

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061587.D
 Acq On : 1 Jun 2020 12:17
 Operator : JC/MD
 Sample : VN0601WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Quant Time: Jun 02 03:52:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	325526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	506576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242598	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	186551	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
35) Dibromofluoromethane	7.54	113	144060	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
50) Toluene-d8	10.06	98	608767	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.37	95	215533	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	69474	19.208	ug/l	99
3) Chloromethane	2.03	50	71549	18.021	ug/l	98
4) Vinyl Chloride	2.16	62	94920	17.446	ug/l	100
5) Bromomethane	2.54	94	58280	18.667	ug/l	96
6) Chloroethane	2.67	64	59252	16.919	ug/l	99
7) Trichlorofluoromethane	2.98	101	113458	16.171	ug/l	100
8) Diethyl Ether	3.37	74	38160	17.787	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	58174	18.685	ug/l	98
10) Methyl Iodide	3.91	142	77710	17.980	ug/l	99
11) Tert butyl alcohol	4.72	59	48346	93.716	ug/l	99
12) 1,1-Dichloroethene	3.70	96	57702	17.347	ug/l	96
13) Acrolein	3.56	56	15860	86.028	ug/l	99
14) Allyl chloride	4.27	41	76753	17.650	ug/l	99
15) Acrylonitrile	4.92	53	125910	87.442	ug/l	99
16) Acetone	3.77	43	102037	91.530	ug/l	99
17) Carbon Disulfide	4.00	76	155358	21.229	ug/l	96
18) Methyl Acetate	4.27	43	59905	17.062	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	198652	17.523	ug/l	97
20) Methylene Chloride	4.50	84	68240	18.253	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	65571	17.480	ug/l	97
22) Diisopropyl ether	5.90	45	170999	17.841	ug/l	97
23) Vinyl Acetate	5.84	43	651005	85.220	ug/l	100
24) 1,1-Dichloroethane	5.79	63	107988	17.768	ug/l	99
25) 2-Butanone	6.78	43	151032	82.167	ug/l	96
26) 2,2-Dichloropropane	6.77	77	100748	18.111	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	77838	18.325	ug/l	99
28) Bromochloromethane	7.15	49	47855	20.141	ug/l	100
29) Tetrahydrofuran	7.16	42	99872	82.397	ug/l	100
30) Chloroform	7.32	83	122462	18.213	ug/l	99
31) Cyclohexane	7.61	56	95129	17.404	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	108546	17.717	ug/l	98
36) 1,1-Dichloropropene	7.75	75	82801	17.292	ug/l	98
37) Ethyl Acetate	6.87	43	65384	16.953	ug/l	96
38) Carbon Tetrachloride	7.73	117	85612	18.536	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	105768	17.921	ug/l	97
40) Benzene	8.00	78	265166	17.948	ug/l	100
41) Methacrylonitrile	7.16	41	93503	52.917	ug/l #	8
42) 1,2-Dichloroethane	8.08	62	90584	18.314	ug/l	100
43) Isopropyl Acetate	8.12	43	116302	16.762	ug/l	98
44) Trichloroethene	8.80	130	82370	18.141	ug/l	96
45) 1,2-Dichloropropane	9.08	63	63902	18.215	ug/l	98
46) Dibromomethane	9.17	93	48860	18.160	ug/l	99
47) Bromodichloromethane	9.37	83	99264	18.621	ug/l	100
48) Methyl methacrylate	9.16	41	49390	15.821	ug/l	98
49) 1,4-Dioxane	9.16	88	21278	439.976	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	321486	82.220	ug/l	100
52) Toluene	10.12	92	176098	18.262	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	101773	17.723	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	110772	17.940	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	69860	18.184	ug/l	98
56) Ethyl methacrylate	10.40	69	91127	16.980	ug/l	99
57) 1,3-Dichloropropane	10.68	76	110879	18.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	197897	86.290	ug/l	100
59) 2-Hexanone	10.72	43	226831	80.777	ug/l	98
60) Dibromochloromethane	10.87	129	80101	18.340	ug/l	100
61) 1,2-Dibromoethane	10.98	107	72217	18.024	ug/l	99
64) Tetrachloroethene	10.60	164	84469	17.714	ug/l	99
65) Chlorobenzene	11.40	112	192441	18.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	71009	18.111	ug/l	98
67) Ethyl Benzene	11.48	91	331335	18.205	ug/l	97
68) m/p-Xylenes	11.59	106	260243	36.063	ug/l	100
69) o-Xylene	11.92	106	122386	17.856	ug/l	99
70) Styrene	11.94	104	201470	17.750	ug/l	98
71) Bromoform	12.10	173	51845	17.160	ug/l #	97
73) Isopropylbenzene	12.22	105	326998	18.468	ug/l	99
74) N-amyl acetate	12.04	43	94576	16.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85898	17.311	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	111636	25.306	ug/l #	100
77) Bromobenzene	12.50	156	83343	18.440	ug/l	99
78) n-propylbenzene	12.56	91	364360	18.433	ug/l	100
79) 2-Chlorotoluene	12.65	91	214337	18.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	274341	18.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28714	16.645	ug/l	96
82) 4-Chlorotoluene	12.74	91	225200	18.162	ug/l	100
83) tert-Butylbenzene	12.97	119	232209	17.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	275454	18.736	ug/l	99
85) sec-Butylbenzene	13.15	105	308775	18.326	ug/l	99
86) p-Isopropyltoluene	13.26	119	289399	18.651	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	146172	18.263	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	148766	18.246	ug/l	99
89) n-Butylbenzene	13.59	91	243612	18.744	ug/l	98
90) Hexachloroethane	13.85	117	36208	21.100	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	144746	18.924	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15935	15.747	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

