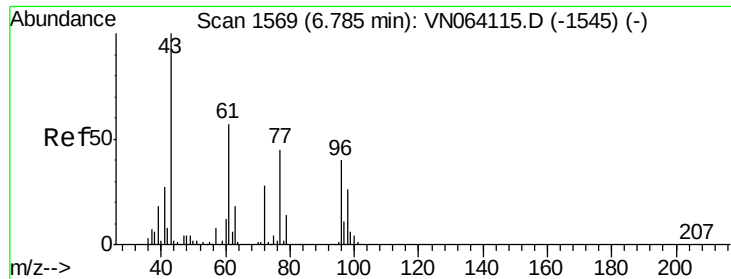


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 270.741 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 650216

Ion Ratio Lower Upper

43 100

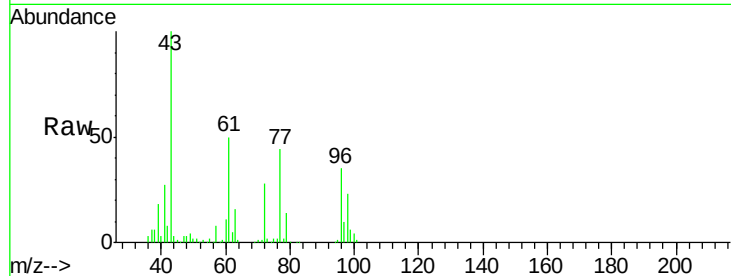
72 27.9 22.2 33.2

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

250000

200000

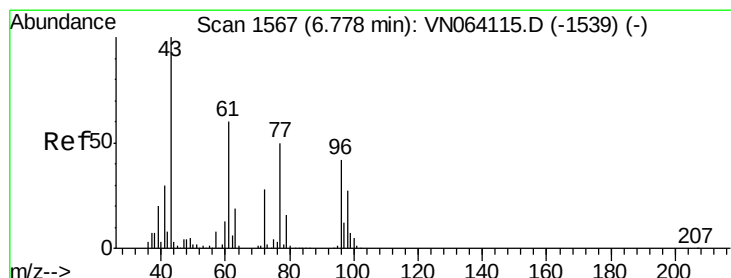
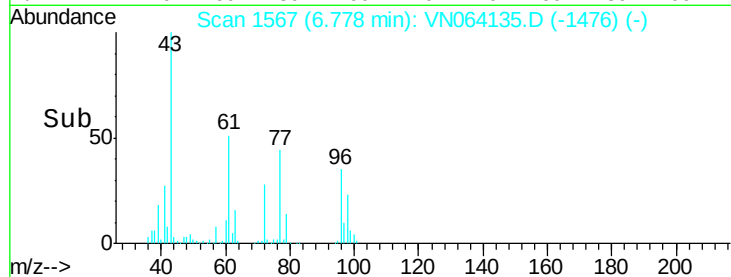
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.155 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064135.D

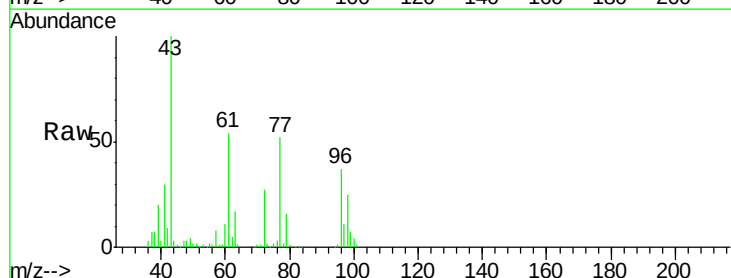
Acq: 15 Oct 2020 11:08

Tgt Ion: 77 Resp: 325150

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

120000

100000

80000

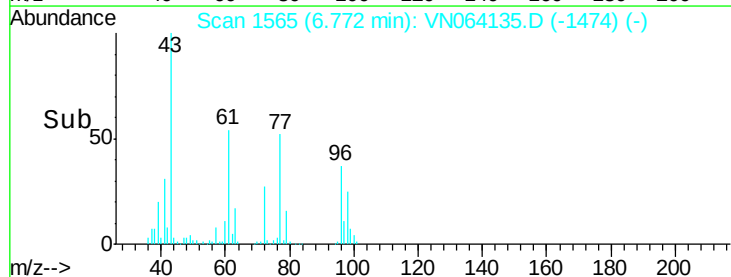
60000

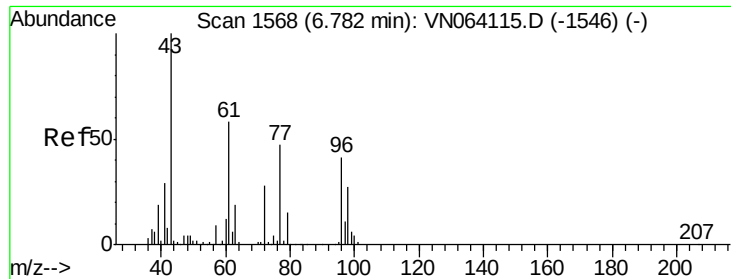
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.966 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

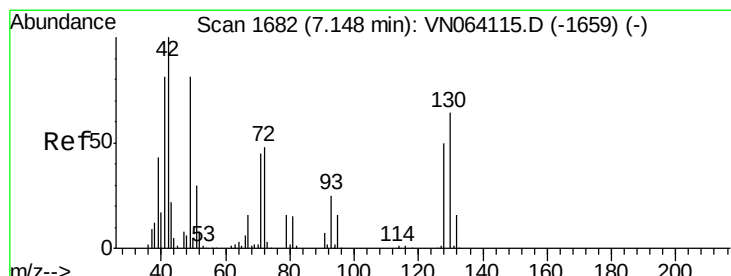
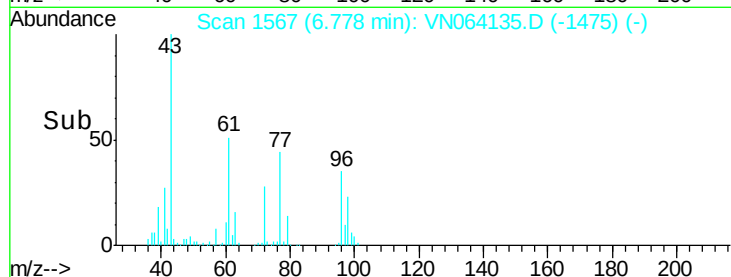
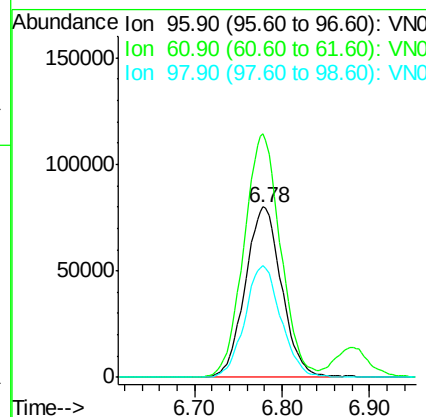
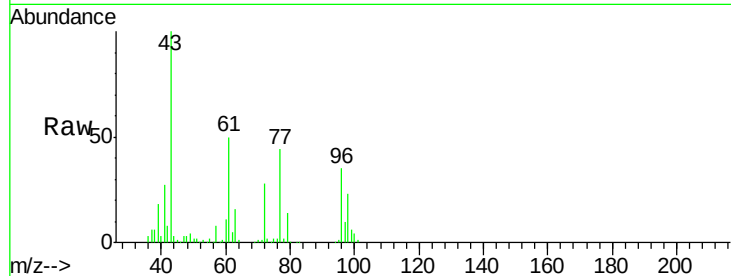
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	230597
Ion Ratio	Lower	Upper	
96	100		
61	144.1	0.0	285.6
98	65.0	0.0	131.0

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#28

Bromochloromethane

Concen: 47.832 ug/l

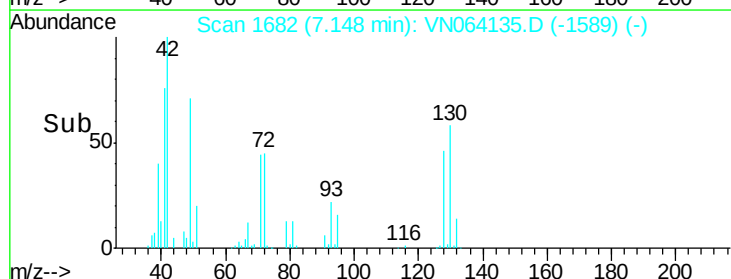
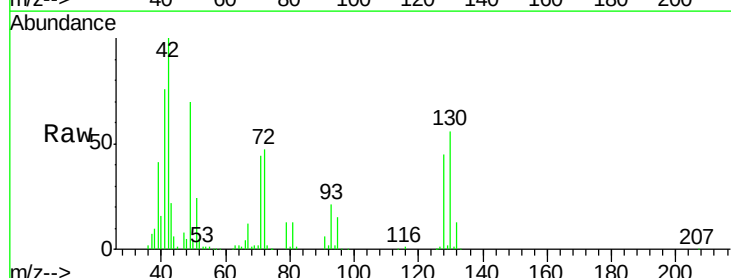
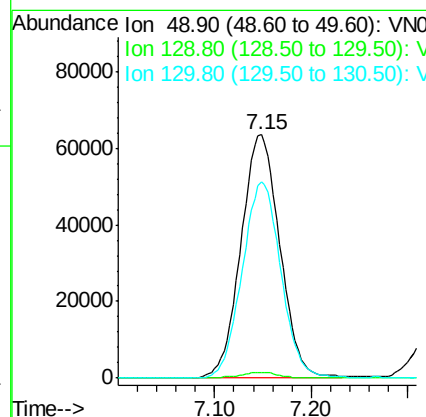
RT: 7.15 min Scan# 1682

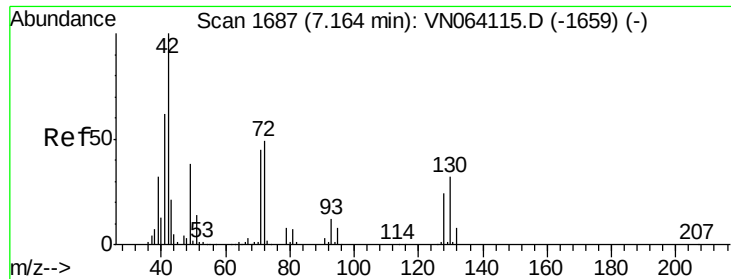
Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	49	Resp:	177526
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	2.0#
130	80.3	0.0	0.0#





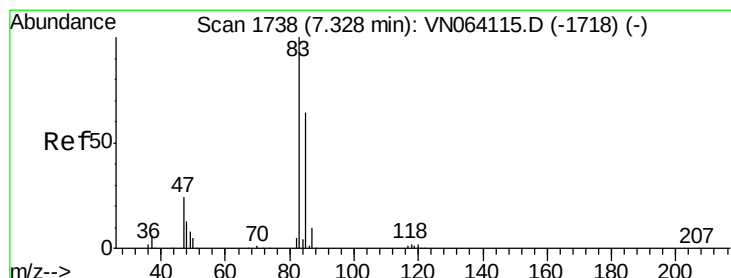
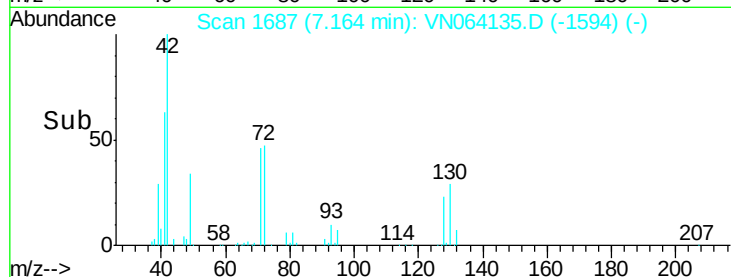
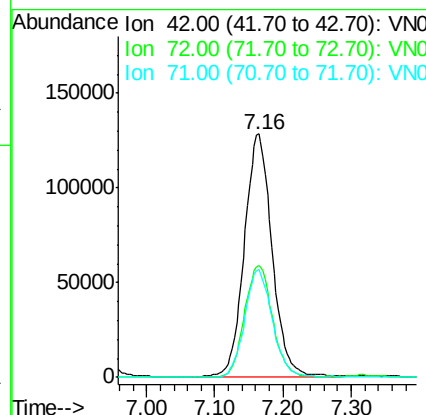
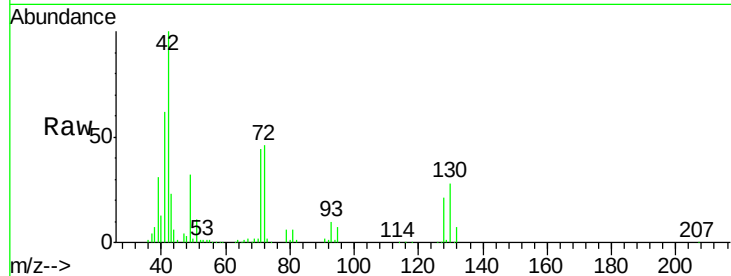
#29
Tetrahydrofuran
Concen: 257.679 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.8	56.6
71	44.1	35.3	52.9

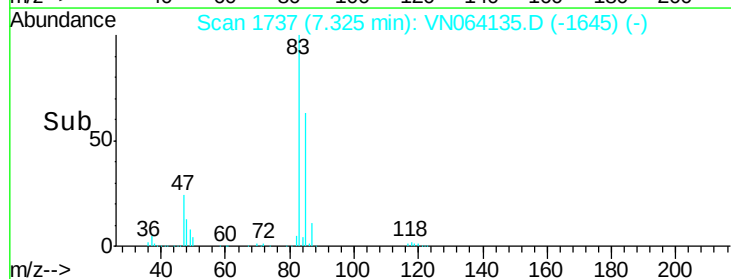
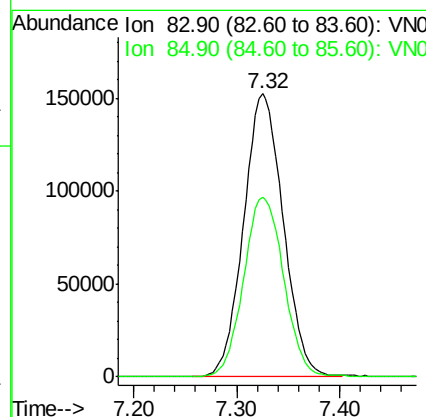
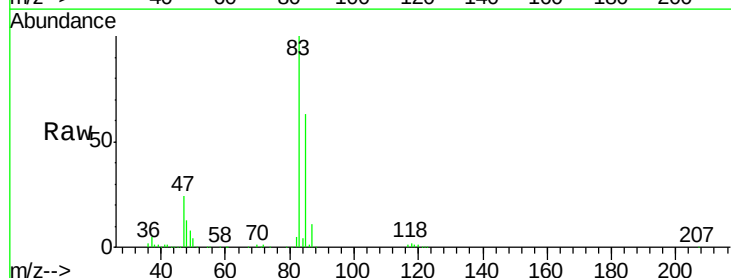
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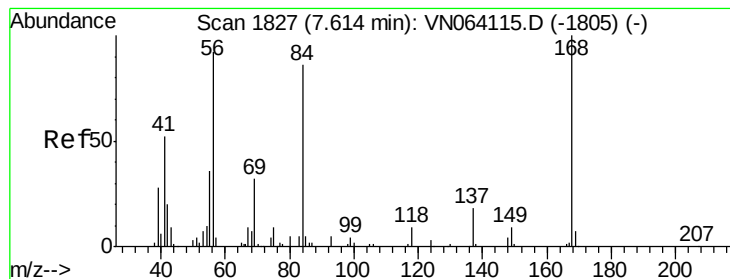
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#30
Chloroform
Concen: 49.095 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





#31

Cyclohexane

Concen: 45.368 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

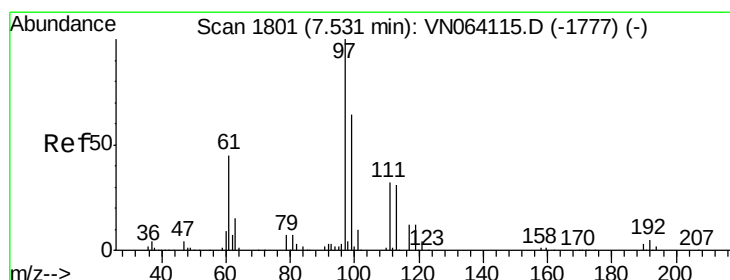
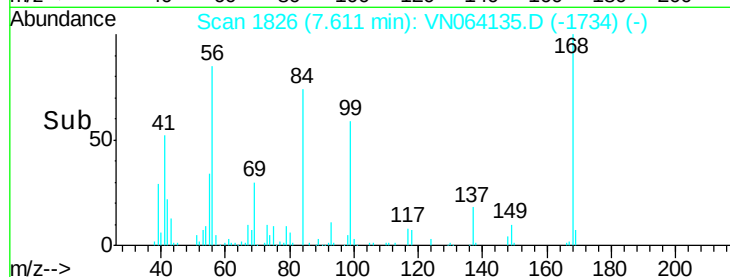
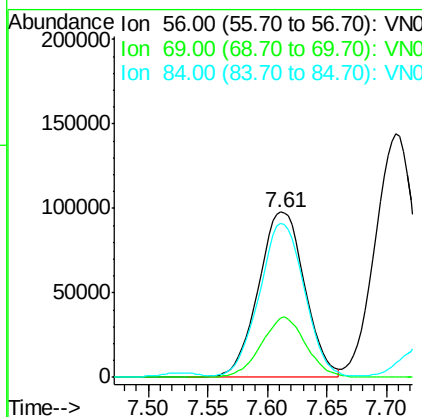
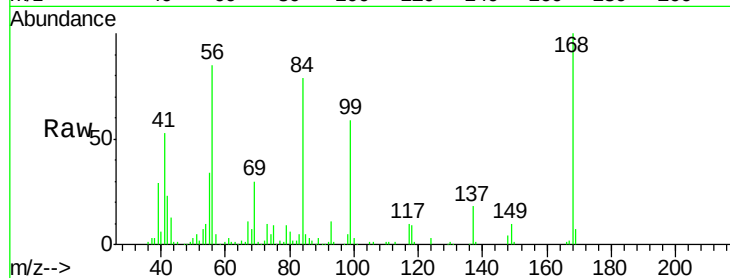
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	264010
Ion Ratio		Lower	Upper
56	100		
69	35.9	27.8	41.6
84	90.8	73.2	109.8

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#32

1,1,1-Trichloroethane

Concen: 48.864 ug/l

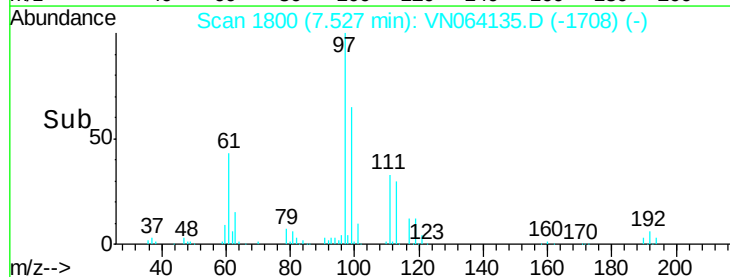
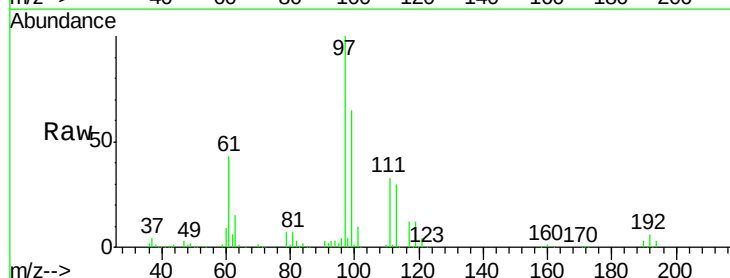
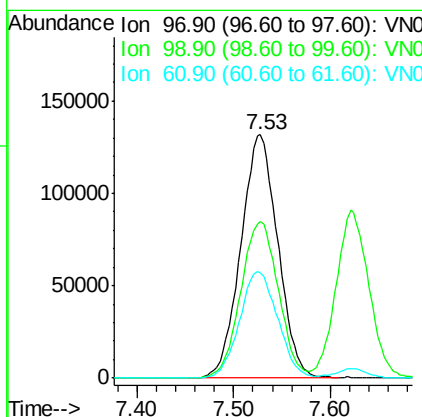
RT: 7.53 min Scan# 1800

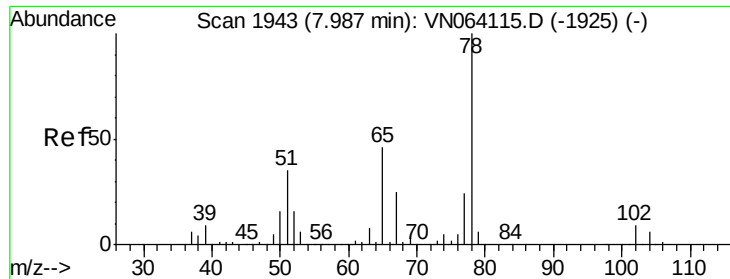
Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	97	Resp:	350510
Ion Ratio		Lower	Upper
97	100		
99	65.5	50.2	75.2
61	45.0	35.6	53.4





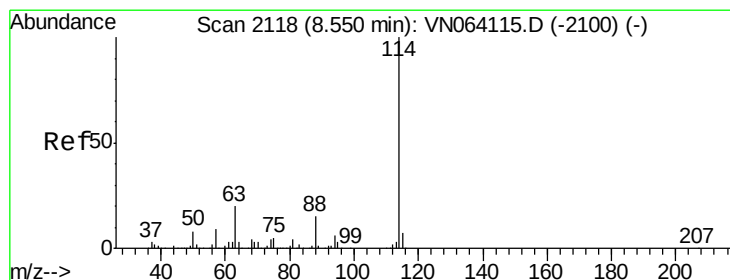
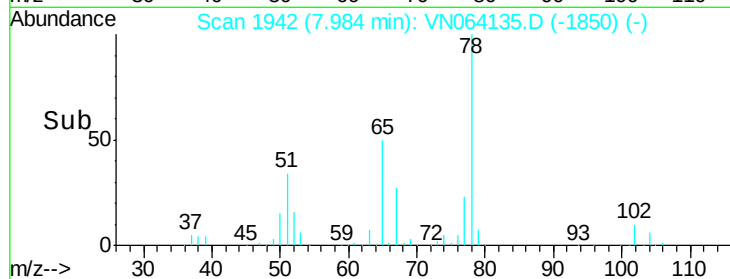
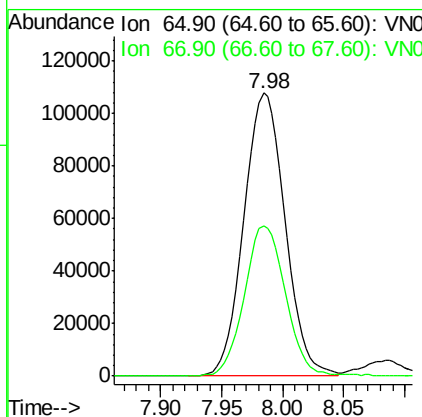
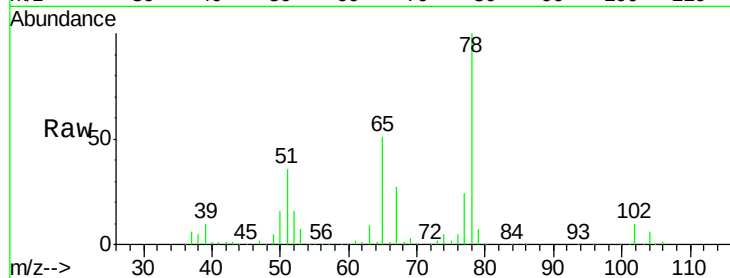
#33
 1,2-Dichloroethane-d4
 Concen: 47.882 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252053		
67	52.9	0.0	105.6	

