

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064075.D
 Acq On : 10 Oct 2020 7:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 10 08:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185971	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	196034	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
35) Dibromofluoromethane	7.55	113	137165	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
50) Toluene-d8	10.06	98	510599	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.38	95	192525	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	110106	42.829	ug/l	99
3) Chloromethane	2.04	50	141263	46.830	ug/l	99
4) Vinyl Chloride	2.16	62	139022	45.913	ug/l	99
5) Bromomethane	2.52	94	79925	41.965	ug/l	98
6) Chloroethane	2.67	64	91628	50.642	ug/l	97
7) Trichlorofluoromethane	2.98	101	232173	48.347	ug/l	99
8) Diethyl Ether	3.37	74	85702	52.769	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124008	48.313	ug/l	99
10) Methyl Iodide	3.91	142	153425	51.480	ug/l	99
11) Tert butyl alcohol	4.73	59	150249	338.106	ug/l	99
12) 1,1-Dichloroethene	3.69	96	118146	48.156	ug/l	94
13) Acrolein	3.57	56	72775	266.831	ug/l	99
14) Allyl chloride	4.28	41	244888	53.728	ug/l	90
15) Acrylonitrile	4.93	53	411052	323.148	ug/l	98
16) Acetone	3.77	43	382212	308.470	ug/l	98
17) Carbon Disulfide	4.01	76	311246	46.980	ug/l	98
18) Methyl Acetate	4.28	43	215899	67.110	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	476089	53.412	ug/l	99
20) Methylene Chloride	4.50	84	150104	52.884	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	132955	48.382	ug/l	97
22) Diisopropyl ether	5.90	45	550022	58.652	ug/l	95
23) Vinyl Acetate	5.84	43	2251599	289.851	ug/l	98
24) 1,1-Dichloroethane	5.80	63	281300	52.462	ug/l	98
25) 2-Butanone	6.78	43	582986	331.869	ug/l	97
26) 2,2-Dichloropropane	6.77	77	164053	33.410	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	157063	49.695	ug/l	97
28) Bromochloromethane	7.15	49	146851	55.413	ug/l	95
29) Tetrahydrofuran	7.16	42	398204	337.979	ug/l	96
30) Chloroform	7.33	83	286167	51.186	ug/l	97
31) Cyclohexane	7.61	56	219366	46.944	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	253421	50.255	ug/l	99
36) 1,1-Dichloropropene	7.75	75	200315	48.027	ug/l	98
37) Ethyl Acetate	6.88	43	245131	59.156	ug/l	99
38) Carbon Tetrachloride	7.73	117	217316	46.465	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	184498	44.358	ug/l	98
40) Benzene	8.00	78	608223	51.055	ug/l	98
41) Methacrylonitrile	7.16	41	367155	199.359	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	244464	48.073	ug/l	99
43) Isopropyl Acetate	8.13	43	397833	58.205	ug/l	100
44) Trichloroethene	8.80	130	147331	47.201	ug/l	98
45) 1,2-Dichloropropane	9.08	63	172549	53.631	ug/l	98
46) Dibromomethane	9.17	93	111265	50.131	ug/l	98
47) Bromodichloromethane	9.37	83	231571	50.625	ug/l	95
48) Methyl methacrylate	9.17	41	201053	59.537	ug/l	91
49) 1,4-Dioxane	9.17	88	57790	1204.113	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1295373	322.946	ug/l	100
52) Toluene	10.13	92	377544	51.236	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	239355	48.815	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	251060	48.959	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	157439	53.278	ug/l	99
56) Ethyl methacrylate	10.40	69	238178	56.862	ug/l	93
57) 1,3-Dichloropropane	10.68	76	268018	53.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	641337	286.237	ug/l	98
59) 2-Hexanone	10.72	43	944568	317.000	ug/l	99
60) Dibromochloromethane	10.87	129	174577	50.728	ug/l	100
61) 1,2-Dibromoethane	10.98	107	160815	53.200	ug/l	99
64) Tetrachloroethene	10.60	164	133205	44.328	ug/l	98
65) Chlorobenzene	11.41	112	391585	49.148	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	155732	50.984	ug/l	98
67) Ethyl Benzene	11.49	91	724698	49.986	ug/l	99
68) m/p-Xylenes	11.59	106	536458	99.283	ug/l	98
69) o-Xylene	11.92	106	257373	50.962	ug/l	100
70) Styrene	11.94	104	456285	53.225	ug/l	97
71) Bromoform	12.10	173	122990	52.647	ug/l #	98
73) Isopropylbenzene	12.23	105	682785	50.336	ug/l	100
74) N-amyl acetate	12.04	43	348000	54.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	230785	55.639	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	305672	74.563	ug/l #	100
77) Bromobenzene	12.50	156	170711	51.289	ug/l	98
78) n-propylbenzene	12.57	91	788450	49.945	ug/l	100
79) 2-Chlorotoluene	12.65	91	494471	50.929	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	584836	51.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	71655	50.342	ug/l	98
82) 4-Chlorotoluene	12.75	91	509363	50.537	ug/l	99
83) tert-Butylbenzene	12.97	119	461676	49.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	581999	51.224	ug/l	98
85) sec-Butylbenzene	13.15	105	607498	49.688	ug/l	100
86) p-Isopropyltoluene	13.26	119	539715	49.900	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	296558	49.250	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	295719	47.166	ug/l	99
89) n-Butylbenzene	13.59	91	448949	44.972	ug/l	100
90) Hexachloroethane	13.85	117	104658	49.935	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	299069	50.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53077	54.563	ug/l	98

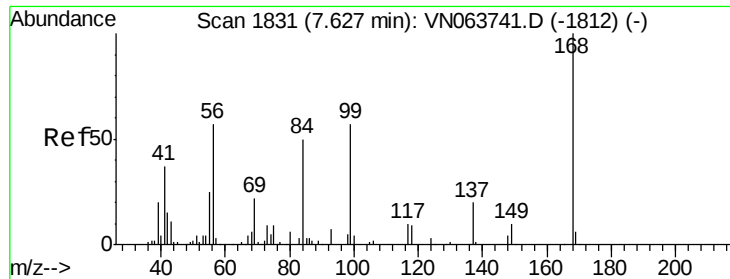
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	136936	42.494	ug/l	97
94) Hexachlorobutadiene	14.98	225	77583	47.979	ug/l	99
95) Naphthalene	15.10	128	417709	41.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	134169	42.885	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: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

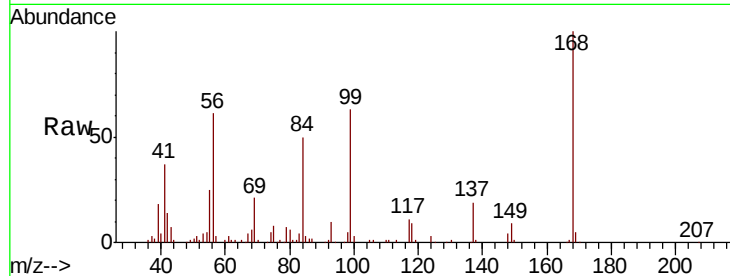
VSTDCCC050EC

Tot Ion:168 Resp: 243640

Ion Ratio Lower Upper

168 100

99 63.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

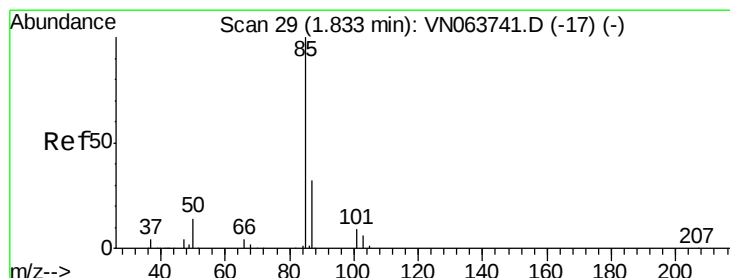
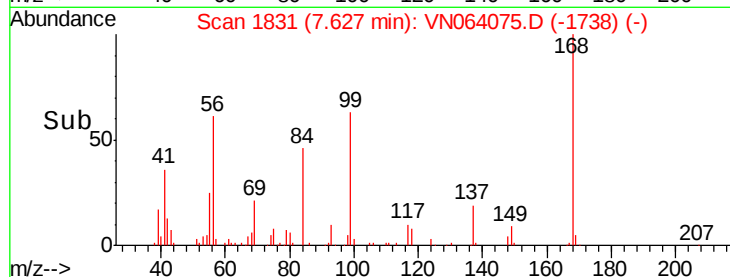
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.829 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064075.D

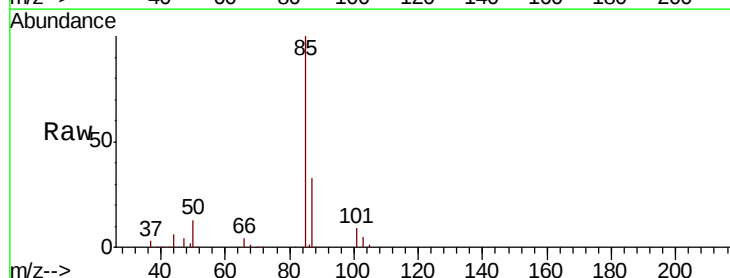
Acq: 10 Oct 2020 7:37

Tgt Ion: 85 Resp: 110106

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

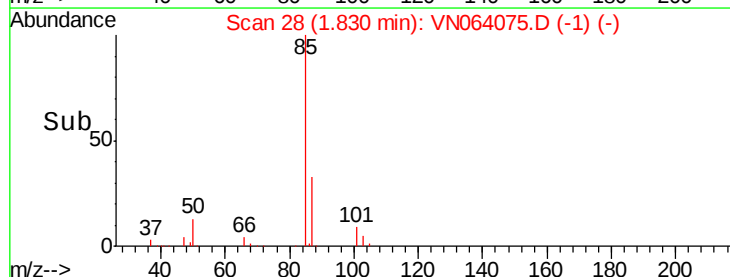
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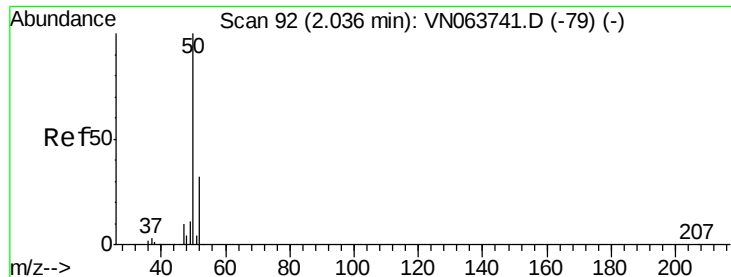
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.830 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

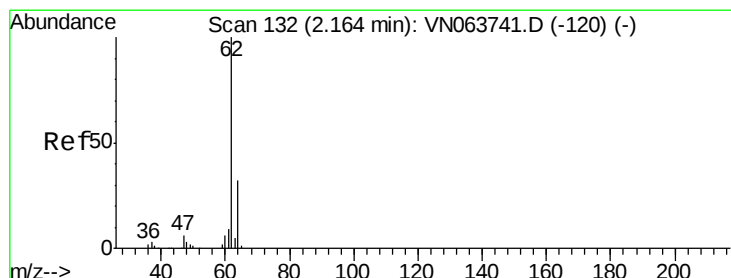
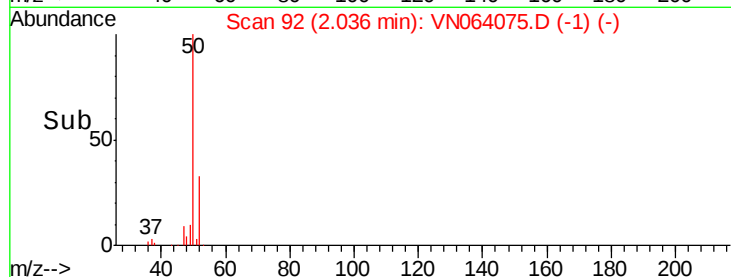
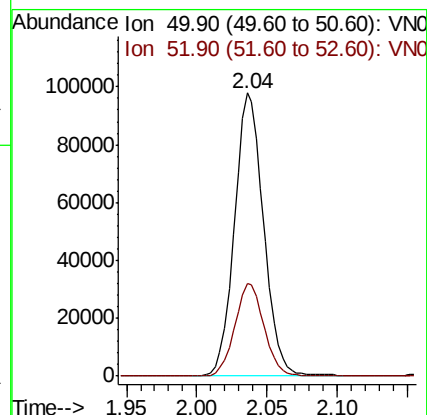
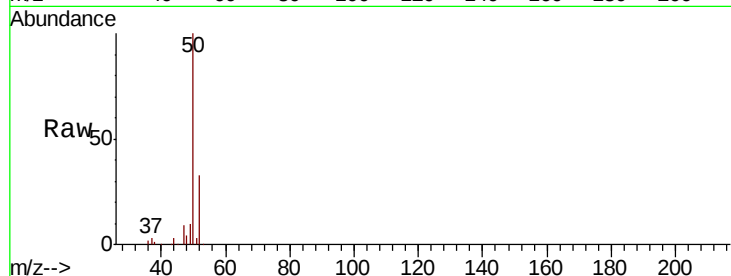
VSTDCCC050EC

Tot Ion: 50 Resp: 141263

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8



#4

Vinyl Chloride

Concen: 45.913 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064075.D

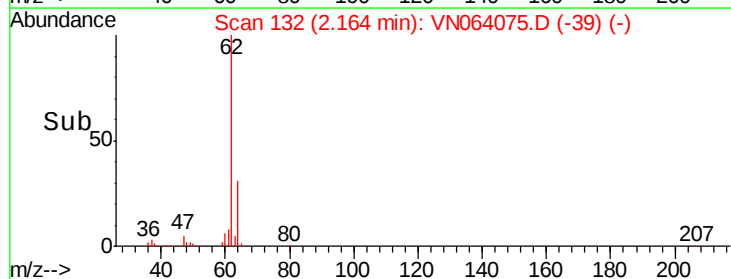
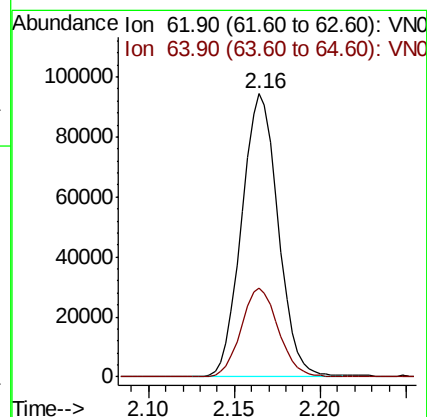
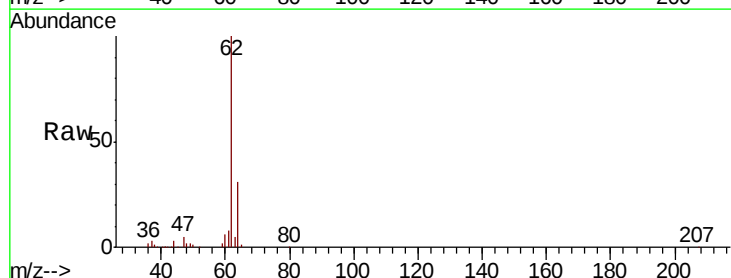
Acq: 10 Oct 2020 7:37

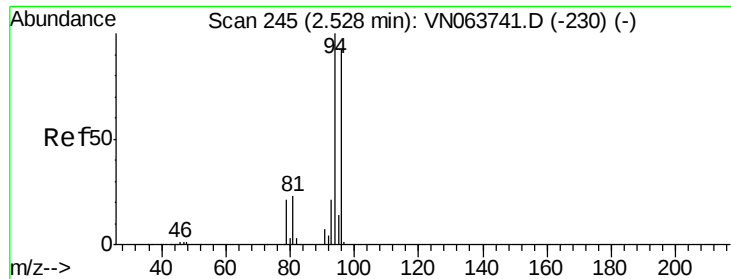
Tgt Ion: 62 Resp: 139022

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 41.965 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

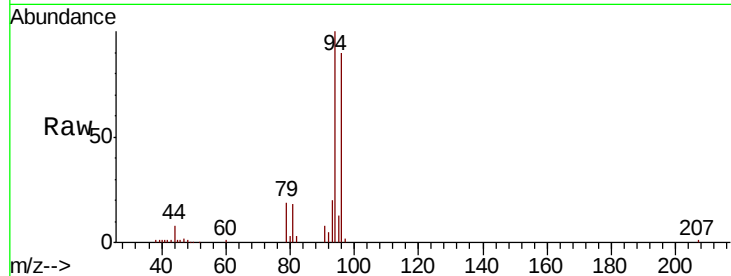
VSTDCCC050EC

Tot Ion: 94 Resp: 79925

Ion Ratio Lower Upper

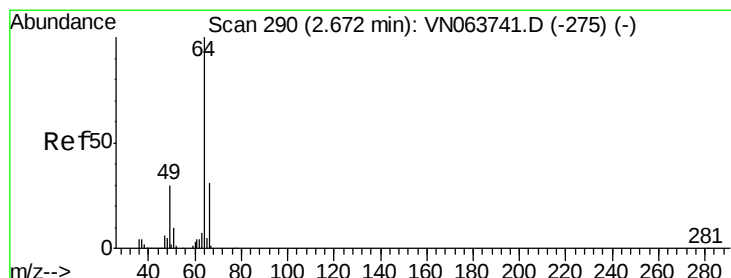
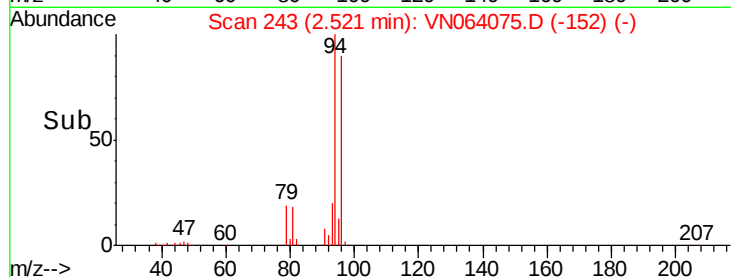
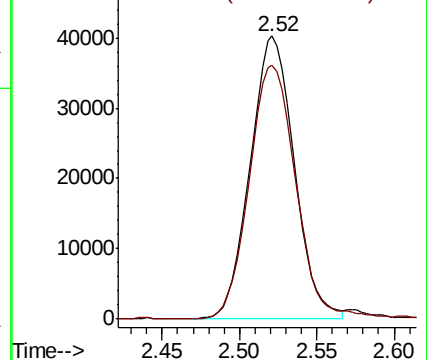
94 100

96 89.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.642 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064075.D

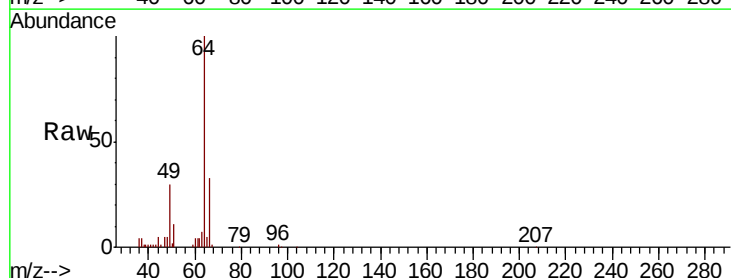
Acq: 10 Oct 2020 7:37

Tgt Ion: 64 Resp: 91628

Ion Ratio Lower Upper

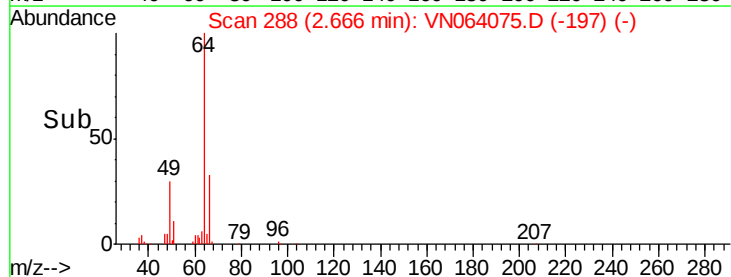
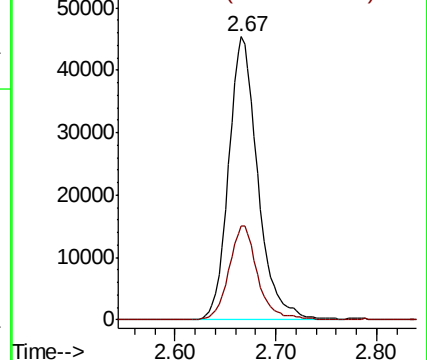
64 100

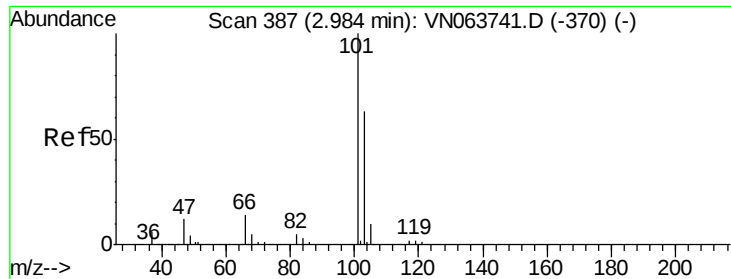
66 33.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



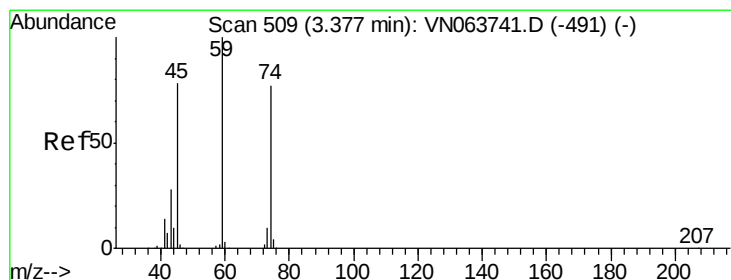
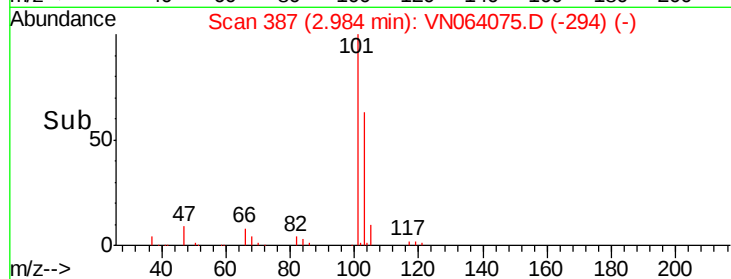
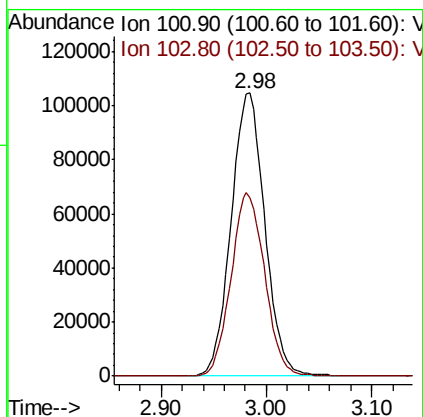
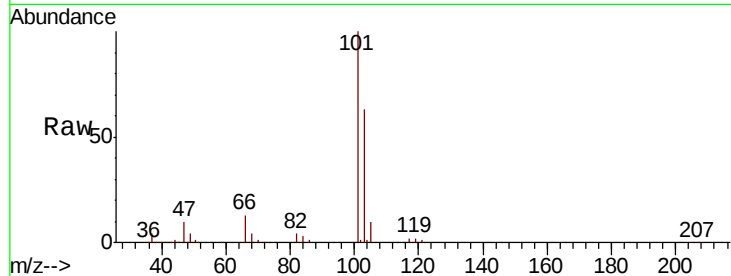


#7

Trichlorofluoromethane
 Concen: 48.347 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

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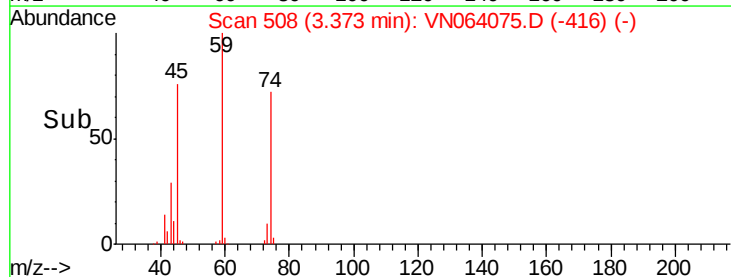
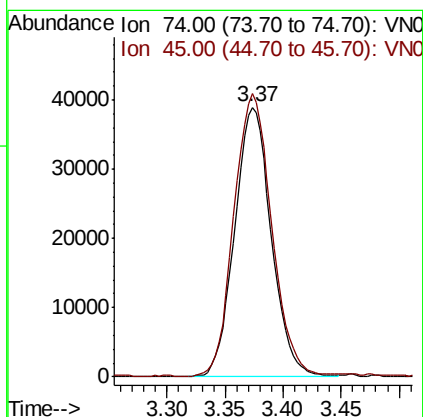
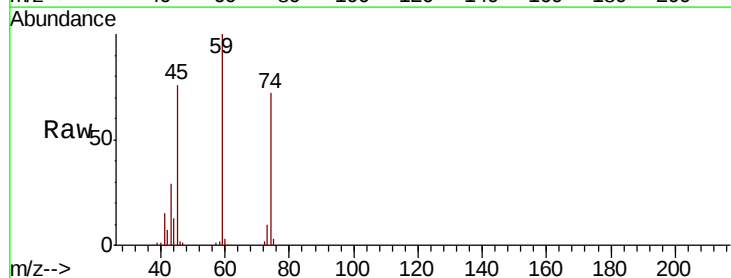
Tot Ion:101 Resp: 232173
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.7 76.1

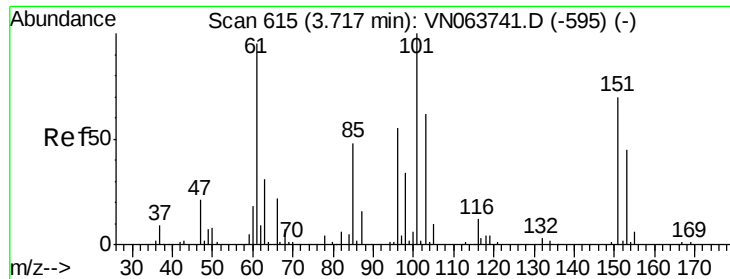


#8

Diethyl Ether
 Concen: 52.769 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion: 74 Resp: 85702
 Ion Ratio Lower Upper
 74 100
 45 108.5 50.9 152.8

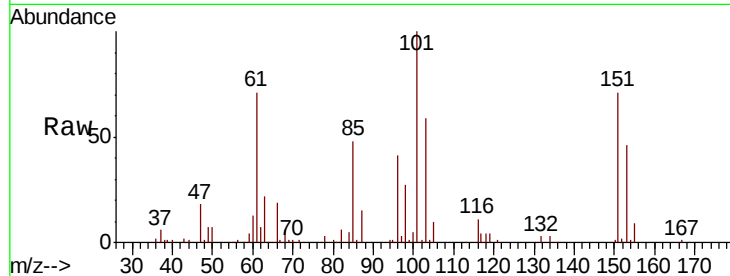




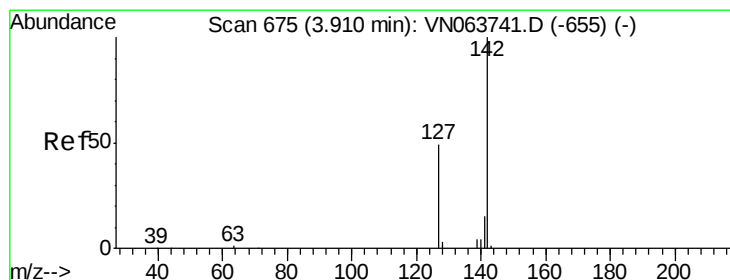
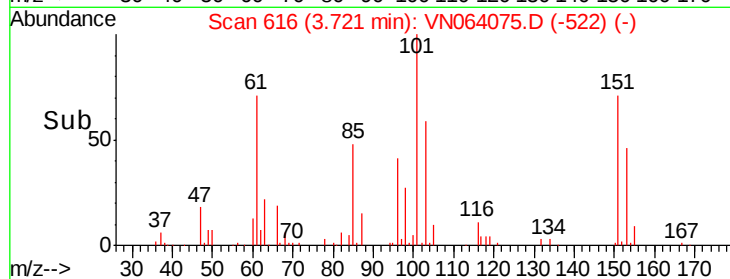
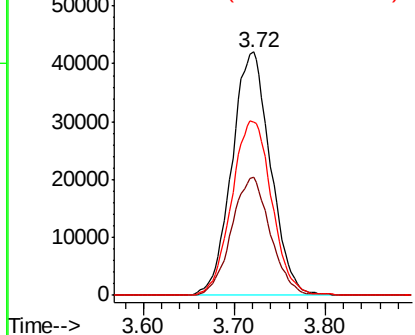
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.313 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN064075.D
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Instrument :
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 VSTDCCC050EC

Tot Ion:101 Resp: 124008
 Ion Ratio Lower Upper
 101 100
 85 48.9 38.6 58.0
 151 74.2 58.7 88.1

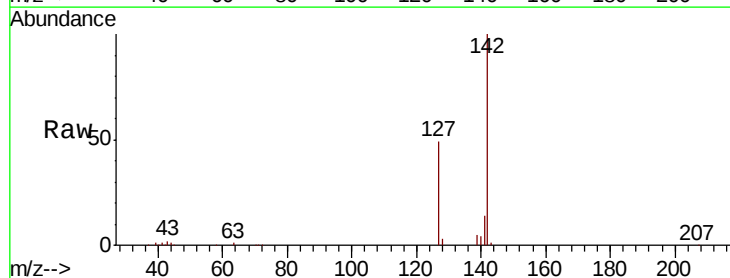


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

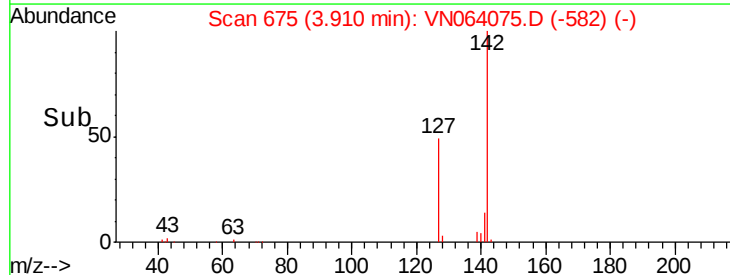
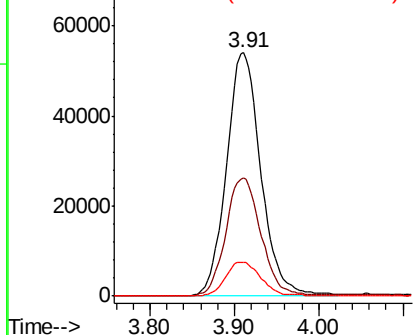


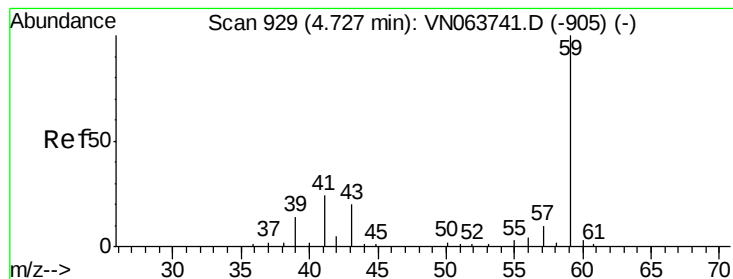
#10
 Methyl Iodide
 Concen: 51.480 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion:142 Resp: 153425
 Ion Ratio Lower Upper
 142 100
 127 49.5 40.5 60.7
 141 14.5 11.7 17.5