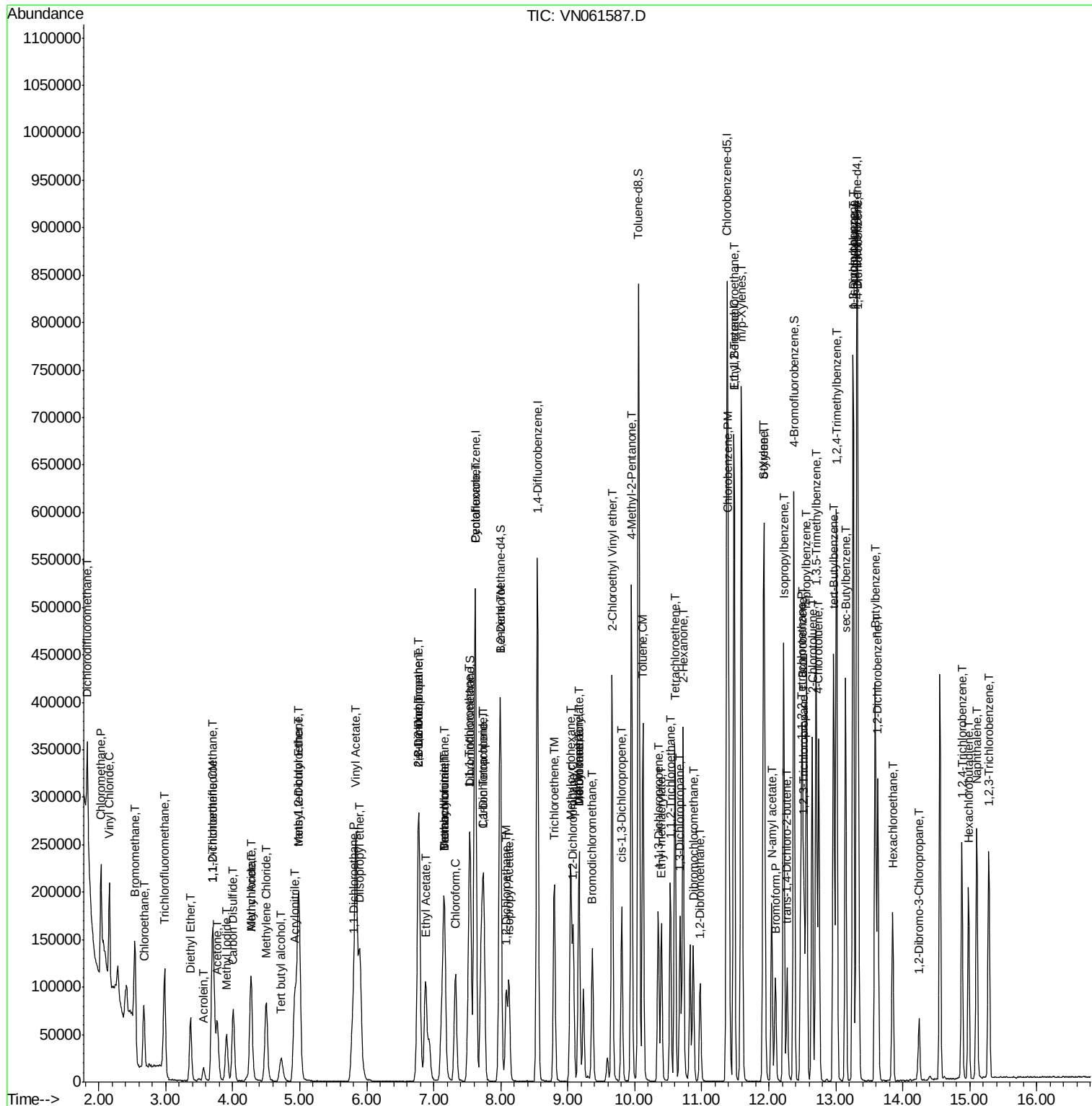
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	81354	18.187	ug/l	99
94) Hexachlorobutadiene	14.98	225	36383	19.071	ug/l	99
95) Naphthalene	15.10	128	238376	17.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	81158	18.453	ug/l	98

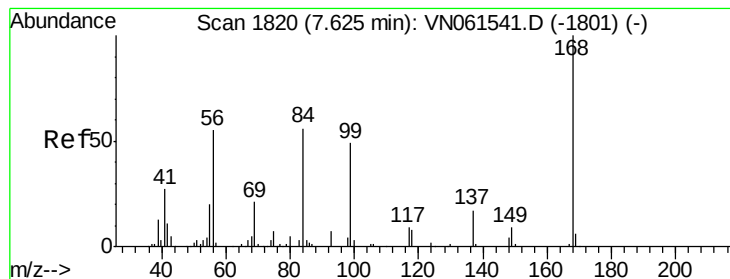
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

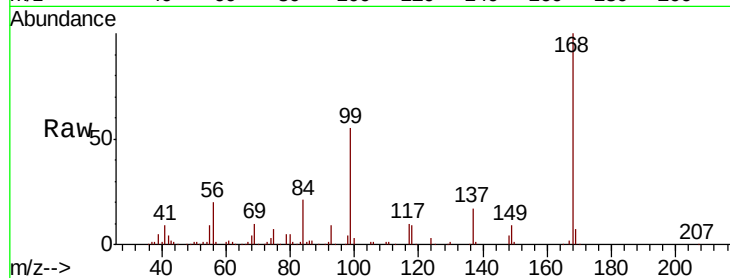
VN0601WBSD01

Tot Ion:168 Resp: 325526

Ion Ratio Lower Upper

168 100

99 54.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

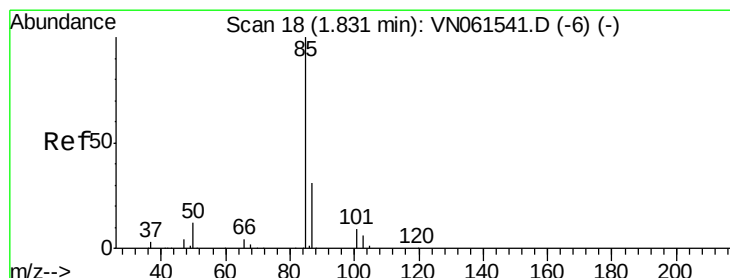
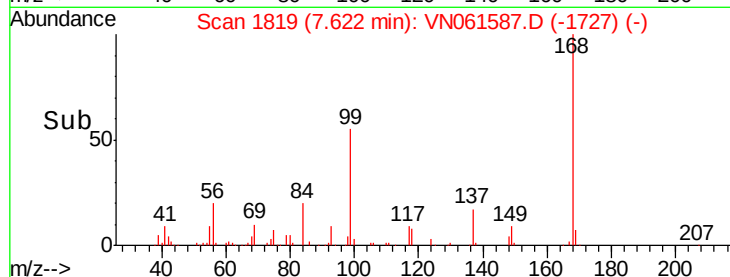
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.208 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061587.D

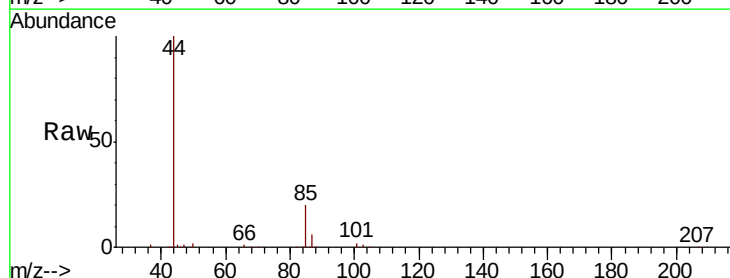
Acq: 1 Jun 2020 12:17

Tgt Ion: 85 Resp: 69474

Ion Ratio Lower Upper

85 100

87 31.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

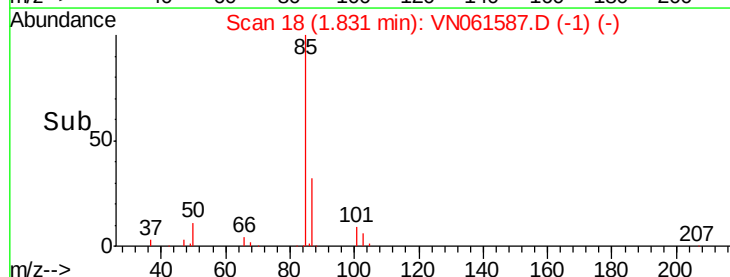
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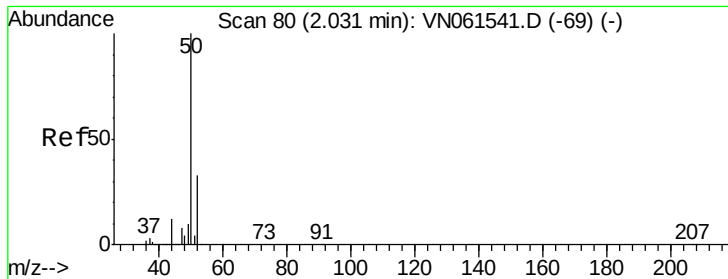
10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.021 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

