

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072920\
 Data File : VN062646.D
 Acq On : 29 Jul 2020 11:44
 Operator : JC/MD
 Sample : VN0729WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 02:57:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	150003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	224910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104735	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	114251	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.54	113	78644	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	10.06	98	296895	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.38	95	109937	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	33850	18.918	ug/l	99
3) Chloromethane	2.03	50	36884	15.199	ug/l	98
4) Vinyl Chloride	2.16	62	34808	16.545	ug/l	97
5) Bromomethane	2.52	94	21520	23.095	ug/l	96
6) Chloroethane	2.67	64	20631	21.680	ug/l	98
7) Trichlorofluoromethane	2.98	101	56779	22.987	ug/l	97
8) Diethyl Ether	3.37	74	19535	16.912	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30017	18.954	ug/l	97
10) Methyl Iodide	3.91	142	33100	16.348	ug/l	93
11) Tert butyl alcohol	4.73	59	30699	82.815	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	28138	17.519	ug/l	96
13) Acrolein	3.56	56	24472	69.602	ug/l	95
14) Allyl chloride	4.27	41	52534	15.121	ug/l	92
15) Acrylonitrile	4.93	53	81013	81.593	ug/l	99
16) Acetone	3.77	43	78876	89.951	ug/l	97
17) Carbon Disulfide	4.01	76	82440	15.622	ug/l	99
18) Methyl Acetate	4.27	43	37048	16.689	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	104487	17.675	ug/l	97
20) Methylene Chloride	4.50	84	35655	16.953	ug/l	88
21) trans-1,2-Dichloroethene	4.99	96	30003	16.831	ug/l	99
22) Diisopropyl ether	5.90	45	110451	15.994	ug/l	93
23) Vinyl Acetate	5.84	43	438849	77.555	ug/l	95
24) 1,1-Dichloroethane	5.79	63	63030	16.949	ug/l	100
25) 2-Butanone	6.79	43	107730	80.669	ug/l	100
26) 2,2-Dichloropropane	6.77	77	58030	19.009	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	34507	16.964	ug/l	99
28) Bromochloromethane	7.15	49	28814	15.744	ug/l	87
29) Tetrahydrofuran	7.17	42	70809	78.359	ug/l	95
30) Chloroform	7.33	83	65288	18.465	ug/l	97
31) Cyclohexane	7.61	56	54581	15.896	ug/l #	87
32) 1,1,1-Trichloroethane	7.53	97	59414	20.126	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48144	18.638	ug/l	97
37) Ethyl Acetate	6.88	43	44956	16.145	ug/l	100
38) Carbon Tetrachloride	7.73	117	50973	20.529	ug/l	93

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	49838	17.923	ug/l	98
40) Benzene	8.00	78	134850	17.243	ug/l	99
41) Methacrylonitrile	7.12	41	20934	17.542	ug/l #	83
42) 1,2-Dichloroethane	8.09	62	56708	19.834	ug/l	97
43) Isopropyl Acetate	8.12	43	72164	16.076	ug/l	96
44) Trichloroethene	8.80	130	32065	18.182	ug/l	99
45) 1,2-Dichloropropane	9.09	63	36273	16.520	ug/l	99
46) Dibromomethane	9.17	93	23765	18.726	ug/l	96
47) Bromodichloromethane	9.37	83	51166	18.610	ug/l #	97
48) Methyl methacrylate	9.17	41	34996	16.401	ug/l	95
49) 1,4-Dioxane	9.16	88	11195	341.592	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	221071	82.310	ug/l	99
52) Toluene	10.12	92	82341	18.133	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	55307	18.070	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	58149	17.706	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	31548	17.911	ug/l	98
56) Ethyl methacrylate	10.40	69	48665	16.611	ug/l	96
57) 1,3-Dichloropropane	10.68	76	57408	17.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	74364	89.496	ug/l	95
59) 2-Hexanone	10.72	43	158061	78.154	ug/l	99
60) Dibromochloromethane	10.87	129	36413	18.531	ug/l	98
61) 1,2-Dibromoethane	10.98	107	32681	17.818	ug/l	100
64) Tetrachloroethene	10.60	164	28519	19.516	ug/l	96
65) Chlorobenzene	11.40	112	85639	18.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	33646	18.968	ug/l	97
67) Ethyl Benzene	11.48	91	155454	17.982	ug/l	100
68) m/p-Xylenes	11.59	106	116298	37.427	ug/l	99
69) o-Xylene	11.92	106	54731	18.548	ug/l	97
70) Styrene	11.94	104	93705	18.799	ug/l	99
71) Bromoform	12.10	173	25792	19.366	ug/l #	99
73) Isopropylbenzene	12.22	105	153425	18.526	ug/l	99
74) N-amyl acetate	12.04	43	58805	15.900	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	47963	16.666	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	62900	23.594	ug/l #	100
77) Bromobenzene	12.50	156	35275	17.724	ug/l	96
78) n-propylbenzene	12.56	91	175985	18.142	ug/l	99
79) 2-Chlorotoluene	12.65	91	106361	17.791	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	133798	19.477	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16174	16.889	ug/l	91
82) 4-Chlorotoluene	12.75	91	112362	18.057	ug/l	100
83) tert-Butylbenzene	12.97	119	107790	18.897	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	127327	18.894	ug/l	100
85) sec-Butylbenzene	13.15	105	145125	19.004	ug/l	99
86) p-Isopropyltoluene	13.26	119	131573	20.032	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	62516	17.900	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	62471	18.170	ug/l	97
89) n-Butylbenzene	13.59	91	104667	18.546	ug/l	99
90) Hexachloroethane	13.85	117	25846	18.485	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	62723	18.782	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10192	19.506	ug/l	93

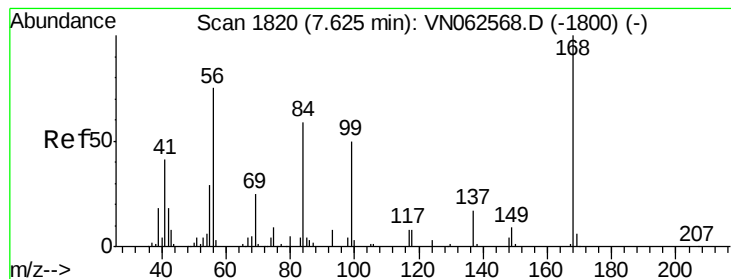
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072920\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27176	17.620	ug/l	99
94) Hexachlorobutadiene	14.98	225	20658	22.628	ug/l	99
95) Naphthalene	15.10	128	65739	16.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27401	17.411	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

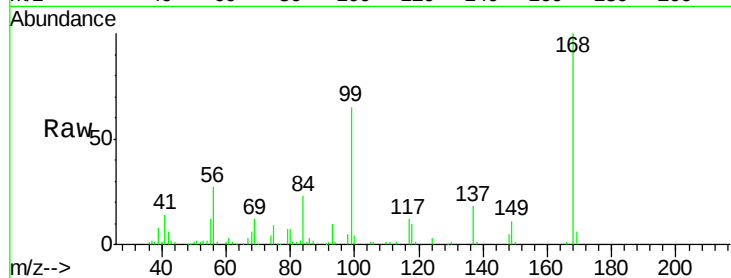
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 150003

Ion Ratio Lower Upper

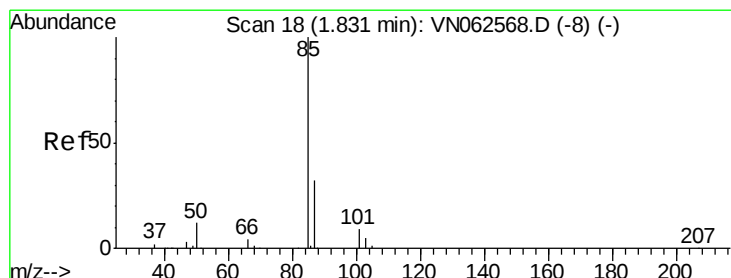
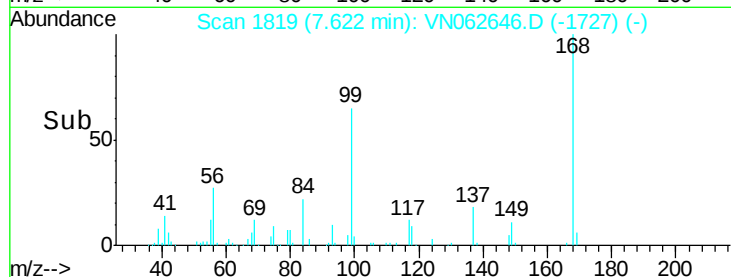
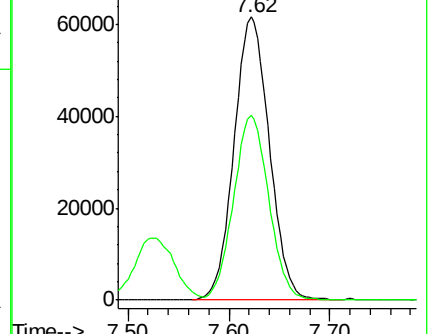
168 100

99 65.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.918 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062646.D

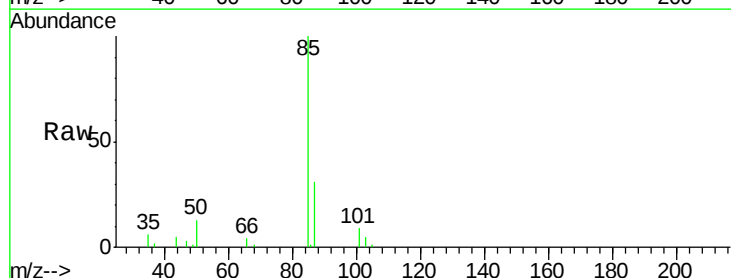
Acq: 29 Jul 2020 11:44

Tgt Ion: 85 Resp: 33850

Ion Ratio Lower Upper

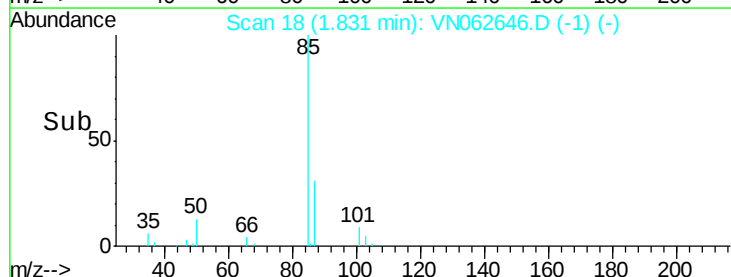
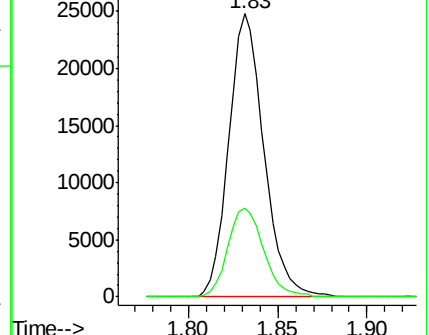
85 100

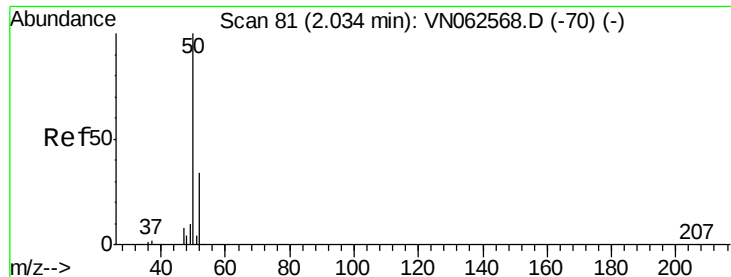
87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.199 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

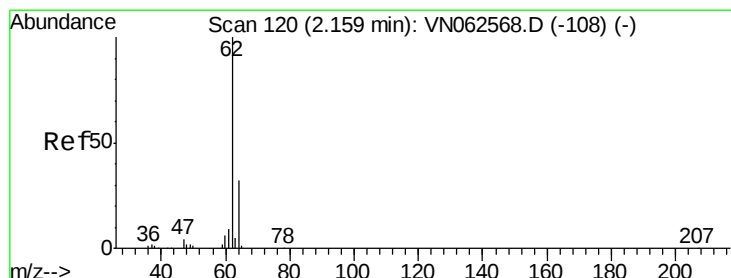
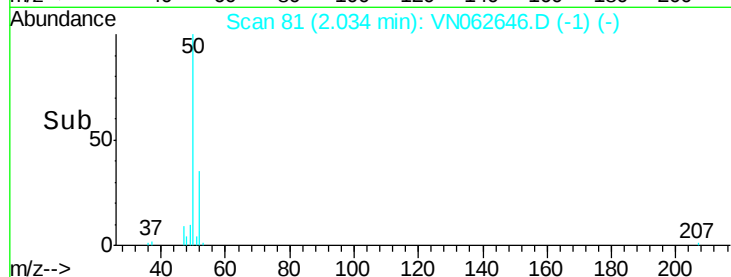
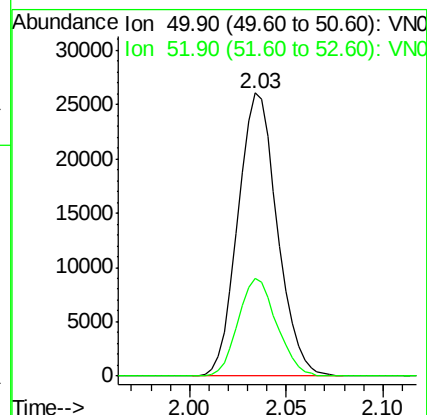
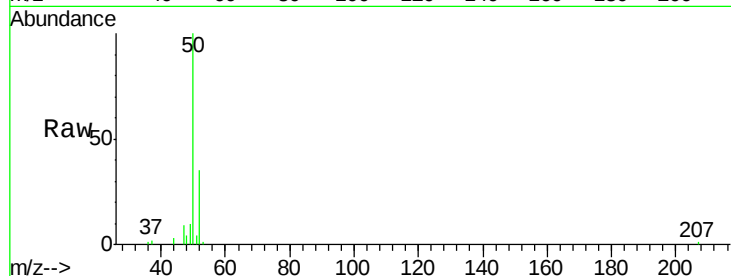
ClientSampled :

Tot Ion: 50 Resp: 36884

Ion Ratio Lower Upper

50 100

52 34.7 27.0 40.4



#4

Vinyl Chloride

Concen: 16.545 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062646.D

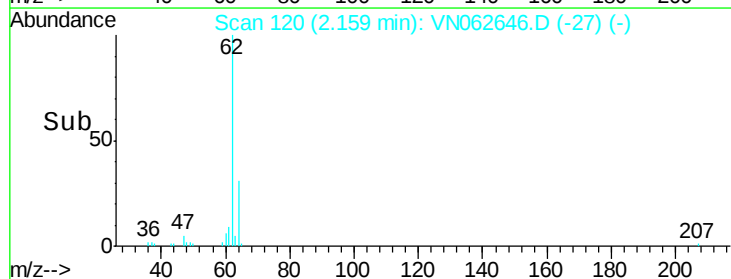
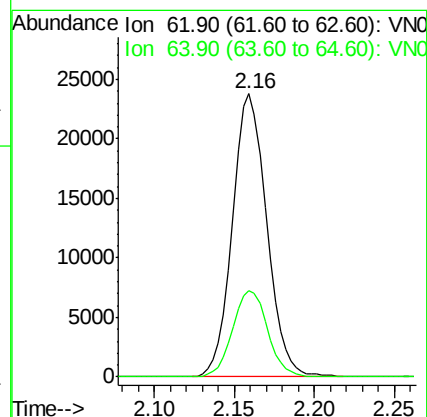
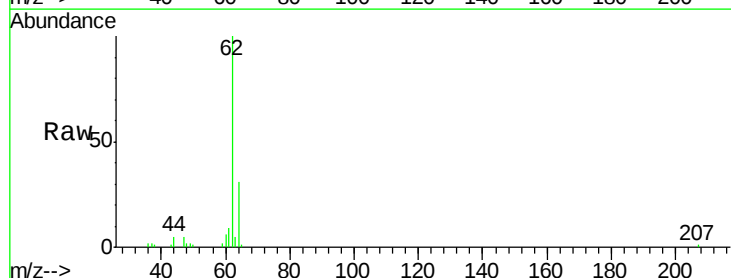
Acq: 29 Jul 2020 11:44

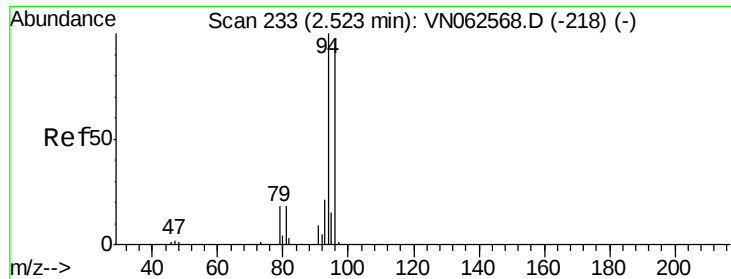
Tgt Ion: 62 Resp: 34808

Ion Ratio Lower Upper

62 100

64 30.5 25.8 38.8





#5

Bromomethane

Concen: 23.095 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

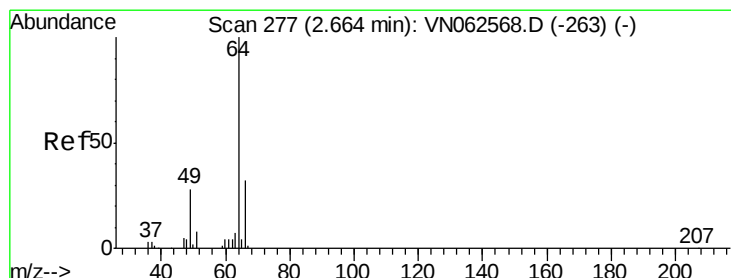
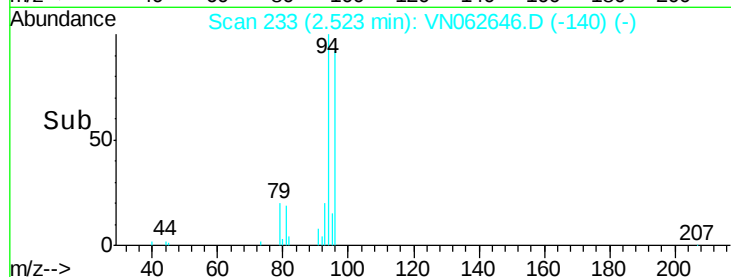
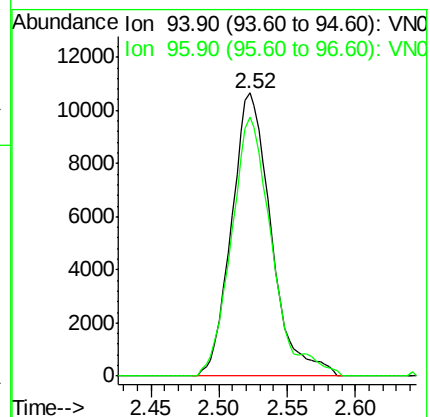
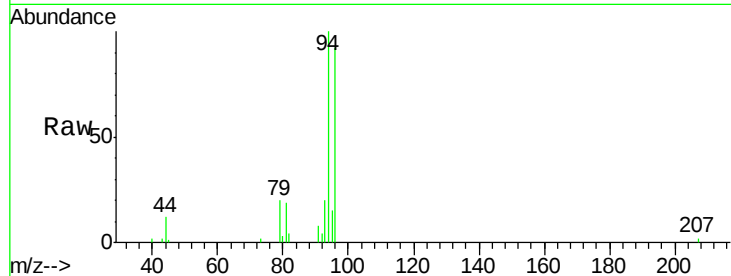
ClientSampleId :

Tot Ion: 94 Resp: 21520

Ion Ratio Lower Upper

94 100

96 91.7 76.6 114.8



#6

Chloroethane

Concen: 21.680 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062646.D

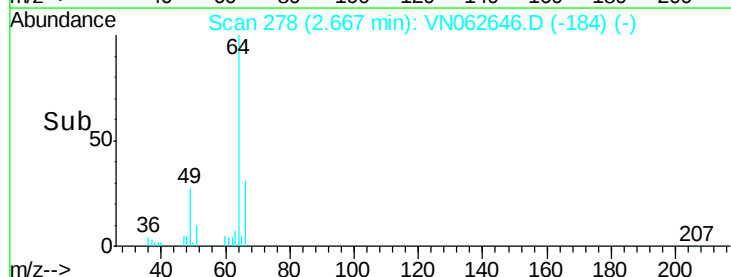
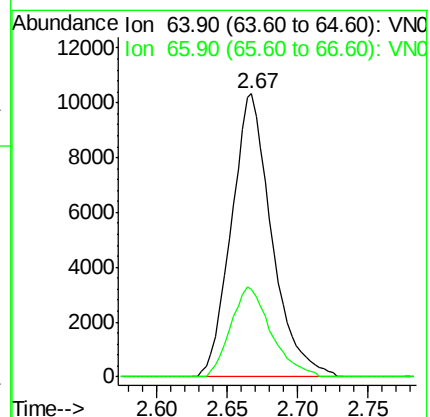
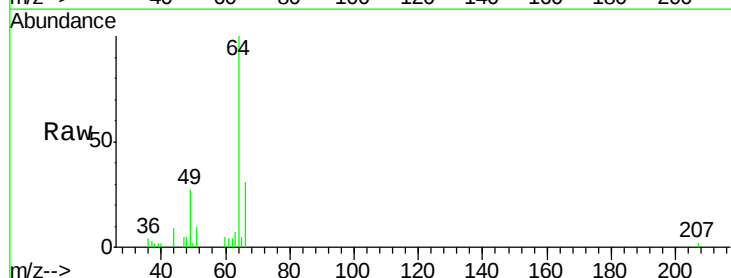
Acq: 29 Jul 2020 11:44

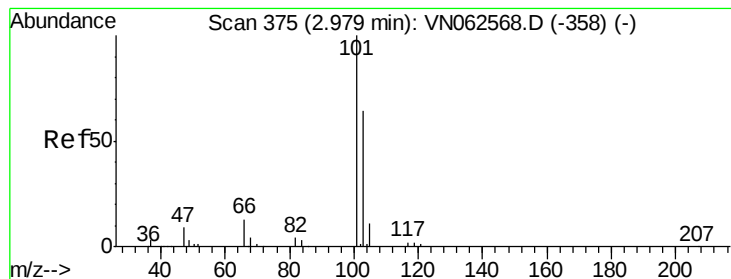
Tgt Ion: 64 Resp: 20631

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.8



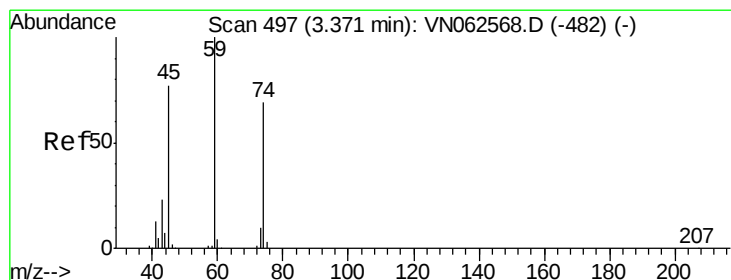
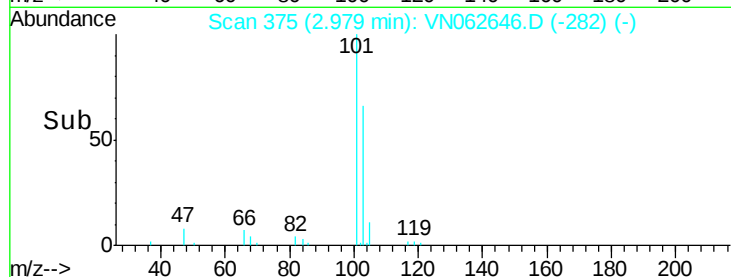
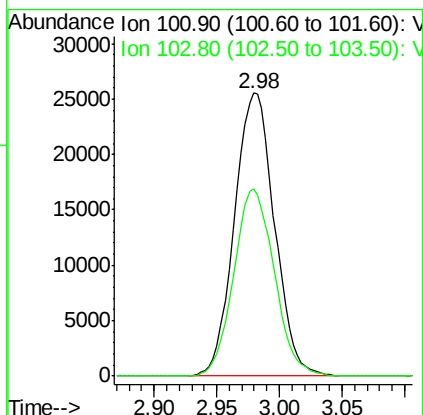
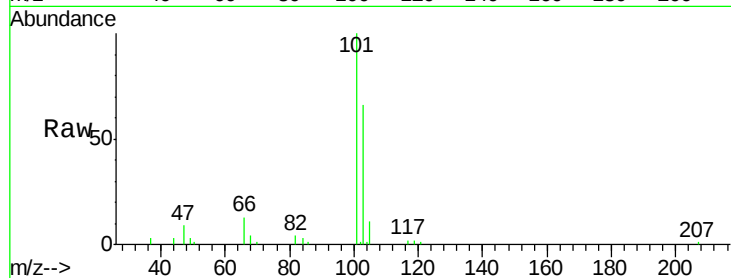


#7

Trichlorofluoromethane
Concen: 22.987 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :

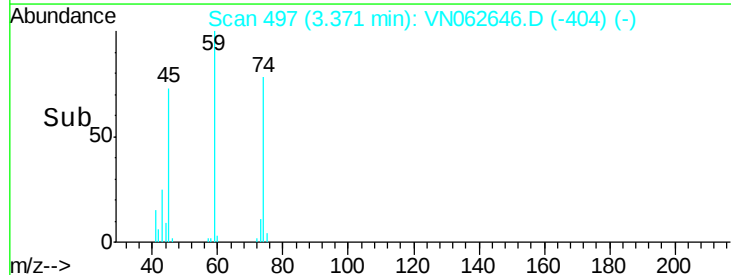
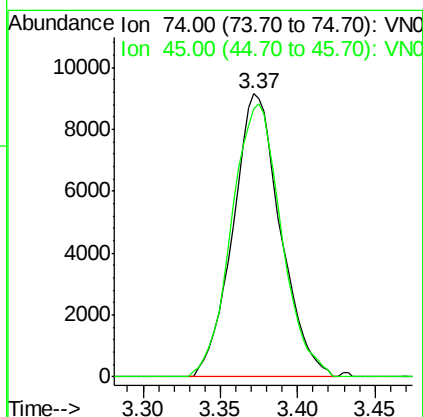
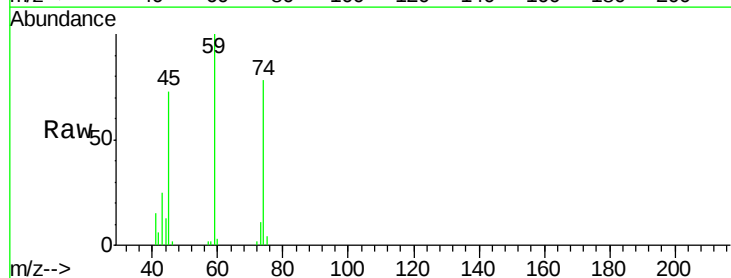
Tot Ion:101 Resp: 56779
Ion Ratio Lower Upper
101 100
103 66.4 51.5 77.3

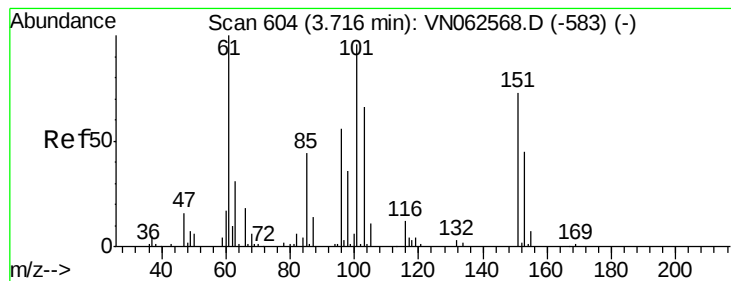


#8

Diethyl Ether
Concen: 16.912 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 74 Resp: 19535
Ion Ratio Lower Upper
74 100
45 100.8 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.954 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

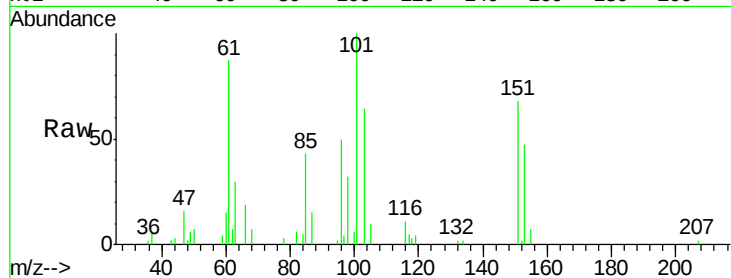
Tot Ion:101 Resp: 30017

Ion Ratio Lower Upper

101 100

85 46.7 36.0 54.0

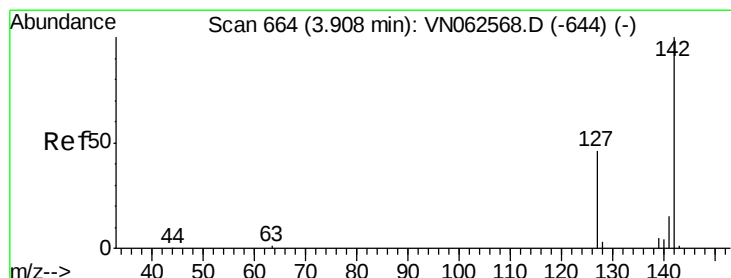
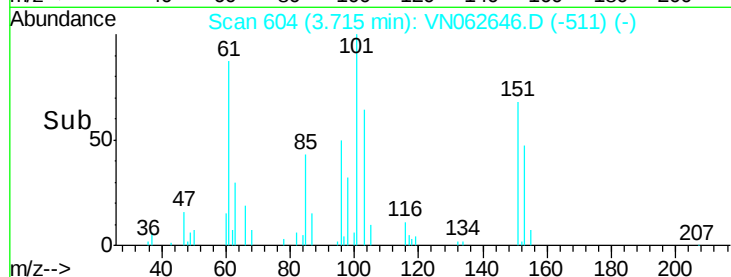
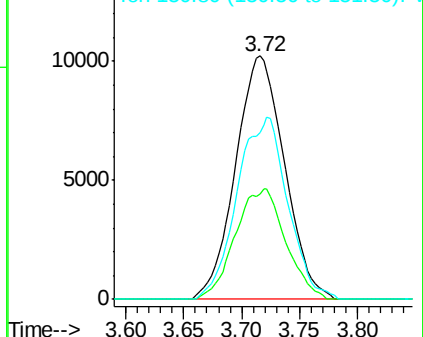
151 77.3 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.348 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

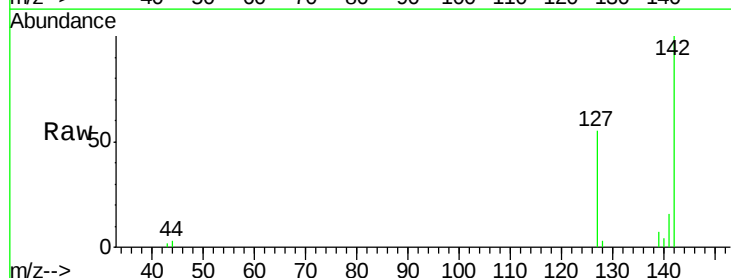
Tgt Ion:142 Resp: 33100

Ion Ratio Lower Upper

142 100

127 52.3 37.4 56.0

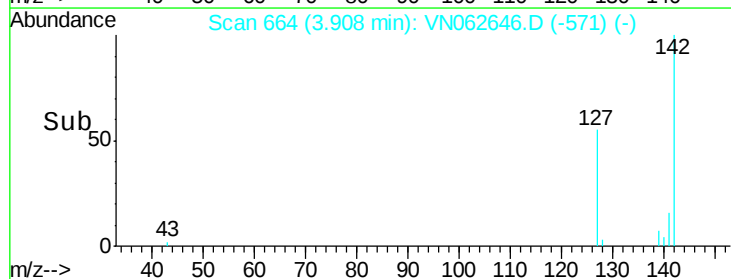
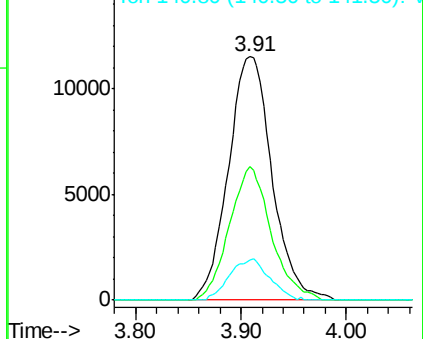
141 15.5 11.9 17.9

