

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064161.D
 Acq On : 15 Oct 2020 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 10/19/2020 11:26:27 AM

Quant Time: Oct 16 04:29:23 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	7.63	168	357256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	595777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	577667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	287586	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	250216	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.36%		
35) Dibromofluoromethane	7.55	113	202293	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.12%		
50) Toluene-d8	10.06	98	773187	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.38%		
62) 4-Bromofluorobenzene	12.38	95	269417	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.76%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	165128	49.058	ug/l	99
3) Chloromethane	2.04	50	201623	48.092	ug/l	99
4) Vinyl Chloride	2.16	62	251261	48.148	ug/l	99
5) Bromomethane	2.53	94	168599	43.052	ug/l	98
6) Chloroethane	2.67	64	198283	47.792	ug/l	99
7) Trichlorofluoromethane	2.98	101	350248	48.797	ug/l	99
8) Diethyl Ether	3.38	74	109856	48.921	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	174686	49.577	ug/l	99
10) Methyl Iodide	3.91	142	220049	44.298	ug/l	99
11) Tert butyl alcohol	4.73	59	133332	236.670	ug/l	100
12) 1,1-Dichloroethene	3.70	96	173979	48.895	ug/l	100
13) Acrolein	3.57	56	198236	428.400	ug/l	97
14) Allyl chloride	4.28	41	267942	48.262	ug/l	98
15) Acrylonitrile	4.93	53	405433	250.643	ug/l	99
16) Acetone	3.78	43	371108	245.896	ug/l	99
17) Carbon Disulfide	4.01	76	497778	48.945	ug/l	99
18) Methyl Acetate	4.28	43	190774	50.392	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	540172	51.468	ug/l	99
20) Methylene Chloride	4.50	84	218905	46.876	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	201311	49.902	ug/l	96
22) Diisopropyl ether	5.90	45	574353	53.254	ug/l	97
23) Vinyl Acetate	5.85	43	2608762	270.789	ug/l	99
24) 1,1-Dichloroethane	5.80	63	373281	49.561	ug/l	99
25) 2-Butanone	6.78	43	571030	245.993	ug/l	98
26) 2,2-Dichloropropane	6.78	77	273822	43.698	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	235984	49.726	ug/l	98
28) Bromochloromethane	7.15	49	178278	49.696	ug/l #	97
29) Tetrahydrofuran	7.17	42	344340	253.813	ug/l	99
30) Chloroform	7.33	83	406074	50.609	ug/l	99
31) Cyclohexane	7.61	56	269100	47.842	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	351569	50.707	ug/l	99
36) 1,1-Dichloropropene	7.75	75	291329	50.732	ug/l	99
37) Ethyl Acetate	6.88	43	264756	51.951	ug/l	99
38) Carbon Tetrachloride	7.73	117	309340	50.096	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	248764	51.528	ug/l	98
40) Benzene	8.00	78	889428	51.146	ug/l	99
41) Methacrylonitrile	7.12	41	93522	42.387	ug/l #	79
42) 1,2-Dichloroethane	8.09	62	320296	51.764	ug/l	100
43) Isopropyl Acetate	8.13	43	429365	50.771	ug/l #	91
44) Trichloroethene	8.80	130	227540	49.760	ug/l	98
45) 1,2-Dichloropropane	9.08	63	232710	51.076	ug/l	99
46) Dibromomethane	9.17	93	163501	50.581	ug/l	99
47) Bromodichloromethane	9.37	83	326290	51.593	ug/l	100
48) Methyl methacrylate	9.17	41	213050	54.539	ug/l	98
49) 1,4-Dioxane	9.17	88	57524	969.755	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1335038	266.781	ug/l	99
52) Toluene	10.13	92	560556	52.461	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	342578	52.794	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	365373	51.245	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	231929	52.394	ug/l	98
56) Ethyl methacrylate	10.40	69	311257	48.596	ug/l	99
57) 1,3-Dichloropropane	10.68	76	378686	51.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	793359	243.550	ug/l	99
59) 2-Hexanone	10.72	43	958025	247.739	ug/l	100
60) Dibromochloromethane	10.87	129	256424	51.569	ug/l	99
61) 1,2-Dibromoethane	10.98	107	236879	52.574	ug/l	99
64) Tetrachloroethene	10.60	164	213153	48.942	ug/l	97
65) Chlorobenzene	11.41	112	612817	50.376	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	235965	51.091	ug/l	99
67) Ethyl Benzene	11.49	91	1078602	52.930	ug/l	99
68) m/p-Xylenes	11.60	106	826350	98.403	ug/l	99
69) o-Xylene	11.92	106	389448	48.497	ug/l	100
70) Styrene	11.94	104	685199	49.456	ug/l	100
71) Bromoform	12.10	173	182694	47.849	ug/l	97
73) Isopropylbenzene	12.23	105	1019055	48.919	ug/l	99
74) N-amyl acetate	12.05	43	388975	49.861	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	327136	45.612	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	291145m	43.152	ug/l	
77) Bromobenzene	12.50	156	270707	47.868	ug/l	100
78) n-propylbenzene	12.57	91	1171258	50.376	ug/l	100
79) 2-Chlorotoluene	12.65	91	705794	47.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	858907	51.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	102458	46.395	ug/l	99
82) 4-Chlorotoluene	12.75	91	731739	49.098	ug/l	98
83) tert-Butylbenzene	12.97	119	694858	50.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	856632	49.157	ug/l	100
85) sec-Butylbenzene	13.15	105	905097	50.915	ug/l	99
86) p-Isopropyltoluene	13.26	119	817381	48.632	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	472700	50.166	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	478140	49.612	ug/l	99
89) n-Butylbenzene	13.59	91	671911	51.871	ug/l	99
90) Hexachloroethane	13.85	117	138858	46.936	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	472308	50.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62439	45.233	ug/l	99

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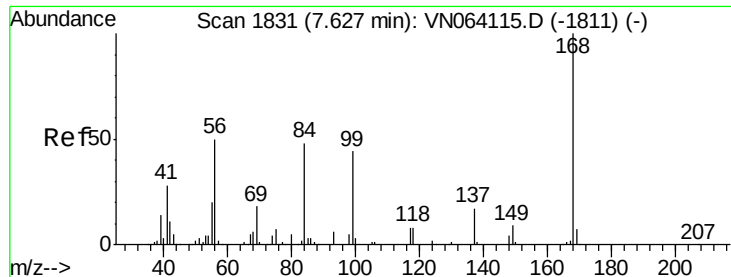
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	219217	47.755	ug/l	98
94) Hexachlorobutadiene	14.98	225	108528	48.577	ug/l	98
95) Naphthalene	15.10	128	642476	45.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	221664	48.389	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 357256

Ion Ratio Lower Upper

168 100

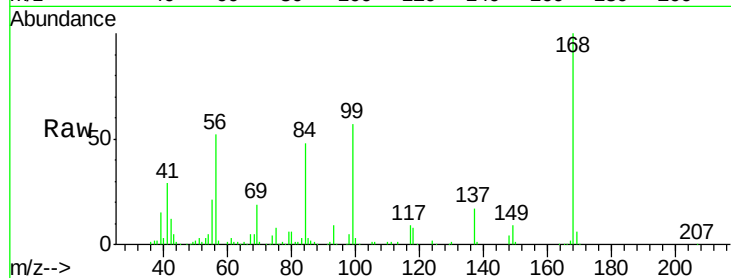
99 56.3 43.6 65.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

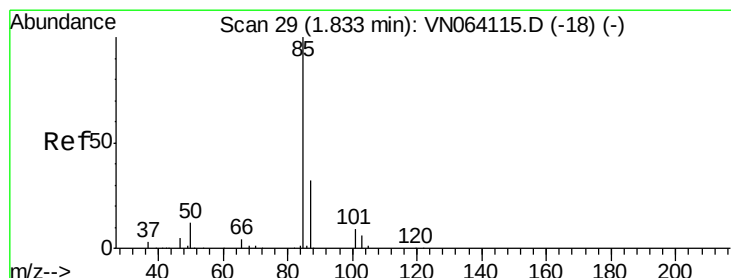
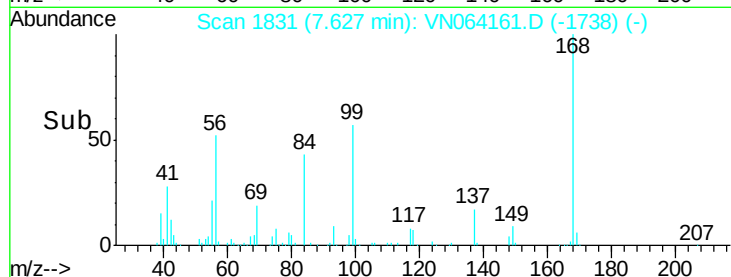
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.058 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064161.D

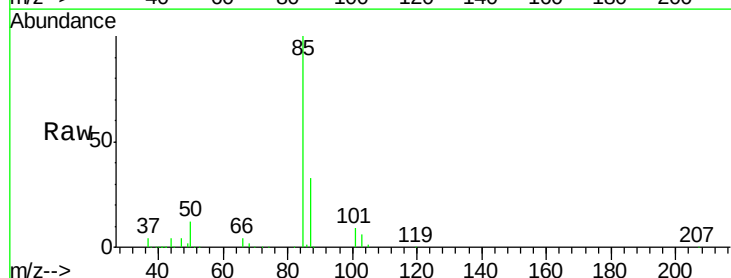
Acq: 15 Oct 2020 22:19

Tgt Ion: 85 Resp: 165128

Ion Ratio Lower Upper

85 100

87 32.7 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

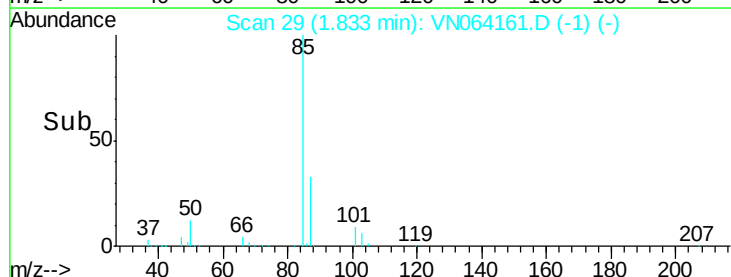
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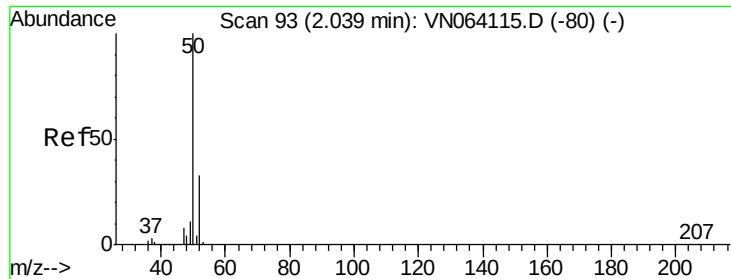
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.092 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 201623

Ion Ratio Lower Upper

50 100

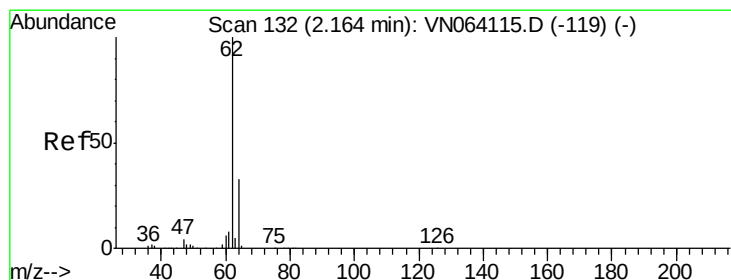
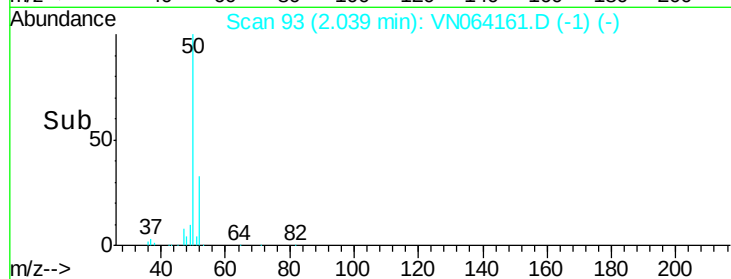
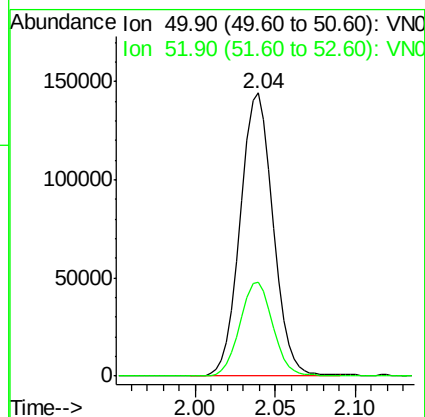
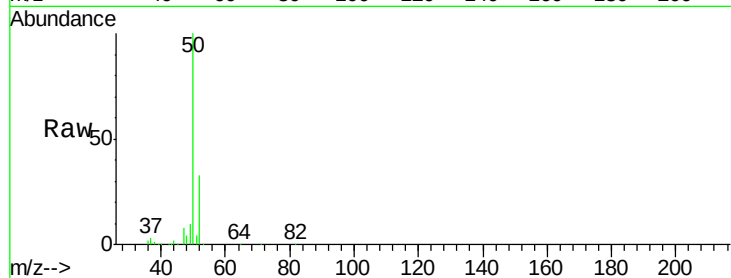
52 33.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 48.148 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064161.D

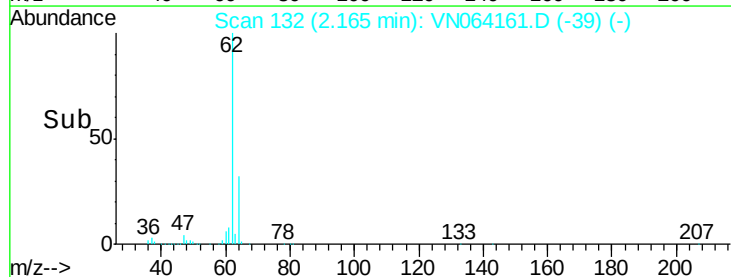
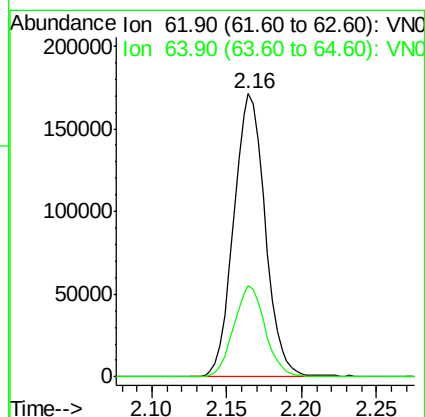
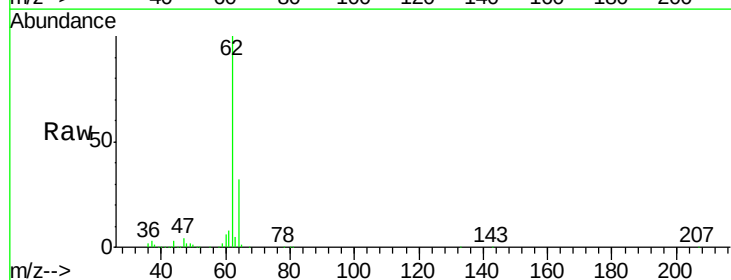
Acq: 15 Oct 2020 22:19

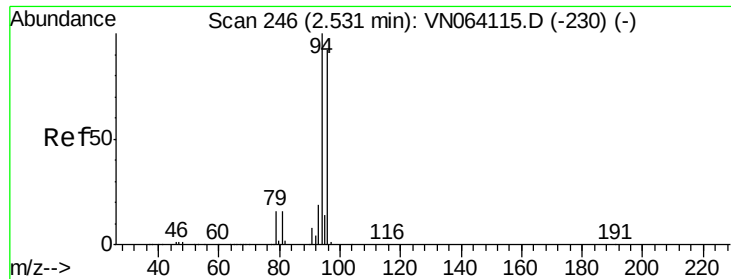
Tgt Ion: 62 Resp: 251261

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.4





#5

Bromomethane

Concen: 43.052 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 168599

Ion Ratio Lower Upper

94 100

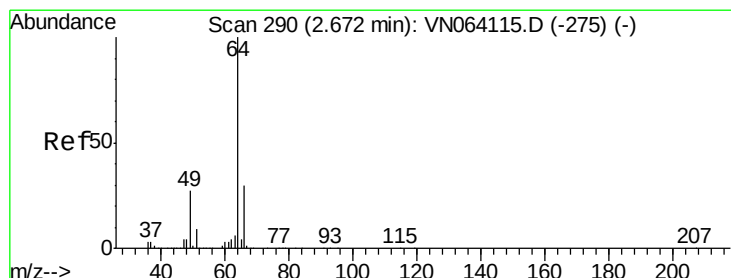
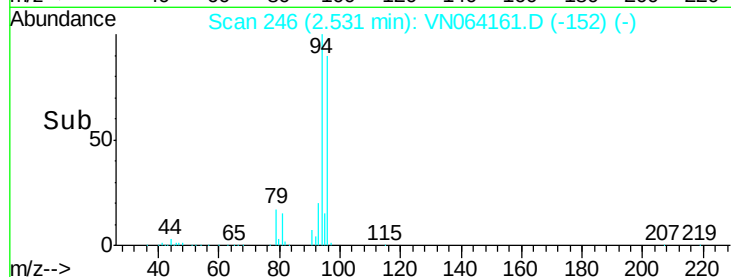
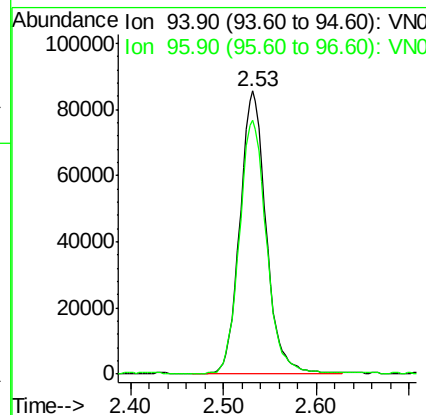
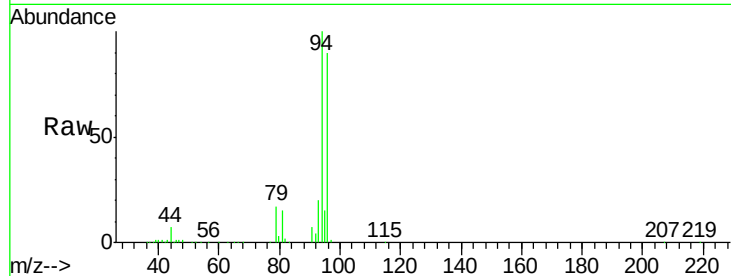
96 89.7 73.5 110.3

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#6

Chloroethane

Concen: 47.792 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064161.D

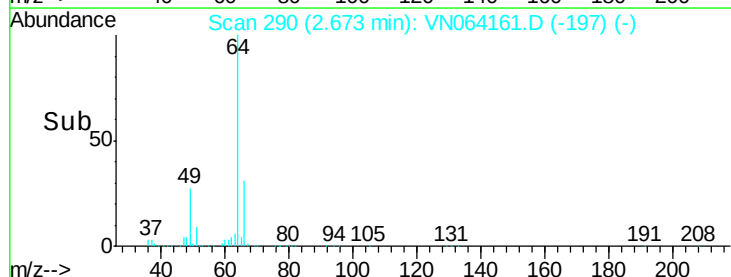
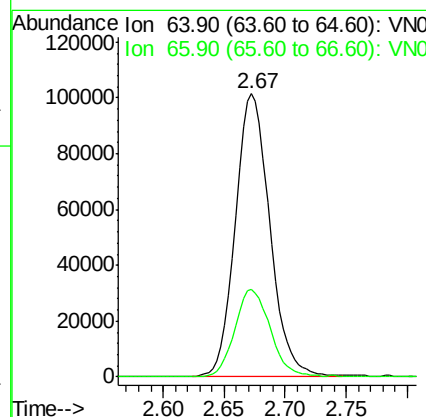
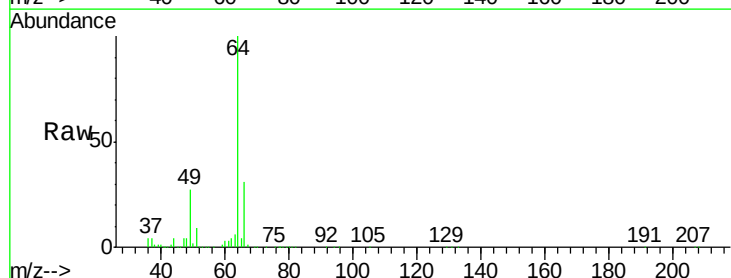
Acq: 15 Oct 2020 22:19

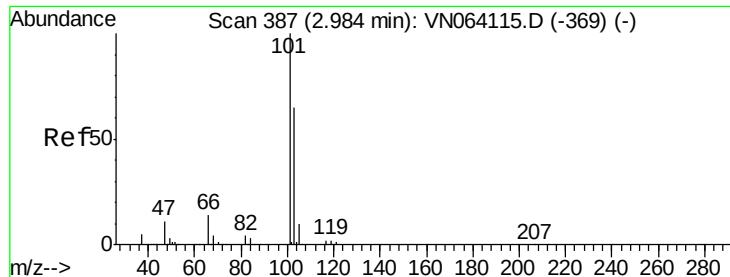
Tgt Ion: 64 Resp: 198283

Ion Ratio Lower Upper

64 100

66 30.6 24.2 36.2





#7

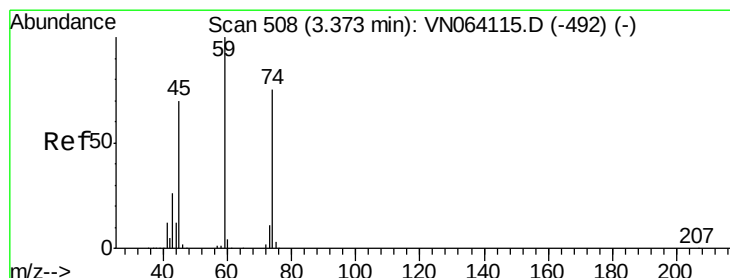
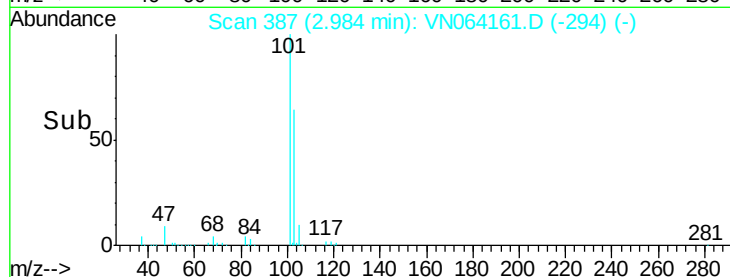
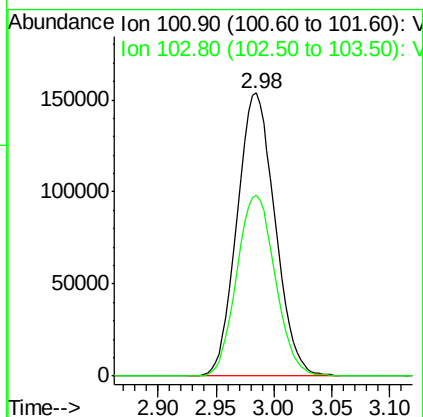
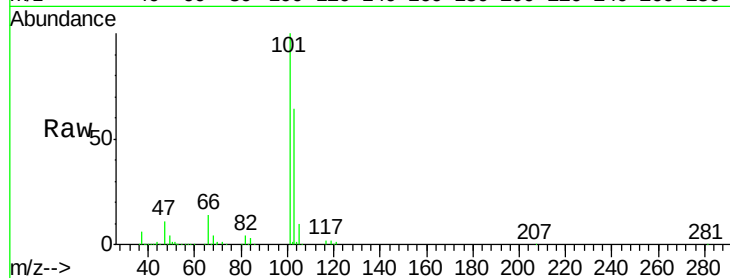
Trichlorofluoromethane
 Concen: 48.797 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

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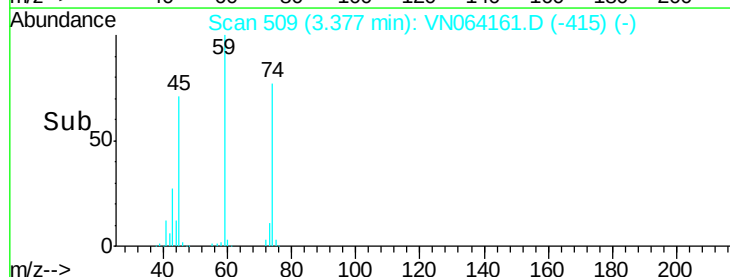
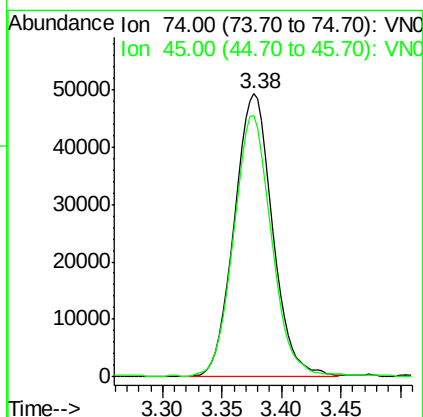
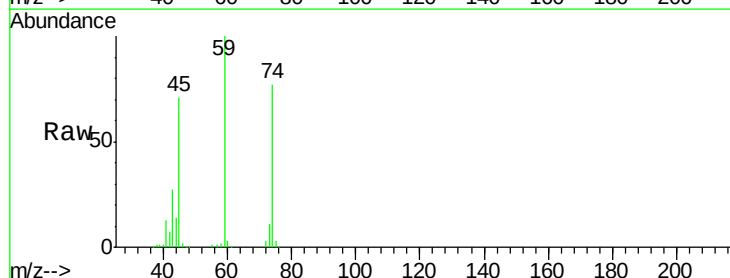
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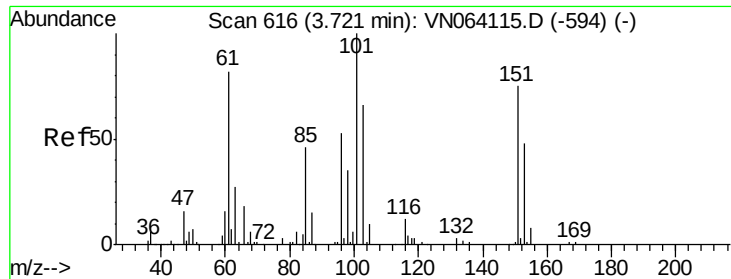


#8

Diethyl Ether
 Concen: 48.921 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.1	47.0	141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.577 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

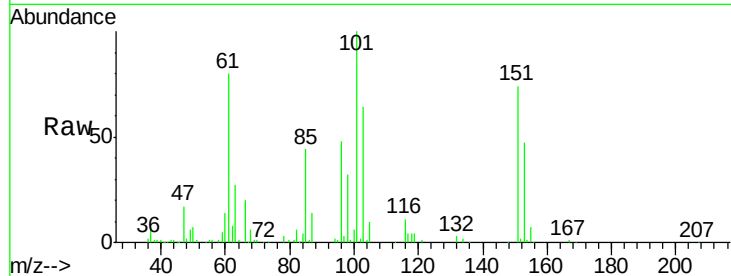
ClientSampleId :

VSTDCCC050EC

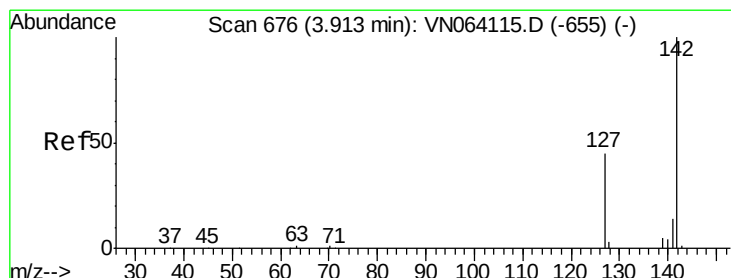
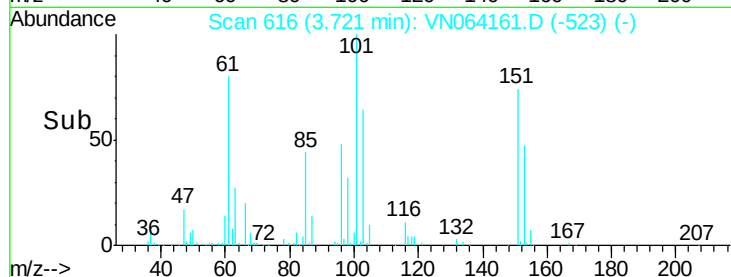
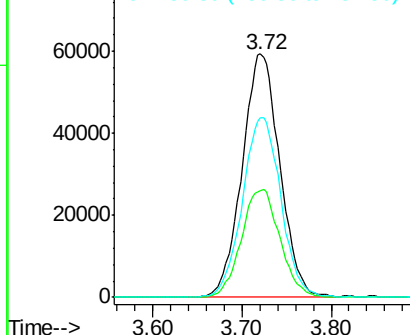
Tot Ion:	101	Resp:	174686
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.9	55.3
151	75.3	60.7	91.1

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.298 ug/l

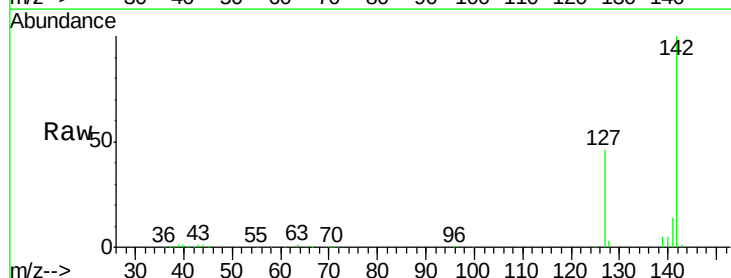
RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

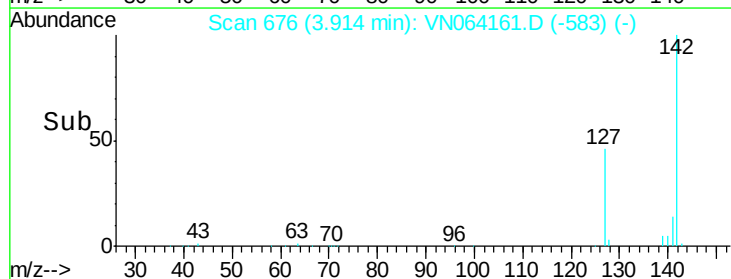
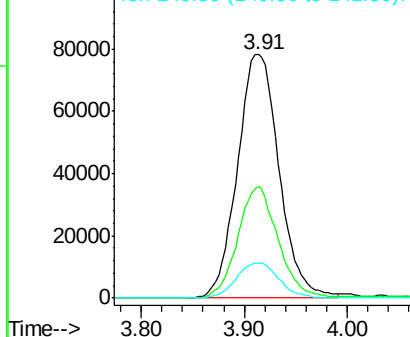
Lab File: VN064161.D

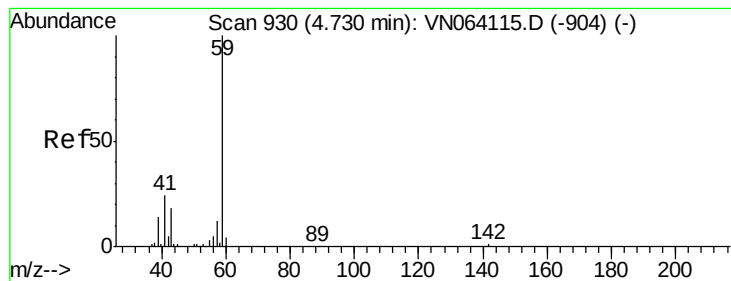
Acq: 15 Oct 2020 22:19

Tgt Ion:	142	Resp:	220049
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.3	54.5
141	14.7	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

