

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\NOT REVIEWED DATA\
 Data File : VN062398.D
 Acq On : 8 Jul 2020 10:14
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 08 12:25:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 11:45:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	181500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	2495	0.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.56%	
35) Dibromofluoromethane	7.55	113	1366	0.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.32%	
50) Toluene-d8	10.06	98	5900	0.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.52%	
62) 4-Bromofluorobenzene	12.38	95	1627	0.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	1757	0.863	ug/l 87
3) Chloromethane	2.03	50	3105	1.013	ug/l 95
4) Vinyl Chloride	2.16	62	2328	0.893	ug/l 96
5) Bromomethane	2.54	94	1475	1.095	ug/l 81
6) Chloroethane	2.67	64	1336	0.879	ug/l # 85
7) Trichlorofluoromethane	2.99	101	3065	0.868	ug/l 92
8) Diethyl Ether	3.37	74	797	0.567	ug/l # 19
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1753	0.872	ug/l # 81
10) Methyl Iodide	3.90	142	1381	0.566	ug/l # 86
11) Tert butyl alcohol	4.71	59	219	0.483	ug/l # 74
12) 1,1-Dichloroethene	3.69	96	1736	0.922	ug/l 82
13) Acrolein	3.57	56	1187	5.100	ug/l # 57
14) Allyl chloride	4.27	41	3982	0.876	ug/l 97
15) Acrylonitrile	4.94	53	4726	3.924	ug/l # 88
16) Acetone	3.78	43	7143	4.862	ug/l 98
17) Carbon Disulfide	4.01	76	5858	0.982	ug/l # 85
18) Methyl Acetate	4.28	43	3228	0.979	ug/l # 68
19) Methyl tert-butyl Ether	4.99	73	6972	0.975	ug/l # 84
20) Methylene Chloride	4.50	84	3168	1.174	ug/l 95
21) trans-1,2-Dichloroethene	4.98	96	976	0.469	ug/l # 68
22) Diisopropyl ether	5.91	45	7826	0.864	ug/l 98
23) Vinyl Acetate	5.85	43	30835	4.381	ug/l 99
24) 1,1-Dichloroethane	5.80	63	4249	0.938	ug/l # 85
25) 2-Butanone	6.79	43	7715	4.098	ug/l 99
26) 2,2-Dichloropropane	6.78	77	3428	0.931	ug/l # 75
27) cis-1,2-Dichloroethene	6.78	96	2067	0.869	ug/l 86
28) Bromochloromethane	7.15	49	2542	1.021	ug/l # 92
29) Tetrahydrofuran	7.17	42	5236	4.357	ug/l 93
30) Chloroform	7.33	83	3704	0.846	ug/l 99
31) Cyclohexane	7.62	56	8449	2.012	ug/l # 41
32) 1,1,1-Trichloroethane	7.53	97	3094	0.845	ug/l # 53
36) 1,1-Dichloropropene	7.75	75	2994	0.913	ug/l 91
37) Ethyl Acetate	6.89	43	3873	1.014	ug/l # 70
38) Carbon Tetrachloride	7.72	117	1182	0.365	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	2793	0.791	ug/l	88
40) Benzene	8.00	78	8295	0.889	ug/l	93
41) Methacrylonitrile	7.12	41	1298	0.682	ug/l #	65
42) 1,2-Dichloroethane	8.08	62	2945	0.735	ug/l	80
43) Isopropyl Acetate	8.13	43	4849	0.760	ug/l #	87
44) Trichloroethene	8.80	130	1874	0.846	ug/l	97
45) 1,2-Dichloropropane	9.08	63	2390	0.873	ug/l #	85
46) Dibromomethane	9.17	93	1311	0.785	ug/l	96
47) Bromodichloromethane	9.37	83	2863	0.803	ug/l #	96
48) Methyl methacrylate	9.17	41	2433	0.751	ug/l	89
49) 1,4-Dioxane	9.16	88	334	7.498	ug/l #	4
51) 4-Methyl-2-Pentanone	9.95	43	13857	4.028	ug/l	97
52) Toluene	10.12	92	4569	0.826	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	2935	0.765	ug/l	93
54) cis-1,3-Dichloropropene	9.81	75	3610	0.874	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	1769	0.793	ug/l #	87
56) Ethyl methacrylate	10.40	69	2506	0.696	ug/l #	82
57) 1,3-Dichloropropane	10.68	76	3256	0.789	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.66	63	5320	4.177	ug/l #	89
59) 2-Hexanone	10.73	43	9778	3.786	ug/l	95
60) Dibromochloromethane	10.88	129	1896	0.755	ug/l	91
61) 1,2-Dibromoethane	10.98	107	1797	0.789	ug/l	95
64) Tetrachloroethene	10.60	164	1547	0.860	ug/l	91
65) Chlorobenzene	11.41	112	4888	0.851	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	1715	0.796	ug/l #	60
67) Ethyl Benzene	11.48	91	8875	0.873	ug/l	98
68) m/p-Xylenes	11.59	106	6099	1.641	ug/l	100
69) o-Xylene	11.92	106	3056	0.834	ug/l	98
70) Styrene	11.94	104	4276	0.706	ug/l	94
71) Bromoform	12.10	173	1057	0.629	ug/l #	90
73) Isopropylbenzene	12.22	105	7874	1.035	ug/l	100
74) N-amyl acetate	12.05	43	2778	0.689	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.48	83	2629	0.987	ug/l #	96
76) 1,2,3-Trichloropropane	12.53	75	3159	1.289	ug/l #	100
77) Bromobenzene	12.50	156	1767	0.986	ug/l	98
78) n-propylbenzene	12.57	91	8709	1.003	ug/l	97
79) 2-Chlorotoluene	12.65	91	5385	0.976	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	5762	0.905	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	619	0.703	ug/l #	77
82) 4-Chlorotoluene	12.75	91	5246	0.931	ug/l	99
83) tert-Butylbenzene	12.97	119	5137	0.946	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	5719	0.907	ug/l	100
85) sec-Butylbenzene	13.15	105	6412	0.925	ug/l	98
86) p-Isopropyltoluene	13.26	119	5351	0.857	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	2685	0.836	ug/l	97
88) 1,4-Dichlorobenzene	13.26	146	2685	0.809	ug/l	95
89) n-Butylbenzene	13.59	91	4842	0.900	ug/l	95
90) Hexachloroethane	13.85	117	1084	0.819	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	2676	0.870	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	368	0.715	ug/l	71

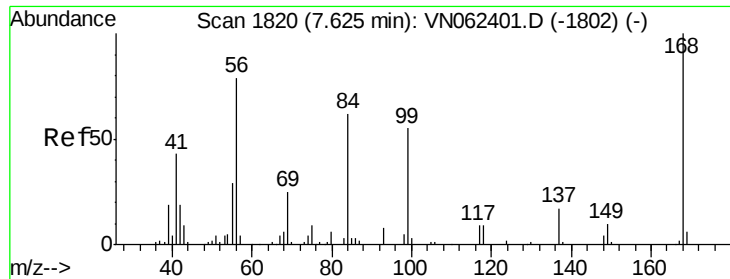
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	677	0.470	ug/l	89
94) Hexachlorobutadiene	14.98	225	767	0.851	ug/l	87
95) Naphthalene	15.11	128	2386	0.625	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.28	180	1005	0.680	ug/l #	80

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

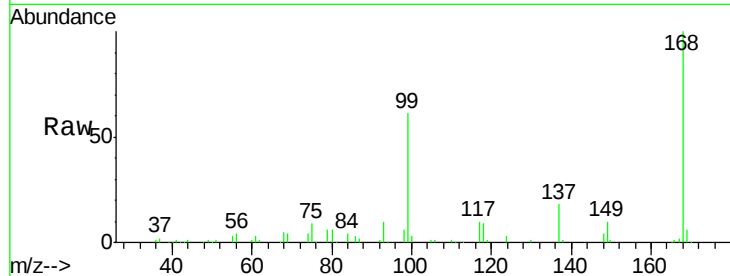
VSTDIC001

Tgt Ion: 168 Resp: 181500

Ion Ratio Lower Upper

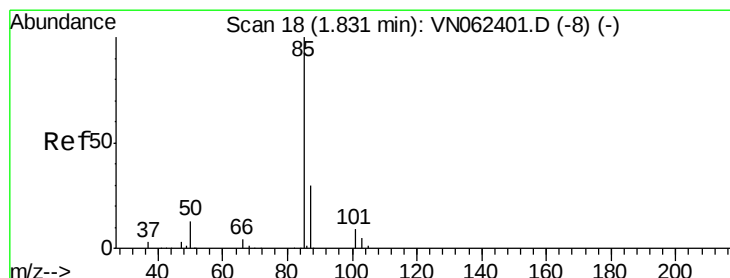
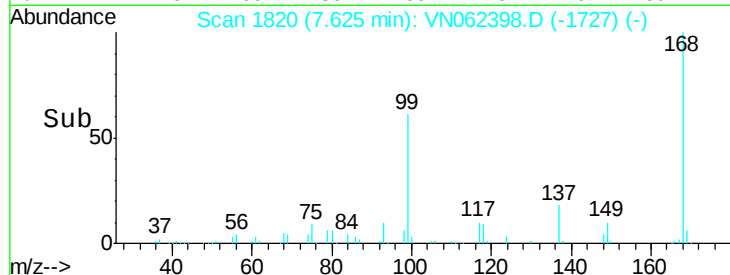
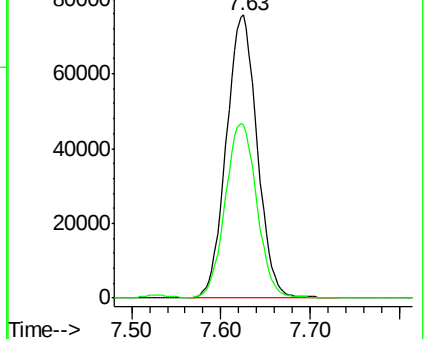
168 100

99 61.2 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.863 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN062398.D

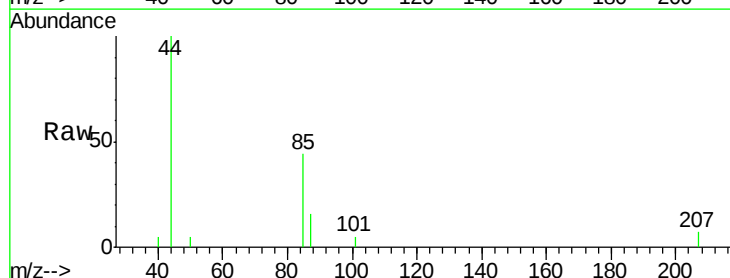
Acq: 8 Jul 2020 10:14

Tgt Ion: 85 Resp: 1757

Ion Ratio Lower Upper

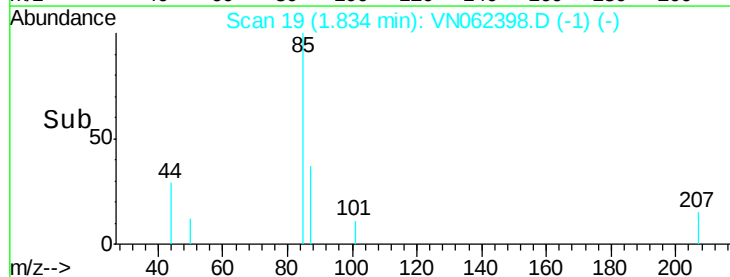
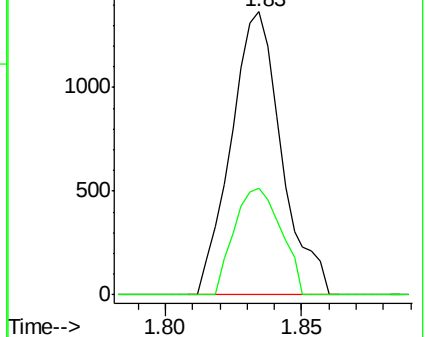
85 100

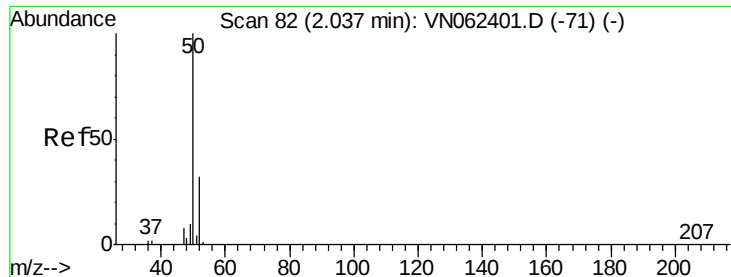
87 37.5 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.013 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

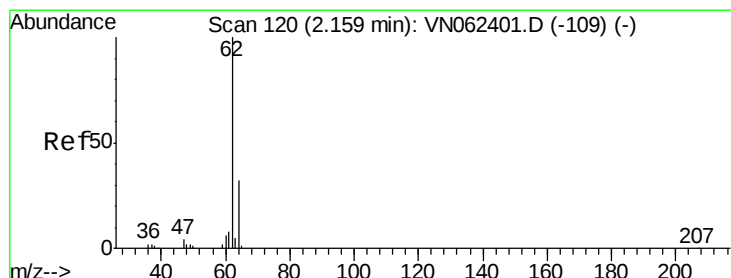
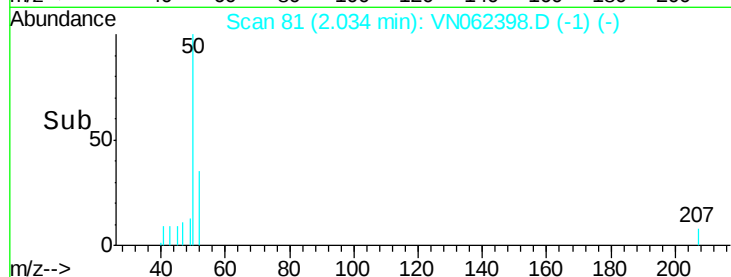
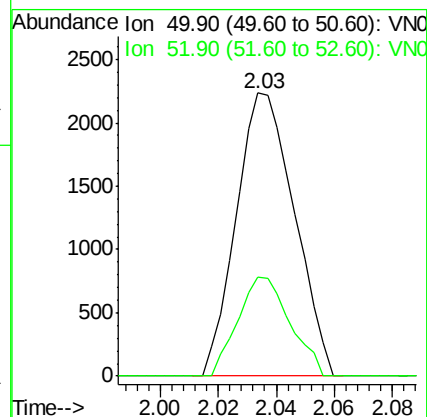
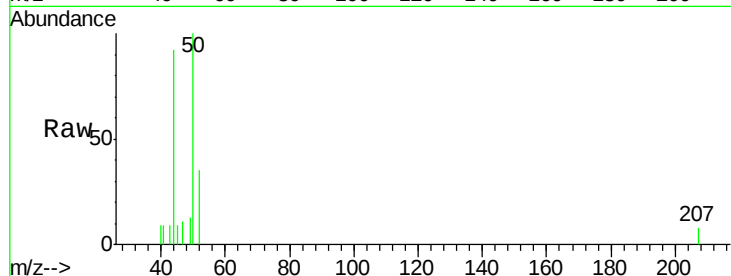
VSTDIC001

Tgt Ion: 50 Resp: 3105

Ion Ratio Lower Upper

50 100

52 34.9 25.5 38.3



#4

Vinyl Chloride

Concen: 0.893 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062398.D

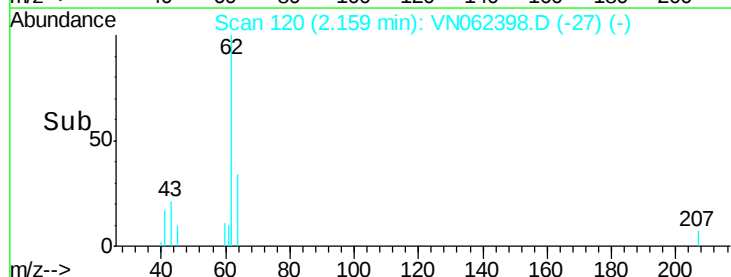
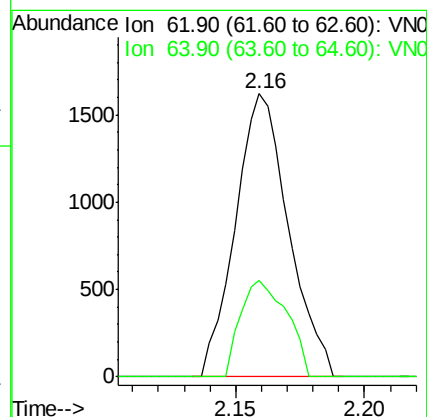
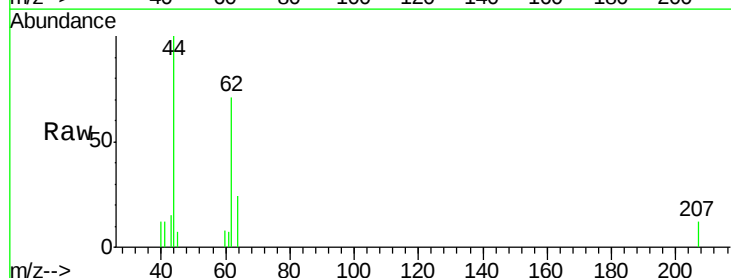
Acq: 8 Jul 2020 10:14

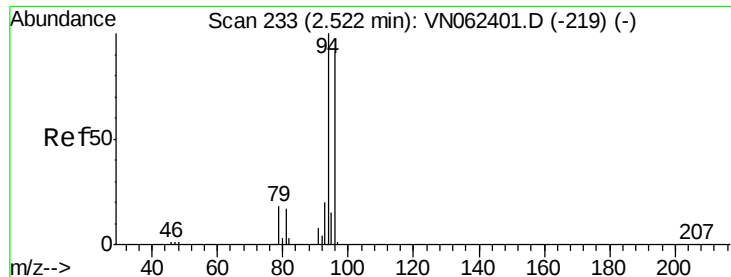
Tgt Ion: 62 Resp: 2328

Ion Ratio Lower Upper

62 100

64 34.1 25.7 38.5





#5

Bromomethane

Concen: 1.095 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

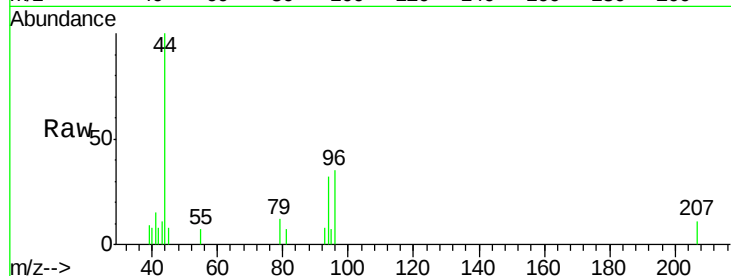
VSTDIC001

Tgt Ion: 94 Resp: 1475

Ion Ratio Lower Upper

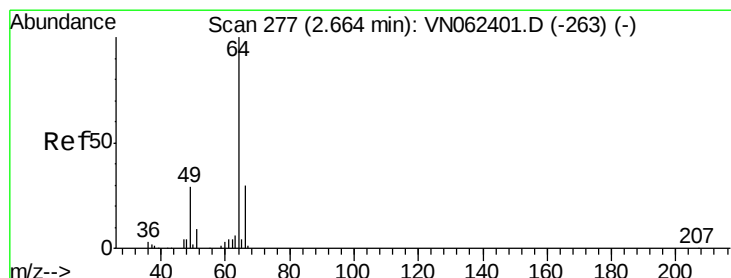
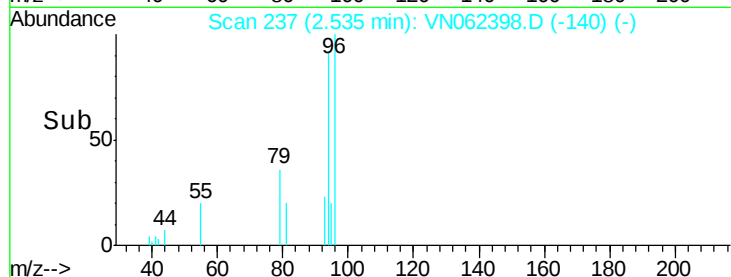
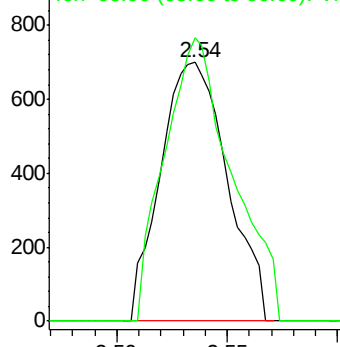
94 100

96 109.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.879 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062398.D

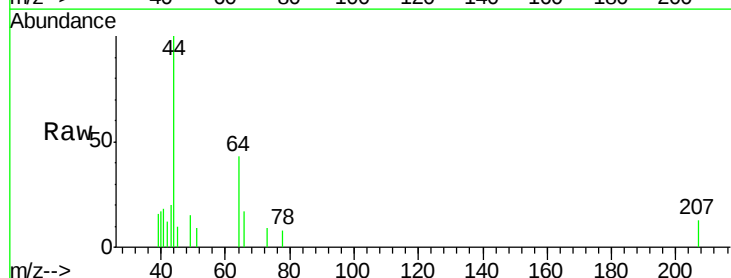
Acq: 8 Jul 2020 10:14

Tgt Ion: 64 Resp: 1336

Ion Ratio Lower Upper

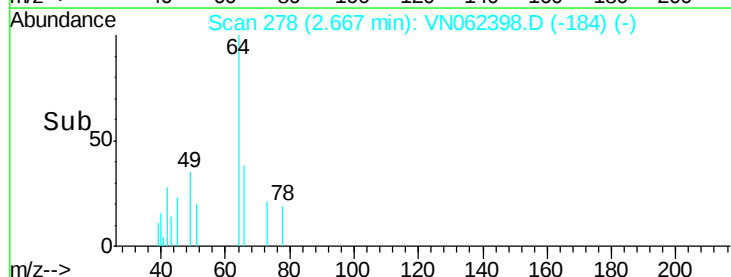
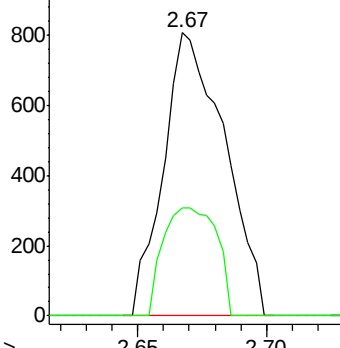
64 100

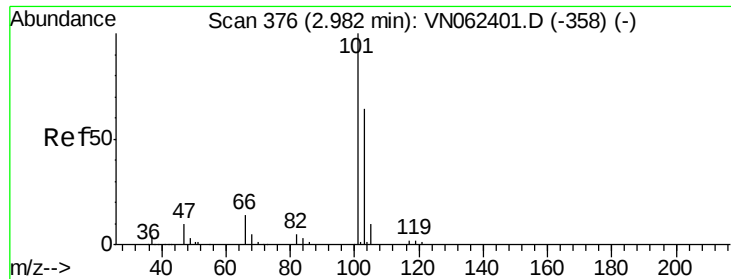
66 38.1 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



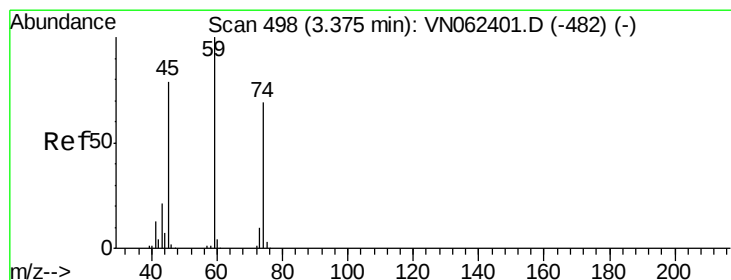
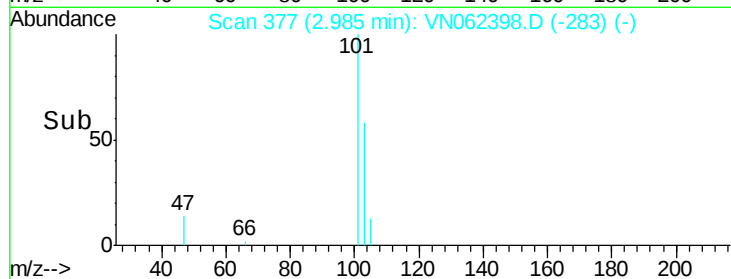
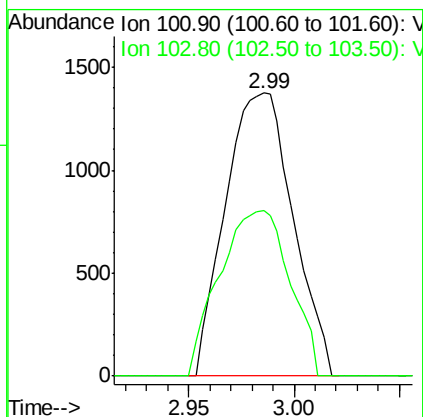
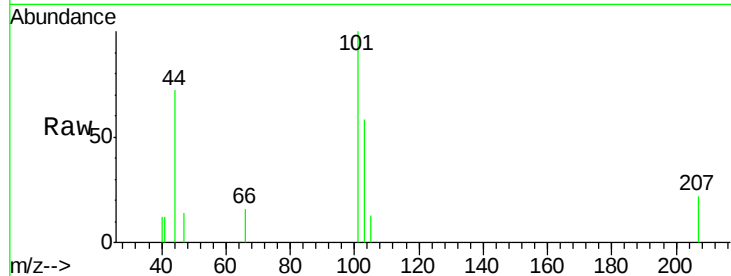


#7

Trichlorofluoromethane
 Concen: 0.868 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

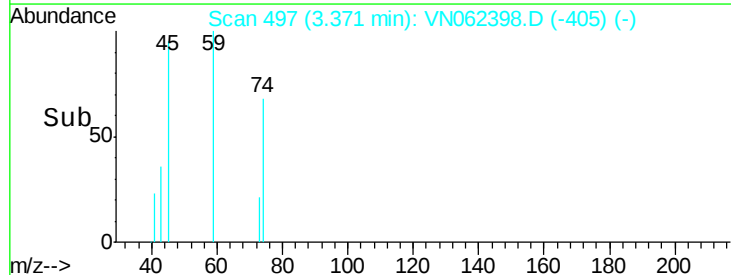
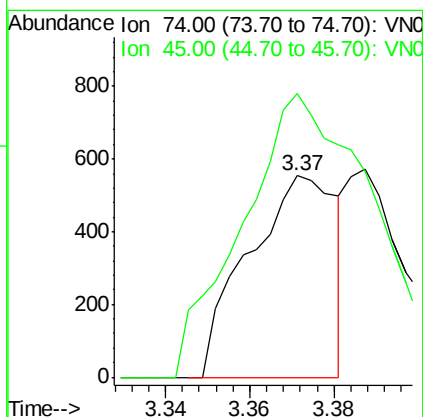
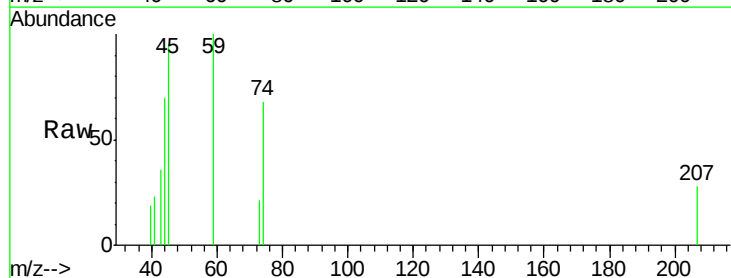
Tgt Ion: 101 Resp: 3065
 Ion Ratio Lower Upper
 101 100
 103 58.3 51.6 77.4

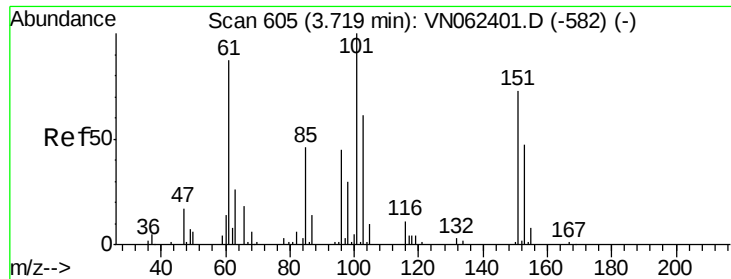


#8

Diethyl Ether
 Concen: 0.567 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 74 Resp: 797
 Ion Ratio Lower Upper
 74 100
 45 205.4 58.5 175.3#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.872 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

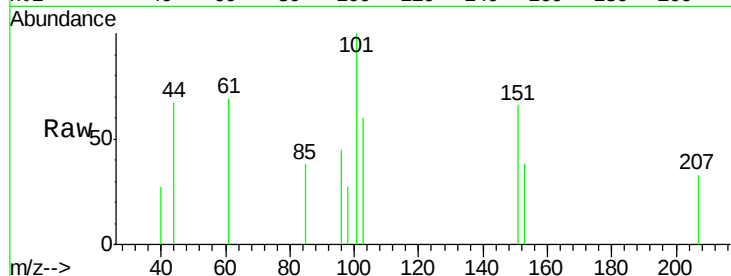
Tgt Ion:101 Resp: 1753

Ion Ratio Lower Upper

101 100

85 26.1 36.7 55.1#

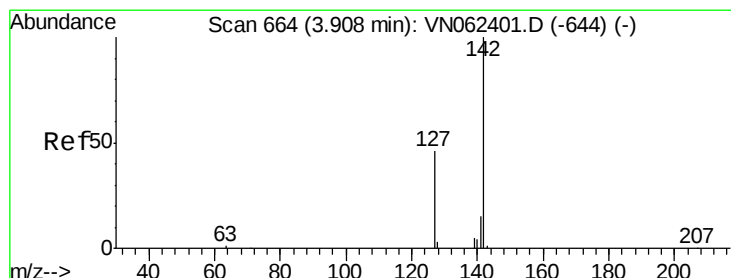
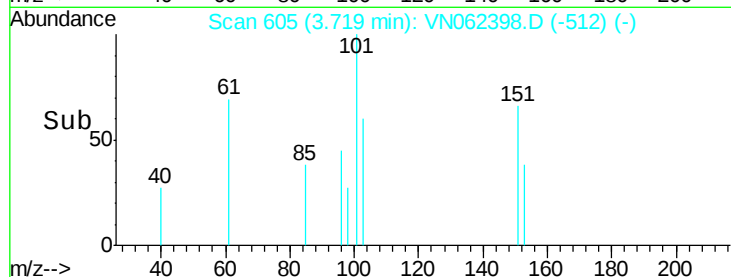
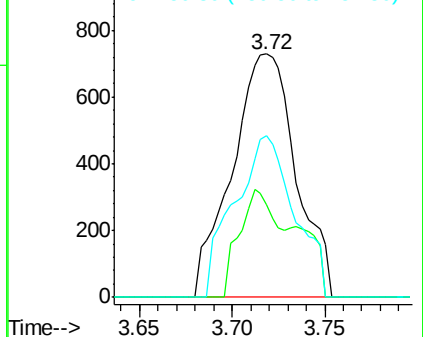
151 62.1 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.566 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

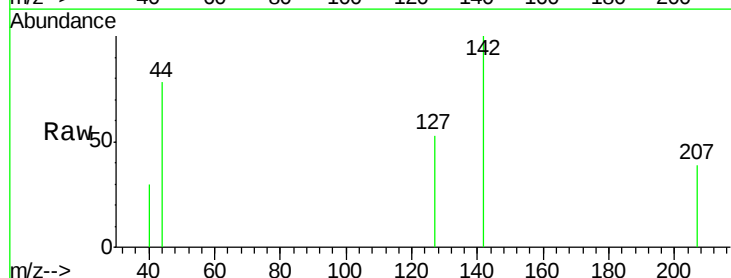
Tgt Ion:142 Resp: 1381

Ion Ratio Lower Upper

142 100

127 49.9 36.1 54.1

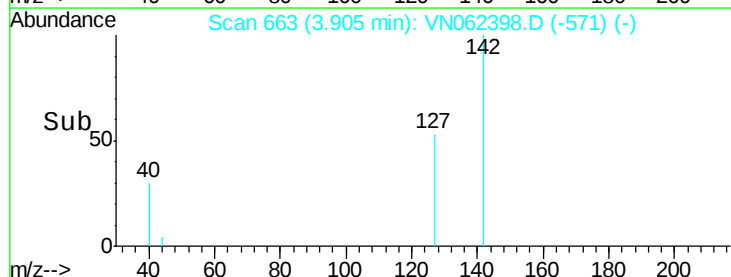
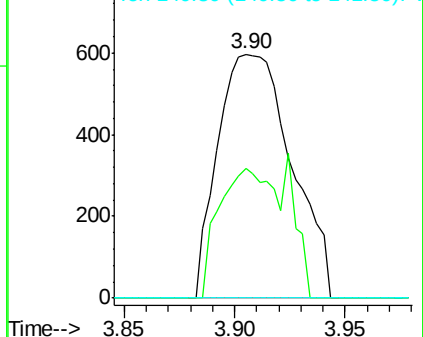
141 0.0 11.4 17.0#

