

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072920\
 Data File : VN062647.D
 Acq On : 29 Jul 2020 12:14
 Operator : JC/MD
 Sample : VN0729WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 02:58:30 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	7.63	168	145566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	230767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	216734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112221	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.54	113	74605	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.06	98	287963	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	104785	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32235	18.565	ug/l	95
3) Chloromethane	2.04	50	35898	15.243	ug/l	96
4) Vinyl Chloride	2.16	62	33697	16.506	ug/l	99
5) Bromomethane	2.52	94	20948	23.166	ug/l	97
6) Chloroethane	2.66	64	20780	22.502	ug/l	100
7) Trichlorofluoromethane	2.98	101	55698	23.237	ug/l	97
8) Diethyl Ether	3.37	74	19330	17.245	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29603	19.262	ug/l	99
10) Methyl Iodide	3.91	142	33464	17.032	ug/l	95
11) Tert butyl alcohol	4.73	59	31906	88.695	ug/l	98
12) 1,1-Dichloroethene	3.70	96	27205	17.454	ug/l	90
13) Acrolein	3.57	56	23840	69.839	ug/l	94
14) Allyl chloride	4.27	41	51226	15.194	ug/l	91
15) Acrylonitrile	4.93	53	80485	83.532	ug/l	98
16) Acetone	3.77	43	73365	86.216	ug/l	99
17) Carbon Disulfide	4.00	76	80496	15.718	ug/l	99
18) Methyl Acetate	4.28	43	39274	18.231	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	103285	18.004	ug/l	98
20) Methylene Chloride	4.50	84	33089	16.213	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	29033	16.783	ug/l	94
22) Diisopropyl ether	5.90	45	106160	15.841	ug/l	93
23) Vinyl Acetate	5.84	43	446679	81.345	ug/l	97
24) 1,1-Dichloroethane	5.80	63	60519	16.770	ug/l	99
25) 2-Butanone	6.79	43	105461	81.377	ug/l	95
26) 2,2-Dichloropropane	6.78	77	56435	19.050	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	33020	16.728	ug/l	96
28) Bromochloromethane	7.15	49	29051	16.357	ug/l	89
29) Tetrahydrofuran	7.17	42	70177	80.027	ug/l	94
30) Chloroform	7.33	83	63244	18.432	ug/l	98
31) Cyclohexane	7.61	56	52147	15.650	ug/l #	88
32) 1,1,1-Trichloroethane	7.53	97	57280	19.995	ug/l	98
36) 1,1-Dichloropropene	7.75	75	45470	18.486	ug/l	98
37) Ethyl Acetate	6.88	43	44396	16.744	ug/l	99
38) Carbon Tetrachloride	7.73	117	50212	21.237	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48153	18.186	ug/l	98
40) Benzene	8.00	78	131913	17.714	ug/l	99
41) Methacrylonitrile	7.13	41	20312	17.875	ug/l #	90
42) 1,2-Dichloroethane	8.09	62	56827	20.873	ug/l	97
43) Isopropyl Acetate	8.12	43	73837	17.274	ug/l	99
44) Trichloroethene	8.80	130	31041	18.484	ug/l	99
45) 1,2-Dichloropropane	9.09	63	36708	17.557	ug/l	96
46) Dibromomethane	9.17	93	22841	18.901	ug/l	99
47) Bromodichloromethane	9.37	83	50734	19.379	ug/l	98
48) Methyl methacrylate	9.17	41	35897	17.667	ug/l	97
49) 1,4-Dioxane	9.17	88	11466	367.414	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	222956	87.177	ug/l	98
52) Toluene	10.12	92	78774	18.217	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	56074	19.240	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	58557	18.724	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	32112	19.145	ug/l	95
56) Ethyl methacrylate	10.40	69	47858	17.097	ug/l	97
57) 1,3-Dichloropropane	10.68	76	56532	18.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74222	93.003	ug/l	97
59) 2-Hexanone	10.72	43	161689	83.739	ug/l	100
60) Dibromochloromethane	10.87	129	36727	19.628	ug/l	98
61) 1,2-Dibromoethane	10.98	107	32889	18.831	ug/l	100
64) Tetrachloroethene	10.60	164	26520	18.833	ug/l	96
65) Chlorobenzene	11.41	112	84581	18.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	33526	19.614	ug/l	97
67) Ethyl Benzene	11.48	91	152262	18.277	ug/l	99
68) m/p-Xylenes	11.59	106	111553	37.254	ug/l	97
69) o-Xylene	11.92	106	52340	18.407	ug/l	97
70) Styrene	11.94	104	90439	18.829	ug/l	98
71) Bromoform	12.10	173	25497	19.867	ug/l #	96
73) Isopropylbenzene	12.22	105	146764	18.674	ug/l	99
74) N-amyl acetate	12.04	43	59308	16.898	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	47229	17.293	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	64401	25.455	ug/l #	100
77) Bromobenzene	12.50	156	34581	18.309	ug/l	97
78) n-propylbenzene	12.56	91	168845	18.341	ug/l	98
79) 2-Chlorotoluene	12.65	91	103972	18.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	128999	19.787	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15231	16.759	ug/l	85
82) 4-Chlorotoluene	12.75	91	109526	18.547	ug/l	99
83) tert-Butylbenzene	12.97	119	106818	19.732	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	123616	19.329	ug/l	100
85) sec-Butylbenzene	13.15	105	141930	19.584	ug/l	99
86) p-Isopropyltoluene	13.26	119	125658	20.159	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	62693	18.915	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	61439	18.830	ug/l	98
89) n-Butylbenzene	13.59	91	100468	18.759	ug/l	99
90) Hexachloroethane	13.85	117	24048	18.123	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	59954	18.917	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10197	20.564	ug/l	95

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

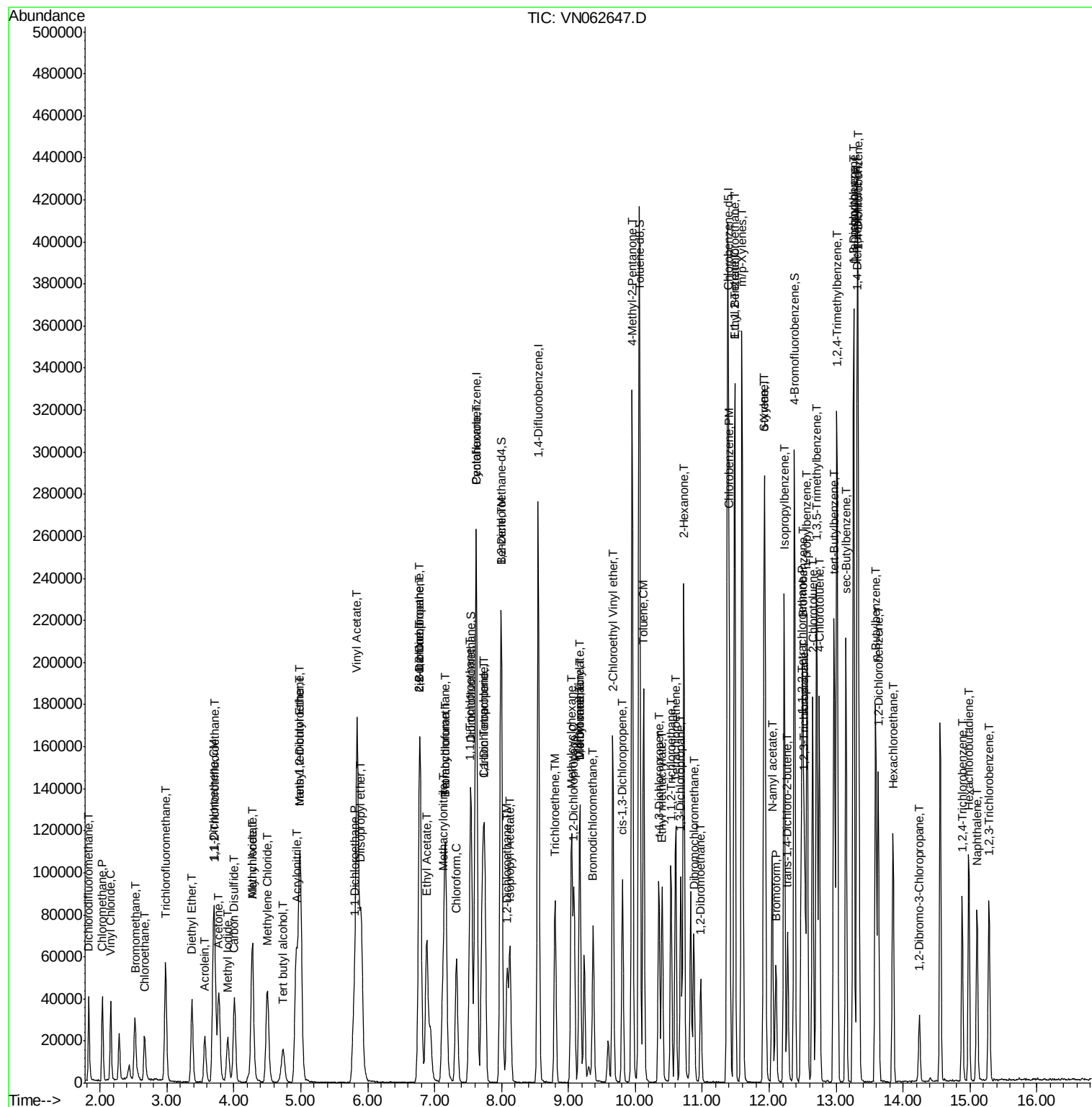
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	27106	18.361	ug/l	97
94) Hexachlorobutadiene	14.98	225	20080	23.187	ug/l	97
95) Naphthalene	15.10	128	69325	18.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27125	18.162	ug/l	100

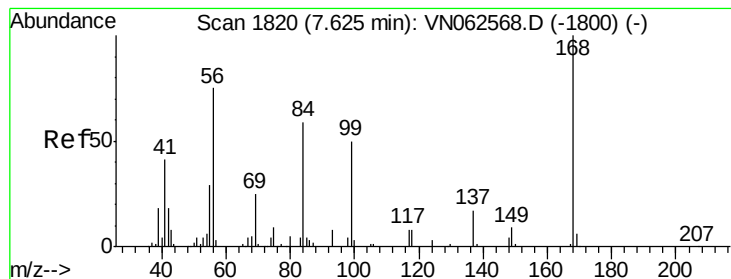
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072920\
Data File : VN062647.D
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

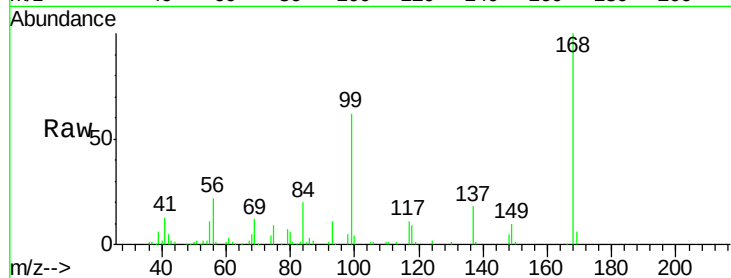
ClientSampleId :

Tot Ion:168 Resp: 145566

Ion Ratio Lower Upper

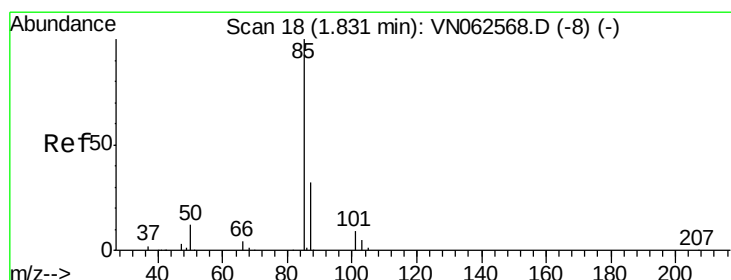
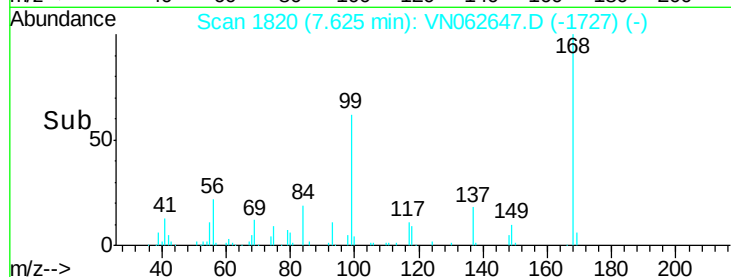
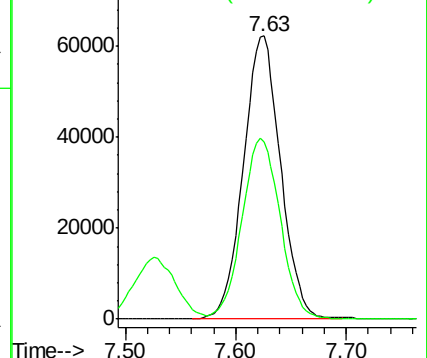
168 100

99 62.2 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: 18.565 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062647.D

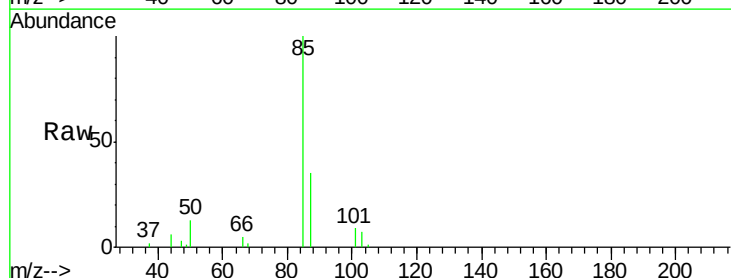
Acq: 29 Jul 2020 12:14

Tgt Ion: 85 Resp: 32235

Ion Ratio Lower Upper

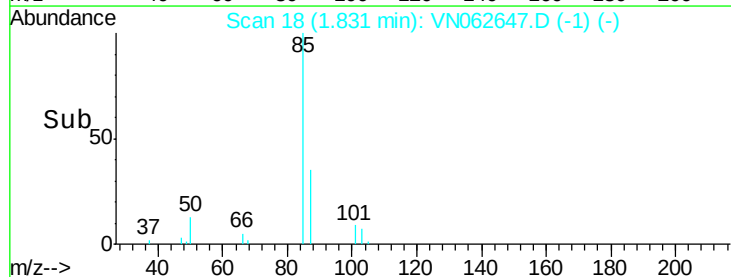
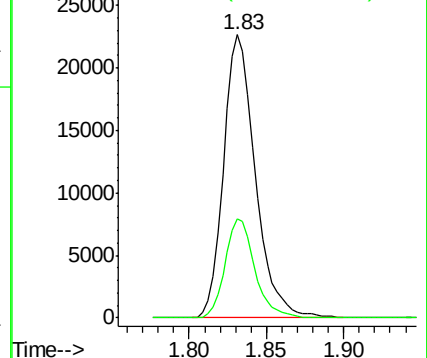
85 100

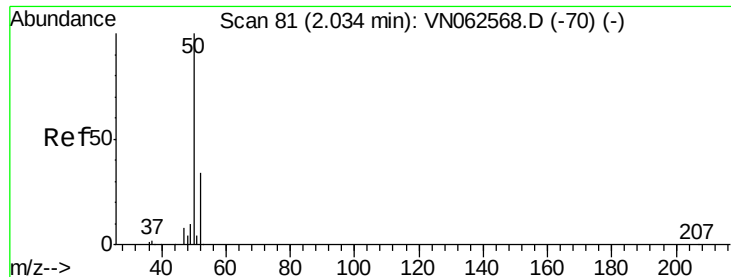
87 35.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.243 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

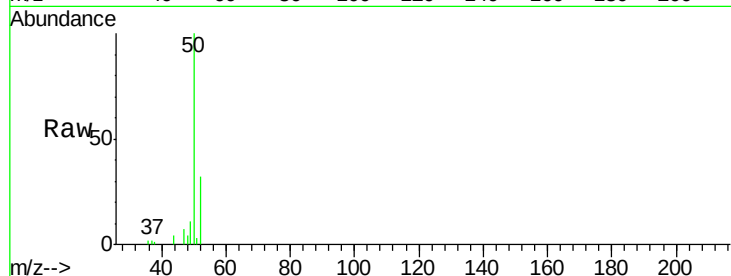
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 35898

Ion Ratio Lower Upper

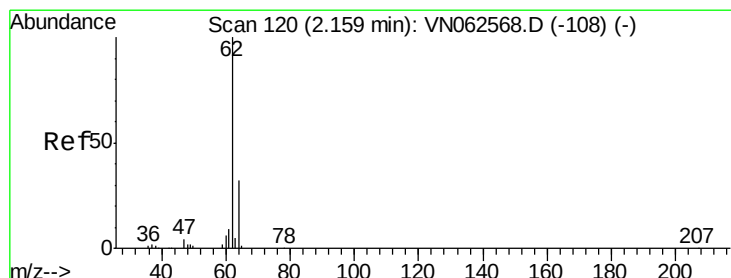
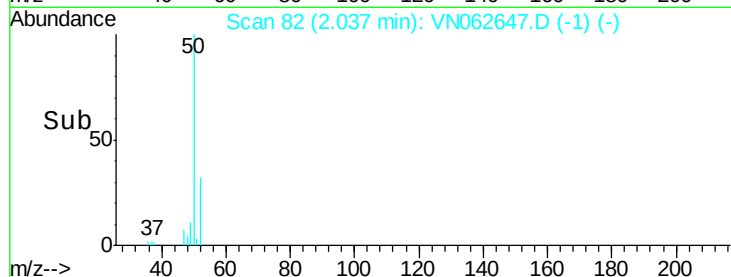
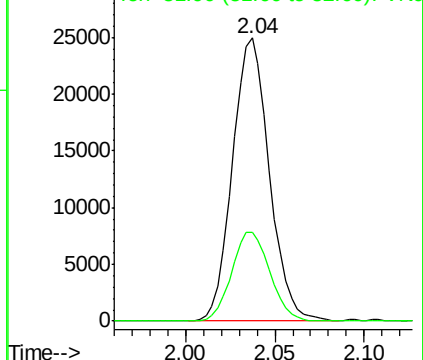
50 100

52 31.5 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.506 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062647.D

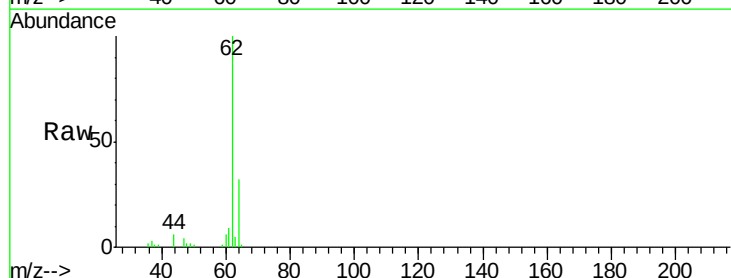
Acq: 29 Jul 2020 12:14

Tgt Ion: 62 Resp: 33697

Ion Ratio Lower Upper

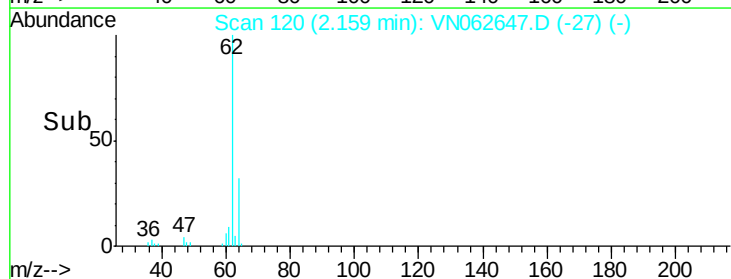
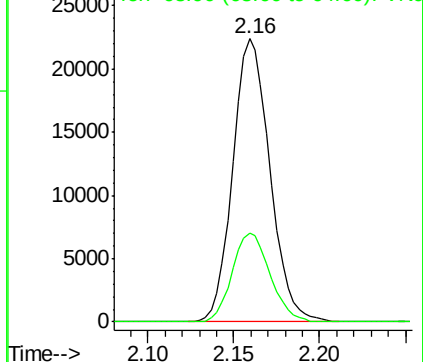
62 100

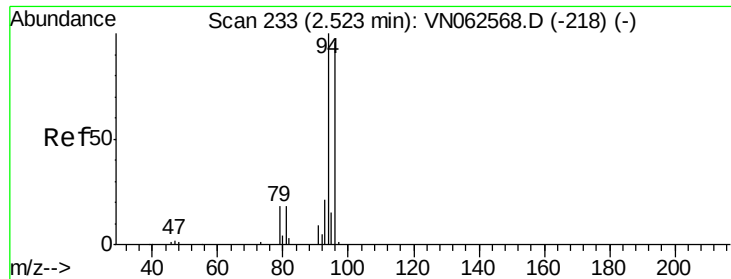
64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 23.166 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

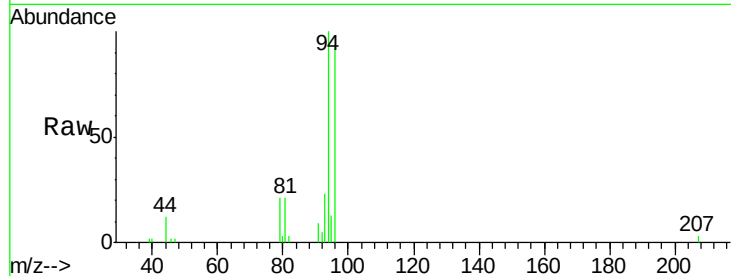
ClientSampled :

Tot Ion: 94 Resp: 20948

Ion Ratio Lower Upper

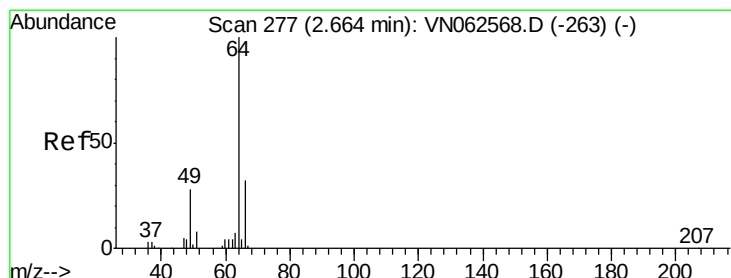
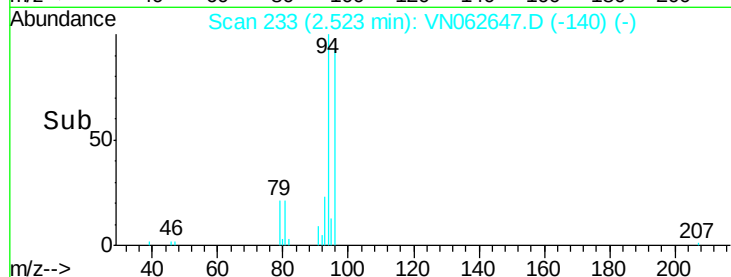
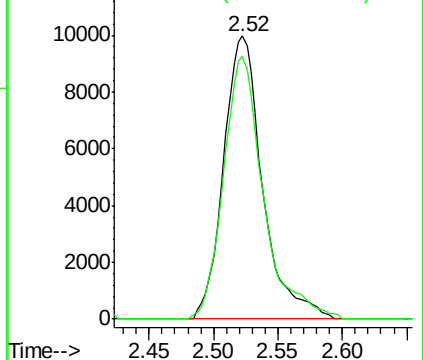
94 100

96 93.1 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 22.502 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062647.D

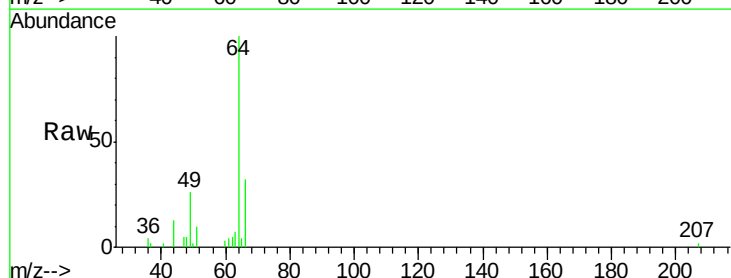
Acq: 29 Jul 2020 12:14

Tgt Ion: 64 Resp: 20780

Ion Ratio Lower Upper

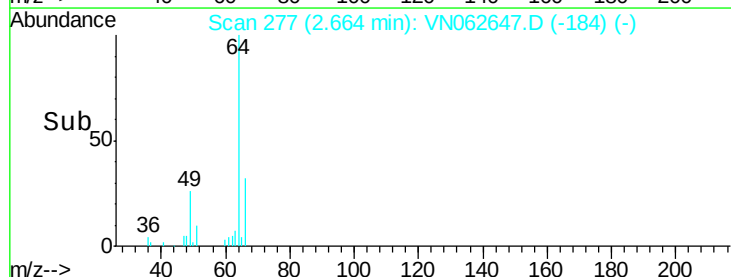
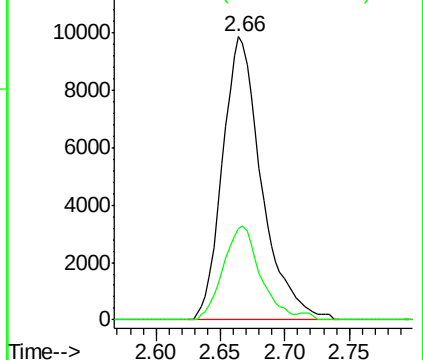
64 100

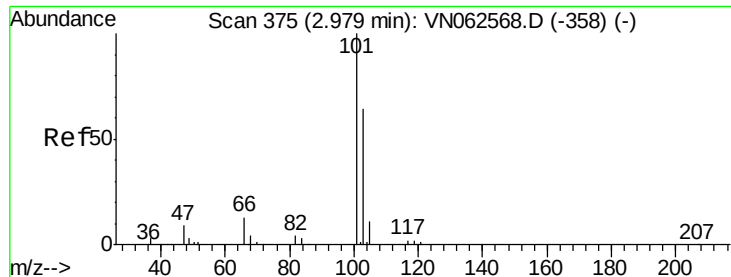
66 32.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



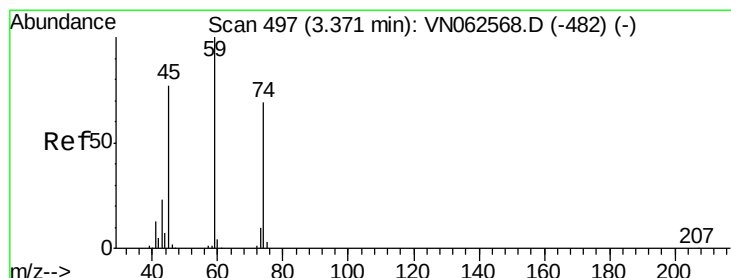
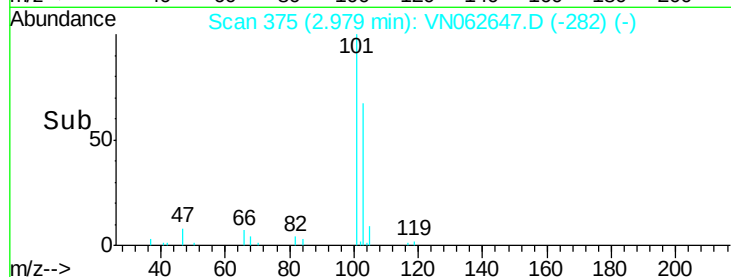
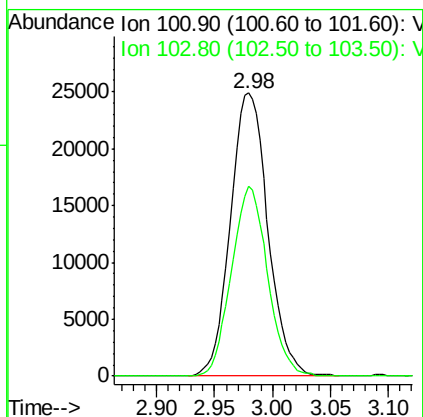
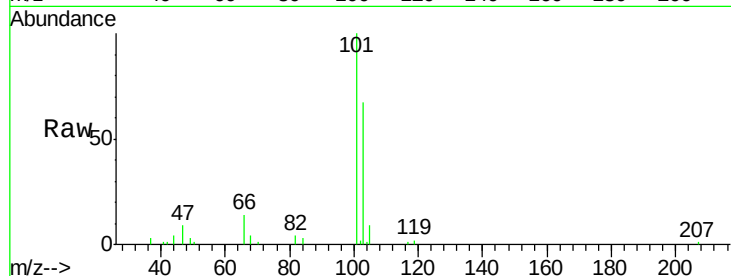


#7

Trichlorofluoromethane
 Concen: 23.237 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampled :

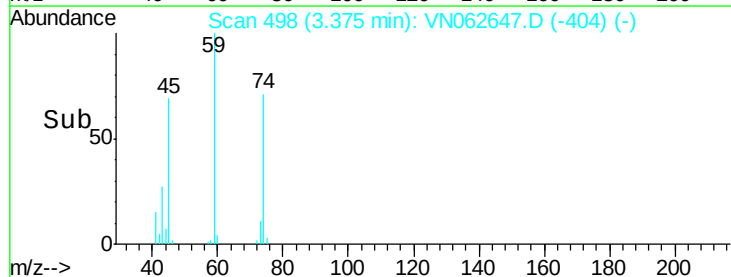
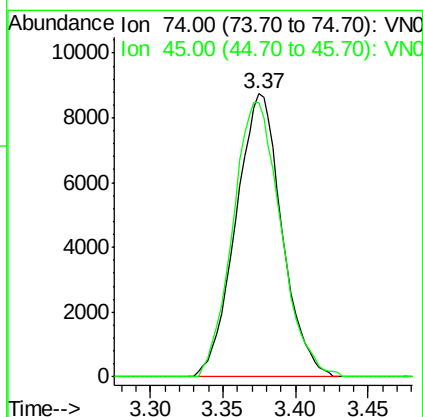
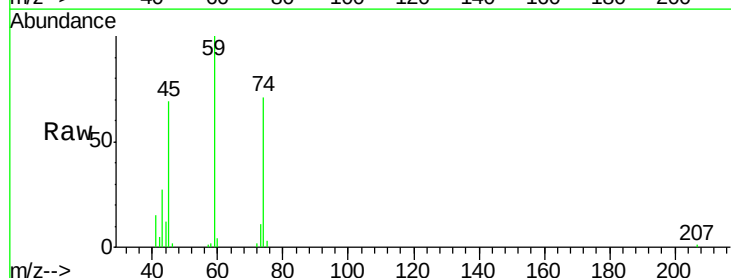
Tot Ion:101 Resp: 55698
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.5 77.3

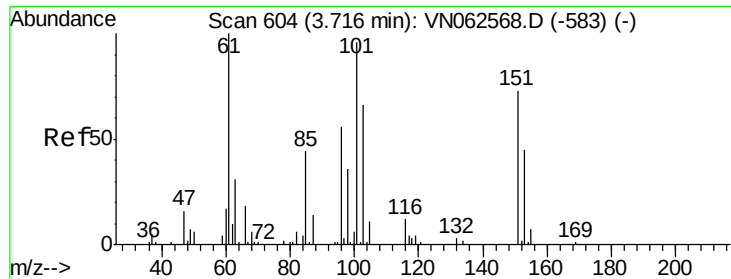


#8

Diethyl Ether
 Concen: 17.245 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 74 Resp: 19330
 Ion Ratio Lower Upper
 74 100
 45 101.4 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.262 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

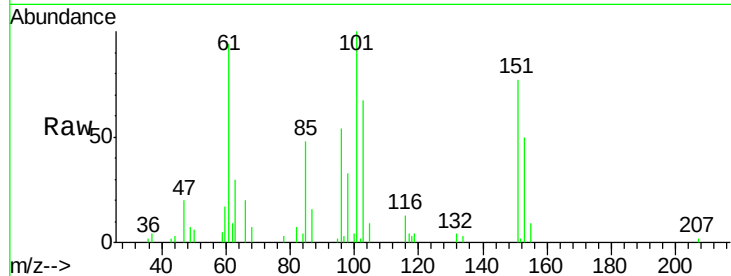
Tot Ion:101 Resp: 29603

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

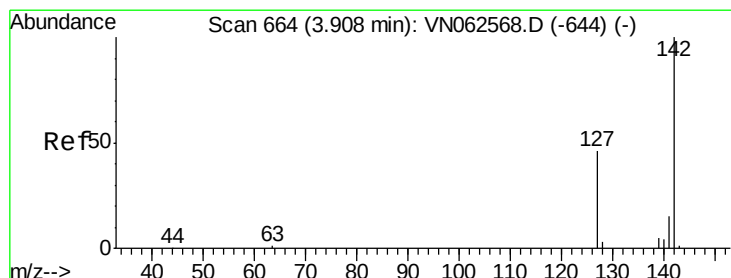
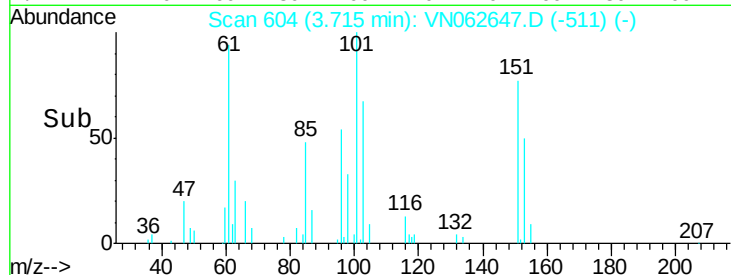
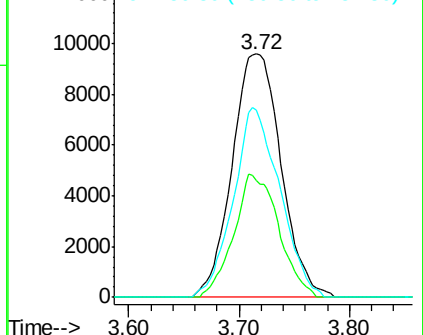
151 74.1 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.032 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