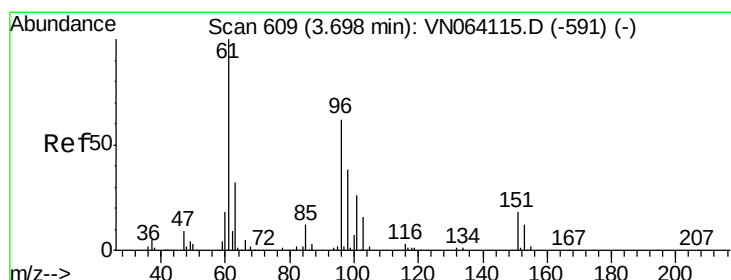
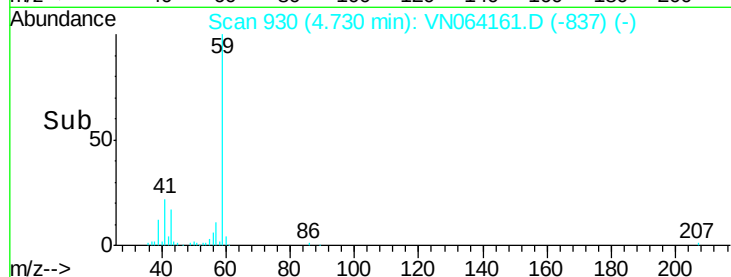
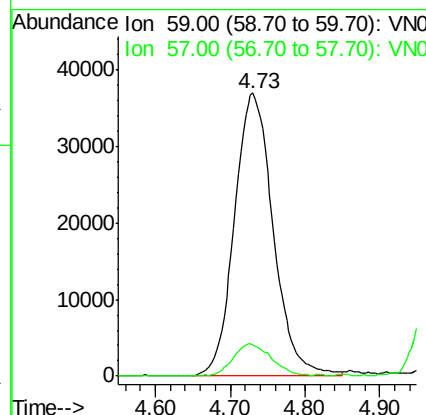
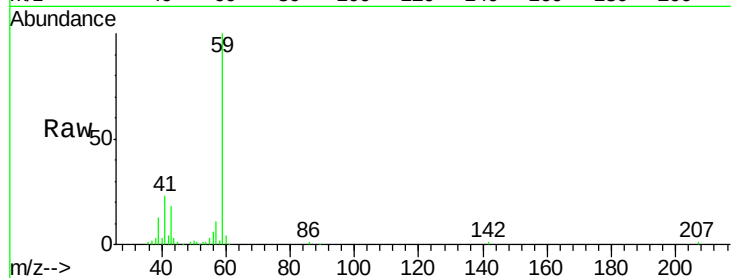
Tert butyl alcohol
Concen: 236.670 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.9	13.3

Manual Integrations
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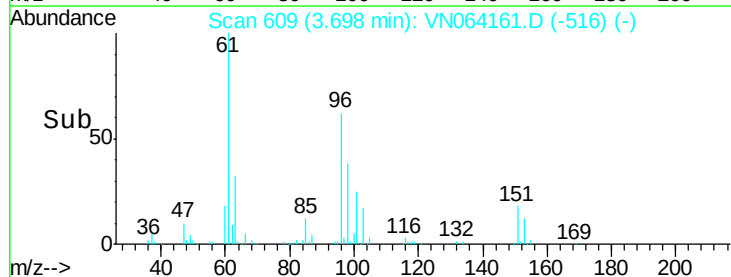
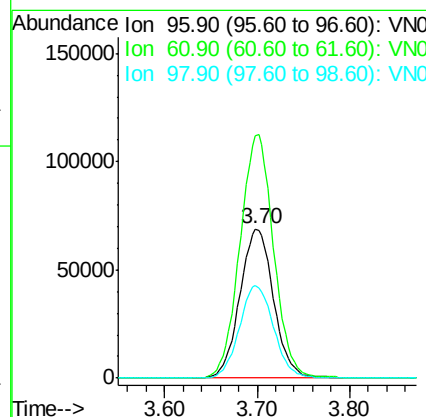
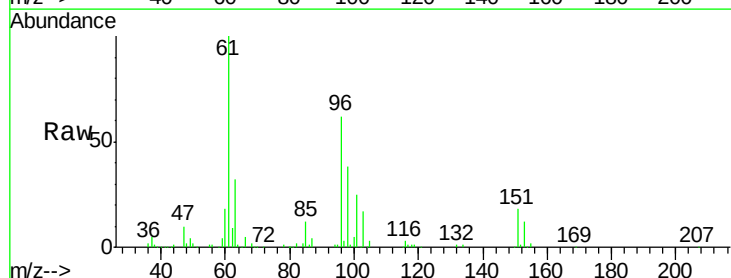
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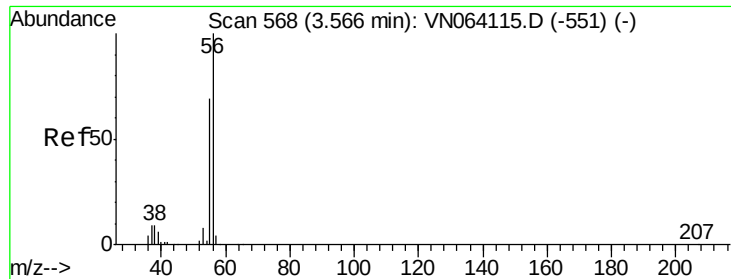


#12

1,1-Dichloroethene
Concen: 48.895 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.4	129.9	194.9
98	62.2	48.9	73.3





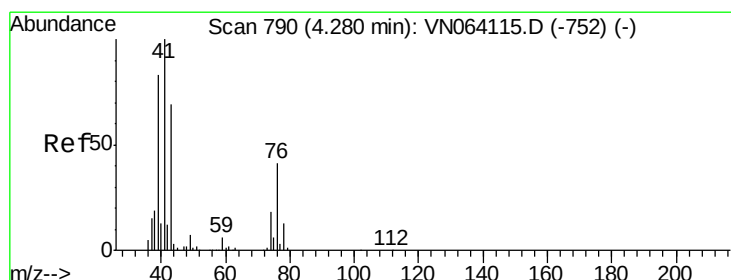
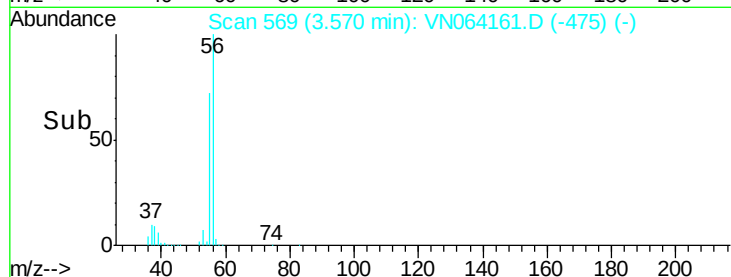
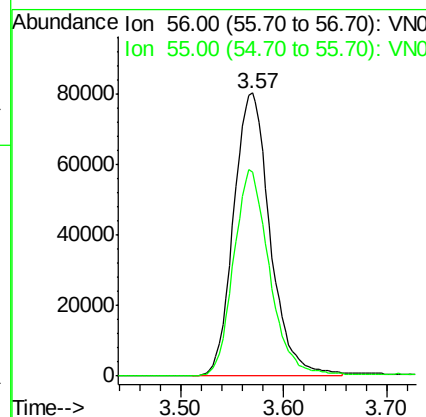
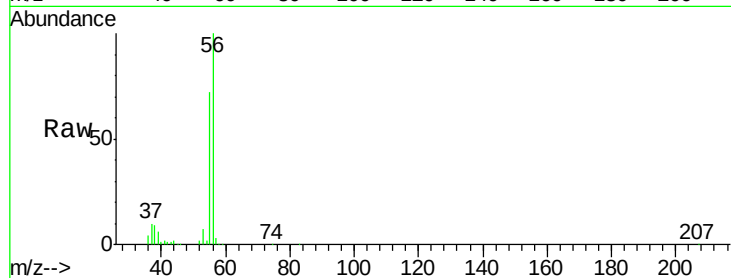
#13
Acrolein
Concen: 428.400 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	198236
Ion Ratio	100	Lower	Upper
56	100		
55	71.8	55.8	83.6

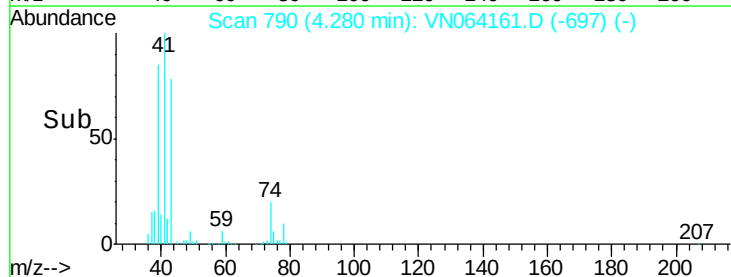
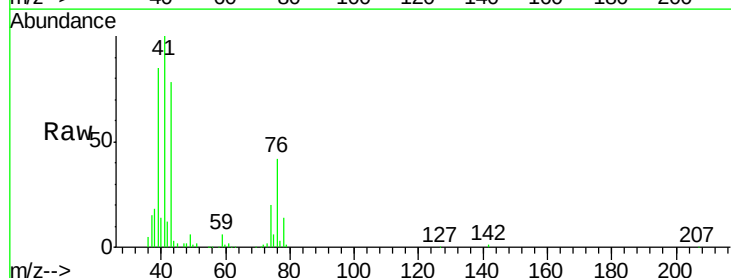
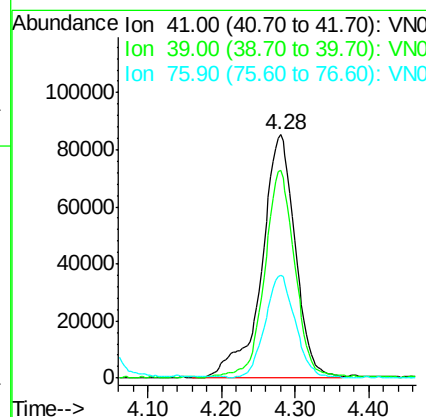
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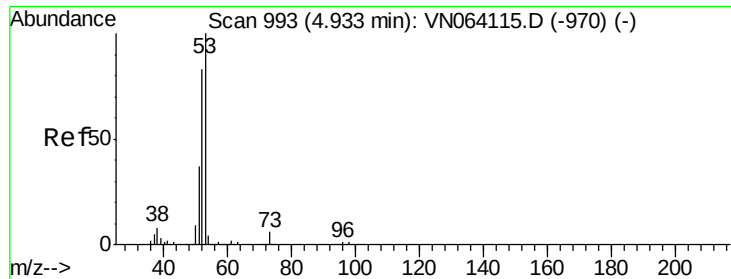
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#14
Allyl chloride
Concen: 48.262 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	41	Resp	267942
Ion Ratio	100	Lower	Upper
41	100		
39	76.9	60.5	90.7
76	37.8	29.5	44.3





#15

Acrylonitrile

Concen: 250.643 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

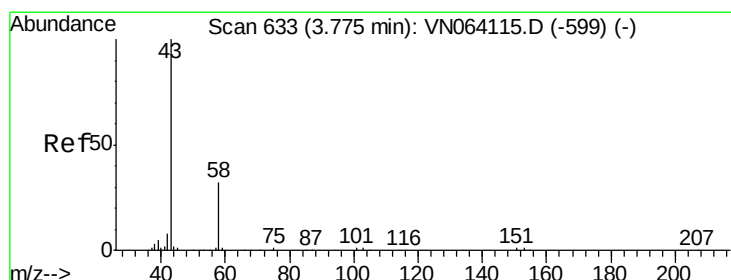
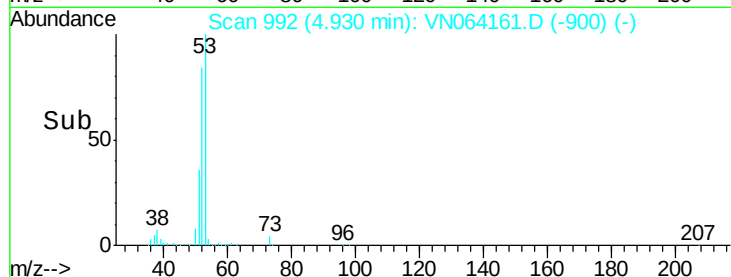
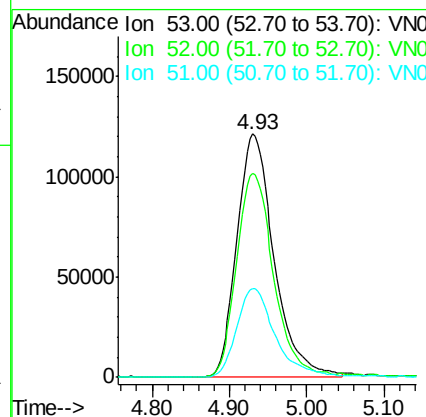
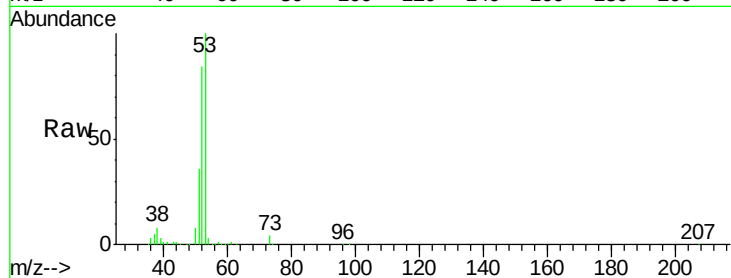
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	405433
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.8	98.6
51	38.0	29.4	44.2

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#16

Acetone

Concen: 245.896 ug/l

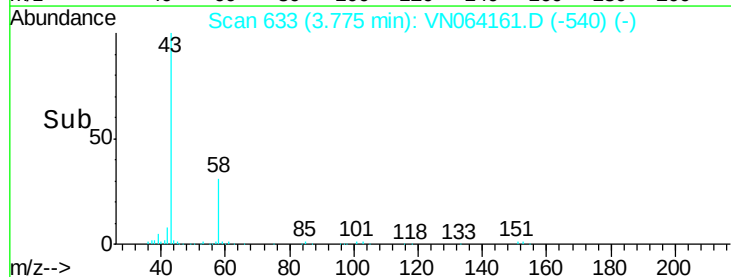
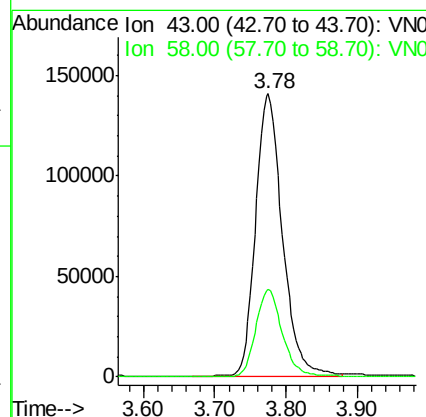
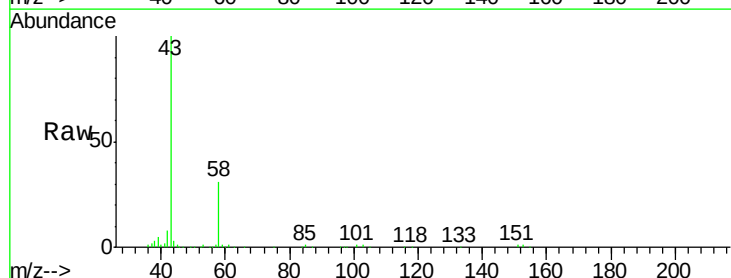
RT: 3.78 min Scan# 633

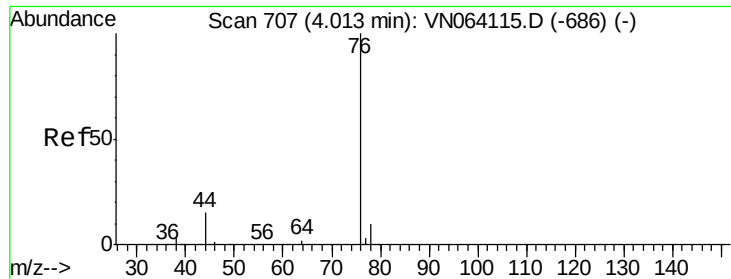
Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	43	Resp:	371108
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.2	37.8





#17

Carbon Disulfide

Concen: 48.945 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 497778

Ion Ratio Lower Upper

76 100

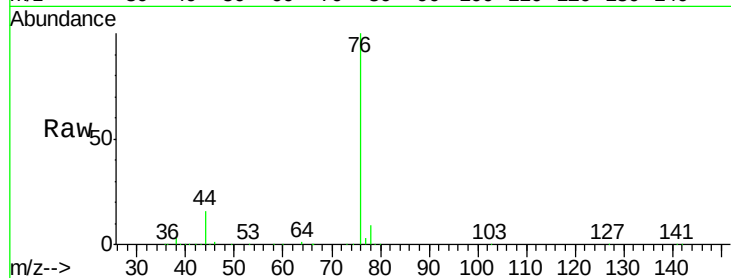
78 9.2 7.6 11.4

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

200000

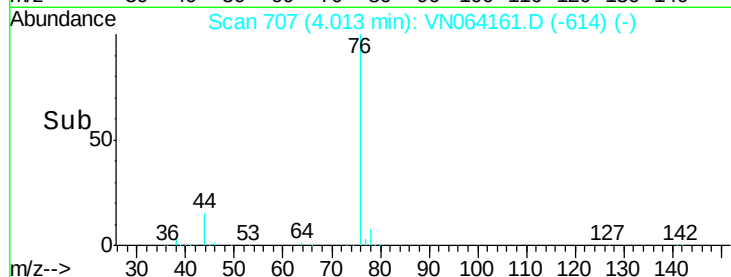
150000

100000

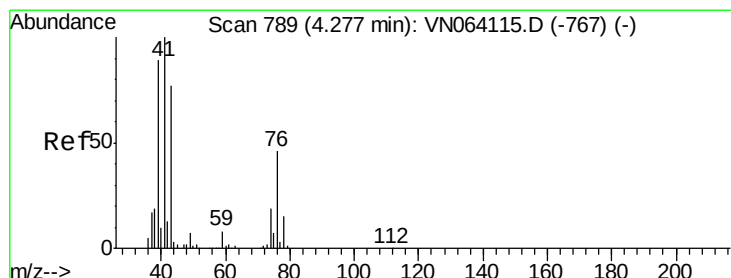
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 50.392 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064161.D

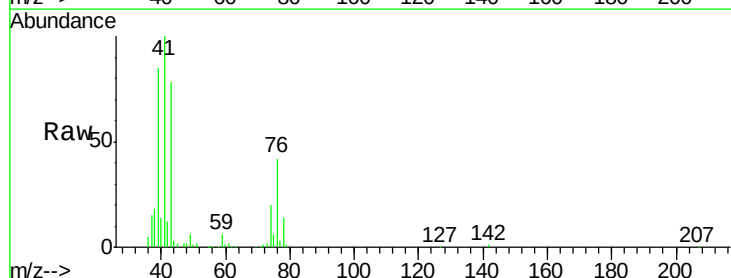
Acq: 15 Oct 2020 22:19

Tgt Ion: 43 Resp: 190774

Ion Ratio Lower Upper

43 100

74 24.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

80000

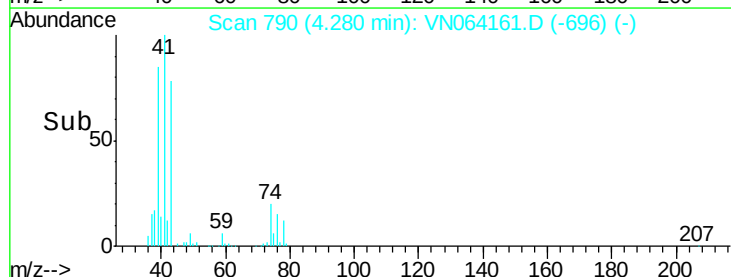
60000

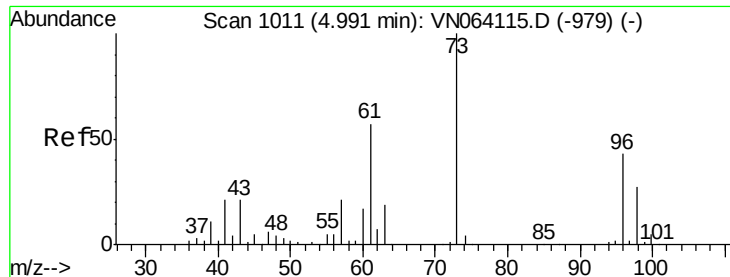
40000

20000

0

Time-->





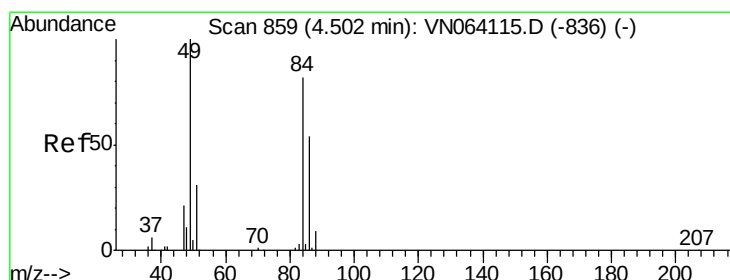
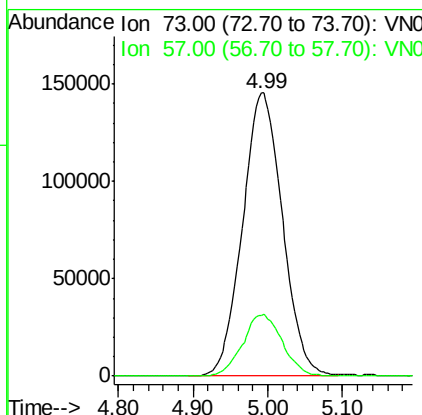
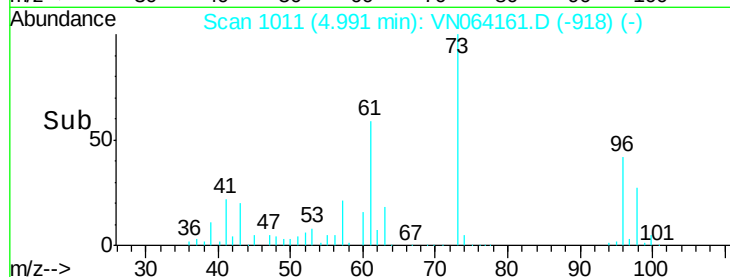
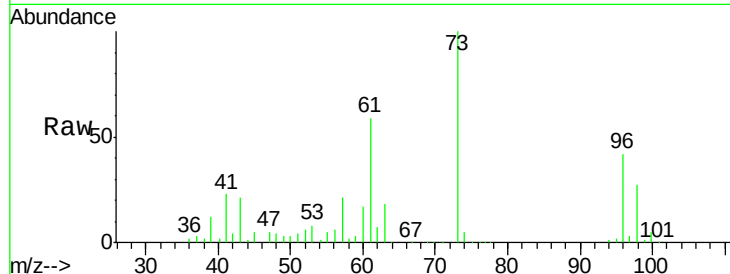
#19
Methyl tert-butyl Ether
Concen: 51.468 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 540172
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4

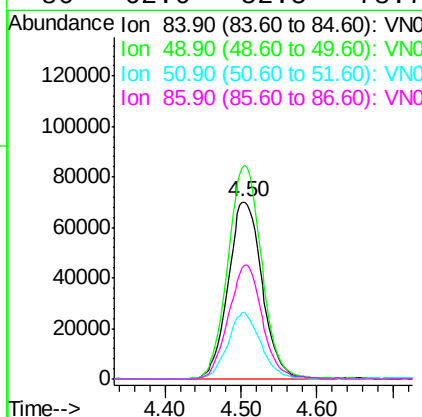
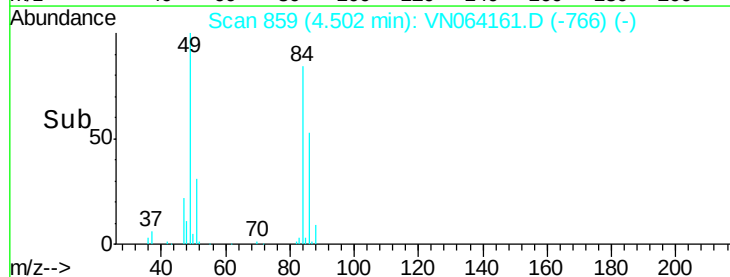
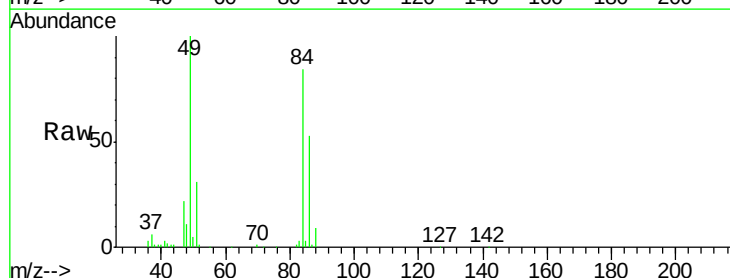
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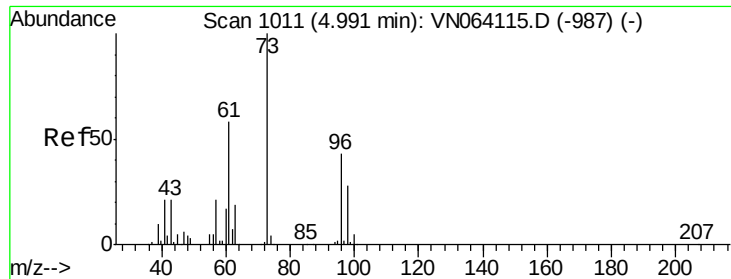
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#20
Methylene Chloride
Concen: 46.876 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 84 Resp: 218905
Ion Ratio Lower Upper
84 100
49 118.9 97.4 146.0
51 37.3 29.7 44.5
86 62.6 52.5 78.7





#21

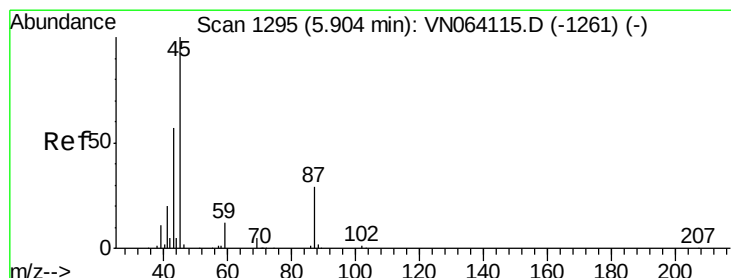
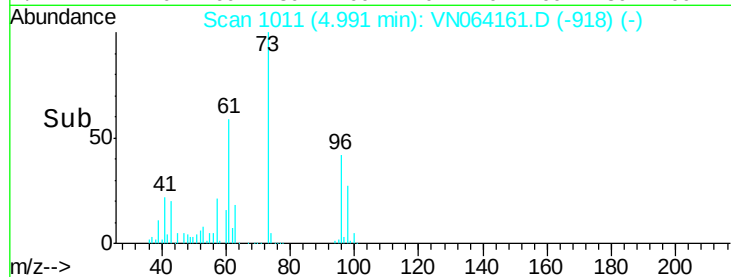
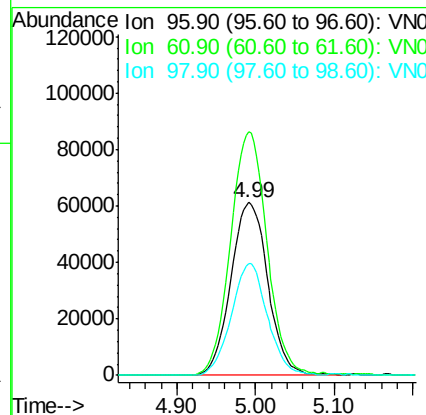
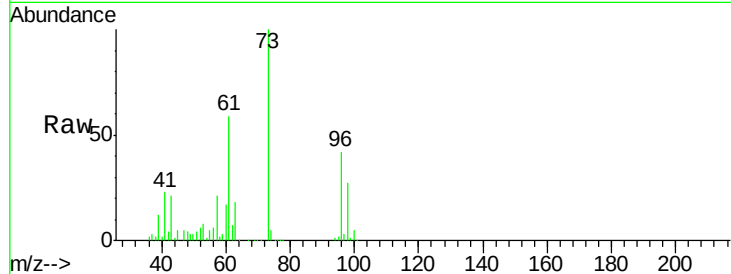
trans-1,2-Dichloroethene
Concen: 49.902 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	107.0	160.4
98	64.6	51.0	76.6

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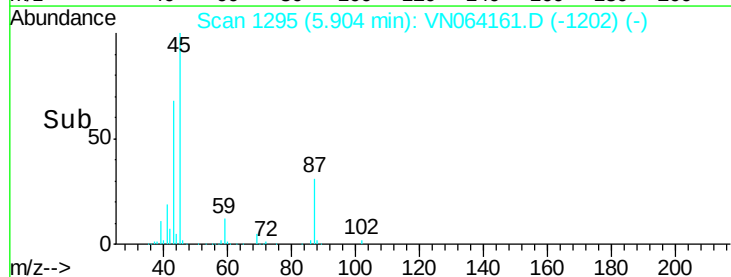
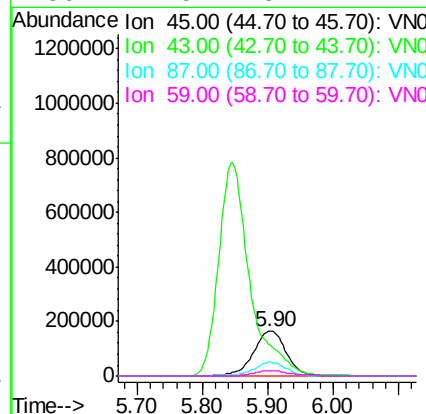
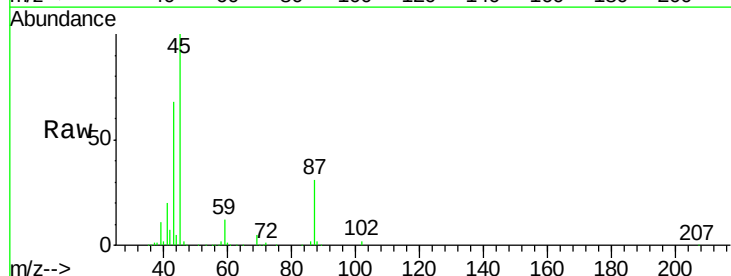
apatel
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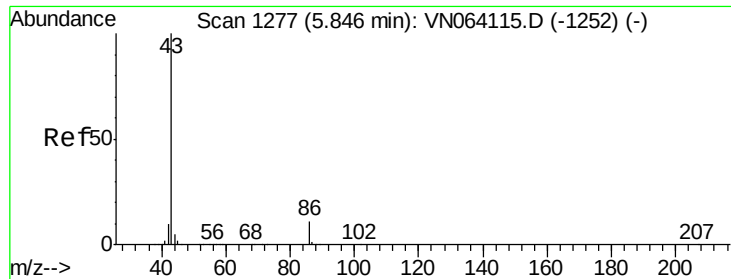


#22

Diisopropyl ether
Concen: 53.254 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.9	50.9	76.3
87	30.5	23.5	35.3
59	11.5	9.4	14.2