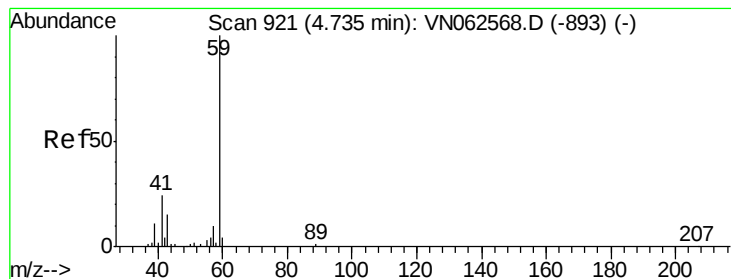


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 82.815 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

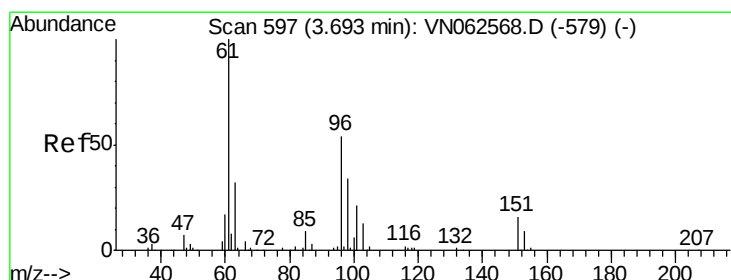
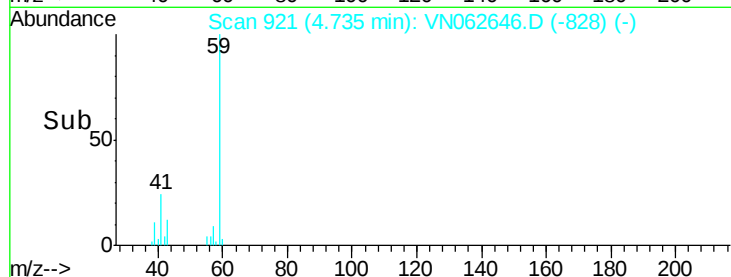
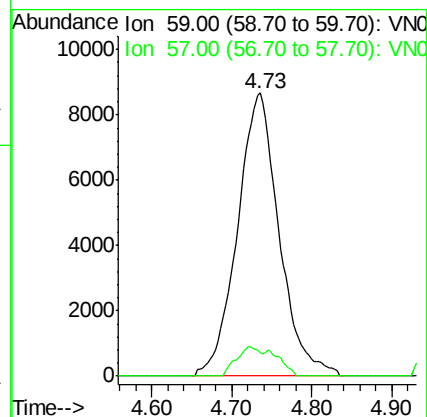
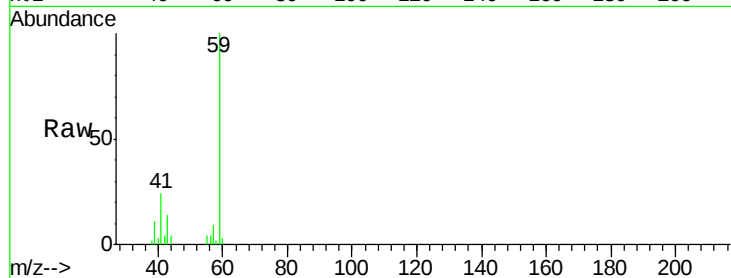
ClientSampleId :

Tot Ion: 59 Resp: 30699

Ion Ratio Lower Upper

59 100

57 6.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 17.519 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

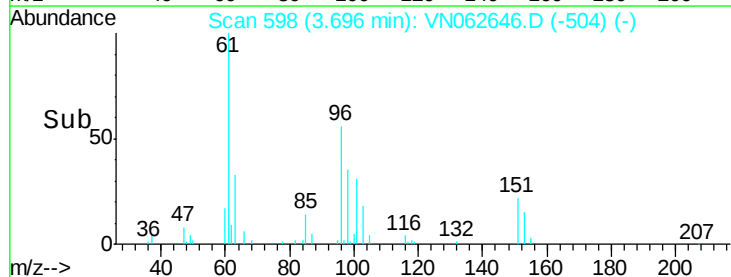
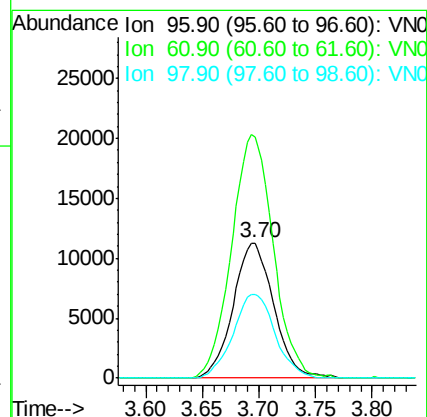
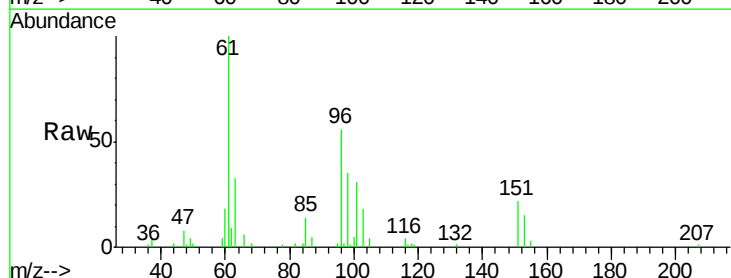
Tgt Ion: 96 Resp: 28138

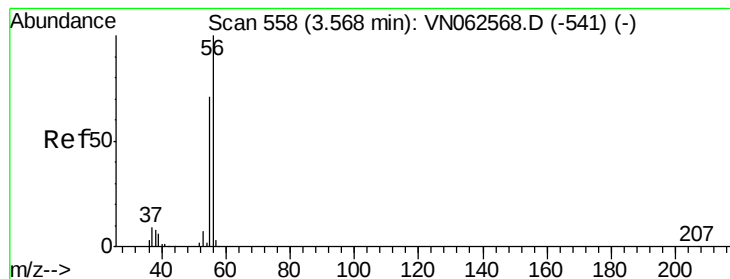
Ion Ratio Lower Upper

96 100

61 178.6 148.6 222.8

98 61.7 50.6 75.8





#13

Acrolein

Concen: 69.602 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

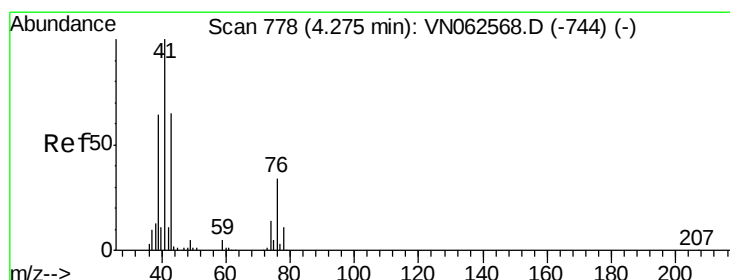
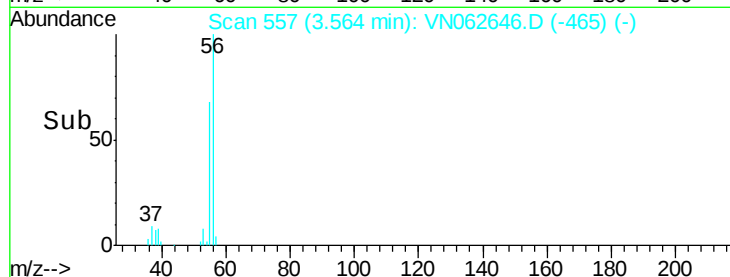
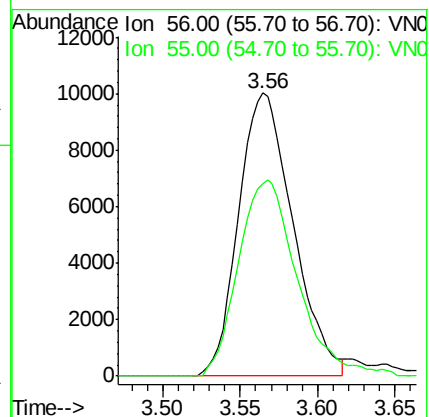
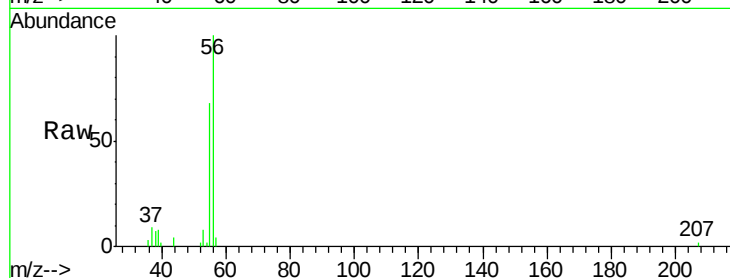
ClientSampled :

Tot Ion: 56 Resp: 24472

Ion Ratio Lower Upper

56 100

55 75.3 57.0 85.4



#14

Allyl chloride

Concen: 15.121 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

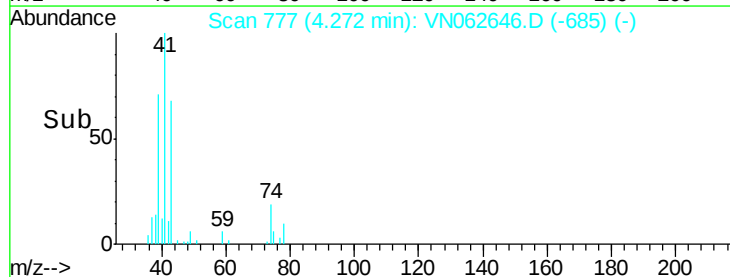
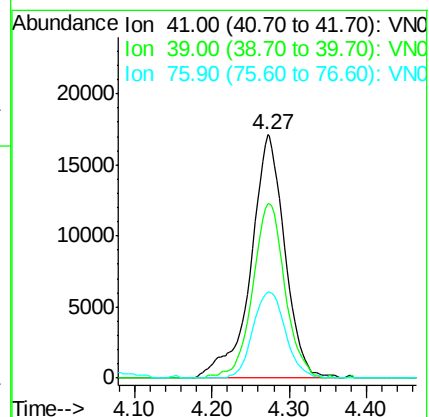
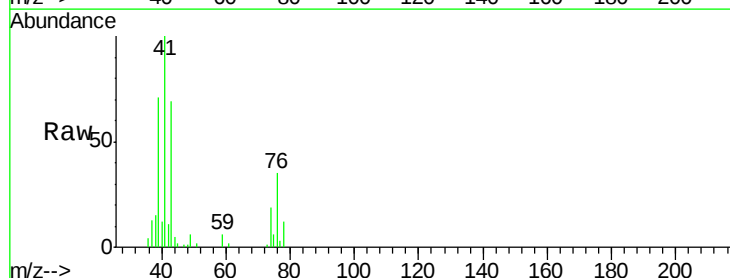
Tgt Ion: 41 Resp: 52534

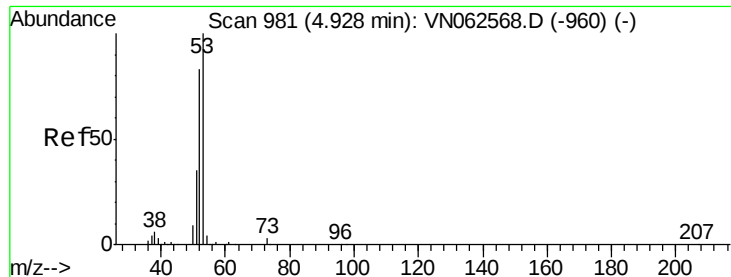
Ion Ratio Lower Upper

41 100

39 68.0 49.0 73.4

76 34.0 24.0 36.0





#15

Acrylonitrile

Concen: 81.593 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

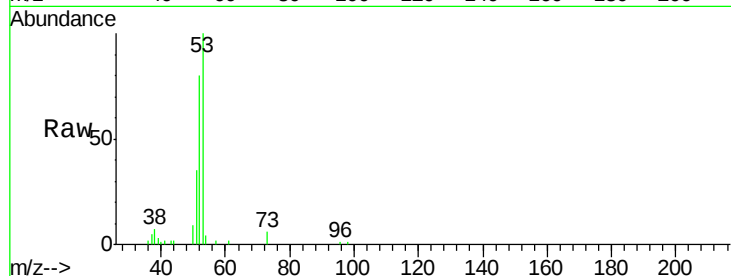
Tot Ion: 53 Resp: 81013

Ion Ratio Lower Upper

53 100

52 82.1 66.3 99.5

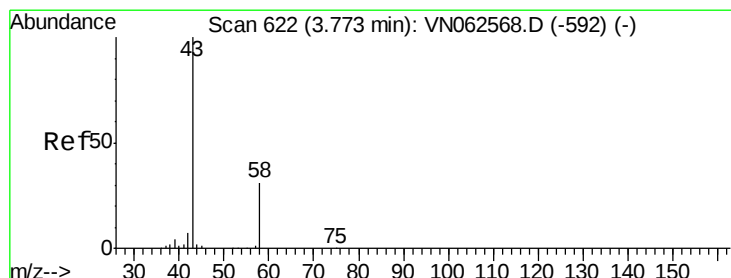
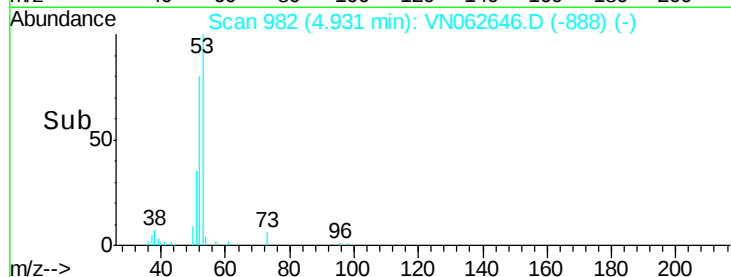
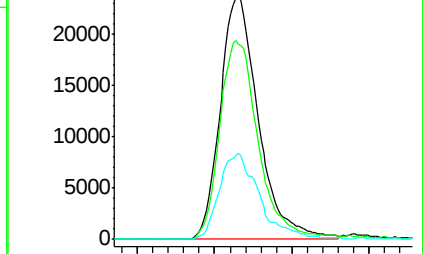
51 37.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062646.D (-982) (-)

Ion 52.00 (51.70 to 52.70): VN062646.D (-982) (-)

Ion 51.00 (50.70 to 51.70): VN062646.D (-982) (-)



#16

Acetone

Concen: 89.951 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062646.D

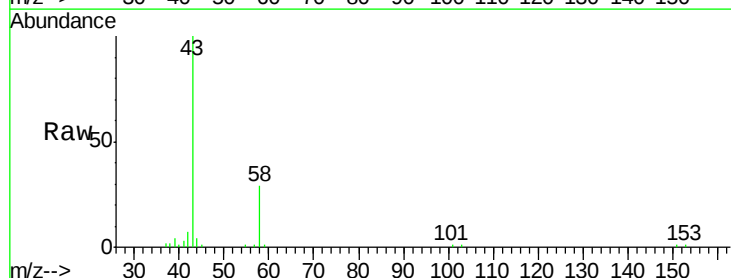
Acq: 29 Jul 2020 11:44

Tgt Ion: 43 Resp: 78876

Ion Ratio Lower Upper

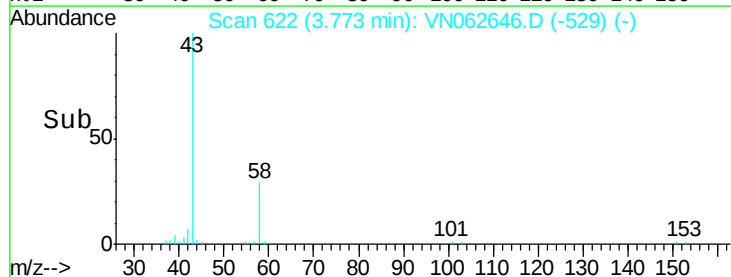
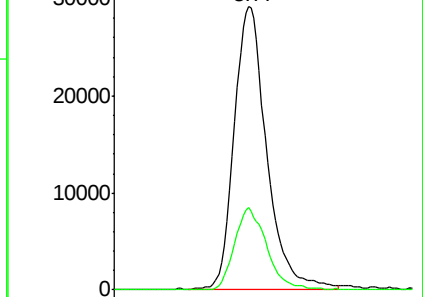
43 100

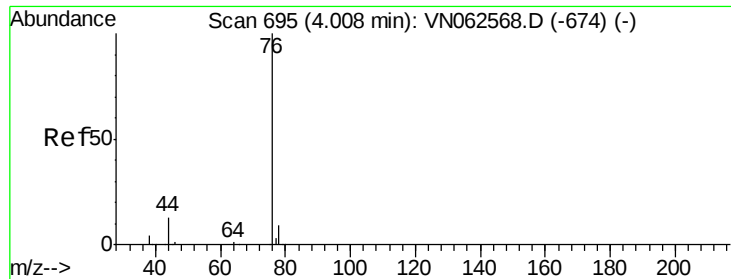
58 29.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062646.D (-622) (-)

Ion 58.00 (57.70 to 58.70): VN062646.D (-622) (-)

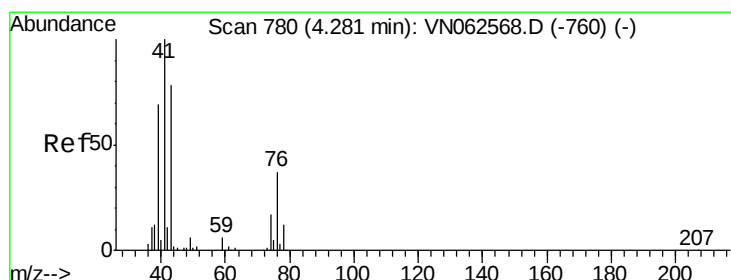
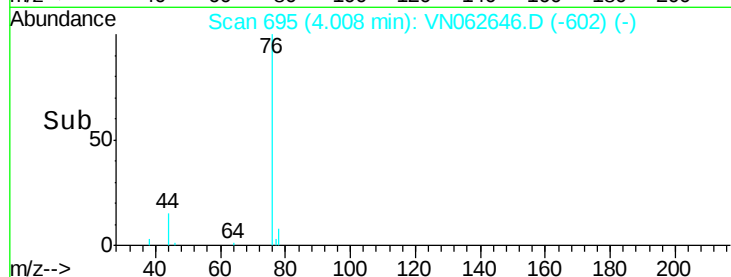
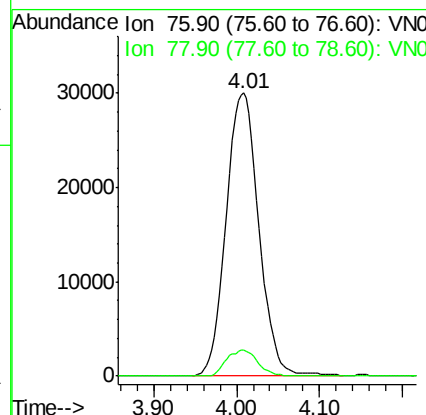
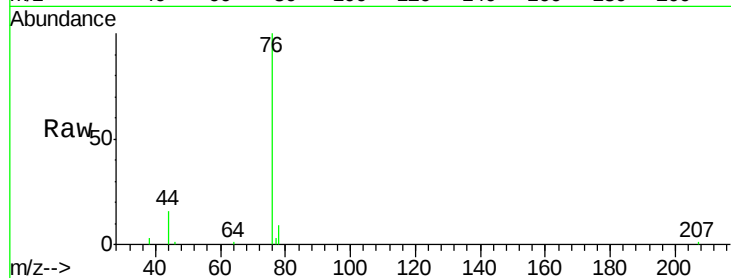




#17
Carbon Disulfide
Concen: 15.622 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

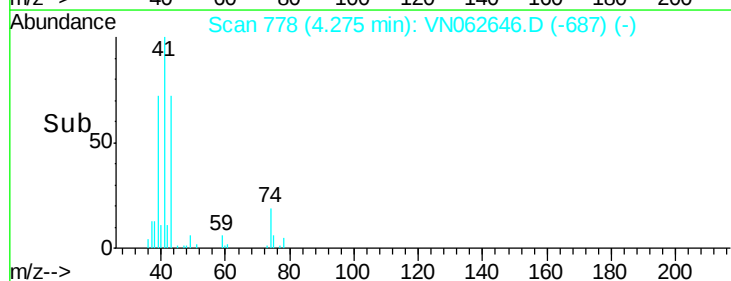
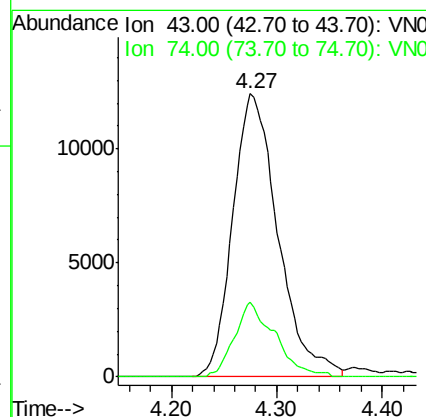
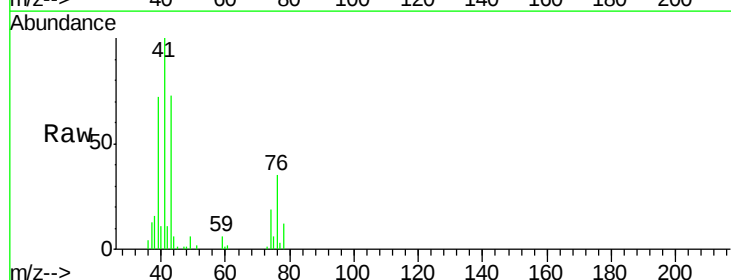
Instrument :
MSVOA_N
ClientSampleId :

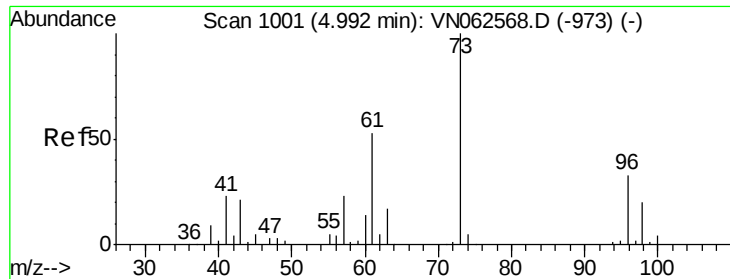
Tot Ion: 76 Resp: 82440
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 16.689 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 43 Resp: 37048
Ion Ratio Lower Upper
43 100
74 23.4 16.6 24.8

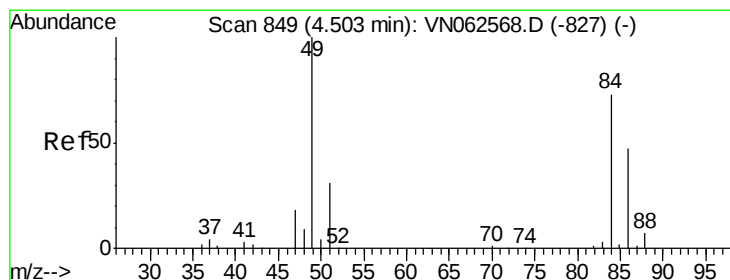
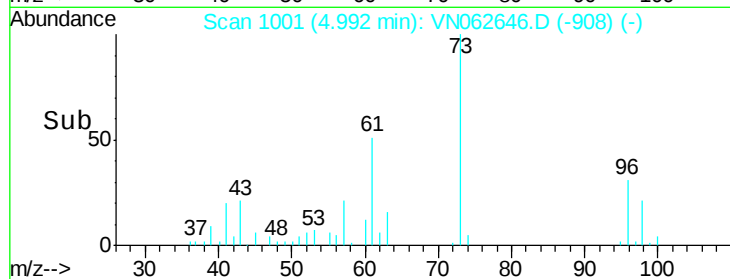
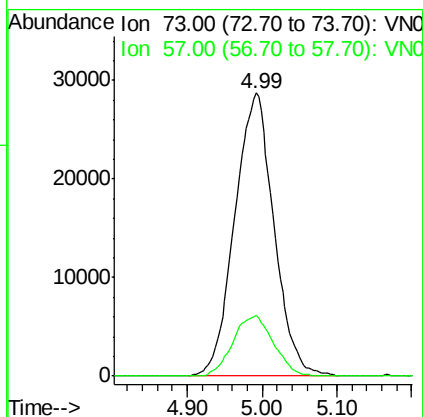
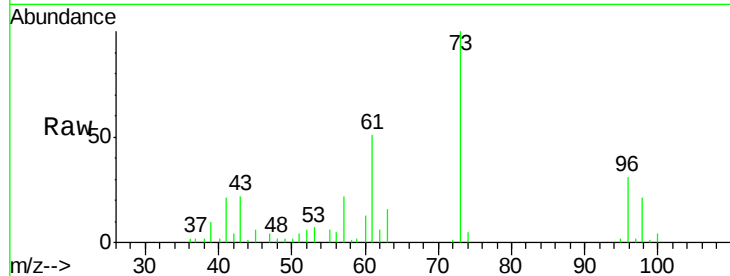




#19
Methvl tert-butvl Ether
Concen: 17.675 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

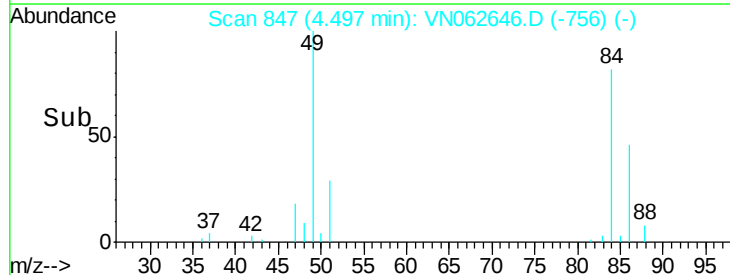
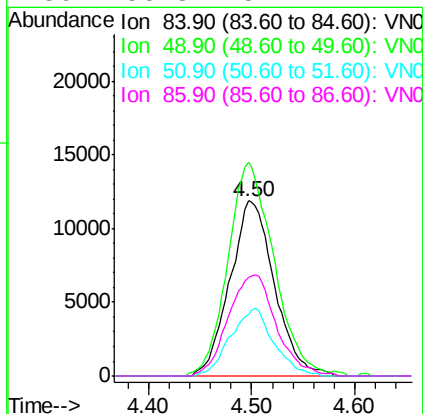
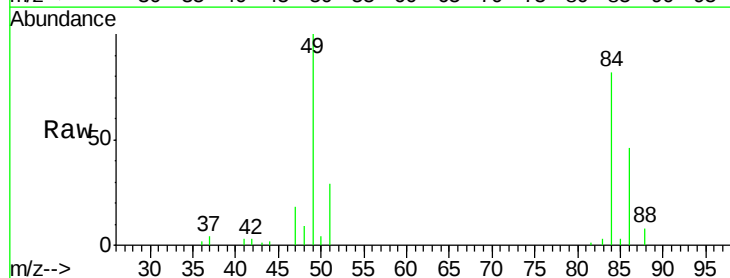
Instrument :
MSVOA_N
ClientSampled :

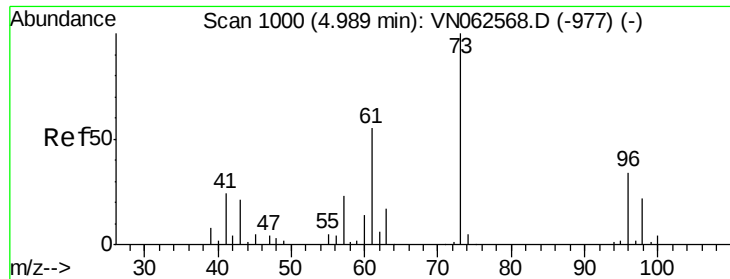
Tot Ion: 73 Resp: 104487
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 16.953 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 84 Resp: 35655
Ion Ratio Lower Upper
84 100
49 120.6 109.4 164.0
51 34.9 33.6 50.4
86 56.3 51.4 77.2

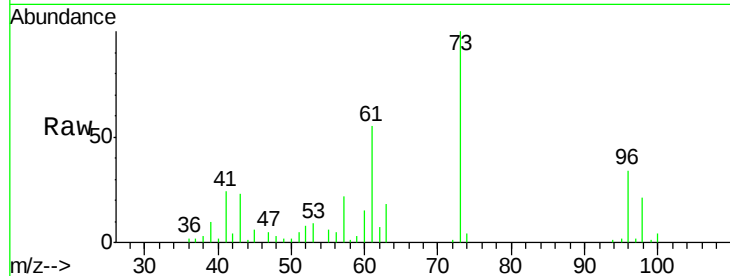




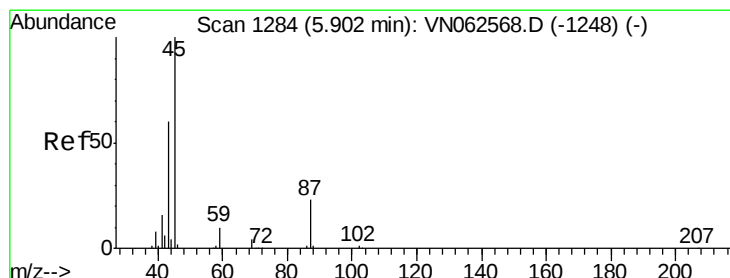
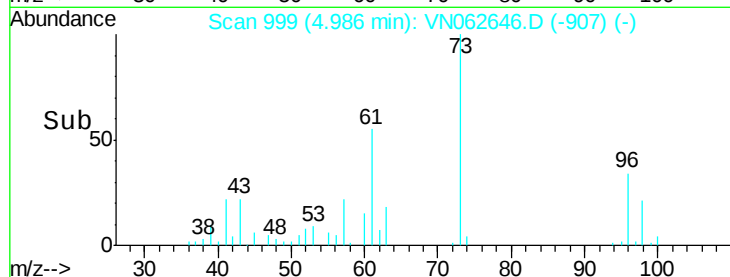
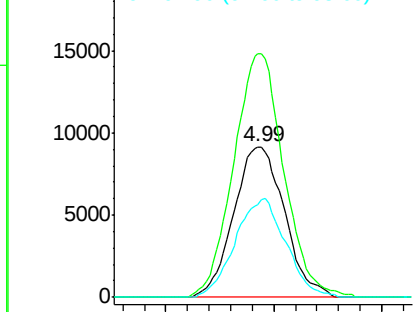
#21
trans-1,2-Dichloroethene
Concen: 16.831 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 30003
Ion Ratio Lower Upper
96 100
61 161.6 128.6 192.8
98 61.8 50.6 76.0

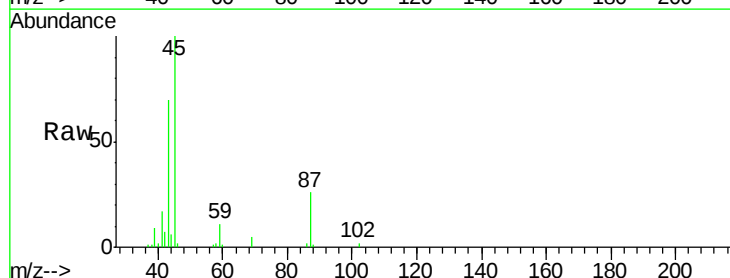


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

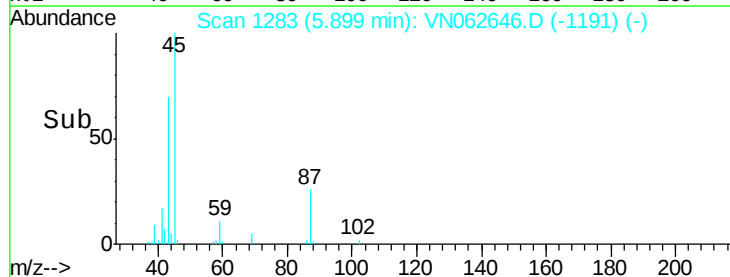
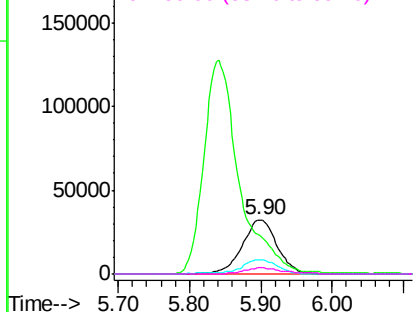


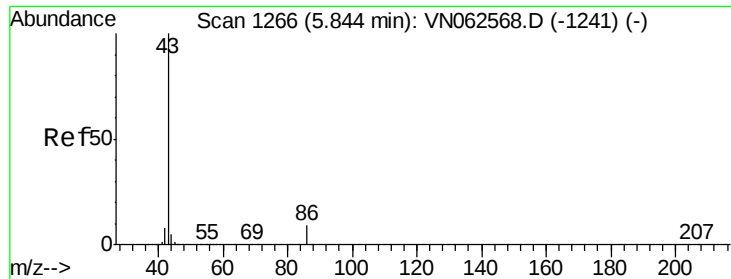
#22
Diisopropyl ether
Concen: 15.994 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 45 Resp: 110451
Ion Ratio Lower Upper
45 100
43 67.8 48.7 73.1
87 26.2 19.0 28.6
59 11.5 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 77.555 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