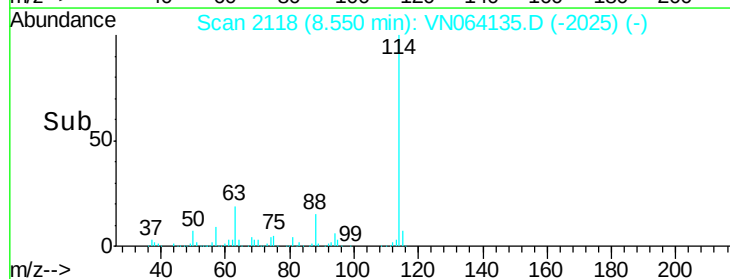
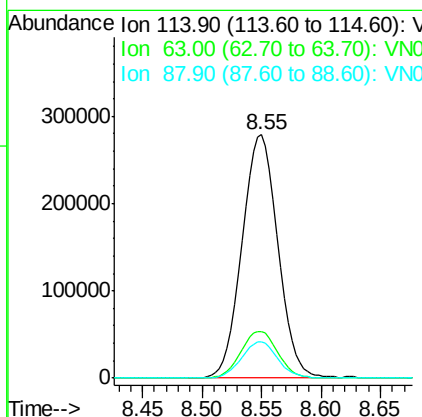
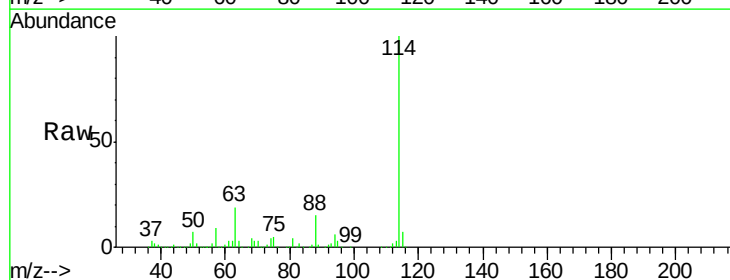
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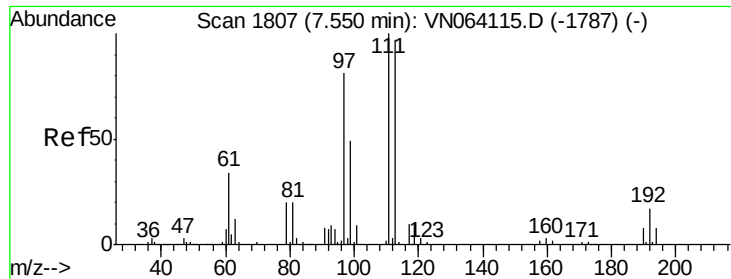
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	583237		
63	19.3	0.0	41.0	
88	15.0	0.0	29.2	





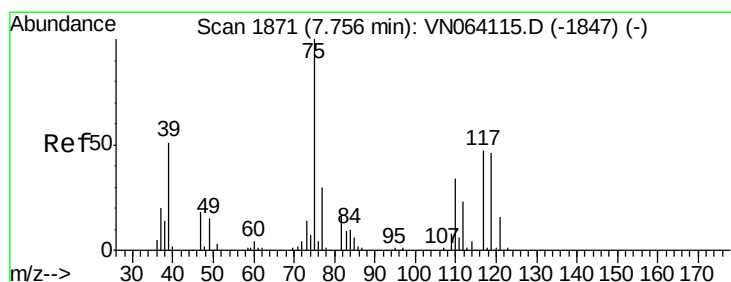
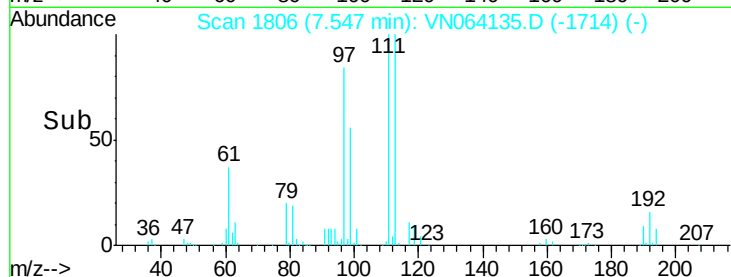
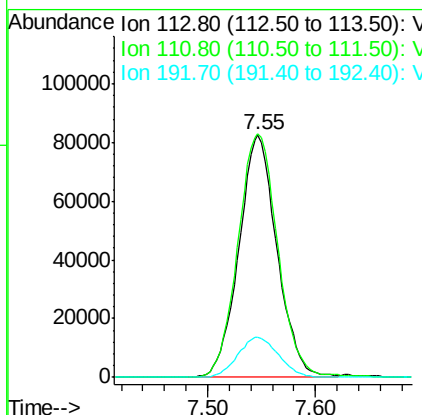
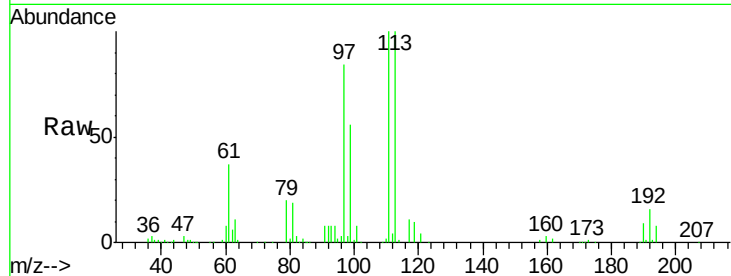
#35
Dibromofluoromethane
Concen: 50.180 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	202569		
111	104.4	81.9	122.9	
192	17.7	14.3	21.5	

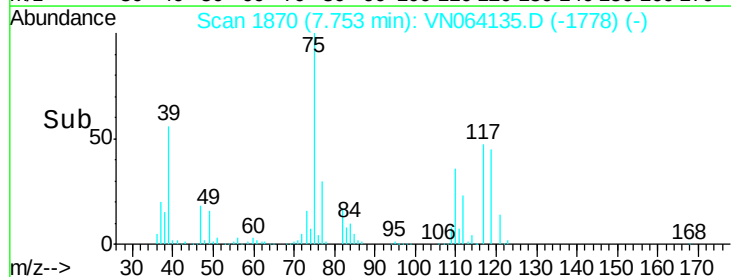
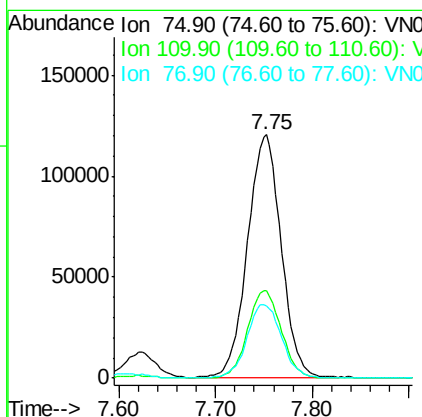
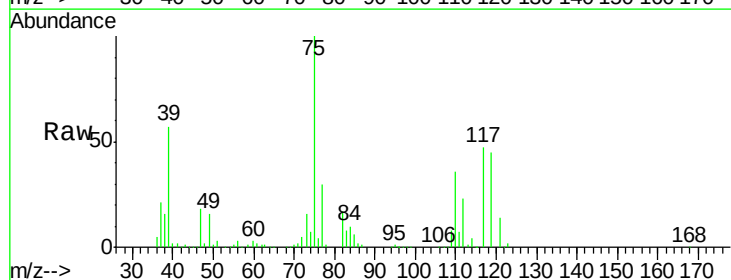
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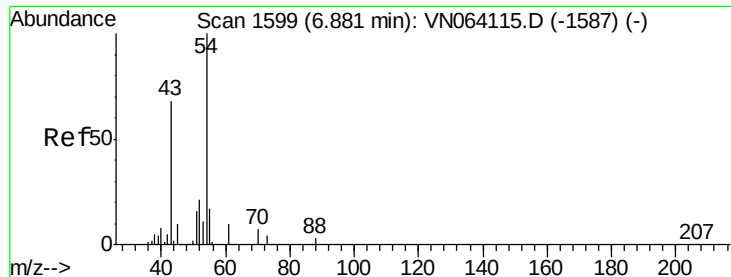
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#36
1,1-Dichloropropene
Concen: 51.560 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	289850		
110	36.1	17.8	53.3	
77	31.4	24.9	37.3	





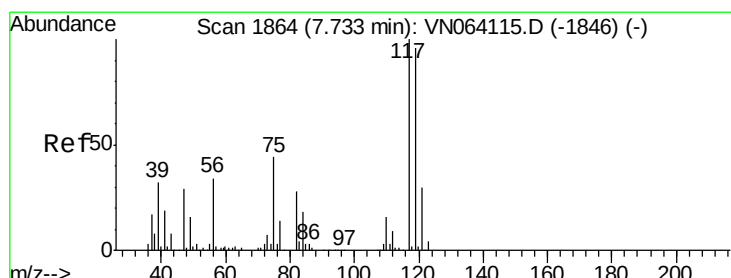
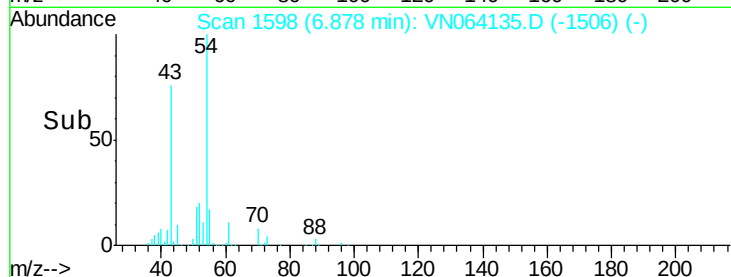
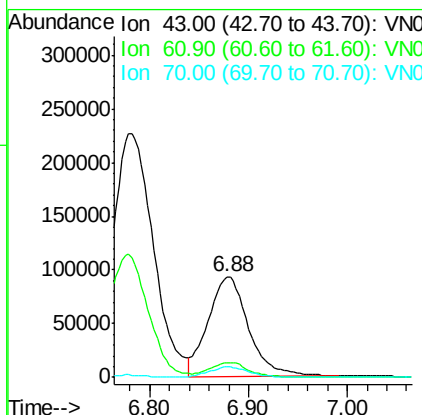
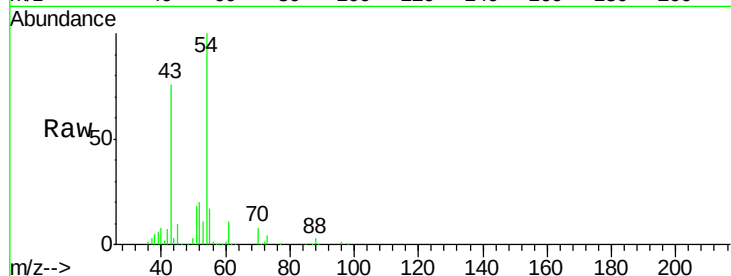
#37
Ethyl Acetate
Concen: 52.988 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	9.9	7.7	11.5

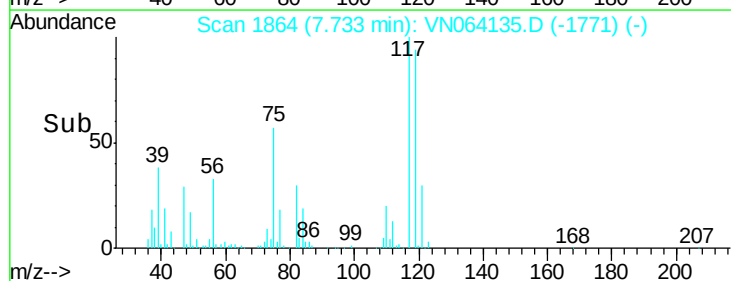
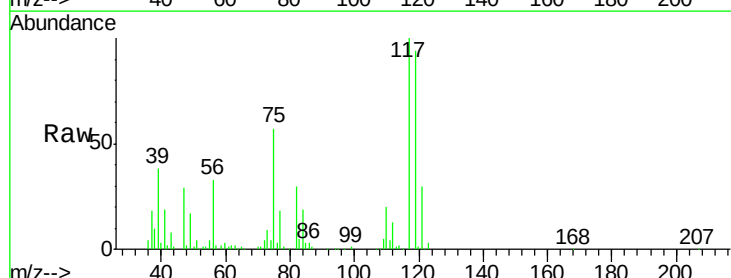
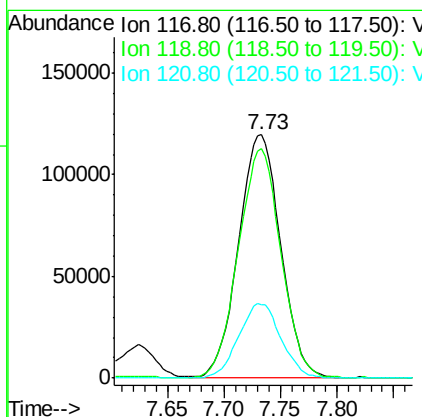
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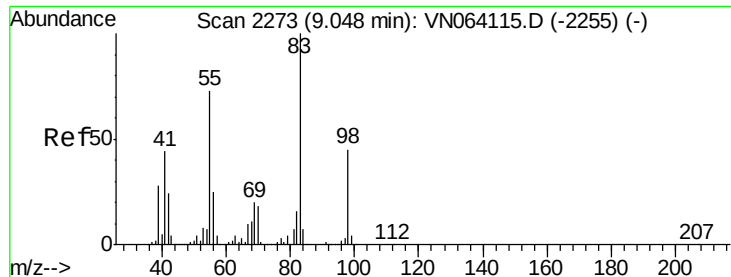
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#38
Carbon Tetrachloride
Concen: 51.027 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.0	115.4
121	30.5	24.2	36.4





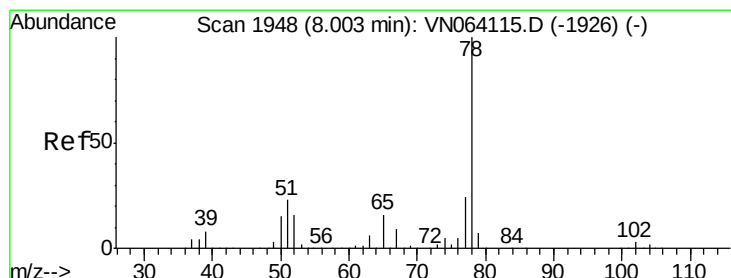
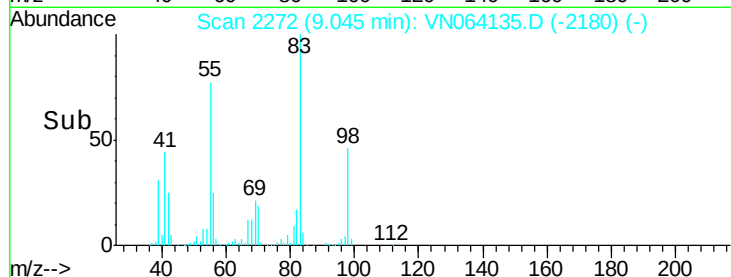
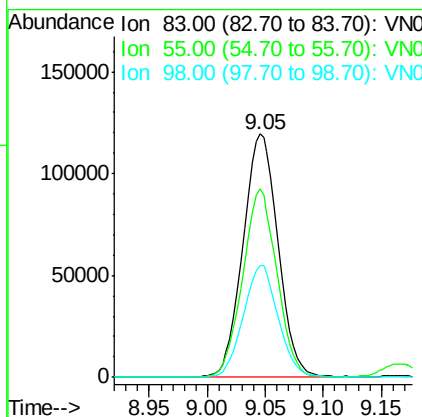
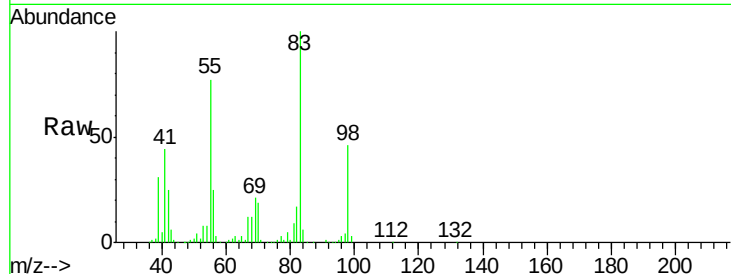
#39
Methylvlcyclohexane
Concen: 53.421 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	58.5	87.7
98	46.0	36.2	54.2

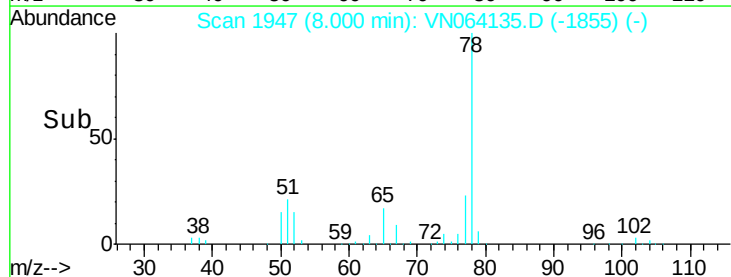
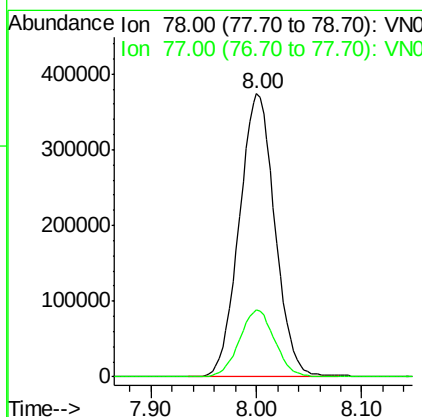
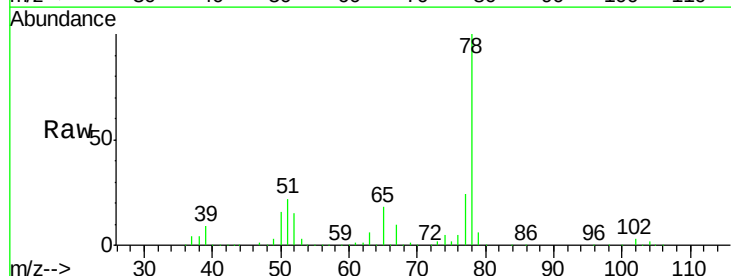
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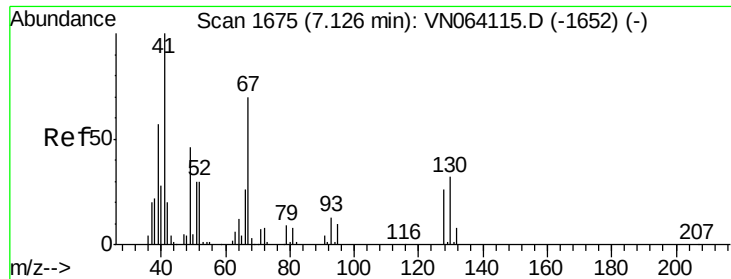
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#40
Benzene
Concen: 51.597 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





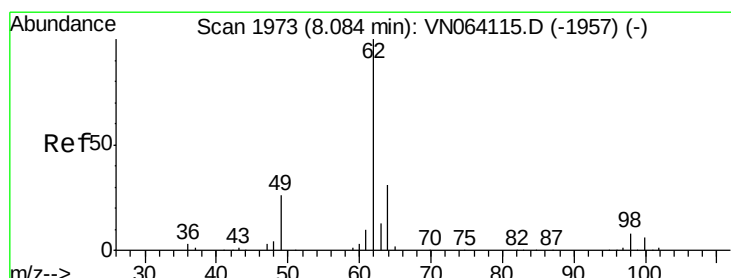
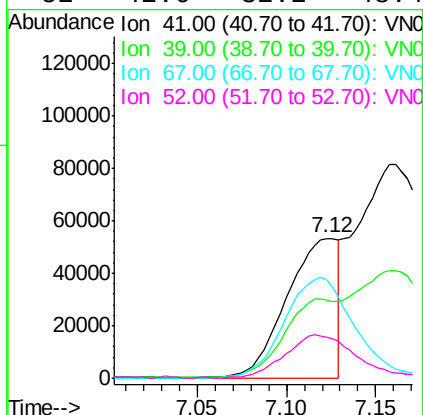
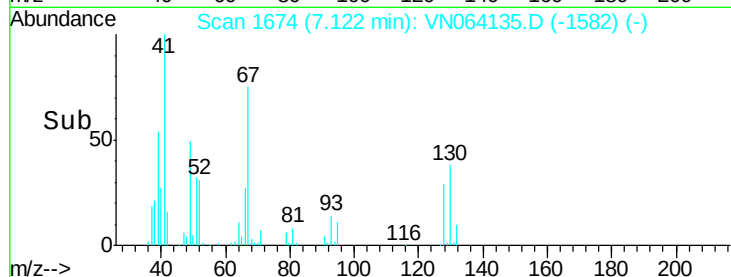
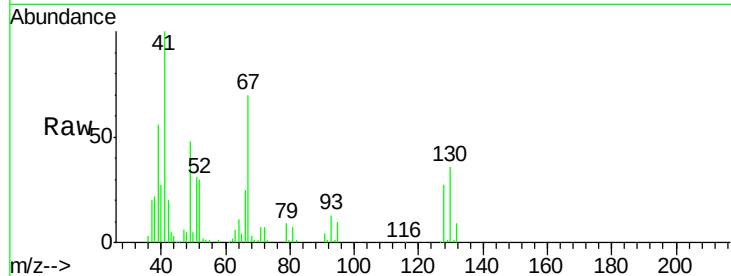
#41
Methacrylonitrile
Concen: 48.789 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.0	50.7	76.1	
67	100.5	73.8	110.6	
52	42.6	32.2	48.4	

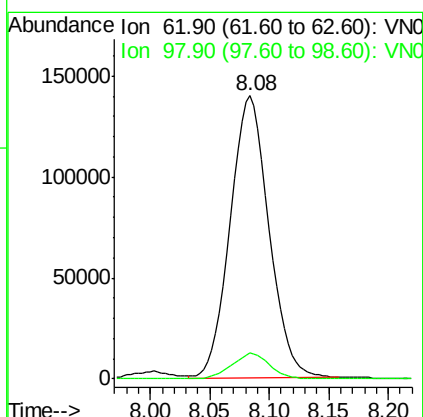
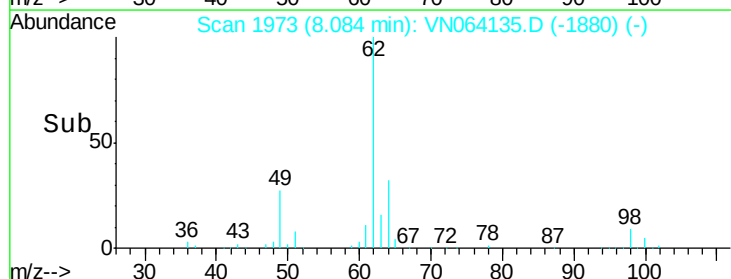
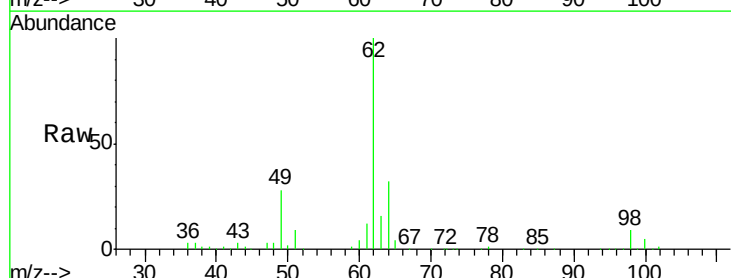
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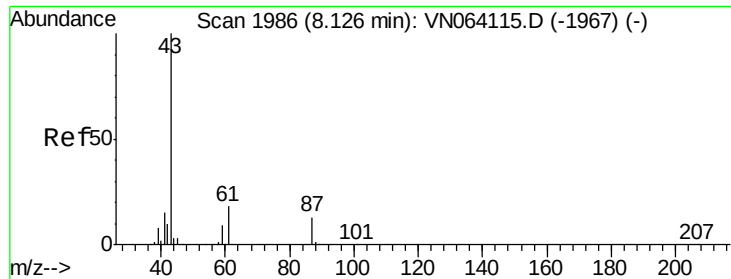
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#42
1,2-Dichloroethane
Concen: 52.102 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.6	





