

Data File : VN060435.D
Acq On : 11 Mar 2020 8:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Mar 12 03:31:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148374	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128230	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.56	113	95269	63.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.68%	
50) Toluene-d8	10.08	98	381490	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	148270	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	77841	42.973	ug/l 99
3) Chloromethane	2.04	50	139896	44.359	ug/l 99
4) Vinyl Chloride	2.16	62	116589	43.106	ug/l 99
5) Bromomethane	2.54	94	47542	43.350	ug/l 97
6) Chloroethane	2.68	64	66374	45.294	ug/l 96
7) Trichlorofluoromethane	3.00	101	158586	45.892	ug/l 99
8) Diethyl Ether	3.38	74	62174	47.653	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	95094	48.624	ug/l 99
10) Methyl Iodide	3.92	142	72337	40.528	ug/l 99
11) Tert butyl alcohol	4.73	59	93845	249.327	ug/l 99
12) 1,1-Dichloroethene	3.71	96	91599	48.256	ug/l 99
13) Acrolein	3.57	56	93777	267.064	ug/l 100
14) Allyl chloride	4.29	41	157299	44.946	ug/l 91
15) Acrylonitrile	4.94	53	264693	266.801	ug/l 99
16) Acetone	3.78	43	226234	276.373	ug/l 99
17) Carbon Disulfide	4.03	76	221774	43.943	ug/l 99
18) Methyl Acetate	4.28	43	141231	51.700	ug/l 99
19) Methyl tert-butyl Ether	5.00	73	346574	50.290	ug/l 97
20) Methylene Chloride	4.52	84	108726	48.364	ug/l 99
21) trans-1,2-Dichloroethene	5.01	96	98088	48.082	ug/l 96
22) Diisopropyl ether	5.91	45	377396	53.237	ug/l 98
23) Vinyl Acetate	5.86	43	1495613	265.504	ug/l 99
24) 1,1-Dichloroethane	5.81	63	204032	50.845	ug/l 100
25) 2-Butanone	6.80	43	381055	288.197	ug/l 100
26) 2,2-Dichloropropane	6.79	77	186740	51.117	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	122506	46.995	ug/l 98
28) Bromochloromethane	7.17	49	84804	51.472	ug/l 97
29) Tetrahydrofuran	7.18	42	236581	257.312	ug/l 100
30) Chloroform	7.34	83	205974	51.562	ug/l 98
31) Cyclohexane	7.63	56	172299	50.324	ug/l 99
32) 1,1,1-Trichloroethane	7.54	97	176201	49.784	ug/l 99
36) 1,1-Dichloropropene	7.77	75	147828	48.244	ug/l 99
37) Ethyl Acetate	6.89	43	153190	52.799	ug/l 99
38) Carbon Tetrachloride	7.75	117	145111	48.641	ug/l 99

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	168625	46.674	ug/l	99
40) Benzene	8.02	78	449224	50.370	ug/l	100
41) Methacrylonitrile	7.18	41	221376	165.247	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	163704	50.867	ug/l	100
43) Isopropyl Acetate	8.14	43	271001	53.354	ug/l	99
44) Trichloroethene	8.82	130	121325	48.846	ug/l	99
45) 1,2-Dichloropropane	9.10	63	125303	53.738	ug/l	99
46) Dibromomethane	9.19	93	77669	51.335	ug/l	99
47) Bromodichloromethane	9.38	83	164629	53.500	ug/l	99
48) Methyl methacrylate	9.18	41	120151	51.873	ug/l	99
49) 1,4-Dioxane	9.18	88	32050	983.954	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	787407	273.415	ug/l	100
52) Toluene	10.14	92	282420	50.412	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	191579	50.809	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	201452	51.561	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	114113	50.652	ug/l	97
56) Ethyl methacrylate	10.42	69	179563	55.479	ug/l	99
57) 1,3-Dichloropropane	10.70	76	193396	52.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	448014	264.663	ug/l	99
59) 2-Hexanone	10.74	43	605957	286.574	ug/l	100
60) Dibromochloromethane	10.89	129	125811	54.913	ug/l	98
61) 1,2-Dibromoethane	11.00	107	115211	52.460	ug/l	98
64) Tetrachloroethene	10.62	164	120562	51.489	ug/l	99
65) Chlorobenzene	11.42	112	300968	50.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	115433	51.946	ug/l	100
67) Ethyl Benzene	11.50	91	556260	50.824	ug/l	100
68) m/p-Xylenes	11.61	106	415232	100.556	ug/l	100
69) o-Xylene	11.94	106	200419	50.898	ug/l	99
70) Styrene	11.96	104	335171	51.771	ug/l	99
71) Bromoform	12.12	173	89952	56.166	ug/l #	100
73) Isopropylbenzene	12.24	105	544236	49.488	ug/l	99
74) N-amyl acetate	12.06	43	245366	51.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162348	54.309	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	224916	69.092	ug/l #	100
77) Bromobenzene	12.52	156	131840	48.907	ug/l	97
78) n-propylbenzene	12.59	91	646539	50.155	ug/l	100
79) 2-Chlorotoluene	12.67	91	375435	49.546	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	461619	49.855	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	63463	53.816	ug/l #	85
82) 4-Chlorotoluene	12.77	91	397099	49.740	ug/l	99
83) tert-Butylbenzene	12.99	119	392066	48.907	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	465600	49.819	ug/l	99
85) sec-Butylbenzene	13.17	105	532669	49.619	ug/l	99
86) p-Isopropyltoluene	13.28	119	483021	48.613	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	241515	52.148	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	241934	52.545	ug/l	99
89) n-Butylbenzene	13.61	91	445848	48.881	ug/l	99
90) Hexachloroethane	13.87	117	69701	48.464	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	229982	48.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34129	50.416	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031120\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	149045	49.658	ug/l	99
94) Hexachlorobutadiene	15.01	225	71598	51.915	ug/l	99
95) Naphthalene	15.13	128	422829	47.816	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	137690	48.706	ug/l	99

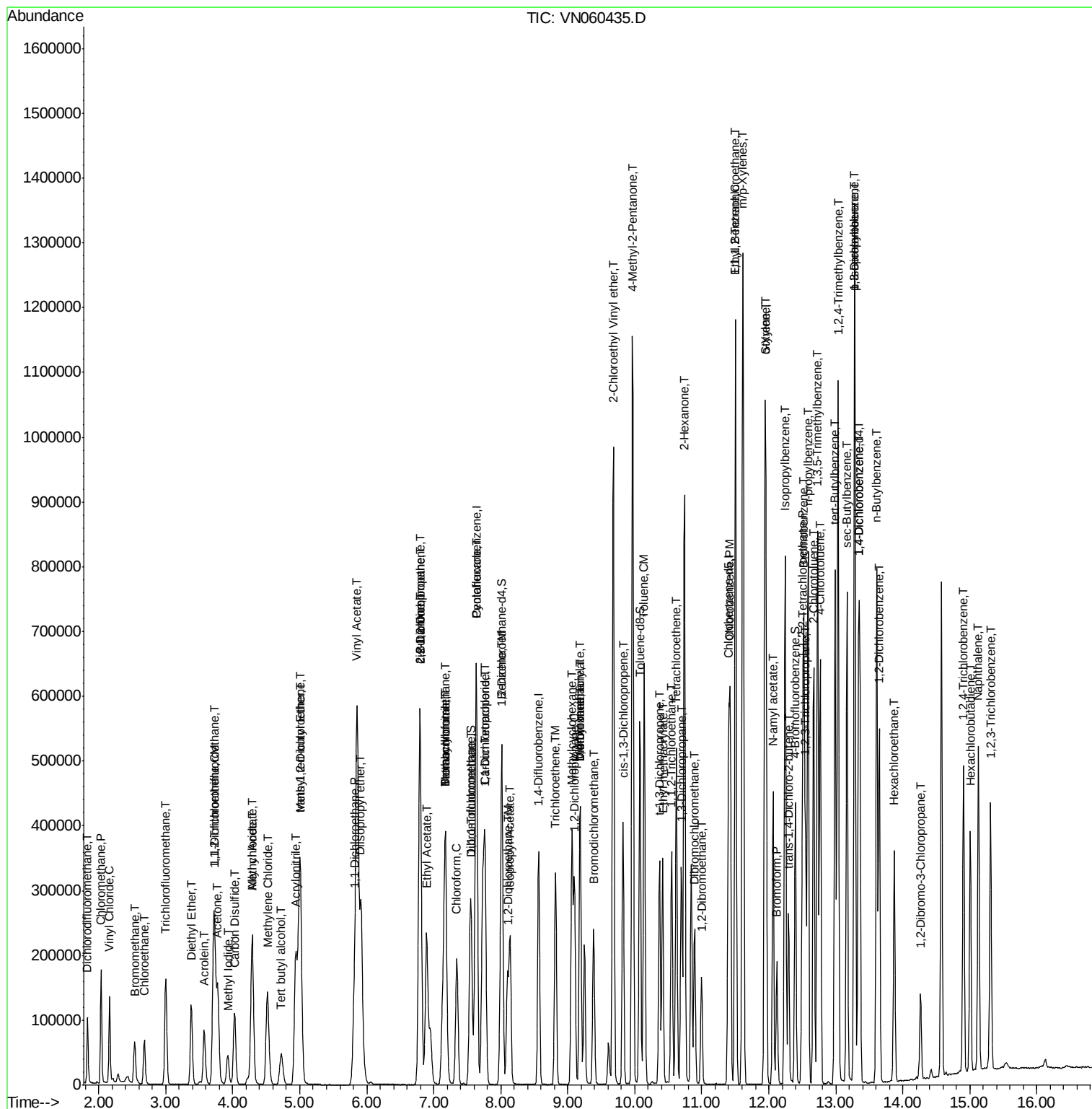
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN060435.D

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Acq On       : 11 Mar 2020    8:53
Operator    : JC/MD
Sample      : VSTDCCC050
Misc       : 5.00mL/MSV0A_N/WATER
ALS Vial    : 2      Sample Multiplier: 1
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Mar 12 03:31:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

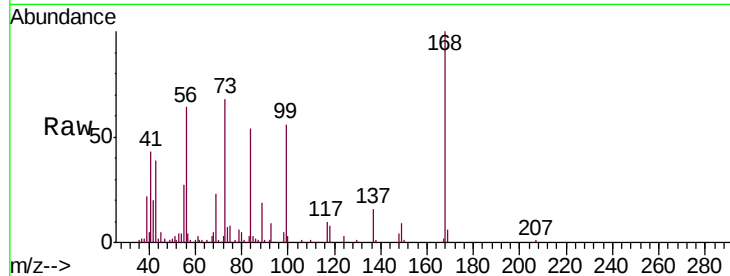
VSTDCCC050

Tgt Ion:168 Resp: 197570

Ion Ratio Lower Upper

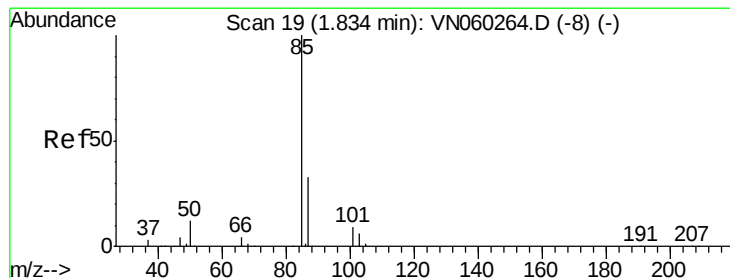
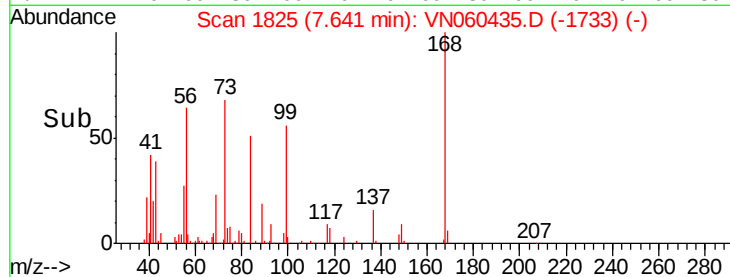
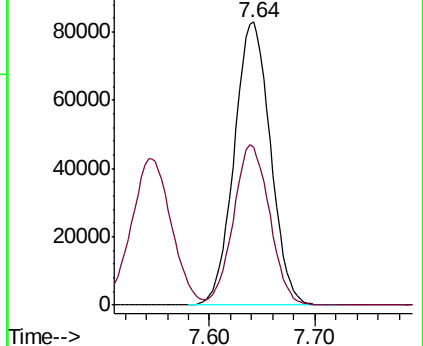
168 100

99 55.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 42.973 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060435.D

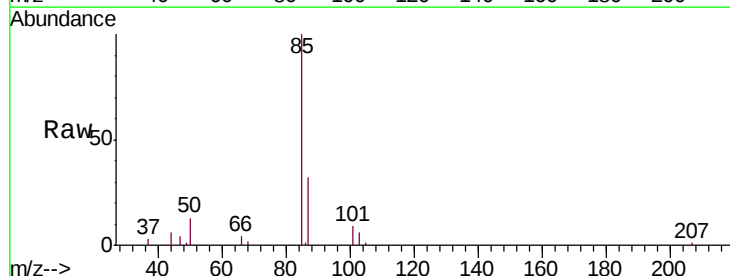
Acq: 11 Mar 2020 8:53

Tgt Ion: 85 Resp: 77841

Ion Ratio Lower Upper

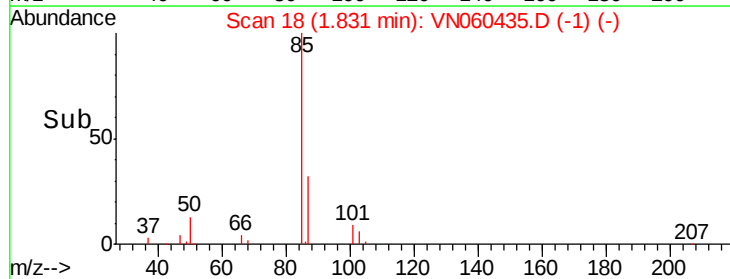
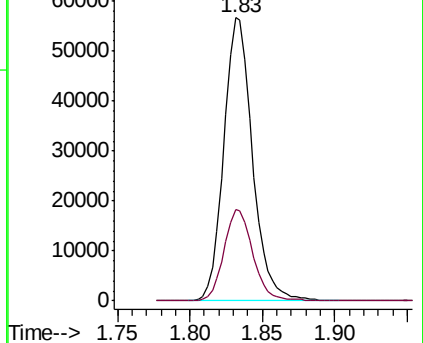
85 100

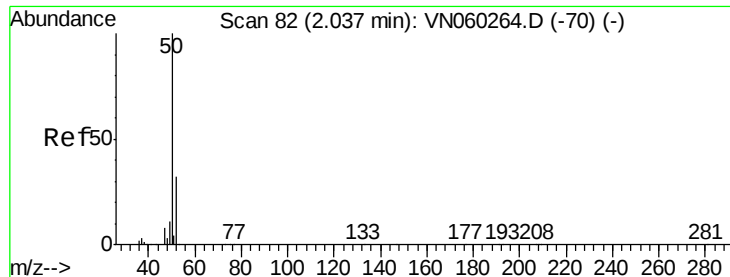
87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.359 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

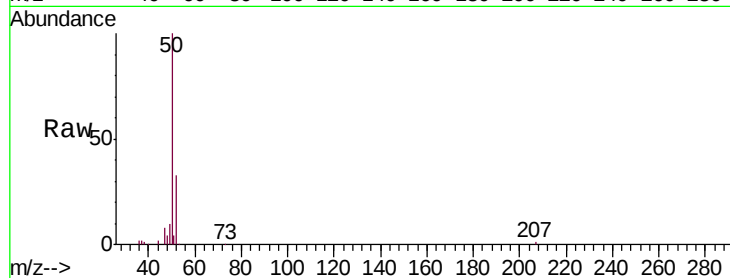
VSTDCCC050

Tgt Ion: 50 Resp: 139896

Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN060435.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN060435.D (-1) (-)

2.04

120000

100000

80000

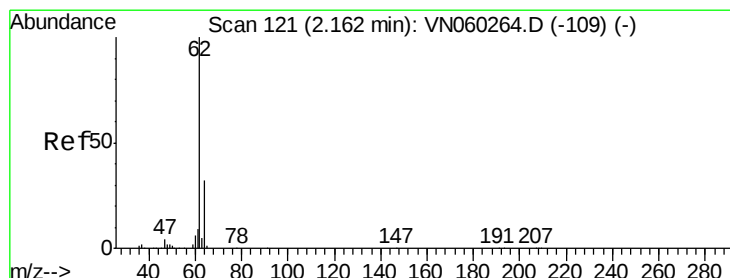
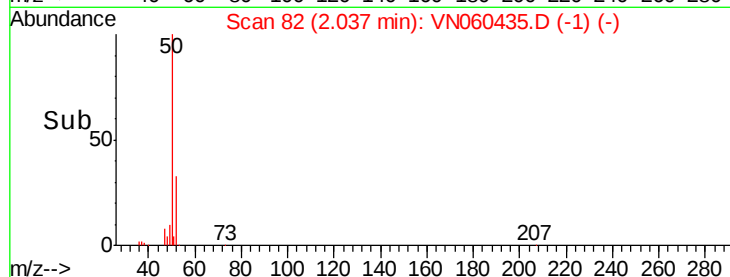
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 43.106 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060435.D

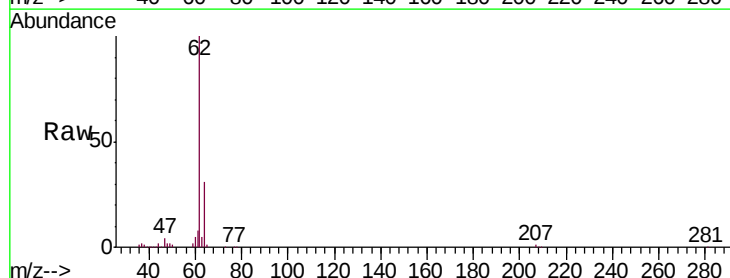
Acq: 11 Mar 2020 8:53

Tgt Ion: 62 Resp: 116589

Ion Ratio Lower Upper

62 100

64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN060435.D (-28) (-)

Ion 63.90 (63.60 to 64.60): VN060435.D (-28) (-)

2.16

80000

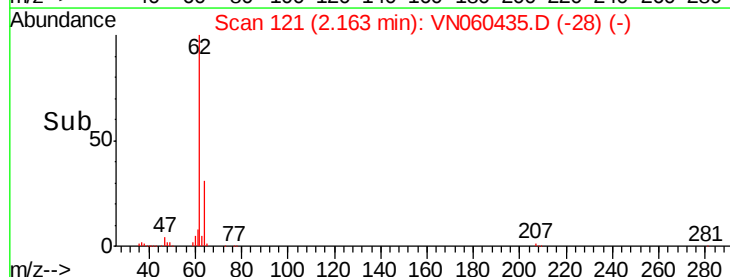
60000

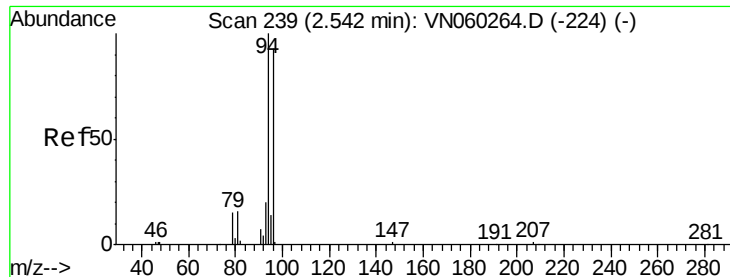
40000

20000

0

Time-->





#5

Bromomethane

Concen: 43.350 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

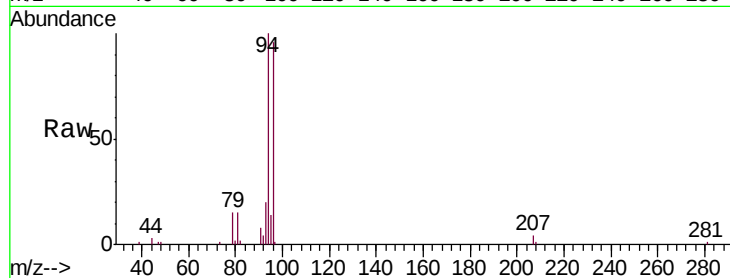
VSTDCCC050

Tgt Ion: 94 Resp: 47542

Ion Ratio Lower Upper

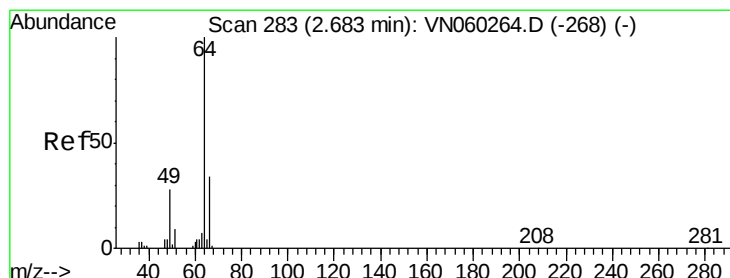
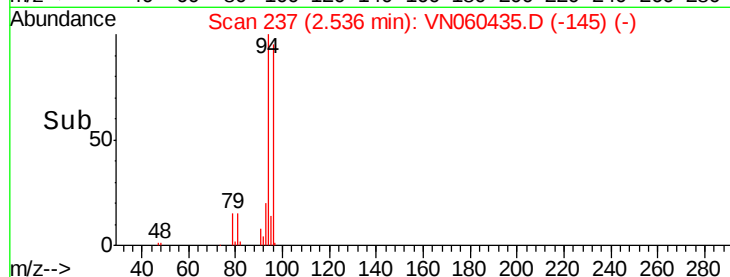
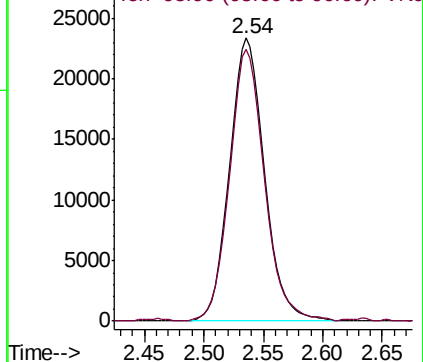
94 100

96 96.1 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 45.294 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060435.D

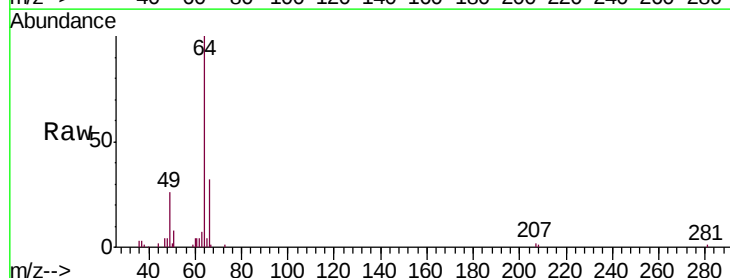
Acq: 11 Mar 2020 8:53

Tgt Ion: 64 Resp: 66374

Ion Ratio Lower Upper

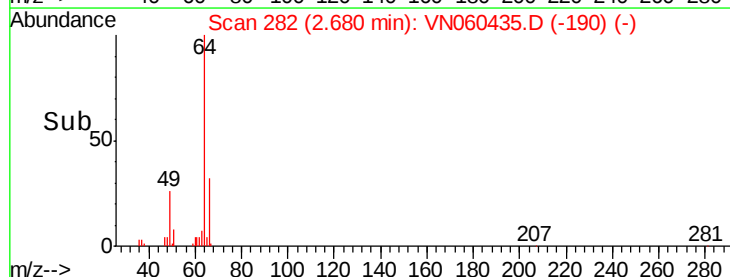
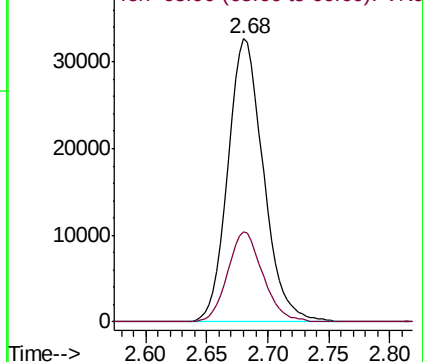
64 100

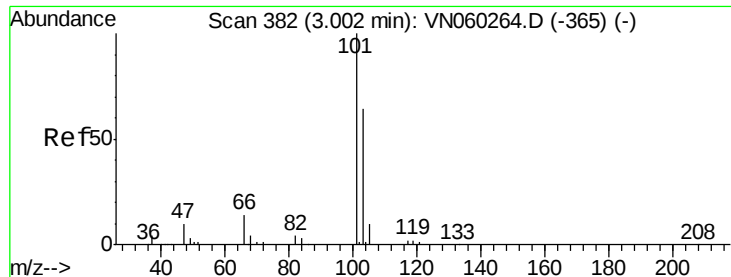
66 32.0 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



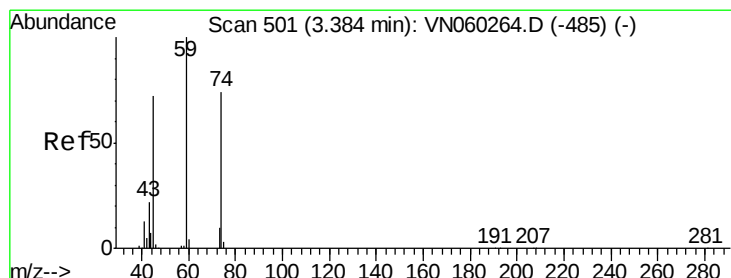
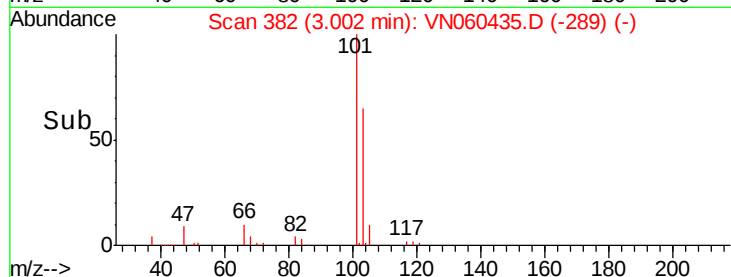
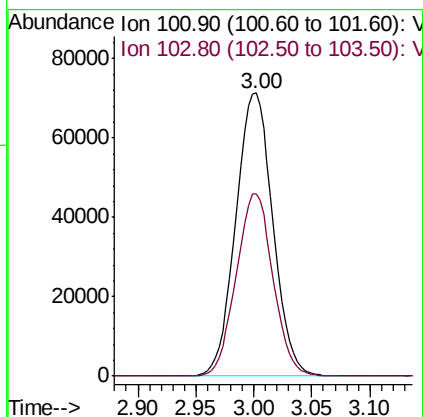
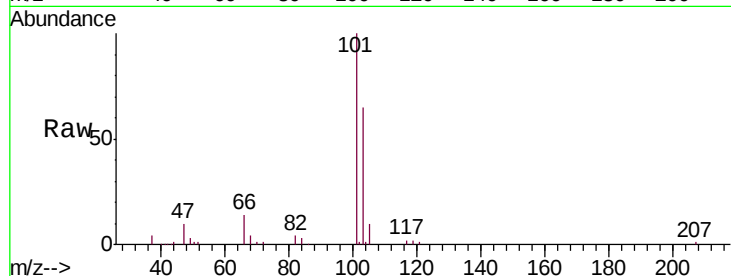


#7

Trichlorofluoromethane
 Concen: 45.892 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

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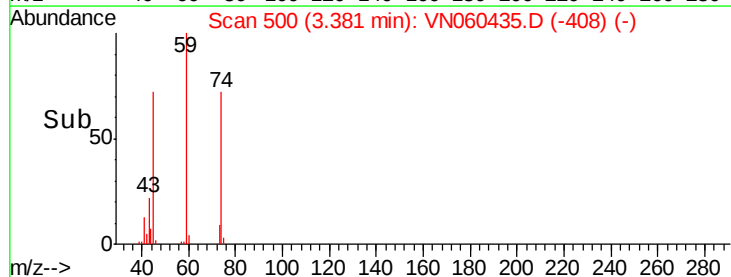
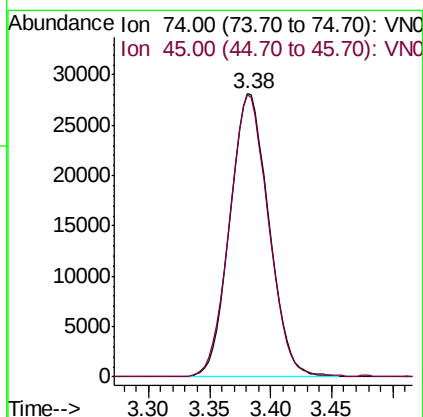
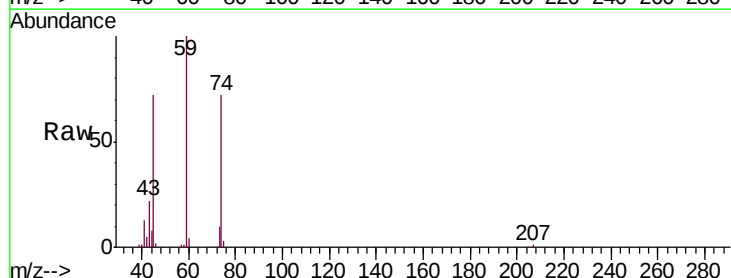
Tgt Ion:101 Resp: 158586
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.3 76.9



#8

Diethyl Ether
 Concen: 47.653 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion: 74 Resp: 62174
 Ion Ratio Lower Upper
 74 100
 45 100.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.624 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