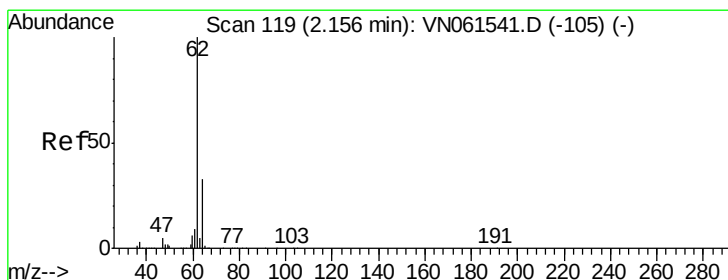
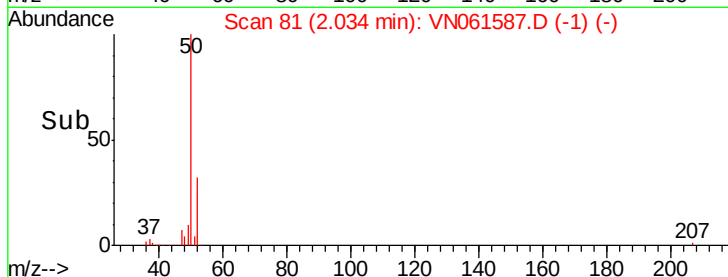
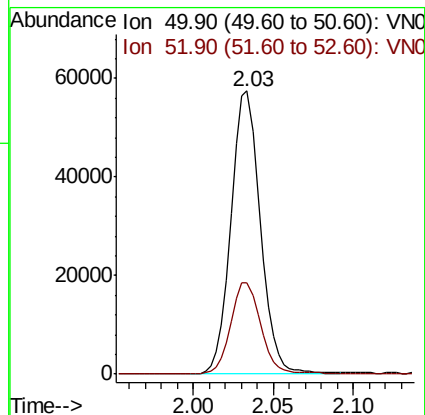
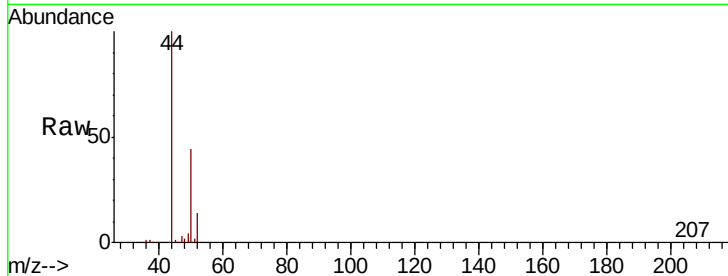
VN0601WBSD01

Tot Ion: 50 Resp: 71549

Ion Ratio Lower Upper

50 100

52 32.3 26.7 40.1



#4

Vinyl Chloride

Concen: 17.446 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061587.D

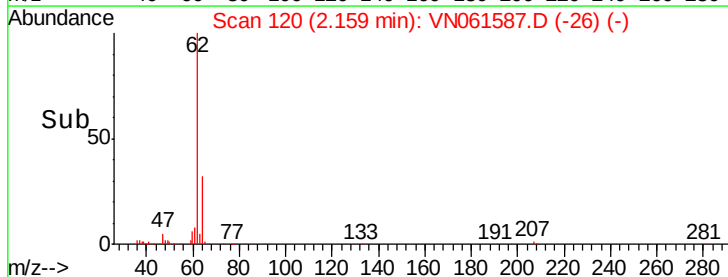
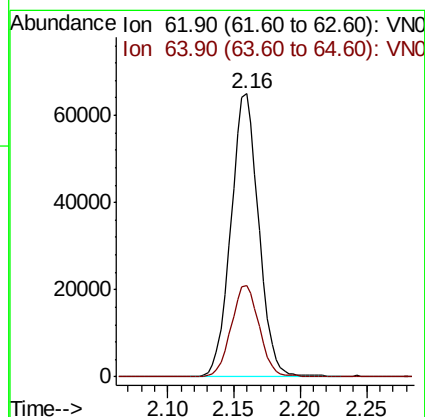
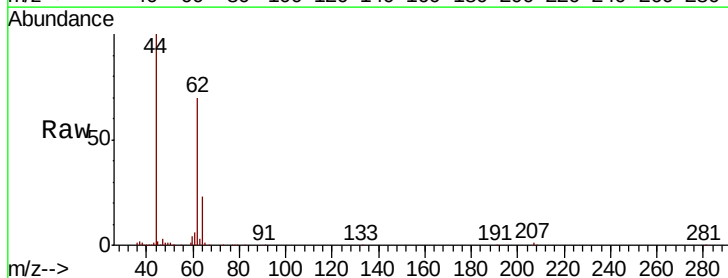
Acq: 1 Jun 2020 12:17

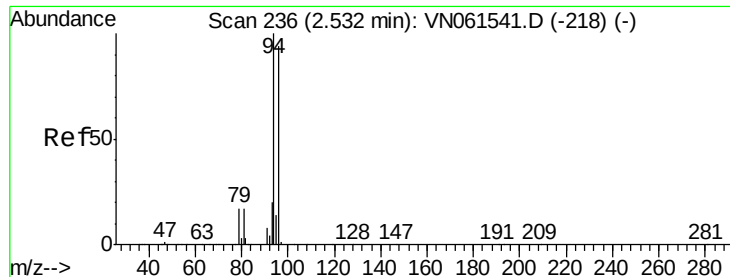
Tgt Ion: 62 Resp: 94920

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2





#5

Bromomethane

Concen: 18.667 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

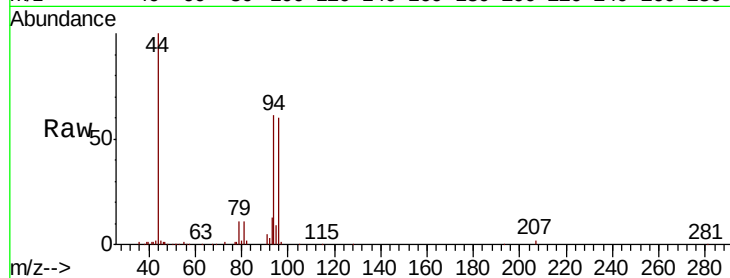
VN0601WBSD01

Tot Ion: 94 Resp: 58280

Ion Ratio Lower Upper

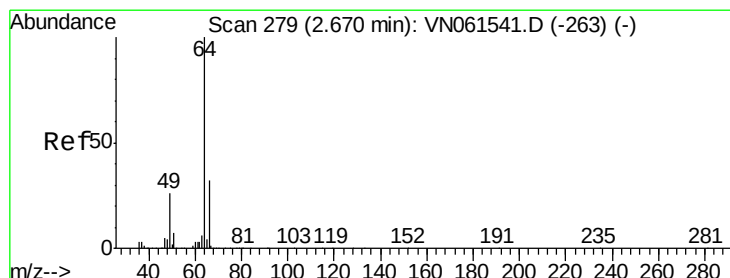
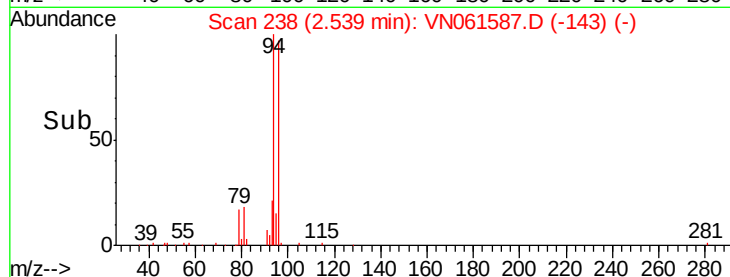
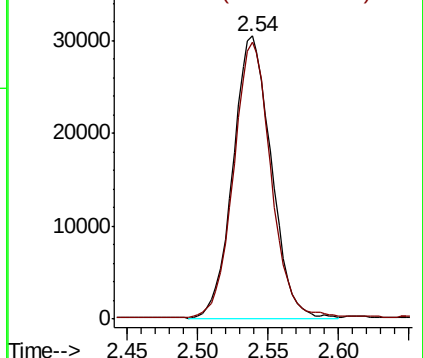
94 100

96 97.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.919 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061587.D