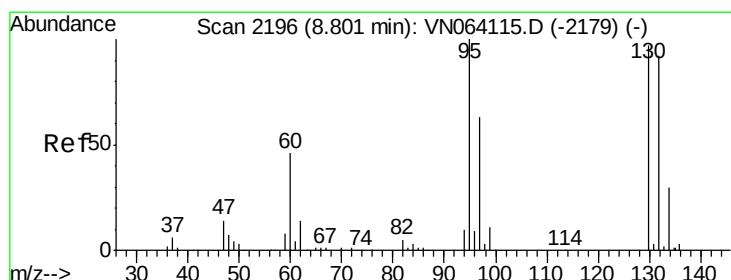
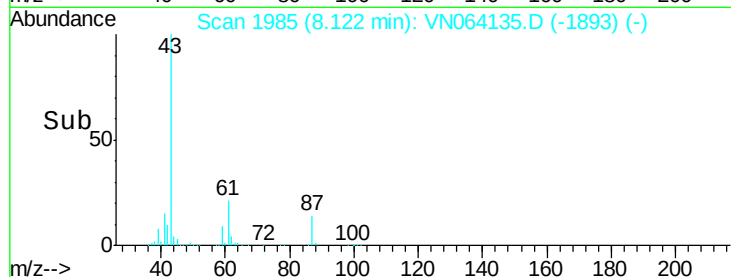
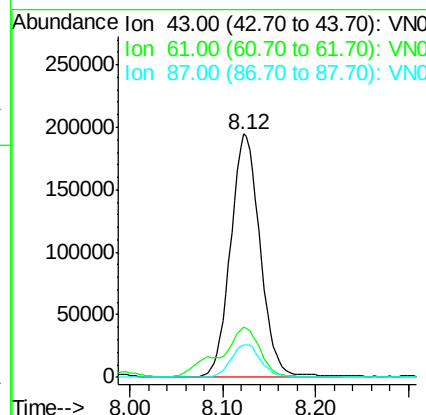
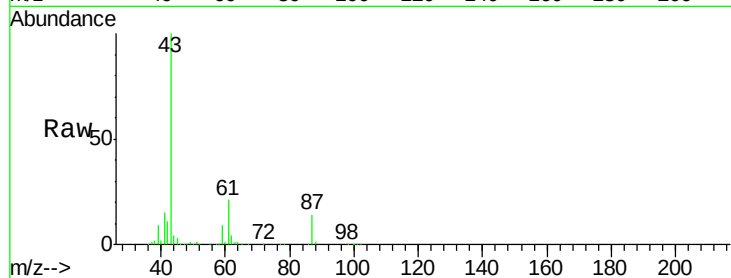
#43
Isopropyl Acetate
Concen: 51.610 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	21.9	32.9#
87	13.8	11.0	16.4

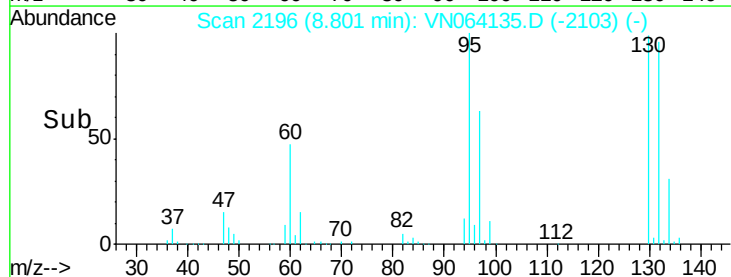
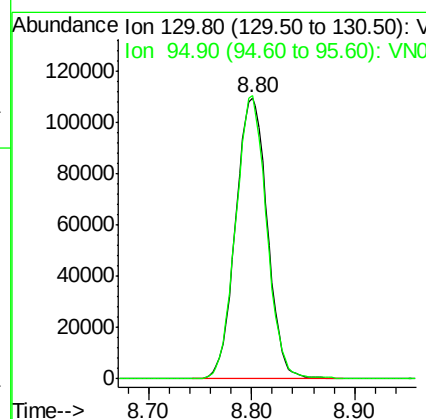
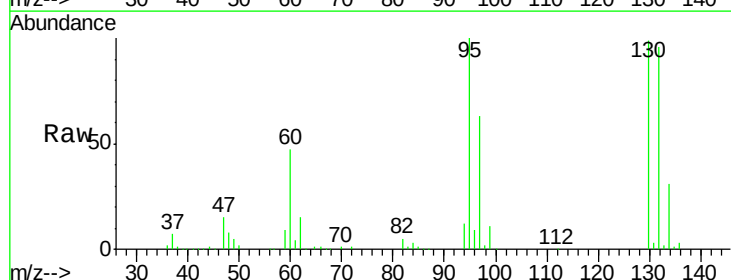
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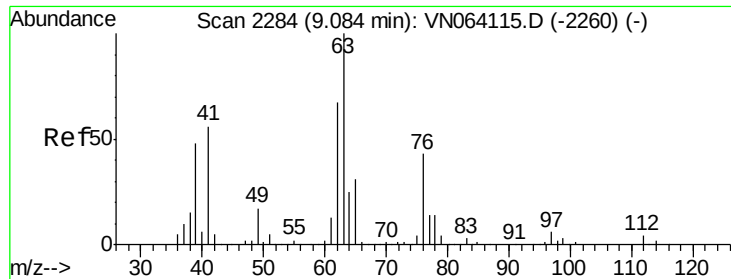
apatel
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#44
Trichloroethene
Concen: 52.322 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	206.2





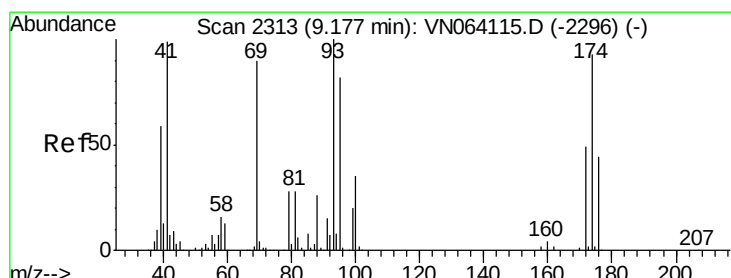
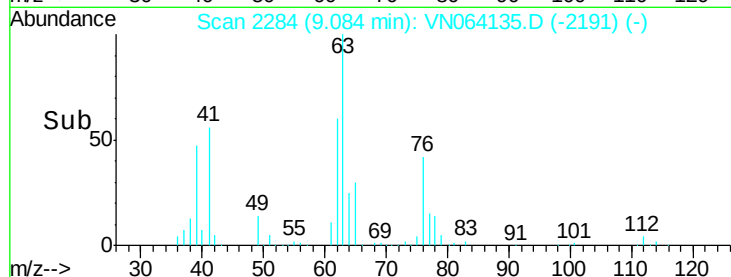
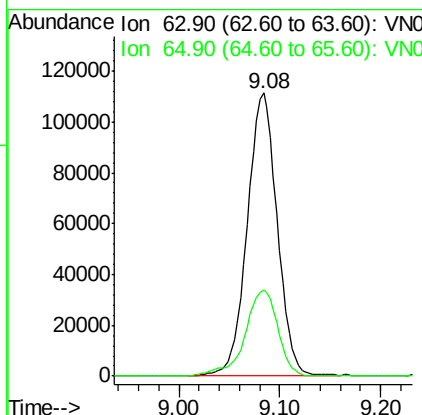
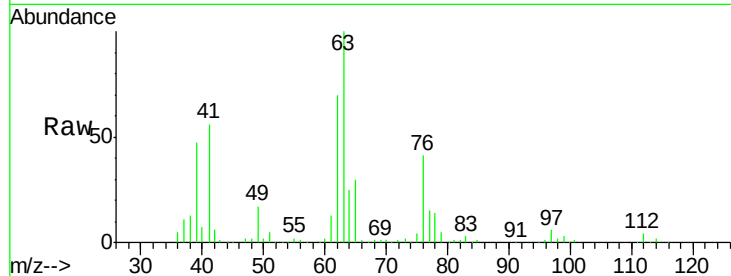
#45
 1,2-Dichloropropane
 Concen: 51.260 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 228635
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6

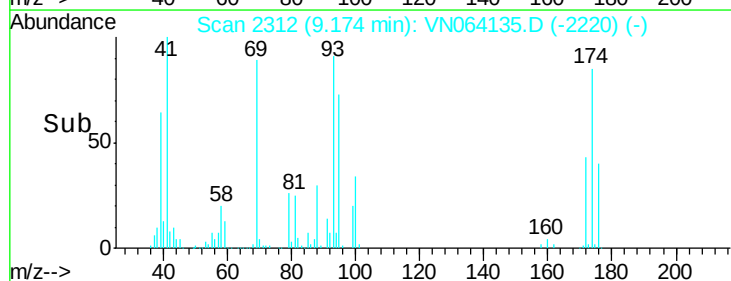
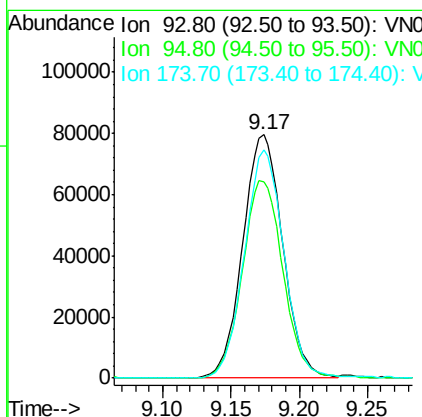
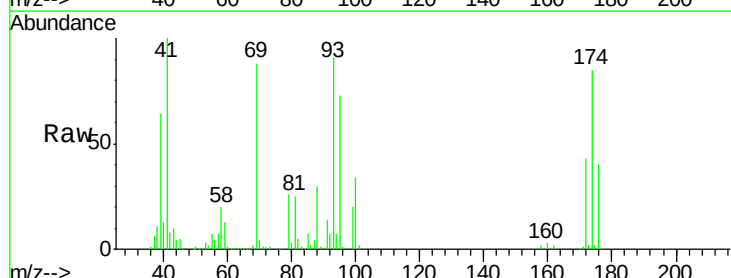
Manual Integrations
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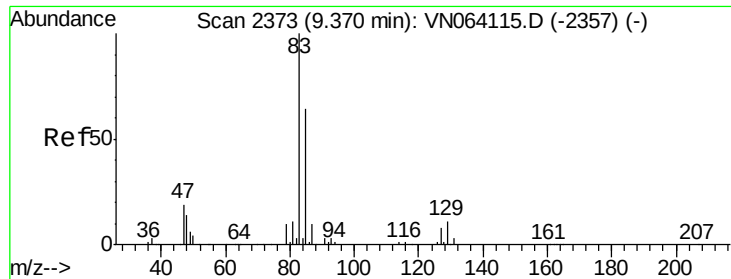
apatel
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#46
 Dibromomethane
 Concen: 51.272 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion: 93 Resp: 162244
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.8 100.2
 174 92.7 75.2 112.8





#47

Bromodichloromethane

Concen: 53.065 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

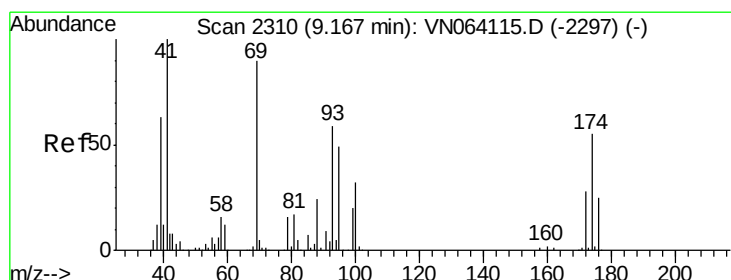
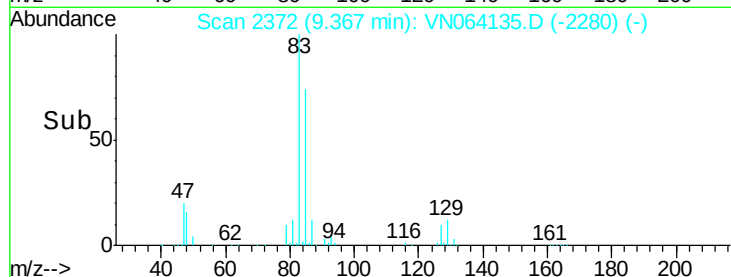
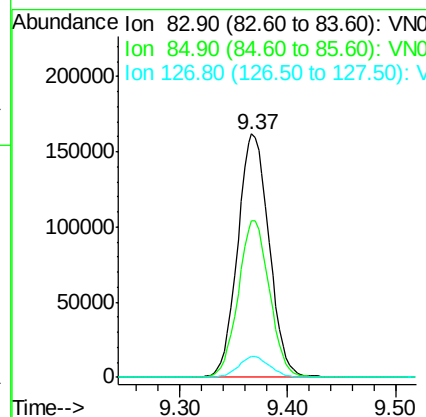
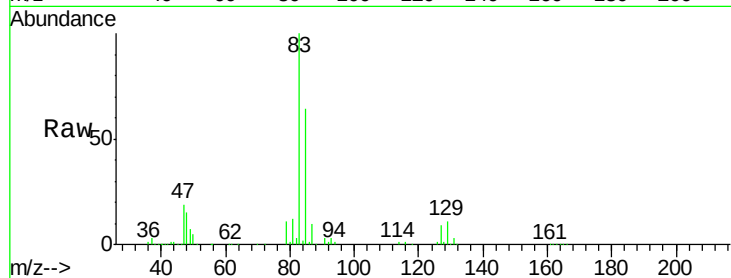
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	328532
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.8	76.2
127	8.6	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.842 ug/l

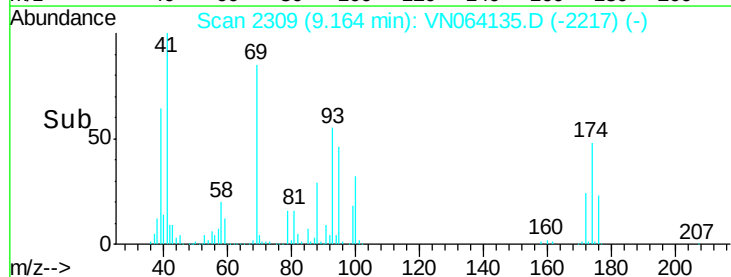
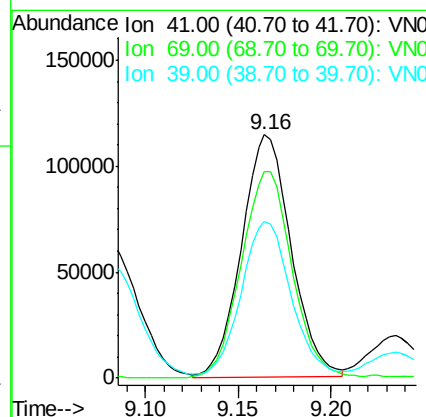
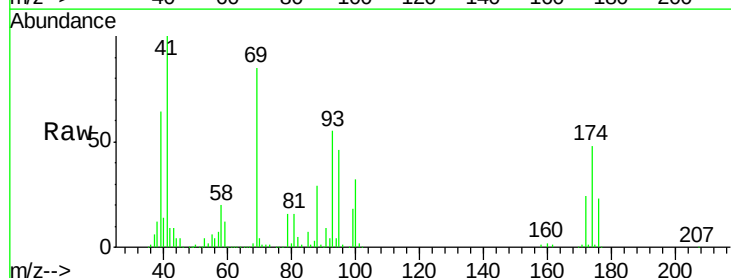
RT: 9.16 min Scan# 2309

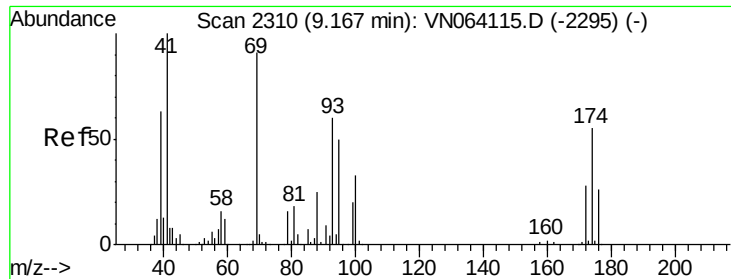
Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	41	Resp:	213550
Ion Ratio	Lower	Upper	
41	100		
69	87.4	71.4	107.2
39	64.9	52.5	78.7





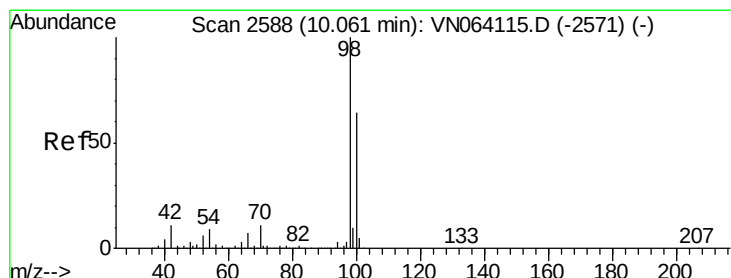
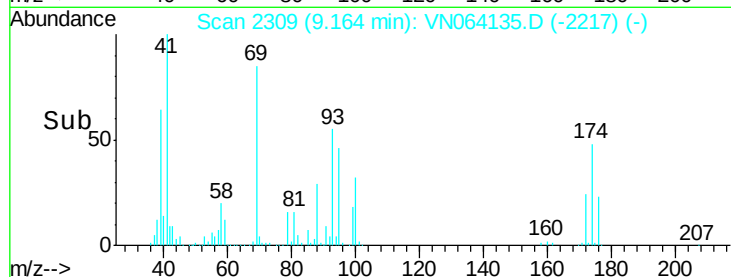
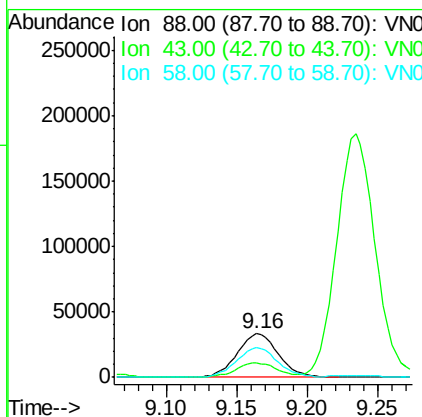
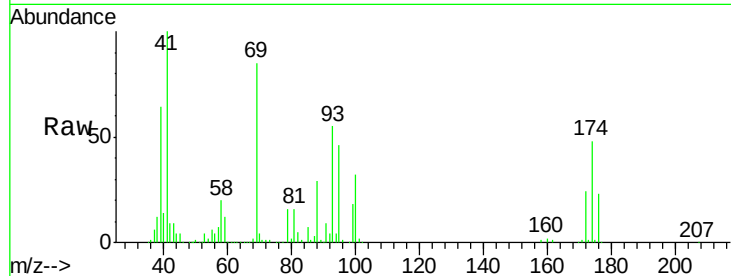
#49
1,4-Dioxane
Concen: 1182.617 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	27.2	40.8
58	67.8	52.6	78.8

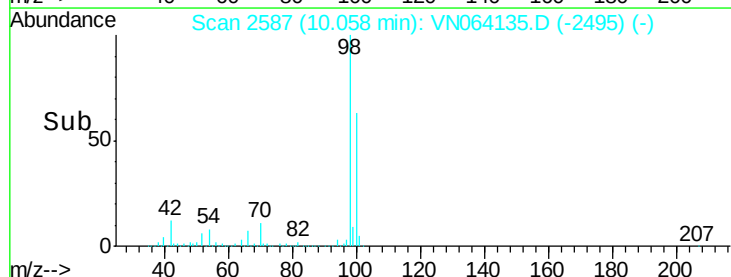
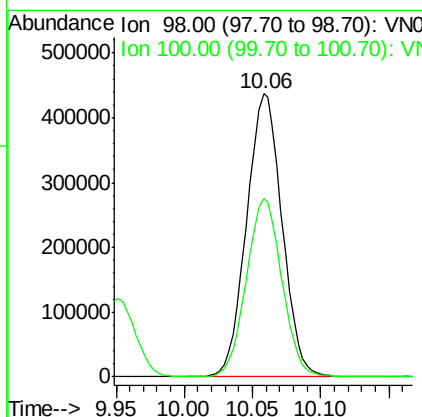
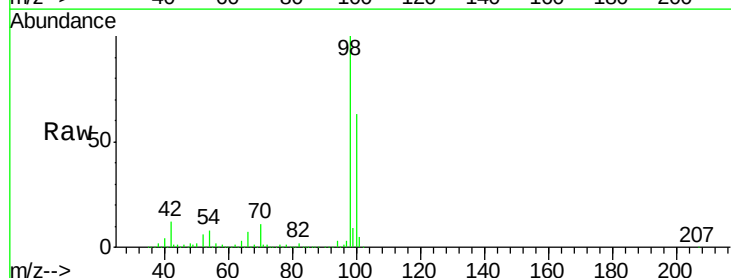
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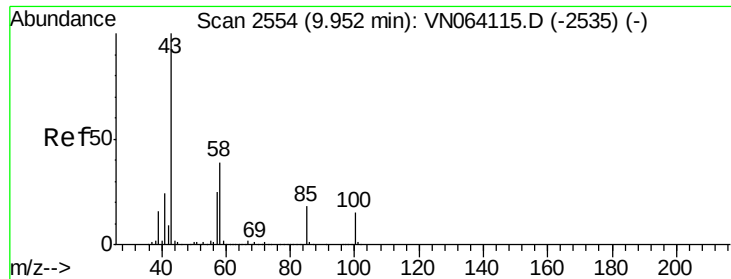
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#50
Toluene-d8
Concen: 51.733 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 281.695 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1379997

Ion Ratio Lower Upper

43 100

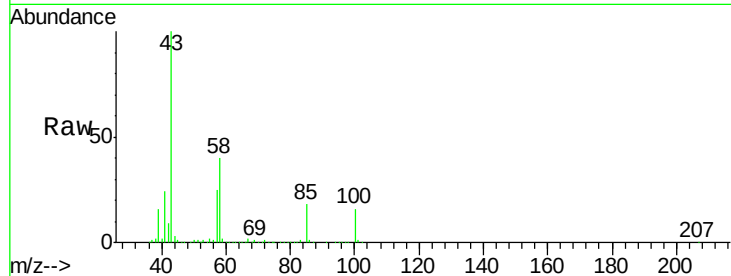
58 39.2 31.2 46.8

Manual Integrations

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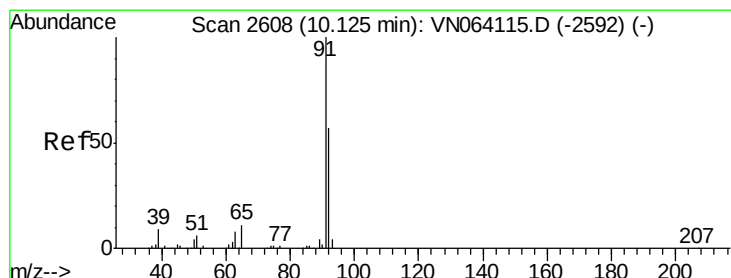
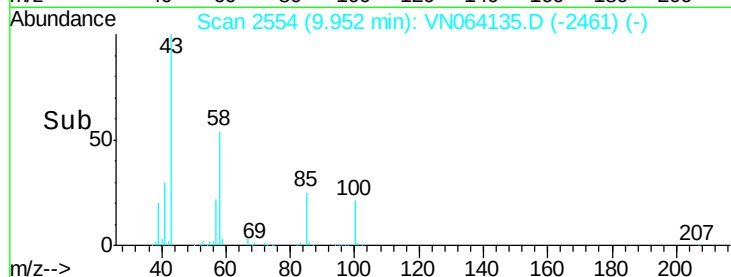
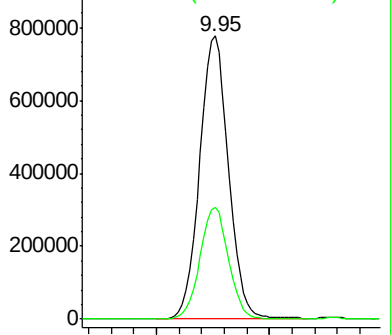
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 53.726 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064135.D