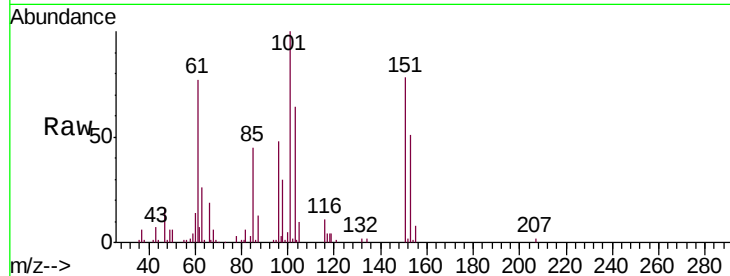
Tgt Ion:101 Resp: 95094

Ion Ratio Lower Upper

101 100

85 44.7 35.4 53.2

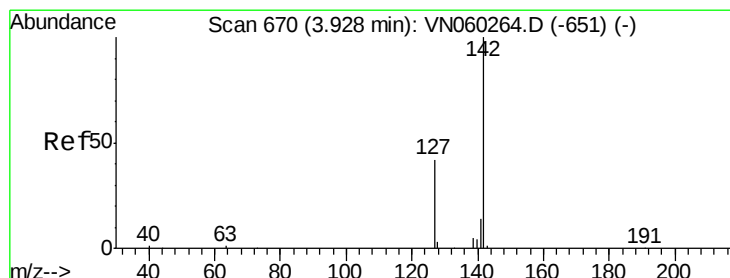
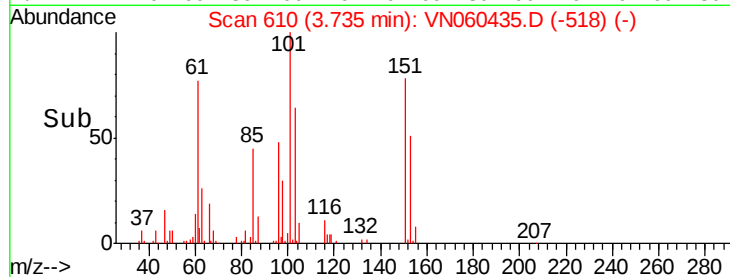
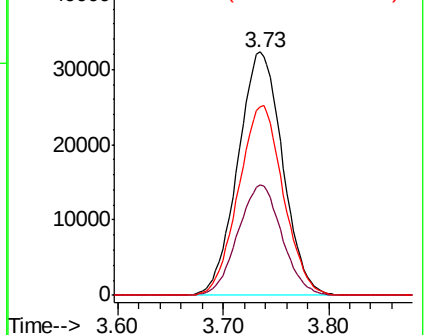
151 78.2 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.528 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

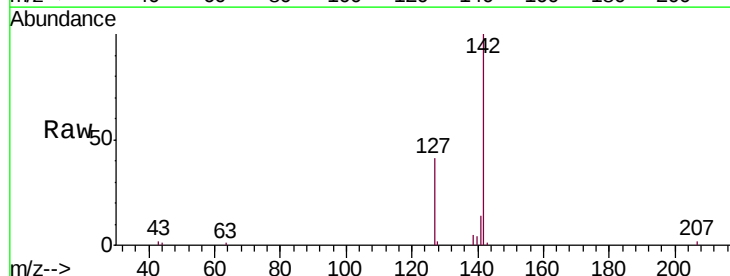
Tgt Ion:142 Resp: 72337

Ion Ratio Lower Upper

142 100

127 41.8 33.8 50.6

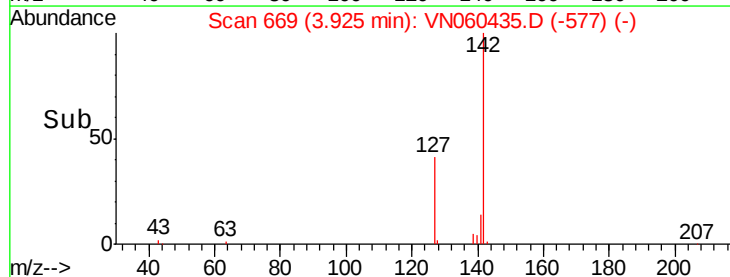
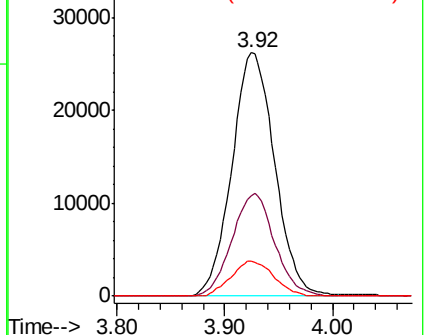
141 14.4 11.1 16.7

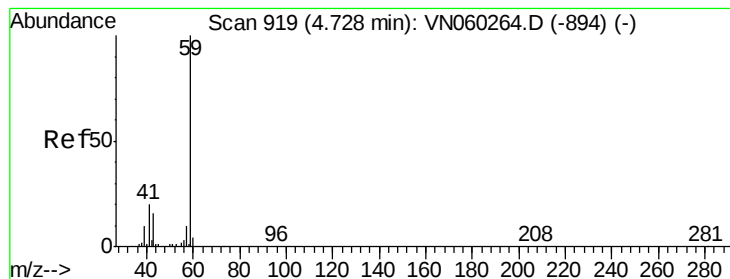


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



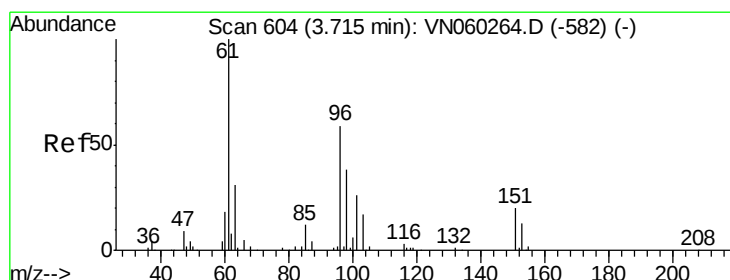
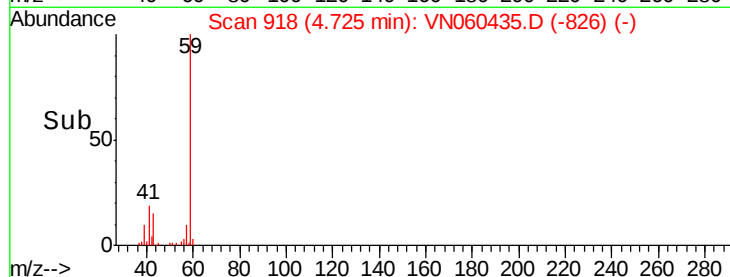
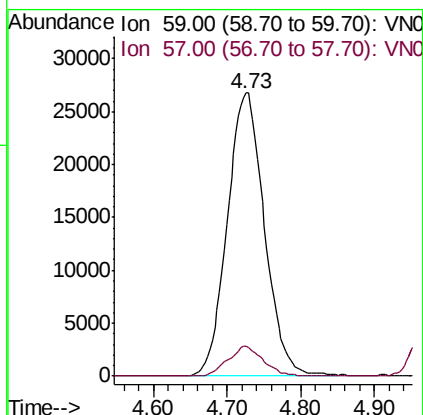
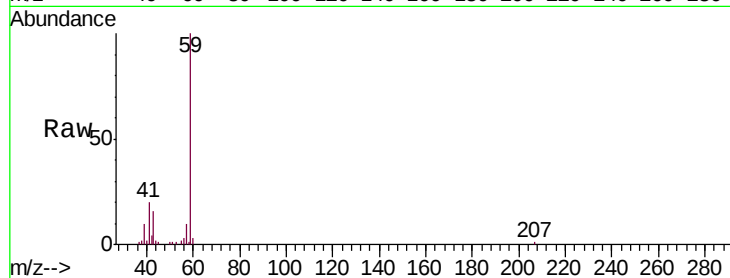


#11

Tert butyl alcohol
Concen: 249.327 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

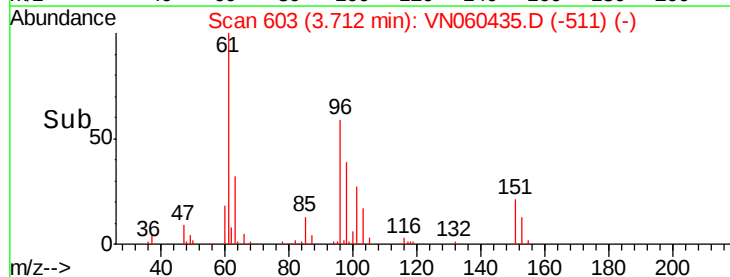
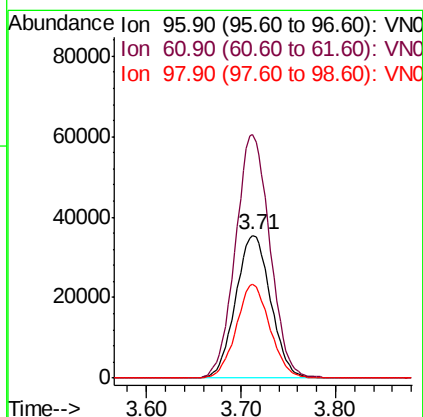
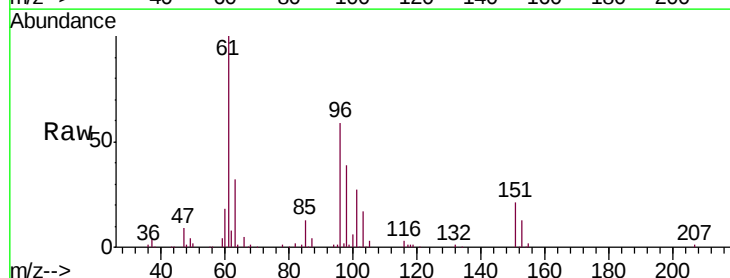
Tgt Ion: 59 Resp: 93845
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12

1,1-Dichloroethene
Concen: 48.256 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion: 96 Resp: 91599
Ion Ratio Lower Upper
96 100
61 170.1 135.4 203.0
98 65.7 51.6 77.4





#13

Acrolein

Concen: 267.064 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

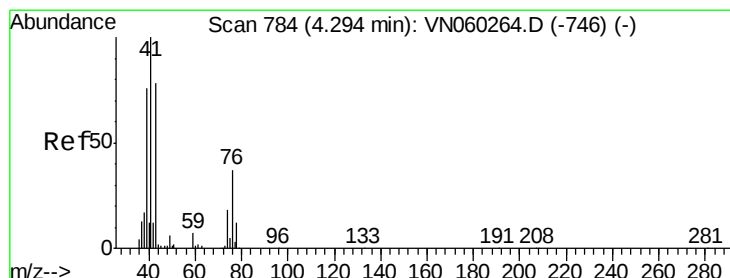
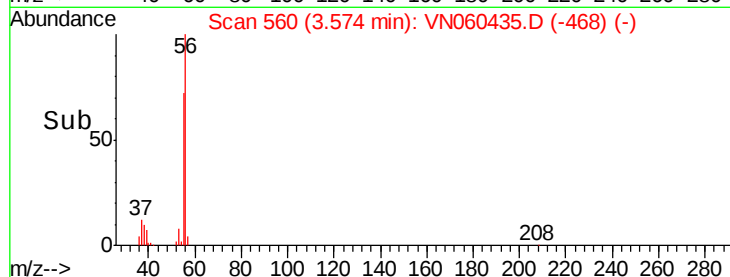
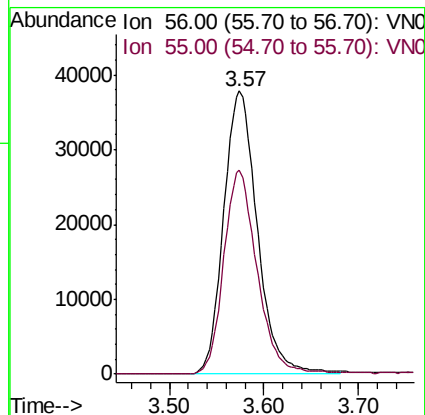
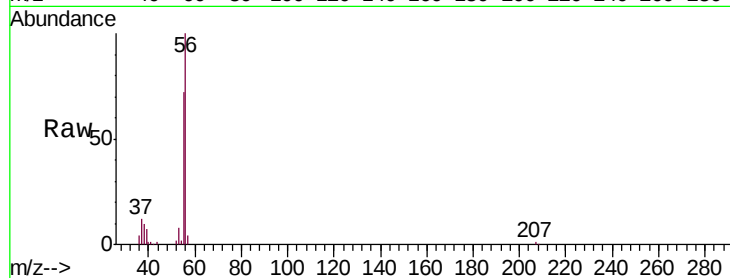
VSTDCCC050

Tgt Ion: 56 Resp: 93777

Ion Ratio Lower Upper

56 100

55 71.3 57.4 86.0



#14

Allyl chloride

Concen: 44.946 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

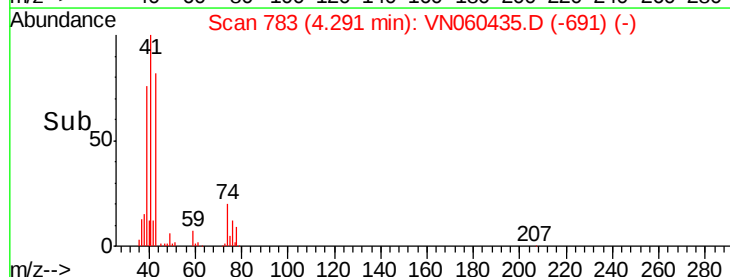
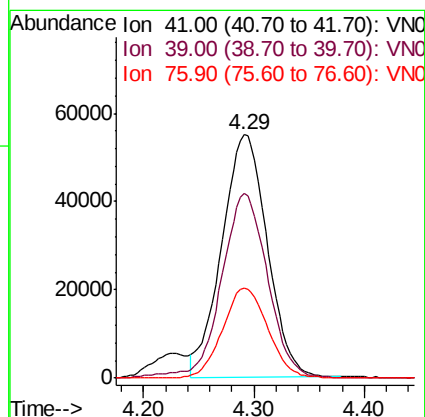
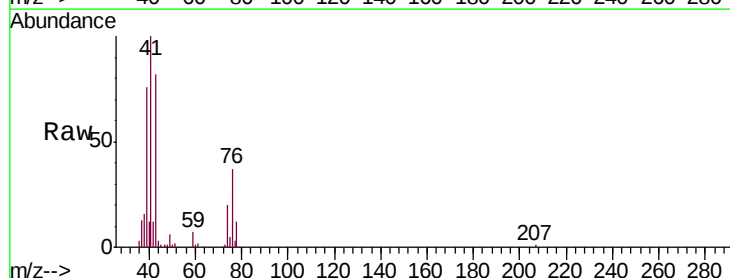
Tgt Ion: 41 Resp: 157299

Ion Ratio Lower Upper

41 100

39 77.5 55.4 83.2

76 37.0 27.0 40.6





#15

Acrylonitrile

Concen: 266.801 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

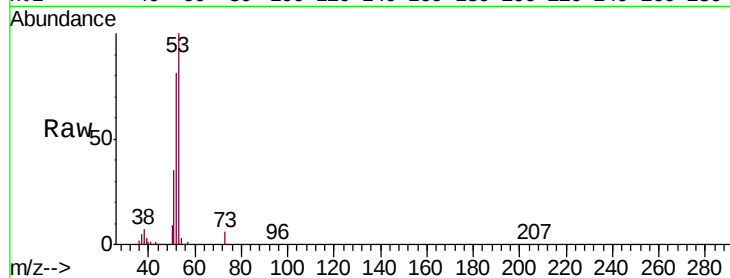
Tgt Ion: 53 Resp: 264693

Ion Ratio Lower Upper

53 100

52 82.3 66.8 100.2

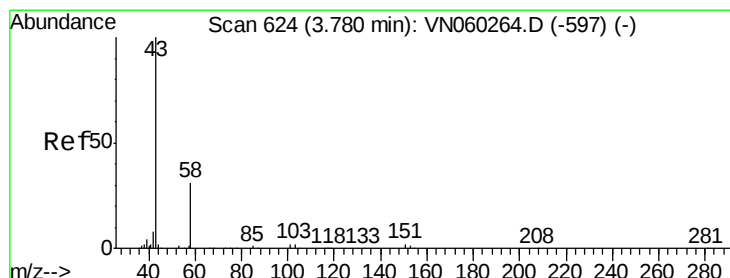
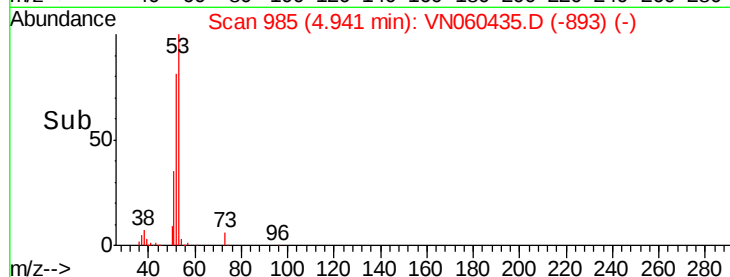
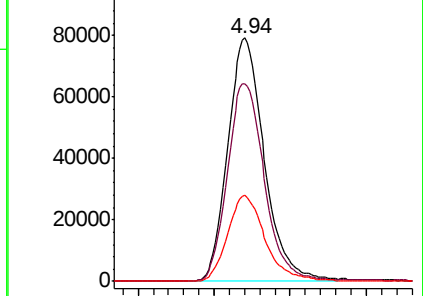
51 36.4 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN060264.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060264.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060264.D (-964) (-)



#16

Acetone

Concen: 276.373 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060435.D

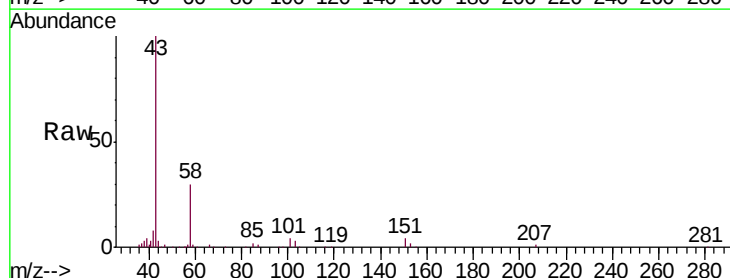
Acq: 11 Mar 2020 8:53

Tgt Ion: 43 Resp: 226234

Ion Ratio Lower Upper

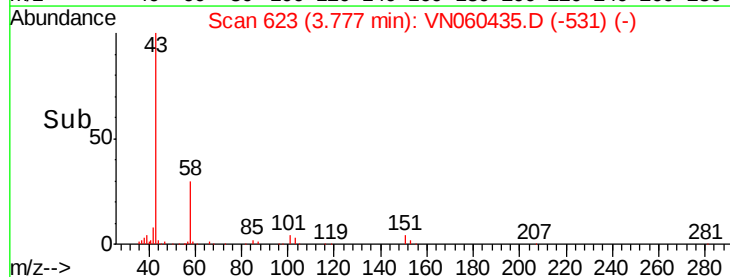
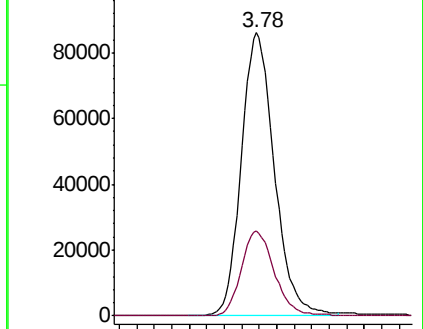
43 100

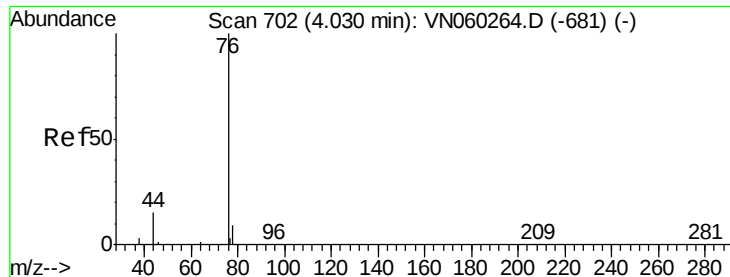
58 30.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-597) (-)

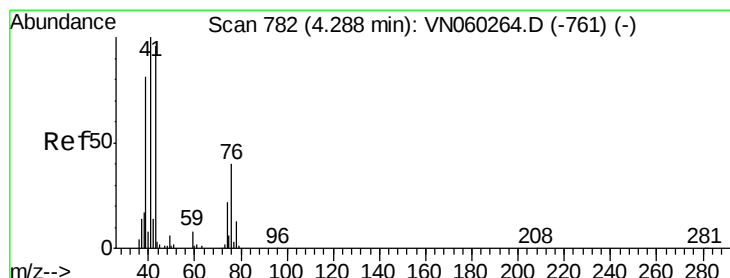
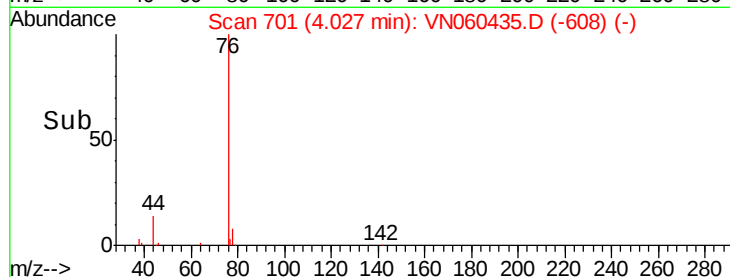
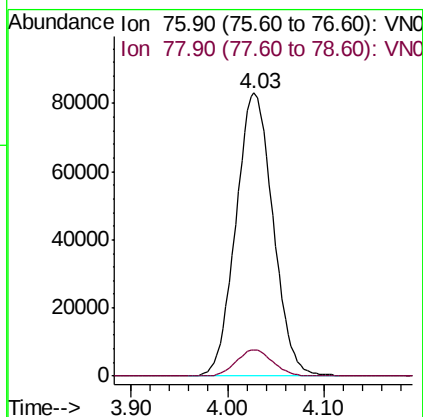
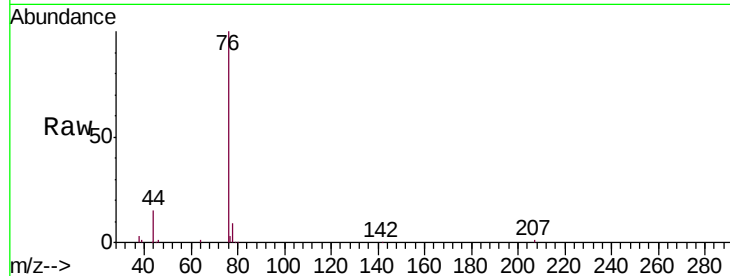




#17
Carbon Disulfide
Concen: 43.943 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

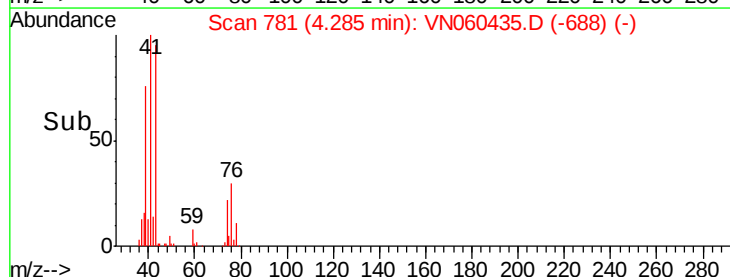
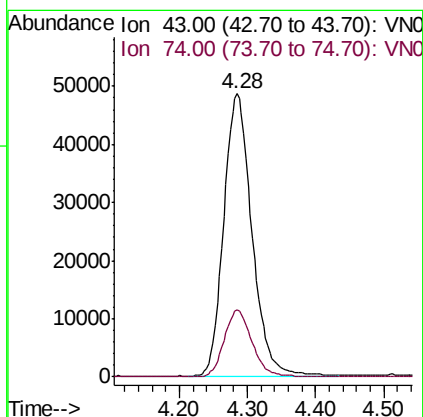
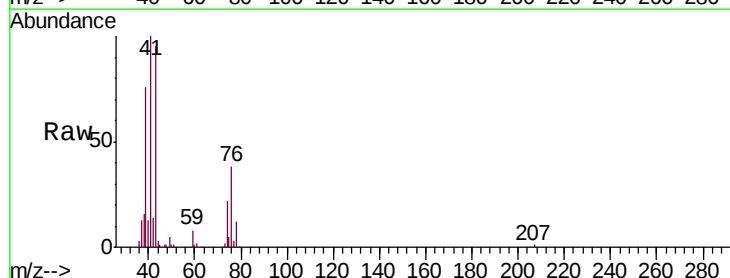
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 221774
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 51.700 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion: 43 Resp: 141231
Ion Ratio Lower Upper
43 100
74 23.1 18.8 28.2

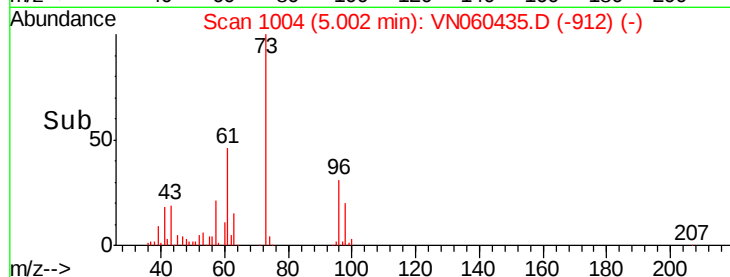
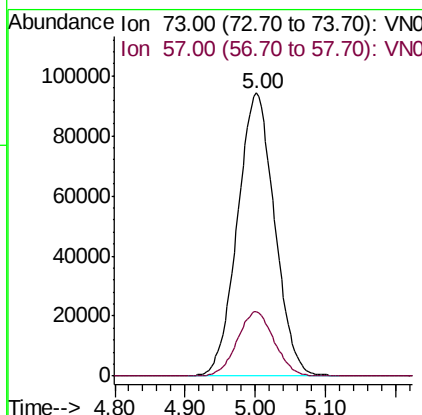
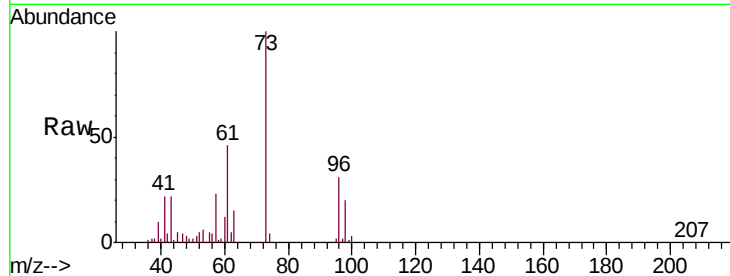




#19
Methyl tert-butyl Ether
Concen: 50.290 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

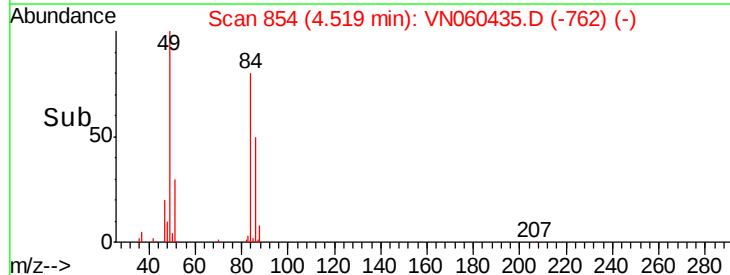
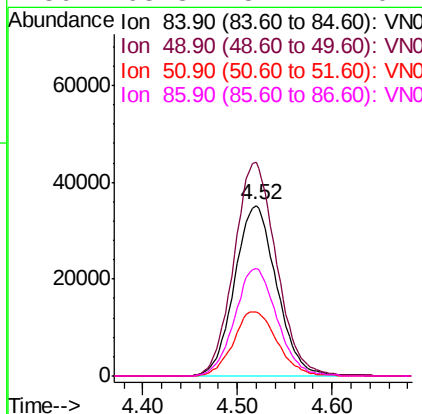
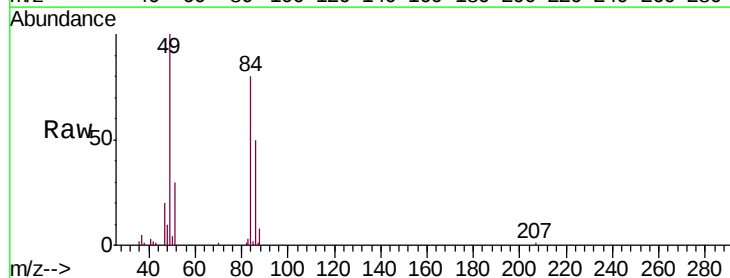
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 346574
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 48.364 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion: 84 Resp: 108726
Ion Ratio Lower Upper
84 100
49 125.4 99.3 148.9
51 37.7 30.1 45.1
86 63.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.082 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

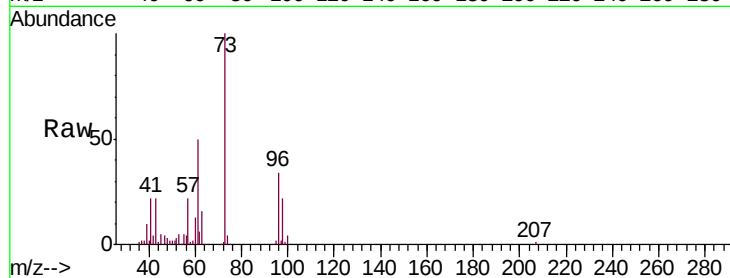
Tgt Ion: 96 Resp: 98088

Ion Ratio Lower Upper

96 100

61 146.7 113.8 170.8

98 64.8 48.8 73.2

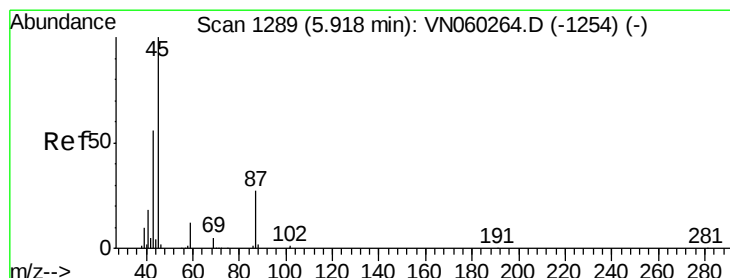
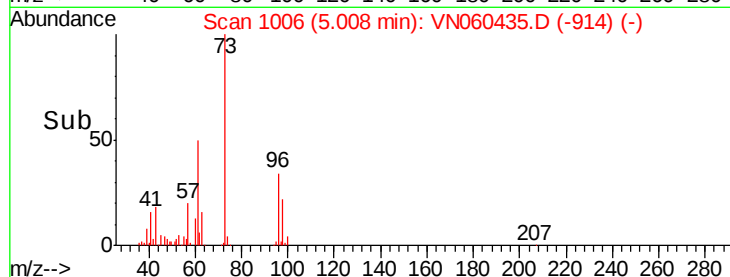
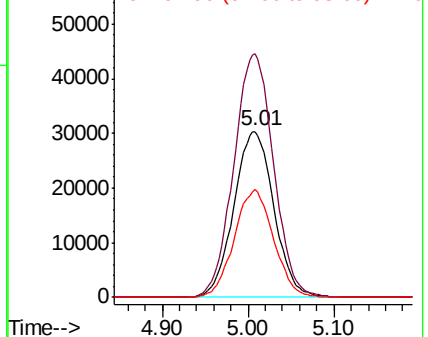