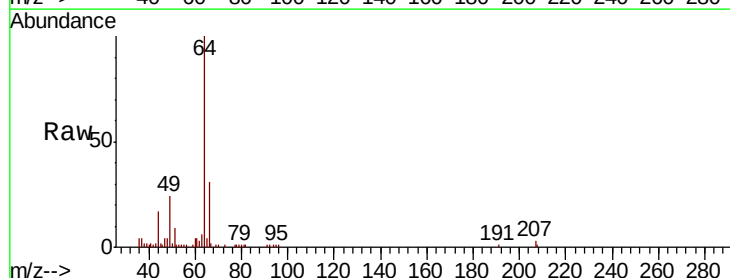
Acq: 1 Jun 2020 12:17

Tgt Ion: 64 Resp: 59252

Ion Ratio Lower Upper

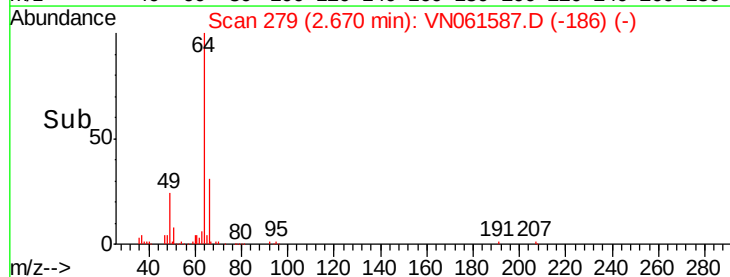
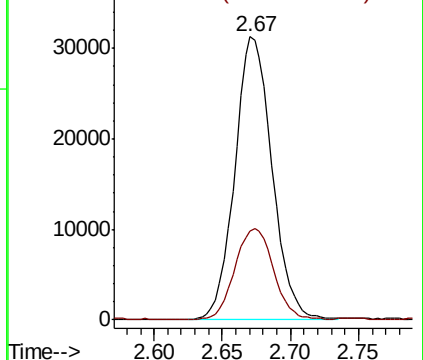
64 100

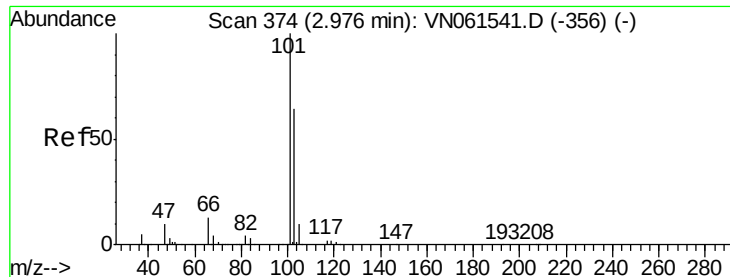
66 31.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



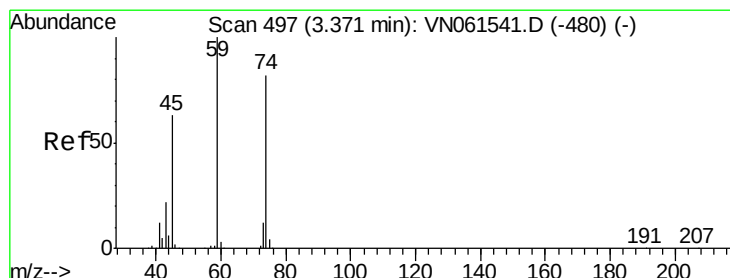
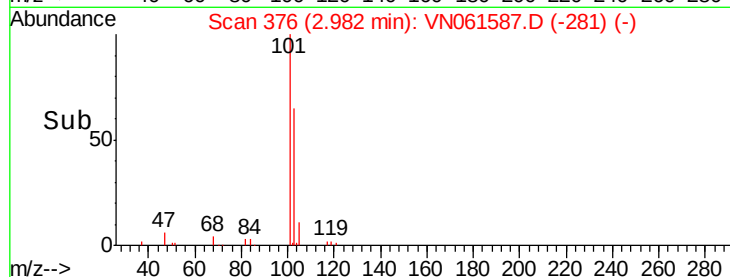
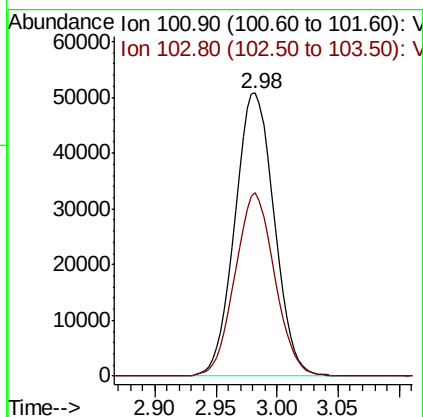
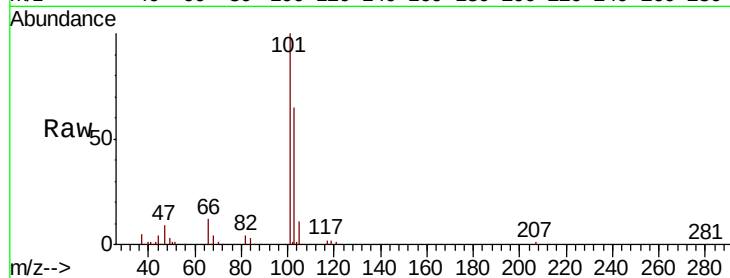


#7

Trichlorofluoromethane
 Concen: 16.171 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.01 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
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 VN0601WBSD01

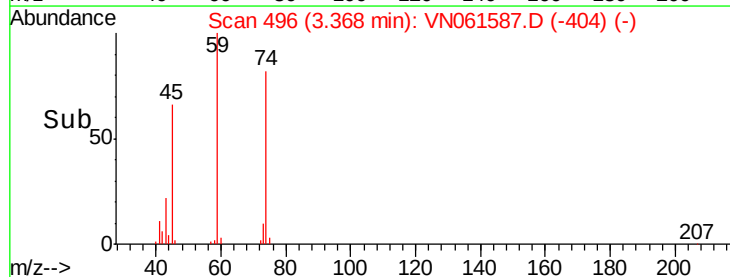
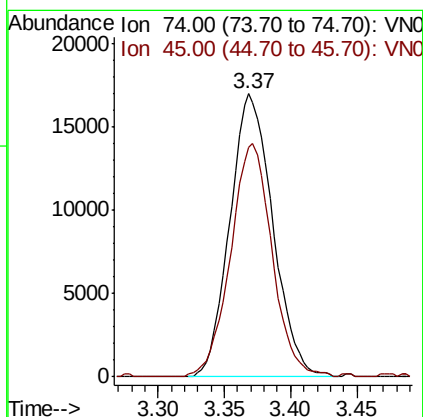
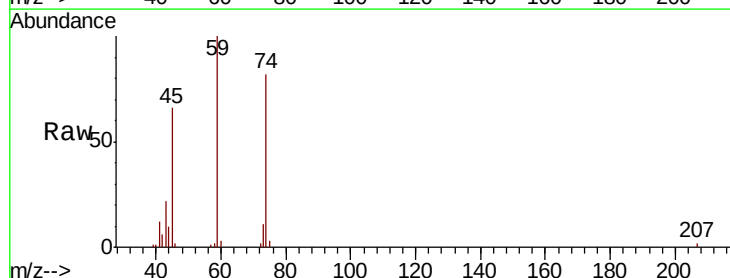
Tot Ion:101 Resp: 113458
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2