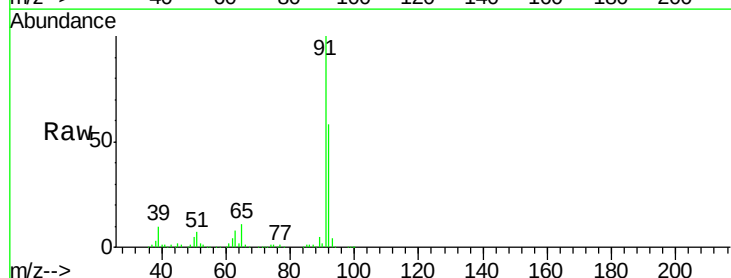
Acq: 15 Oct 2020 11:08

Tgt Ion: 92 Resp: 561982

Ion Ratio Lower Upper

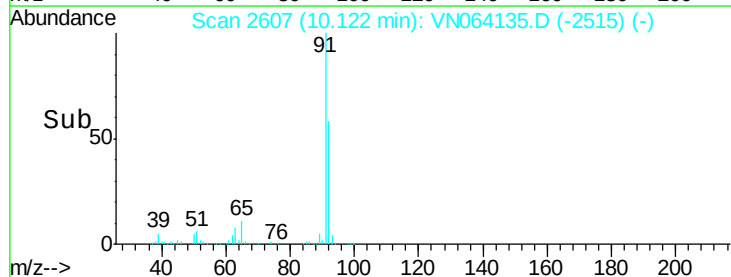
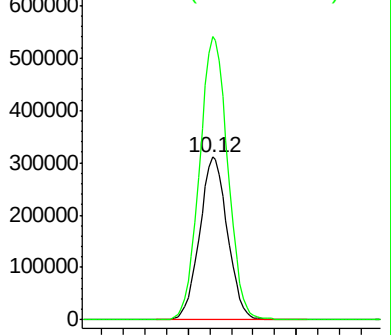
92 100

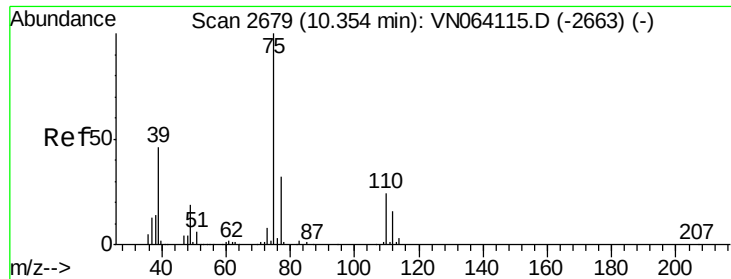
91 176.3 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





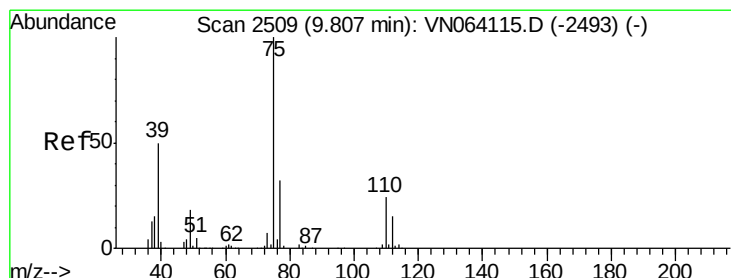
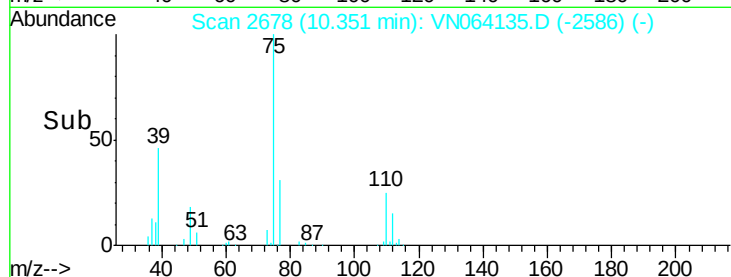
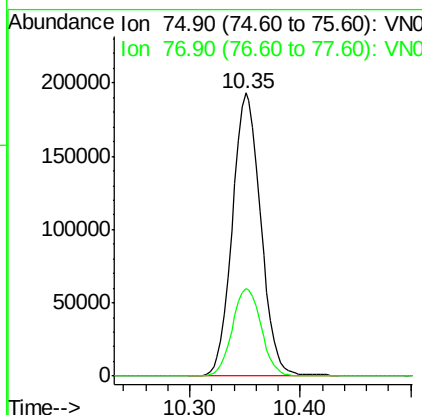
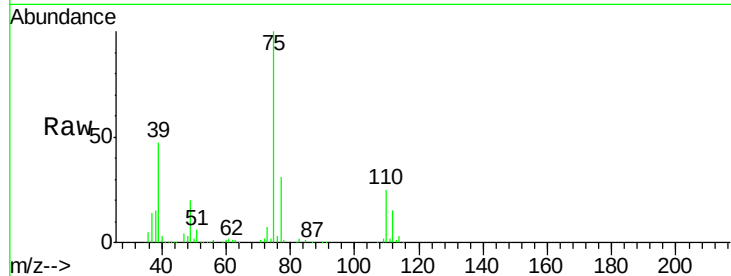
#53
t-1,3-Dichloropropene
Concen: 54.335 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.6	38.4

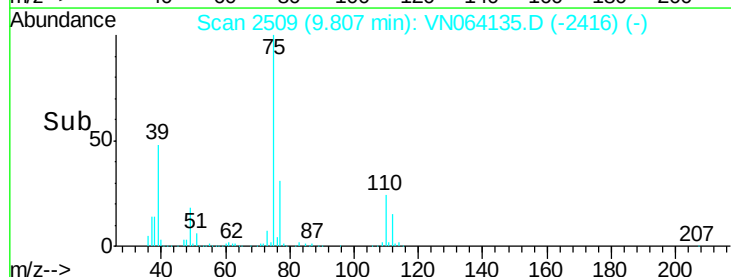
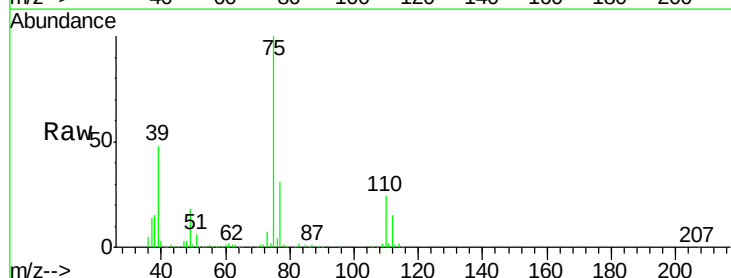
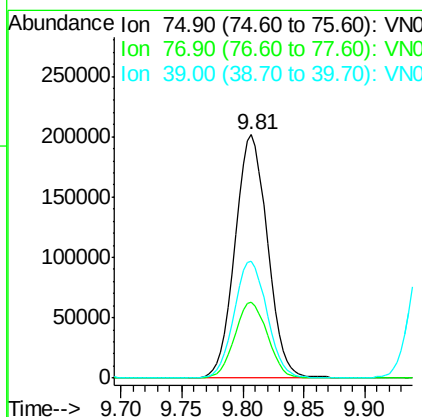
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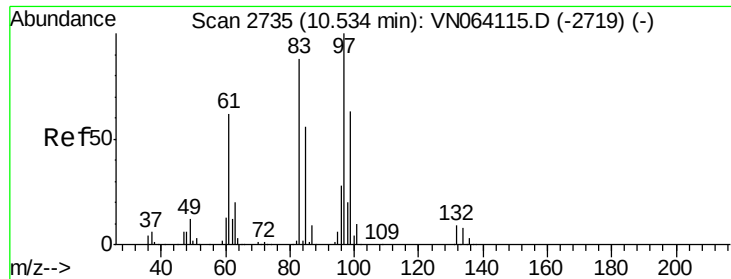
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#54
cis-1,3-Dichloropropene
Concen: 53.352 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8
39	48.1	39.8	59.8





#55

1,1,2-Trichloroethane

Concen: 53.459 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

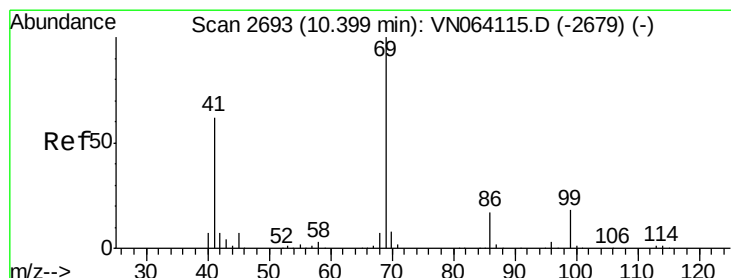
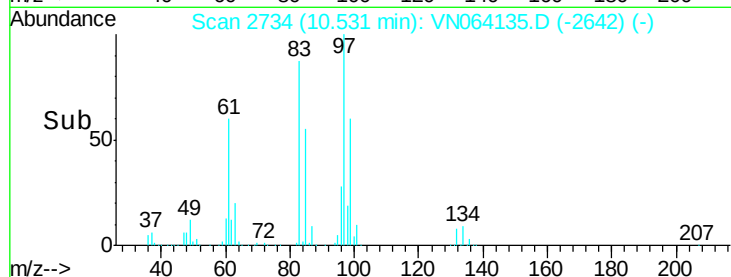
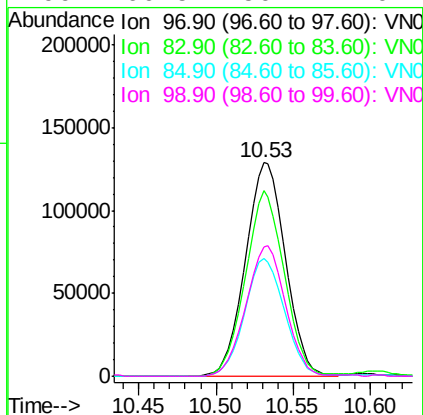
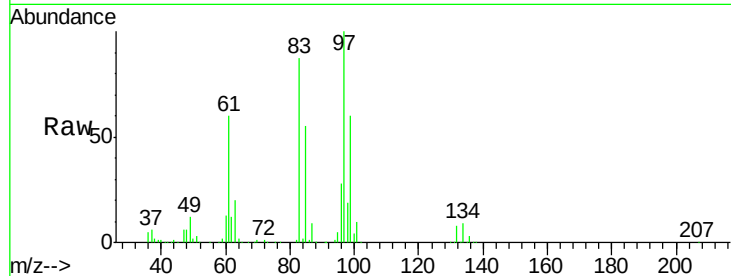
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	231660
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.4
85	55.1	45.0	67.6
99	60.5	50.7	76.1

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#56

Ethyl methacrylate

Concen: 48.539 ug/l

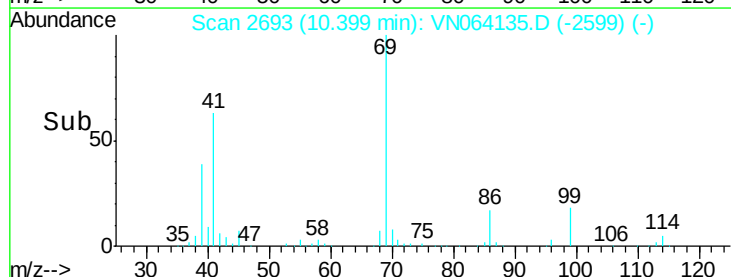
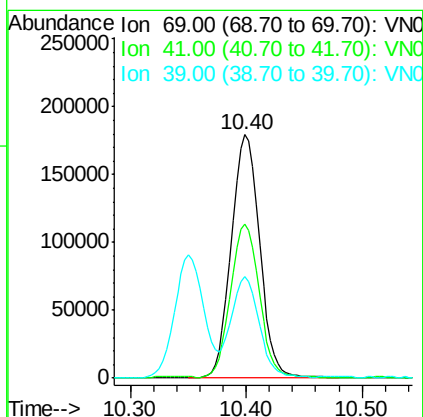
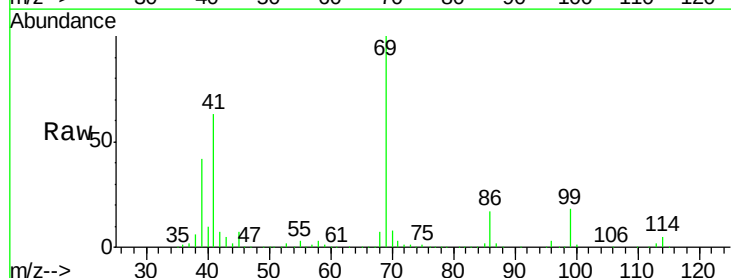
RT: 10.40 min Scan# 2693

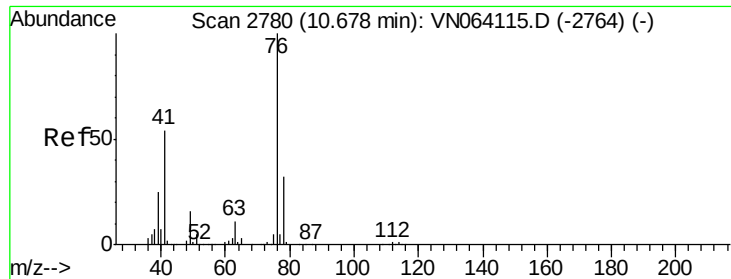
Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	69	Resp:	304327
Ion	Ratio	Lower	Upper
69	100		
41	63.3	49.3	73.9
39	40.7	32.7	49.1





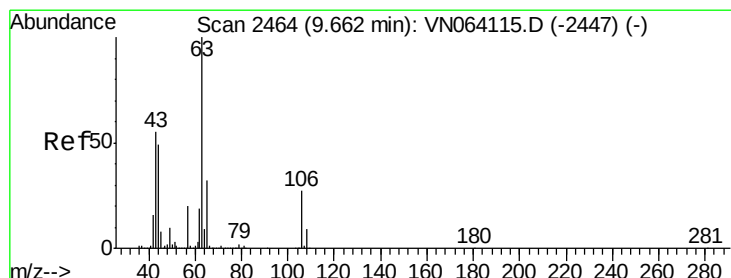
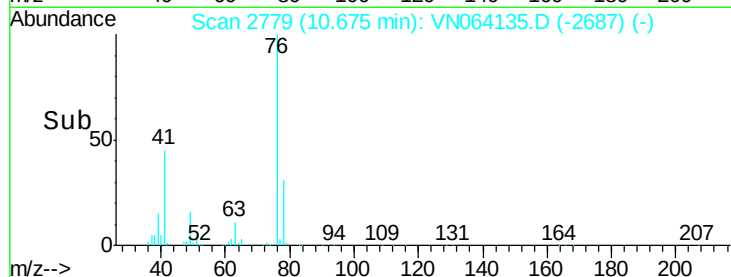
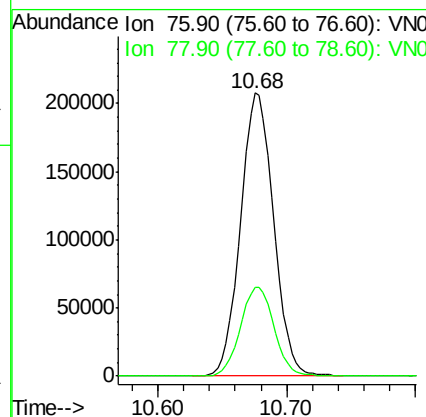
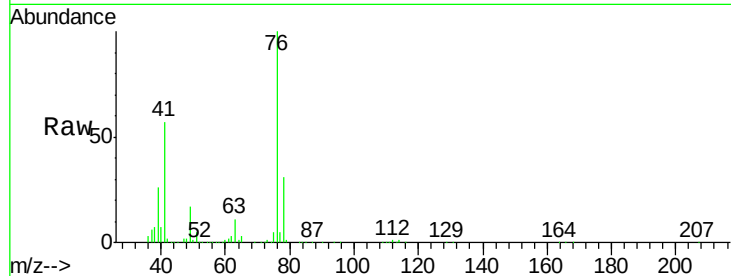
#57
 1,3-Dichloropropane
 Concen: 51.960 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.1	39.1

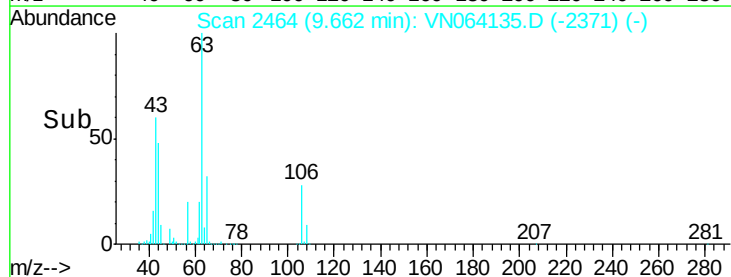
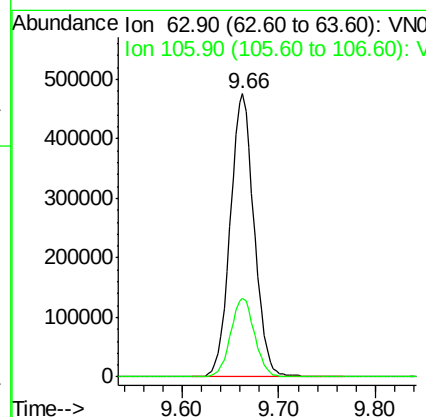
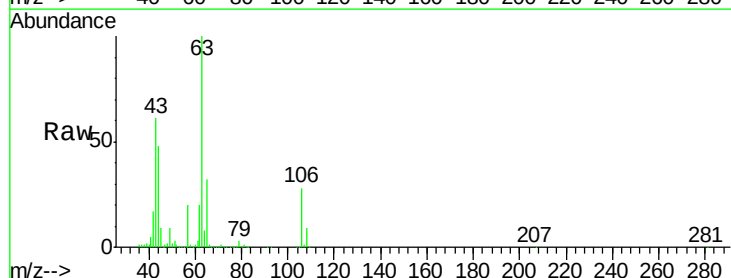
Manual Integrations
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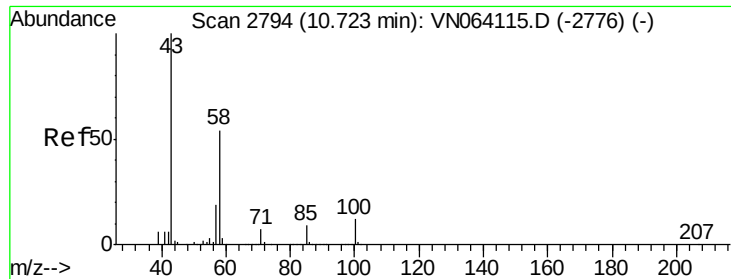
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#58
 2-Chloroethyl Vinyl ether
 Concen: 254.518 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.8	32.6





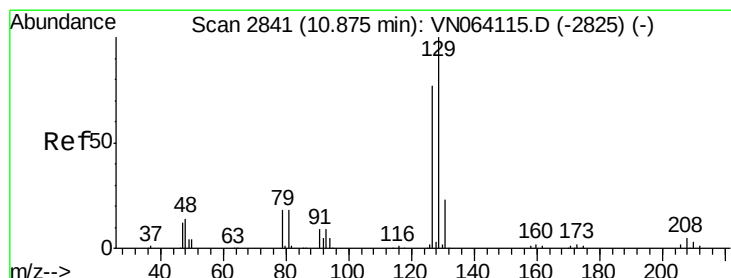
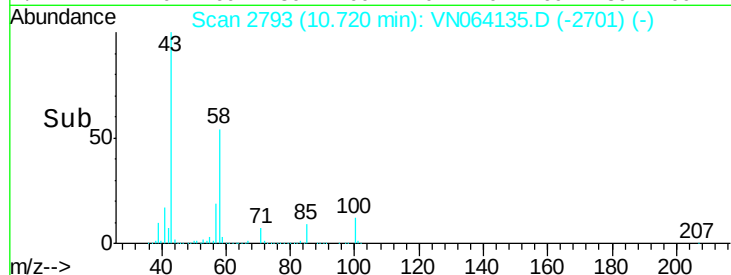
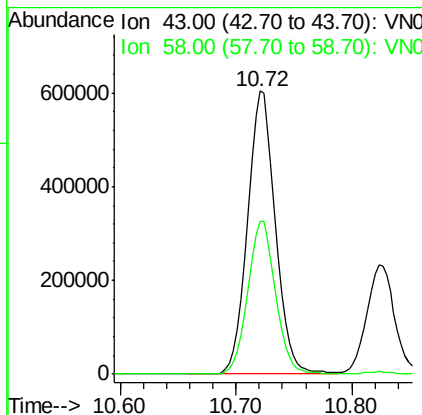
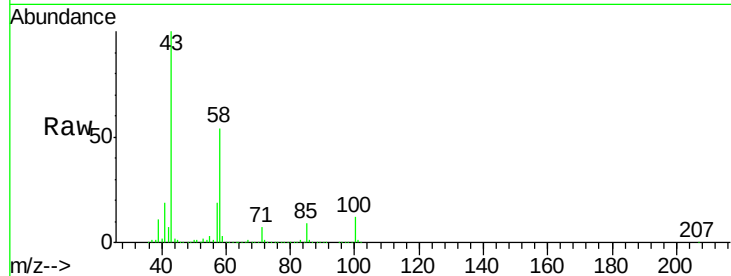
#59
2-Hexanone
Concen: 266.709 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1011716
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.6

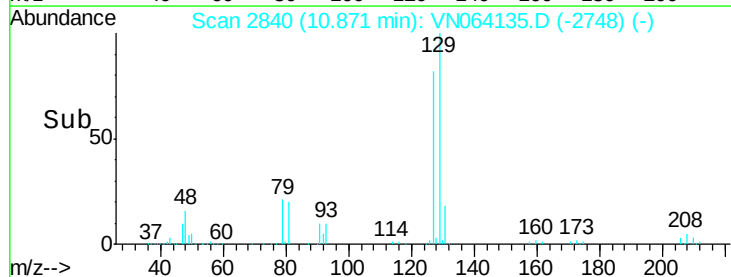
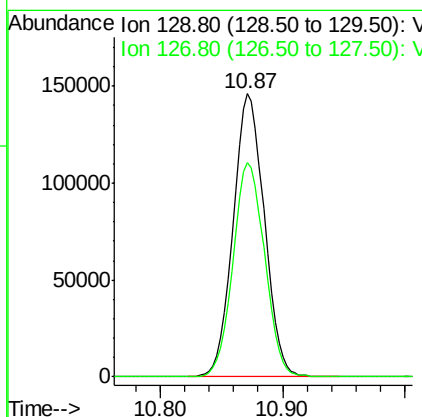
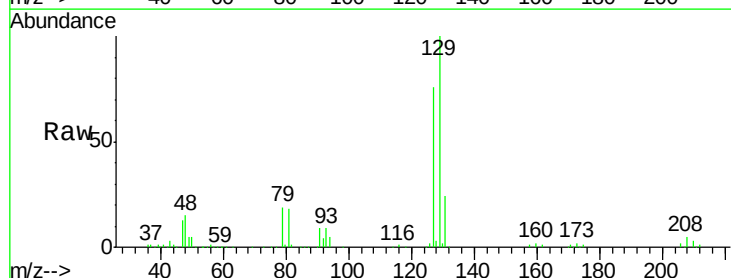
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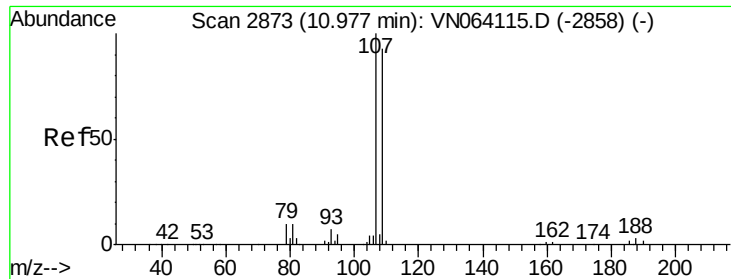
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#60
Dibromochloromethane
Concen: 53.192 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion: 129 Resp: 258927
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6