Abundance

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: 53.237 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Tgt Ion: 45 Resp: 377396

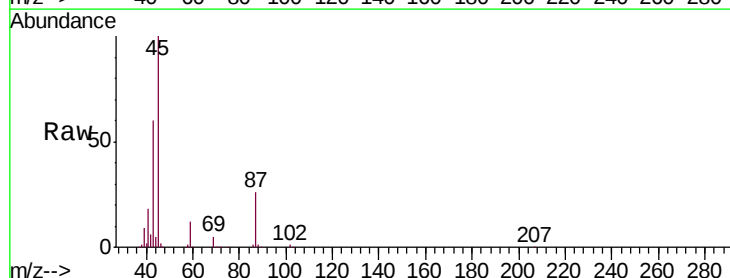
Ion Ratio Lower Upper

45 100

43 59.3 48.6 72.8

87 26.4 22.2 33.2

59 12.0 9.5 14.3



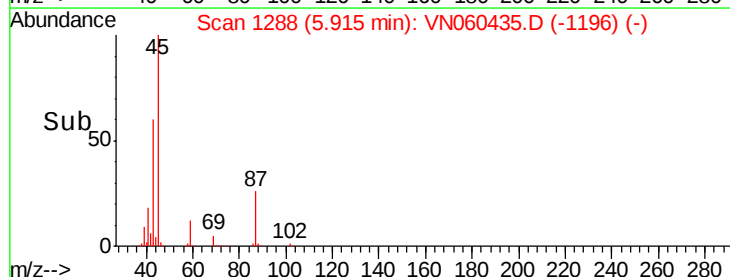
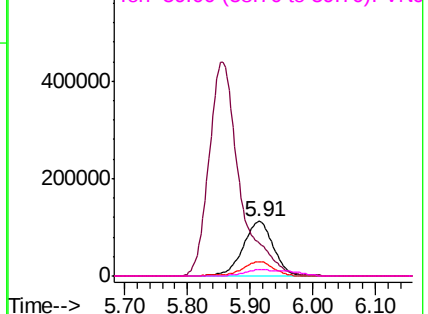
Abundance

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

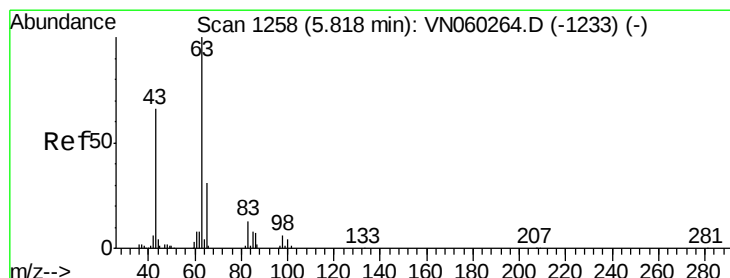
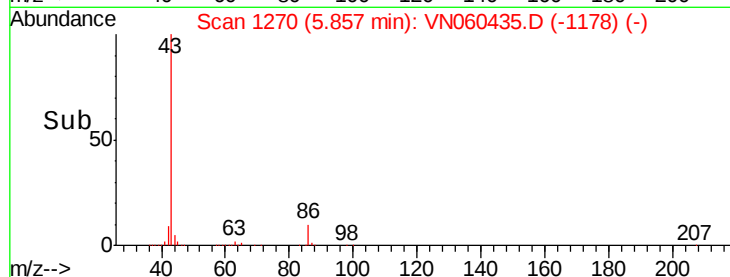
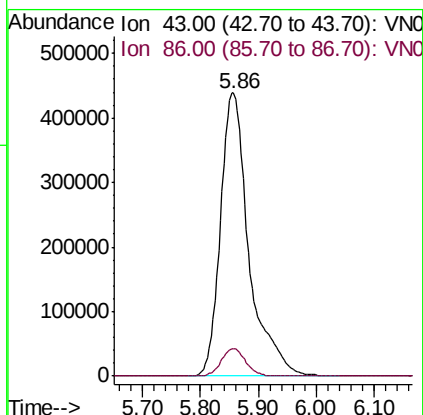
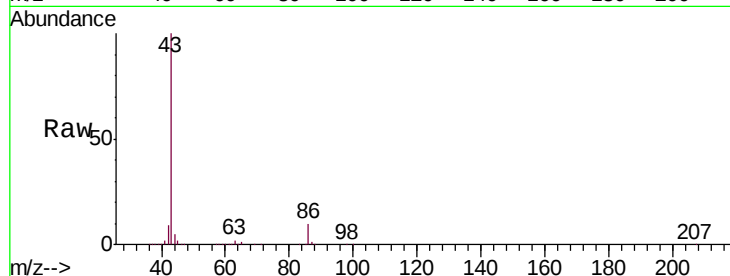




#23
 Vinyl Acetate
 Concen: 265.504 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

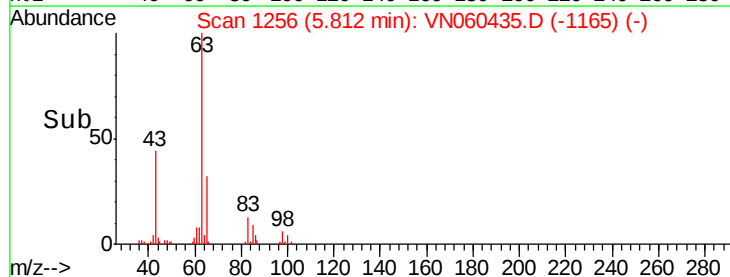
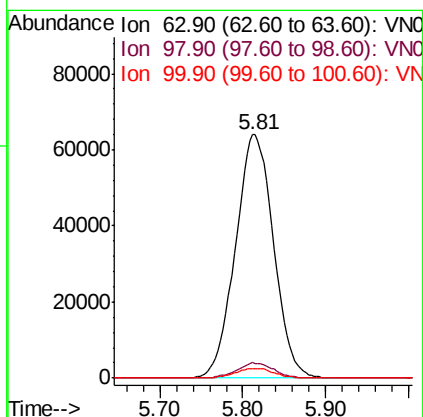
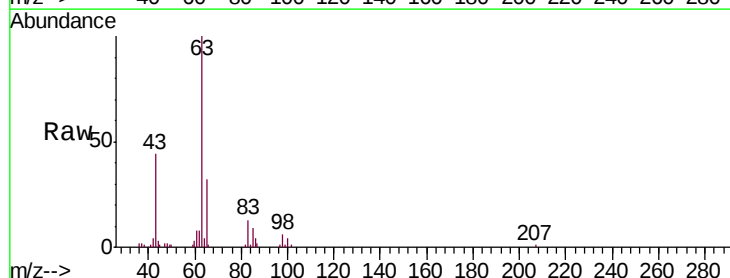
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1495613
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 50.845 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion: 63 Resp: 204032
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.0
 100 4.0 2.0 6.0

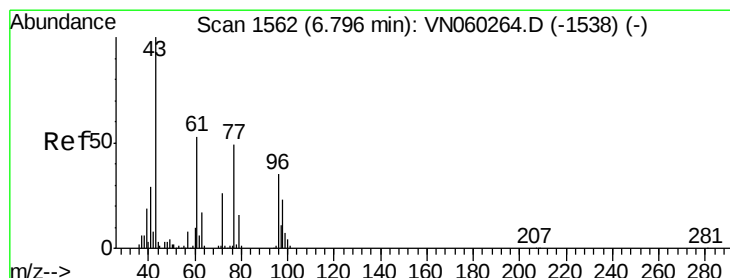
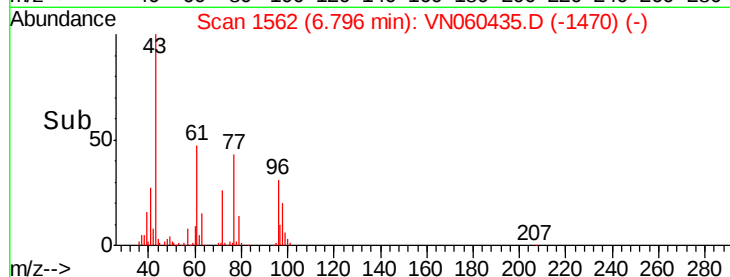
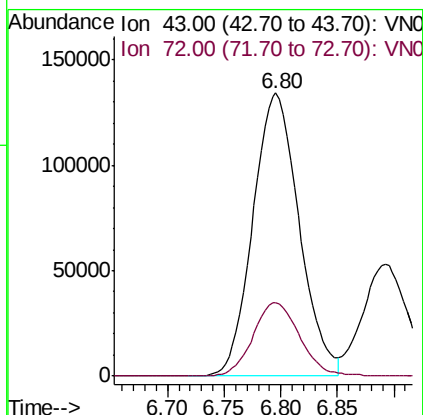
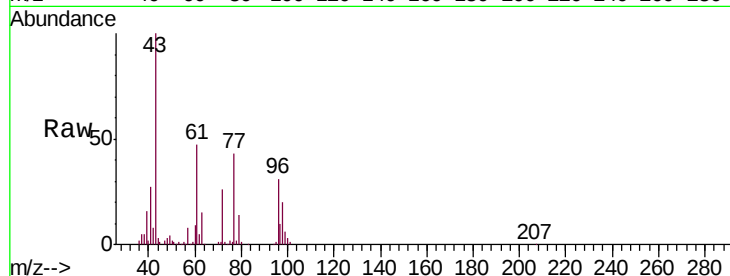




#25
2-Butanone
Concen: 288.197 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

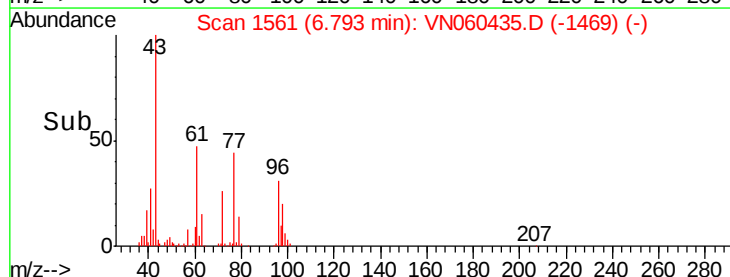
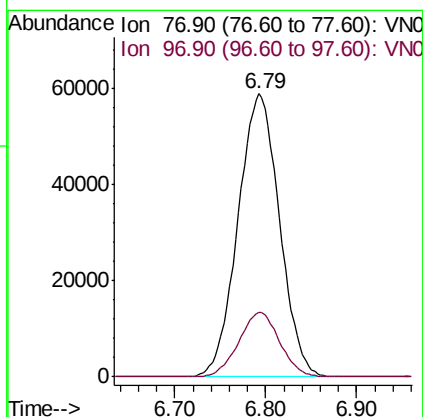
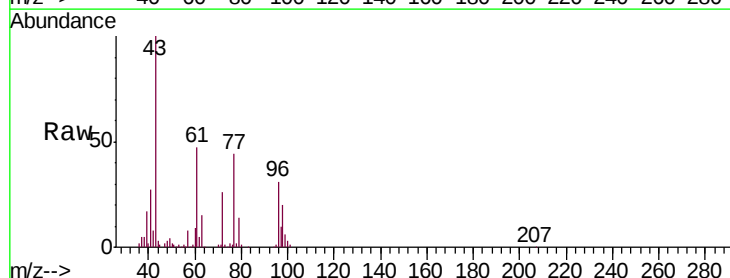
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

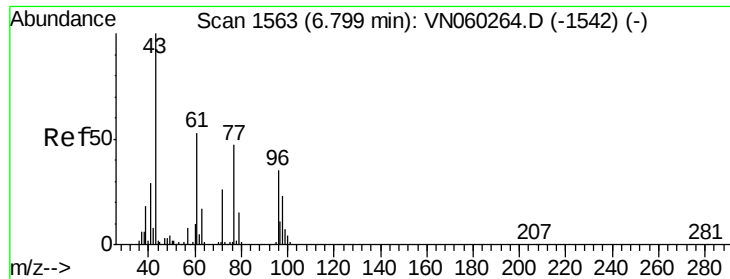
Tgt Ion: 43 Resp: 381055
Ion Ratio Lower Upper
43 100
72 26.0 20.9 31.3



#26
2,2-Dichloropropane
Concen: 51.117 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion: 77 Resp: 186740
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6

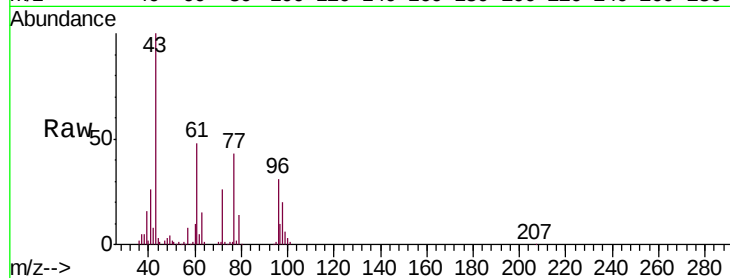




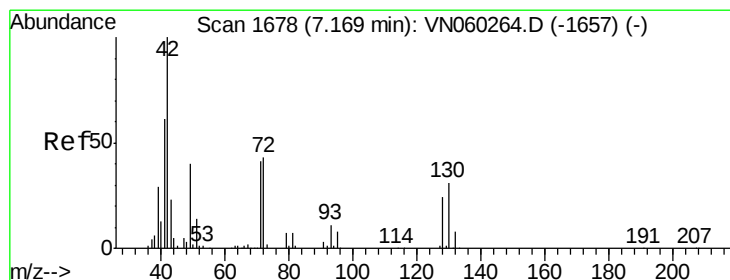
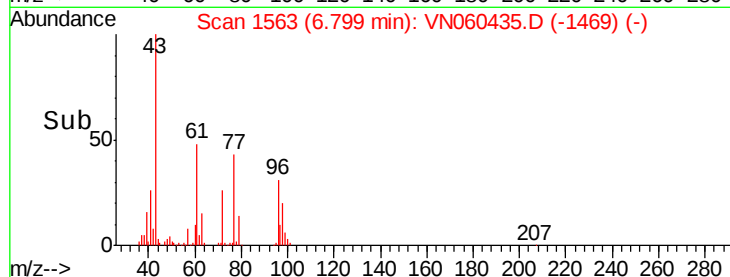
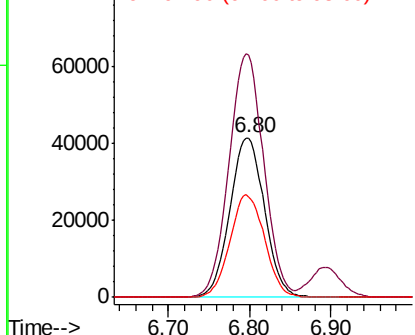
#27
 cis-1,2-Dichloroethene
 Concen: 46.995 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	300.8
98	64.5	0.0	128.2

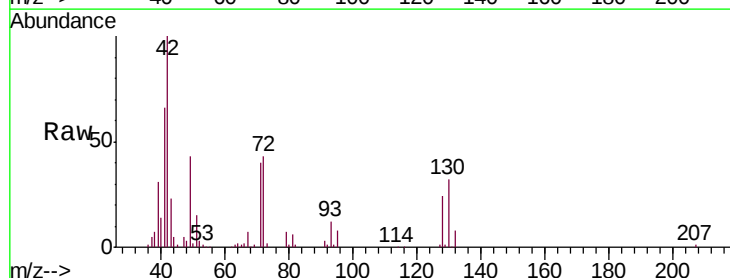


Abundance Ion 95.90 (95.60 to 96.60): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO

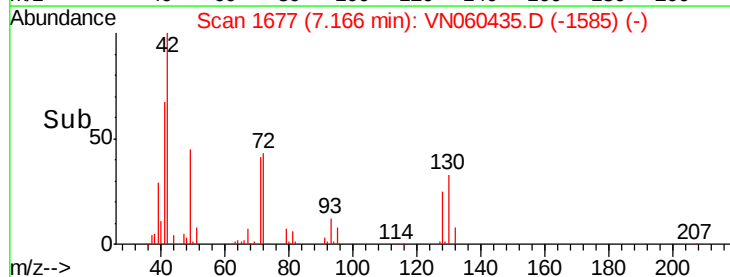
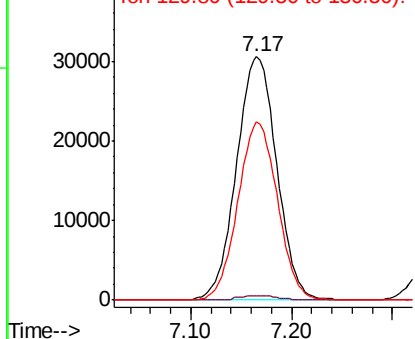


#28
 Bromochloromethane
 Concen: 51.472 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	71.9	59.8	89.8



Abundance Ion 48.90 (48.60 to 49.60): VNO
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 257.312 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

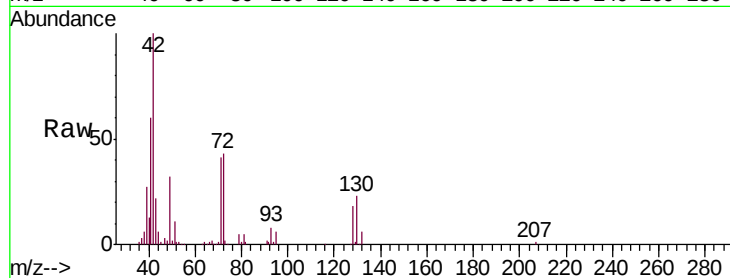
Tgt Ion: 42 Resp: 236581

Ion Ratio Lower Upper

42 100

72 42.9 34.6 52.0

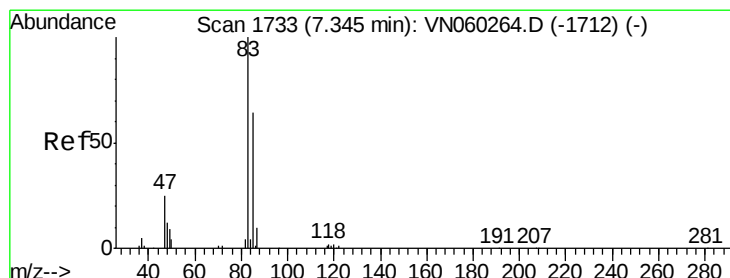
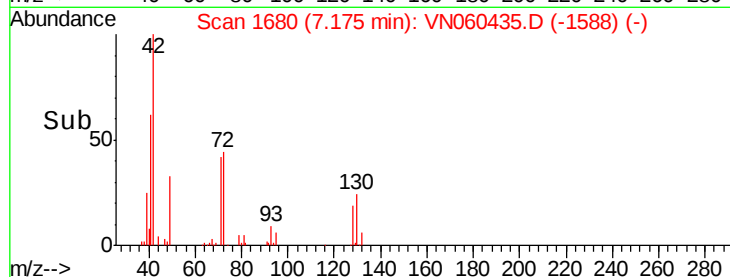
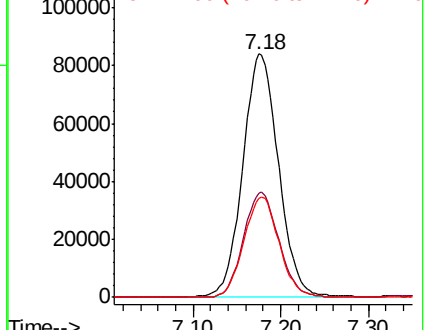
71 40.9 32.9 49.3



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: 51.562 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060435.D

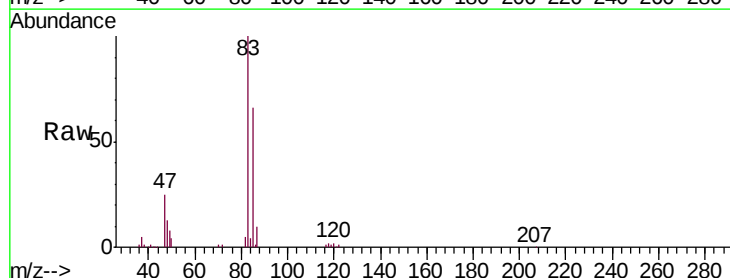
Acq: 11 Mar 2020 8:53

Tgt Ion: 83 Resp: 205974

Ion Ratio Lower Upper

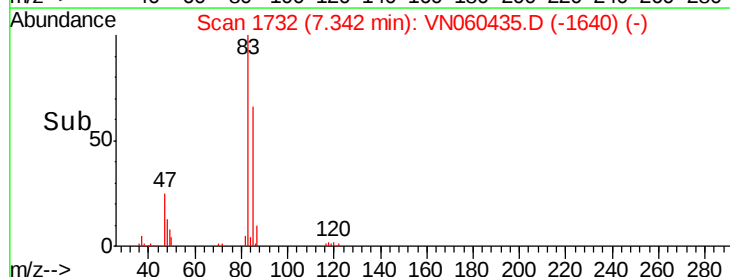
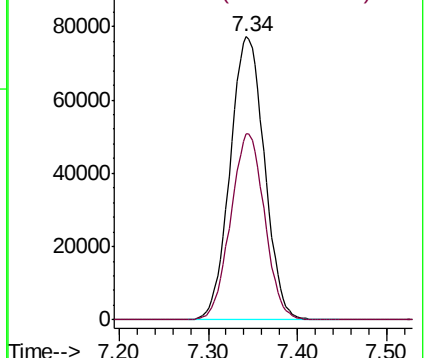
83 100

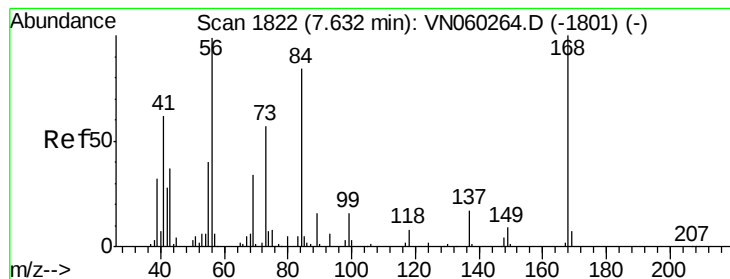
85 65.5 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 50.324 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

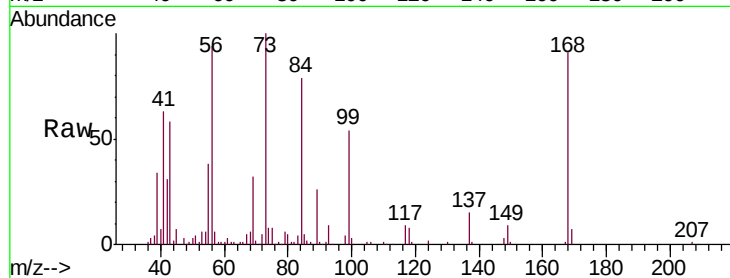
Tgt Ion: 56 Resp: 172299

Ion Ratio Lower Upper

56 100

69 33.7 27.2 40.8

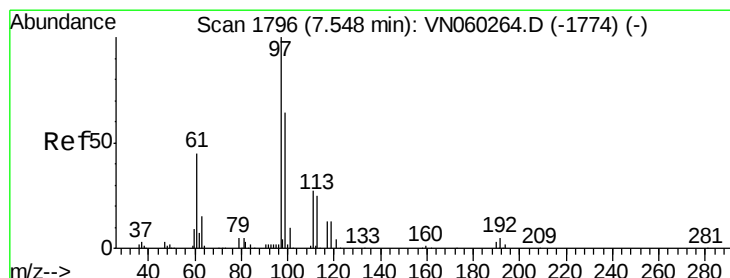
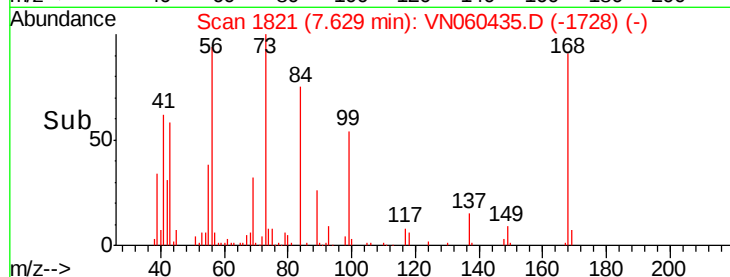
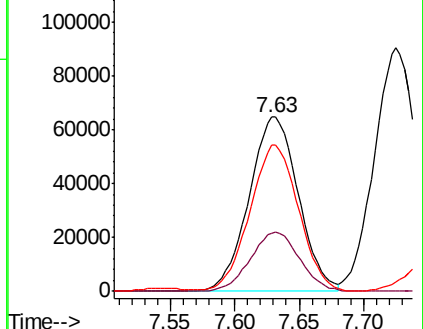
84 82.9 66.7 100.1



Abundance Ion 56.00 (55.70 to 56.70): VN060264.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN060264.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN060264.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 49.784 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

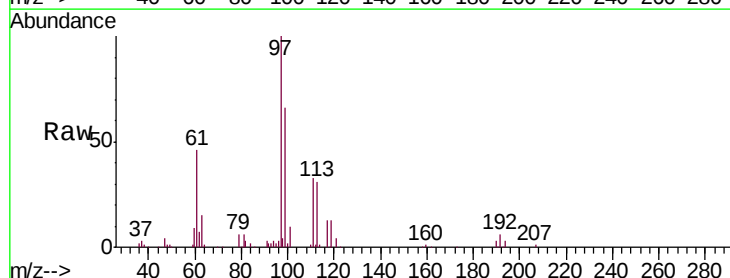
Tgt Ion: 97 Resp: 176201

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

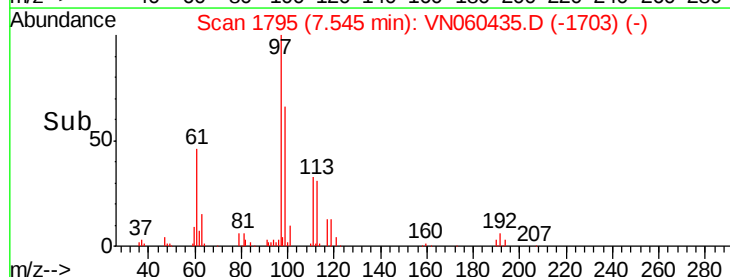
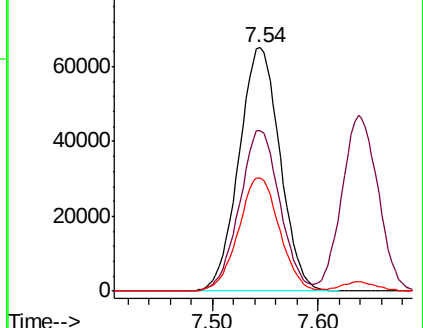
61 46.5 36.6 55.0



Abundance Ion 96.90 (96.60 to 97.60): VN060264.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN060264.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN060264.D (-1774) (-)

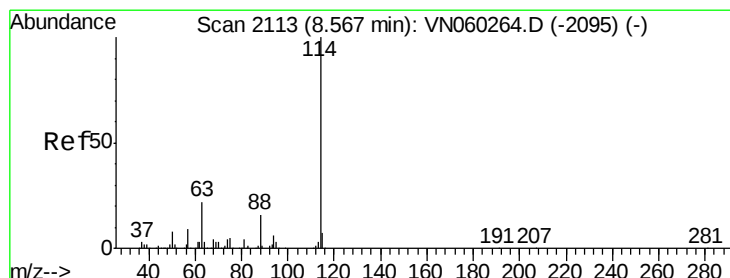
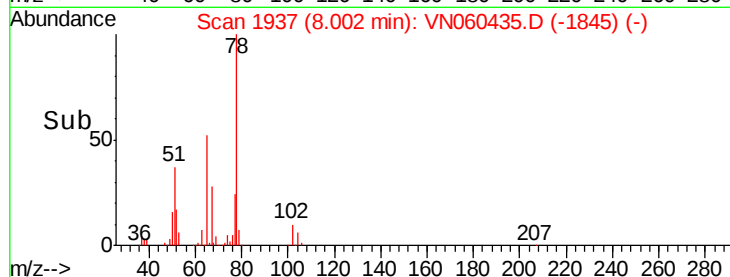
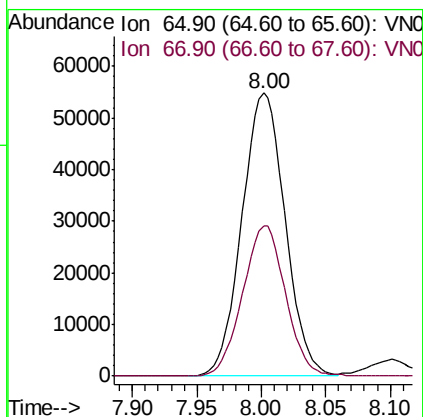
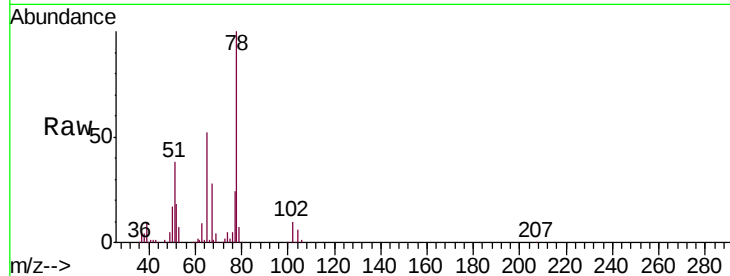




#33
 1,2-Dichloroethane-d4
 Concen: 50.587 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