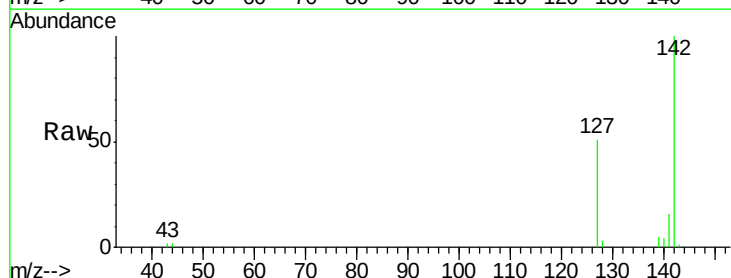
Tgt Ion:142 Resp: 33464

Ion Ratio Lower Upper

142 100

127 51.0 37.4 56.0

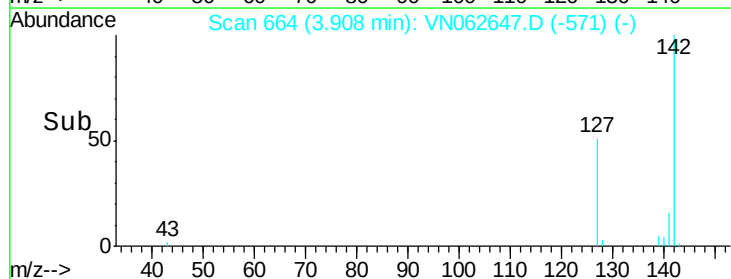
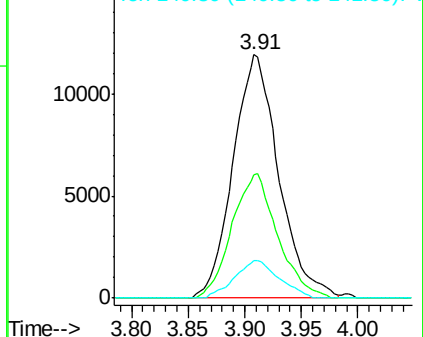
141 15.0 11.9 17.9

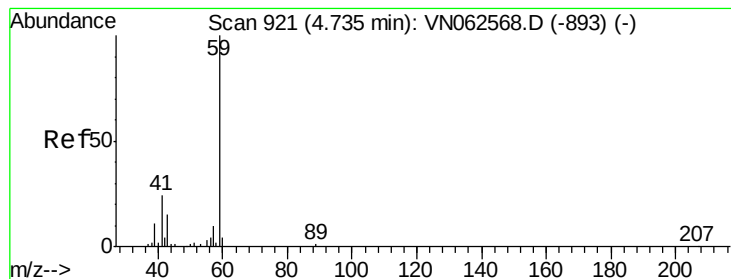


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 88.695 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

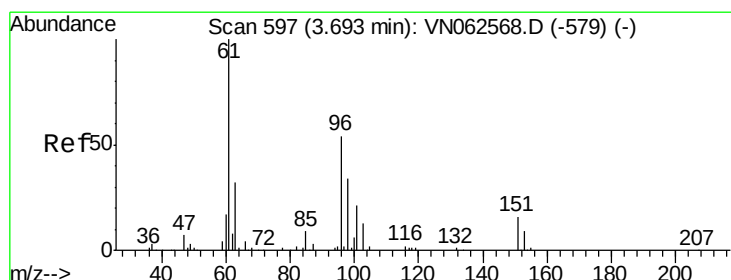
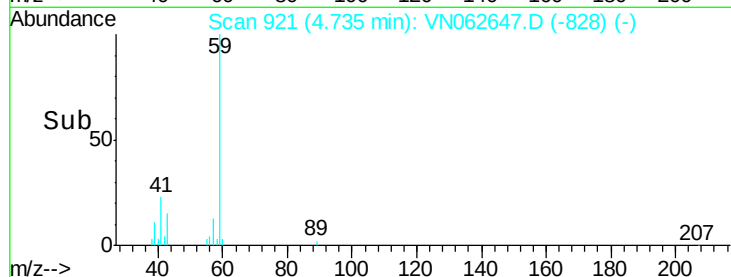
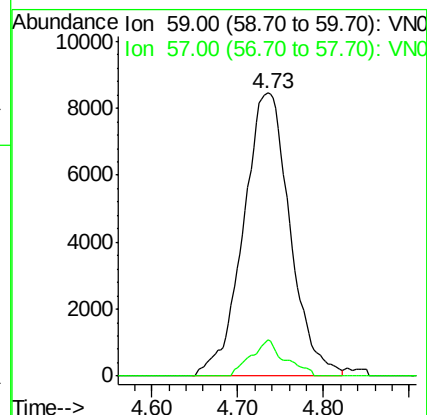
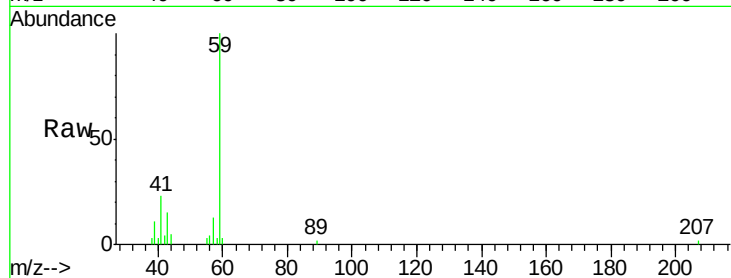
ClientSampleId :

Tot Ion: 59 Resp: 31906

Ion Ratio Lower Upper

59 100

57 9.3 8.2 12.2



#12

1,1-Dichloroethene

Concen: 17.454 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

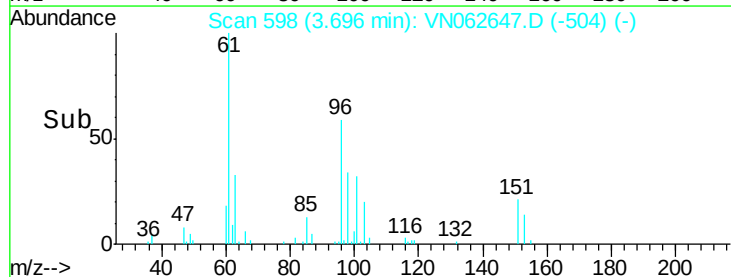
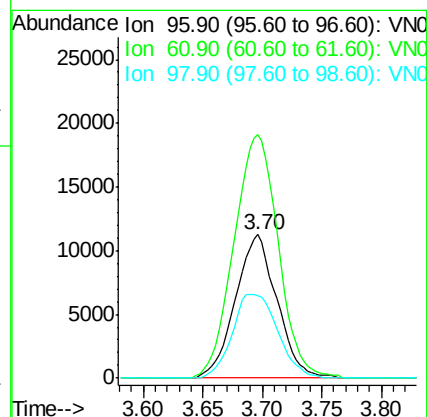
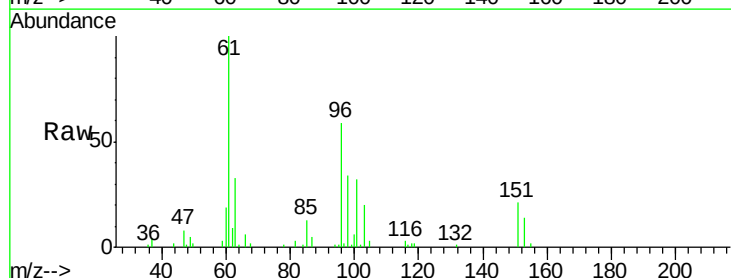
Tgt Ion: 96 Resp: 27205

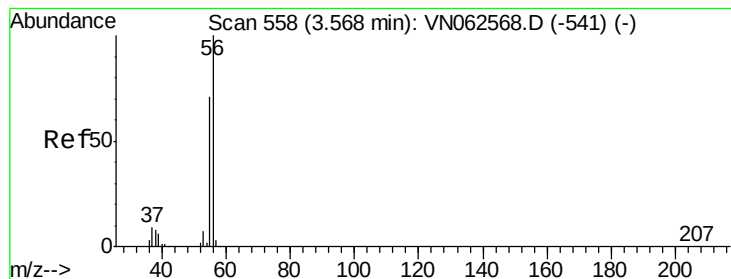
Ion Ratio Lower Upper

96 100

61 169.8 148.6 222.8

98 57.9 50.6 75.8





#13

Acrolein

Concen: 69.839 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

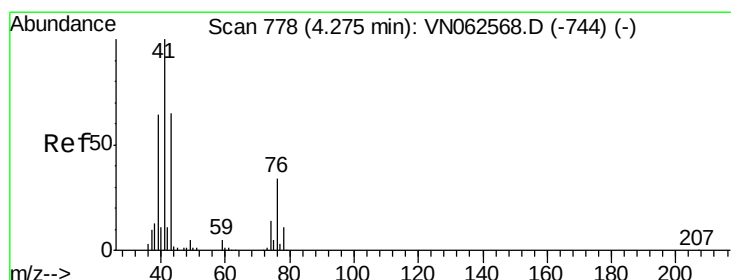
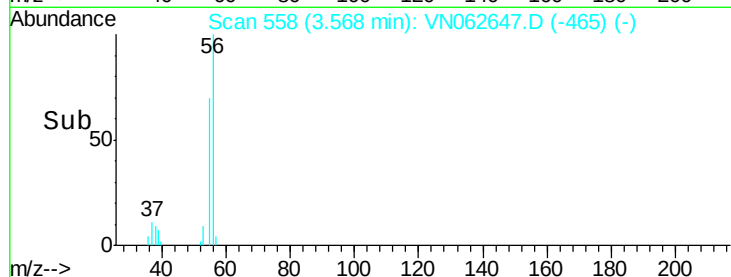
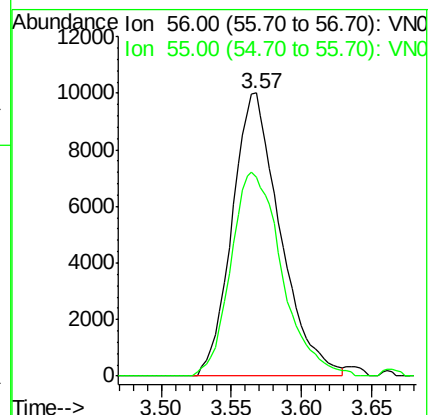
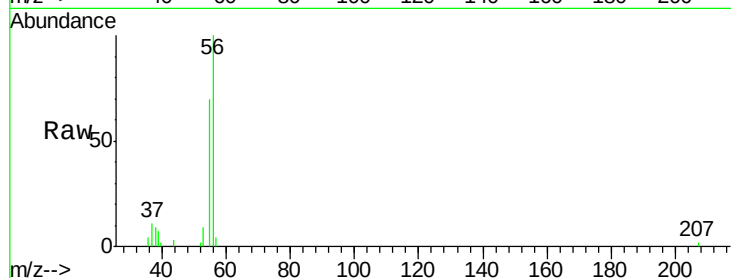
ClientSampled :

Tot Ion: 56 Resp: 23840

Ion Ratio Lower Upper

56 100

55 76.6 57.0 85.4



#14

Allyl chloride

Concen: 15.194 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

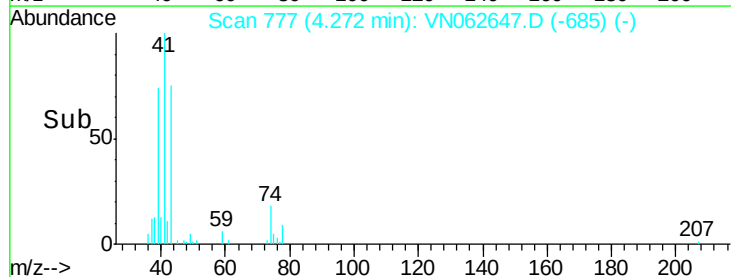
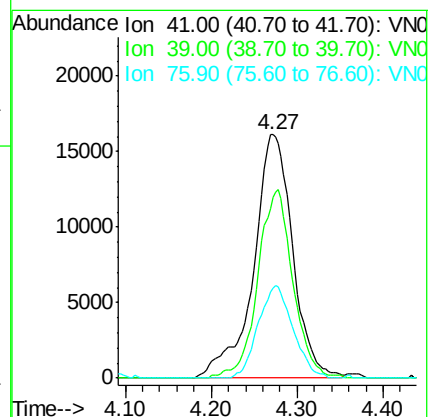
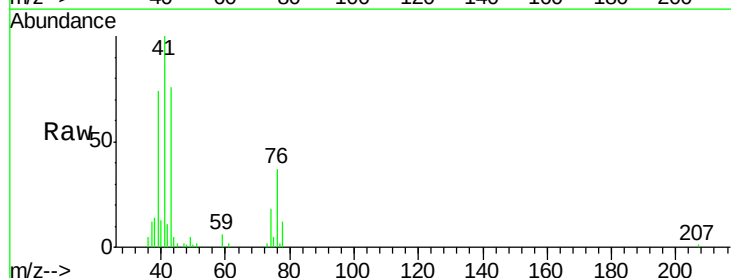
Tgt Ion: 41 Resp: 51226

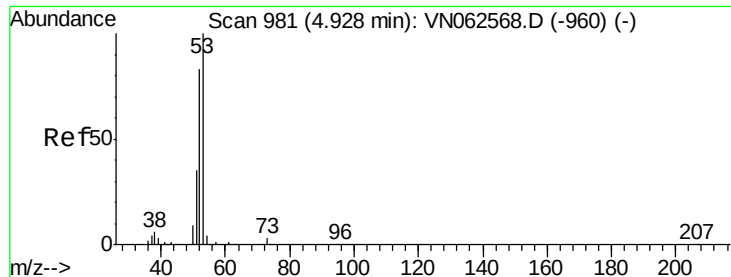
Ion Ratio Lower Upper

41 100

39 69.1 49.0 73.4

76 33.7 24.0 36.0





#15

Acrylonitrile

Concen: 83.532 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

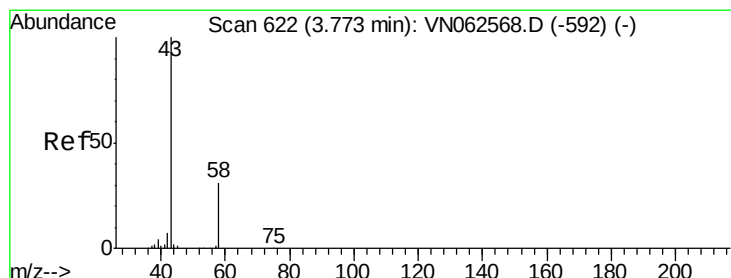
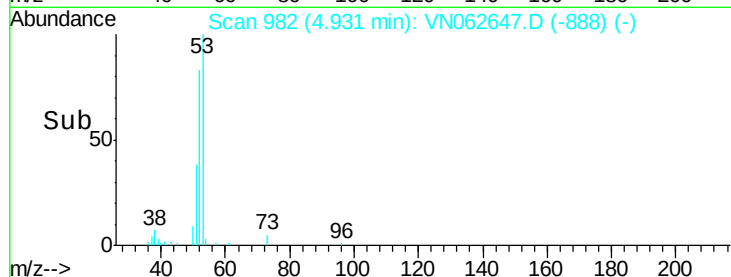
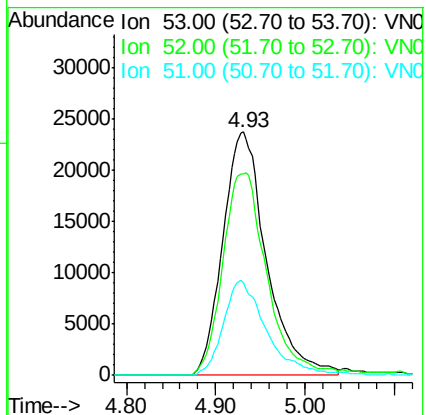
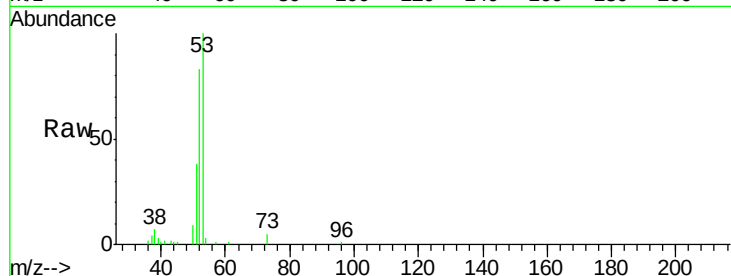
Tot Ion: 53 Resp: 80485

Ion Ratio Lower Upper

53 100

52 84.6 66.3 99.5

51 37.9 28.6 43.0



#16

Acetone

Concen: 86.216 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062647.D

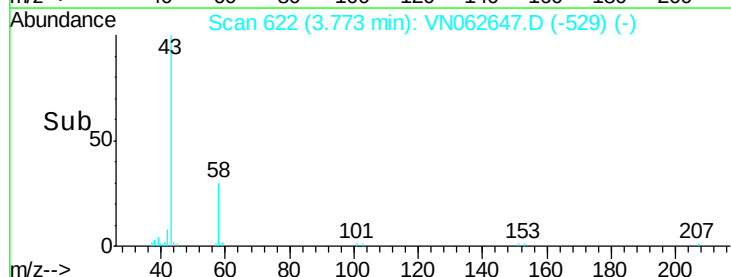
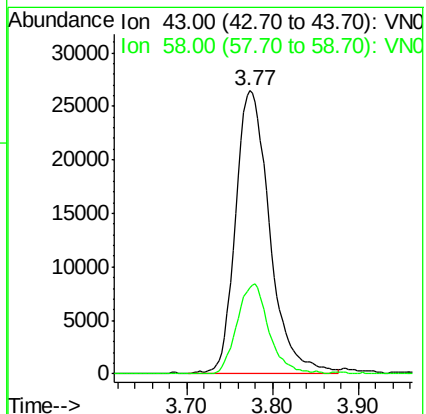
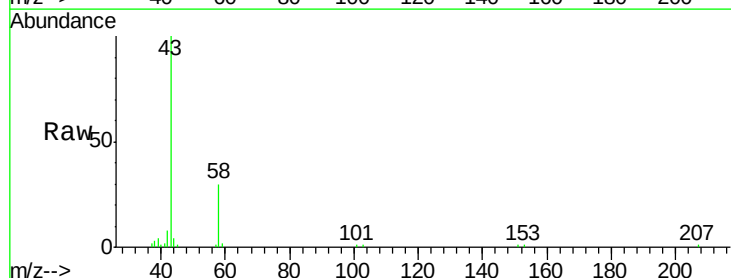
Acq: 29 Jul 2020 12:14

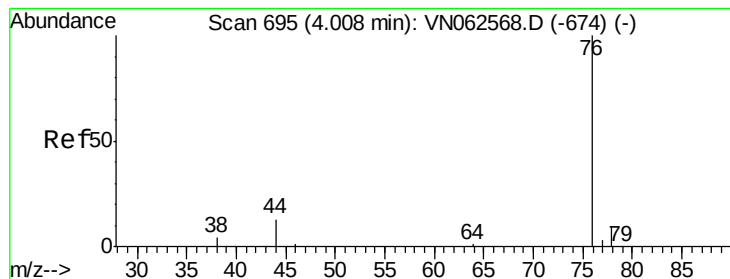
Tgt Ion: 43 Resp: 73365

Ion Ratio Lower Upper

43 100

58 30.3 24.6 37.0





#17

Carbon Disulfide

Concen: 15.718 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

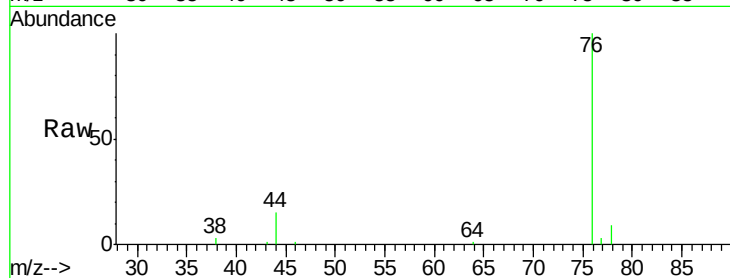
ClientSampleId :

Tot Ion: 76 Resp: 80496

Ion Ratio Lower Upper

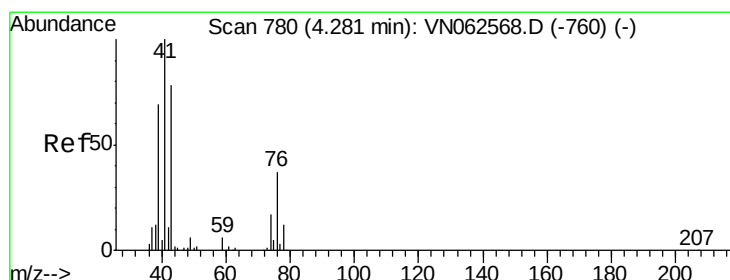
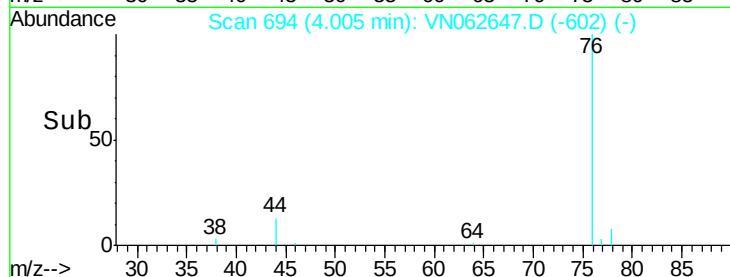
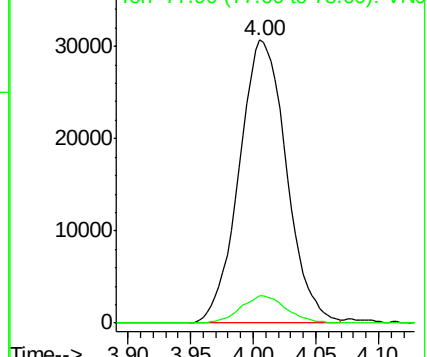
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.231 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062647.D

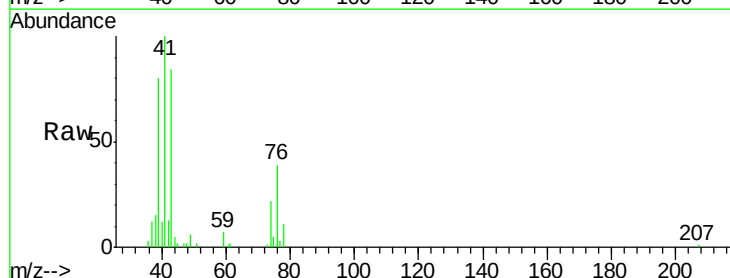
Acq: 29 Jul 2020 12:14

Tgt Ion: 43 Resp: 39274

Ion Ratio Lower Upper

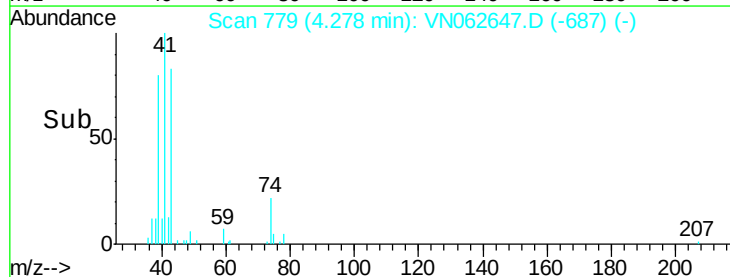
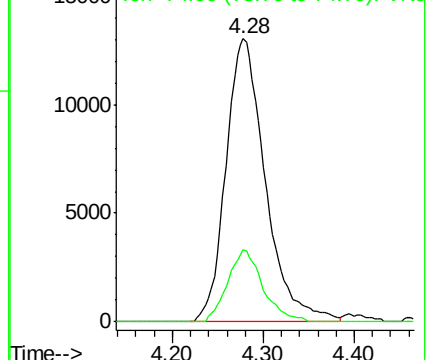
43 100

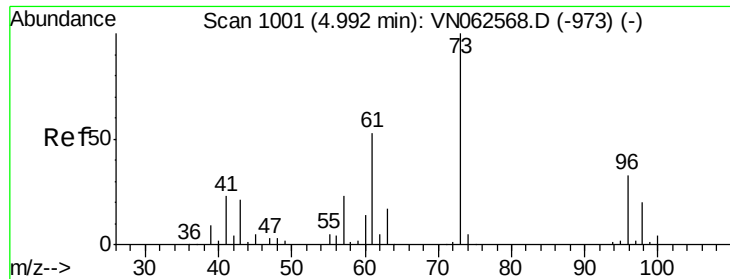
74 22.6 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

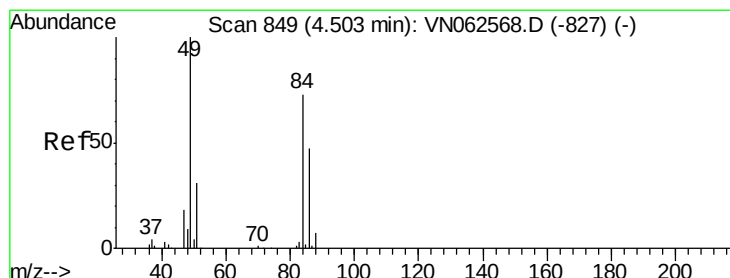
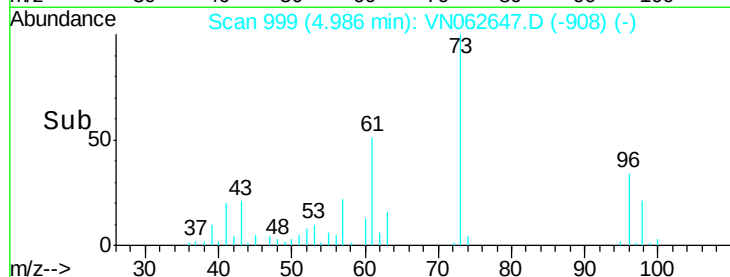
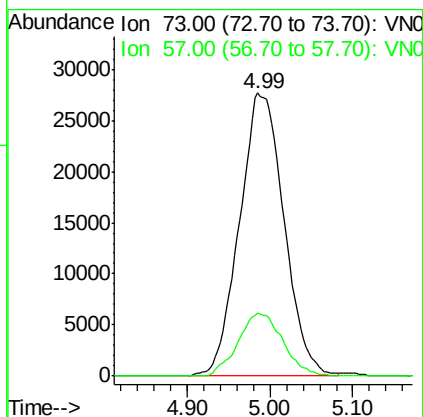
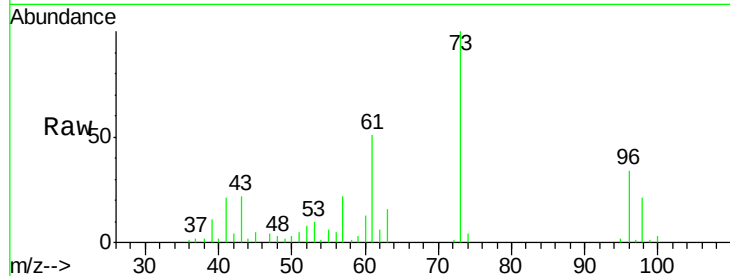




#19
Methvl tert-butyl Ether
Concen: 18.004 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

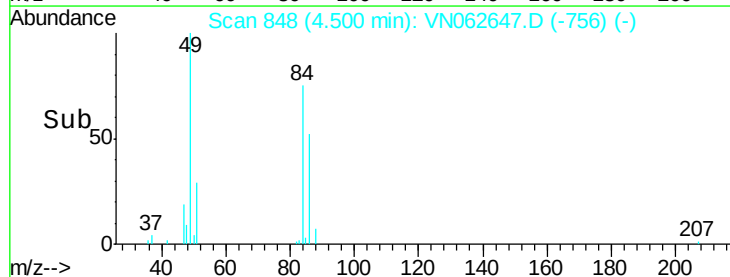
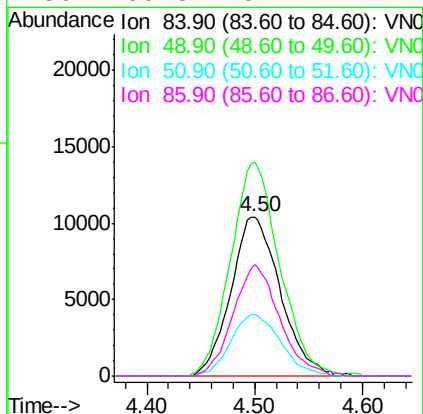
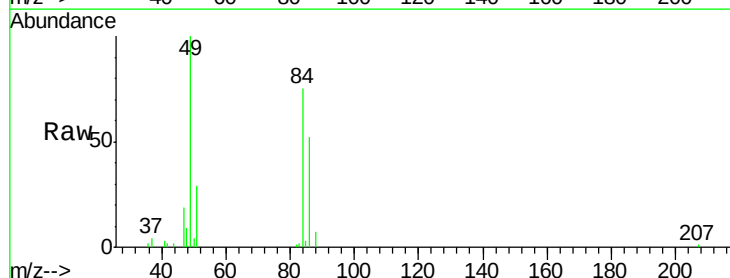
Instrument :
MSVOA_N
ClientSampleId :

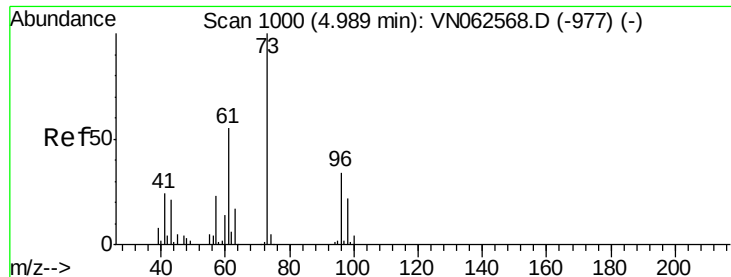
Tot Ion: 73 Resp: 103285
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 16.213 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 84 Resp: 33089
Ion Ratio Lower Upper
84 100
49 134.1 109.4 164.0
51 39.0 33.6 50.4
86 69.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.783 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

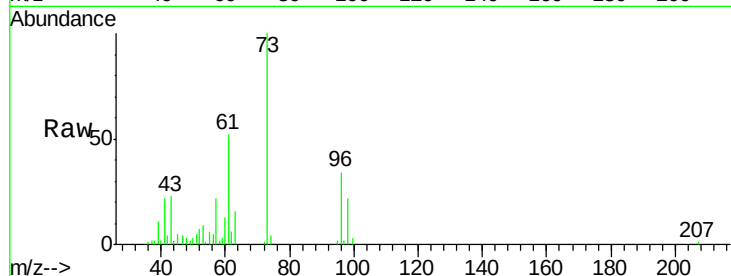
Tot Ion: 96 Resp: 29033

Ion Ratio Lower Upper

96 100

61 149.8 128.6 192.8

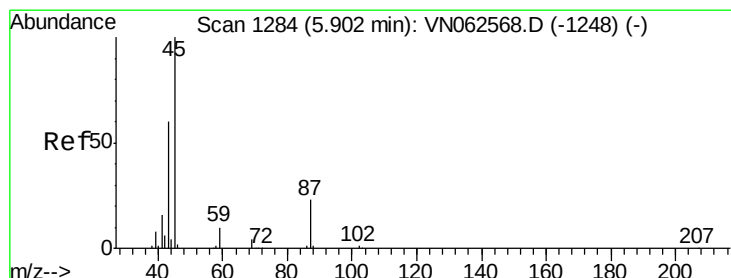
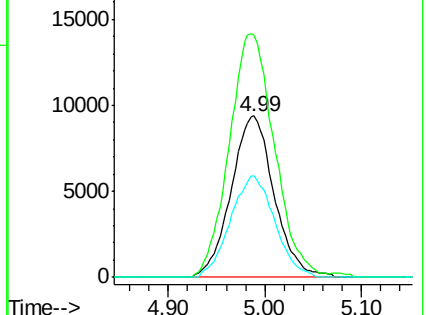
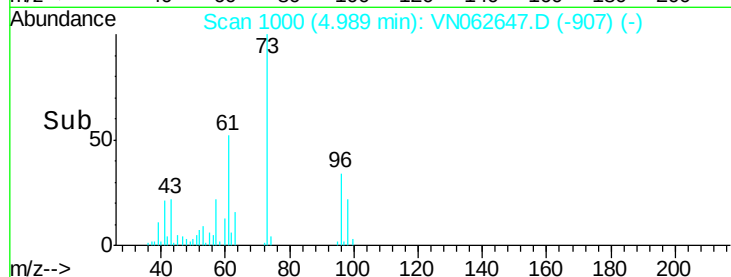
98 62.9 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062647.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN062647.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN062647.D (-907) (-)