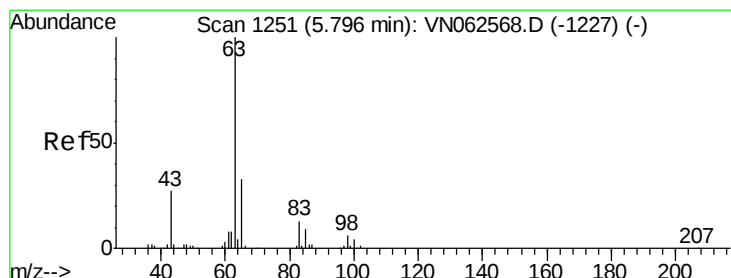
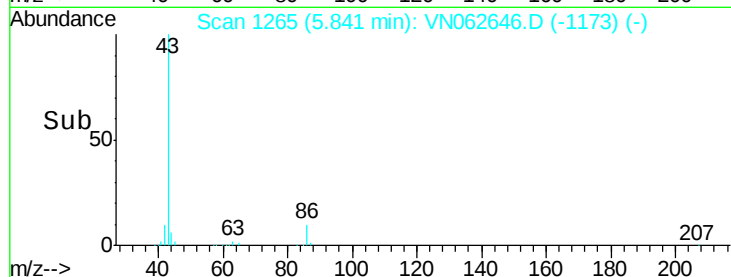
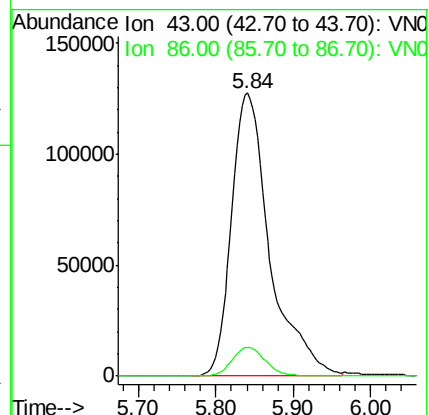
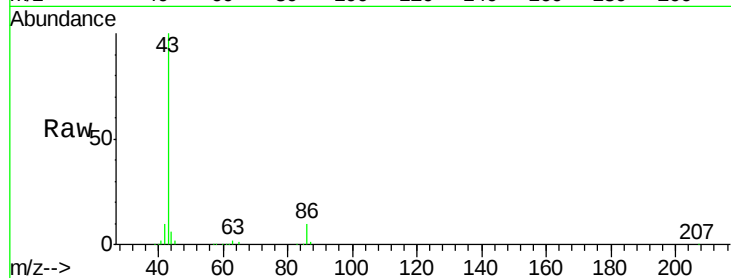
ClientSampled :

Tot Ion: 43 Resp: 438849

Ion Ratio Lower Upper

43 100

86 10.3 6.9 10.3



#24

1,1-Dichloroethane

Concen: 16.949 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

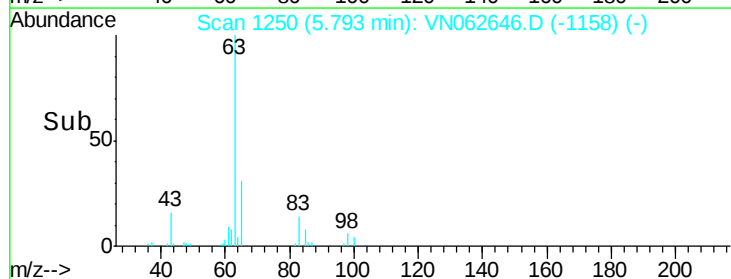
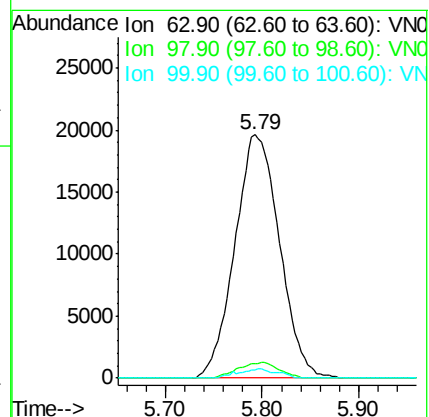
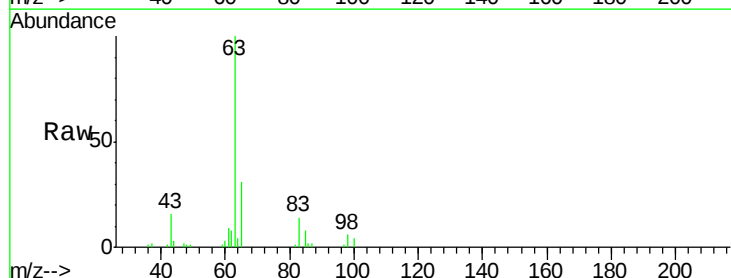
Tgt Ion: 63 Resp: 63030

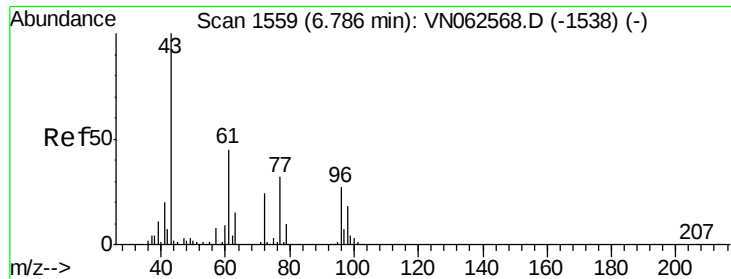
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.6 1.8 5.4





#25

2-Butanone

Concen: 80.669 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

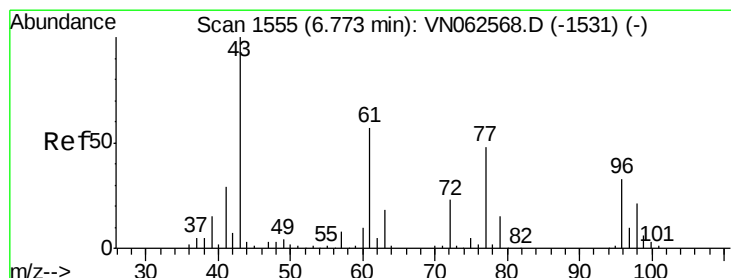
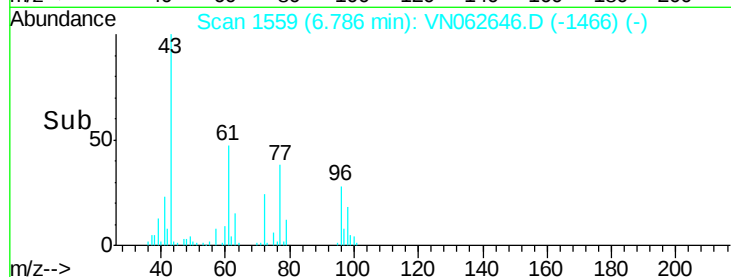
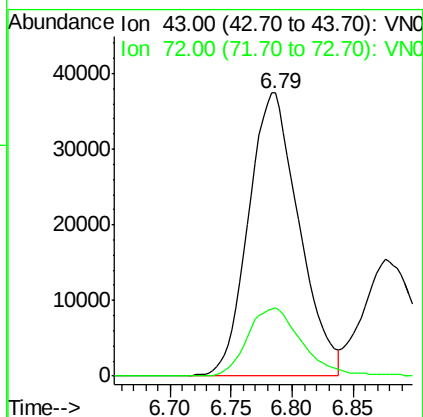
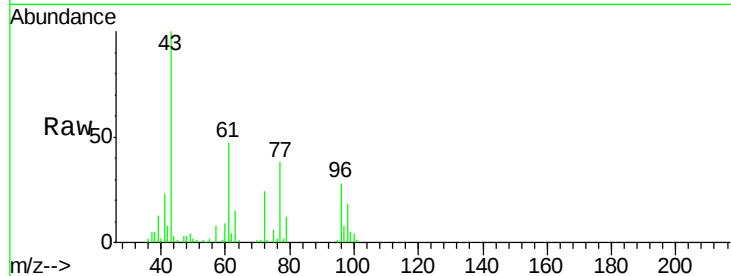
ClientSampled :

Tot Ion: 43 Resp: 107730

Ion Ratio Lower Upper

43 100

72 24.0 19.0 28.6



#26

2,2-Dichloropropane

Concen: 19.009 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062646.D

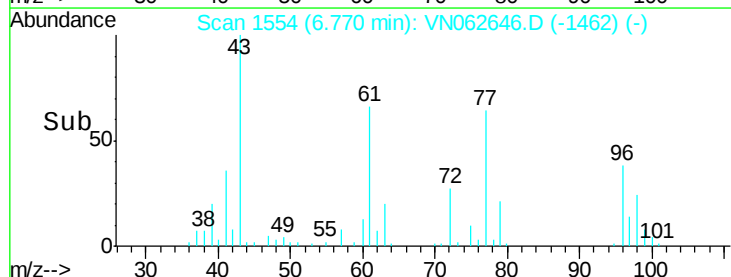
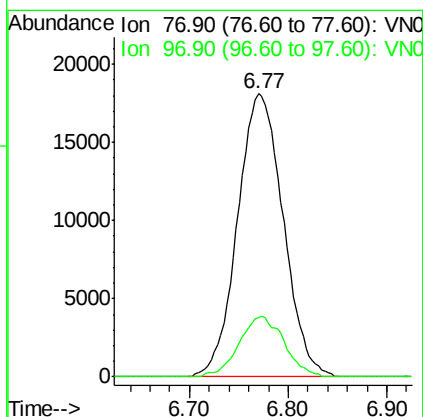
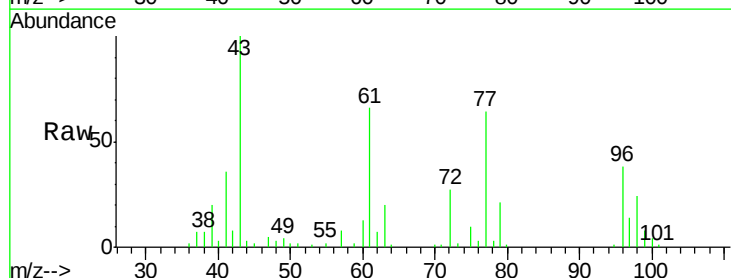
Acq: 29 Jul 2020 11:44

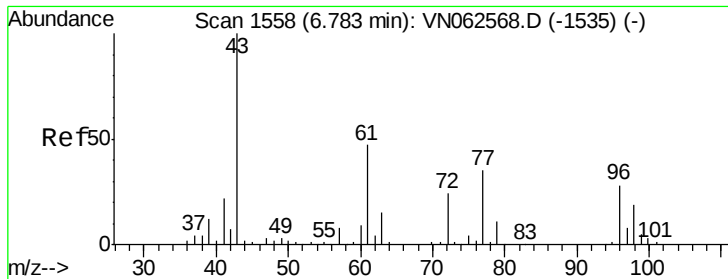
Tgt Ion: 77 Resp: 58030

Ion Ratio Lower Upper

77 100

97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 16.964 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampled :

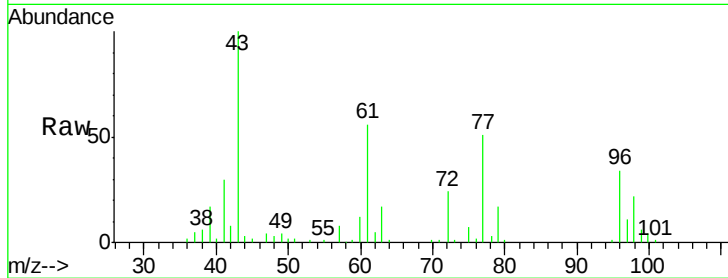
Tot Ion: 96 Resp: 34507

Ion Ratio Lower Upper

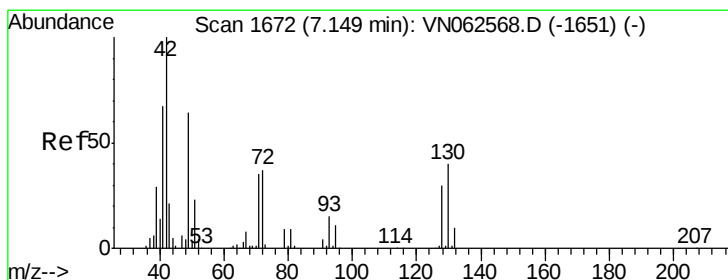
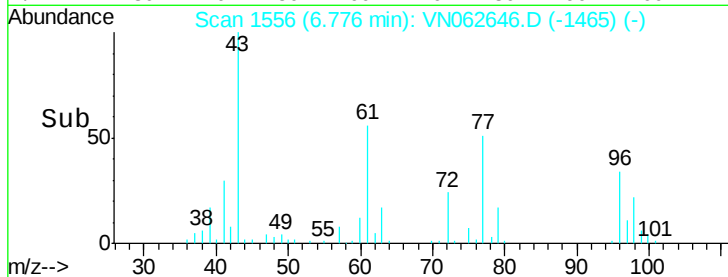
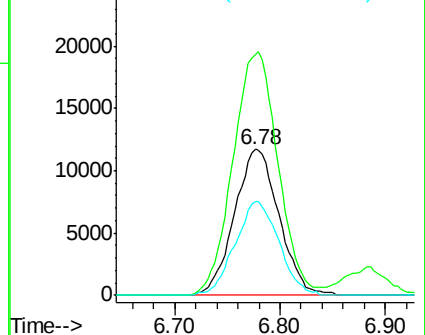
96 100

61 167.8 0.0 332.4

98 63.1 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 15.744 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

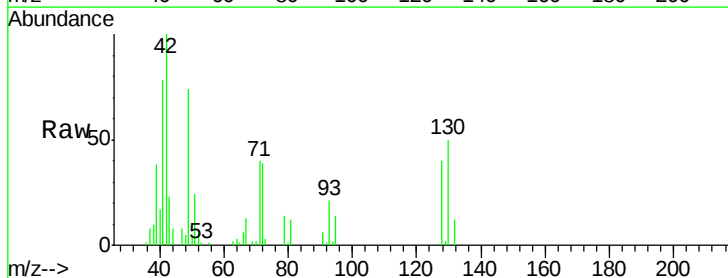
Tgt Ion: 49 Resp: 28814

Ion Ratio Lower Upper

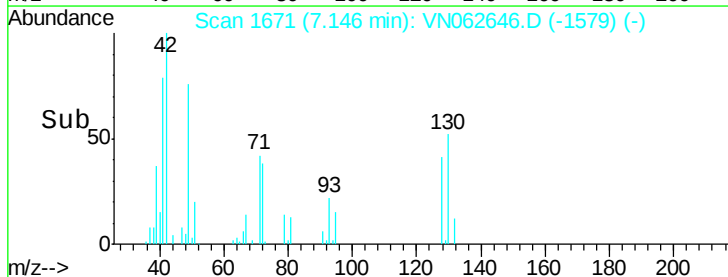
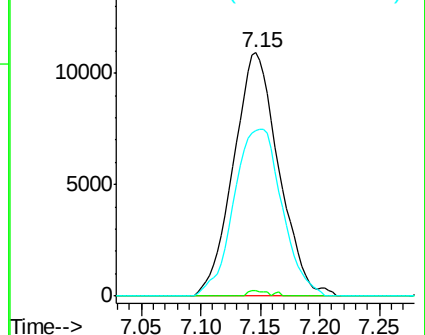
49 100

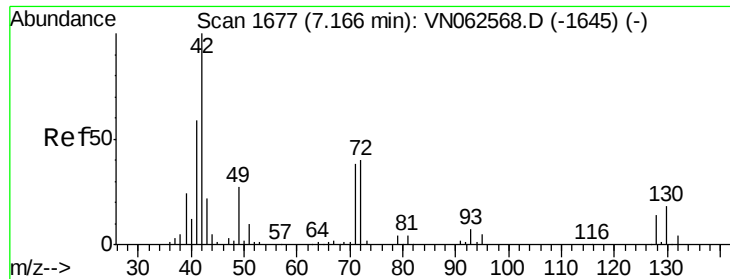
129 0.8 0.0 3.4

130 72.8 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

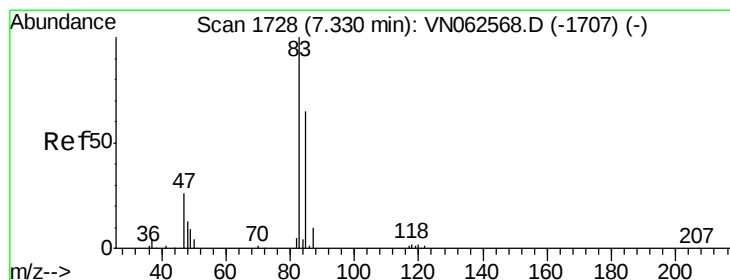
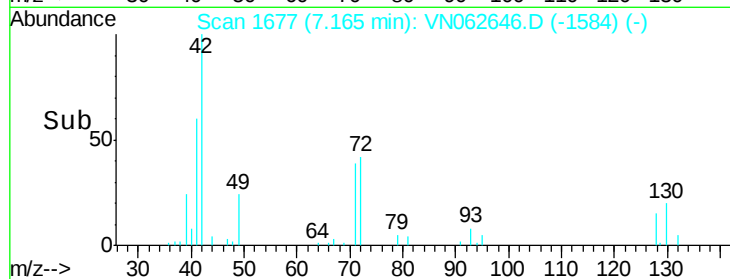
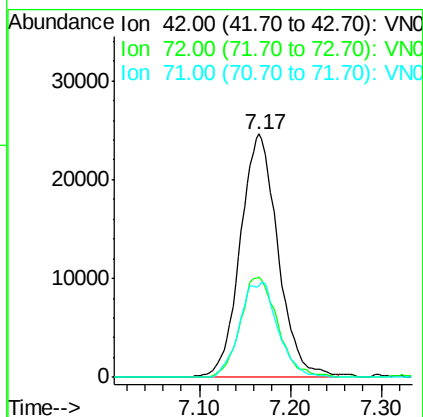
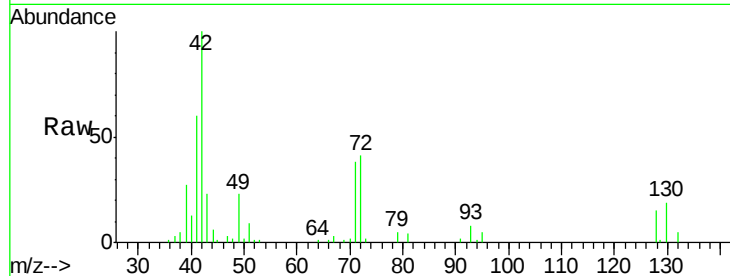




#29
Tetrahydrofuran
Concen: 78.359 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

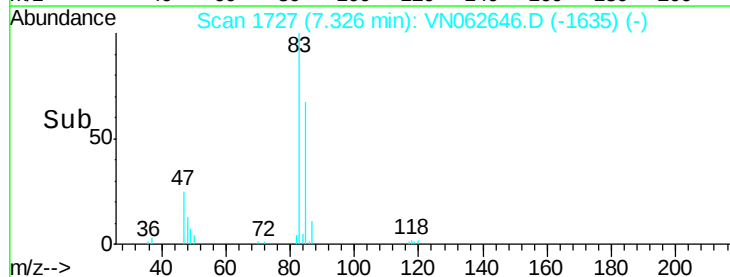
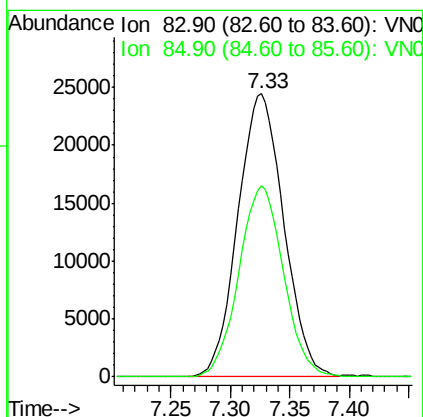
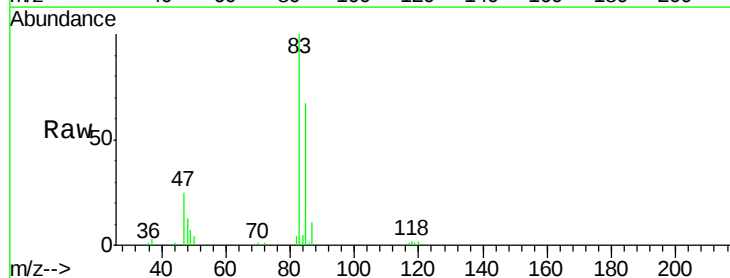
Instrument :
MSVOA_N
ClientSampleId :

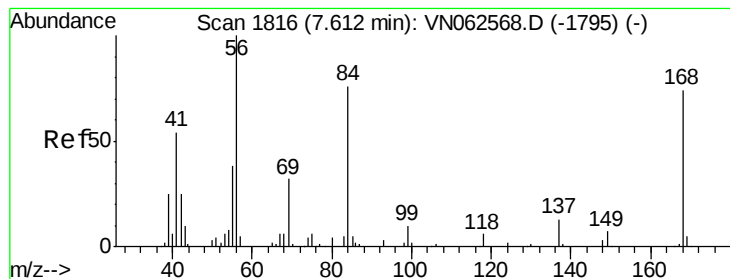
Tot Ion: 42 Resp: 70809
Ion Ratio Lower Upper
42 100
72 41.1 30.7 46.1
71 39.5 29.1 43.7



#30
Chloroform
Concen: 18.465 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 83 Resp: 65288
Ion Ratio Lower Upper
83 100
85 67.4 52.0 78.0





#31

Cyclohexane

Concen: 15.896 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :

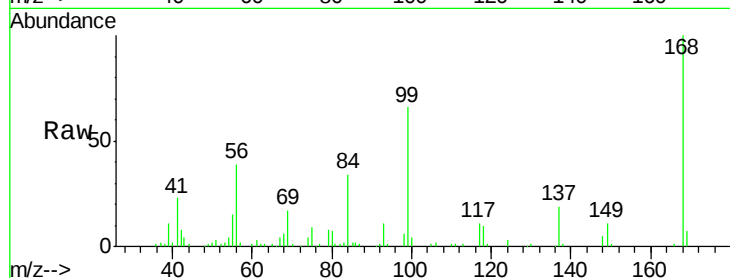
Tot Ion: 56 Resp: 54581

Ion Ratio Lower Upper

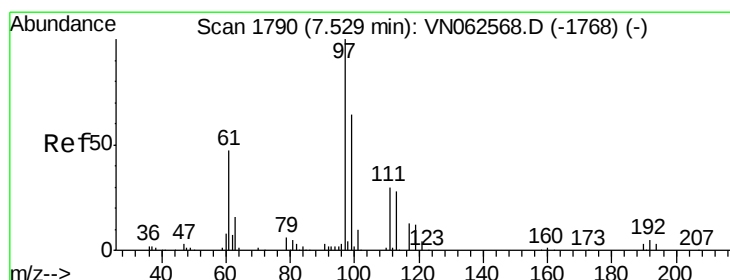
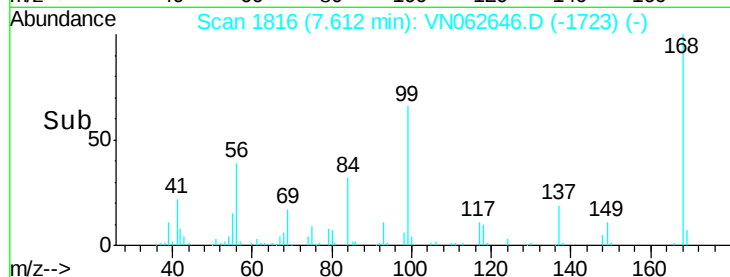
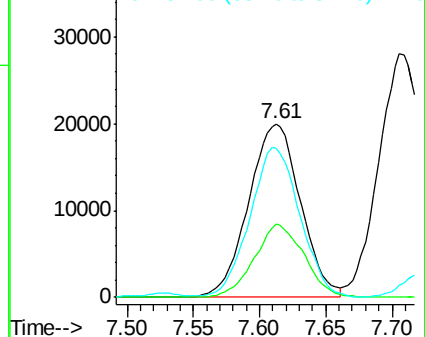
56 100

69 42.4 25.3 37.9#

84 85.2 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.126 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

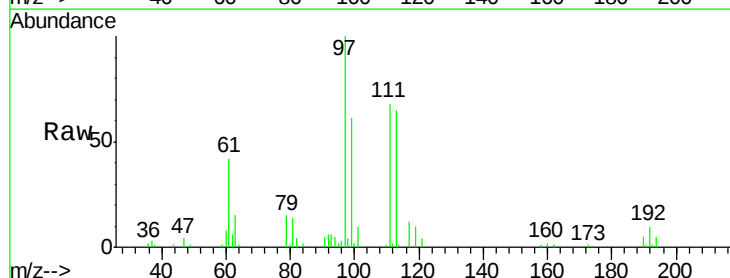
Tgt Ion: 97 Resp: 59414

Ion Ratio Lower Upper

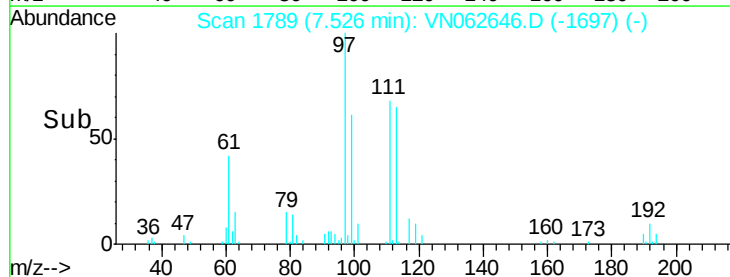
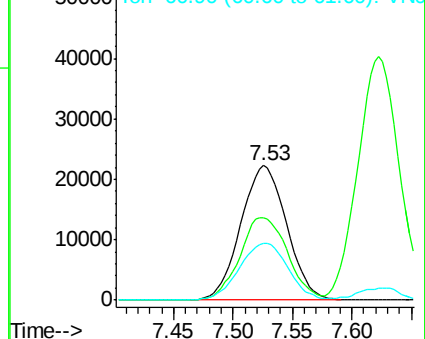
97 100

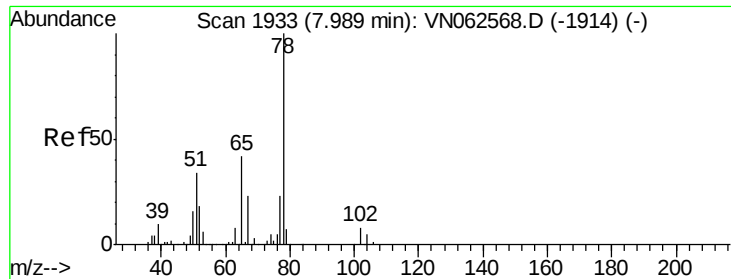
99 63.7 51.2 76.8

61 44.8 38.4 57.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

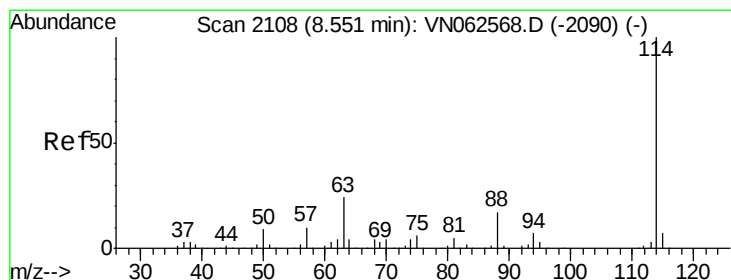
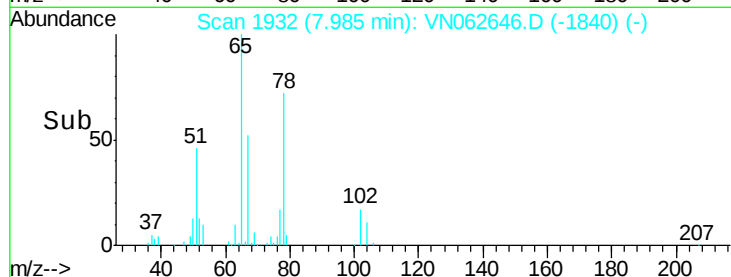
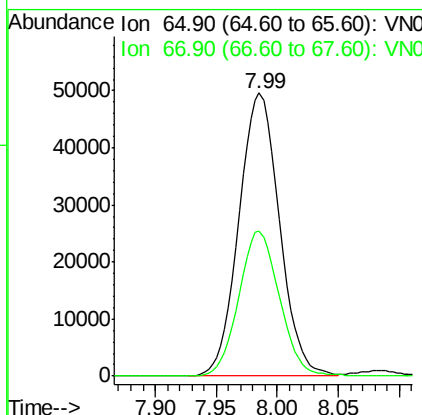
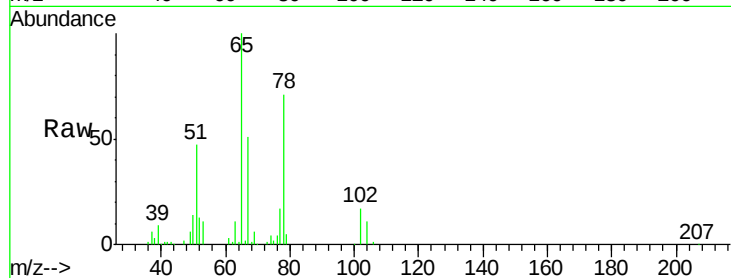




#33
 1,2-Dichloroethane-d4
 Concen: 49.030 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

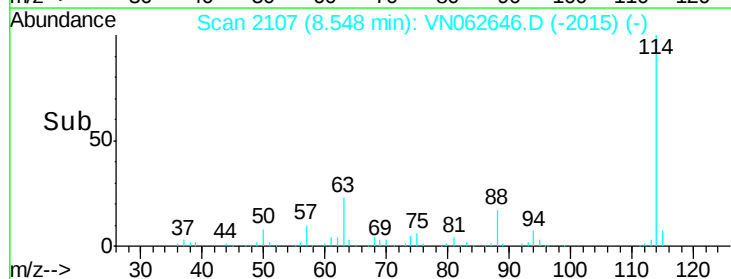
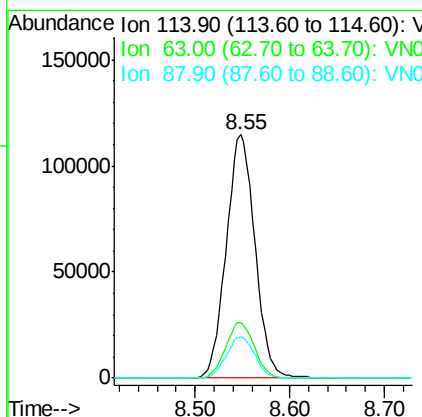
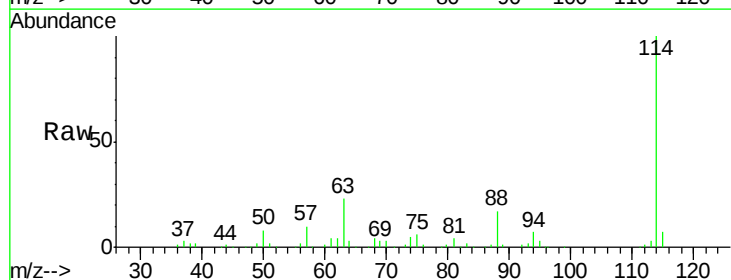
Instrument :
 MSVOA_N
 ClientSampleId :

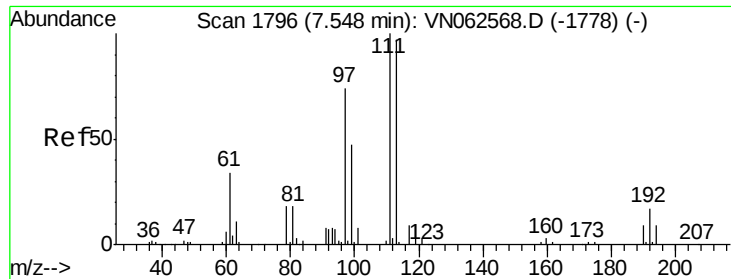
Tot Ion: 65 Resp: 114251
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 114 Resp: 242345
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 48.4
 88 16.8 0.0 33.8