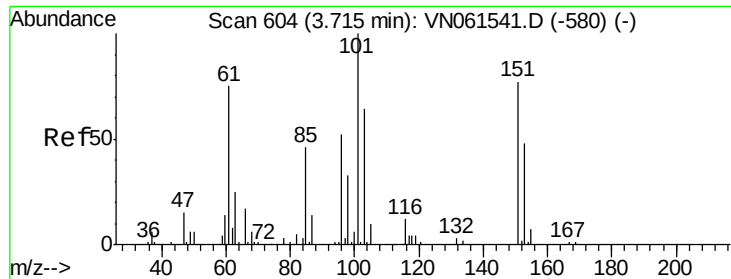


#8

Diethyl Ether
 Concen: 17.787 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 74 Resp: 38160
 Ion Ratio Lower Upper
 74 100
 45 79.8 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.685 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

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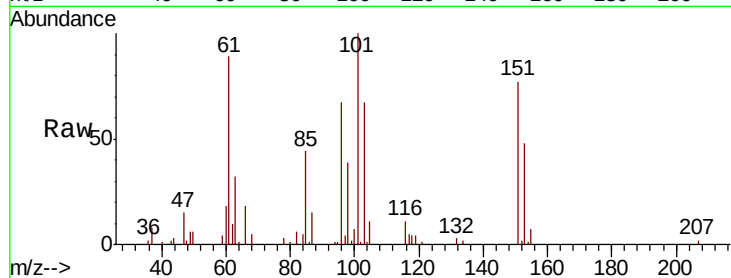
Tot Ion:101 Resp: 58174

Ion Ratio Lower Upper

101 100

85 43.8 35.2 52.8

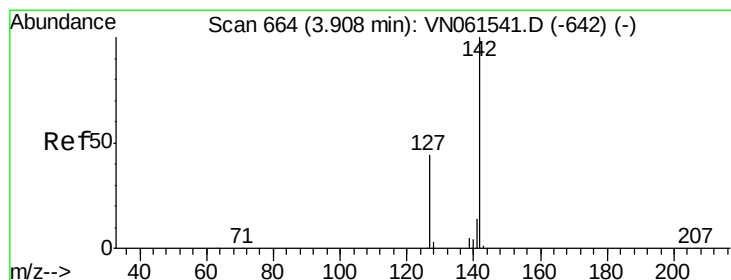
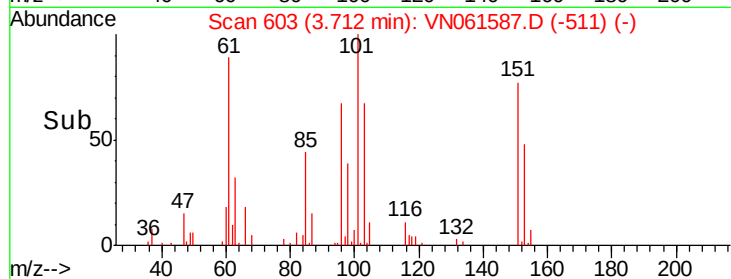
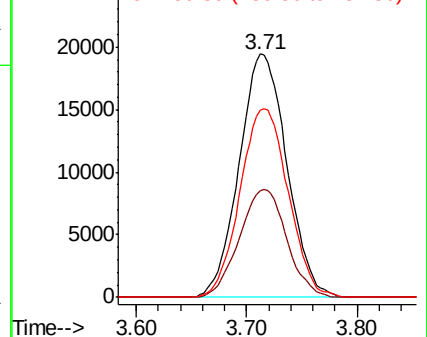
151 78.3 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.980 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

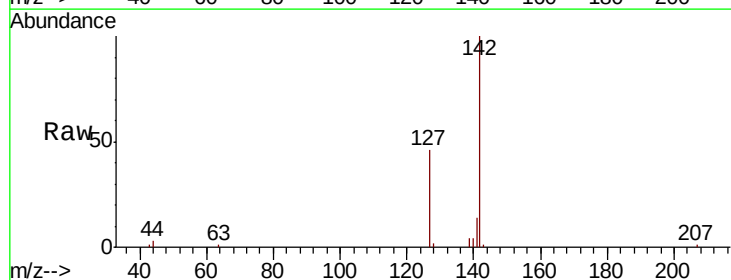
Tgt Ion:142 Resp: 77710

Ion Ratio Lower Upper

142 100

127 45.1 35.5 53.3

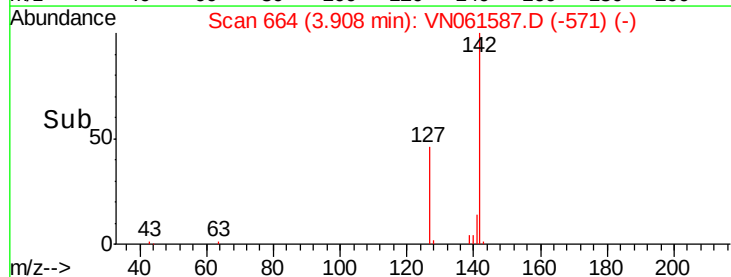
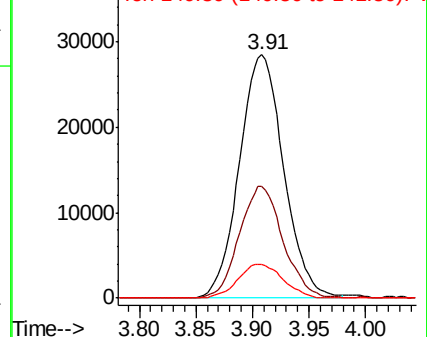
141 14.0 11.5 17.3

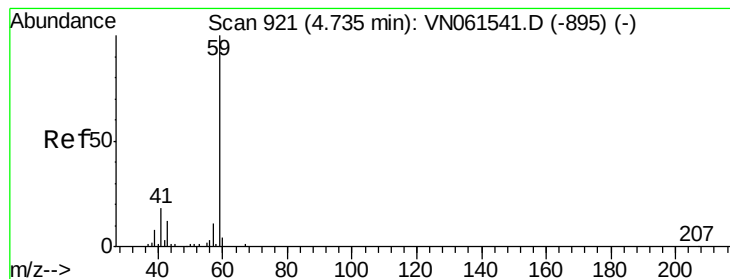


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.716 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.01 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

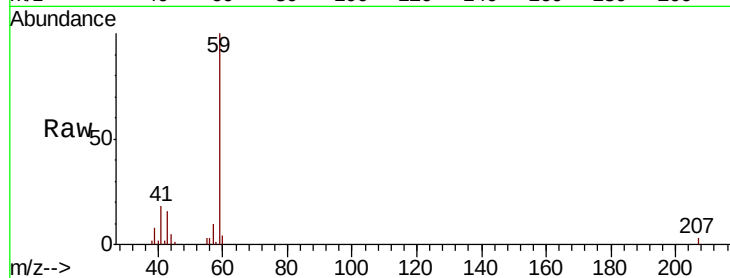
VN0601WBSD01

Tot Ion: 59 Resp: 48346

Ion Ratio Lower Upper

59 100

57 10.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN061587.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN061587.D (-828) (-)

4.72

15000

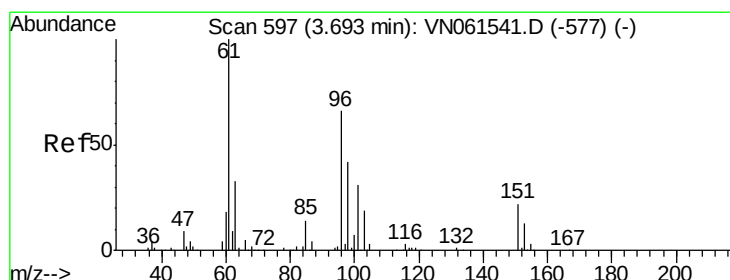
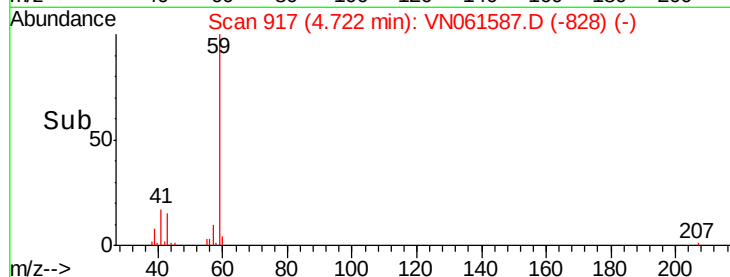
10000