#22

Diisopropyl ether

Concen: 15.841 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion: 45 Resp: 106160

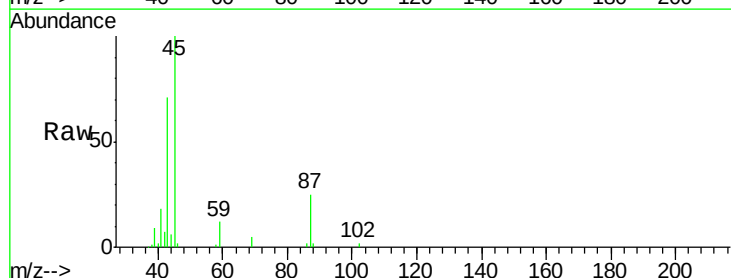
Ion Ratio Lower Upper

45 100

43 67.6 48.7 73.1

87 25.2 19.0 28.6

59 12.2 8.6 13.0

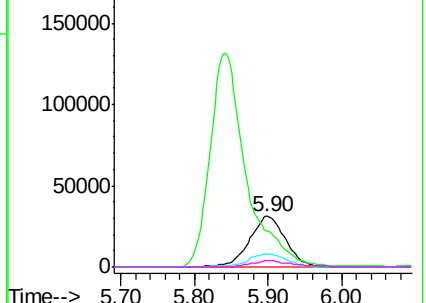
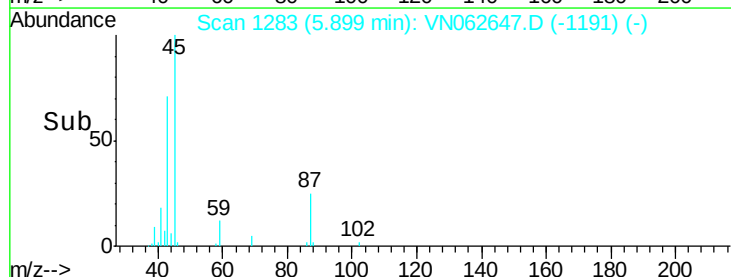


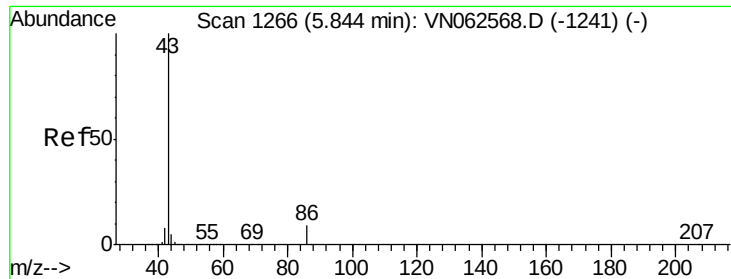
Abundance Ion 45.00 (44.70 to 45.70): VN062647.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062647.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062647.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062647.D (-1191) (-)





#23

Vinyl Acetate

Concen: 81.345 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

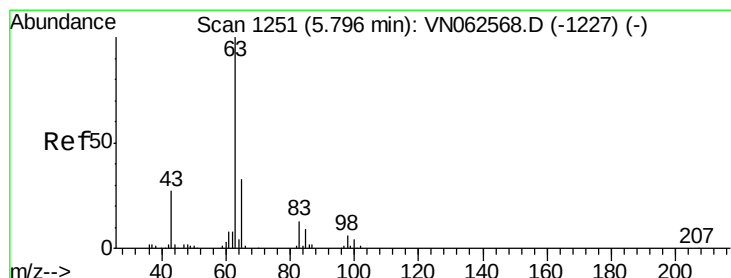
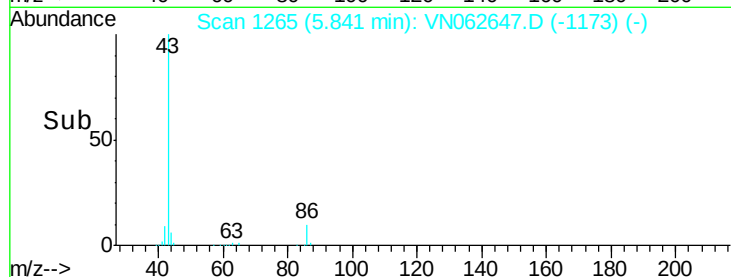
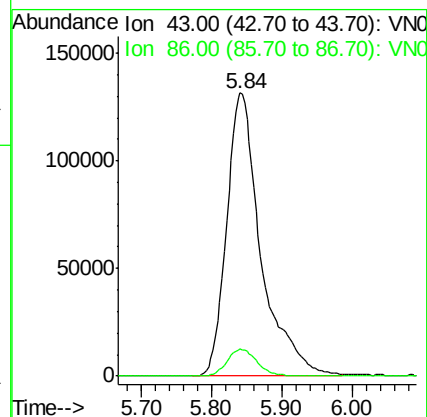
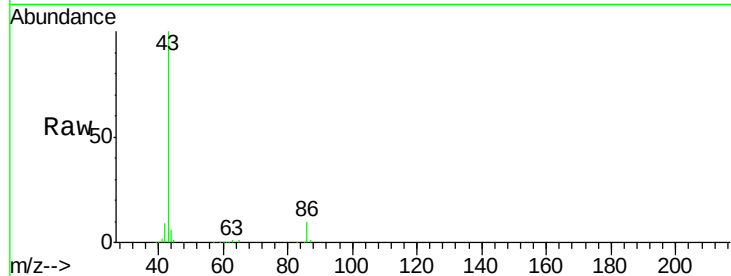
ClientSampled :

Tot Ion: 43 Resp: 446679

Ion Ratio Lower Upper

43 100

86 9.6 6.9 10.3



#24

1,1-Dichloroethane

Concen: 16.770 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

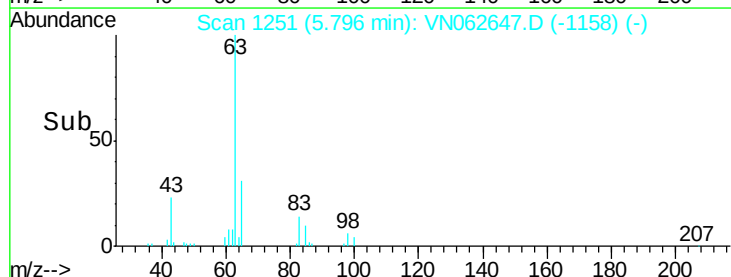
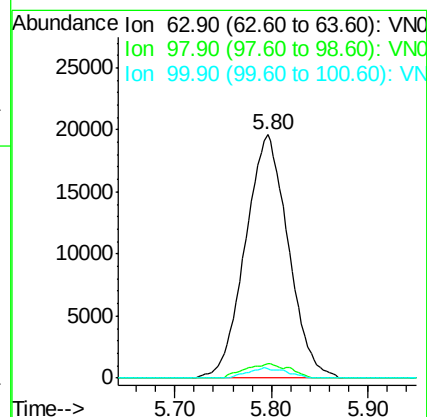
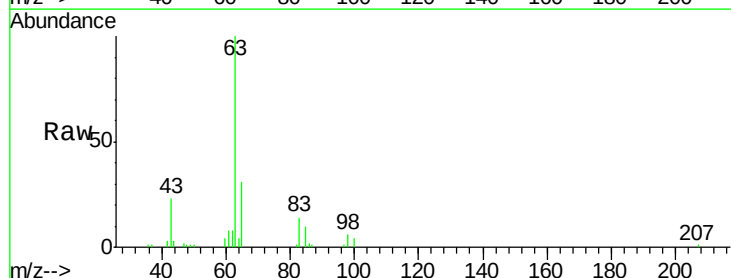
Tgt Ion: 63 Resp: 60519

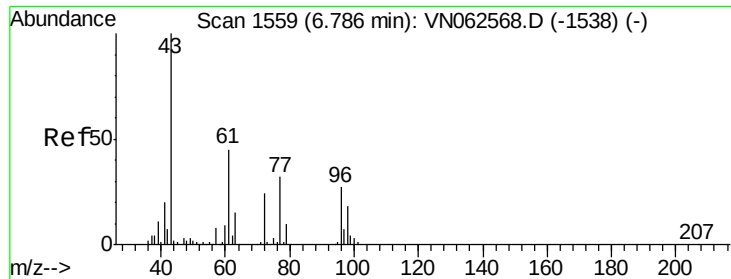
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 4.0 1.8 5.4





#25

2-Butanone

Concen: 81.377 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

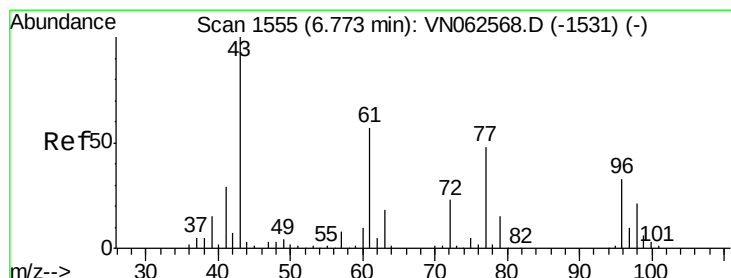
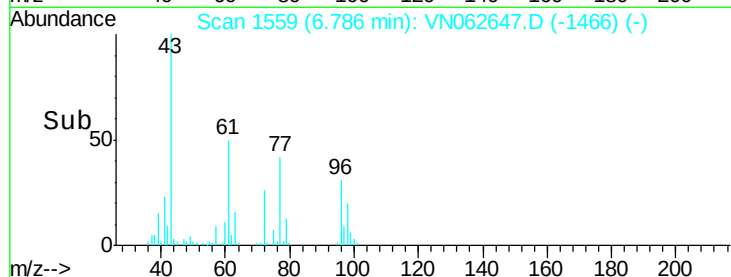
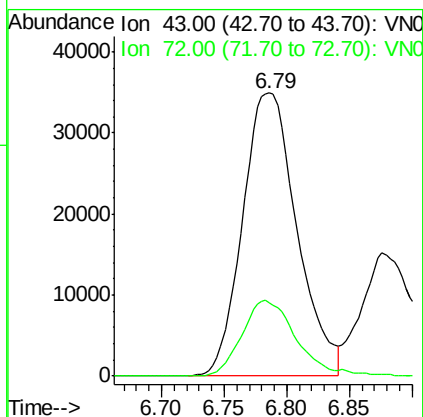
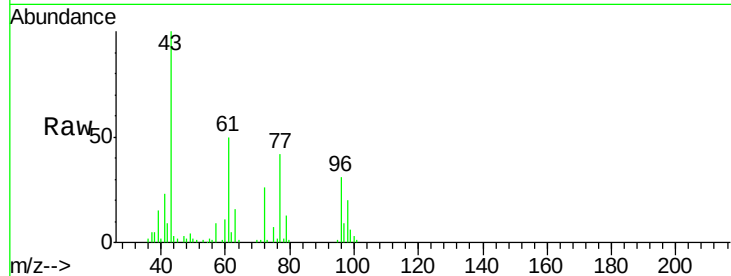
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 105461

Ion Ratio Lower Upper

43 100

72 26.1 19.0 28.6



#26

2,2-Dichloropropane

Concen: 19.050 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062647.D

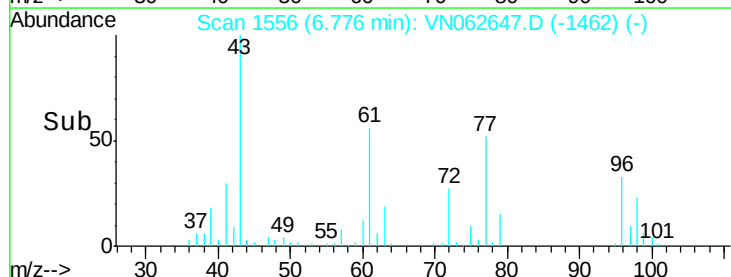
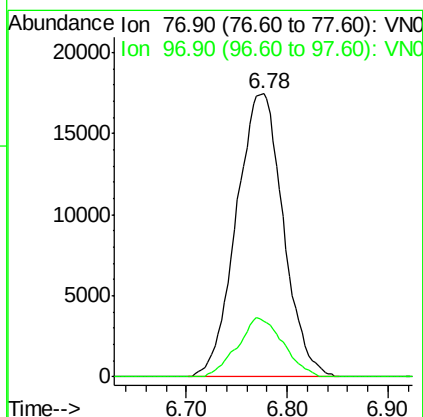
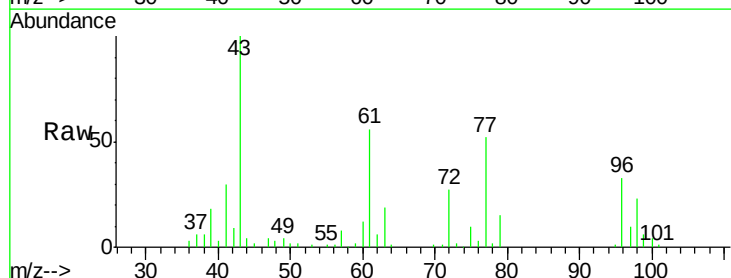
Acq: 29 Jul 2020 12:14

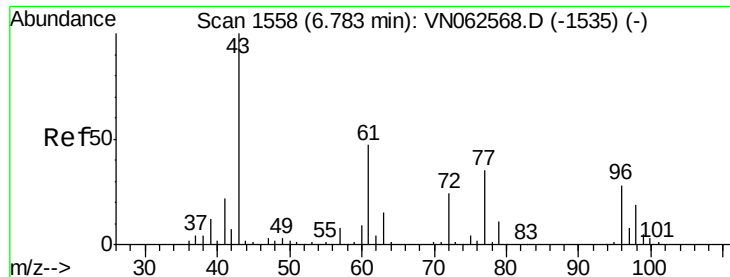
Tgt Ion: 77 Resp: 56435

Ion Ratio Lower Upper

77 100

97 20.4 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 16.728 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

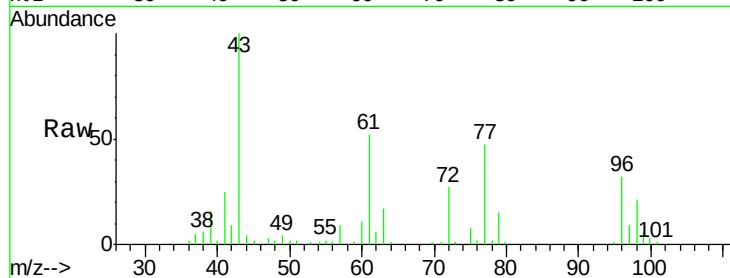
Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 33020

Ion	Ratio	Lower	Upper
96	100		
61	170.5	0.0	332.4
98	68.0	0.0	127.4

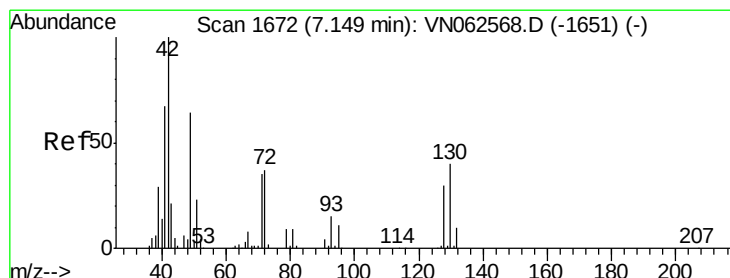
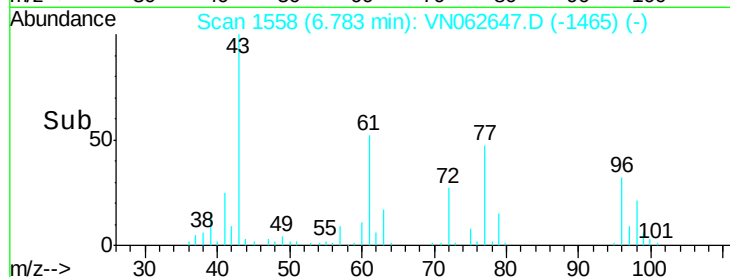
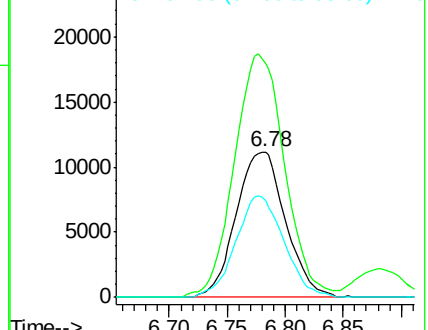


Abundance

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: 16.357 ug/l

RT: 7.15 min Scan# 1671

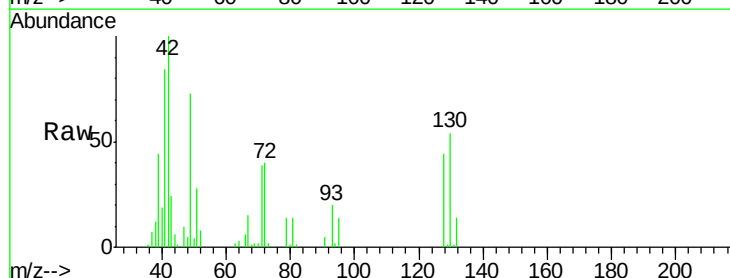
Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion: 49 Resp: 29051

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	70.9	49.8	74.8

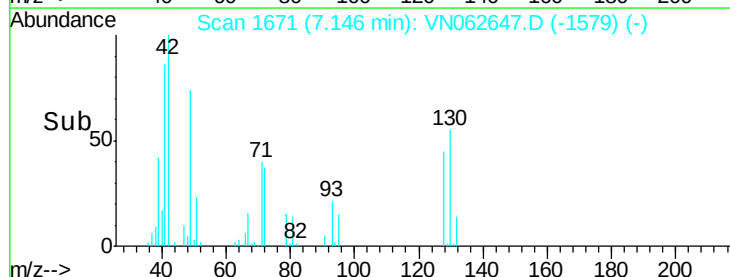
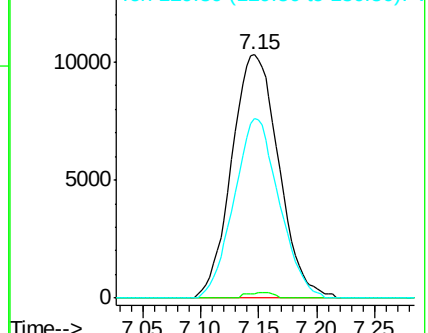


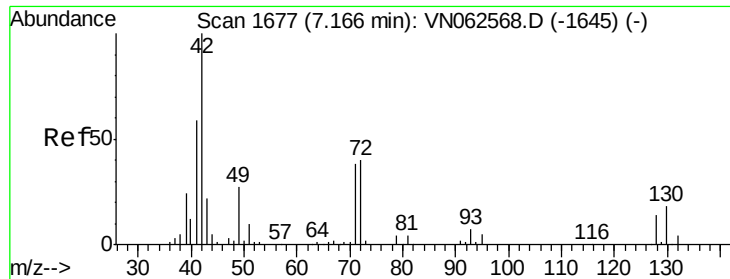
Abundance

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: 80.027 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

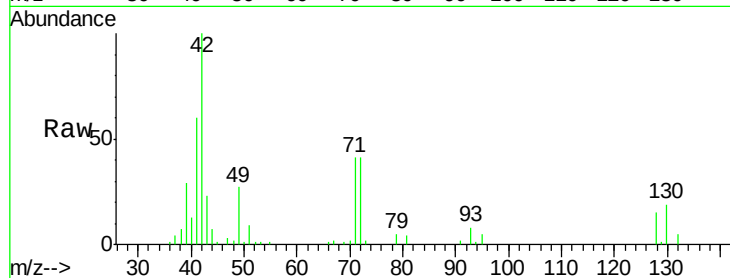
Tot Ion: 42 Resp: 70177

Ion Ratio Lower Upper

42 100

72 41.8 30.7 46.1

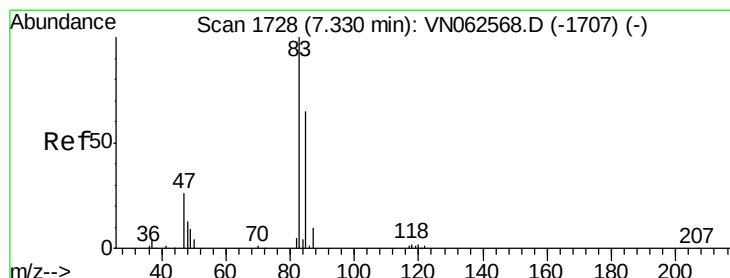
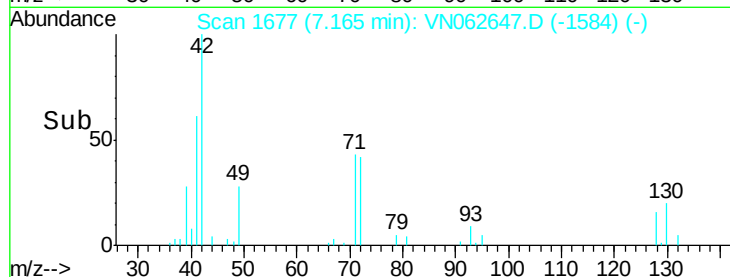
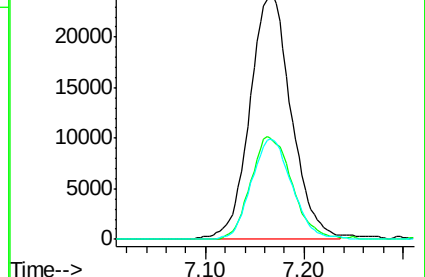
71 40.1 29.1 43.7



Abundance Ion 42.00 (41.70 to 42.70): VN062568.D (-1645) (-)

Ion 72.00 (71.70 to 72.70): VN062568.D (-1645) (-)

Ion 71.00 (70.70 to 71.70): VN062568.D (-1645) (-)



#30

Chloroform

Concen: 18.432 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062647.D

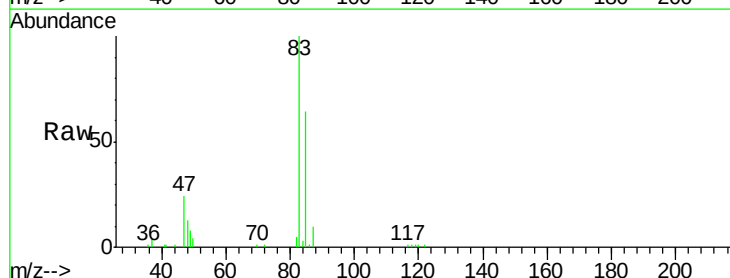
Acq: 29 Jul 2020 12:14

Tgt Ion: 83 Resp: 63244

Ion Ratio Lower Upper

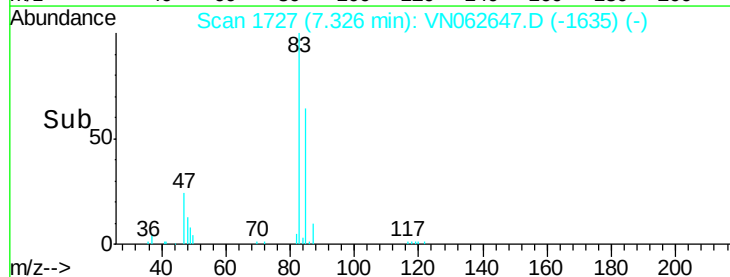
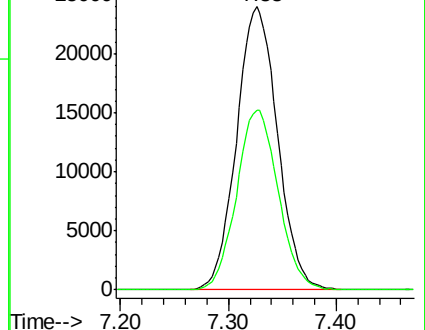
83 100

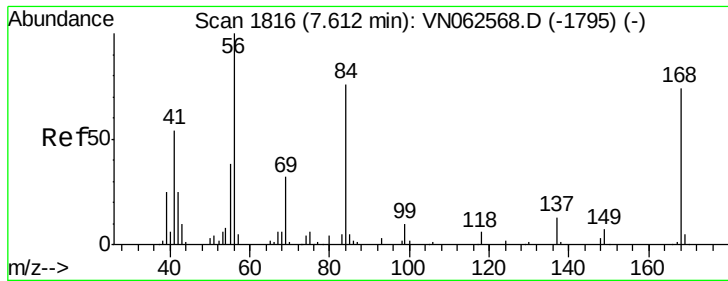
85 63.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-1707) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-1707) (-)

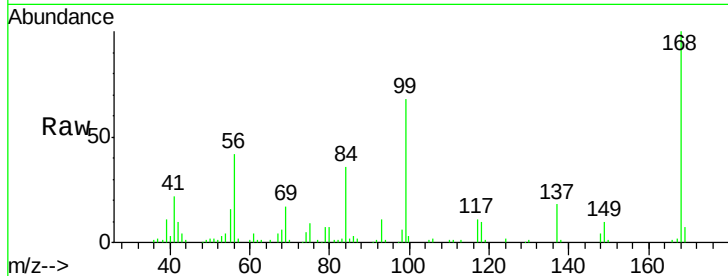




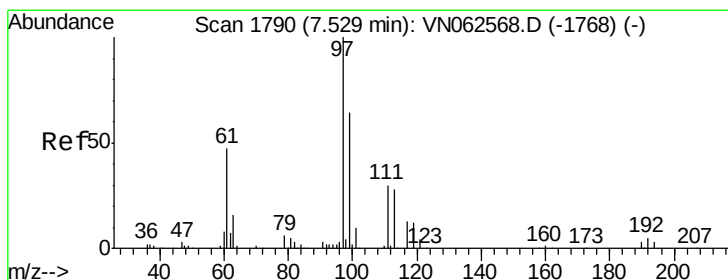
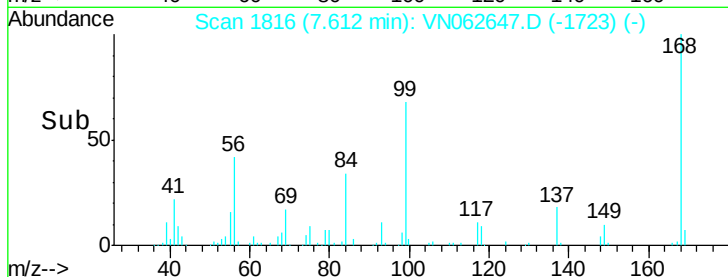
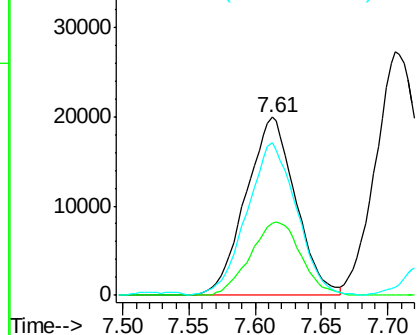
#31
Cyclohexane
Concen: 15.650 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 52147
Ion Ratio Lower Upper
56 100
69 40.3 25.3 37.9#
84 85.4 61.0 91.4

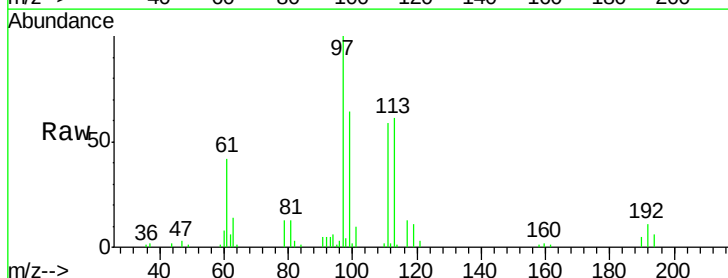


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

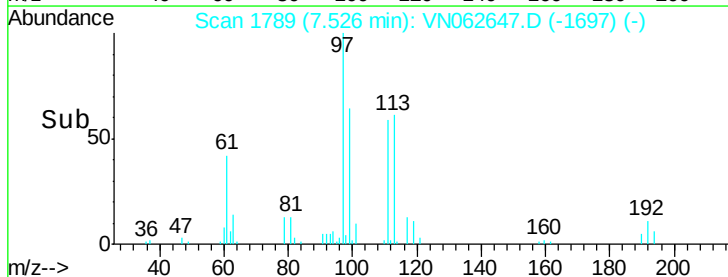
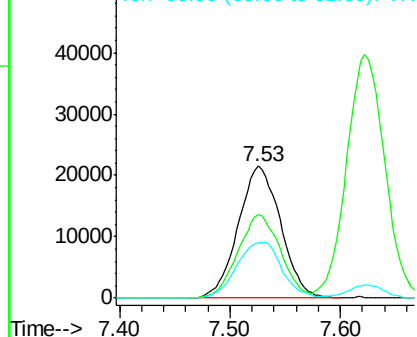


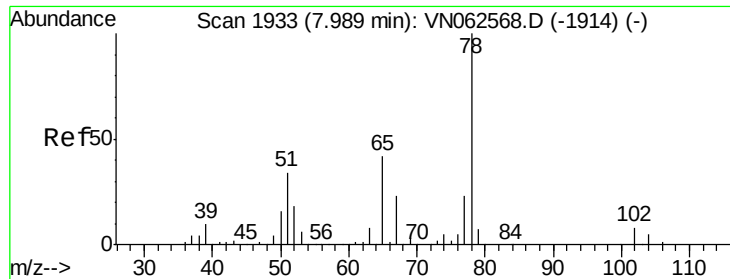
#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 97 Resp: 57280
Ion Ratio Lower Upper
97 100
99 63.4 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

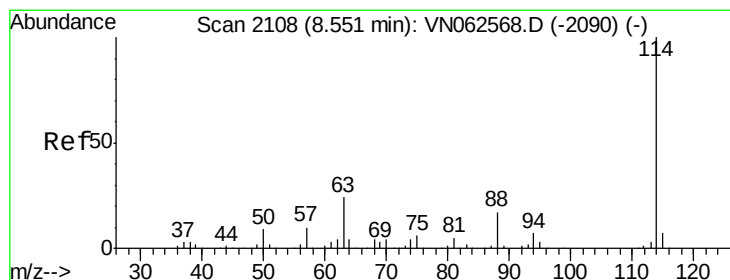
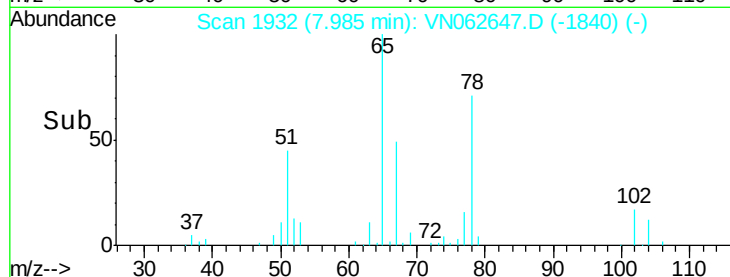
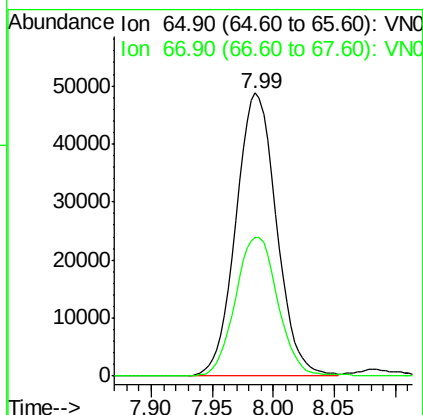
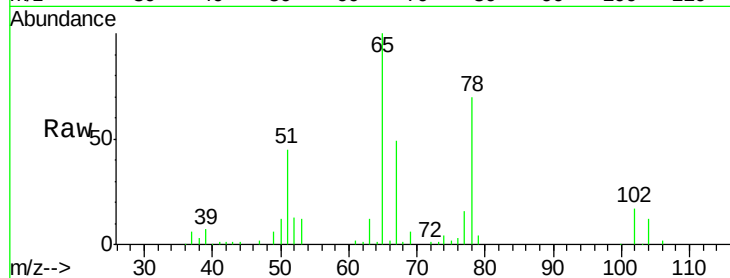




#33
 1,2-Dichloroethane-d4
 Concen: 49.627 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