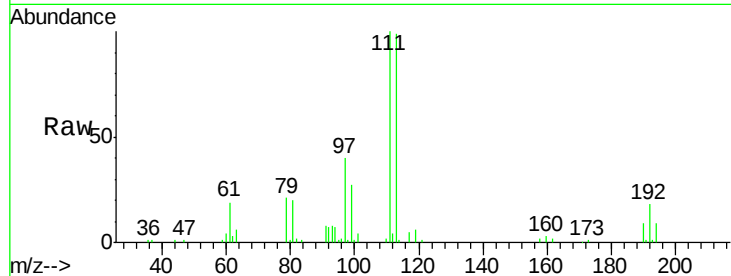




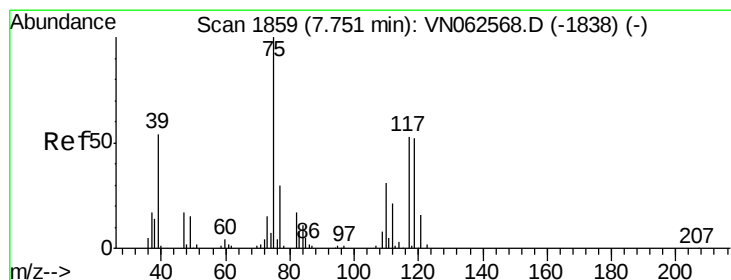
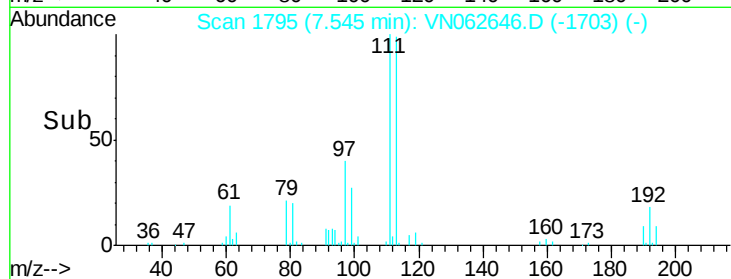
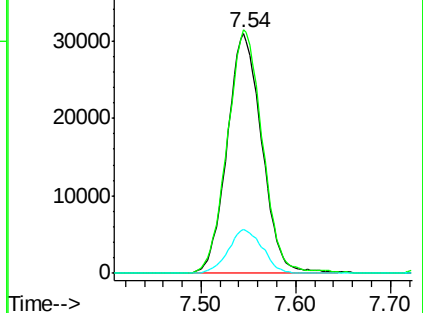
#35
 Dibromofluoromethane
 Concen: 49.404 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 78644
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 17.9 14.8 22.2

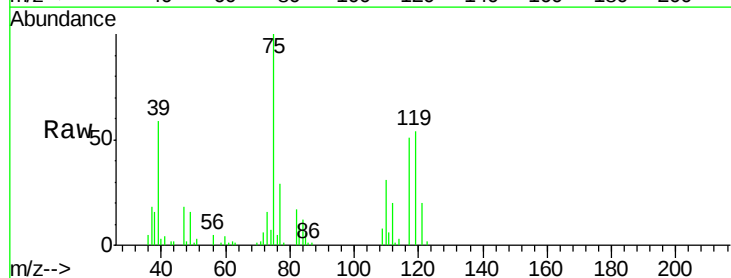


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

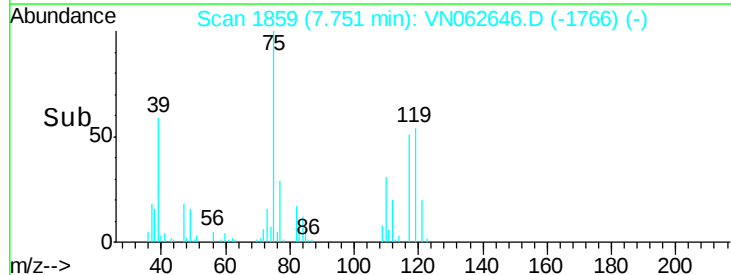
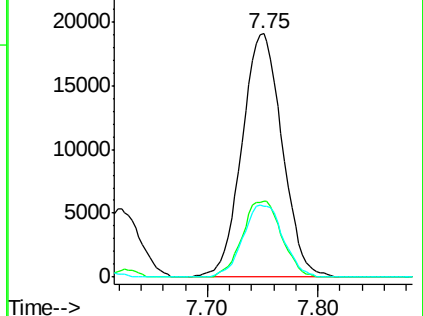


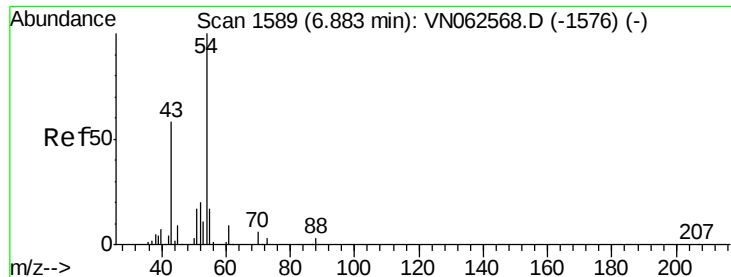
#36
 1,1-Dichloropropene
 Concen: 18.638 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 75 Resp: 48144
 Ion Ratio Lower Upper
 75 100
 110 30.4 16.0 48.0
 77 29.5 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

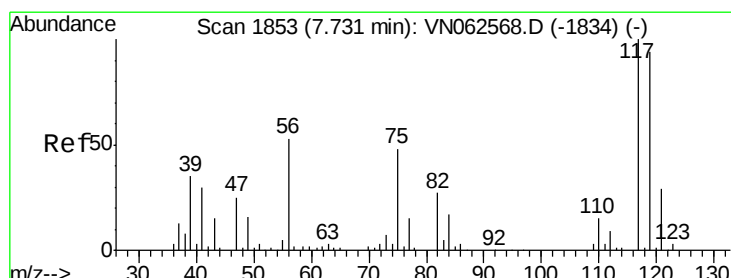
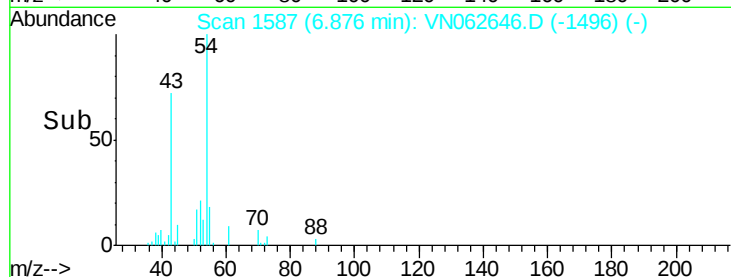
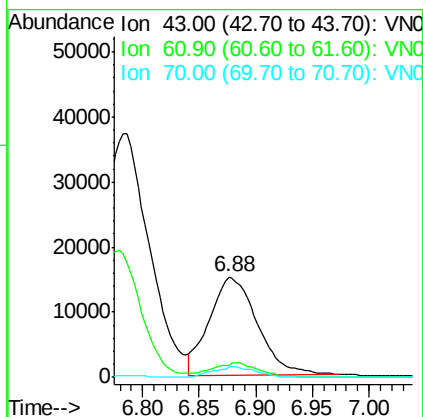
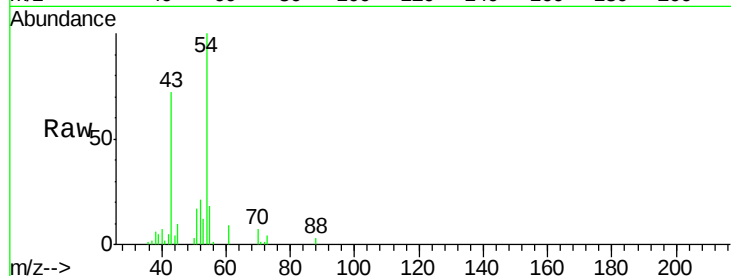




#37
Ethyl Acetate
Concen: 16.145 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

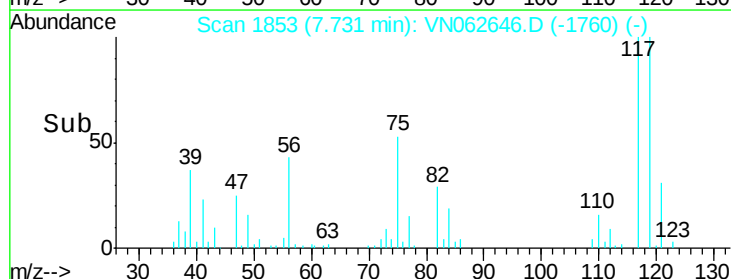
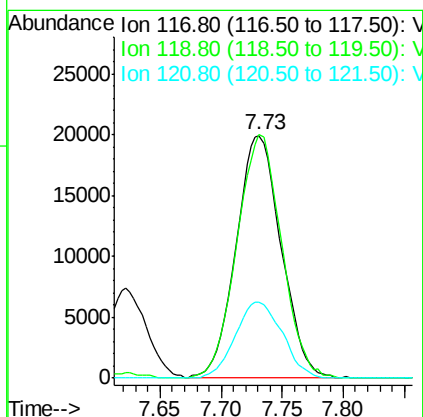
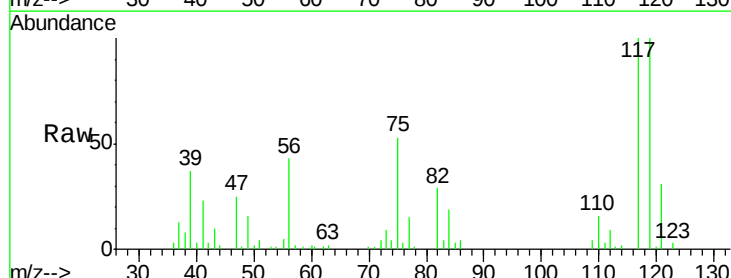
Instrument :
MSVOA_N
ClientSampled :

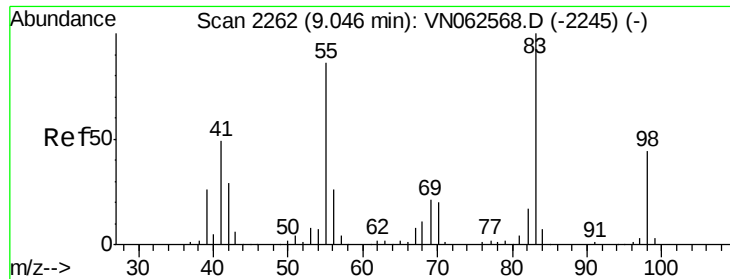
Tot Ion: 43 Resp: 44956
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.529 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 117 Resp: 50973
Ion Ratio Lower Upper
117 100
119 100.3 74.8 112.2
121 31.3 23.0 34.6

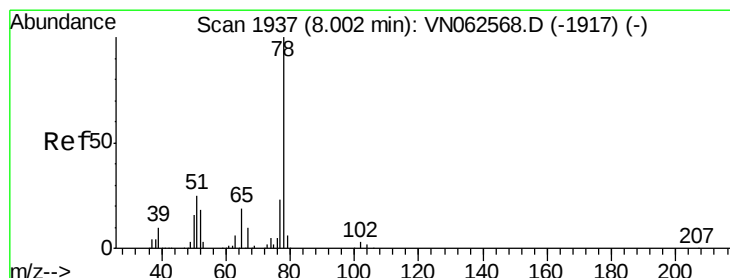
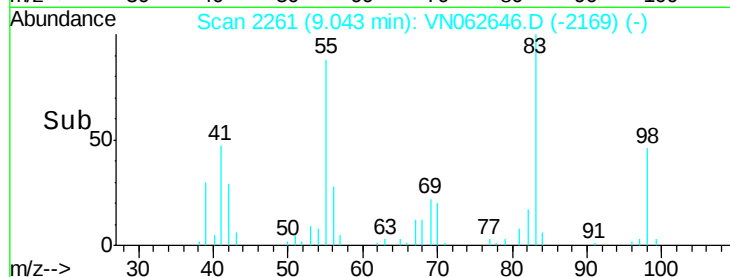
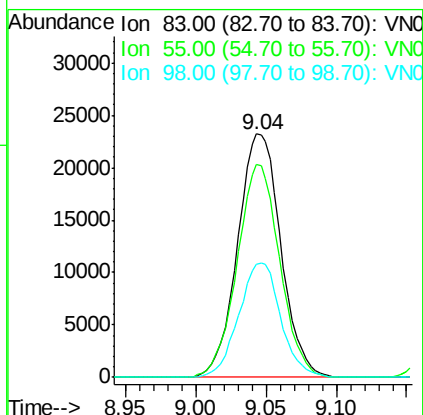
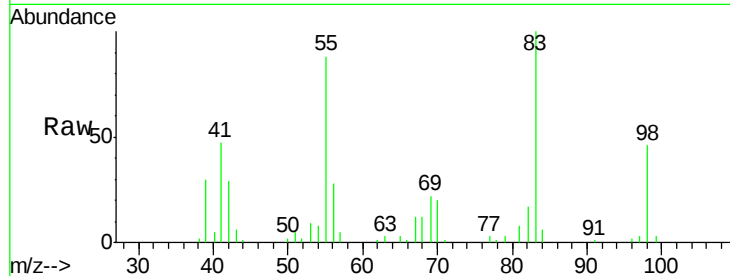




#39
Methvlcvclohexane
Concen: 17.923 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

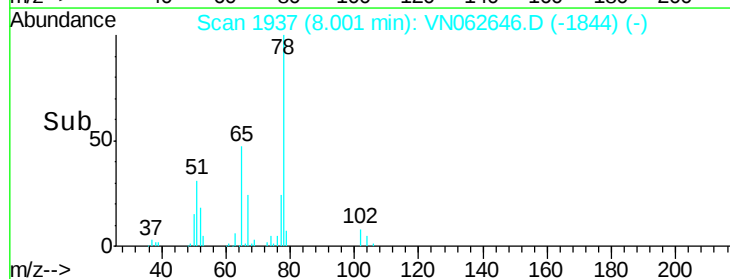
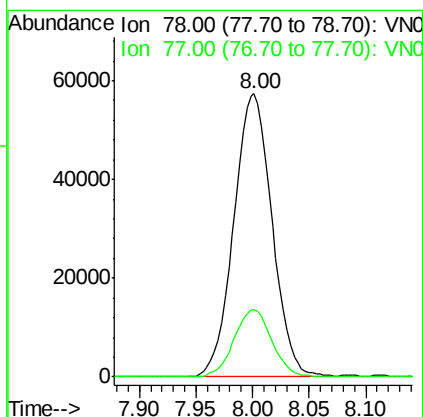
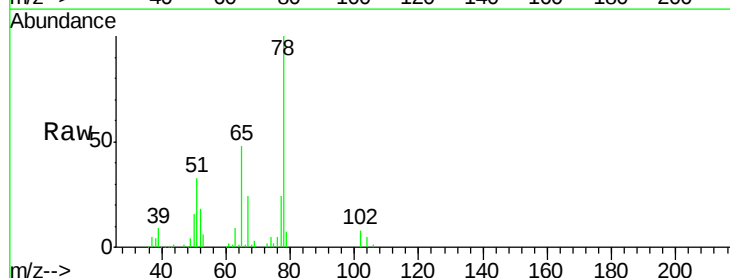
Instrument :
MSVOA_N
ClientSampled :

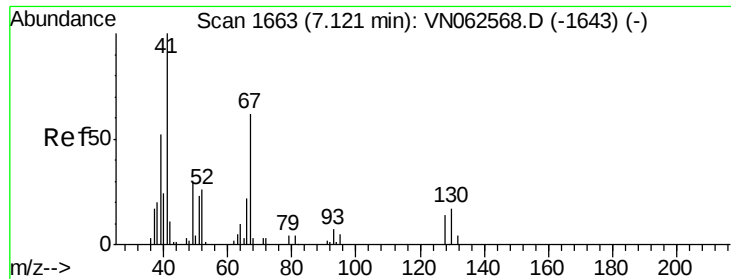
Tot Ion: 83 Resp: 49838
Ion Ratio Lower Upper
83 100
55 87.6 68.9 103.3
98 46.2 35.1 52.7



#40
Benzene
Concen: 17.243 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 78 Resp: 134850
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

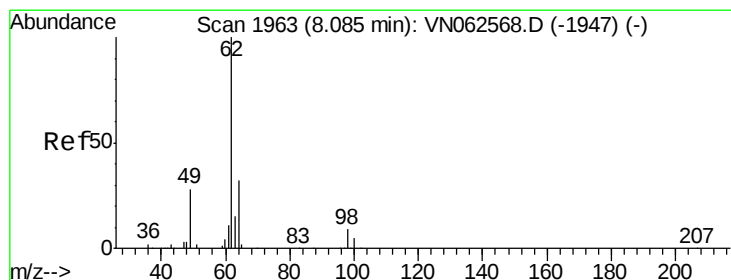
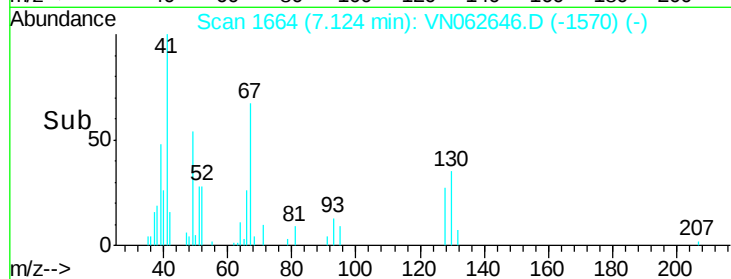
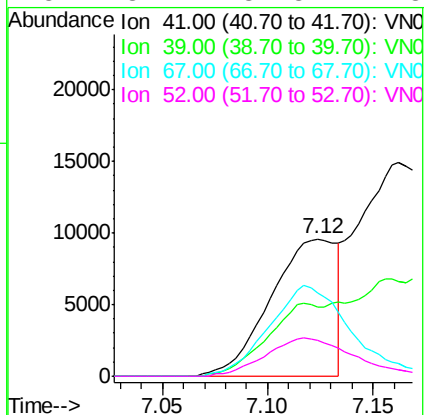
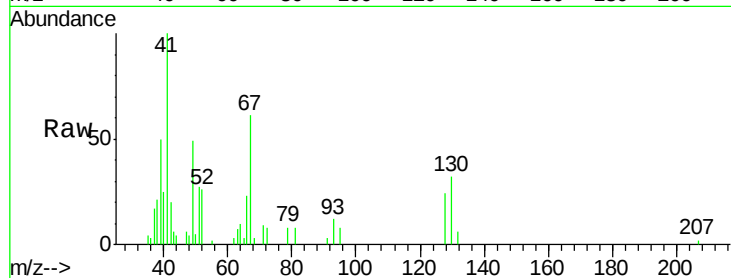




#41
Methacrylonitrile
Concen: 17.542 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

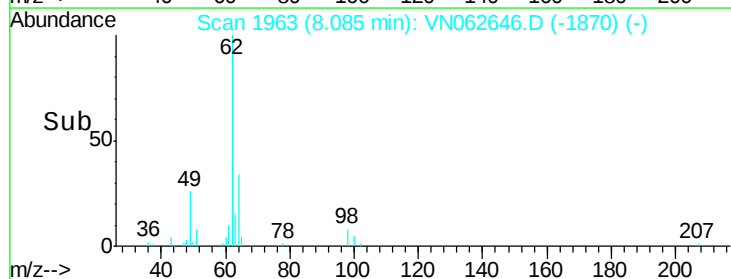
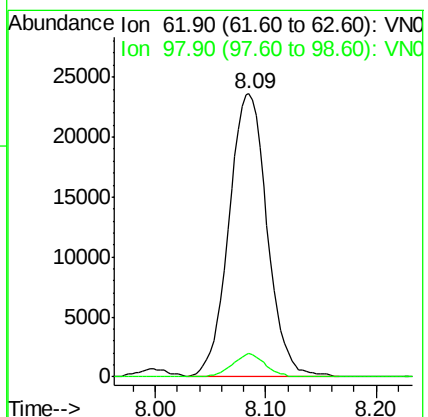
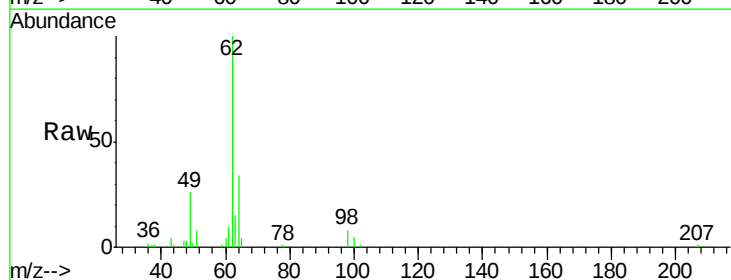
Instrument :
MSVOA_N
ClientSampled :

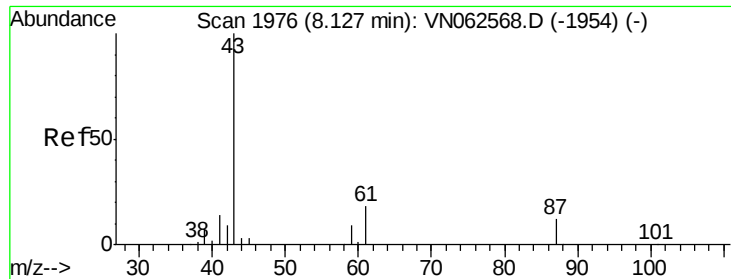
Tot Ion: 41 Resp: 20934
Ion Ratio Lower Upper
41 100
39 40.5 55.8 83.6#
67 81.8 72.5 108.7
52 37.4 31.8 47.8



#42
1,2-Dichloroethane
Concen: 19.834 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 62 Resp: 56708
Ion Ratio Lower Upper
62 100
98 7.0 0.0 16.2





#43

Isopropyl Acetate

Concen: 16.076 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampled :

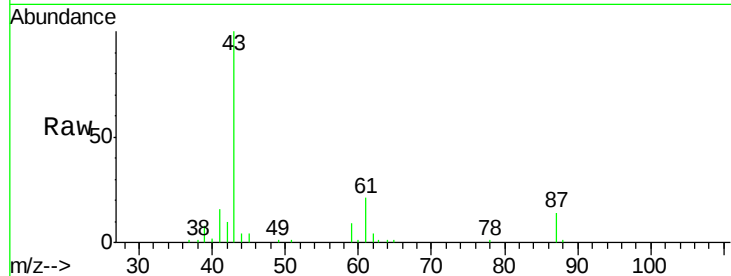
Tot Ion: 43 Resp: 72164

Ion Ratio Lower Upper

43 100

61 28.1 20.8 31.2

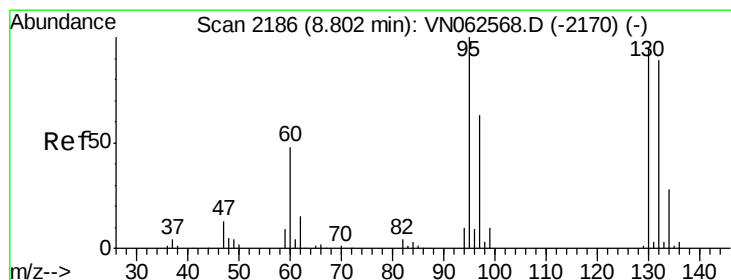
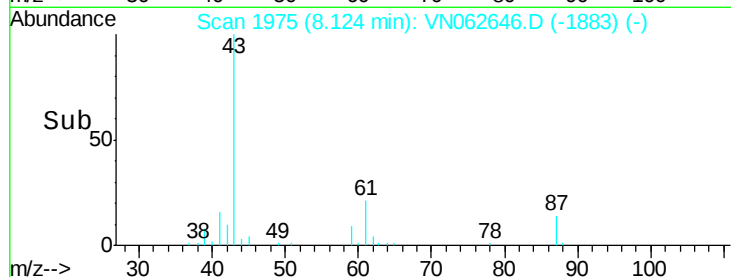
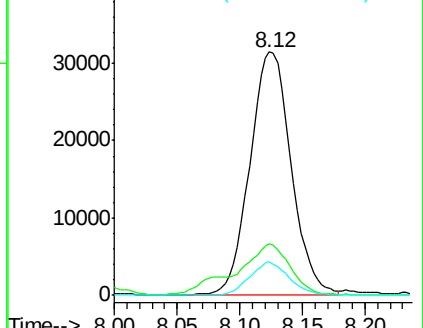
87 12.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062646.D (-1975) (-)

Ion 61.00 (60.70 to 61.70): VN062646.D (-1975) (-)

Ion 87.00 (86.70 to 87.70): VN062646.D (-1975) (-)



#44

Trichloroethene

Concen: 18.182 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062646.D

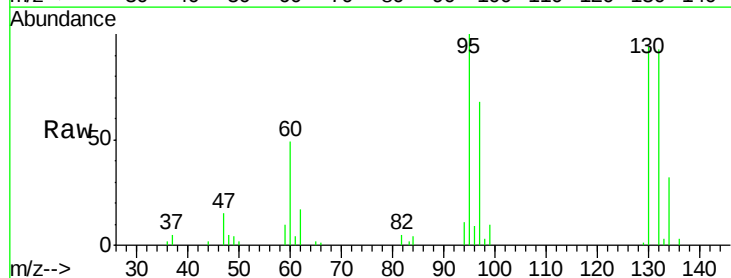
Acq: 29 Jul 2020 11:44

Tgt Ion:130 Resp: 32065

Ion Ratio Lower Upper

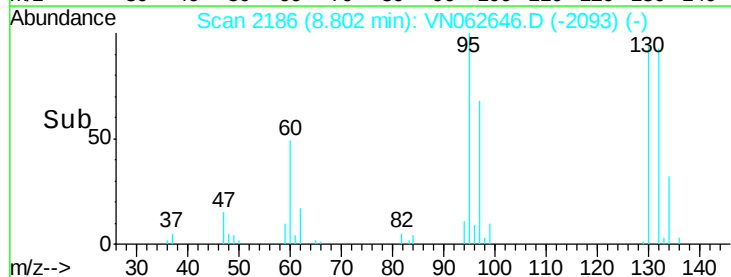
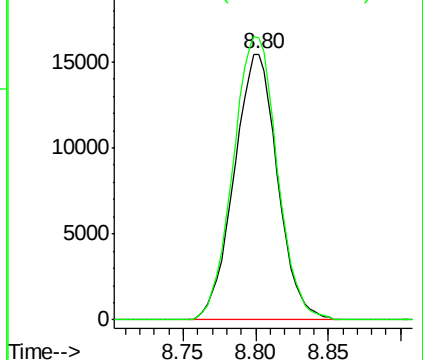
130 100

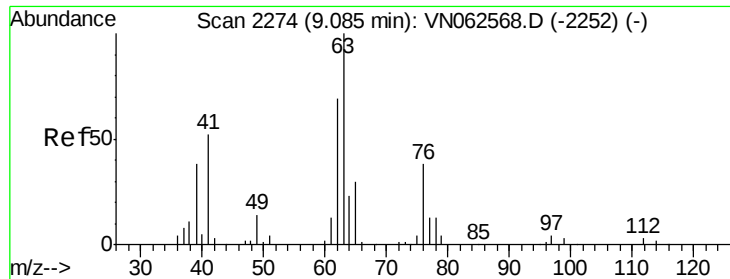
95 106.3 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062646.D (-2186) (-)

Ion 94.90 (94.60 to 95.60): VN062646.D (-2186) (-)





#45

1,2-Dichloropropane

Concen: 16.520 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

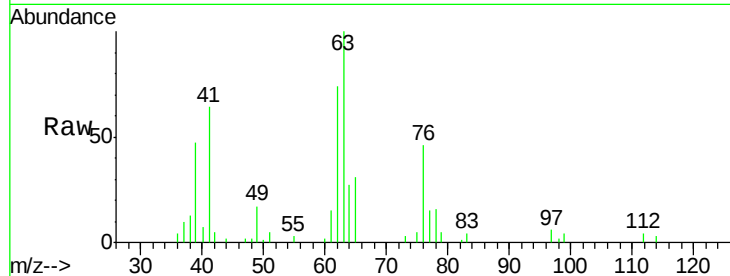
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 36273

Ion Ratio Lower Upper

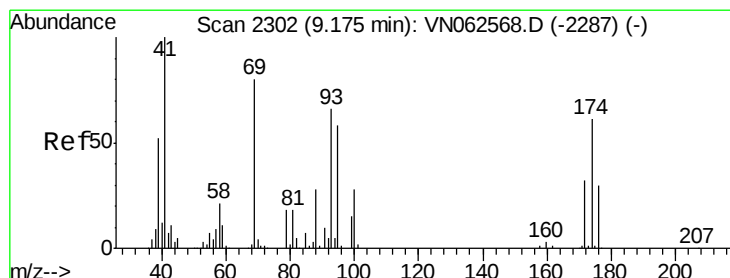
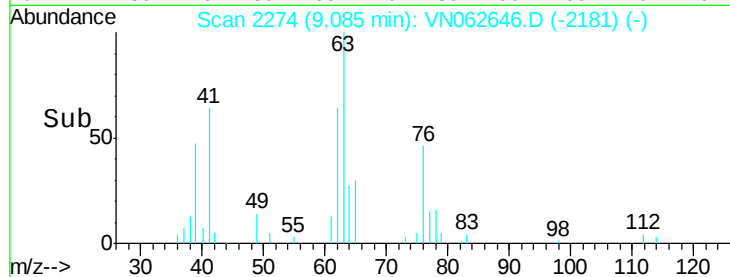
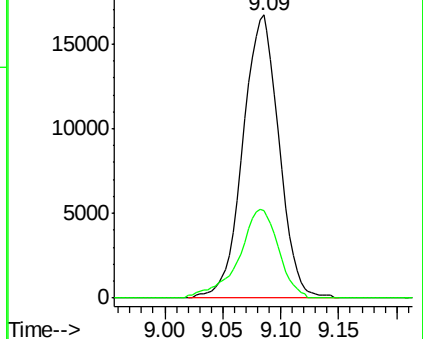
63 100

65 30.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN062646.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062646.D (-2181) (-)



#46

Dibromomethane

Concen: 18.726 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

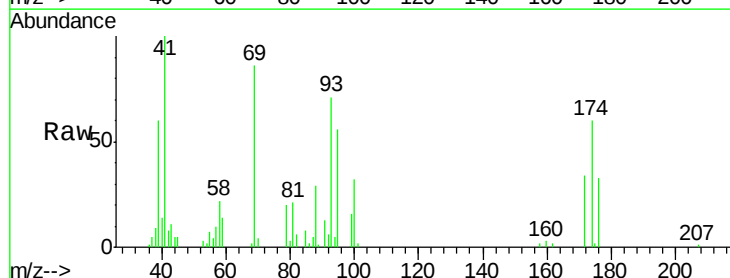
Tgt Ion: 93 Resp: 23765

Ion Ratio Lower Upper

93 100

95 78.0 67.6 101.4

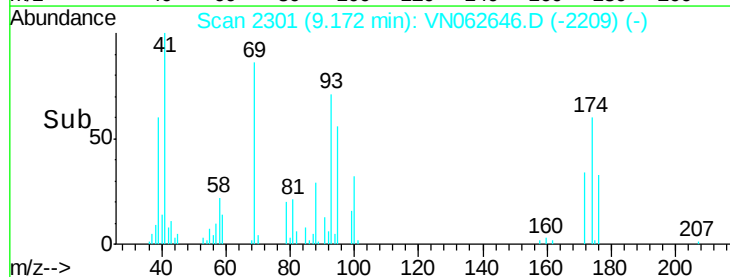
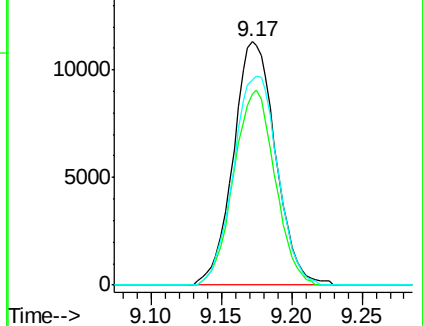
174 89.4 72.5 108.7

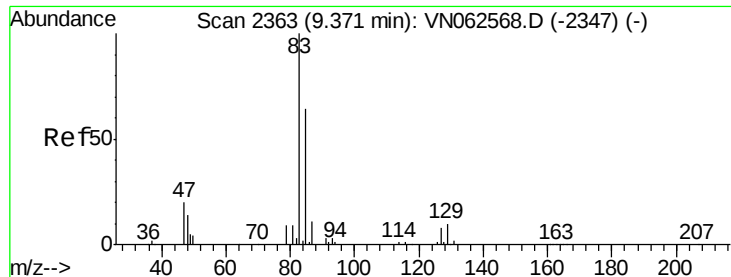


Abundance Ion 92.80 (92.50 to 93.50): VN062646.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062646.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062646.D (-2209) (-)