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: 338.106 ug/l

RT: 4.73 min Scan# 929

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

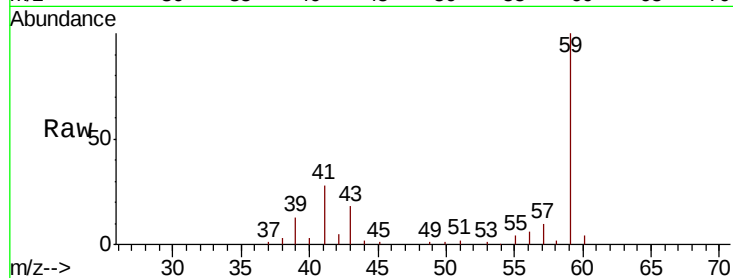
VSTDCCC050EC

Tot Ion: 59 Resp: 150249

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1

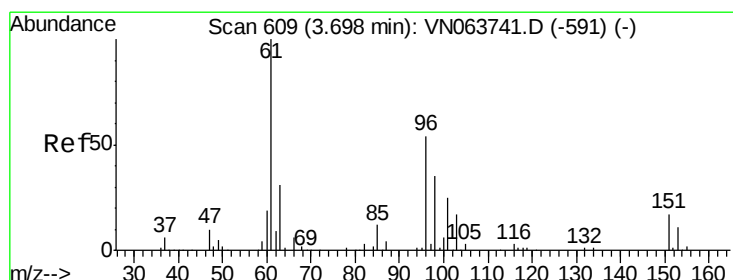
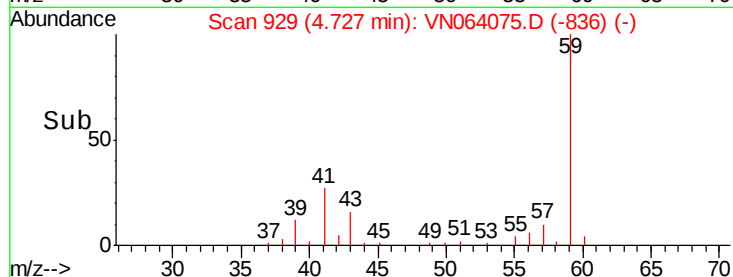


Abundance Ion 59.00 (58.70 to 59.70): VN063741.D (-905) (-)

Ion 57.00 (56.70 to 57.70): VN063741.D (-905) (-)

4.73

Time-->



#12

1,1-Dichloroethene

Concen: 48.156 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

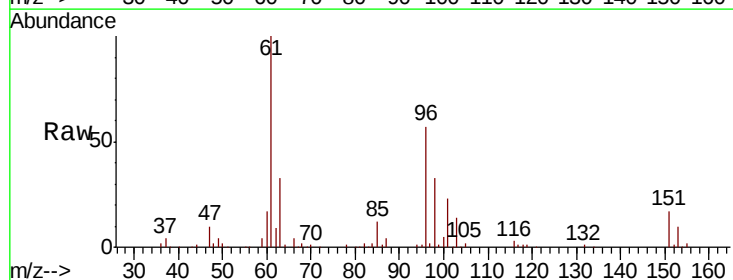
Tgt Ion: 96 Resp: 118146

Ion Ratio Lower Upper

96 100

61 176.3 147.7 221.5

98 58.8 51.9 77.9



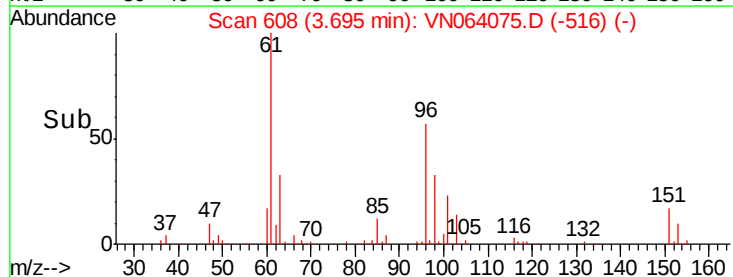
Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-591) (-)

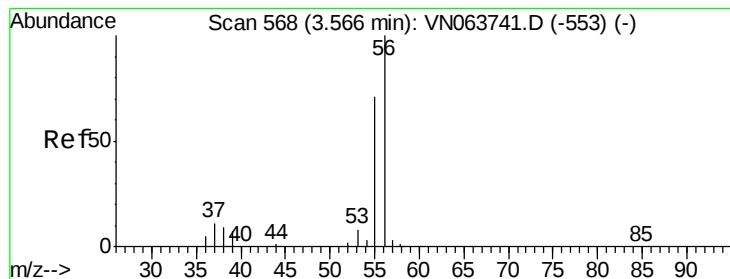
Ion 60.90 (60.60 to 61.60): VN063741.D (-591) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-591) (-)

3.69

Time-->





#13

Acrolein

Concen: 266.831 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

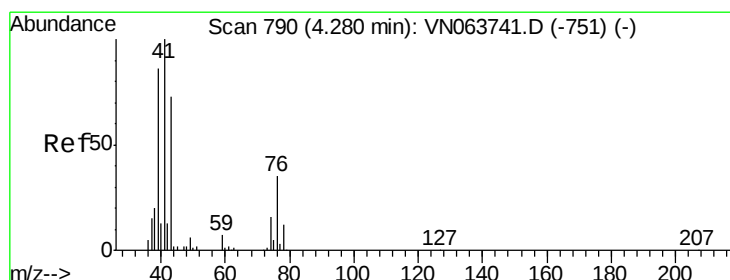
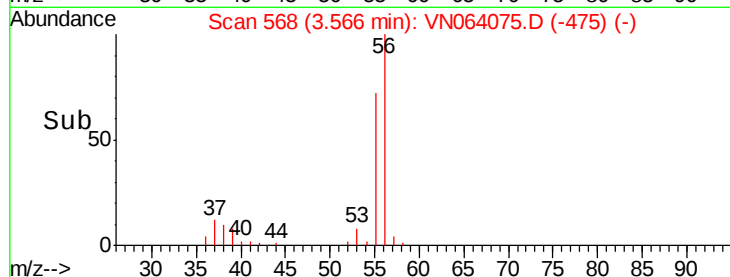
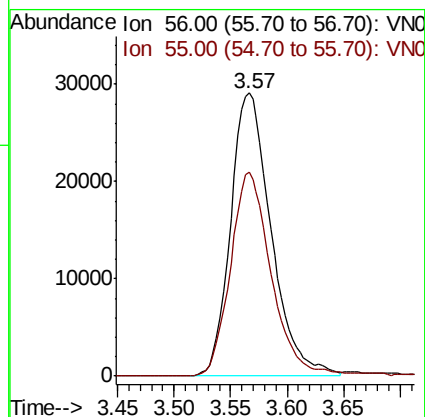
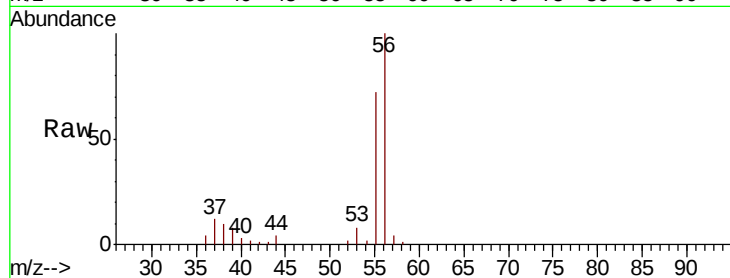
VSTDCCC050EC

Tot Ion: 56 Resp: 72775

Ion Ratio Lower Upper

56 100

55 72.2 56.9 85.3



#14

Allyl chloride

Concen: 53.728 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

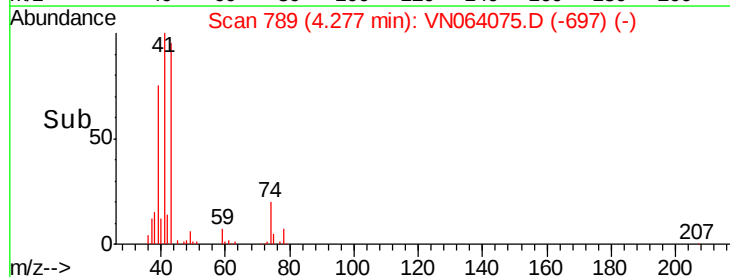
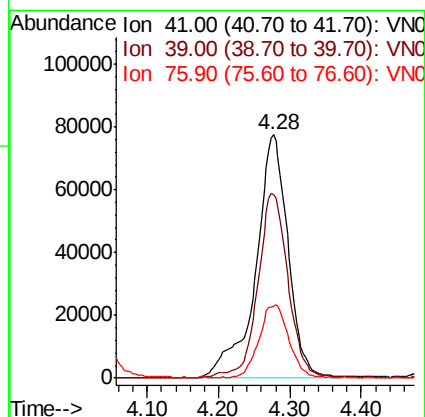
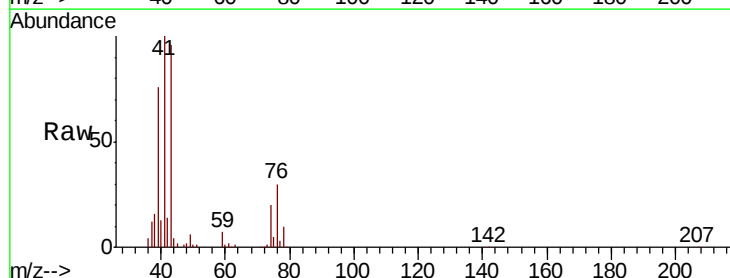
Tgt Ion: 41 Resp: 244888

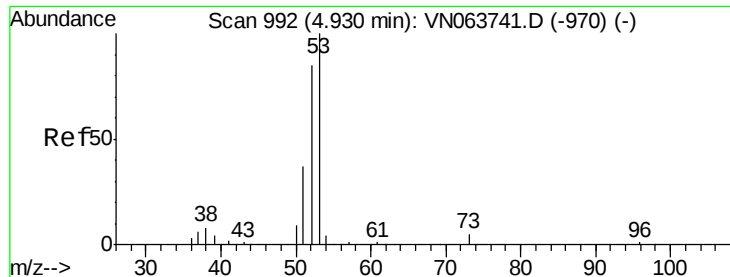
Ion Ratio Lower Upper

41 100

39 71.0 64.5 96.7

76 27.8 25.9 38.9





#15

Acrylonitrile

Concen: 323.148 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

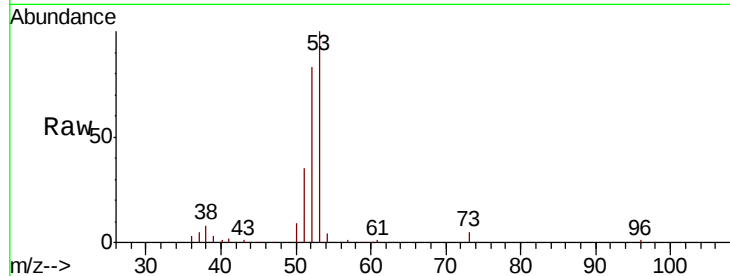
Tot Ion: 53 Resp: 411052

Ion Ratio Lower Upper

53 100

52 81.2 66.5 99.7

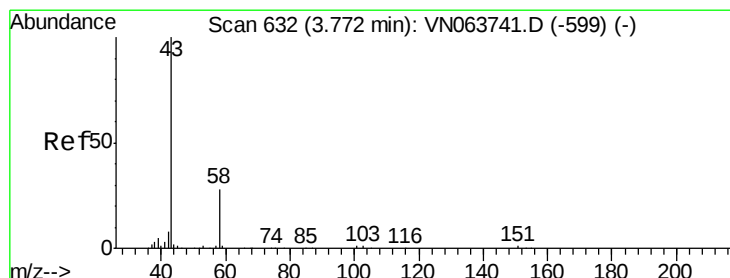
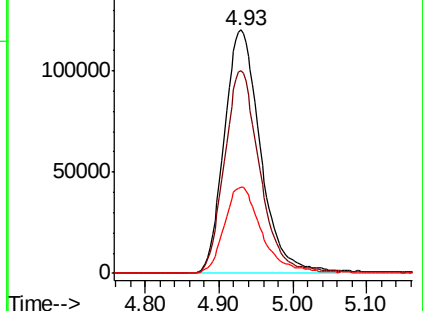
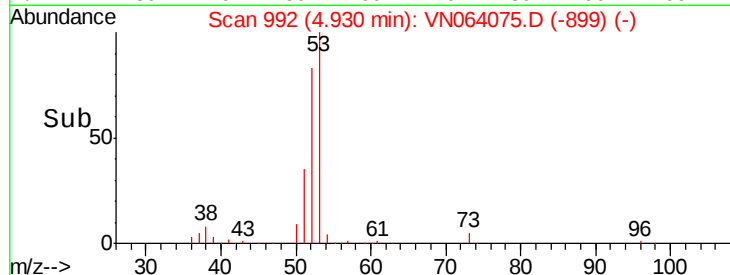
51 36.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064075.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN064075.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN064075.D (-899) (-)



#16

Acetone

Concen: 308.470 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064075.D

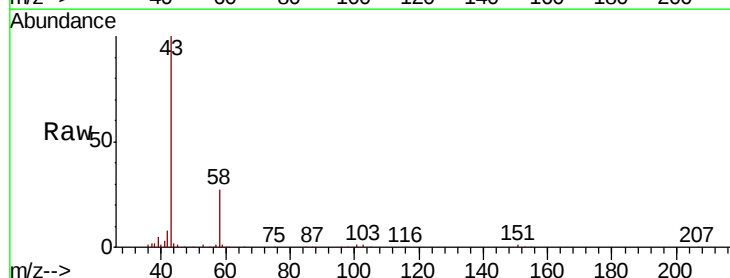
Acq: 10 Oct 2020 7:37

Tgt Ion: 43 Resp: 382212

Ion Ratio Lower Upper

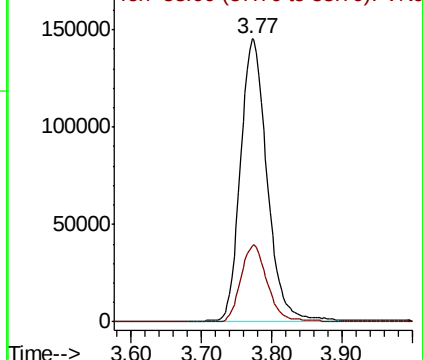
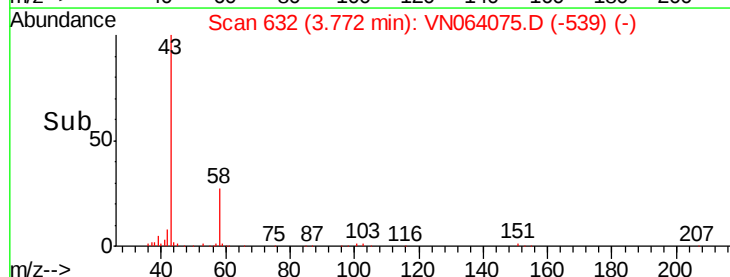
43 100

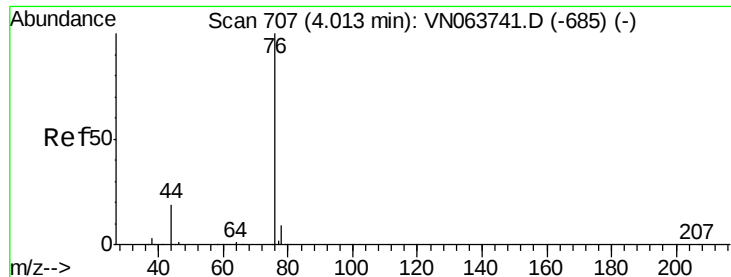
58 27.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN064075.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN064075.D (-539) (-)

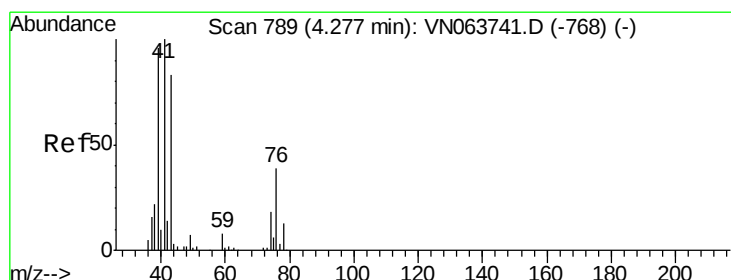
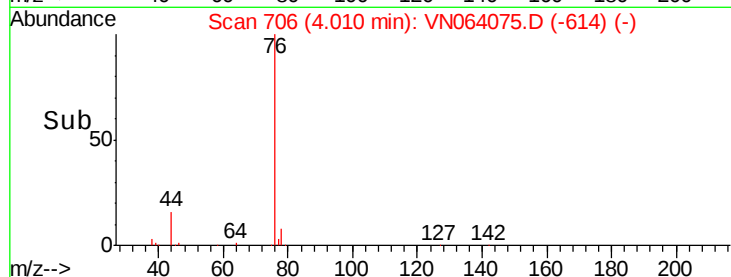
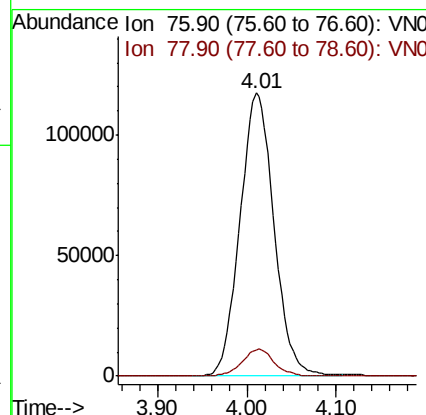
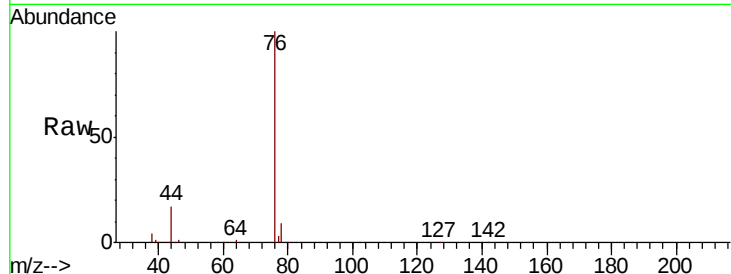




#17
Carbon Disulfide
Concen: 46.980 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

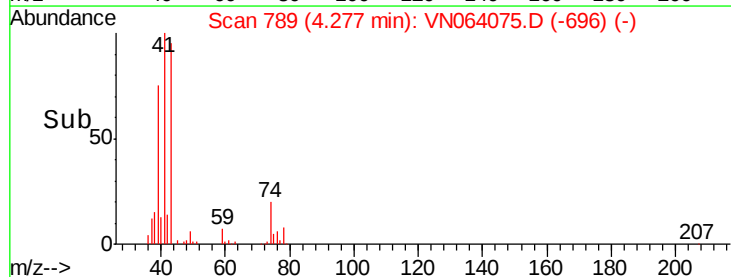
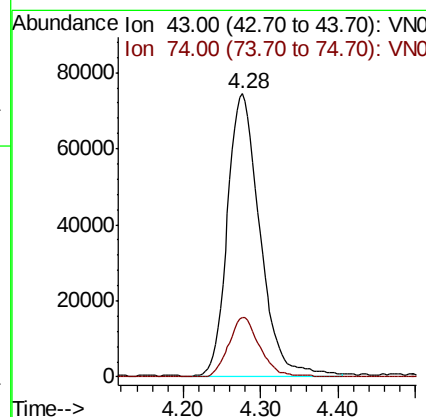
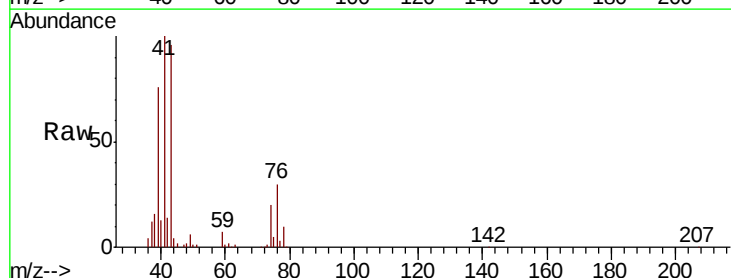
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 311246
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 67.110 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 43 Resp: 215899
Ion Ratio Lower Upper
43 100
74 20.0 17.4 26.2

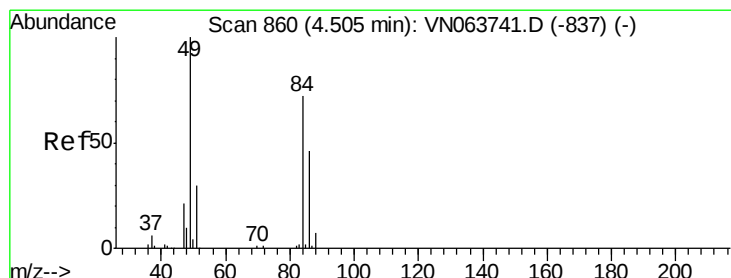
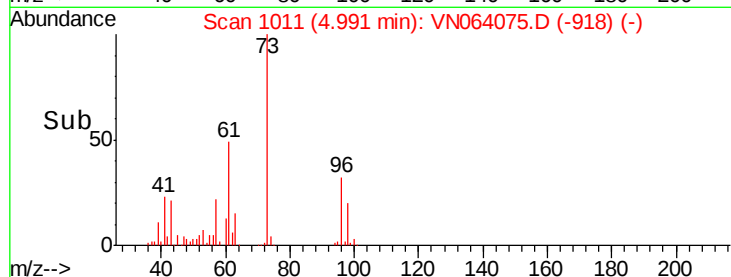
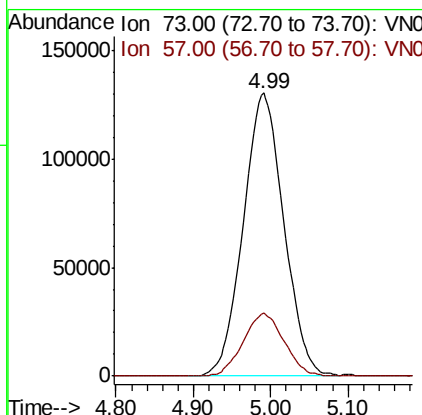
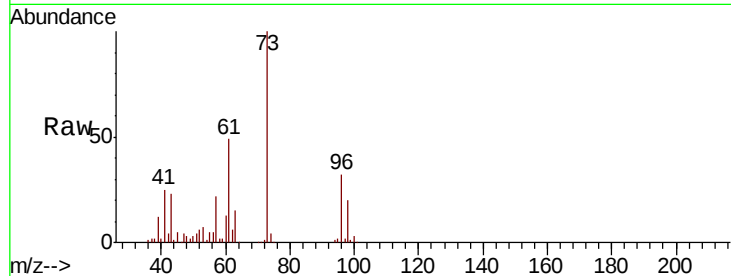




#19
Methvl tert-butvl Ether
Concen: 53.412 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

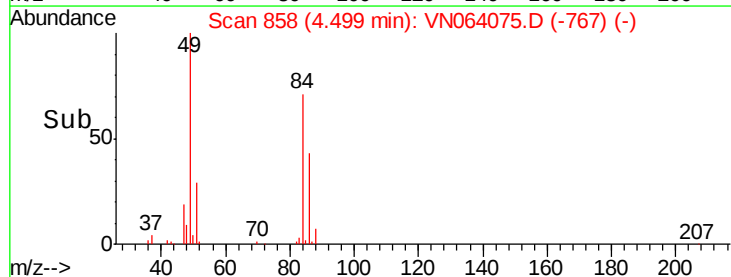
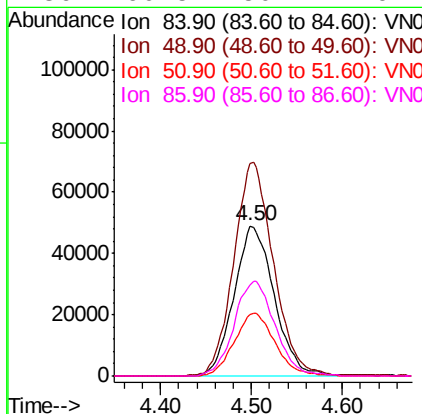
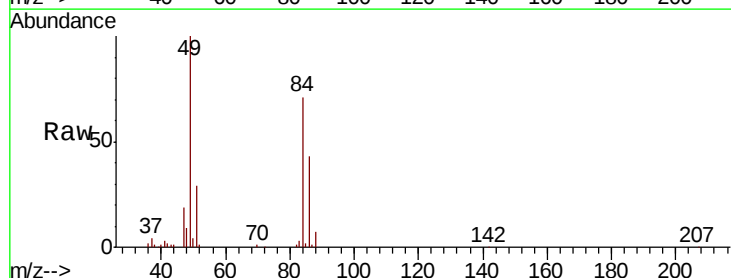
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

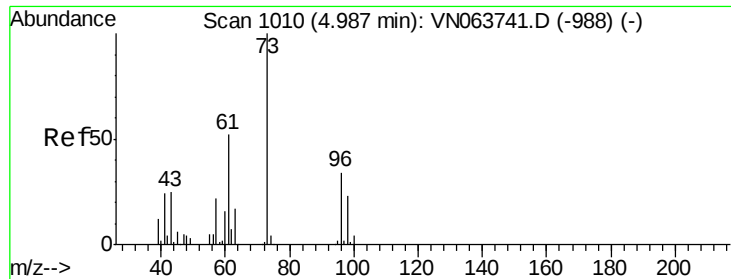
Tot Ion: 73 Resp: 476089
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#20
Methylene Chloride
Concen: 52.884 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 84 Resp: 150104
Ion Ratio Lower Upper
84 100
49 140.5 110.4 165.6
51 40.6 33.3 49.9
86 60.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.382 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

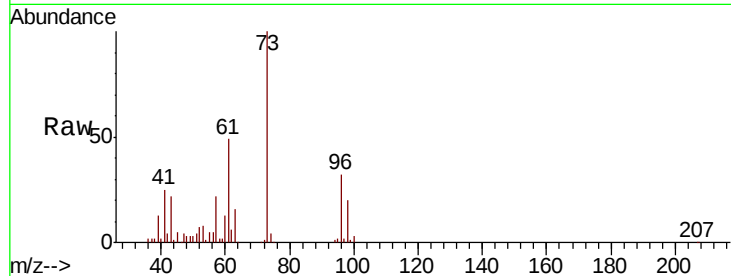
Tot Ion: 96 Resp: 132955

Ion Ratio Lower Upper

96 100

61 154.6 120.2 180.2

98 63.1 52.6 79.0

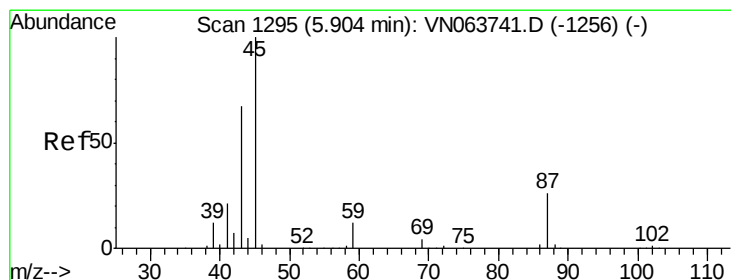
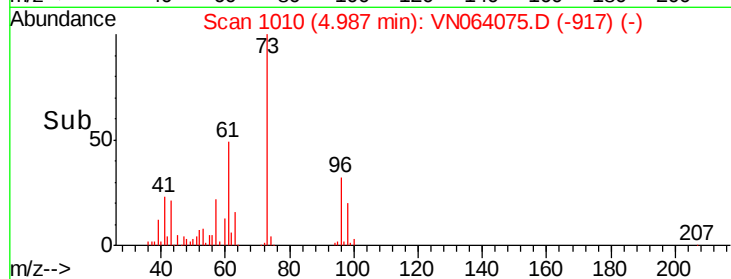
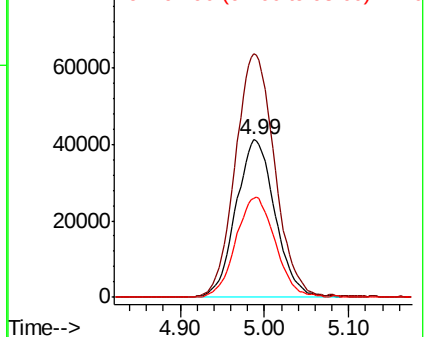


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 58.652 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Tgt Ion: 45 Resp: 550022

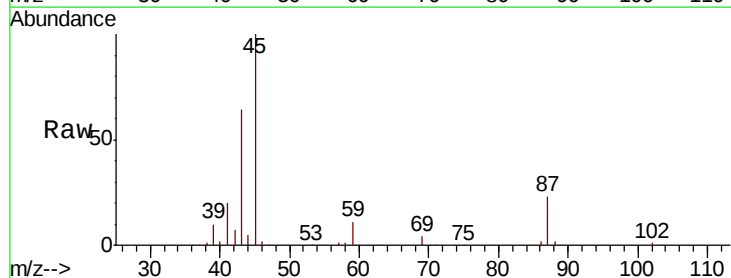
Ion Ratio Lower Upper

45 100

43 63.5 53.7 80.5

87 23.3 21.1 31.7

59 10.8 9.2 13.8



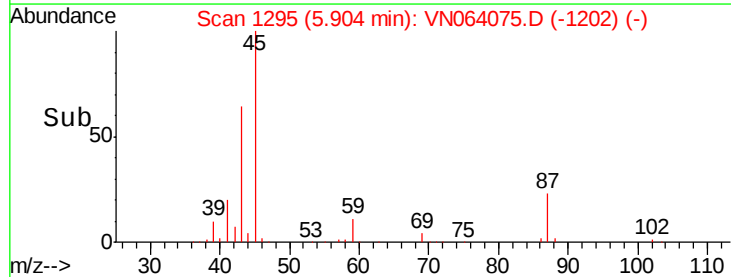
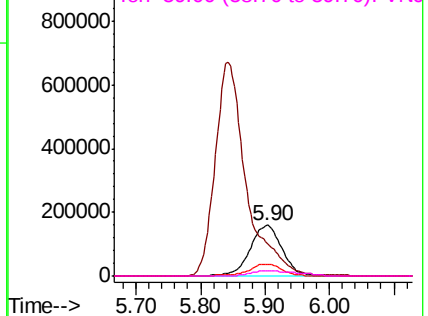
Abundance

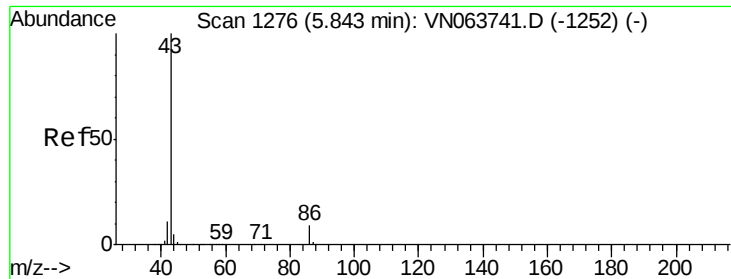
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 289.851 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