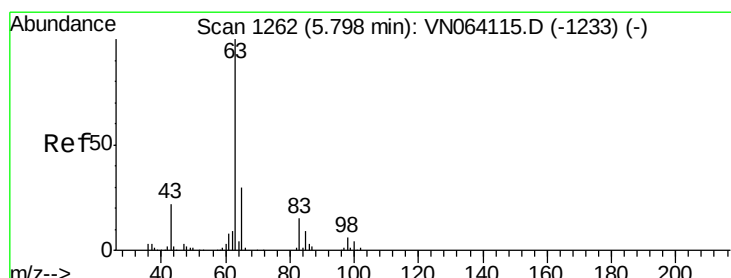
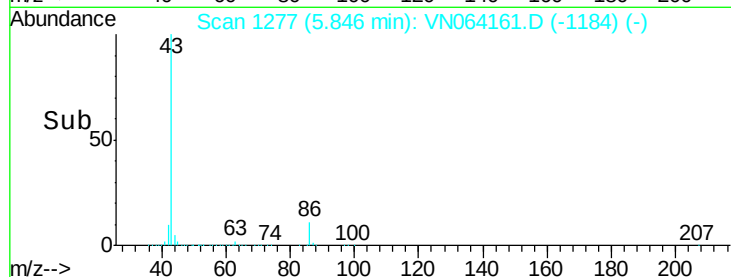
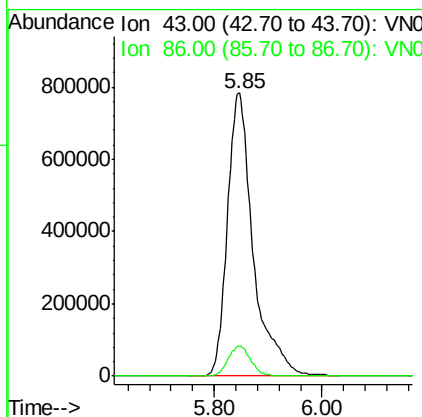
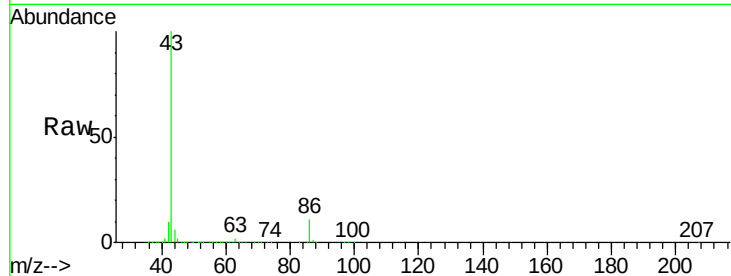
#23
 Vinyl Acetate
 Concen: 270.789 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2608762
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2

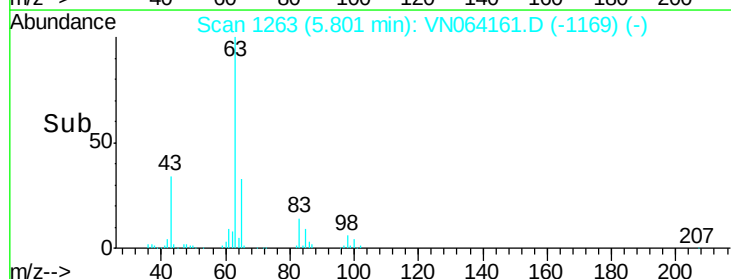
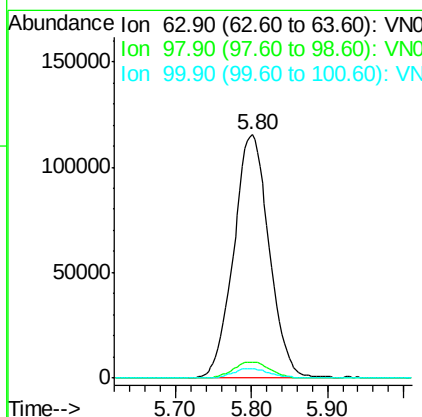
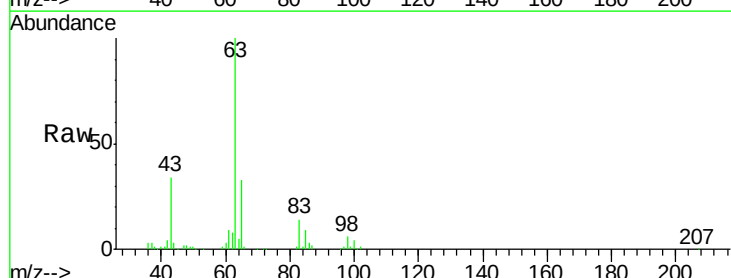
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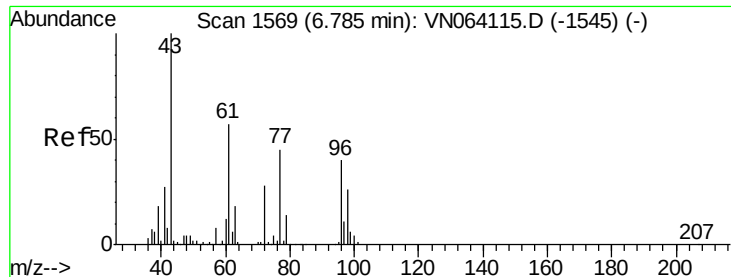
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#24
 1,1-Dichloroethane
 Concen: 49.561 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion: 63 Resp: 373281
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 245.993 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 571030

Ion Ratio Lower Upper

43 100

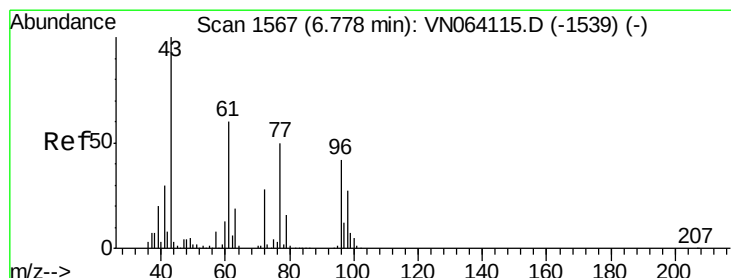
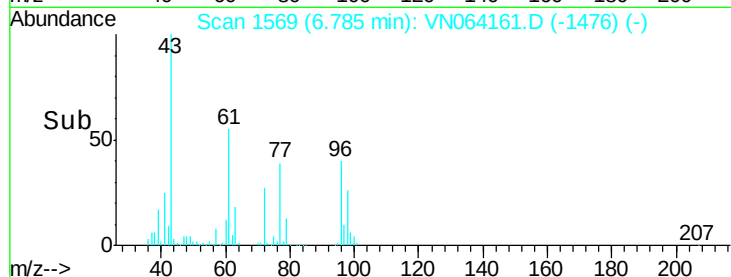
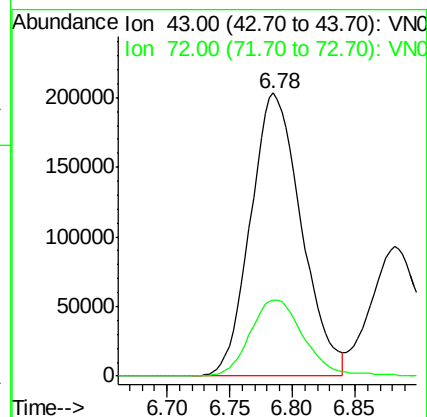
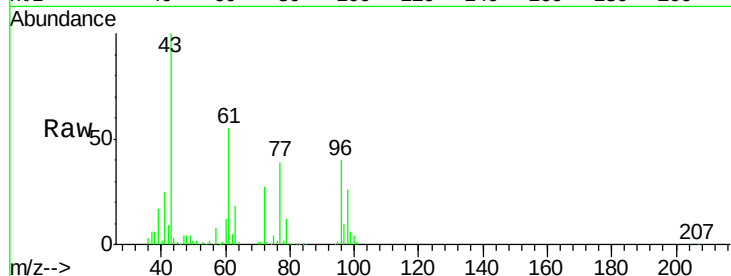
72 26.7 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.698 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064161.D

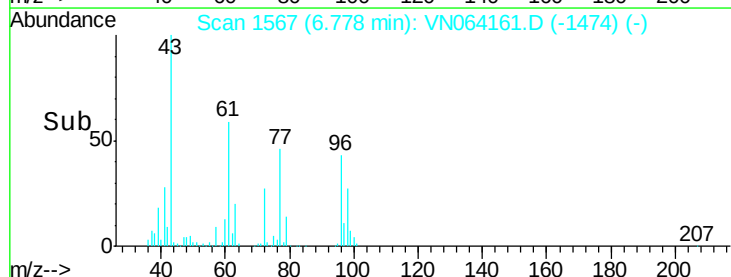
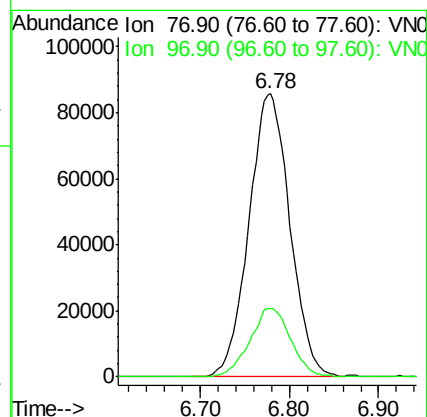
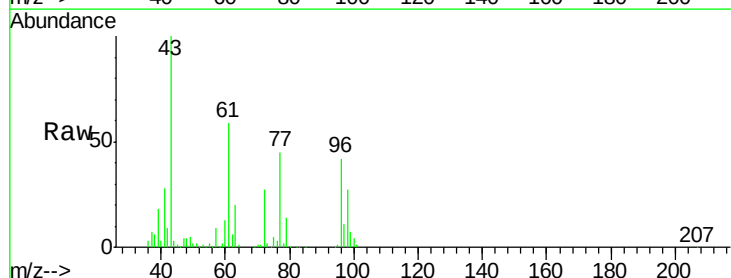
Acq: 15 Oct 2020 22:19

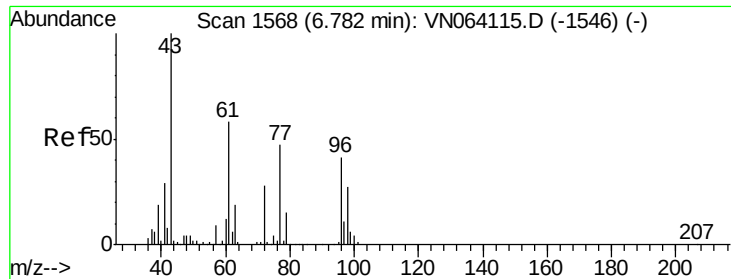
Tgt Ion: 77 Resp: 273822

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.726 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

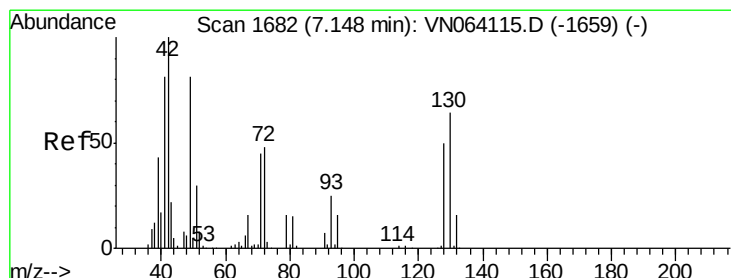
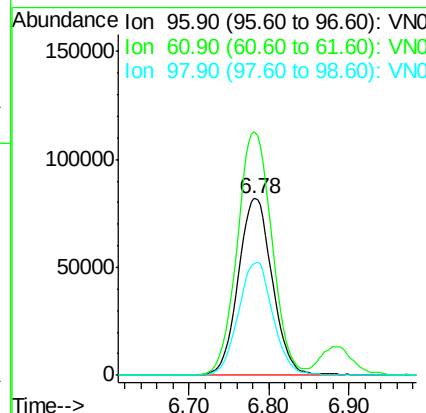
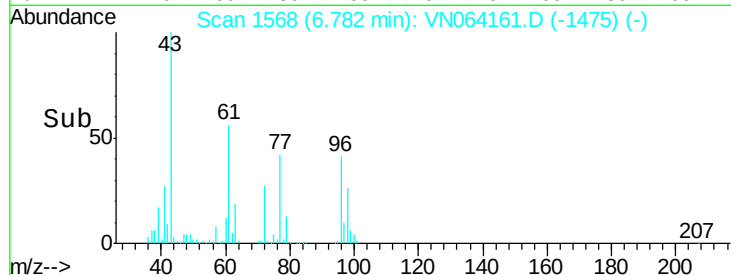
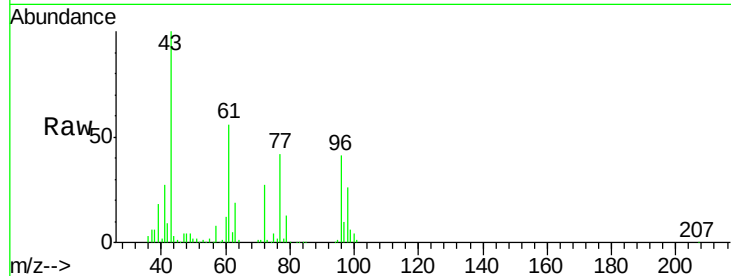
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	235984
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	285.6
98	64.8	0.0	131.0

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#28

Bromochloromethane

Concen: 49.696 ug/l

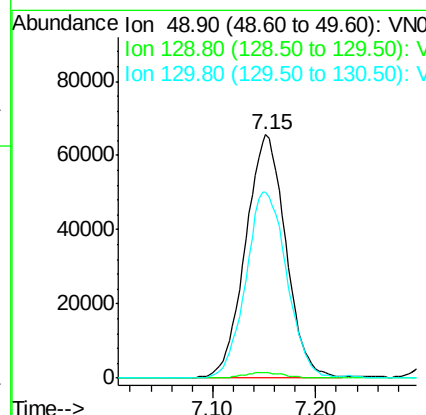
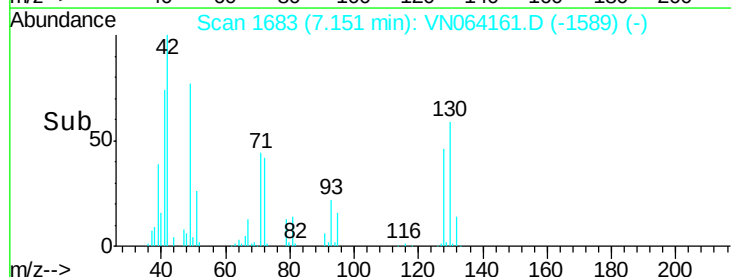
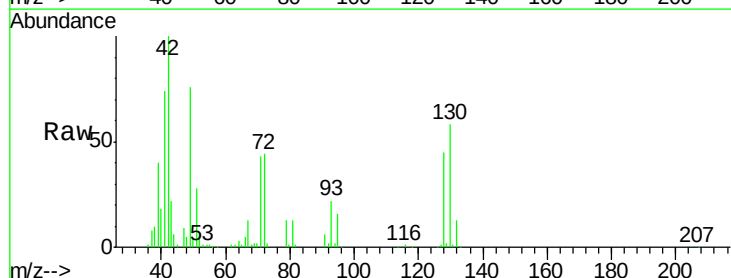
RT: 7.15 min Scan# 1683

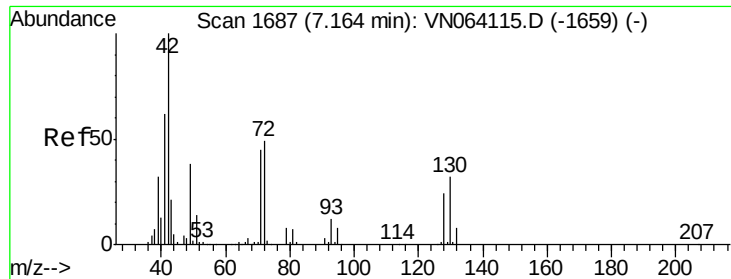
Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	49	Resp:	178278
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.0#
130	77.5	0.0	0.0#





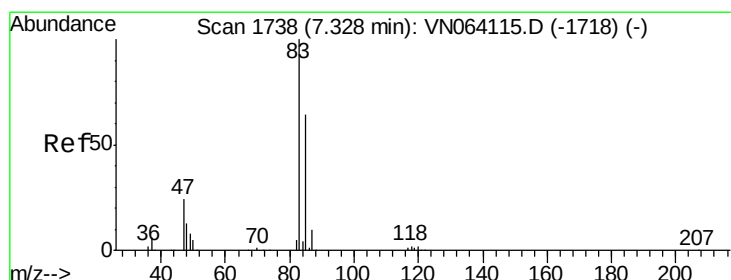
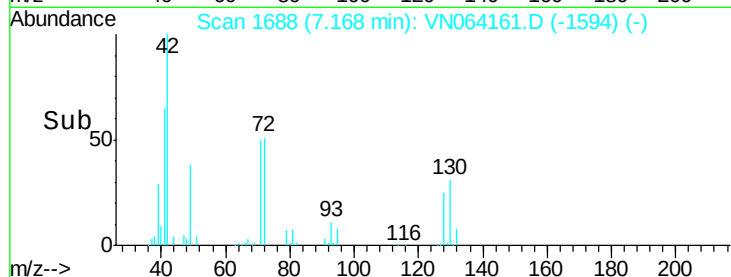
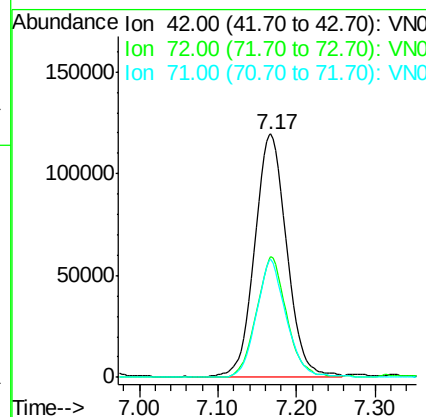
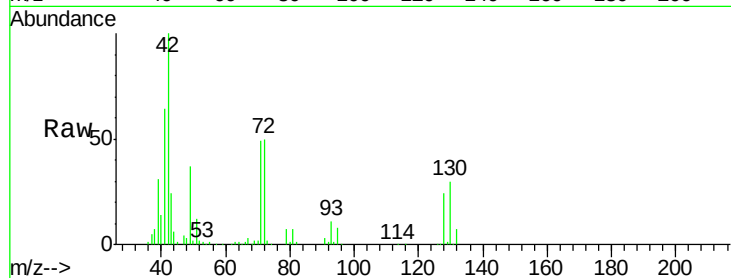
#29
Tetrahydrofuran
Concen: 253.813 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.8	56.6
71	45.1	35.3	52.9

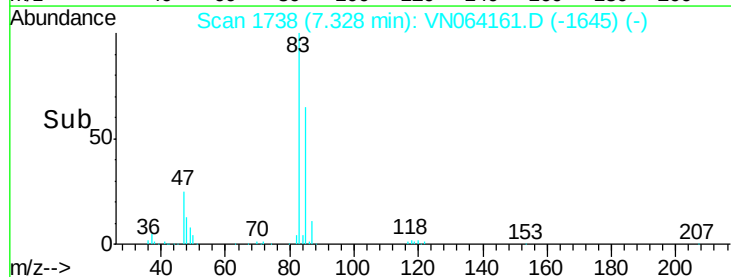
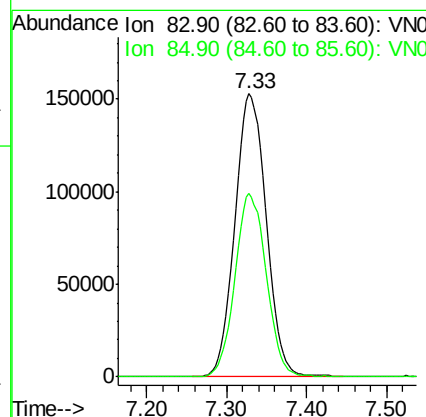
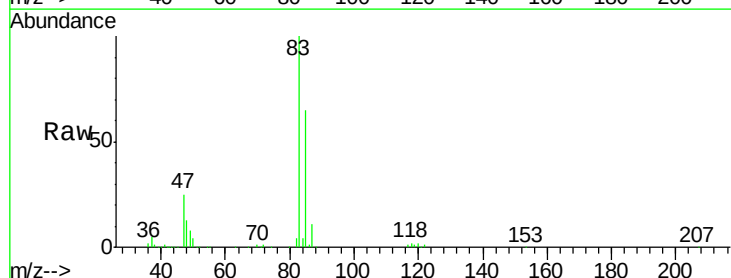
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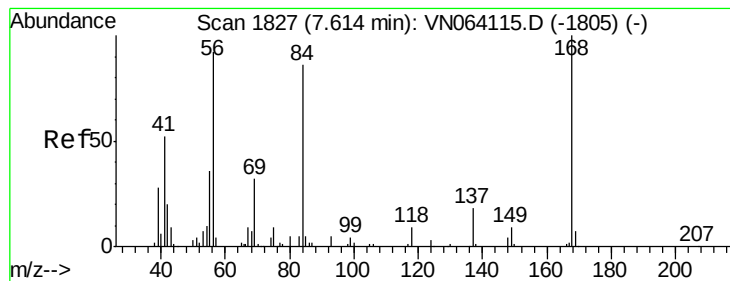
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#30
Chloroform
Concen: 50.609 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.5	77.3





#31

Cyclohexane

Concen: 47.842 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

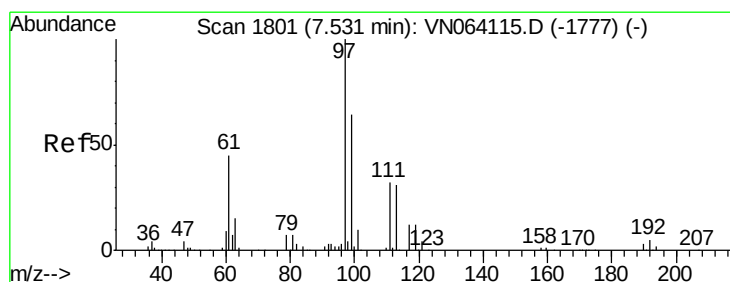
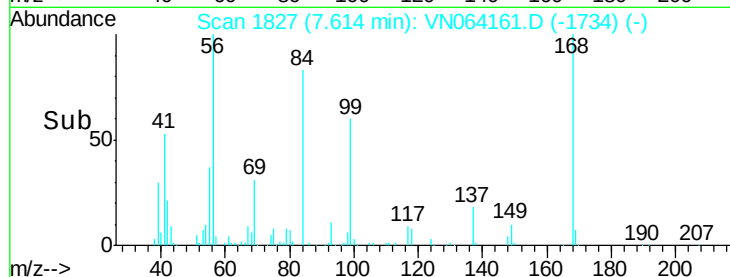
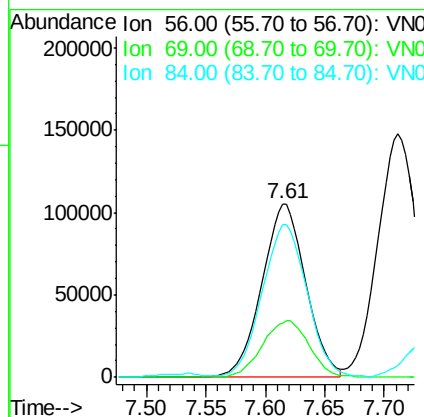
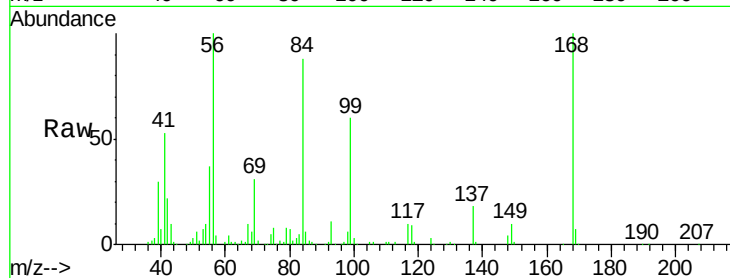
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	269100
Ion Ratio		Lower	Upper
56	100		
69	31.4	27.8	41.6
84	85.3	73.2	109.8

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#32

1,1,1-Trichloroethane

Concen: 50.707 ug/l

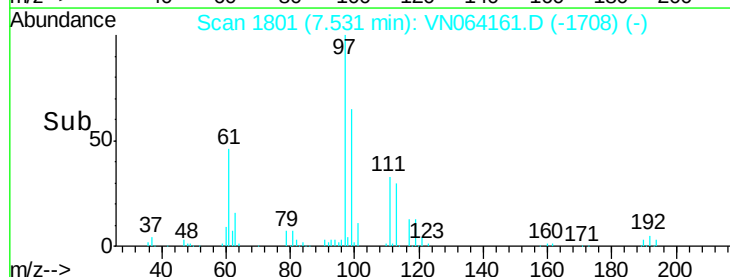
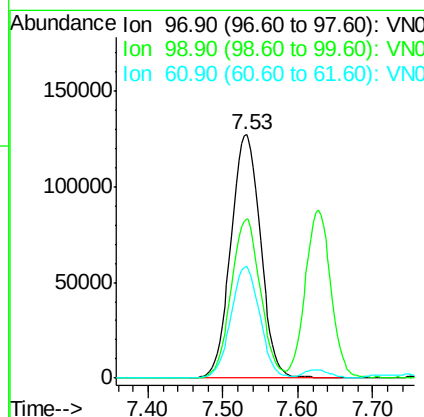
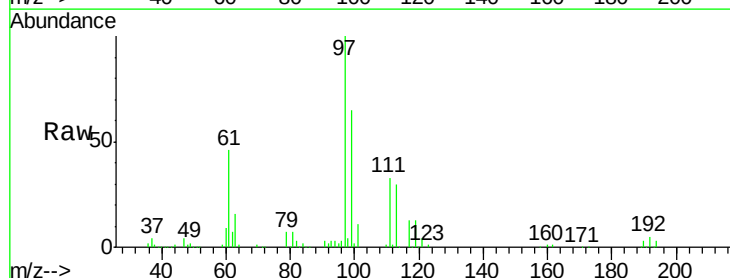
RT: 7.53 min Scan# 1801

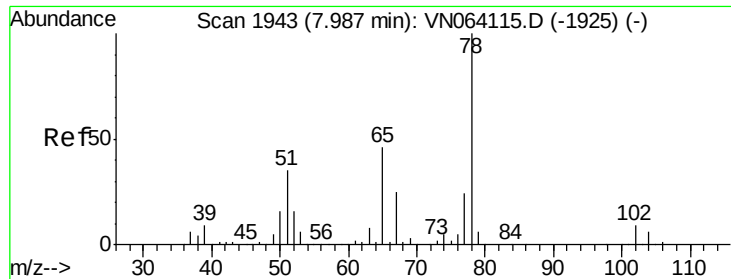
Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	97	Resp:	351569
Ion Ratio		Lower	Upper
97	100		
99	64.2	50.2	75.2
61	44.7	35.6	53.4





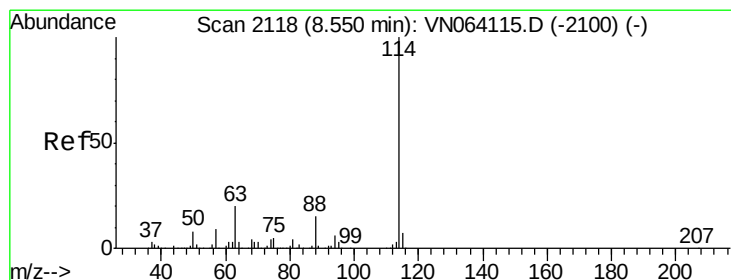
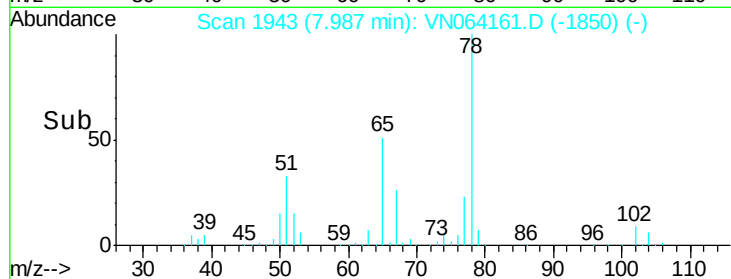
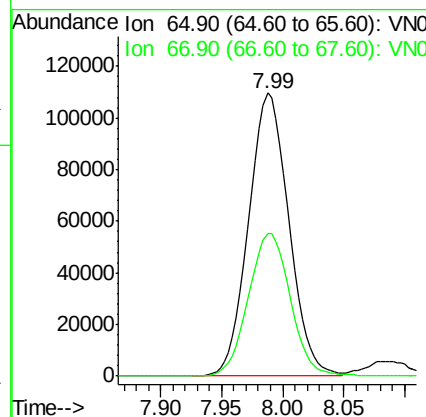
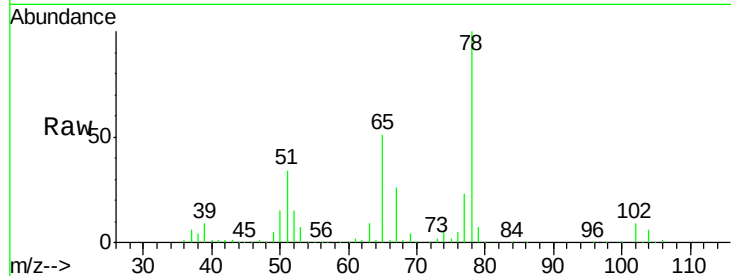
#33
 1,2-Dichloroethane-d4
 Concen: 49.177 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	250216		
67	52.1	0.0	105.6	

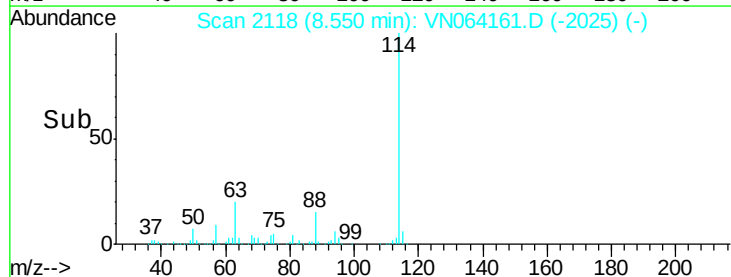
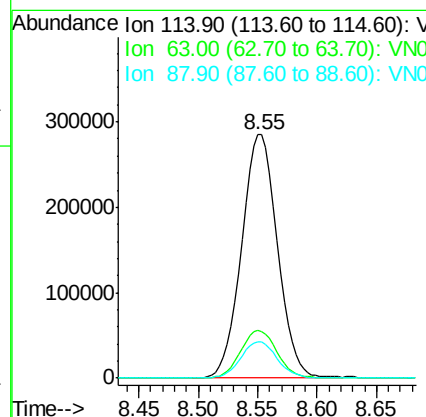
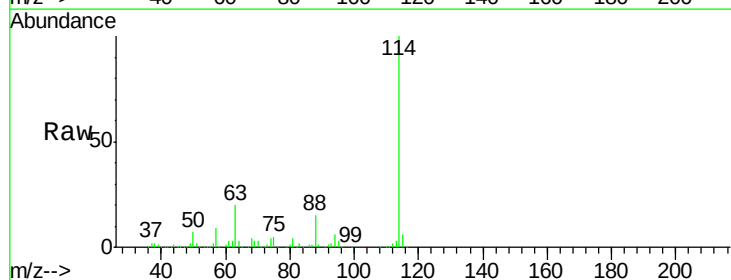
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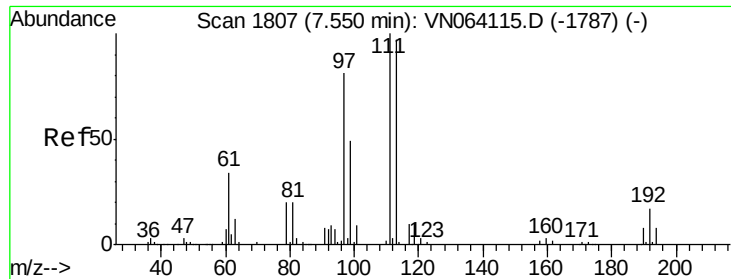
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	595777		
63	19.8	0.0	41.0	
88	14.9	0.0	29.2	