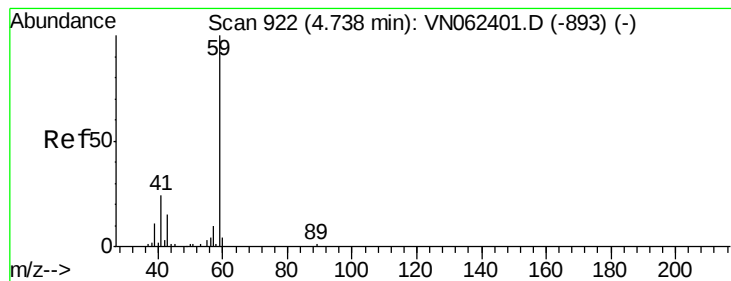


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



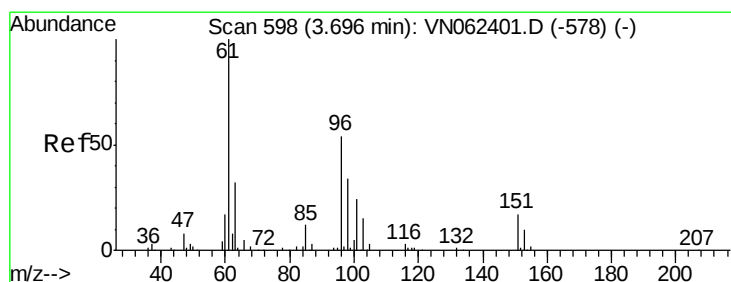
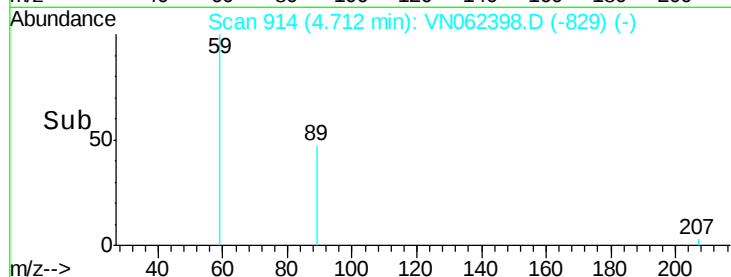
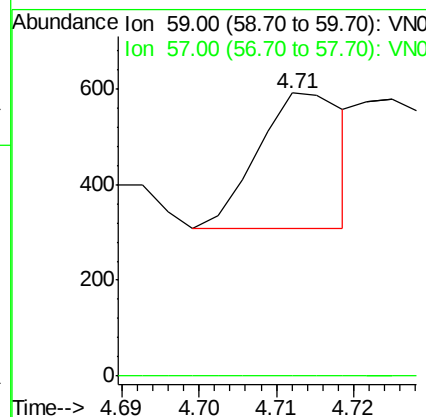
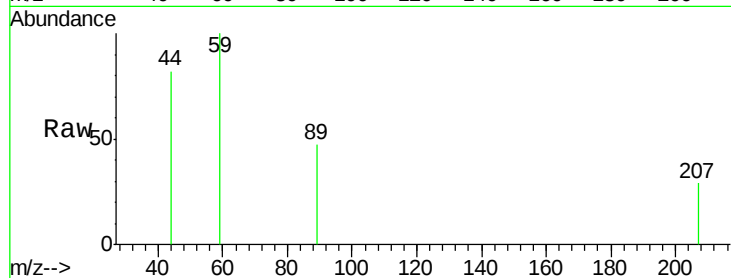


#11

Tert butyl alcohol
 Concen: 0.483 ug/l
 RT: 4.71 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

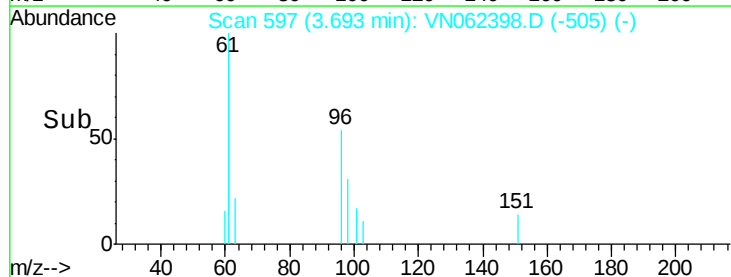
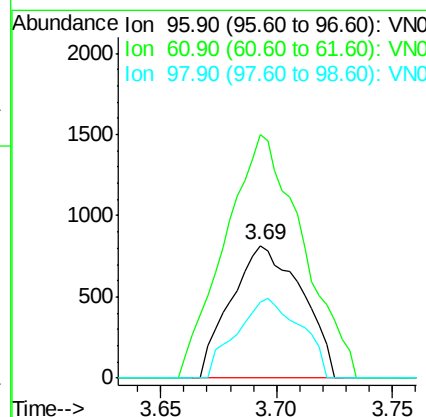
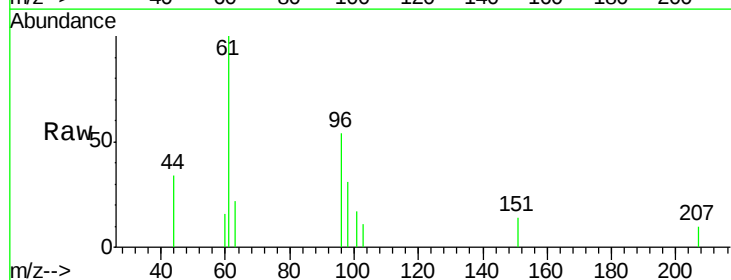
Tgt Ion: 59 Resp: 219
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

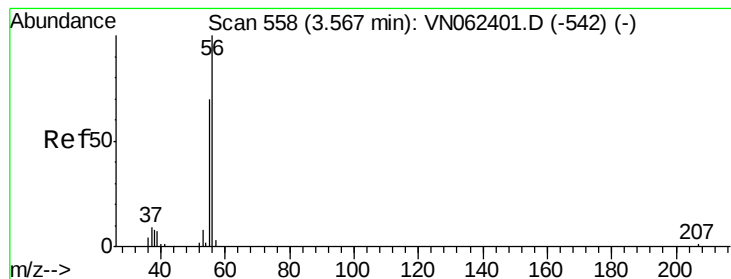


#12

1,1-Dichloroethene
 Concen: 0.922 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 96 Resp: 1736
 Ion Ratio Lower Upper
 96 100
 61 154.0 147.4 221.0
 98 57.1 50.4 75.6





#13

Acrolein

Concen: 5.100 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

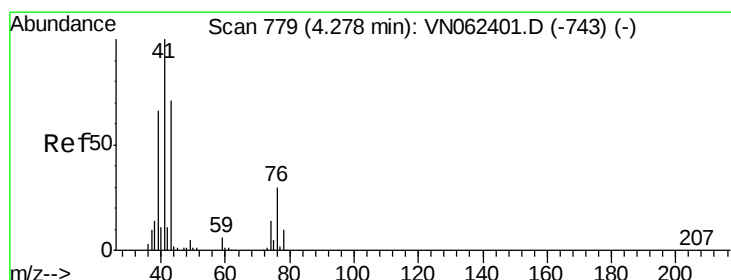
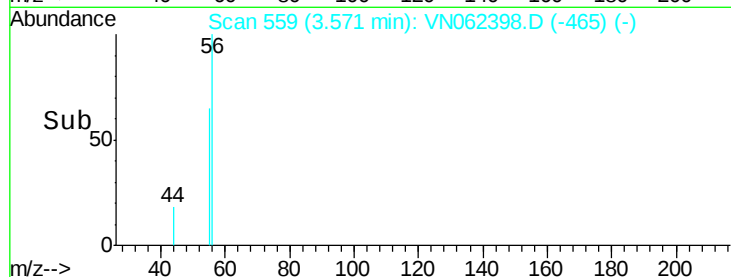
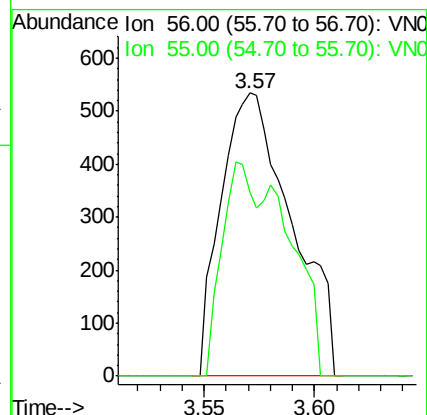
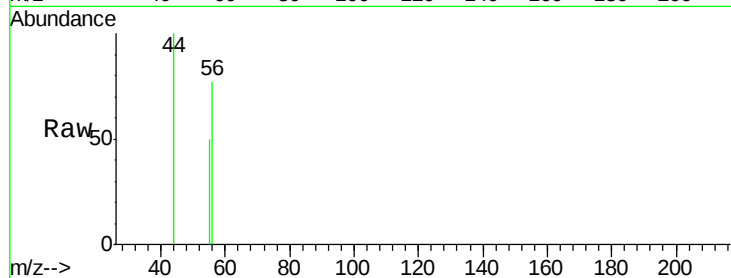
VSTDIC001

Tgt Ion: 56 Resp: 1187

Ion Ratio Lower Upper

56 100

55 35.5 57.2 85.8#



#14

Allyl chloride

Concen: 0.876 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

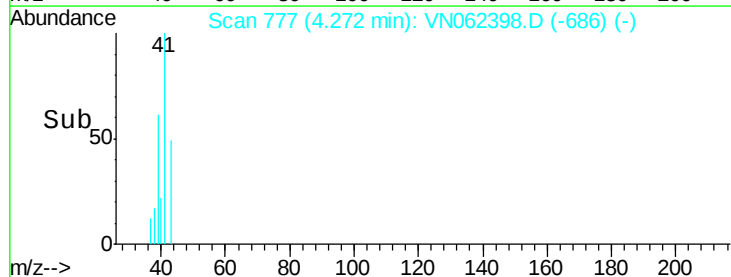
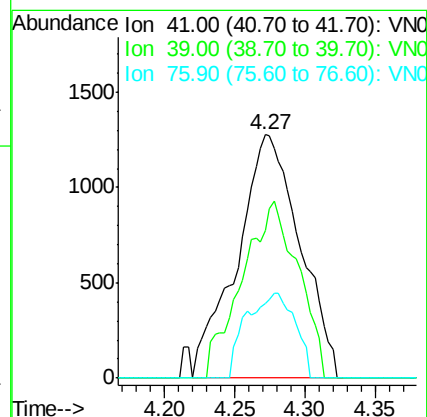
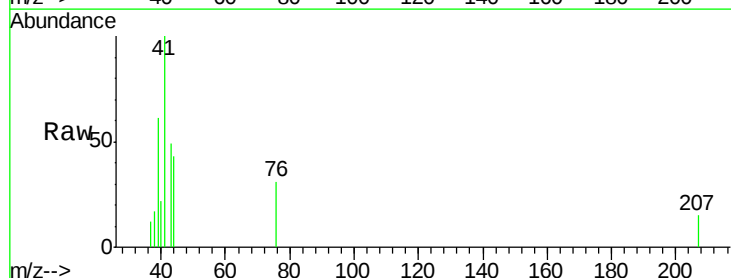
Tgt Ion: 41 Resp: 3982

Ion Ratio Lower Upper

41 100

39 64.8 49.6 74.4

76 27.0 22.2 33.4





#15

Acrylonitrile

Concen: 3.924 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

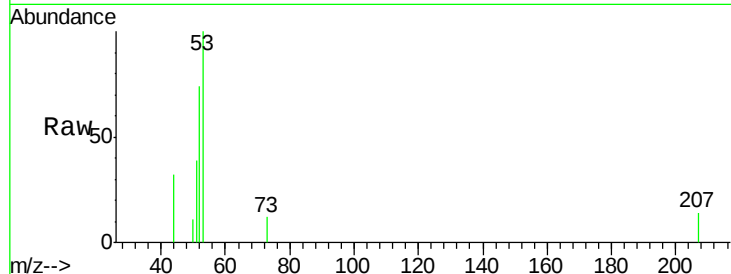
Tgt Ion: 53 Resp: 4726

Ion Ratio Lower Upper

53 100

52 80.5 66.2 99.4

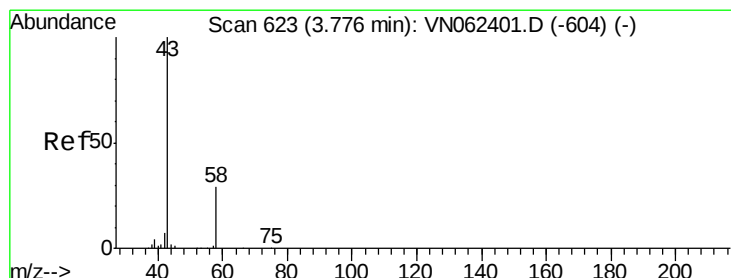
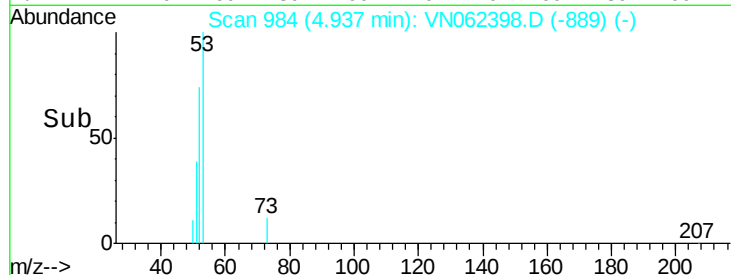
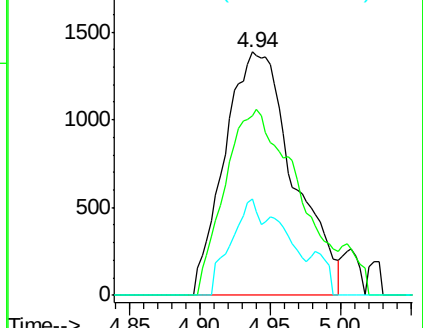
51 16.6 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VN062398.D (-889) (-)

Ion 52.00 (51.70 to 52.70): VN062398.D (-889) (-)

Ion 51.00 (50.70 to 51.70): VN062398.D (-889) (-)



#16

Acetone

Concen: 4.862 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062398.D

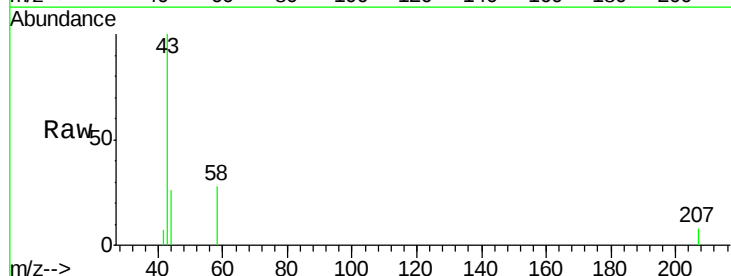
Acq: 8 Jul 2020 10:14

Tgt Ion: 43 Resp: 7143

Ion Ratio Lower Upper

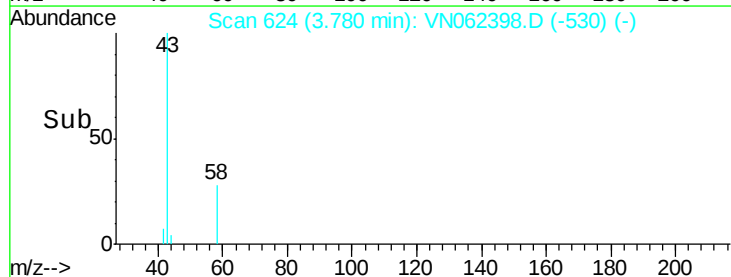
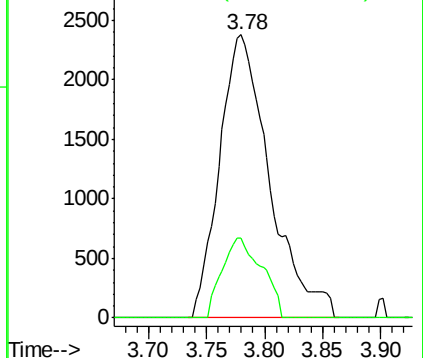
43 100

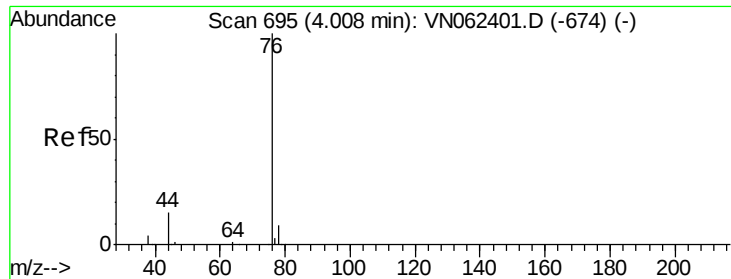
58 28.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062398.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062398.D (-530) (-)





#17

Carbon Disulfide

Concen: 0.982 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

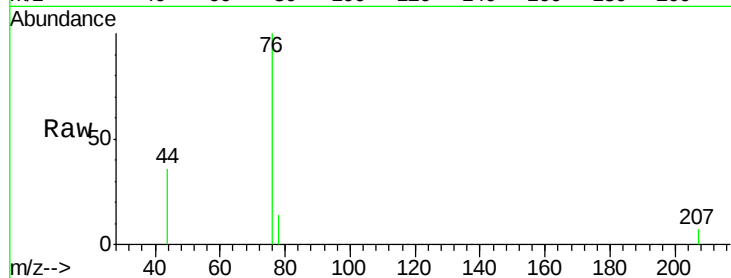
VSTDIC001

Tgt Ion: 76 Resp: 5858

Ion Ratio Lower Upper

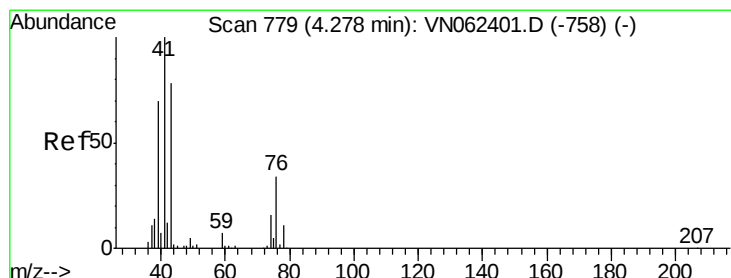
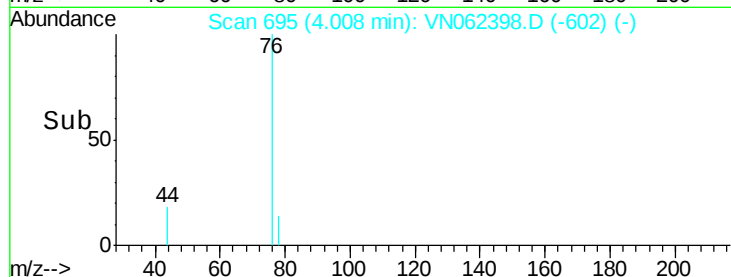
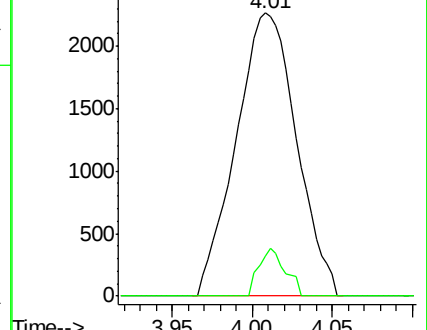
76 100

78 14.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN062398.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN062398.D (-674) (-)



#18

Methyl Acetate

Concen: 0.979 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062398.D

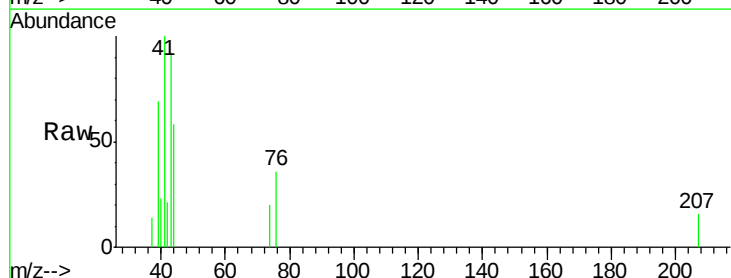
Acq: 8 Jul 2020 10:14

Tgt Ion: 43 Resp: 3228

Ion Ratio Lower Upper

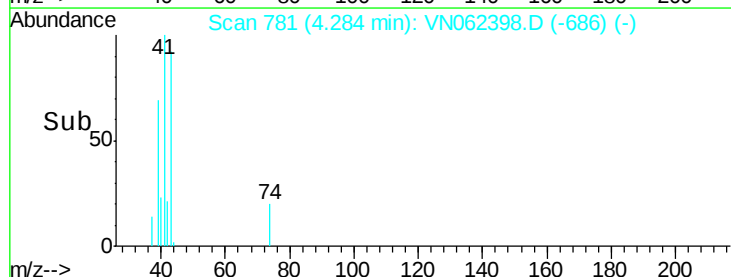
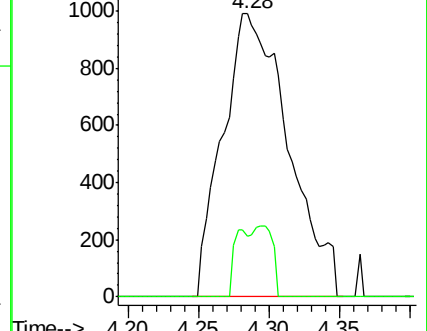
43 100

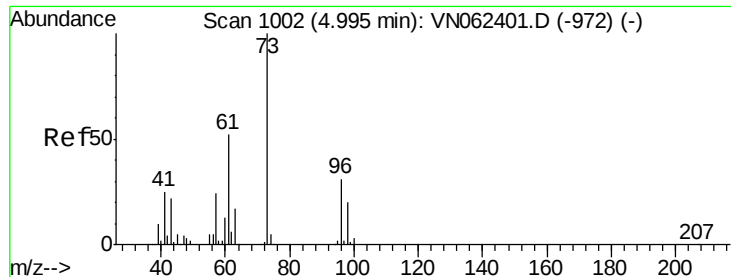
74 5.2 16.0 24.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062398.D (-686) (-)

Ion 74.00 (73.70 to 74.70): VN062398.D (-686) (-)





#19

Methyl tert-butyl Ether

Concen: 0.975 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

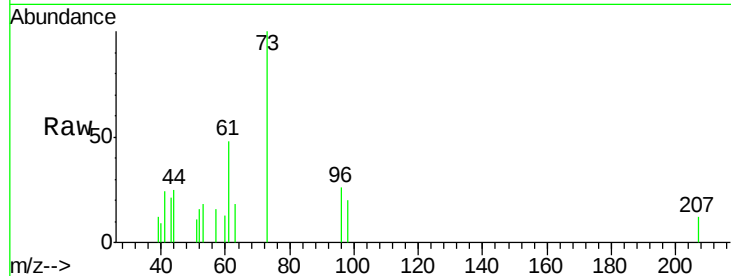
VSTDIC001

Tgt Ion: 73 Resp: 6972

Ion Ratio Lower Upper

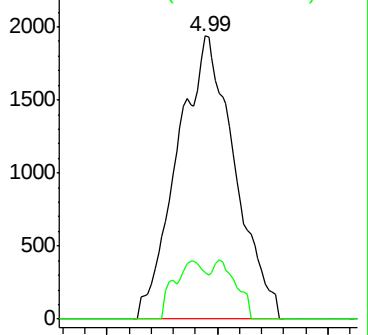
73 100

57 16.3 19.4 29.0#

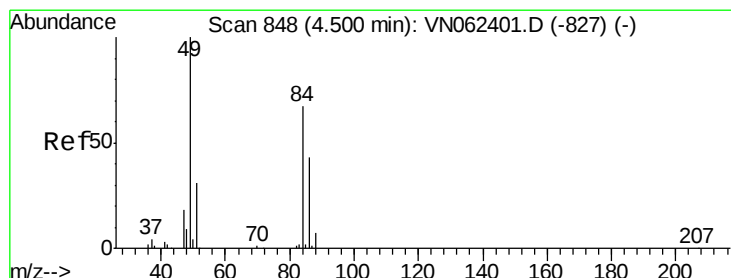
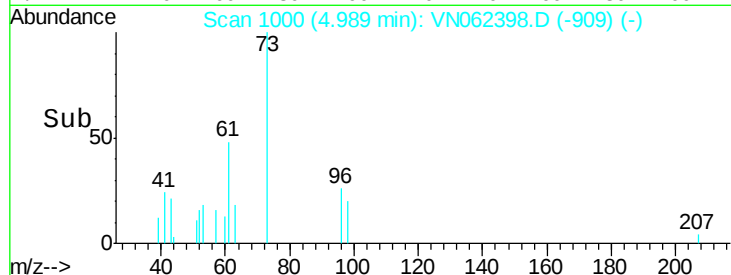


Abundance Ion 73.00 (72.70 to 73.70): VN062401.D (-972) (-)

Ion 57.00 (56.70 to 57.70): VN062401.D (-972) (-)



Time-->



#20

Methylene Chloride

Concen: 1.174 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Tgt Ion: 84 Resp: 3168

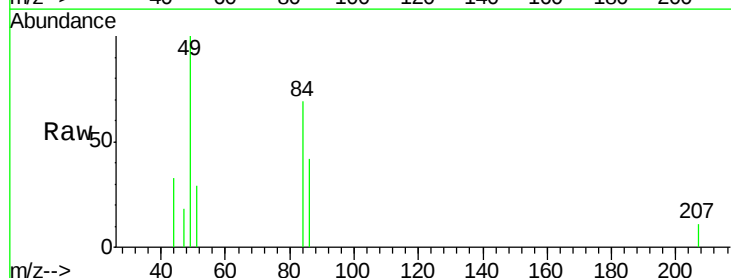
Ion Ratio Lower Upper

84 100

49 144.7 120.0 180.0

51 41.3 37.0 55.6

86 60.7 51.8 77.6

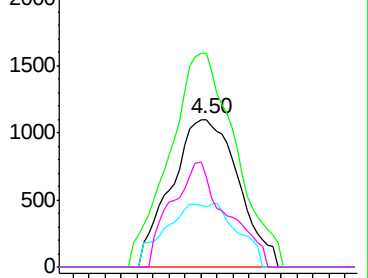


Abundance Ion 83.90 (83.60 to 84.60): VN062401.D (-827) (-)

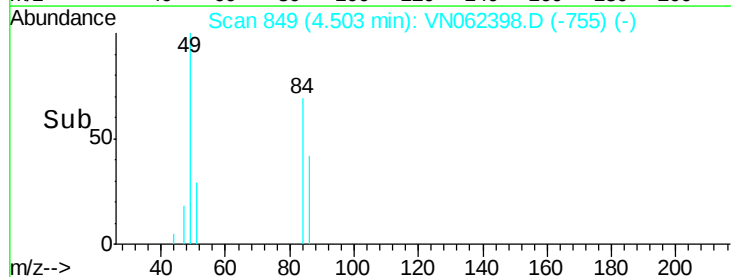
Ion 48.90 (48.60 to 49.60): VN062401.D (-827) (-)

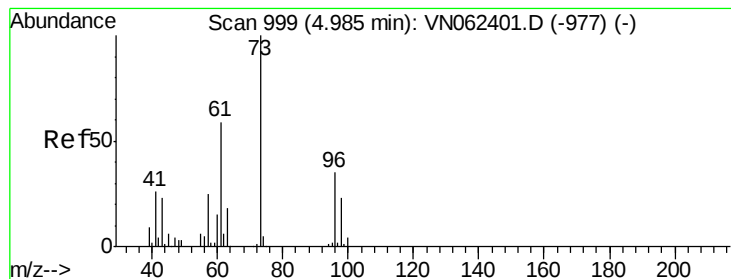
Ion 50.90 (50.60 to 51.60): VN062401.D (-827) (-)

Ion 85.90 (85.60 to 86.60): VN062401.D (-827) (-)



Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.469 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

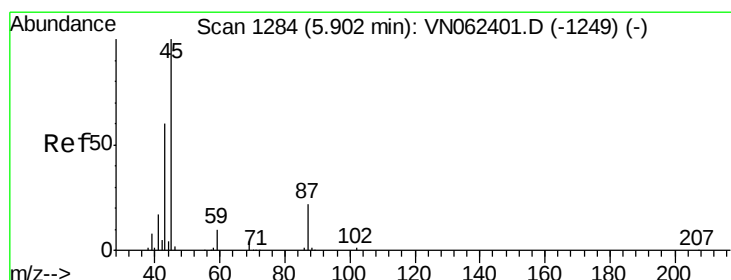
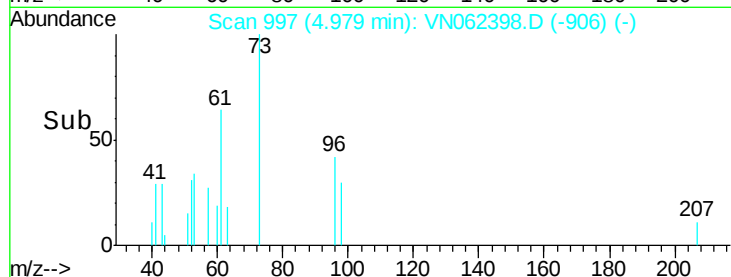
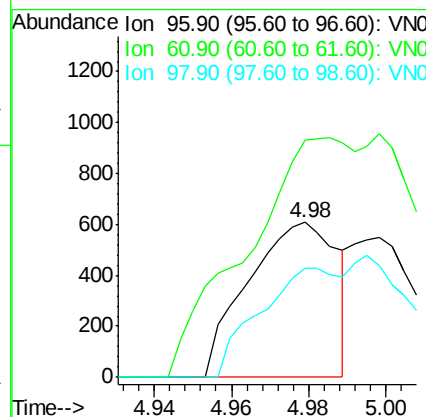
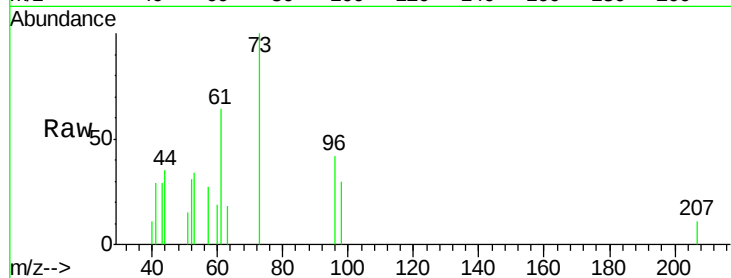
Tgt Ion: 96 Resp: 976

Ion Ratio Lower Upper

96 100

61 110.9 133.5 200.3#

98 70.8 51.9 77.9



#22

Diisopropyl ether

Concen: 0.864 ug/l

RT: 5.91 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Tgt Ion: 45 Resp: 7826

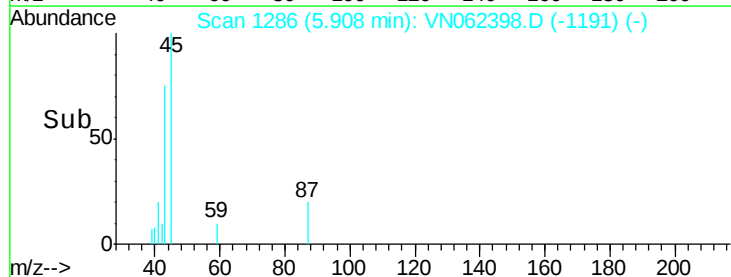
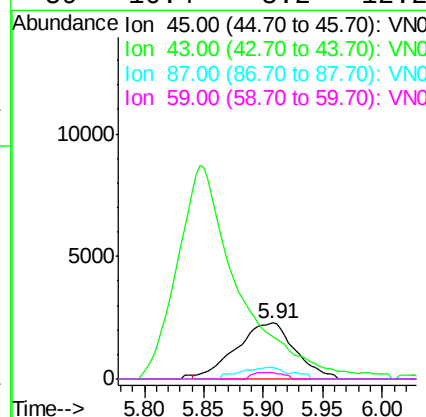
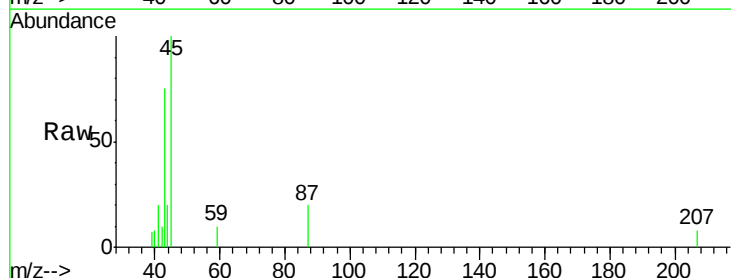
Ion Ratio Lower Upper