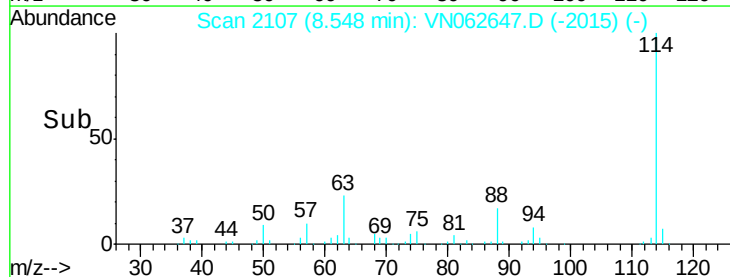
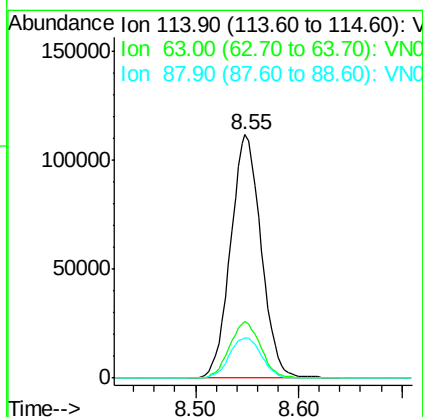
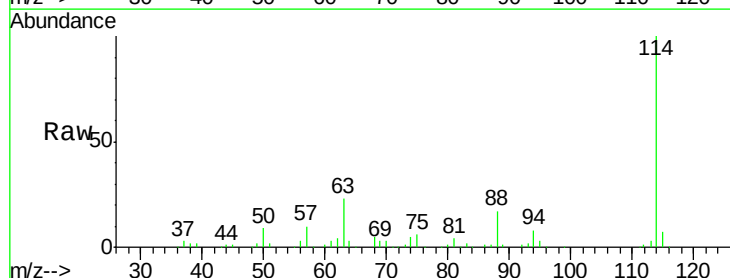
Instrument :
 MSVOA_N
 ClientSampleId :

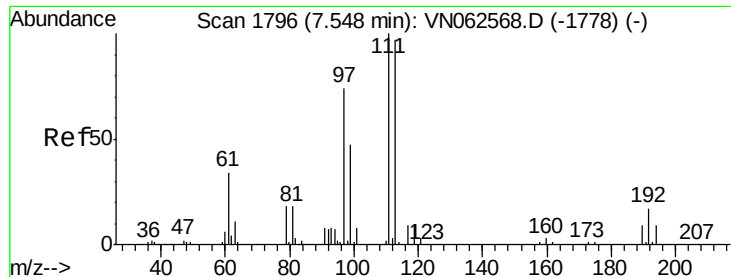
Tot Ion: 65 Resp: 112221
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 114 Resp: 230767
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 48.4
 88 16.5 0.0 33.8

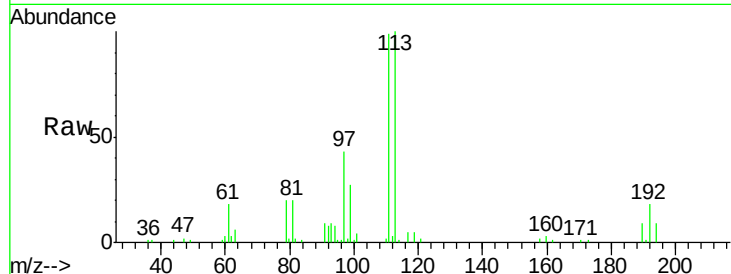




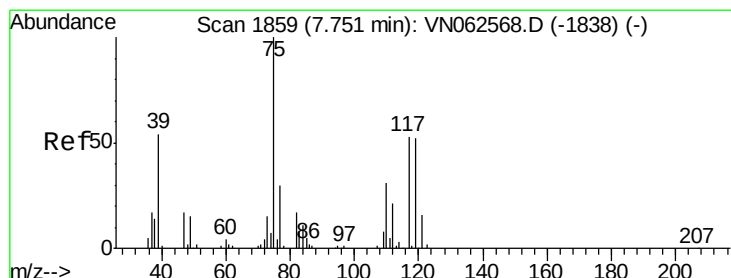
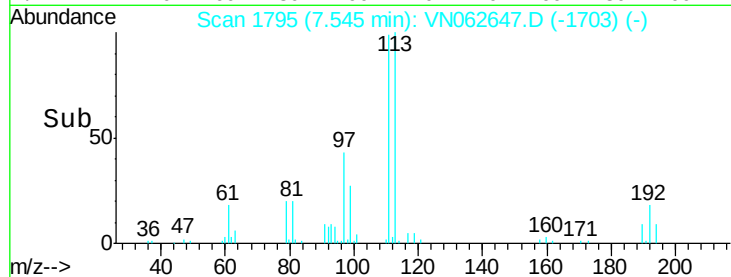
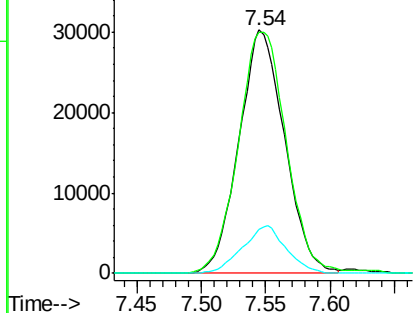
#35
 Dibromofluoromethane
 Concen: 49.218 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 74605
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.7 124.1
 192 18.7 14.8 22.2

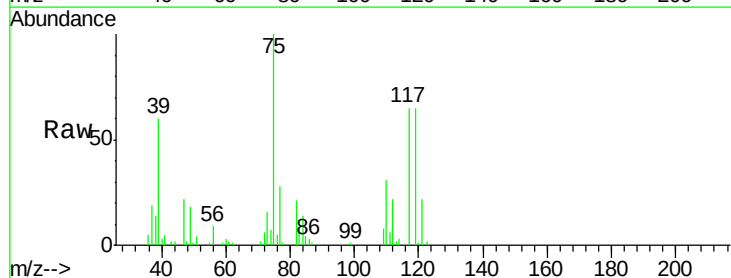


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

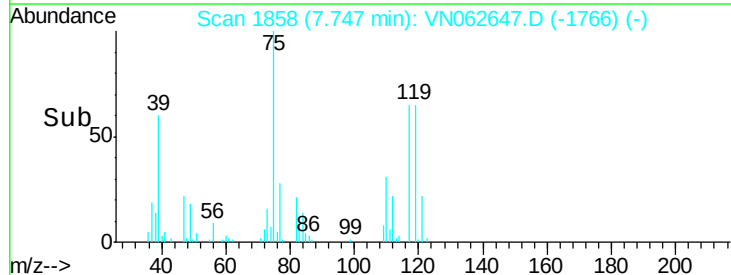
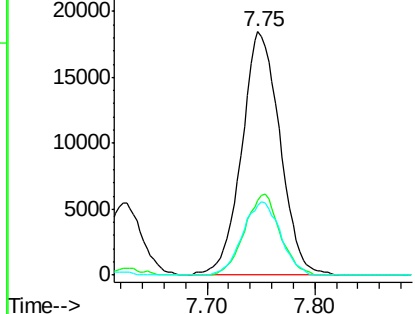


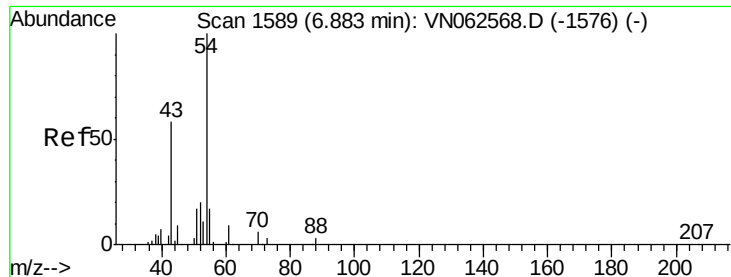
#36
 1,1-Dichloropropene
 Concen: 18.486 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 75 Resp: 45470
 Ion Ratio Lower Upper
 75 100
 110 30.7 16.0 48.0
 77 29.8 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

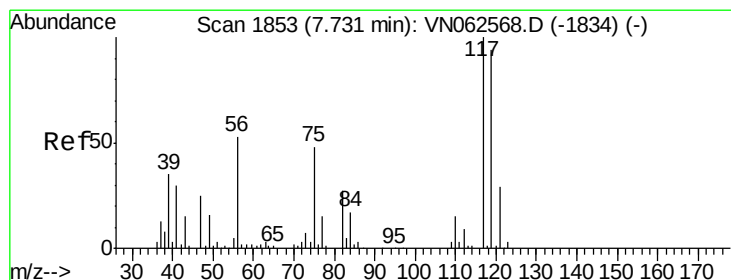
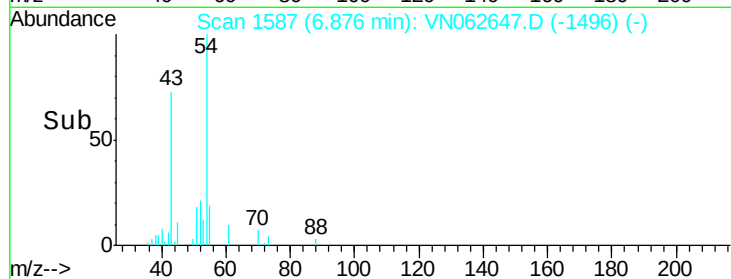
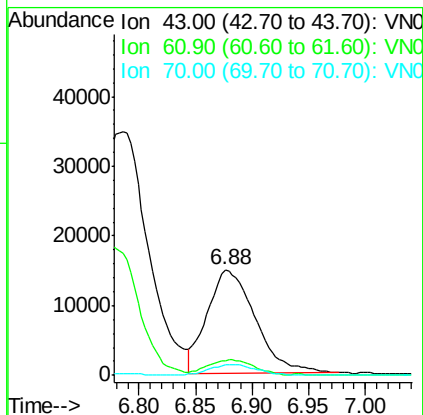
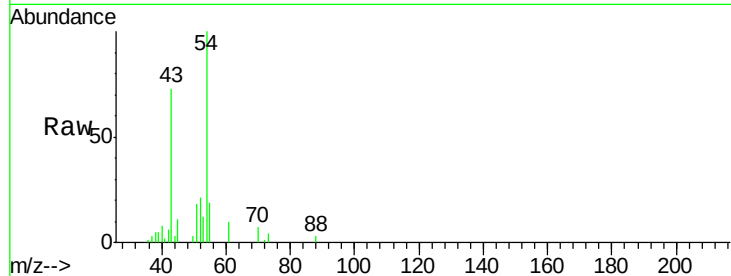




#37
Ethyl Acetate
Concen: 16.744 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

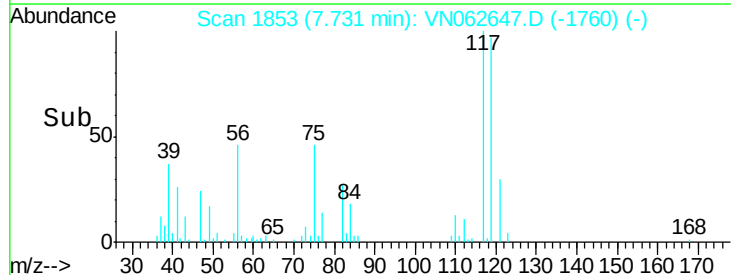
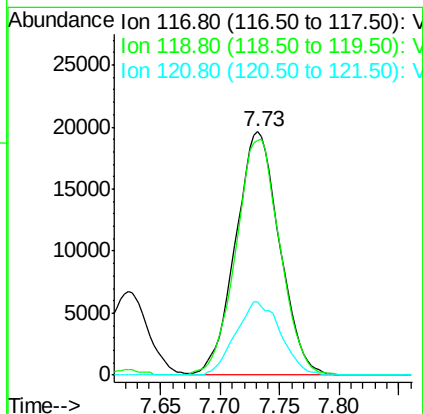
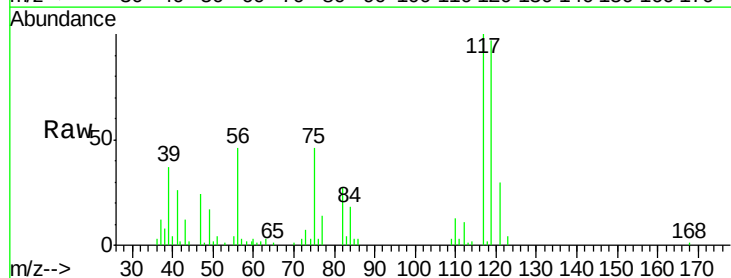
Instrument :
MSVOA_N
ClientSampled :

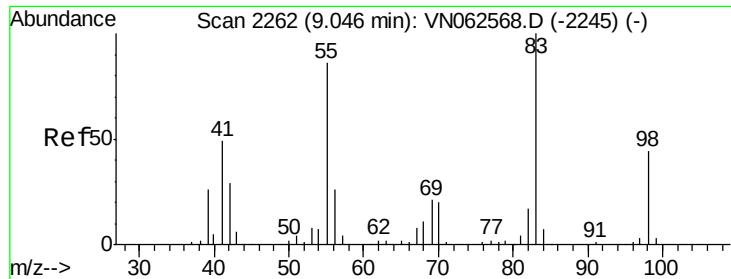
Tot Ion: 43 Resp: 44396
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.237 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 117 Resp: 50212
Ion Ratio Lower Upper
117 100
119 96.5 74.8 112.2
121 30.4 23.0 34.6

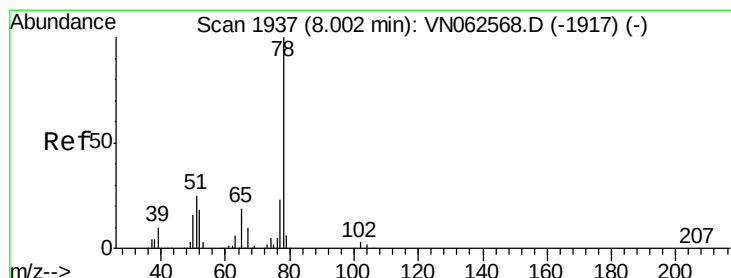
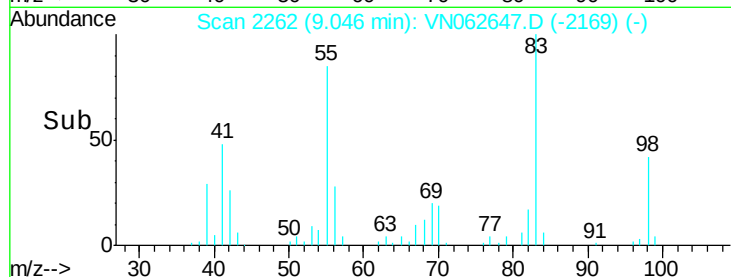
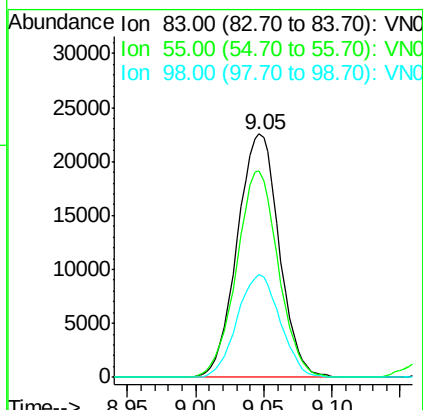
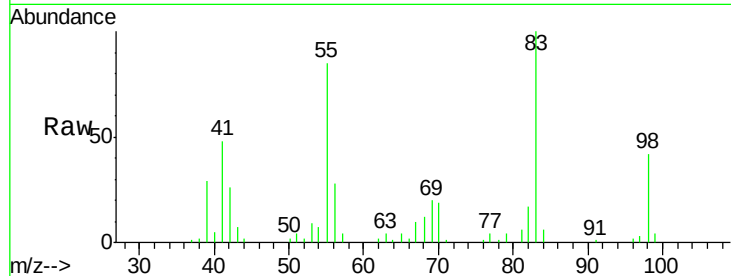




#39
Methylvlcyclohexane
Concen: 18.186 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

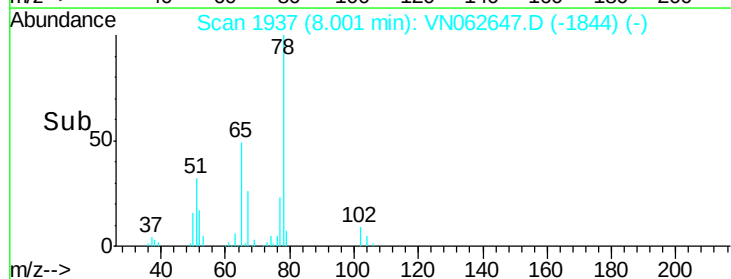
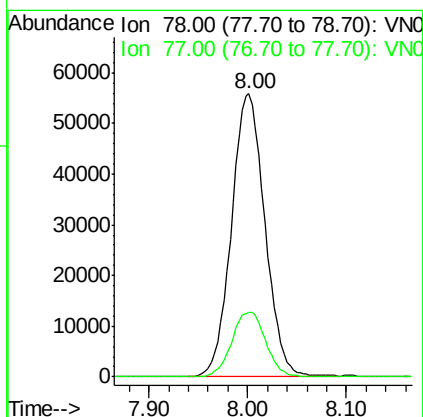
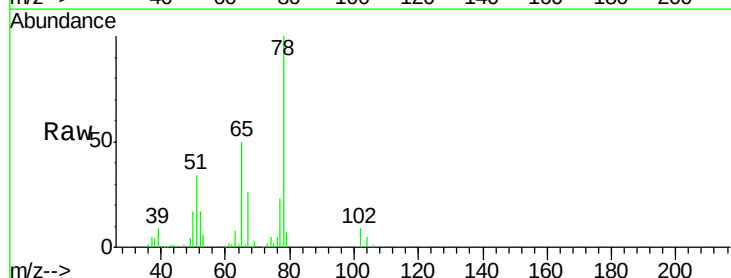
Instrument :
MSVOA_N
ClientSampled :

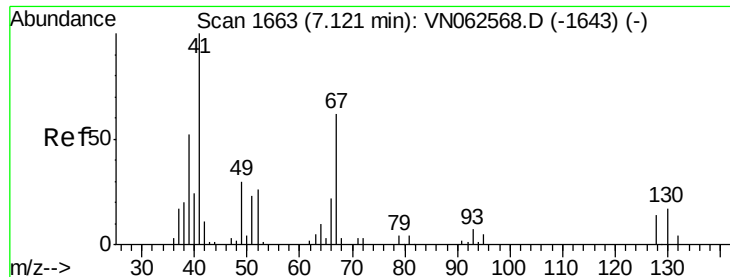
Tot Ion: 83 Resp: 48153
Ion Ratio Lower Upper
83 100
55 84.6 68.9 103.3
98 42.1 35.1 52.7



#40
Benzene
Concen: 17.714 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 78 Resp: 131913
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1

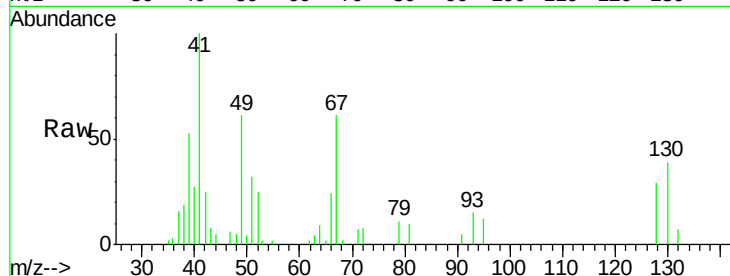




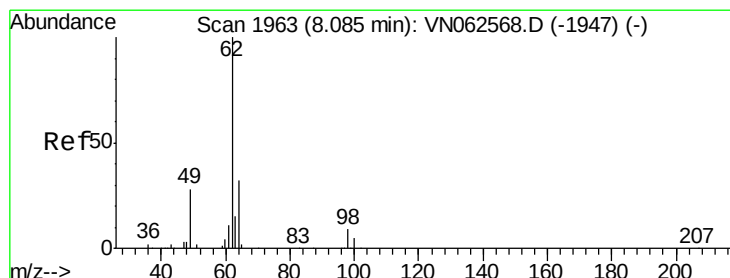
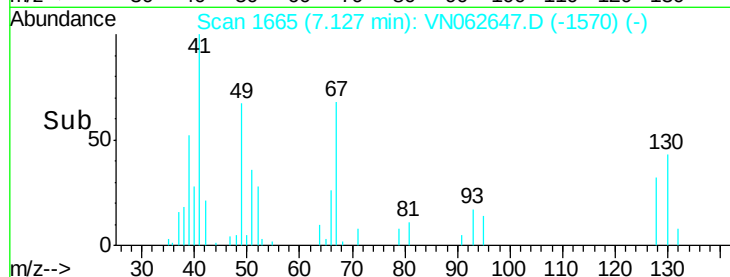
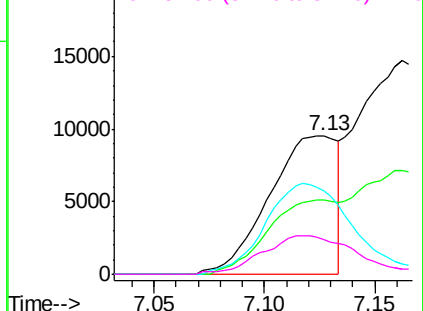
#41
Methacrylonitrile
Concen: 17.875 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 20312
Ion Ratio Lower Upper
41 100
39 54.5 55.8 83.6#
67 84.2 72.5 108.7
52 38.7 31.8 47.8

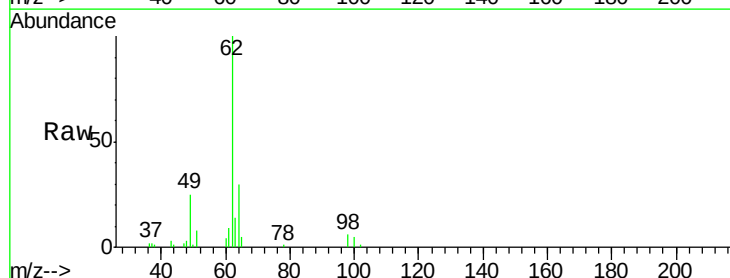


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

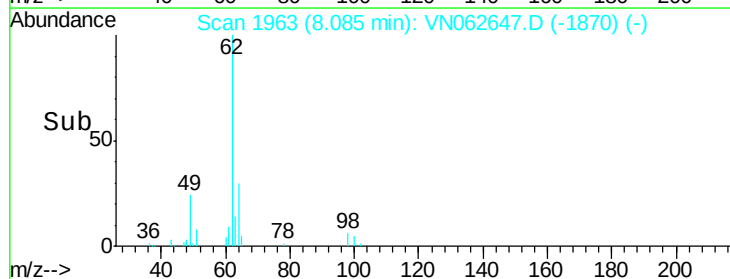
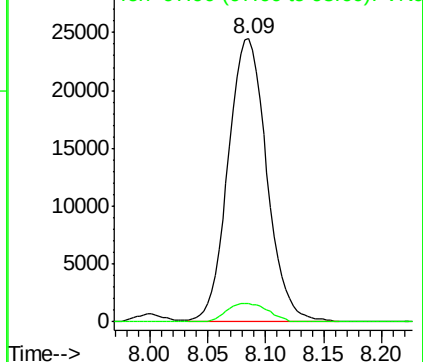


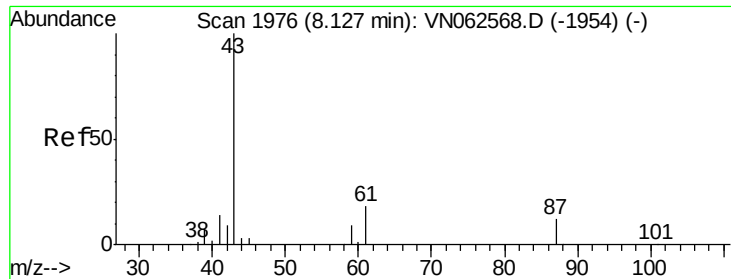
#42
1,2-Dichloroethane
Concen: 20.873 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 62 Resp: 56827
Ion Ratio Lower Upper
62 100
98 7.0 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.274 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

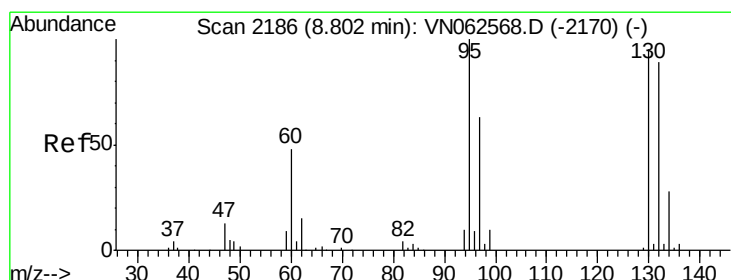
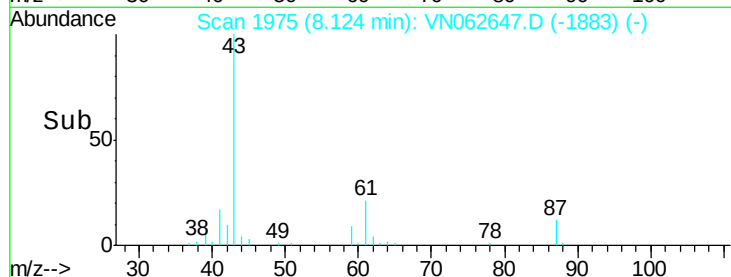
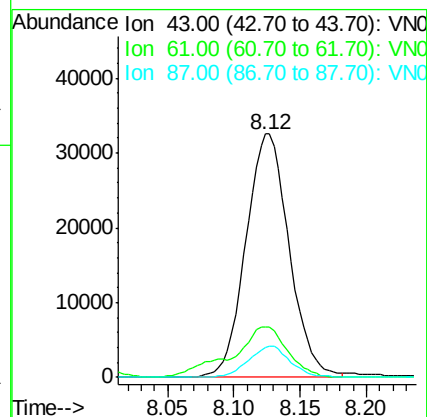
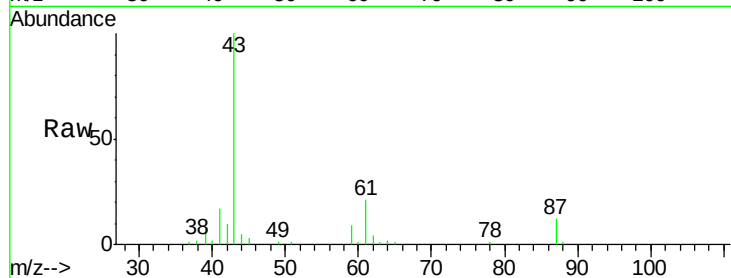
Tot Ion: 43 Resp: 73837

Ion Ratio Lower Upper

43 100

61 26.6 20.8 31.2

87 12.2 9.2 13.8



#44

Trichloroethene

Concen: 18.484 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062647.D

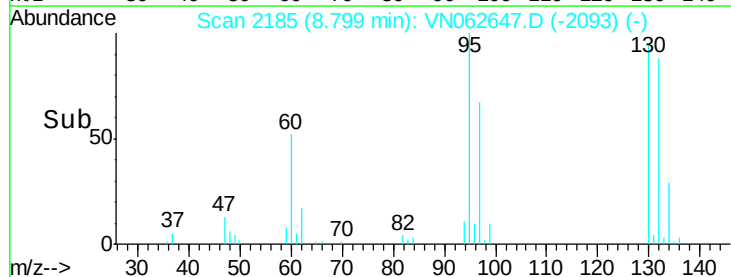
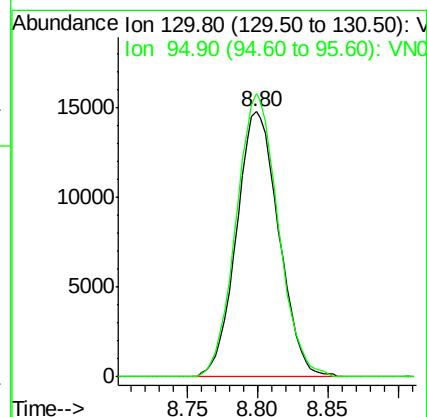
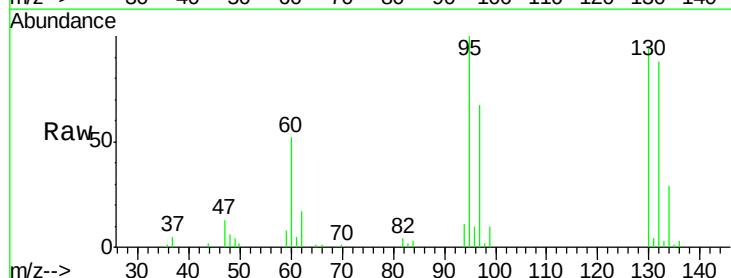
Acq: 29 Jul 2020 12:14

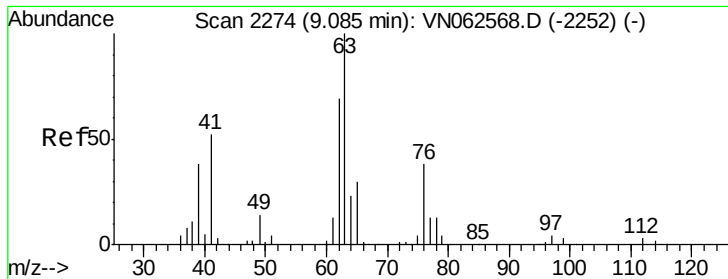
Tgt Ion:130 Resp: 31041

Ion Ratio Lower Upper

130 100

95 106.7 0.0 210.4

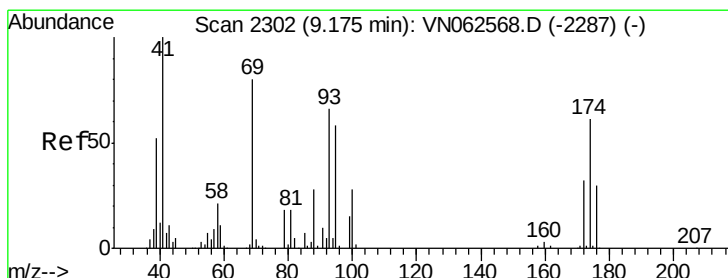
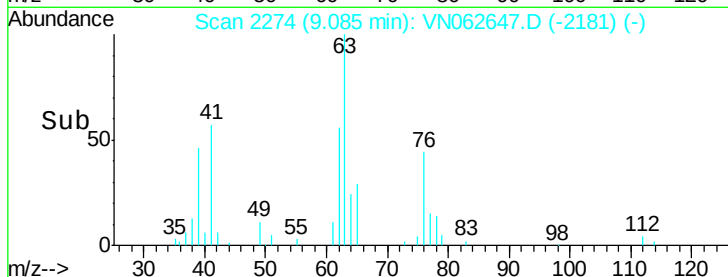
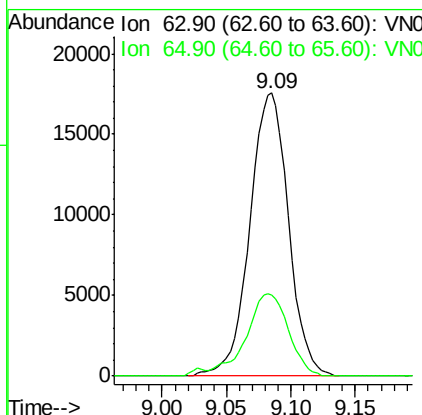
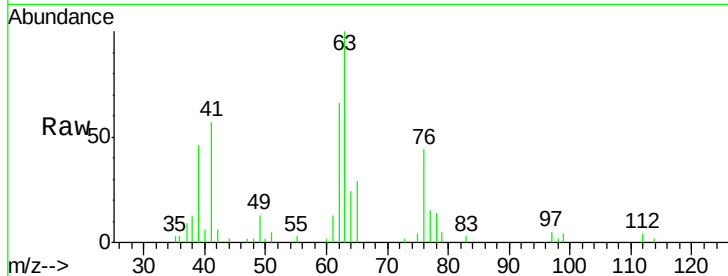




#45
 1,2-Dichloropropane
 Concen: 17.557 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

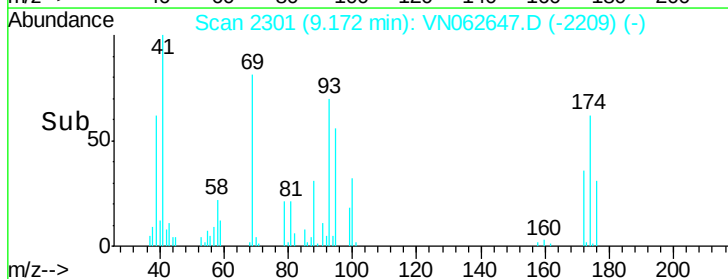
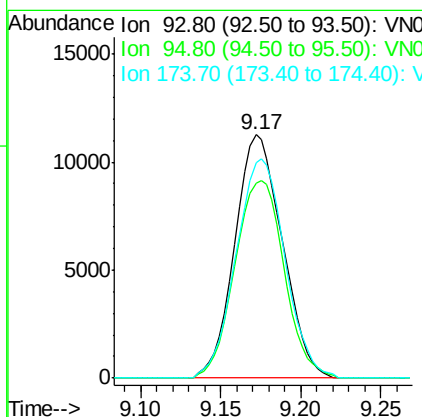
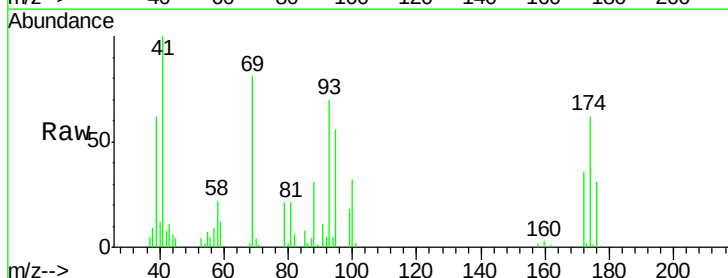
Instrument :
 MSVOA_N
 ClientSampled :