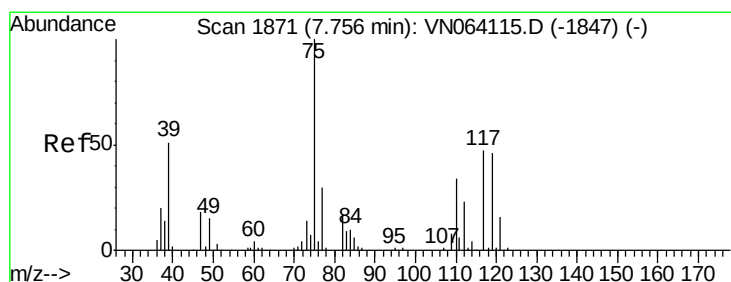
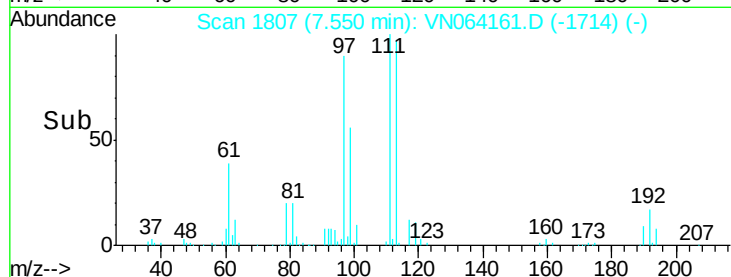
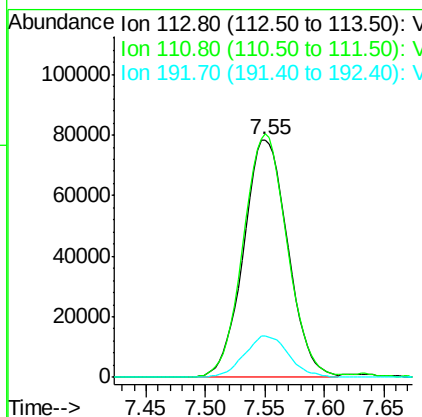
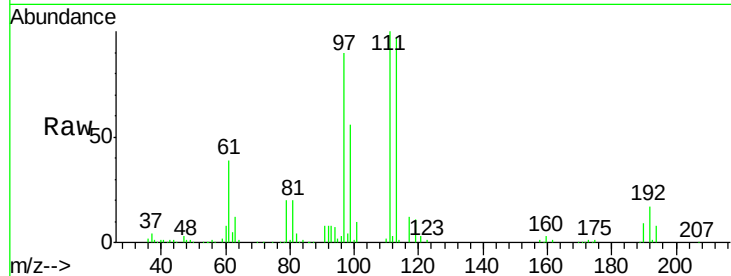
#35
 Dibromofluoromethane
 Concen: 49.057 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	202293		
111	101.9	81.9	122.9	
192	17.5	14.3	21.5	

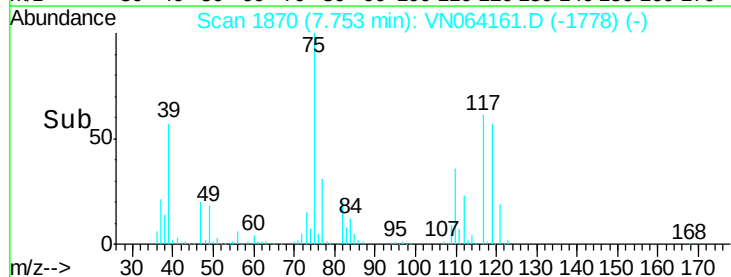
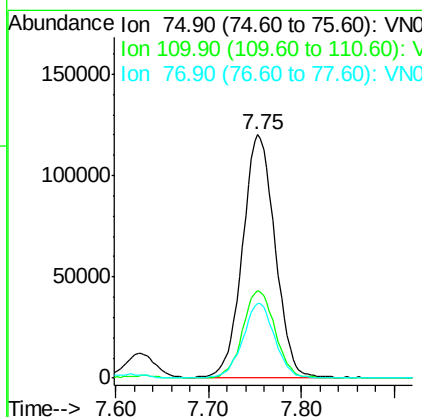
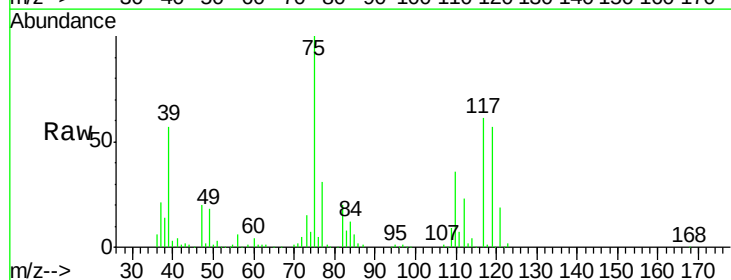
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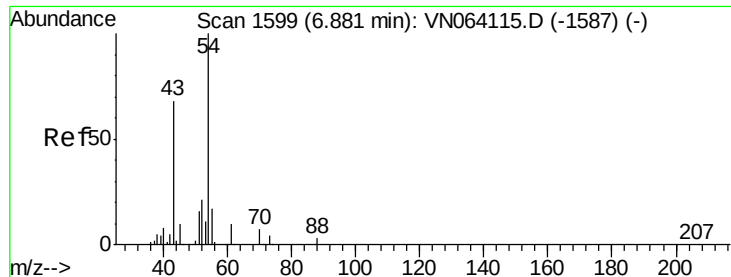
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#36
 1,1-Dichloropropene
 Concen: 50.732 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	291329		
110	36.0	17.8	53.3	
77	30.4	24.9	37.3	





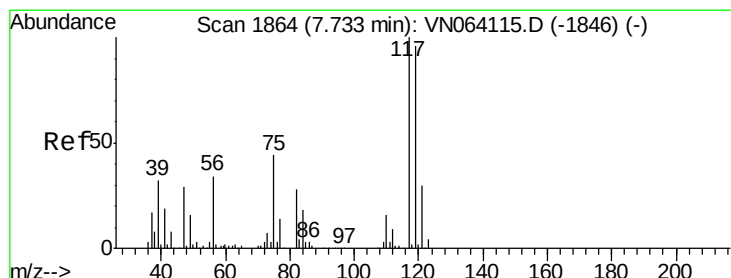
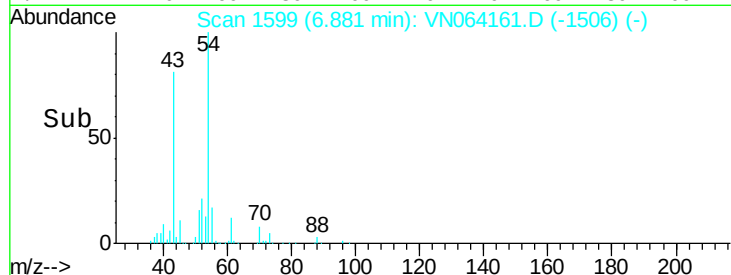
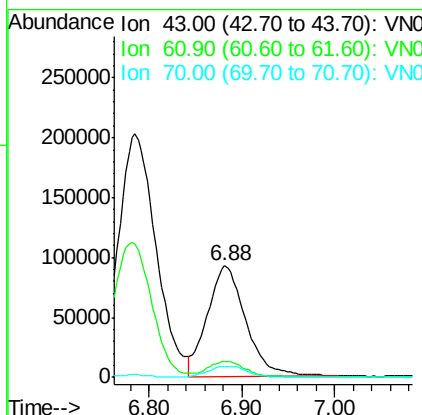
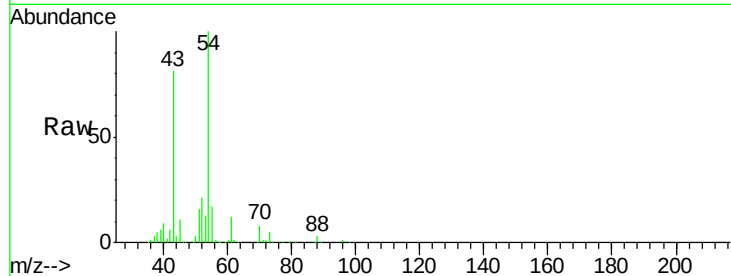
#37
Ethyl Acetate
Concen: 51.951 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	264756
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	10.2	7.7	11.5

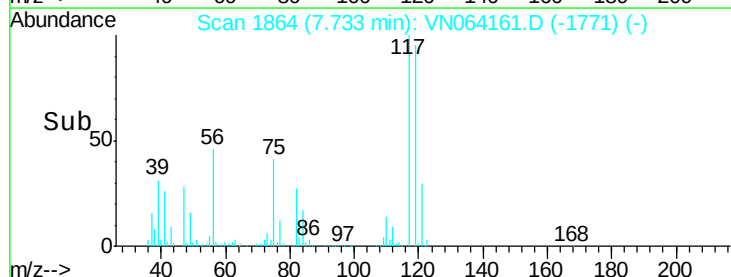
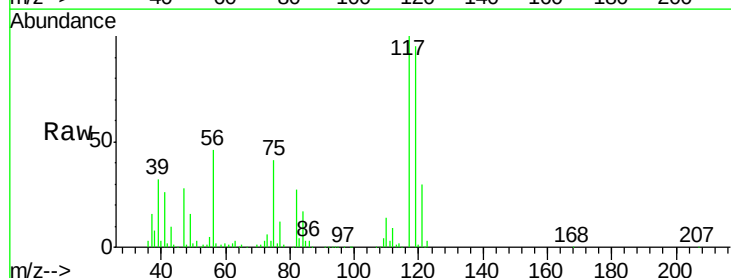
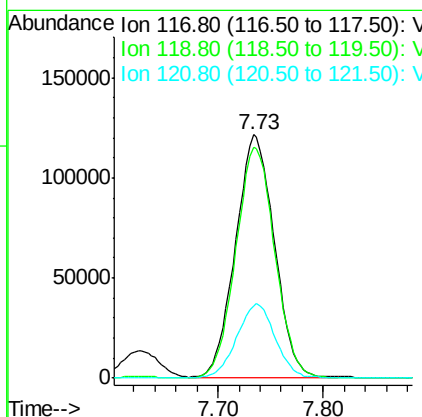
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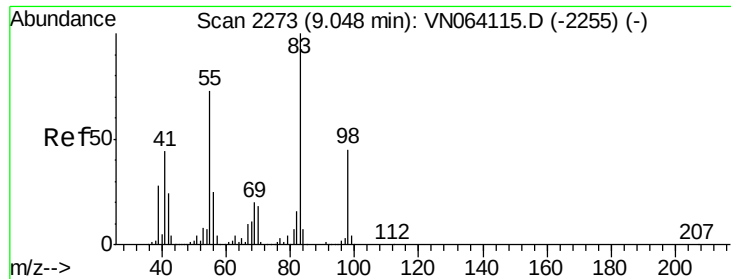
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#38
Carbon Tetrachloride
Concen: 50.096 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	117	Resp	309340
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.4
121	29.9	24.2	36.4





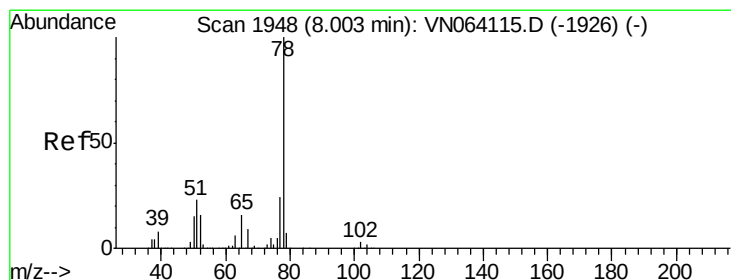
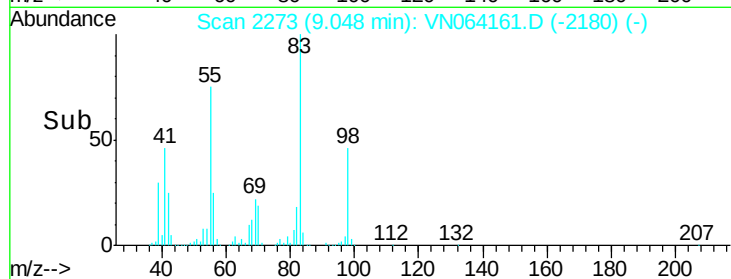
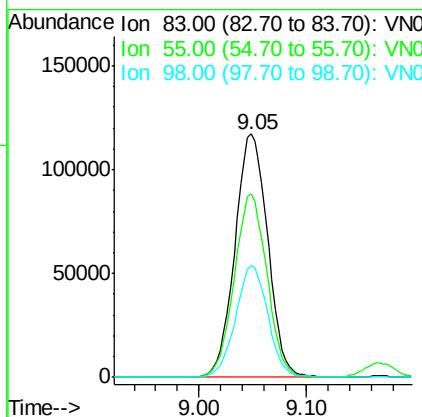
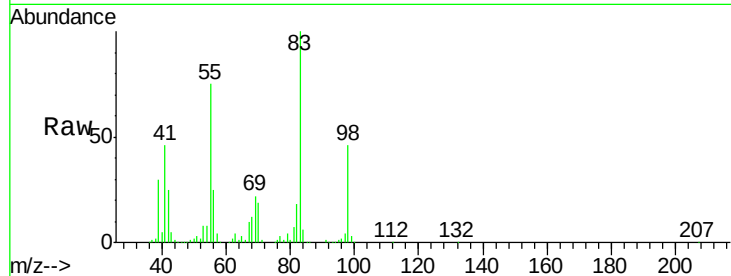
#39
Methylvlcyclohexane
Concen: 51.528 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.5	87.7
98	45.9	36.2	54.2

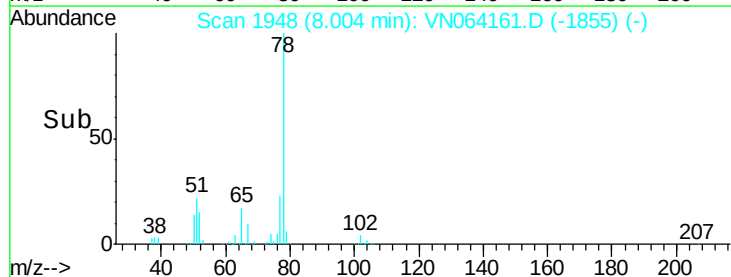
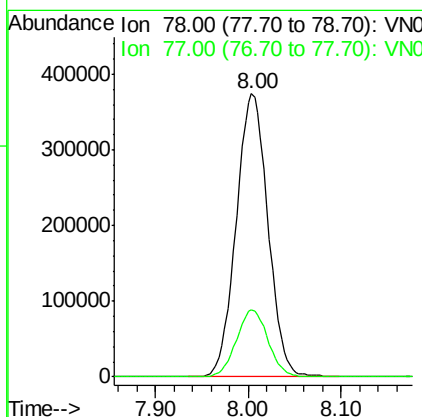
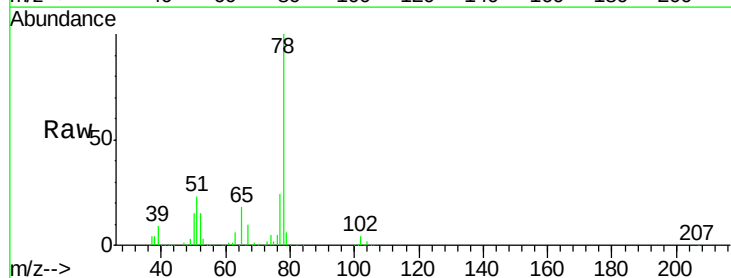
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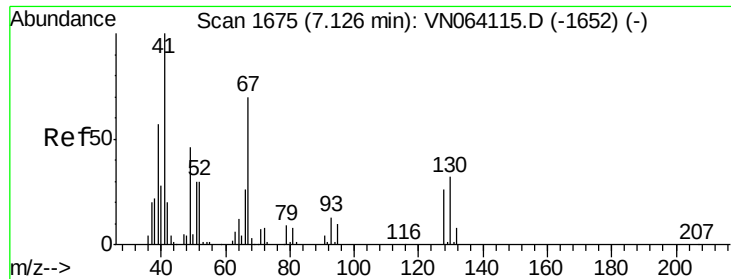
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#40
Benzene
Concen: 51.146 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





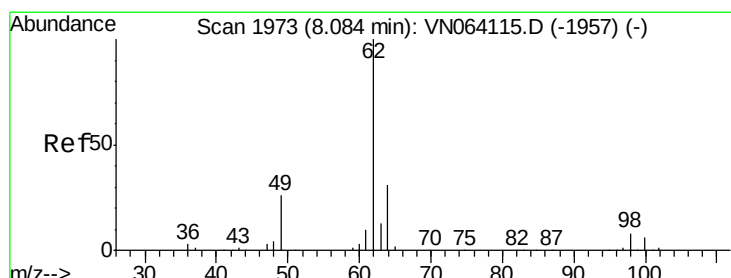
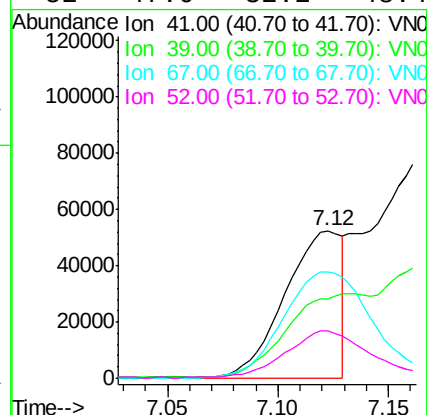
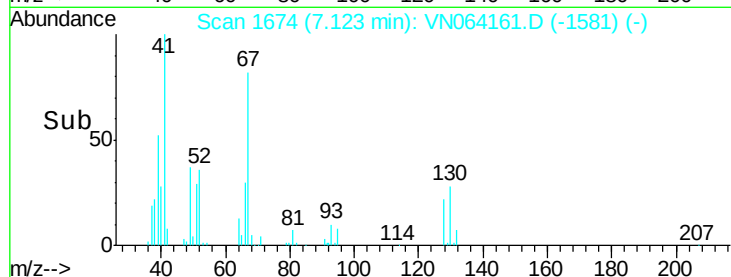
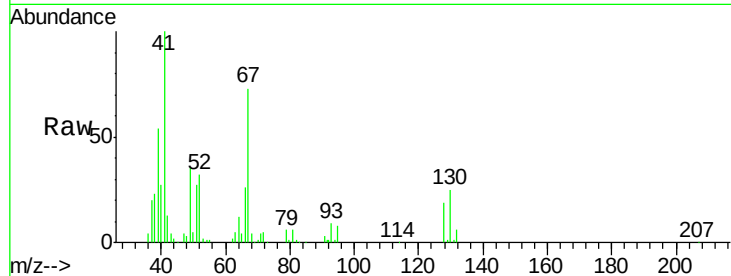
#41
Methacrylonitrile
Concen: 42.387 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	81.1	50.7	76.1#
67	116.2	73.8	110.6#
52	47.0	32.2	48.4

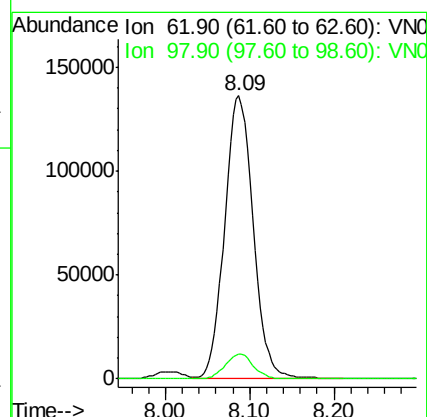
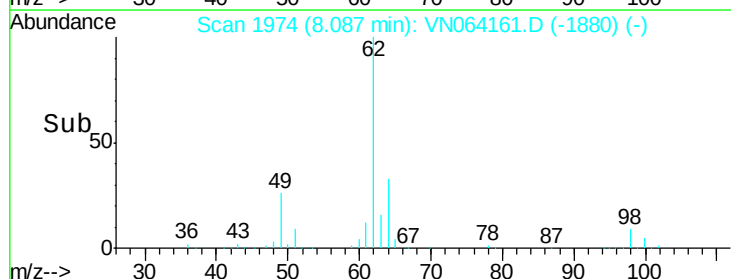
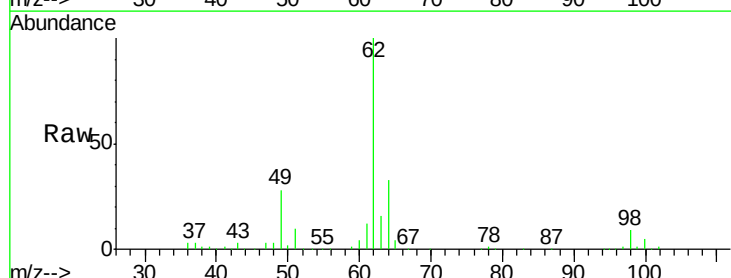
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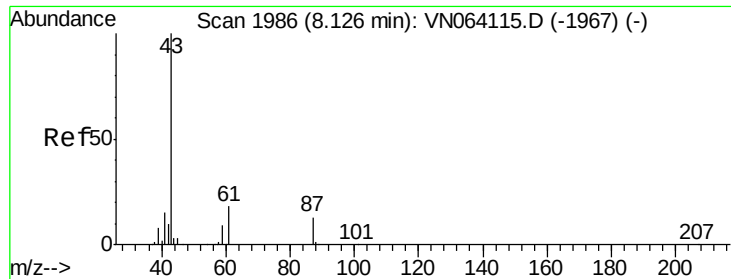
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#42
1,2-Dichloroethane
Concen: 51.764 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 50.771 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

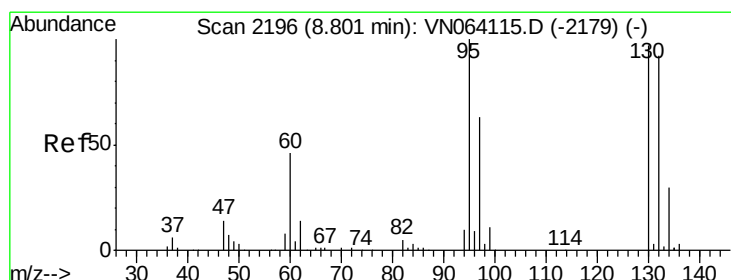
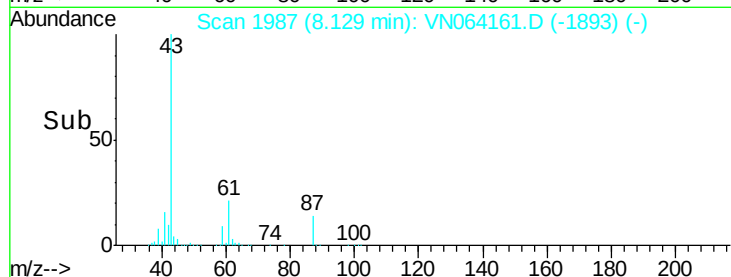
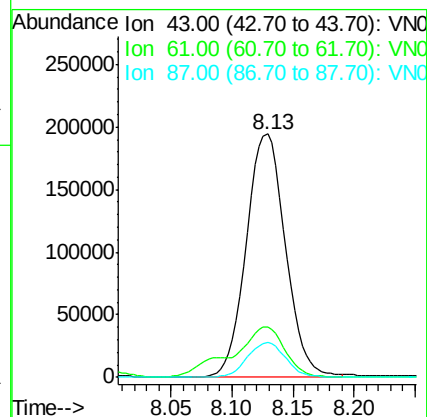
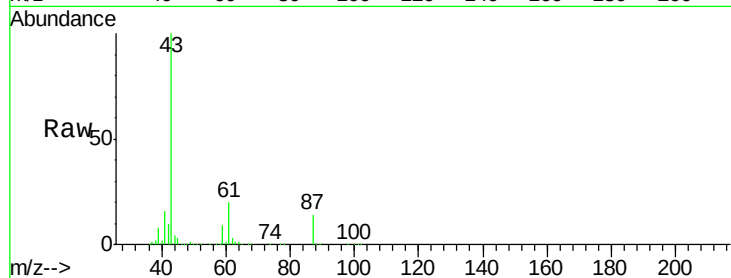
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	429365
Ion	Ratio	Lower	Upper
43	100		
61	20.9	21.9	32.9#
87	14.2	11.0	16.4

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#44

Trichloroethene

Concen: 49.760 ug/l

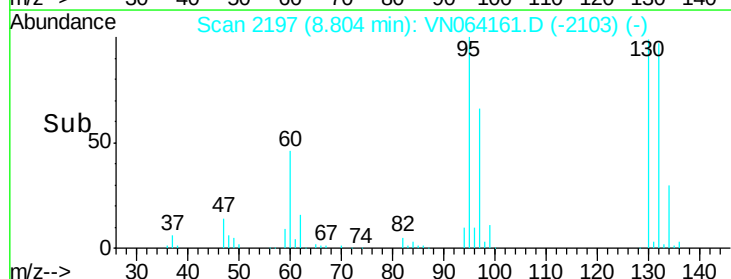
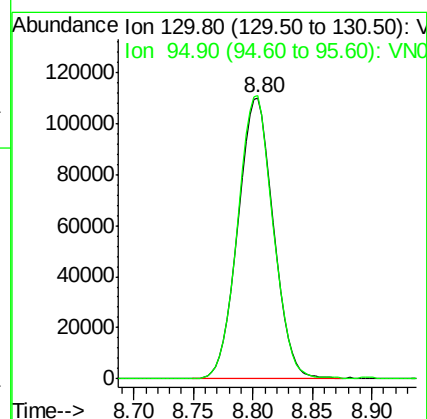
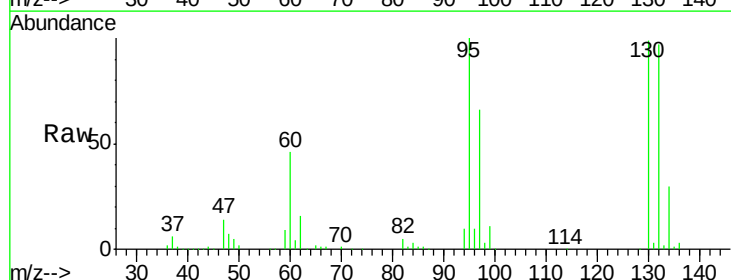
RT: 8.80 min Scan# 2197

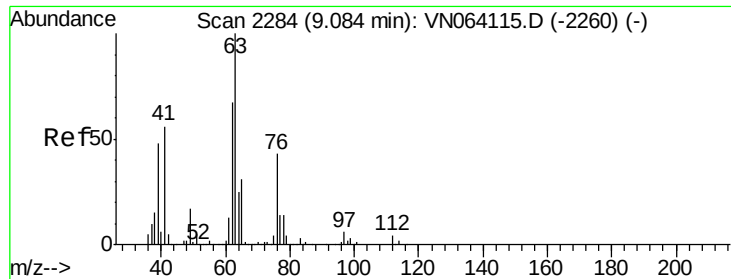
Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	130	Resp:	227540
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	206.2





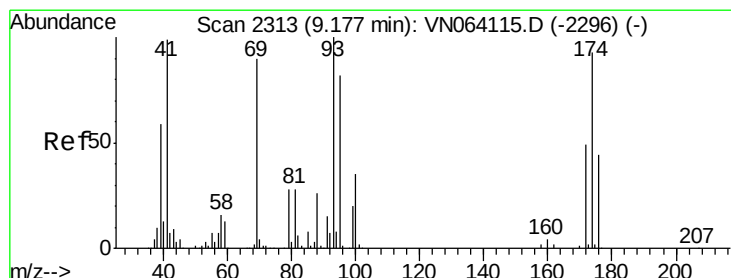
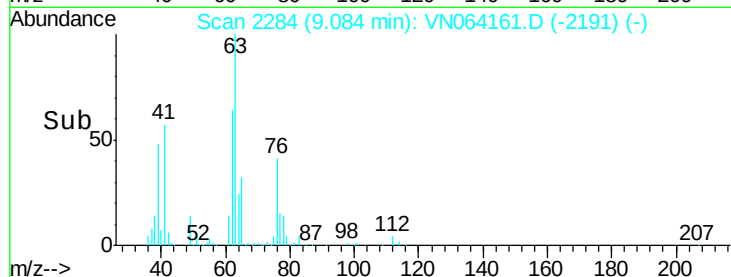
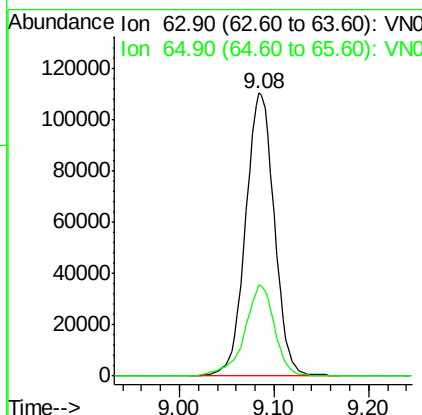
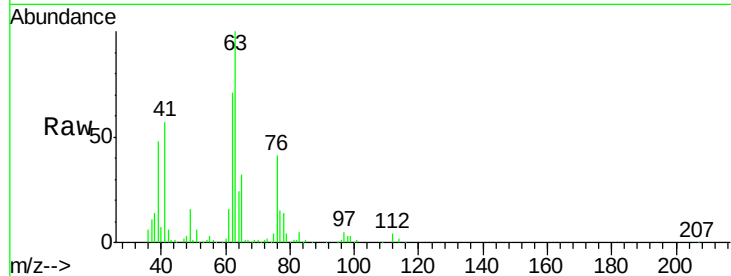
#45
 1,2-Dichloropropane
 Concen: 51.076 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.0	37.6

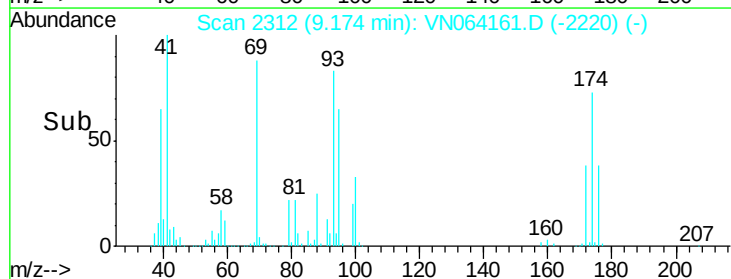
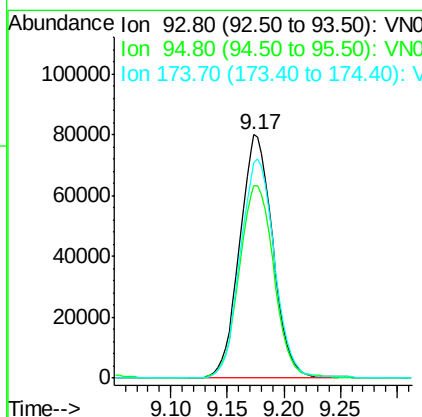
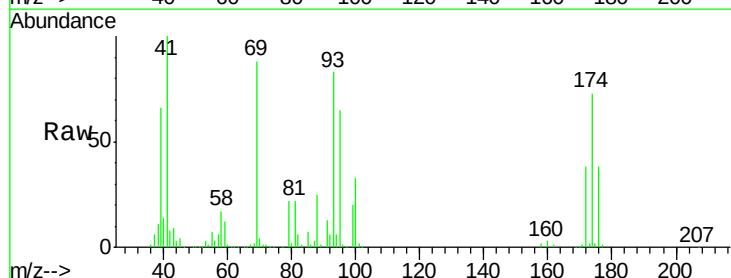
Manual Integrations
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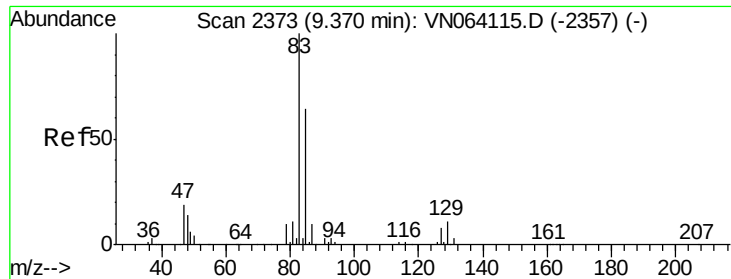
apatel
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#46
 Dibromomethane
 Concen: 50.581 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.8	100.2
174	92.7	75.2	112.8