45 100

43 61.4 50.1 75.1

87 20.1 18.2 27.4

59 10.4 8.2 12.2





#23

Vinyl Acetate

Concen: 4.381 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

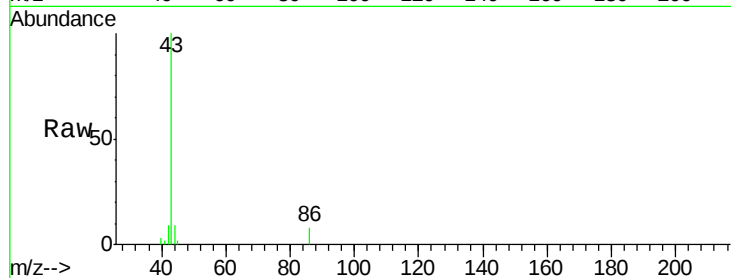
VSTDIC001

Tgt Ion: 43 Resp: 30835

Ion Ratio Lower Upper

43 100

86 8.2 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN062398.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062398.D (-1173) (-)

5.85

8000

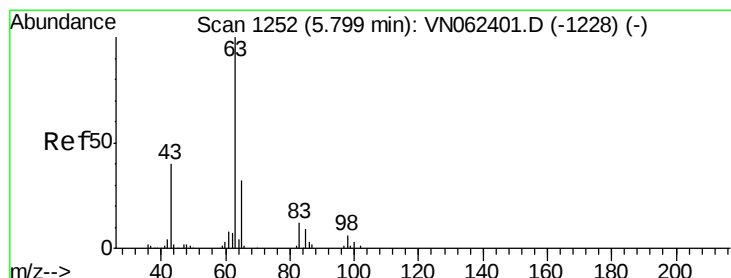
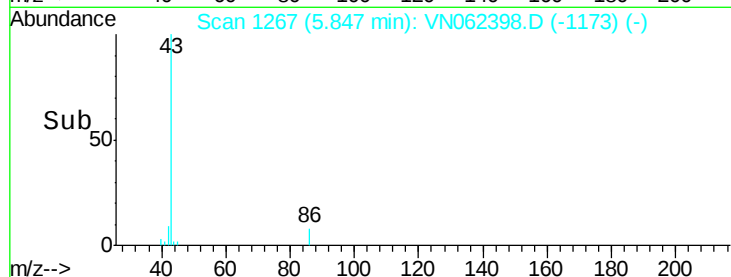
6000

4000

2000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 0.938 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

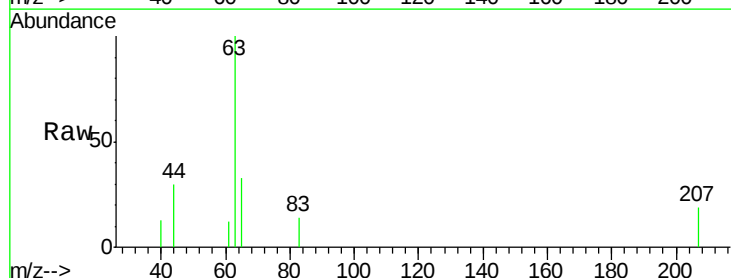
Tgt Ion: 63 Resp: 4249

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.8#

100 0.0 1.8 5.3#



Abundance Ion 62.90 (62.60 to 63.60): VN062398.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN062398.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN062398.D (-1159) (-)

5.80

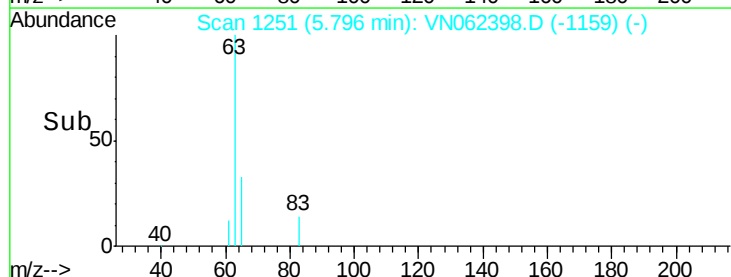
1500

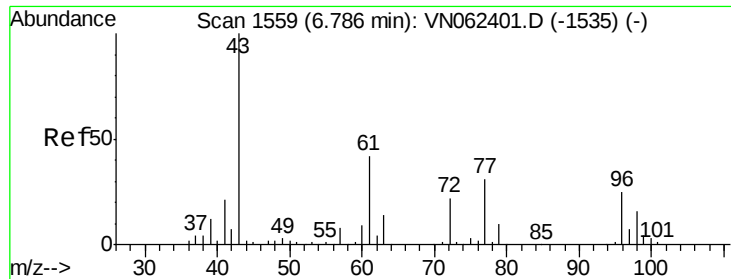
1000

500

0

Time--> 5.70 5.75 5.80 5.85

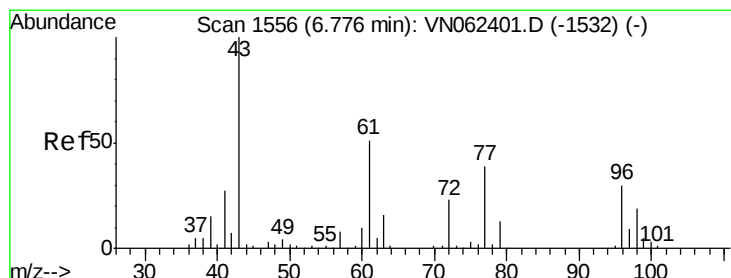
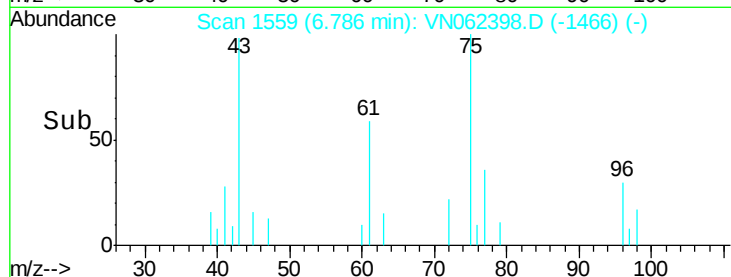
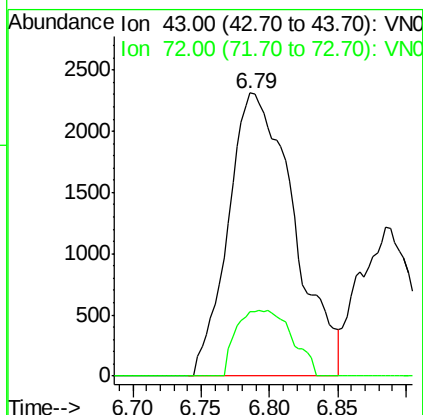
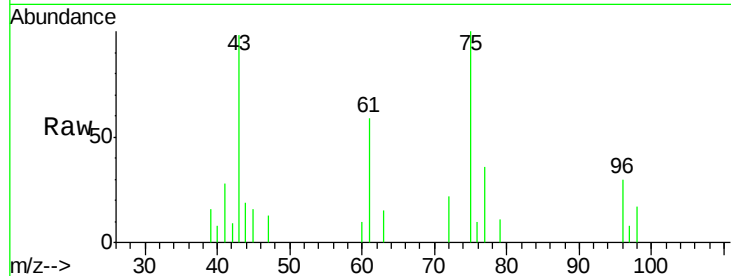




#25
2-Butanone
Concen: 4.098 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

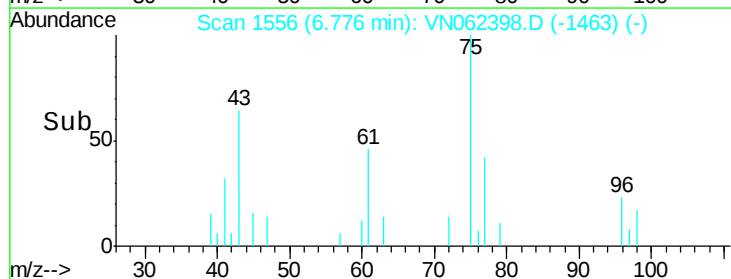
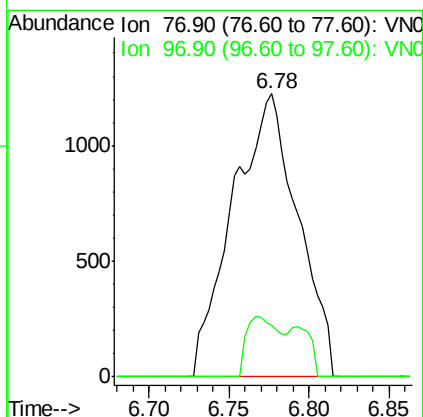
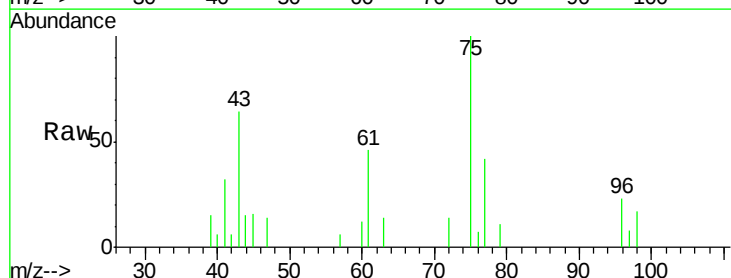
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

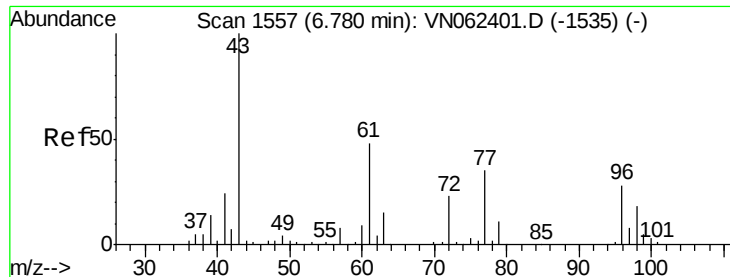
Tgt Ion: 43 Resp: 7715
Ion Ratio Lower Upper
43 100
72 22.7 17.9 26.9



#26
2,2-Dichloropropane
Concen: 0.931 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion: 77 Resp: 3428
Ion Ratio Lower Upper
77 100
97 10.0 10.9 32.9#





#27

cis-1,2-Dichloroethene

Concen: 0.869 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

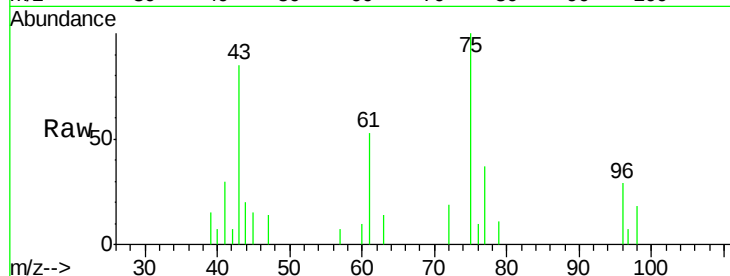
Tgt Ion: 96 Resp: 2067

Ion Ratio Lower Upper

96 100

61 191.7 0.0 343.4

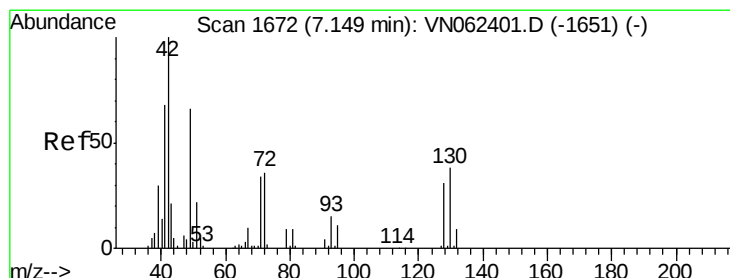
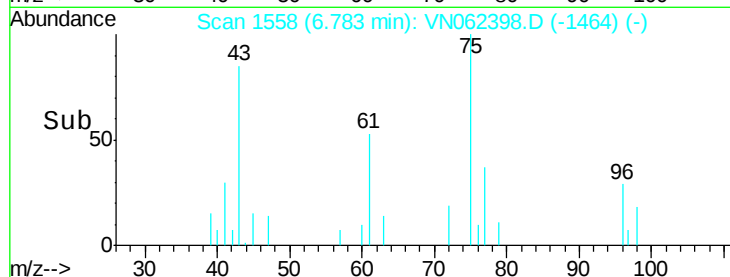
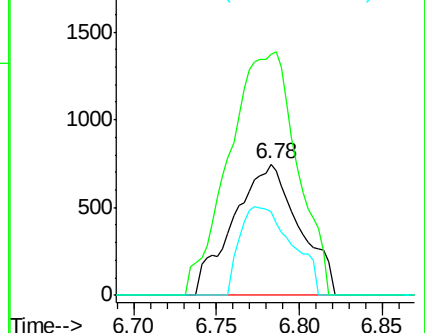
98 53.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN062398.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062398.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062398.D (-1464) (-)



#28

Bromochloromethane

Concen: 1.021 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

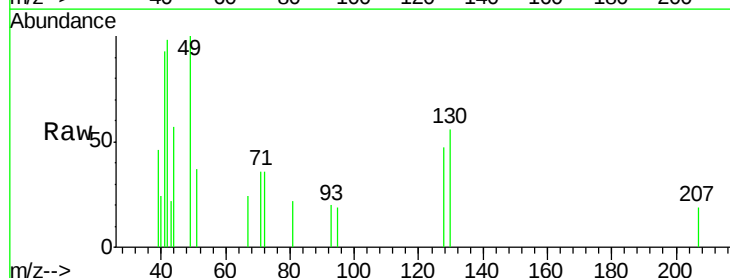
Tgt Ion: 49 Resp: 2542

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.8

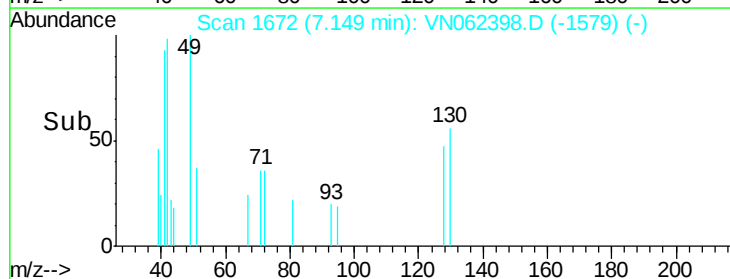
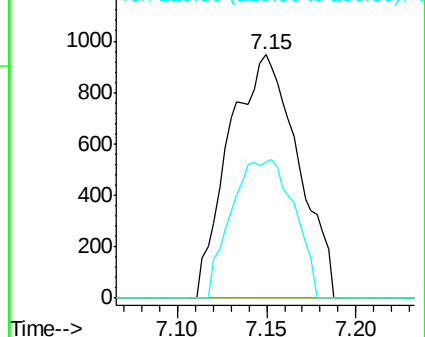
130 51.7 46.5 69.7

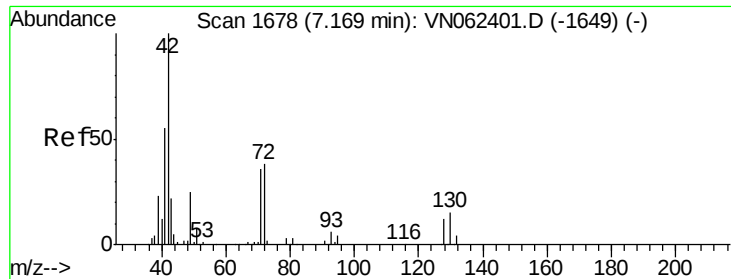


Abundance Ion 48.90 (48.60 to 49.60): VN062398.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062398.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062398.D (-1579) (-)

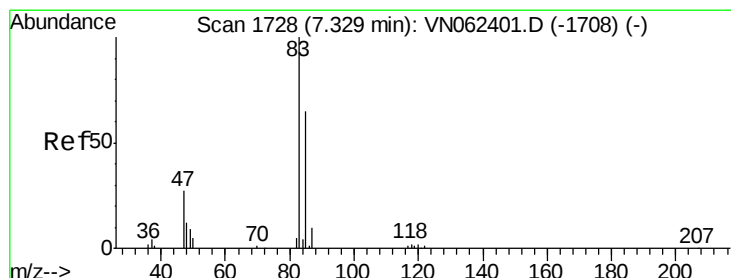
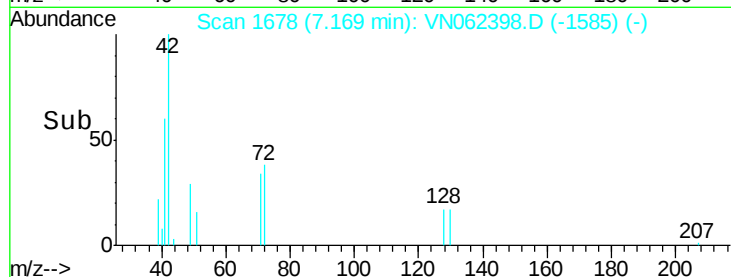
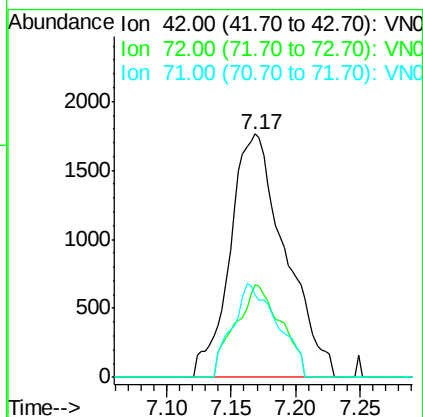
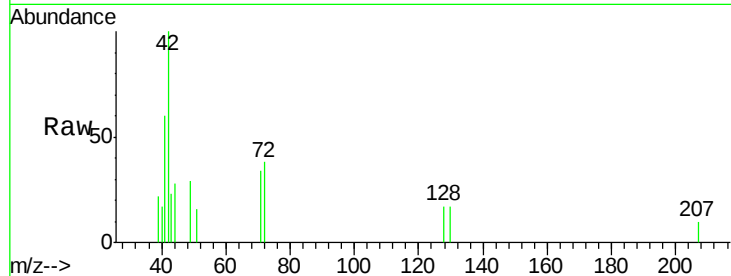




#29
Tetrahydrofuran
Concen: 4.357 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

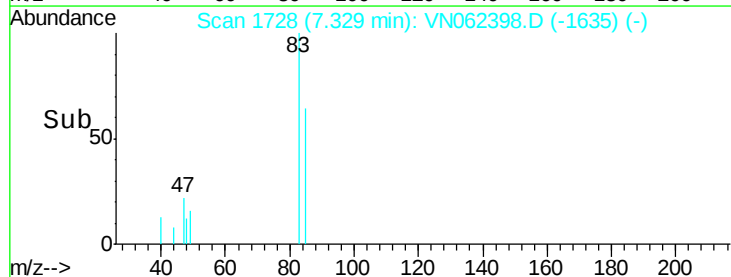
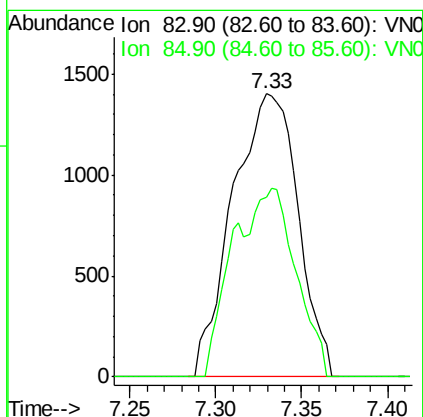
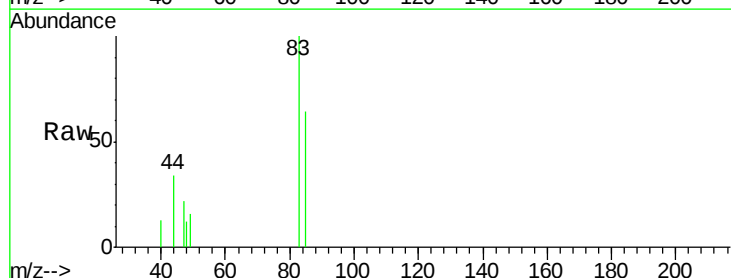
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

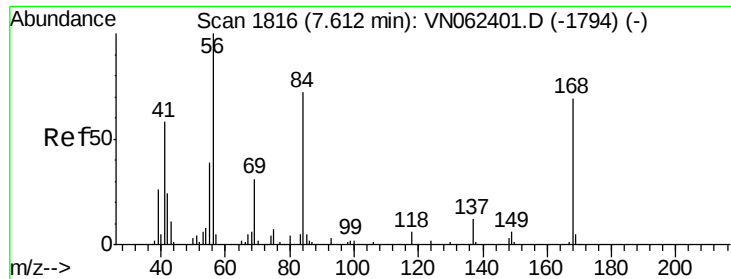
Tgt Ion: 42 Resp: 5236
Ion Ratio Lower Upper
42 100
72 31.4 29.1 43.7
71 31.6 28.1 42.1



#30
Chloroform
Concen: 0.846 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion: 83 Resp: 3704
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6

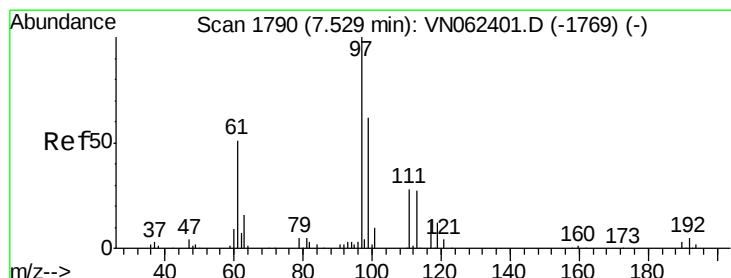
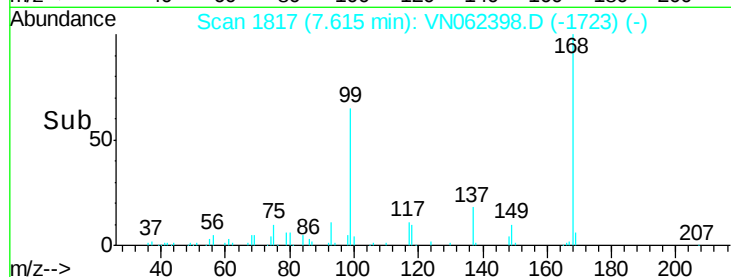
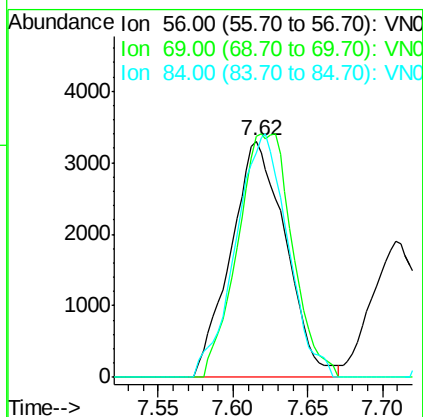
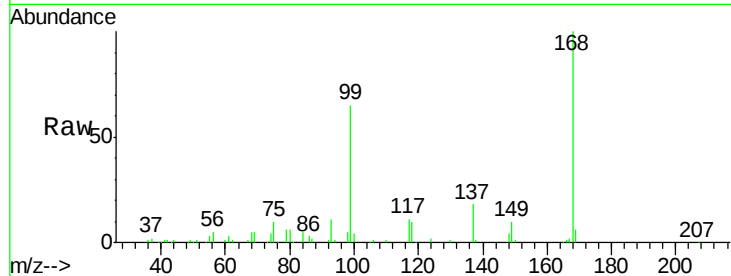




#31
Cyclohexane
Concen: 2.012 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

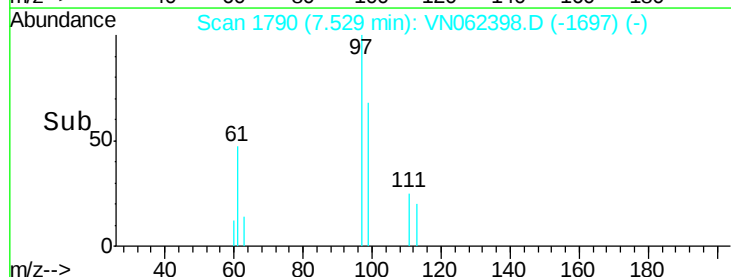
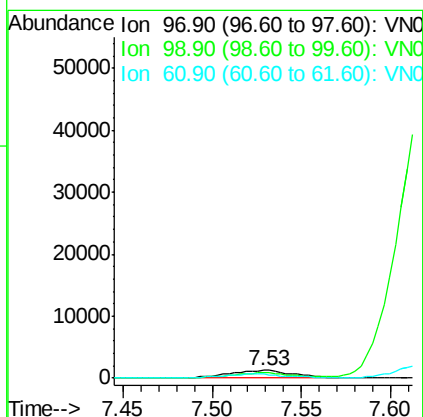
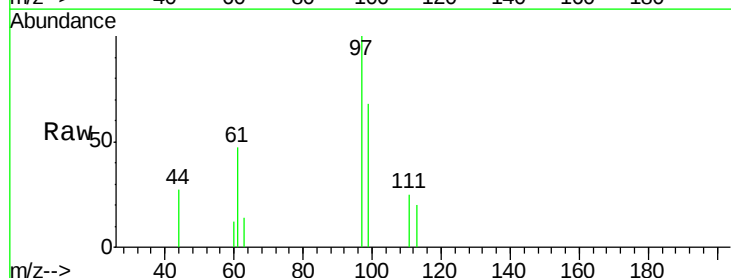
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

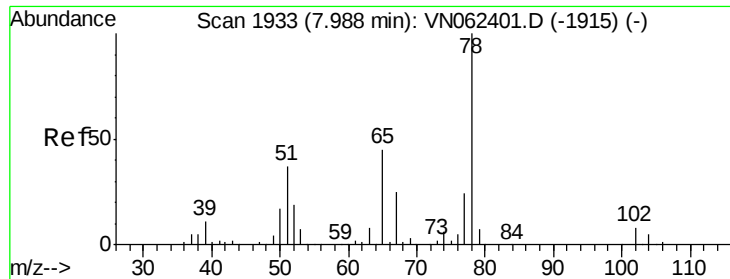
Tgt Ion: 56 Resp: 8449
Ion Ratio Lower Upper
56 100
69 102.1 24.5 36.7#
84 95.0 57.4 86.2#



#32
1,1,1-Trichloroethane
Concen: 0.845 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion: 97 Resp: 3094
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 47.9 39.9 59.9

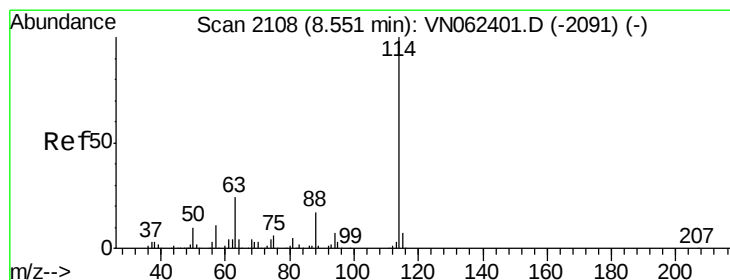
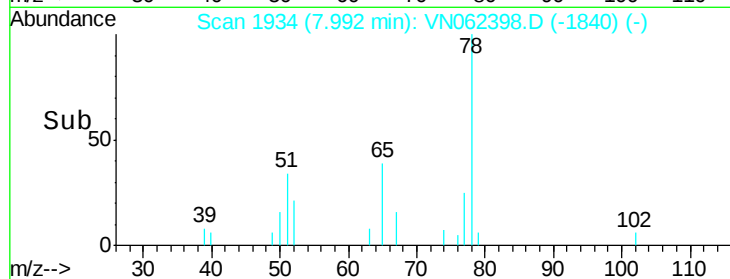
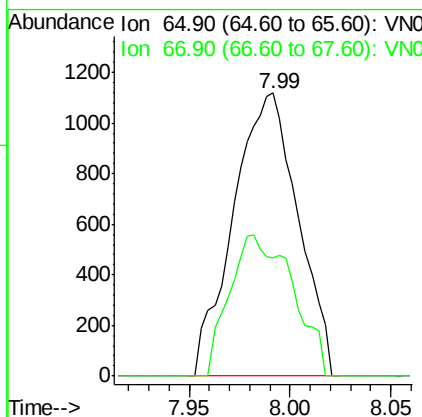
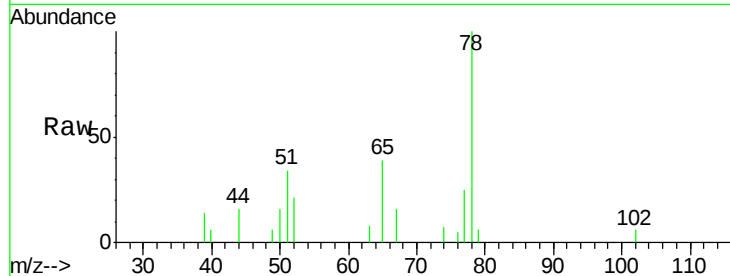




#33
 1,2-Dichloroethane-d4
 Concen: 0.784 ug/l
 RT: 7.99 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

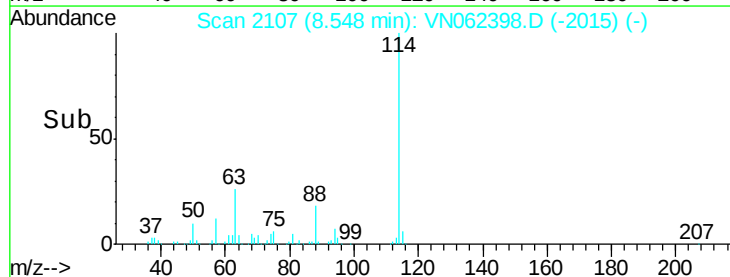
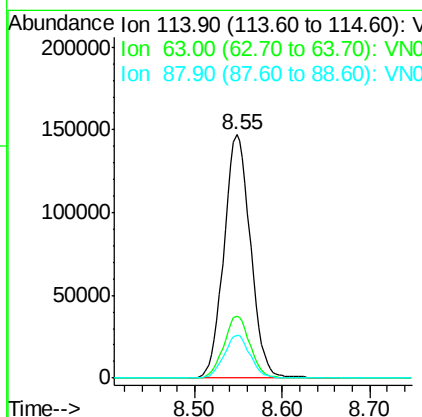
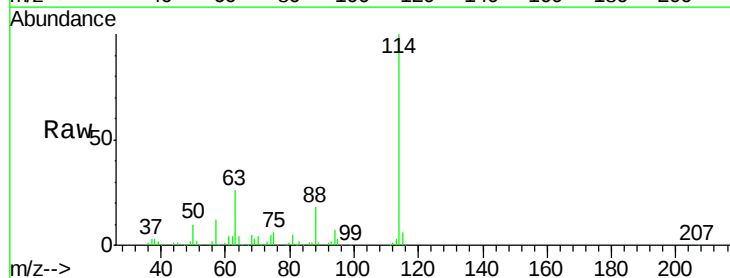
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

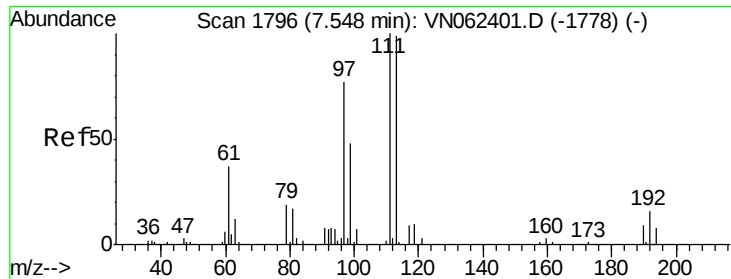
Tgt Ion: 65 Resp: 2495
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 114 Resp: 309874
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 48.4
 88 17.6 0.0 33.8