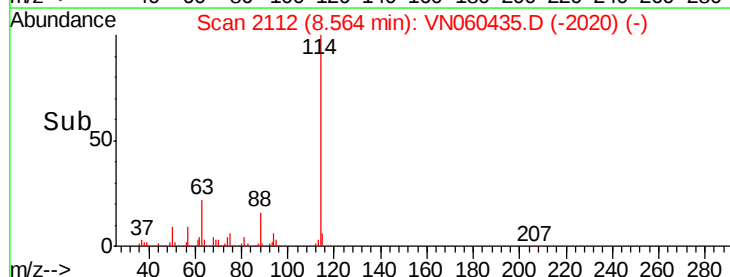
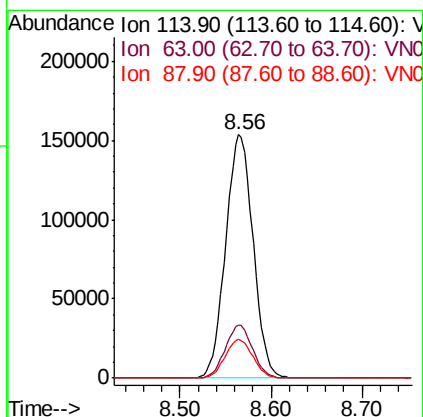
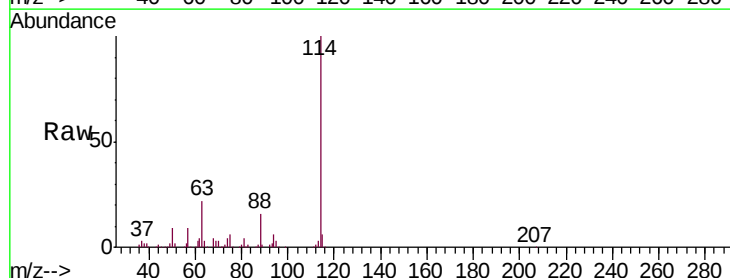
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

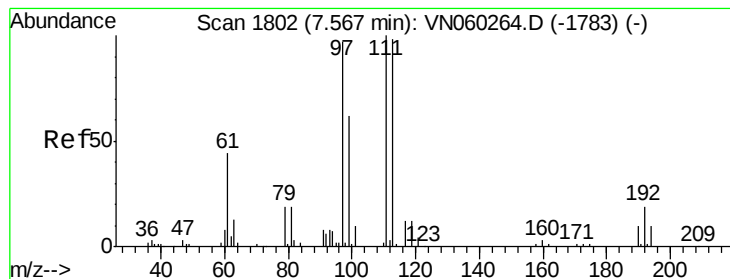
Tgt Ion: 65 Resp: 128230
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion: 114 Resp: 321510
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 63.838 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

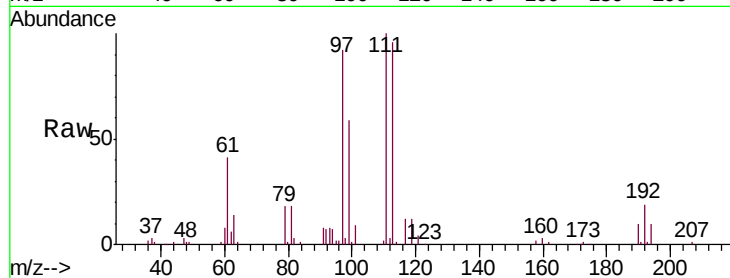
Tgt Ion:113 Resp: 95269

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

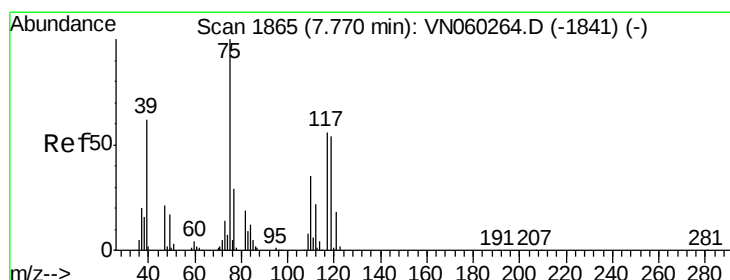
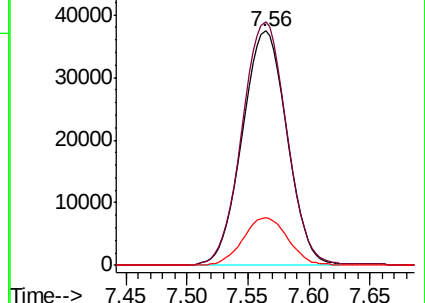
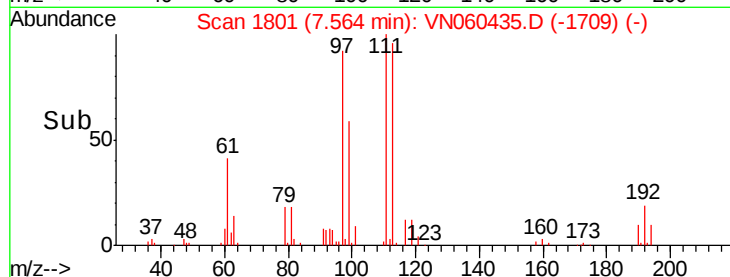
192 20.4 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.244 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

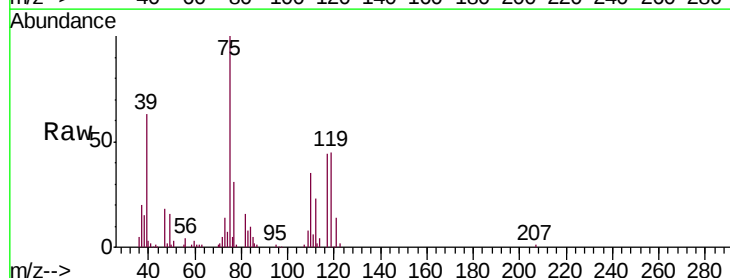
Tgt Ion: 75 Resp: 147828

Ion Ratio Lower Upper

75 100

110 34.6 17.3 52.0

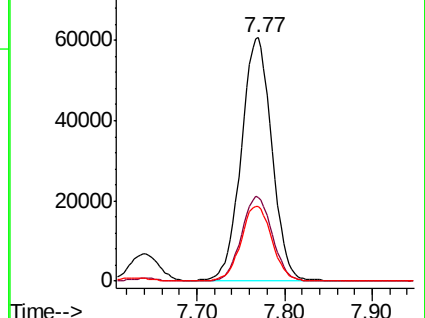
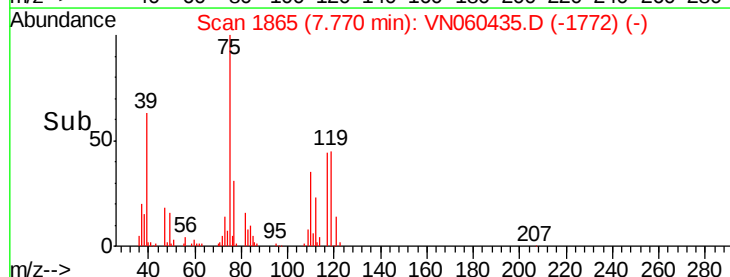
77 31.0 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

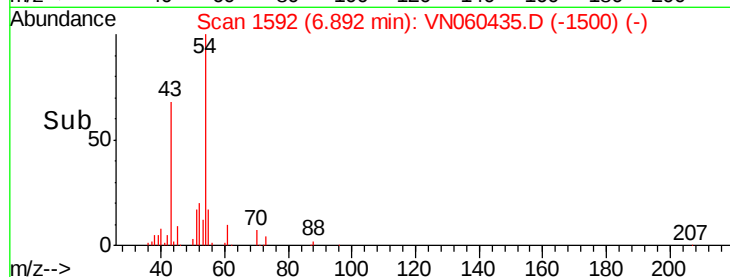
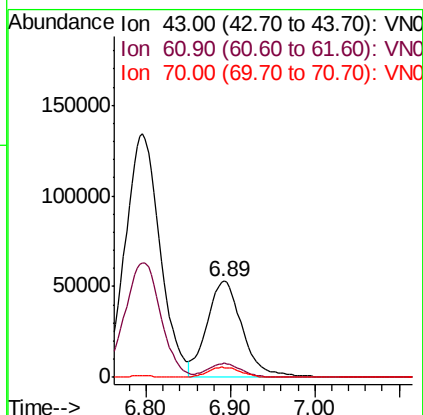
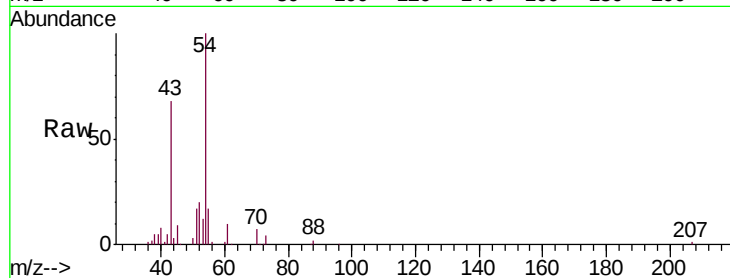




#37
Ethyl Acetate
 Concen: 52.799 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

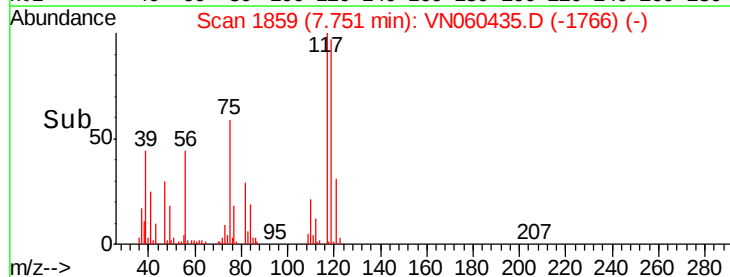
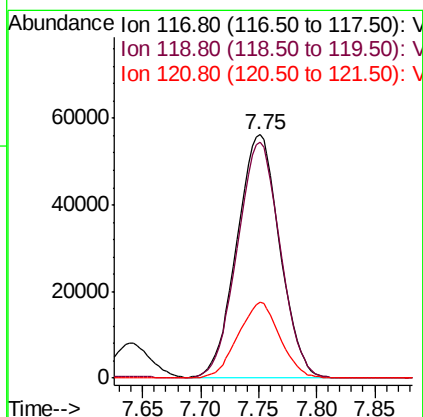
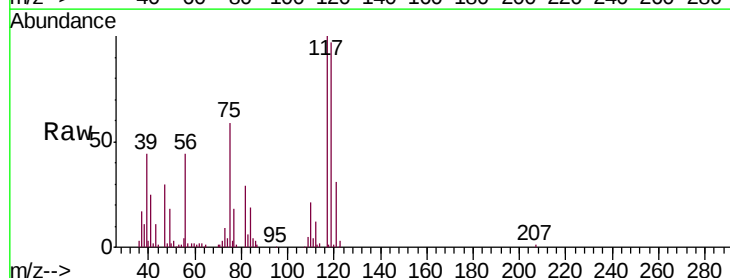
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 153190
 Ion Ratio Lower Upper
 43 100
 61 13.6 11.1 16.7
 70 10.1 8.4 12.6



#38
Carbon Tetrachloride
 Concen: 48.641 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion: 117 Resp: 145111
 Ion Ratio Lower Upper
 117 100
 119 96.9 76.7 115.1
 121 31.0 24.5 36.7

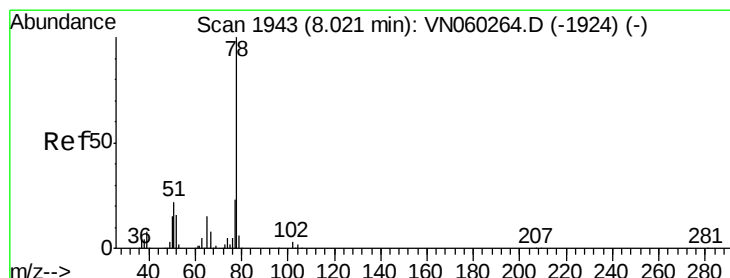
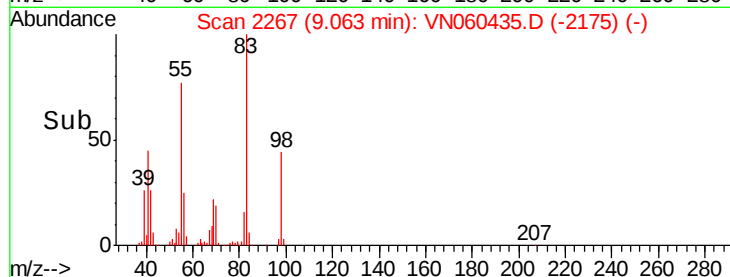
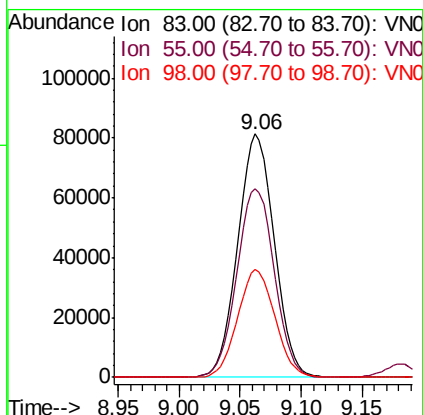
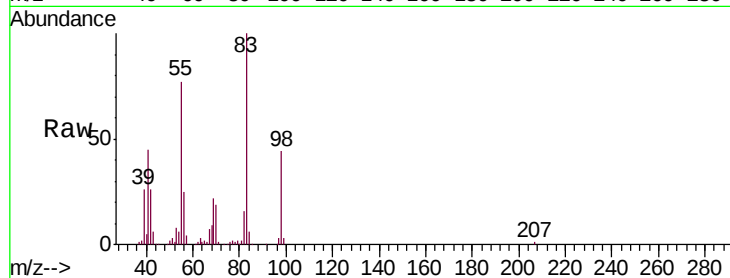




#39
Methylcyclohexane
Concen: 46.674 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

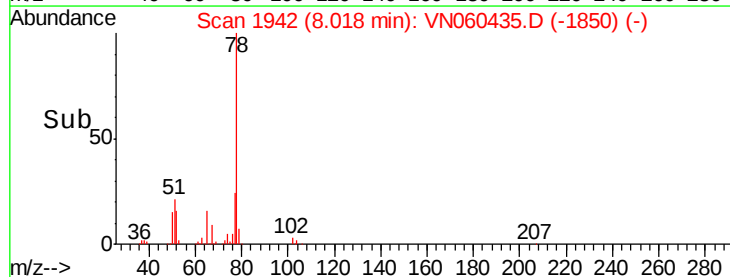
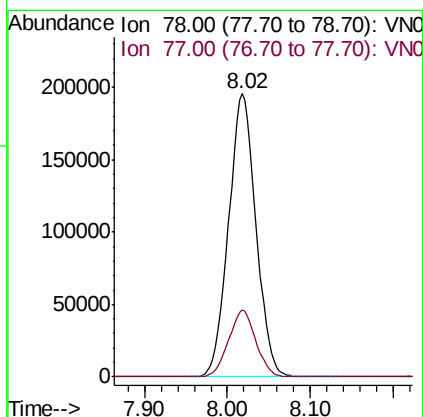
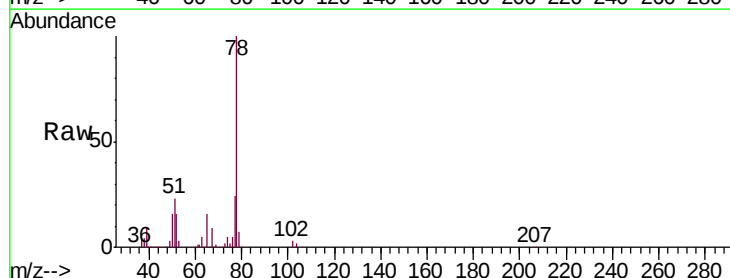
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 168625
Ion Ratio Lower Upper
83 100
55 77.3 61.0 91.4
98 44.2 36.1 54.1



#40
Benzene
Concen: 50.370 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion: 78 Resp: 449224
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

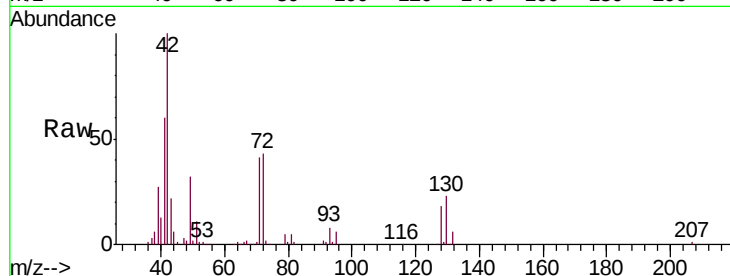




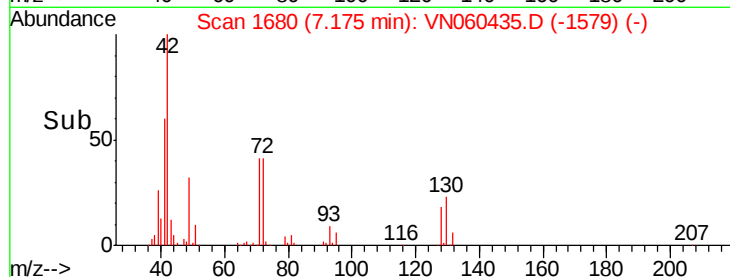
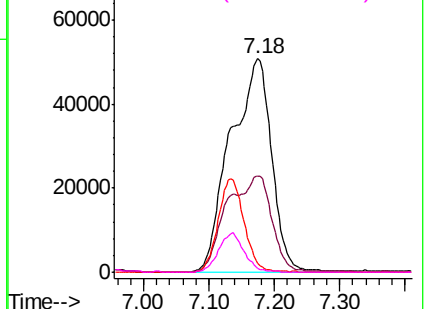
#41
Methacrylonitrile
Concen: 165.247 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	221376
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

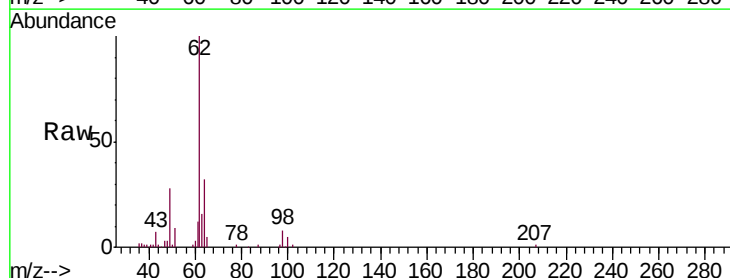


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

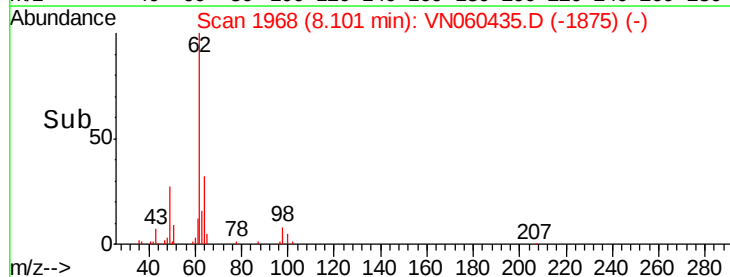
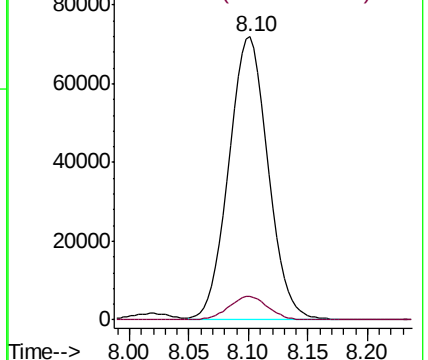


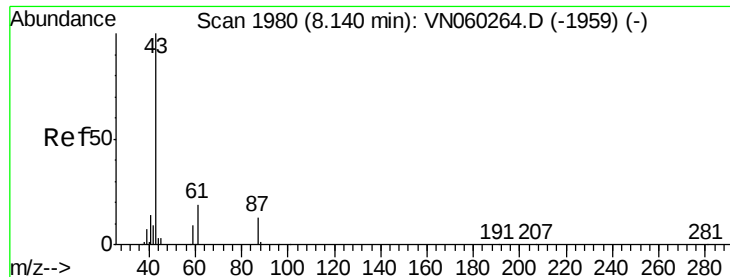
#42
1,2-Dichloroethane
Concen: 50.867 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion:	62	Resp:	163704
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 53.354 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

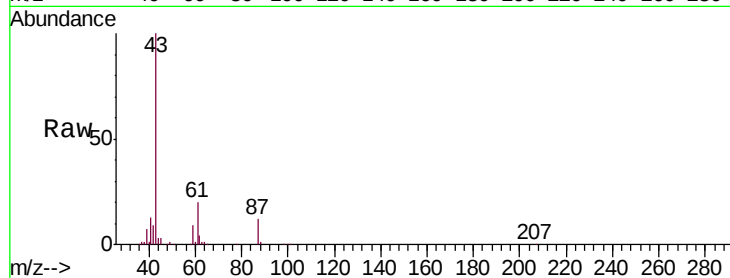
Tgt Ion: 43 Resp: 271001

Ion Ratio Lower Upper

43 100

61 25.9 20.9 31.3

87 12.5 10.6 16.0

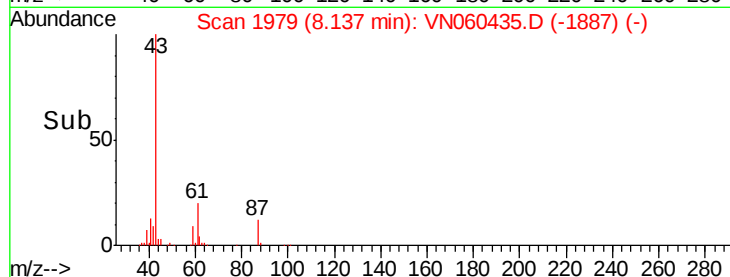


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

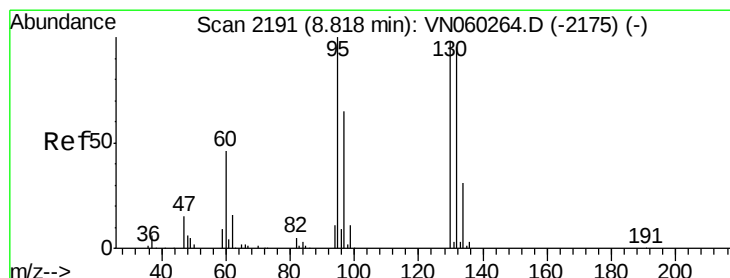
Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)

8.14



Time-->

8.00 8.10 8.20



#44

Trichloroethene

Concen: 48.846 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060435.D

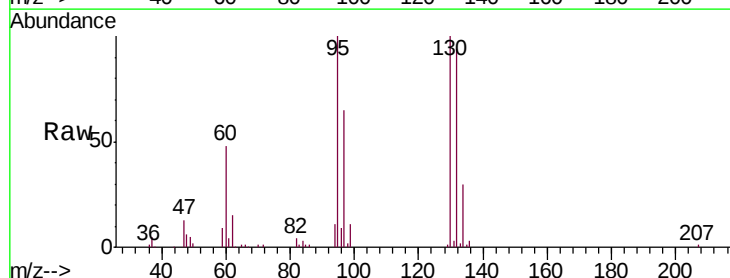
Acq: 11 Mar 2020 8:53

Tgt Ion: 130 Resp: 121325

Ion Ratio Lower Upper

130 100

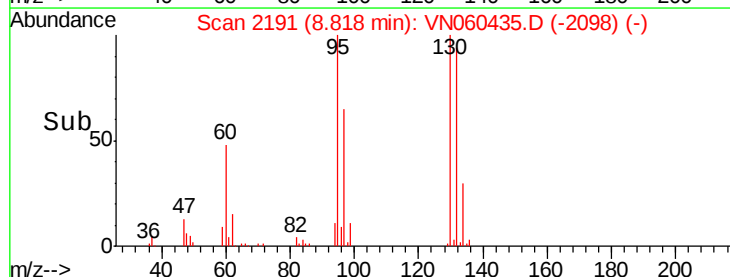
95 100.3 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060435.D (-2098) (-)

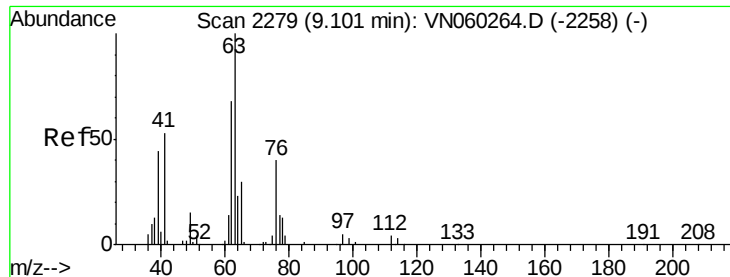
Ion 94.90 (94.60 to 95.60): VN060435.D (-2098) (-)

8.82



Time-->

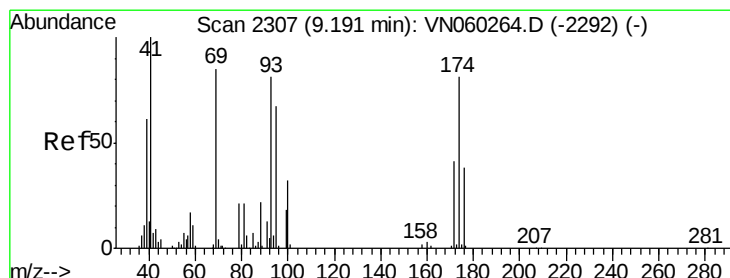
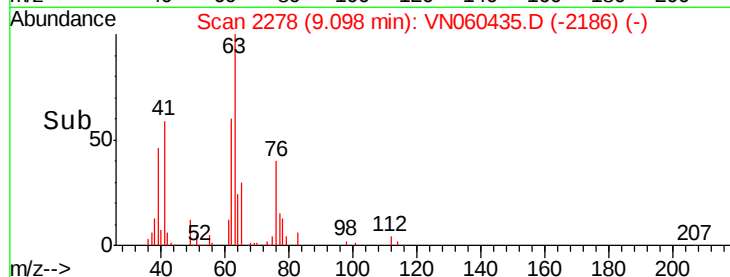
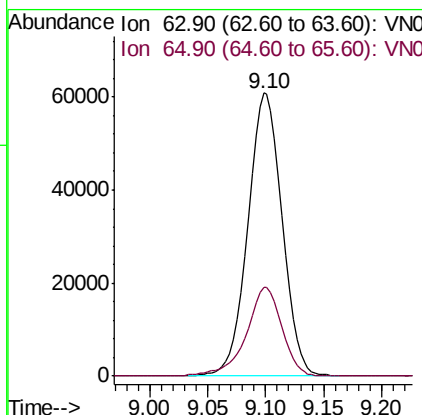
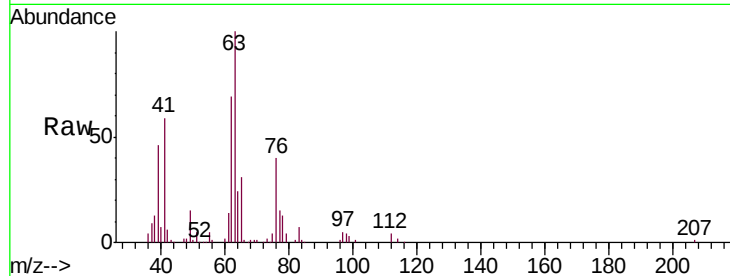
8.75 8.80 8.85 8.90



#45
 1,2-Dichloropropane
 Concen: 53.738 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

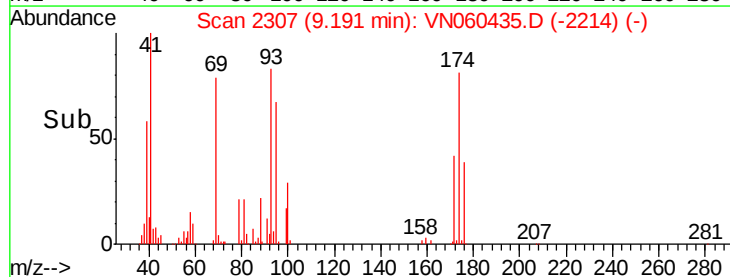
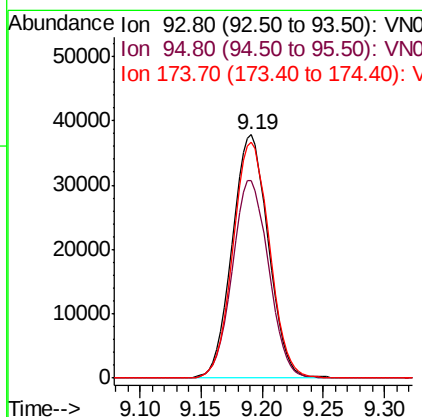
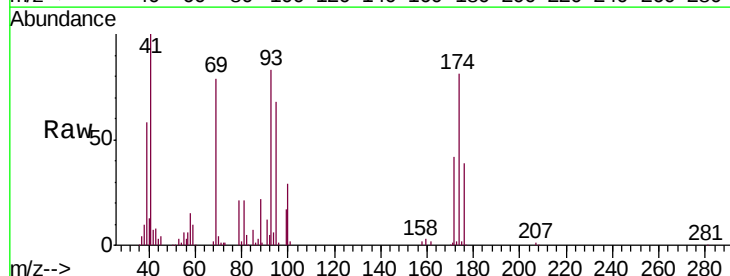
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

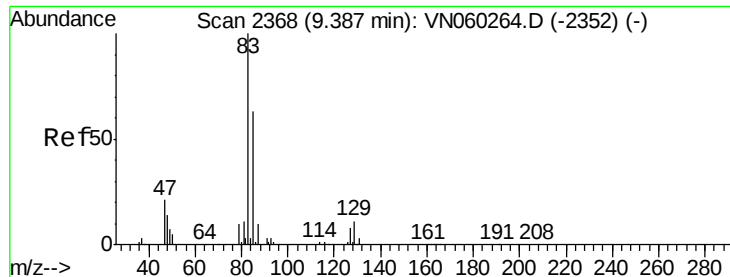
Tgt Ion: 63 Resp: 125303
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.4 36.6



#46
 Dibromomethane
 Concen: 51.335 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion: 93 Resp: 77669
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.9 98.9
 174 97.6 79.6 119.4