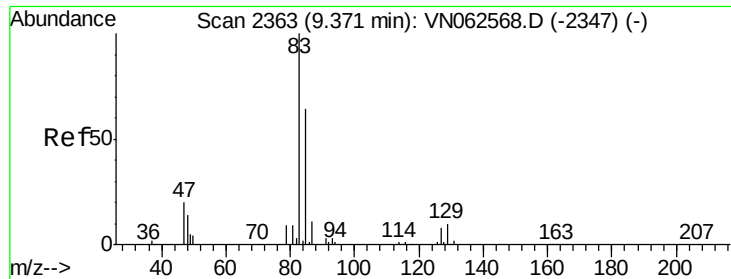
Tot Ion: 63 Resp: 36708
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.4 36.6



#46
 Dibromomethane
 Concen: 18.901 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 93 Resp: 22841
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.6 101.4
 174 93.0 72.5 108.7





#47

Bromodichloromethane

Concen: 19.379 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

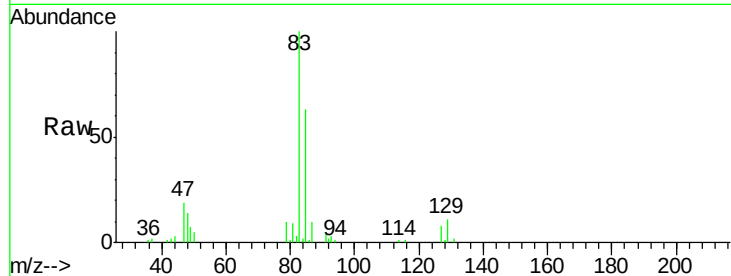
Tot Ion: 83 Resp: 50734

Ion Ratio Lower Upper

83 100

85 63.1 51.6 77.4

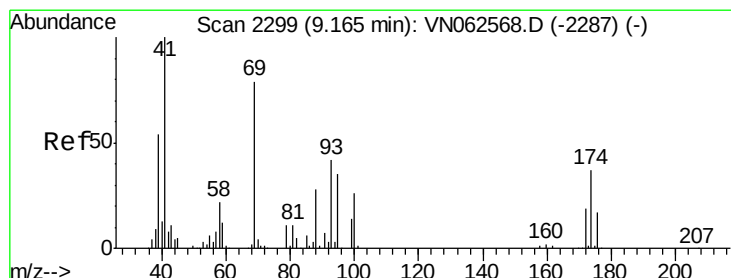
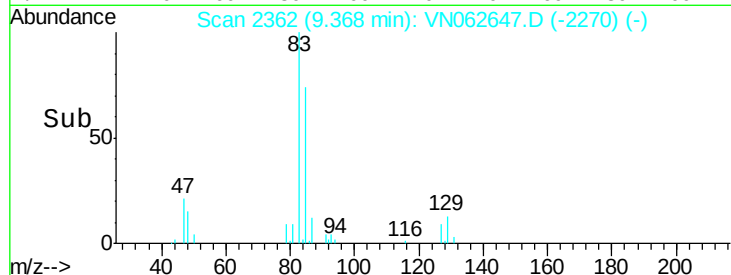
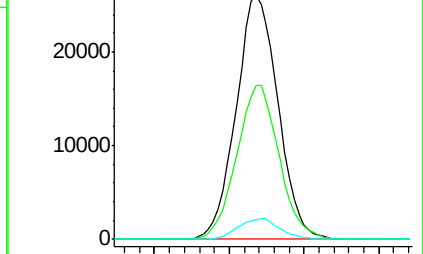
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062568.D (-2347) (-)



#48

Methyl methacrylate

Concen: 17.667 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

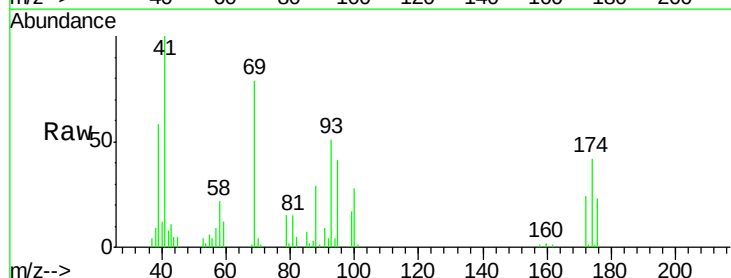
Tgt Ion: 41 Resp: 35897

Ion Ratio Lower Upper

41 100

69 80.0 64.4 96.6

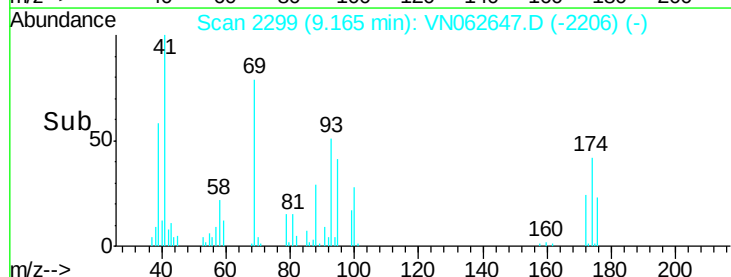
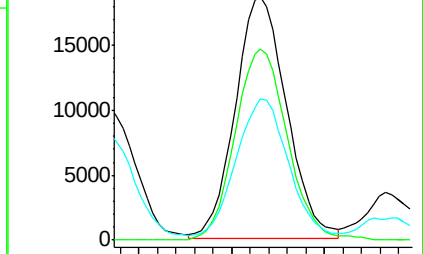
39 59.3 43.5 65.3

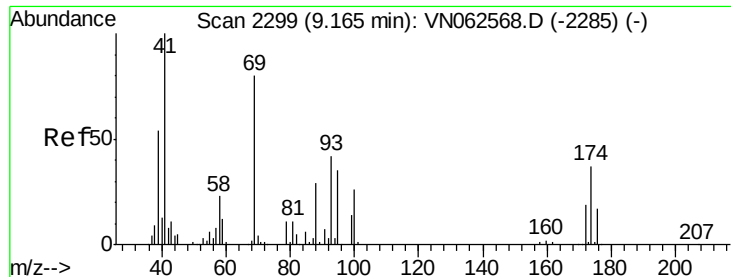


Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062568.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-2287) (-)

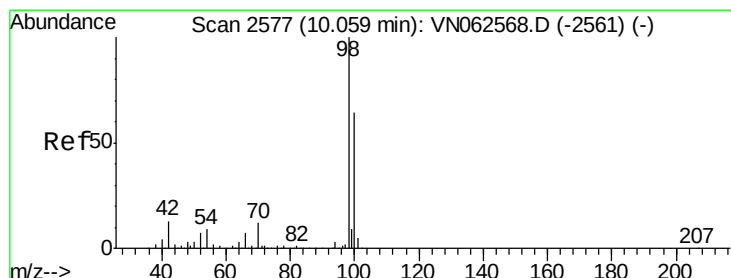
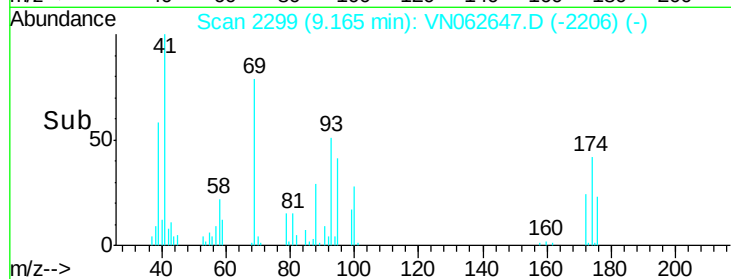
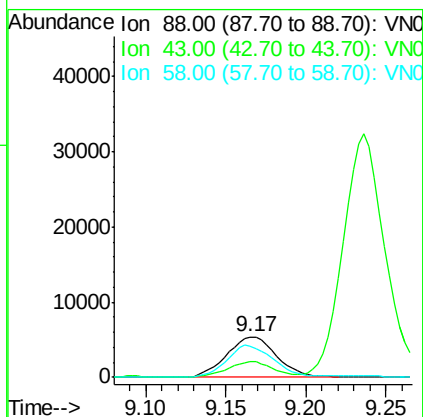
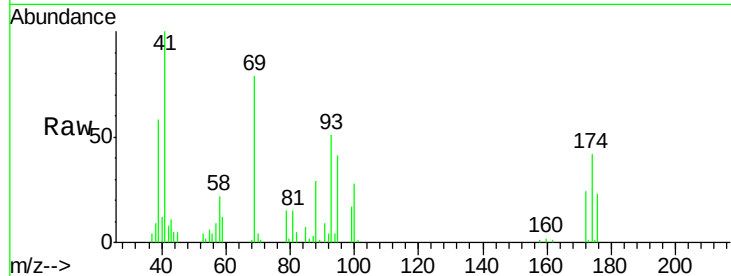




#49
1,4-Dioxane
Concen: 367.414 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

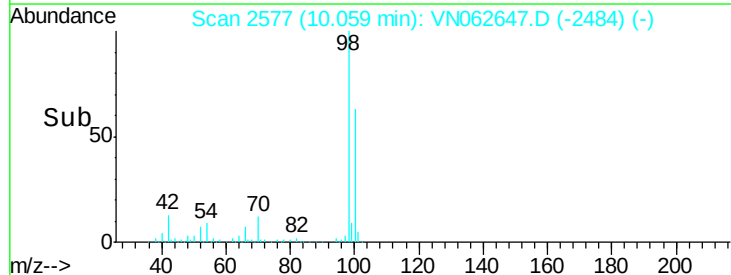
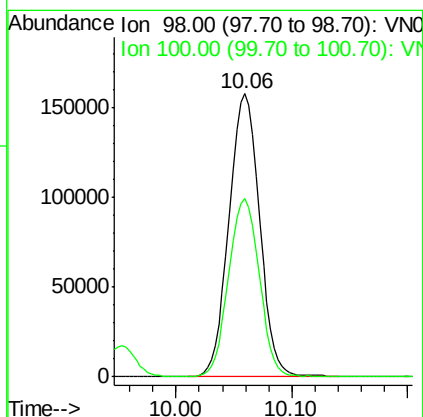
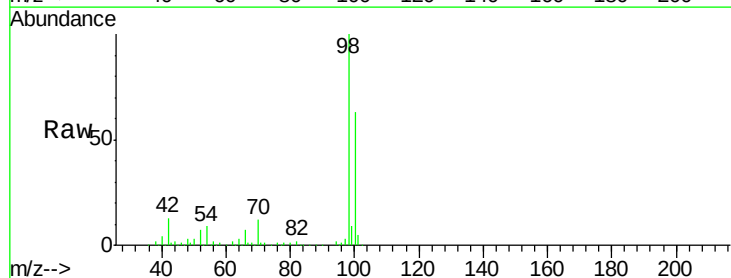
Instrument :
MSVOA_N
ClientSampleId :

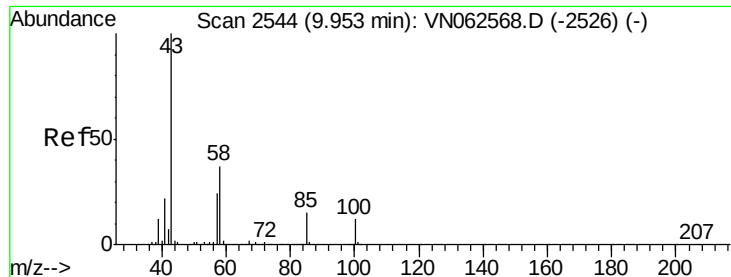
Tot Ion: 88 Resp: 11466
Ion Ratio Lower Upper
88 100
43 36.7 32.0 48.0
58 74.4 62.8 94.2



#50
Toluene-d8
Concen: 47.613 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 98 Resp: 287963
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 87.177 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

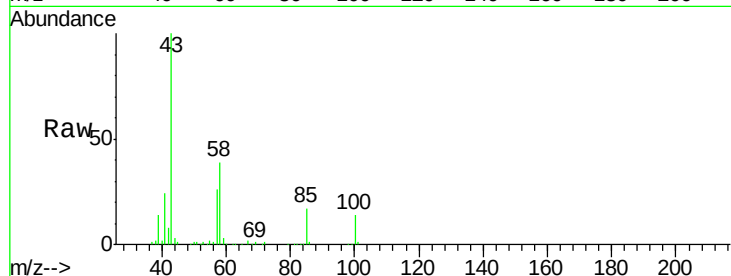
ClientSampled :

Tot Ion: 43 Resp: 222956

Ion Ratio Lower Upper

43 100

58 38.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

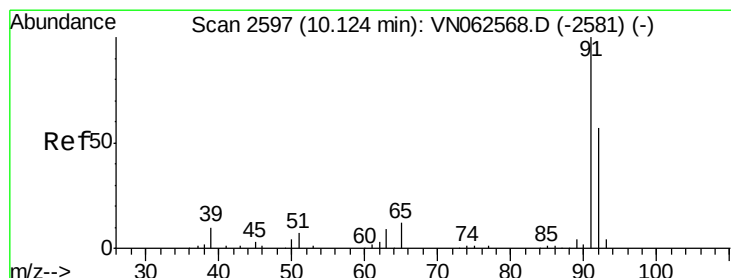
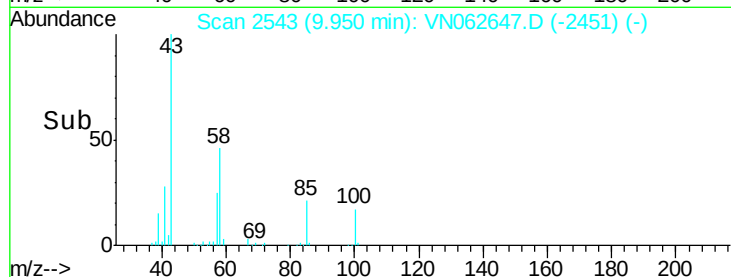
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 18.217 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062647.D

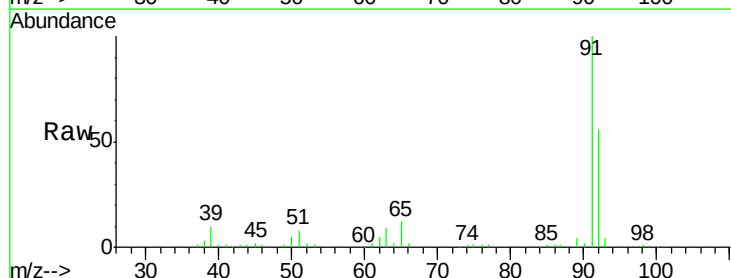
Acq: 29 Jul 2020 12:14

Tgt Ion: 92 Resp: 78774

Ion Ratio Lower Upper

92 100

91 178.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

80000

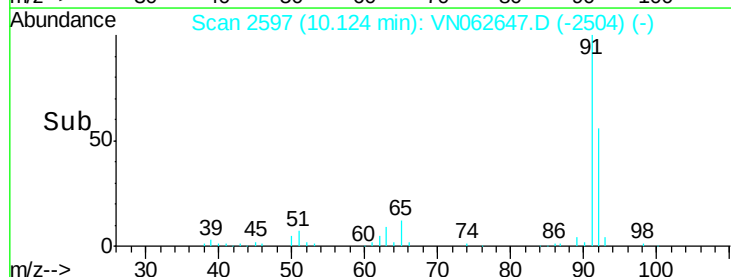
60000

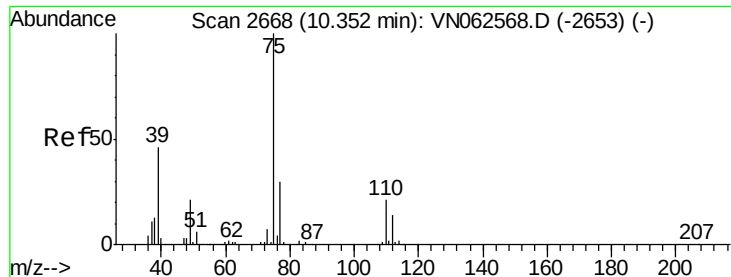
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.240 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

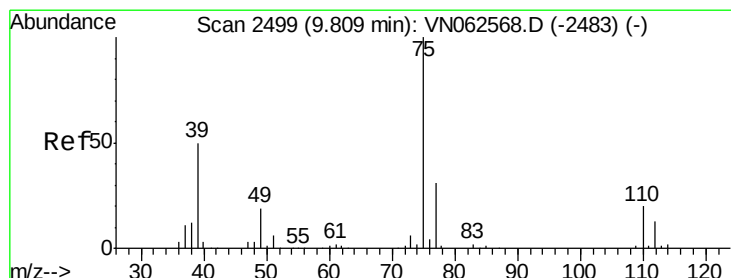
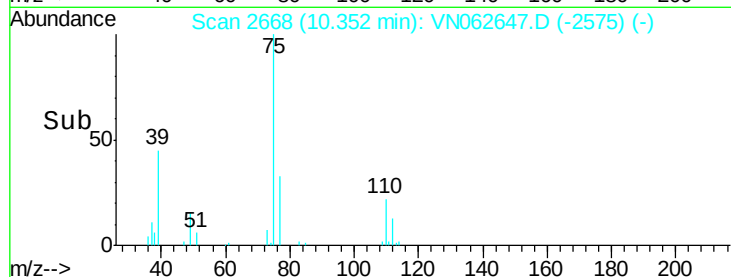
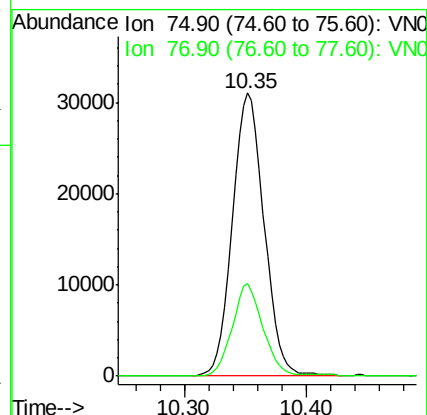
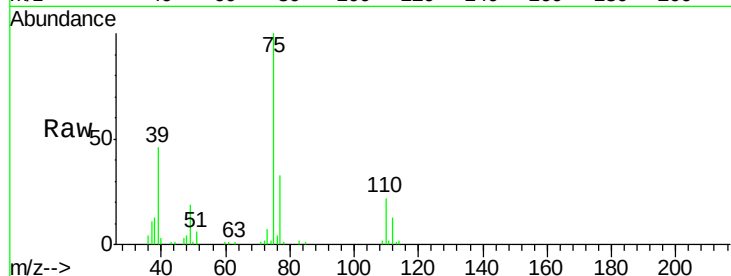
ClientSampleId :

Tot Ion: 75 Resp: 56074

Ion Ratio Lower Upper

75 100

77 32.7 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 18.724 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

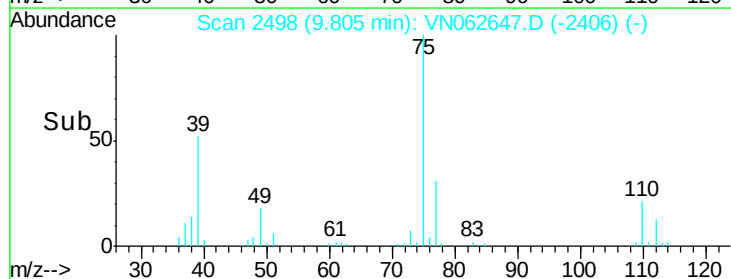
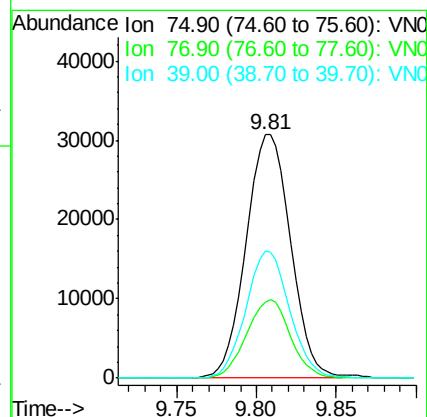
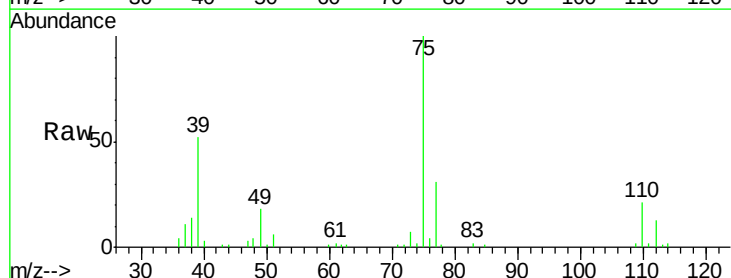
Tgt Ion: 75 Resp: 58557

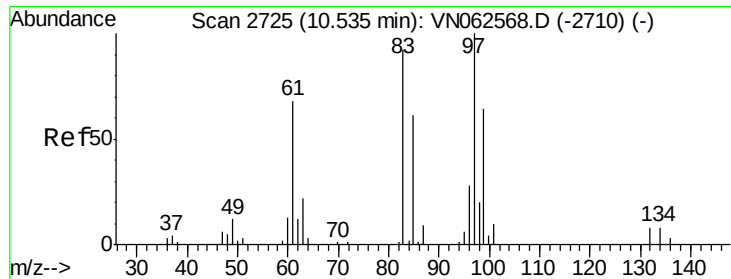
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 52.1 39.8 59.8

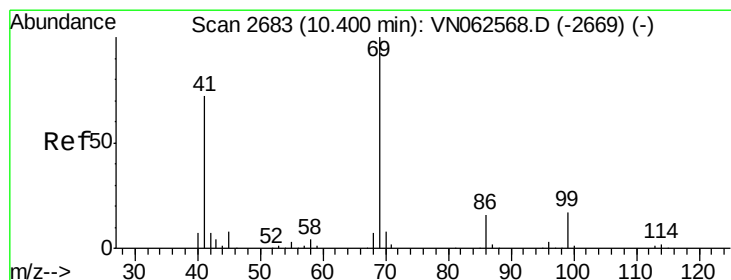
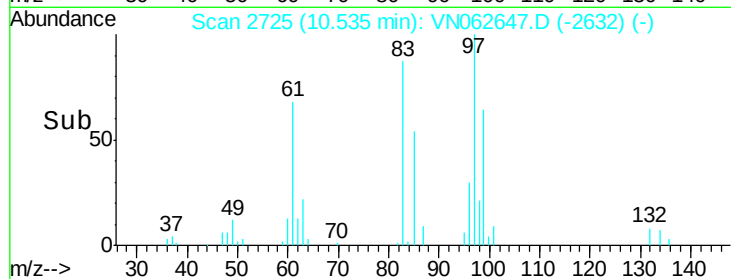
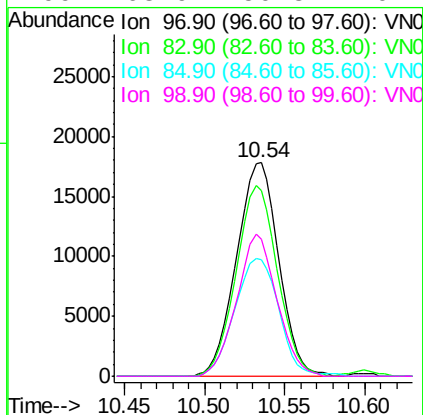
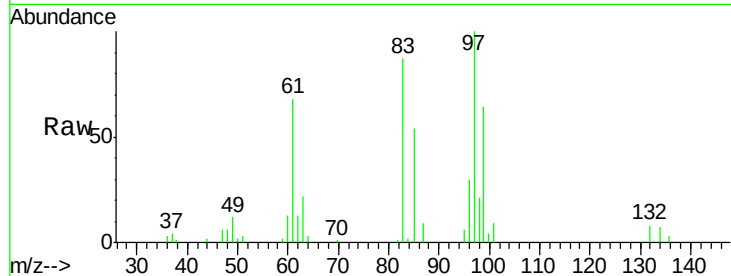




#55
 1,1,2-Trichloroethane
 Concen: 19.145 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

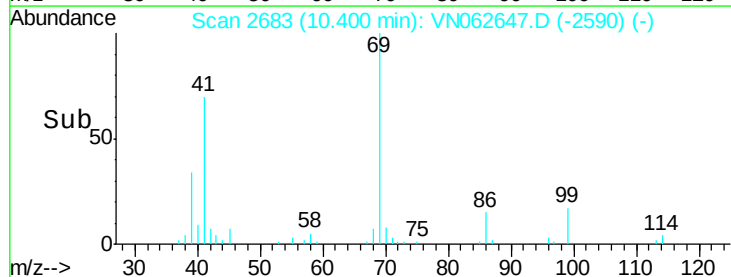
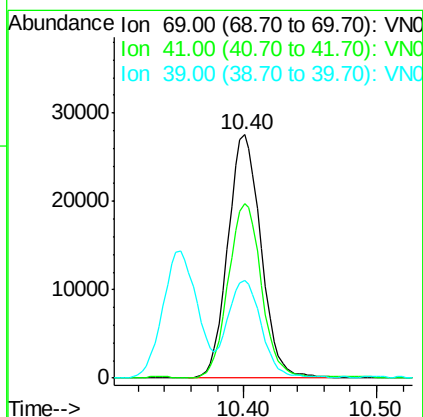
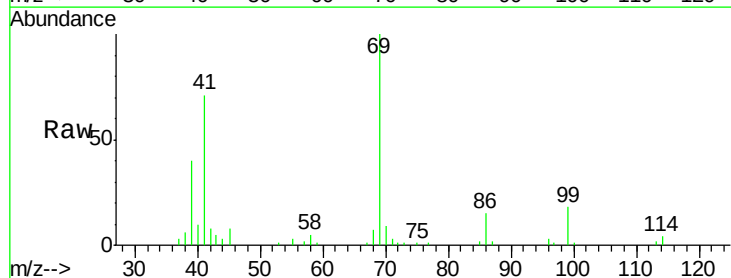
Instrument :
 MSVOA_N
 ClientSampled :

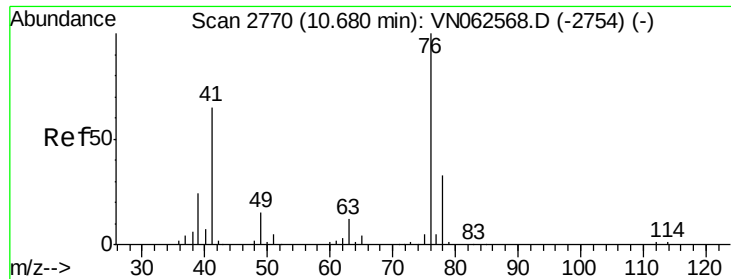
Tot Ion:	97	Resp:	32112
Ion	Ratio	Lower	Upper
97	100		
83	86.8	73.7	110.5
85	54.3	48.5	72.7
99	63.9	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 17.097 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion:	69	Resp:	47858
Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.2	85.8
39	41.2	28.6	43.0

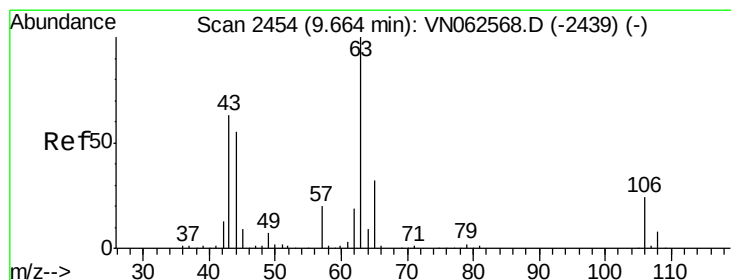
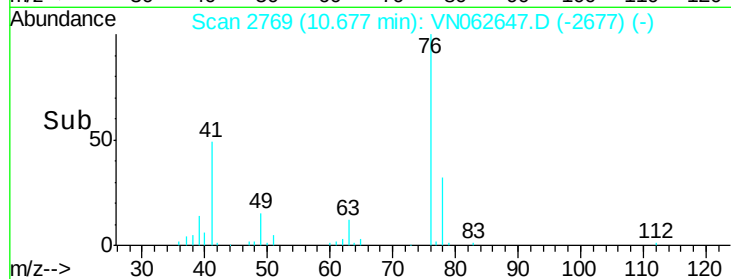
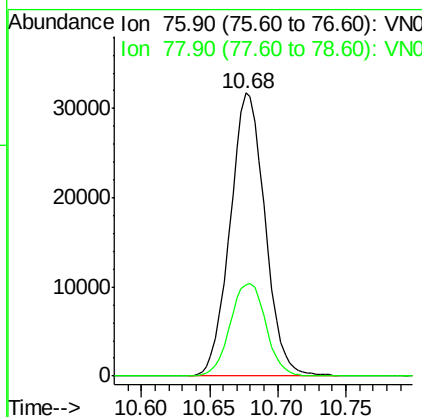
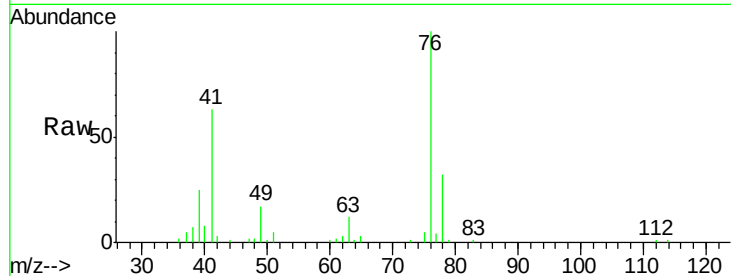




#57
 1,3-Dichloropropane
 Concen: 18.398 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

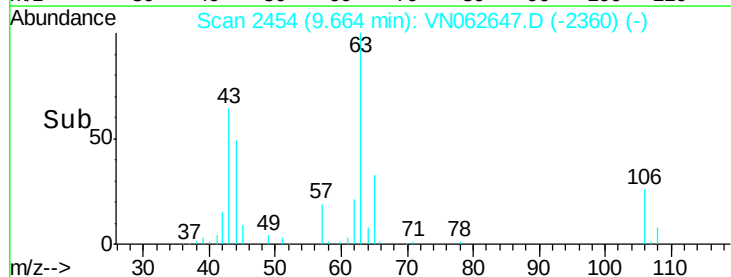
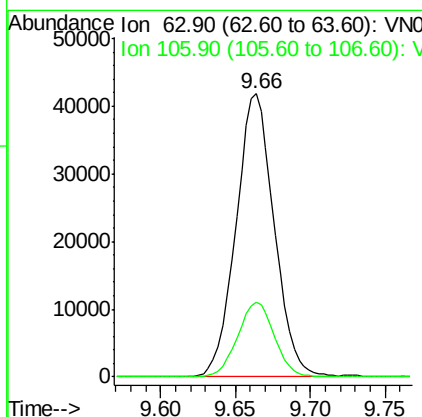
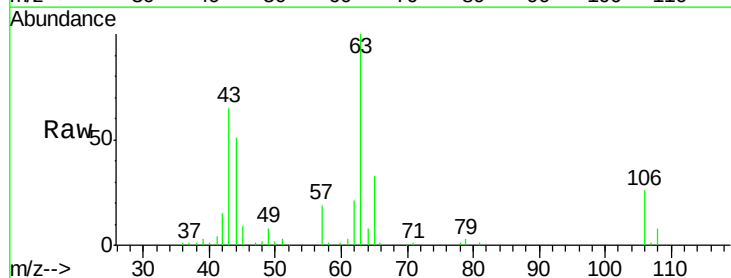
Instrument :
 MSVOA_N
 ClientSampled :

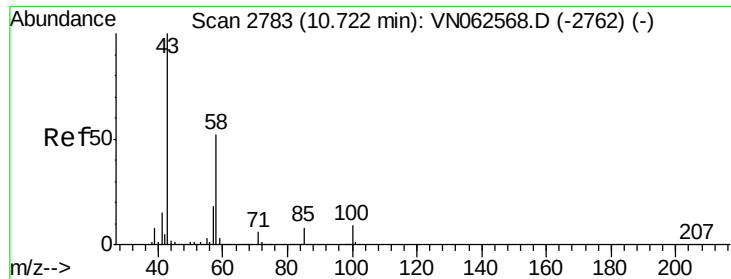
Tot Ion: 76 Resp: 56532
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.003 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 63 Resp: 74222
 Ion Ratio Lower Upper
 63 100
 106 25.2 18.9 28.3