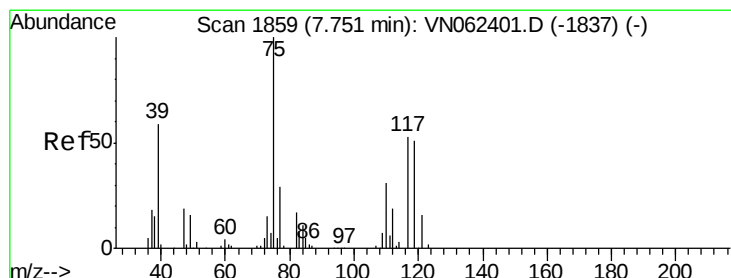
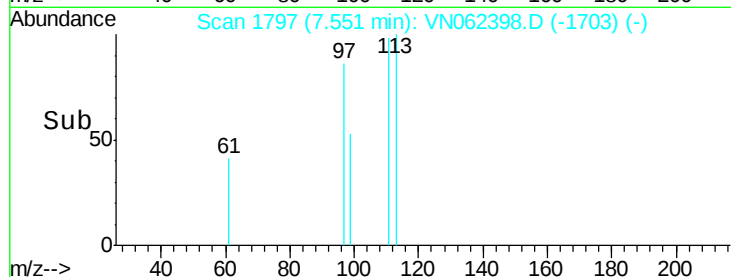
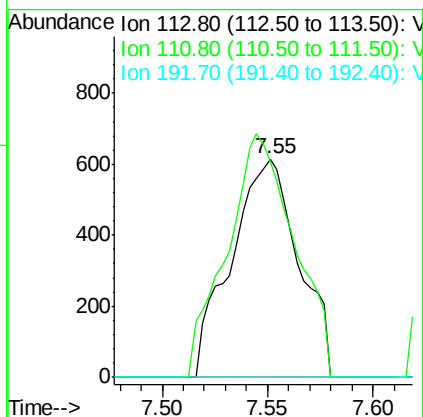
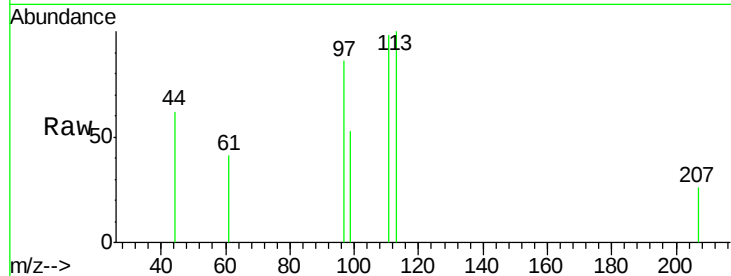




#35
 Dibromofluoromethane
 Concen: 0.659 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

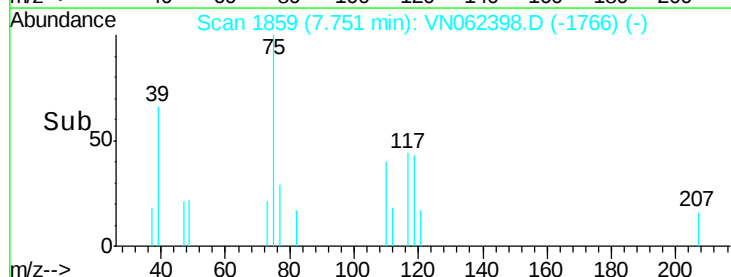
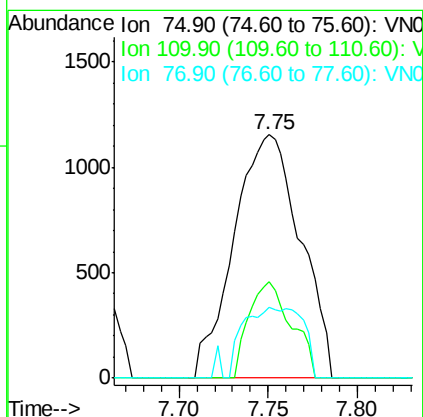
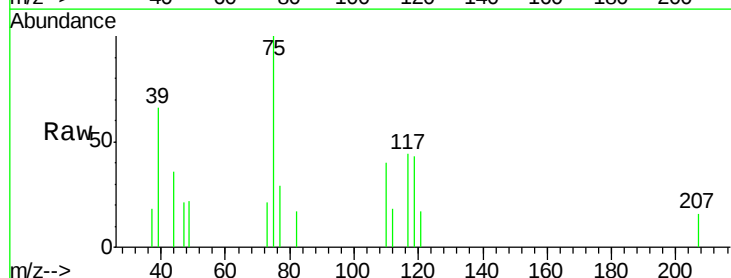
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

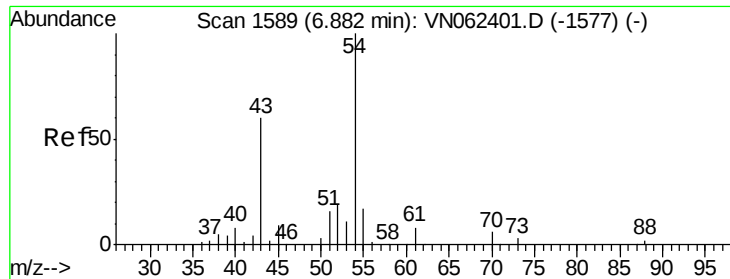
Tgt Ion: 113 Resp: 1366
 Ion Ratio Lower Upper
 113 100
 111 111.7 83.1 124.7
 192 0.0 14.1 21.1#



#36
 1,1-Dichloropropene
 Concen: 0.913 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 75 Resp: 2994
 Ion Ratio Lower Upper
 75 100
 110 25.5 15.4 46.2
 77 26.0 24.1 36.1

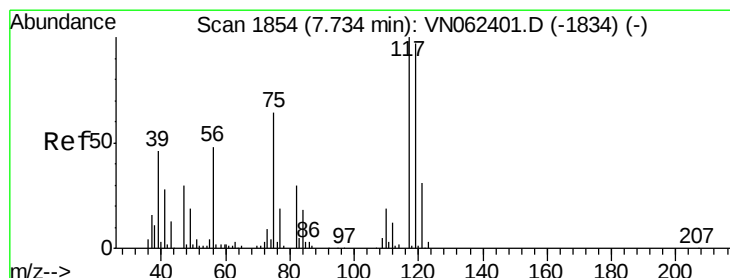
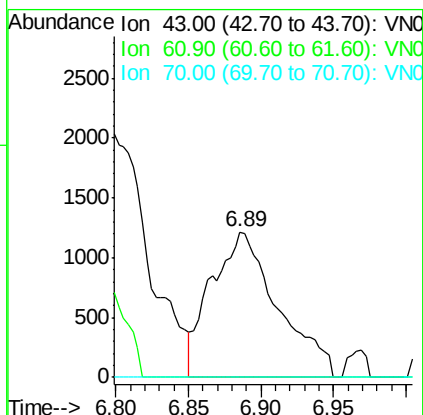
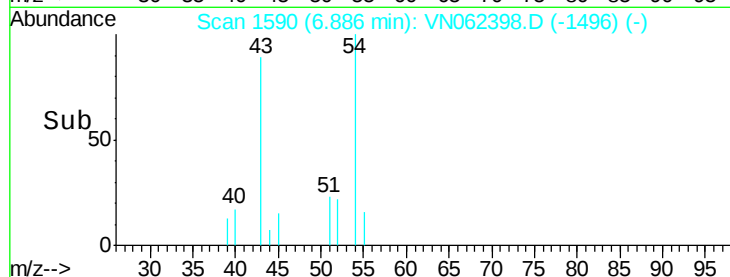
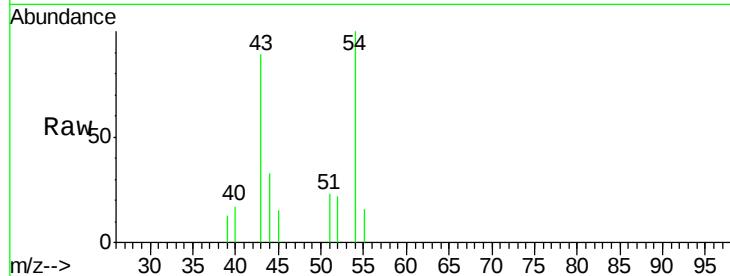




#37
 Ethyl Acetate
 Concen: 1.014 ug/l
 RT: 6.89 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

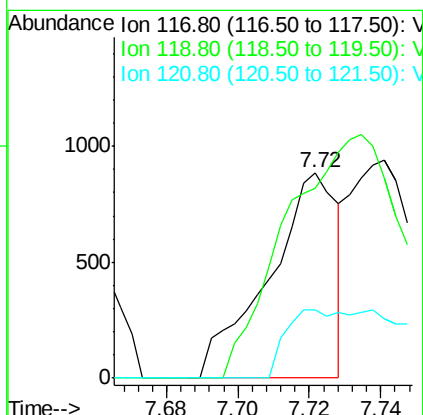
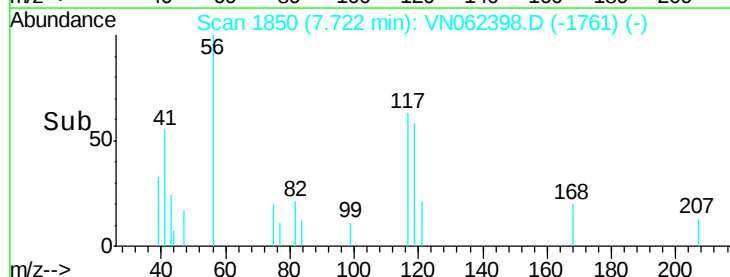
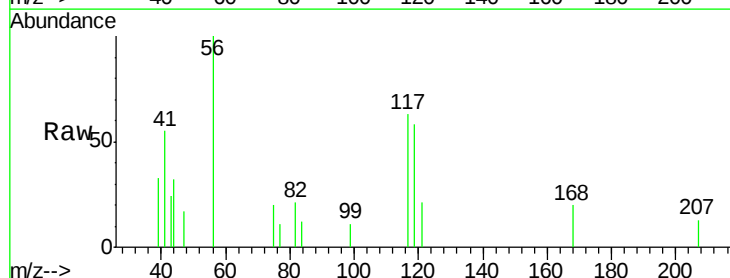
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

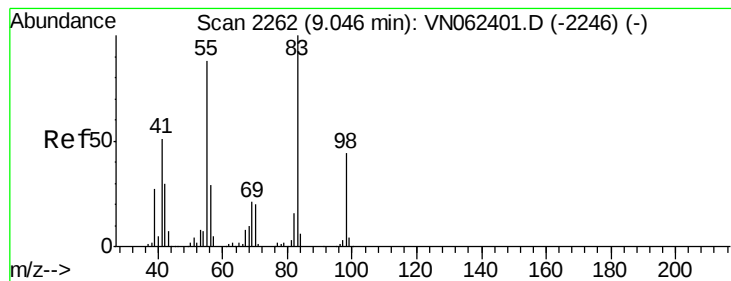
Tgt Ion: 43 Resp: 3873
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 7.2 10.8#



#38
 Carbon Tetrachloride
 Concen: 0.365 ug/l
 RT: 7.72 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 117 Resp: 1182
 Ion Ratio Lower Upper
 117 100
 119 92.3 77.2 115.8
 121 32.9 24.8 37.2





#39

Methylcyclohexane

Concen: 0.791 ug/l

RT: 9.05 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

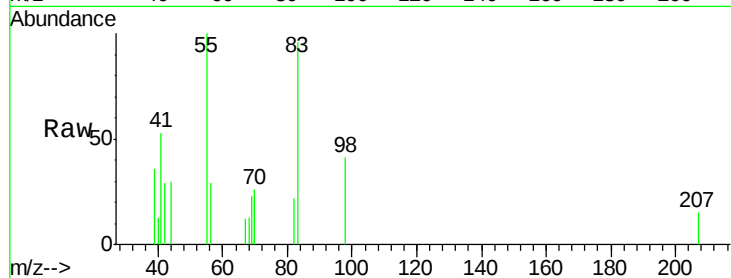
Tgt Ion: 83 Resp: 2793

Ion Ratio Lower Upper

83 100

55 104.5 70.5 105.7

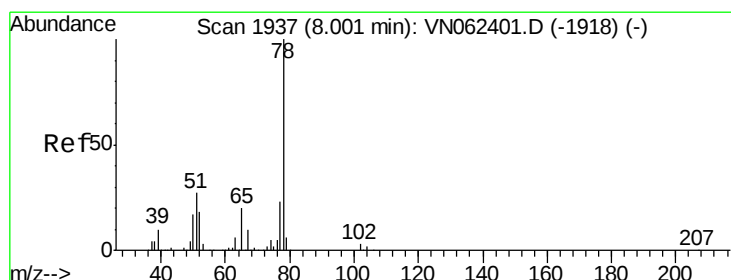
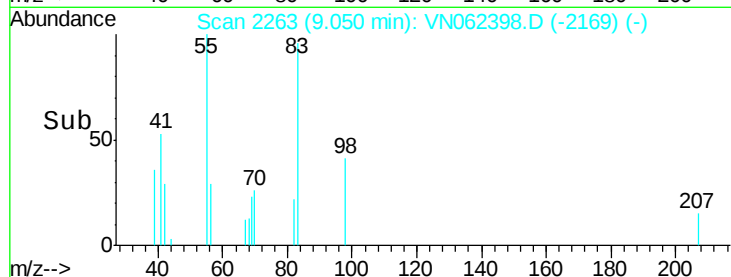
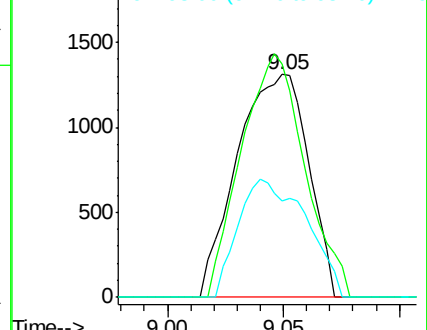
98 43.2 35.5 53.3



Abundance Ion 83.00 (82.70 to 83.70): VN062398.D (-2169) (-)

Ion 55.00 (54.70 to 55.70): VN062398.D (-2169) (-)

Ion 98.00 (97.70 to 98.70): VN062398.D (-2169) (-)



#40

Benzene

Concen: 0.889 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN062398.D

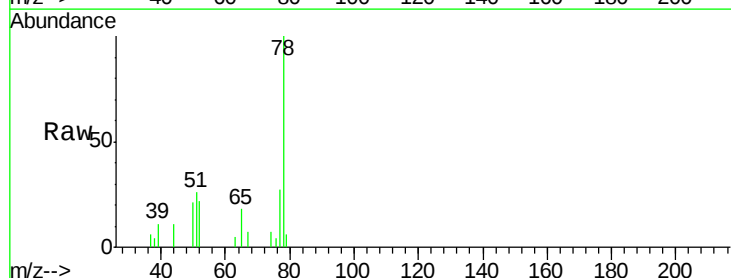
Acq: 8 Jul 2020 10:14

Tgt Ion: 78 Resp: 8295

Ion Ratio Lower Upper

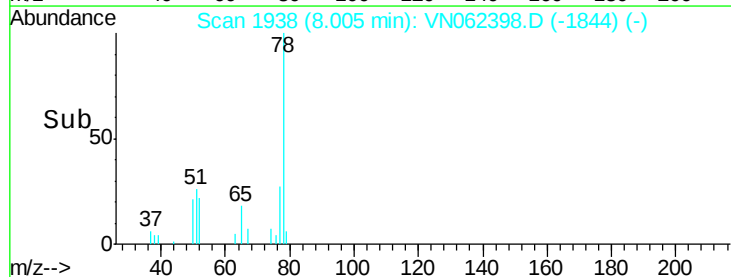
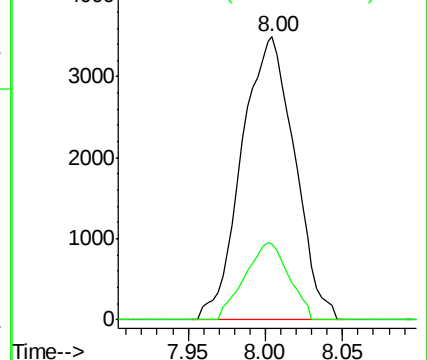
78 100

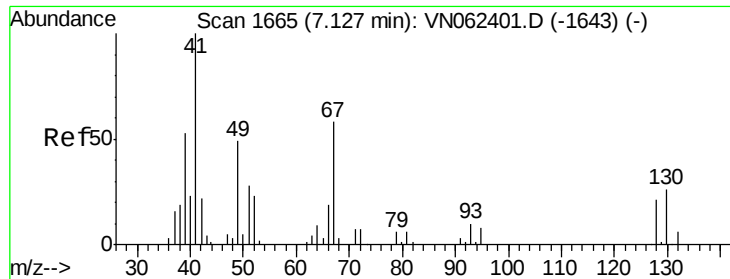
77 27.0 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN062398.D (-1844) (-)

Ion 77.00 (76.70 to 77.70): VN062398.D (-1844) (-)

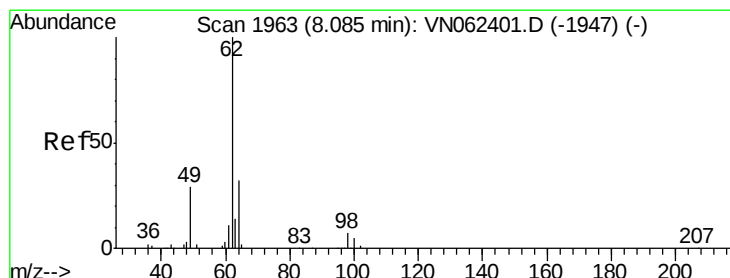
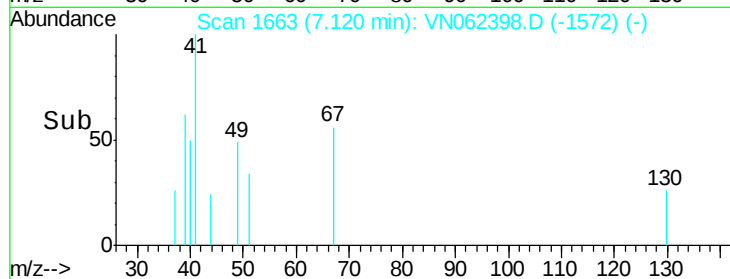
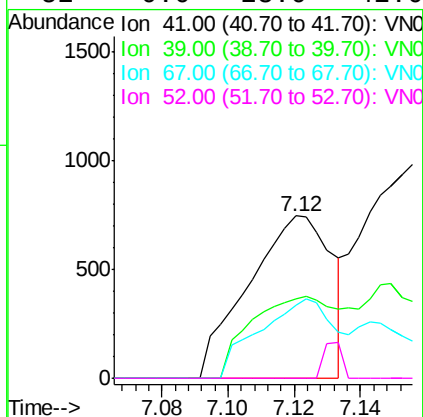
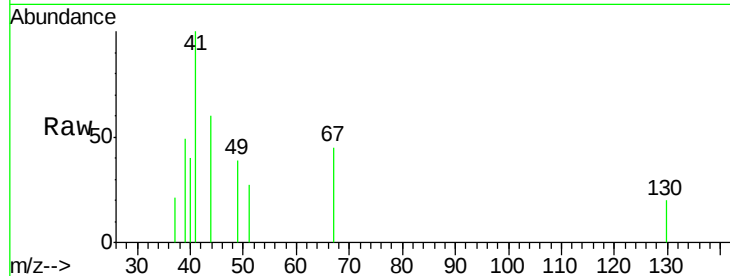




#41
Methacrylonitrile
Concen: 0.682 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

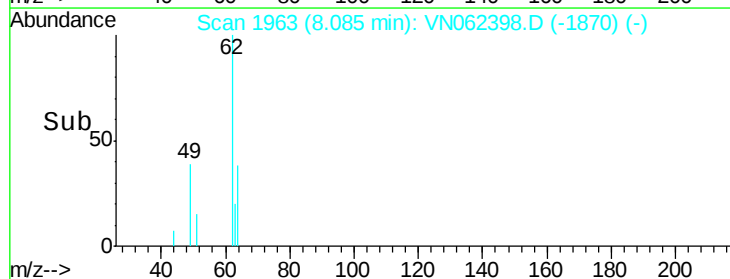
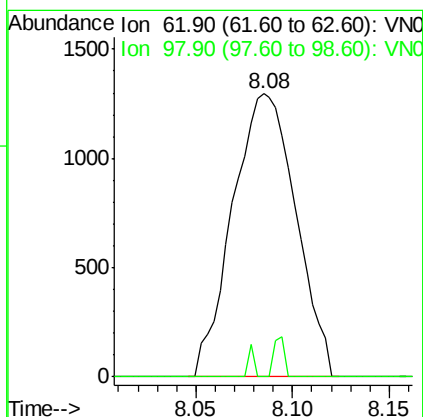
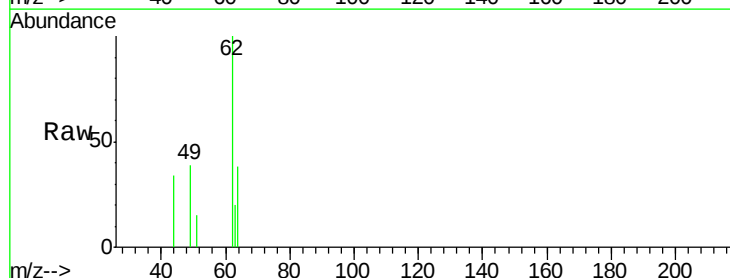
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

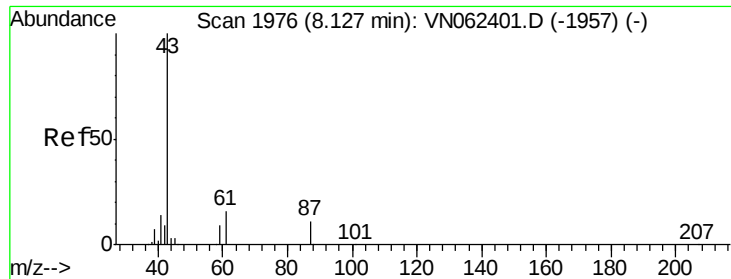
Tgt Ion:	41	Resp:	1298
Ion	Ratio	Lower	Upper
41	100		
39	50.5	50.2	75.2
67	45.3	64.2	96.2#
52	0.0	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 0.735 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion:	62	Resp:	2945
Ion	Ratio	Lower	Upper
62	100		
98	1.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 0.760 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

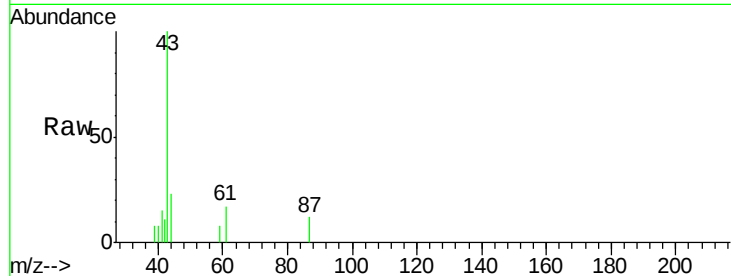
Tgt Ion: 43 Resp: 4849

Ion Ratio Lower Upper

43 100

61 16.2 19.3 28.9#

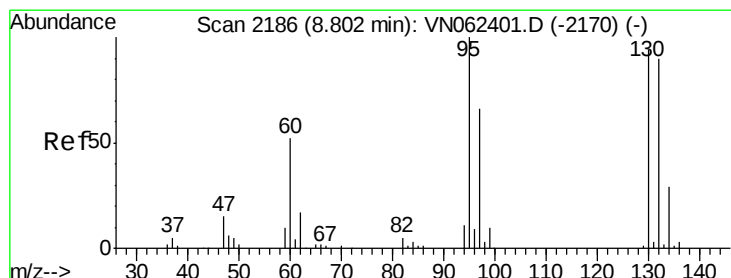
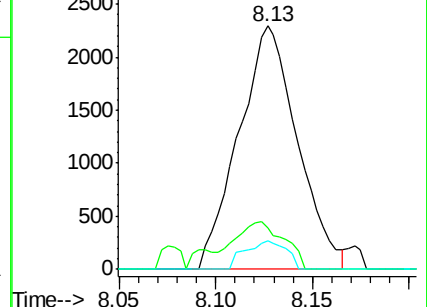
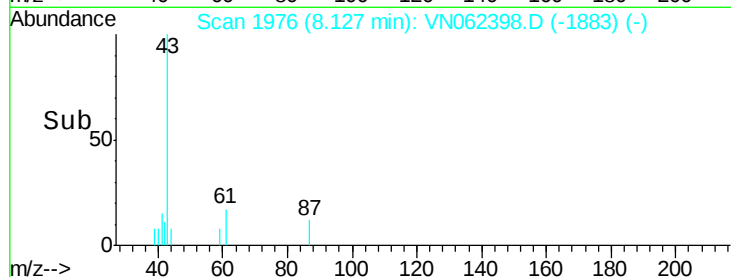
87 8.1 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062398.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062398.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062398.D (-1883) (-)



#44

Trichloroethene

Concen: 0.846 ug/l

RT: 8.80 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VN062398.D

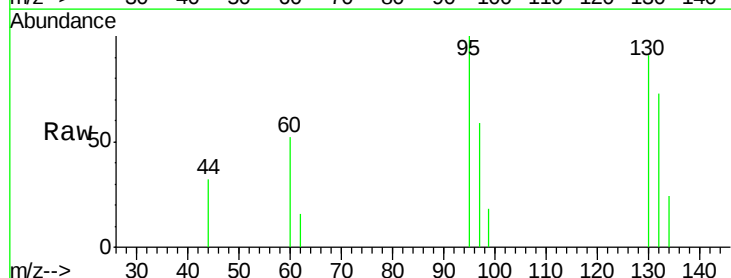
Acq: 8 Jul 2020 10:14

Tgt Ion: 130 Resp: 1874

Ion Ratio Lower Upper

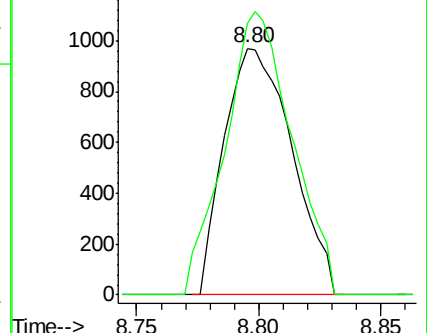
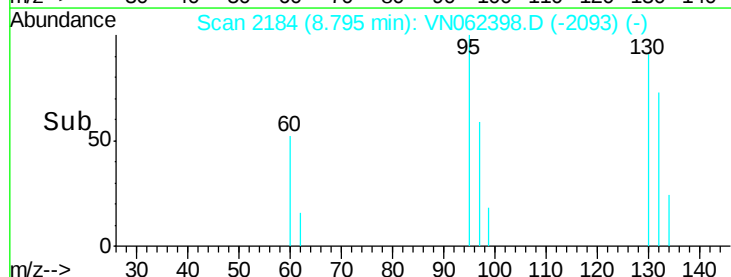
130 100

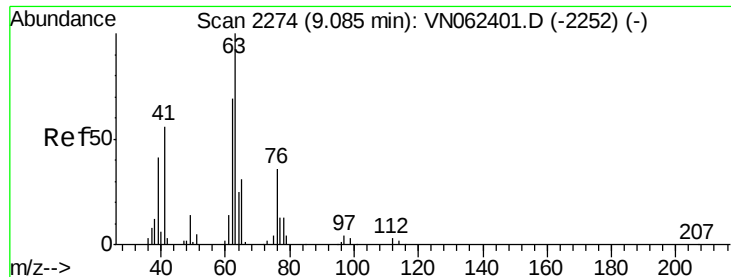
95 110.3 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062398.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062398.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 0.873 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

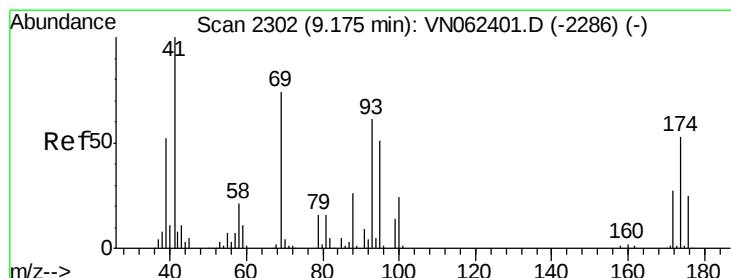
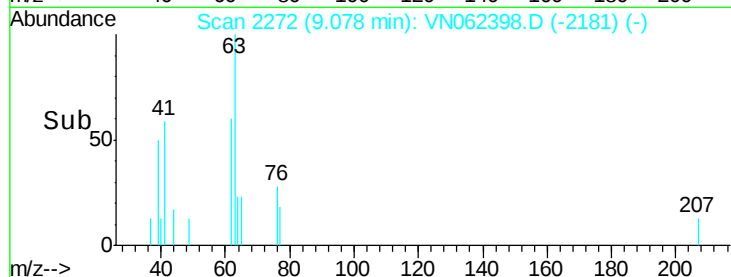
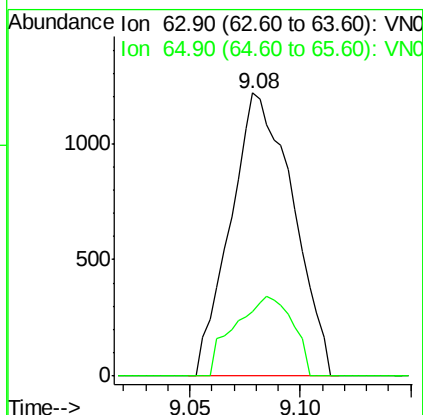
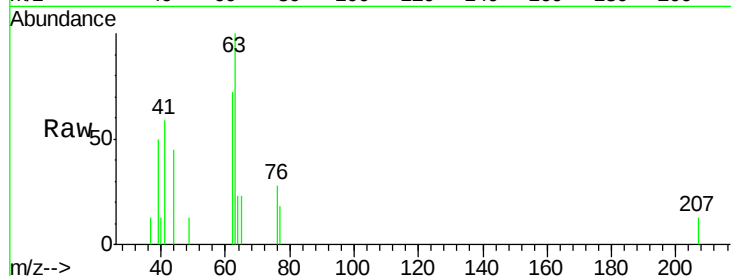
VSTDIC001

Tgt Ion: 63 Resp: 2390

Ion Ratio Lower Upper

63 100

65 22.7 24.6 36.8#



#46

Dibromomethane

Concen: 0.785 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

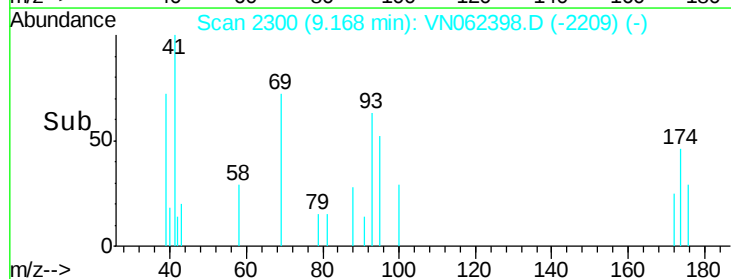
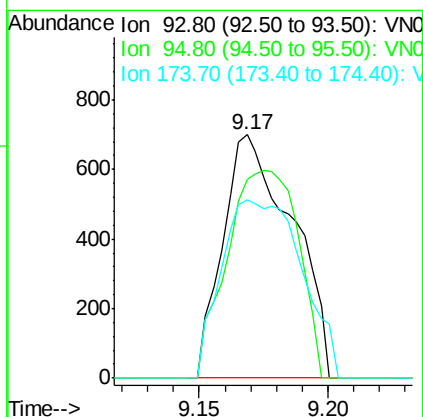
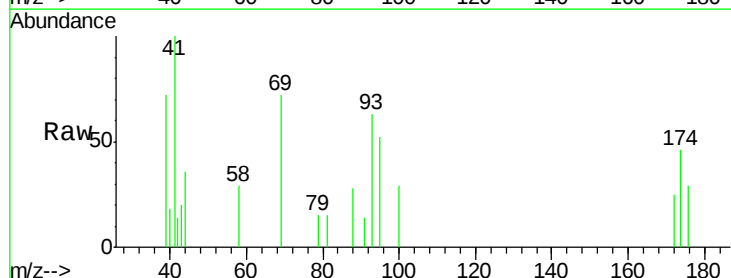
Tgt Ion: 93 Resp: 1311