#47

Bromodichloromethane

Concen: 53.500 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

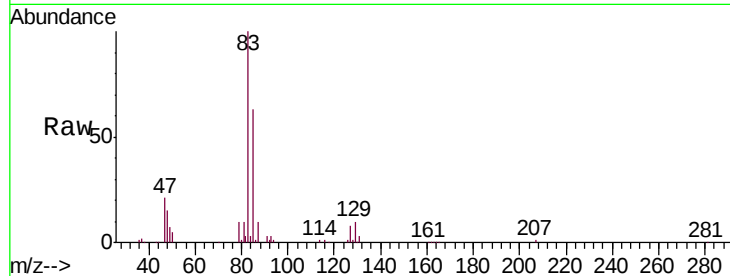
Tgt Ion: 83 Resp: 164629

Ion Ratio Lower Upper

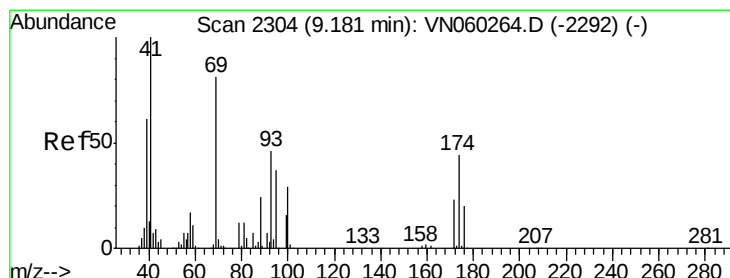
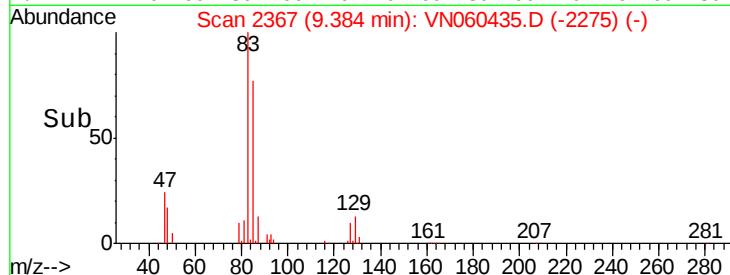
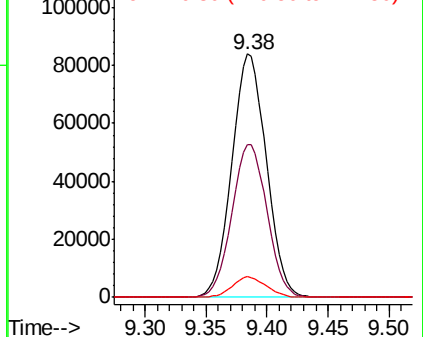
83 100

85 62.9 50.7 76.1

127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 51.873 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

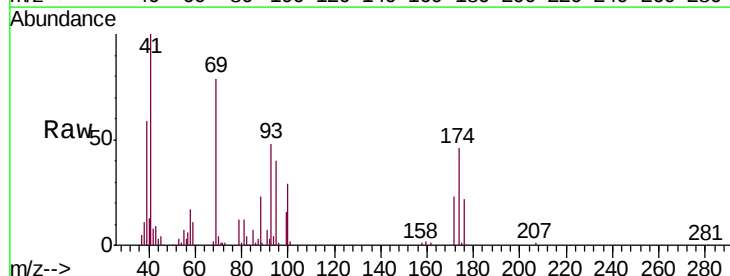
Tgt Ion: 41 Resp: 120151

Ion Ratio Lower Upper

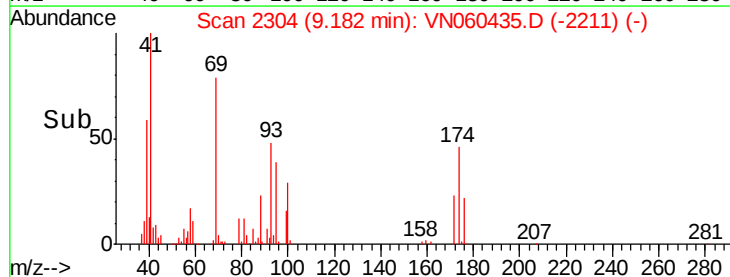
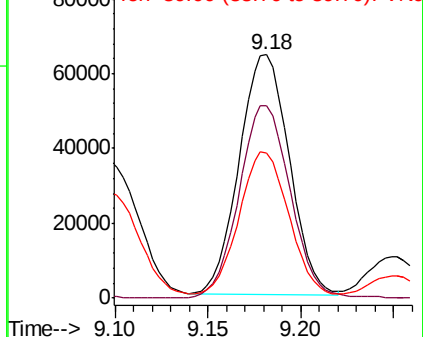
41 100

69 82.7 66.7 100.1

39 62.3 50.1 75.1



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

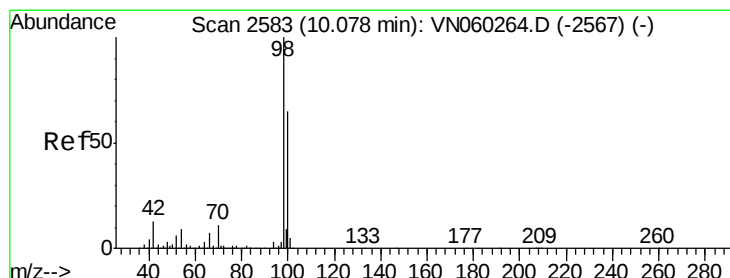
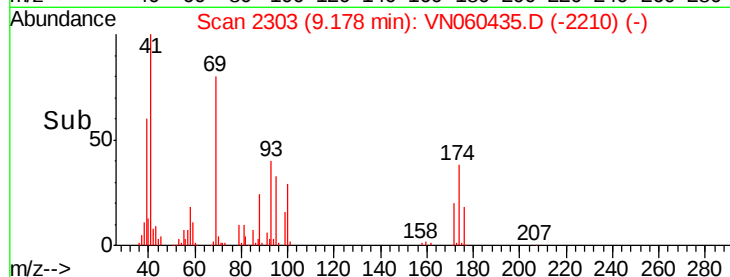
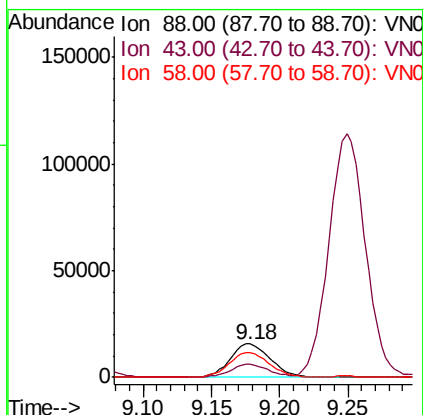
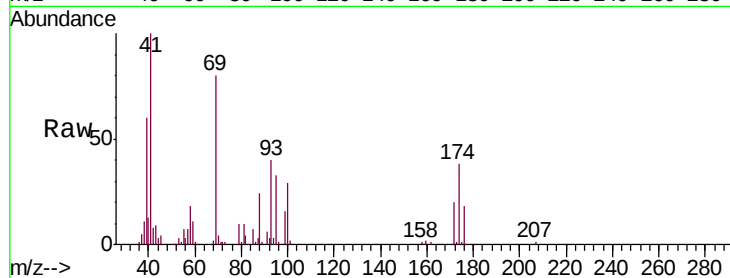




#49
1,4-Dioxane
Concen: 983.954 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

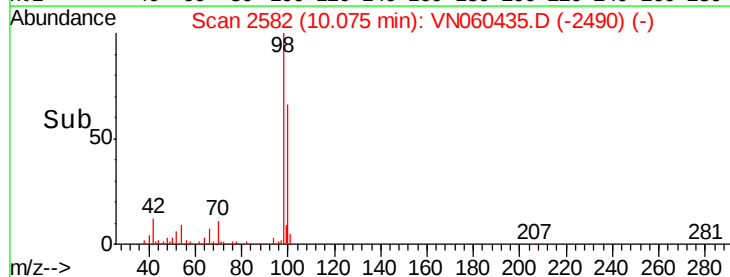
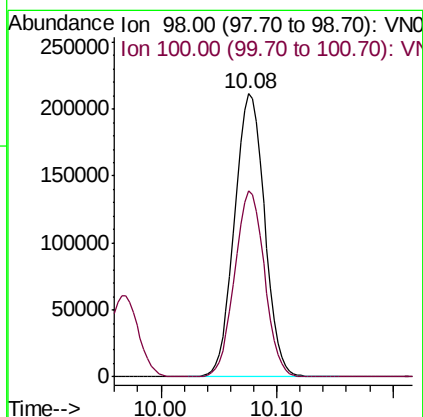
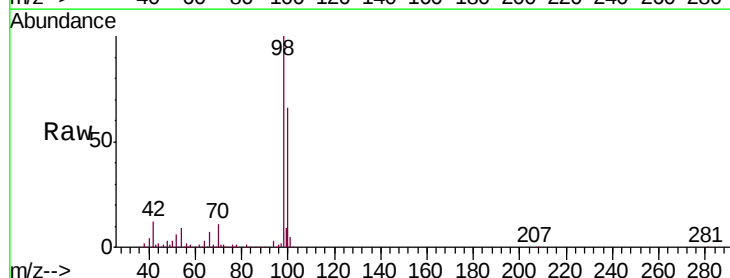
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

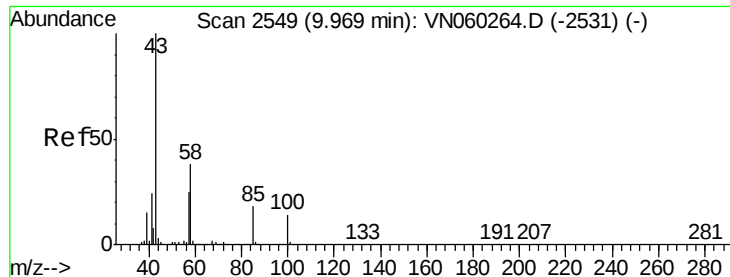
Tgt Ion: 88 Resp: 32050
Ion Ratio Lower Upper
88 100
43 37.4 30.4 45.6
58 74.3 57.0 85.6



#50
Toluene-d8
Concen: 50.509 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion: 98 Resp: 381490
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

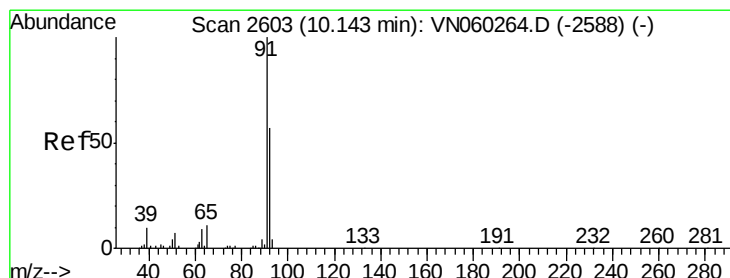
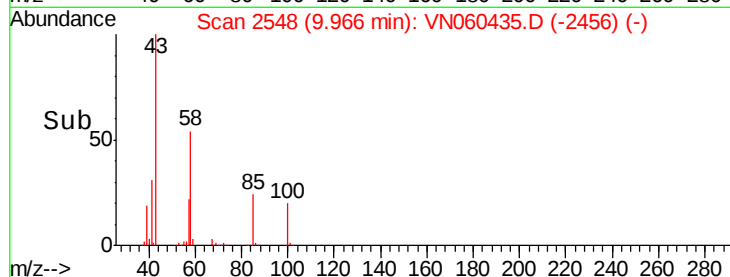
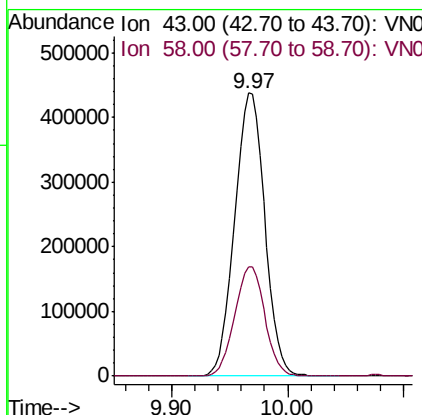
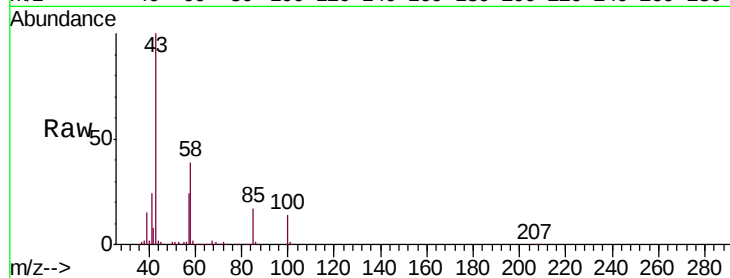




#51
 4-Methyl-2-Pentanone
 Concen: 273.415 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

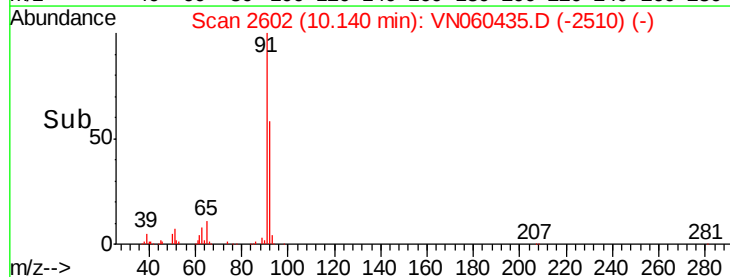
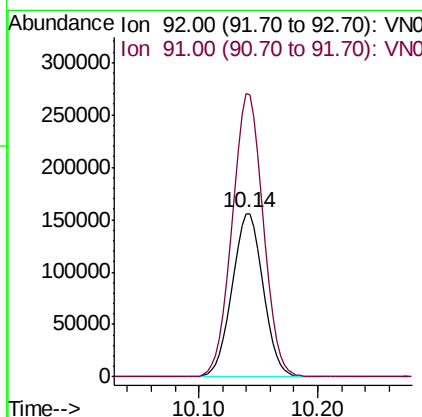
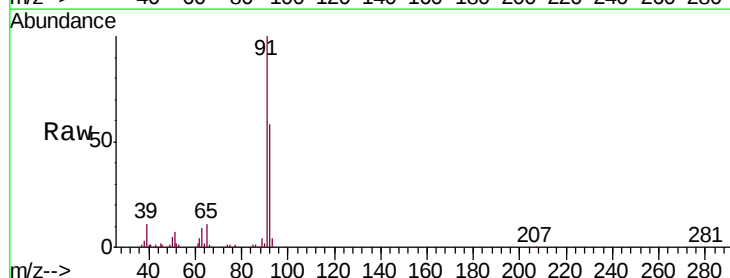
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 787407
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.9 46.3



#52
 Toluene
 Concen: 50.412 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion: 92 Resp: 282420
 Ion Ratio Lower Upper
 92 100
 91 173.0 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 50.809 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

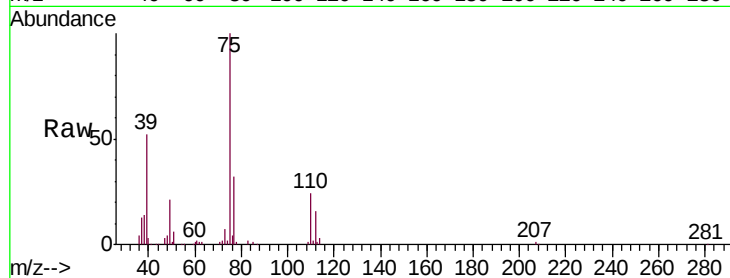
VSTDCCC050

Tgt Ion: 75 Resp: 191579

Ion Ratio Lower Upper

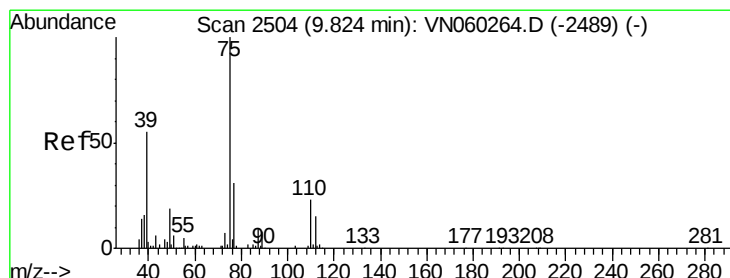
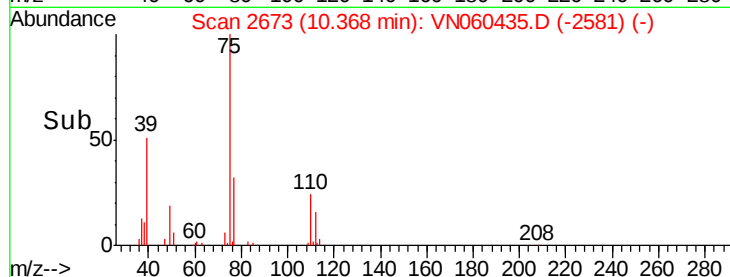
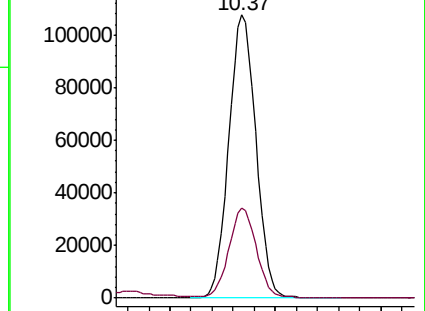
75 100

77 31.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN060435.D (-2581) (-)

Ion 76.90 (76.60 to 77.60): VN060435.D (-2581) (-)



#54

cis-1,3-Dichloropropene

Concen: 51.561 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

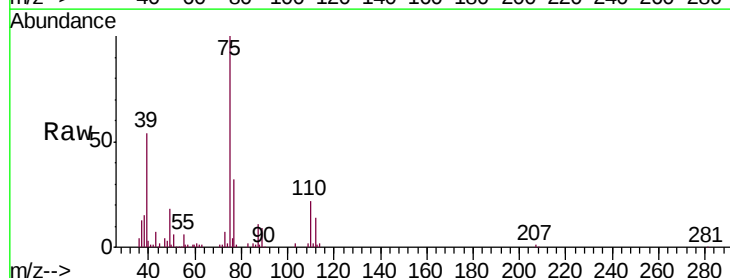
Tgt Ion: 75 Resp: 201452

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

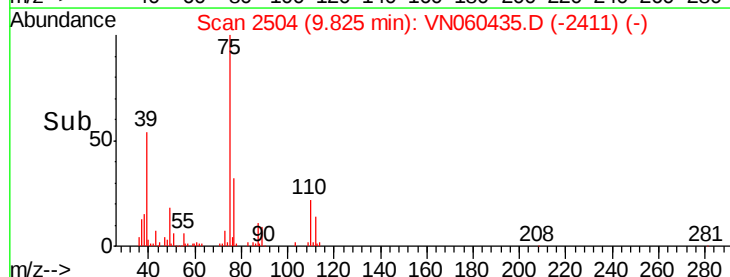
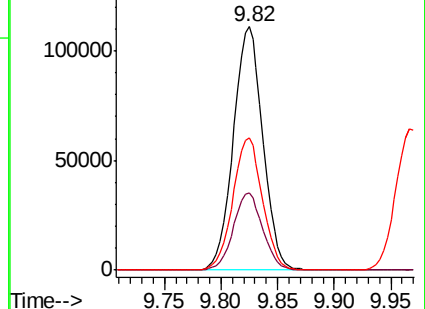
39 54.3 43.8 65.8

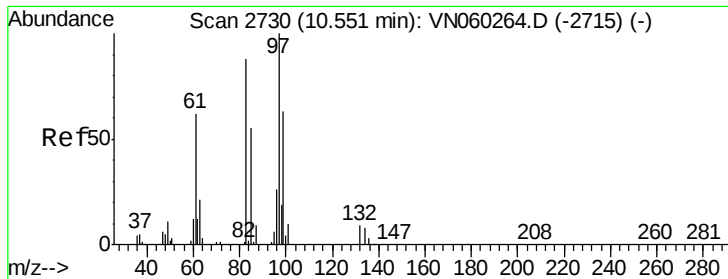


Abundance Ion 74.90 (74.60 to 75.60): VN060435.D (-2411) (-)

Ion 76.90 (76.60 to 77.60): VN060435.D (-2411) (-)

Ion 39.00 (38.70 to 39.70): VN060435.D (-2411) (-)





#55

1,1,2-Trichloroethane

Concen: 50.652 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 114113

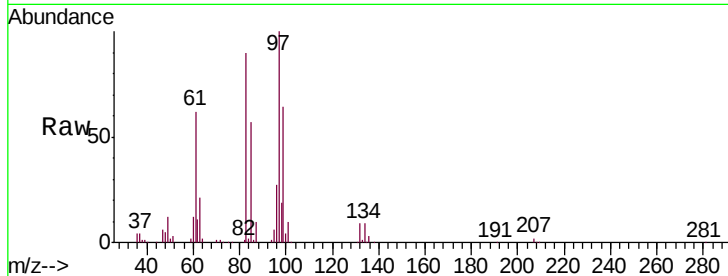
Ion Ratio Lower Upper

97 100

83 90.4 70.0 105.0

85 57.3 44.0 66.0

99 64.3 50.4 75.6



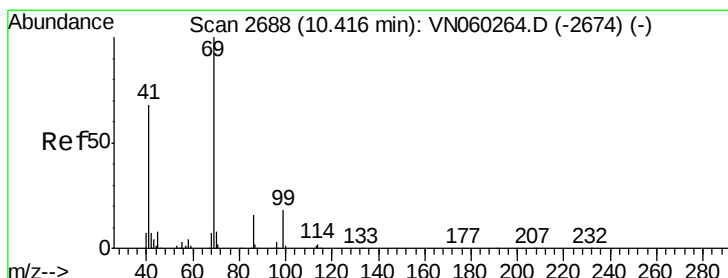
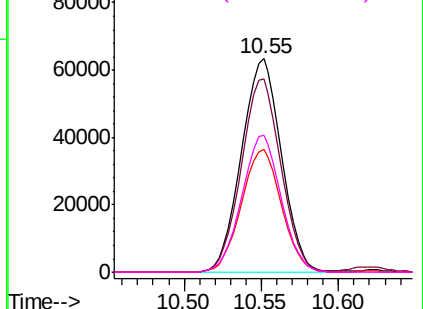
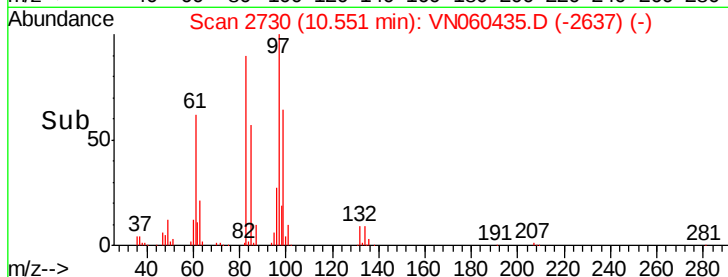
Abundance

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: 55.479 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

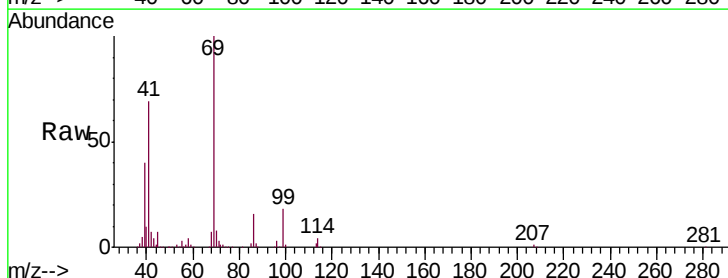
Tgt Ion: 69 Resp: 179563

Ion Ratio Lower Upper

69 100

41 68.5 54.1 81.1

39 39.3 32.5 48.7

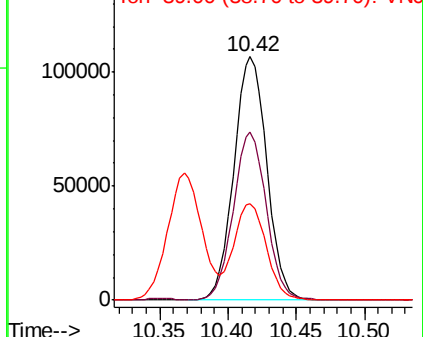
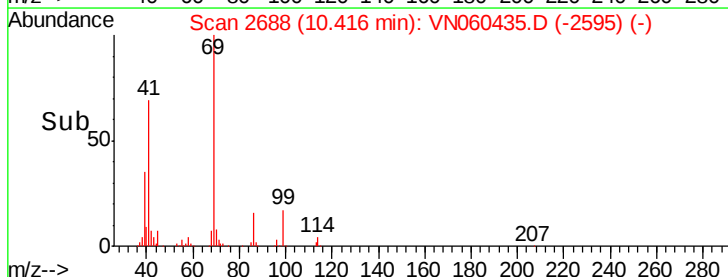


Abundance

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

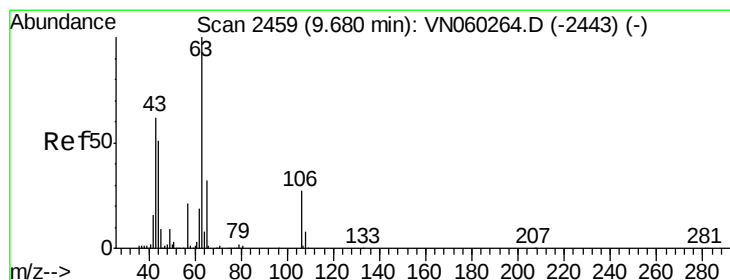
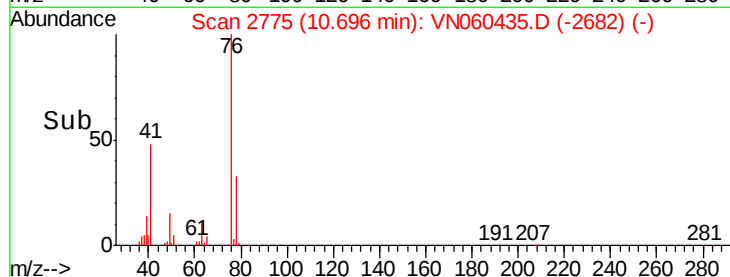
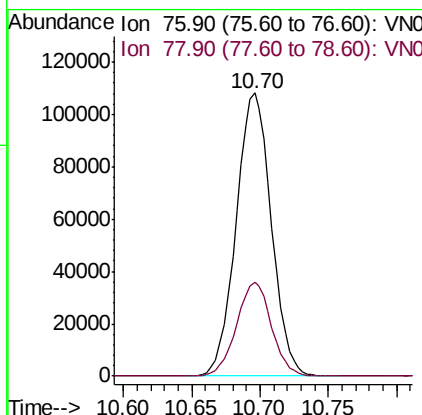
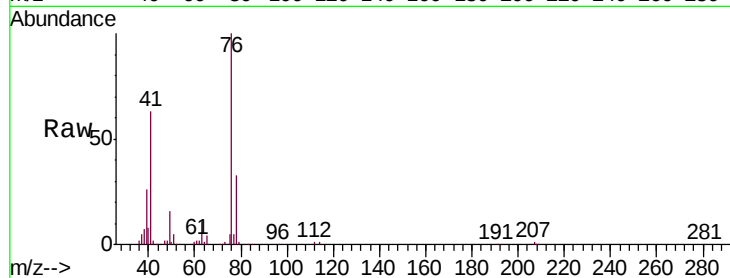




#57
 1,3-Dichloropropane
 Concen: 52.639 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

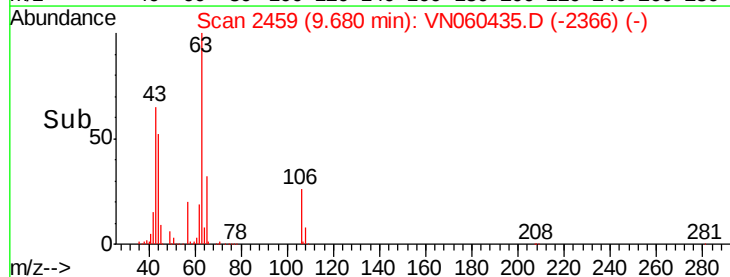
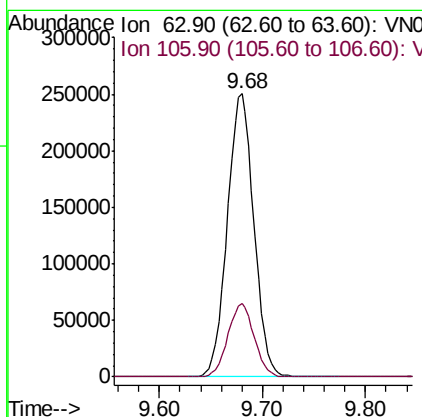
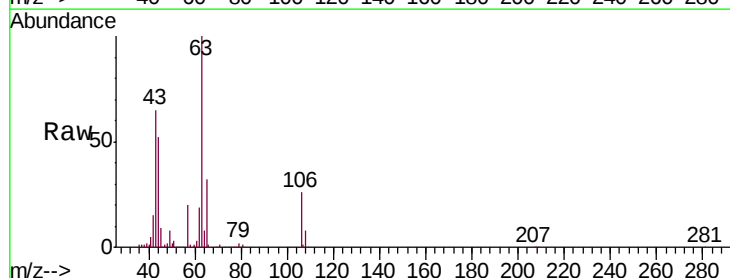
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

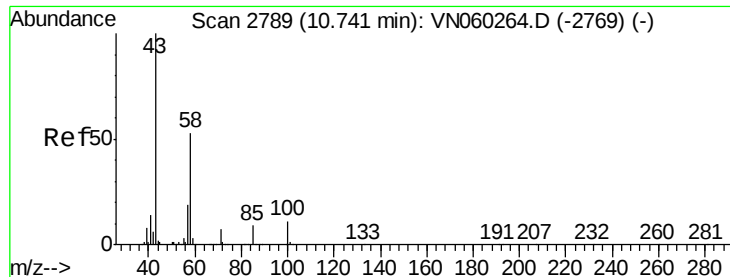
Tgt Ion: 76 Resp: 193396
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.663 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion: 63 Resp: 448014
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.1 31.7