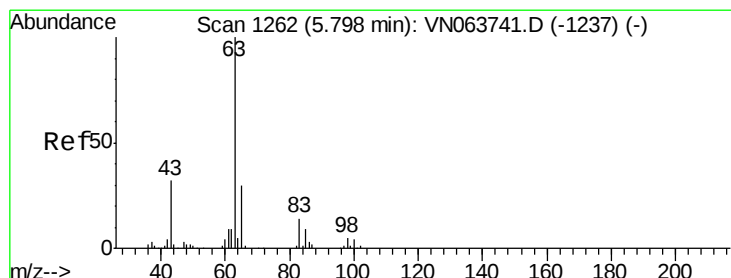
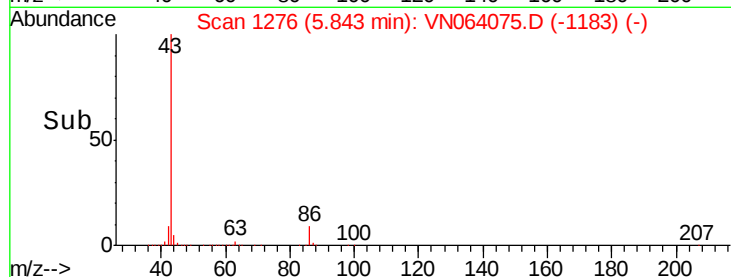
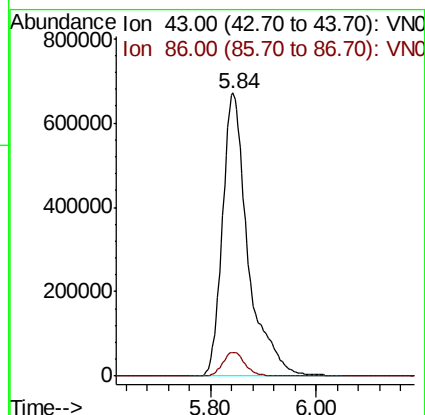
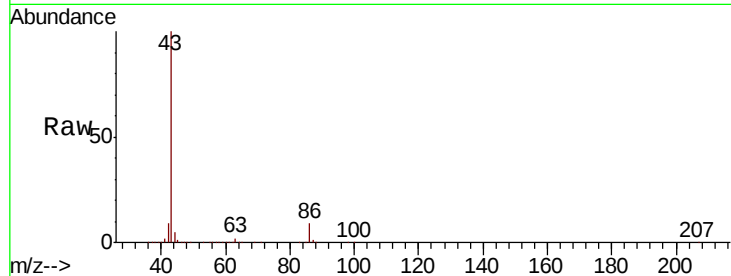
VSTDCCC050EC

Tot Ion: 43 Resp: 2251599

Ion Ratio Lower Upper

43 100

86 8.5 7.3 10.9



#24

1,1-Dichloroethane

Concen: 52.462 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

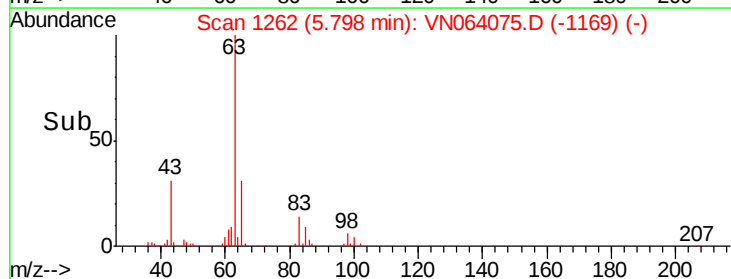
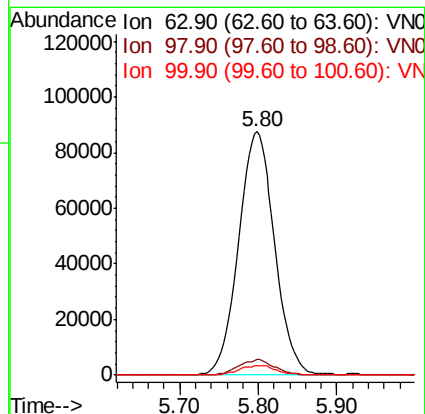
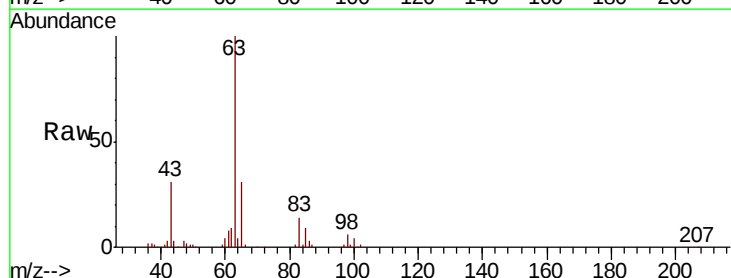
Tgt Ion: 63 Resp: 281300

Ion Ratio Lower Upper

63 100

98 6.5 2.7 8.1

100 3.7 1.9 5.7





#25

2-Butanone

Concen: 331.869 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

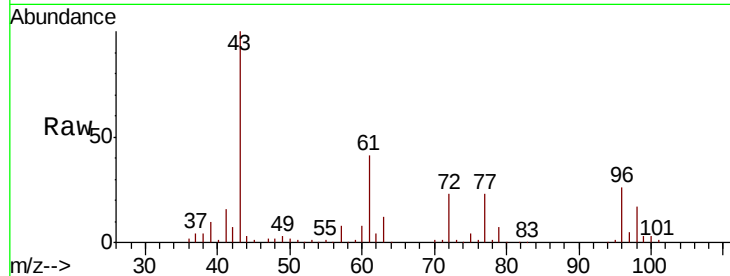
VSTDCCC050EC

Tot Ion: 43 Resp: 582986

Ion Ratio Lower Upper

43 100

72 22.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

200000

150000

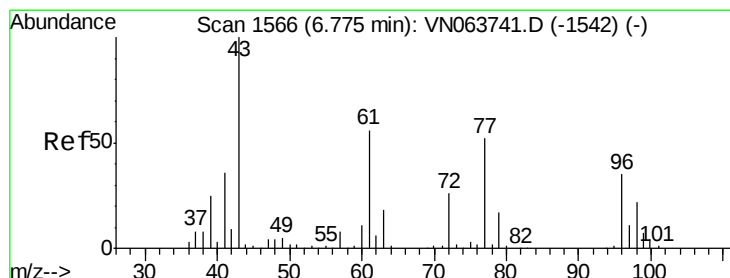
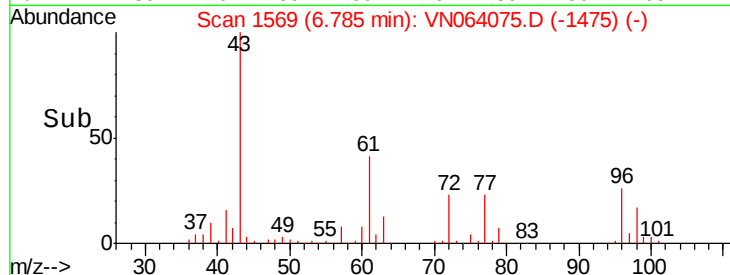
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 33.410 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064075.D

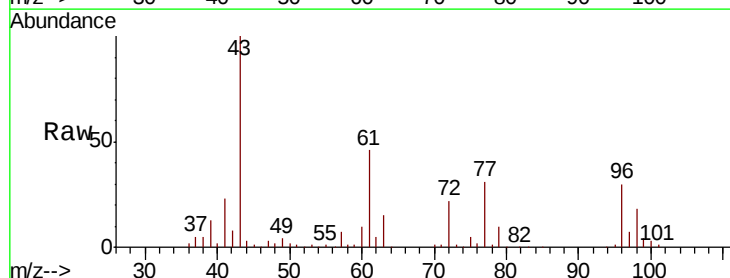
Acq: 10 Oct 2020 7:37

Tgt Ion: 77 Resp: 164053

Ion Ratio Lower Upper

77 100

97 22.3 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

60000

50000

40000

30000

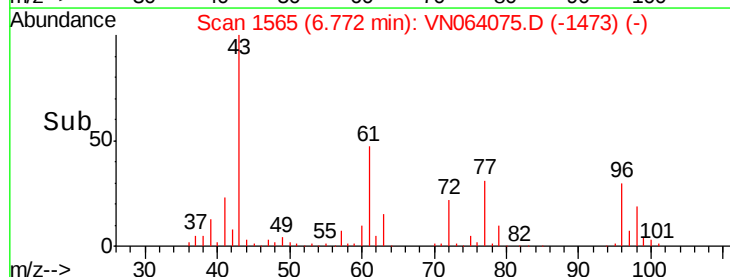
20000

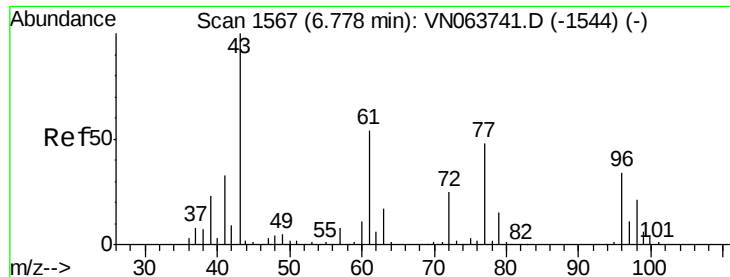
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.695 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

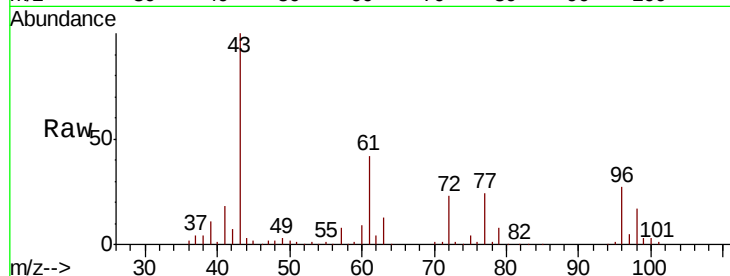
Tot Ion: 96 Resp: 157063

Ion Ratio Lower Upper

96 100

61 157.4 0.0 321.2

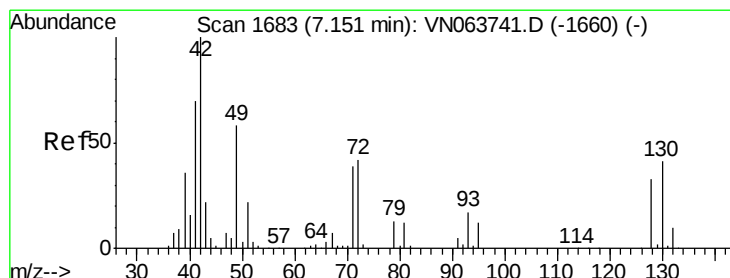
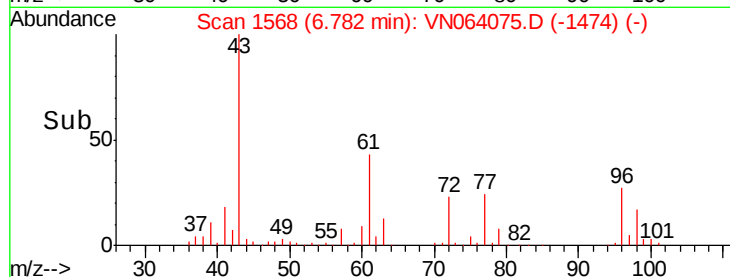
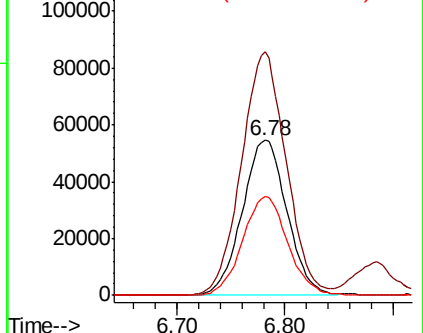
98 64.3 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 55.413 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

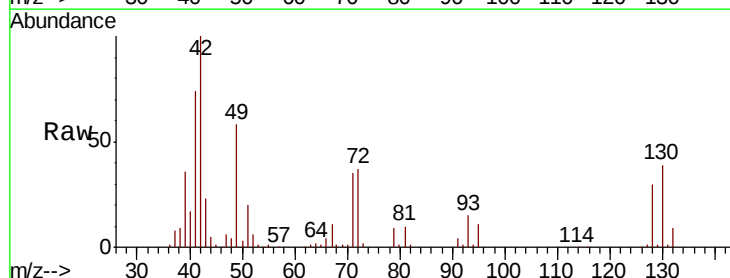
Tgt Ion: 49 Resp: 146851

Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.8

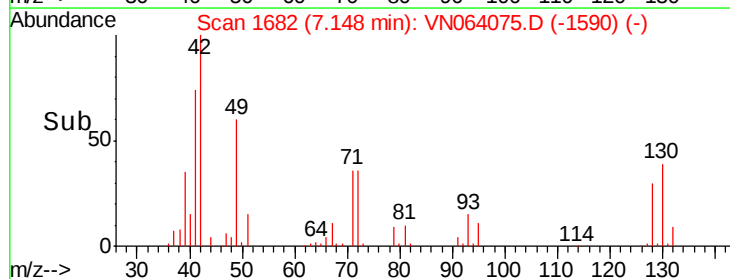
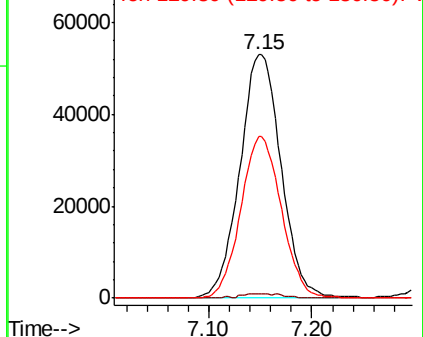
130 65.6 55.6 83.4

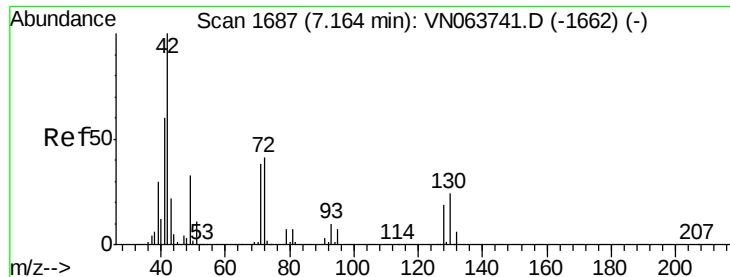


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 337.979 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

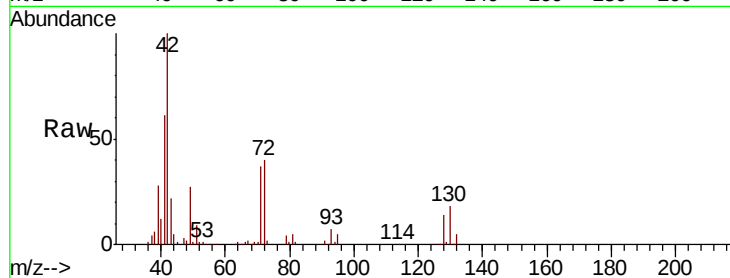
Tot Ion: 42 Resp: 398204

Ion Ratio Lower Upper

42 100

72 38.6 32.8 49.2

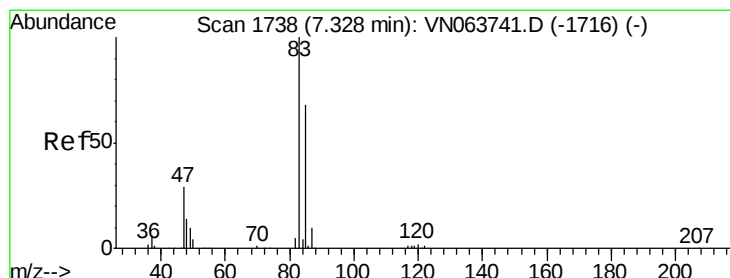
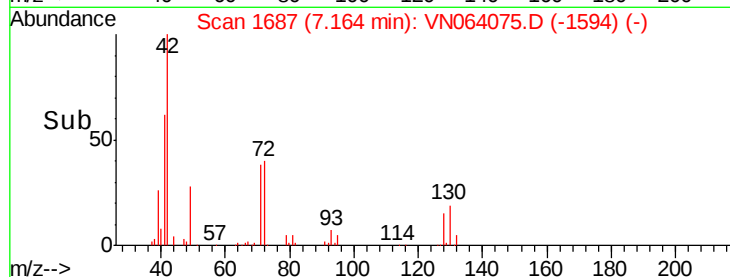
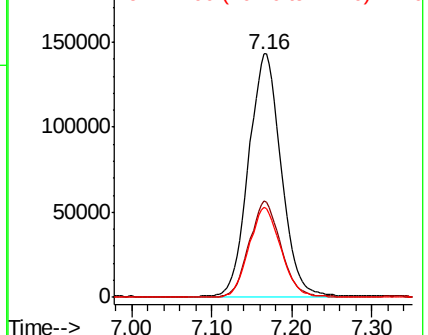
71 36.3 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 51.186 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064075.D

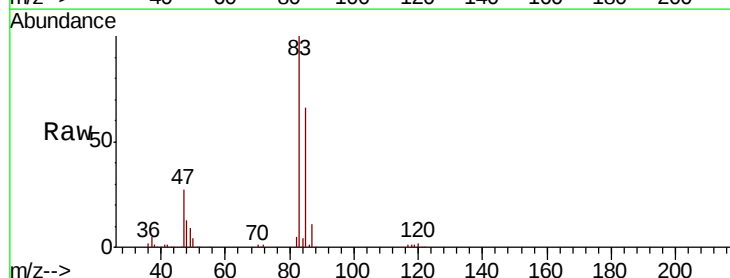
Acq: 10 Oct 2020 7:37

Tgt Ion: 83 Resp: 286167

Ion Ratio Lower Upper

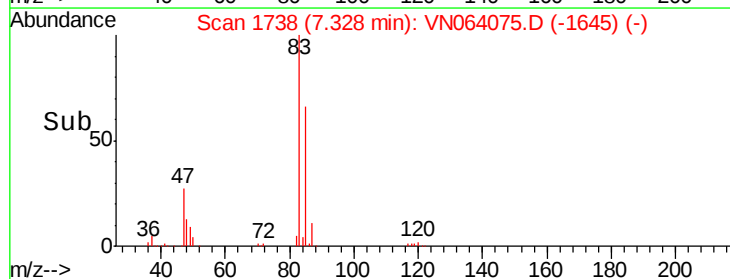
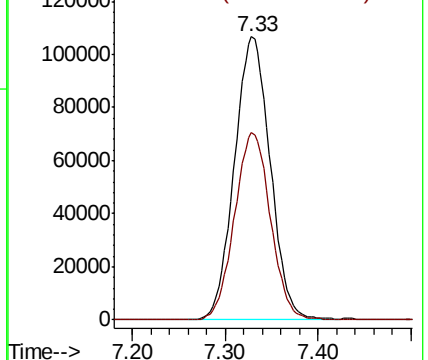
83 100

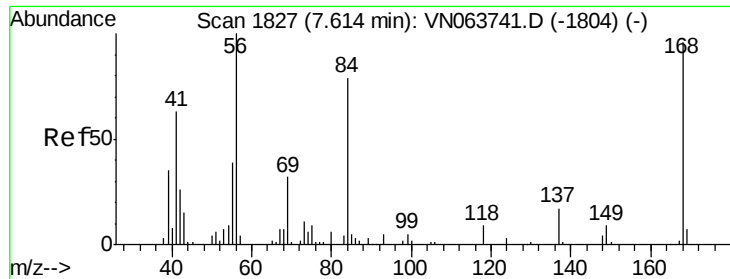
85 66.0 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

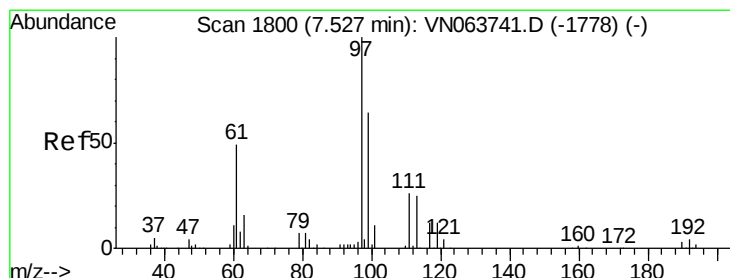
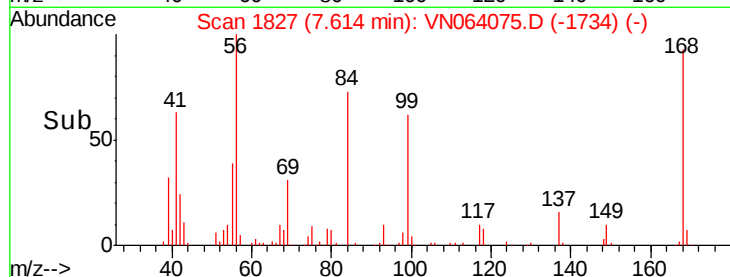
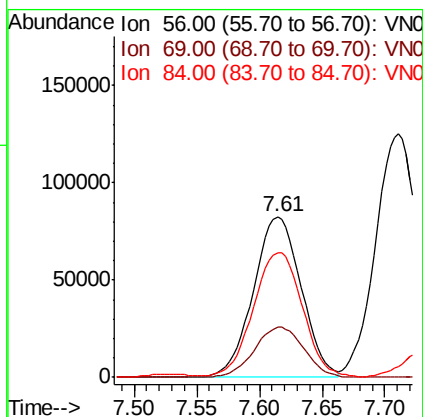
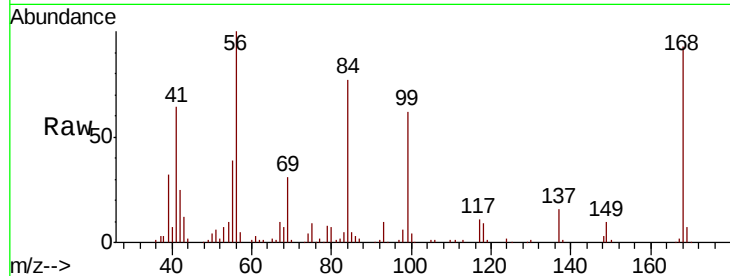




#31
Cyclohexane
Concen: 46.944 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

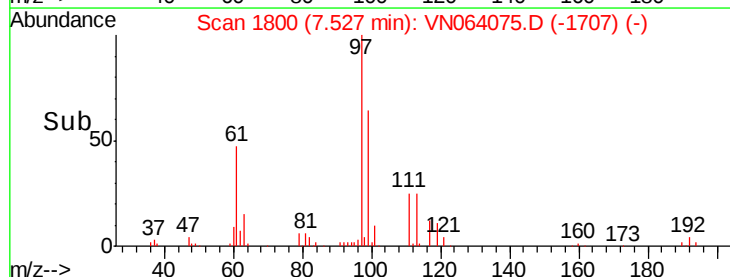
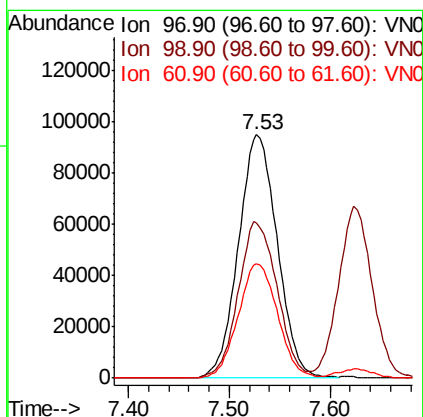
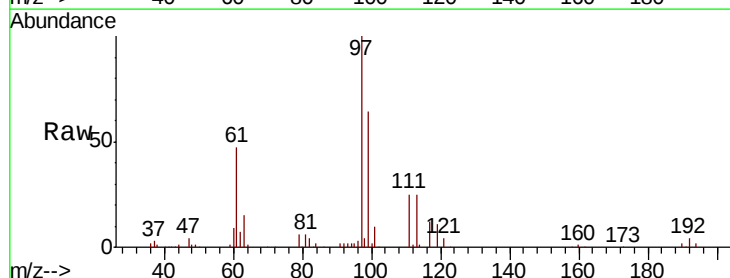
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

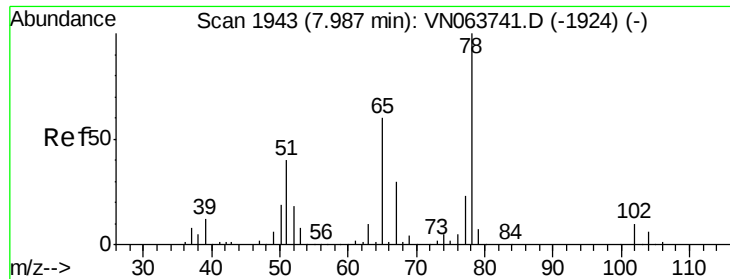
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.4	38.2
84	76.1	63.3	94.9



#32
1,1,1-Trichloroethane
Concen: 50.255 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	47.7	38.7	58.1

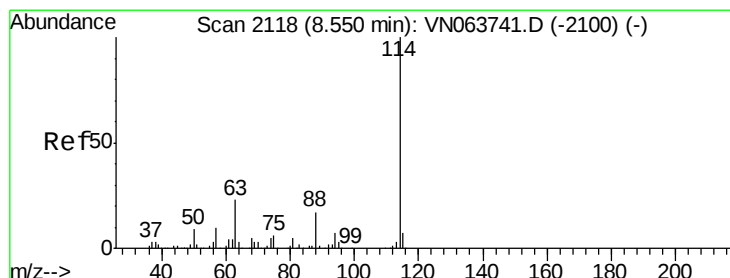
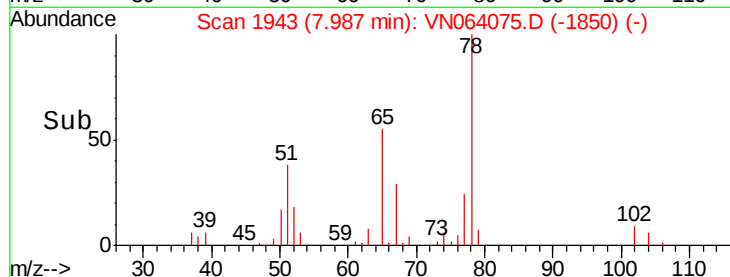
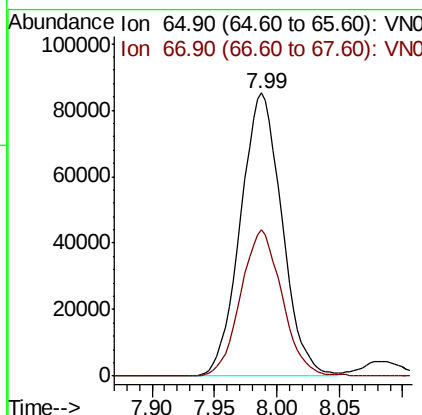
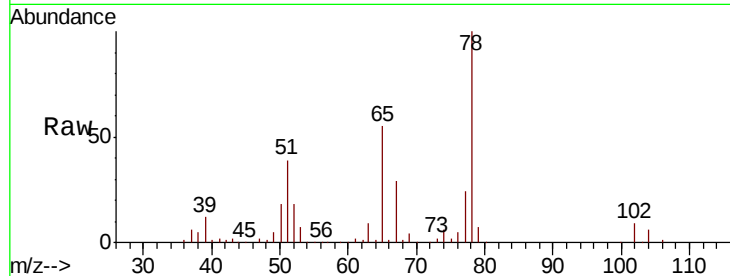




#33
 1,2-Dichloroethane-d4
 Concen: 48.703 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

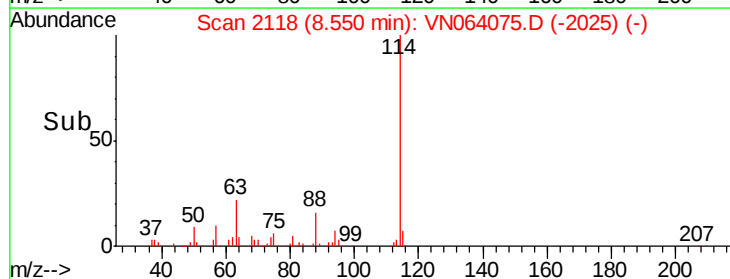
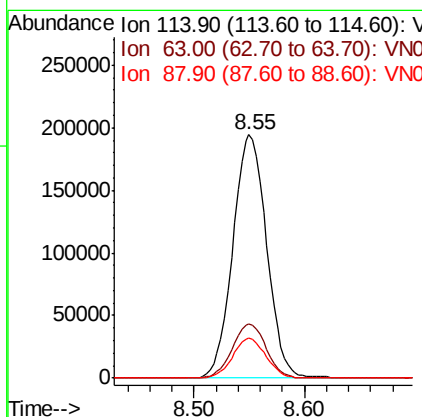
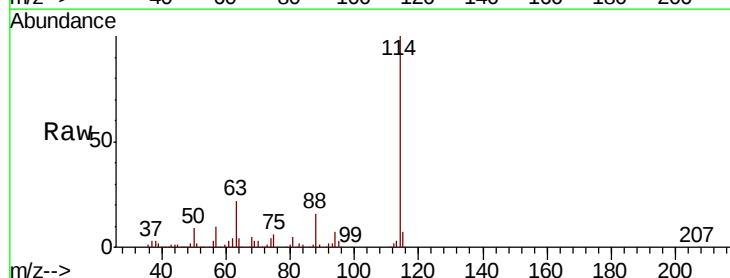
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 196034
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion: 114 Resp: 411695
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.4 0.0 34.0

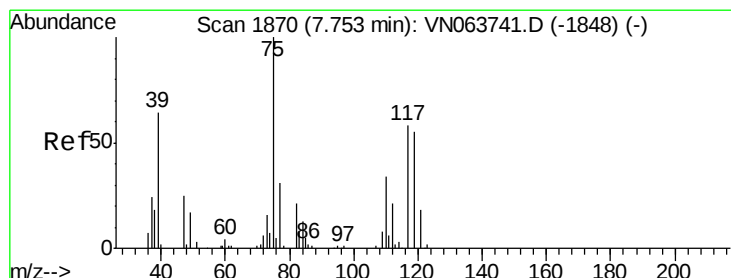
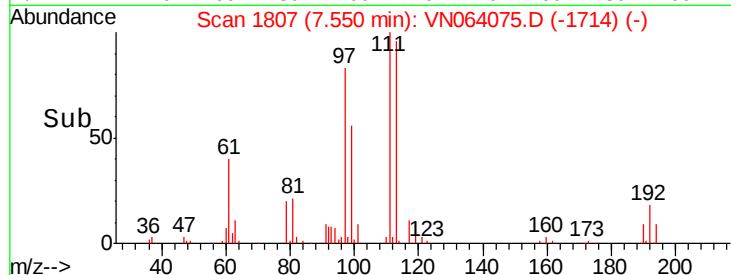
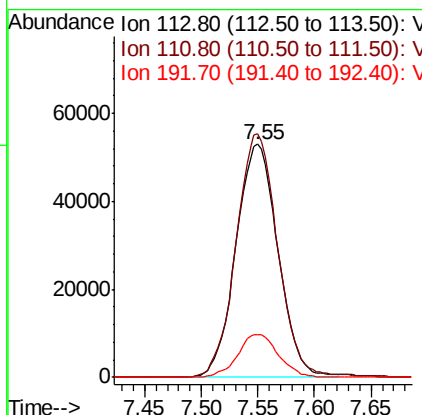
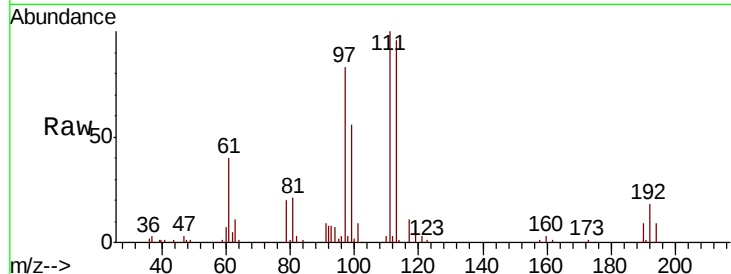