#47

Bromodichloromethane

Concen: 51.593 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

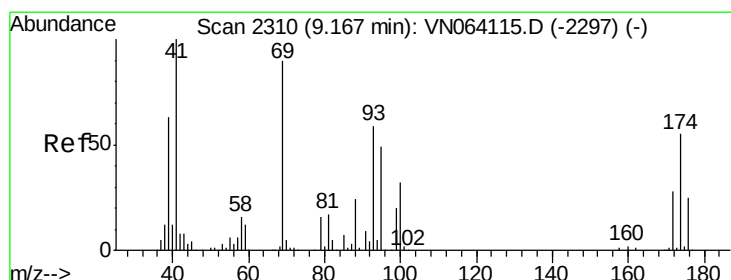
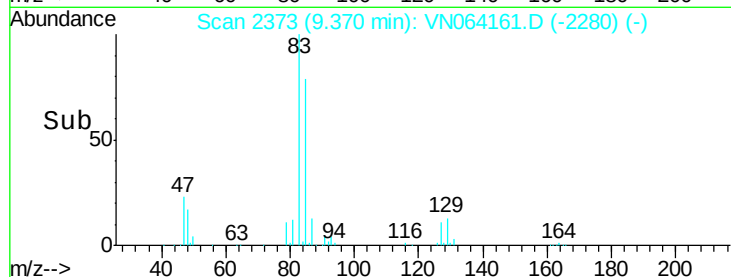
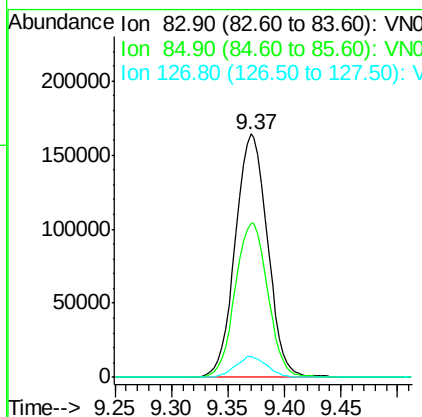
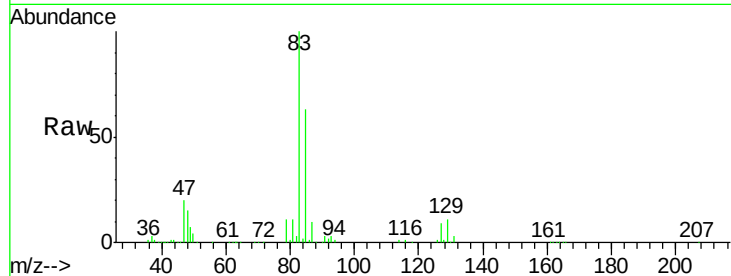
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	326290
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.8	76.2
127	8.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 54.539 ug/l

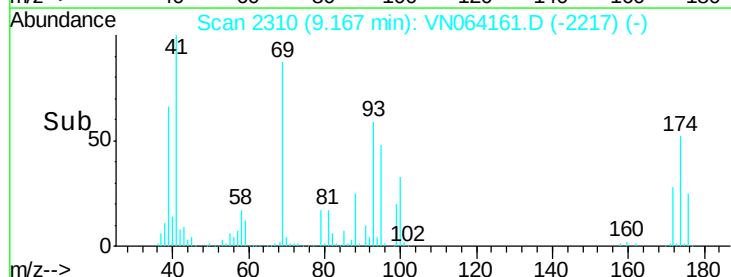
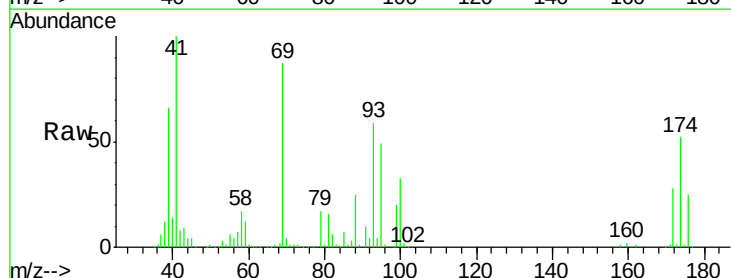
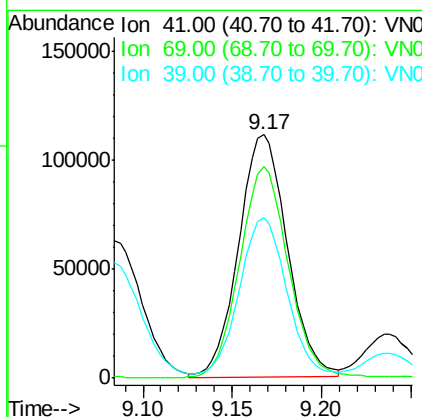
RT: 9.17 min Scan# 2310

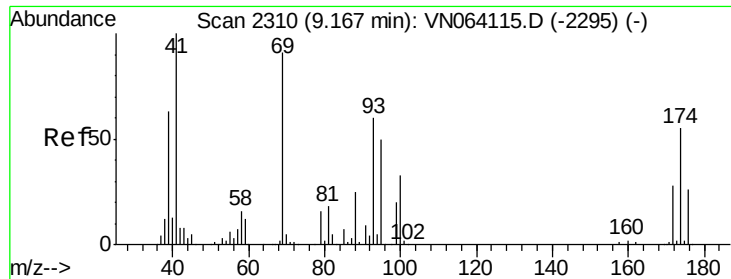
Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	41	Resp:	213050
Ion Ratio	Lower	Upper	
41	100		
69	87.4	71.4	107.2
39	64.7	52.5	78.7





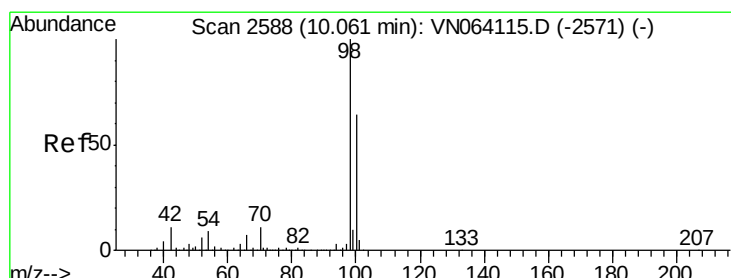
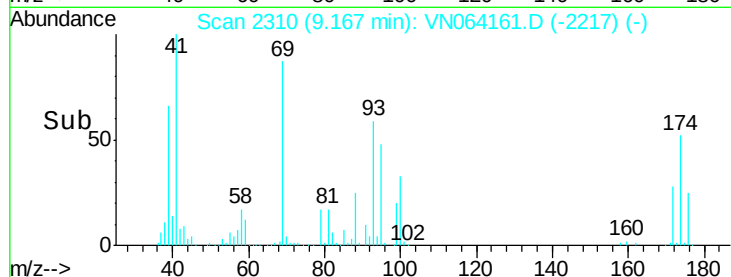
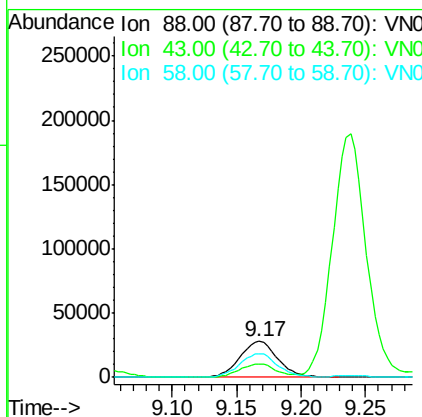
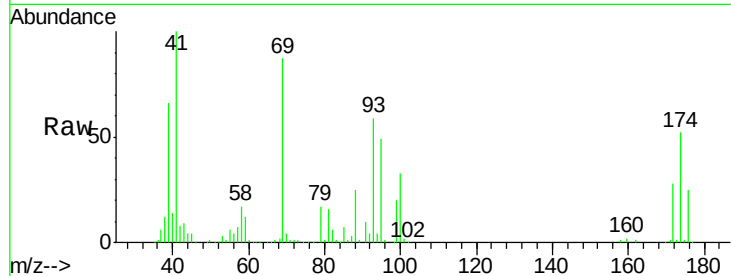
#49
1,4-Dioxane
Concen: 969.755 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	57524
Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.2	40.8
58	66.0	52.6	78.8

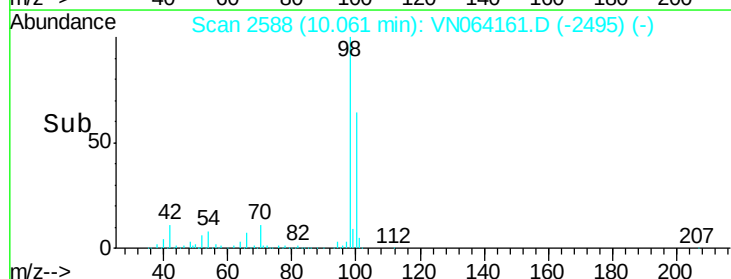
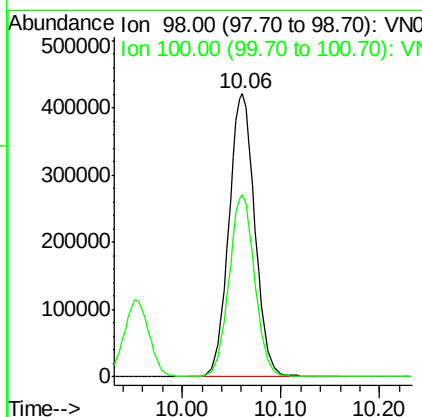
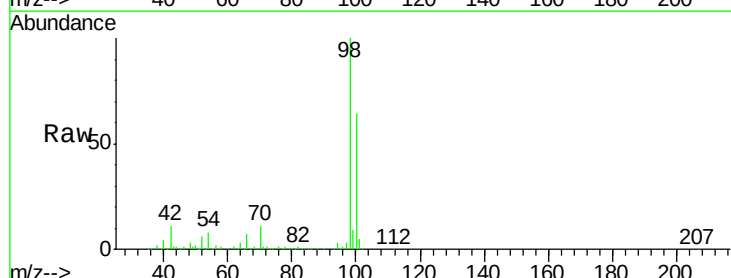
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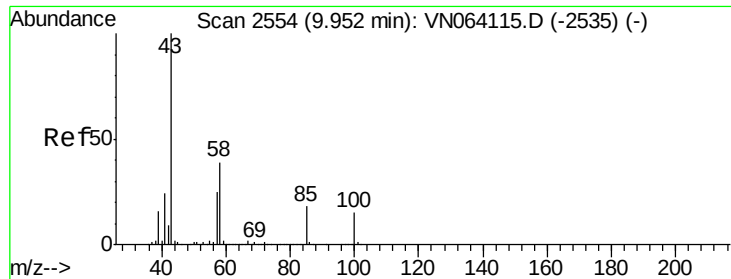
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#50
Toluene-d8
Concen: 49.693 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	98	Resp	773187
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 266.781 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1335038

Ion Ratio Lower Upper

43 100

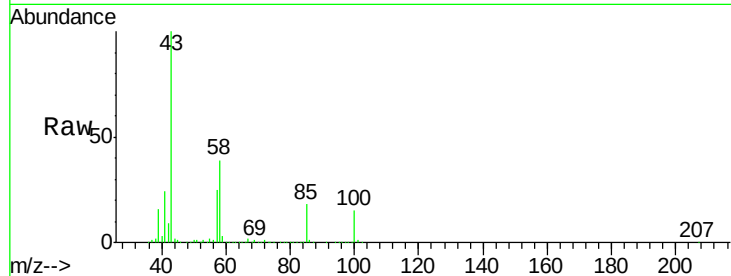
58 39.3 31.2 46.8

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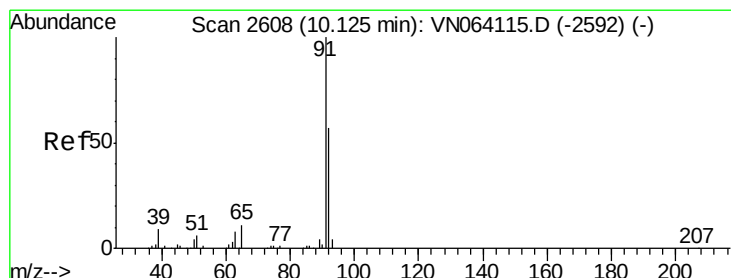
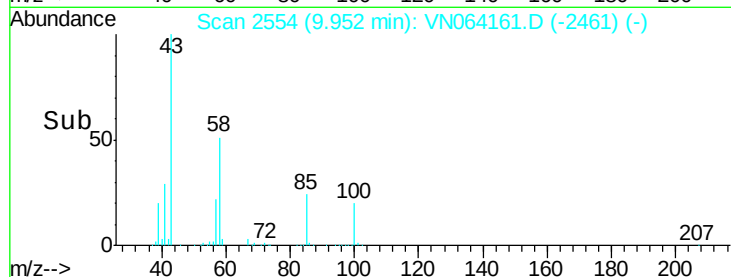
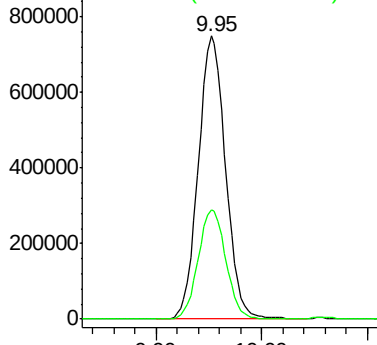
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.461 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064161.D

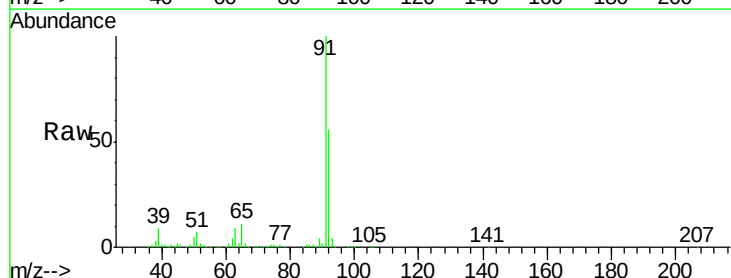
Acq: 15 Oct 2020 22:19

Tgt Ion: 92 Resp: 560556

Ion Ratio Lower Upper

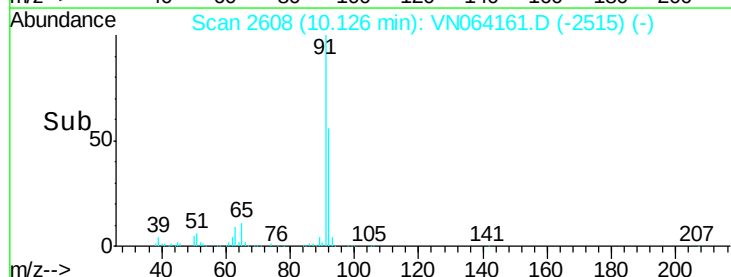
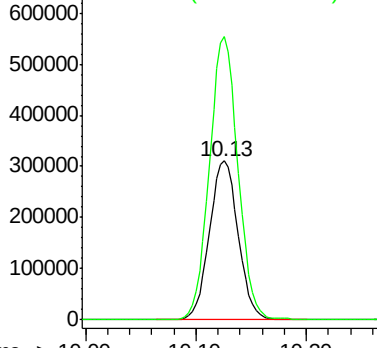
92 100

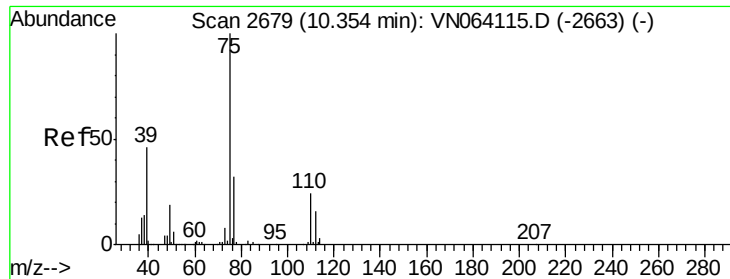
91 177.0 141.2 211.8



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: 52.794 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 342578

Ion Ratio Lower Upper

75 100

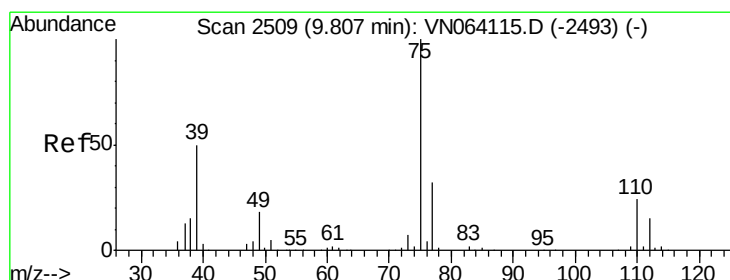
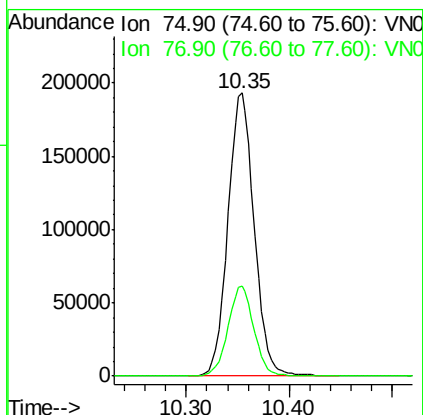
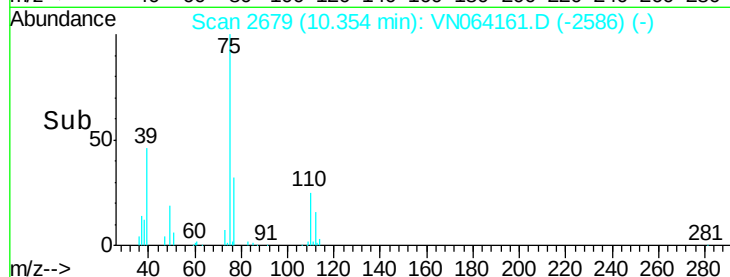
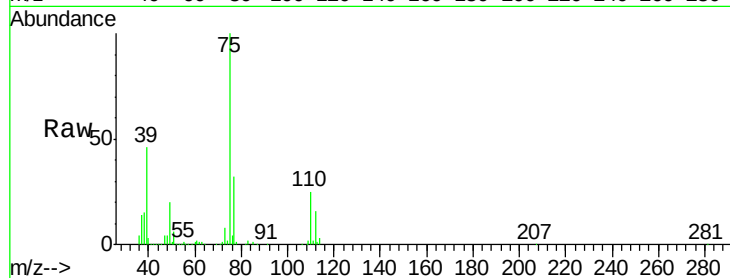
77 32.0 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 51.245 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

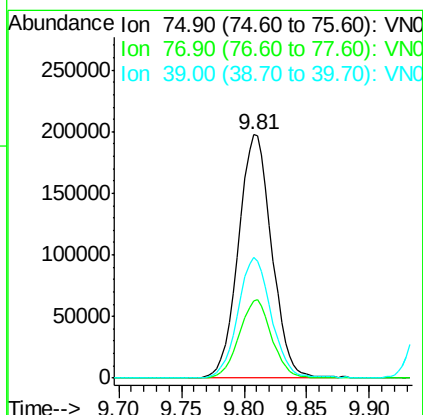
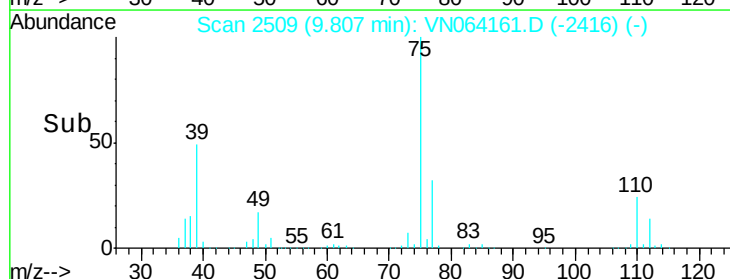
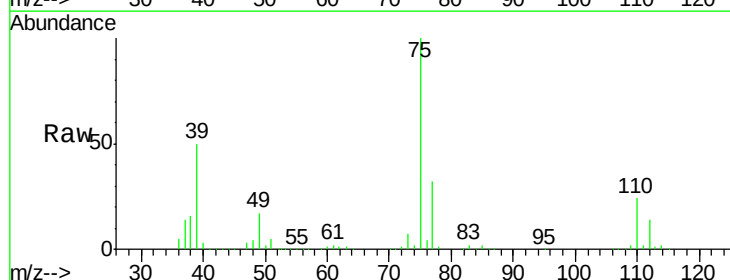
Tgt Ion: 75 Resp: 365373

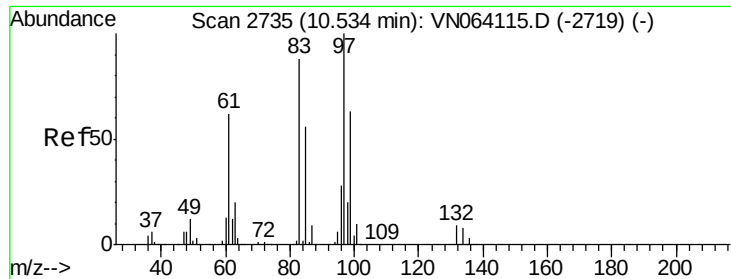
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 49.4 39.8 59.8





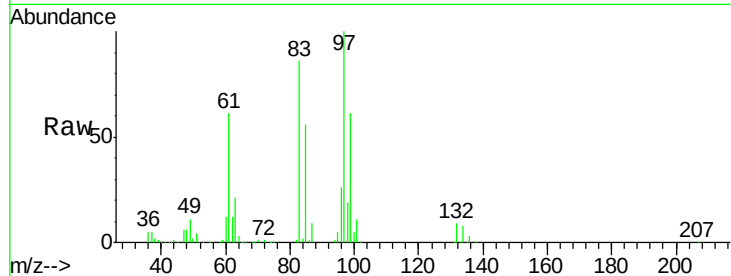
#55
 1,1,2-Trichloroethane
 Concen: 52.394 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	231929
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.4
85	56.4	45.0	67.6
99	61.0	50.7	76.1

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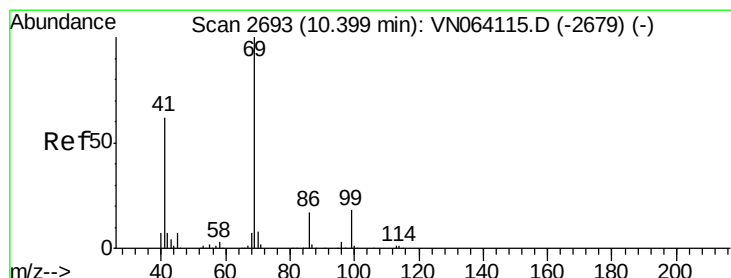
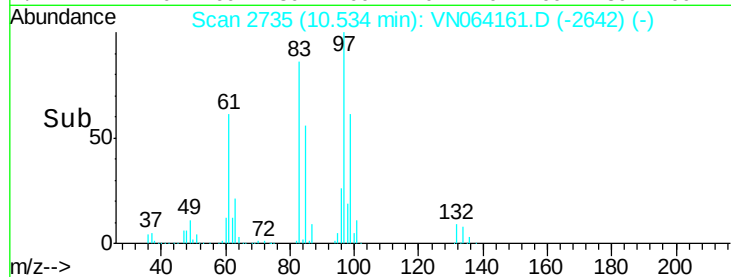
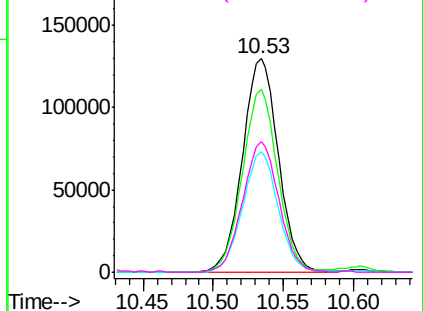


Abundance Ion 96.90 (96.60 to 97.60): VN064161.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064161.D (-2642) (-)

Ion 84.90 (84.60 to 85.60): VN064161.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064161.D (-2642) (-)



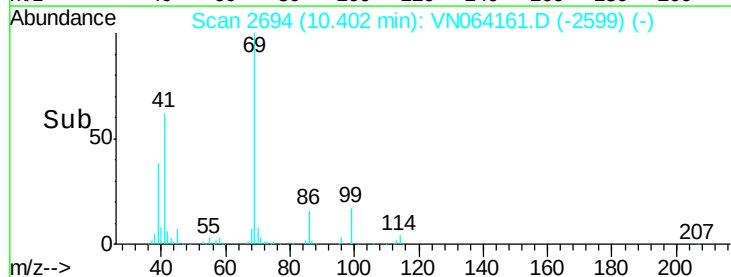
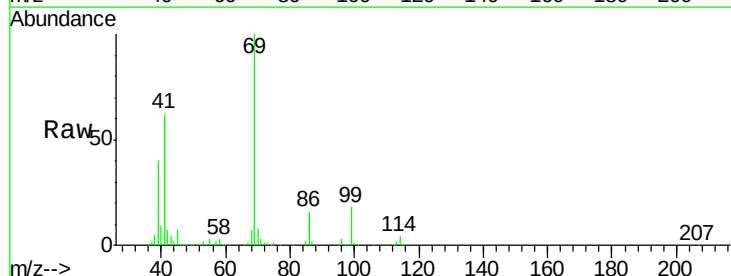
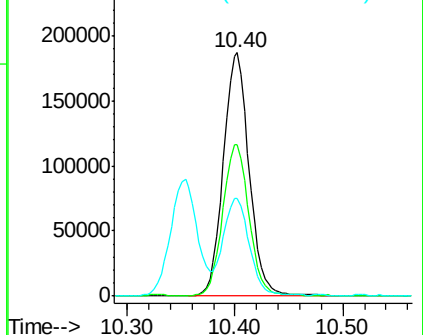
#56
 Ethyl methacrylate
 Concen: 48.596 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

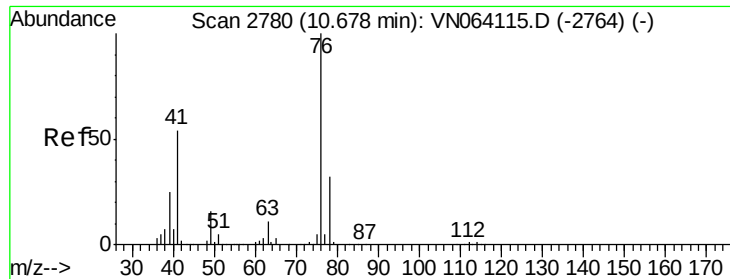
Tgt Ion:	69	Resp:	311257
Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.3	73.9
39	41.0	32.7	49.1

Abundance Ion 69.00 (68.70 to 69.70): VN064161.D (-2599) (-)

Ion 41.00 (40.70 to 41.70): VN064161.D (-2599) (-)

Ion 39.00 (38.70 to 39.70): VN064161.D (-2599) (-)





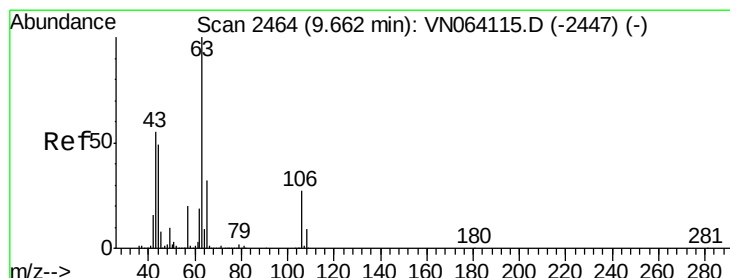
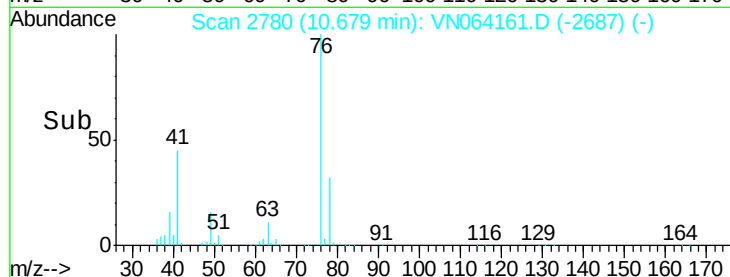
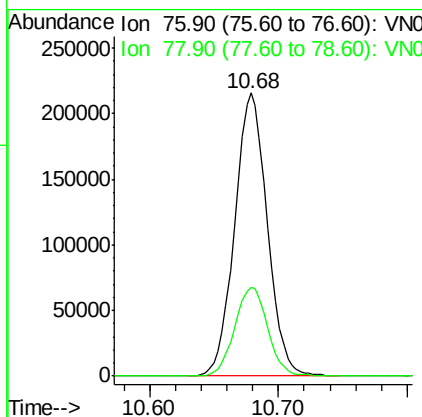
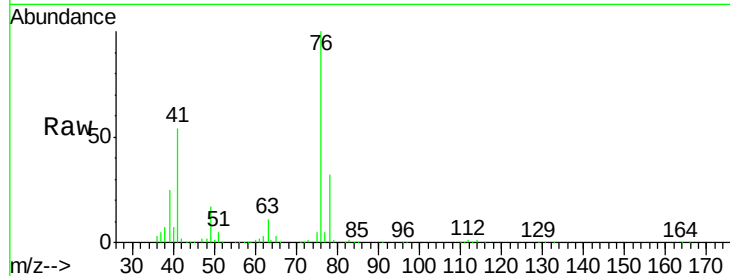
#57
 1,3-Dichloropropane
 Concen: 51.946 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.1	39.1

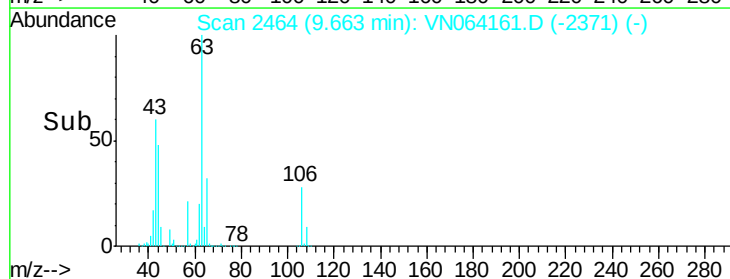
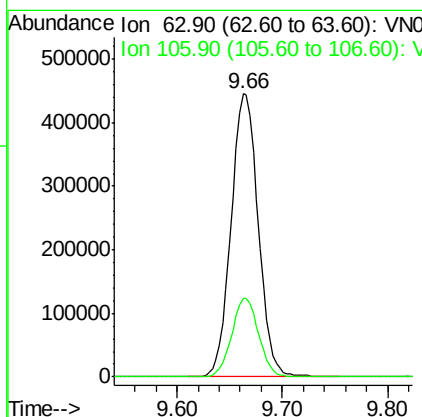
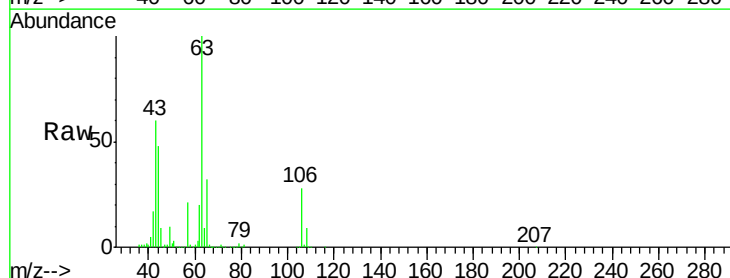
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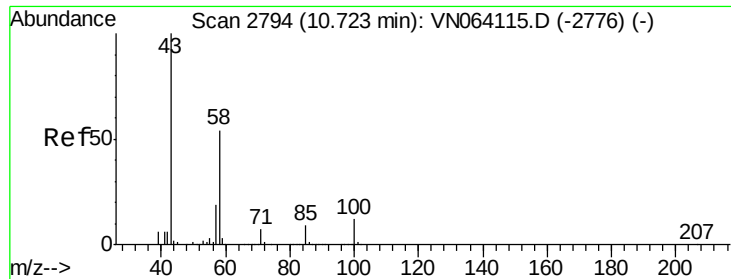
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#58
 2-Chloroethyl Vinyl ether
 Concen: 243.550 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.8	32.6