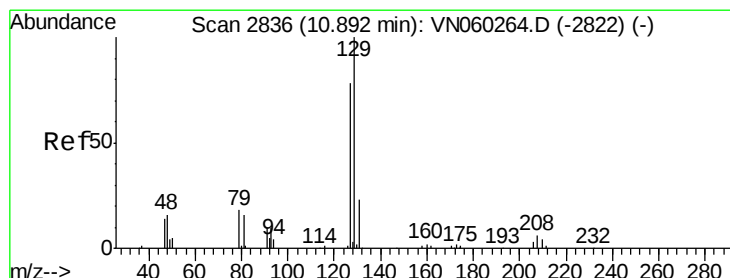
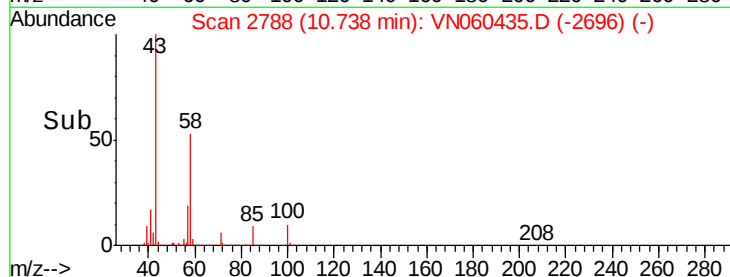
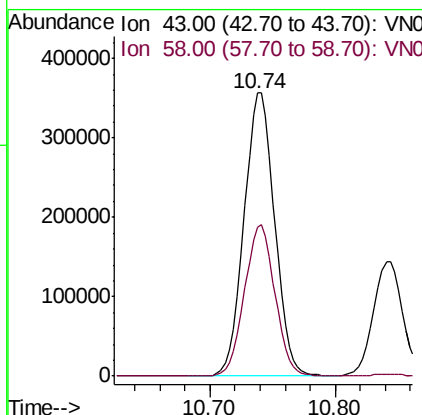
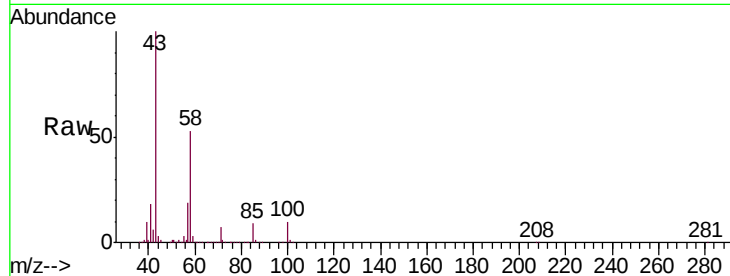




#59
2-Hexanone
Concen: 286.574 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

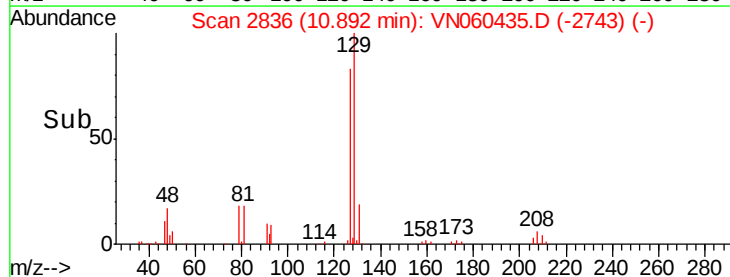
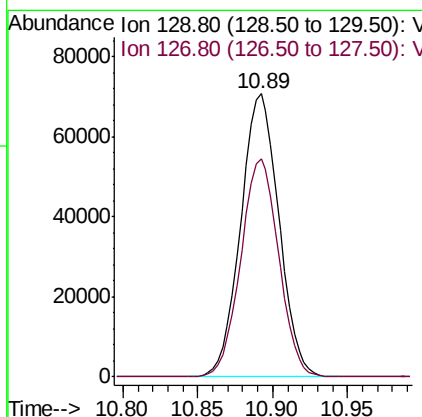
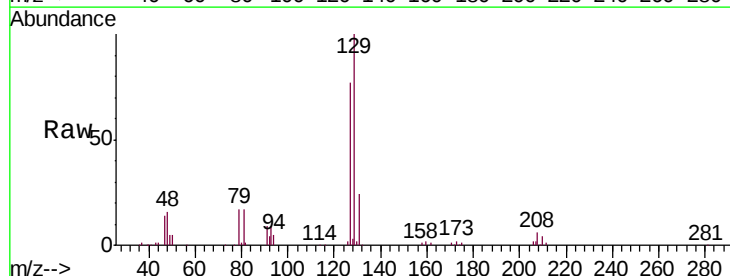
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 605957
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5



#60
Dibromochloromethane
Concen: 54.913 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion: 129 Resp: 125811
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7

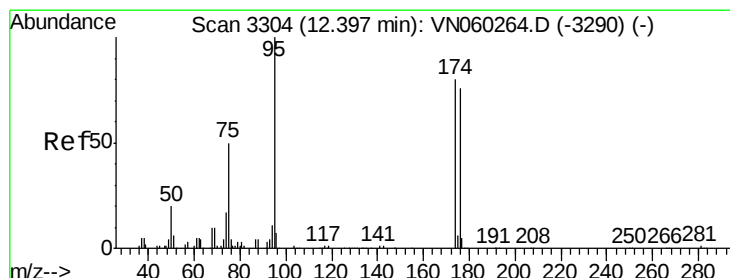
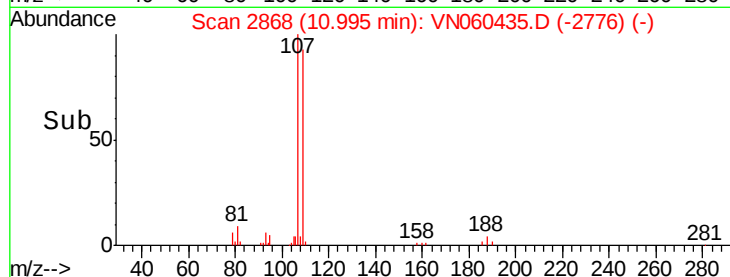
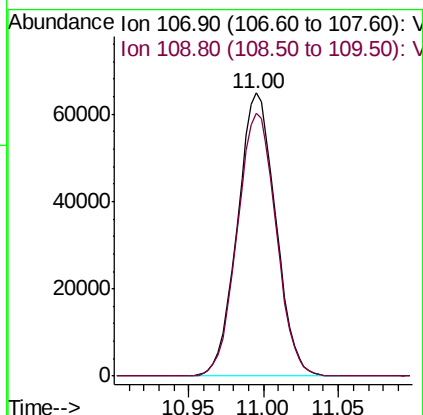
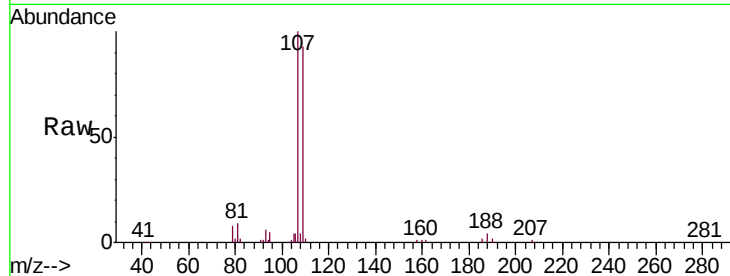




#61
 1,2-Dibromoethane
 Concen: 52.460 ug/l
 RT: 11.00 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

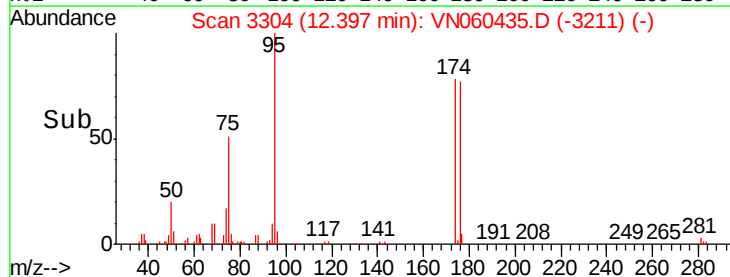
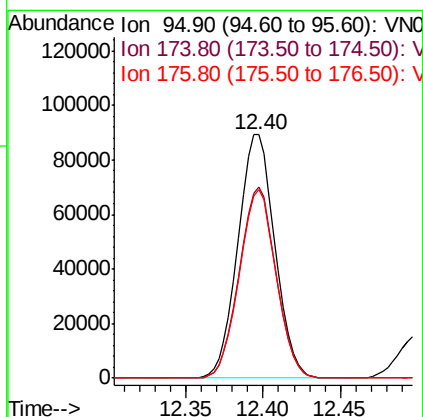
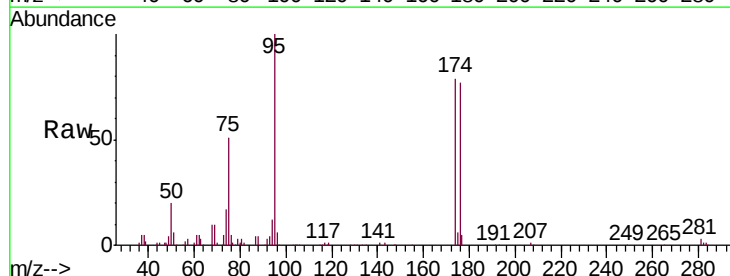
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 115211
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 51.786 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion: 95 Resp: 148270
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 159.2
 176 76.9 0.0 153.8

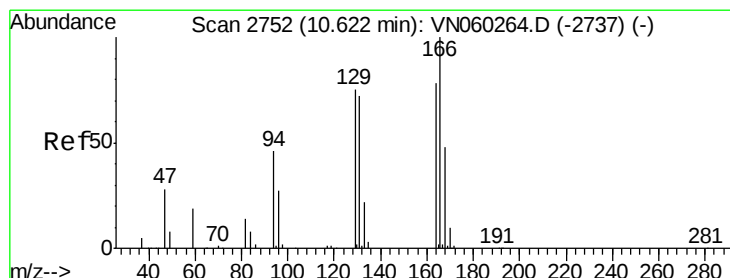
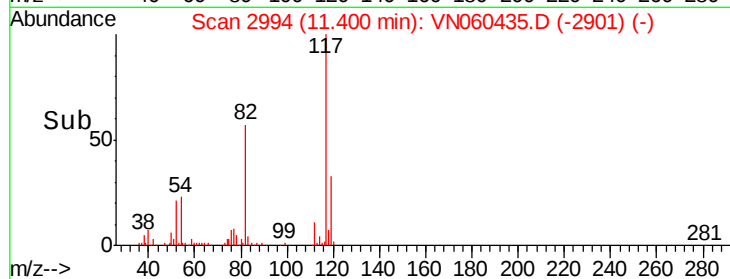
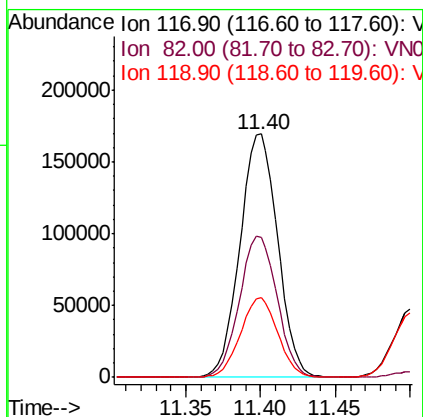
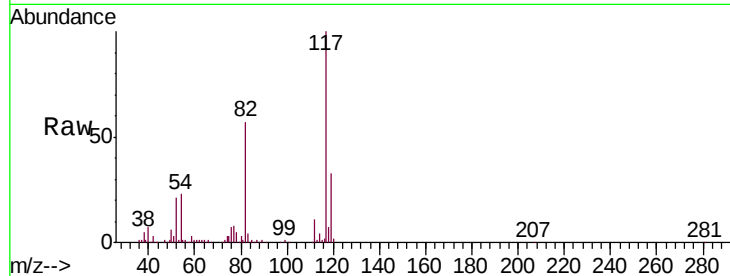




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

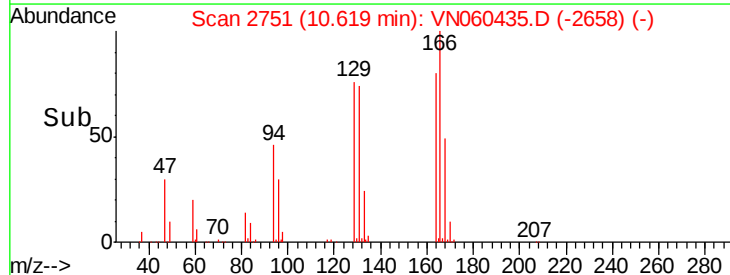
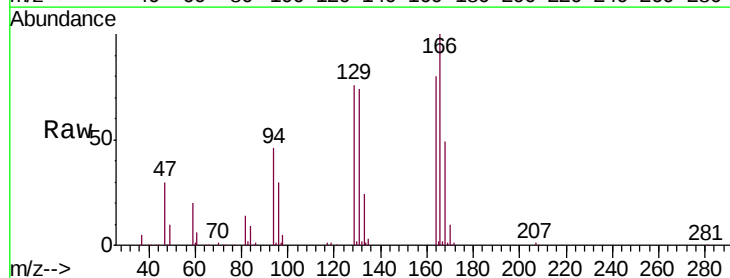
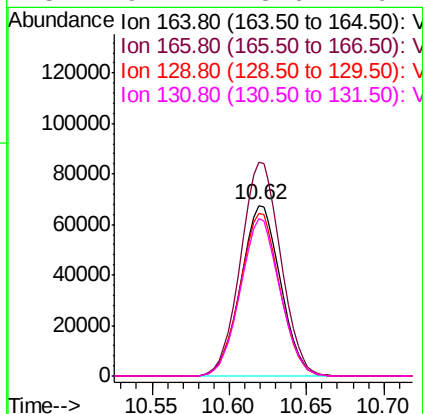
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

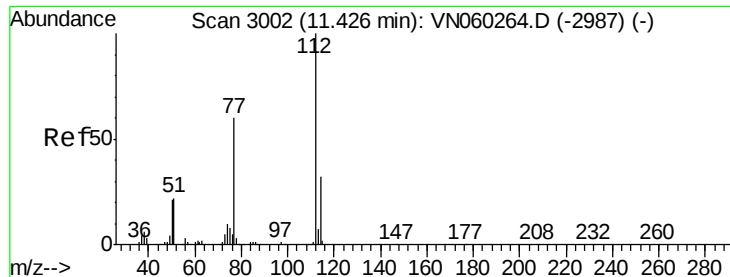
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.8	68.6
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 51.489 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	102.0	153.0
129	95.8	76.4	114.6
131	92.4	73.6	110.4

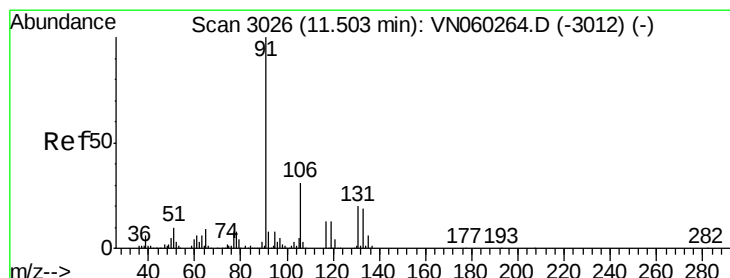
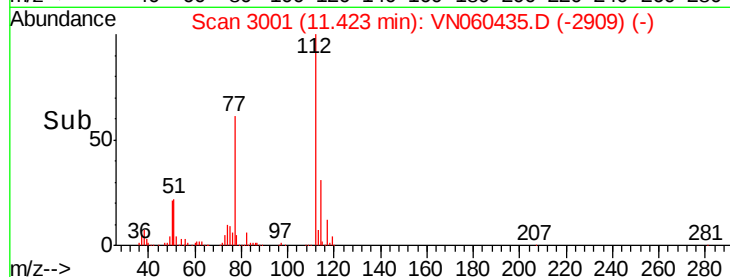
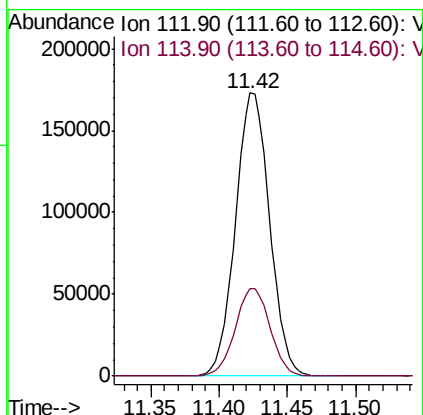
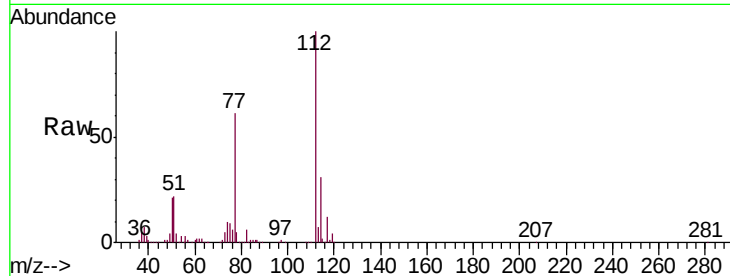




#65
Chlorobenzene
Concen: 50.078 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

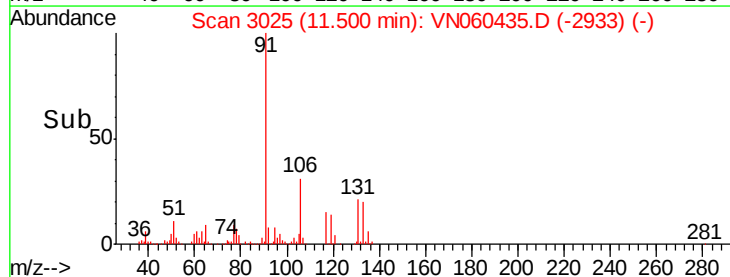
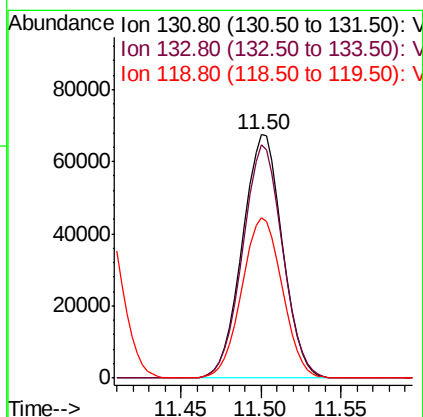
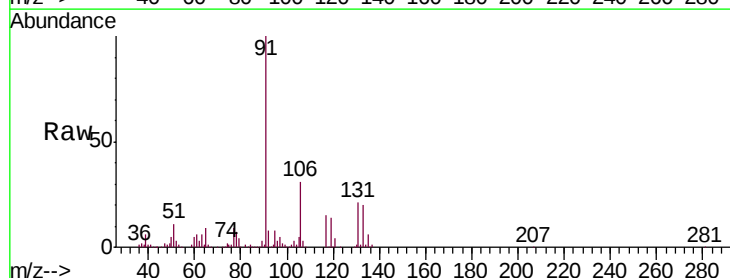
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

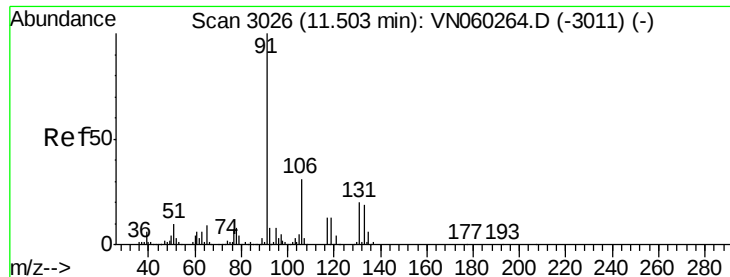
Tgt Ion:112 Resp: 300968
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.946 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion:131 Resp: 115433
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 66.6 33.2 99.6





#67

Ethyl Benzene

Concen: 50.824 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

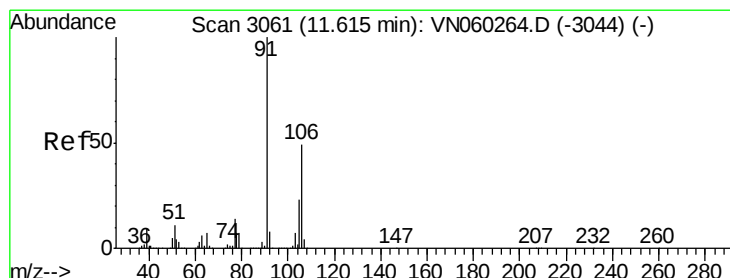
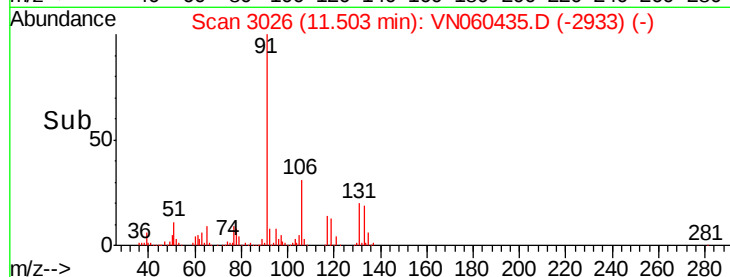
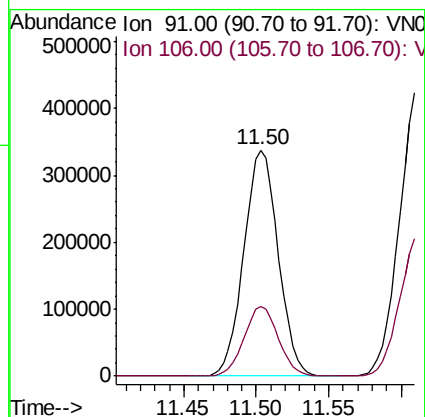
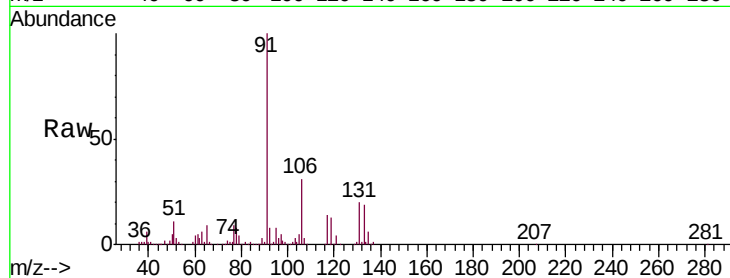
VSTDCCC050

Tgt Ion: 91 Resp: 556260

Ion Ratio Lower Upper

91 100

106 31.0 24.7 37.1



#68

m/p-Xylenes

Concen: 100.556 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060435.D

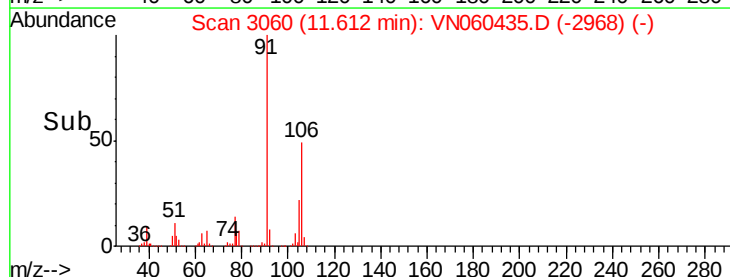
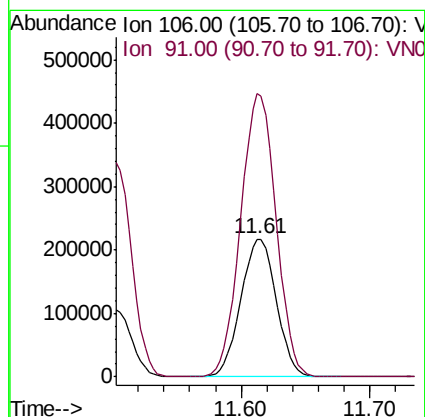
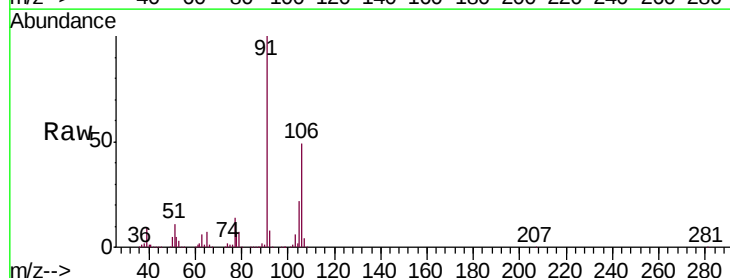
Acq: 11 Mar 2020 8:53

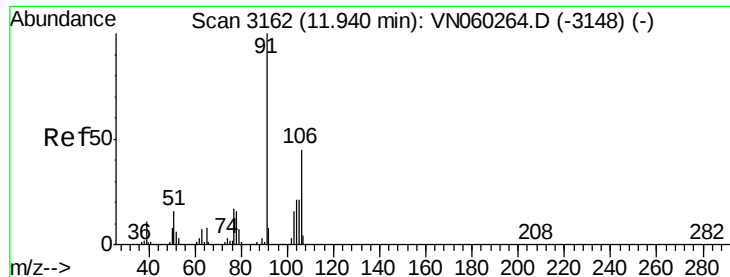
Tgt Ion: 106 Resp: 415232

Ion Ratio Lower Upper

106 100

91 205.1 164.5 246.7

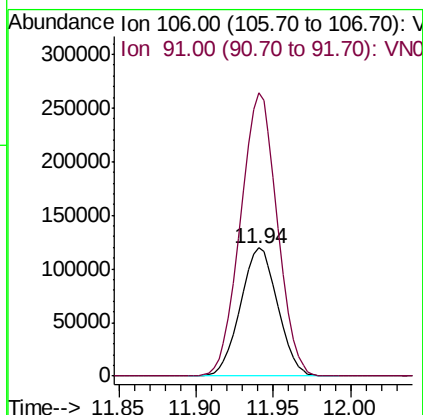
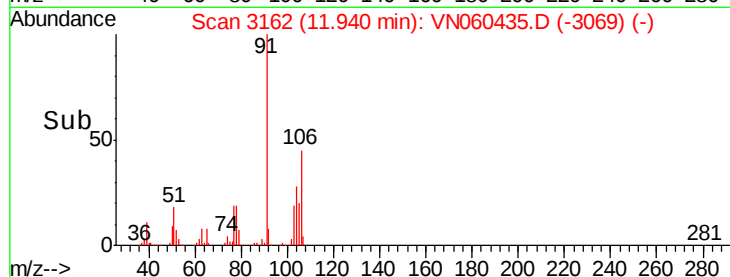
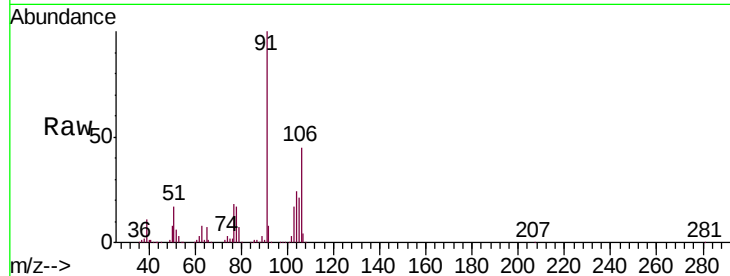




#69
o-Xylene
Concen: 50.898 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

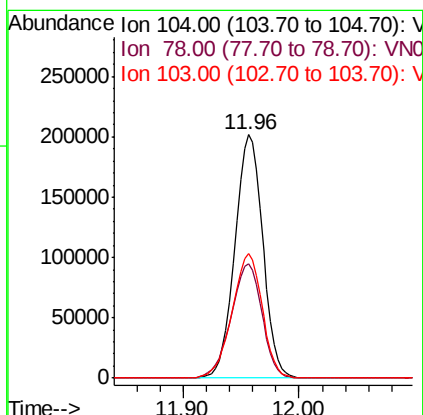
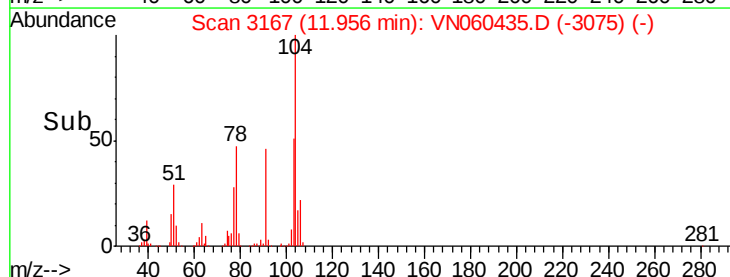
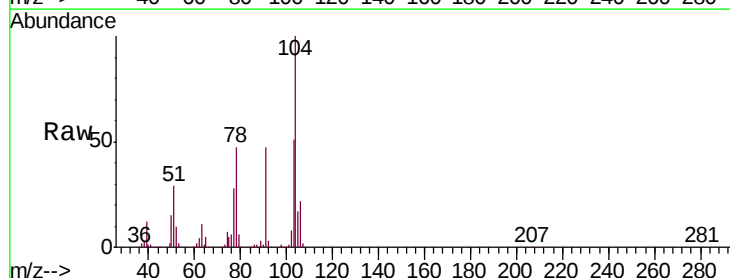
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

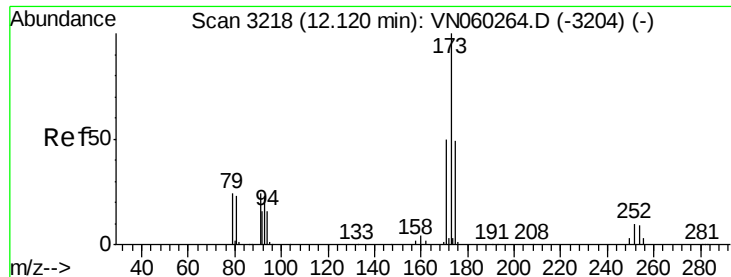
Tgt Ion:106 Resp: 200419
Ion Ratio Lower Upper
106 100
91 218.0 109.5 328.4



#70
Styrene
Concen: 51.771 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion:104 Resp: 335171
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.3 43.9 65.9