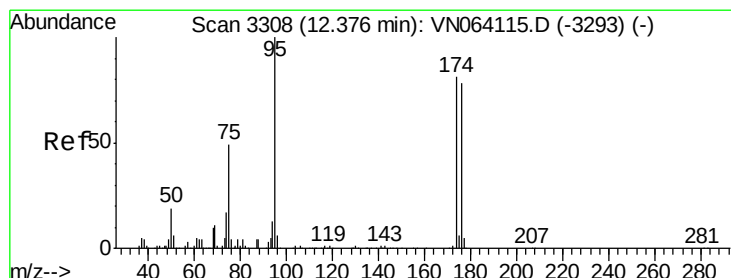
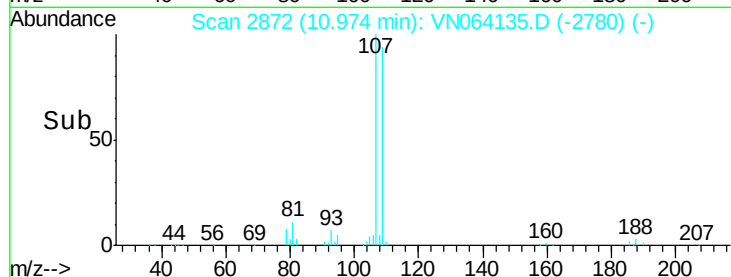
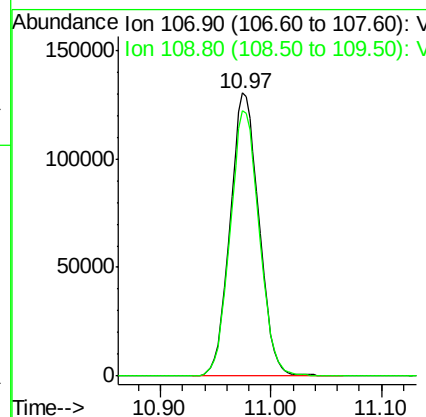
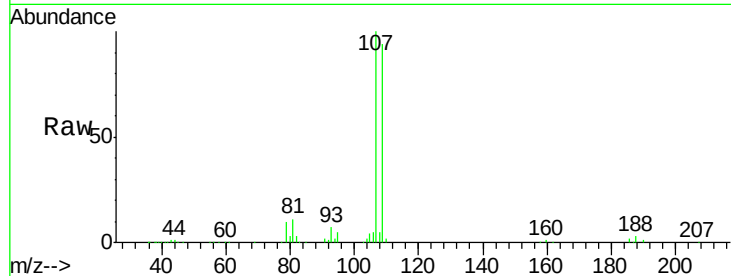
#61
 1,2-Dibromoethane
 Concen: 53.589 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.2	112.8

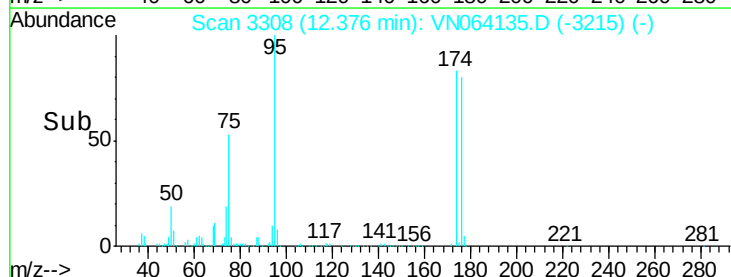
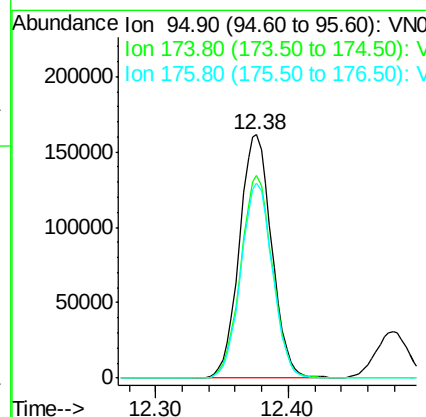
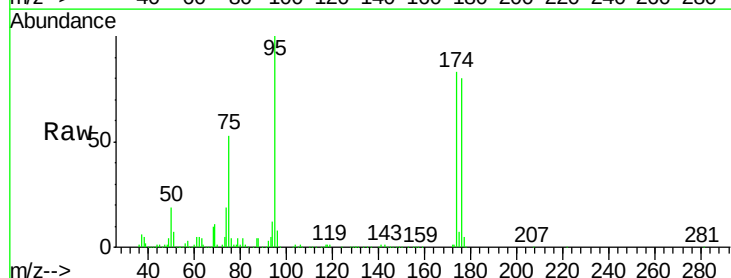
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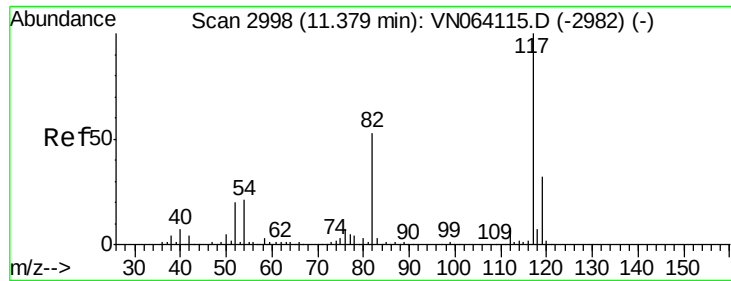
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.226 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	164.8
176	78.5	0.0	157.8





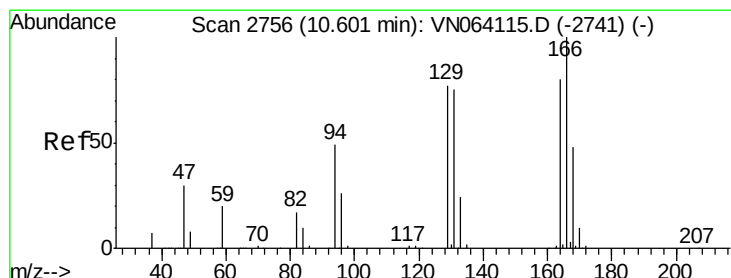
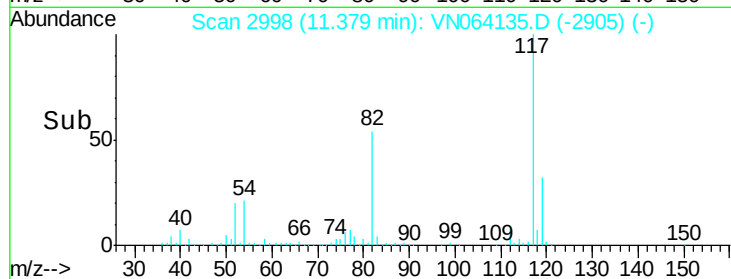
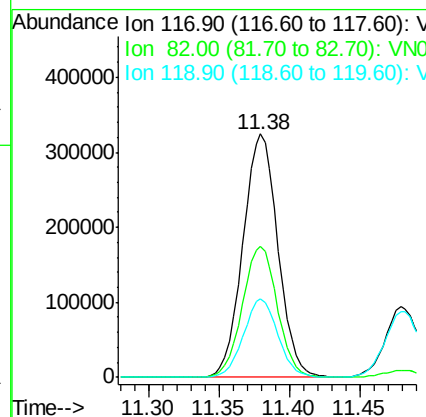
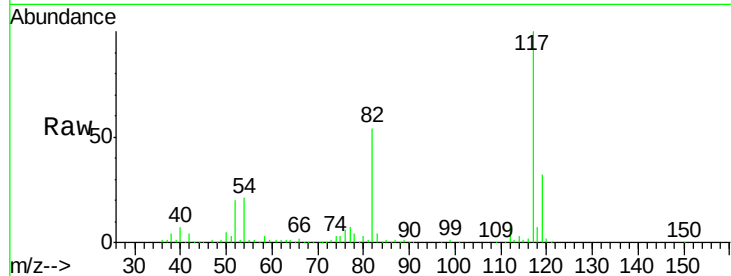
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.6	63.8
119	32.4	25.5	38.3

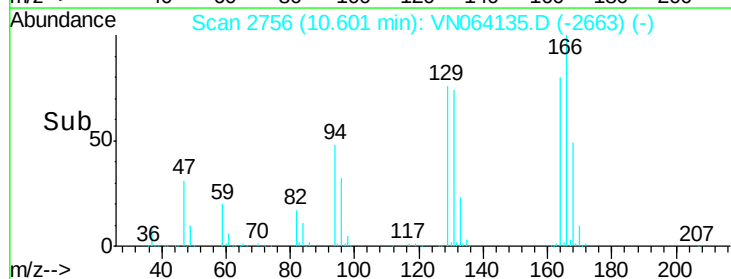
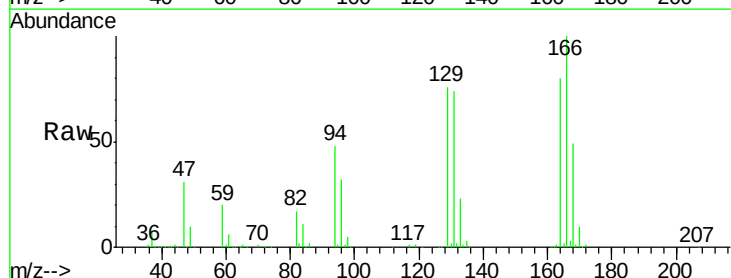
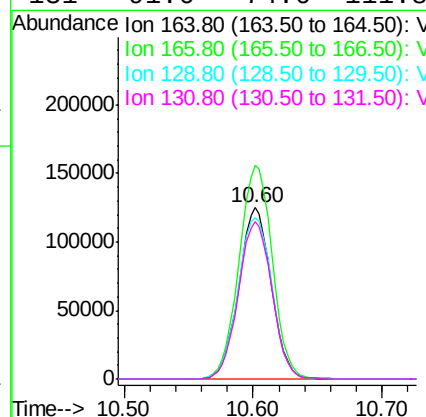
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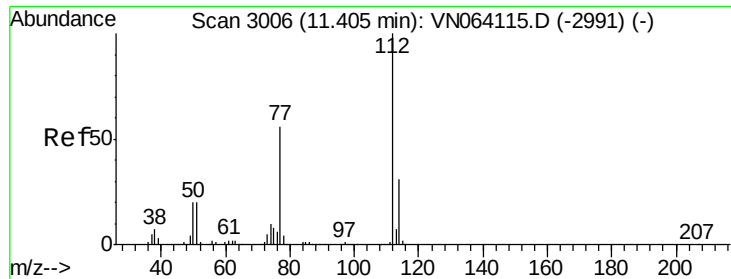
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#64
Tetrachloroethene
Concen: 51.391 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	99.7	149.5
129	94.5	77.0	115.4
131	91.6	74.6	111.8





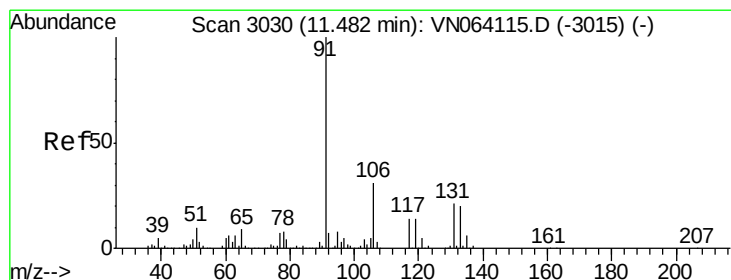
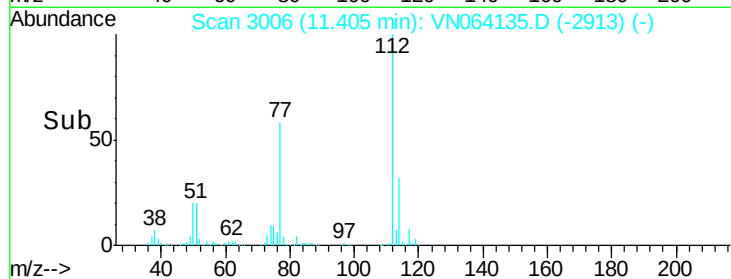
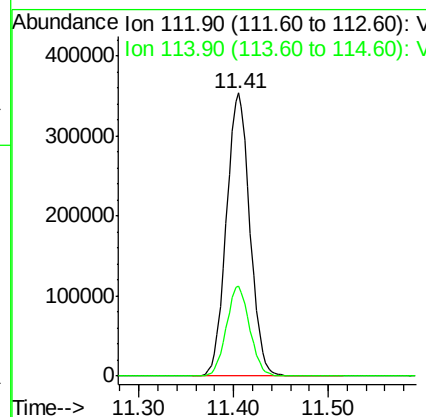
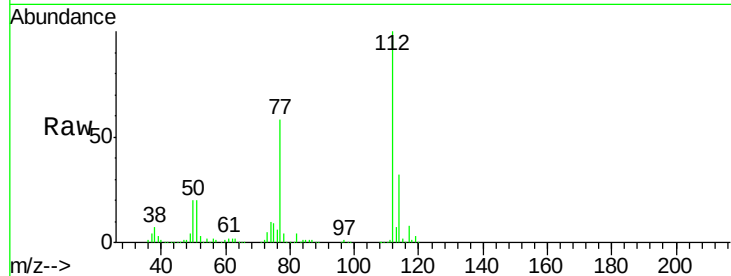
#65
Chlorobenzene
Concen: 51.231 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 608980
Ion Ratio Lower Upper
112 100
114 31.8 24.6 37.0

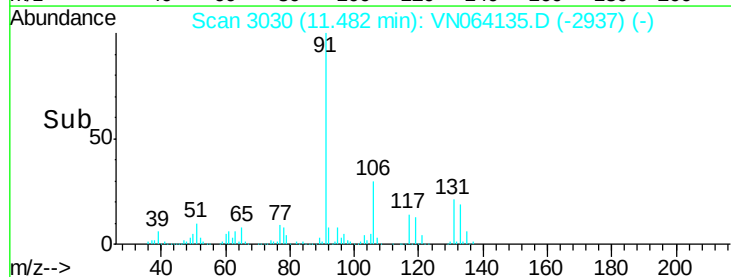
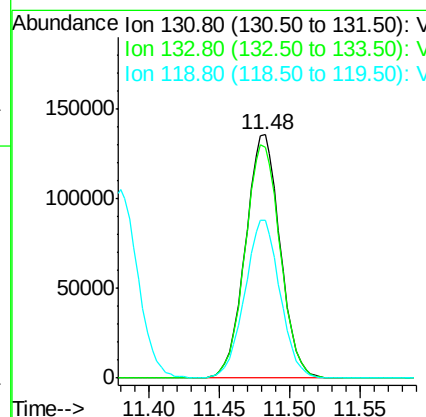
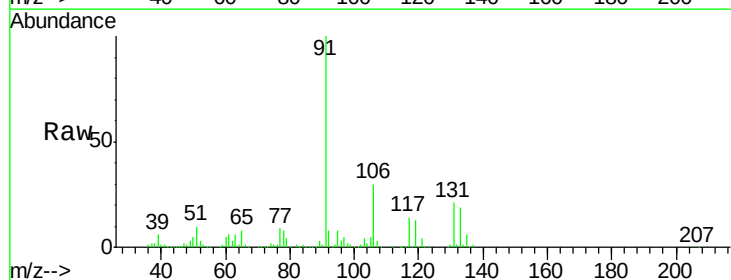
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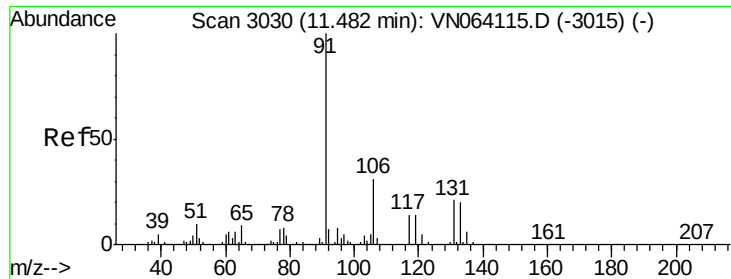
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.809 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion:131 Resp: 233817
Ion Ratio Lower Upper
131 100
133 97.2 47.3 141.9
119 66.0 32.8 98.4





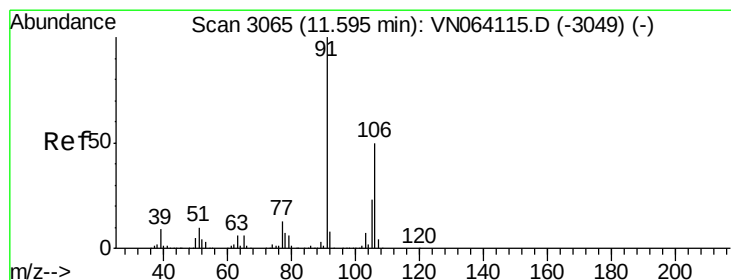
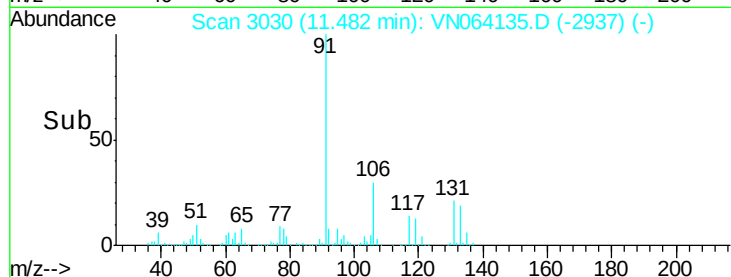
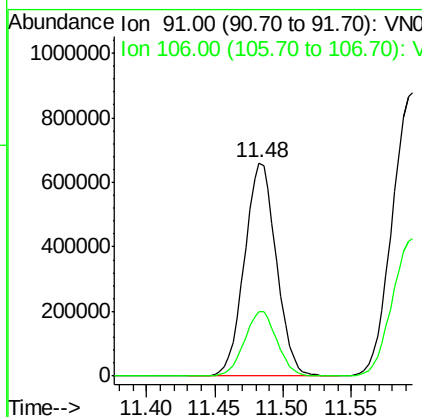
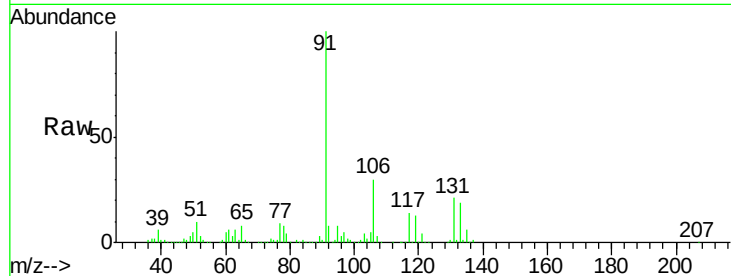
#67
Ethyl Benzene
Concen: 53.742 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1070153
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1

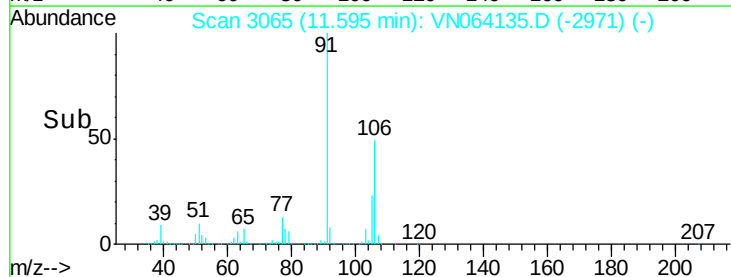
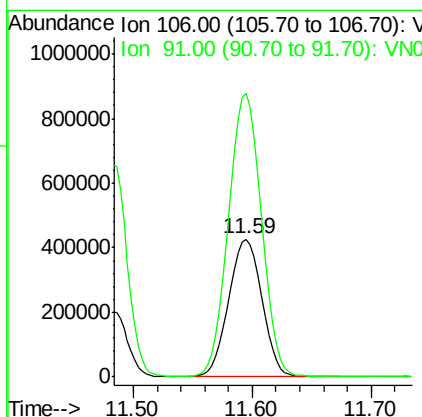
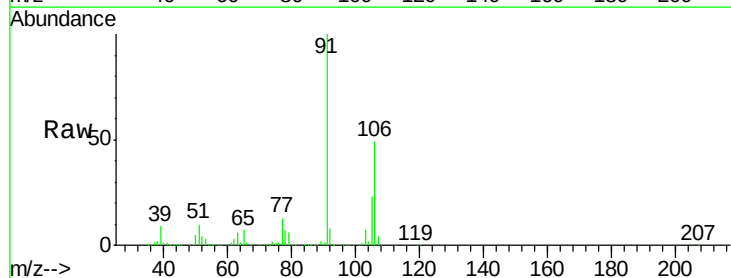
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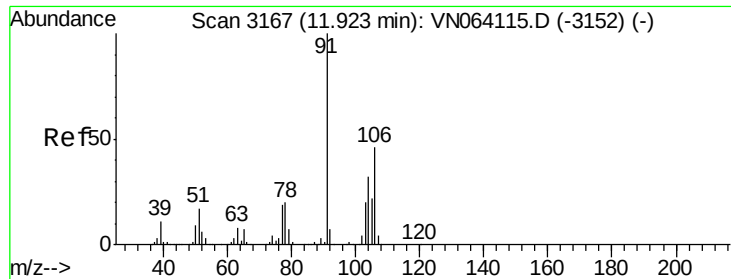
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#68
m/p-Xylenes
Concen: 100.785 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion: 106 Resp: 827480
Ion Ratio Lower Upper
106 100
91 203.9 162.1 243.1