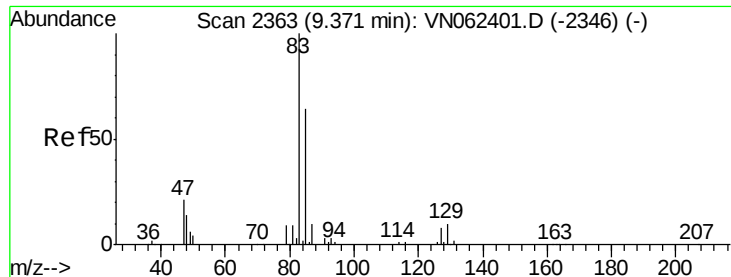
Ion Ratio Lower Upper

93 100

95 87.6 67.1 100.7

174 84.7 70.4 105.6

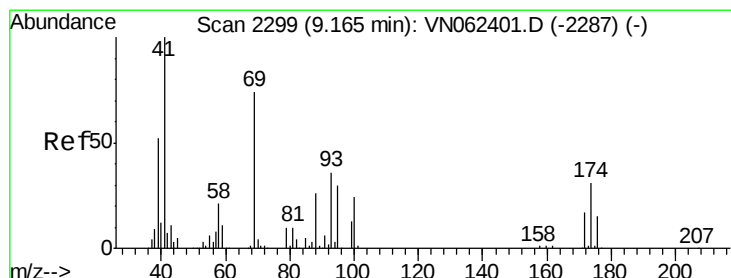
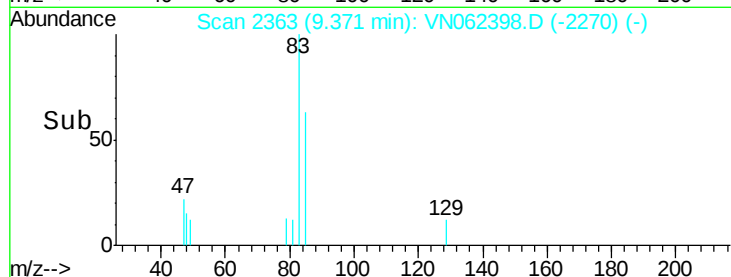
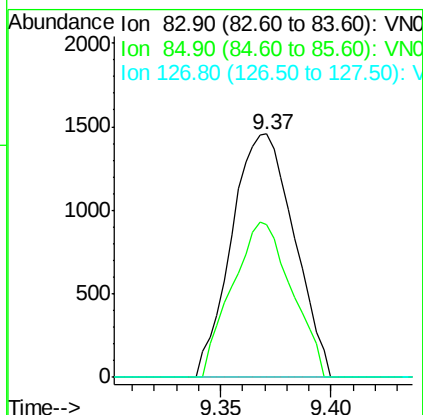
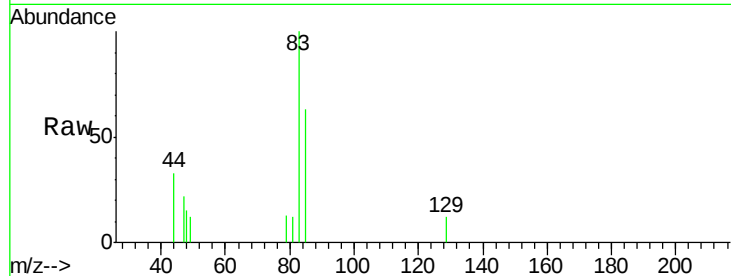




#47
Bromodichloromethane
Concen: 0.803 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

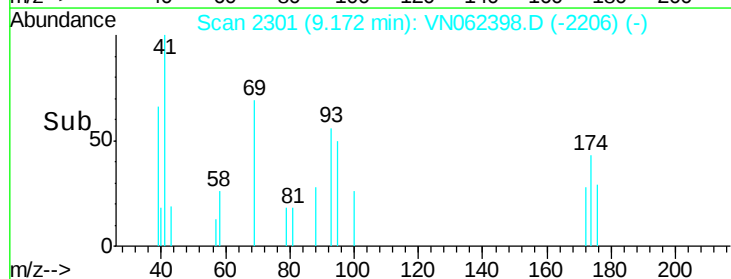
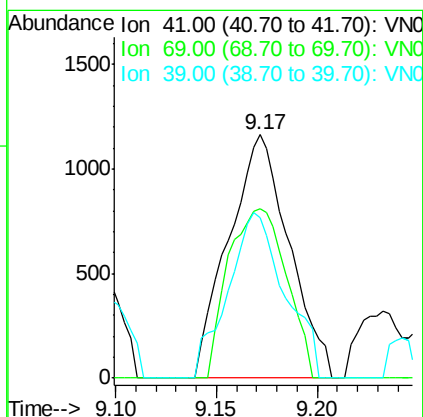
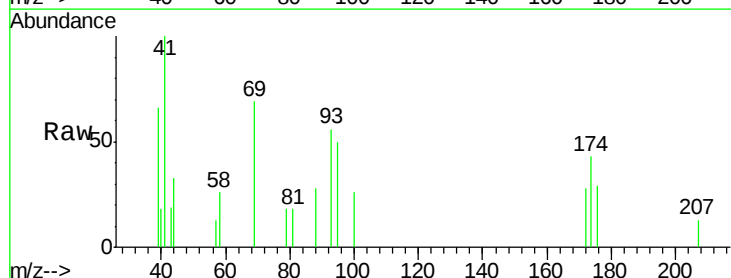
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

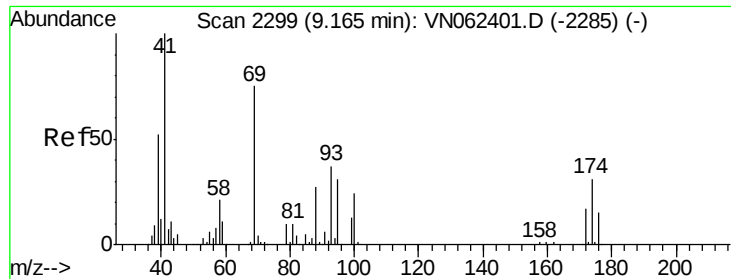
Tgt Ion: 83 Resp: 2863
Ion Ratio Lower Upper
83 100
85 62.9 51.2 76.8
127 0.0 6.2 9.2#



#48
Methyl methacrylate
Concen: 0.751 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion: 41 Resp: 2433
Ion Ratio Lower Upper
41 100
69 67.2 60.8 91.2
39 63.7 43.5 65.3

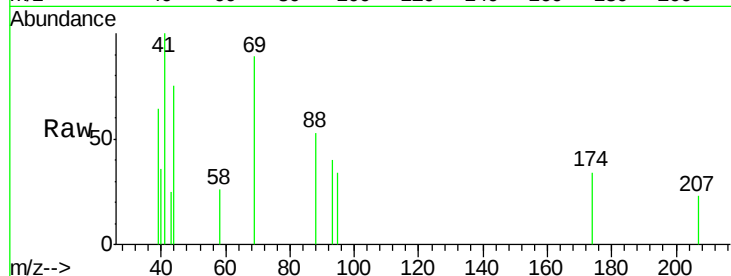




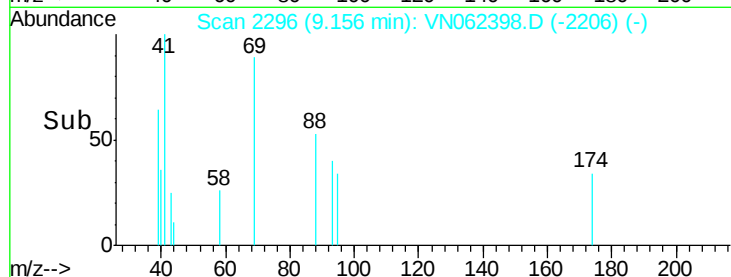
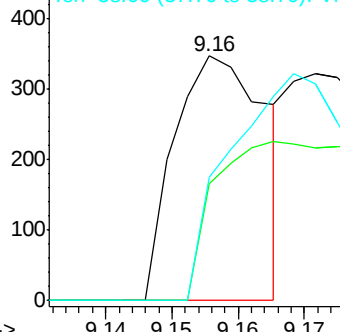
#49
1,4-Dioxane
Concen: 7.498 ug/l
RT: 9.16 min Scan# 2296
Delta R.T. -0.01 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

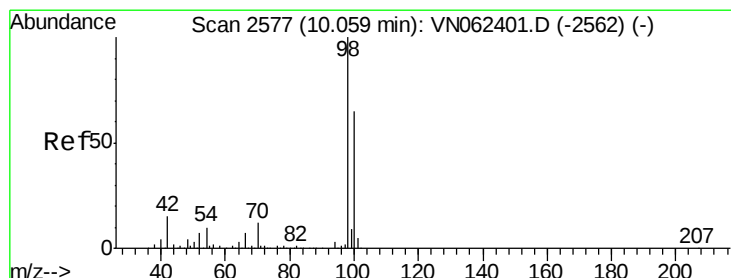
Tgt Ion: 88 Resp: 334
Ion Ratio Lower Upper
88 100
43 118.6 31.0 46.4#
58 148.5 63.3 94.9#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

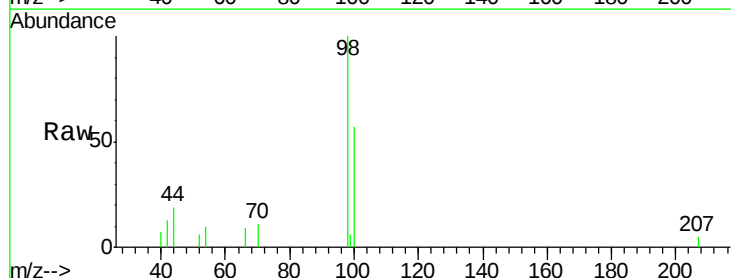


Time-->

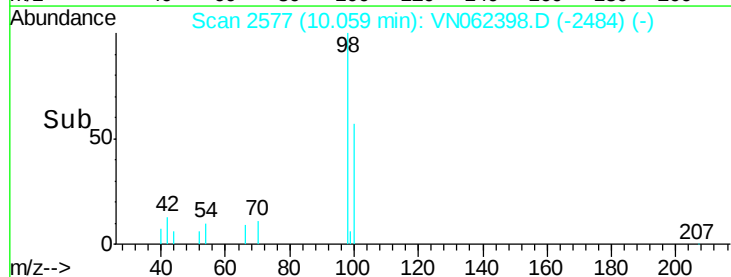
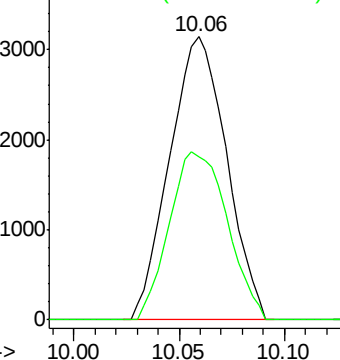


#50
Toluene-d8
Concen: 0.758 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion: 98 Resp: 5900
Ion Ratio Lower Upper
98 100
100 60.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



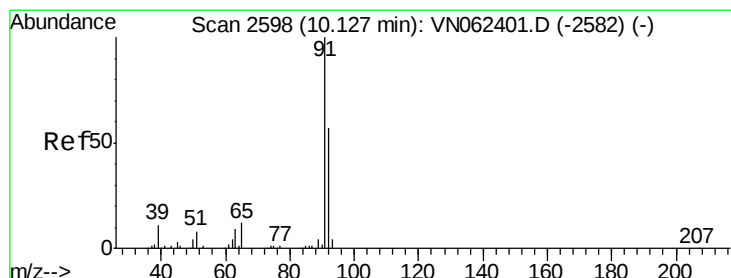
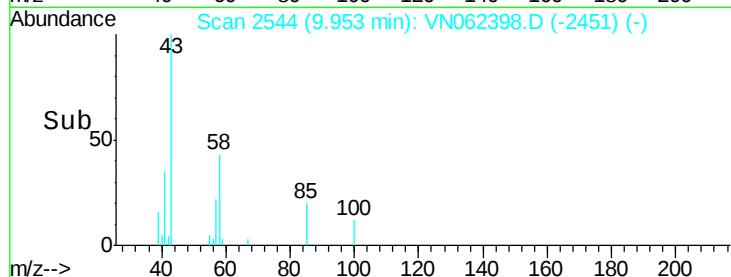
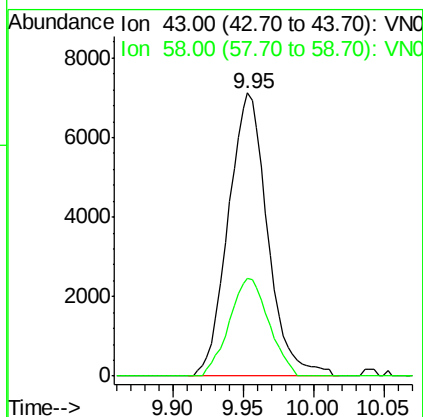
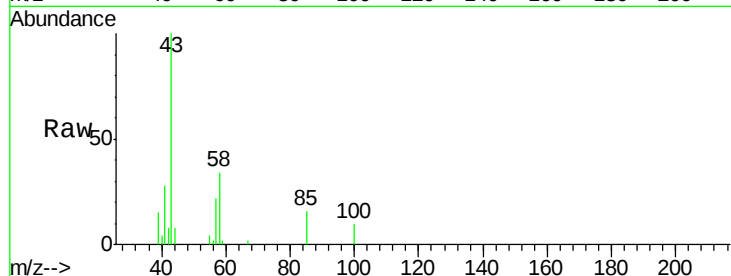
Time-->



#51
 4-Methyl-2-Pentanone
 Concen: 4.028 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

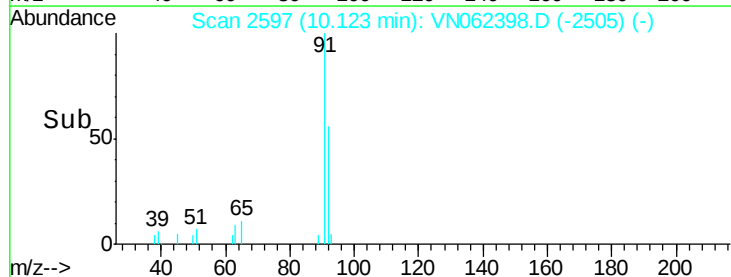
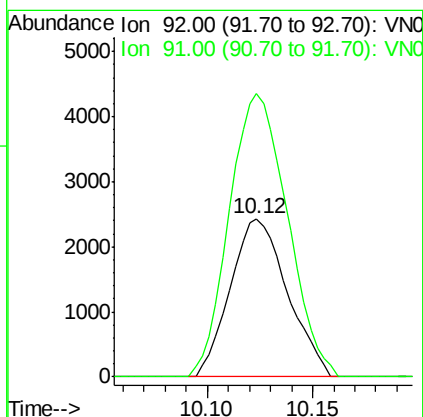
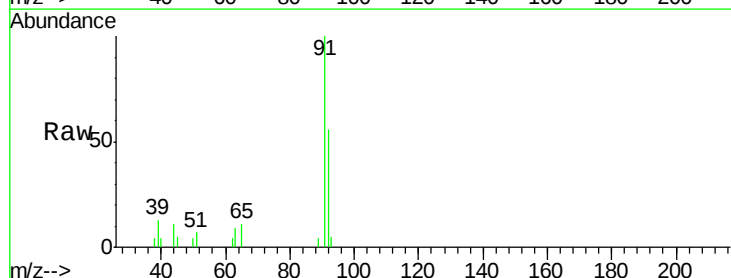
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

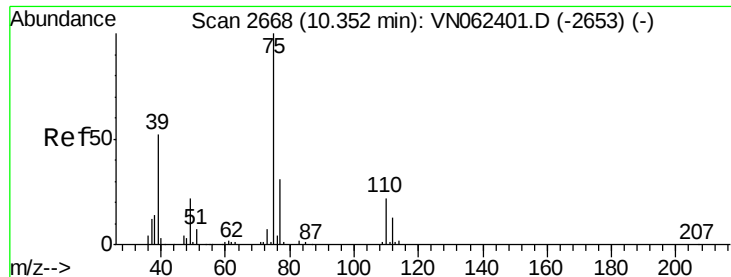
Tgt Ion: 43 Resp: 13857
 Ion Ratio Lower Upper
 43 100
 58 34.6 29.0 43.6



#52
 Toluene
 Concen: 0.826 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 92 Resp: 4569
 Ion Ratio Lower Upper
 92 100
 91 181.9 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 0.765 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

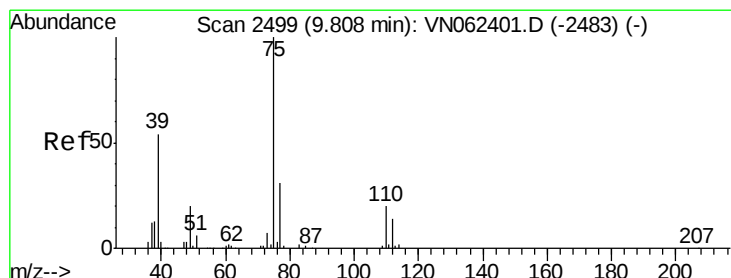
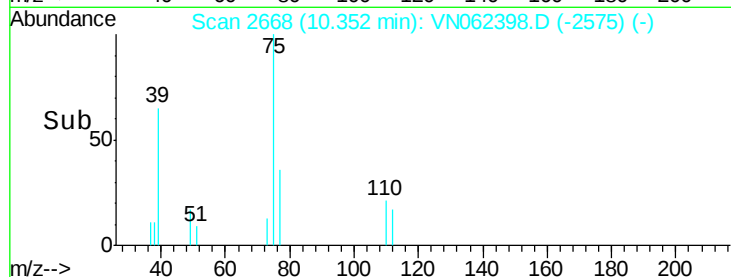
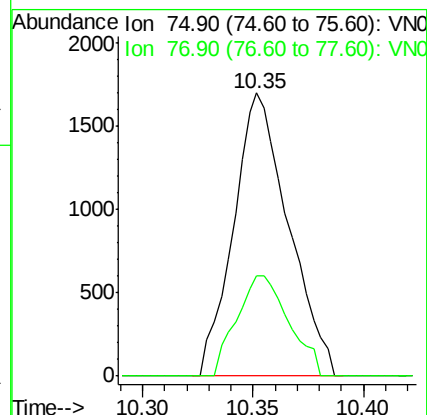
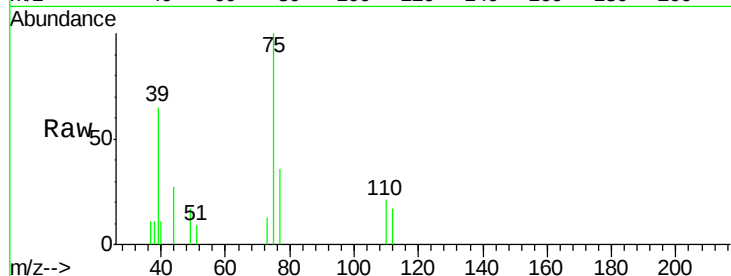
VSTDIC001

Tgt Ion: 75 Resp: 2935

Ion Ratio Lower Upper

75 100

77 35.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 0.874 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

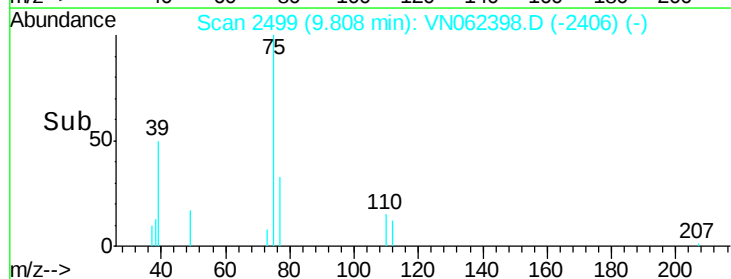
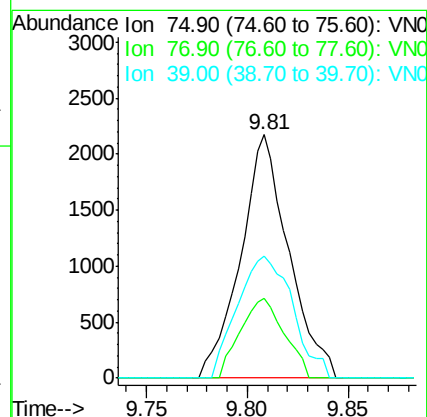
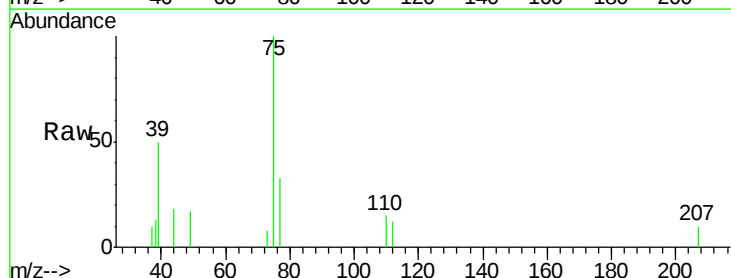
Tgt Ion: 75 Resp: 3610

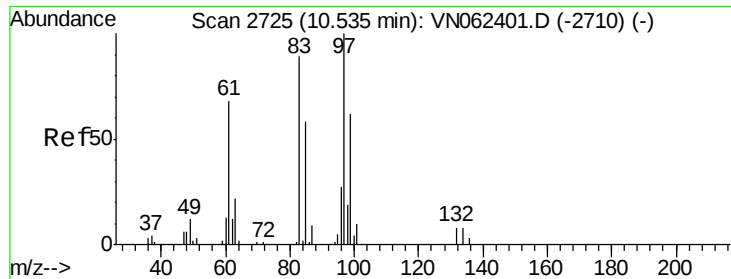
Ion Ratio Lower Upper

75 100

77 32.7 24.5 36.7

39 50.2 43.4 65.0

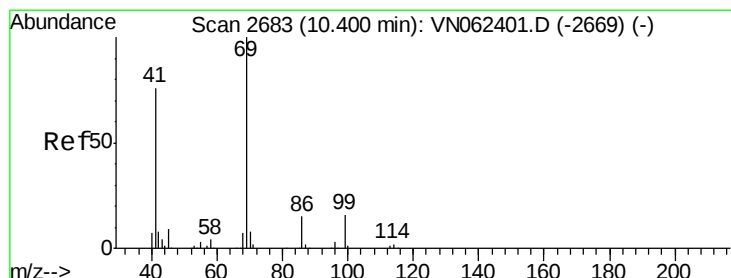
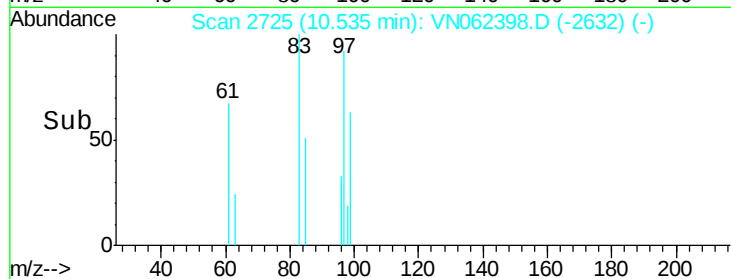
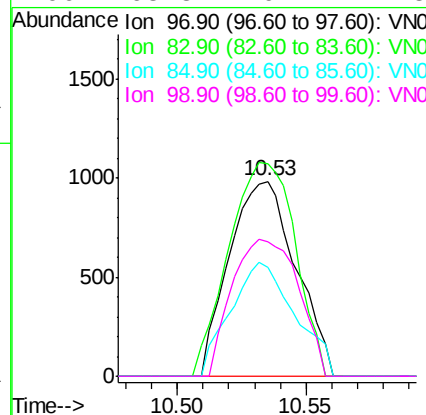
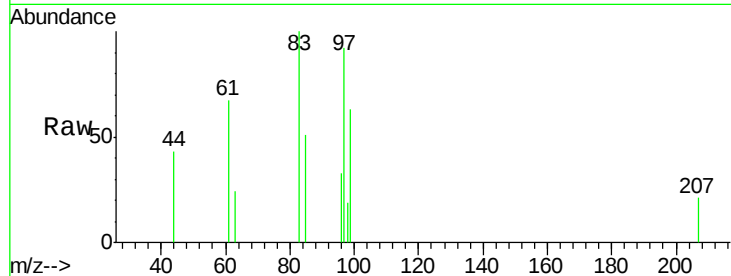




#55
 1,1,2-Trichloroethane
 Concen: 0.793 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

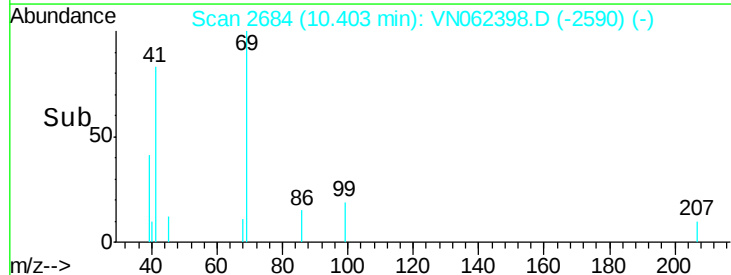
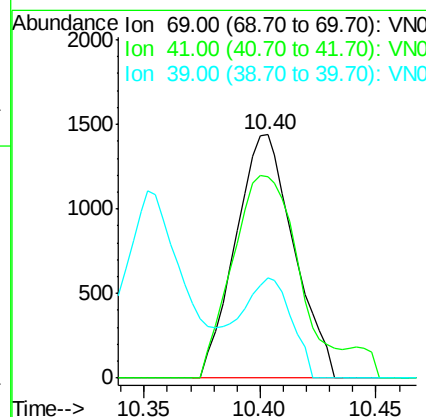
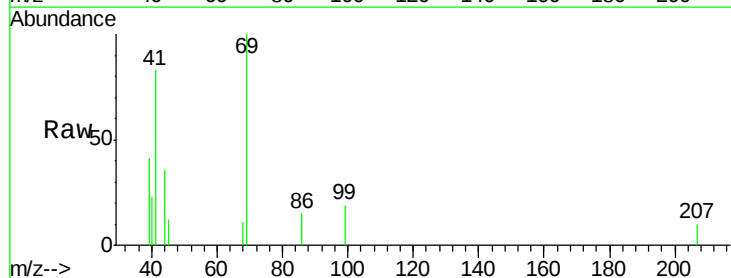
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

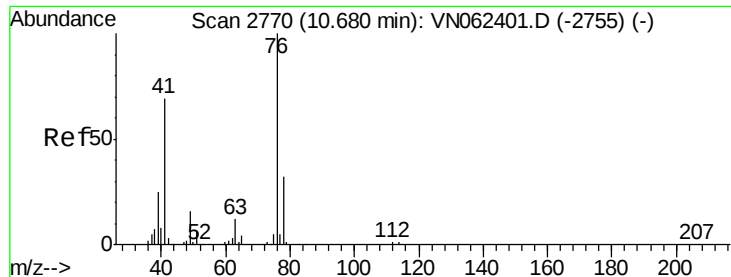
Tgt Ion: 97 Resp: 1769
 Ion Ratio Lower Upper
 97 100
 83 109.1 71.0 106.4#
 85 56.0 46.2 69.4
 99 68.8 49.7 74.5



#56
 Ethyl methacrylate
 Concen: 0.696 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 69 Resp: 2506
 Ion Ratio Lower Upper
 69 100
 41 94.7 59.7 89.5#
 39 33.2 30.6 45.8

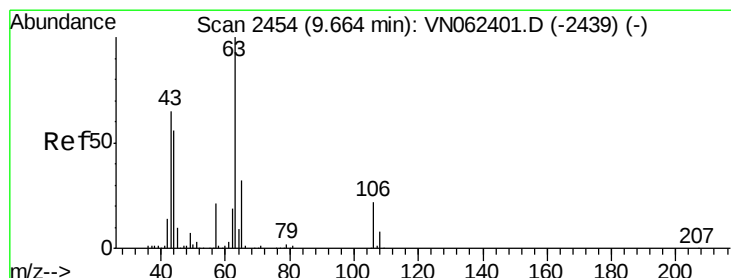
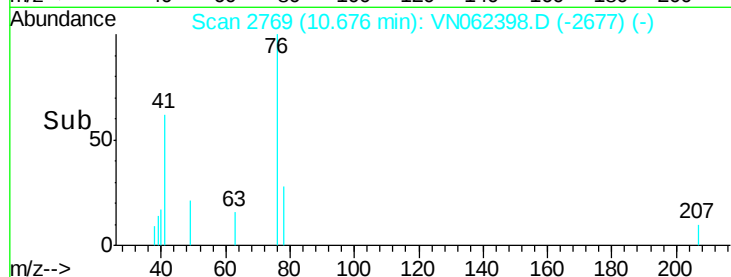
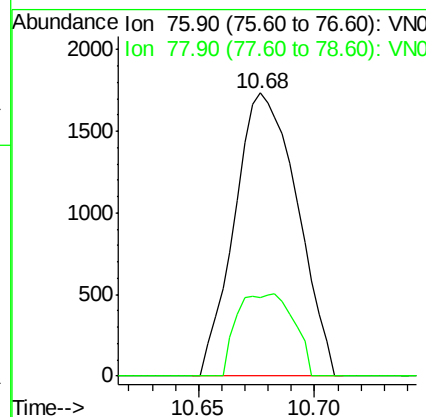
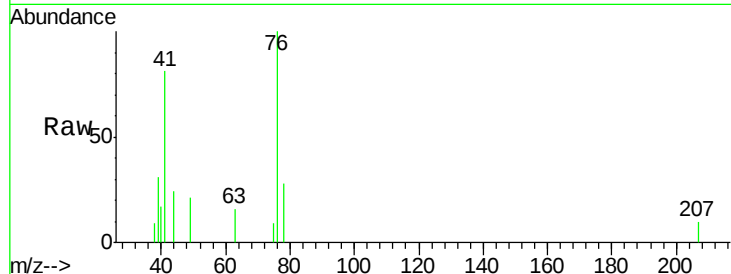




#57
 1,3-Dichloropropane
 Concen: 0.789 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

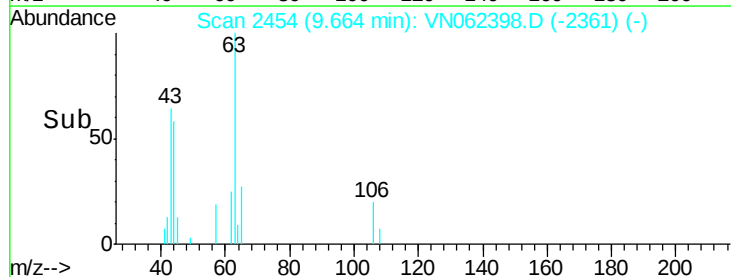
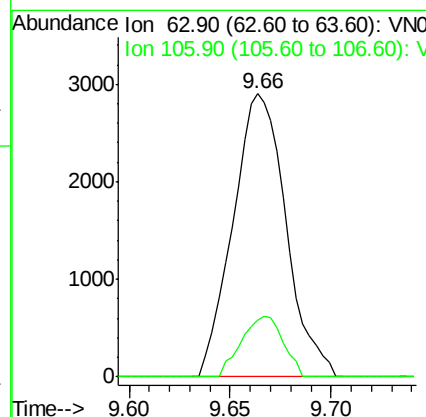
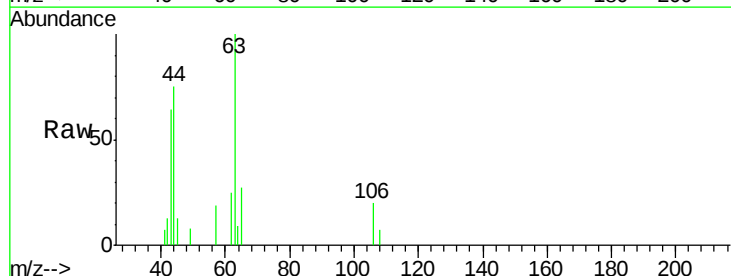
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

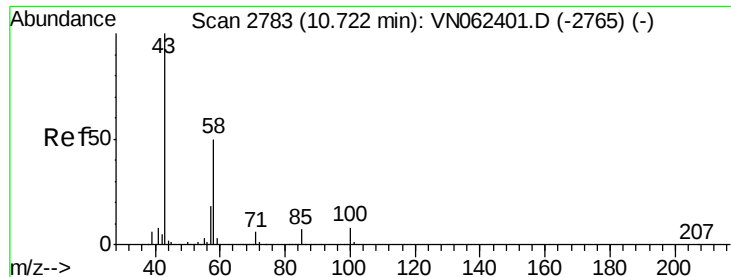
Tgt Ion: 76 Resp: 3256
 Ion Ratio Lower Upper
 76 100
 78 26.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.177 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 63 Resp: 5320
 Ion Ratio Lower Upper
 63 100
 106 17.0 17.6 26.4#