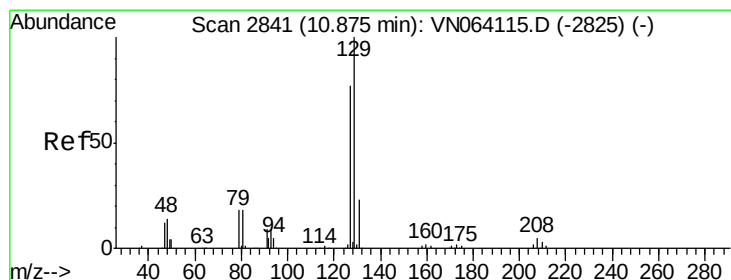
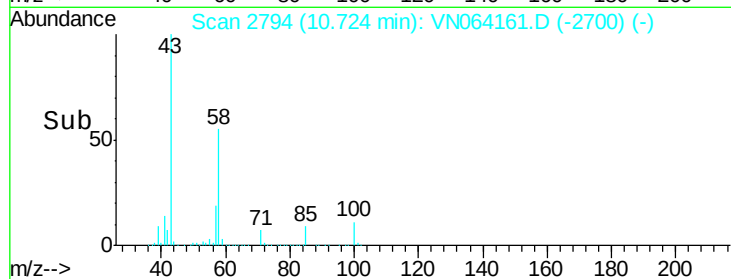
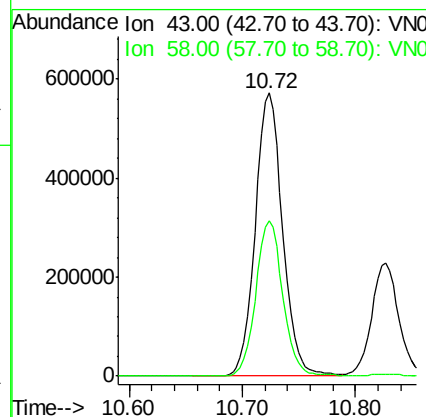
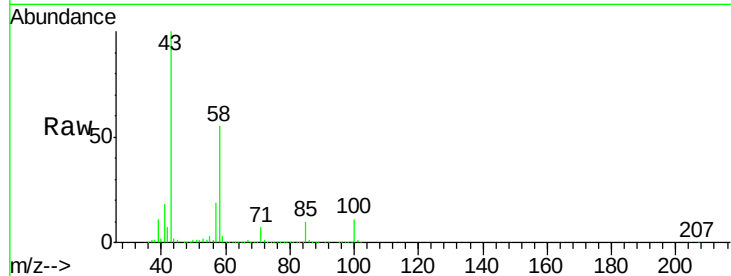
#59
2-Hexanone
Concen: 247.739 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	958025
Ion Ratio	100	Lower	Upper
43	100		
58	54.6	27.2	81.6

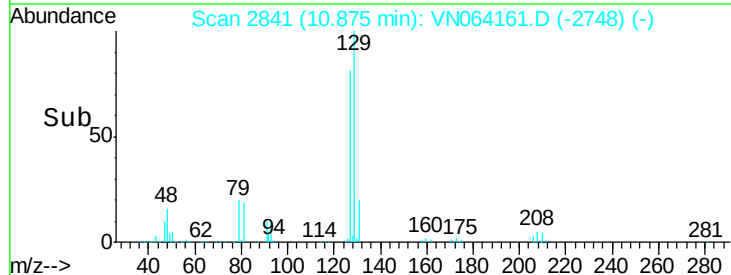
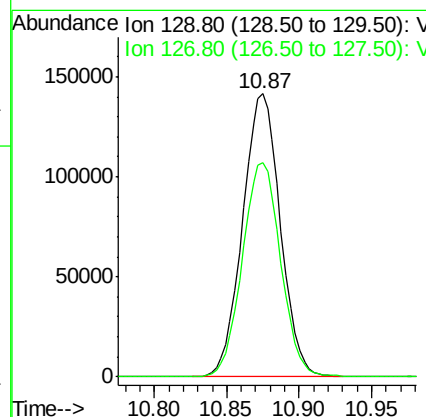
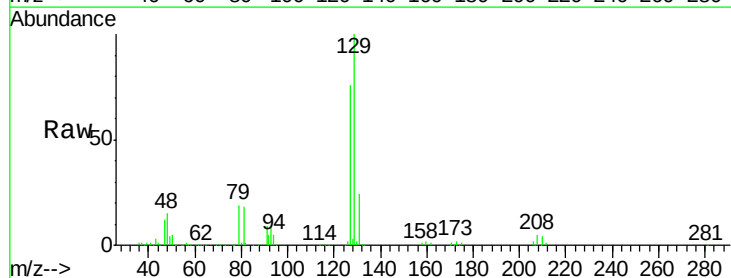
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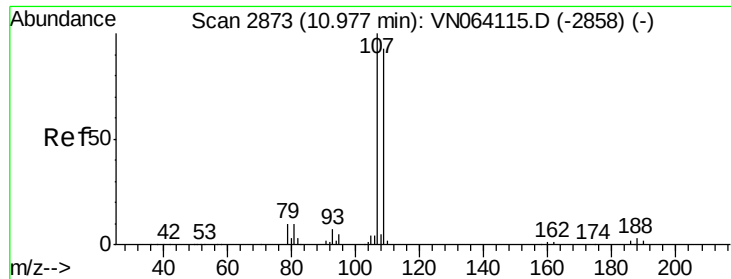
apatel
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#60
Dibromochloromethane
Concen: 51.569 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	129	Resp	256424
Ion Ratio	100	Lower	Upper
129	100		
127	77.0	38.2	114.6





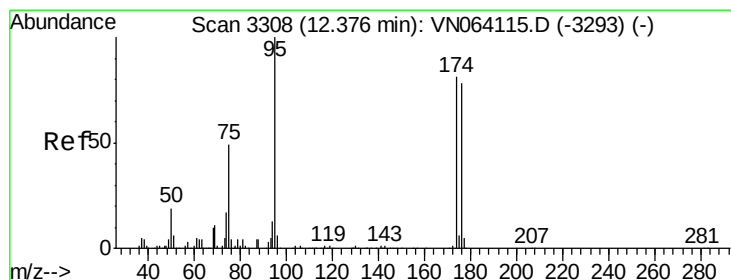
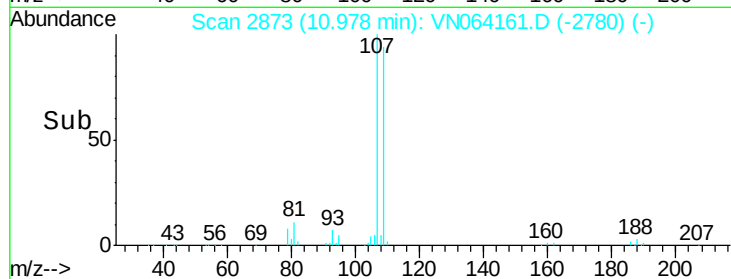
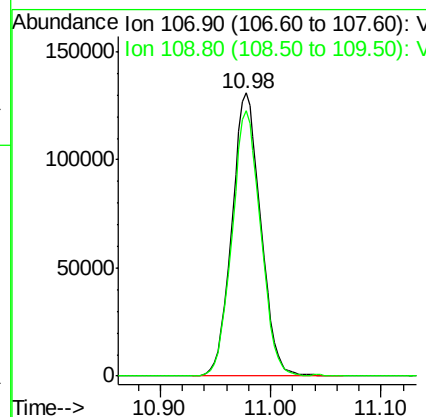
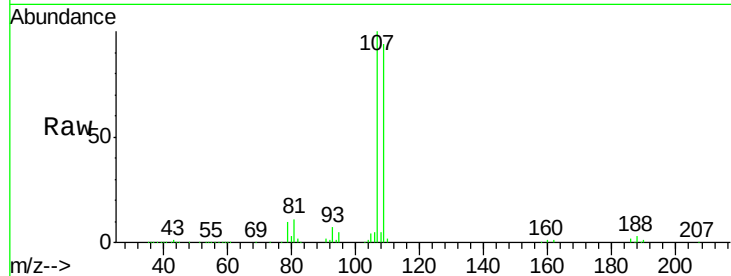
#61
 1,2-Dibromoethane
 Concen: 52.574 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.2	112.8

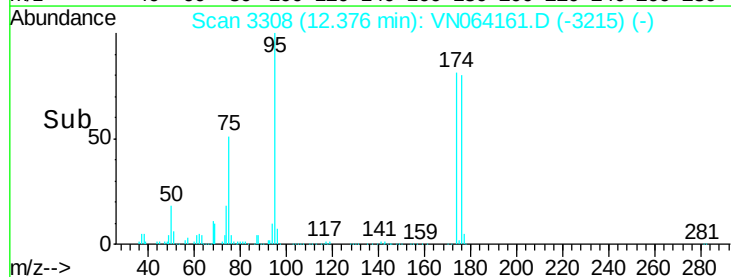
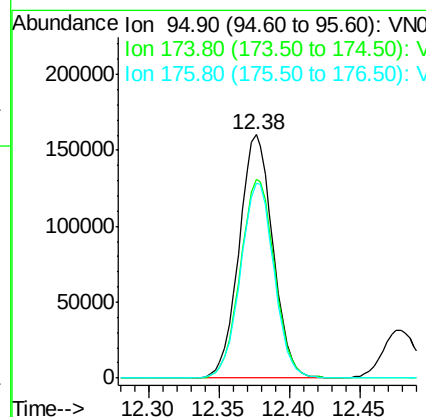
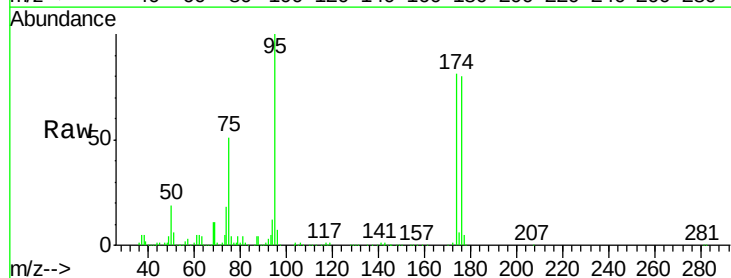
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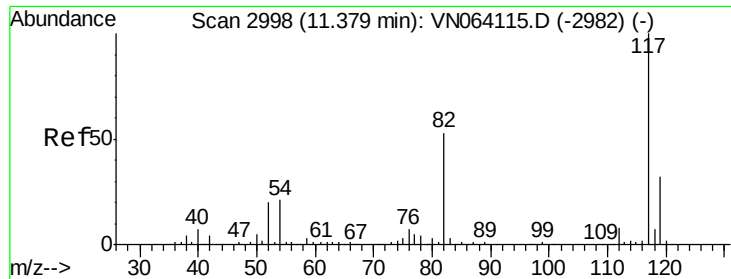
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.376 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	164.8
176	79.6	0.0	157.8





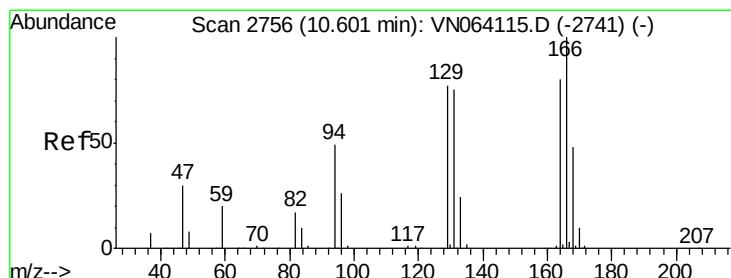
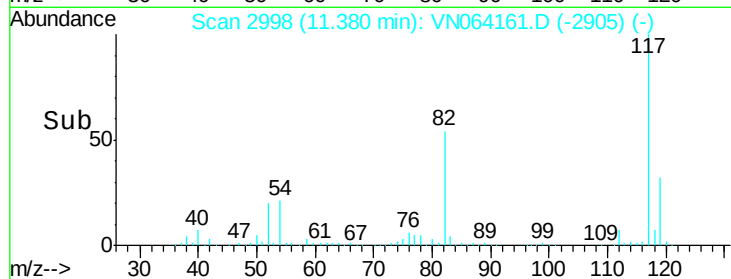
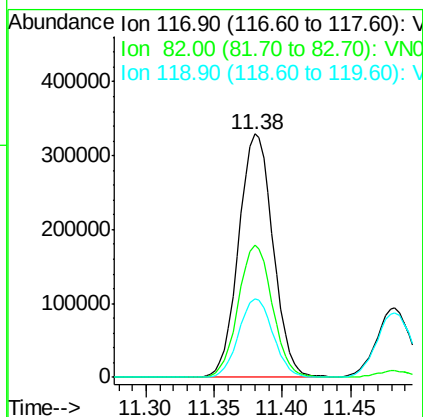
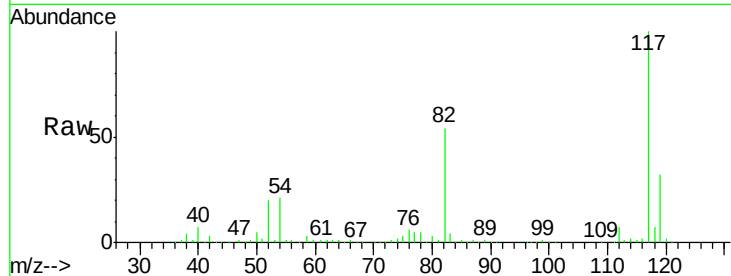
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.6	63.8
119	32.4	25.5	38.3

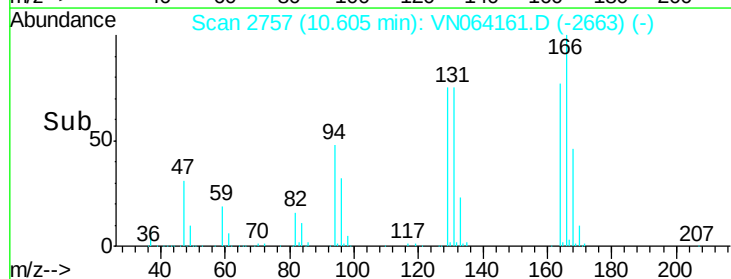
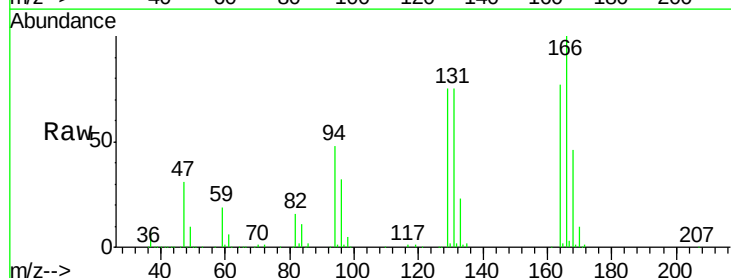
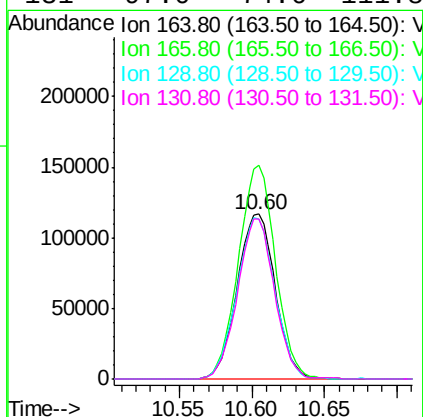
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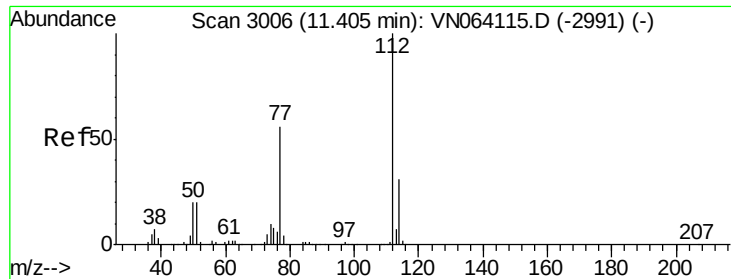
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#64
Tetrachloroethene
Concen: 48.942 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	99.7	149.5
129	97.1	77.0	115.4
131	97.0	74.6	111.8





#65

Chlorobenzene

Concen: 50.376 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 612817

Ion Ratio Lower Upper

112 100

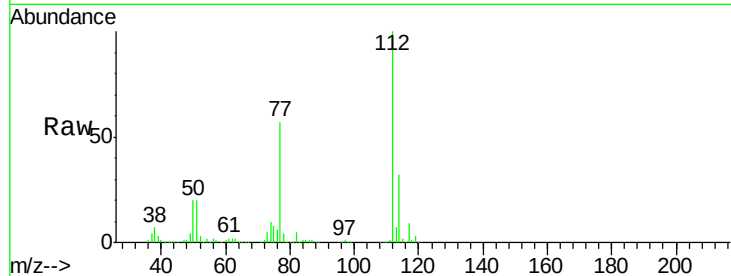
114 31.7 24.6 37.0

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

400000

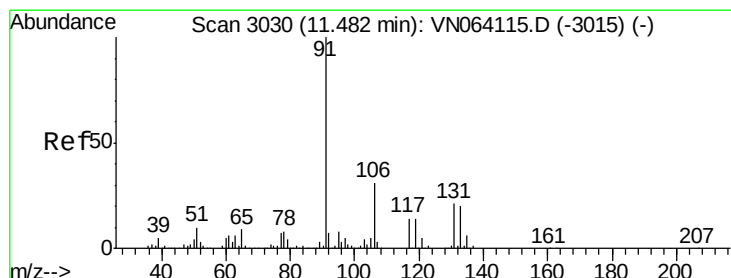
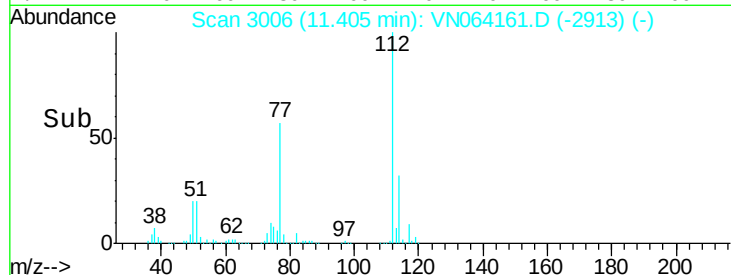
300000

200000

100000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 51.091 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

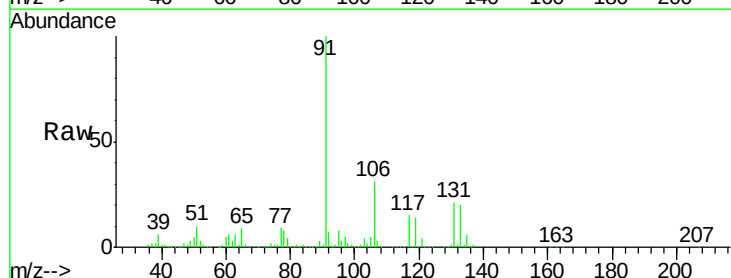
Tgt Ion:131 Resp: 235965

Ion Ratio Lower Upper

131 100

133 96.3 47.3 141.9

119 65.8 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

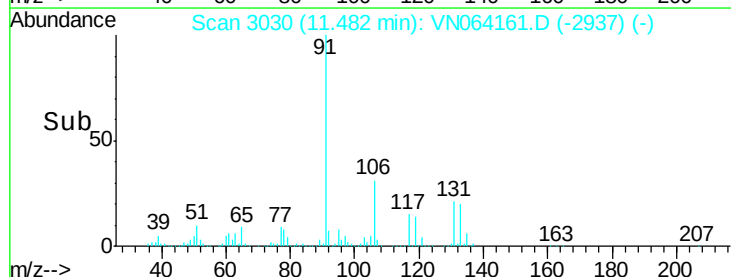
150000

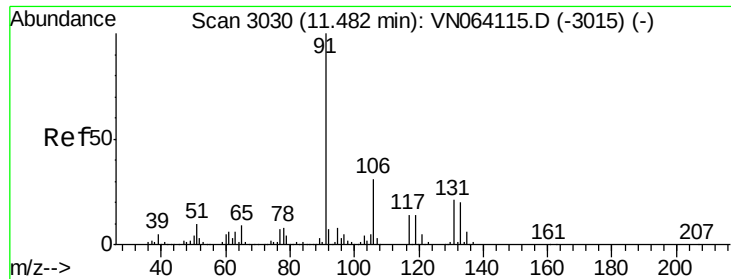
100000

50000

0

Time--> 11.40 11.50





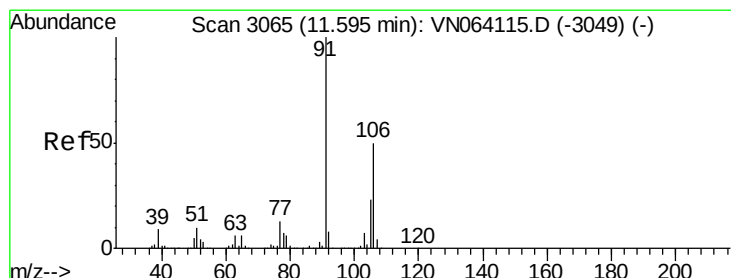
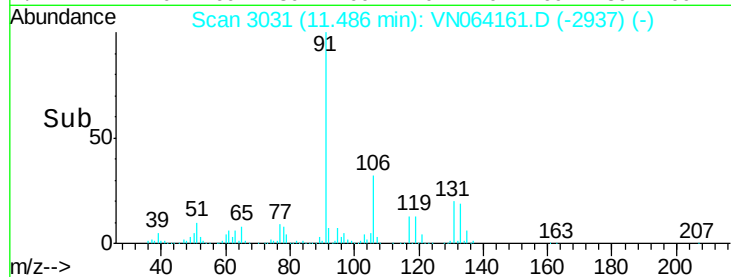
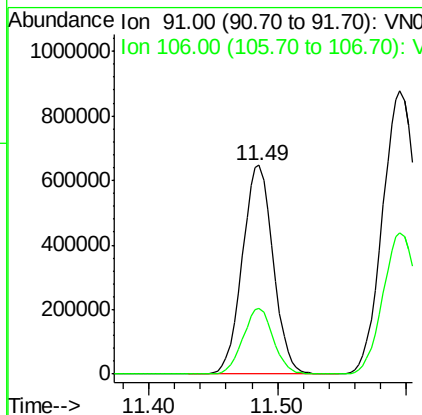
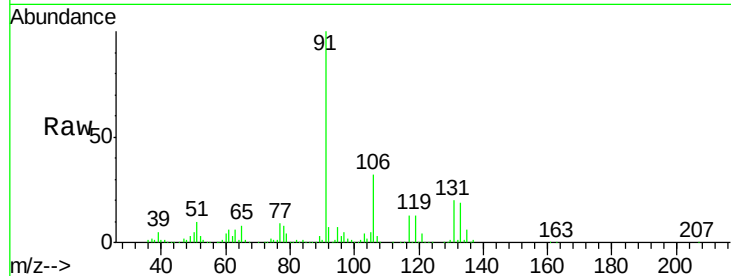
#67
Ethyl Benzene
Concen: 52.930 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1078602
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1

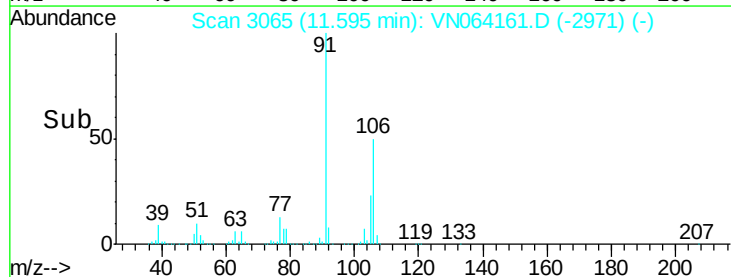
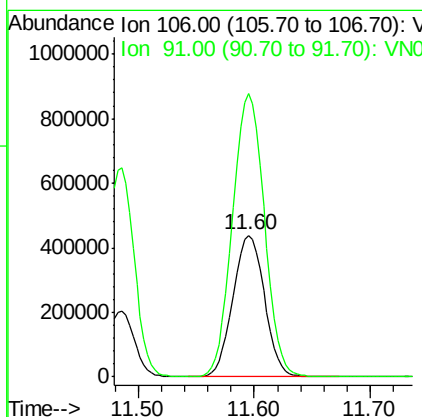
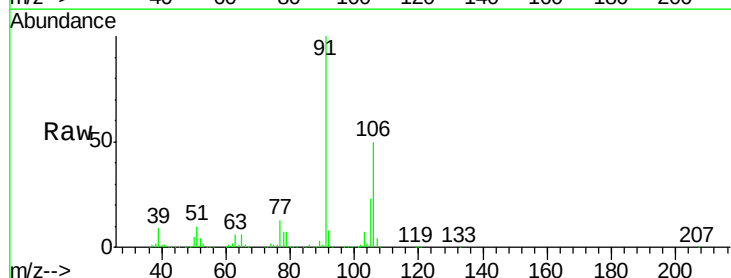
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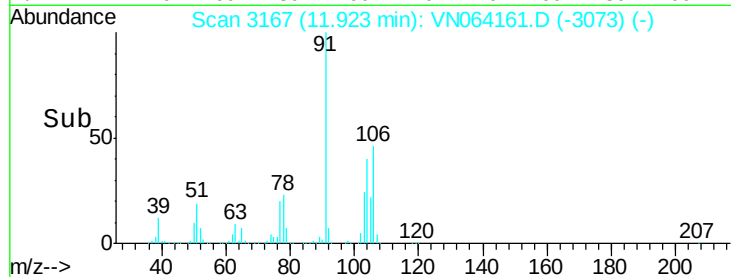
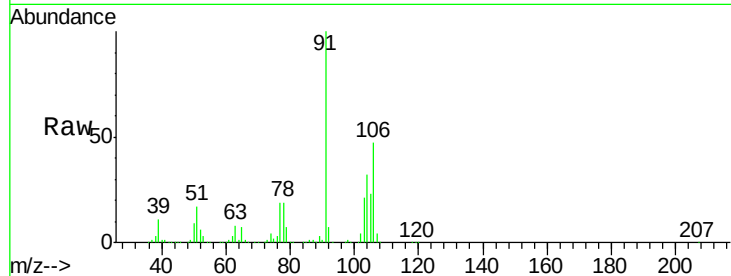
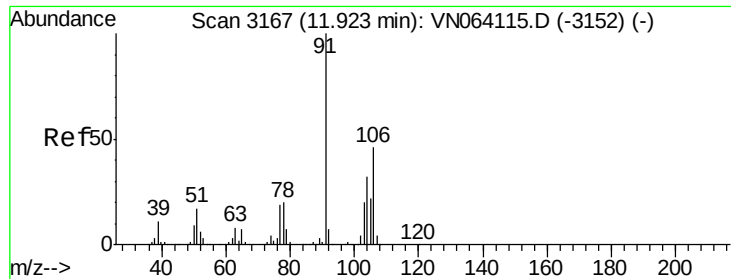
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#68
m/p-Xylenes
Concen: 98.403 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 106 Resp: 826350
Ion Ratio Lower Upper
106 100
91 201.6 162.1 243.1





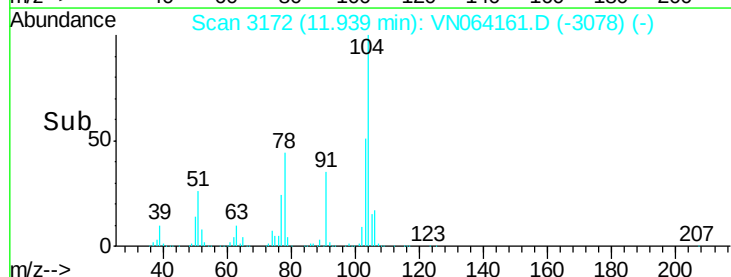
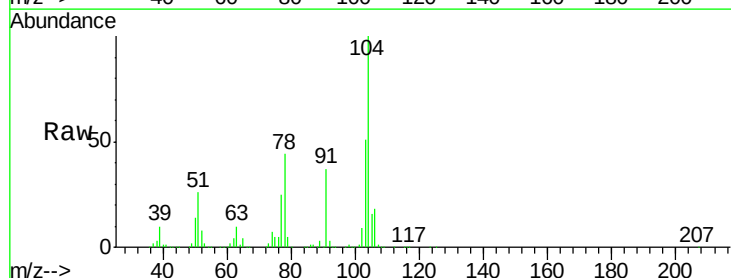
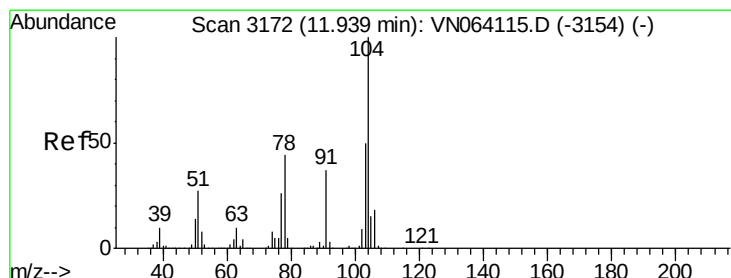
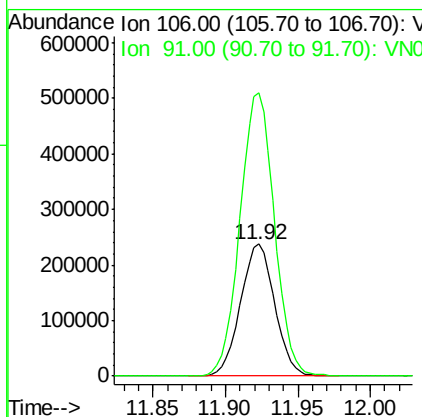
#69
o-Xylene
Concen: 48.497 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tot Ion	Ratio	Resp	Lower	Upper
106	100	389448		
91	215.7	107.6	322.8	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

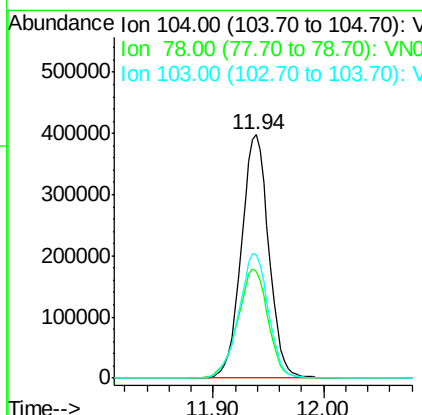
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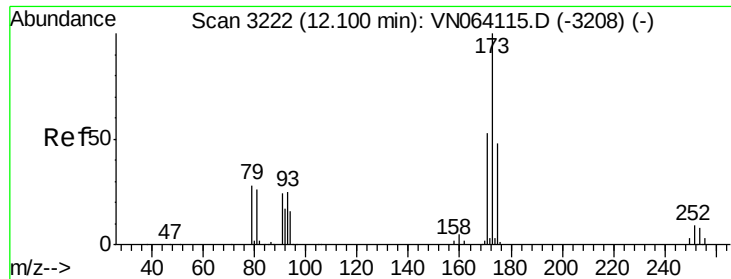
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#70
Styrene
Concen: 49.456 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	685199		
78	49.4	39.7	59.5	
103	55.1	44.2	66.2	





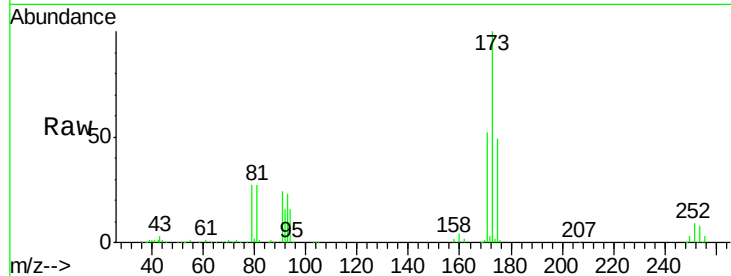
#71
Bromoform
Concen: 47.849 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