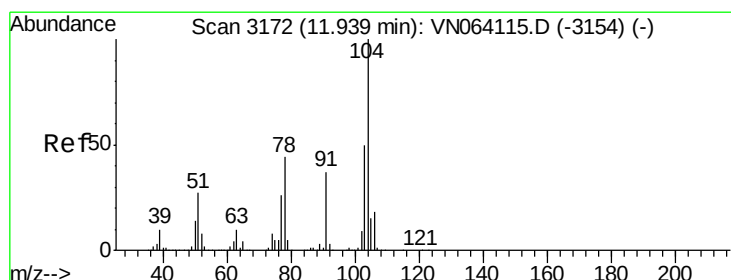
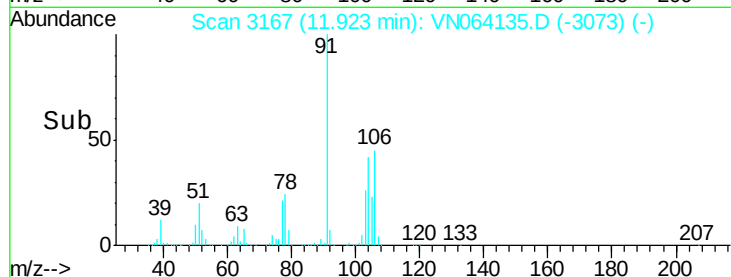
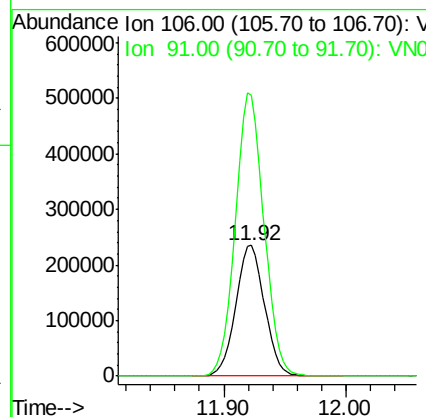
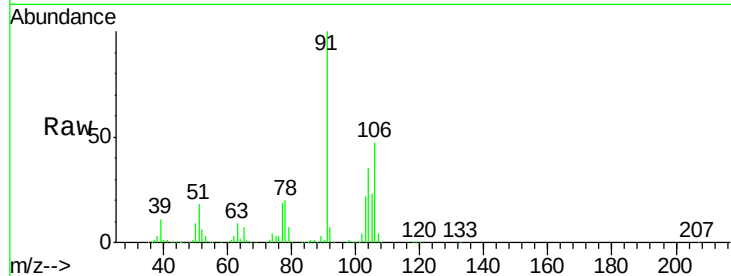
#69
o-Xylene
Concen: 49.055 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		385085		
91	215.8	107.6	322.8		

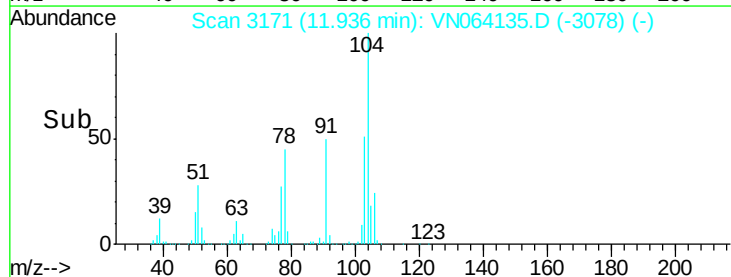
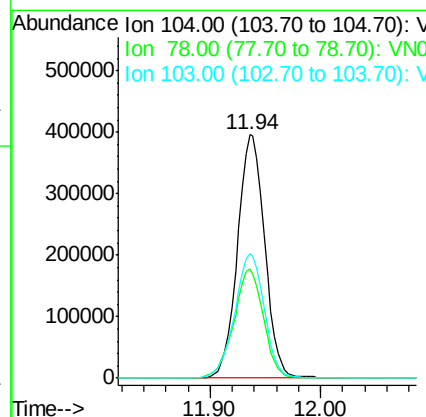
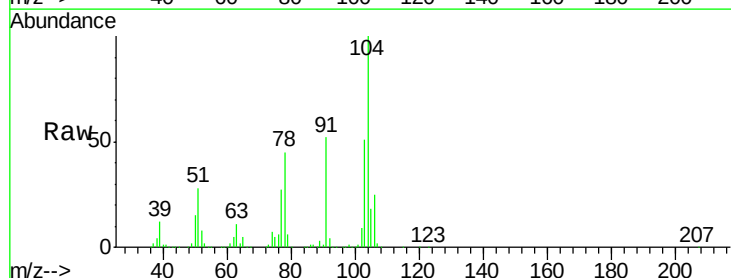
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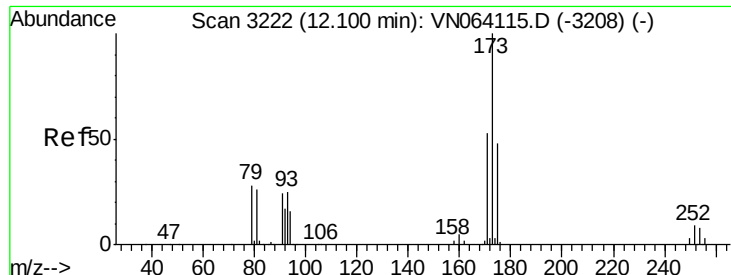
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#70
Styrene
Concen: 50.136 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		679156		
78	48.6	39.7	59.5		
103	55.2	44.2	66.2		





#71

Bromoform

Concen: 49.319 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

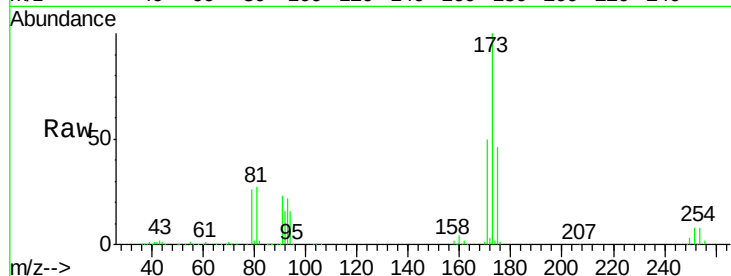
ClientSampleId :

VSTDCCC050

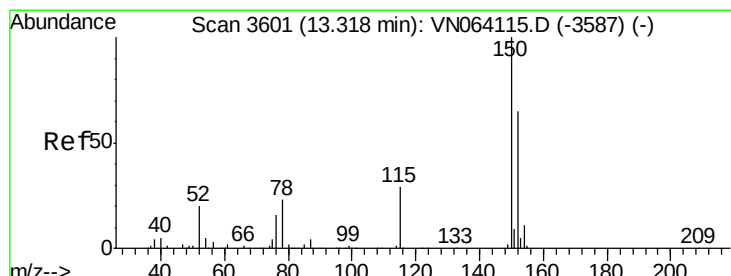
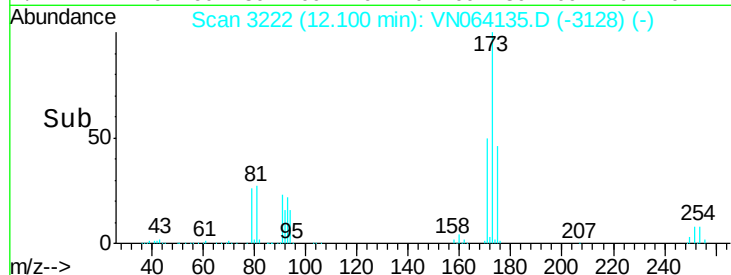
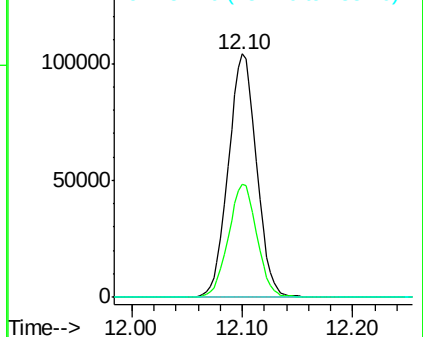
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	23.4	70.2
254	0.1	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

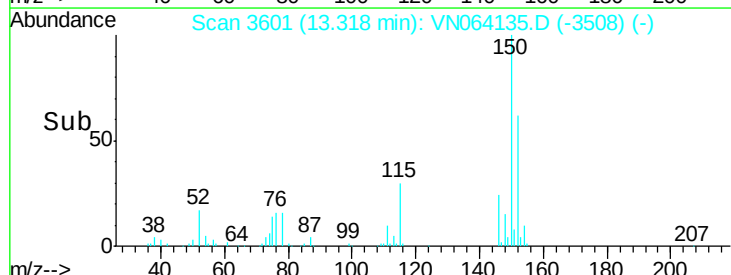
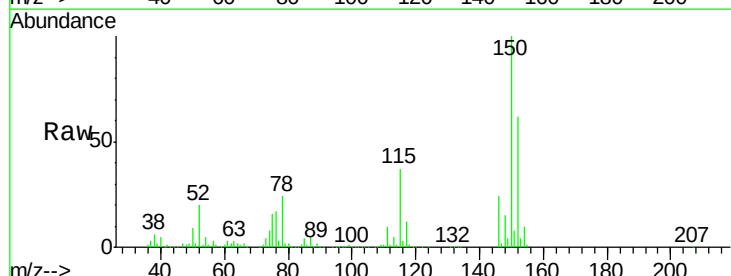
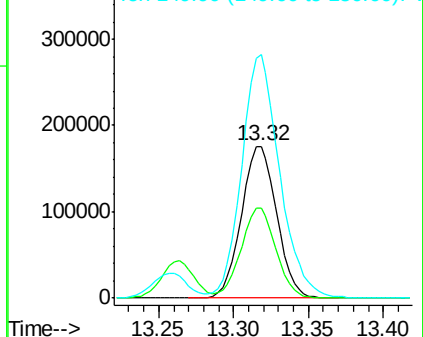
Delta R.T. 0.00 min

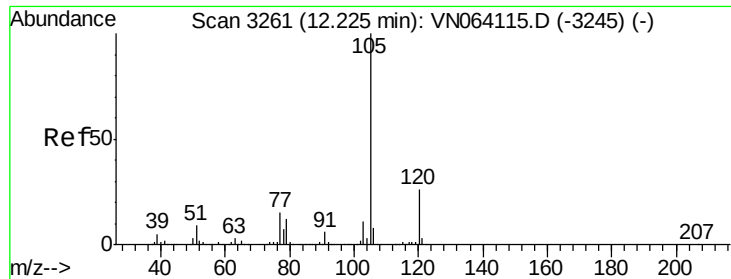
Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	87.8
150	171.8	0.0	346.0

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





#73

Isopropylbenzene

Concen: 48.793 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1018750

Ion Ratio Lower Upper

105 100

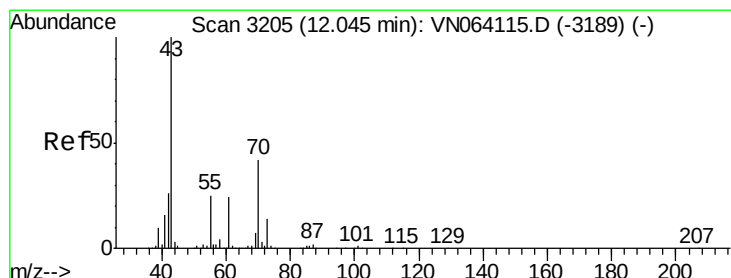
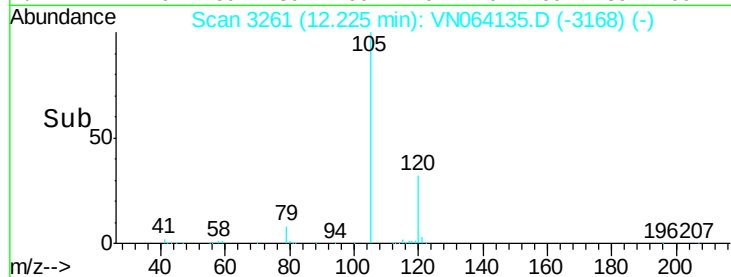
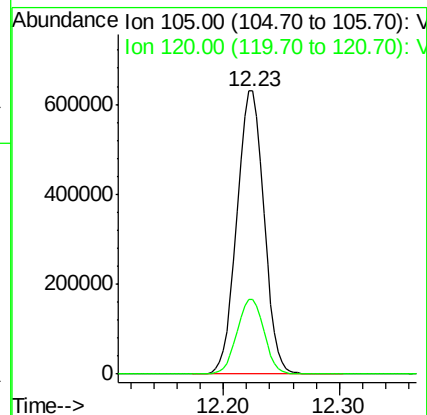
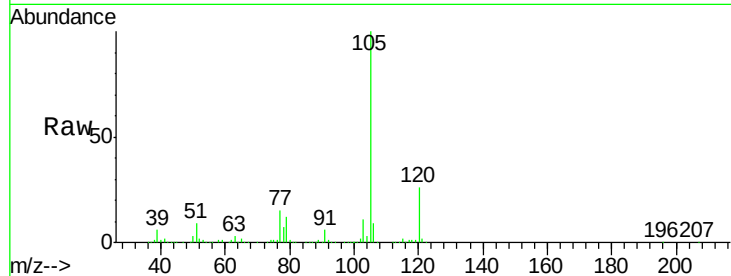
120 26.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 49.191 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion: 43 Resp: 384625

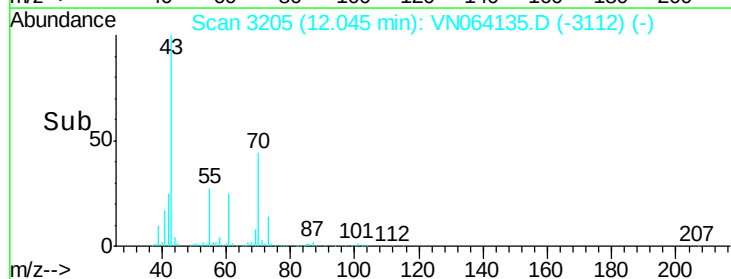
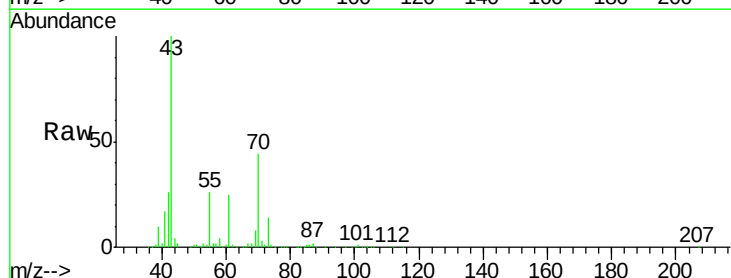
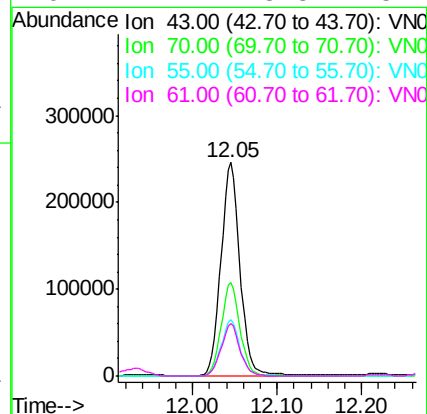
Ion Ratio Lower Upper

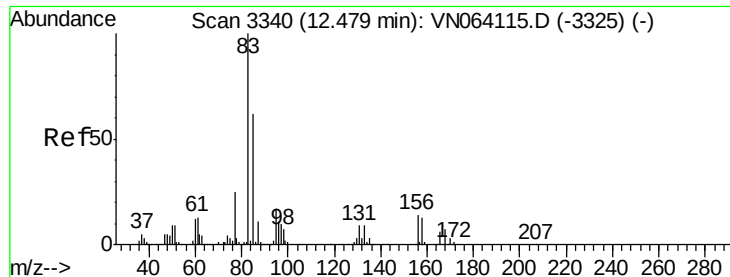
43 100

70 43.3 33.2 49.8

55 26.3 19.9 29.9

61 24.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.901 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

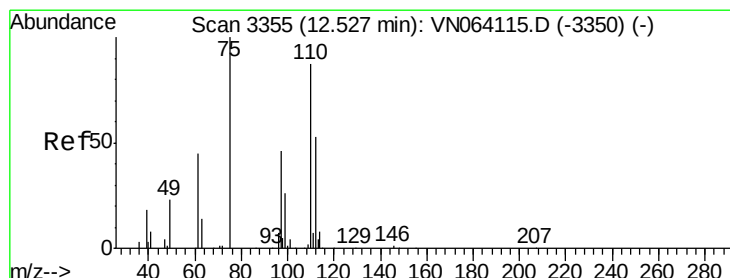
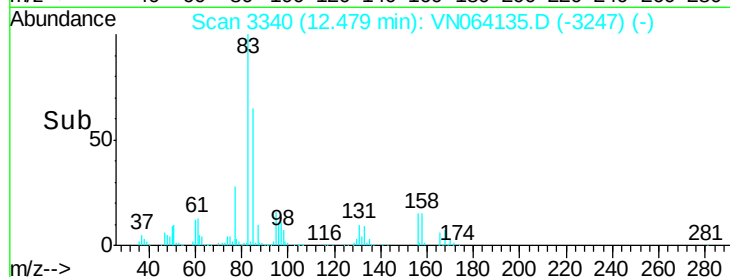
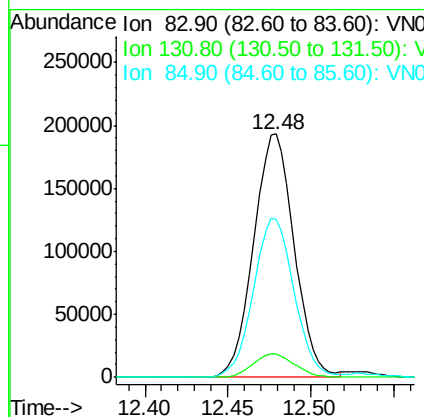
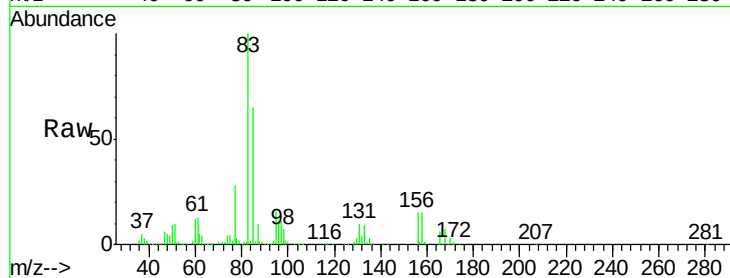
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	329965
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	65.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 42.728 ug/l m

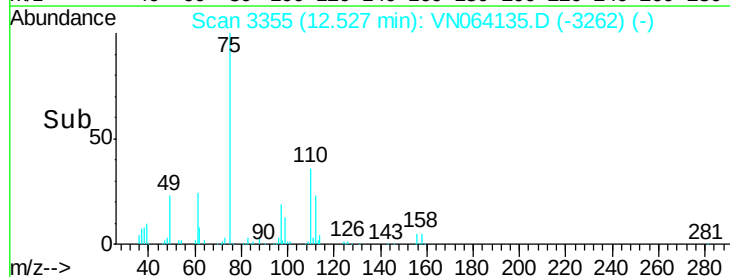
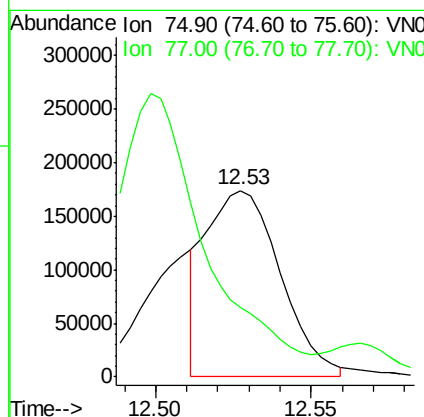
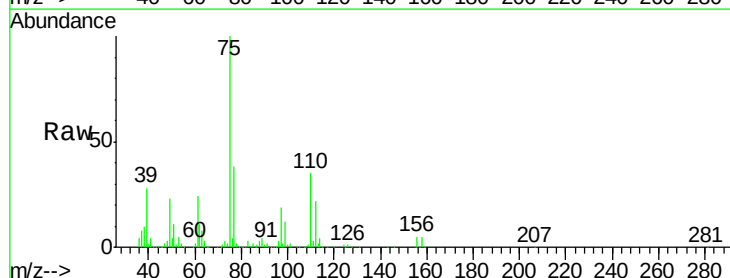
RT: 12.53 min Scan# 3355

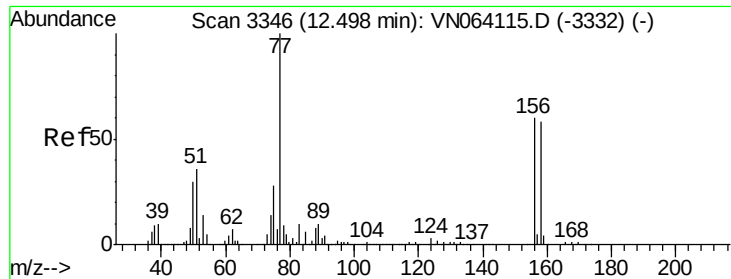
Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	75	Resp:	288944
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





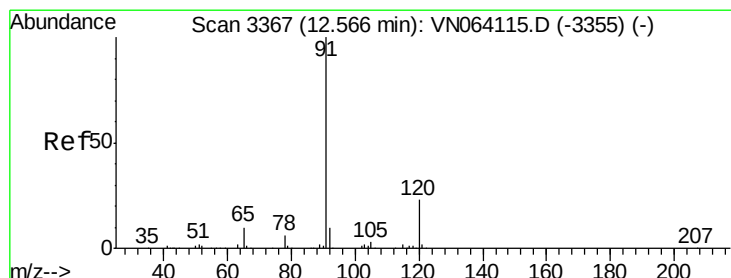
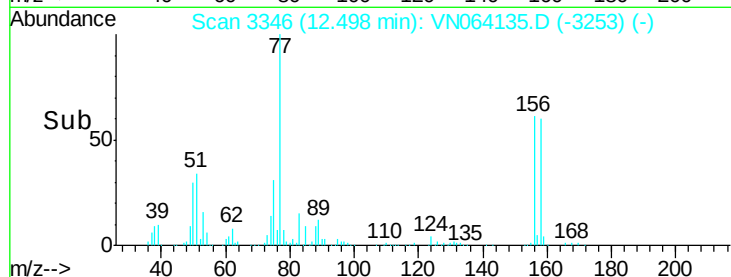
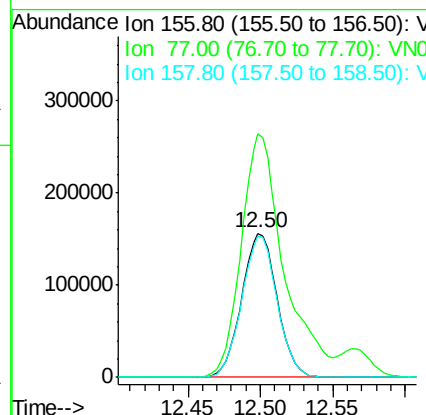
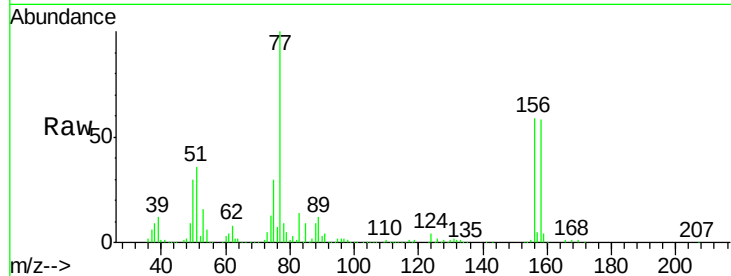
#77
Bromobenzene
Concen: 46.924 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	203.4	99.3	297.9
158	97.8	48.6	145.9