#47

Bromodichloromethane

Concen: 18.610 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

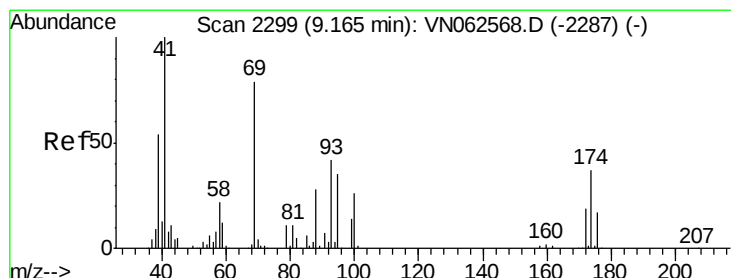
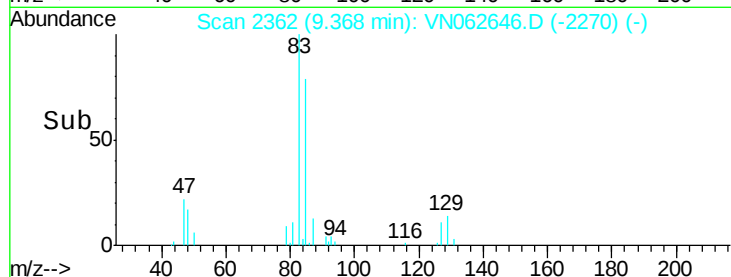
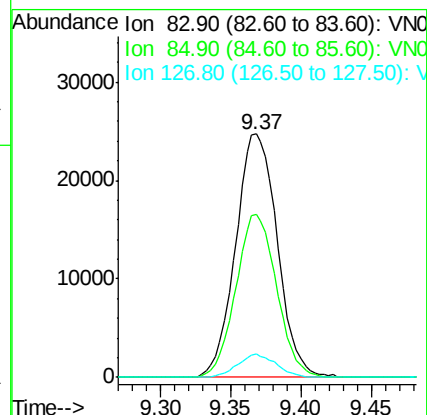
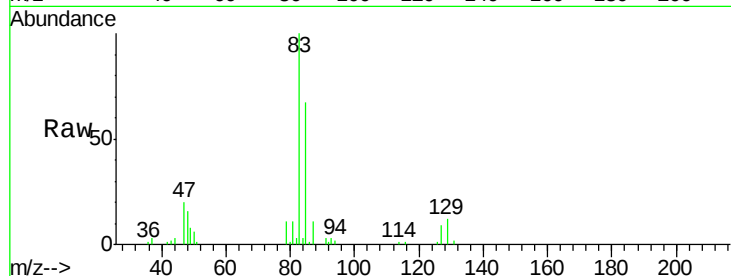
Tot Ion: 83 Resp: 51166

Ion Ratio Lower Upper

83 100

85 66.8 51.6 77.4

127 9.4 6.2 9.2#



#48

Methyl methacrylate

Concen: 16.401 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

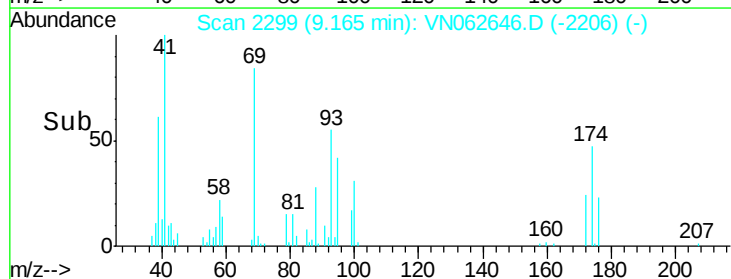
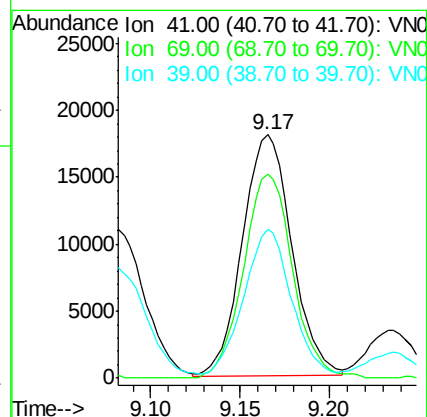
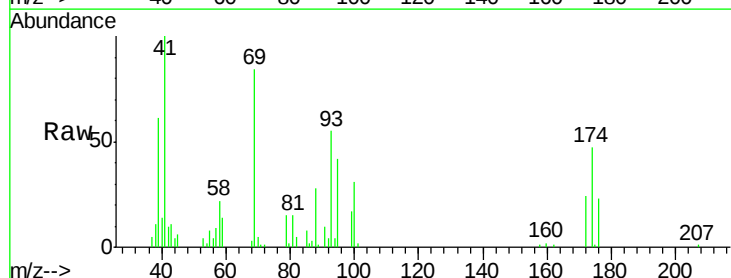
Tgt Ion: 41 Resp: 34996

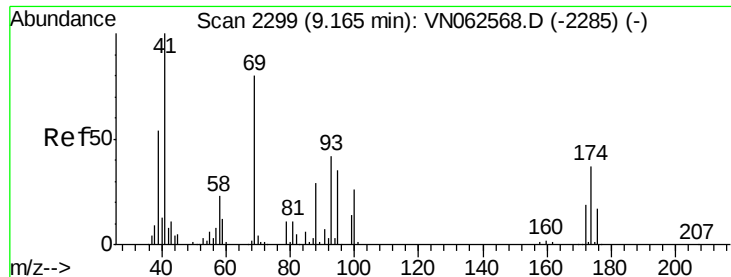
Ion Ratio Lower Upper

41 100

69 83.7 64.4 96.6

39 60.1 43.5 65.3

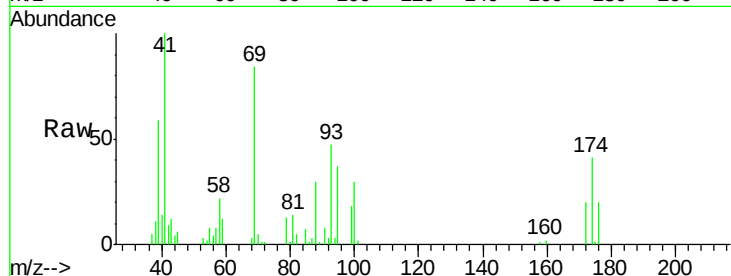




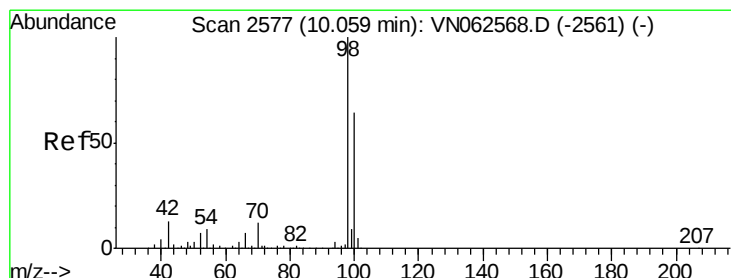
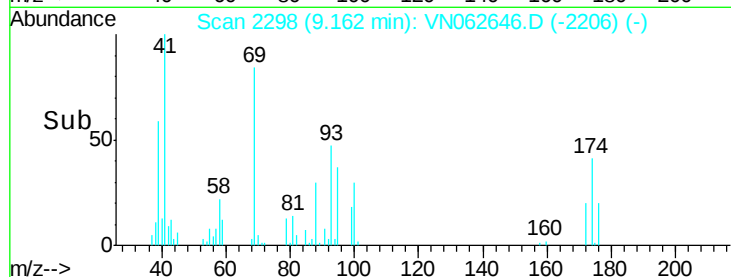
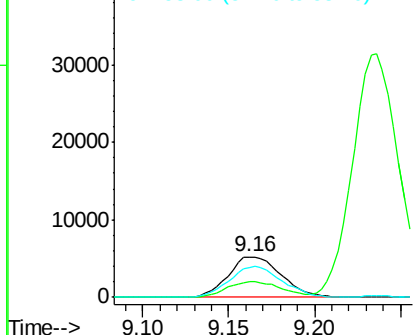
#49
1,4-Dioxane
Concen: 341.592 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 11195
Ion Ratio Lower Upper
88 100
43 40.5 32.0 48.0
58 75.2 62.8 94.2

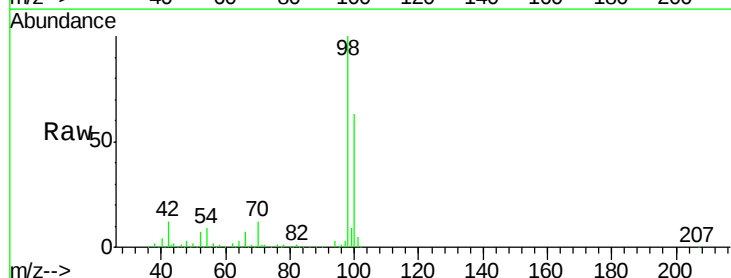


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

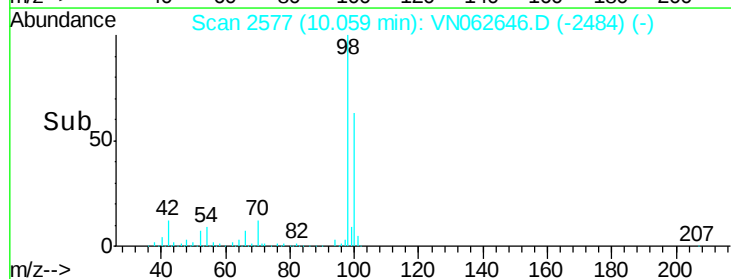
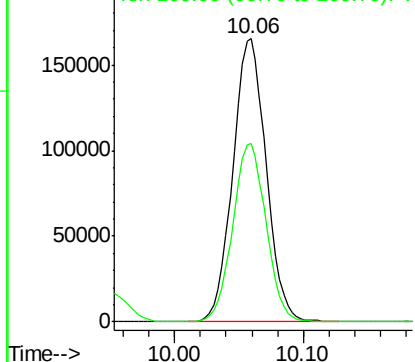


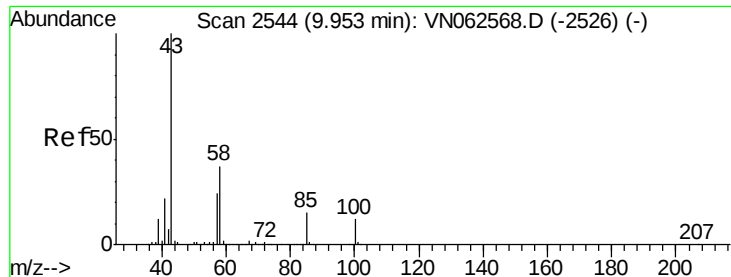
#50
Toluene-d8
Concen: 46.745 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 98 Resp: 296895
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



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

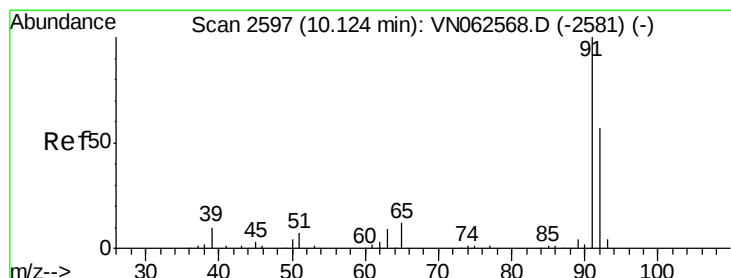
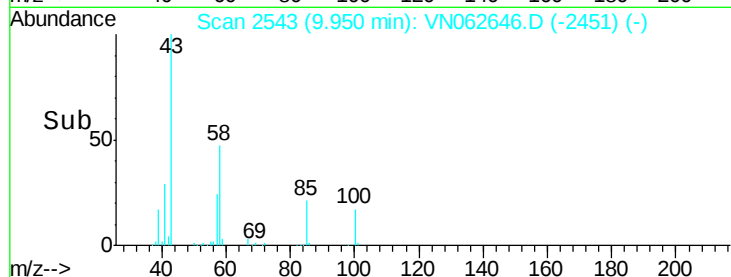
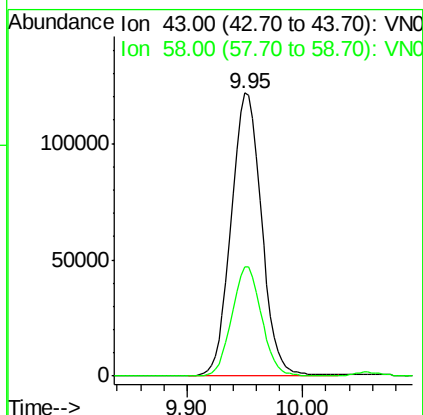
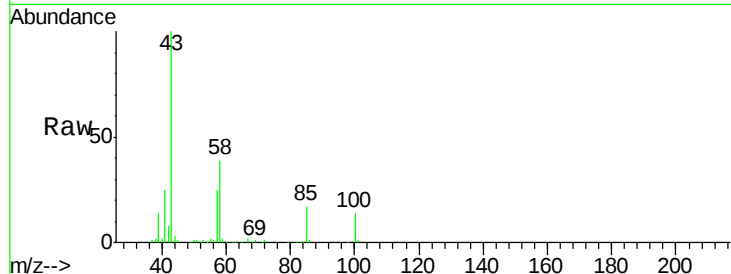




#51
4-Methyl-2-Pentanone
Concen: 82.310 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

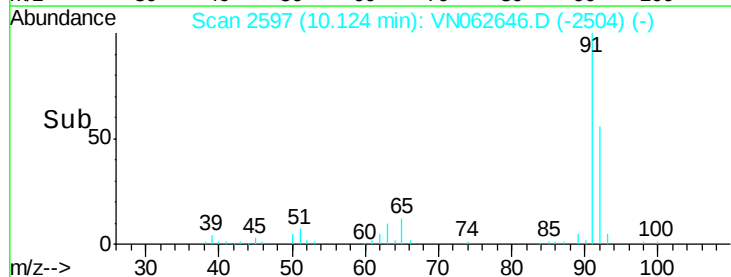
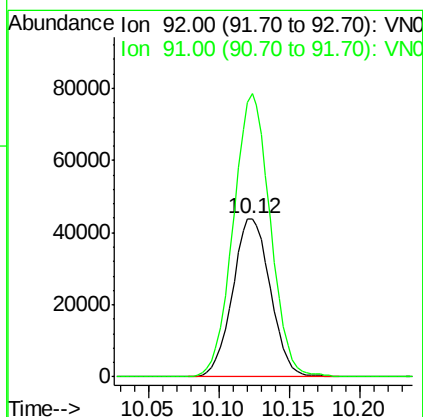
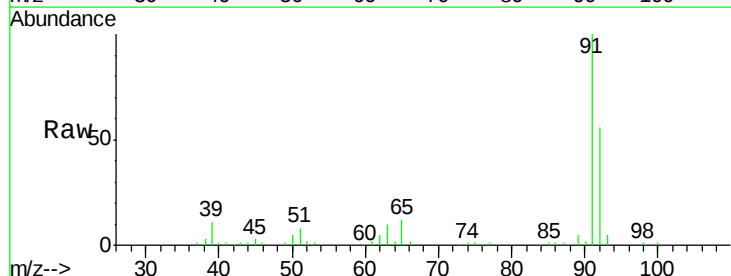
Instrument :
MSVOA_N
ClientSampled :

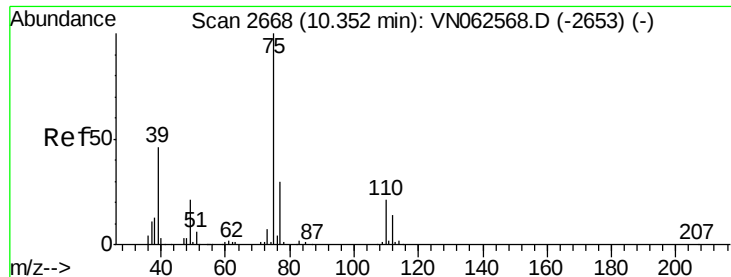
Tot Ion: 43 Resp: 221071
Ion Ratio Lower Upper
43 100
58 37.7 29.8 44.6



#52
Toluene
Concen: 18.133 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 92 Resp: 82341
Ion Ratio Lower Upper
92 100
91 174.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 18.070 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

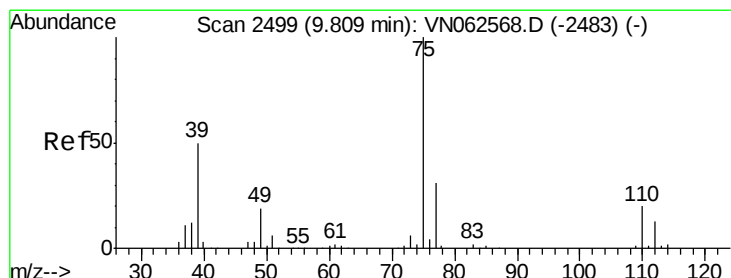
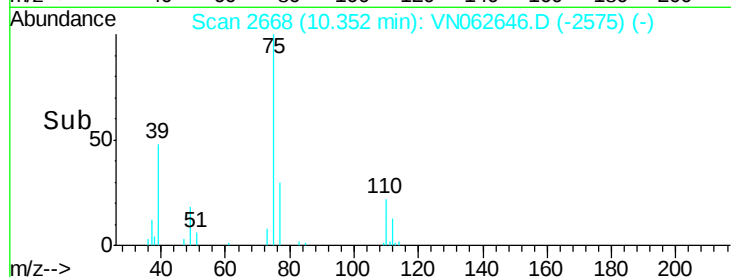
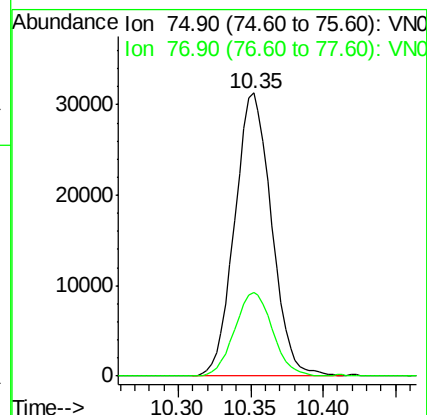
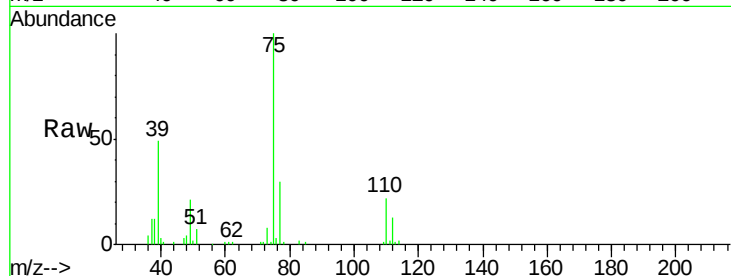
ClientSampleId :

Tot Ion: 75 Resp: 55307

Ion Ratio Lower Upper

75 100

77 29.8 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 17.706 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

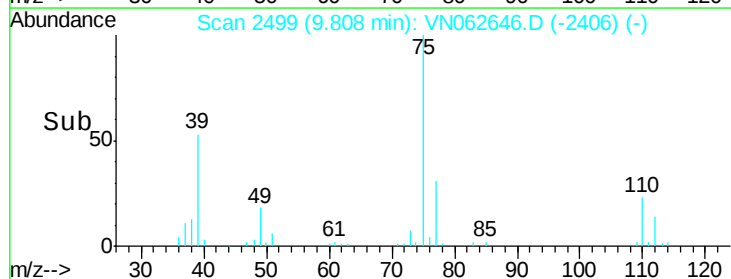
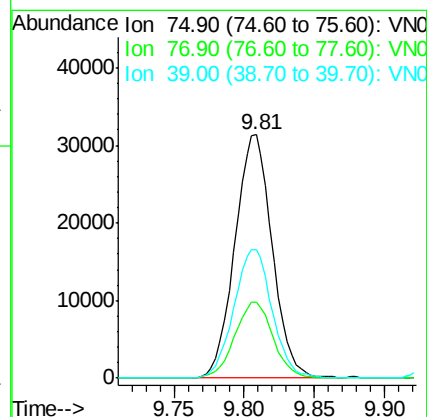
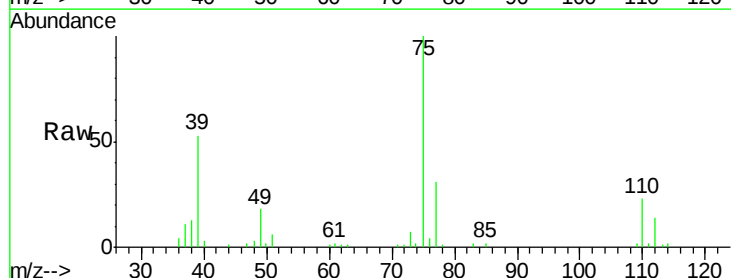
Tgt Ion: 75 Resp: 58149

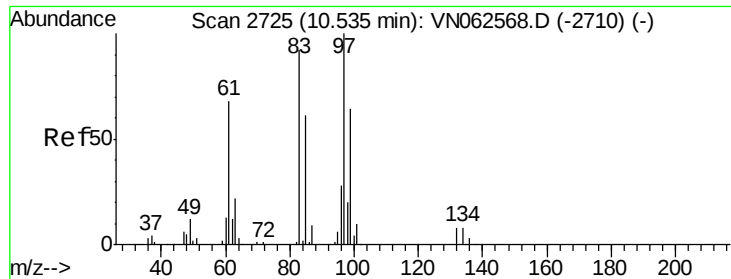
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 53.0 39.8 59.8

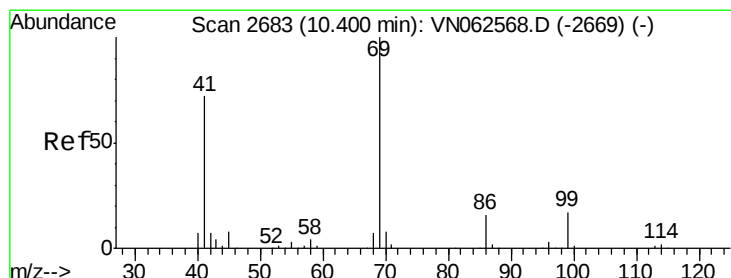
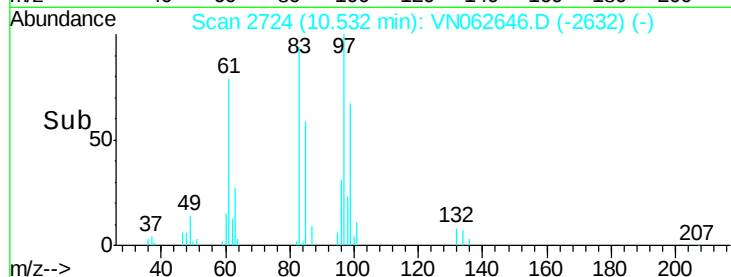
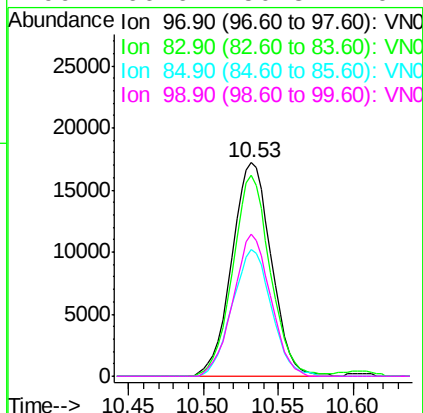
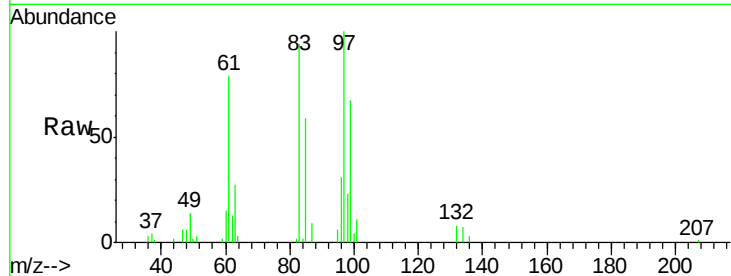




#55
 1,1,2-Trichloroethane
 Concen: 17.911 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

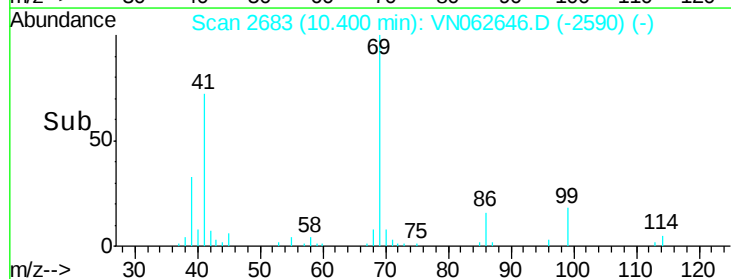
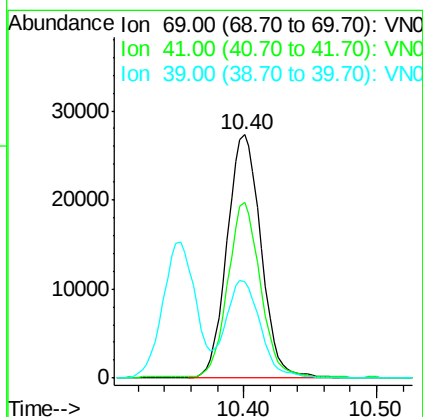
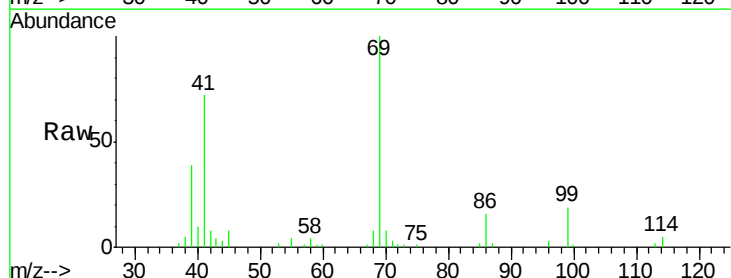
Instrument :
 MSVOA_N
 ClientSampled :

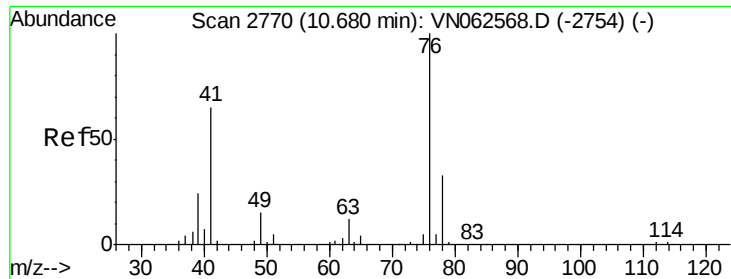
Tot Ion: 97 Resp: 31548
 Ion Ratio Lower Upper
 97 100
 83 93.8 73.7 110.5
 85 59.2 48.5 72.7
 99 66.6 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 16.611 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 69 Resp: 48665
 Ion Ratio Lower Upper
 69 100
 41 70.2 57.2 85.8
 39 41.4 28.6 43.0

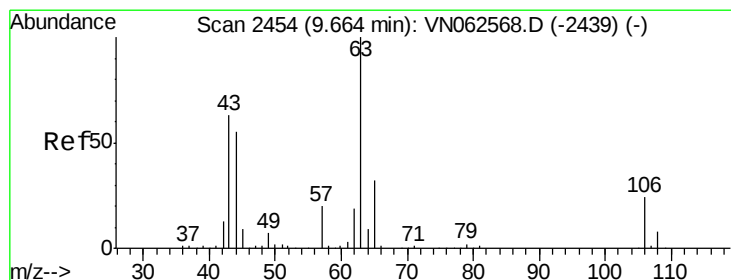
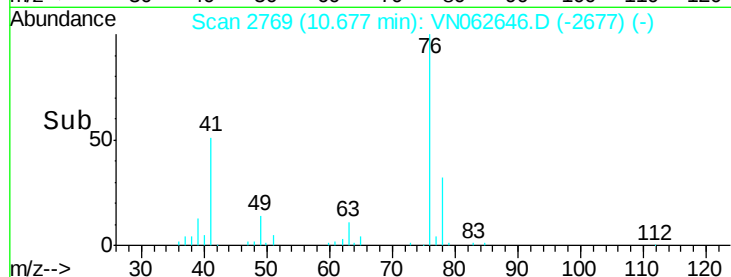
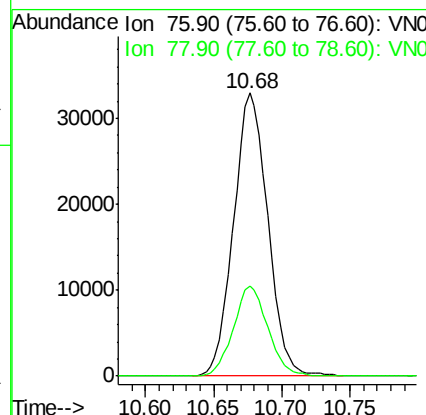
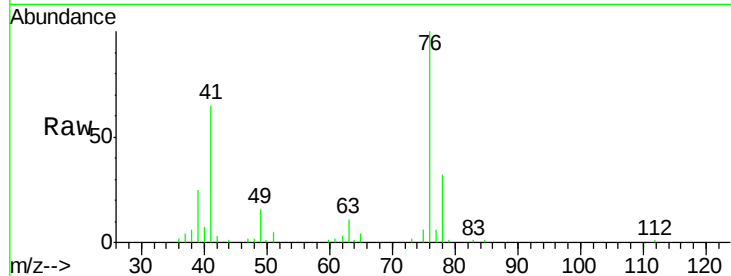




#57
 1,3-Dichloropropane
 Concen: 17.790 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

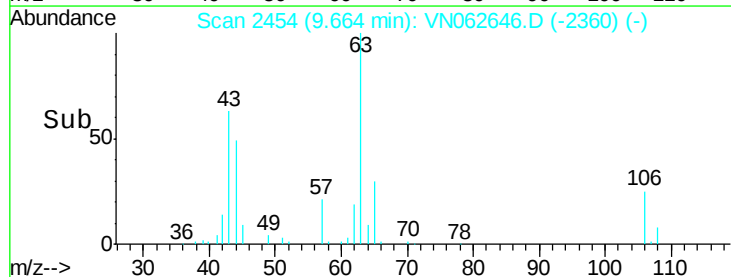
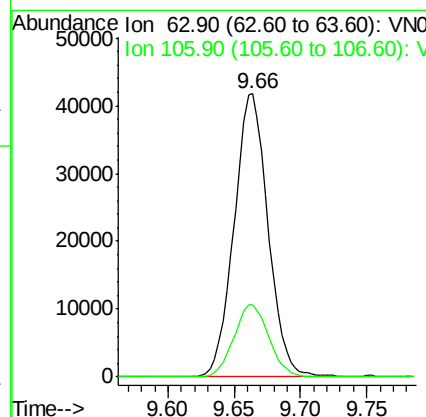
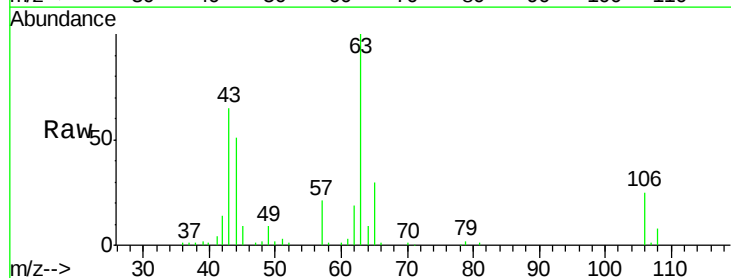
Instrument :
 MSVOA_N
 ClientSampled :

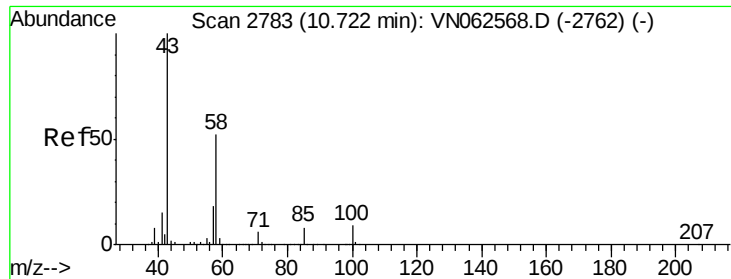
Tot Ion: 76 Resp: 57408
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.496 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 63 Resp: 74364
 Ion Ratio Lower Upper
 63 100
 106 26.0 18.9 28.3