#35
 Dibromofluoromethane
 Concen: 48.016 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

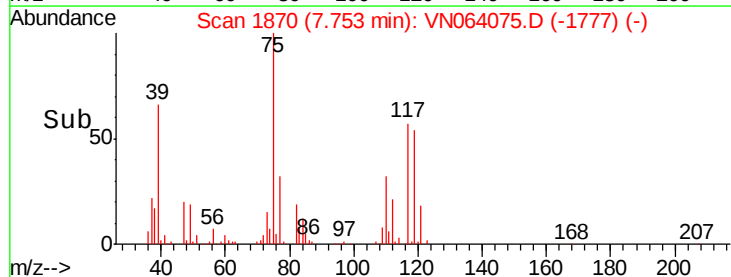
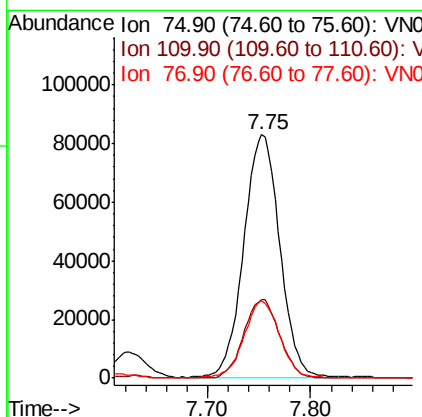
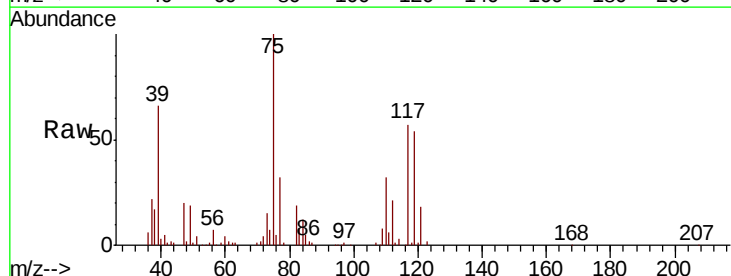
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

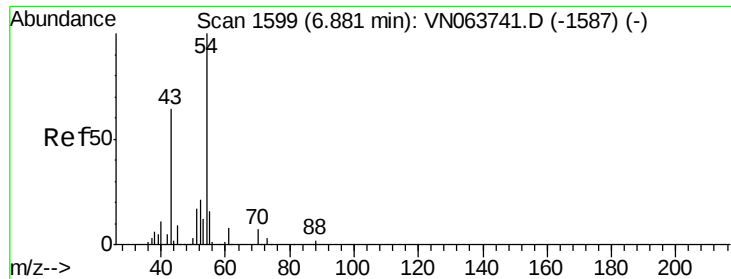
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	17.8	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 48.027 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.9	50.6
77	31.7	24.5	36.7

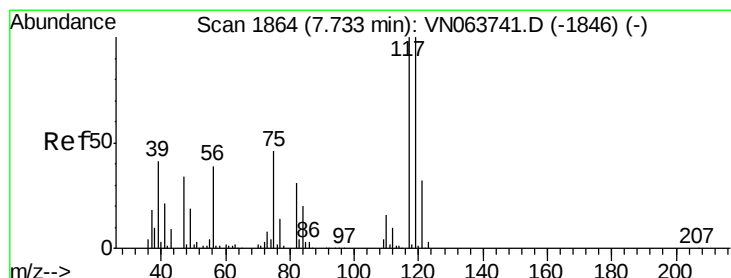
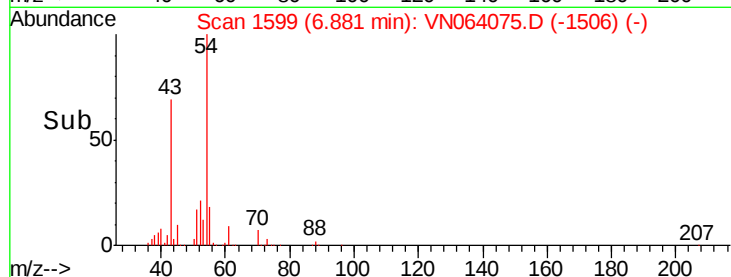
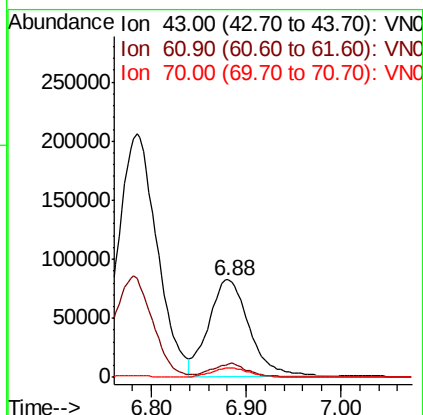
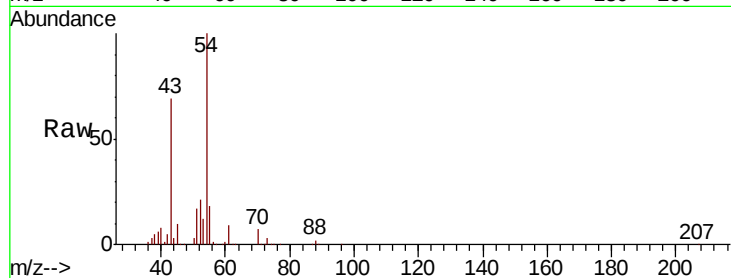




#37
Ethyl Acetate
Concen: 59.156 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

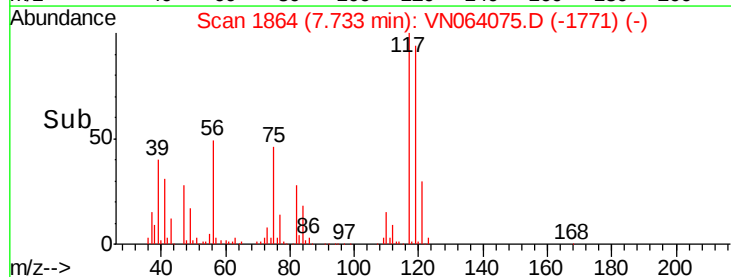
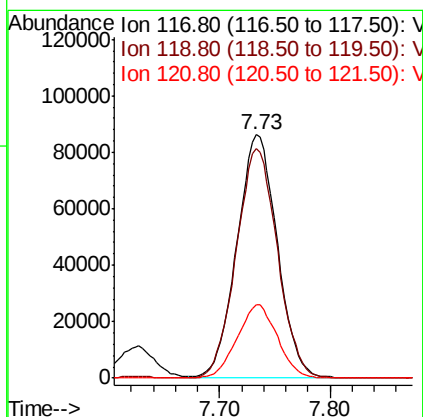
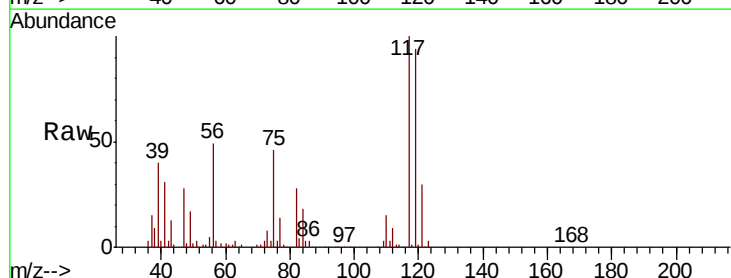
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

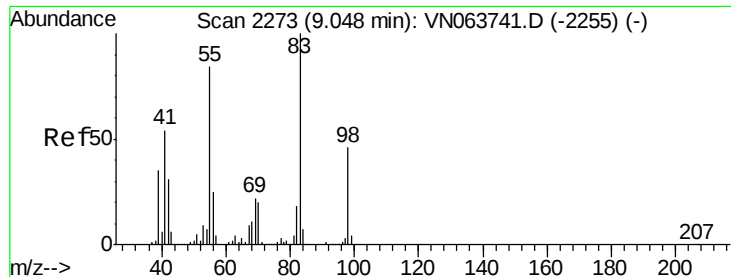
Tot Ion: 43 Resp: 245131
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 9.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 46.465 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 117 Resp: 217316
Ion Ratio Lower Upper
117 100
119 94.4 80.1 120.1
121 30.5 25.7 38.5

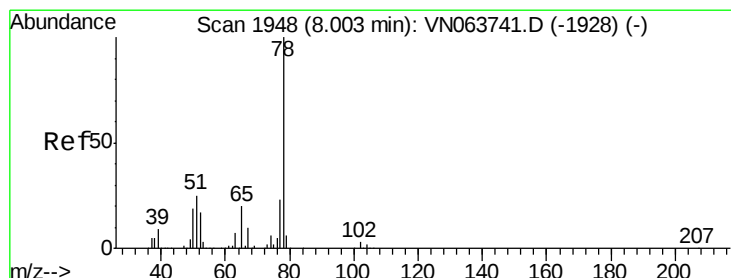
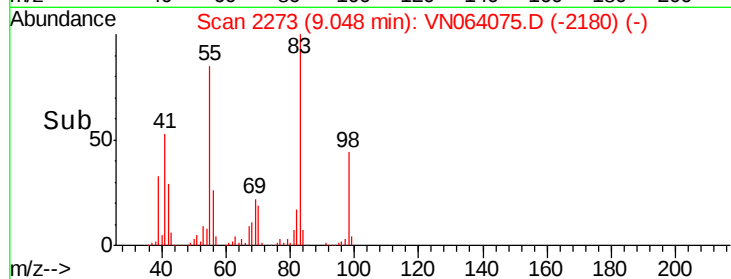
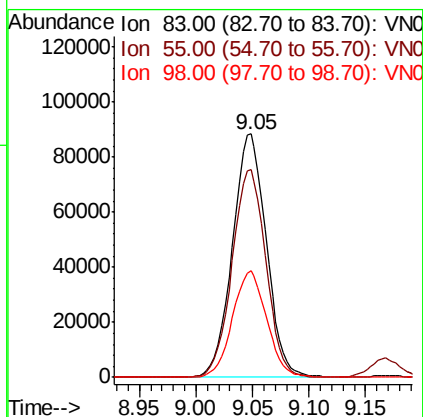
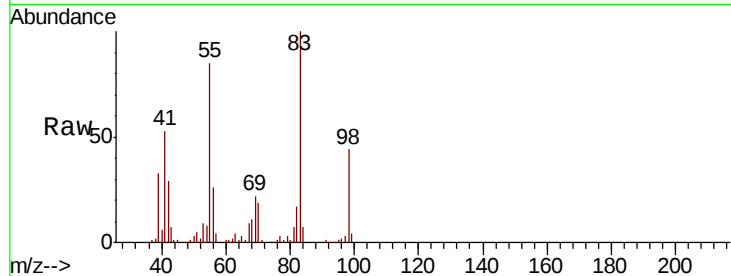




#39
Methvlcvclohexane
Concen: 44.358 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

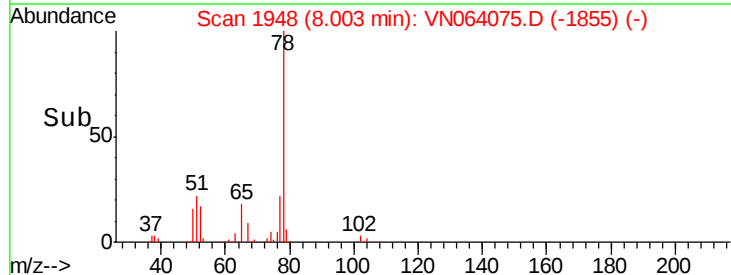
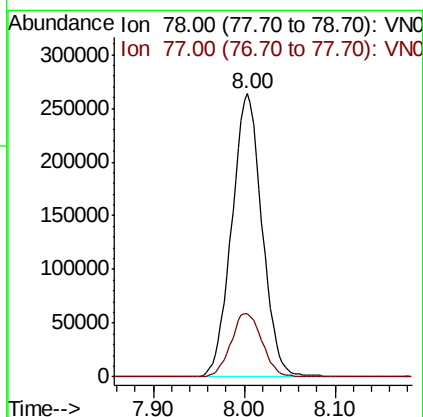
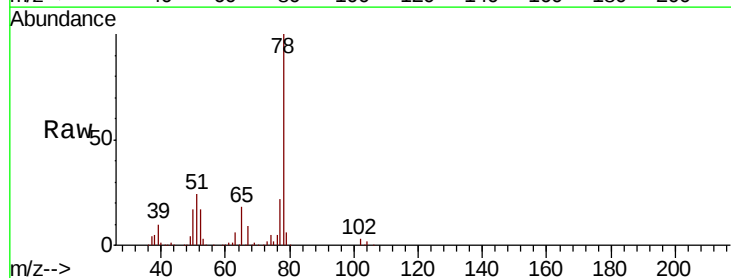
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

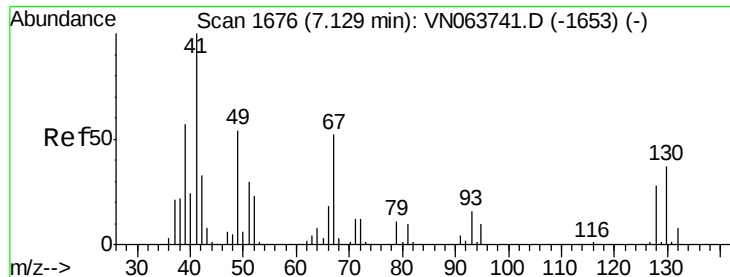
Tot Ion	83	Resp	184498
Ion Ratio	Lower	Upper	
83	100		
55	85.2	67.1	100.7
98	43.9	36.6	54.8



#40
Benzene
Concen: 51.055 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	78	Resp	608223
Ion Ratio	Lower	Upper	
78	100		
77	22.4	18.7	28.1

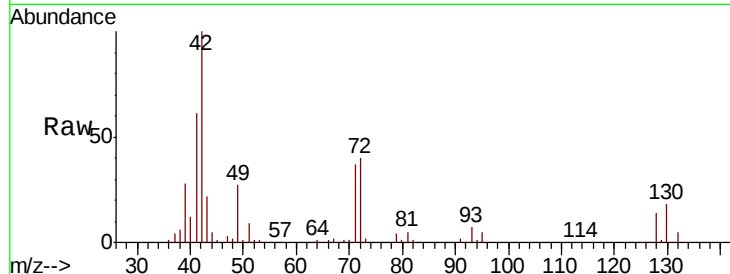




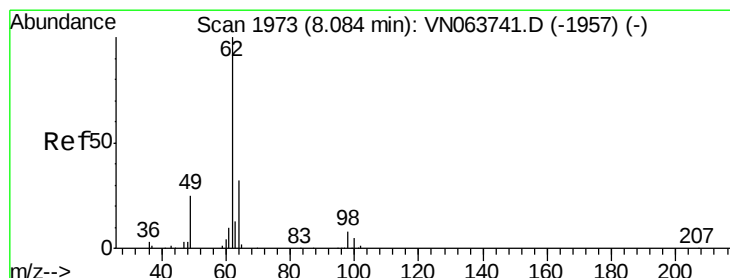
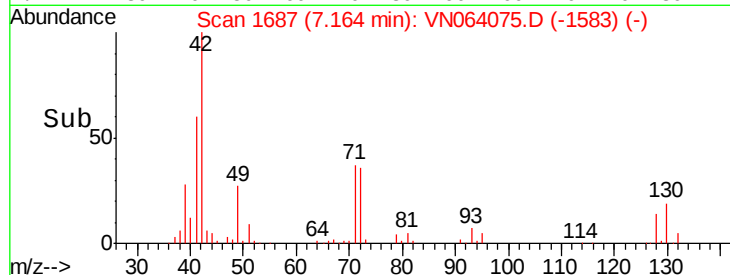
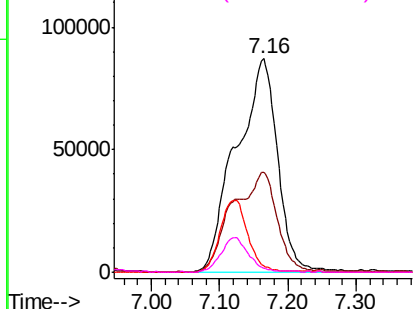
#41
Methacrylonitrile
Concen: 199.359 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

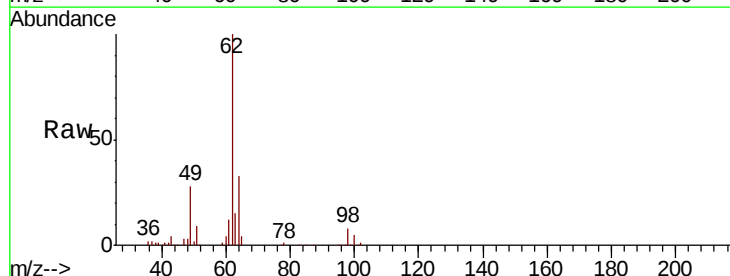


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

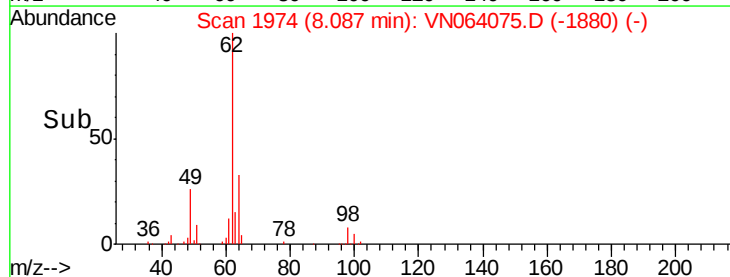
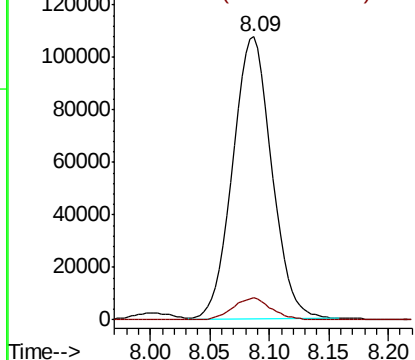


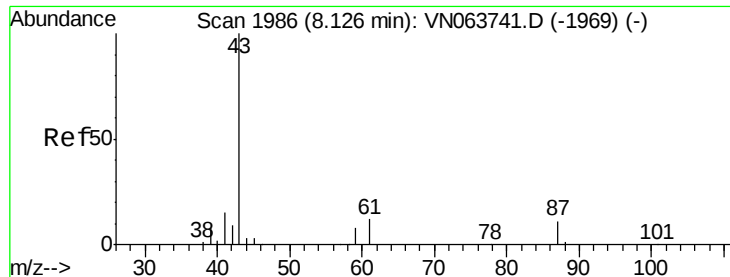
#42
1,2-Dichloroethane
Concen: 48.073 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 58.205 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

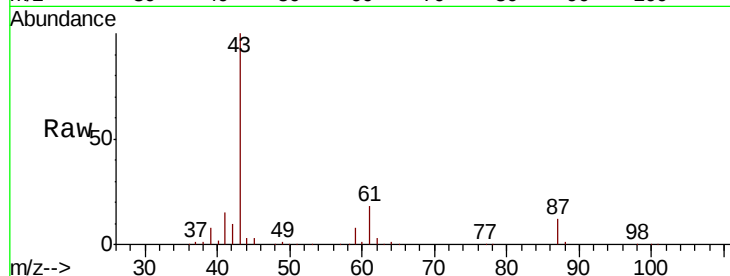
Tot Ion: 43 Resp: 397833

Ion Ratio Lower Upper

43 100

61 17.5 14.2 21.4

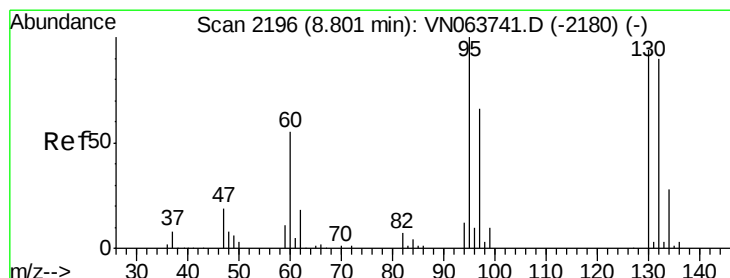
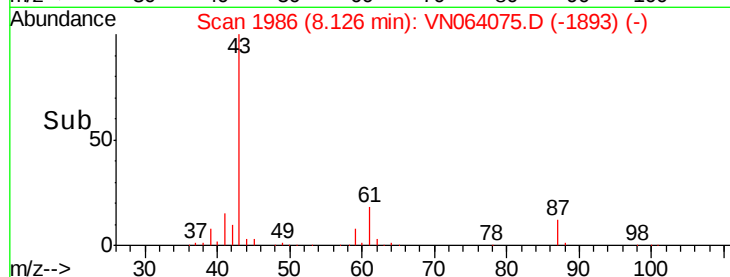
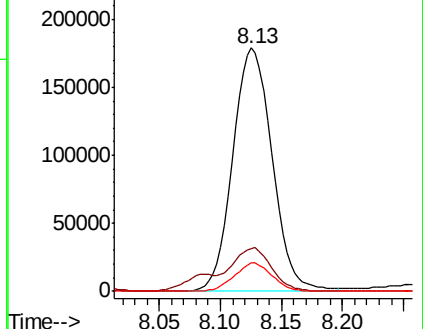
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 47.201 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064075.D

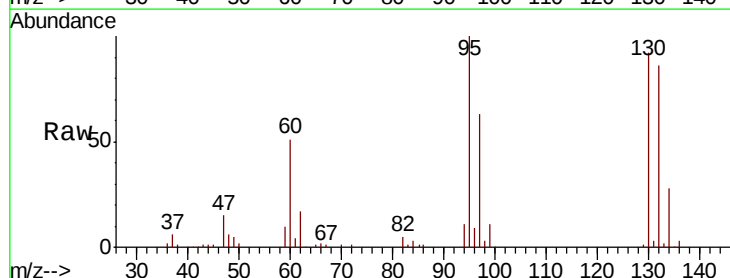
Acq: 10 Oct 2020 7:37

Tgt Ion:130 Resp: 147331

Ion Ratio Lower Upper

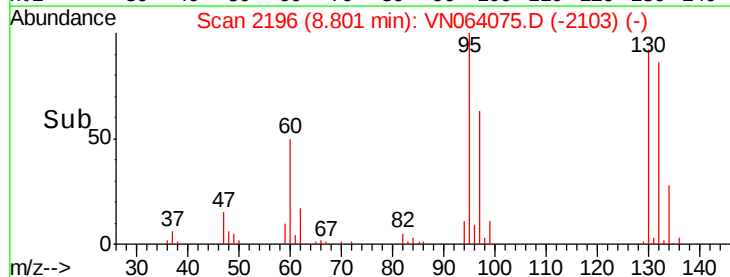
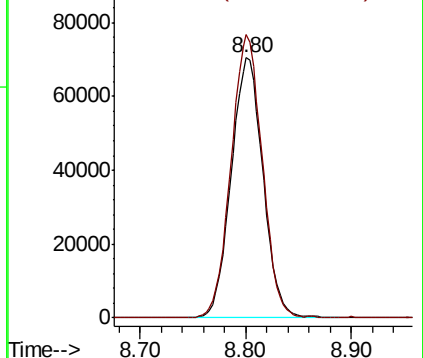
130 100

95 108.9 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

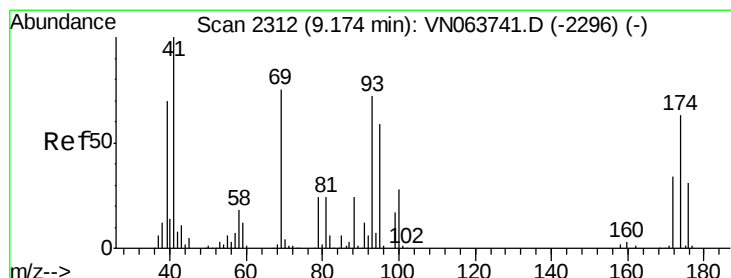
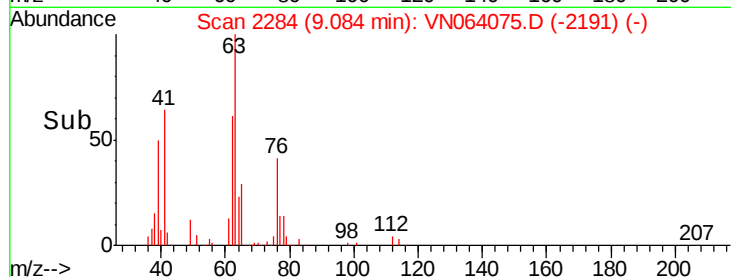
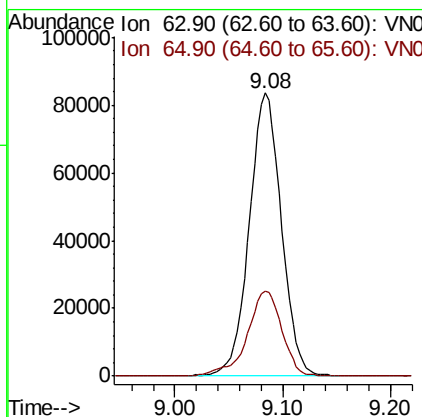
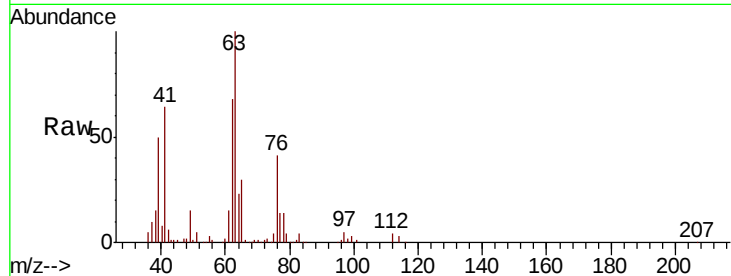




#45
 1,2-Dichloropropane
 Concen: 53.631 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

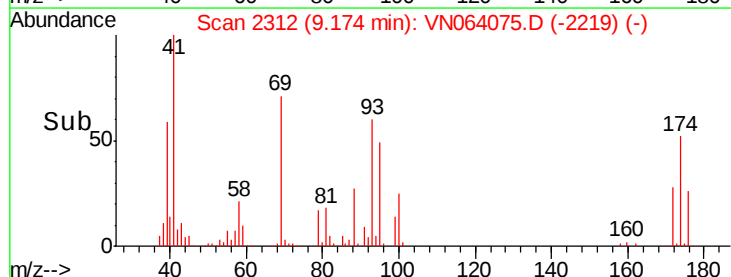
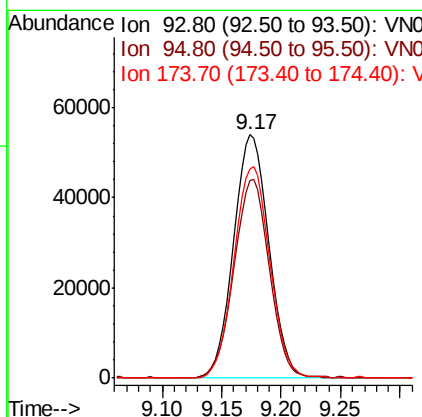
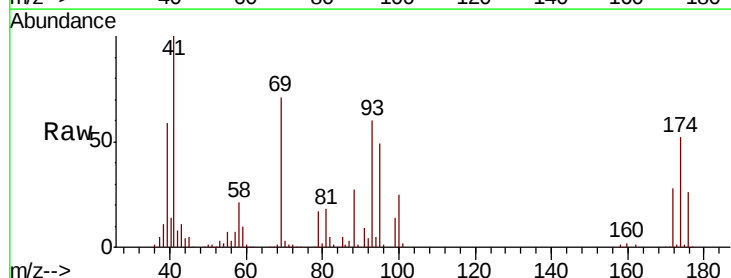
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

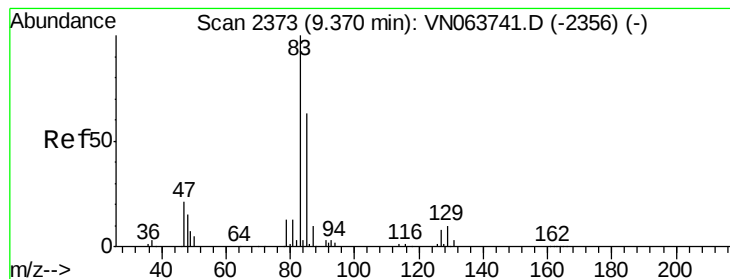
Tot Ion: 63 Resp: 172549
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1



#46
 Dibromomethane
 Concen: 50.131 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion: 93 Resp: 111265
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.3 99.5
 174 88.3 72.7 109.1





#47

Bromodichloromethane

Concen: 50.625 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

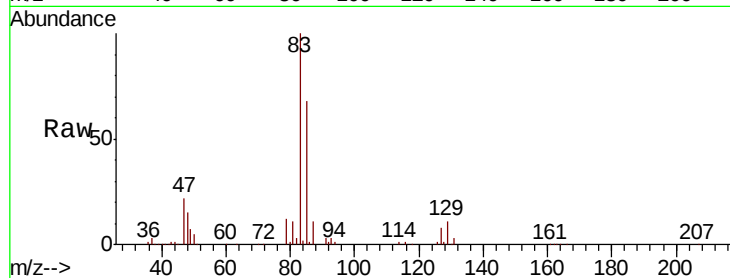
Tot Ion: 83 Resp: 231571

Ion Ratio Lower Upper

83 100

85 67.9 50.6 75.8

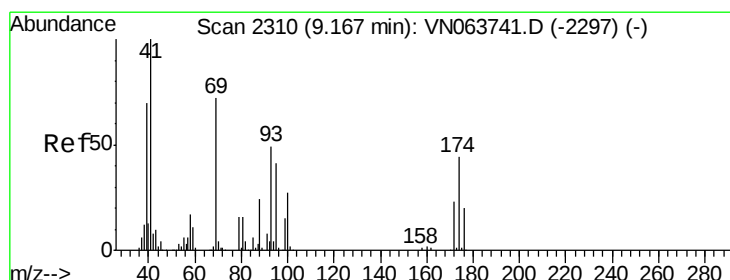
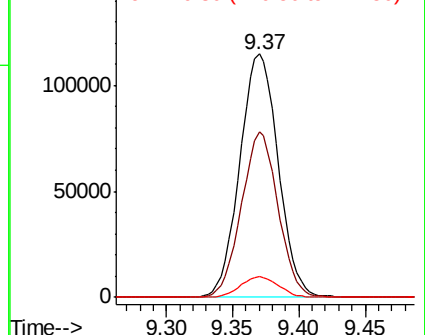
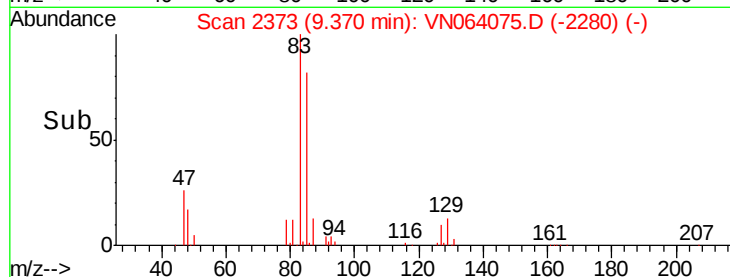
127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064075.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064075.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064075.D (-2280) (-)