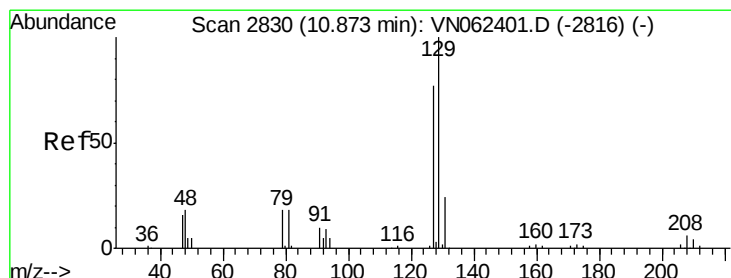
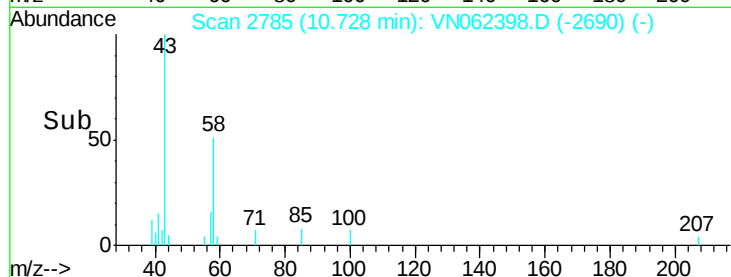
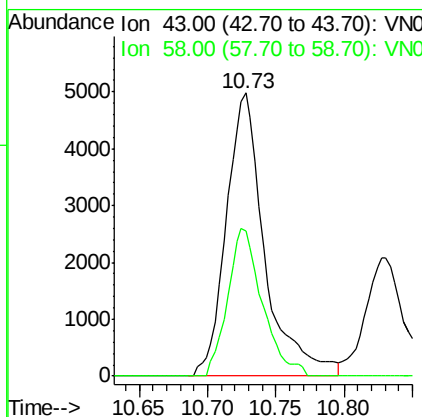
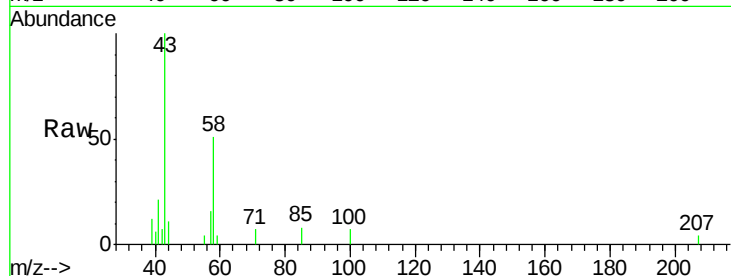




#59
2-Hexanone
Concen: 3.786 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

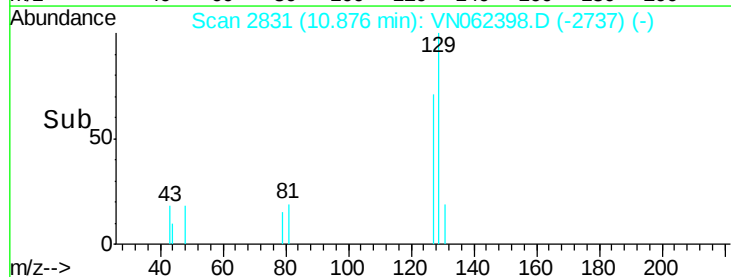
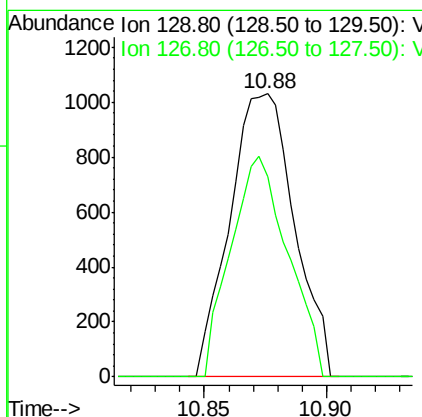
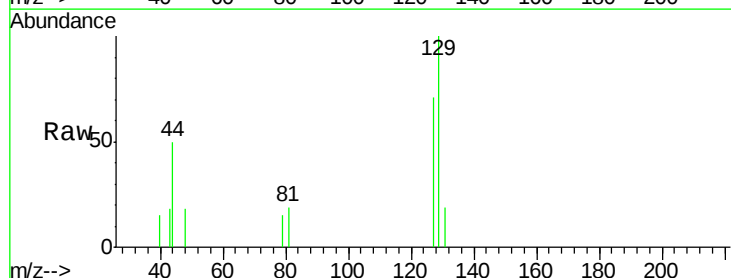
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

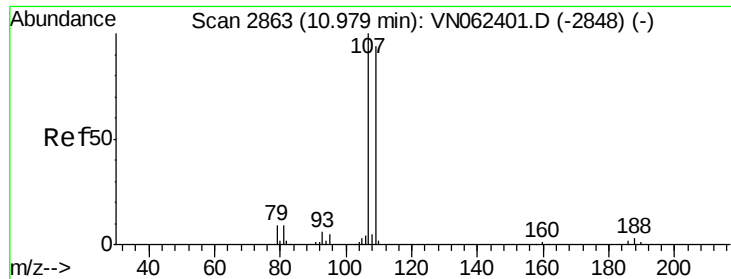
Tgt Ion: 43 Resp: 9778
Ion Ratio Lower Upper
43 100
58 47.0 25.1 75.2



#60
Dibromochloromethane
Concen: 0.755 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion: 129 Resp: 1896
Ion Ratio Lower Upper
129 100
127 69.0 38.6 115.8

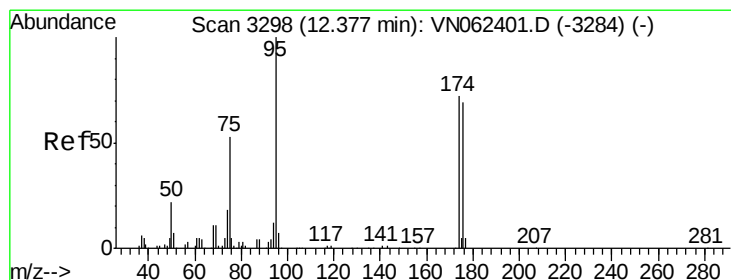
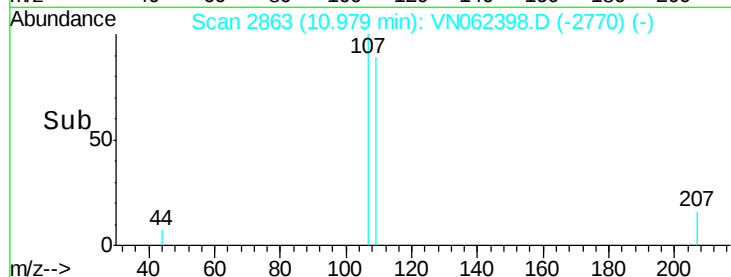
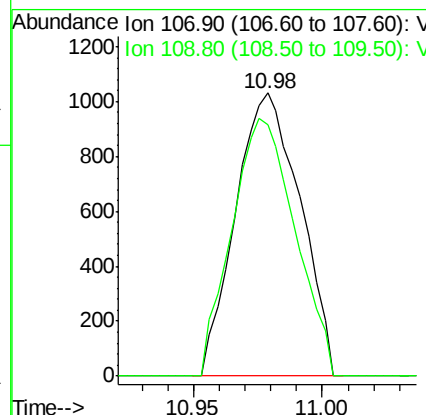
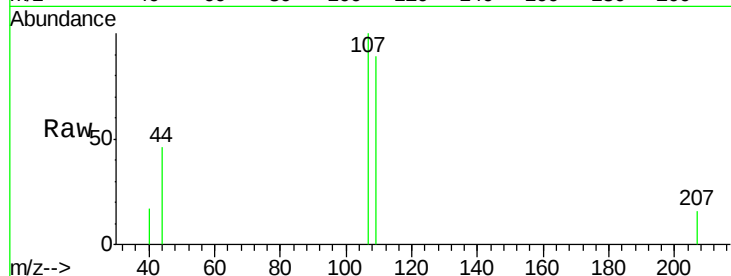




#61
 1,2-Dibromoethane
 Concen: 0.789 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

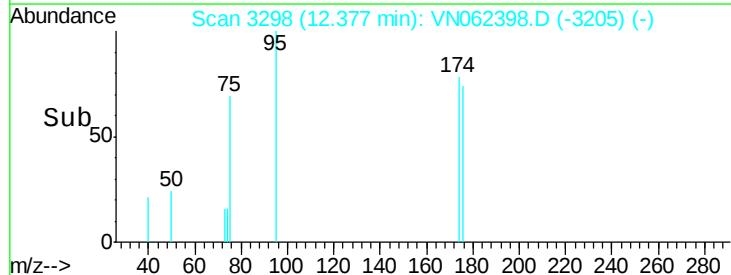
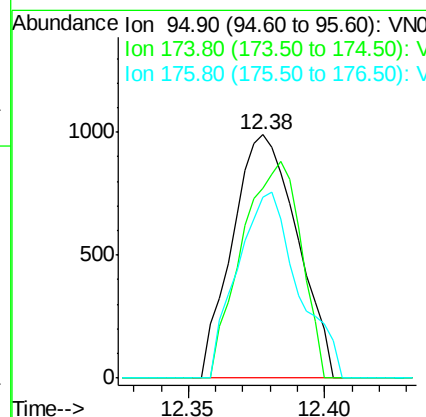
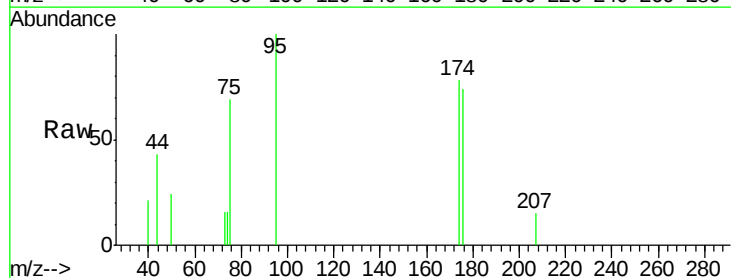
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

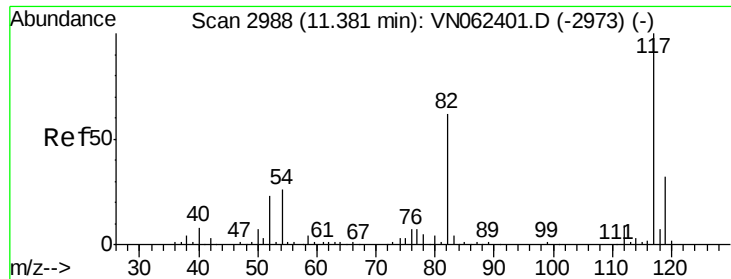
Tgt Ion: 107 Resp: 1797
 Ion Ratio Lower Upper
 107 100
 109 89.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 0.549 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion: 95 Resp: 1627
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 141.6
 176 71.9 0.0 137.2

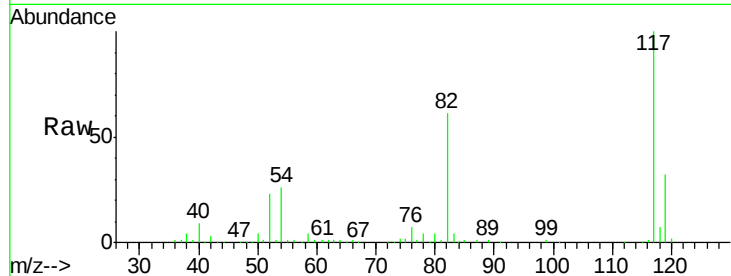




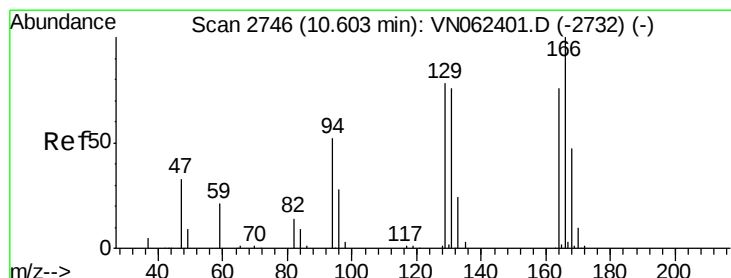
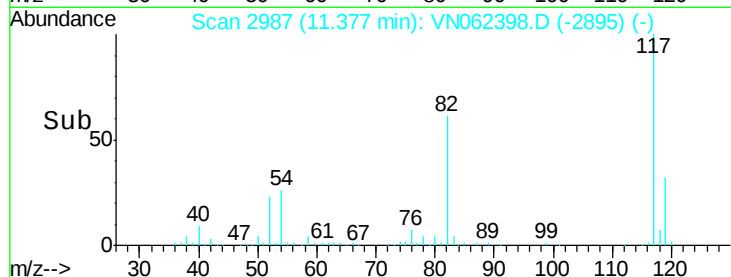
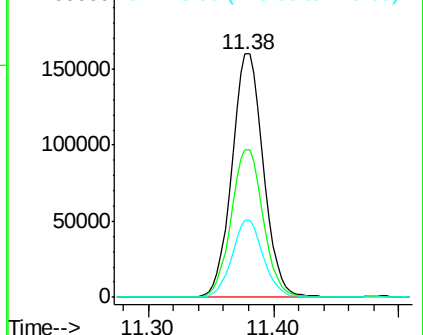
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 278839
Ion Ratio Lower Upper
117 100
82 60.8 49.6 74.4
119 31.7 25.4 38.0



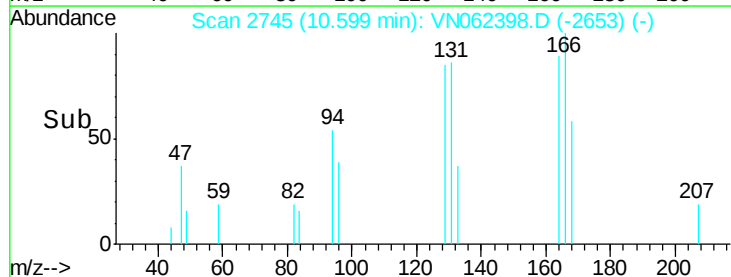
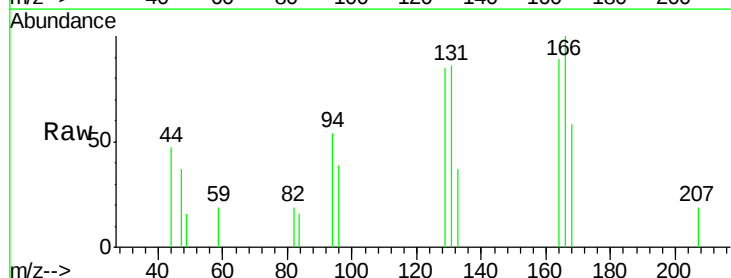
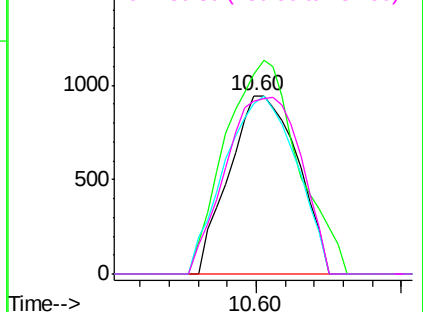
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

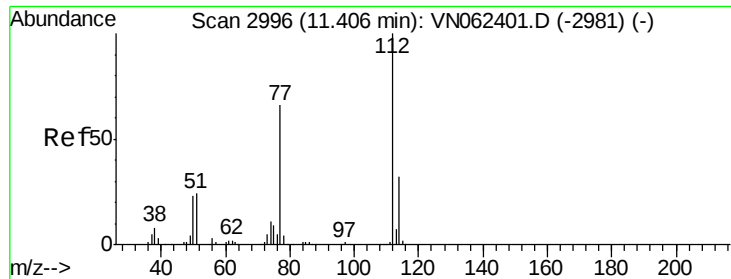


#64
Tetrachloroethene
Concen: 0.860 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion:164 Resp: 1547
Ion Ratio Lower Upper
164 100
166 112.4 104.9 157.3
129 95.7 81.8 122.6
131 97.1 79.3 118.9

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

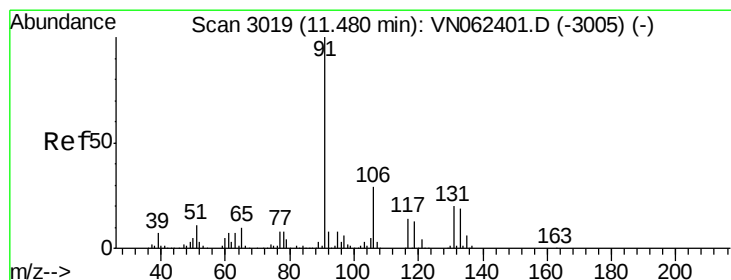
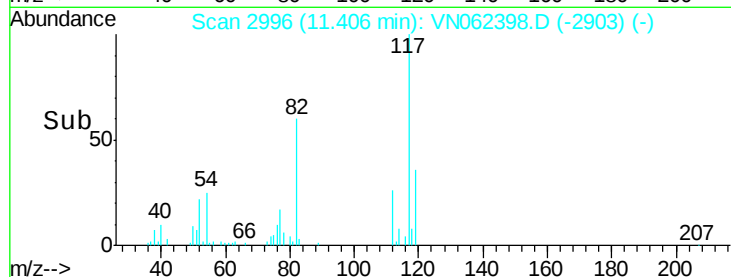
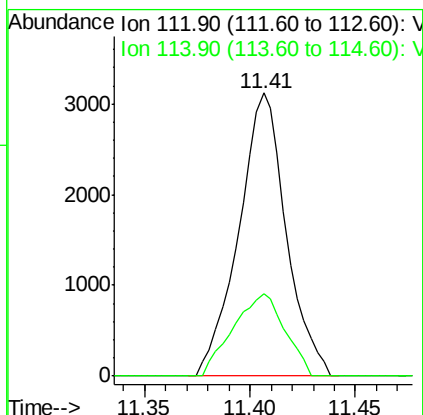
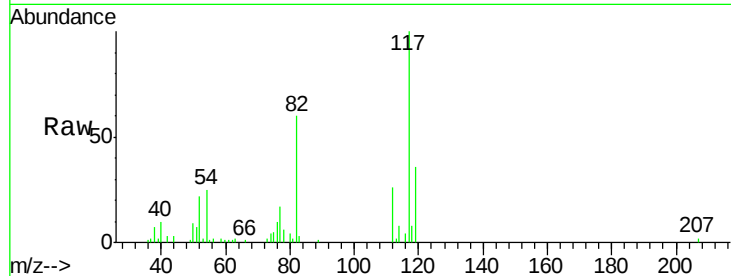




#65
Chlorobenzene
Concen: 0.851 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

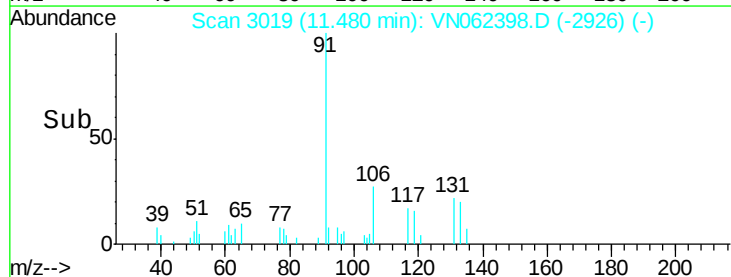
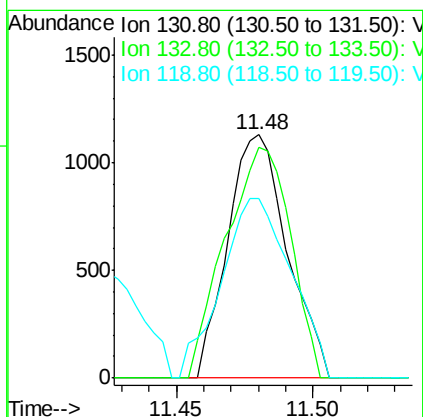
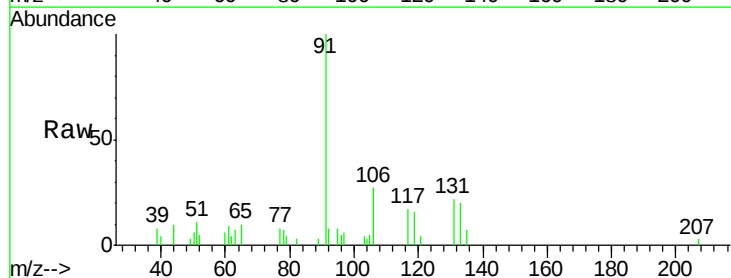
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

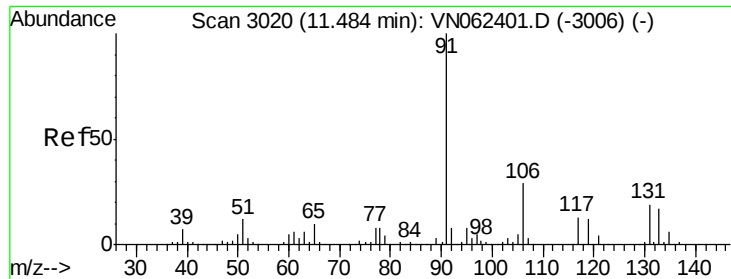
Tgt Ion:112 Resp: 4888
Ion Ratio Lower Upper
112 100
114 29.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.796 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion:131 Resp: 1715
Ion Ratio Lower Upper
131 100
133 103.3 46.9 140.8
119 0.0 33.2 99.6#

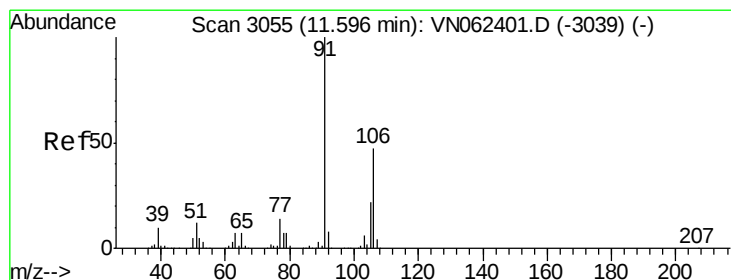
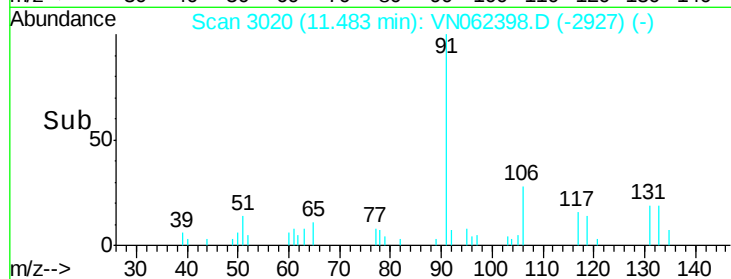
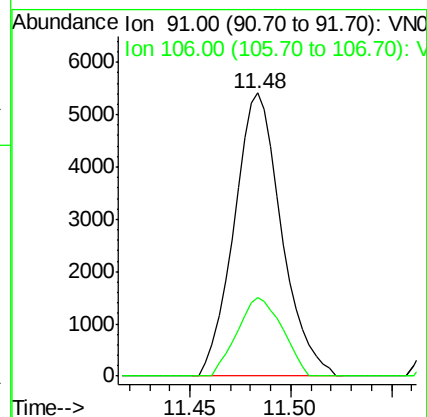
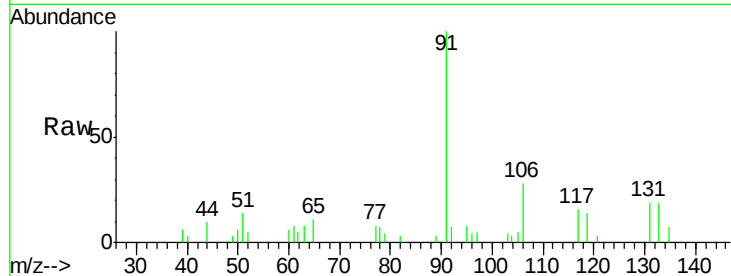




#67
Ethyl Benzene
Concen: 0.873 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

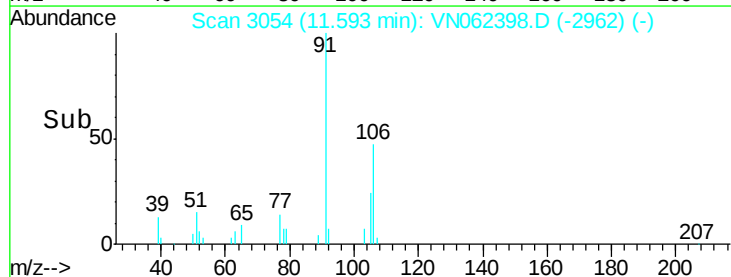
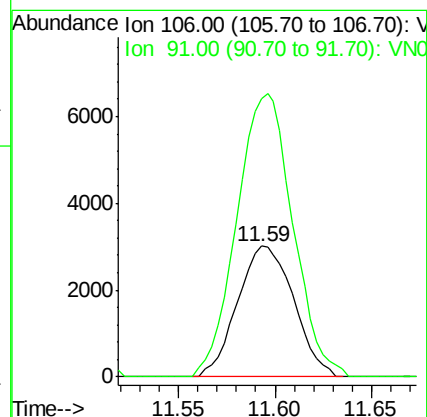
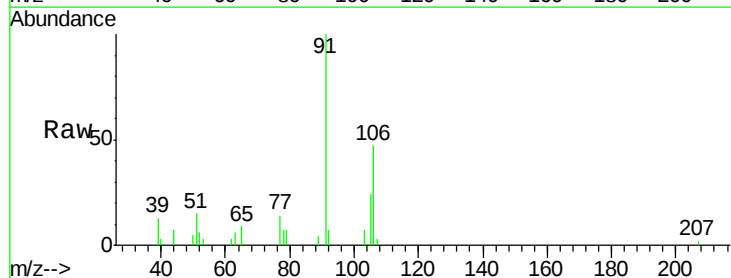
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

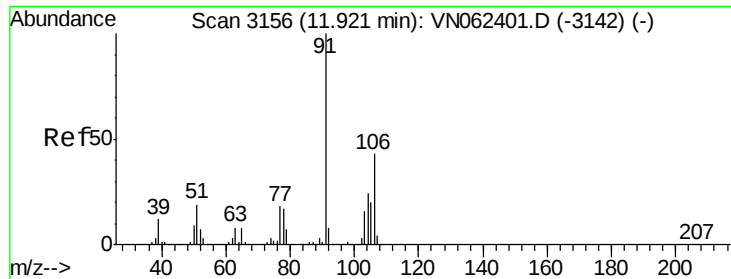
Tgt Ion: 91 Resp: 8875
Ion Ratio Lower Upper
91 100
106 28.0 23.4 35.2



#68
m/p-Xylenes
Concen: 1.641 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion: 106 Resp: 6099
Ion Ratio Lower Upper
106 100
91 215.5 172.4 258.6

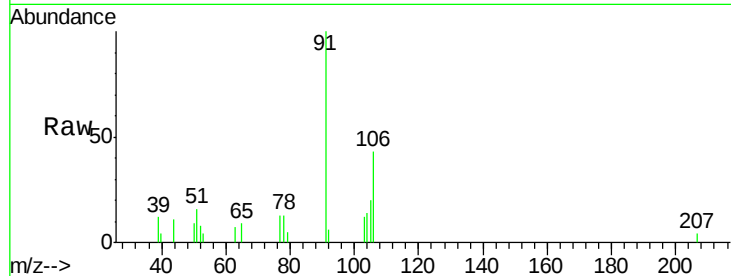




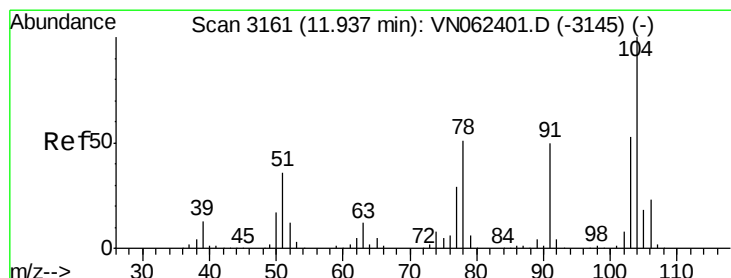
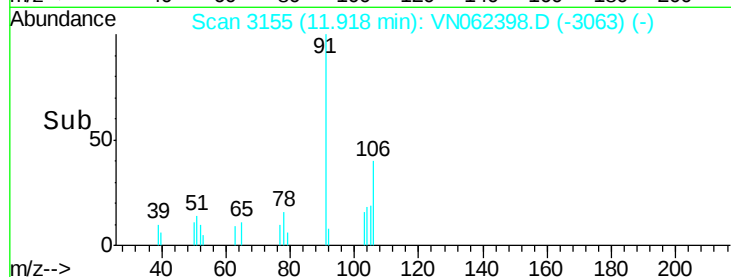
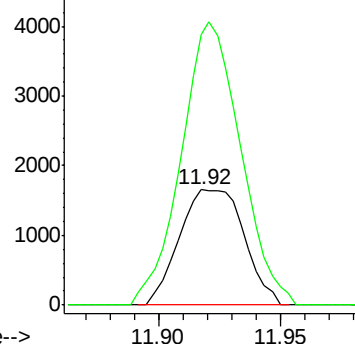
#69
o-Xylene
Concen: 0.834 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 3056
Ion Ratio Lower Upper
106 100
91 224.1 113.8 341.4

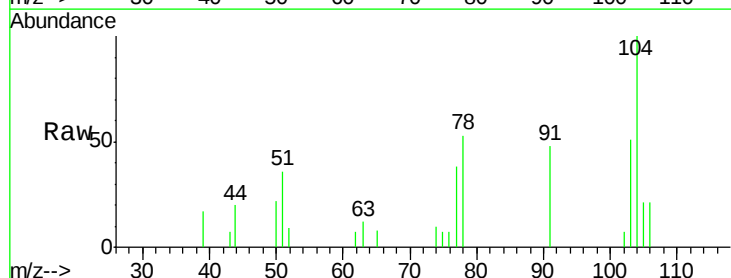


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

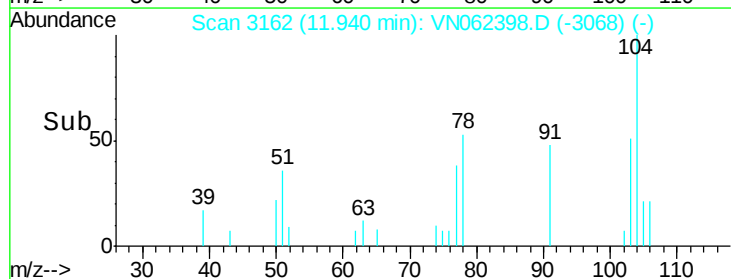
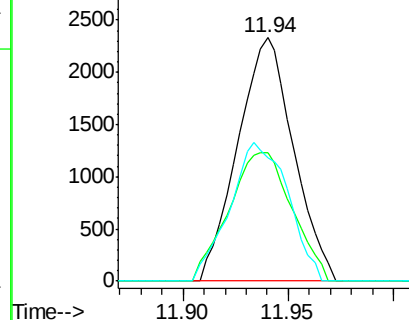


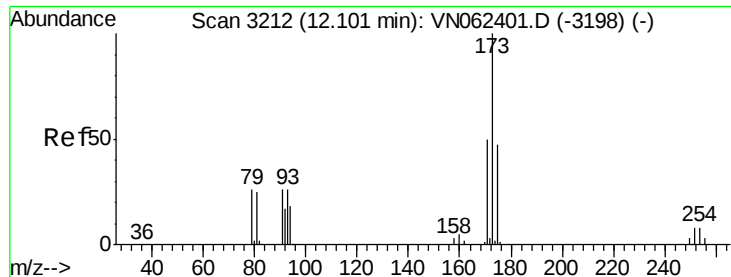
#70
Styrene
Concen: 0.706 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion:104 Resp: 4276
Ion Ratio Lower Upper
104 100
78 60.0 44.2 66.4
103 59.5 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.629 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