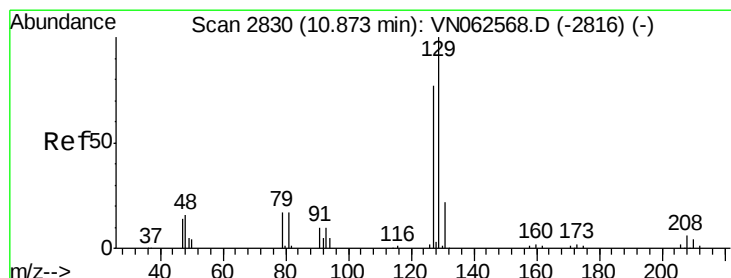
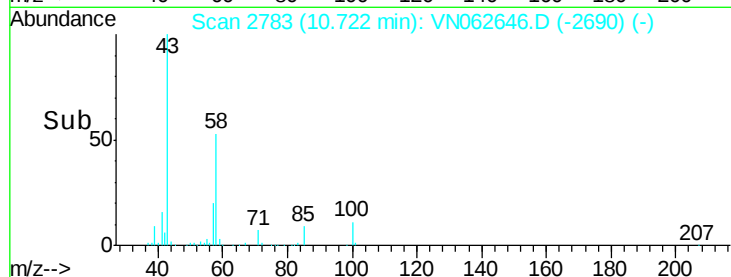
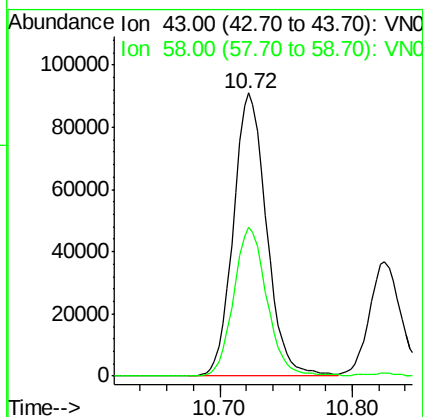
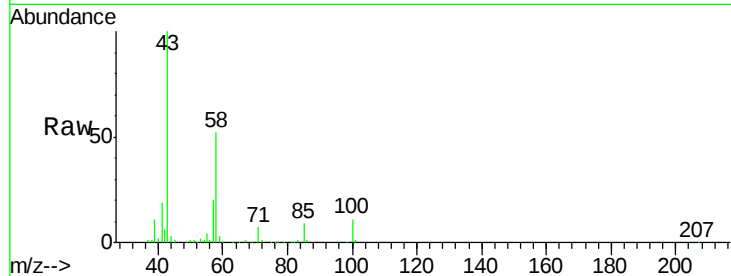




#59
2-Hexanone
Concen: 78.154 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

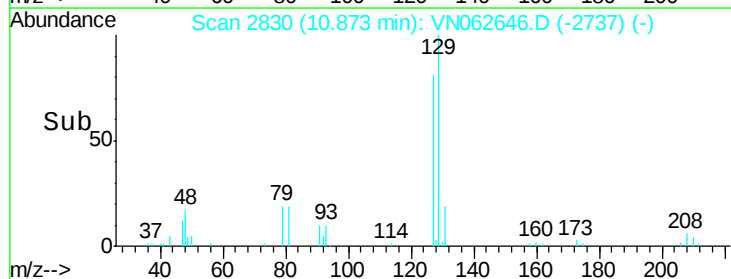
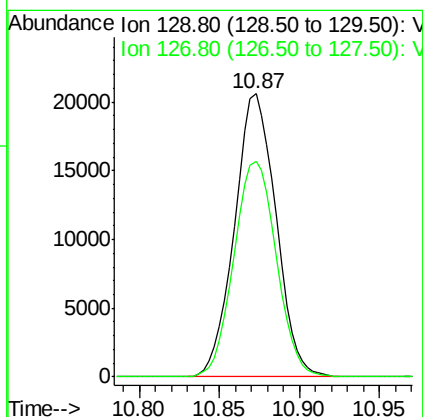
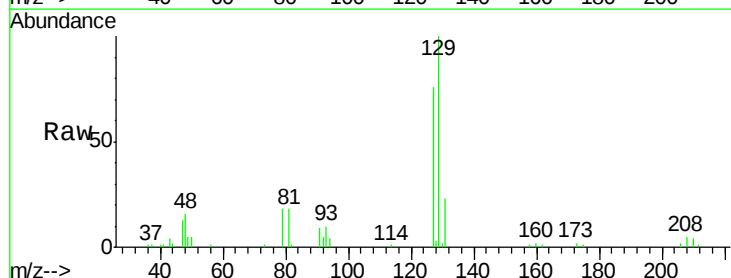
Instrument :
MSVOA_N
ClientSampleId :

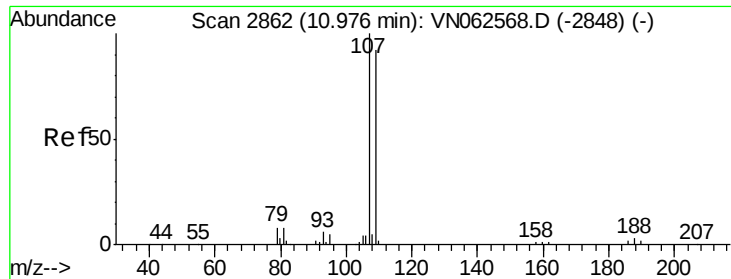
Tot Ion: 43 Resp: 158061
Ion Ratio Lower Upper
43 100
58 52.5 26.0 78.0



#60
Dibromochloromethane
Concen: 18.531 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 129 Resp: 36413
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9

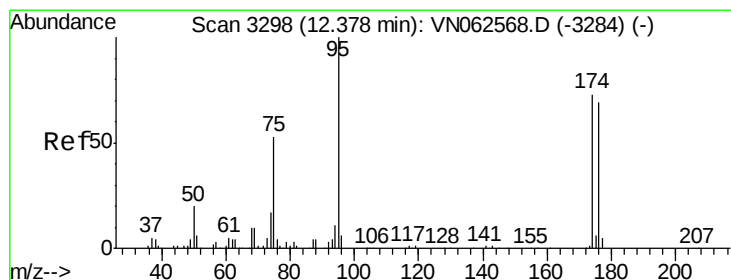
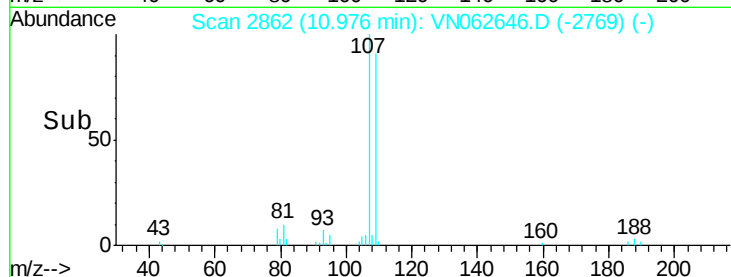
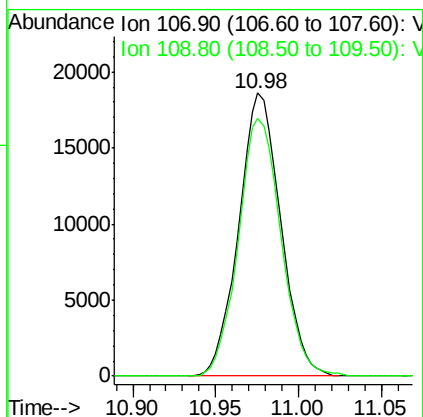
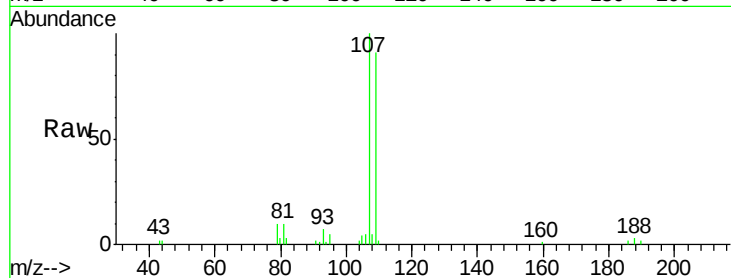




#61
 1,2-Dibromoethane
 Concen: 17.818 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

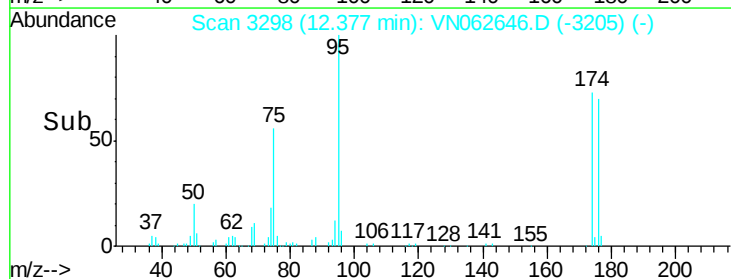
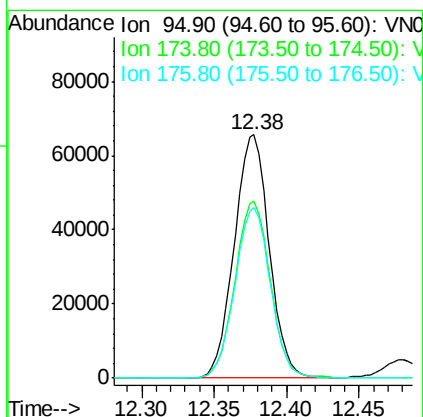
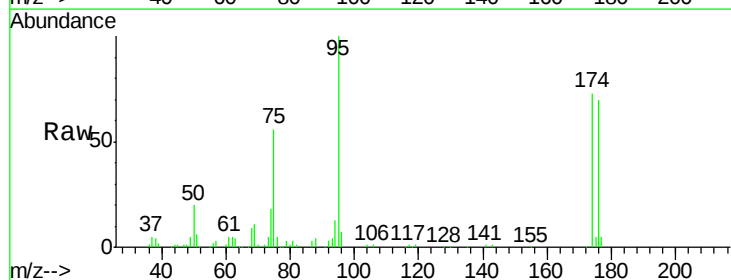
Instrument :
 MSVOA_N
 ClientSampleId :

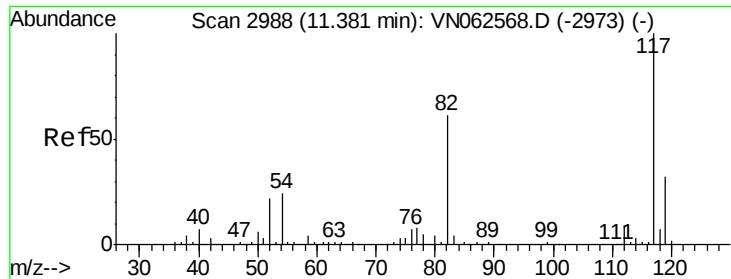
Tot Ion:107 Resp: 32681
 Ion Ratio Lower Upper
 107 100
 109 92.7 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 47.339 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 95 Resp: 109937
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 144.6
 176 71.0 0.0 139.4

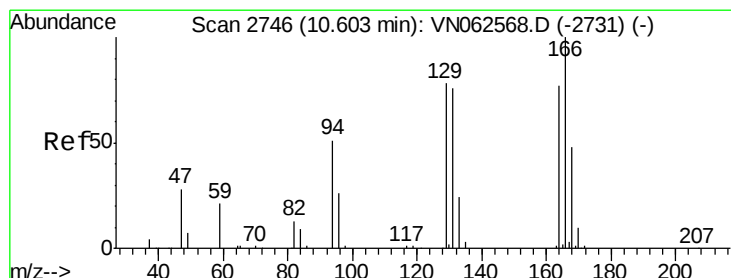
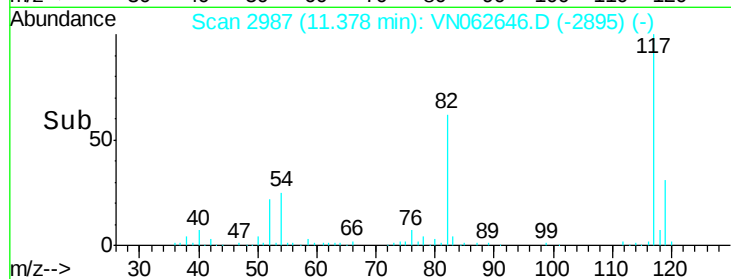
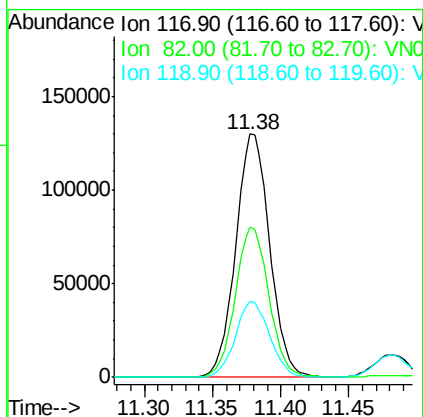
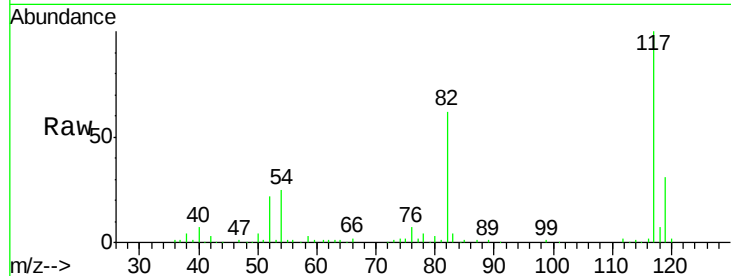




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

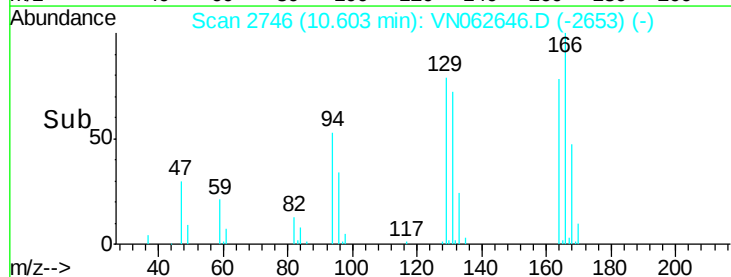
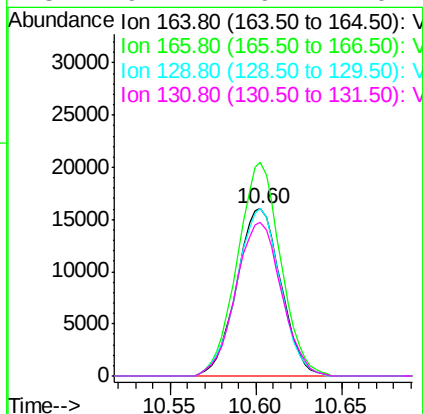
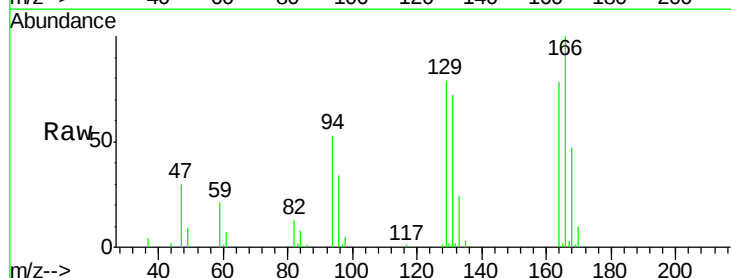
Instrument :
MSVOA_N
ClientSampleId :

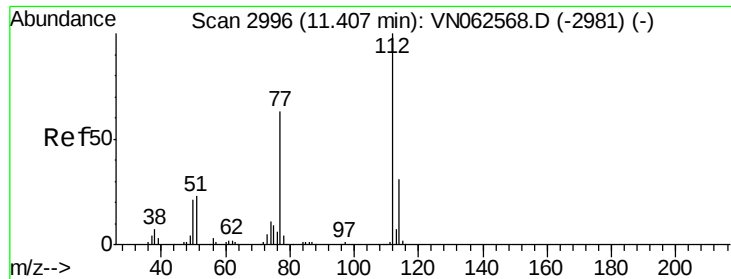
Tot Ion:117 Resp: 224910
Ion Ratio Lower Upper
117 100
82 61.7 49.0 73.6
119 31.2 25.4 38.2



#64
Tetrachloroethene
Concen: 19.516 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion:164 Resp: 28519
Ion Ratio Lower Upper
164 100
166 127.6 104.4 156.6
129 100.2 81.0 121.4
131 91.7 79.4 119.2

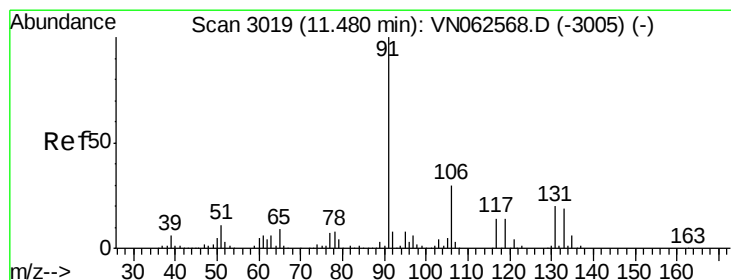
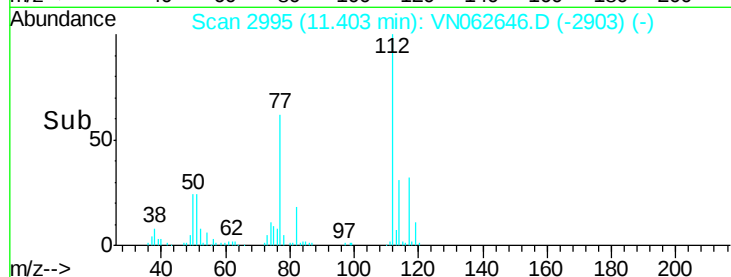
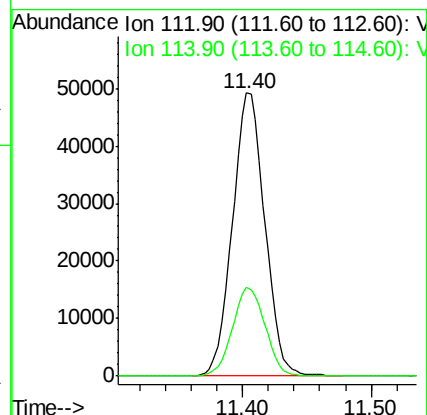
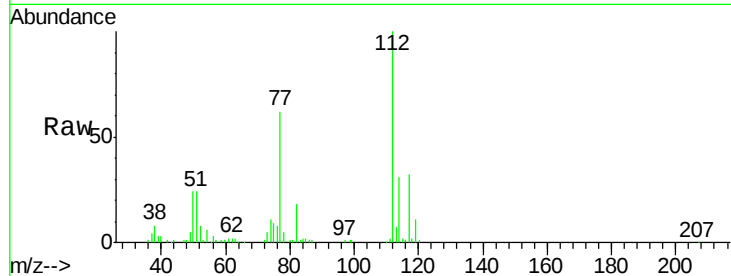




#65
Chlorobenzene
Concen: 18.163 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

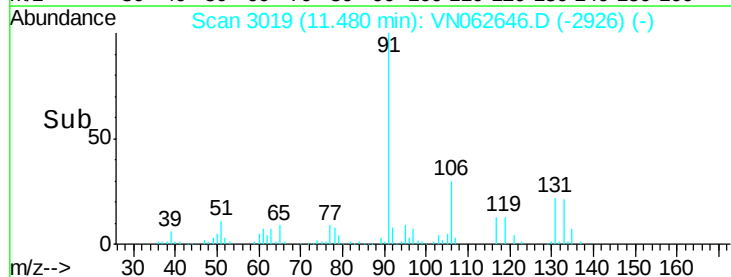
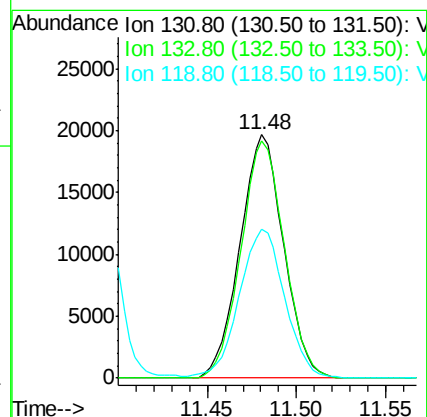
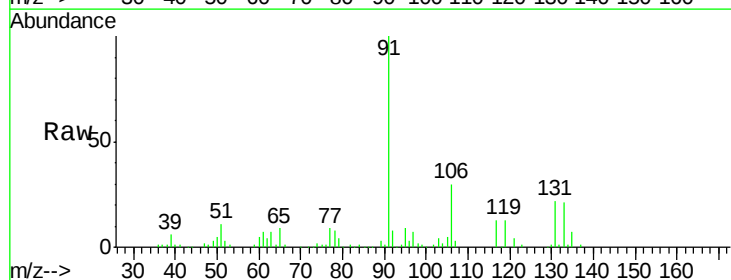
Instrument :
MSVOA_N
ClientSampled :

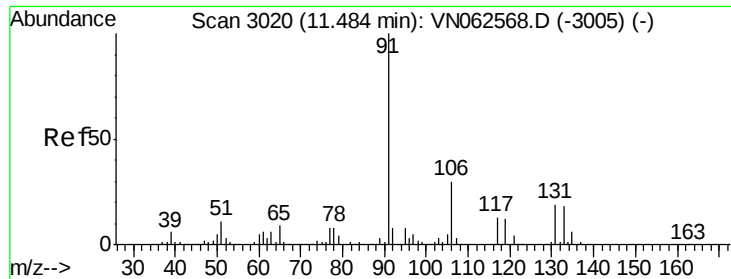
Tot Ion:112 Resp: 85639
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.968 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion:131 Resp: 33646
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 63.7 33.7 101.0

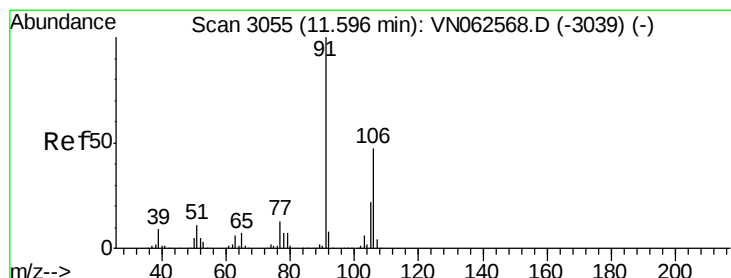
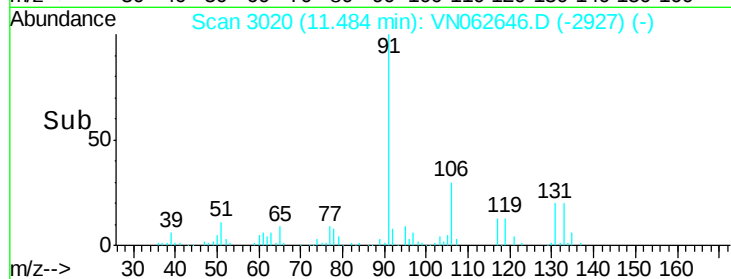
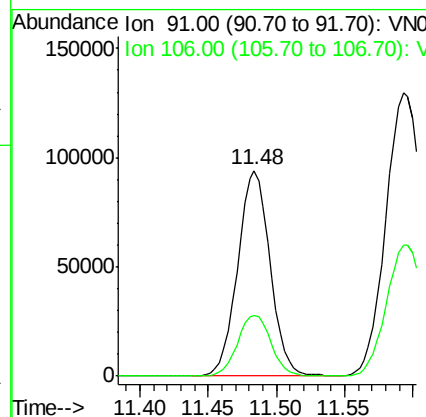
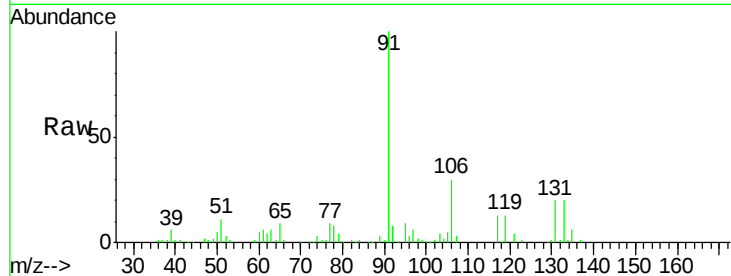




#67
Ethyl Benzene
Concen: 17.982 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

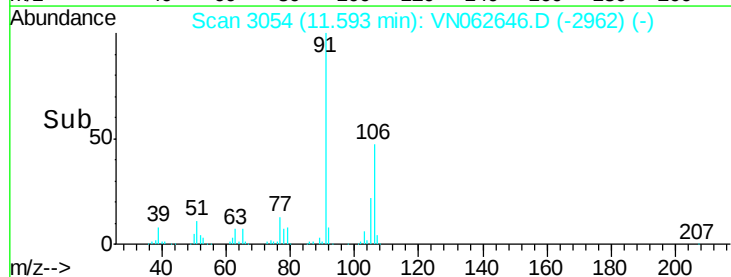
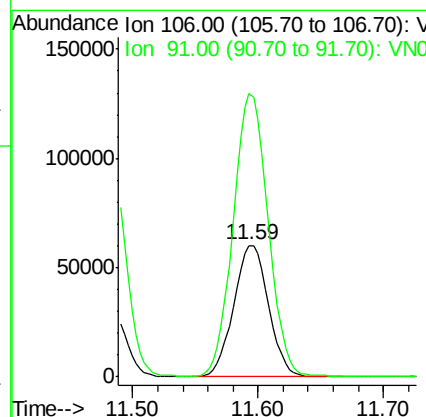
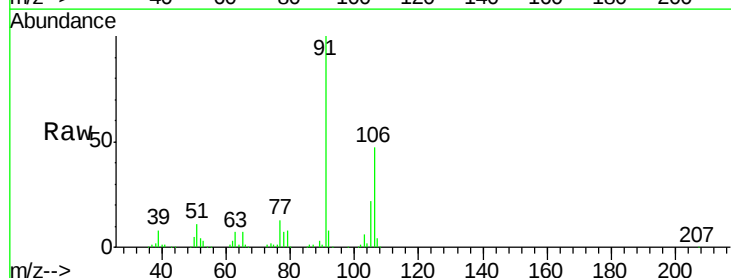
Instrument :
MSVOA_N
ClientSampleId :

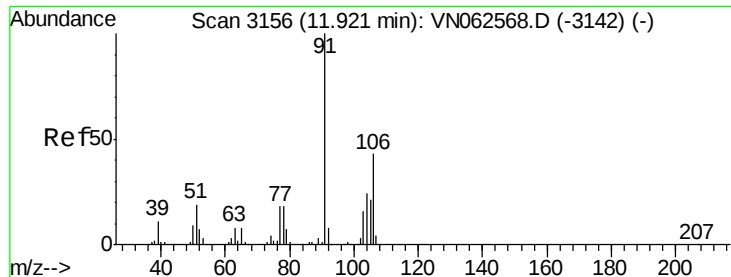
Tot Ion: 91 Resp: 155454
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8



#68
m/p-Xylenes
Concen: 37.427 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 106 Resp: 116298
Ion Ratio Lower Upper
106 100
91 216.1 171.4 257.2

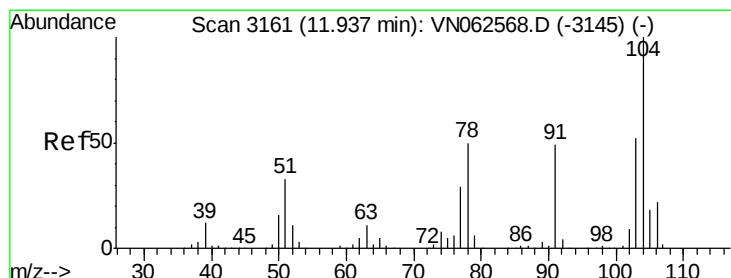
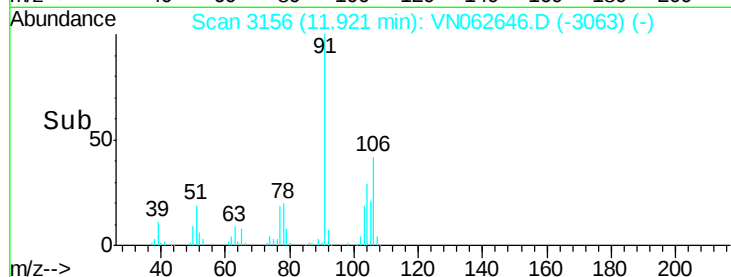
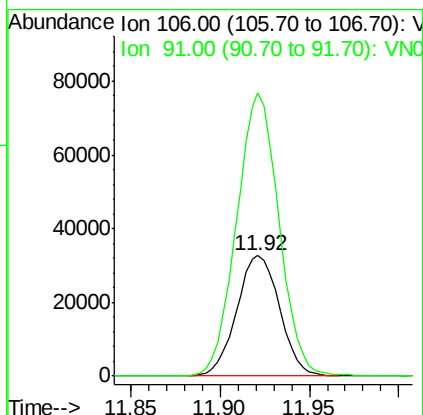
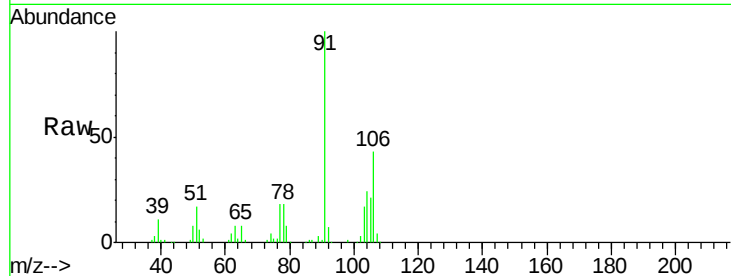




#69
o-Xylene
Concen: 18.548 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

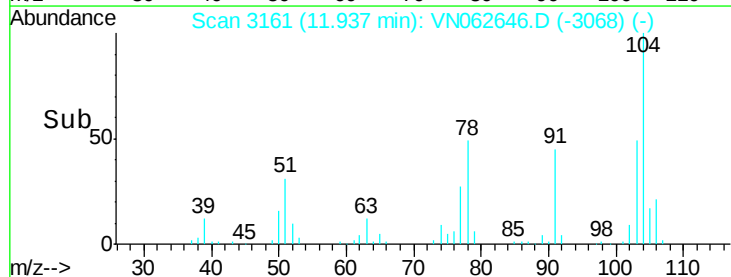
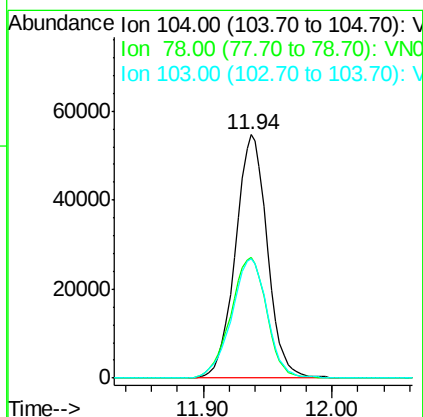
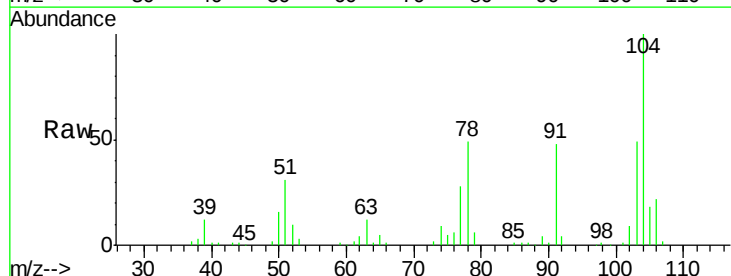
Instrument :
MSVOA_N
ClientSampled :

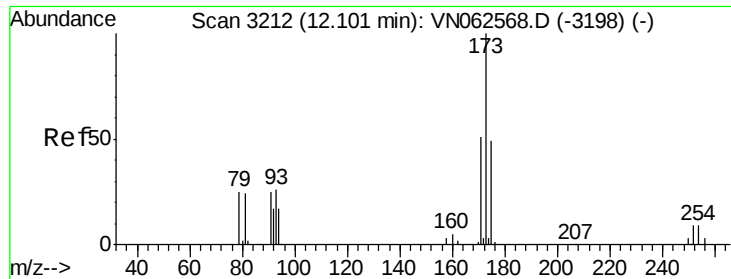
Tot Ion:106 Resp: 54731
Ion Ratio Lower Upper
106 100
91 232.2 113.8 341.2



#70
Styrene
Concen: 18.799 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion:104 Resp: 93705
Ion Ratio Lower Upper
104 100
78 55.7 43.8 65.6
103 54.8 44.0 66.0