#71

Bromoform

Concen: 56.166 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

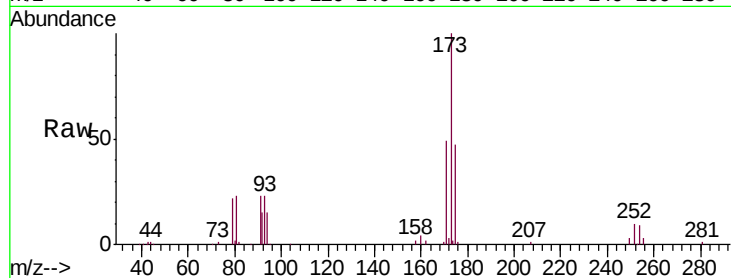
Tgt Ion:173 Resp: 89952

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

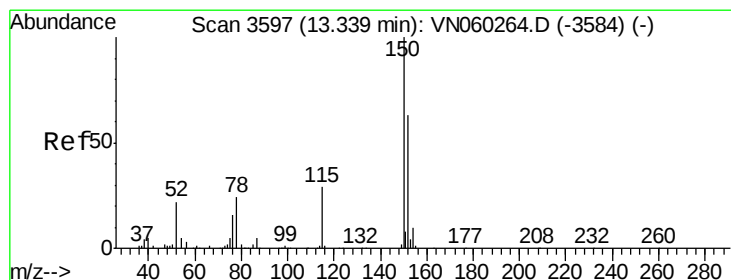
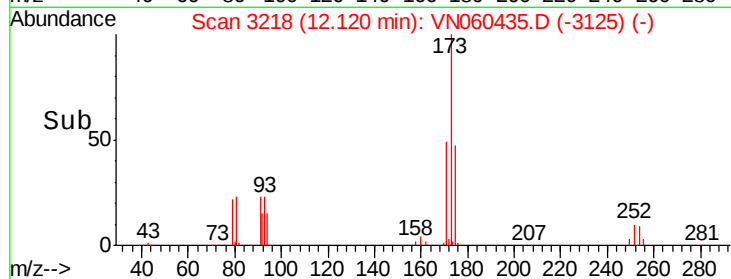
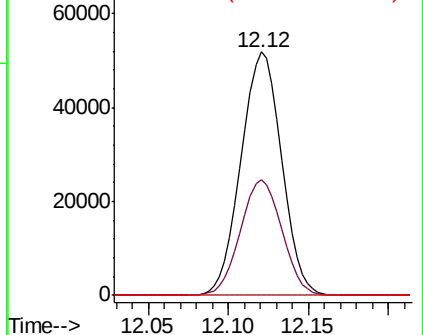
254 0.0 0.0 0.0



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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

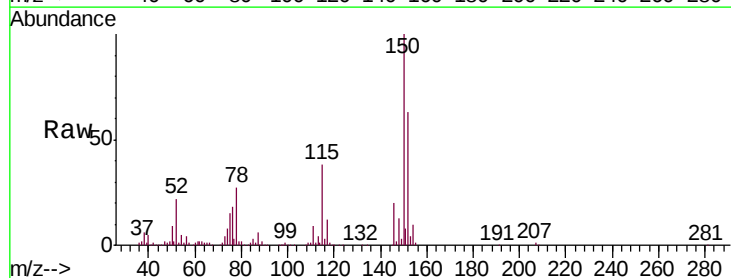
Tgt Ion:152 Resp: 148374

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

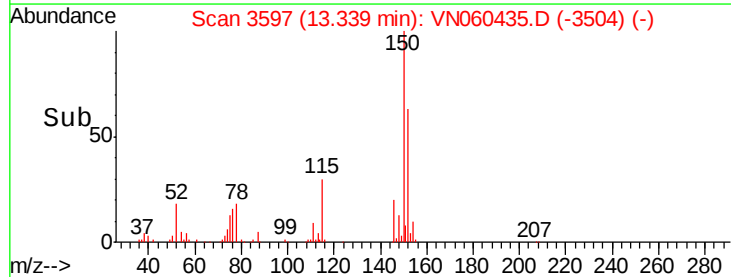
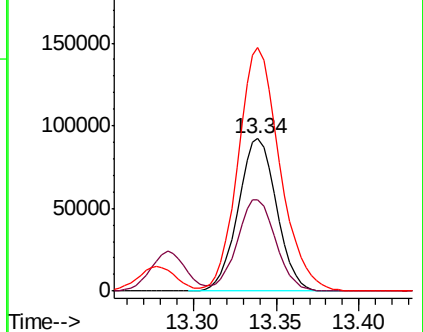
150 173.3 0.0 349.6

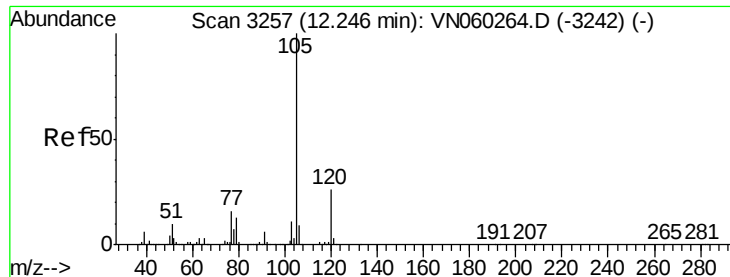


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.488 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

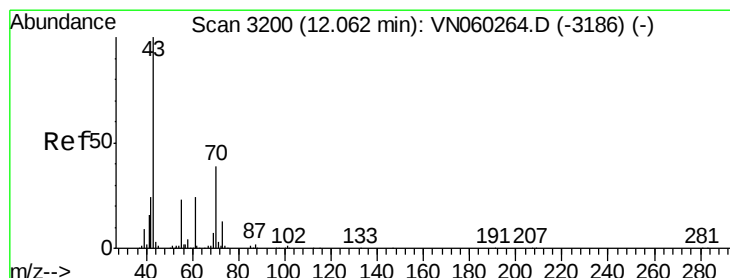
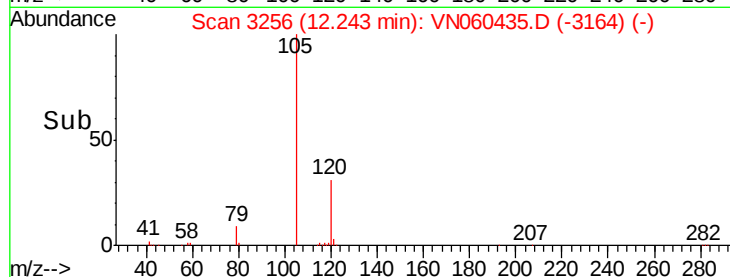
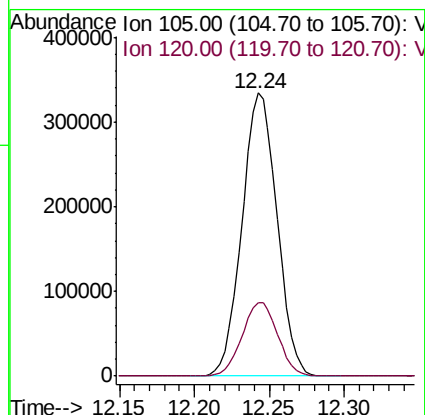
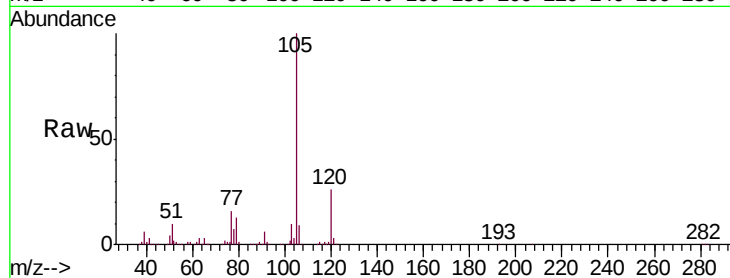
VSTDCCC050

Tgt Ion: 105 Resp: 544236

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 51.059 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Tgt Ion: 43 Resp: 245366

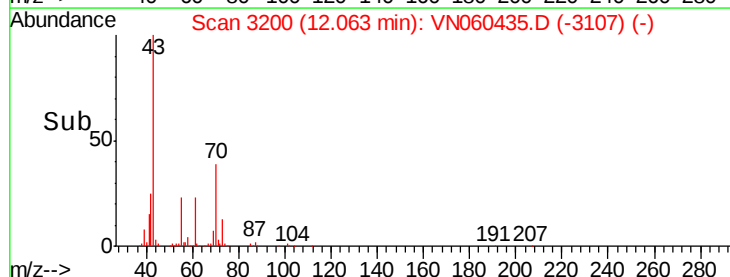
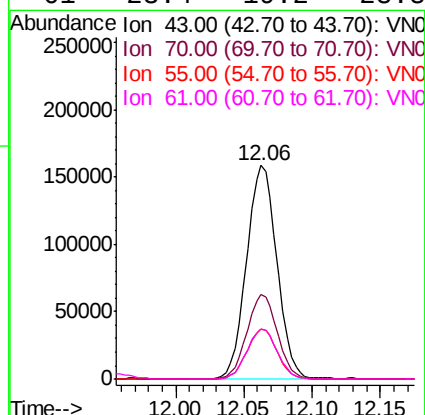
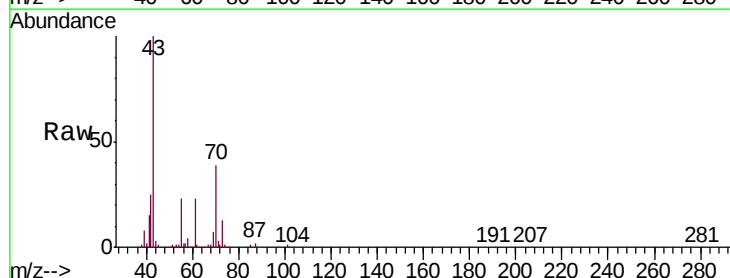
Ion Ratio Lower Upper

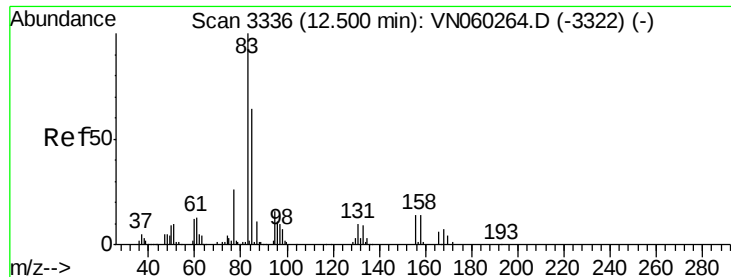
43 100

70 39.7 32.2 48.2

55 23.3 18.2 27.4

61 23.4 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.309 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

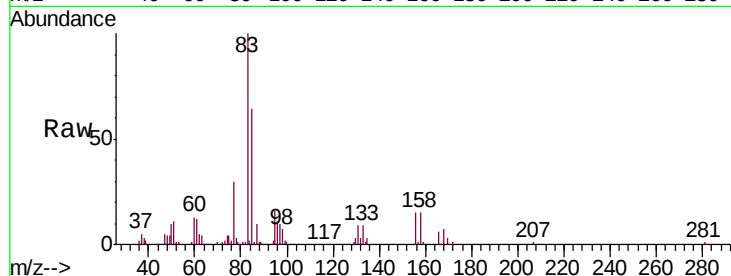
Tgt Ion: 83 Resp: 162348

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

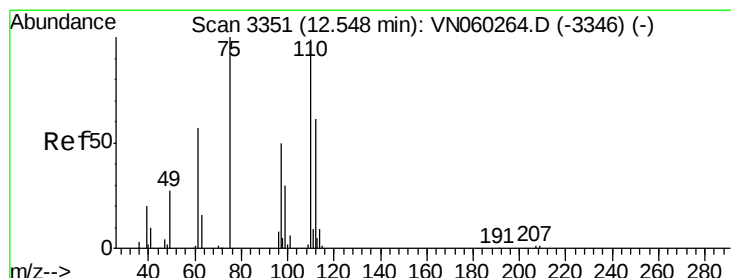
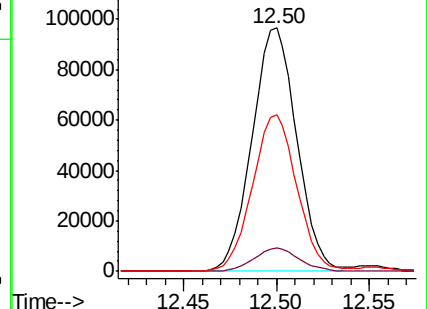
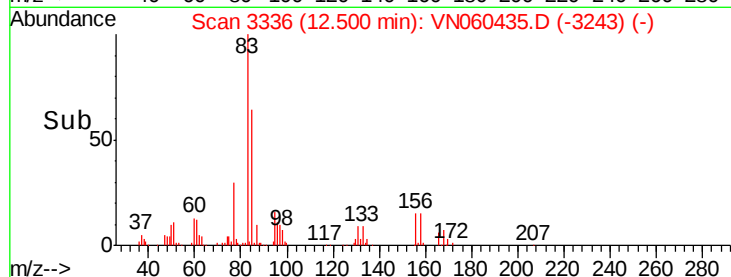
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060435.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060435.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060435.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 69.092 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060435.D

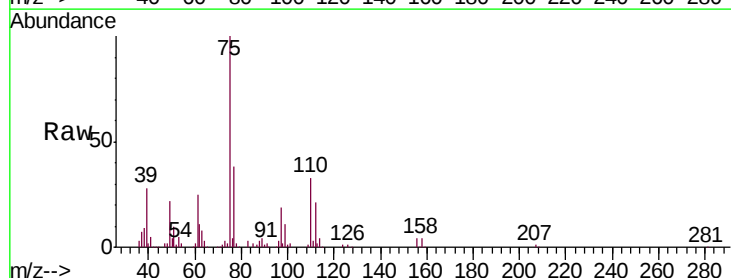
Acq: 11 Mar 2020 8:53

Tgt Ion: 75 Resp: 224916

Ion Ratio Lower Upper

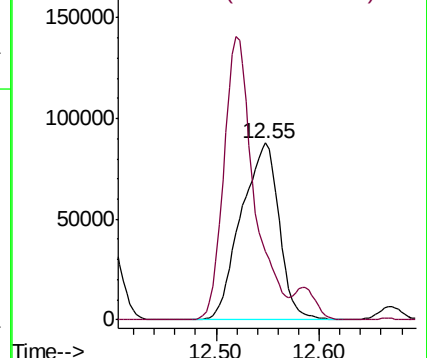
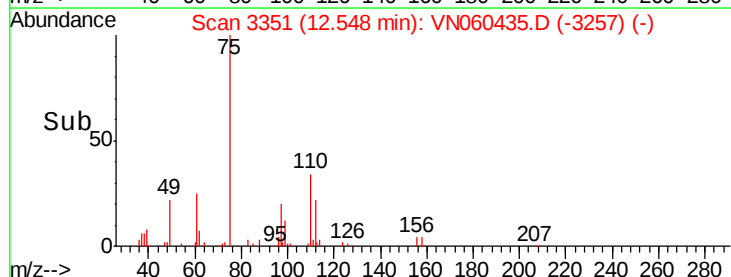
75 100

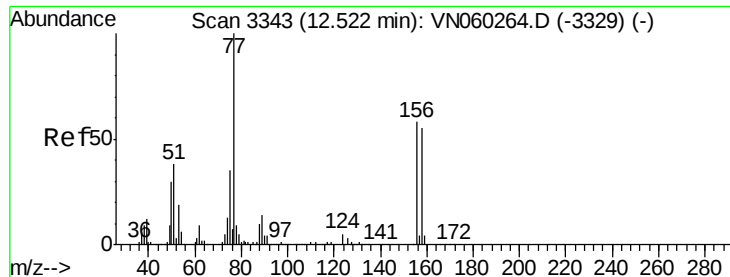
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060435.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN060435.D (-3257) (-)





#77

Bromobenzene

Concen: 48.907 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

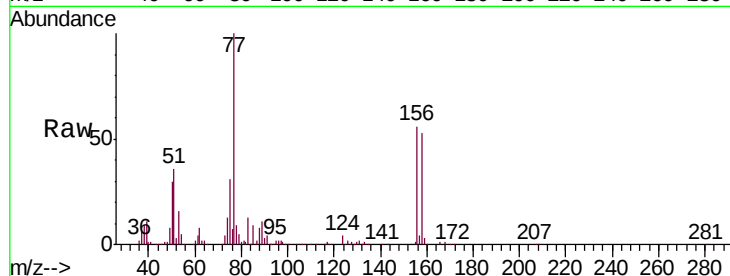
Tgt Ion:156 Resp: 131840

Ion Ratio Lower Upper

156 100

77 217.7 106.1 318.3

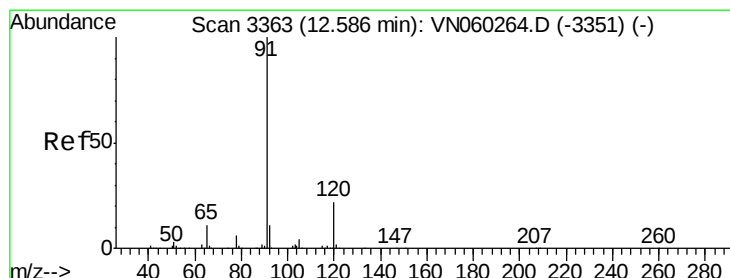
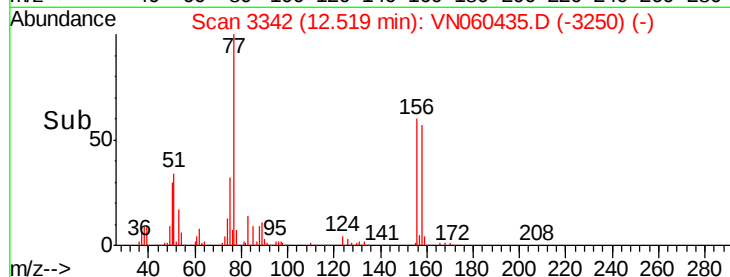
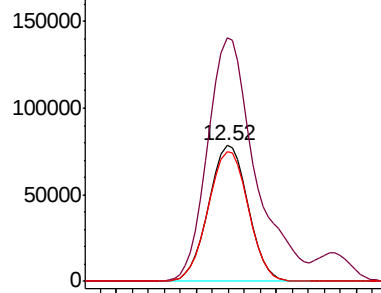
158 97.0 48.3 144.8



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: 50.155 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060435.D

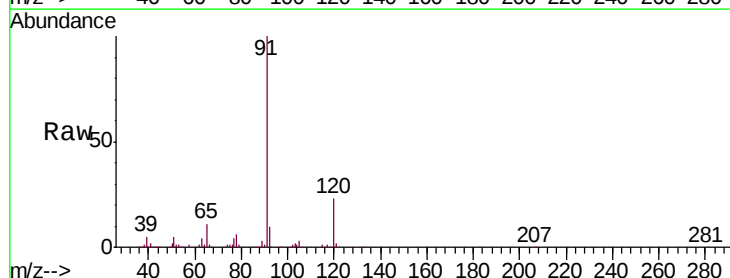
Acq: 11 Mar 2020 8:53

Tgt Ion: 91 Resp: 646539

Ion Ratio Lower Upper

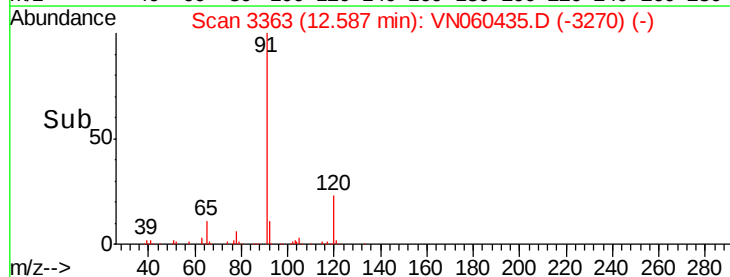
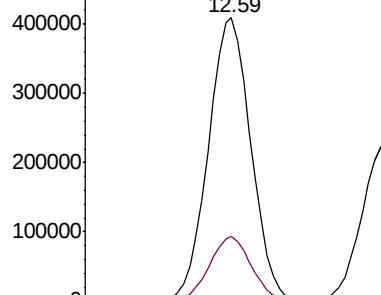
91 100

120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.546 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

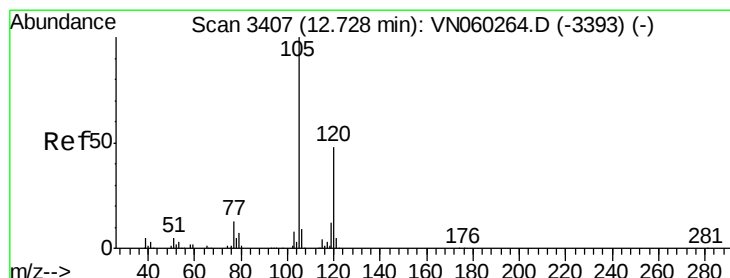
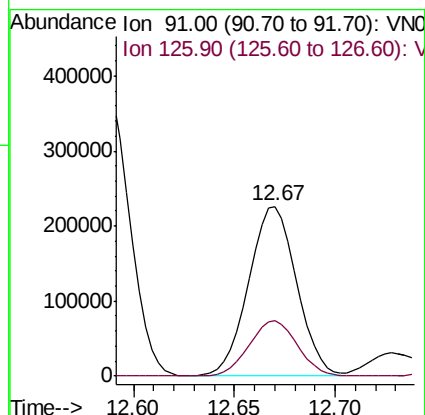
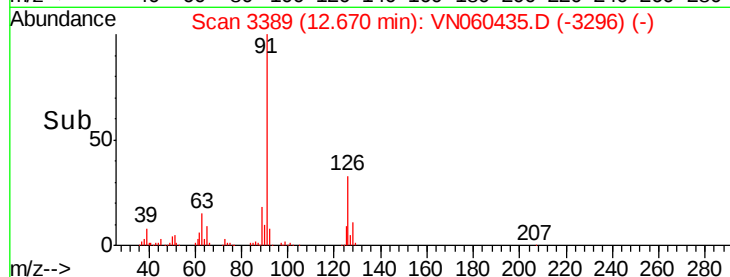
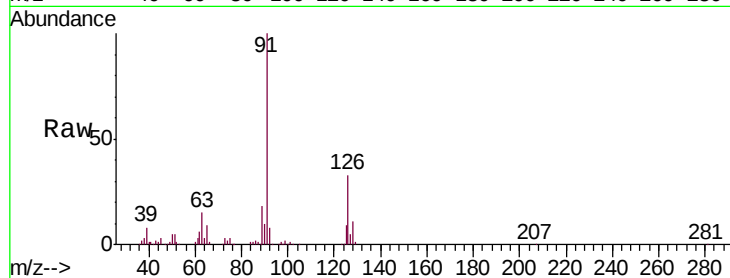
VSTDCCC050

Tgt Ion: 91 Resp: 375435

Ion Ratio Lower Upper

91 100

126 33.0 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 49.855 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060435.D

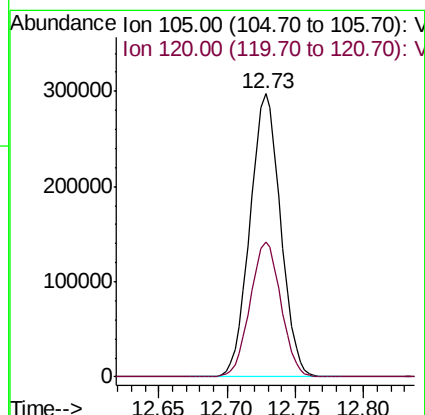
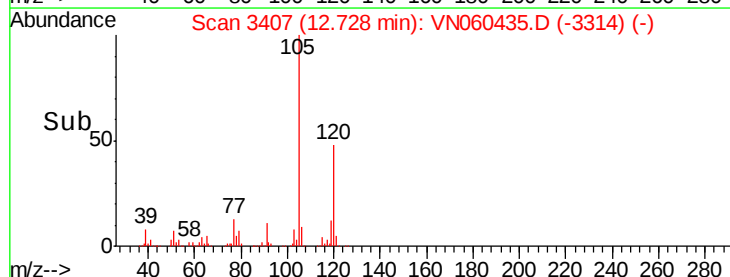
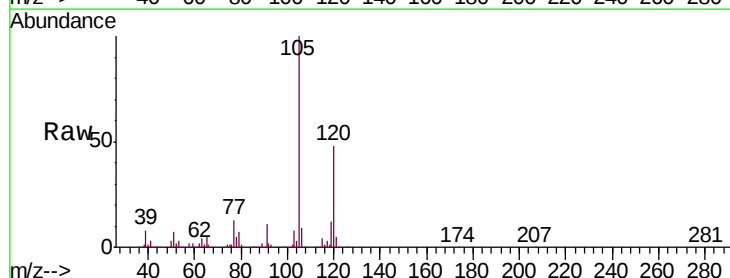
Acq: 11 Mar 2020 8:53

Tgt Ion: 105 Resp: 461619

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.816 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

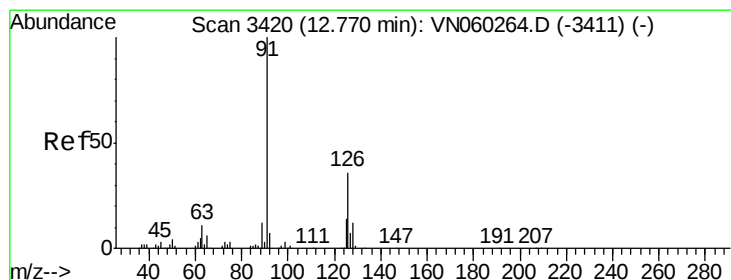
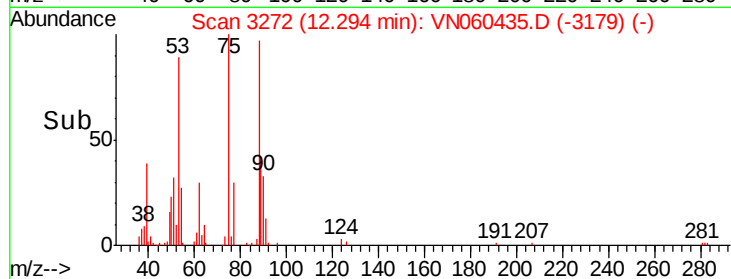
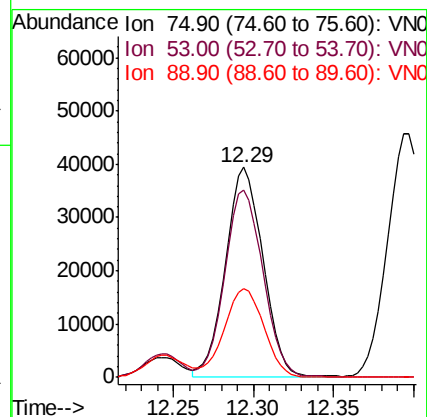
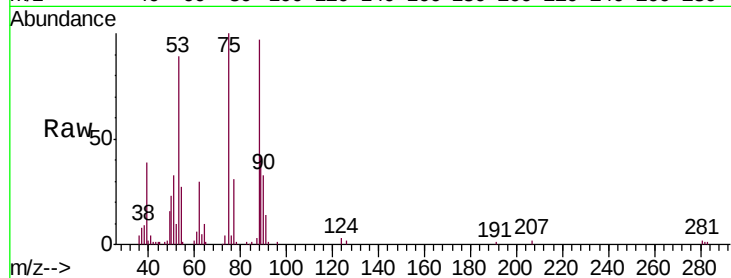
Tgt Ion: 75 Resp: 63463

Ion Ratio Lower Upper

75 100

53 91.1 73.8 110.6

89 44.5 57.1 85.7#



#82

4-Chlorotoluene

Concen: 49.740 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060435.D

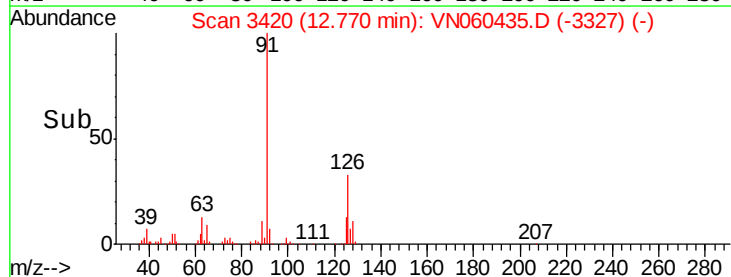
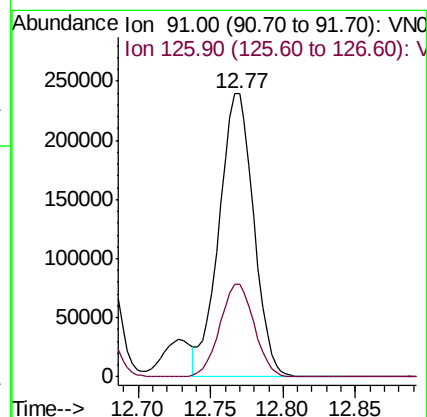
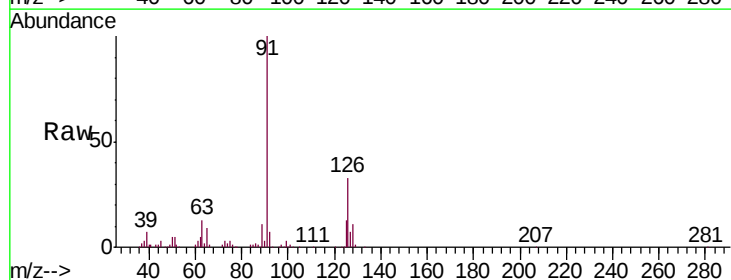
Acq: 11 Mar 2020 8:53

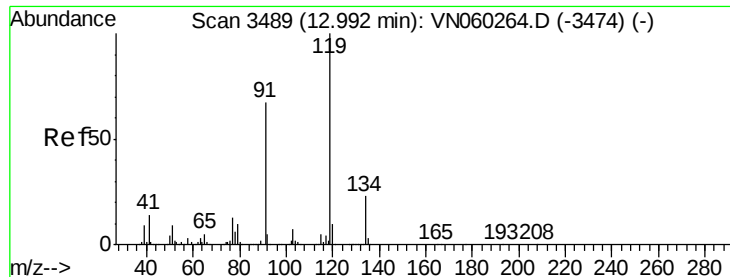
Tgt Ion: 91 Resp: 397099

Ion Ratio Lower Upper

91 100

126 32.6 16.7 50.1

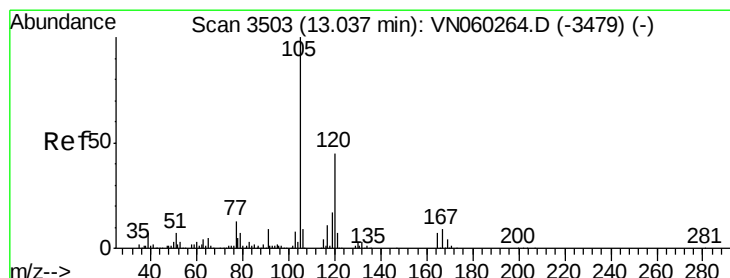
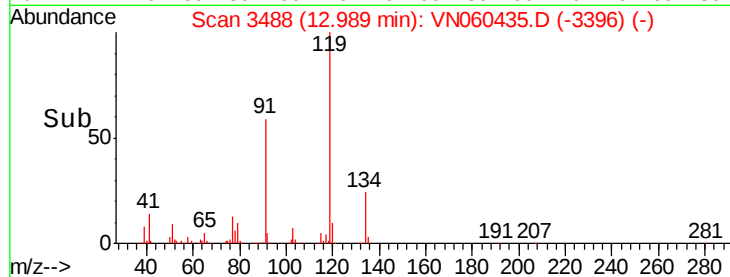
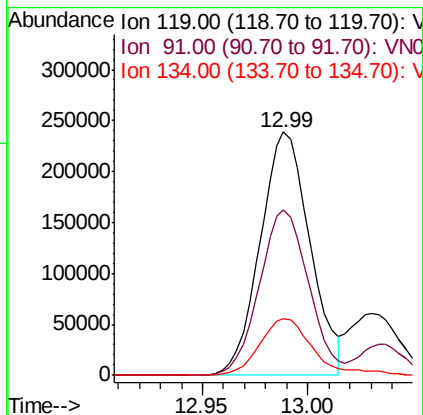
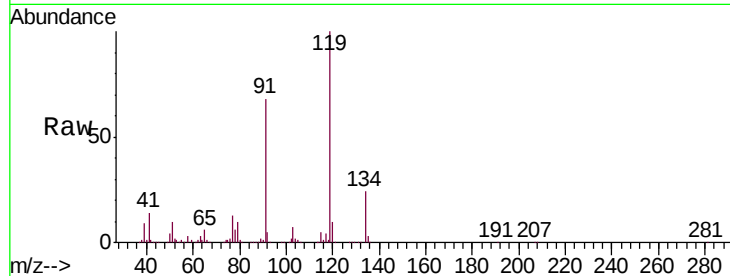