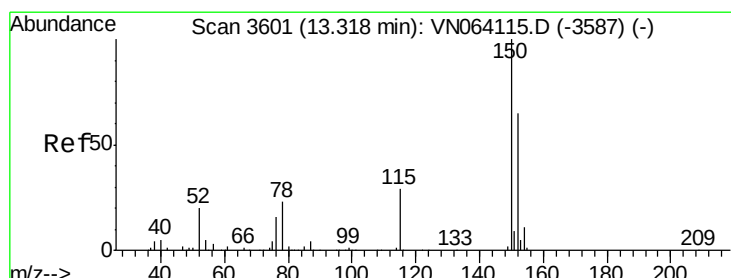
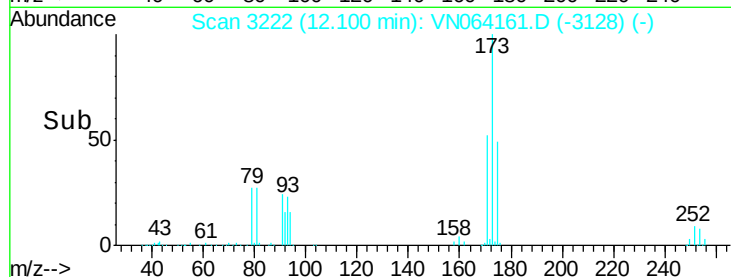
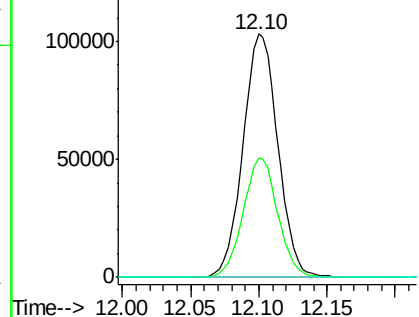
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.4	70.2
254	0.1	0.1	0.1

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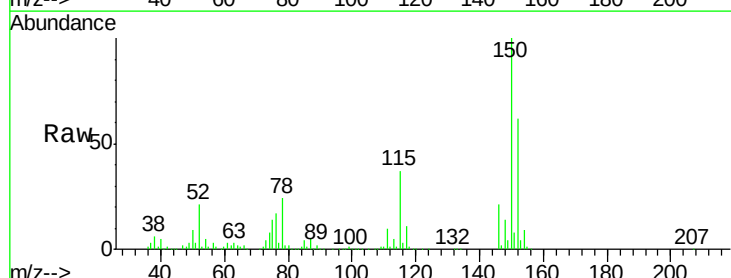


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

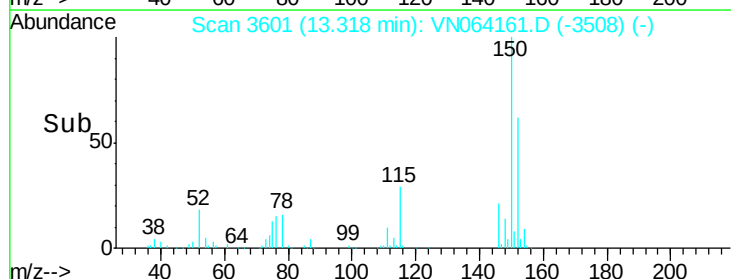
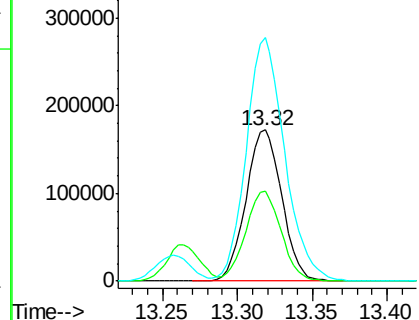


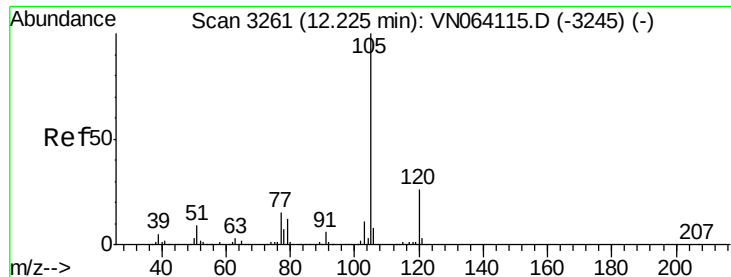
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	87.8
150	172.3	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: 48.919 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1019055

Ion Ratio Lower Upper

105 100

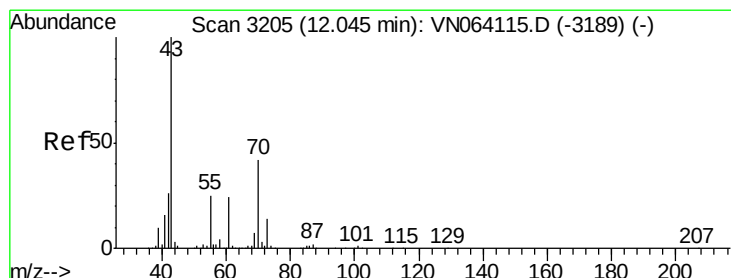
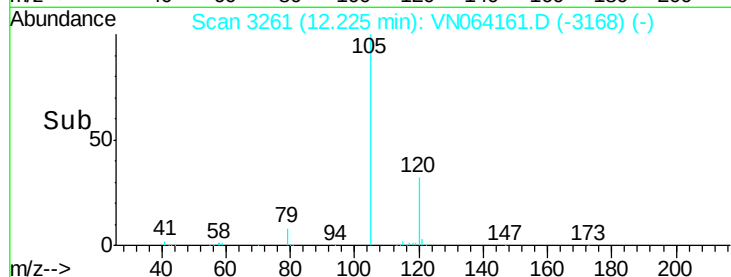
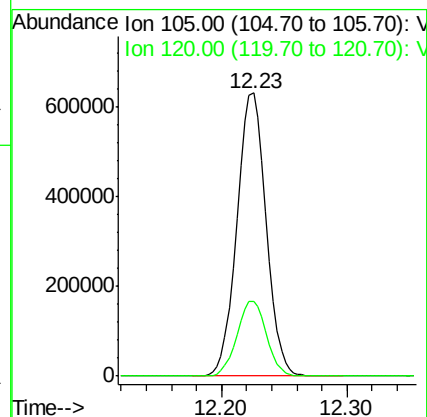
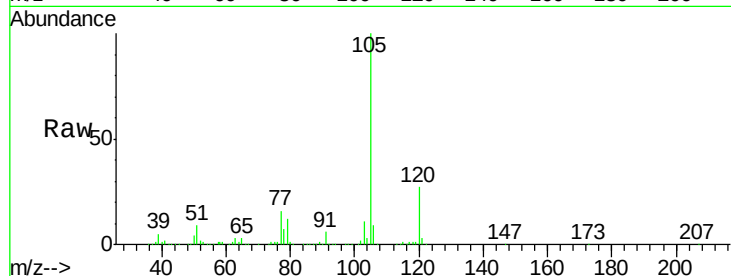
120 26.8 13.2 39.5

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#74

N-ethyl acetate

Concen: 49.861 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion: 43 Resp: 388975

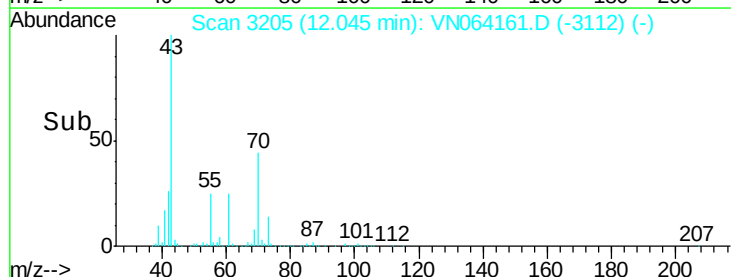
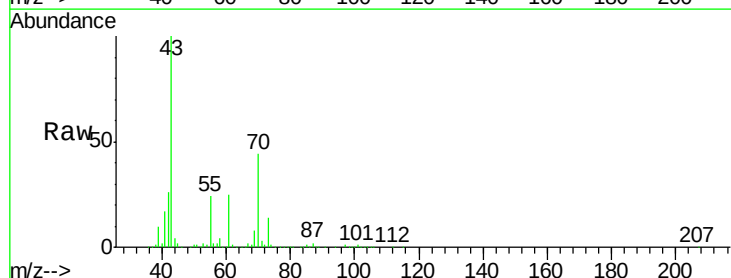
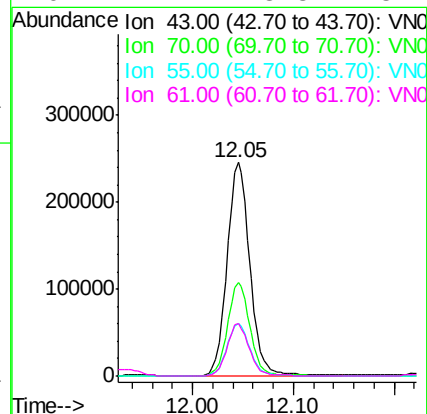
Ion Ratio Lower Upper

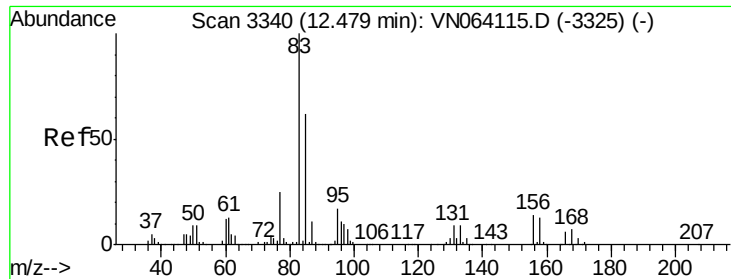
43 100

70 43.1 33.2 49.8

55 25.0 19.9 29.9

61 24.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.612 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

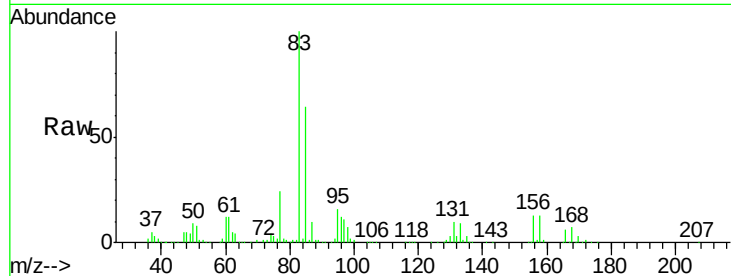
ClientSampleId :

VSTDCCC050EC

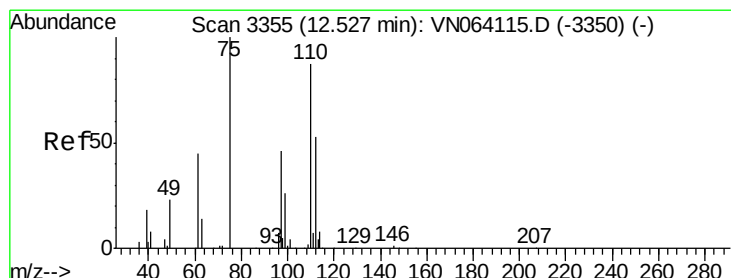
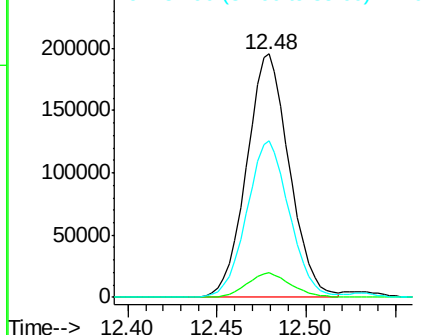
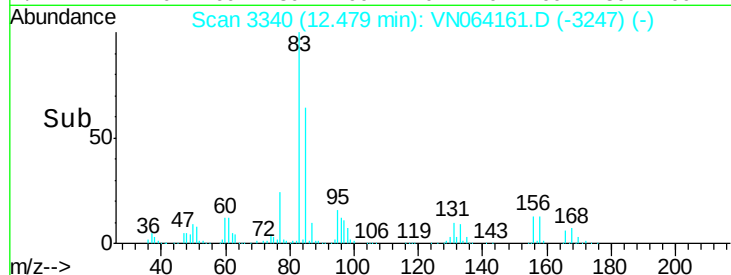
Tot Ion:	83	Resp:	327136
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	64.1	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VN064161.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 43.152 ug/l m

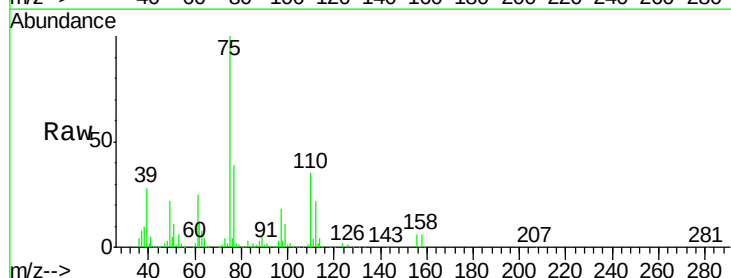
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

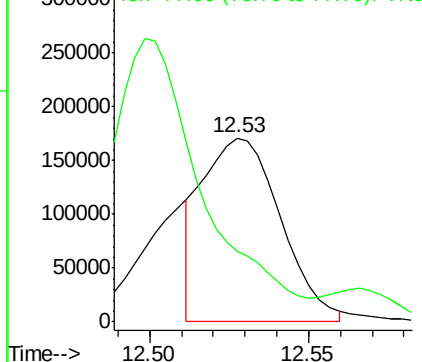
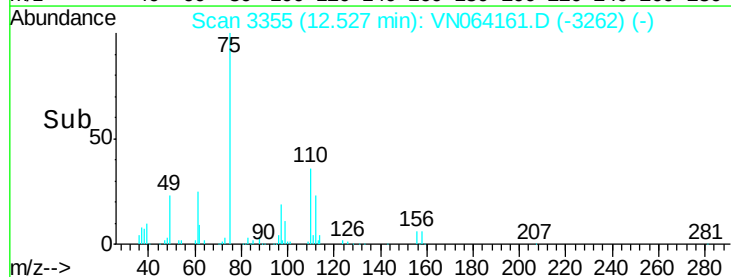
Lab File: VN064161.D

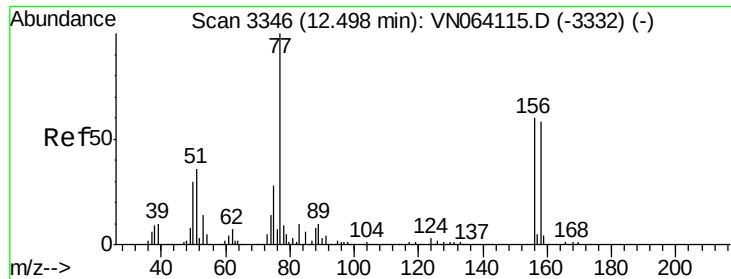
Acq: 15 Oct 2020 22:19

Tgt Ion:	75	Resp:	291145
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064161.D (-3262) (-)





#77

Bromobenzene

Concen: 47.868 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

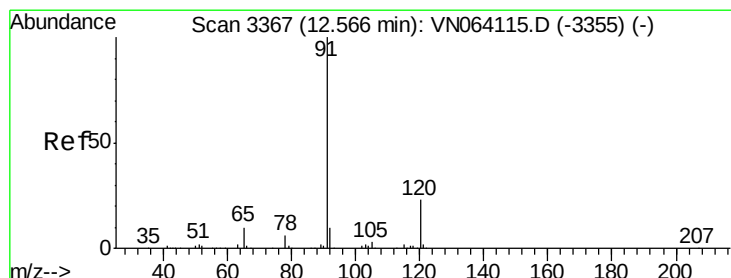
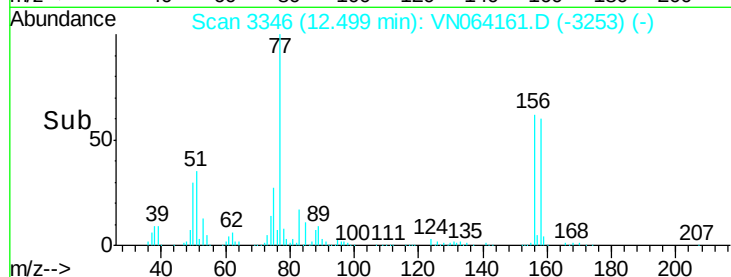
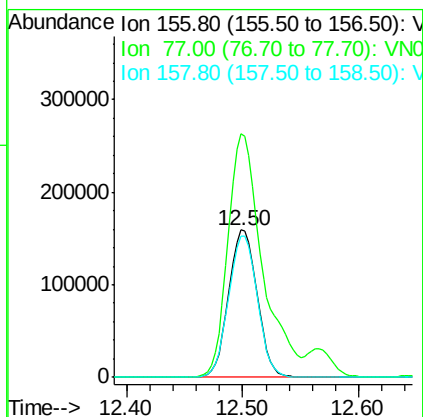
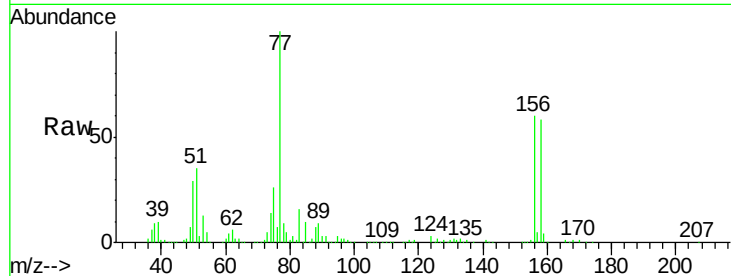
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	270707
Ion Ratio	Lower	Upper	
156	100		
77	198.9	99.3	297.9
158	96.9	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 50.376 ug/l

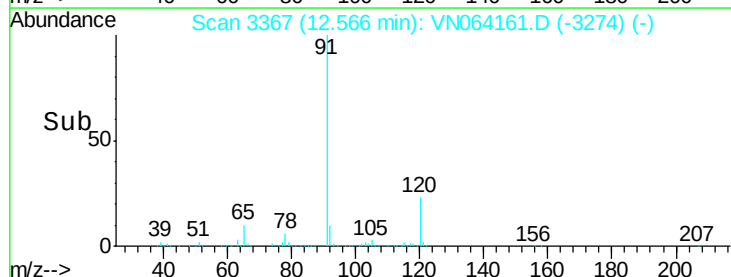
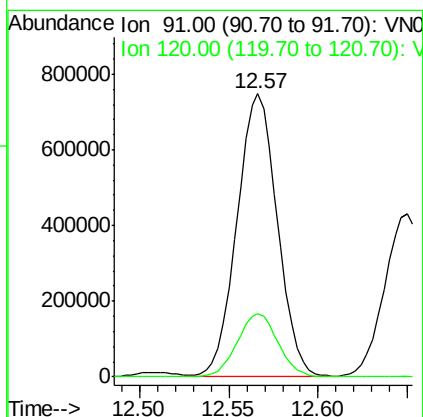
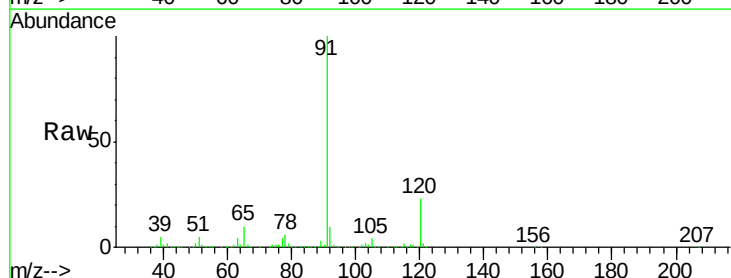
RT: 12.57 min Scan# 3367

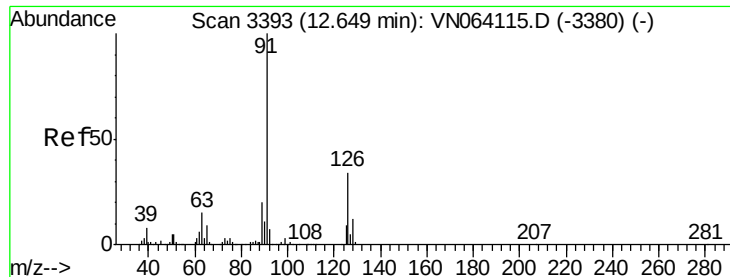
Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	91	Resp:	1171258
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.5





#79

2-Chlorotoluene

Concen: 47.730 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 705794

Ion Ratio Lower Upper

91 100

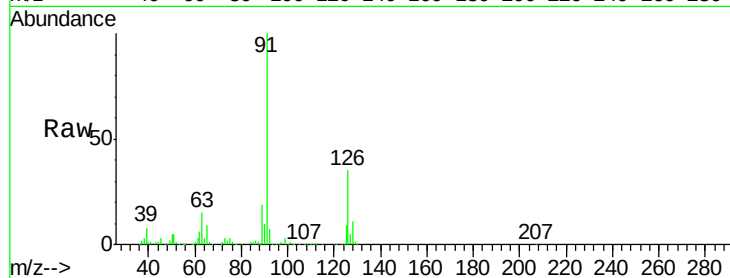
126 35.7 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064115.D (-3380) (-)

12.65

400000

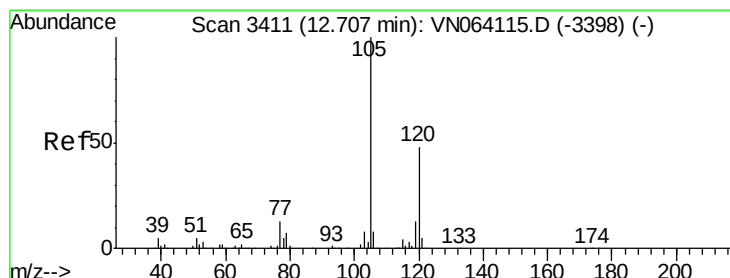
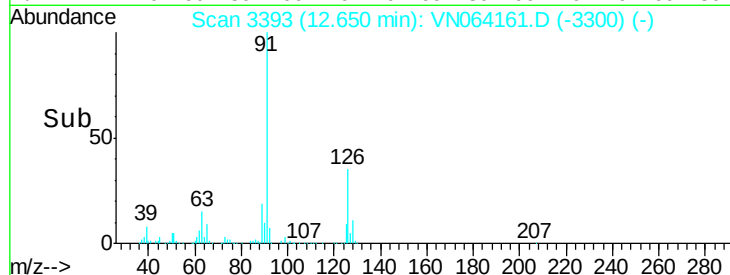
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.369 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064161.D

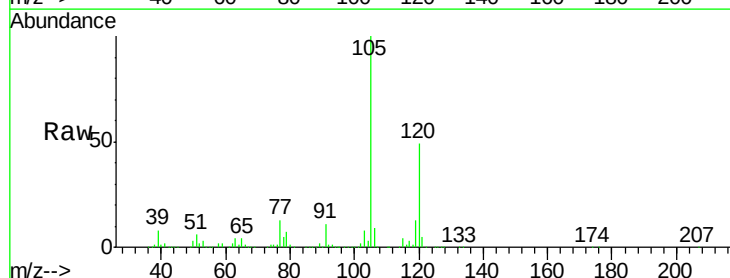
Acq: 15 Oct 2020 22:19

Tgt Ion: 105 Resp: 858907

Ion Ratio Lower Upper

105 100

120 48.7 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN064115.D (-3398) (-)

12.71

600000

500000

400000

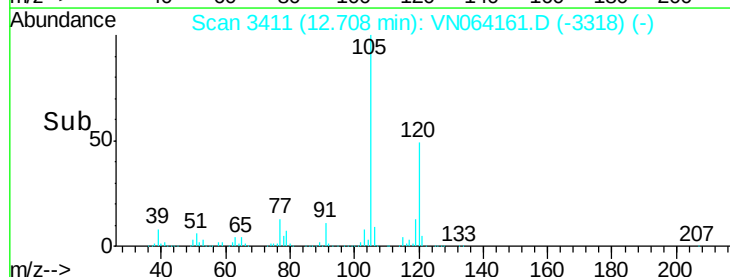
300000

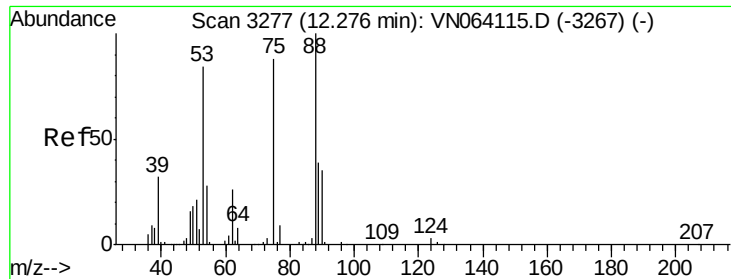
200000

100000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.395 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

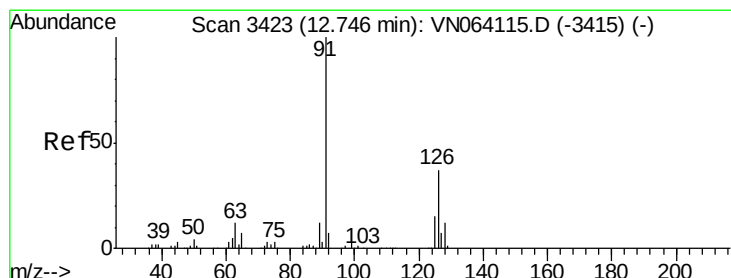
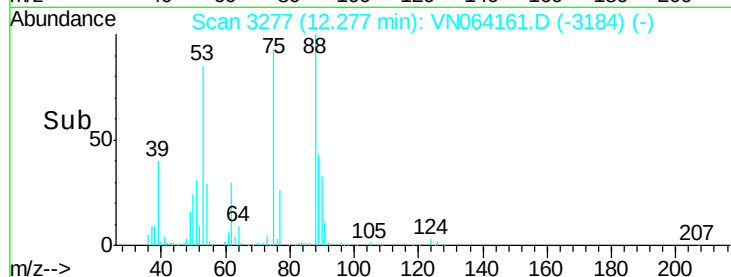
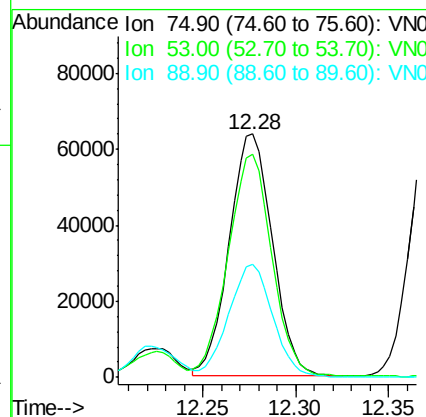
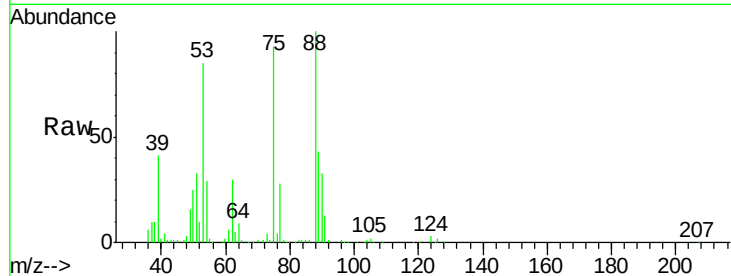
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	102458
Ion Ratio	Lower	Upper	
75	100		
53	94.2	75.7	113.5
89	47.5	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.098 ug/l

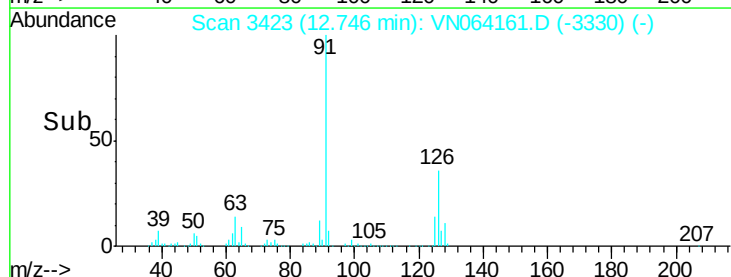
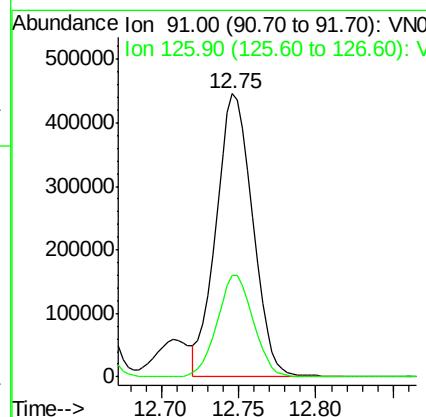
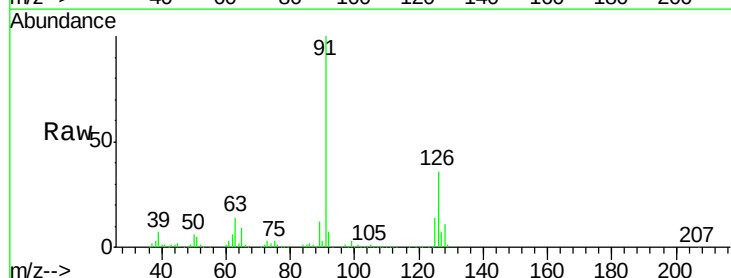
RT: 12.75 min Scan# 3423

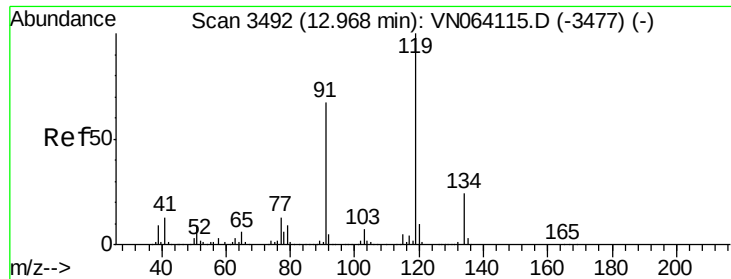
Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	91	Resp:	731739
Ion Ratio	Lower	Upper	
91	100		
126	35.4	17.1	51.2





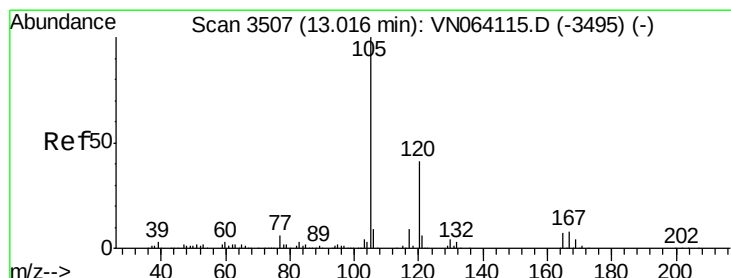
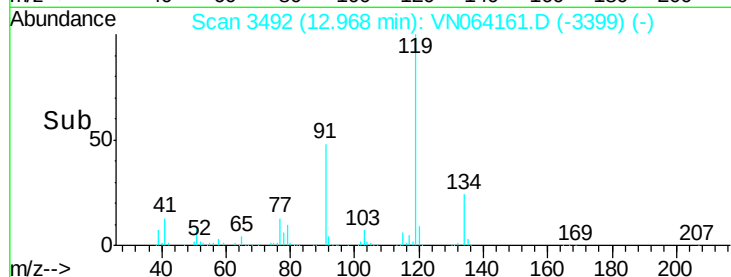
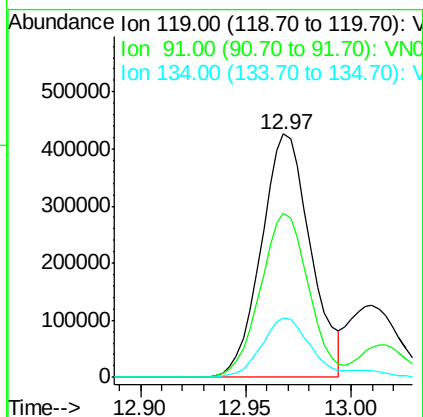
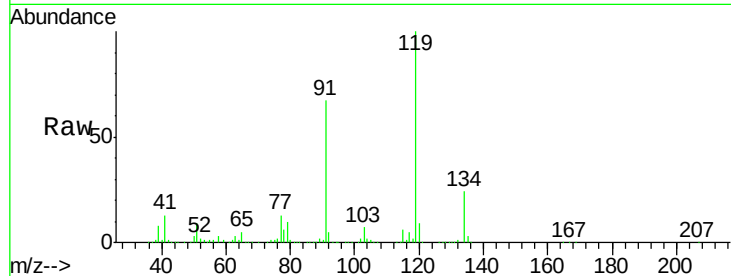
#83
 tert-Butylbenzene
 Concen: 50.249 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.6	98.0
134	24.0	13.0	39.0