#71

Bromoform

Concen: 19.366 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

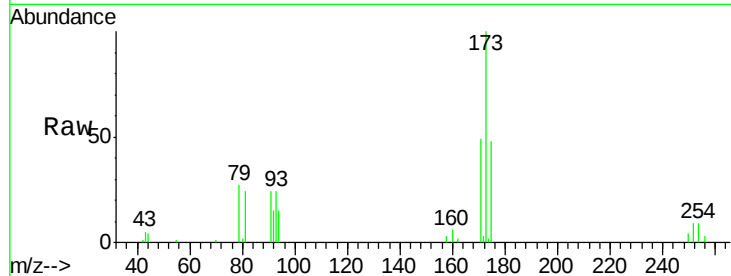
Tot Ion:173 Resp: 25792

Ion Ratio Lower Upper

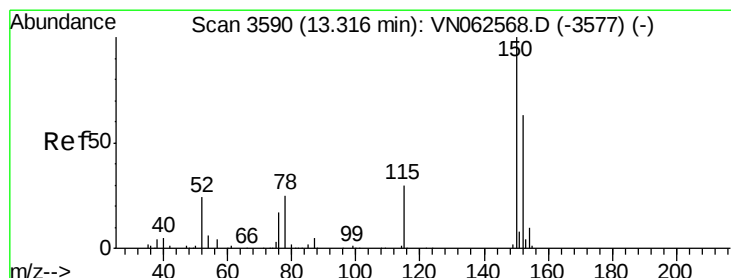
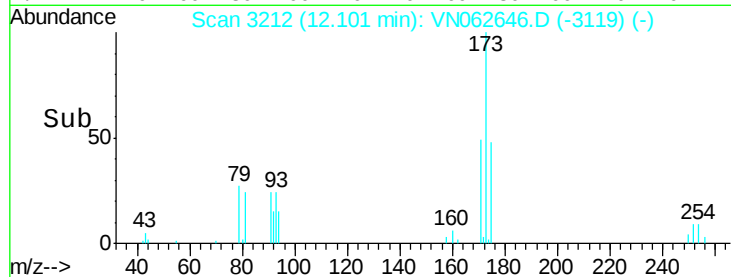
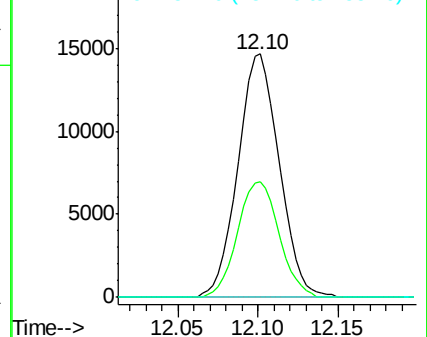
173 100

175 47.6 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

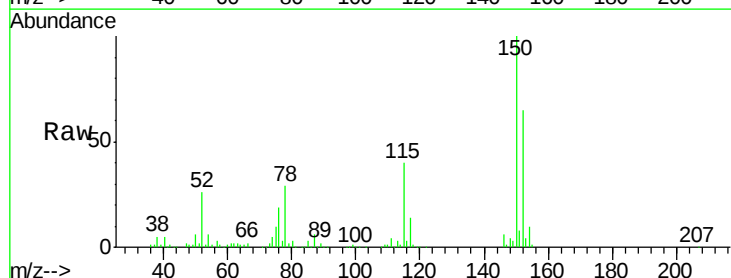
Tgt Ion:152 Resp: 104735

Ion Ratio Lower Upper

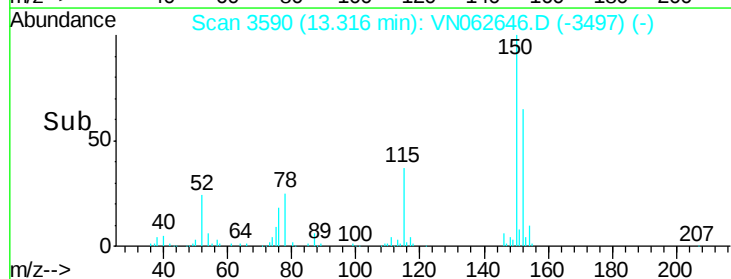
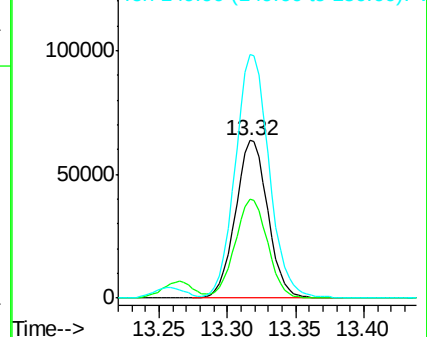
152 100

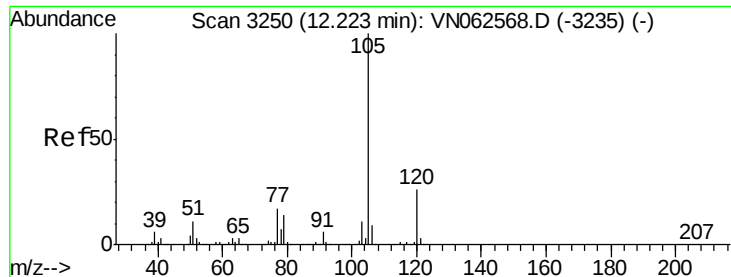
115 63.6 31.8 95.4

150 162.5 0.0 351.4



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: 18.526 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

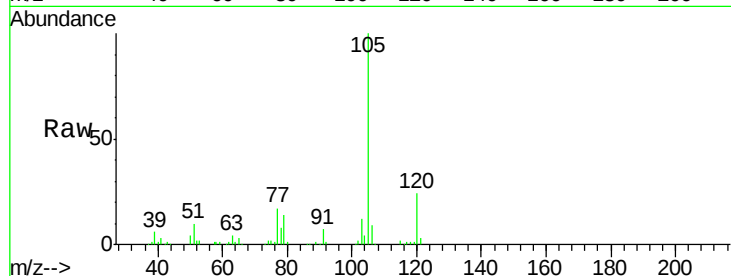
ClientSampleId :

Tot Ion:105 Resp: 153425

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

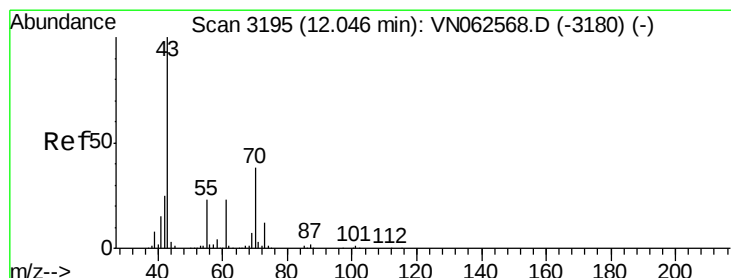
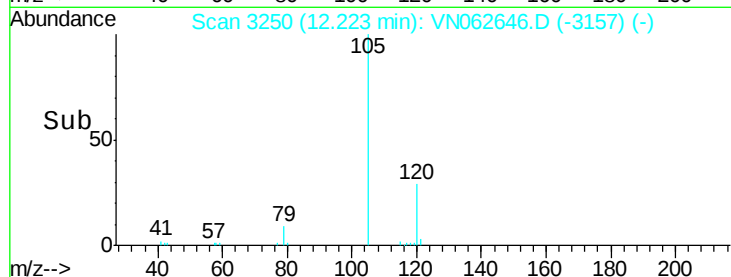
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 15.900 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion: 43 Resp: 58805

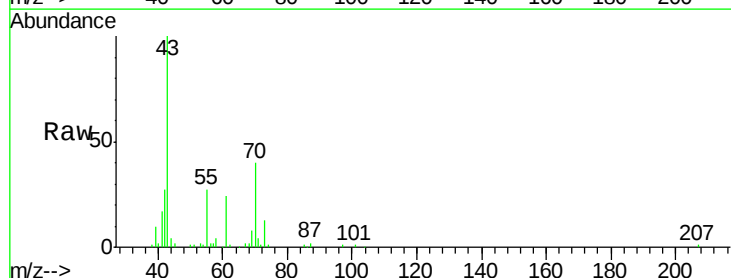
Ion Ratio Lower Upper

43 100

70 39.1 30.5 45.7

55 26.4 19.0 28.6

61 23.1 18.4 27.6



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

12.04

50000

40000

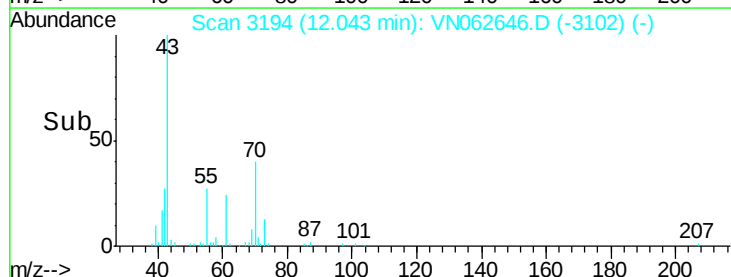
30000

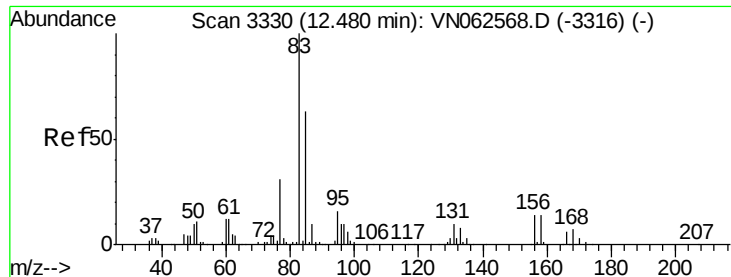
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 16.666 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

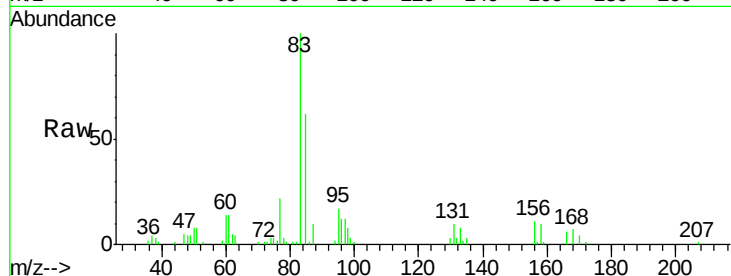
Tot Ion: 83 Resp: 47963

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

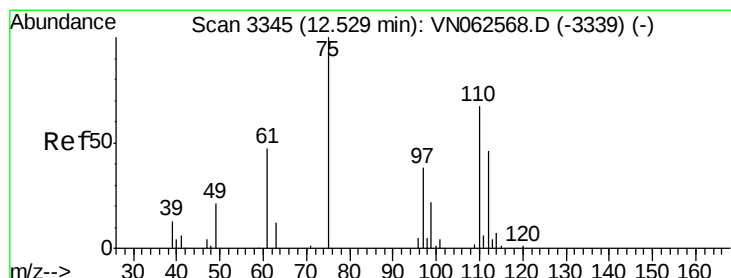
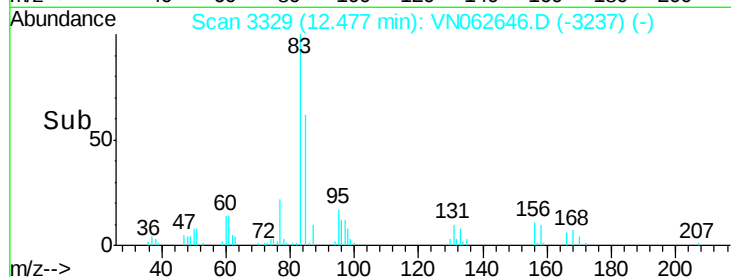
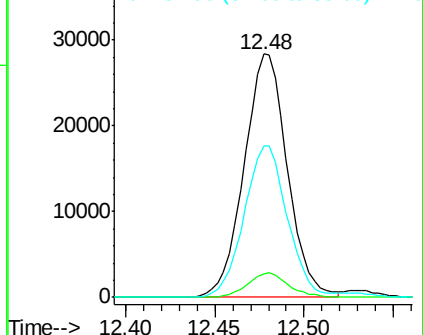
85 62.1 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062646.D (-3327) (-)

Ion 130.80 (130.50 to 131.50): VN062646.D (-3327) (-)

Ion 84.90 (84.60 to 85.60): VN062646.D (-3327) (-)



#76

1,2,3-Trichloropropane

Concen: 23.594 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062646.D

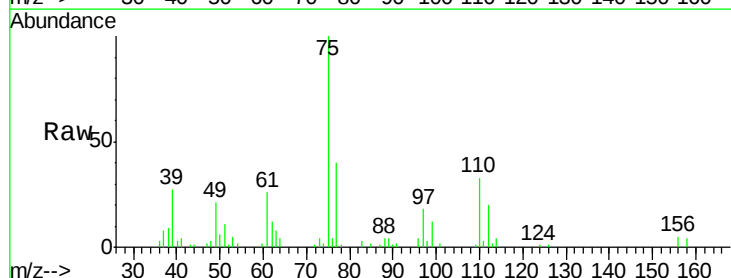
Acq: 29 Jul 2020 11:44

Tgt Ion: 75 Resp: 62900

Ion Ratio Lower Upper

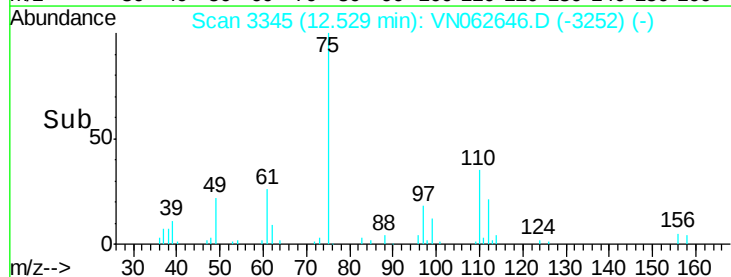
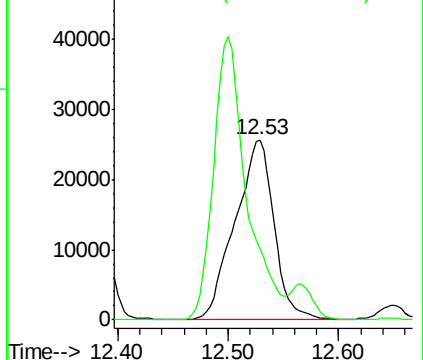
75 100

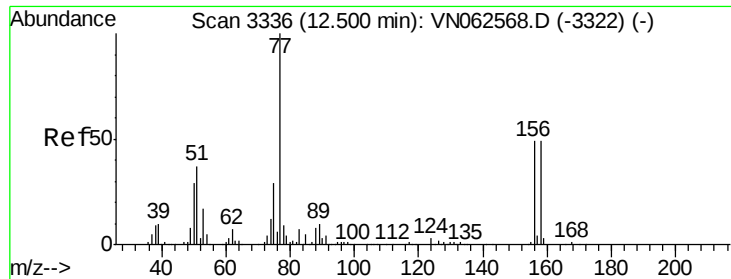
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062646.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062646.D (-3252) (-)





#77

Bromobenzene

Concen: 17.724 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

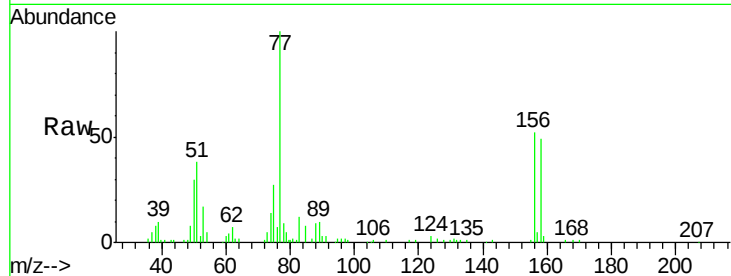
Tot Ion:156 Resp: 35275

Ion Ratio Lower Upper

156 100

77 236.7 122.8 368.3

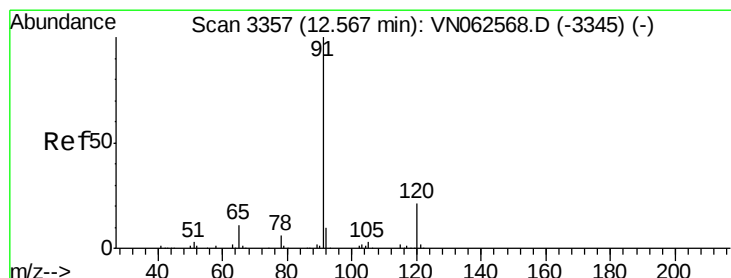
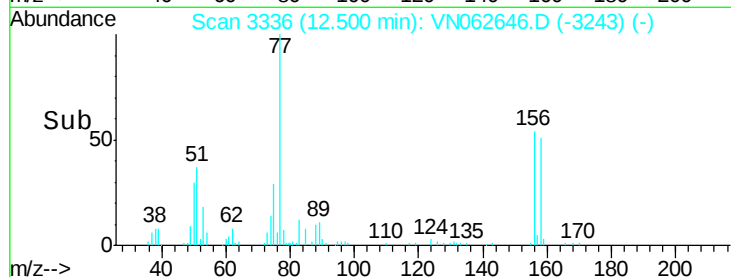
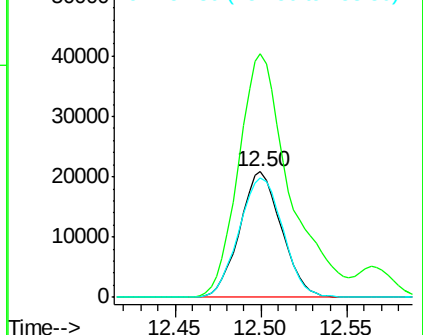
158 99.7 49.4 148.0



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: 18.142 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062646.D

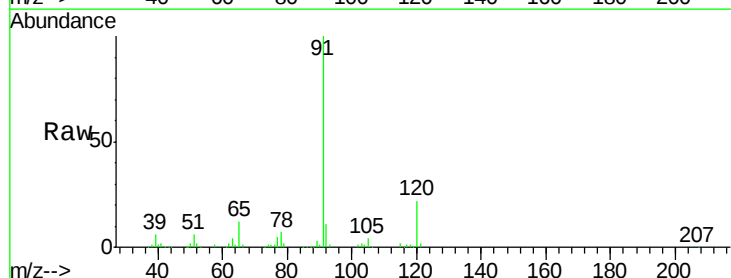
Acq: 29 Jul 2020 11:44

Tgt Ion: 91 Resp: 175985

Ion Ratio Lower Upper

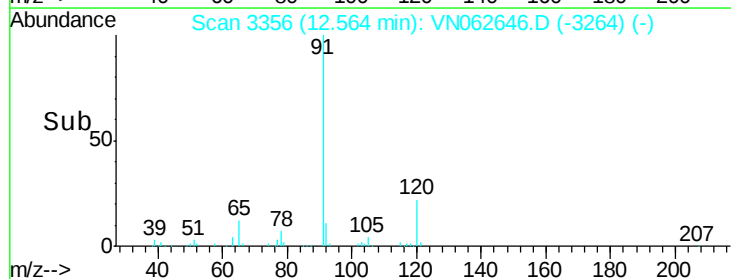
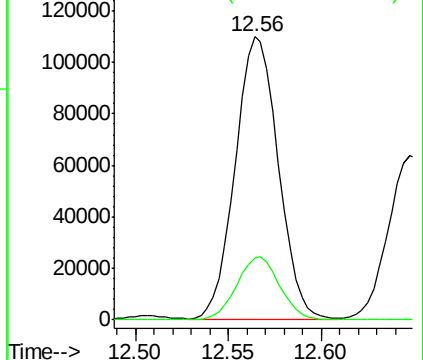
91 100

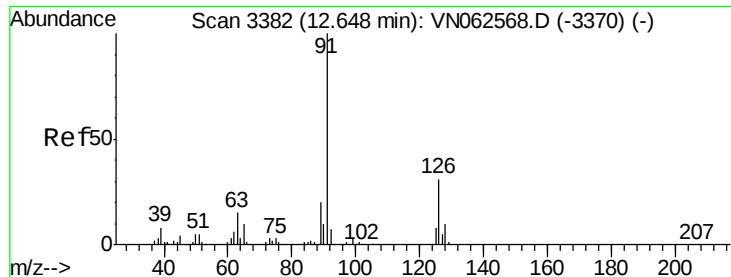
120 22.2 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.791 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

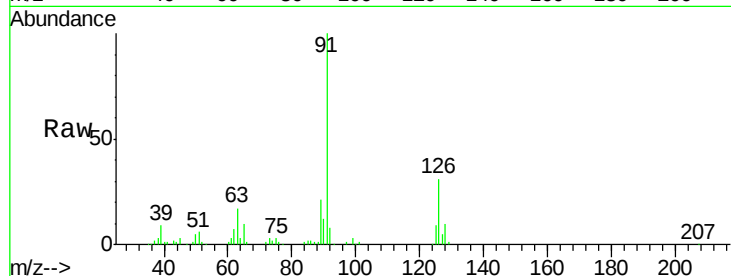
ClientSampled :

Tot Ion: 91 Resp: 106361

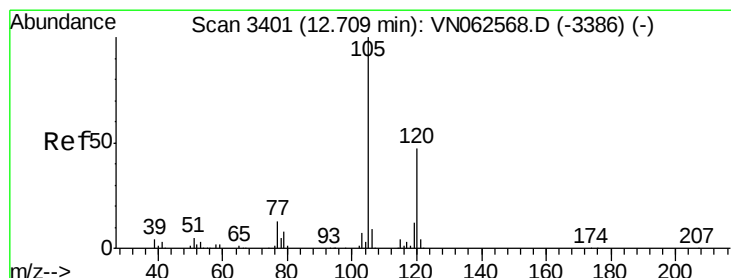
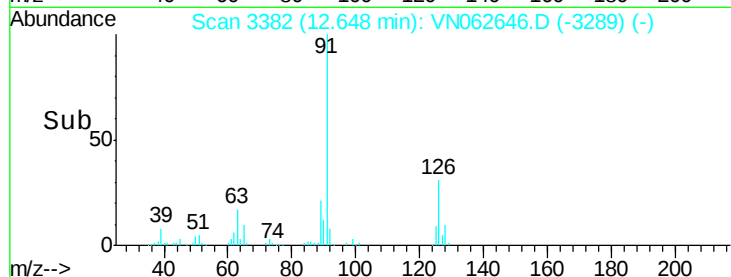
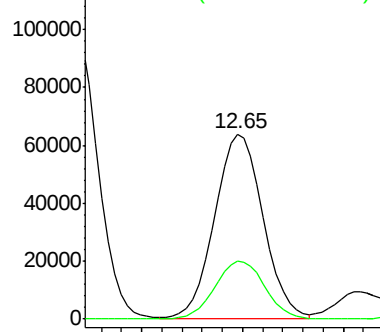
Ion Ratio Lower Upper

91 100

126 32.6 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062646.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.477 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062646.D

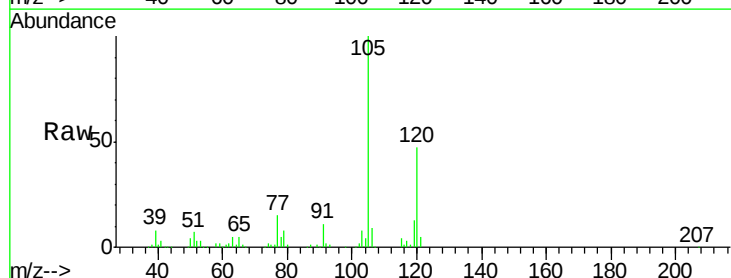
Acq: 29 Jul 2020 11:44

Tgt Ion: 105 Resp: 133798

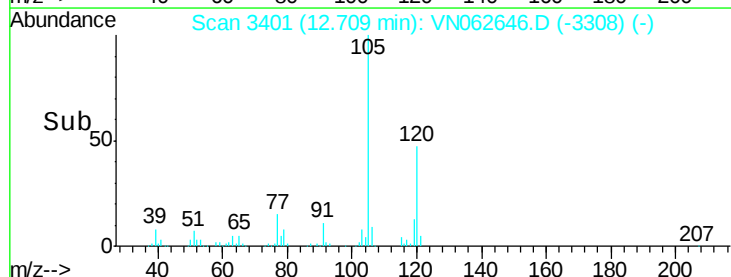
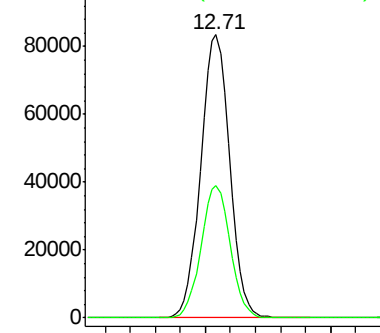
Ion Ratio Lower Upper

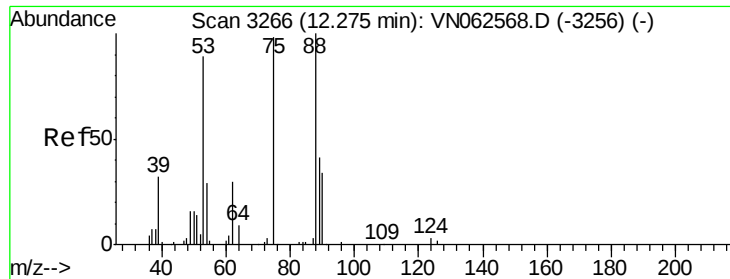
105 100

120 46.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062646.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.889 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

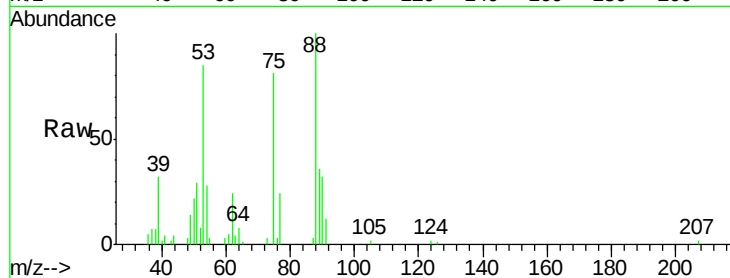
Tot Ion: 75 Resp: 16174

Ion Ratio Lower Upper

75 100

53 105.2 75.4 113.0

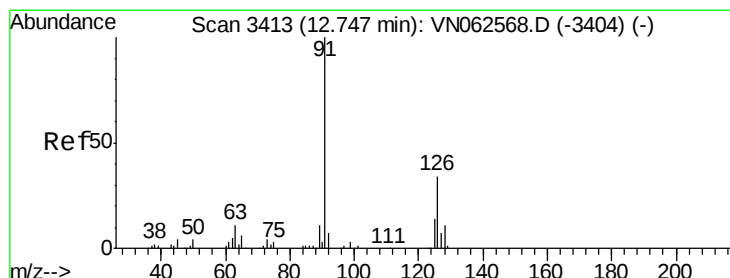
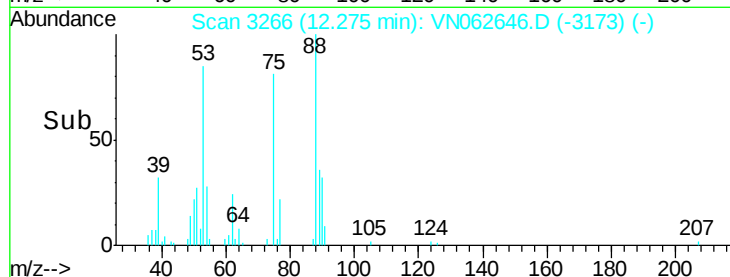
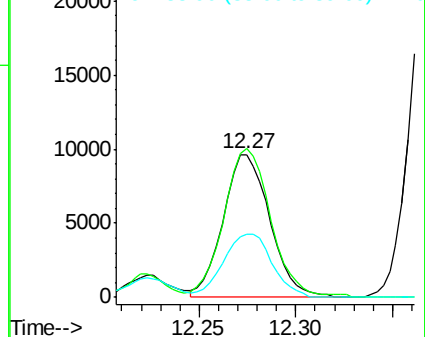
89 46.2 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.057 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062646.D

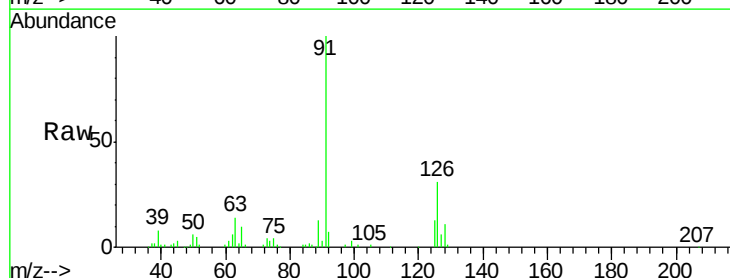
Acq: 29 Jul 2020 11:44

Tgt Ion: 91 Resp: 112362

Ion Ratio Lower Upper

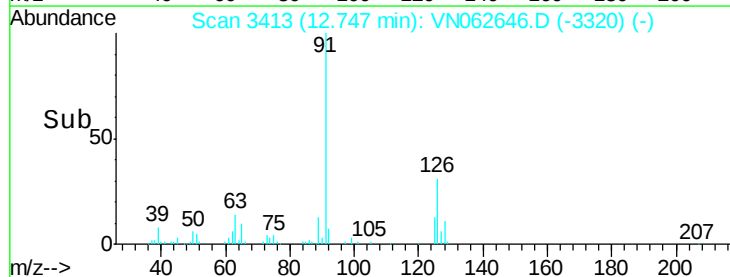
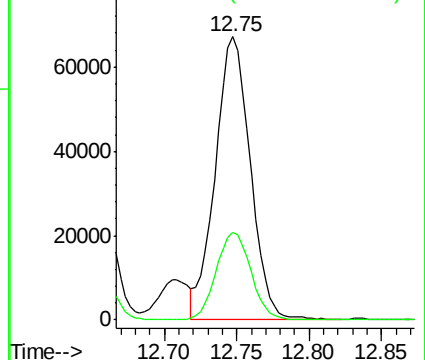
91 100

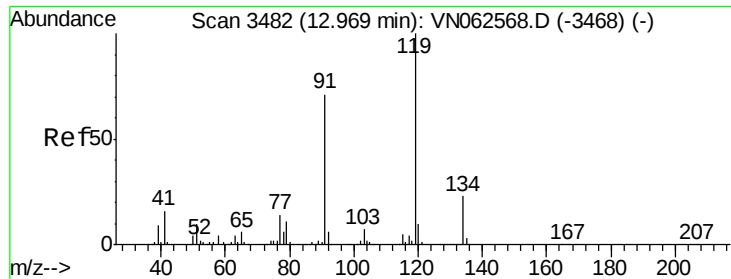
126 30.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

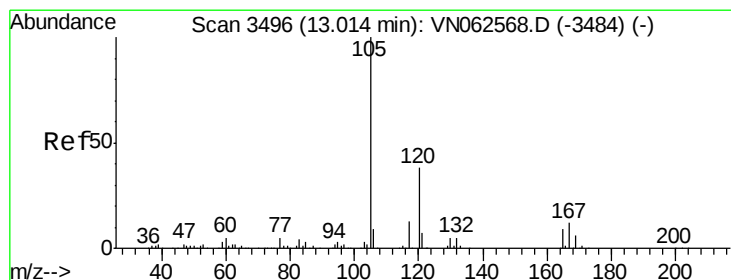
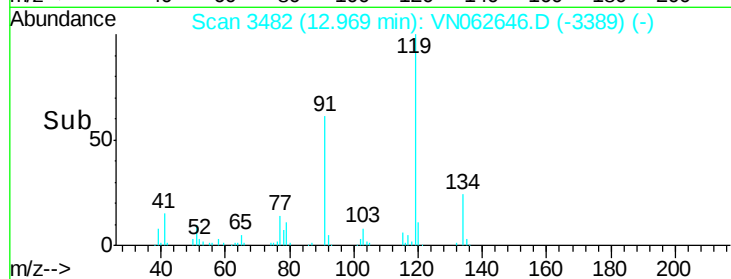
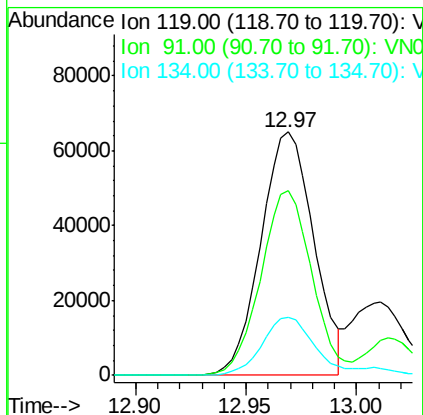
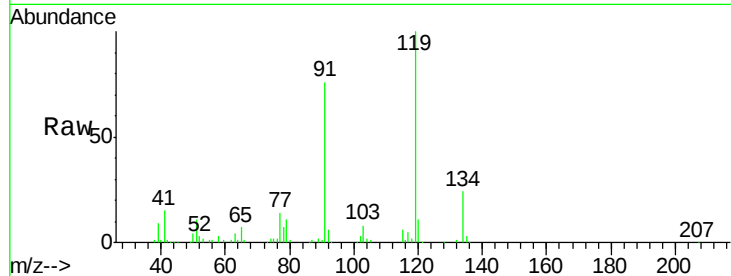