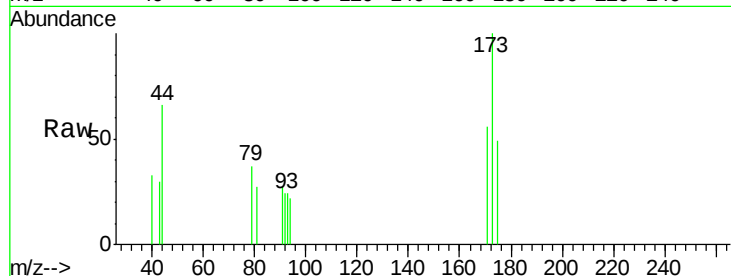
Tgt Ion:173 Resp: 1057

Ion Ratio Lower Upper

173 100

175 40.4 23.7 71.1

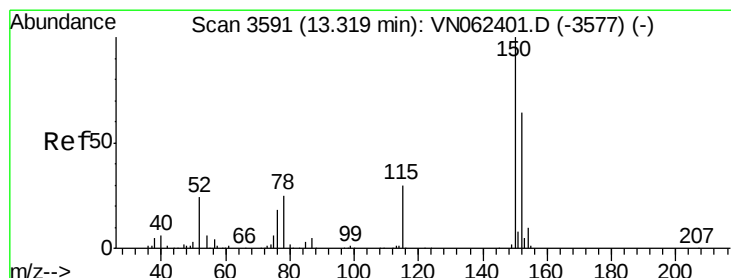
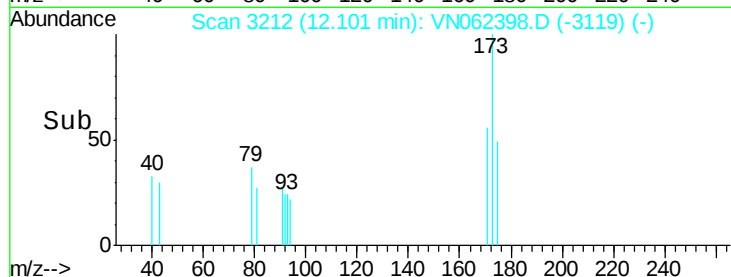
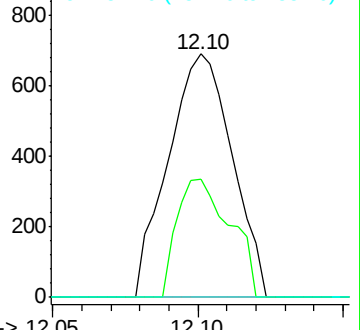
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

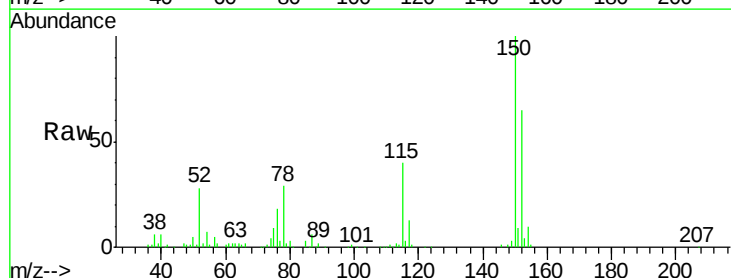
Tgt Ion:152 Resp: 101373

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

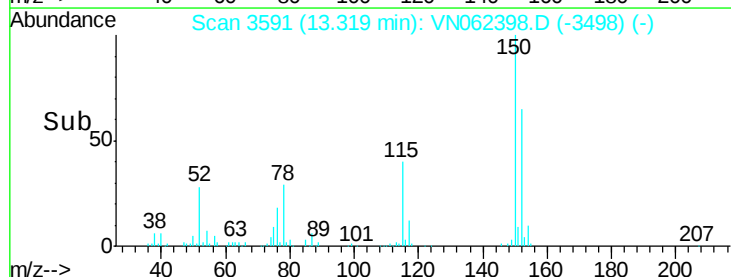
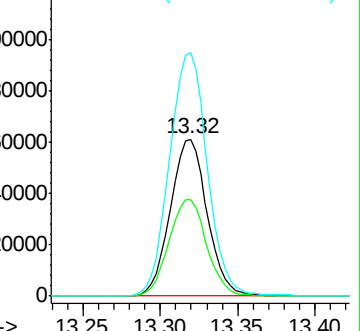
150 159.6 0.0 347.4

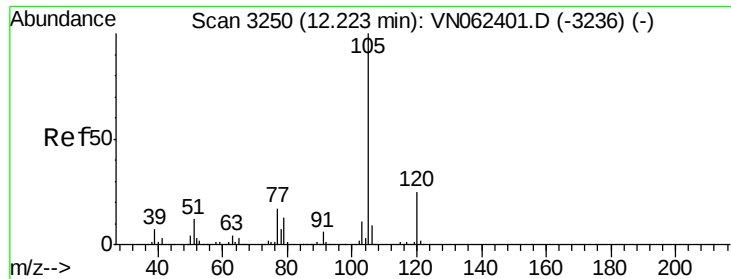


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.035 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

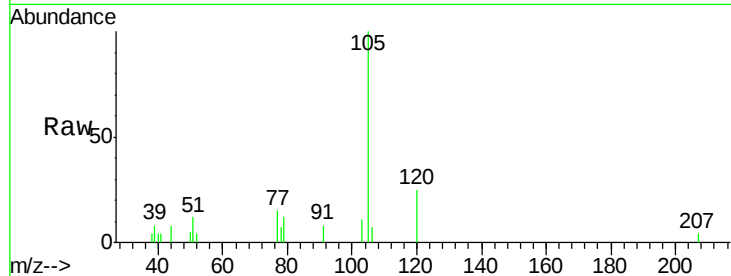
VSTDIC001

Tgt Ion: 105 Resp: 7874

Ion Ratio Lower Upper

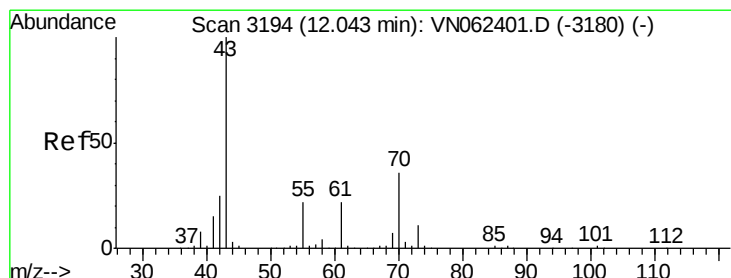
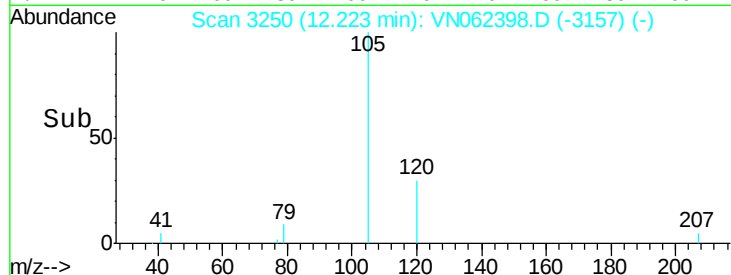
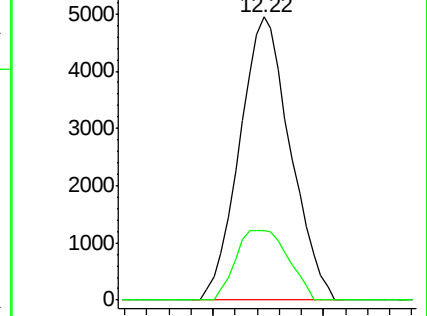
105 100

120 25.4 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.689 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.01 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Tgt Ion: 43 Resp: 2778

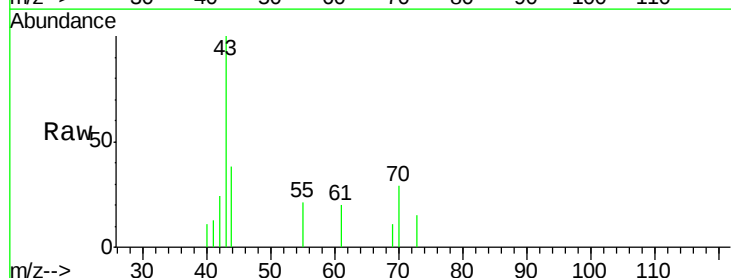
Ion Ratio Lower Upper

43 100

70 17.7 30.0 45.0#

55 16.7 18.2 27.4#

61 14.6 17.7 26.5#

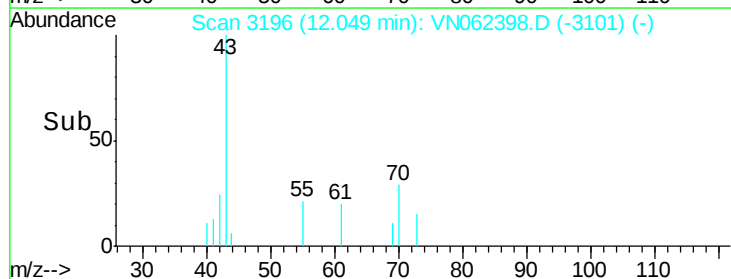
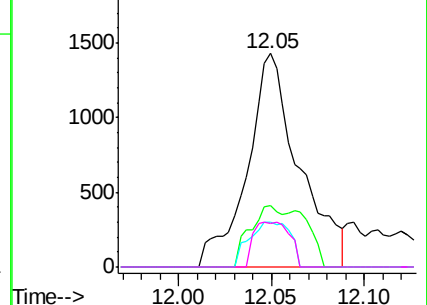


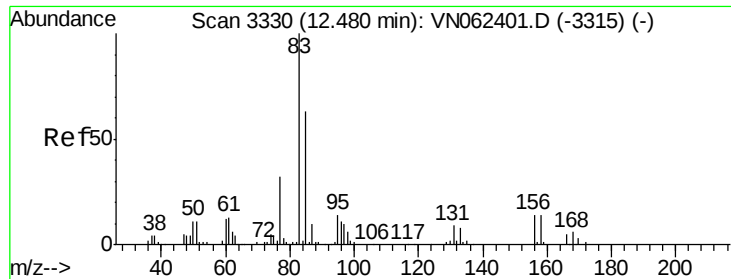
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.987 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

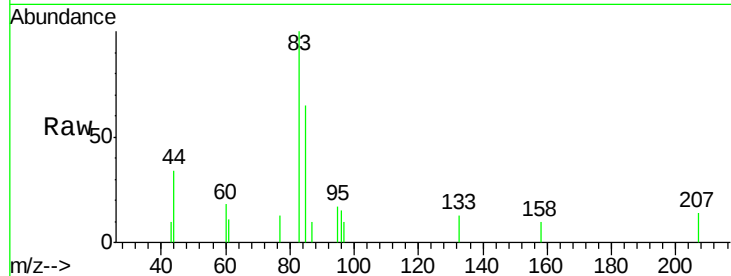
Tgt Ion: 83 Resp: 2629

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

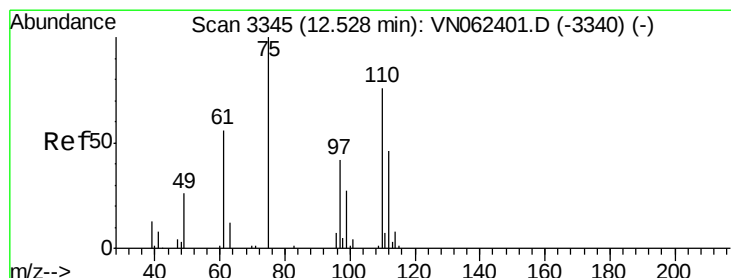
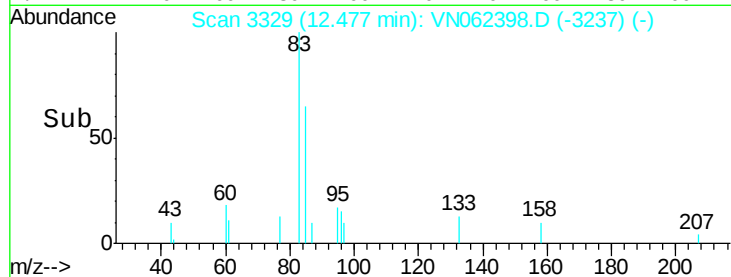
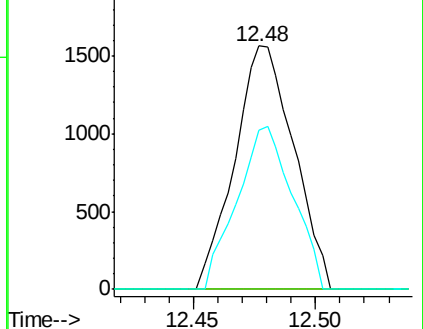
85 63.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062398.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062398.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062398.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 1.289 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN062398.D

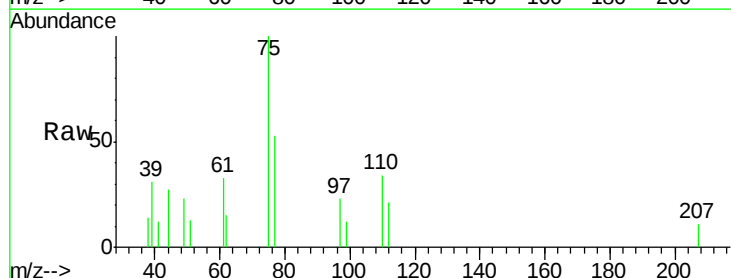
Acq: 8 Jul 2020 10:14

Tgt Ion: 75 Resp: 3159

Ion Ratio Lower Upper

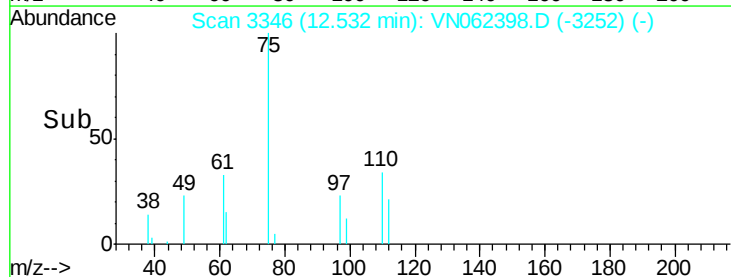
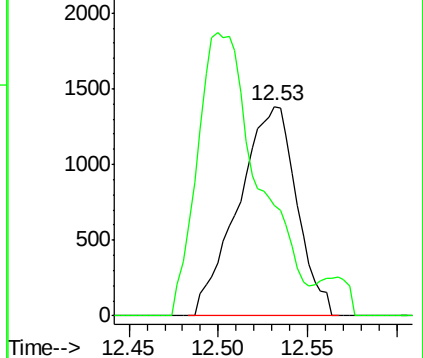
75 100

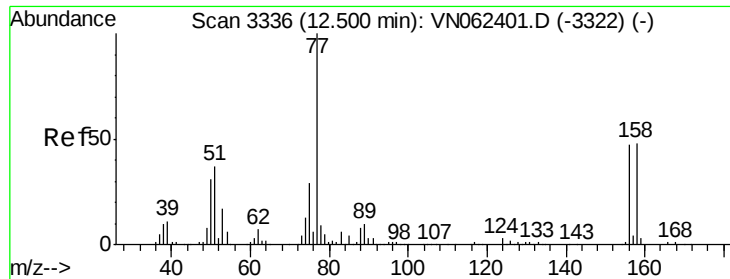
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062398.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062398.D (-3252) (-)





#77

Bromobenzene

Concen: 0.986 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

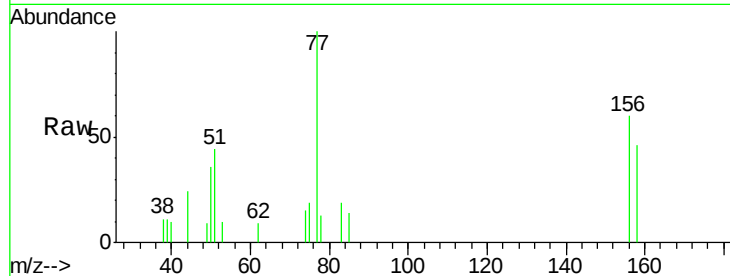
Tgt Ion:156 Resp: 1767

Ion Ratio Lower Upper

156 100

77 253.4 126.4 379.3

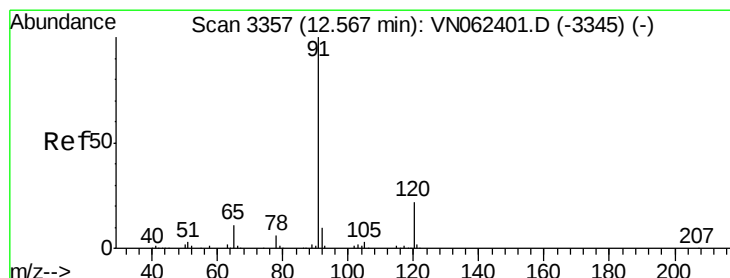
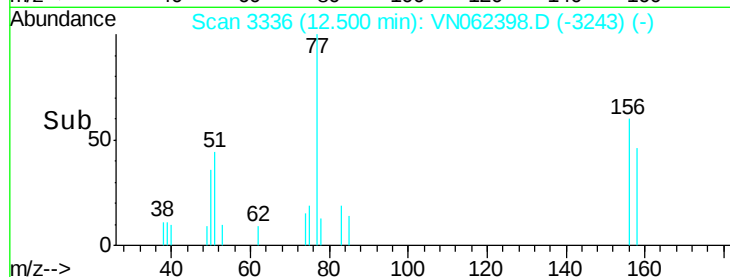
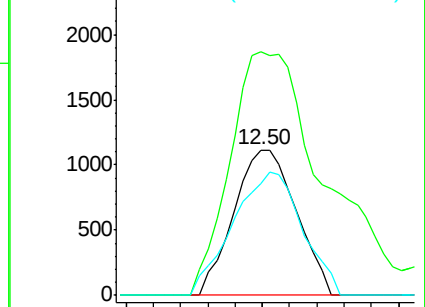
158 94.3 49.8 149.4



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: 1.003 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062398.D

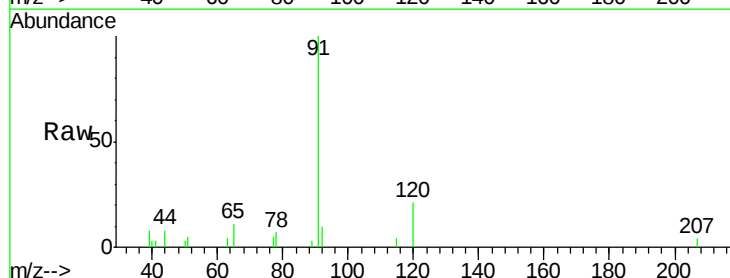
Acq: 8 Jul 2020 10:14

Tgt Ion: 91 Resp: 8709

Ion Ratio Lower Upper

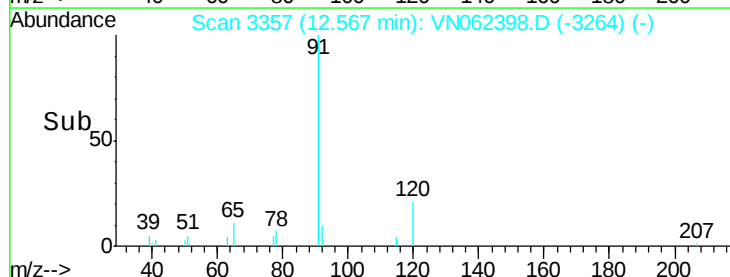
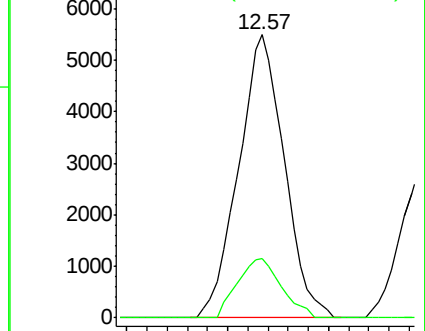
91 100

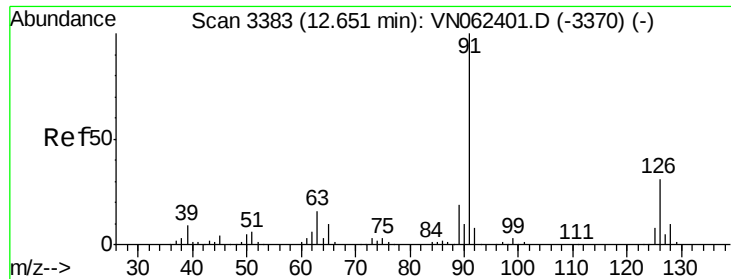
120 20.1 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.976 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

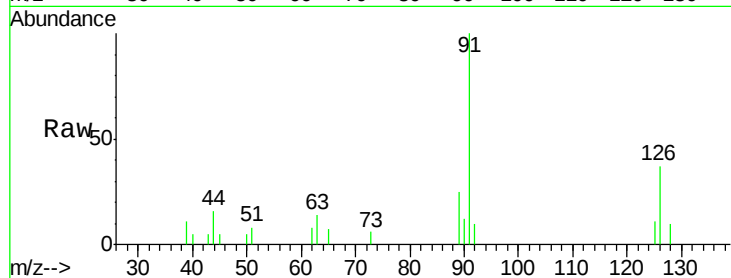
VSTDIC001

Tgt Ion: 91 Resp: 5385

Ion Ratio Lower Upper

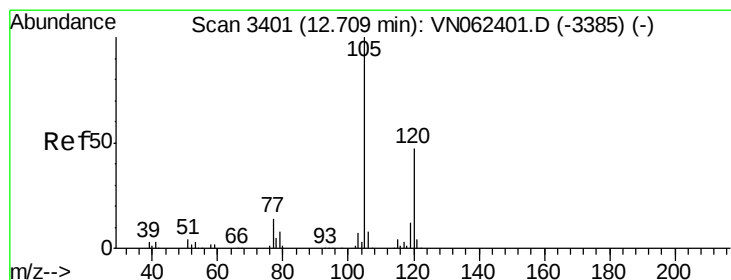
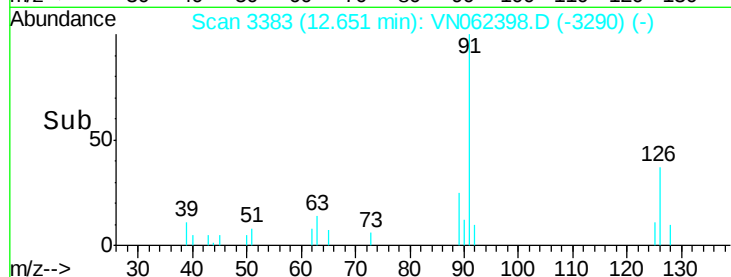
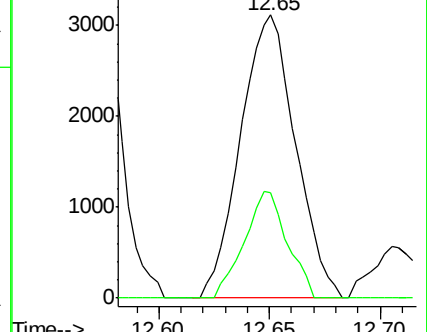
91 100

126 29.4 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.905 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062398.D

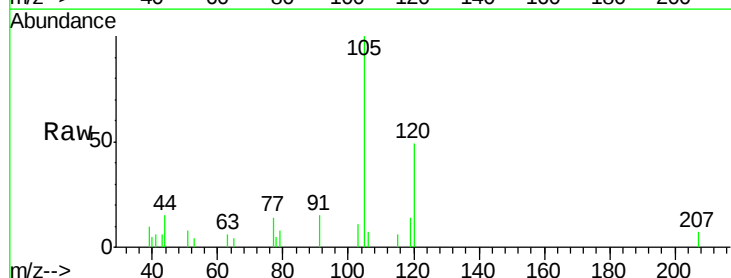
Acq: 8 Jul 2020 10:14

Tgt Ion: 105 Resp: 5762

Ion Ratio Lower Upper

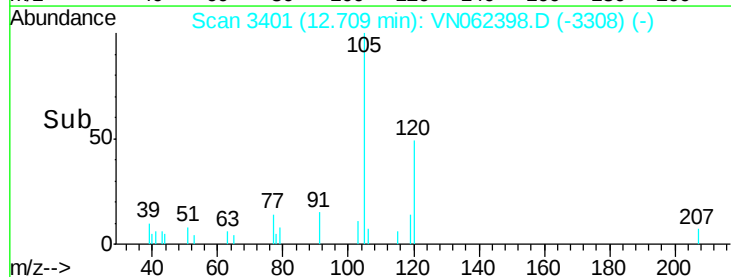
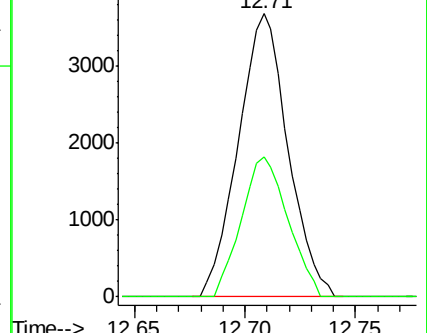
105 100

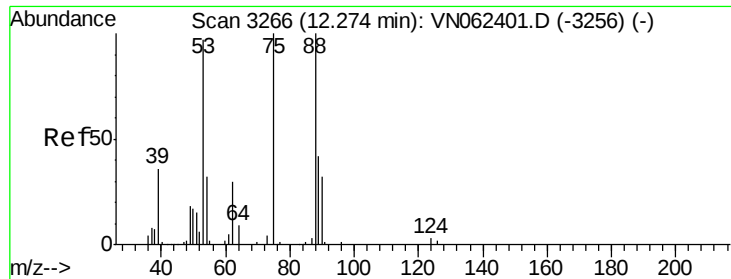
120 46.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.703 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

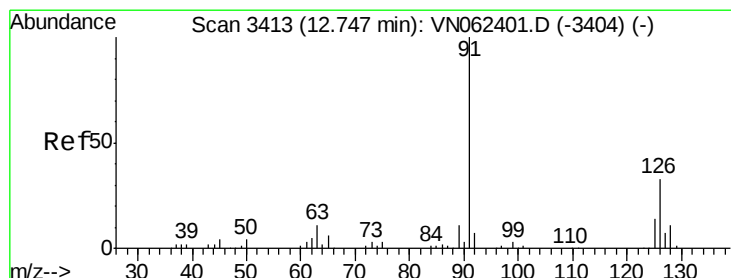
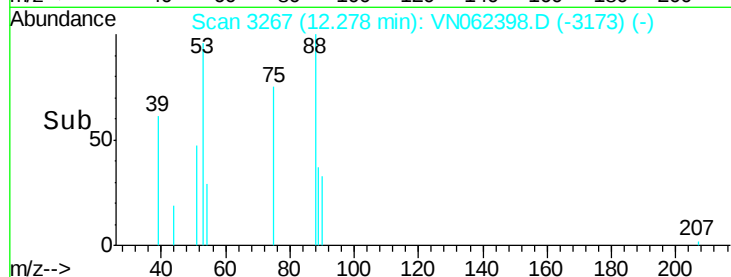
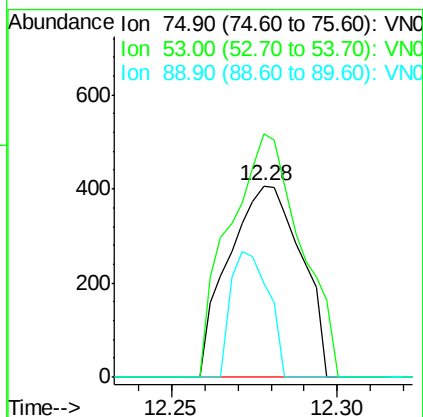
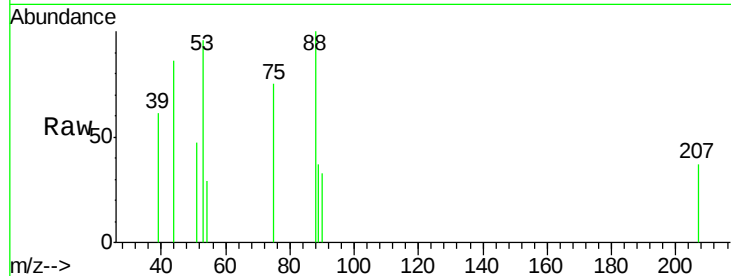
Tgt Ion: 75 Resp: 619

Ion Ratio Lower Upper

75 100

53 124.9 79.2 118.8#

89 33.9 34.6 52.0#



#82

4-Chlorotoluene

Concen: 0.931 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062398.D

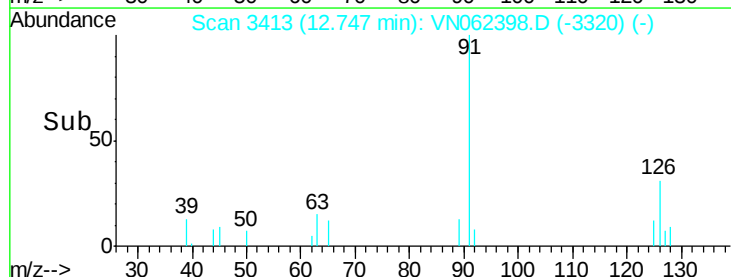
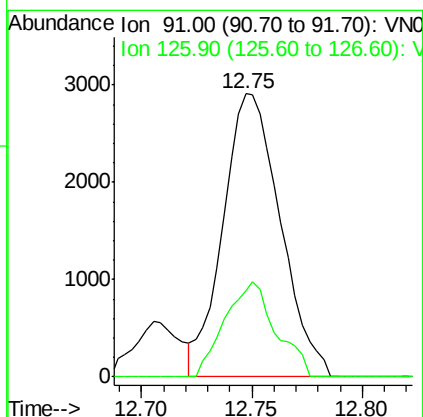
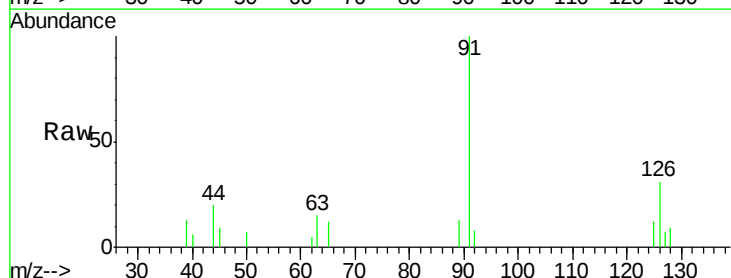
Acq: 8 Jul 2020 10:14

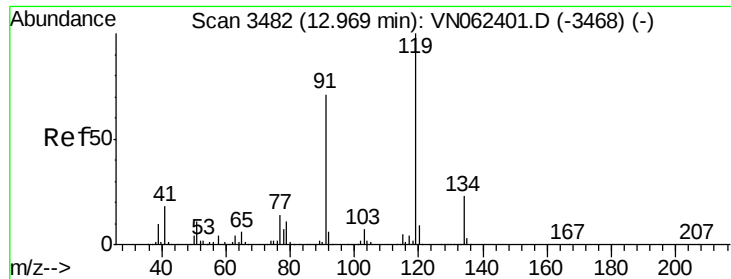
Tgt Ion: 91 Resp: 5246

Ion Ratio Lower Upper

91 100

126 29.9 15.2 45.6

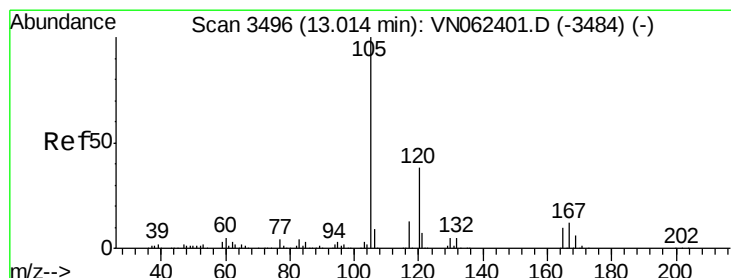
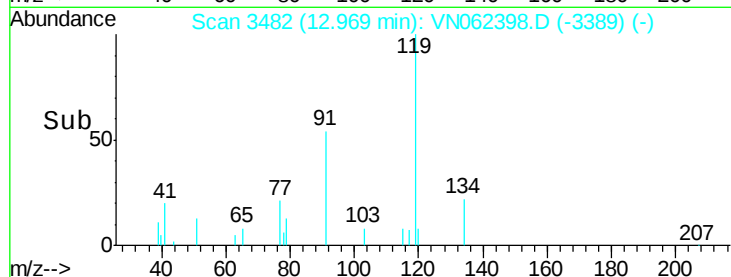
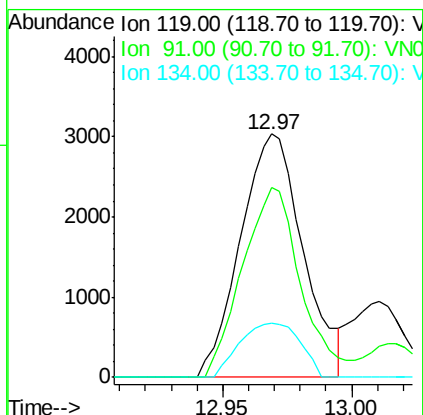
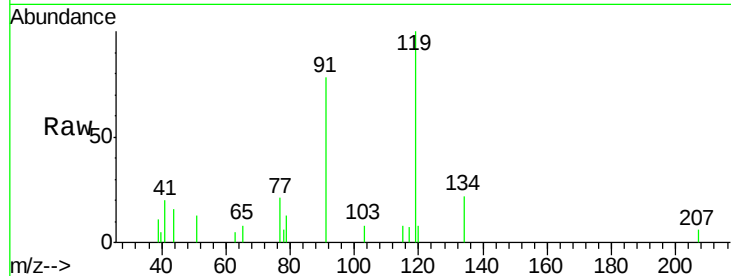