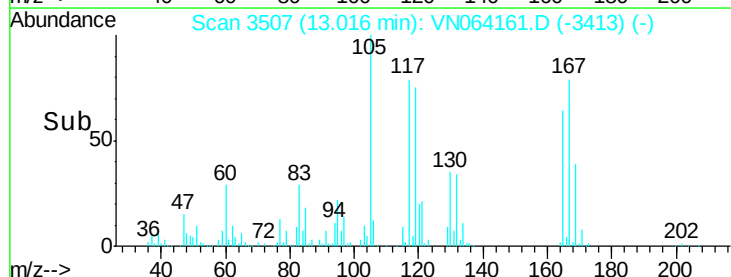
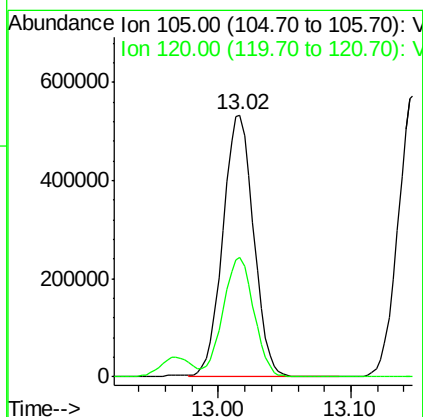
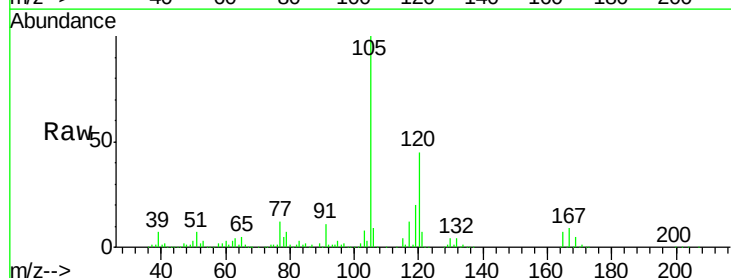
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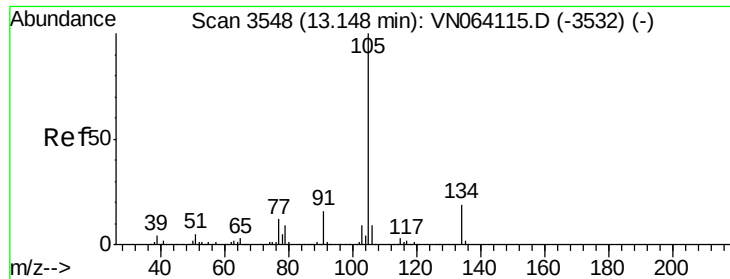
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.157 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.8	68.4





#85

sec-Butylbenzene

Concen: 50.915 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 905097

Ion Ratio Lower Upper

105 100

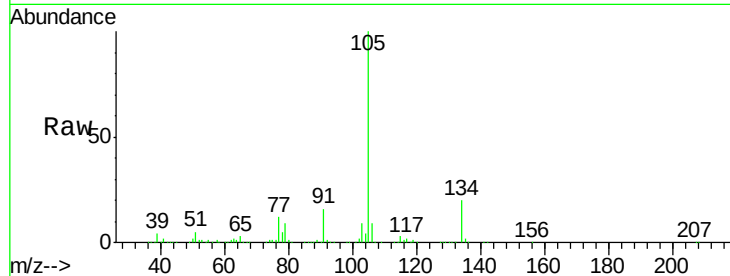
134 20.0 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

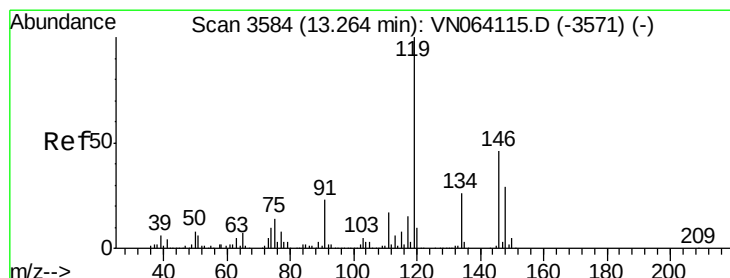
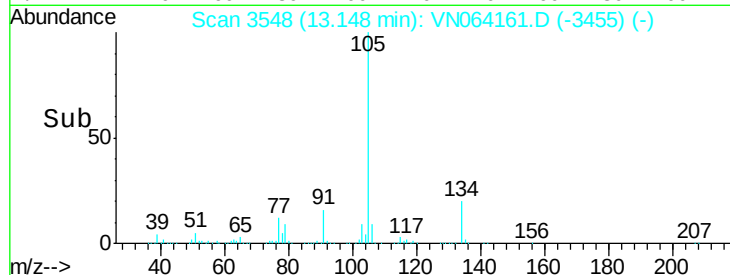
600000

400000

200000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 48.632 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

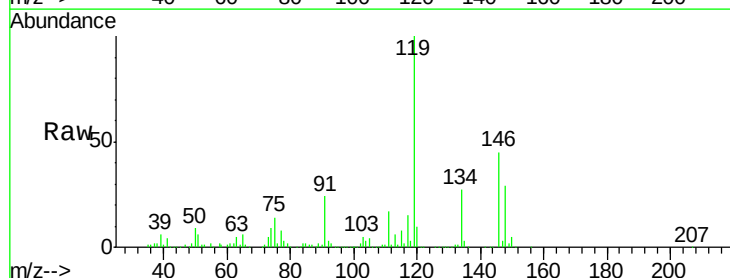
Tgt Ion:119 Resp: 817381

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 24.2 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

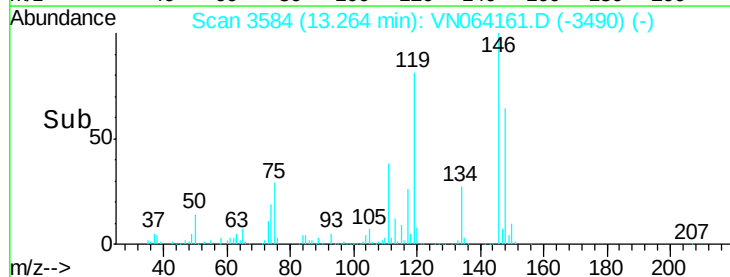
600000

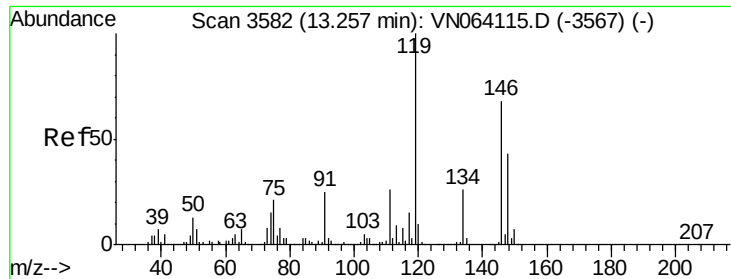
400000

200000

0

Time--> 13.20 13.25 13.30 13.35





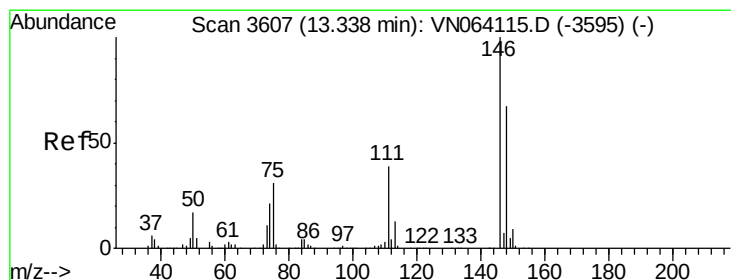
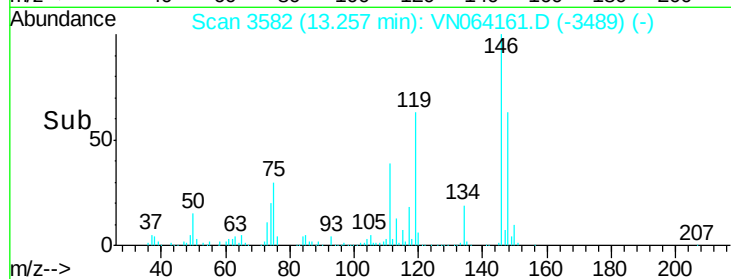
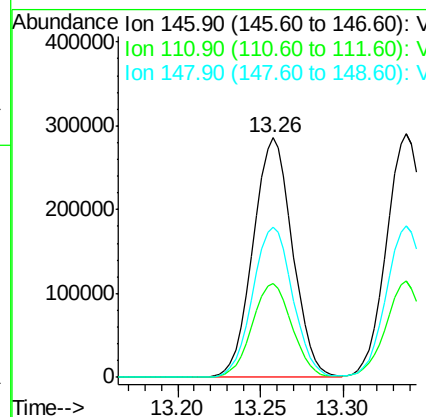
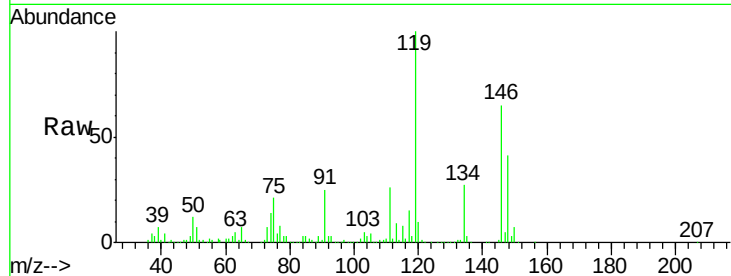
#87
 1,3-Dichlorobenzene
 Concen: 50.166 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.1
148	63.8	32.0	96.2

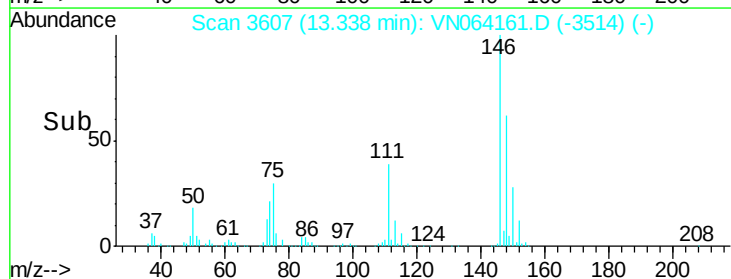
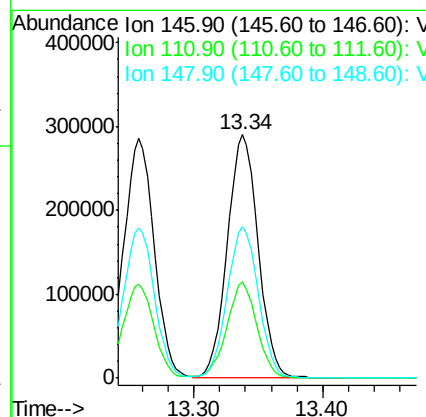
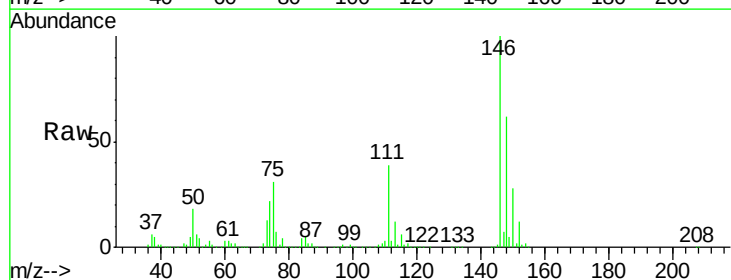
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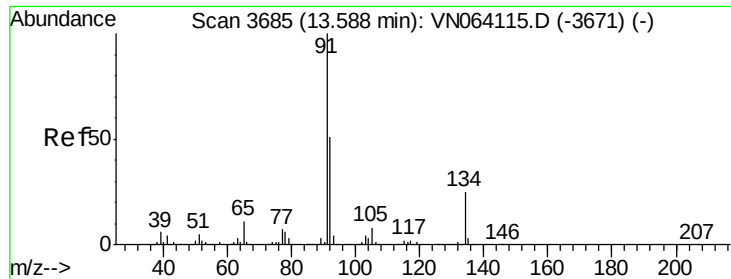
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#88
 1,4-Dichlorobenzene
 Concen: 49.612 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	62.9	32.1	96.5





#89

n-Butylbenzene

Concen: 51.871 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

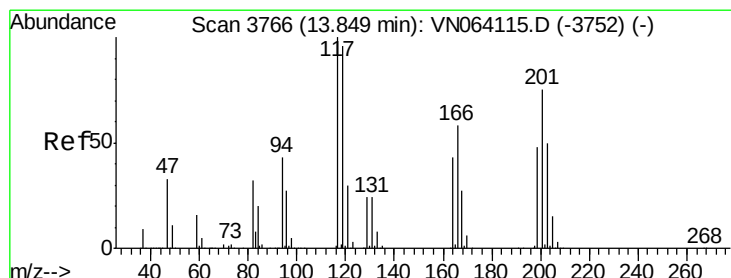
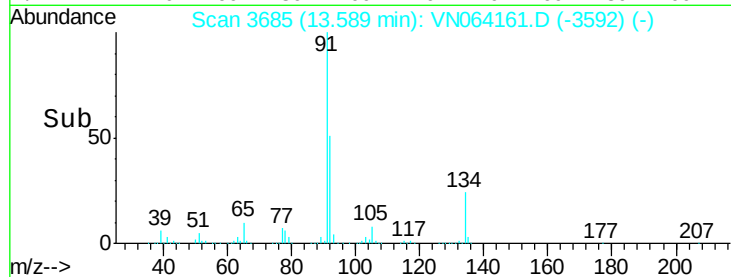
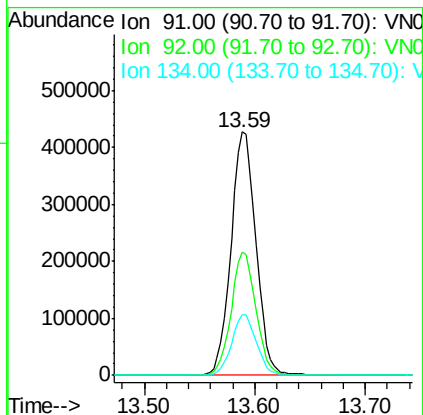
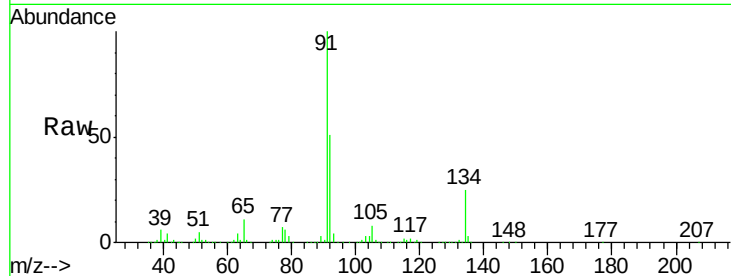
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	671911
Ion Ratio	Lower	Upper	
91	100		
92	50.2	25.6	76.6
134	24.7	12.6	37.8

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#90

Hexachloroethane

Concen: 46.936 ug/l

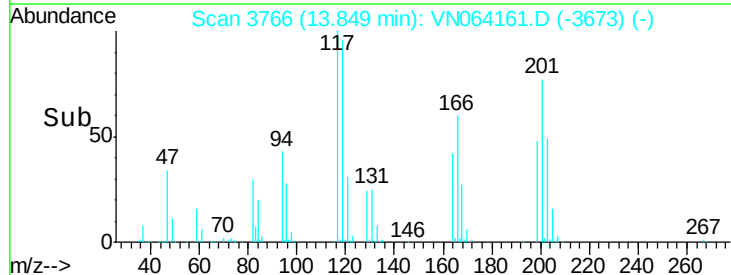
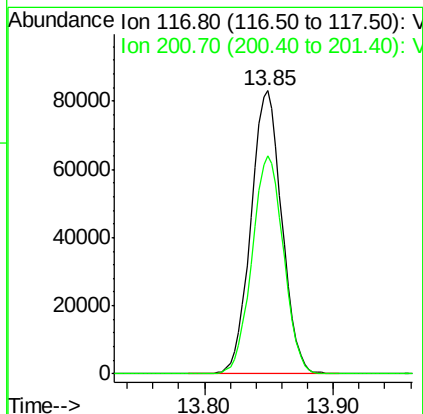
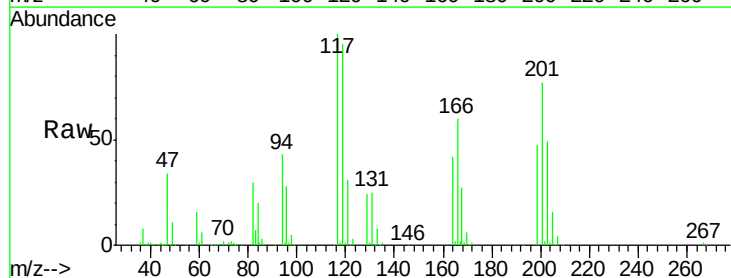
RT: 13.85 min Scan# 3766

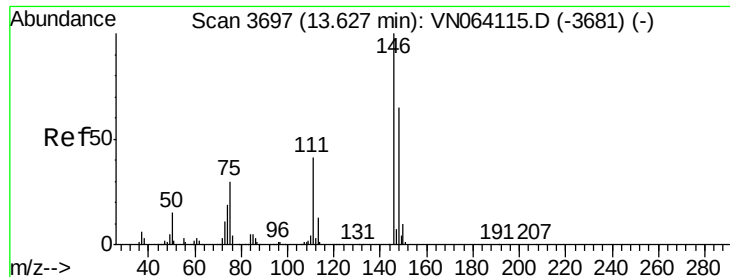
Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	117	Resp:	138858
Ion Ratio	Lower	Upper	
117	100		
201	78.3	37.4	112.2





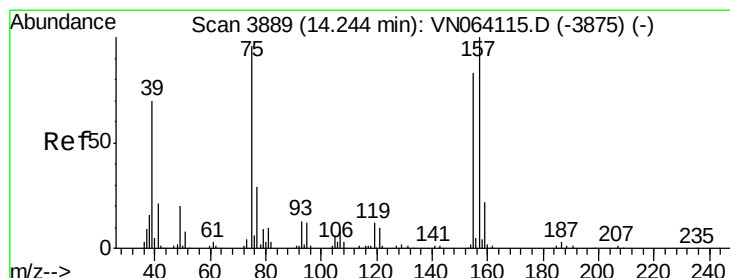
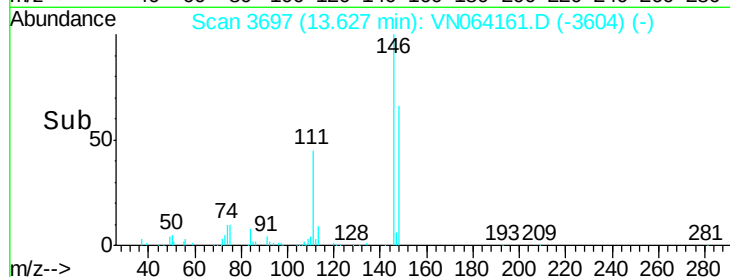
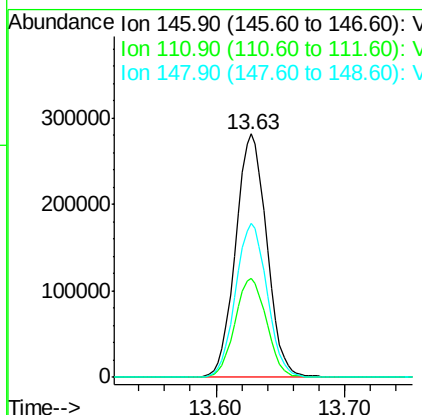
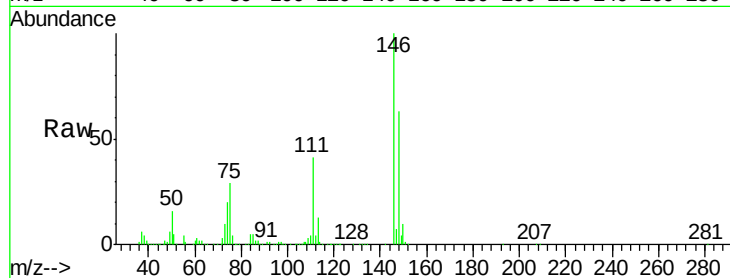
#91
 1,2-Dichlorobenzene
 Concen: 50.361 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.8
148	64.2	32.2	96.6

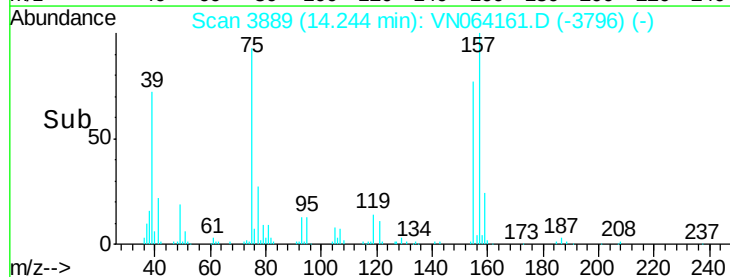
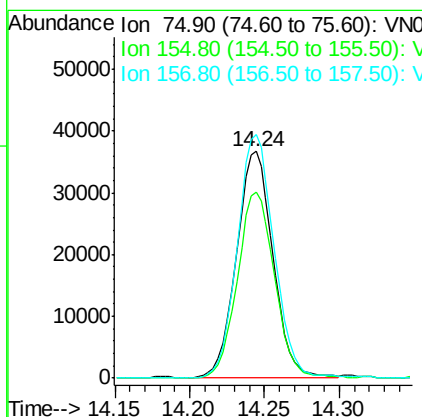
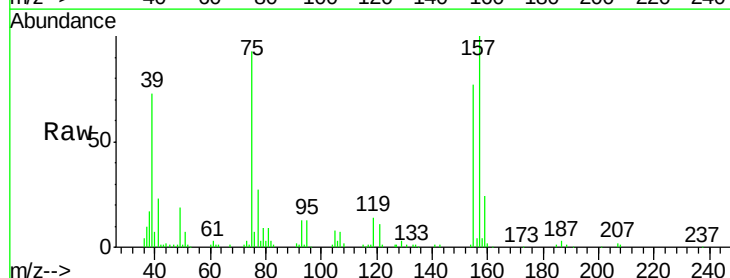
Manual Integrations
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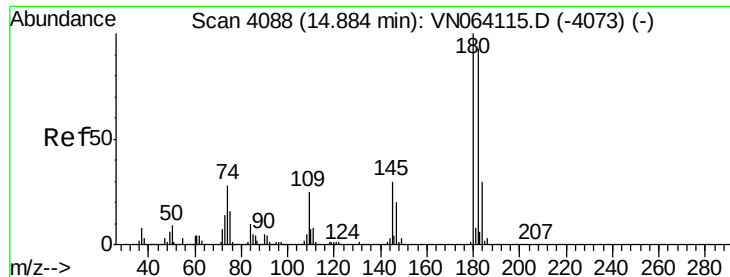
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.233 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	40.8	122.2
157	107.3	53.9	161.7





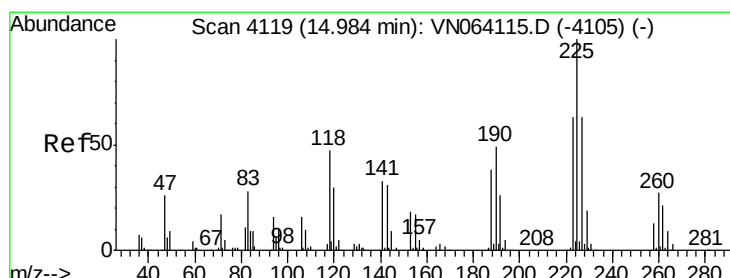
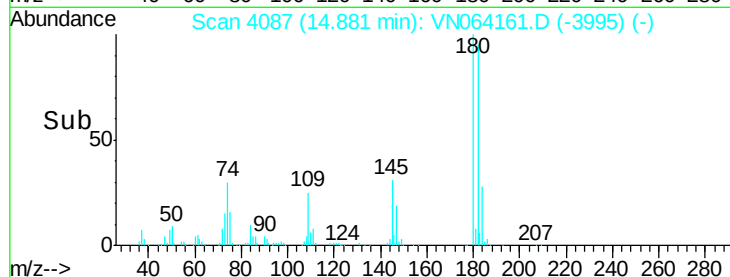
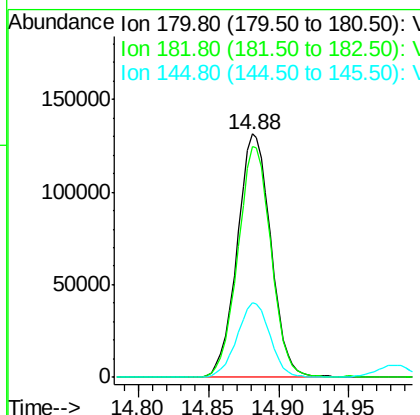
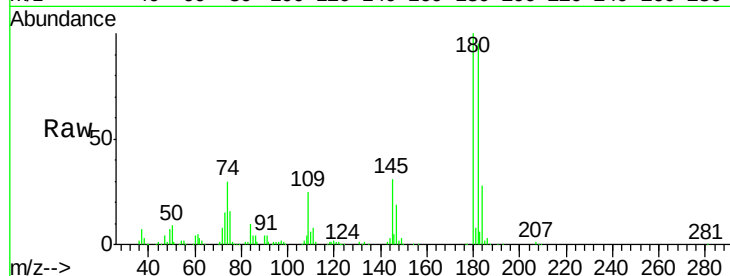
#93
 1,2,4-Trichlorobenzene
 Concen: 47.755 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	219217		
182	93.8	45.8	137.4	
145	30.3	15.4	46.1	

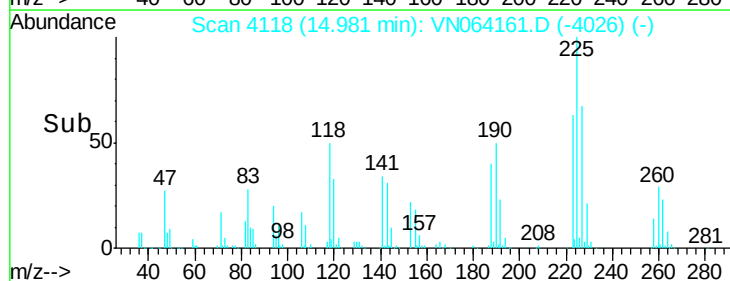
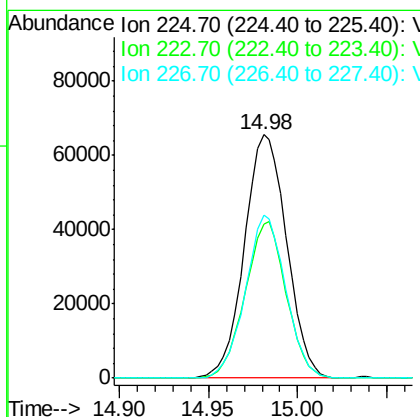
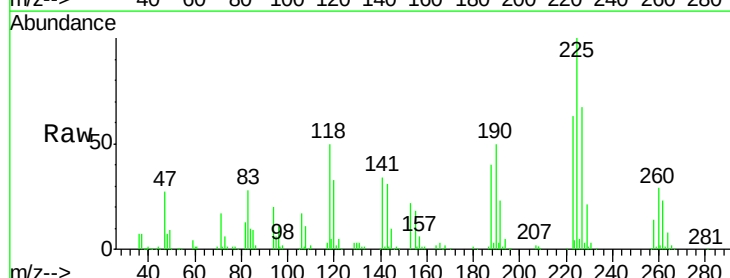
Manual Integrations
 APPROVED

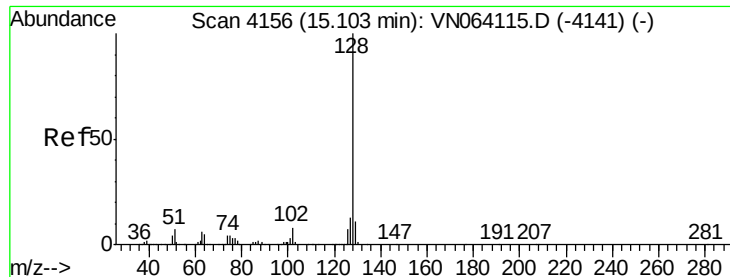
apatel
 10/19/2020 11:26:27 AM



#94
 Hexachlorobutadiene
 Concen: 48.577 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108528		
223	62.4	32.3	96.9	
227	64.0	31.6	94.8	





#95

Naphthalene

Concen: 45.974 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

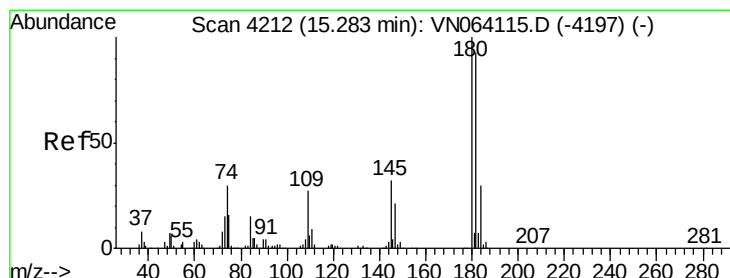
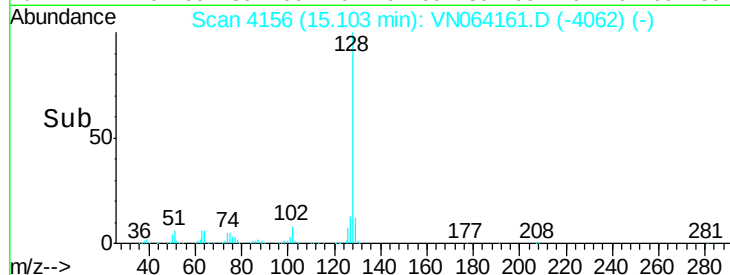
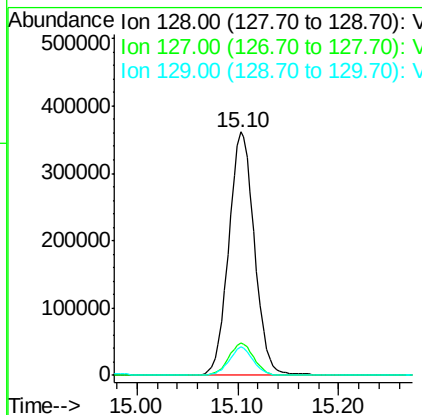
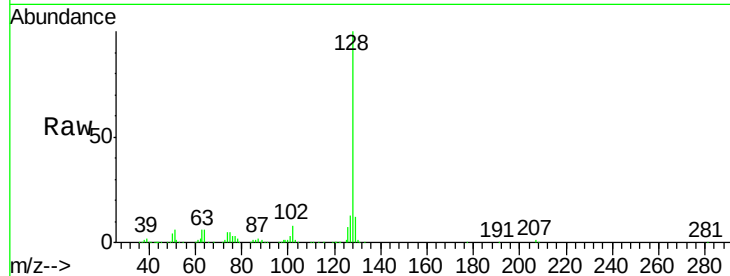
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	642476
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.1	8.5	12.7

Manual Integrations
APPROVED

apatel
10/19/2020 11:26:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.389 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion:	180	Resp:	221664
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.6	139.8
145	33.0	16.1	48.2