5000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 17.347 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

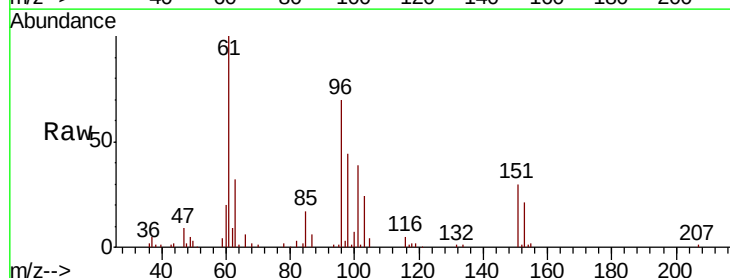
Tgt Ion: 96 Resp: 57702

Ion Ratio Lower Upper

96 100

61 143.6 120.5 180.7

98 62.7 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VN061587.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN061587.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN061587.D (-504) (-)

3.70

40000

30000

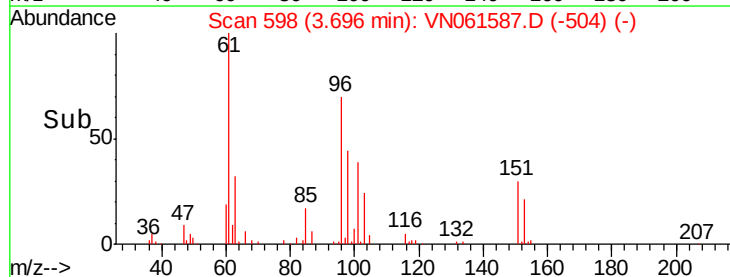
20000

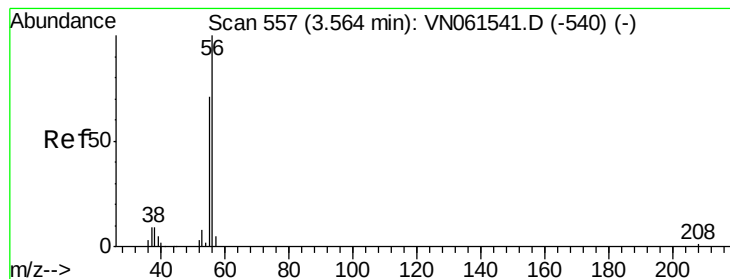
10000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 86.028 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

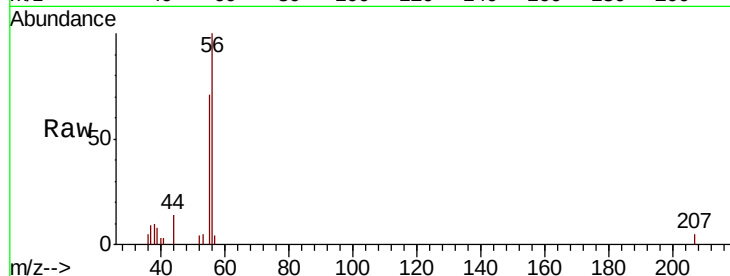
VN0601WBSD01

Tot Ion: 56 Resp: 15860

Ion Ratio Lower Upper

56 100

55 73.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)

3.56

6000

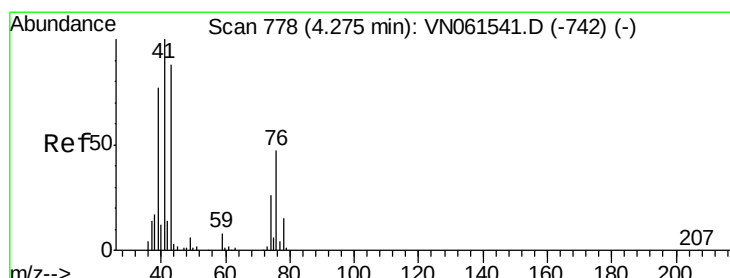
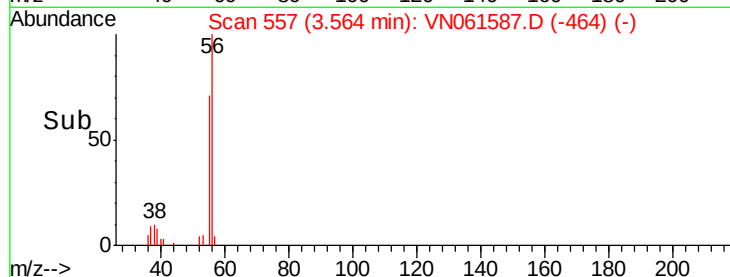
4000

2000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 17.650 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

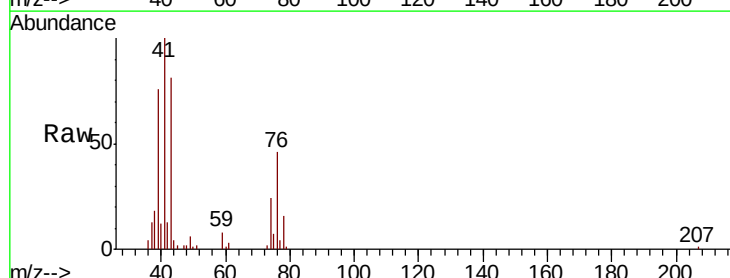
Tgt Ion: 41 Resp: 76753

Ion Ratio Lower Upper

41 100

39 71.8 58.6 88.0

76 42.6 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

4.27

30000

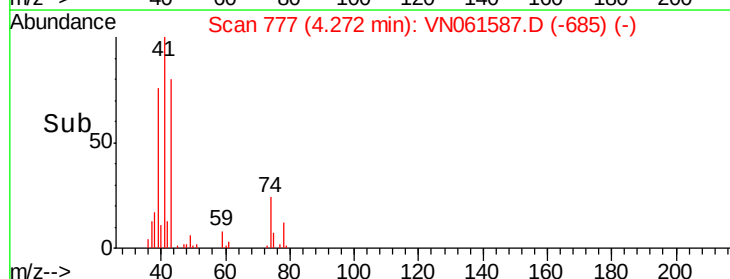
20000

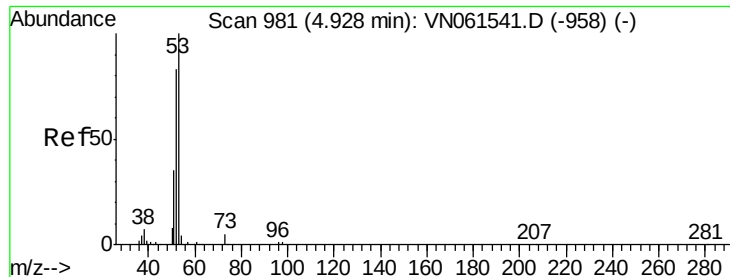
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 87.442 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