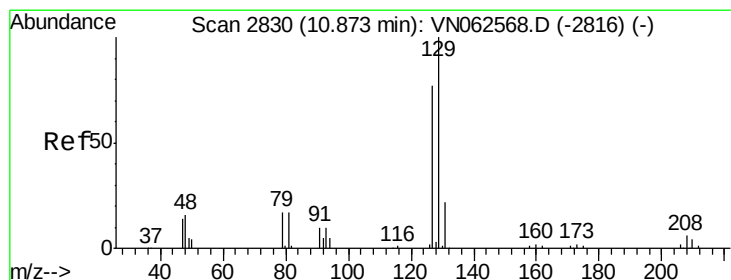
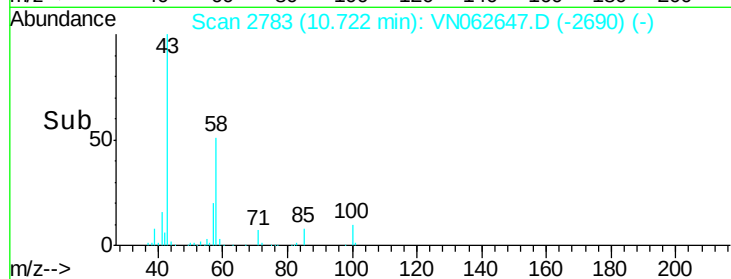
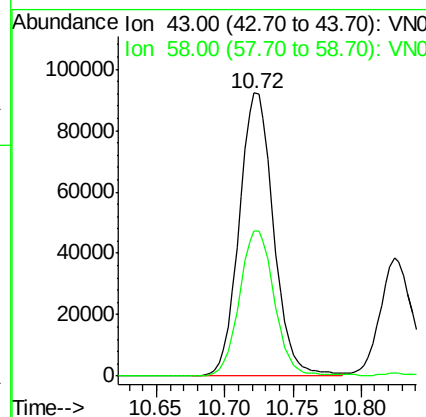
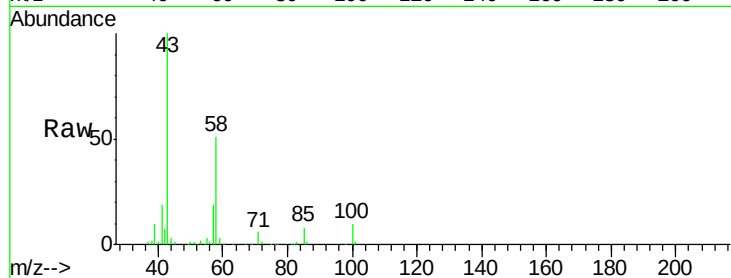




#59
2-Hexanone
Concen: 83.739 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

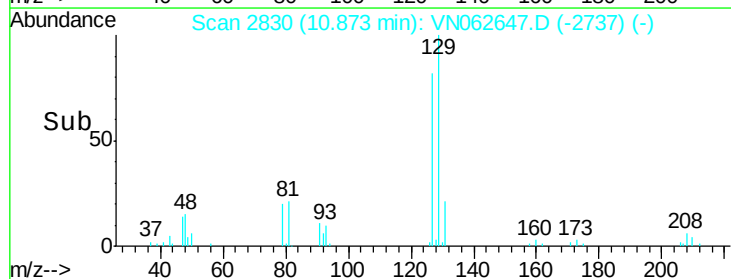
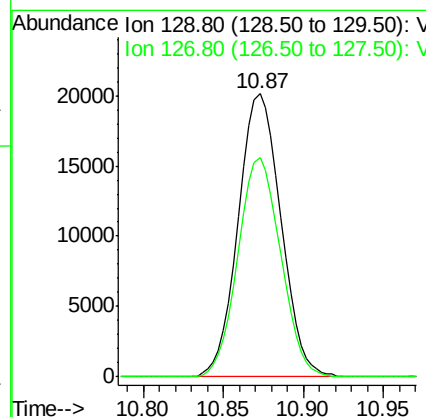
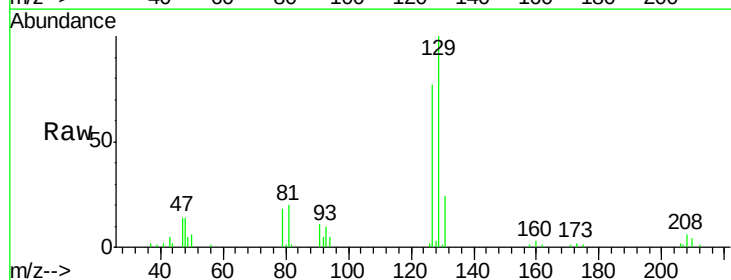
Instrument :
MSVOA_N
ClientSampled :

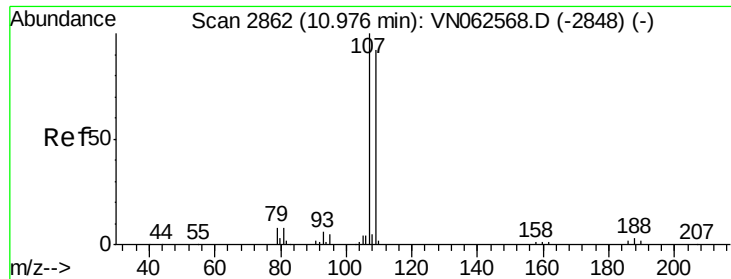
Tot Ion: 43 Resp: 161689
Ion Ratio Lower Upper
43 100
58 52.2 26.0 78.0



#60
Dibromochloromethane
Concen: 19.628 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion:129 Resp: 36727
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9

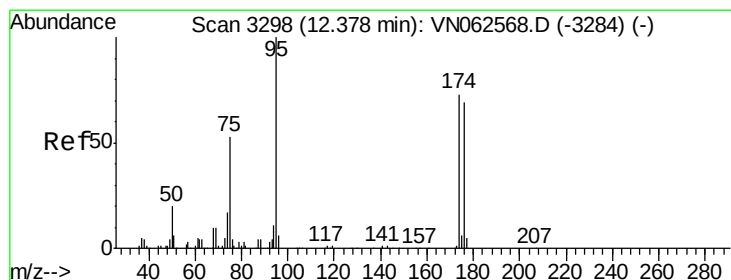
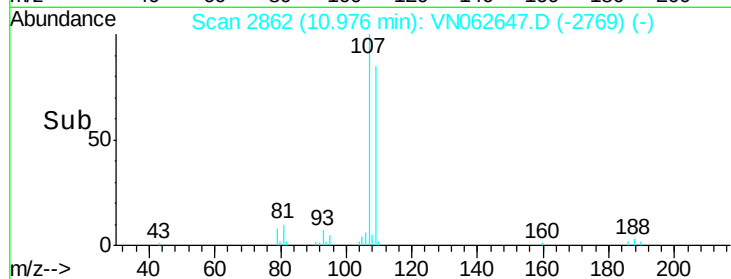
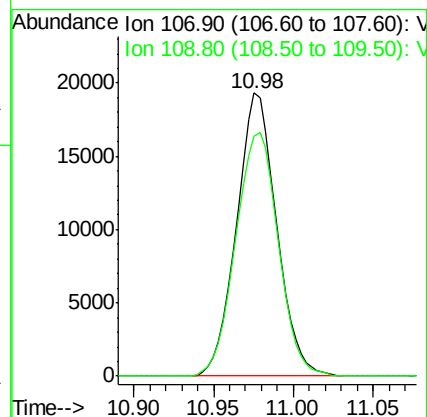
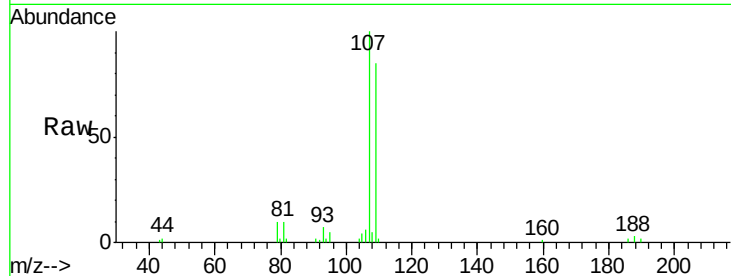




#61
 1,2-Dibromoethane
 Concen: 18.831 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

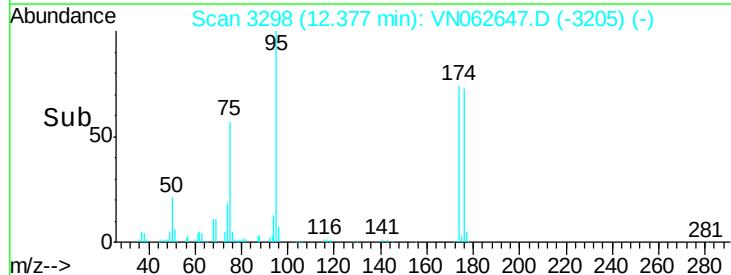
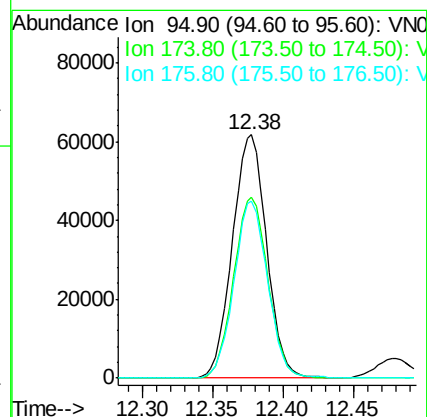
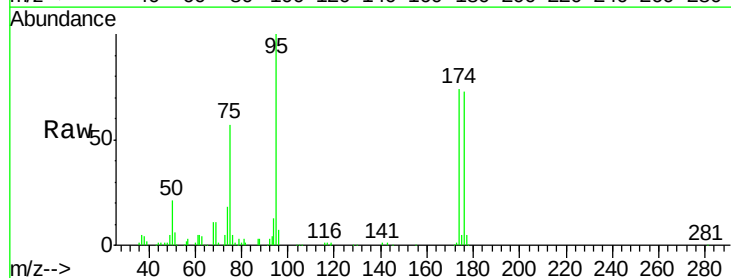
Instrument :
 MSVOA_N
 ClientSampled :

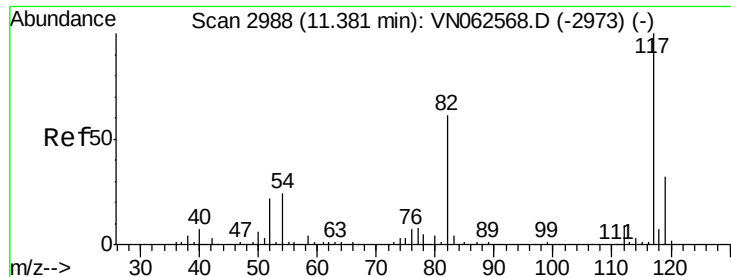
Tot Ion:107 Resp: 32889
 Ion Ratio Lower Upper
 107 100
 109 91.9 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 47.384 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 95 Resp: 104785
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 144.6
 176 71.7 0.0 139.4

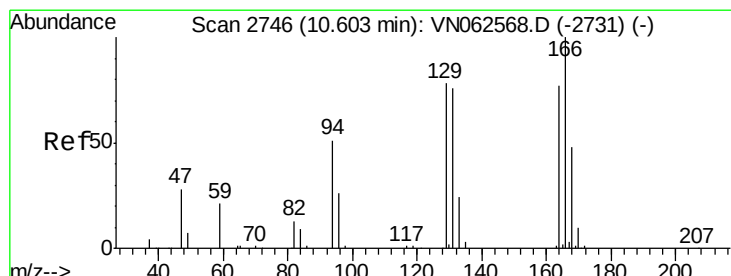
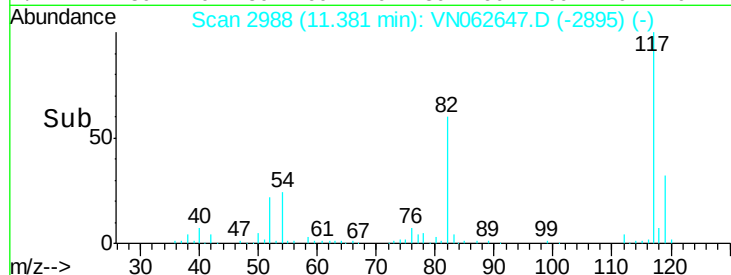
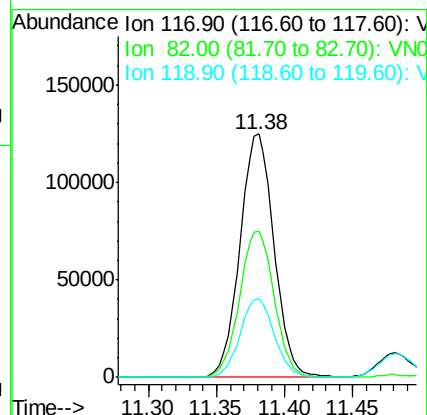
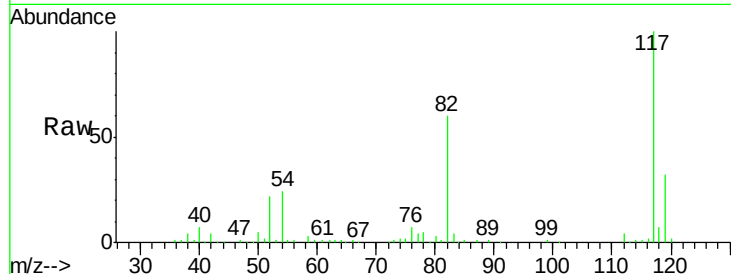




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

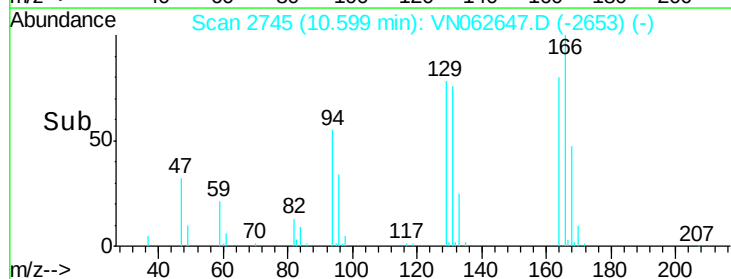
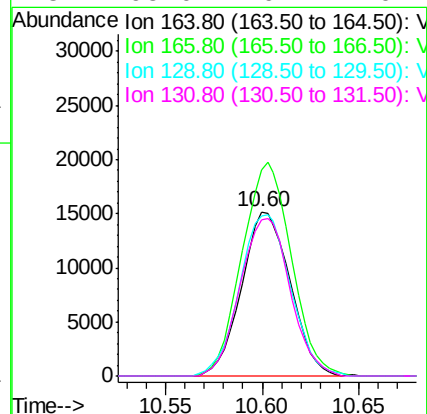
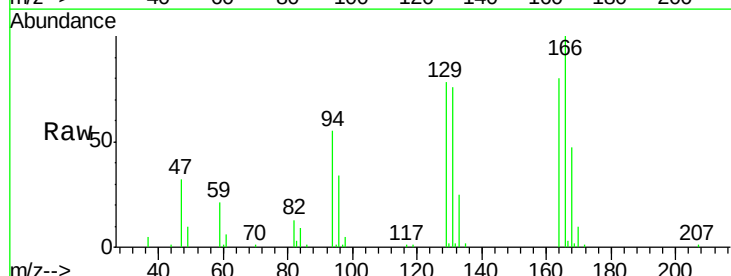
Instrument :
MSVOA_N
ClientSampleId :

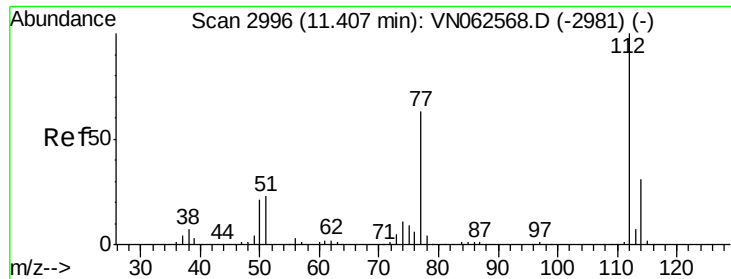
Tot Ion:117 Resp: 216734
Ion Ratio Lower Upper
117 100
82 59.9 49.0 73.6
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 18.833 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion:164 Resp: 26520
Ion Ratio Lower Upper
164 100
166 125.3 104.4 156.6
129 97.5 81.0 121.4
131 95.0 79.4 119.2

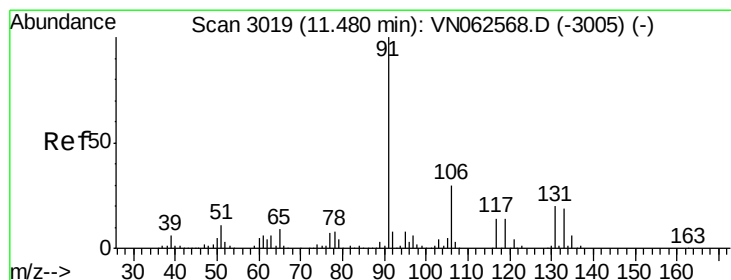
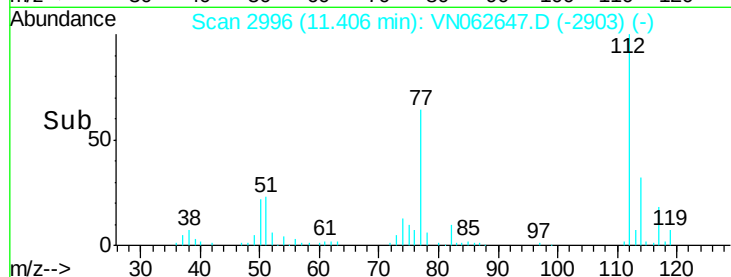
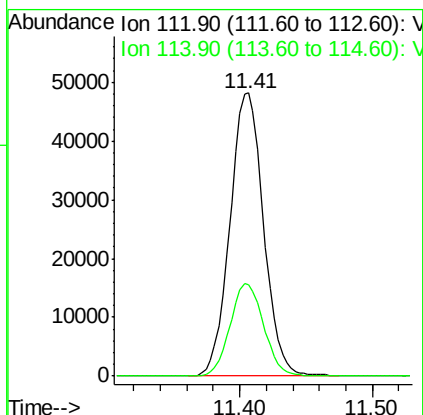
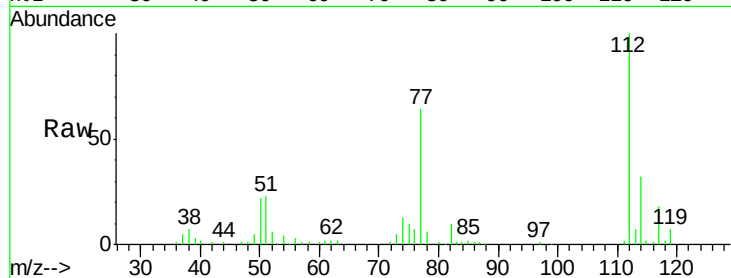




#65
Chlorobenzene
Concen: 18.615 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

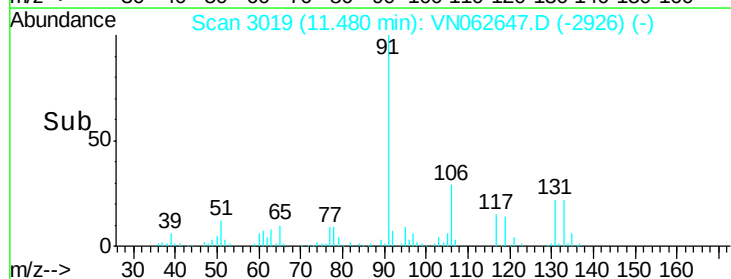
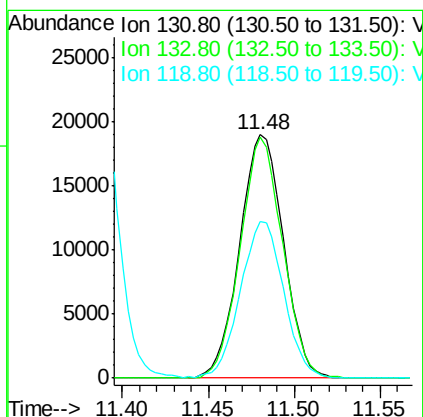
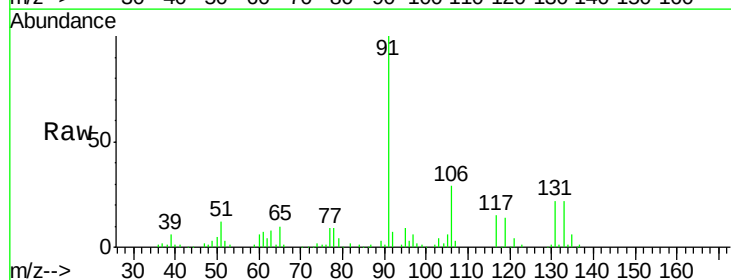
Instrument :
MSVOA_N
ClientSampled :

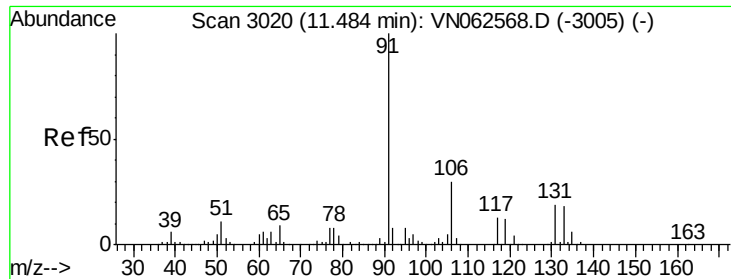
Tot Ion:112 Resp: 84581
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.614 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion:131 Resp: 33526
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 63.6 33.7 101.0

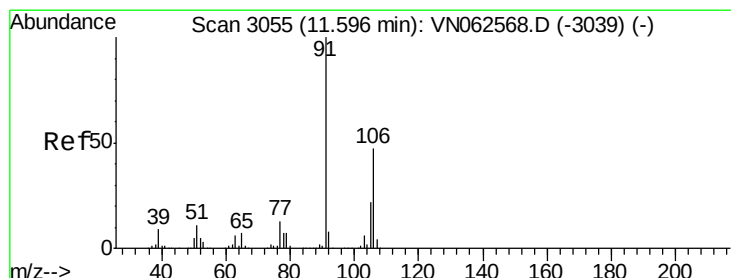
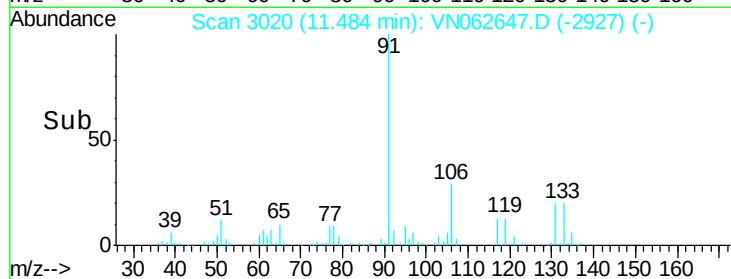
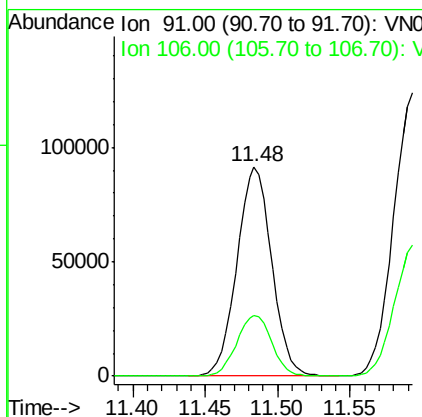
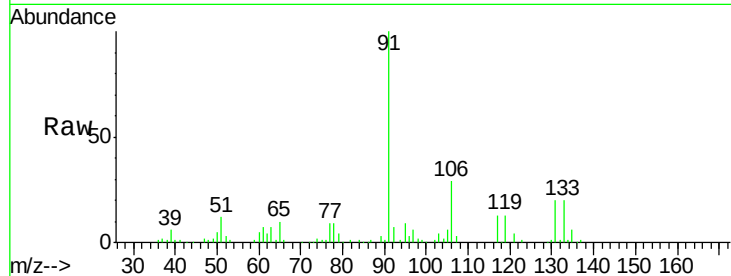




#67
Ethyl Benzene
Concen: 18.277 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

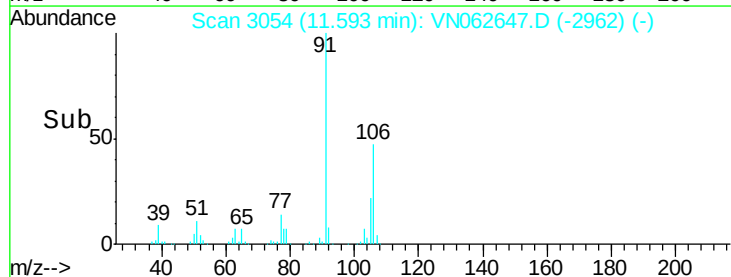
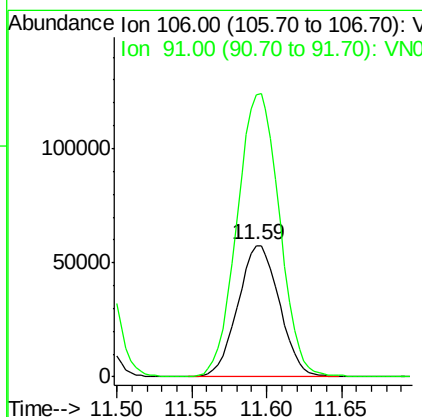
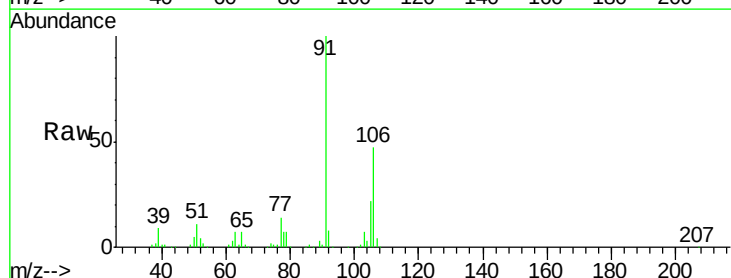
Instrument :
MSVOA_N
ClientSampled :

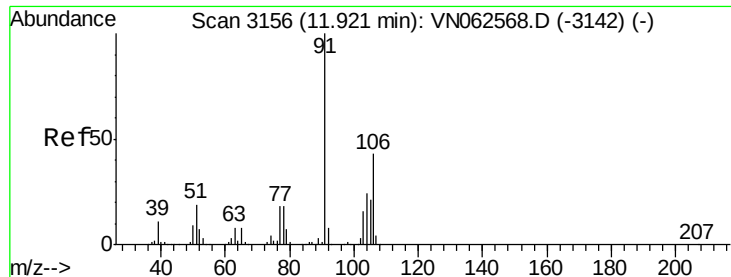
Tot Ion: 91 Resp: 152262
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.8



#68
m/p-Xylenes
Concen: 37.254 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 106 Resp: 111553
Ion Ratio Lower Upper
106 100
91 218.7 171.4 257.2

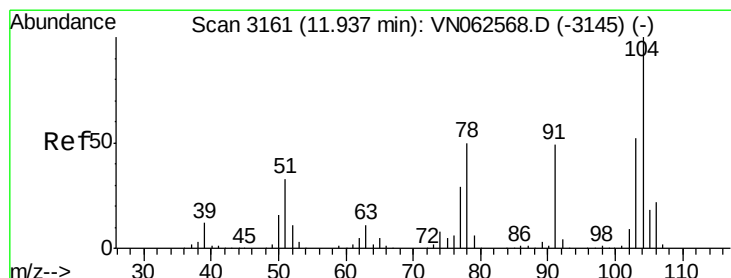
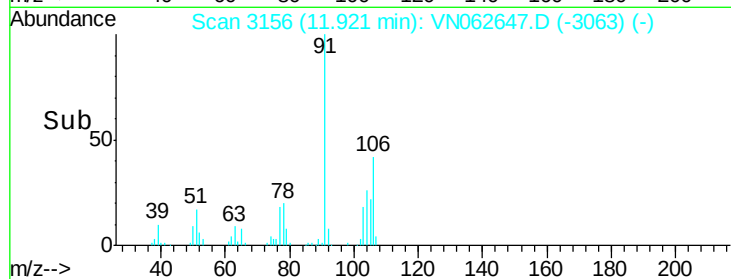
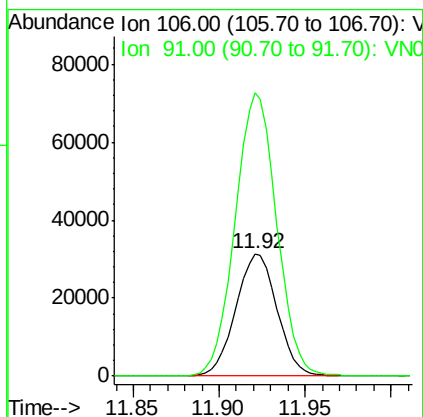
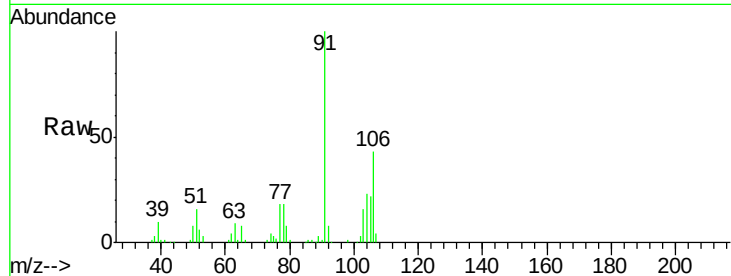




#69
o-Xylene
Concen: 18.407 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

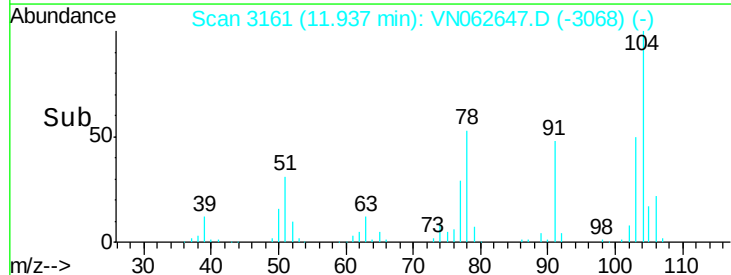
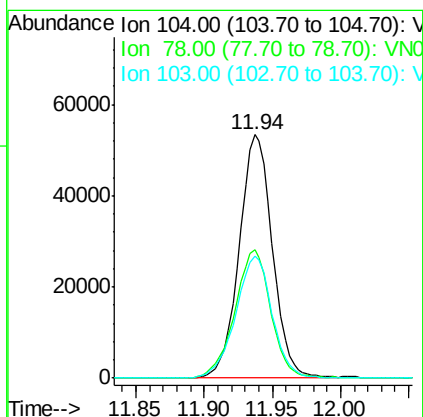
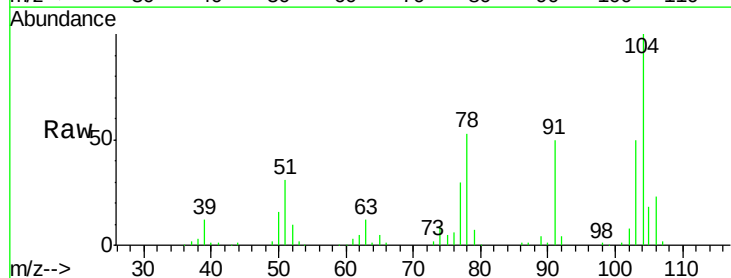
Instrument :
MSVOA_N
ClientSampled :

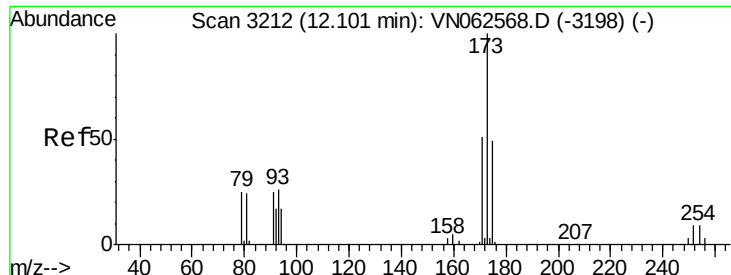
Tot Ion:106 Resp: 52340
Ion Ratio Lower Upper
106 100
91 233.1 113.8 341.2



#70
Styrene
Concen: 18.829 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion:104 Resp: 90439
Ion Ratio Lower Upper
104 100
78 57.2 43.8 65.6
103 55.0 44.0 66.0