#83
 tert-Butylbenzene
 Concen: 48.907 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

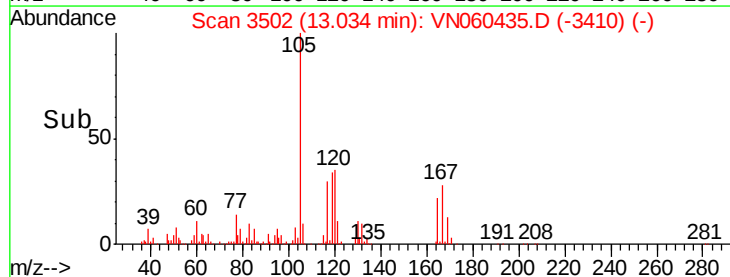
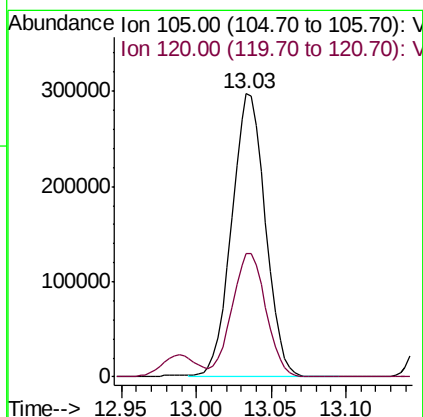
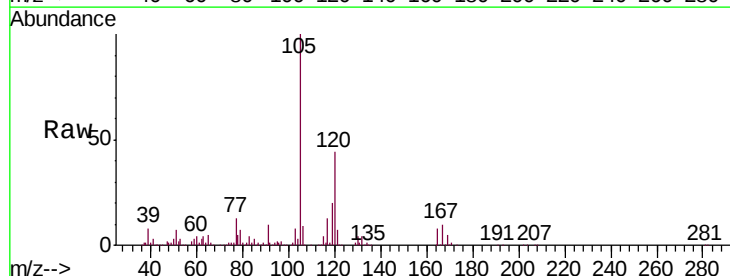
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 392066
 Ion Ratio Lower Upper
 119 100
 91 67.3 33.1 99.2
 134 25.0 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.819 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion:105 Resp: 465600
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.9

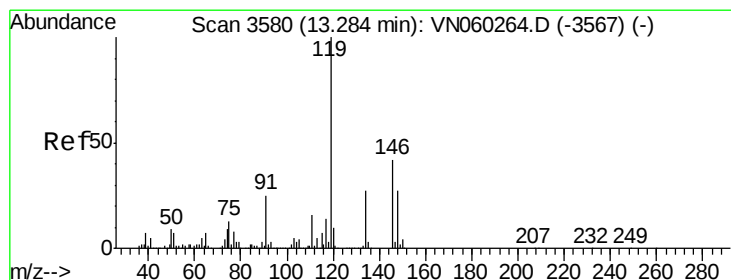
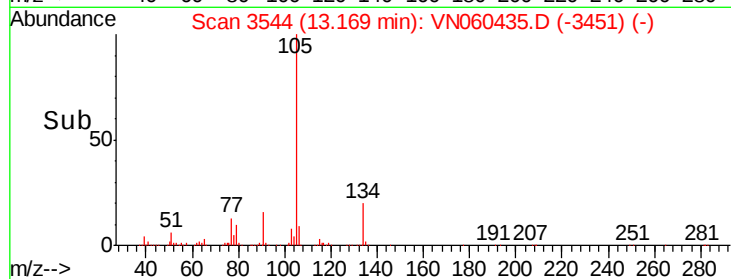
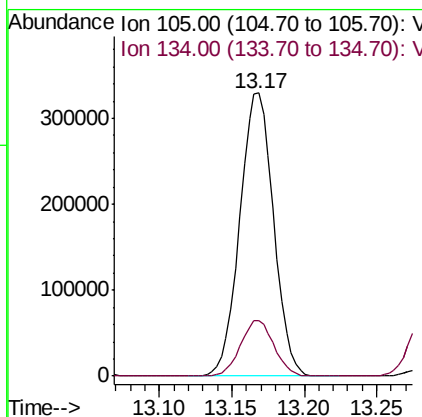
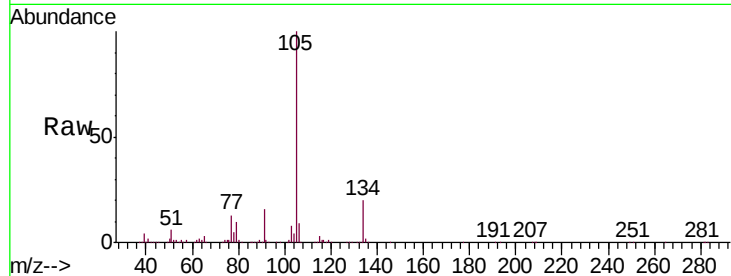




#85
 sec-Butylbenzene
 Concen: 49.619 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

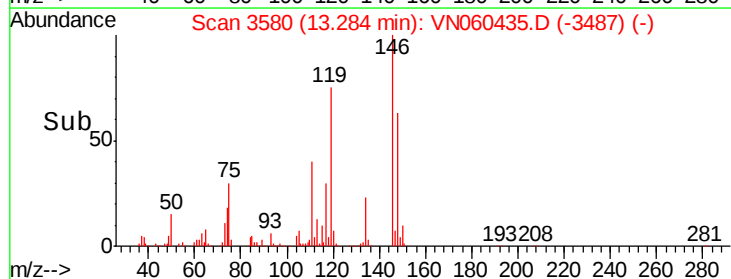
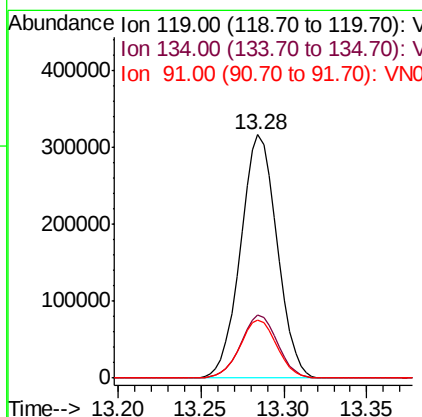
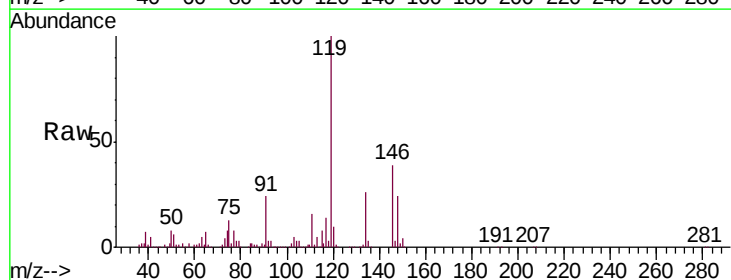
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 532669
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.613 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion:119 Resp: 483021
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 24.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.148 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

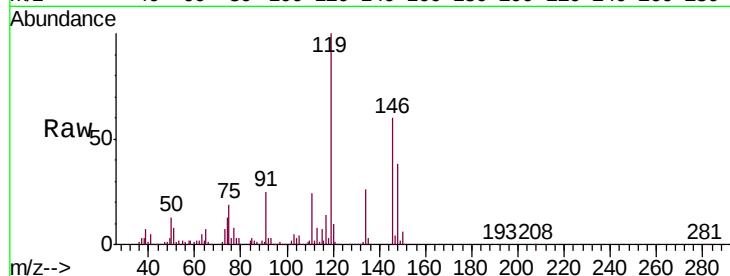
Tgt Ion:146 Resp: 241515

Ion Ratio Lower Upper

146 100

111 40.6 20.0 59.9

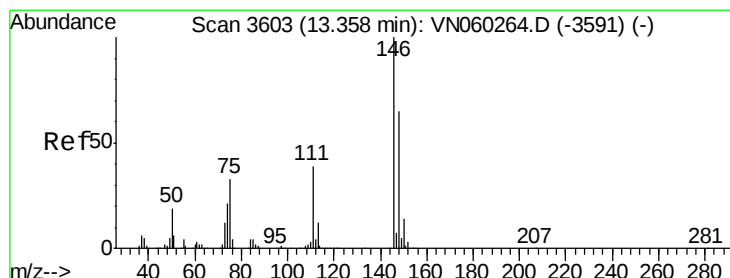
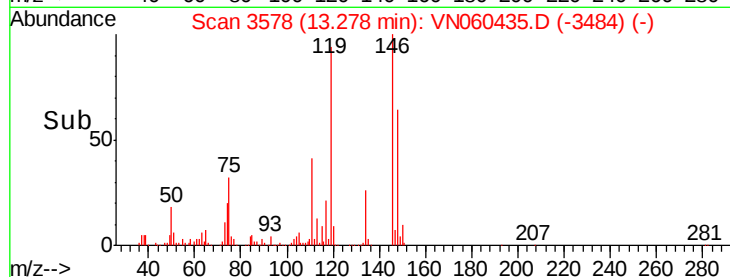
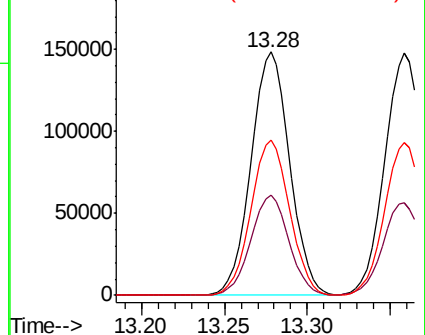
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

200000 Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.545 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

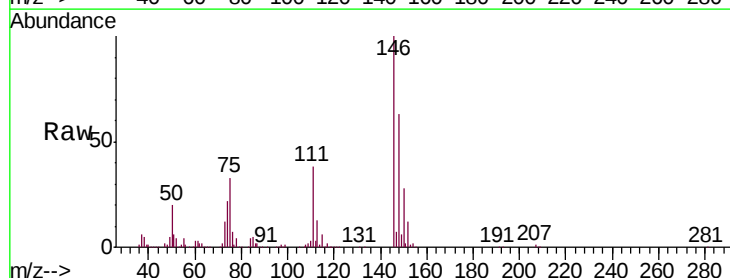
Tgt Ion:146 Resp: 241934

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

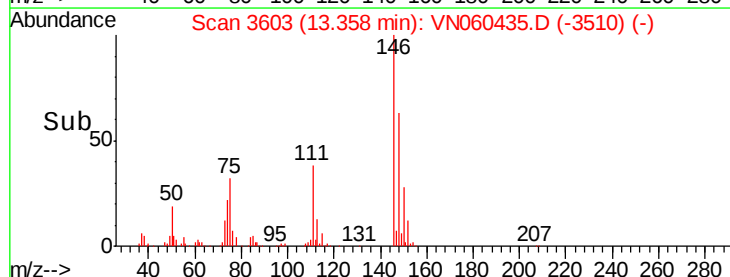
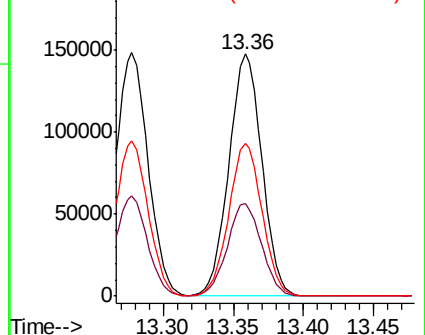
148 63.5 32.3 96.9

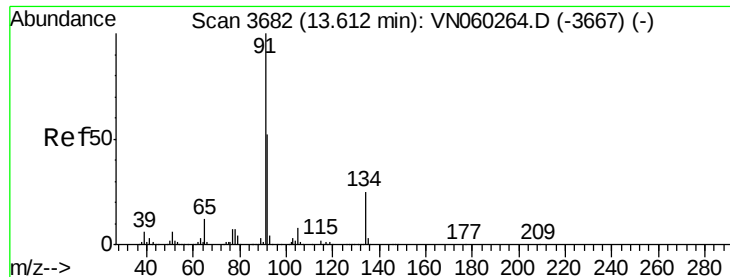


Abundance Ion 145.90 (145.60 to 146.60): V

200000 Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.881 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060435.D

Acq: 11 Mar 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

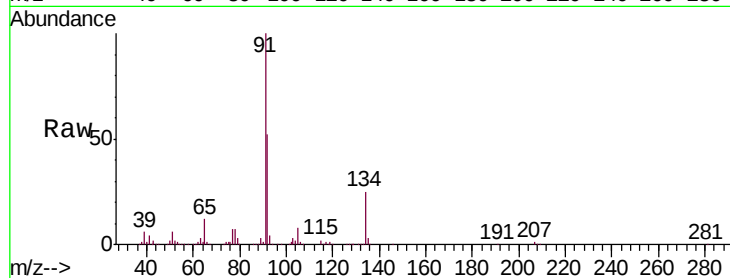
Tgt Ion: 91 Resp: 445848

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

134 24.8 12.7 38.1

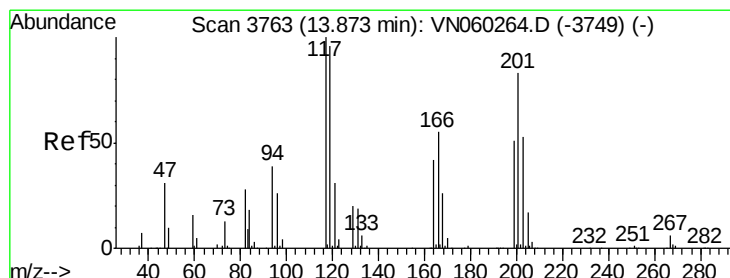
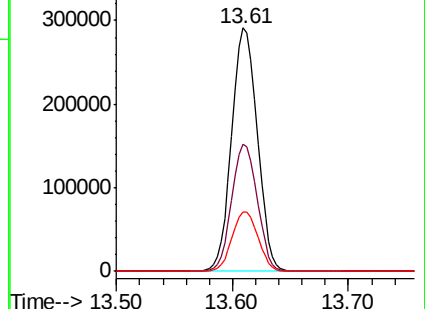
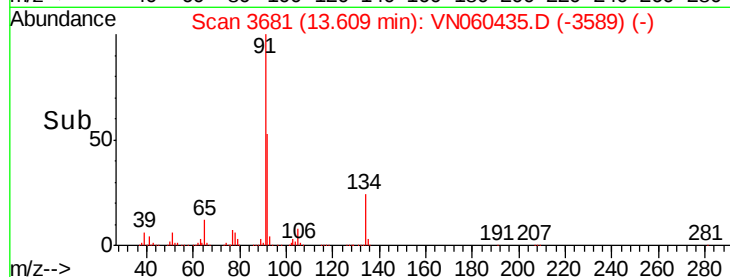


Abundance Ion 91.00 (90.70 to 91.70): VN060435.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN060435.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN060435.D (-3682) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 48.464 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060435.D

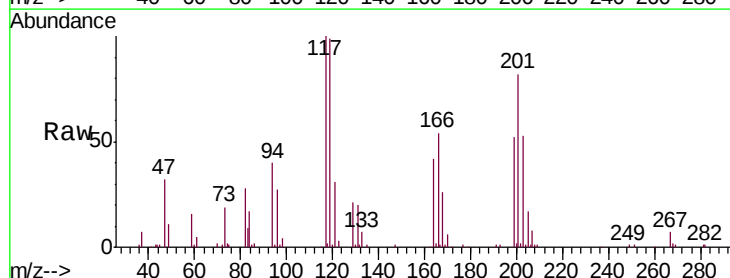
Acq: 11 Mar 2020 8:53

Tgt Ion: 117 Resp: 69701

Ion Ratio Lower Upper

117 100

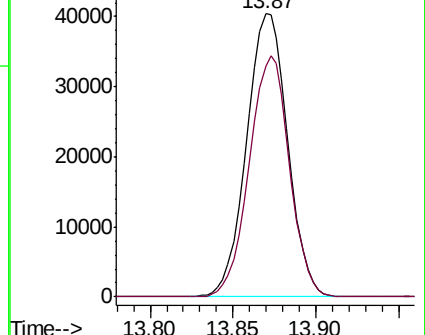
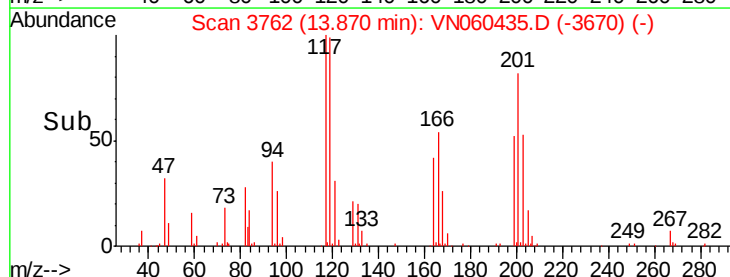
201 83.3 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VN060435.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN060435.D (-3763) (-)

Time--> 13.80 13.85 13.90

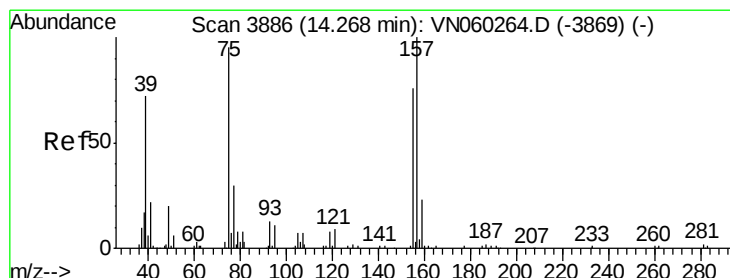
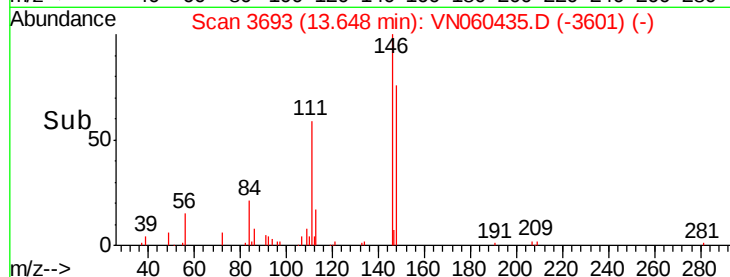
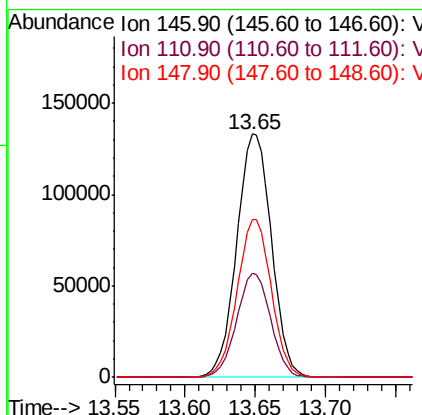
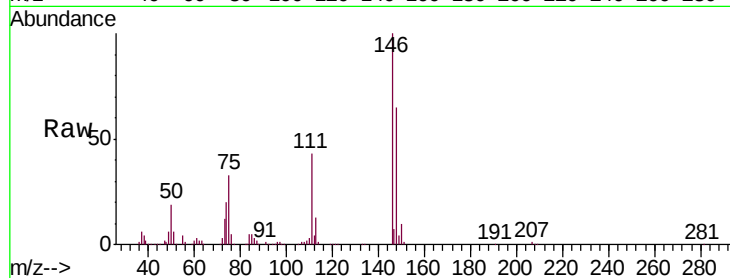




#91
 1,2-Dichlorobenzene
 Concen: 48.688 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

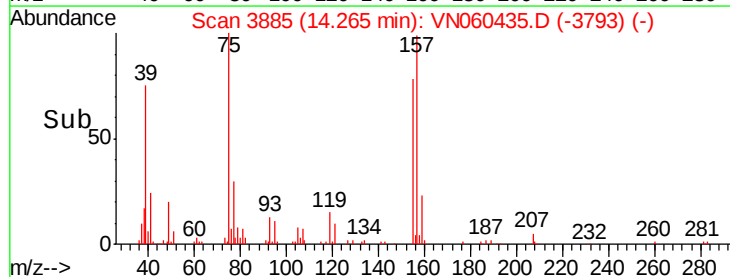
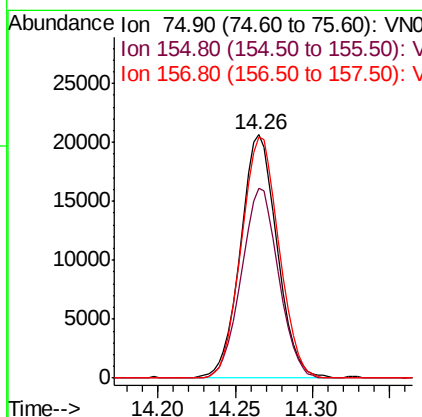
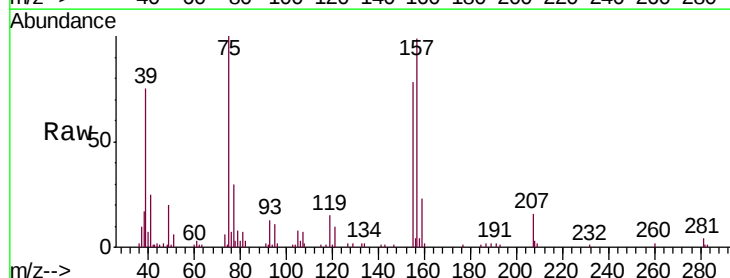
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	61.0
148	63.8	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.416 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	40.4	121.2
157	101.3	52.5	157.5

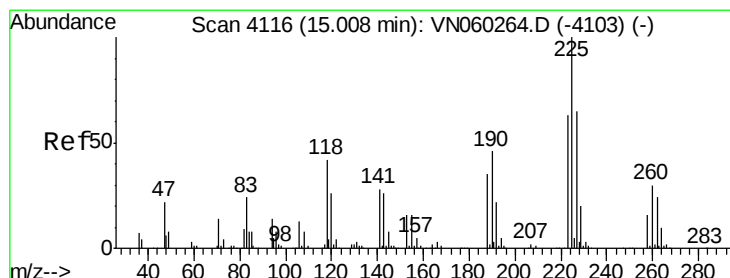
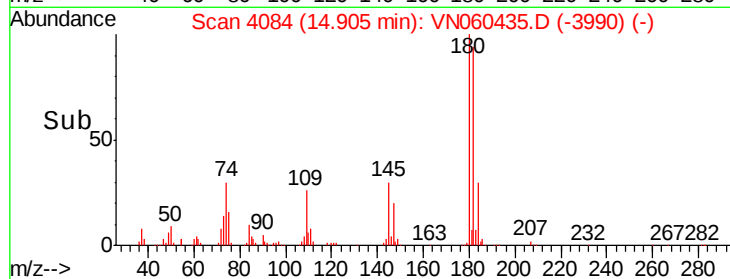
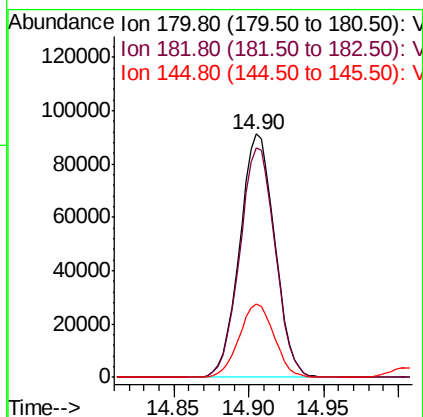
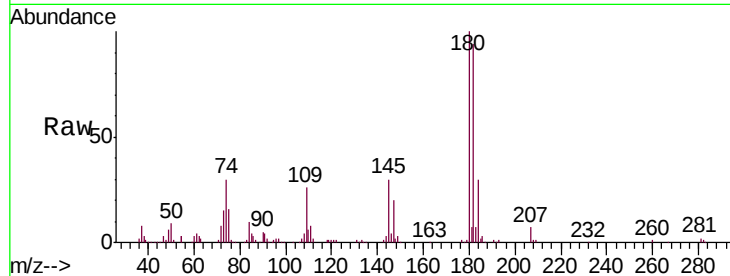




#93
 1,2,4-Trichlorobenzene
 Concen: 49.658 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

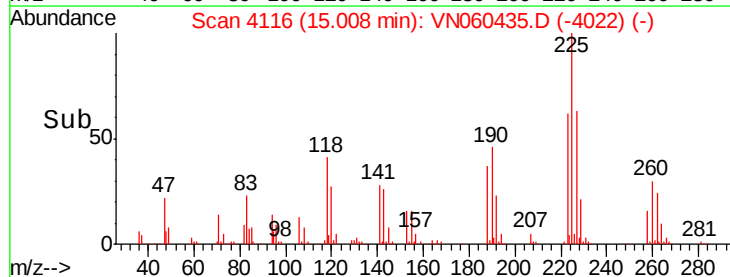
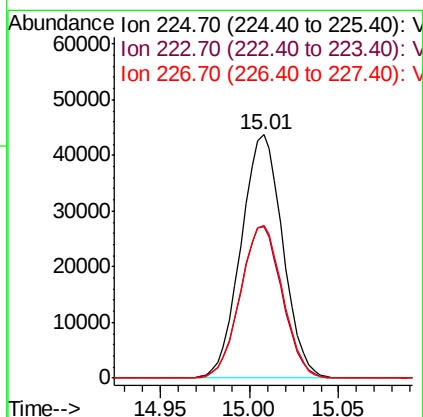
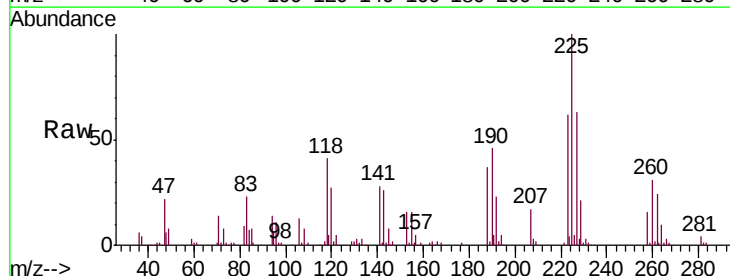
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 149045
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.3
 145 30.2 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 51.915 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060435.D
 Acq: 11 Mar 2020 8:53

Tgt Ion:225 Resp: 71598
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 63.2 32.3 96.9

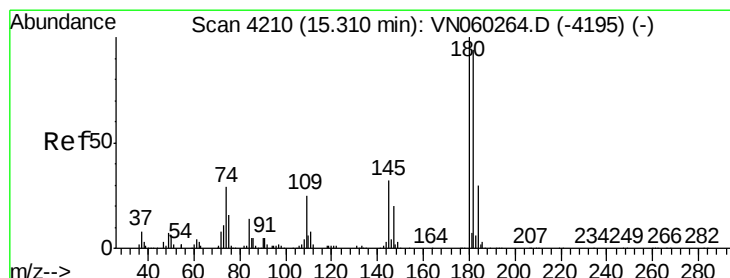
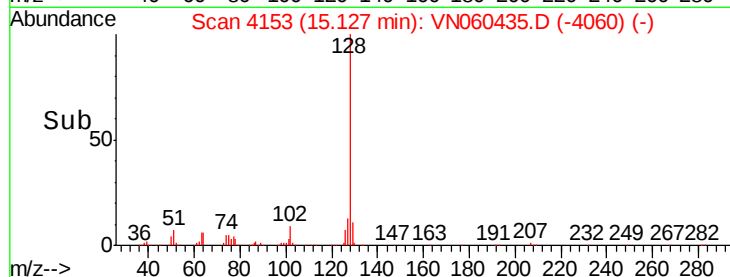
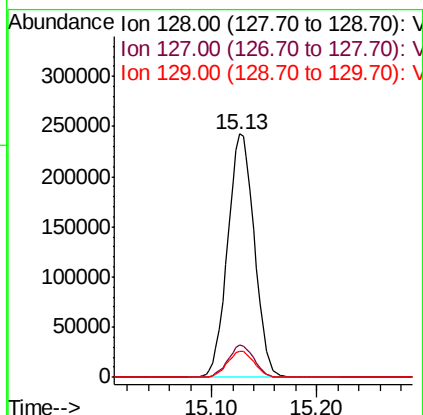
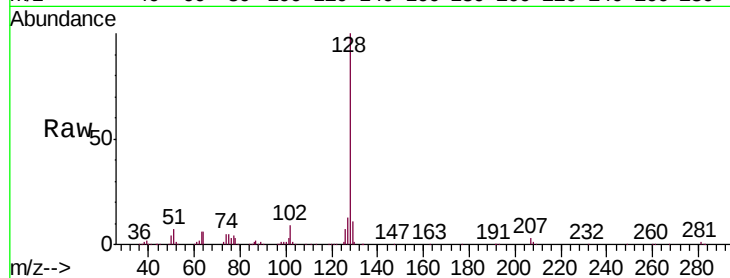




#95
Naphthalene
Concen: 47.816 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 422829
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.706 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060435.D
Acq: 11 Mar 2020 8:53

Tgt Ion:180 Resp: 137690
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 32.1 16.2 48.5