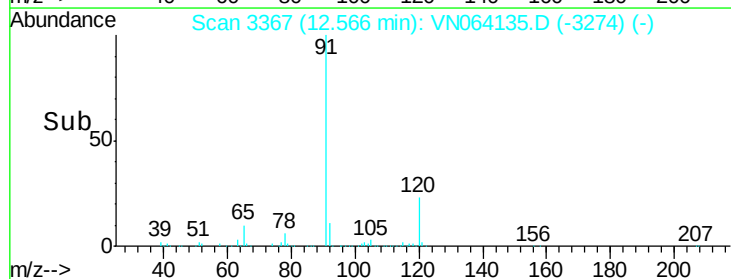
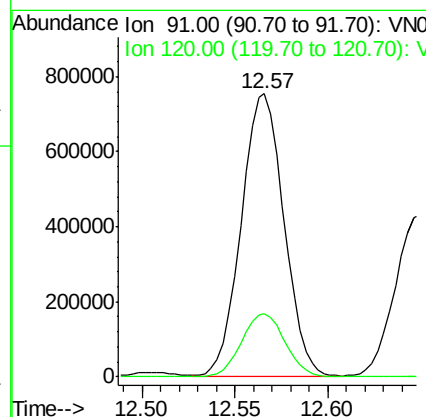
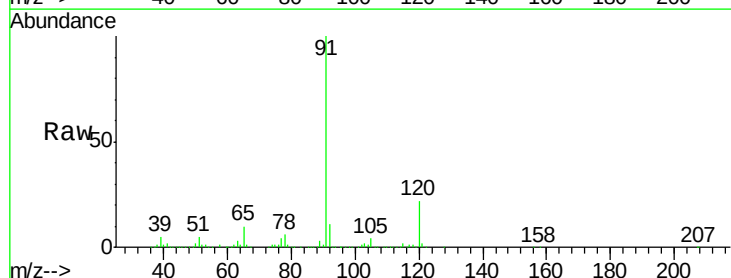
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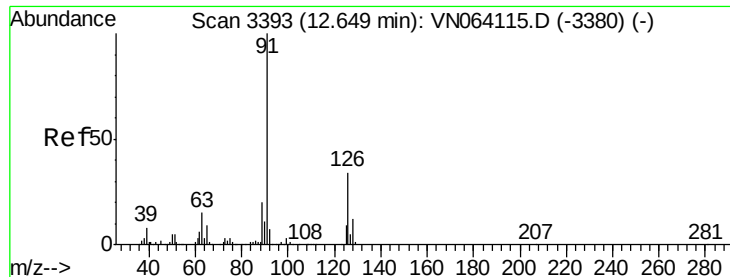
apatel
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#78
n-propylbenzene
Concen: 51.252 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





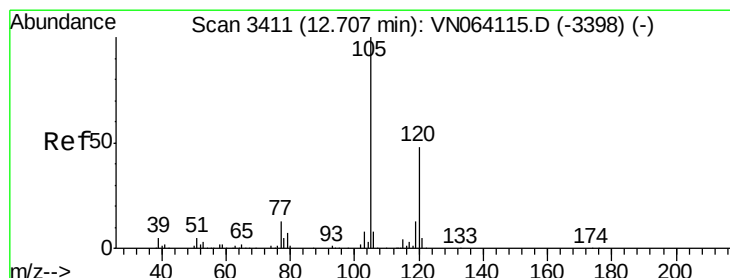
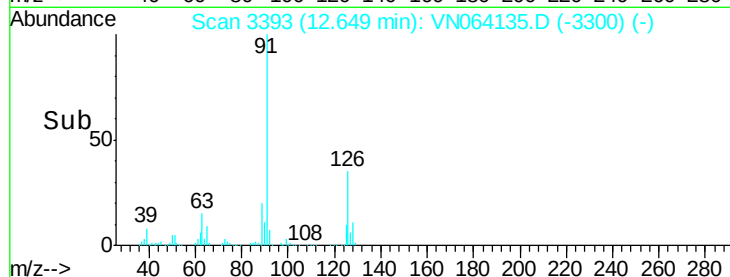
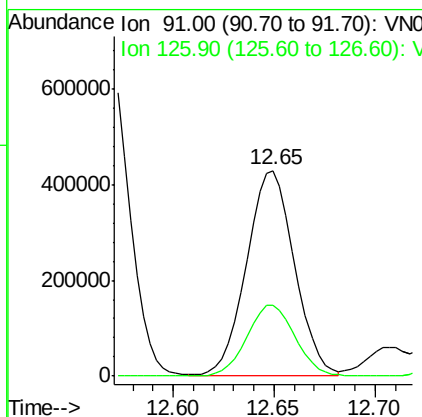
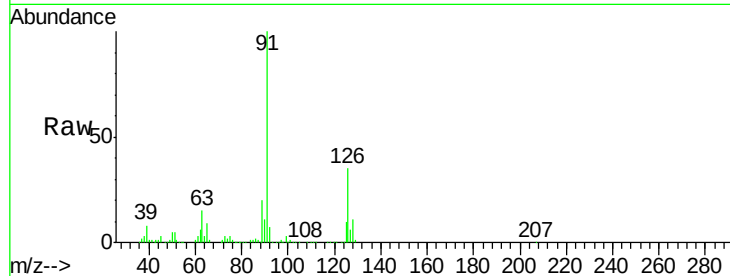
#79
2-Chlorotoluene
Concen: 47.619 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 705771
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

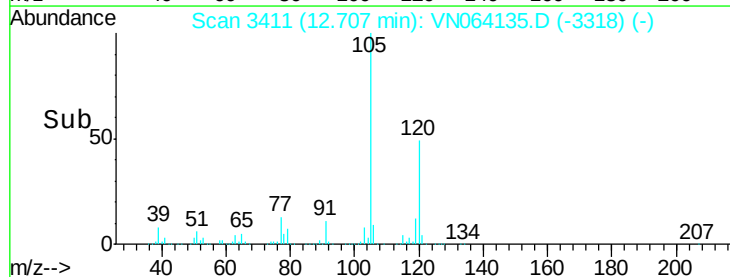
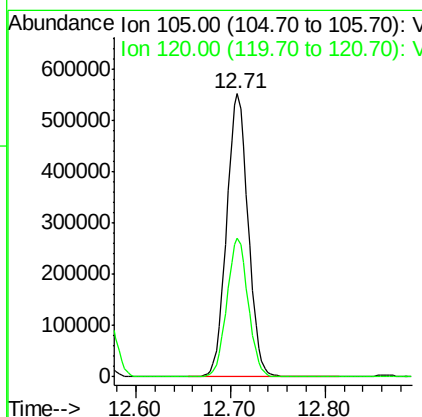
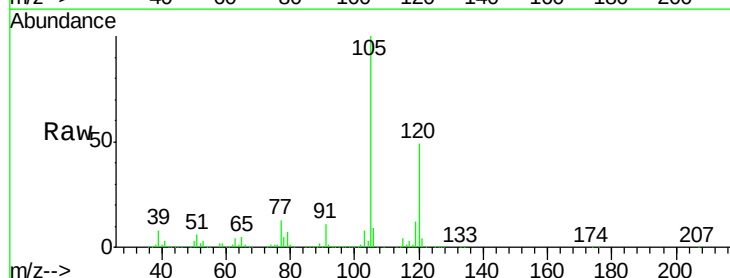
Manual Integrations
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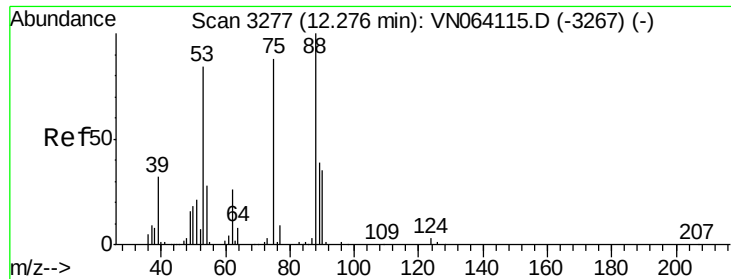
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 51.745 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion: 105 Resp: 867186
Ion Ratio Lower Upper
105 100
120 48.9 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.473 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

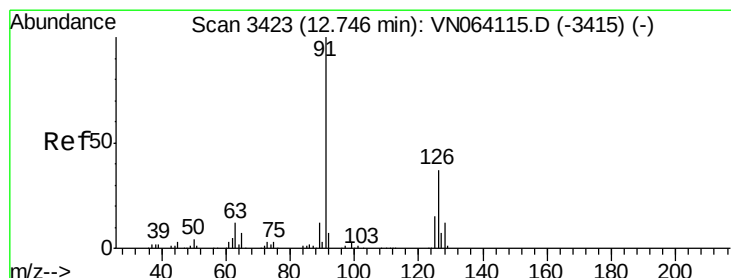
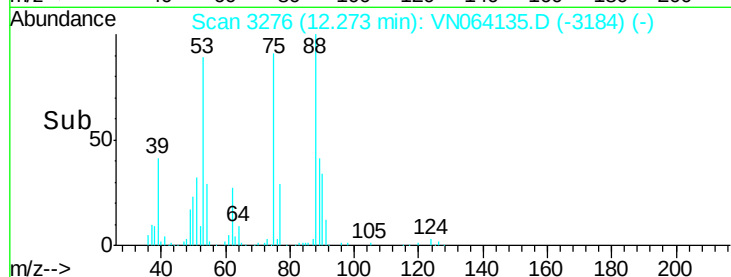
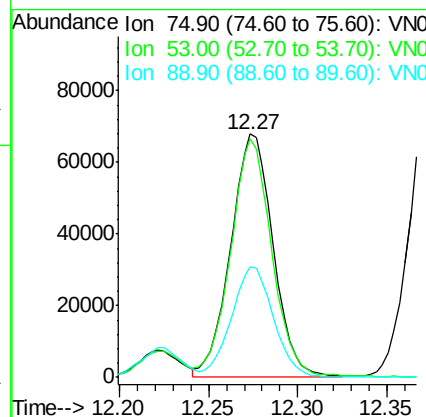
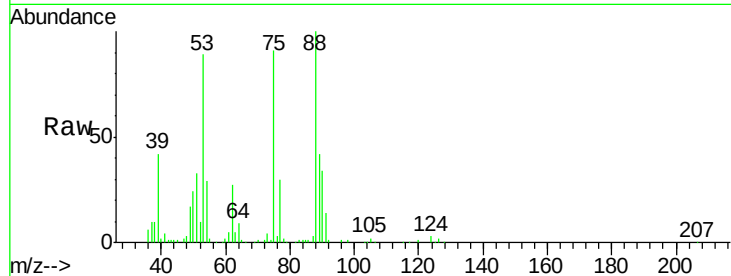
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	111719
Ion	Ratio	Lower	Upper
75	100		
53	95.8	75.7	113.5
89	45.6	36.6	55.0

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#82

4-Chlorotoluene

Concen: 50.283 ug/l

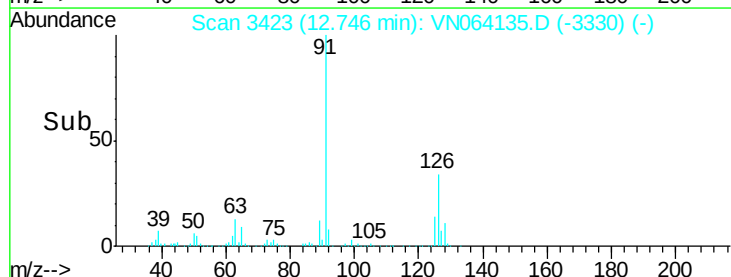
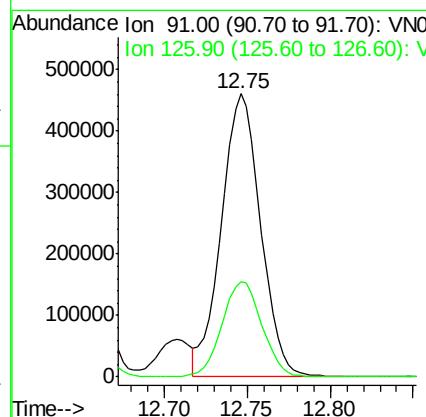
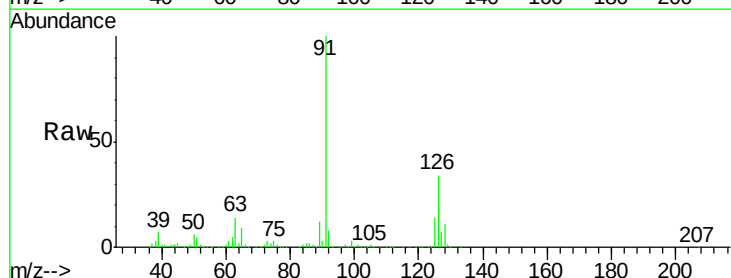
RT: 12.75 min Scan# 3423

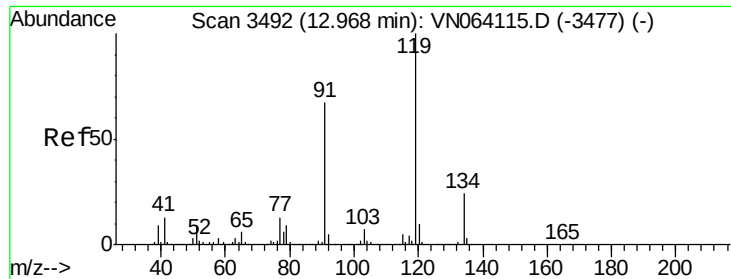
Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	91	Resp:	751114
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.1	51.2





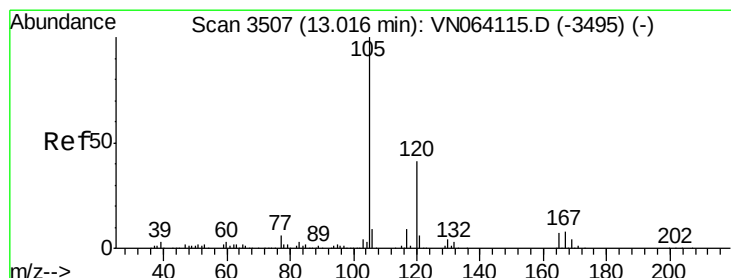
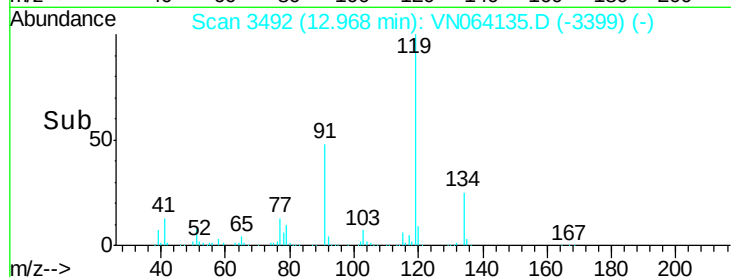
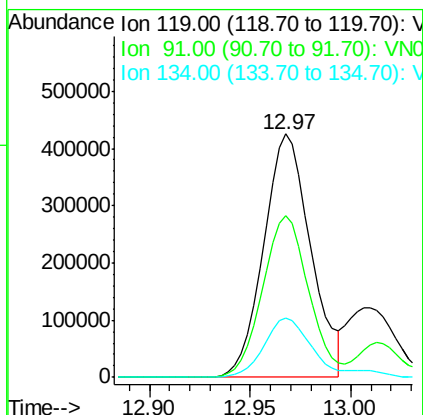
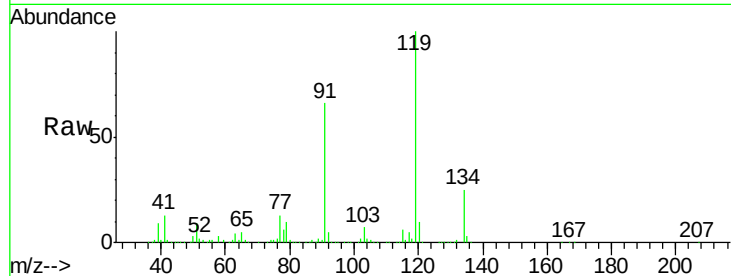
#83
 tert-Butylbenzene
 Concen: 49.809 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.6	98.0
134	24.1	13.0	39.0

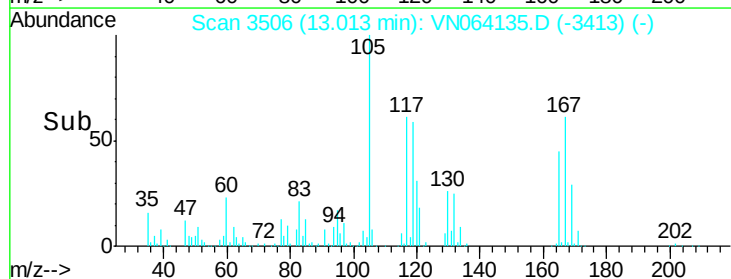
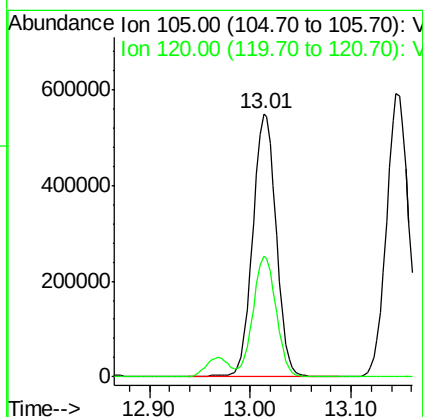
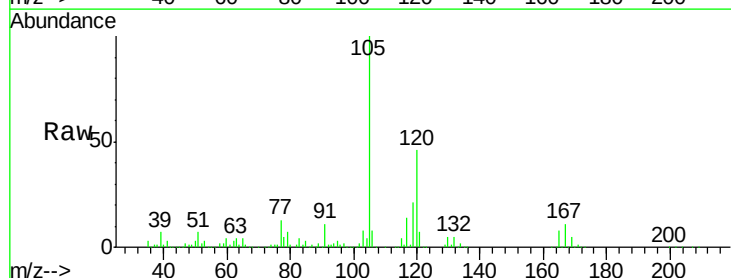
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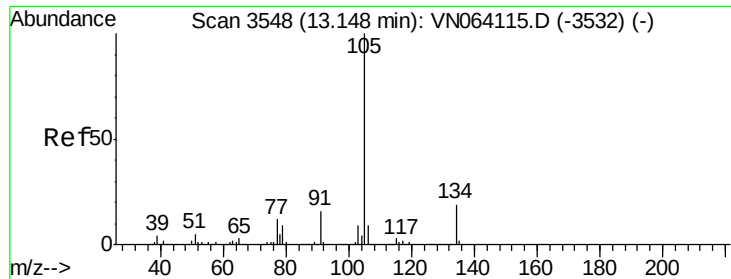
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.166 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.8	68.4





#85

sec-Butylbenzene

Concen: 51.663 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 920498

Ion Ratio Lower Upper

105 100

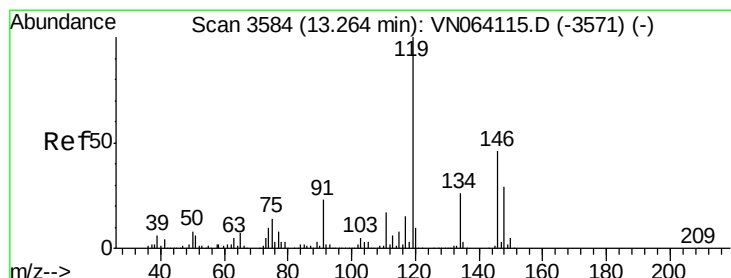
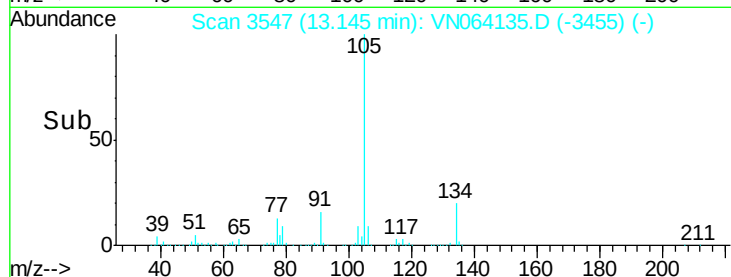
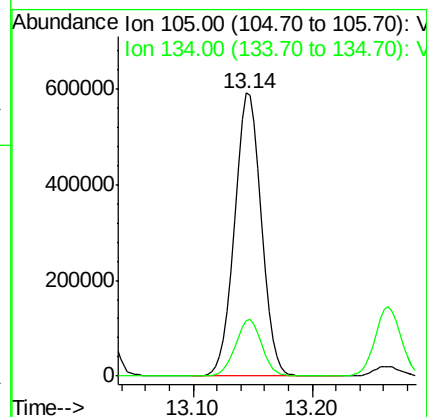
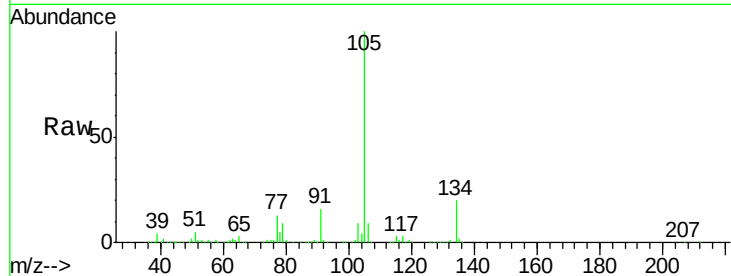
134 19.9 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.911 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

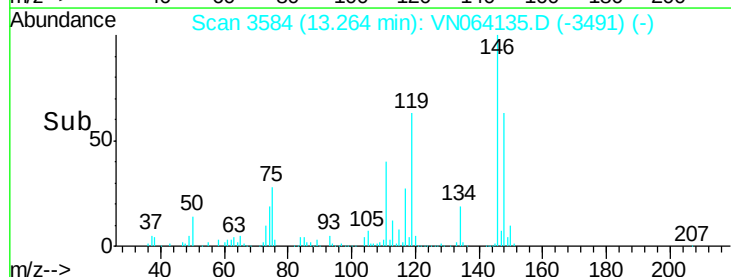
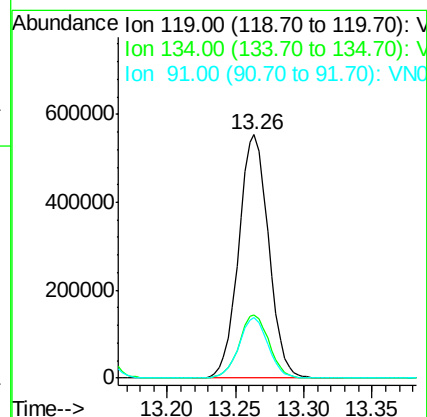
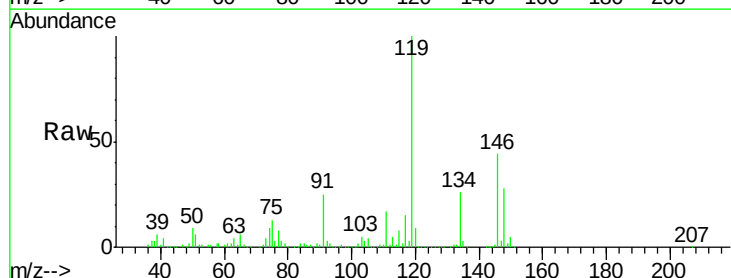
Tgt Ion:119 Resp: 841102

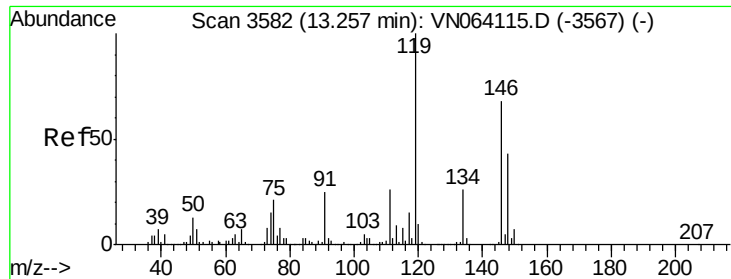
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 24.1 12.0 36.1