#48

Methyl methacrylate

Concen: 59.537 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

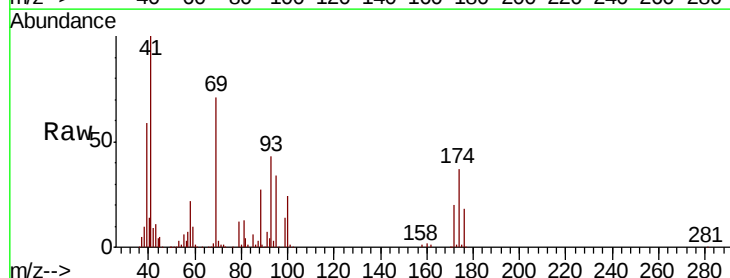
Tgt Ion: 41 Resp: 201053

Ion Ratio Lower Upper

41 100

69 73.4 60.9 91.3

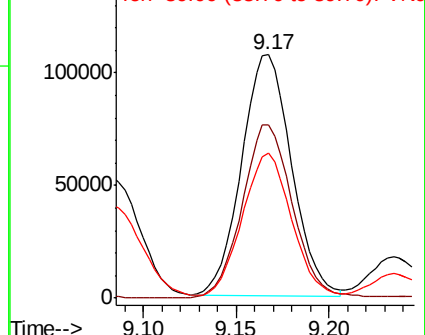
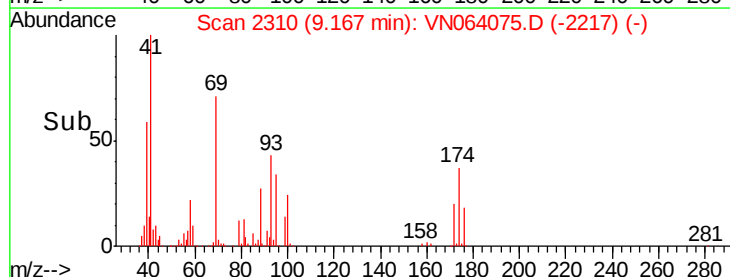
39 59.7 57.5 86.3

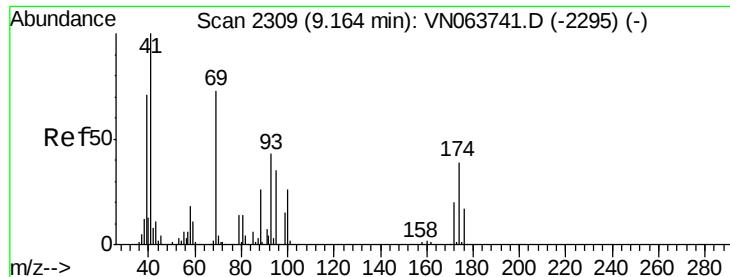


Abundance Ion 41.00 (40.70 to 41.70): VN064075.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064075.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064075.D (-2217) (-)

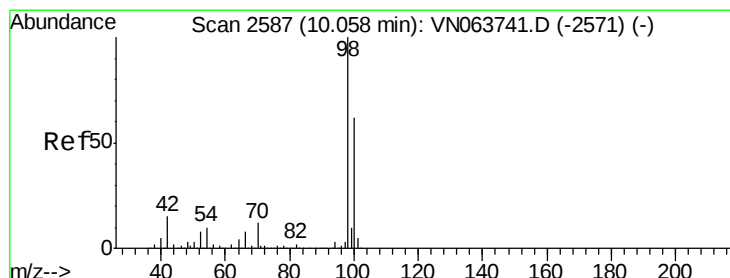
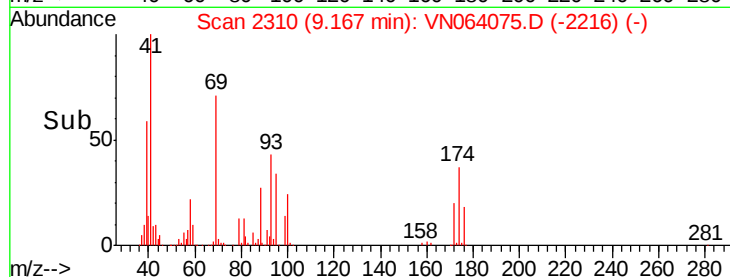
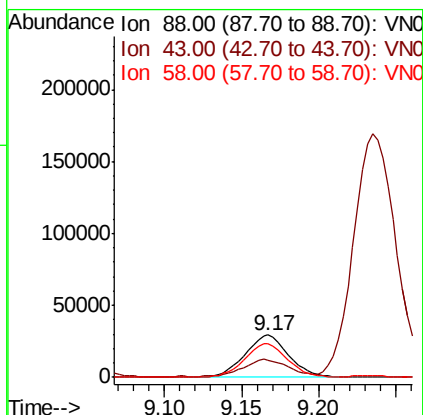
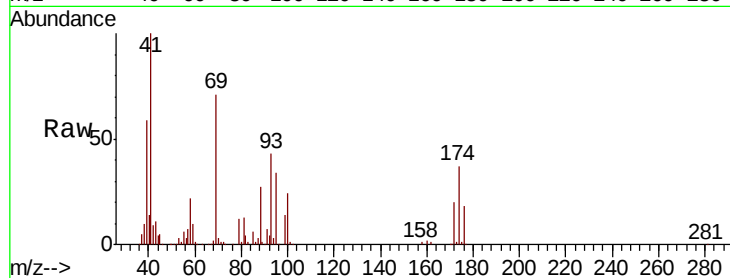




#49
1,4-Dioxane
Concen: 1204.113 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

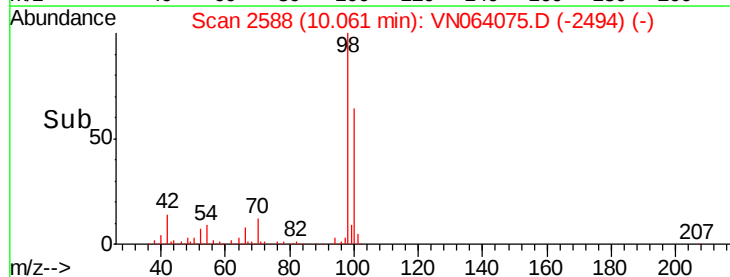
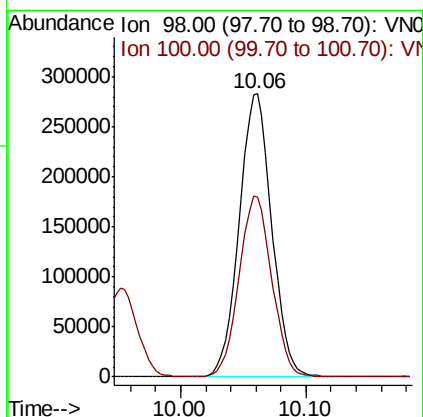
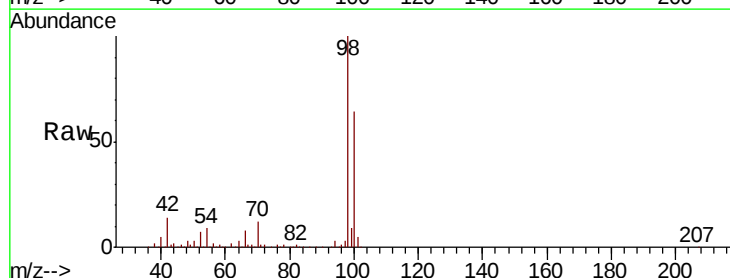
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 57790
Ion Ratio Lower Upper
88 100
43 39.7 33.1 49.7
58 78.6 58.9 88.3



#50
Toluene-d8
Concen: 47.150 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 98 Resp: 510599
Ion Ratio Lower Upper
98 100
100 63.8 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 322.946 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

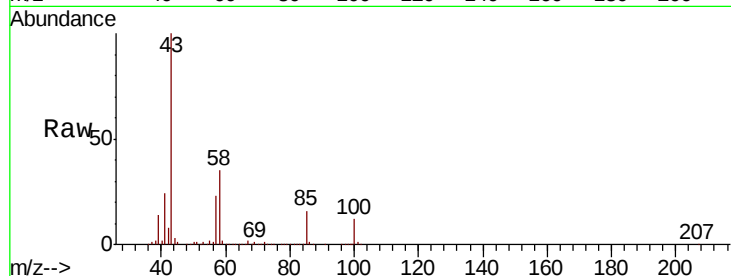
VSTDCCC050EC

Tot Ion: 43 Resp: 1295373

Ion Ratio Lower Upper

43 100

58 35.3 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

800000

600000

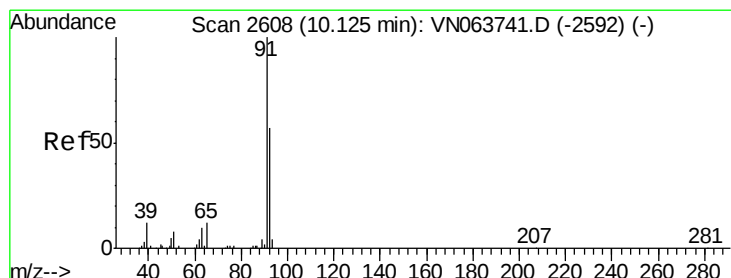
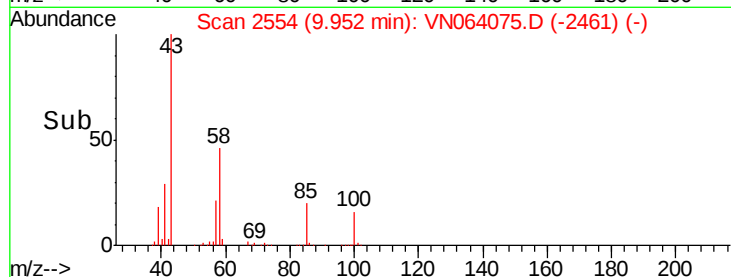
400000

200000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 51.236 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064075.D

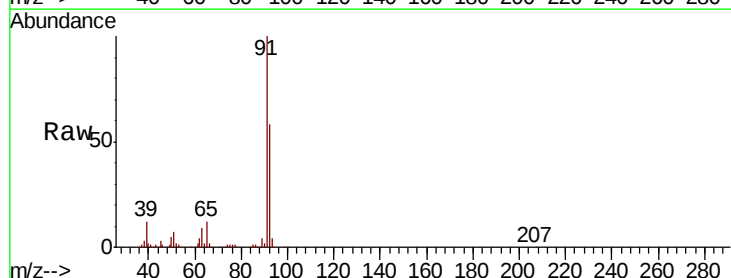
Acq: 10 Oct 2020 7:37

Tgt Ion: 92 Resp: 377544

Ion Ratio Lower Upper

92 100

91 173.8 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

10.13

400000

300000

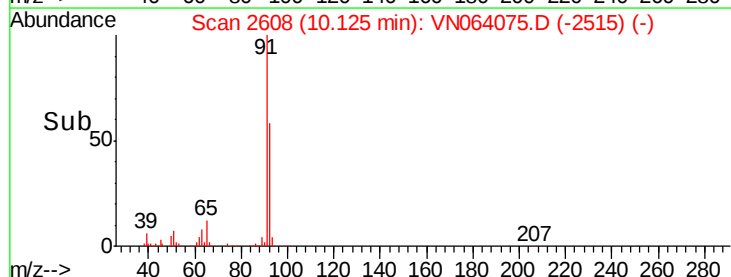
200000

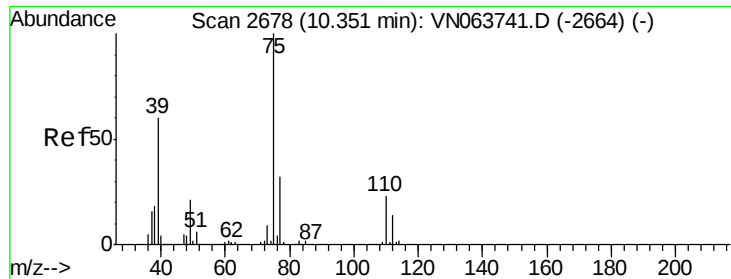
100000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.815 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

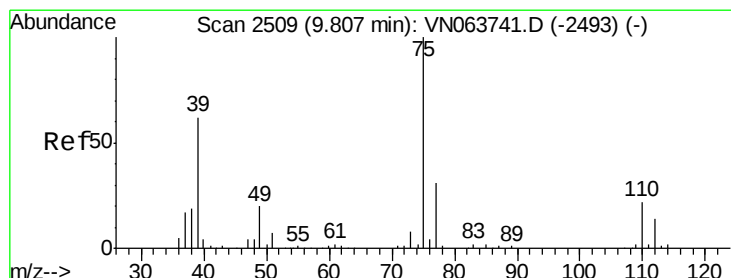
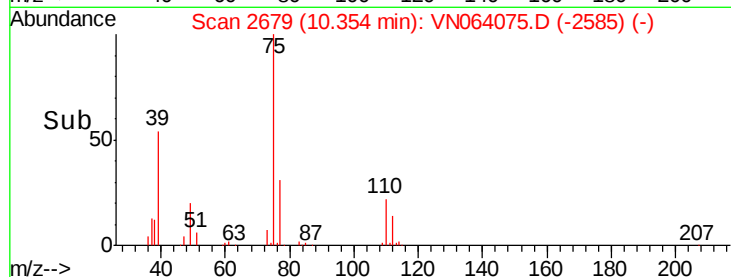
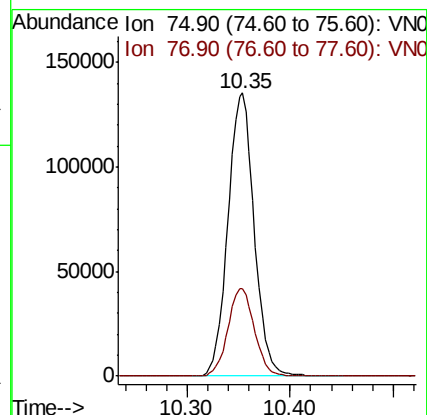
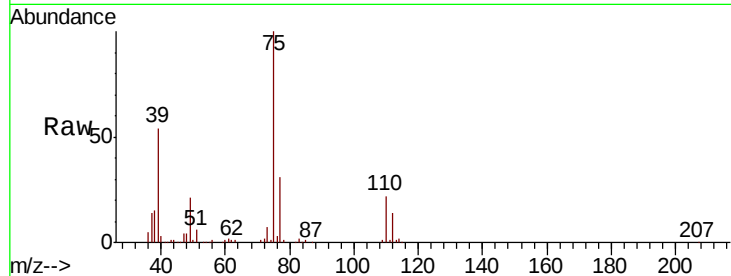
VSTDCCC050EC

Tot Ion: 75 Resp: 239355

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 48.959 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

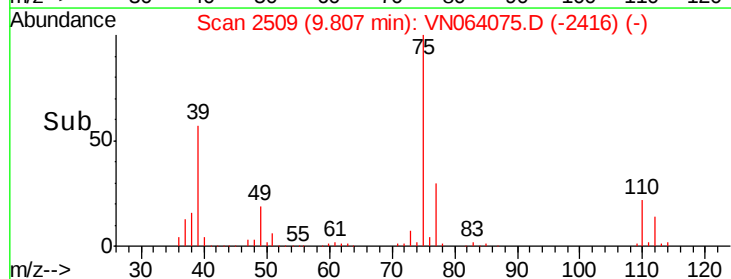
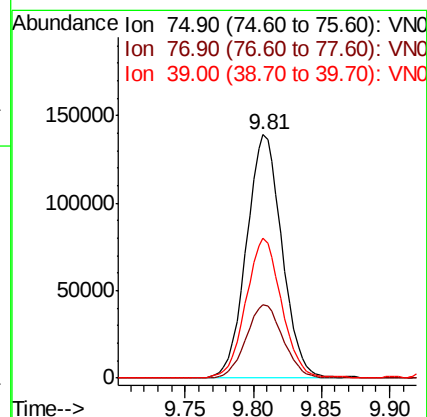
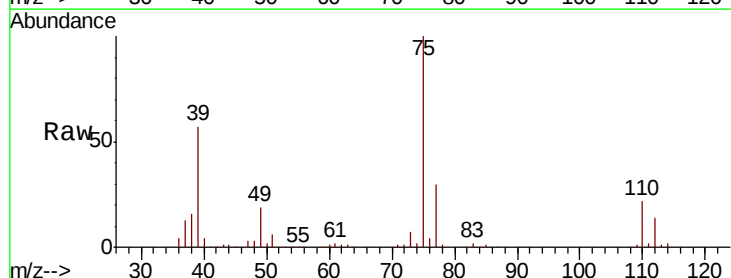
Tgt Ion: 75 Resp: 251060

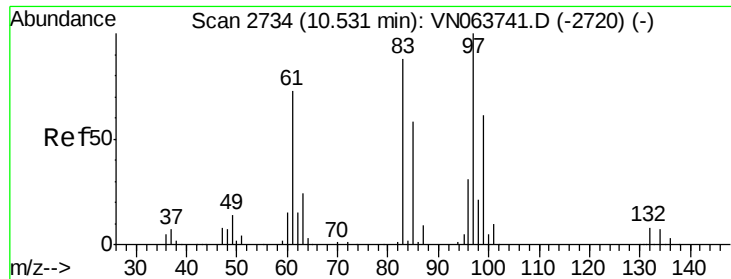
Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8

39 57.0 49.7 74.5



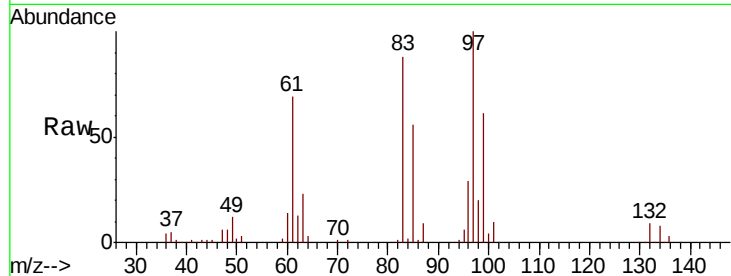


#55
 1,1,2-Trichloroethane
 Concen: 53.278 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

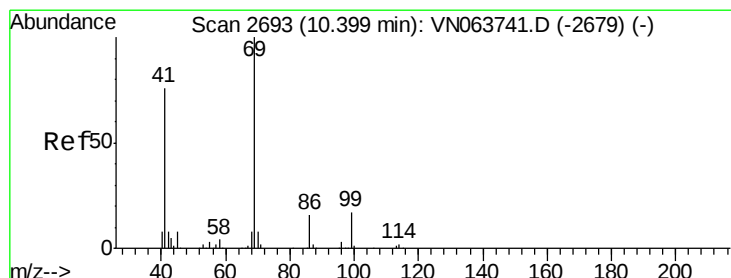
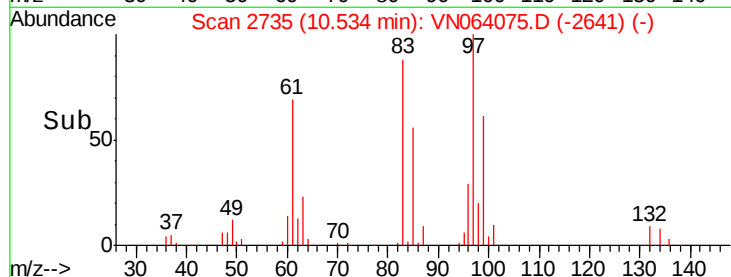
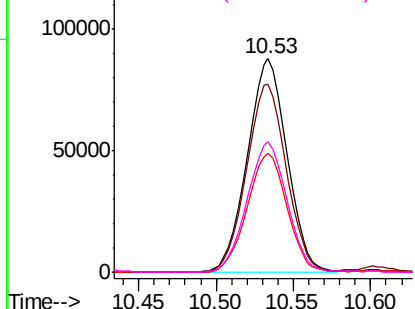
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 157439

Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.7	106.1
85	55.6	46.1	69.1
99	61.3	48.8	73.2



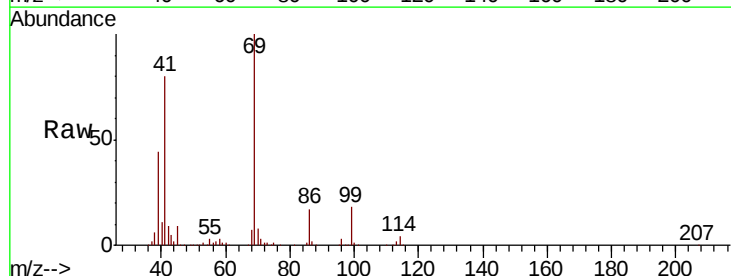
Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0



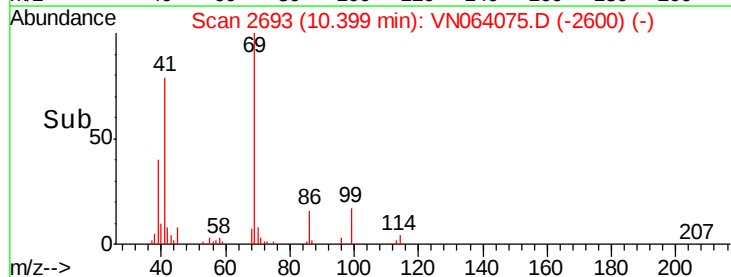
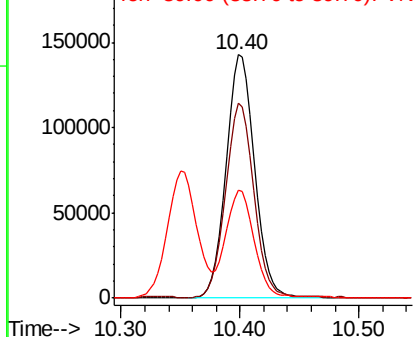
#56
 Ethyl methacrylate
 Concen: 56.862 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

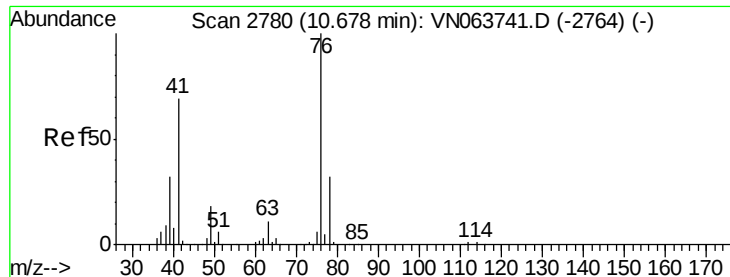
Tgt Ion: 69 Resp: 238178

Ion	Ratio	Lower	Upper
69	100		
41	78.7	61.1	91.7
39	43.9	42.2	63.4



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.609 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

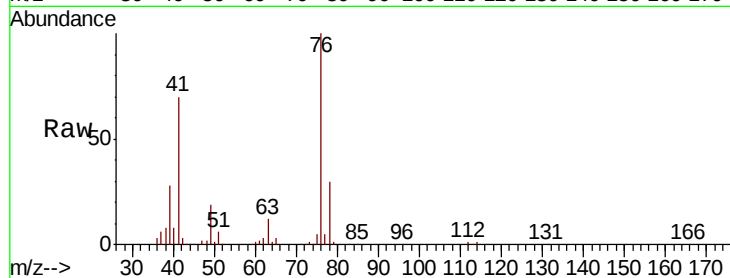
VSTDCCC050EC

Tot Ion: 76 Resp: 268018

Ion Ratio Lower Upper

76 100

78 31.7 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN064075.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN064075.D (-2687) (-)

10.68

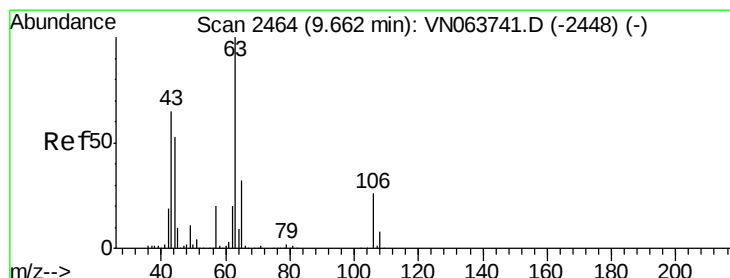
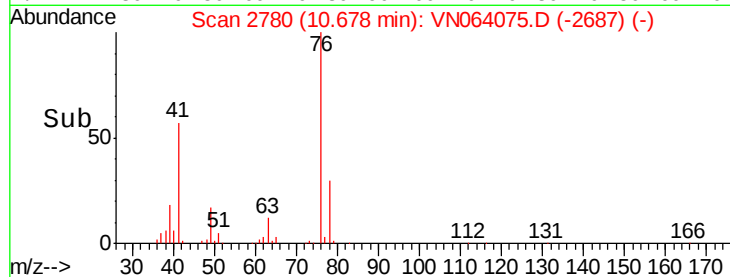
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 286.237 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064075.D

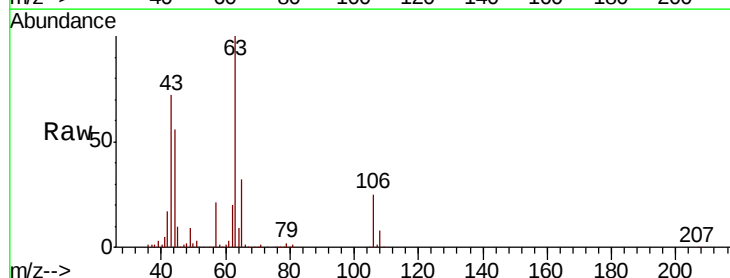
Acq: 10 Oct 2020 7:37

Tgt Ion: 63 Resp: 641337

Ion Ratio Lower Upper

63 100

106 25.1 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN064075.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064075.D (-2371) (-)

9.66

400000

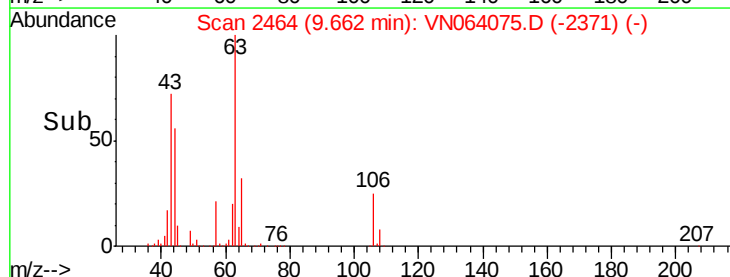
300000

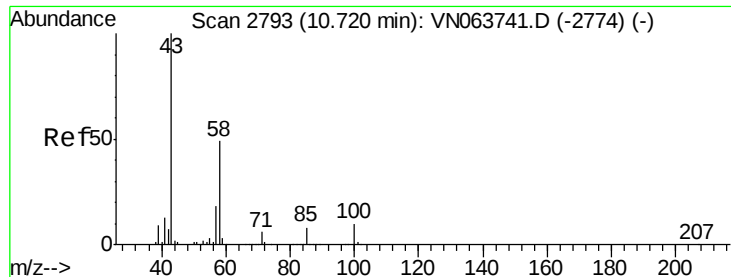
200000

100000

0

Time-->

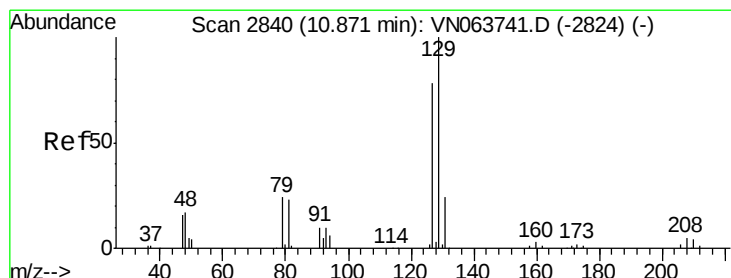
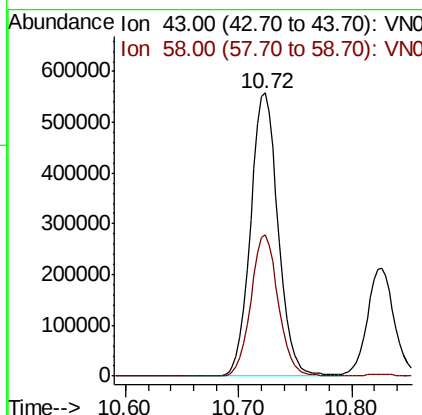
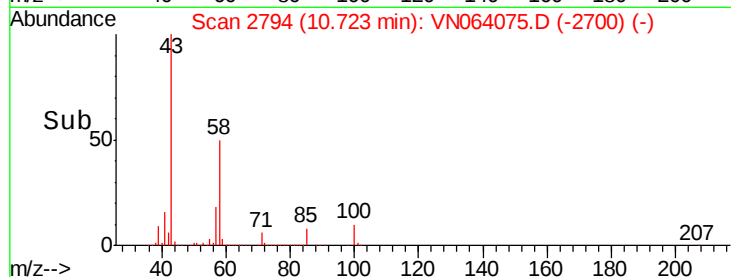
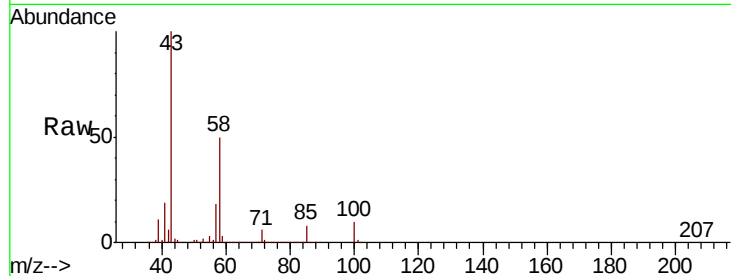




#59
2-Hexanone
Concen: 317.000 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

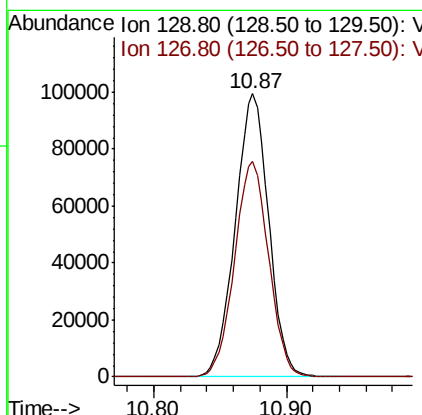
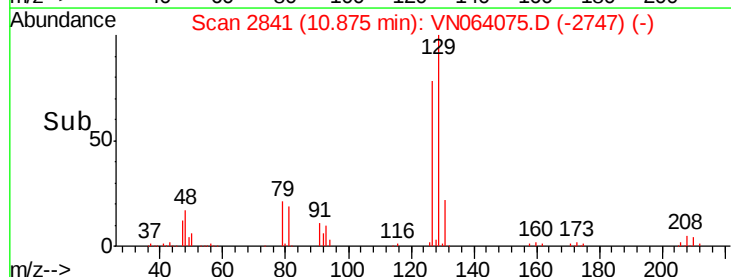
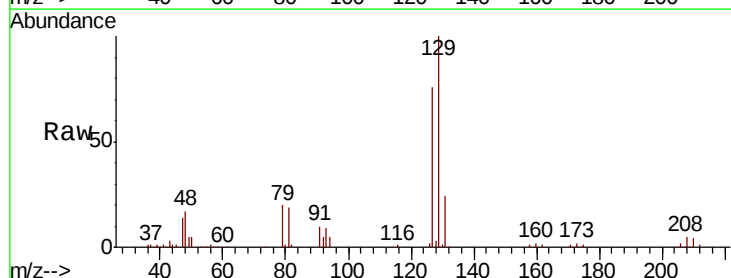
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