#71

Bromoform

Concen: 19.867 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

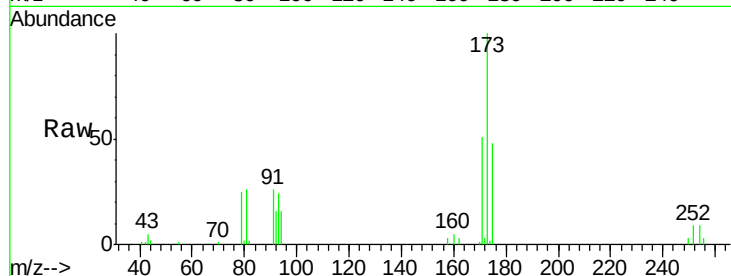
Tot Ion:173 Resp: 25497

Ion Ratio Lower Upper

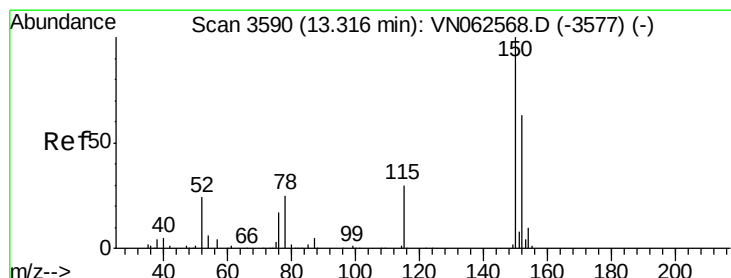
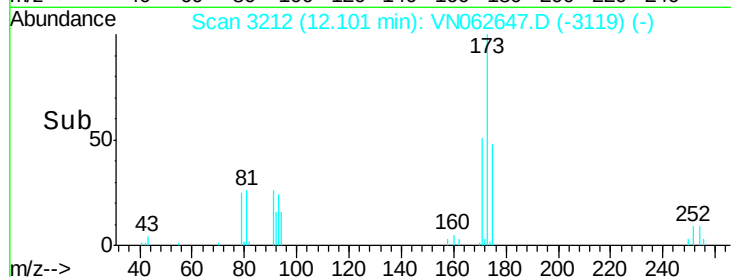
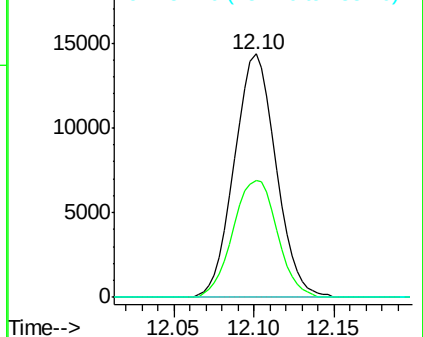
173 100

175 51.1 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: VN062647.D

Acq: 29 Jul 2020 12:14

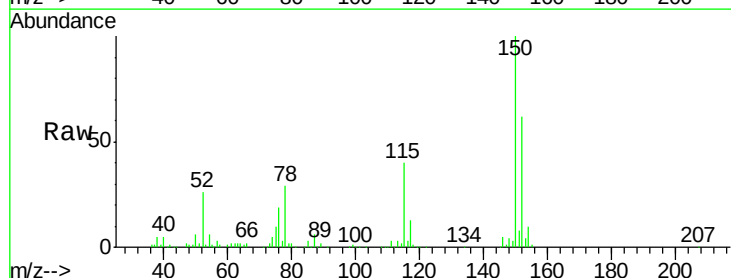
Tgt Ion:152 Resp: 99395

Ion Ratio Lower Upper

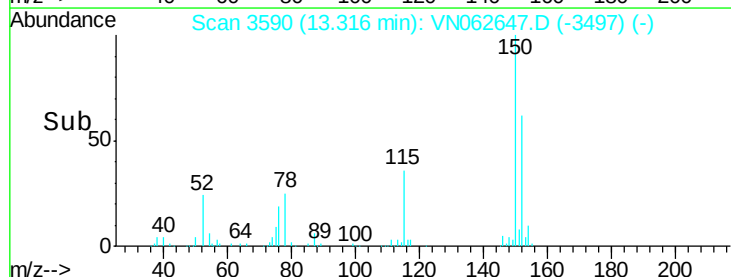
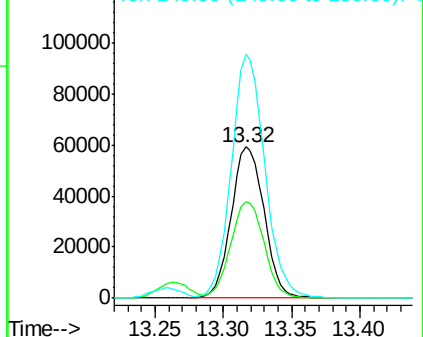
152 100

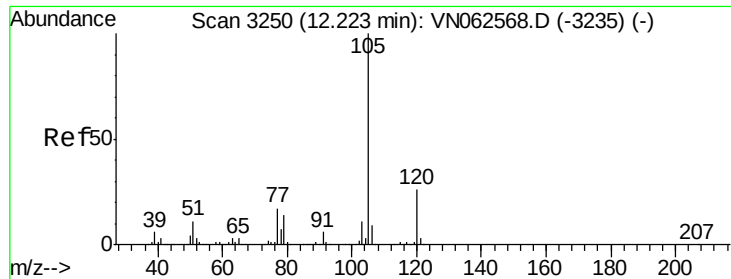
115 65.0 31.8 95.4

150 164.3 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: 18.674 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

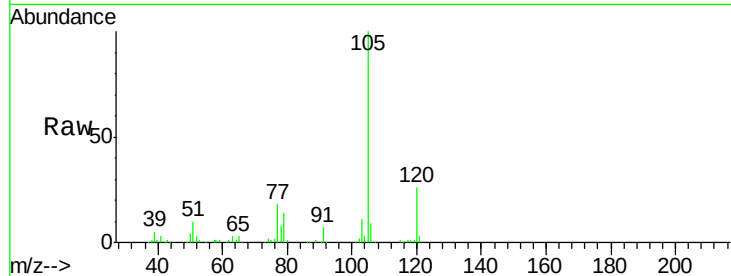
ClientSampled :

Tot Ion:105 Resp: 146764

Ion Ratio Lower Upper

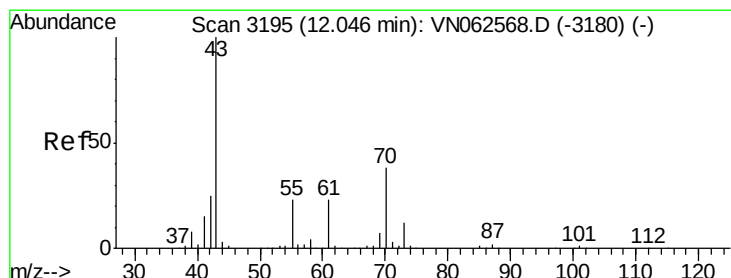
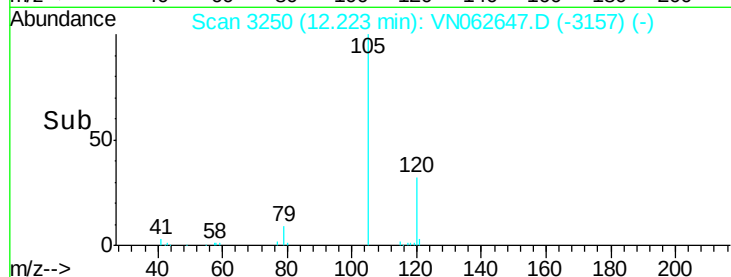
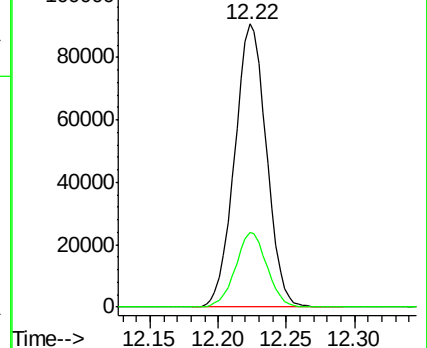
105 100

120 25.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.898 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion: 43 Resp: 59308

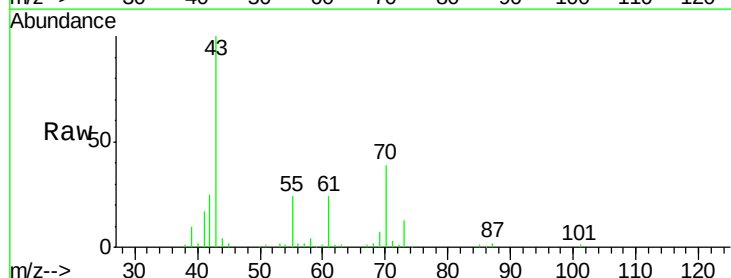
Ion Ratio Lower Upper

43 100

70 40.0 30.5 45.7

55 25.6 19.0 28.6

61 22.8 18.4 27.6

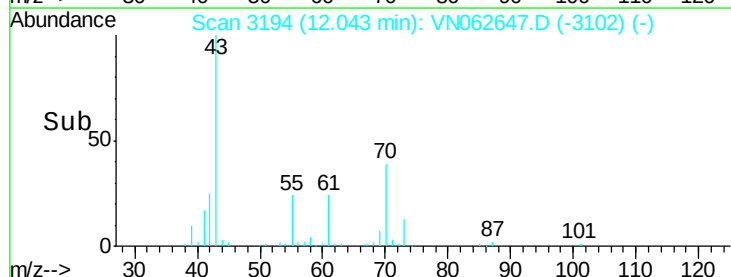
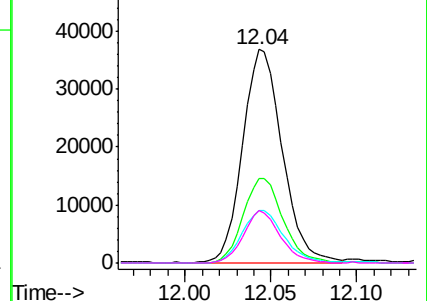


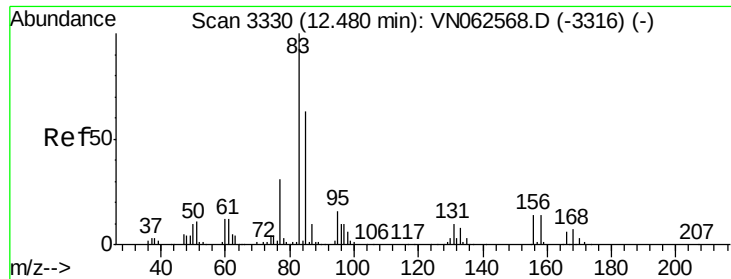
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.293 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

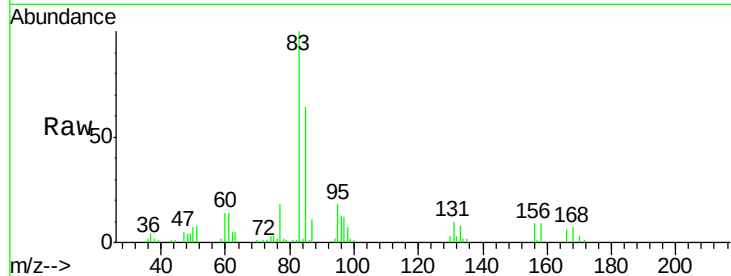
Tot Ion: 83 Resp: 47229

Ion Ratio Lower Upper

83 100

131 10.2 4.8 14.3

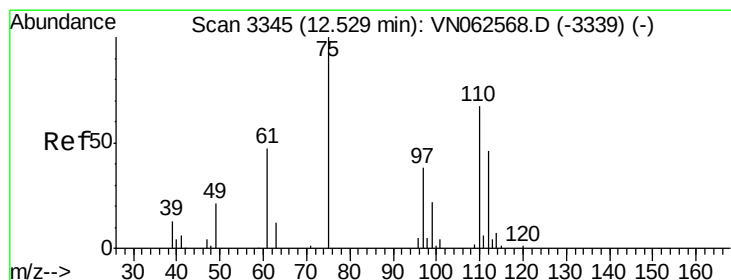
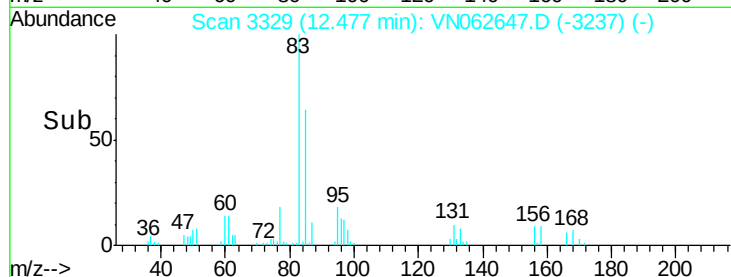
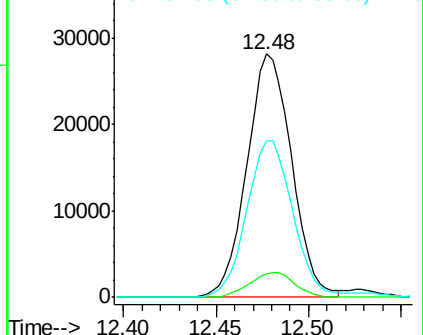
85 65.8 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN062568.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 25.455 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062647.D

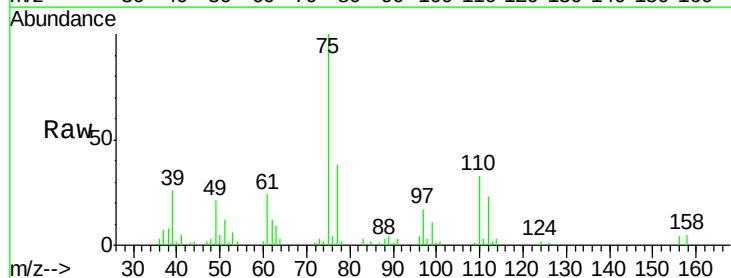
Acq: 29 Jul 2020 12:14

Tgt Ion: 75 Resp: 64401

Ion Ratio Lower Upper

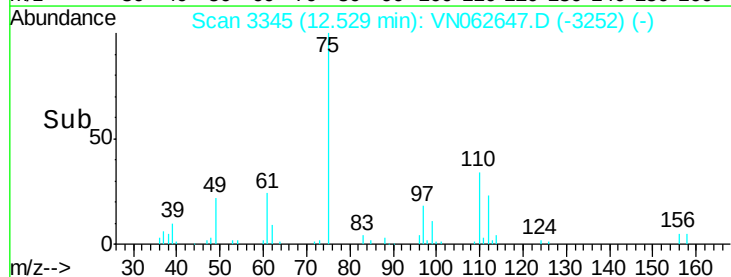
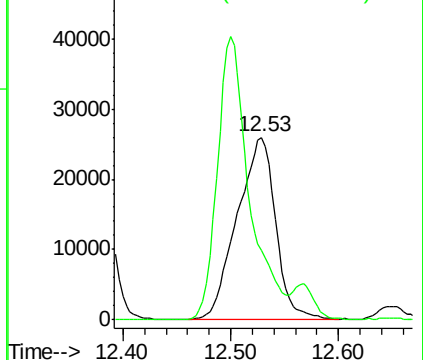
75 100

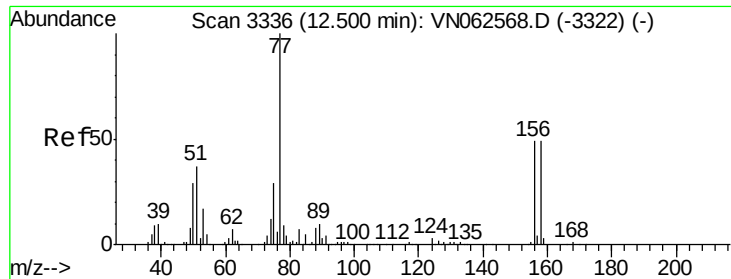
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN062568.D (-3339) (-)





#77

Bromobenzene

Concen: 18.309 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

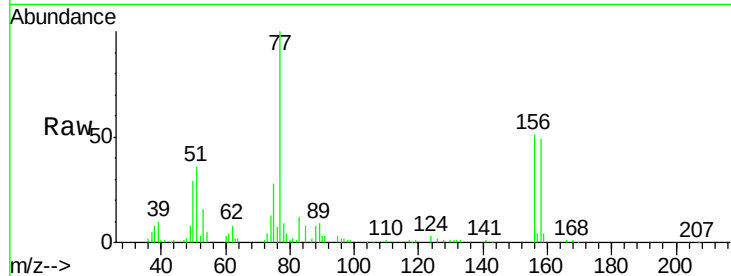
Tot Ion:156 Resp: 34581

Ion Ratio Lower Upper

156 100

77 238.9 122.8 368.3

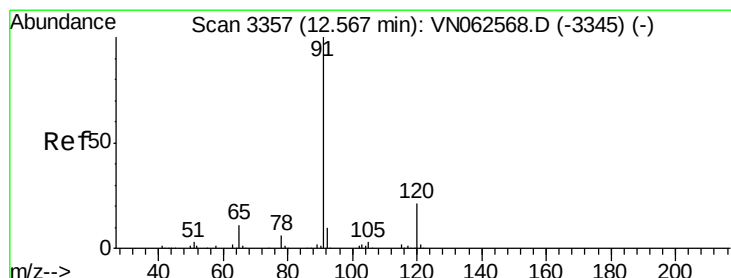
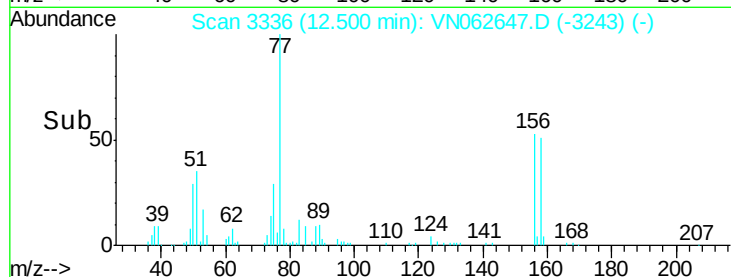
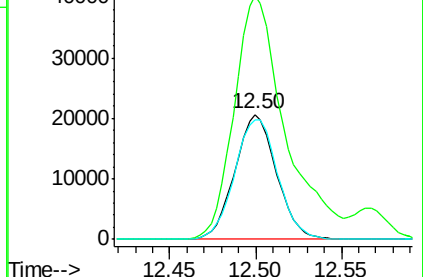
158 99.6 49.4 148.0



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: 18.341 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062647.D

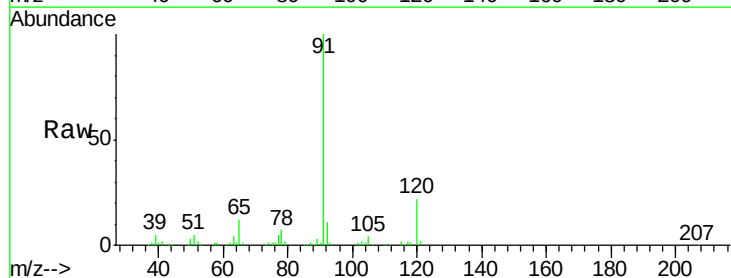
Acq: 29 Jul 2020 12:14

Tgt Ion: 91 Resp: 168845

Ion Ratio Lower Upper

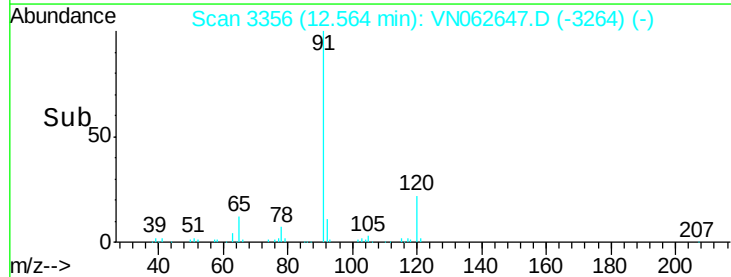
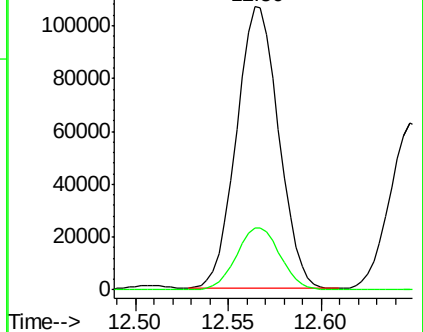
91 100

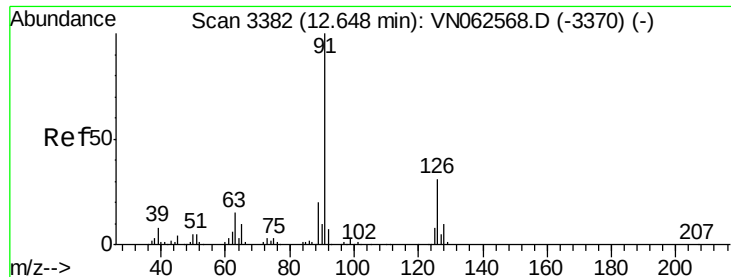
120 22.7 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.326 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

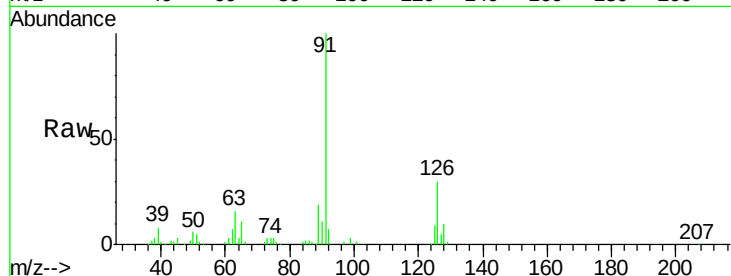
ClientSampleId :

Tot Ion: 91 Resp: 103972

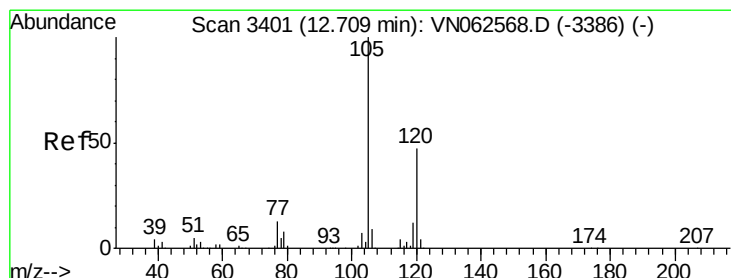
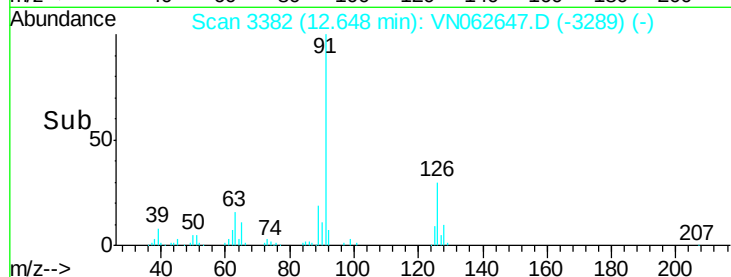
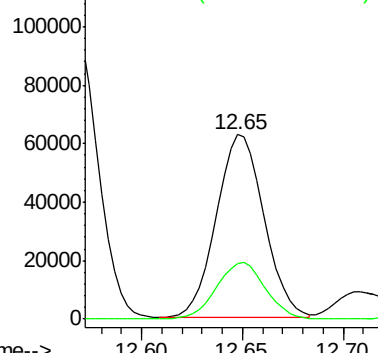
Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062647.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.787 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062647.D

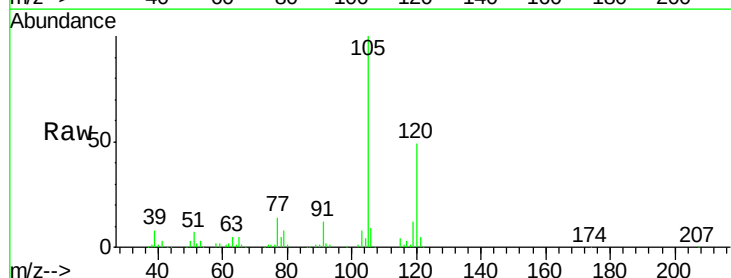
Acq: 29 Jul 2020 12:14

Tgt Ion: 105 Resp: 128999

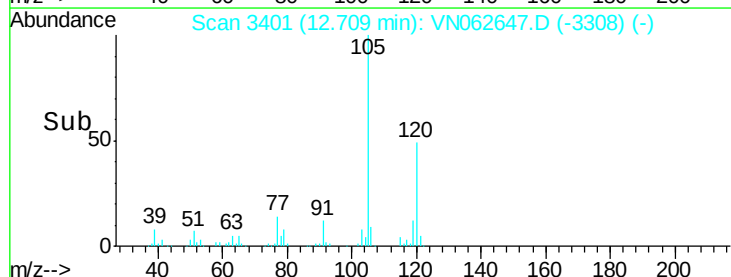
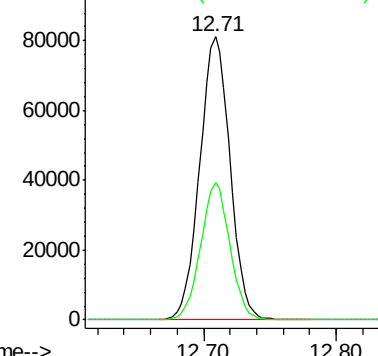
Ion Ratio Lower Upper

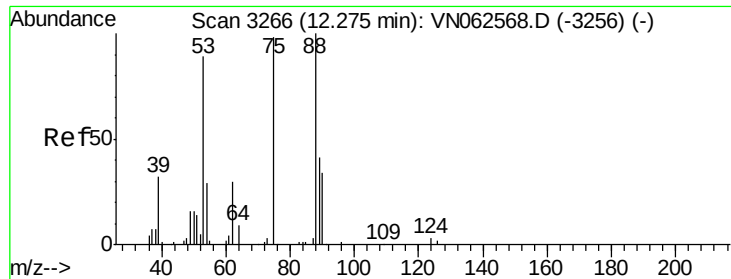
105 100

120 46.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062647.D (-3401) (-)

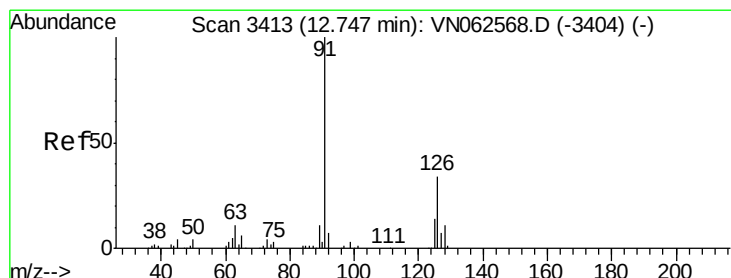
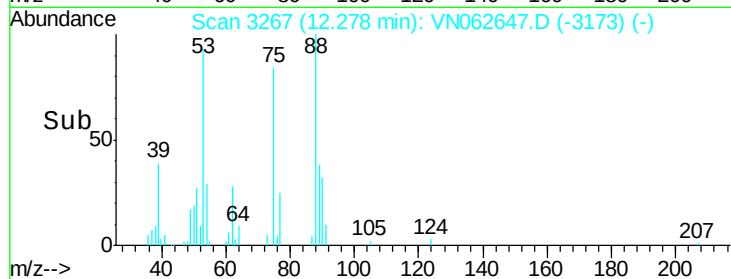
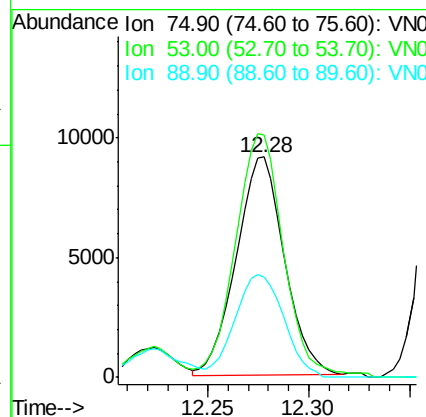
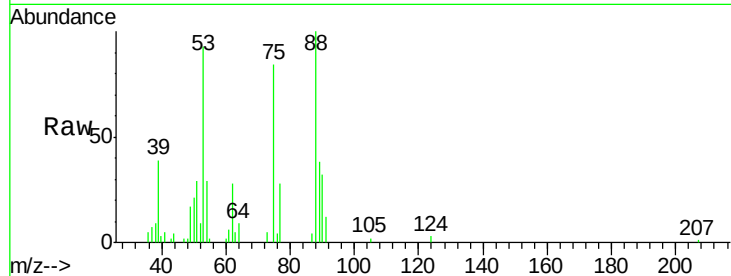




#81
trans-1,4-Dichloro-2-butene
Concen: 16.759 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

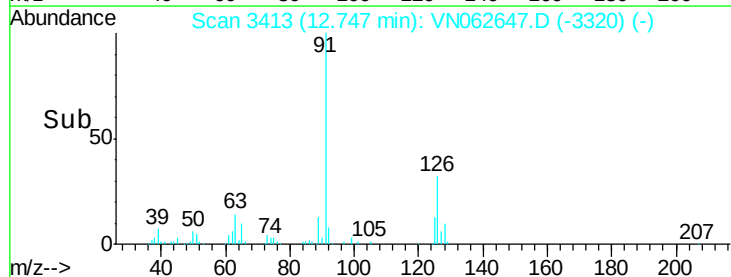
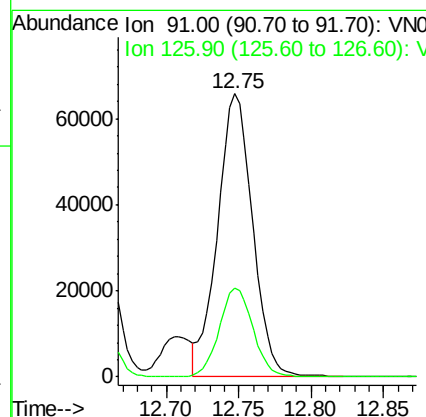
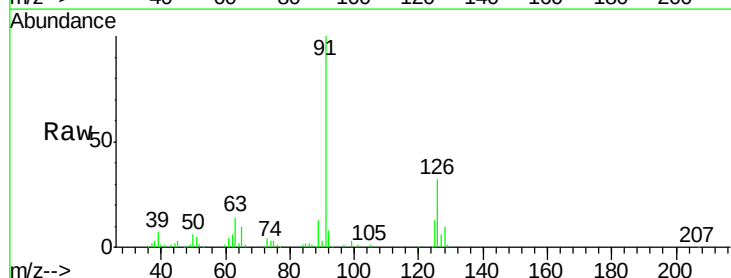
Instrument :
MSVOA_N
ClientSampled :

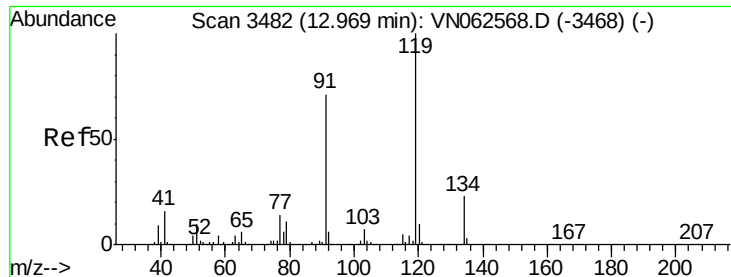
Tot Ion: 75 Resp: 15231
Ion Ratio Lower Upper
75 100
53 112.6 75.4 113.0
89 47.8 34.5 51.7



#82
4-Chlorotoluene
Concen: 18.547 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 91 Resp: 109526
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.4

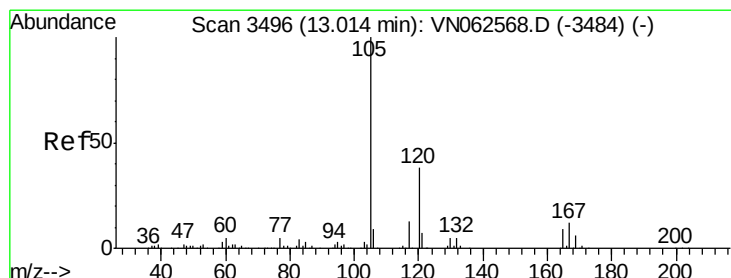
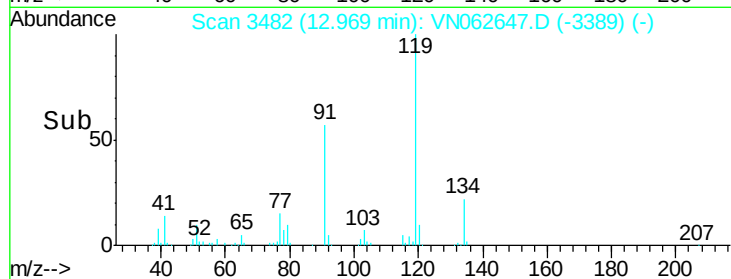
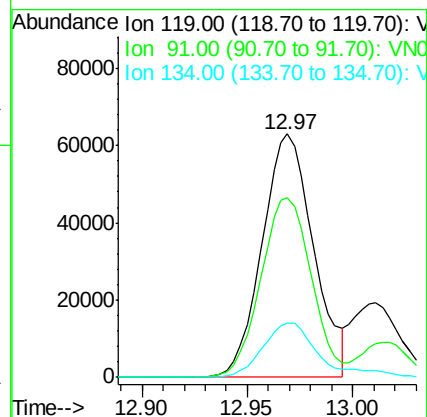
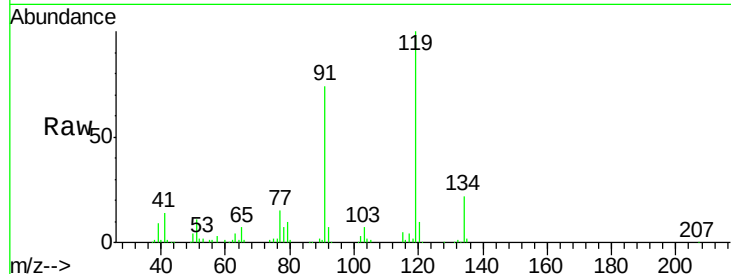