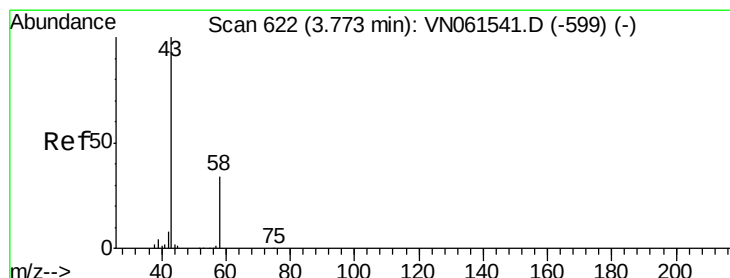
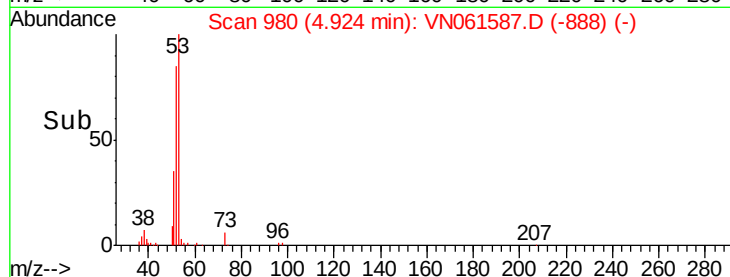
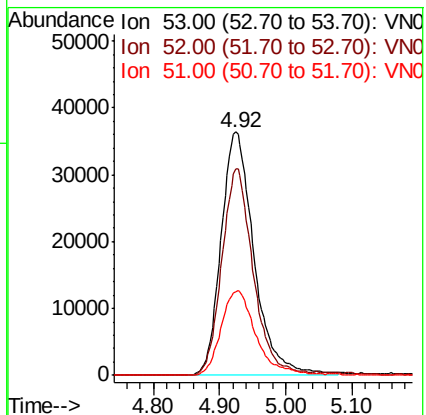
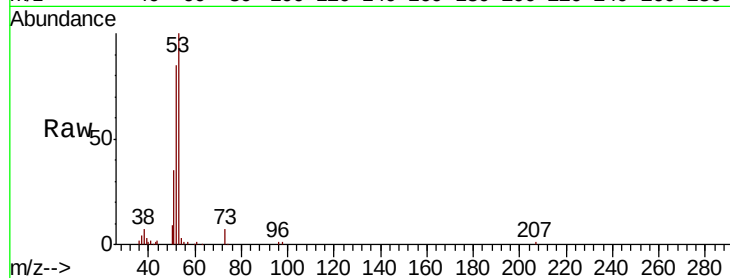
Tot Ion: 53 Resp: 125910

Ion Ratio Lower Upper

53 100

52 80.6 65.4 98.2

51 36.6 29.0 43.6



#16

Acetone

Concen: 91.530 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061587.D

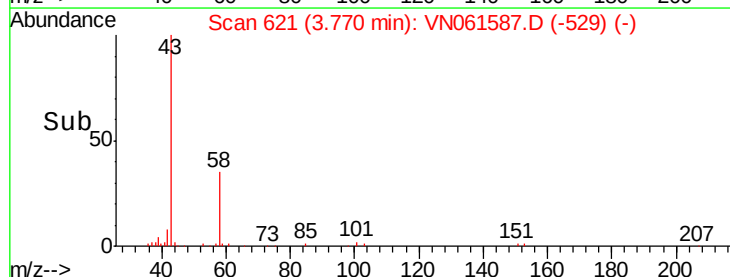
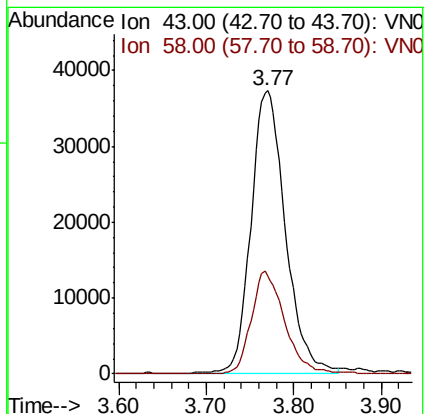
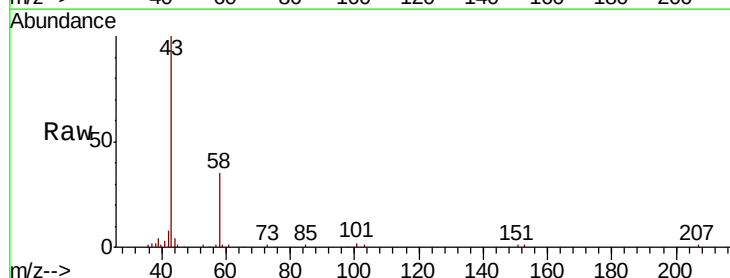
Acq: 1 Jun 2020 12:17

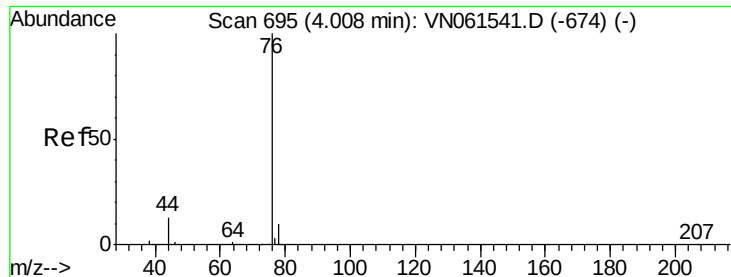
Tgt Ion: 43 Resp: 102037

Ion Ratio Lower Upper

43 100

58 34.5 27.2 40.8





#17

Carbon Disulfide

Concen: 21.229 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

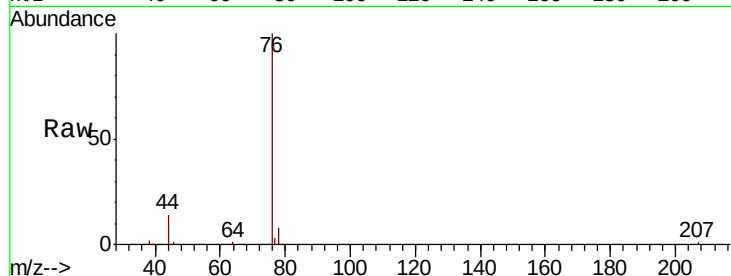
VN0601WBSD01

Tot Ion: 76 Resp: 155358

Ion Ratio Lower Upper

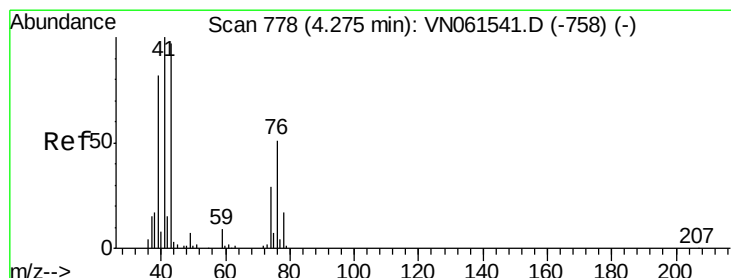
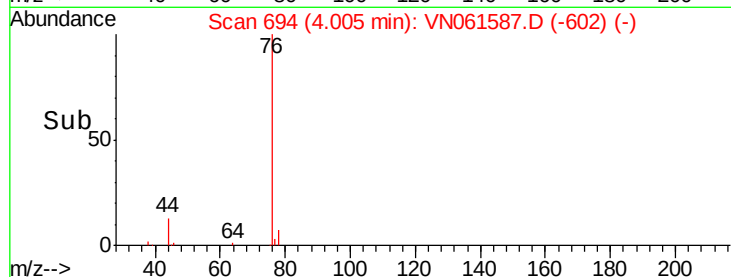
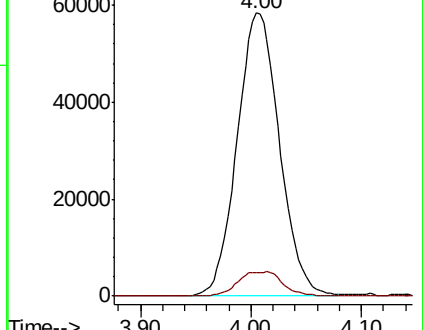
76 100