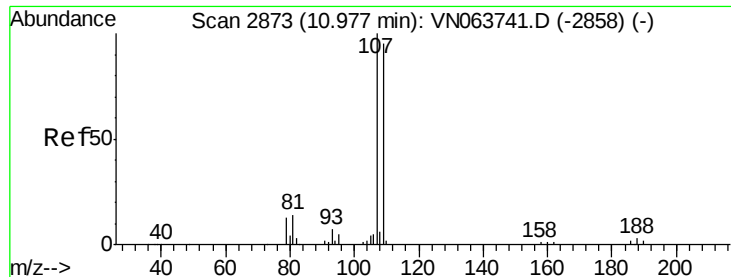
Tot Ion: 43 Resp: 944568
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.8



#60
Dibromochloromethane
Concen: 50.728 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 129 Resp: 174577
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.200 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

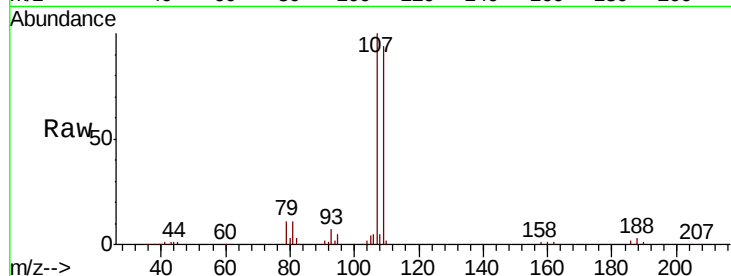
VSTDCCC050EC

Tot Ion:107 Resp: 160815

Ion Ratio Lower Upper

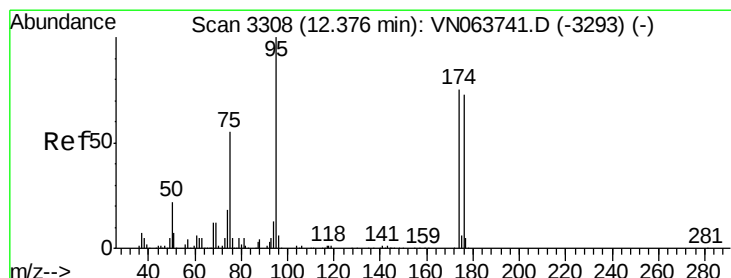
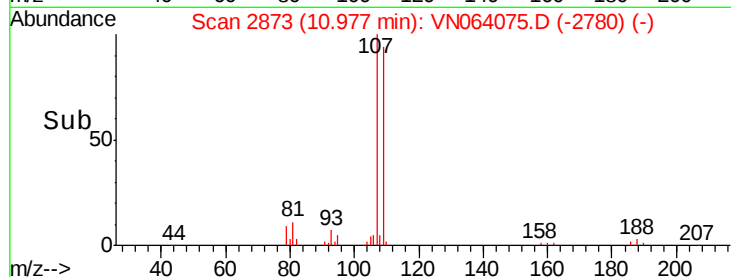
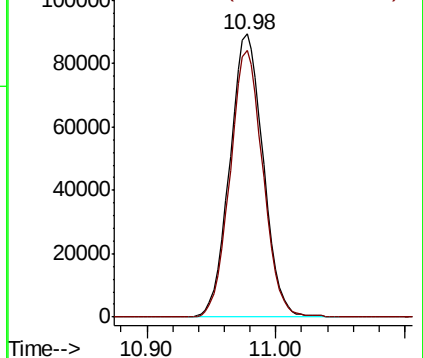
107 100

109 92.6 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.294 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

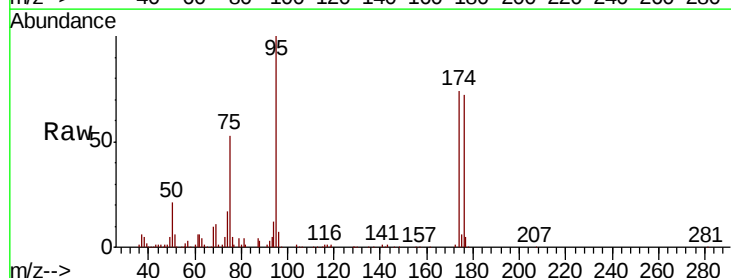
Tgt Ion: 95 Resp: 192525

Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.6

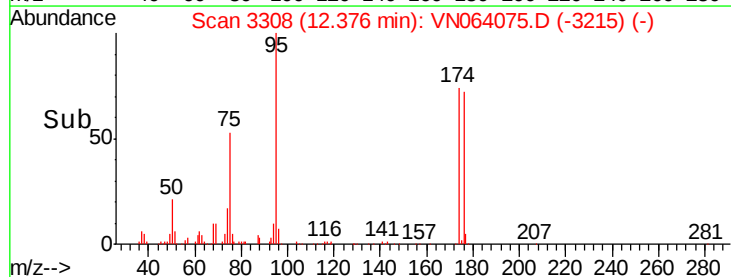
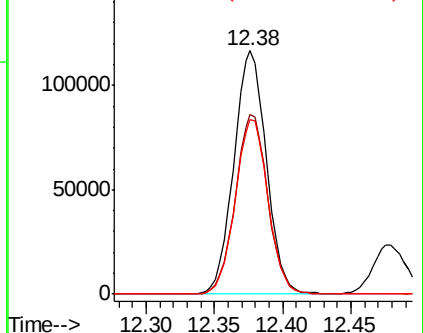
176 72.2 0.0 145.4

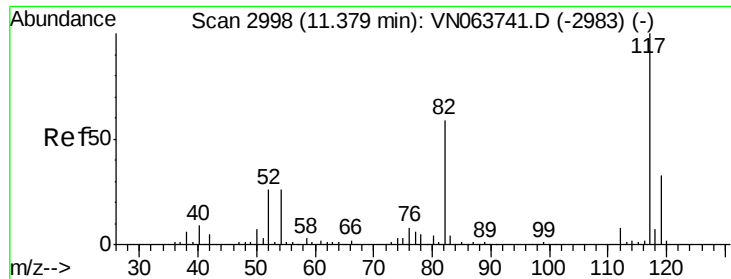


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

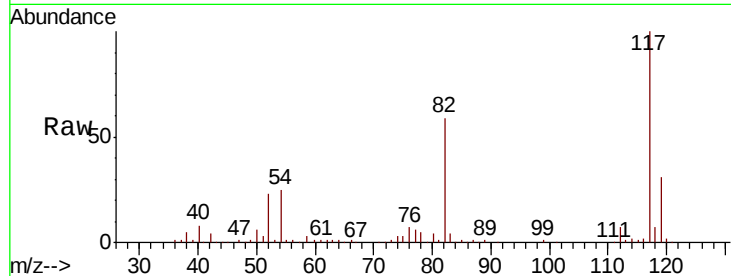




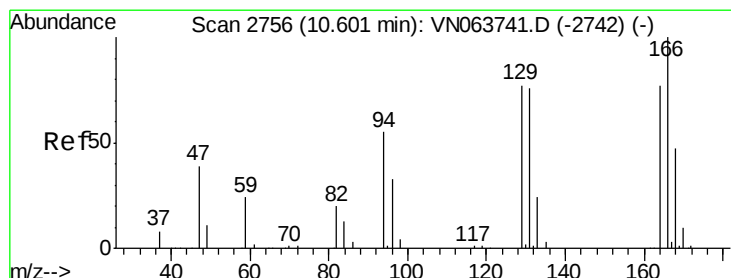
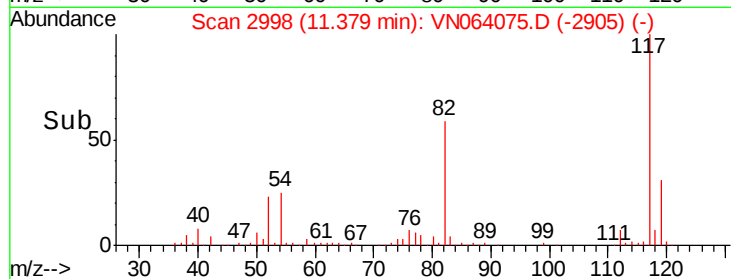
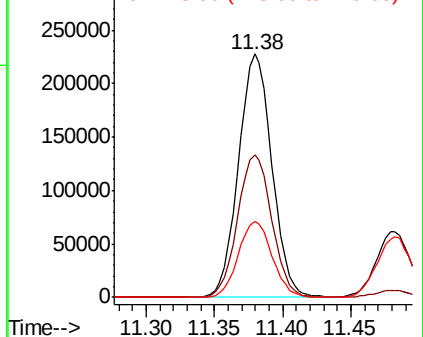
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 388409
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.2 26.4 39.6

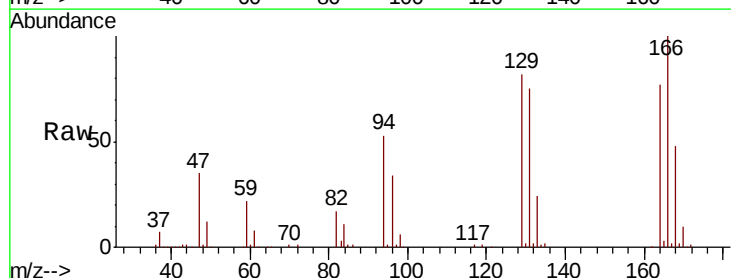


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

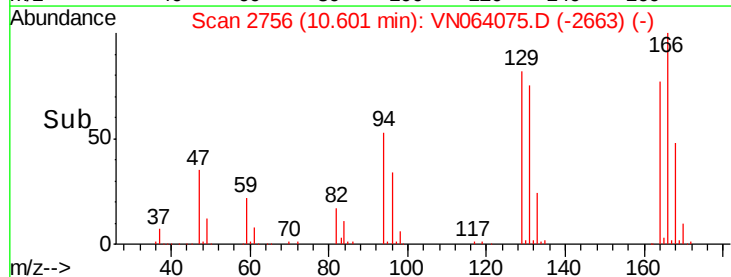
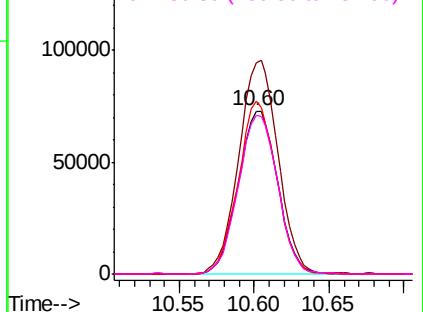


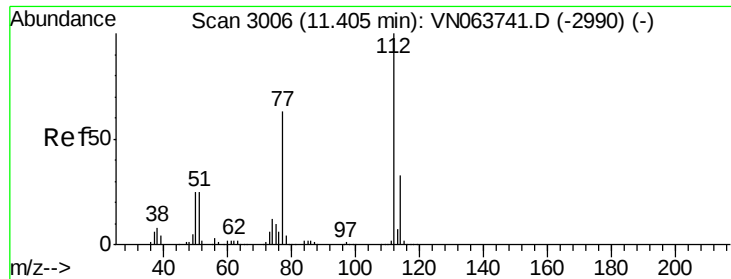
#64
Tetrachloroethene
Concen: 44.328 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion:164 Resp: 133205
Ion Ratio Lower Upper
164 100
166 129.8 103.9 155.9
129 106.0 80.3 120.5
131 97.1 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

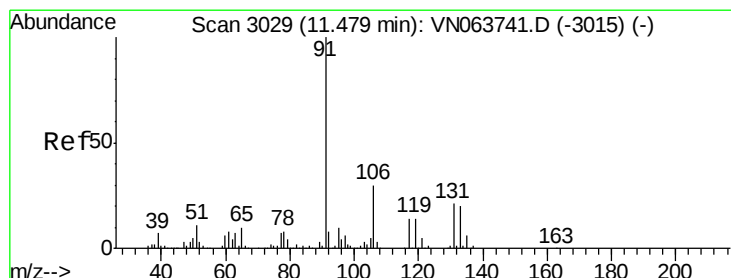
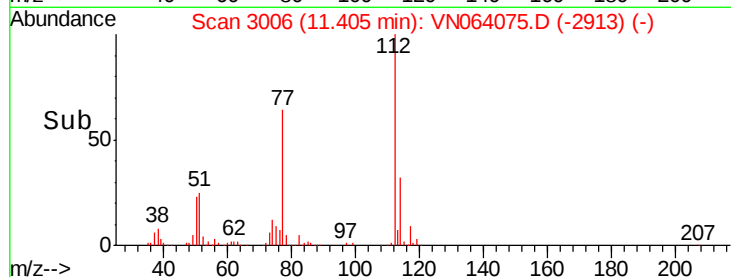
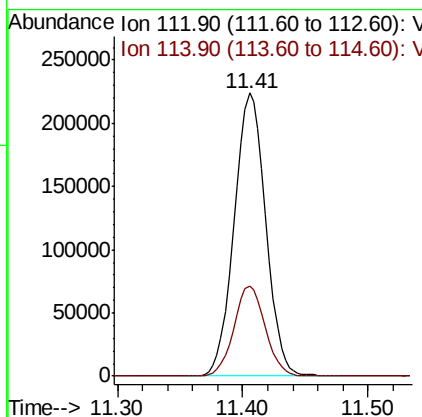
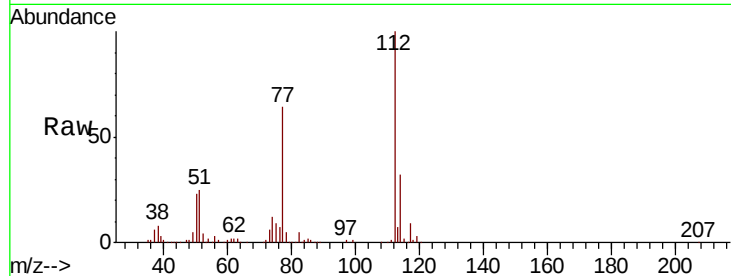




#65
Chlorobenzene
Concen: 49.148 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

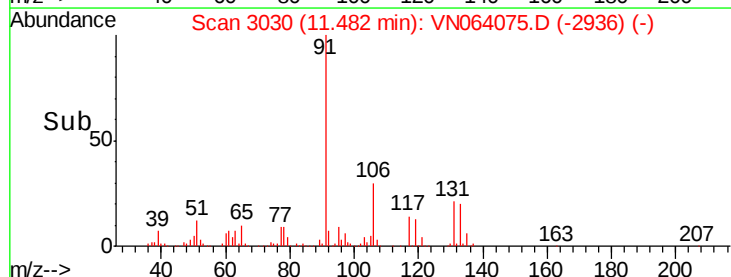
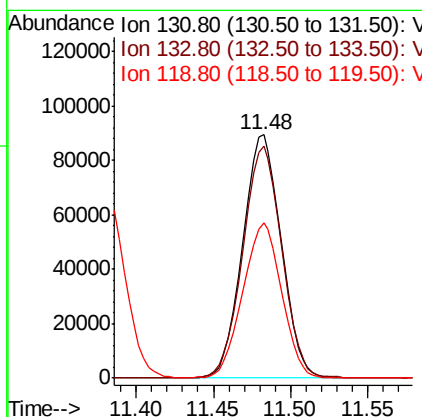
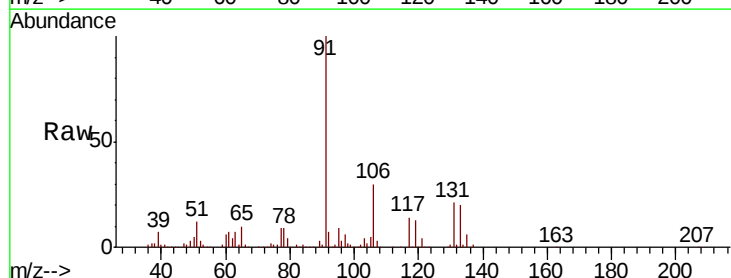
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

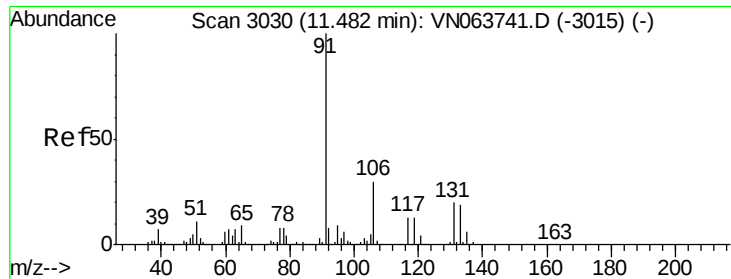
Tot Ion:112 Resp: 391585
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.984 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion:131 Resp: 155732
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 63.8 32.6 97.7

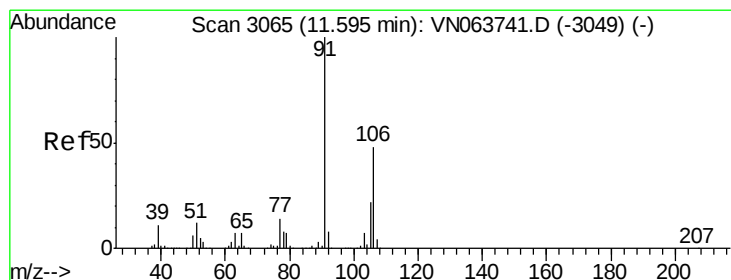
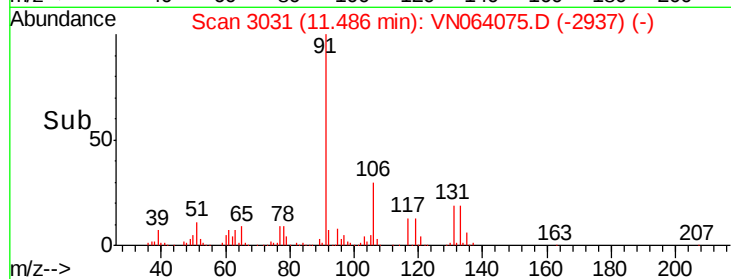
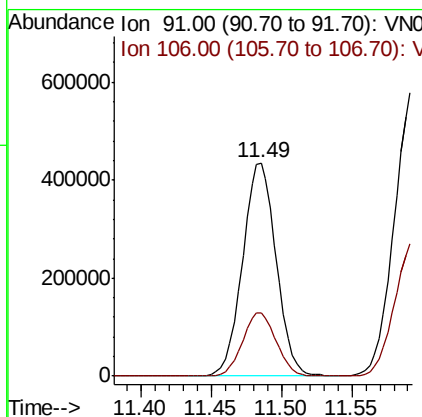
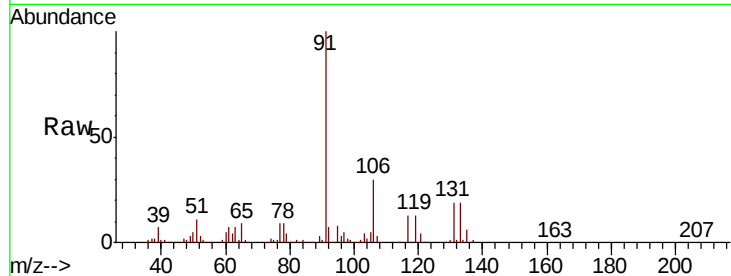




#67
Ethyl Benzene
Concen: 49.986 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

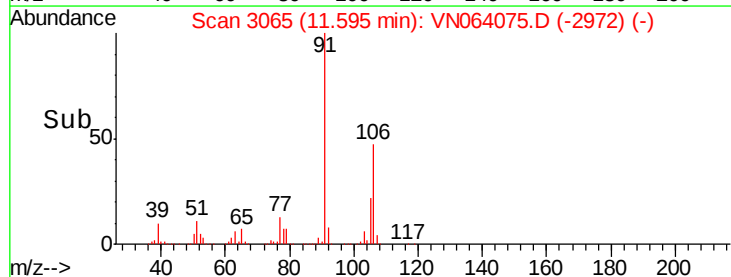
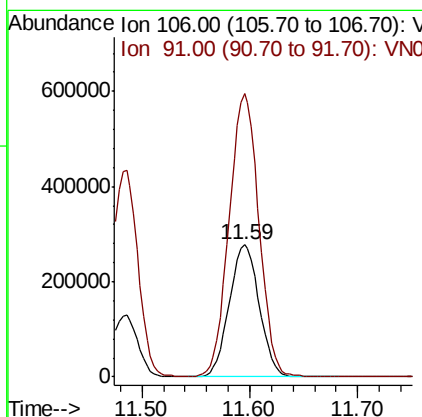
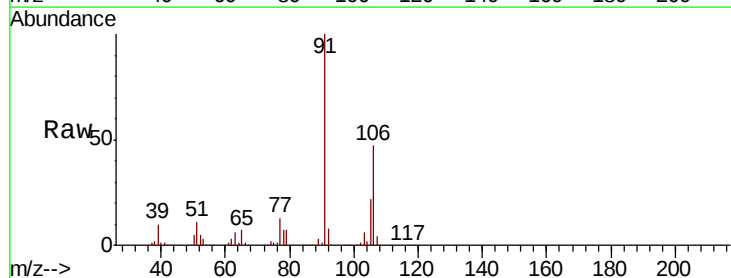
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

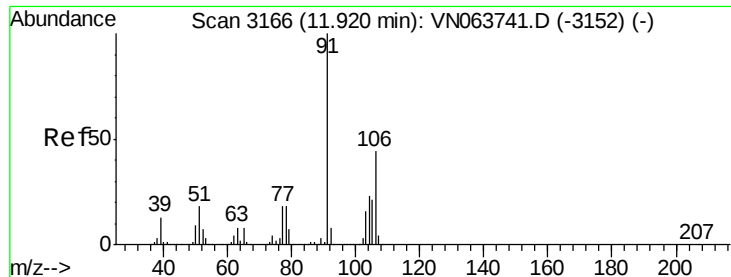
Tot Ion: 91 Resp: 724698
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2



#68
m/p-Xylenes
Concen: 99.283 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion: 106 Resp: 536458
Ion Ratio Lower Upper
106 100
91 213.2 168.0 252.0

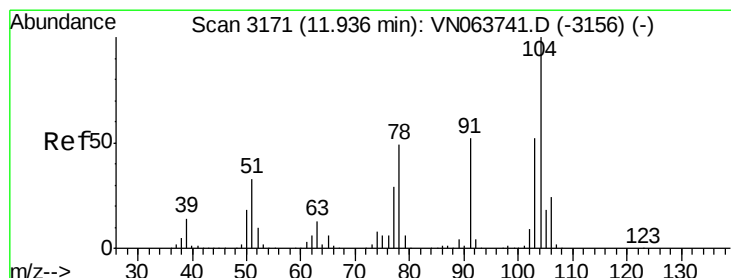
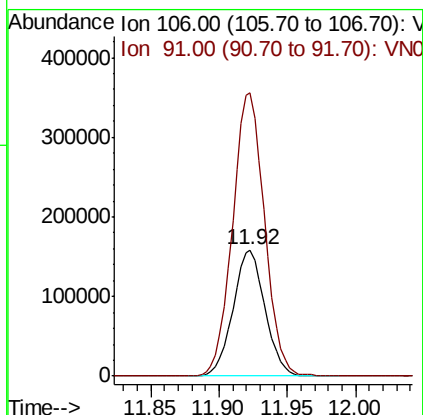
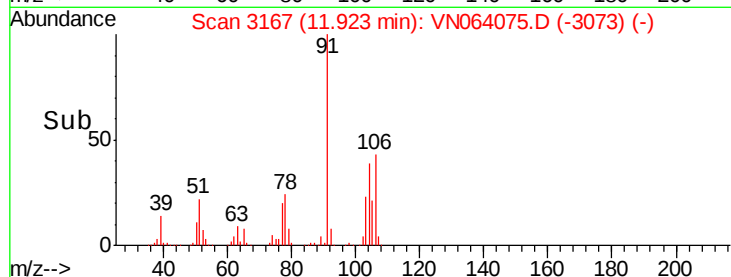
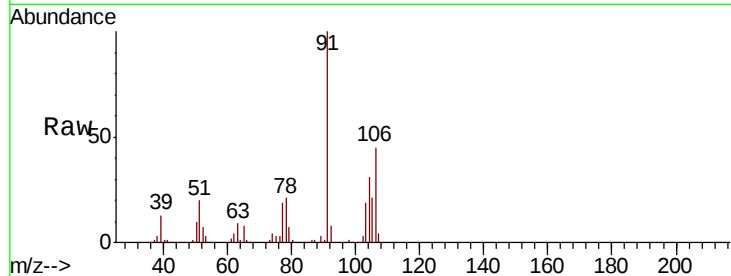




#69
o-Xylene
Concen: 50.962 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

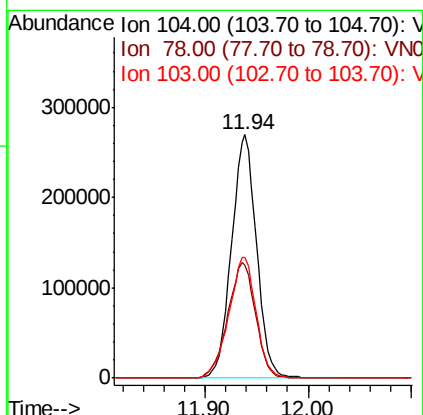
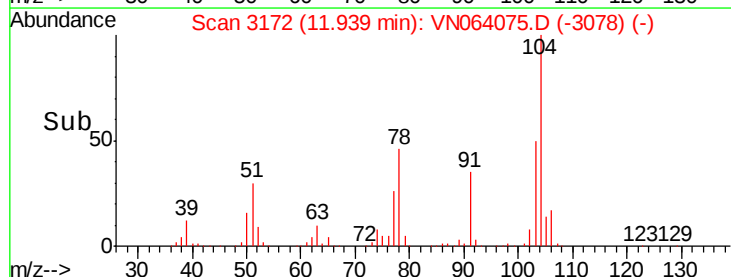
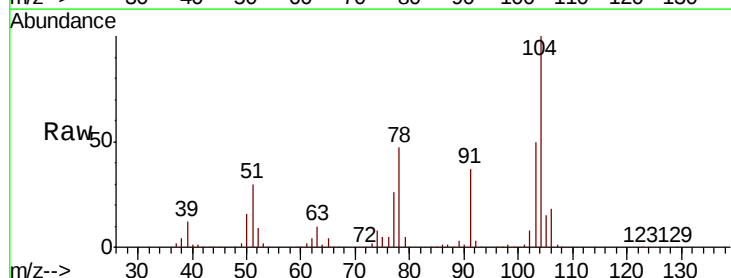
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

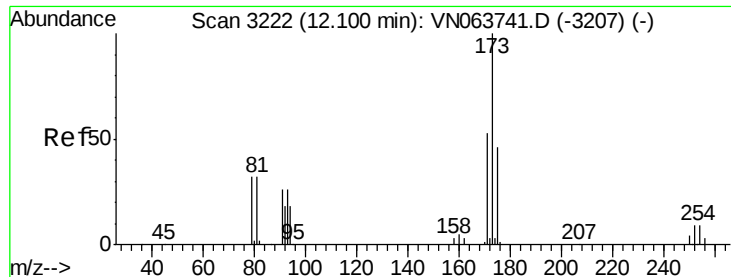
Tot Ion:106 Resp: 257373
Ion Ratio Lower Upper
106 100
91 225.5 112.7 338.0



#70
Styrene
Concen: 53.225 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion:104 Resp: 456285
Ion Ratio Lower Upper
104 100
78 52.8 44.1 66.1
103 53.9 44.3 66.5





#71

Bromoform

Concen: 52.647 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

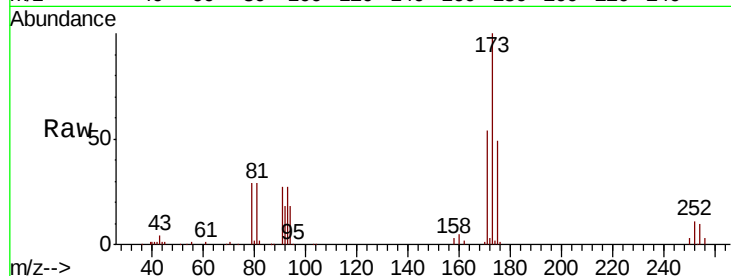
Tot Ion:173 Resp: 122990

Ion Ratio Lower Upper

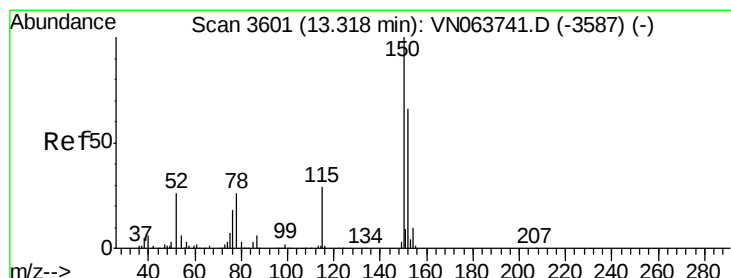
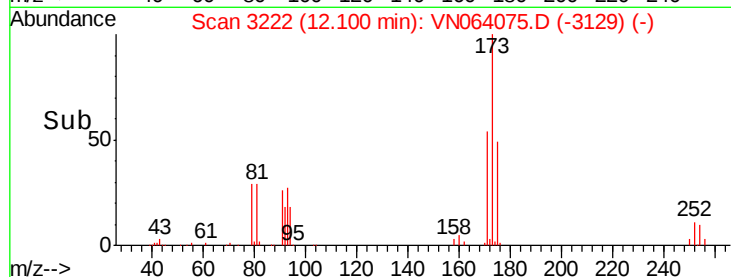
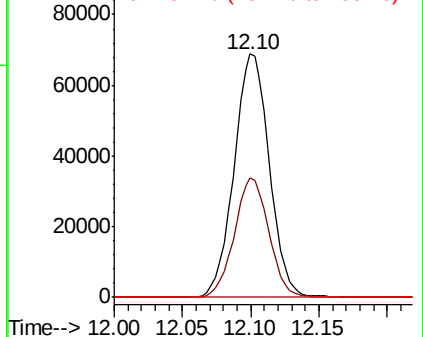
173 100