#83
 tert-Butylbenzene
 Concen: 0.946 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

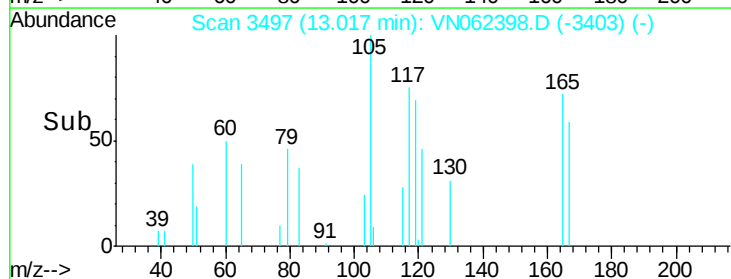
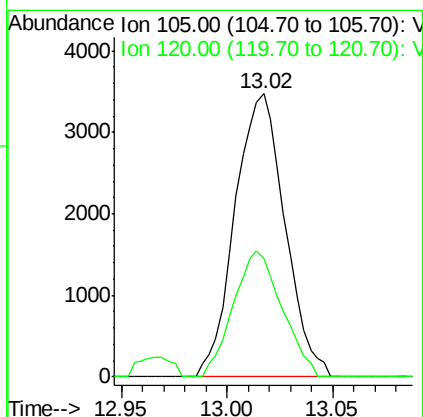
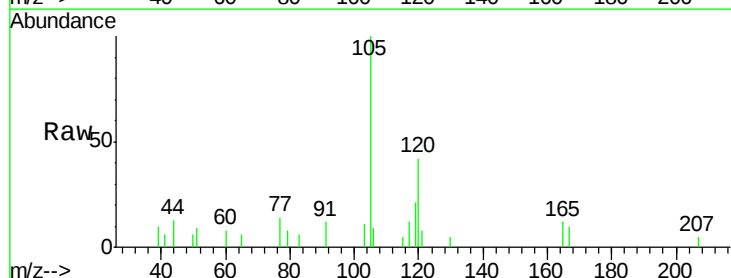
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

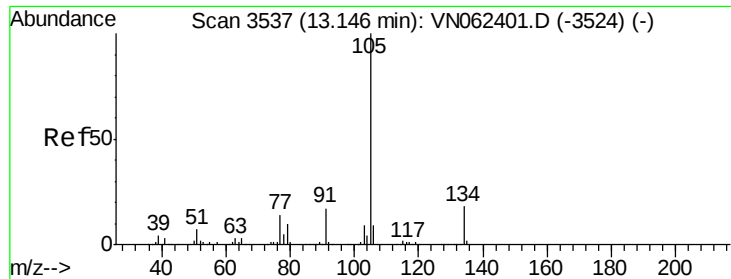
Tgt Ion:119 Resp: 5137
 Ion Ratio Lower Upper
 119 100
 91 73.4 34.8 104.3
 134 21.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.907 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion:105 Resp: 5719
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.6 64.8

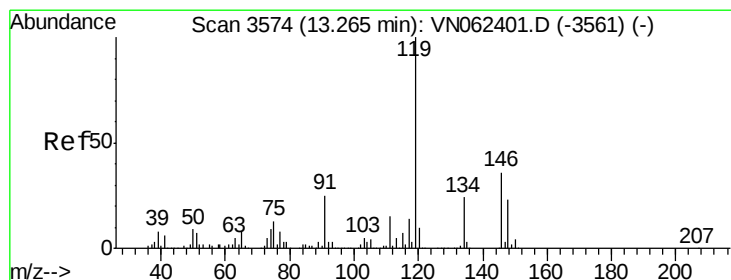
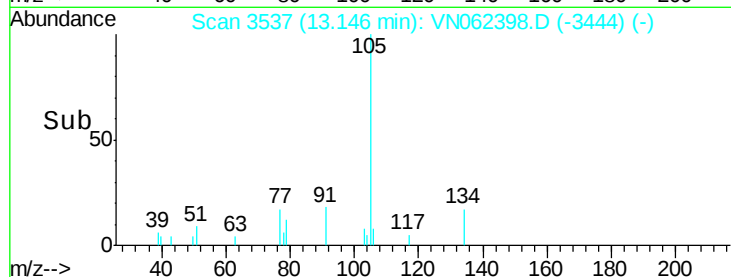
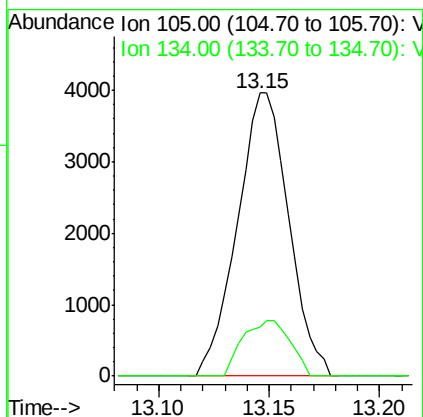
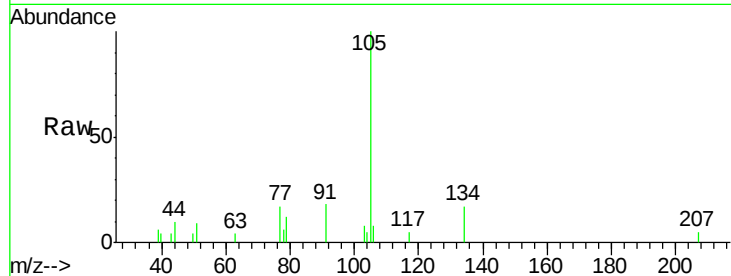




#85
 sec-Butylbenzene
 Concen: 0.925 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

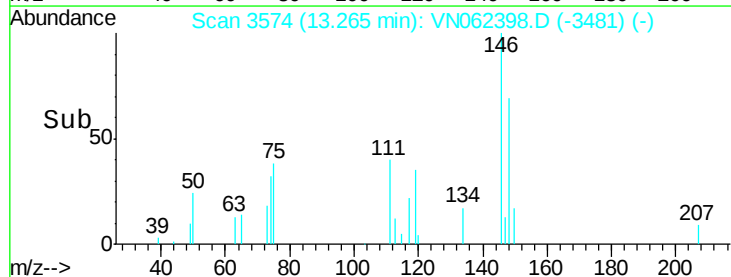
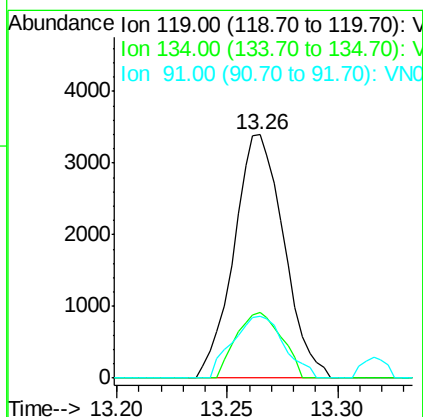
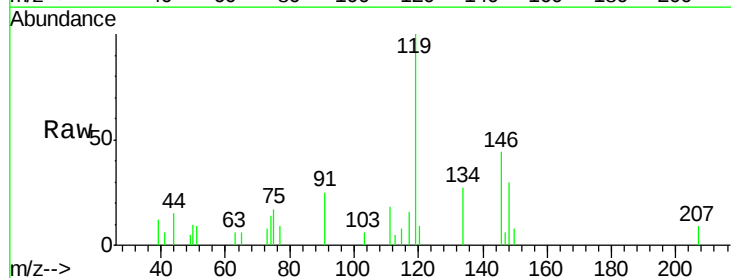
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

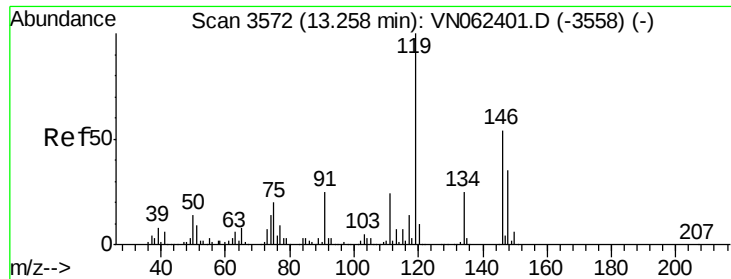
Tgt Ion:105 Resp: 6412
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 0.857 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion:119 Resp: 5351
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.4 37.0
 91 26.1 12.4 37.4

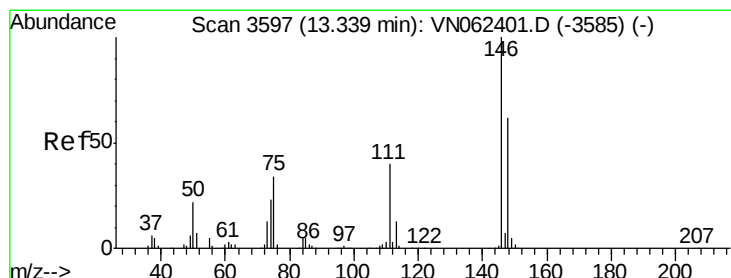
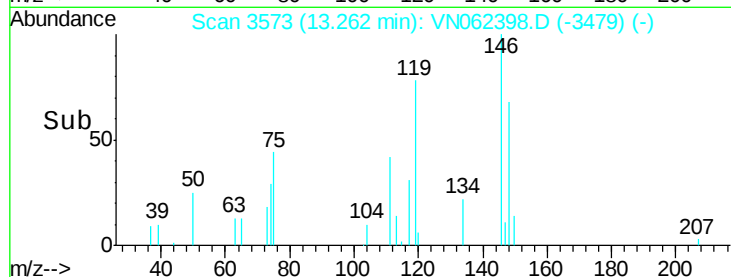
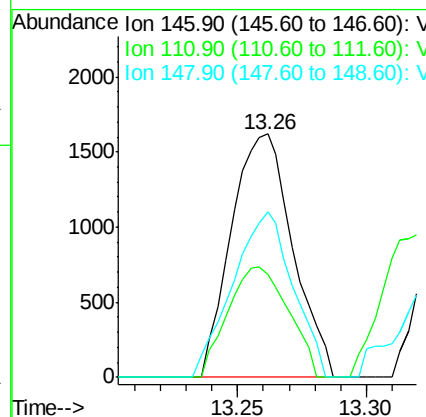
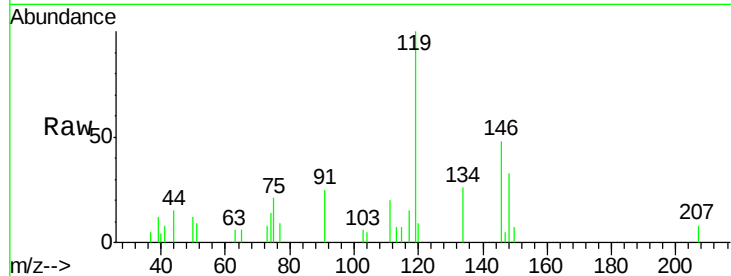




#87
 1,3-Dichlorobenzene
 Concen: 0.836 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. 0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

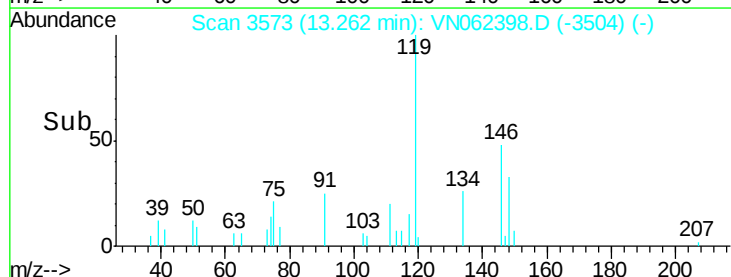
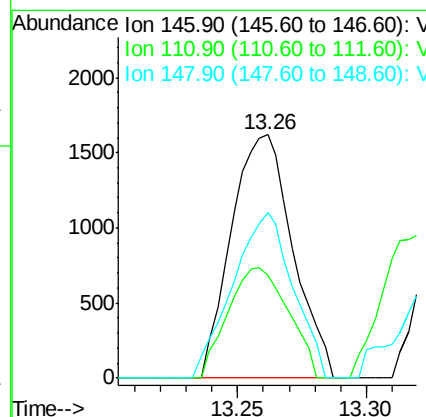
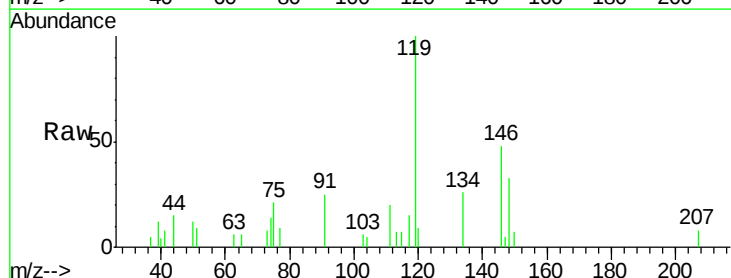
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

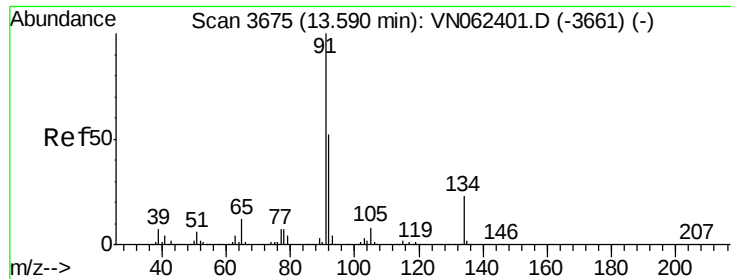
Tgt Ion:146 Resp: 2685
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.6 64.6
 148 66.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.809 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.08 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion:146 Resp: 2685
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.1 63.1
 148 66.9 31.4 94.2





#89

n-Butylbenzene

Concen: 0.900 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

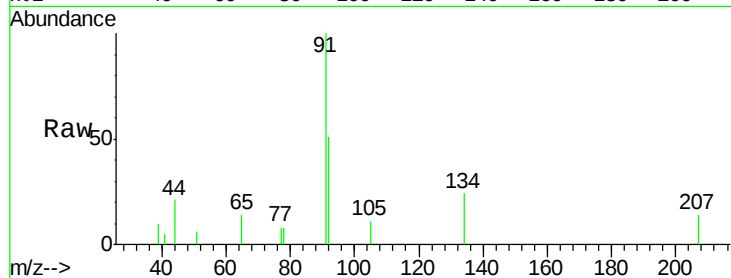
Tgt Ion: 91 Resp: 4842

Ion Ratio Lower Upper

91 100

92 49.0 25.9 77.7

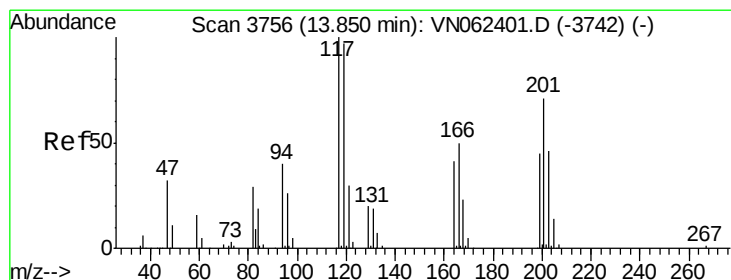
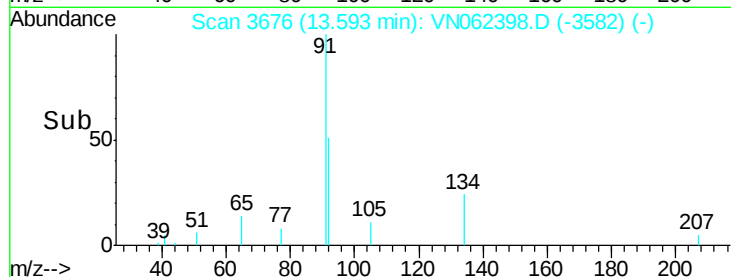
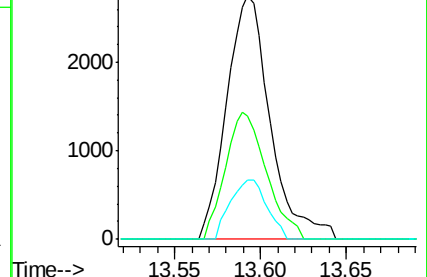
134 20.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062401.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062401.D (-3661) (-)



#90

Hexachloroethane

Concen: 0.819 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062398.D

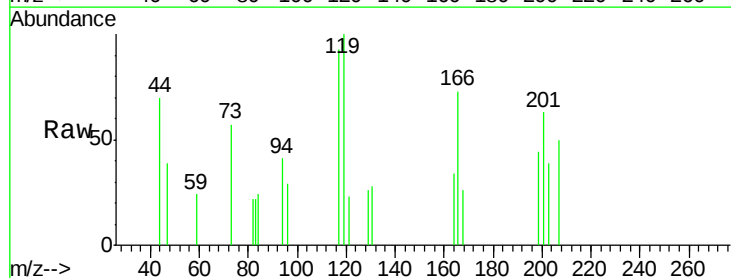
Acq: 8 Jul 2020 10:14

Tgt Ion: 117 Resp: 1084

Ion Ratio Lower Upper

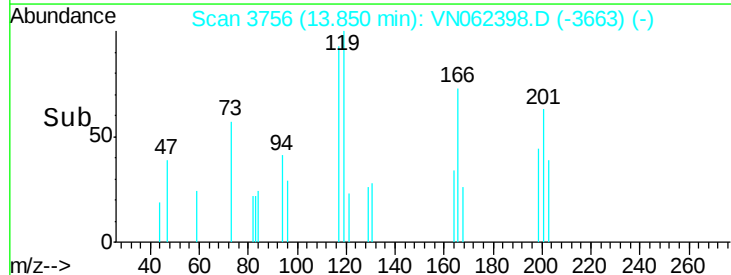
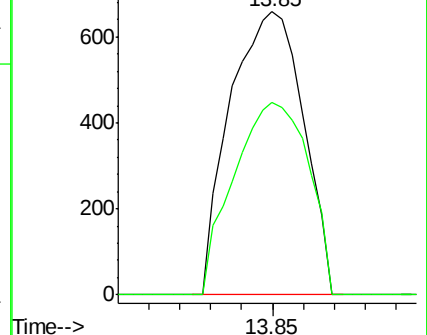
117 100

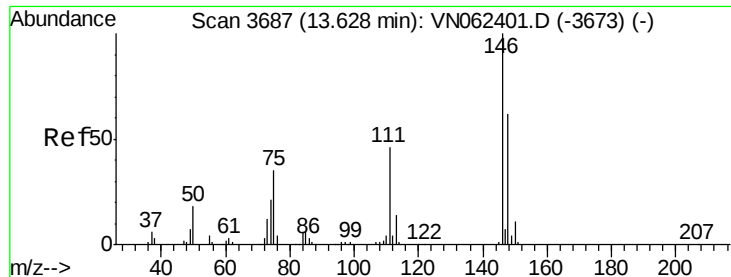
201 69.5 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VN062401.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062401.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 0.870 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

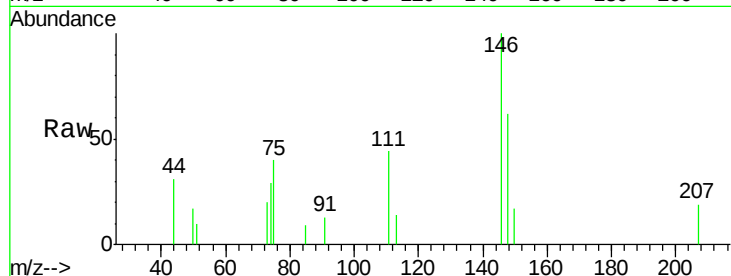
Tgt Ion:146 Resp: 2676

Ion Ratio Lower Upper

146 100

111 44.9 22.5 67.5

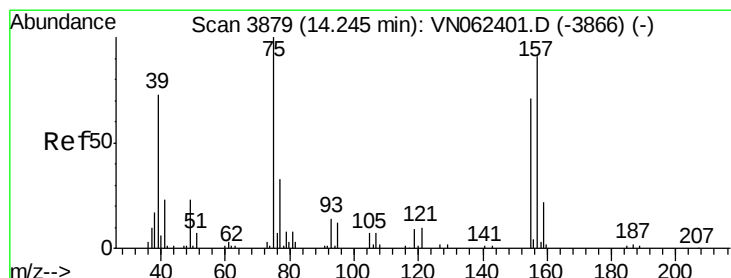
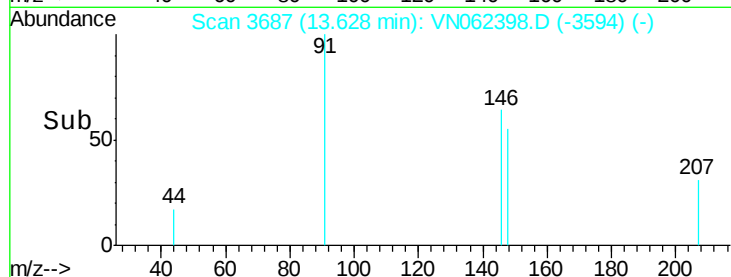
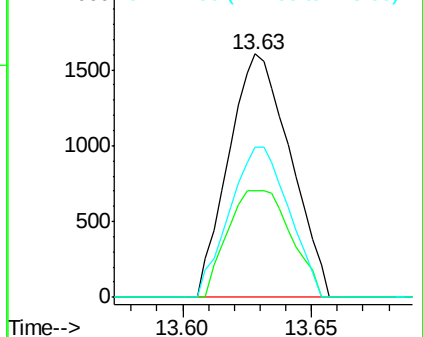
148 59.0 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.715 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062398.D

Acq: 8 Jul 2020 10:14

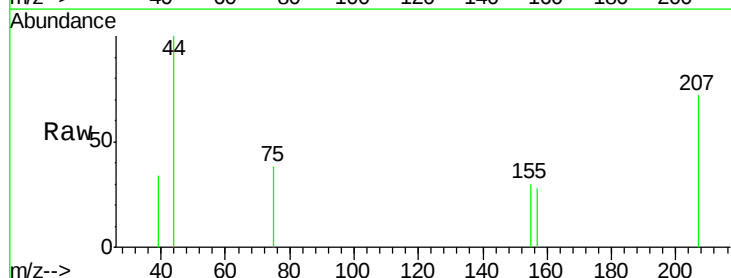
Tgt Ion: 75 Resp: 368

Ion Ratio Lower Upper

75 100

155 57.6 35.2 105.6

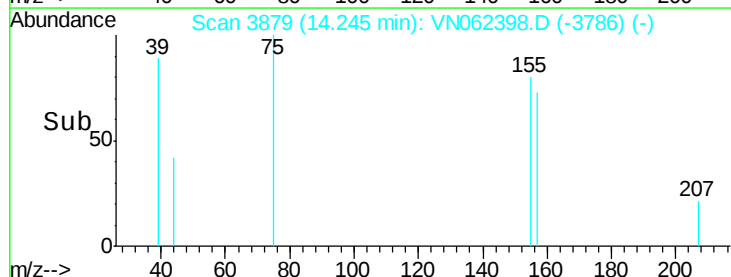
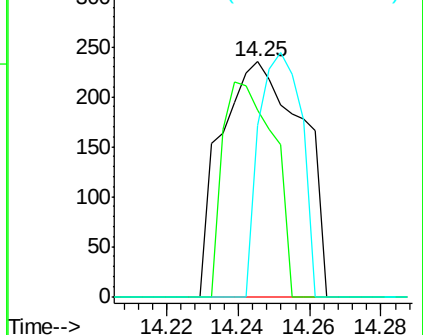
157 54.6 45.8 137.3

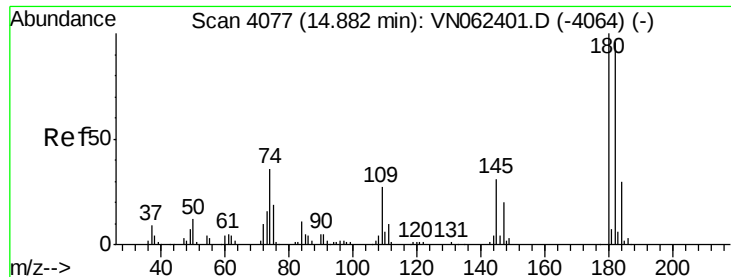


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

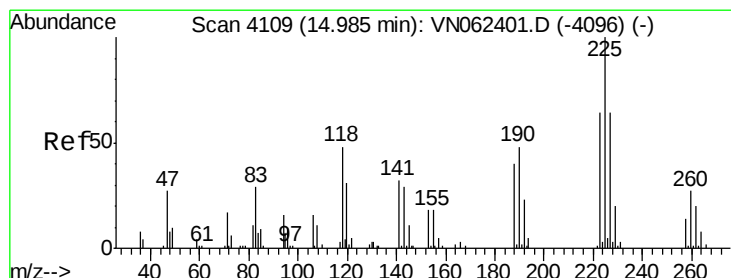
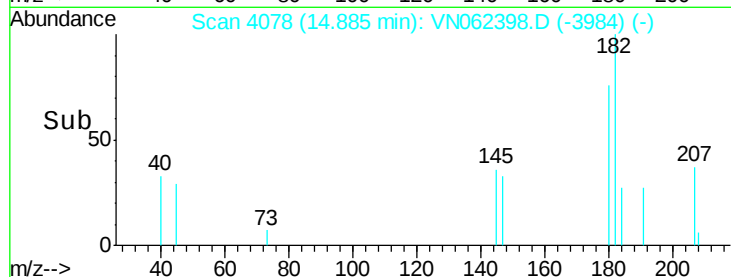
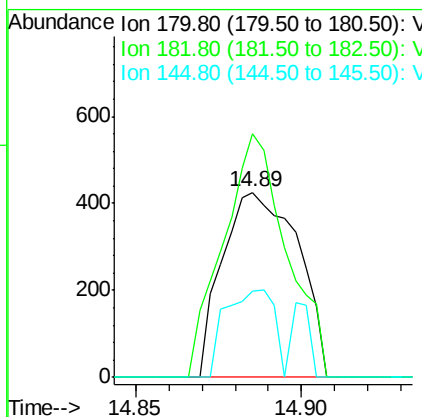
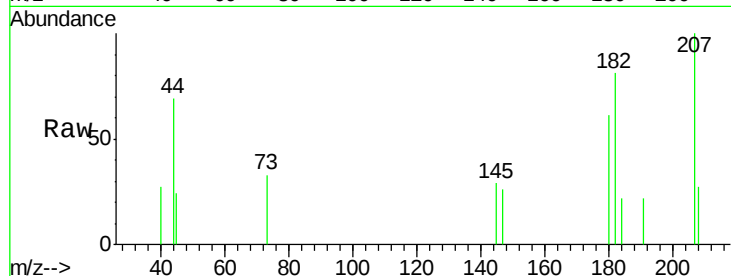




#93
 1,2,4-Trichlorobenzene
 Concen: 0.470 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

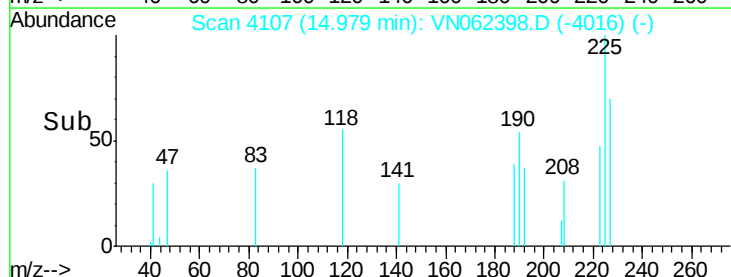
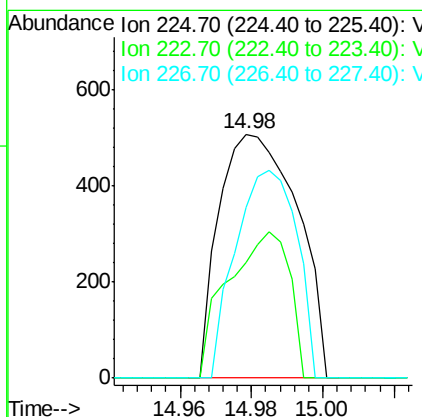
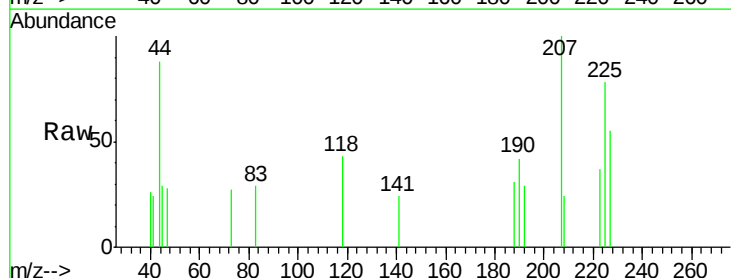
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion:180 Resp: 677
 Ion Ratio Lower Upper
 180 100
 182 110.3 48.4 145.2
 145 30.3 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 0.851 ug/l
 RT: 14.98 min Scan# 4107
 Delta R.T. -0.01 min
 Lab File: VN062398.D
 Acq: 8 Jul 2020 10:14

Tgt Ion:225 Resp: 767
 Ion Ratio Lower Upper
 225 100
 223 47.3 32.3 96.8
 227 66.5 31.9 95.7

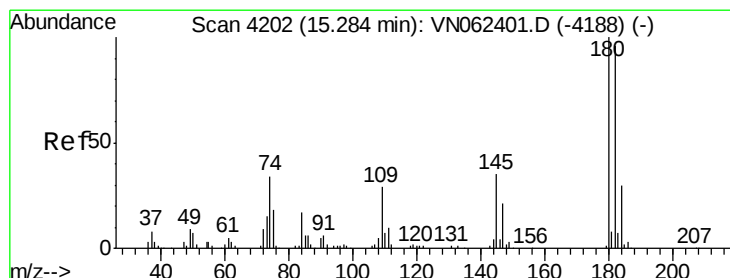
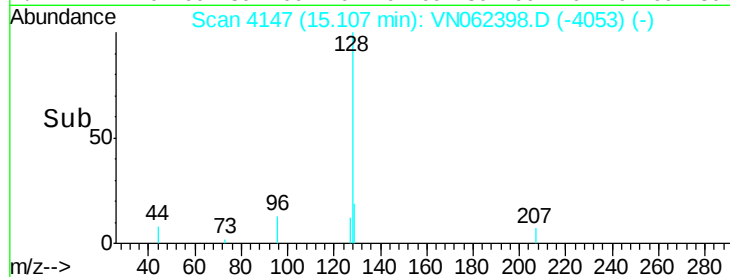
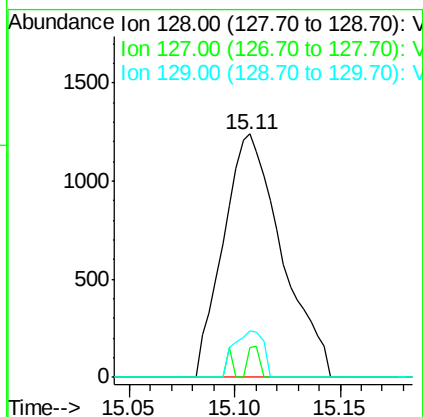
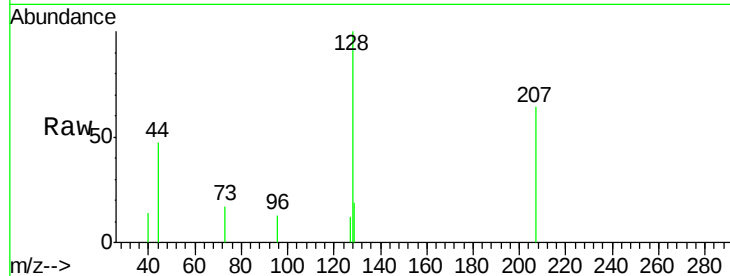




#95
Naphthalene
Concen: 0.625 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 2386
Ion Ratio Lower Upper
128 100
127 2.5 10.2 15.2#
129 9.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.680 ug/l
RT: 15.28 min Scan# 4201
Delta R.T. -0.00 min
Lab File: VN062398.D
Acq: 8 Jul 2020 10:14

Tgt Ion:180 Resp: 1005
Ion Ratio Lower Upper
180 100
182 86.1 47.8 143.4
145 6.3 17.0 50.9#