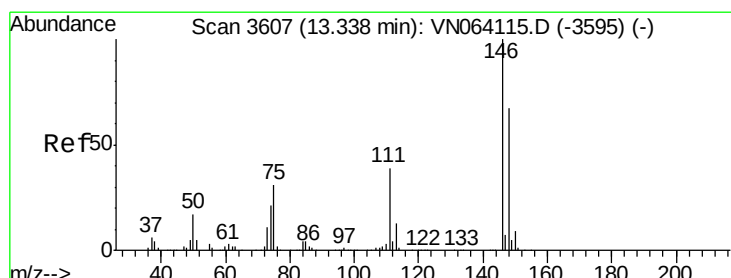
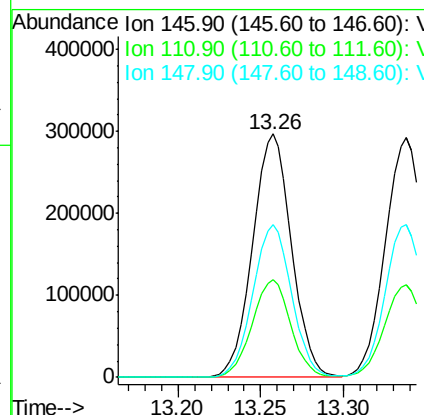
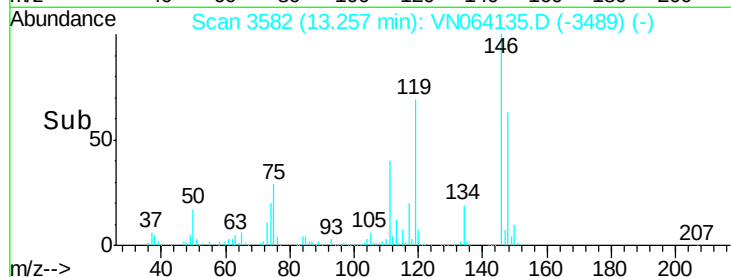
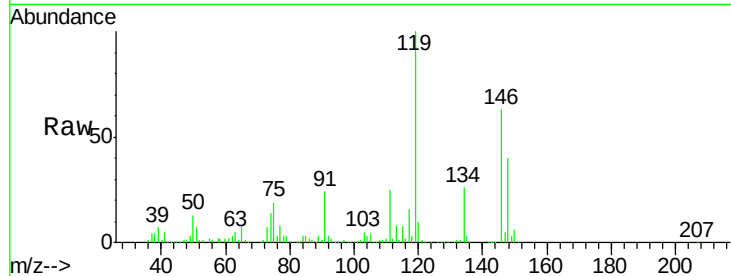
#87
 1,3-Dichlorobenzene
 Concen: 51.236 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	483887		
111	39.9	19.7	59.1	
148	62.8	32.0	96.2	

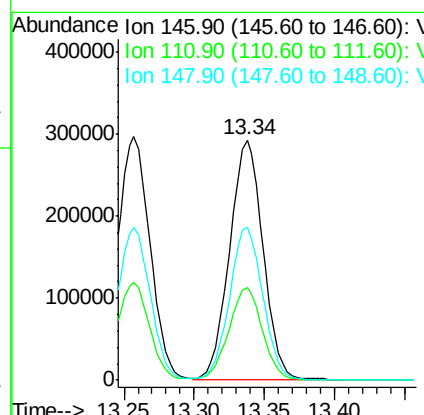
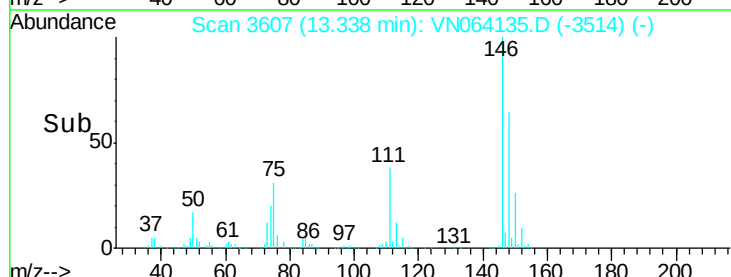
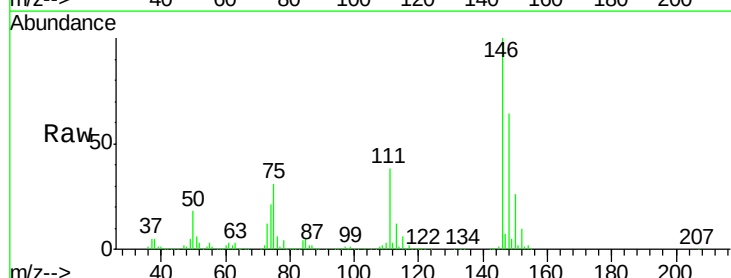
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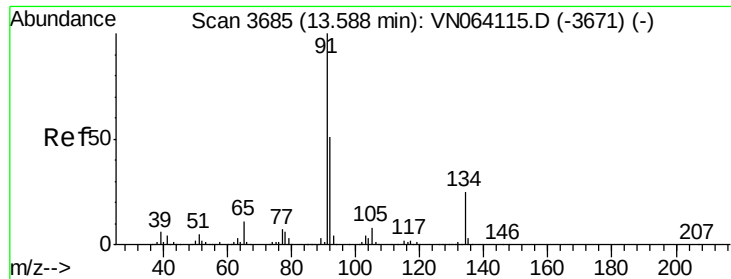
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#88
 1,4-Dichlorobenzene
 Concen: 50.024 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	483218		
111	38.6	19.3	57.9	
148	63.6	32.1	96.5	





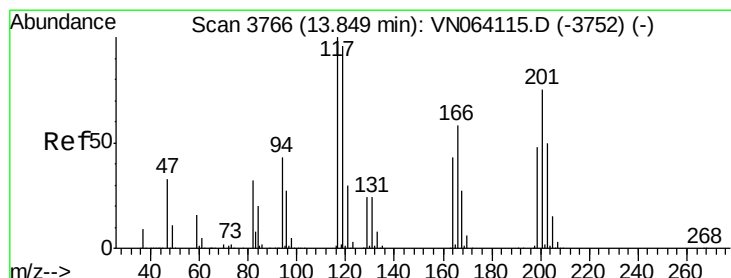
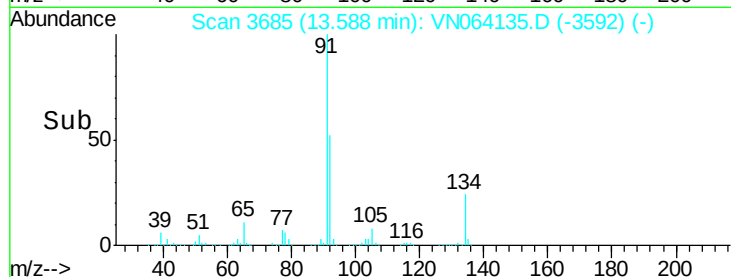
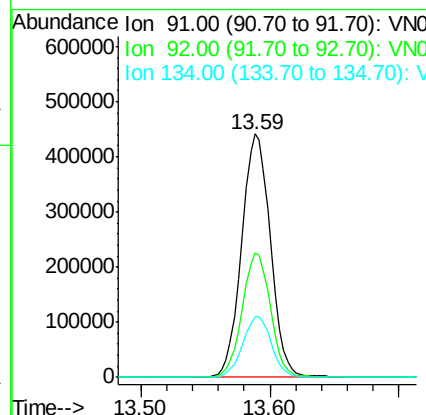
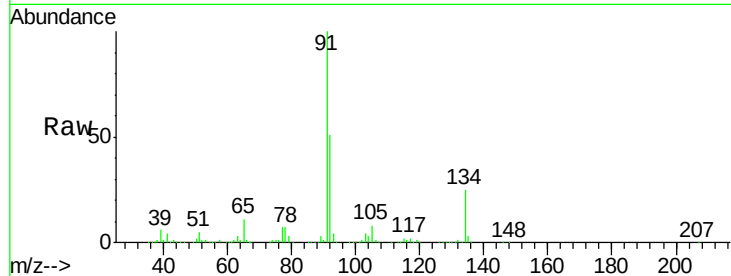
#89
n-Butylbenzene
Concen: 52.852 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.6	76.6
134	25.0	12.6	37.8

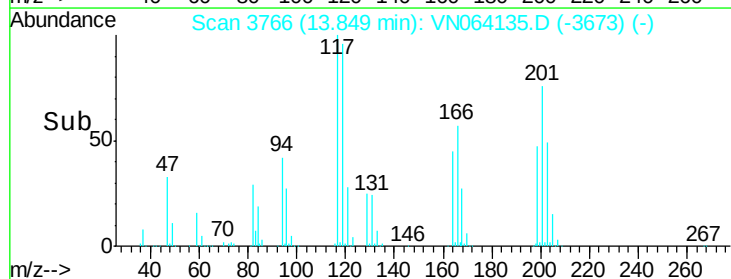
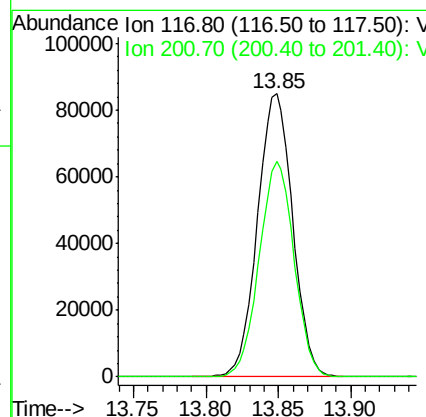
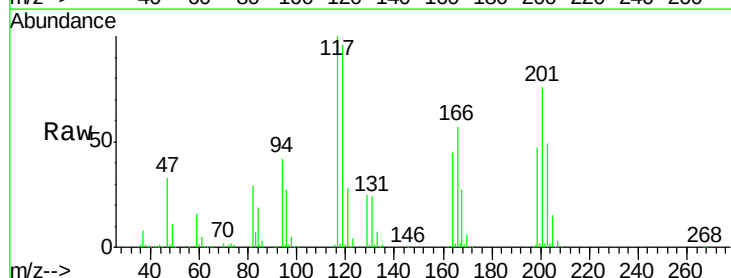
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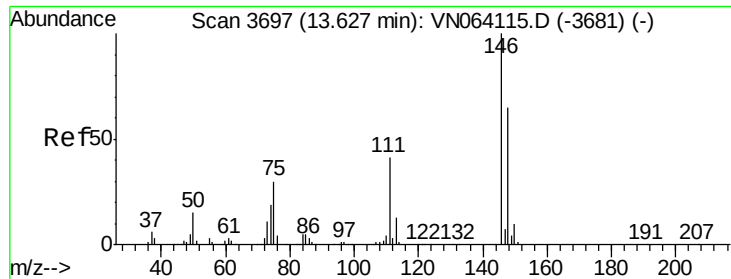
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#90
Hexachloroethane
Concen: 48.498 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064135.D
Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	37.4	112.2





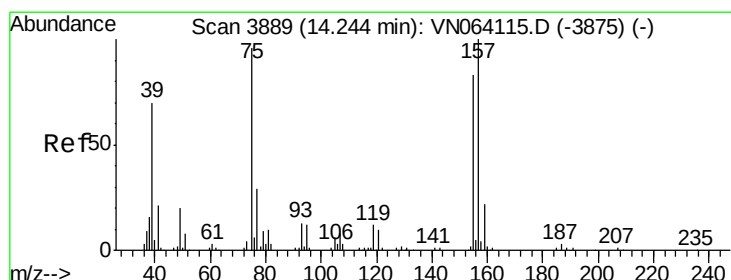
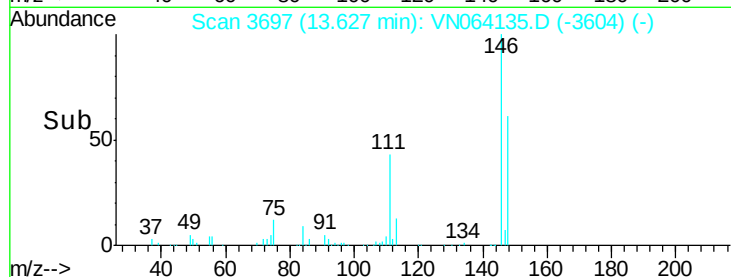
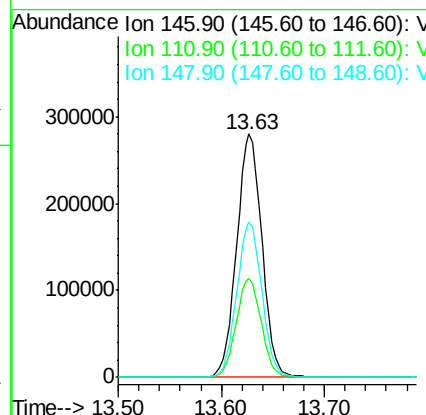
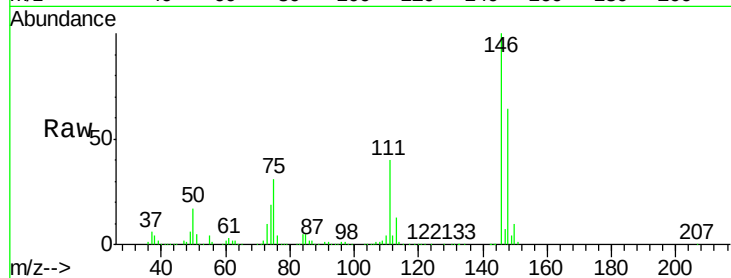
#91
 1,2-Dichlorobenzene
 Concen: 51.032 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	479701		
111	40.1	20.3	60.8	
148	63.7	32.2	96.6	

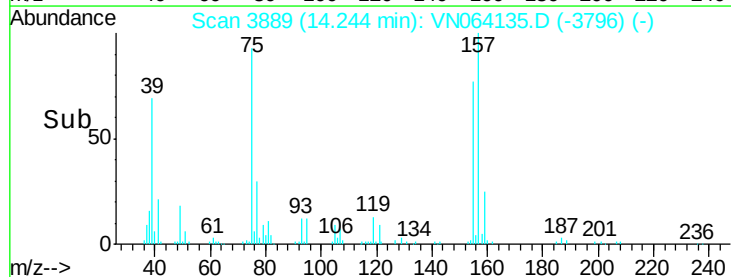
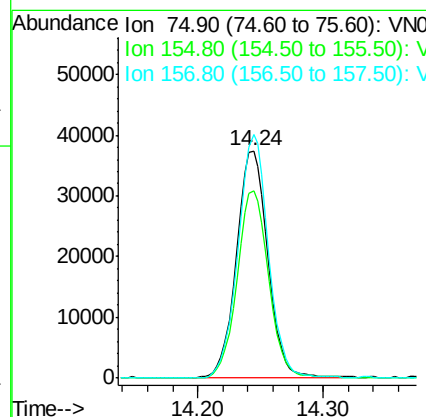
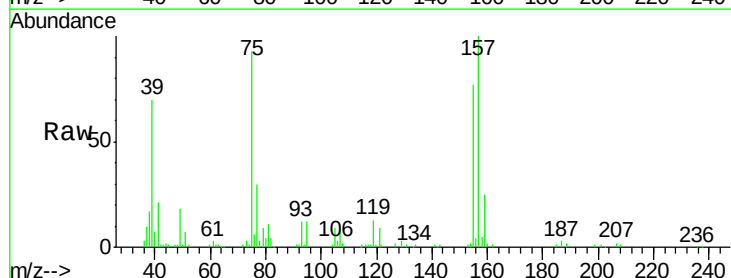
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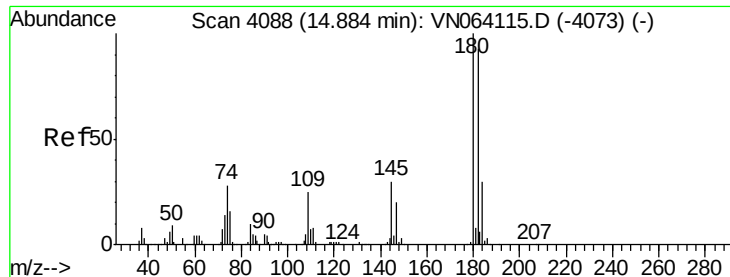
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.217 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65328		
155	82.2	40.8	122.2	
157	102.7	53.9	161.7	





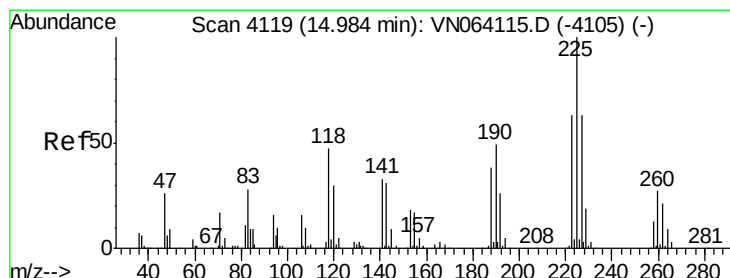
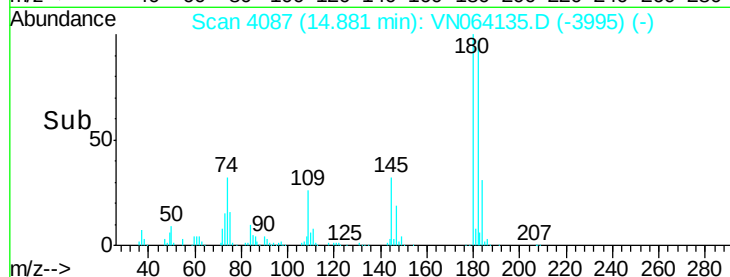
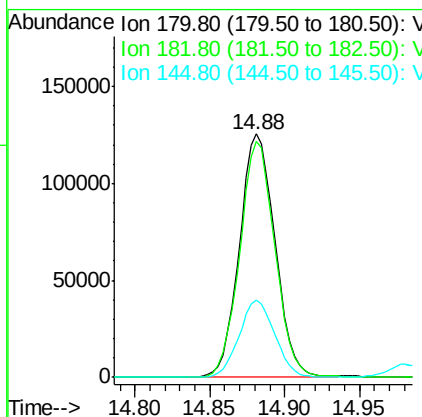
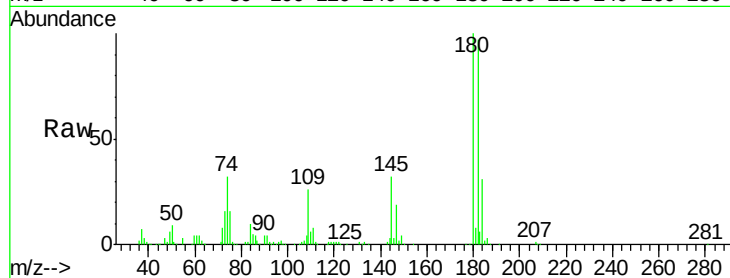
#93
 1,2,4-Trichlorobenzene
 Concen: 45.458 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	45.8	137.4
145	31.7	15.4	46.1

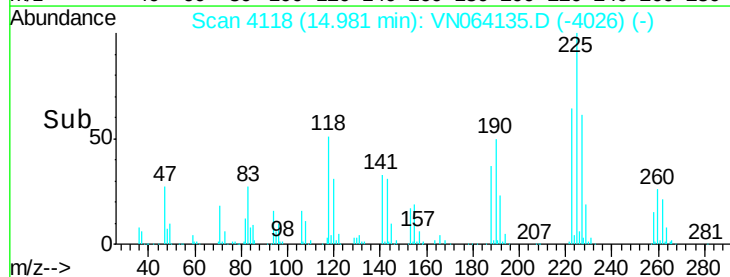
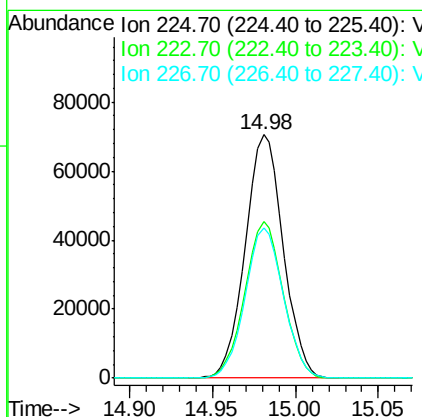
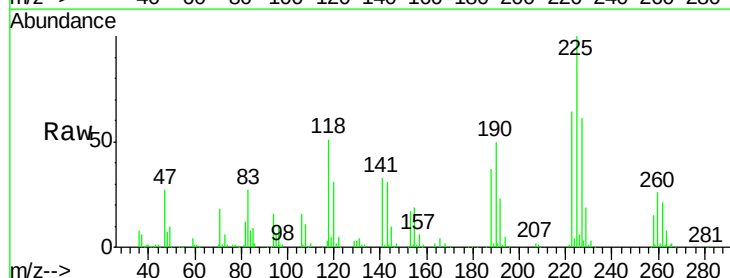
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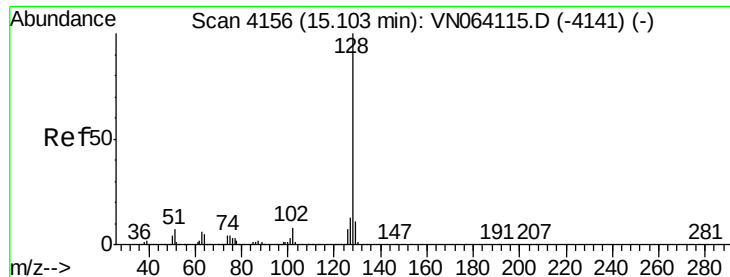
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#94
 Hexachlorobutadiene
 Concen: 50.046 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064135.D
 Acq: 15 Oct 2020 11:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.3	96.9
227	62.3	31.6	94.8





#95

Naphthalene

Concen: 43.062 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Instrument :

MSVOA_N

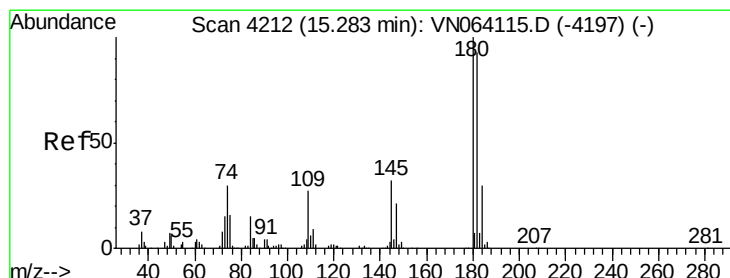
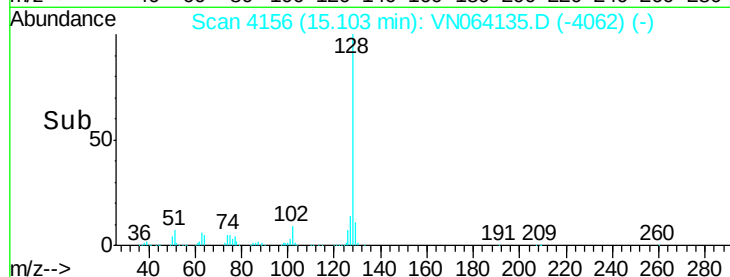
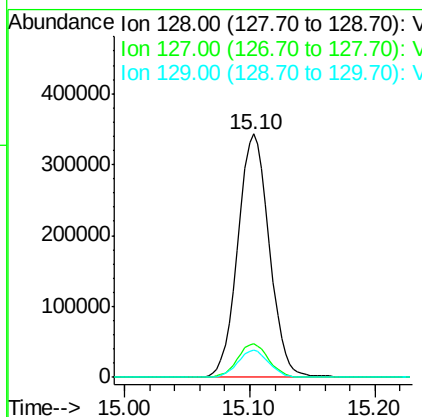
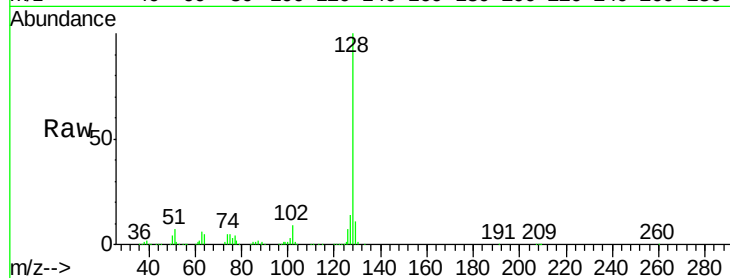
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	599487
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.2	15.4
129	11.0	8.5	12.7

Manual Integrations
APPROVED

apatel
10/19/2020 11:25:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 46.200 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064135.D

Acq: 15 Oct 2020 11:08

Tgt Ion:	180	Resp:	211503
Ion Ratio	Lower	Upper	
180	100		
182	94.5	46.6	139.8
145	32.8	16.1	48.2