175 48.2 23.5 70.5

254 0.0 0.0 0.0



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: VN064075.D

Acq: 10 Oct 2020 7:37

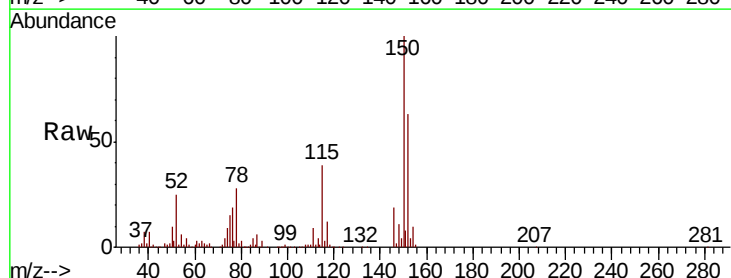
Tgt Ion:152 Resp: 185971

Ion Ratio Lower Upper

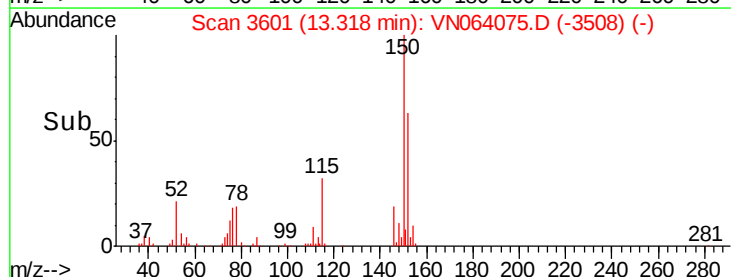
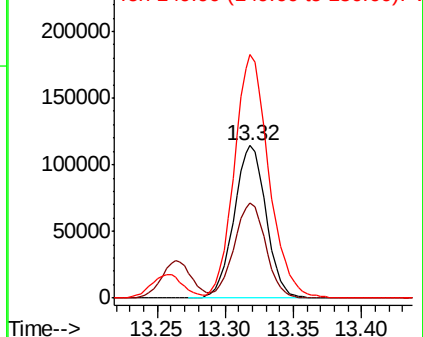
152 100

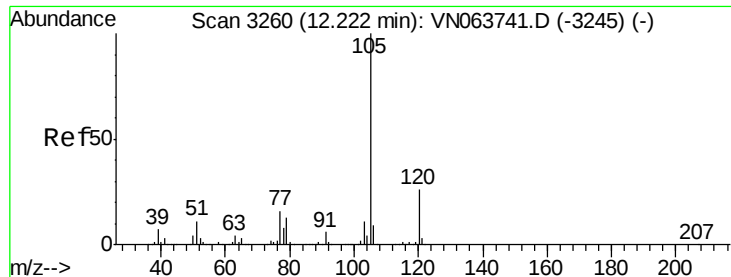
115 61.3 31.3 93.8

150 171.5 0.0 341.8



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





#73

Isopropylbenzene

Concen: 50.336 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

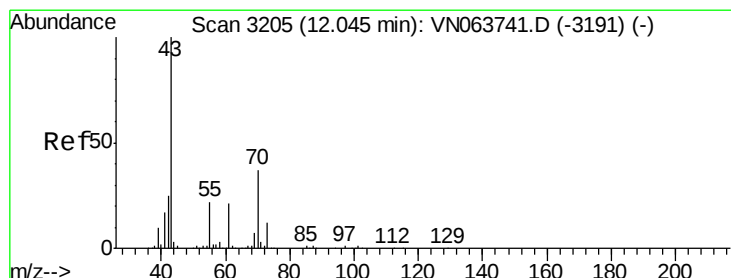
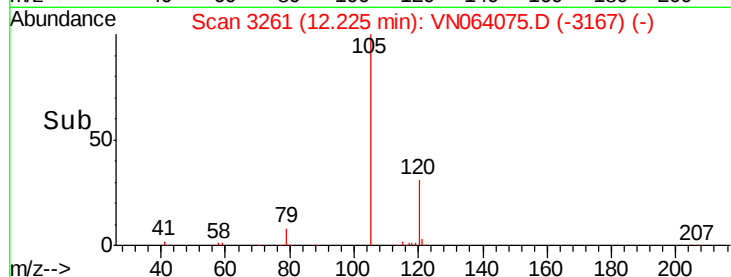
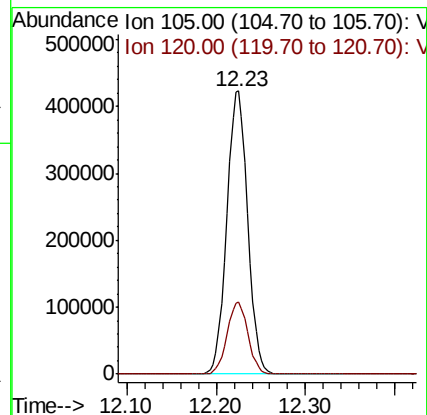
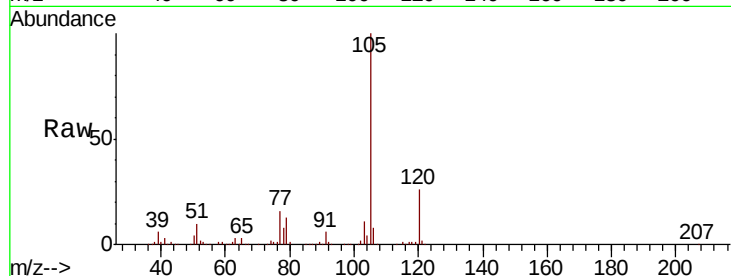
VSTDCCC050EC

Tot Ion:105 Resp: 682785

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 54.968 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Tgt Ion: 43 Resp: 348000

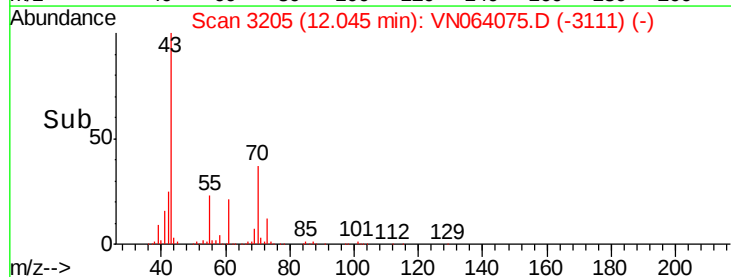
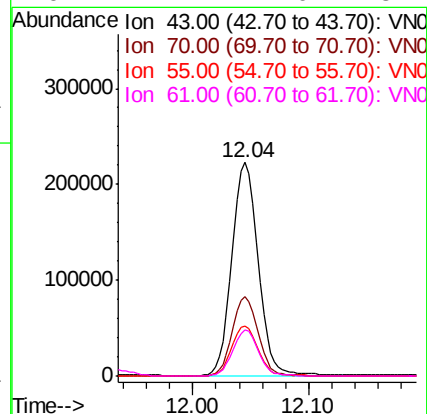
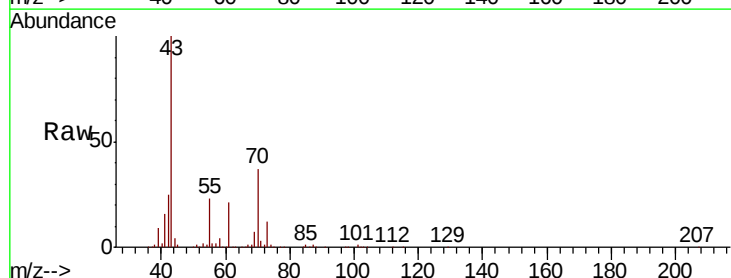
Ion Ratio Lower Upper

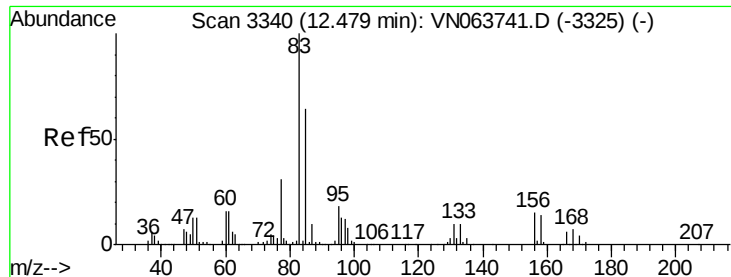
43 100

70 36.8 29.8 44.8

55 23.3 17.9 26.9

61 21.2 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.639 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

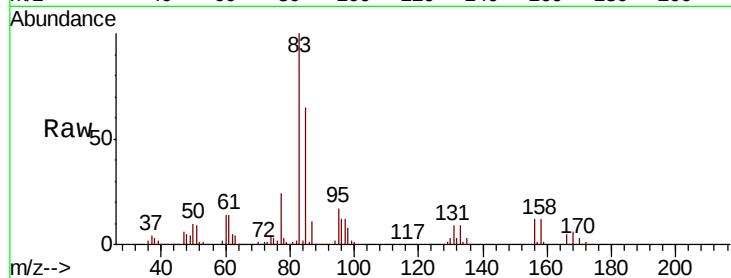
Tot Ion: 83 Resp: 230785

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

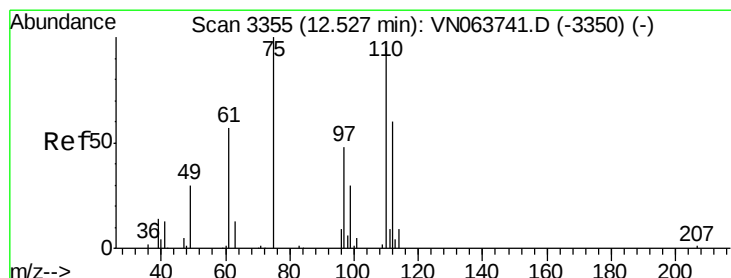
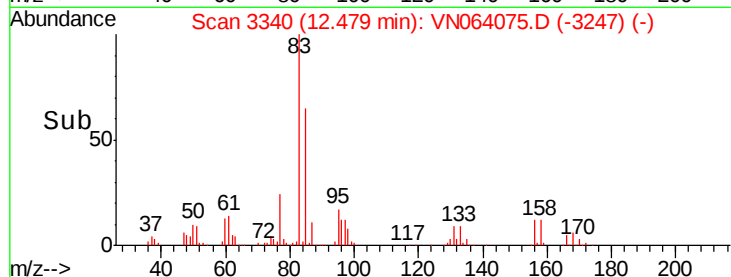
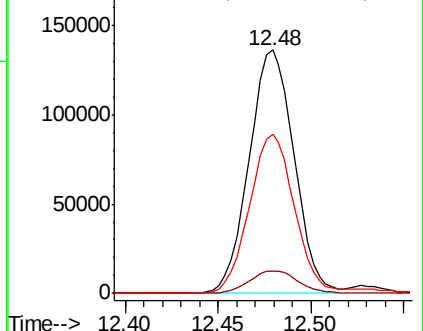
85 65.2 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN064075.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064075.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064075.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 74.563 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064075.D

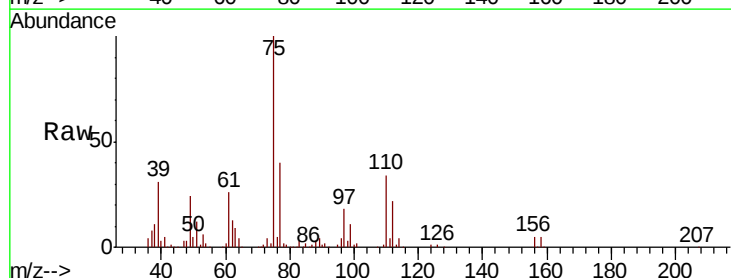
Acq: 10 Oct 2020 7:37

Tgt Ion: 75 Resp: 305672

Ion Ratio Lower Upper

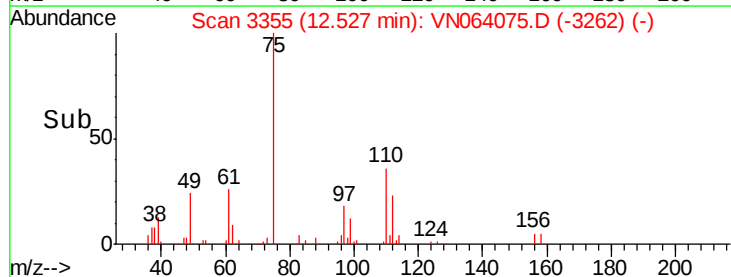
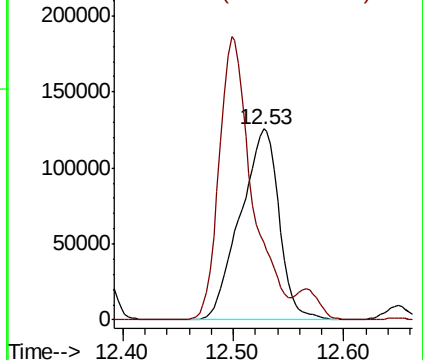
75 100

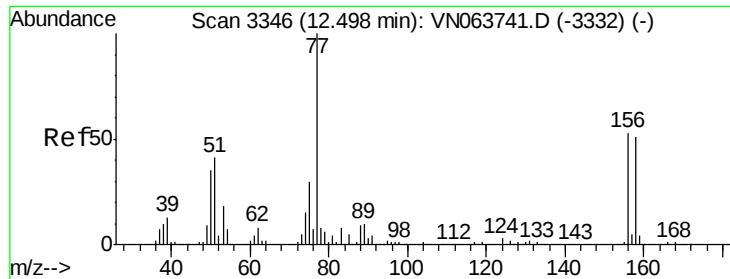
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064075.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064075.D (-3262) (-)





#77

Bromobenzene

Concen: 51.289 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

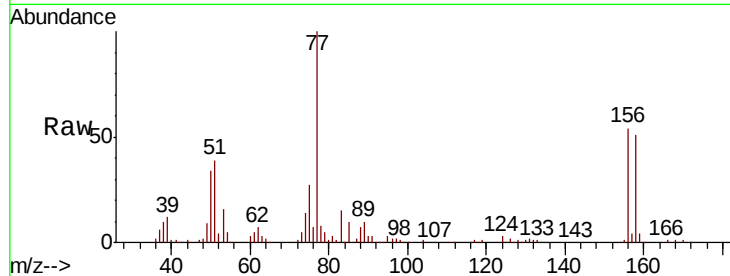
Tot Ion:156 Resp: 170711

Ion Ratio Lower Upper

156 100

77 225.5 110.9 332.7

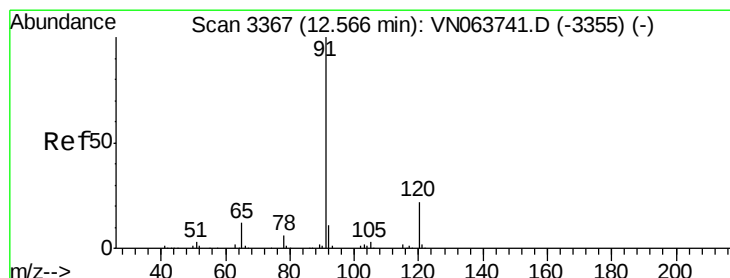
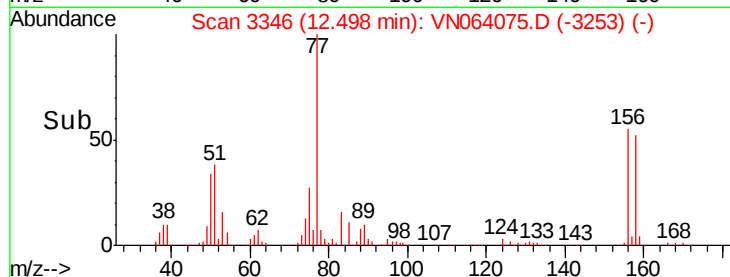
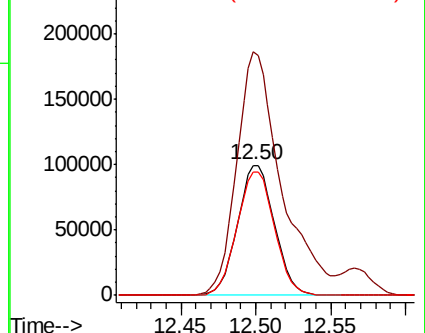
158 96.5 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.945 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064075.D

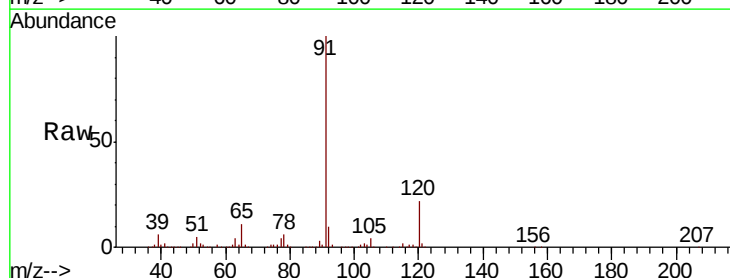
Acq: 10 Oct 2020 7:37

Tgt Ion: 91 Resp: 788450

Ion Ratio Lower Upper

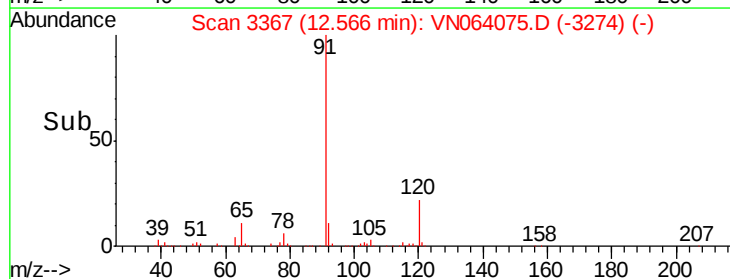
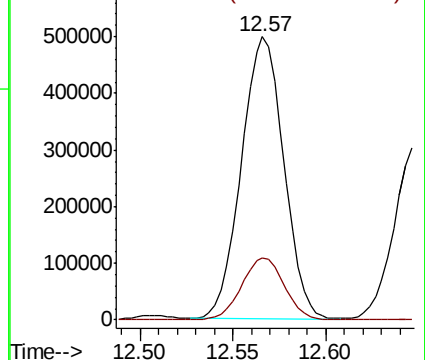
91 100

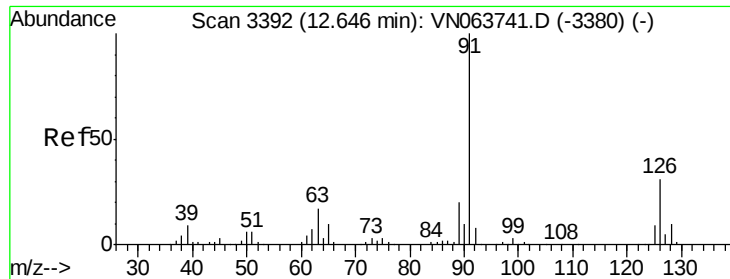
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

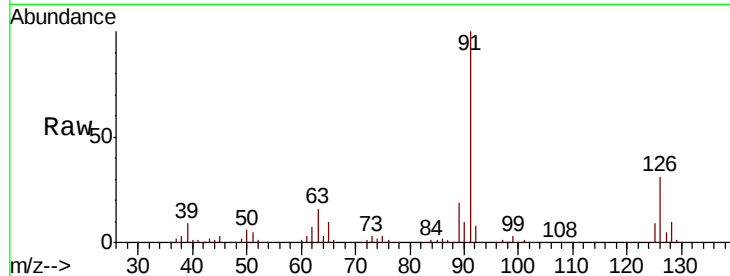




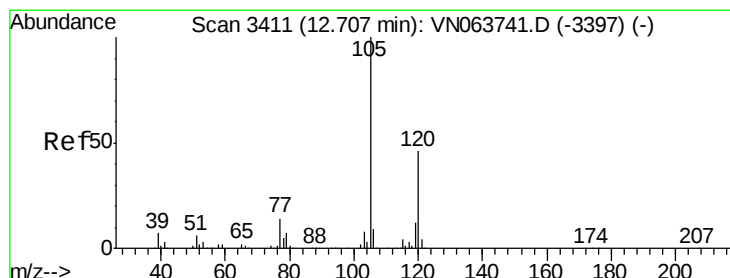
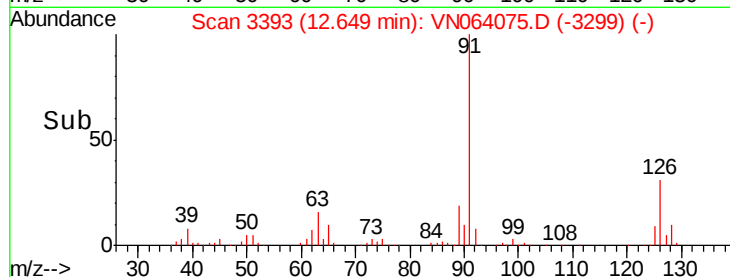
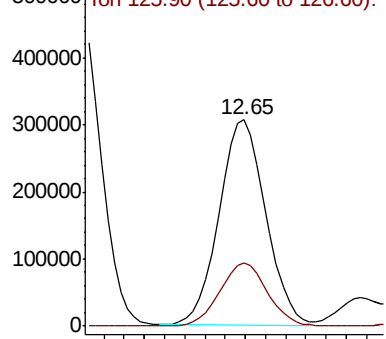
#79
 2-Chlorotoluene
 Concen: 50.929 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 494471
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.9 47.7

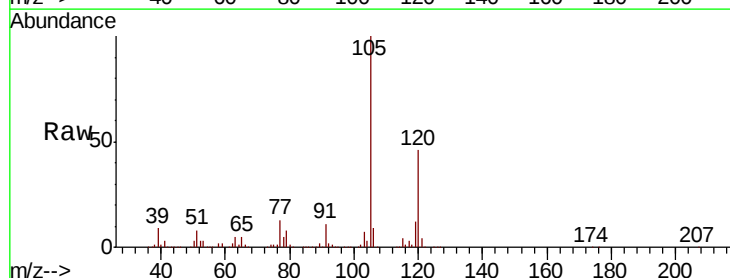


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)
 Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

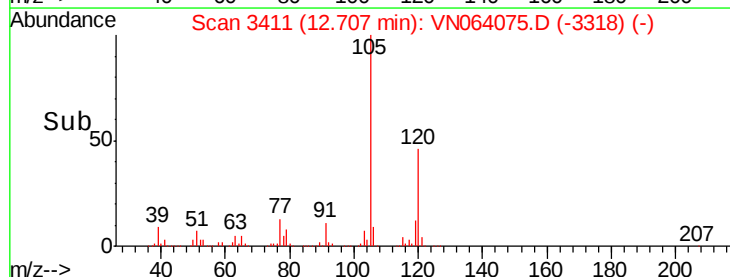
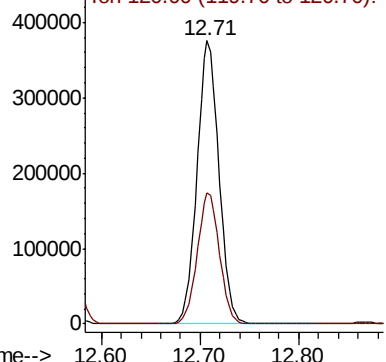


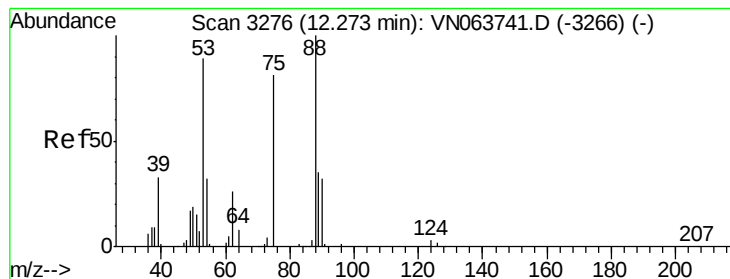
#80
 1,3,5-Trimethylbenzene
 Concen: 51.392 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion: 105 Resp: 584836
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)
 Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.342 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

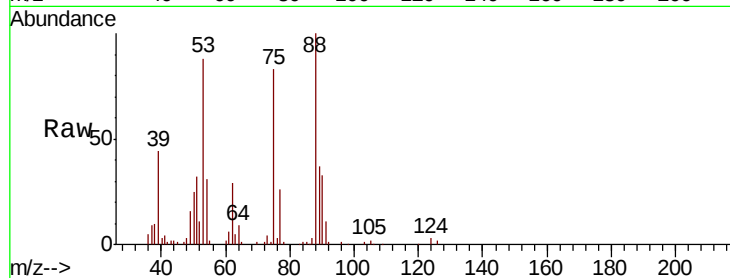
Tot Ion: 75 Resp: 71655

Ion Ratio Lower Upper

75 100

53 108.4 88.2 132.2

89 44.2 36.0 54.0

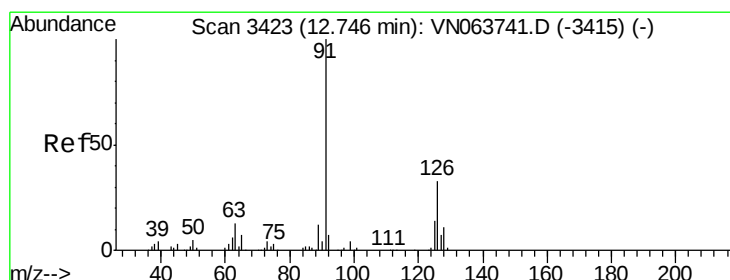
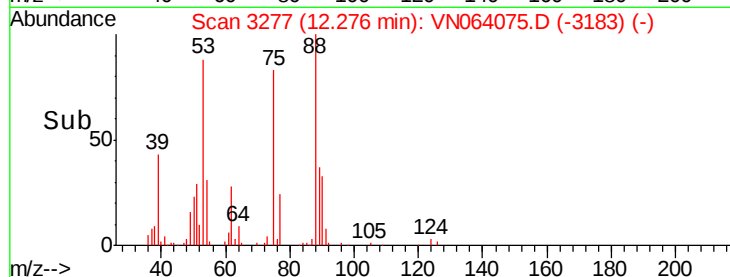
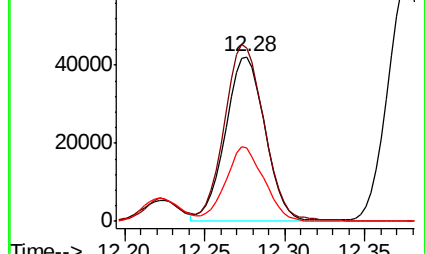


Abundance Ion 74.90 (74.60 to 75.60): VN064075.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064075.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064075.D (-3183) (-)

Time-->



#82

4-Chlorotoluene

Concen: 50.537 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064075.D

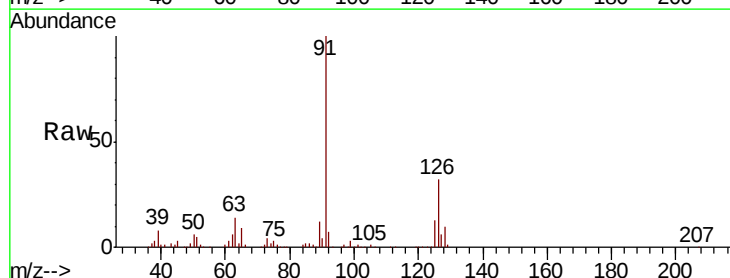
Acq: 10 Oct 2020 7:37

Tgt Ion: 91 Resp: 509363

Ion Ratio Lower Upper

91 100

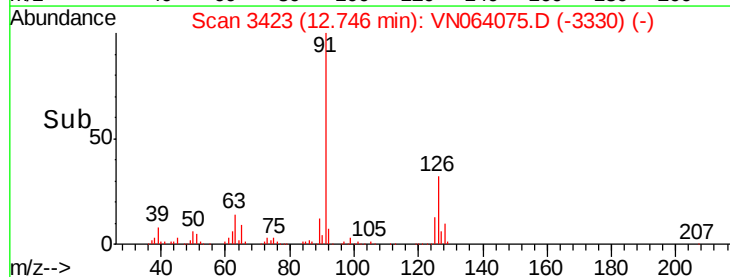
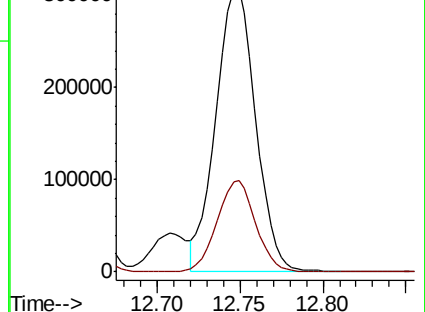
126 31.2 15.4 46.2

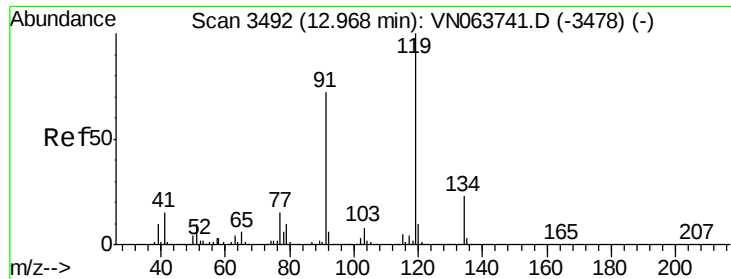


Abundance Ion 91.00 (90.70 to 91.70): VN064075.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064075.D (-3330) (-)

Time-->

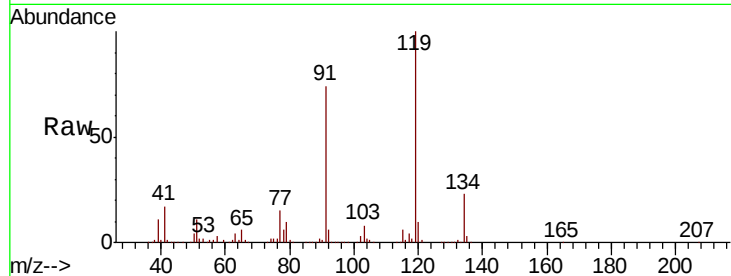




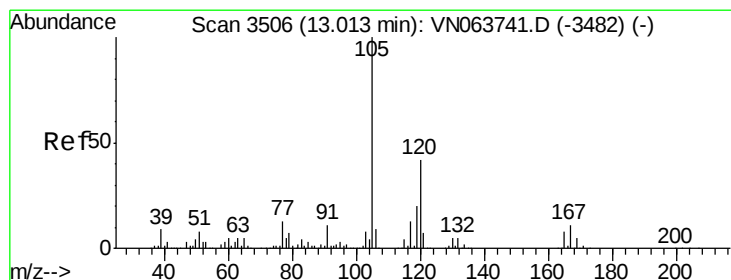
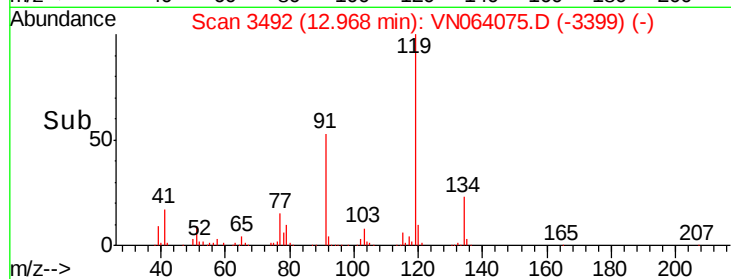
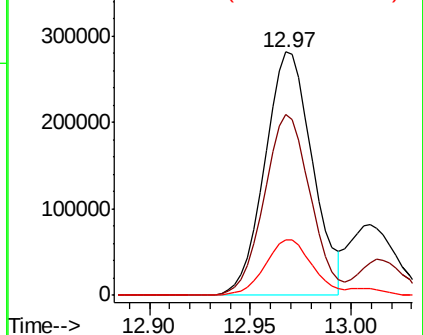
#83
tert-Butylbenzene
Concen: 49.597 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 461676
Ion Ratio Lower Upper
119 100
91 72.2 35.5 106.5
134 22.8 11.7 35.1