#83
tert-Butylbenzene
Concen: 19.732 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

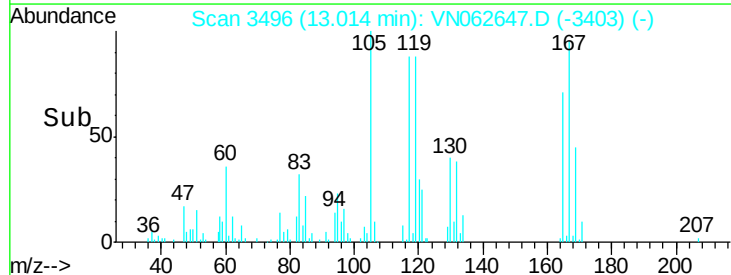
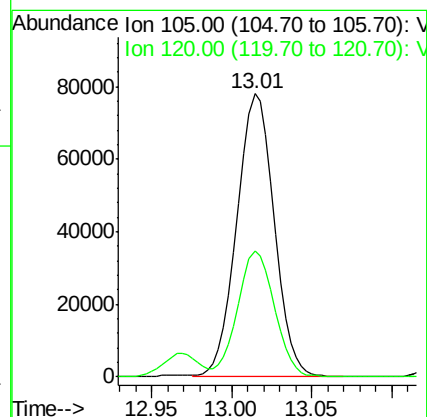
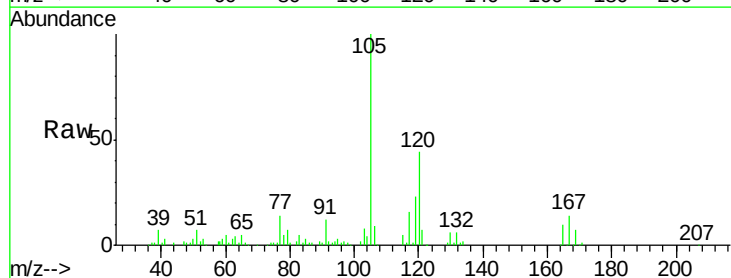
Instrument :
MSVOA_N
ClientSampled :

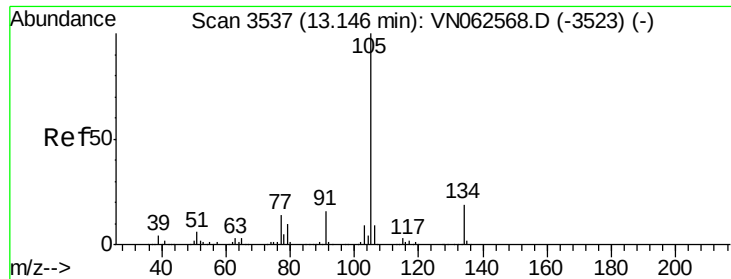
Tot Ion:119 Resp: 106818
Ion Ratio Lower Upper
119 100
91 73.2 34.6 103.8
134 24.6 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 19.329 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion:105 Resp: 123616
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.584 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

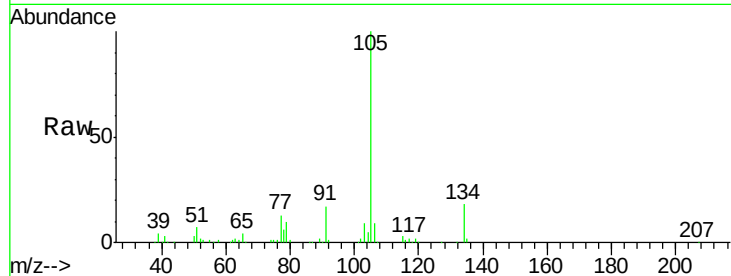
ClientSampleId :

Tot Ion:105 Resp: 141930

Ion Ratio Lower Upper

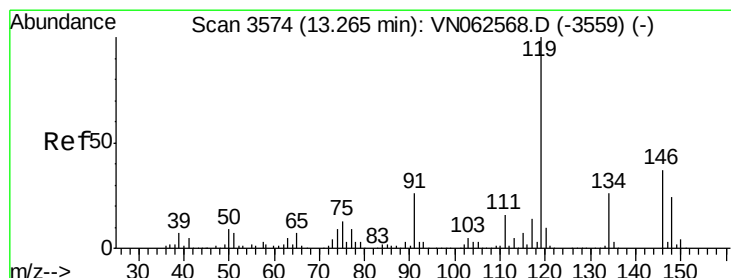
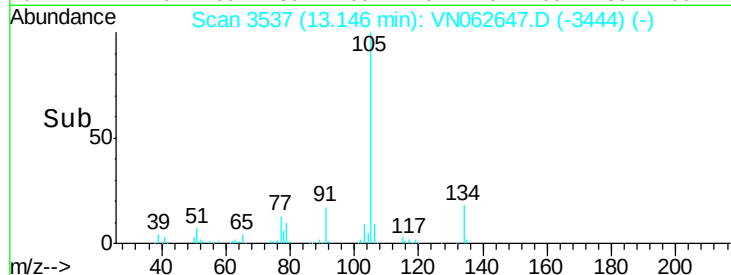
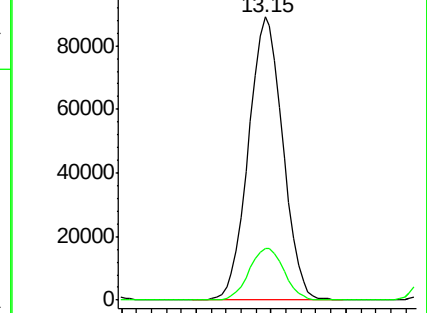
105 100

134 18.7 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: 20.159 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

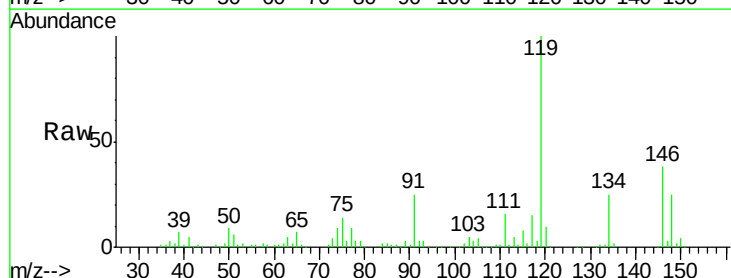
Tgt Ion:119 Resp: 125658

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

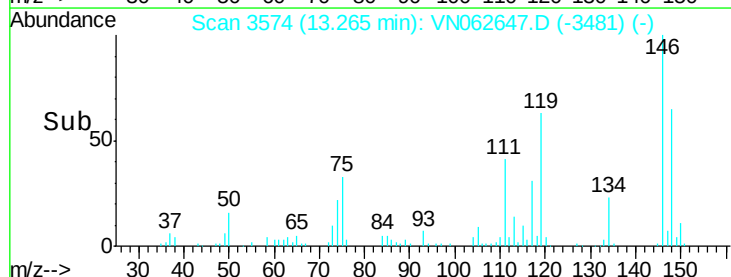
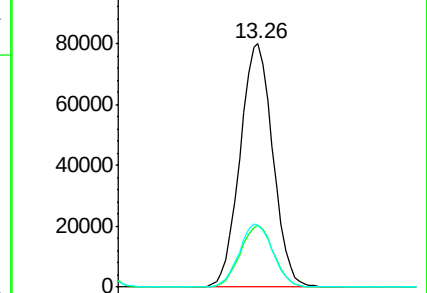
91 26.5 12.7 38.1

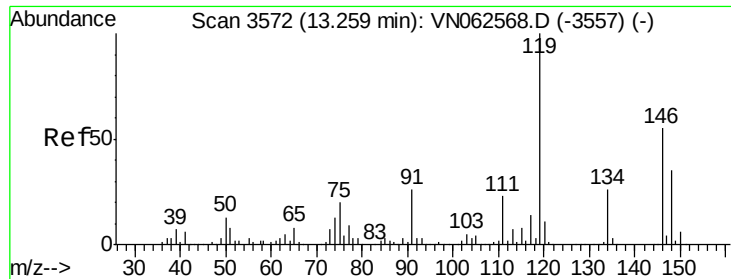


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

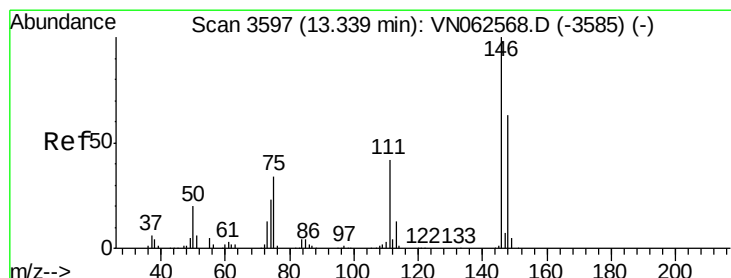
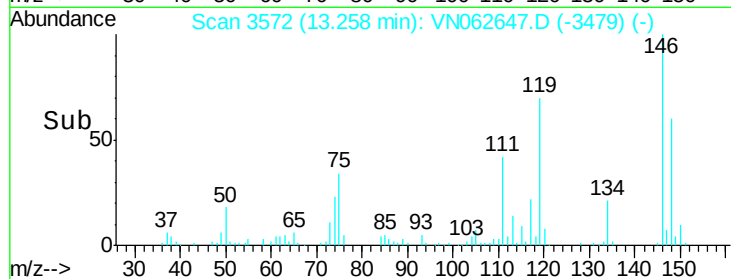
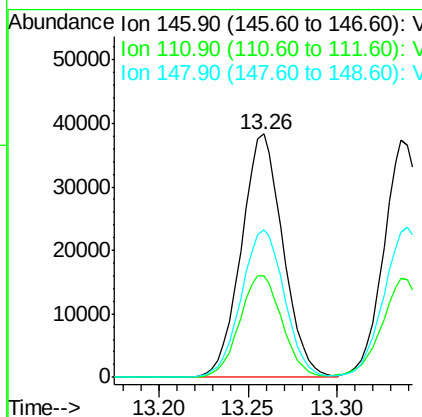
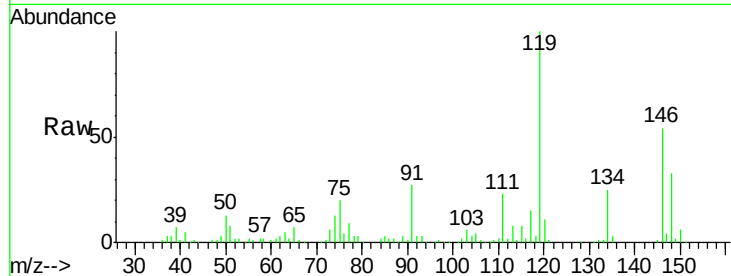




#87
 1,3-Dichlorobenzene
 Concen: 18.915 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

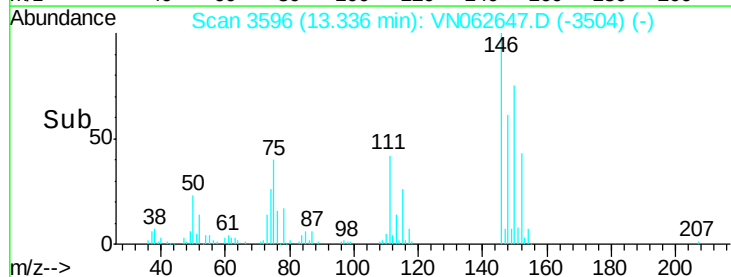
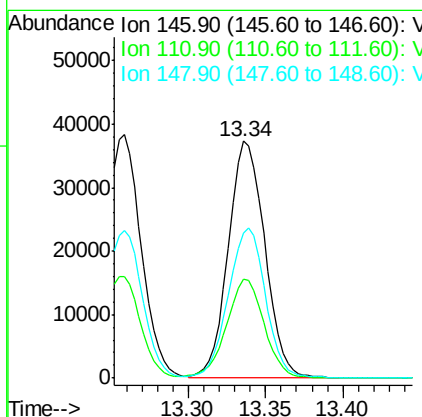
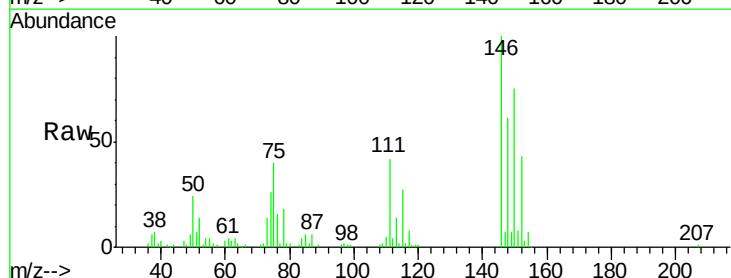
Instrument :
 MSVOA_N
 ClientSampled :

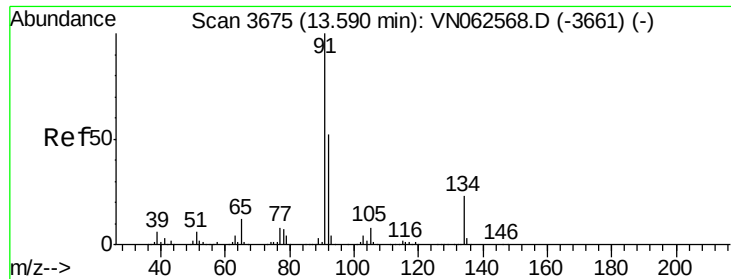
Tot Ion:146 Resp: 62693
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.6 64.6
 148 62.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.830 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion:146 Resp: 61439
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.1
 148 64.4 31.6 94.8

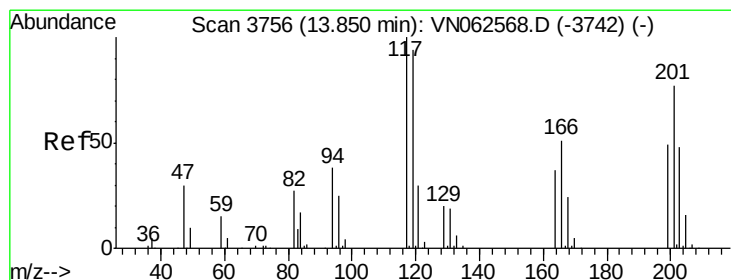
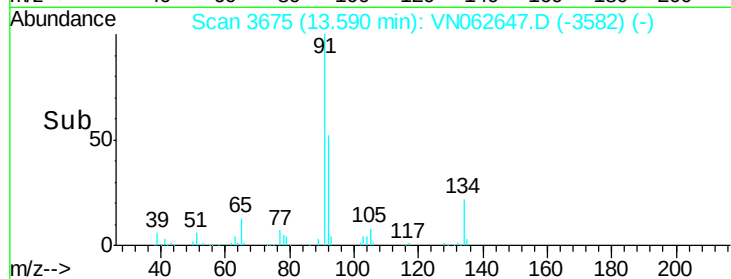
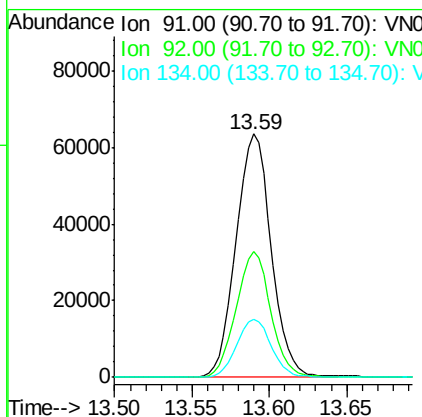
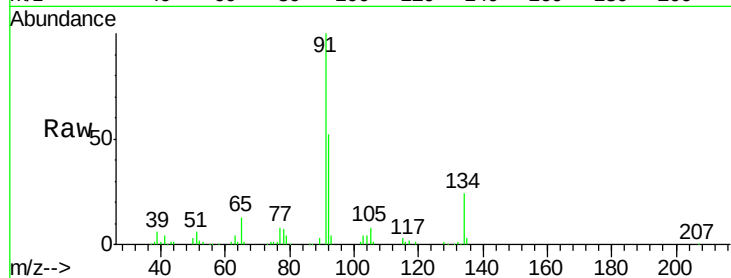




#89
n-Butylbenzene
Concen: 18.759 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

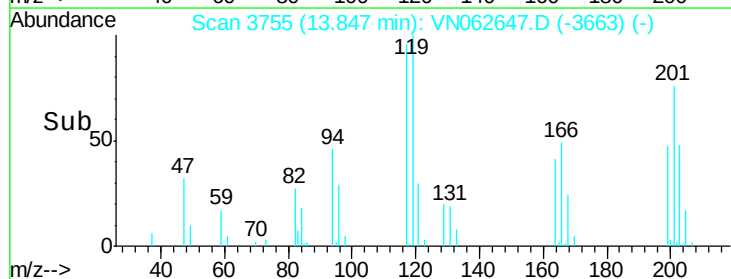
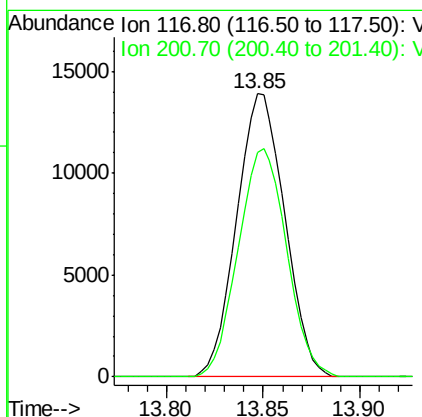
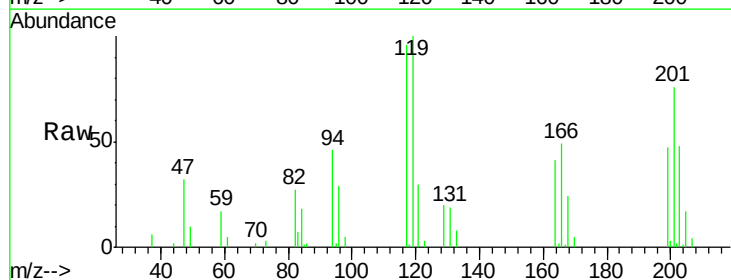
Instrument :
MSVOA_N
ClientSampled :

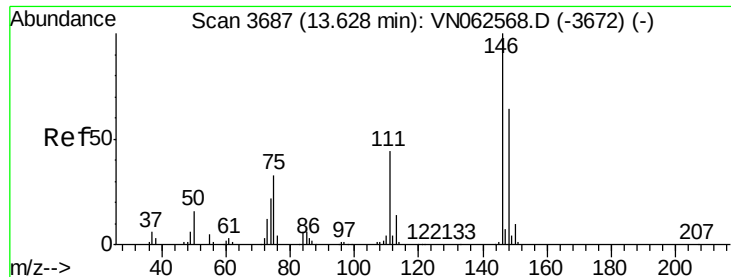
Tot Ion: 91 Resp: 100468
Ion Ratio Lower Upper
91 100
92 50.7 25.8 77.3
134 23.5 11.8 35.3



#90
Hexachloroethane
Concen: 18.123 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 117 Resp: 24048
Ion Ratio Lower Upper
117 100
201 81.3 39.2 117.6

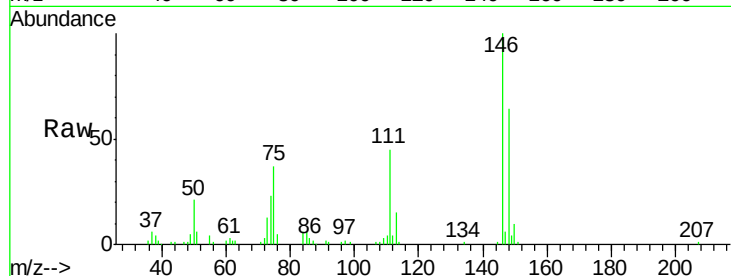




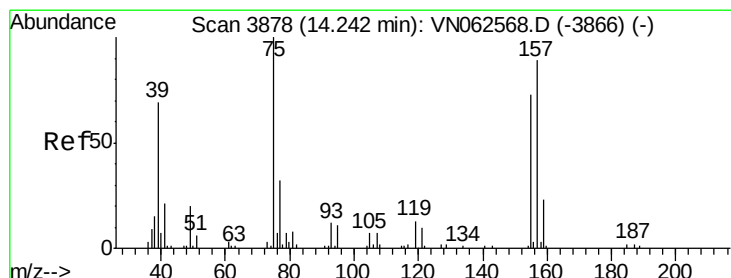
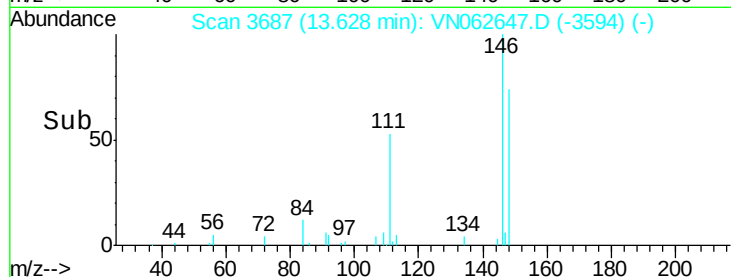
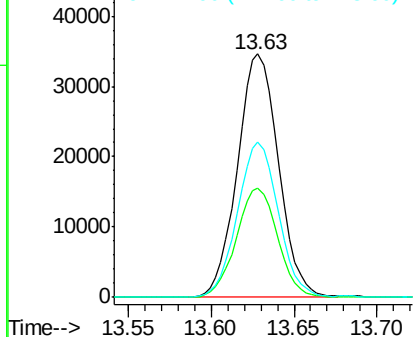
#91
 1,2-Dichlorobenzene
 Concen: 18.917 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 59954
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.9 65.8
 148 63.1 31.6 94.7

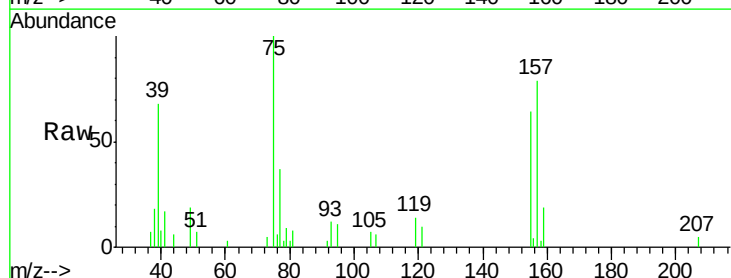


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

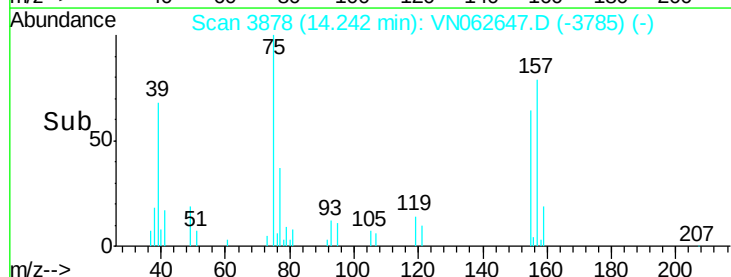
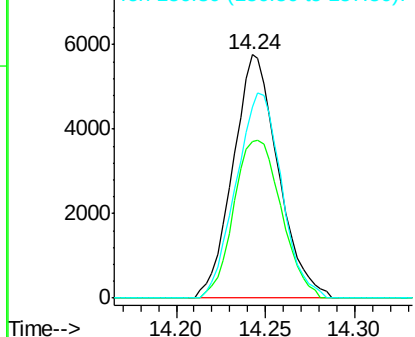


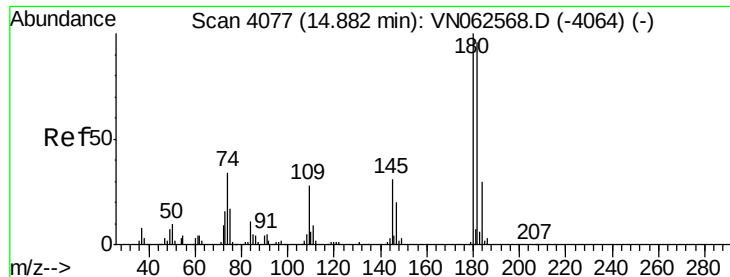
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.564 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 75 Resp: 10197
 Ion Ratio Lower Upper
 75 100
 155 68.1 35.9 107.5
 157 84.8 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

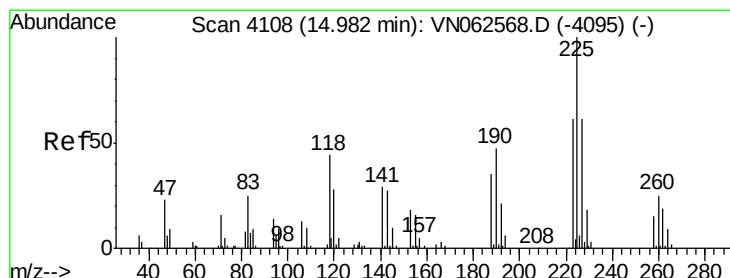
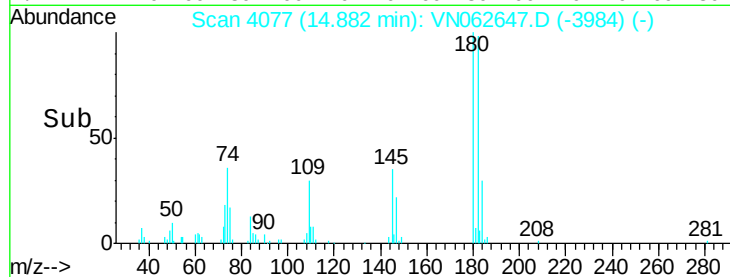
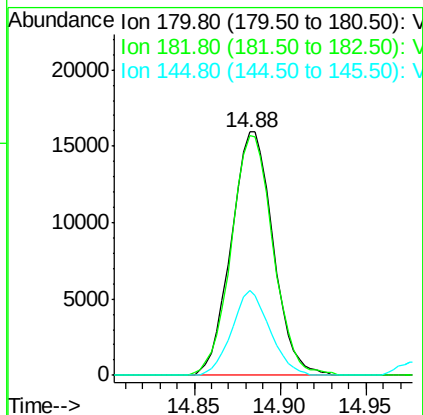
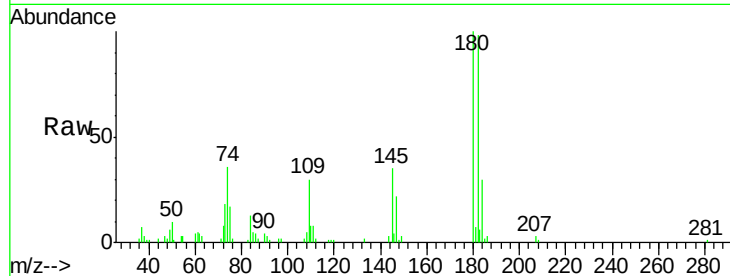




#93
 1,2,4-Trichlorobenzene
 Concen: 18.361 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

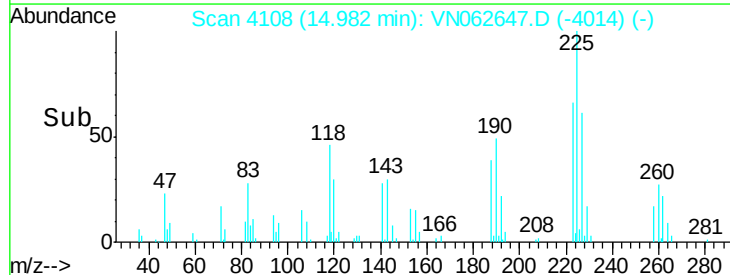
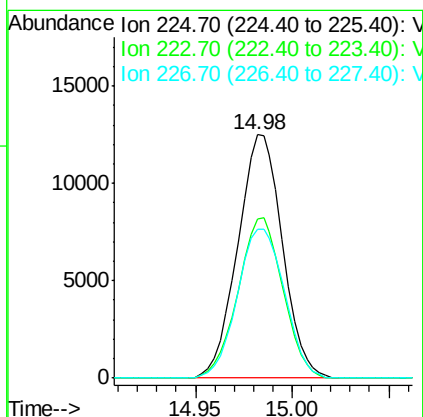
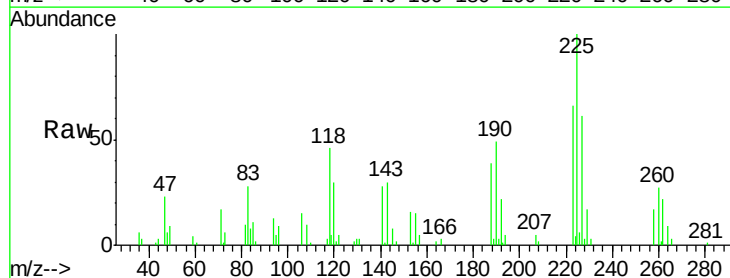
Instrument :
 MSVOA_N
 ClientSampled :

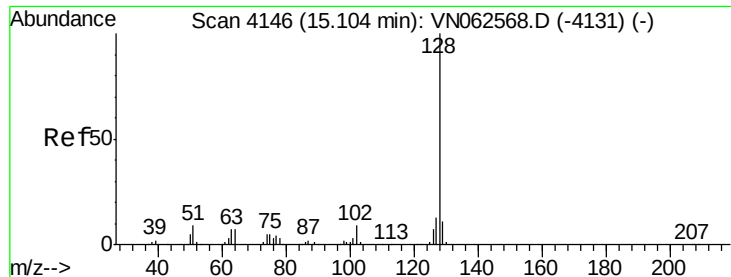
Tot Ion:180 Resp: 27106
 Ion Ratio Lower Upper
 180 100
 182 98.2 47.8 143.3
 145 31.6 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 23.187 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion:225 Resp: 20080
 Ion Ratio Lower Upper
 225 100
 223 66.2 32.0 96.0
 227 64.5 31.1 93.2





#95

Naphthalene

Concen: 18.265 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

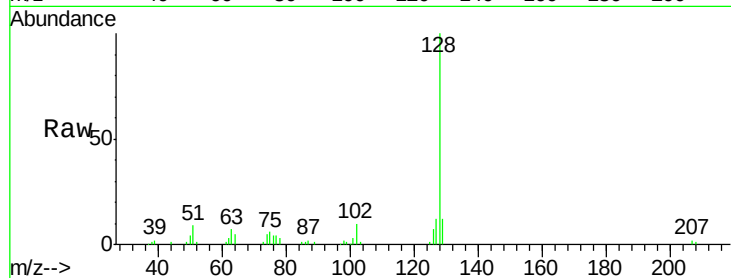
Tot Ion:128 Resp: 69325

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

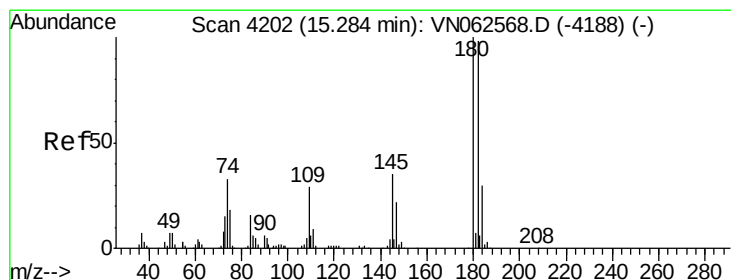
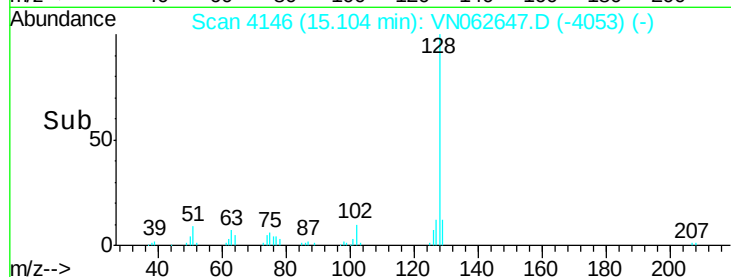
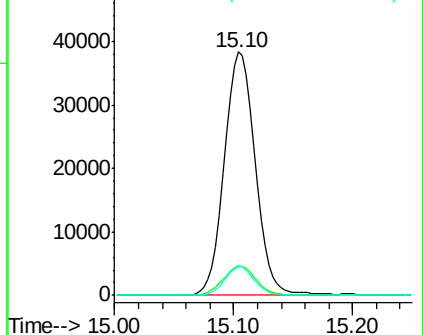
129 10.9 8.7 13.1



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: 18.162 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

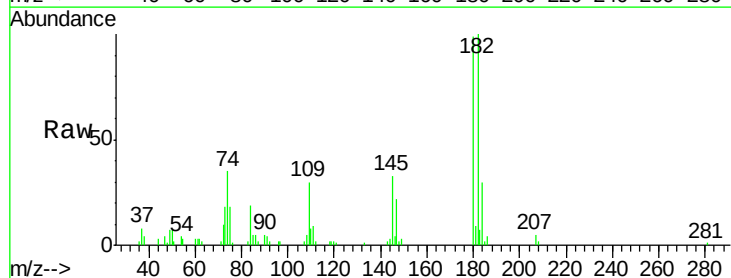
Tgt Ion:180 Resp: 27125

Ion Ratio Lower Upper

180 100

182 96.4 48.1 144.3

145 33.2 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