#83
tert-Butylbenzene
Concen: 18.897 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

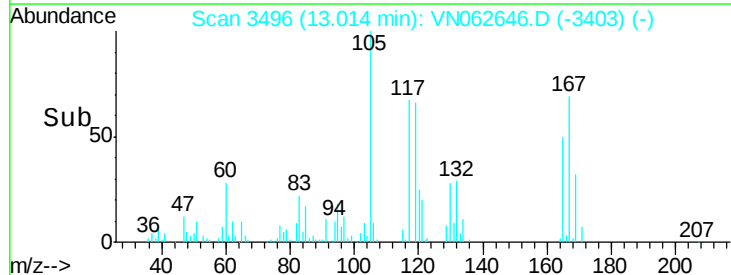
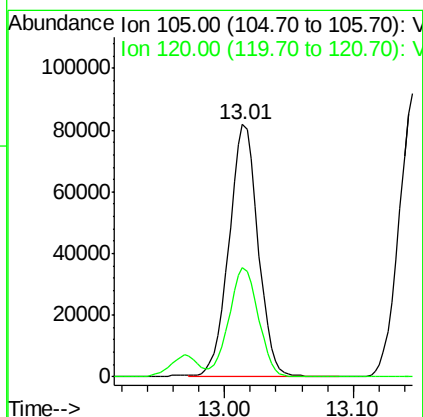
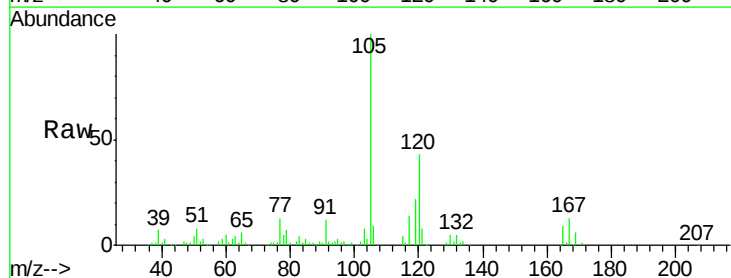
Instrument :
MSVOA_N
ClientSampled :

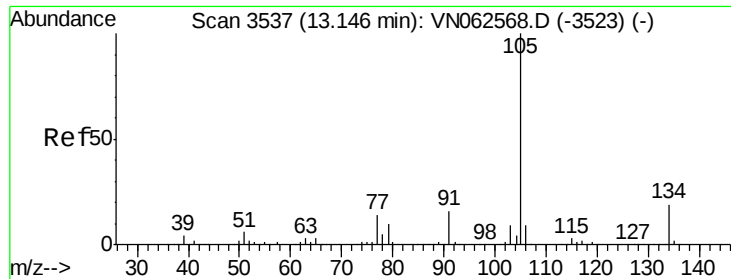
Tot Ion:119 Resp: 107790
Ion Ratio Lower Upper
119 100
91 73.9 34.6 103.8
134 23.5 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 18.894 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion:105 Resp: 127327
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.004 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

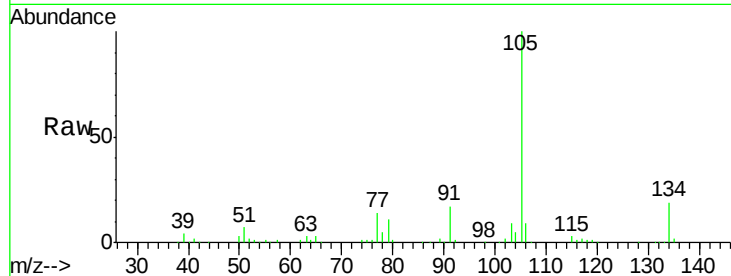
ClientSampleId :

Tot Ion:105 Resp: 145125

Ion Ratio Lower Upper

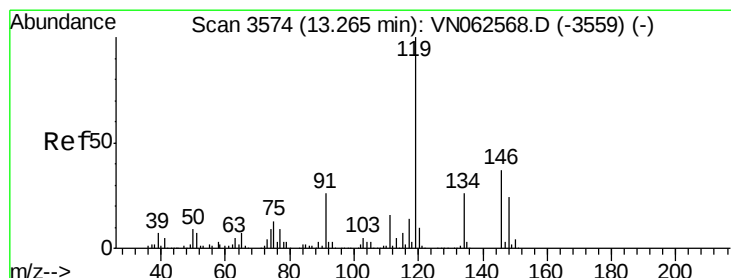
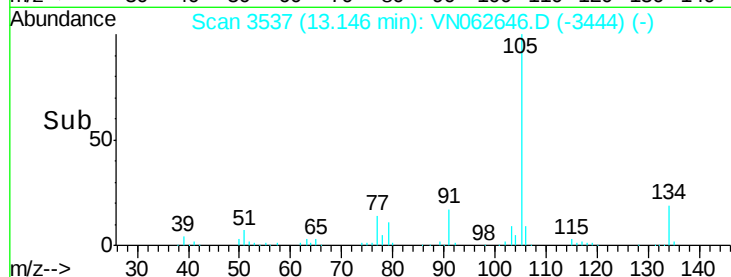
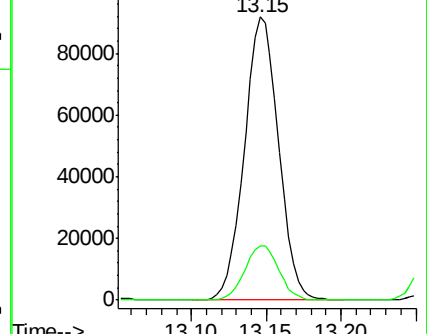
105 100

134 19.3 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.032 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

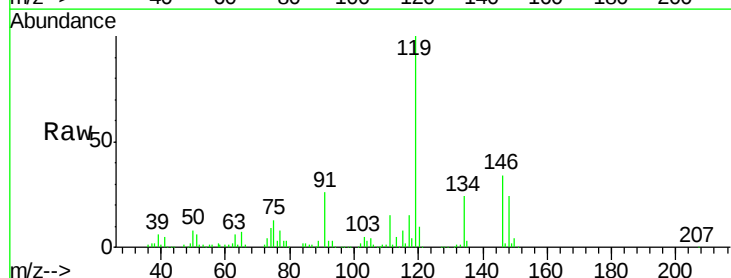
Tgt Ion:119 Resp: 131573

Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

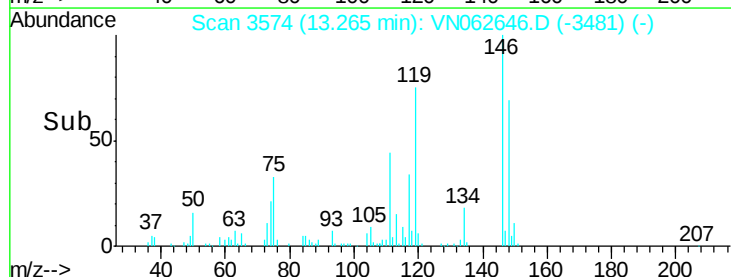
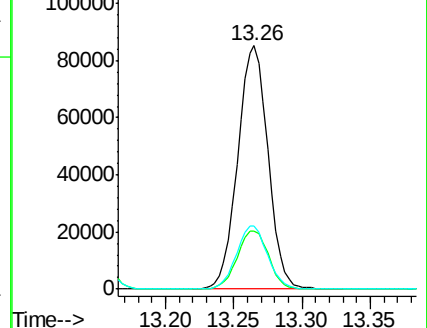
91 26.5 12.7 38.1

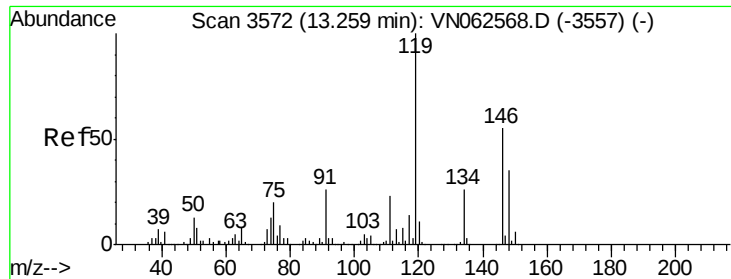


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

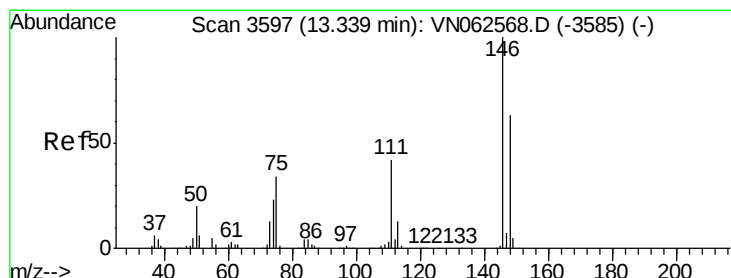
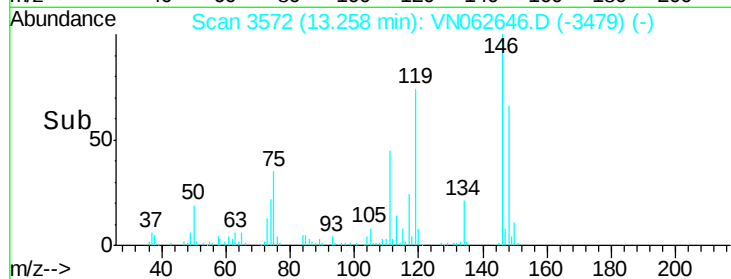
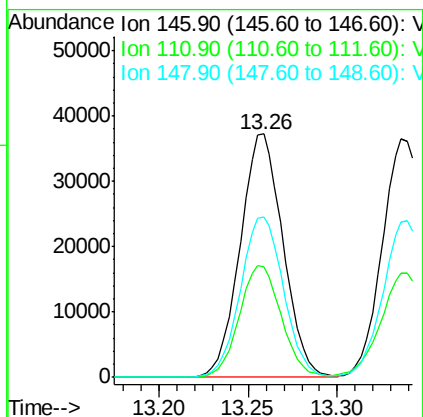
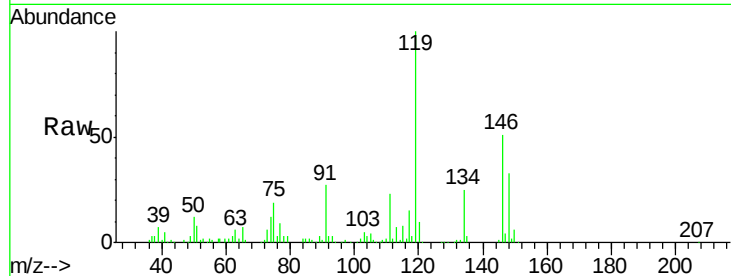




#87
 1,3-Dichlorobenzene
 Concen: 17.900 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

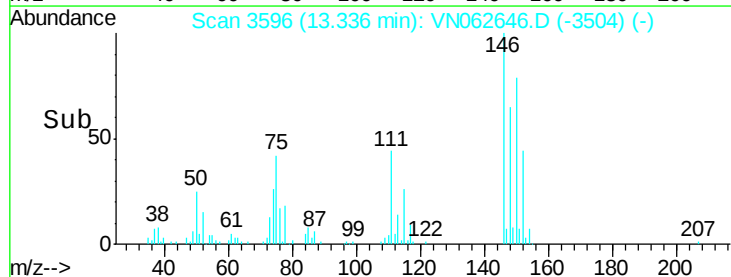
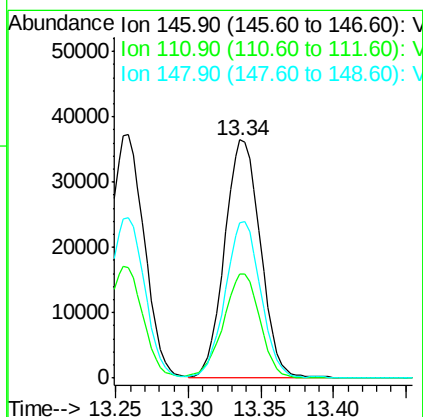
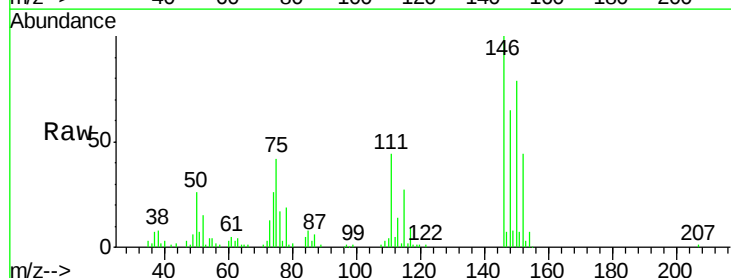
Instrument :
 MSVOA_N
 ClientSampled :

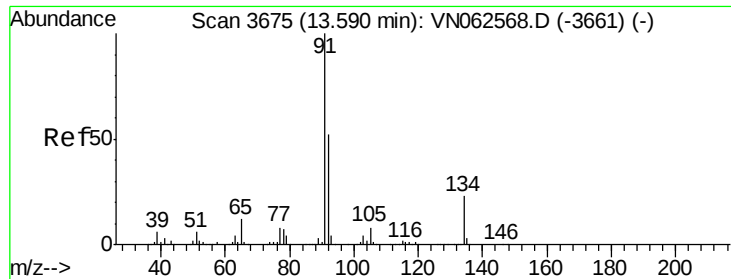
Tot Ion:146 Resp: 62516
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.6 64.6
 148 66.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.170 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion:146 Resp: 62471
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.1 63.1
 148 65.1 31.6 94.8

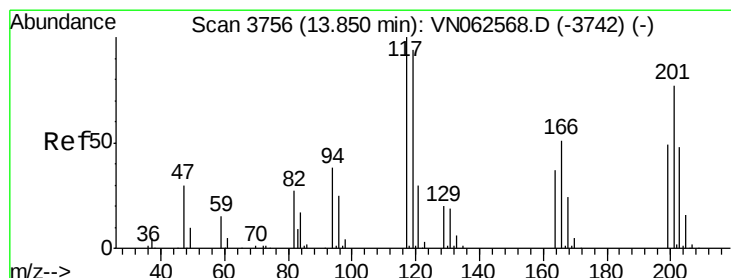
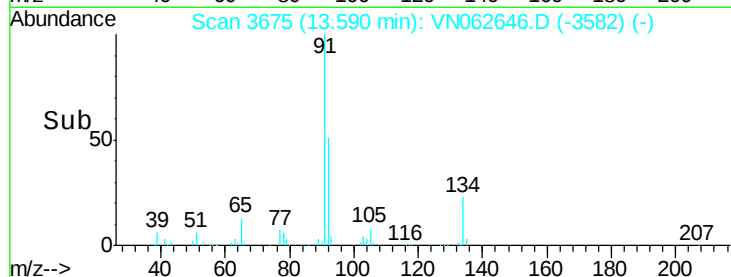
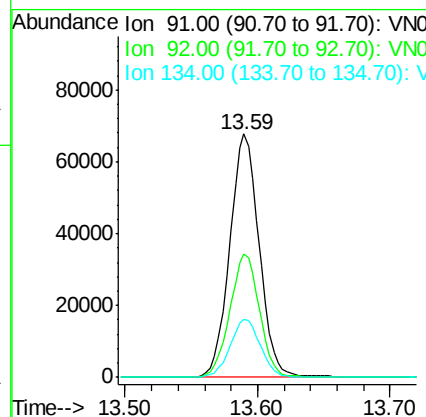
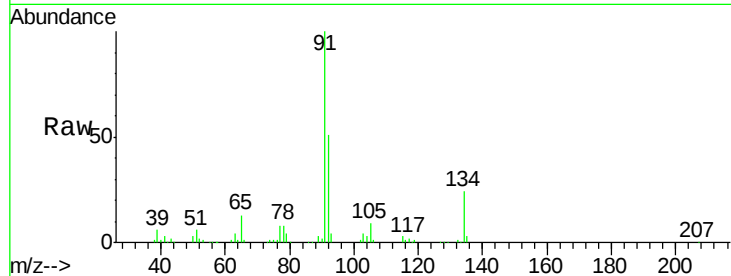




#89
n-Butylbenzene
Concen: 18.546 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

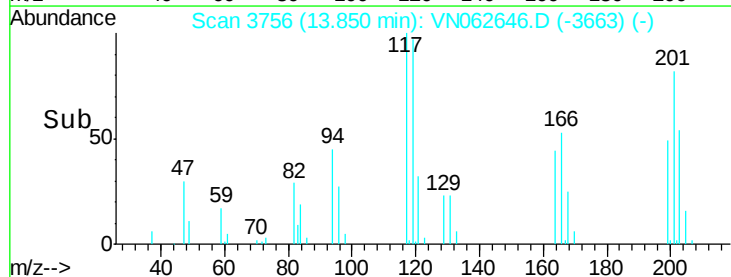
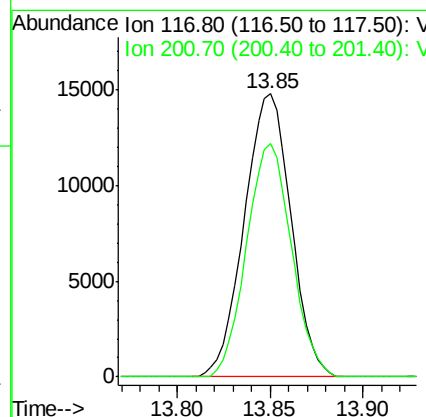
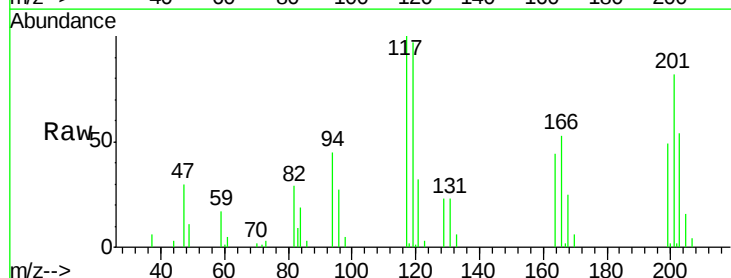
Instrument :
MSVOA_N
ClientSampled :

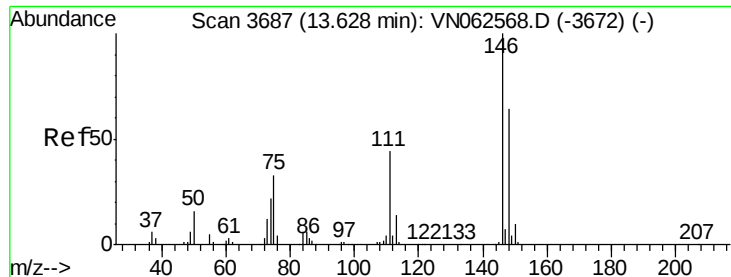
Tot Ion: 91 Resp: 104667
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 24.3 11.8 35.3



#90
Hexachloroethane
Concen: 18.485 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 117 Resp: 25846
Ion Ratio Lower Upper
117 100
201 79.2 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 18.782 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

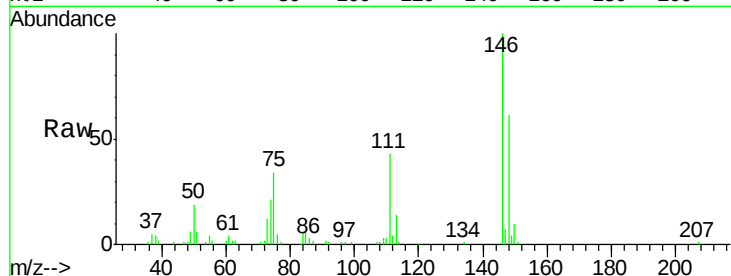
Tot Ion:146 Resp: 62723

Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.8

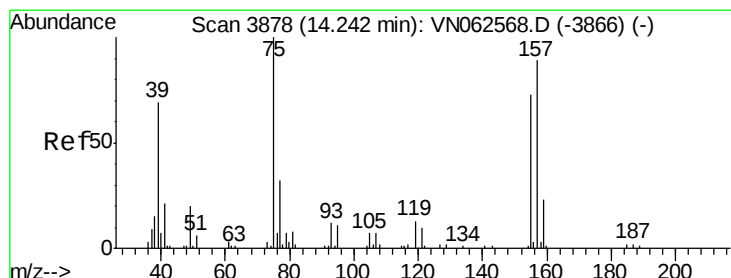
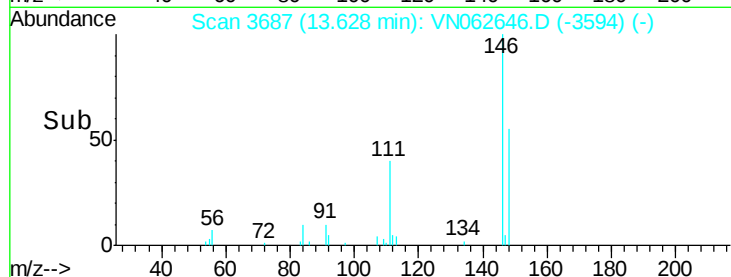
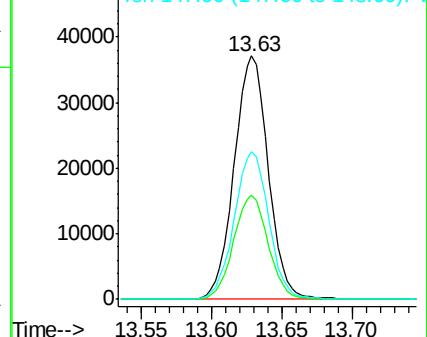
148 61.7 31.6 94.7



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: 19.506 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

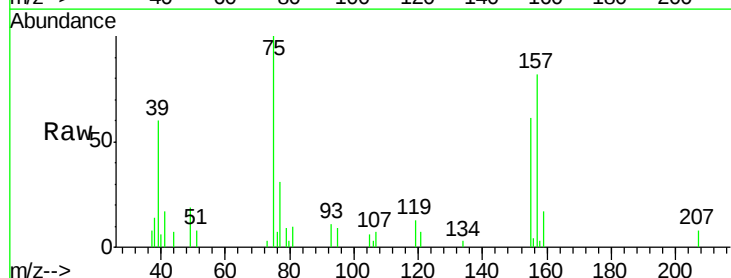
Tgt Ion: 75 Resp: 10192

Ion Ratio Lower Upper

75 100

155 65.9 35.9 107.5

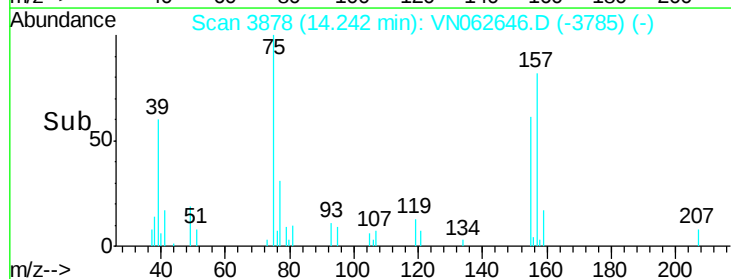
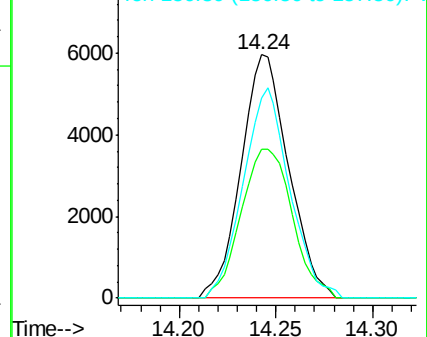
157 84.2 45.0 135.0

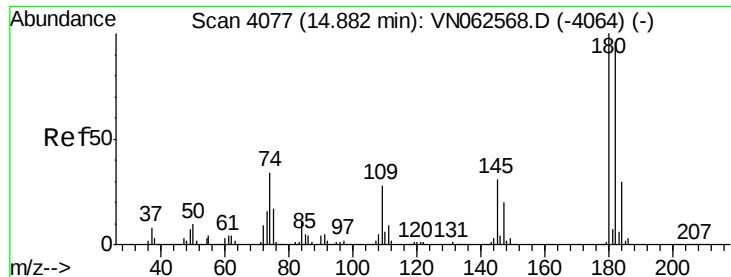


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

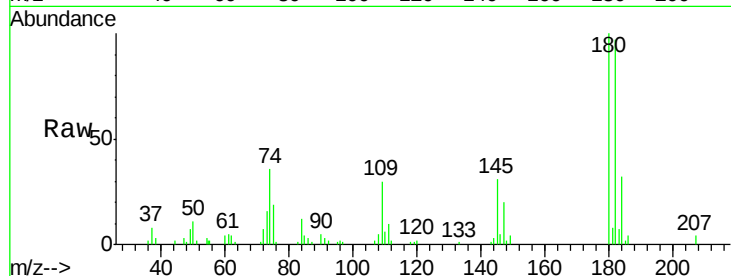




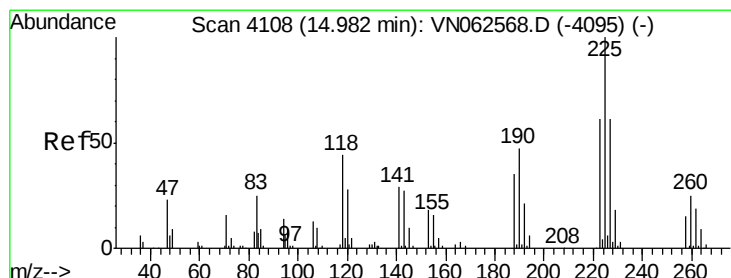
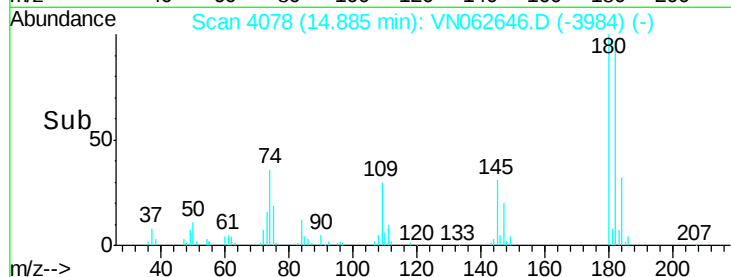
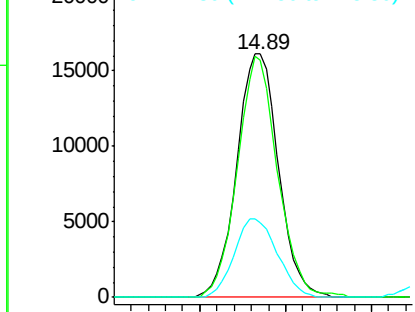
#93
 1,2,4-Trichlorobenzene
 Concen: 17.620 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 27176
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.3
 145 33.3 15.3 45.9

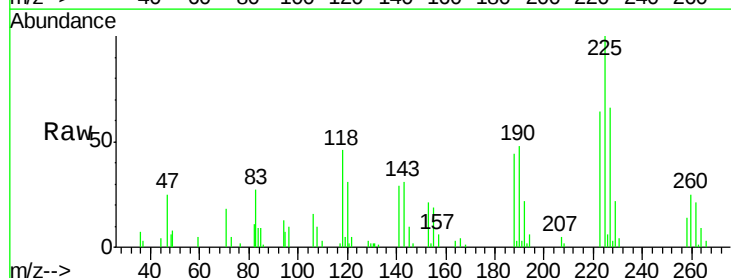


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

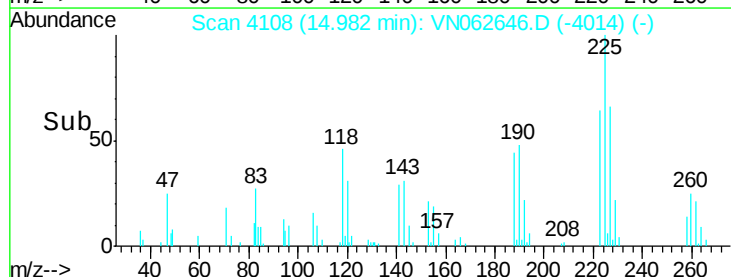
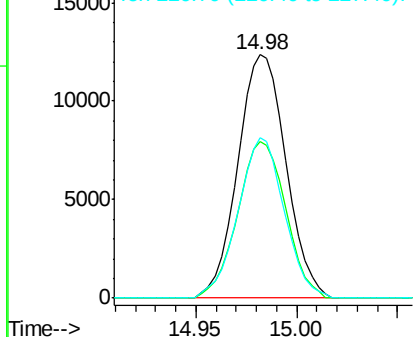


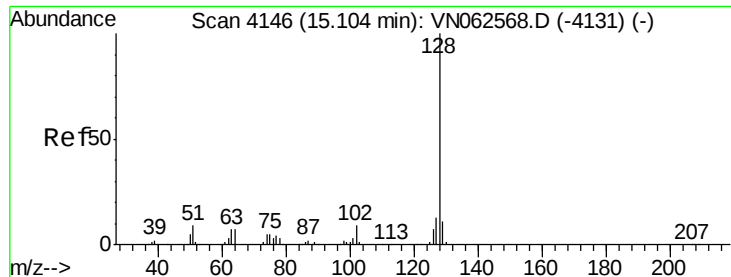
#94
 Hexachlorobutadiene
 Concen: 22.628 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion:225 Resp: 20658
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.0 96.0
 227 63.1 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

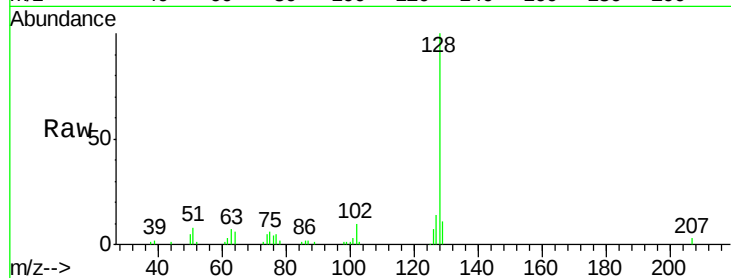




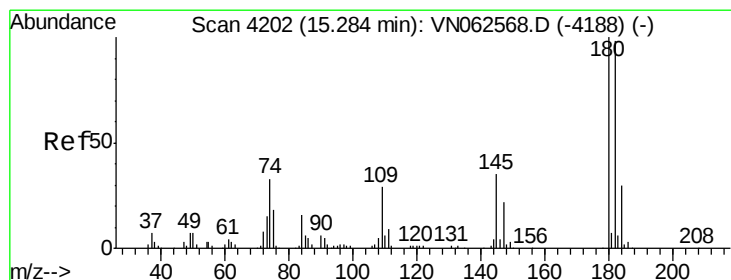
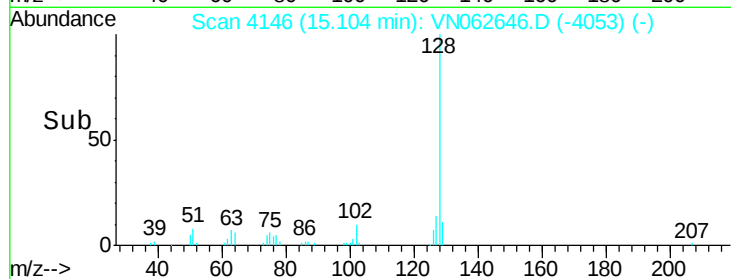
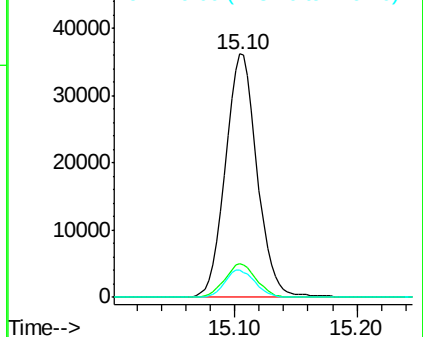
#95
Naphthalene
Concen: 16.814 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 65739
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 10.8 8.7 13.1

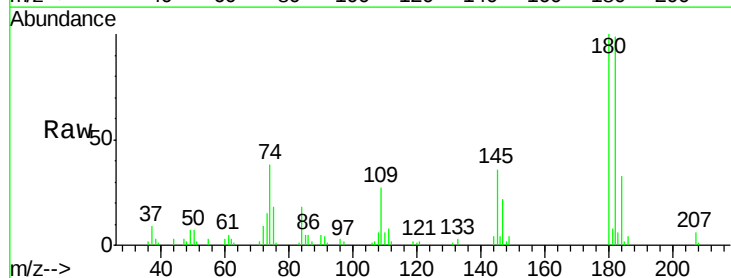


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.411 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion:180 Resp: 27401
Ion Ratio Lower Upper
180 100
182 94.7 48.1 144.3
145 35.0 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