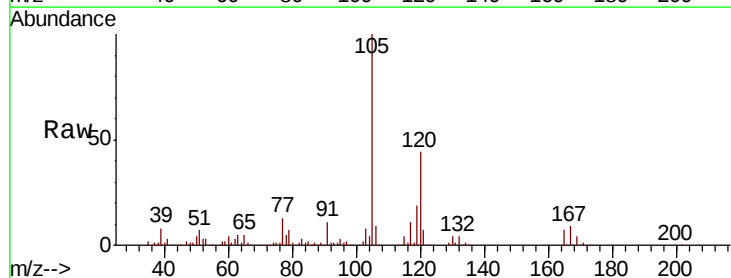


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

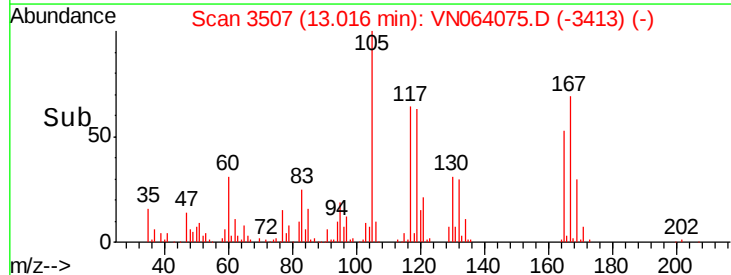
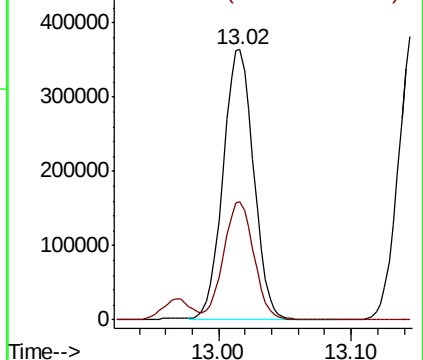


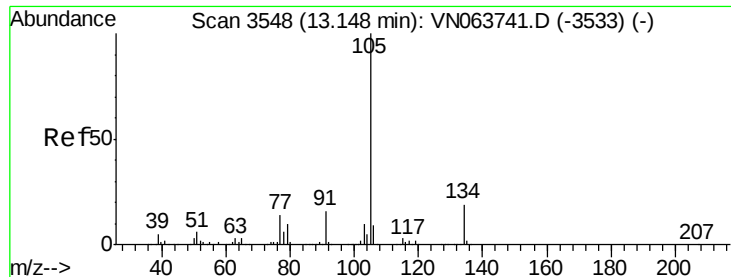
#84
1,2,4-Trimethylbenzene
Concen: 51.224 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064075.D
Acq: 10 Oct 2020 7:37

Tgt Ion:105 Resp: 581999
Ion Ratio Lower Upper
105 100
120 43.2 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.688 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

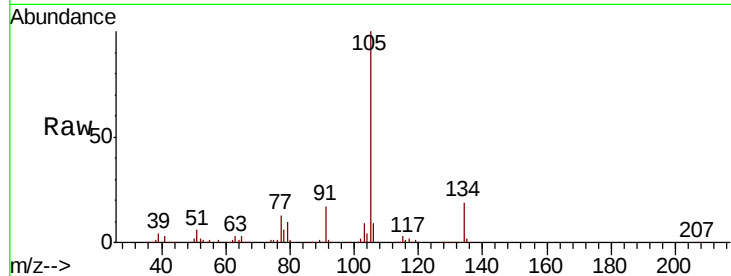
VSTDCCC050EC

Tot Ion:105 Resp: 607498

Ion Ratio Lower Upper

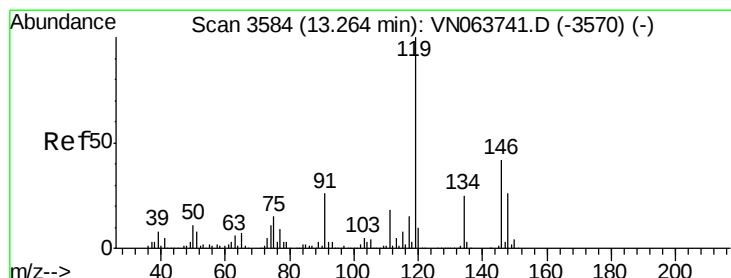
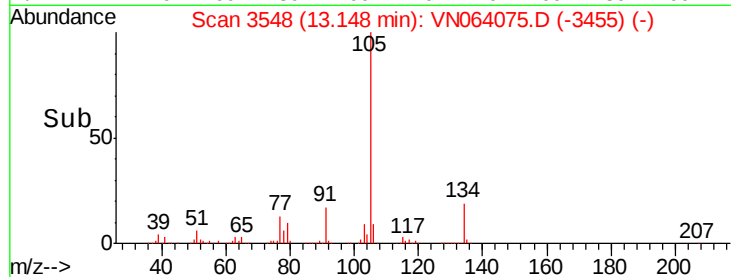
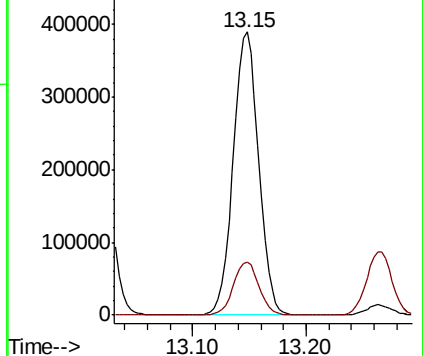
105 100

134 18.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.900 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

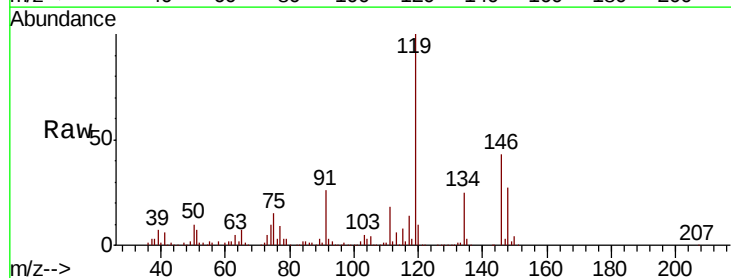
Tgt Ion:119 Resp: 539715

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

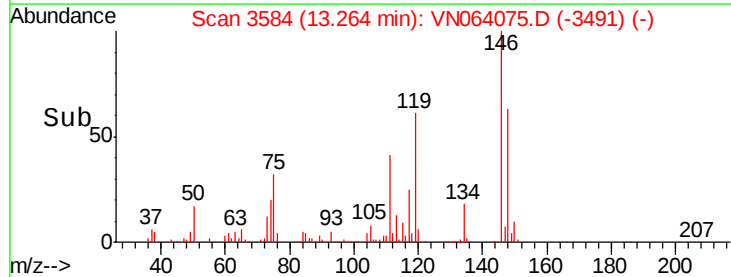
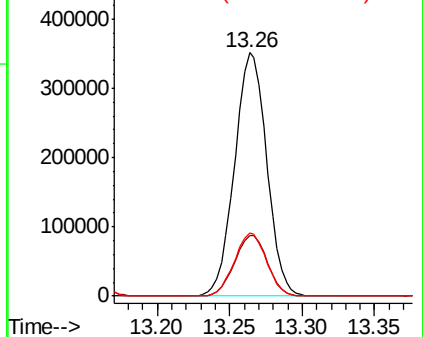
91 25.8 13.4 40.2



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

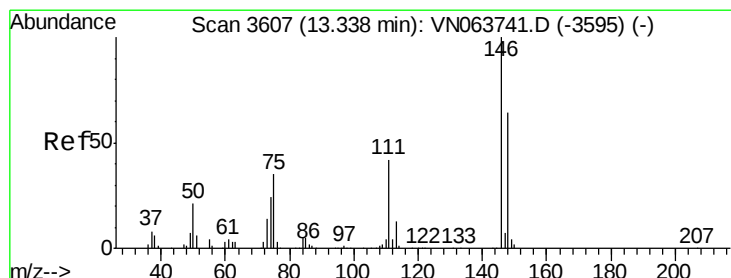
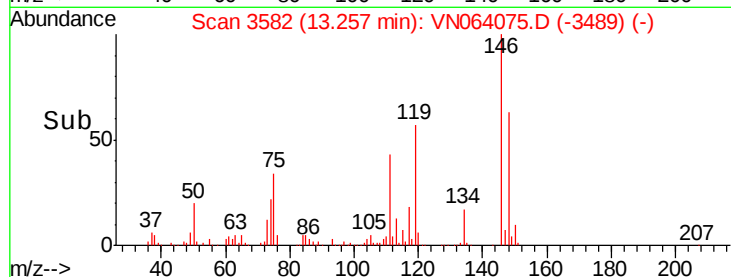
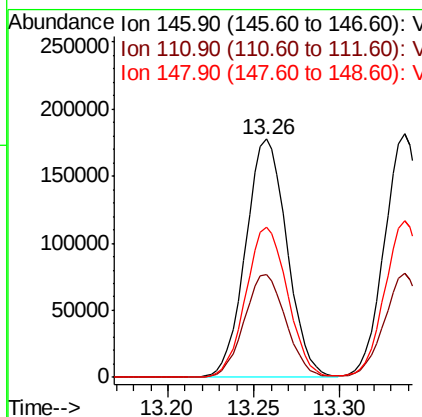
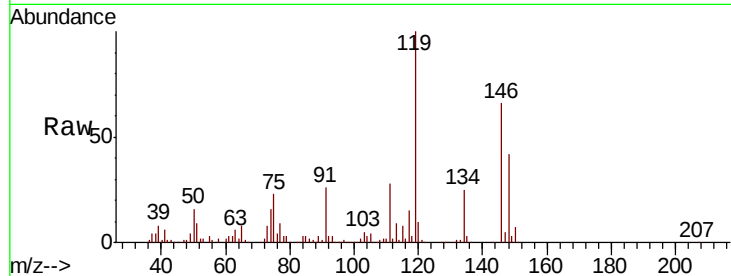




#87
 1,3-Dichlorobenzene
 Concen: 49.250 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

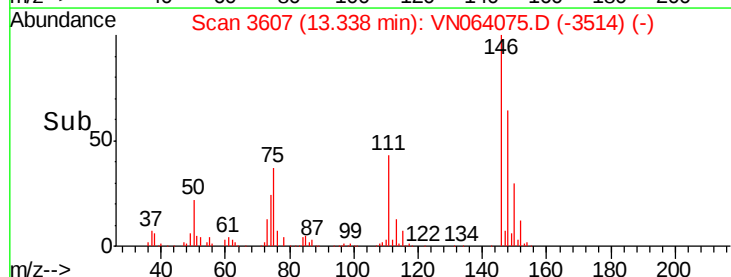
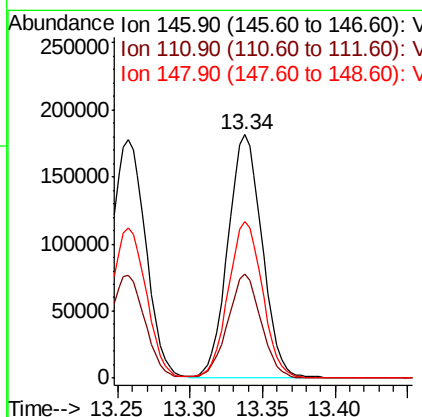
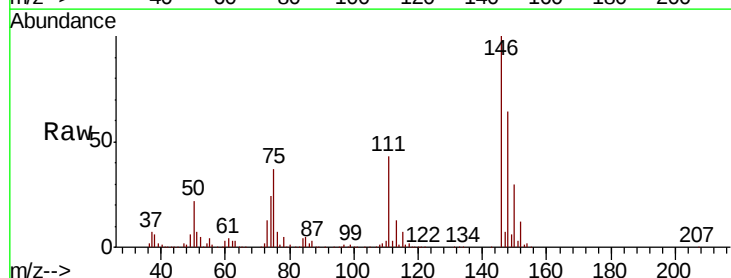
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

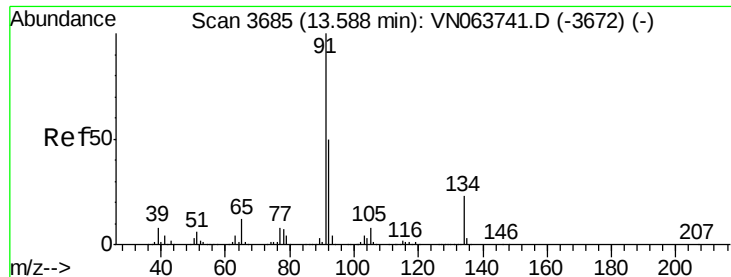
Tot Ion:146 Resp: 296558
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.5 64.5
 148 63.4 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 47.166 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion:146 Resp: 295719
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.3 63.7
 148 64.8 32.0 96.0





#89

n-Butylbenzene

Concen: 44.972 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

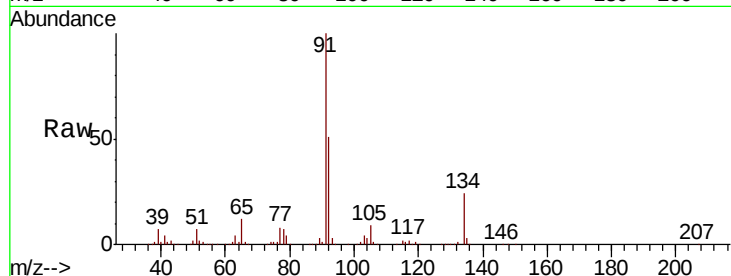
Tot Ion: 91 Resp: 448949

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.4

134 23.6 11.7 35.1

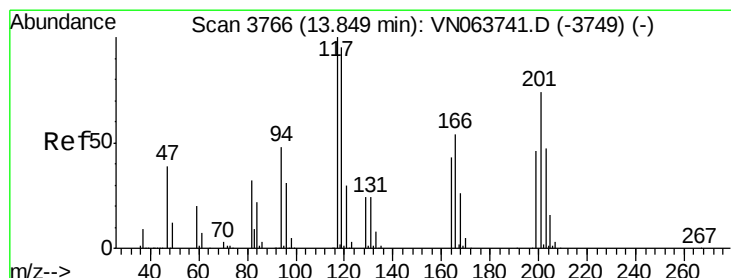
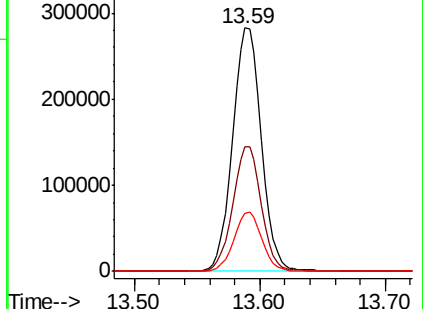
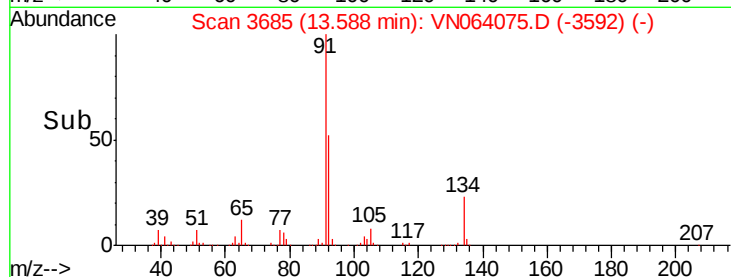


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)

Time-->



#90

Hexachloroethane

Concen: 49.935 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064075.D

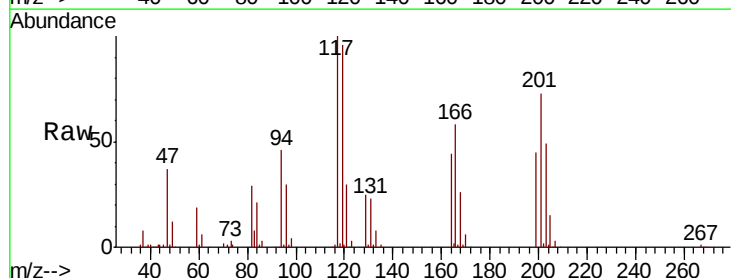
Acq: 10 Oct 2020 7:37

Tgt Ion: 117 Resp: 104658

Ion Ratio Lower Upper

117 100

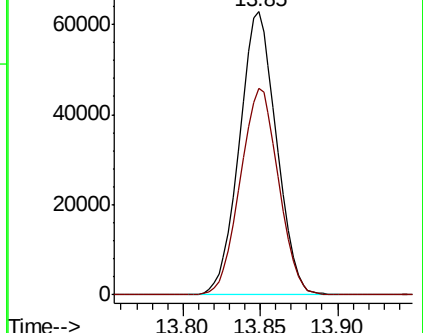
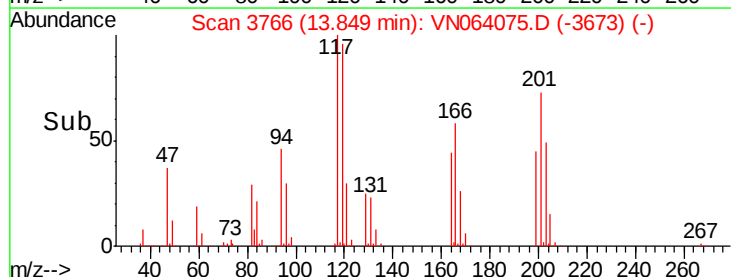
201 75.1 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

Time-->

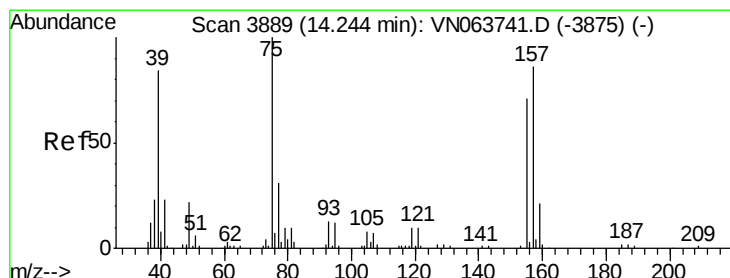
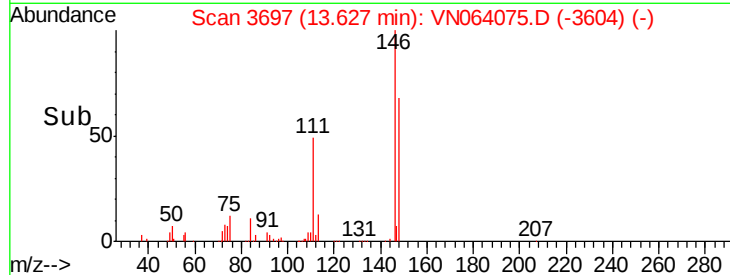
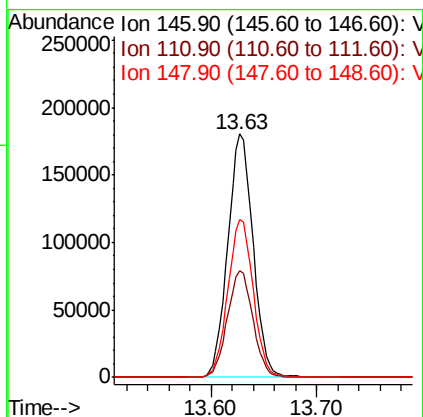
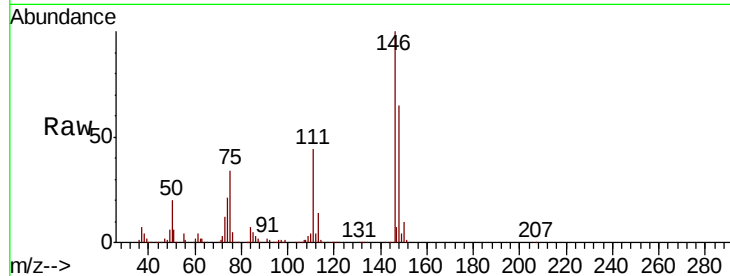




#91
 1,2-Dichlorobenzene
 Concen: 50.144 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

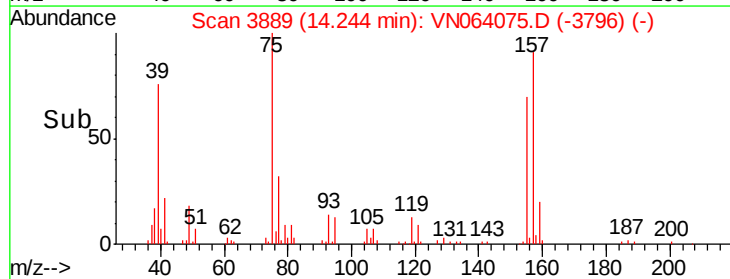
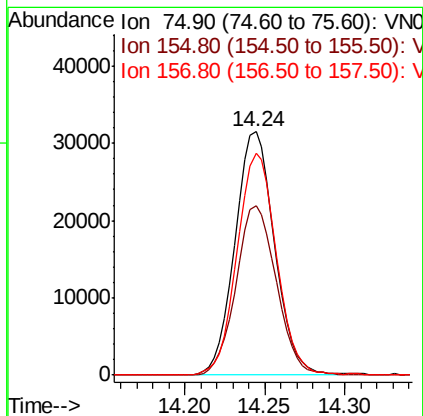
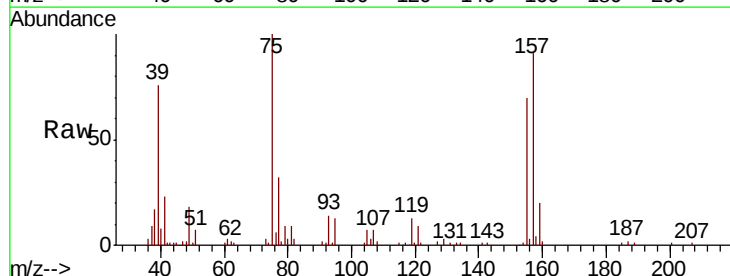
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

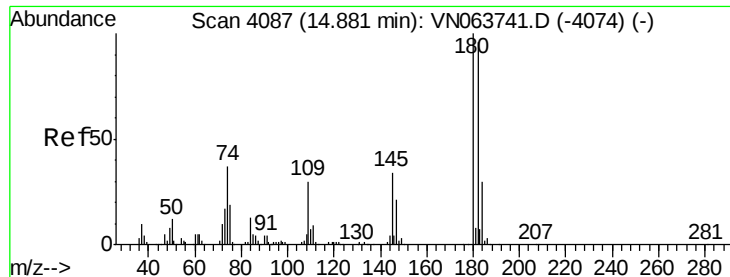
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	64.8	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.563 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.8	34.8	104.5
157	90.4	43.7	131.1

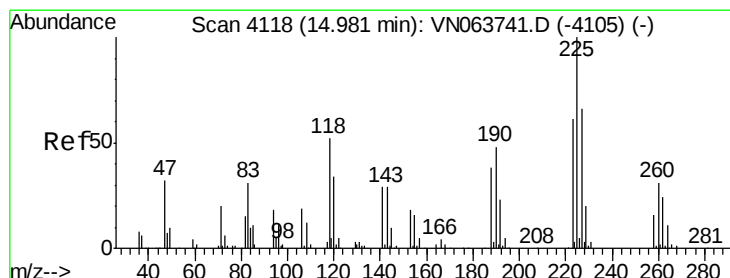
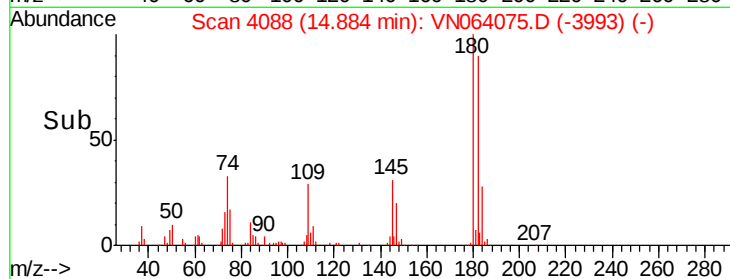
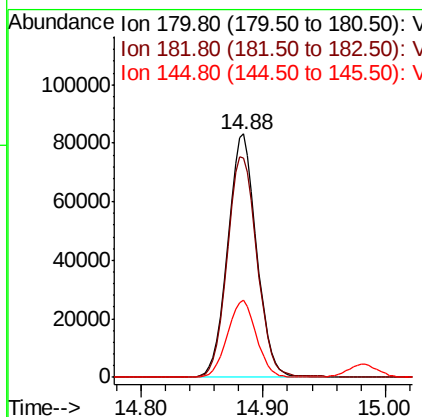
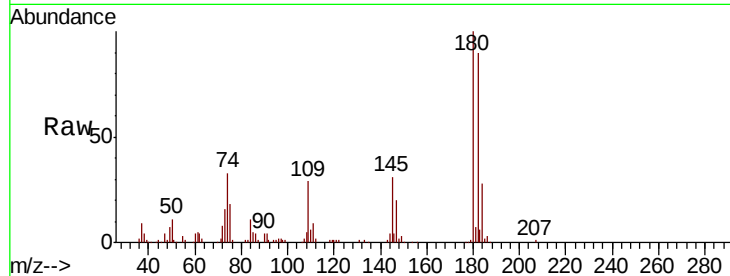




#93
 1,2,4-Trichlorobenzene
 Concen: 42.494 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

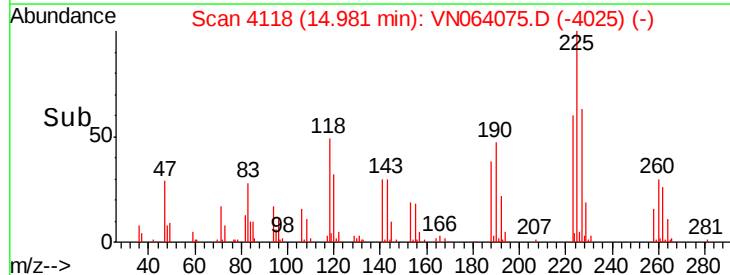
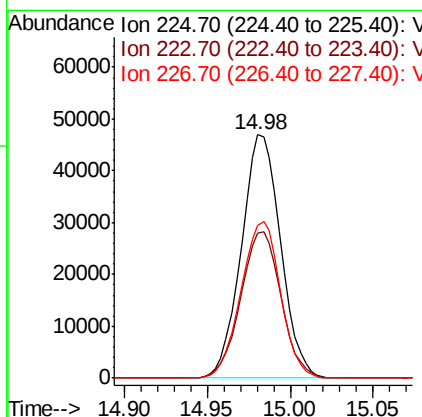
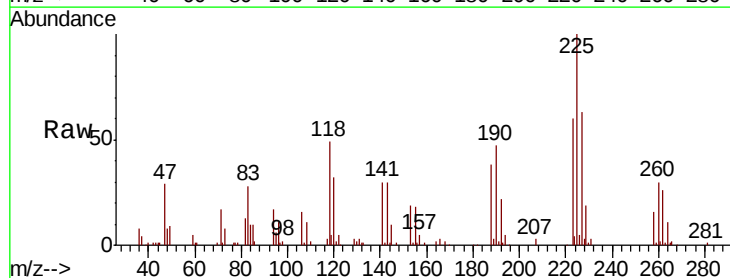
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

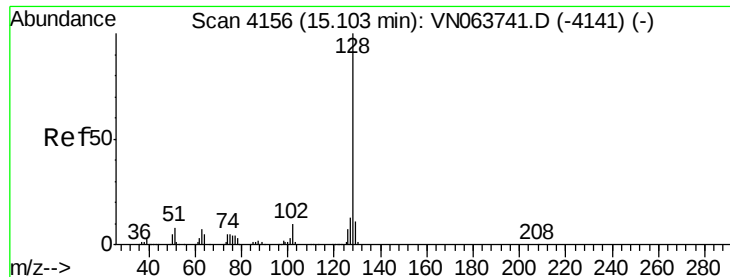
Tot Ion:180 Resp: 136936
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.2 144.6
 145 31.9 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 47.979 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064075.D
 Acq: 10 Oct 2020 7:37

Tgt Ion:225 Resp: 77583
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.3 91.0
 227 64.6 31.9 95.5





#95

Naphthalene

Concen: 41.949 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

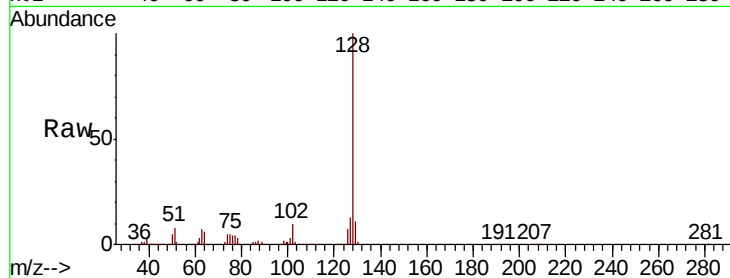
Tot Ion:128 Resp: 417709

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

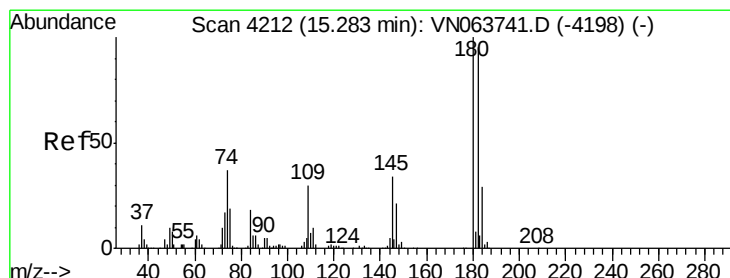
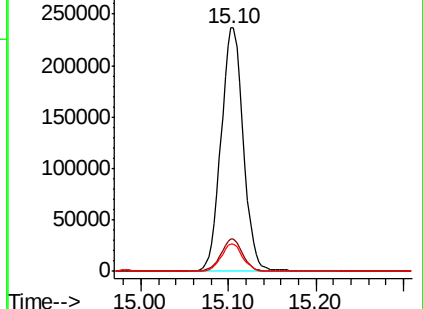
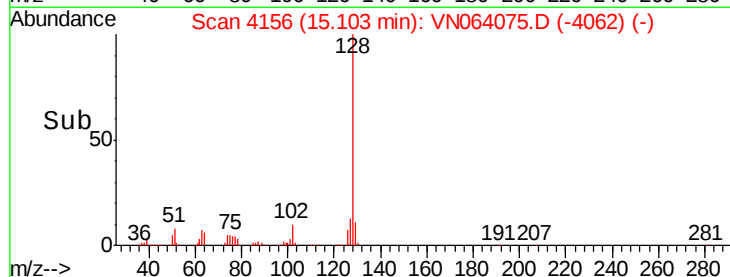
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 42.885 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064075.D

Acq: 10 Oct 2020 7:37

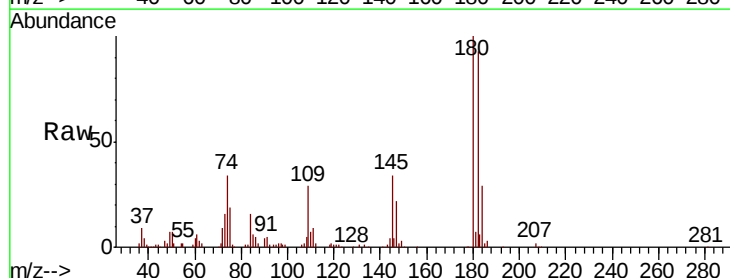
Tgt Ion:180 Resp: 134169

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.6

145 35.3 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