78 8.3 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN061541.D (-674) (-)



#18

Methyl Acetate

Concen: 17.062 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061587.D

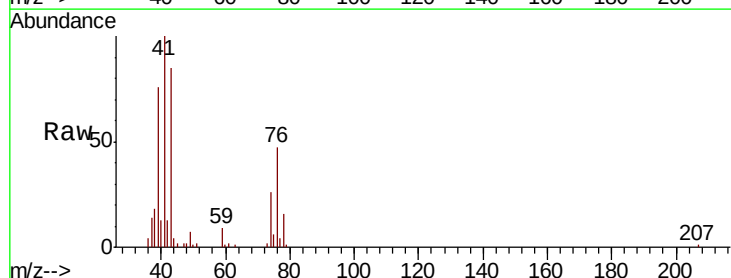
Acq: 1 Jun 2020 12:17

Tgt Ion: 43 Resp: 59905

Ion Ratio Lower Upper

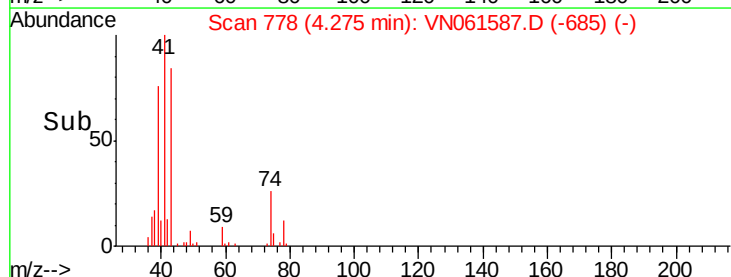
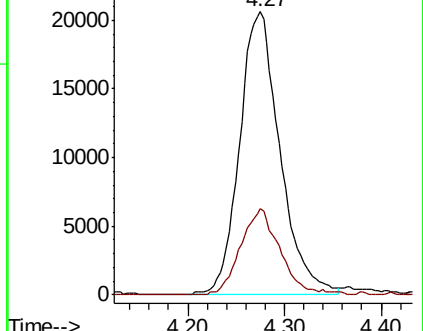
43 100

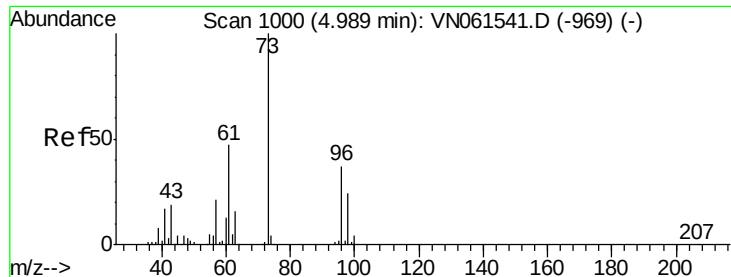
74 29.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN061541.D (-758) (-)

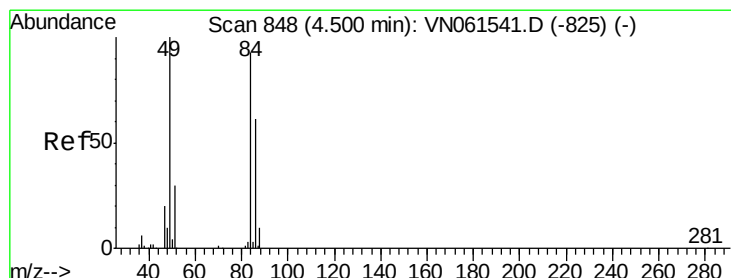
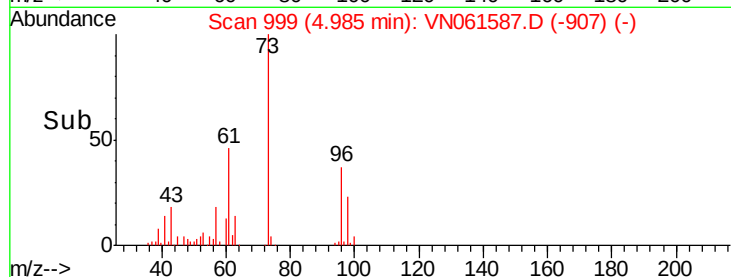
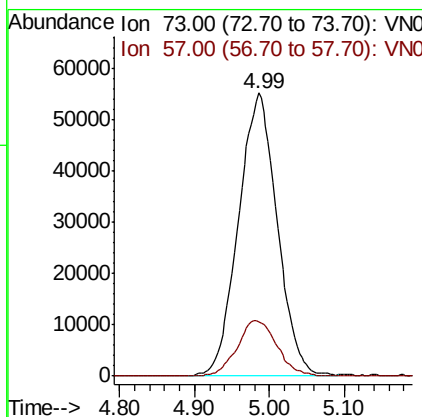
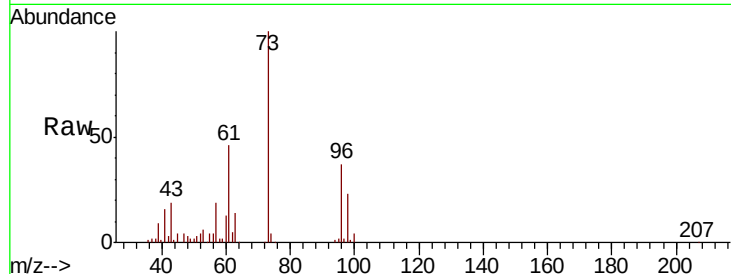




#19
Methvl tert-butyl Ether
Concen: 17.523 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

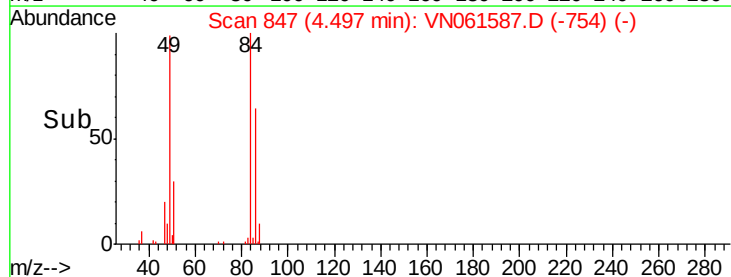
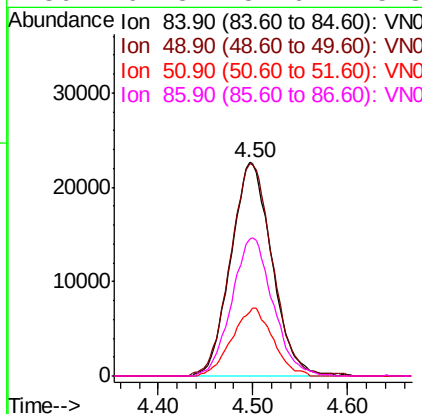
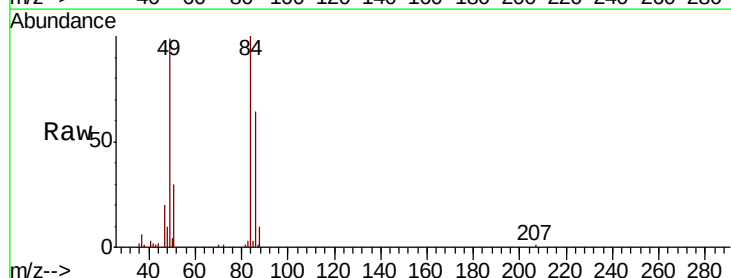
Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

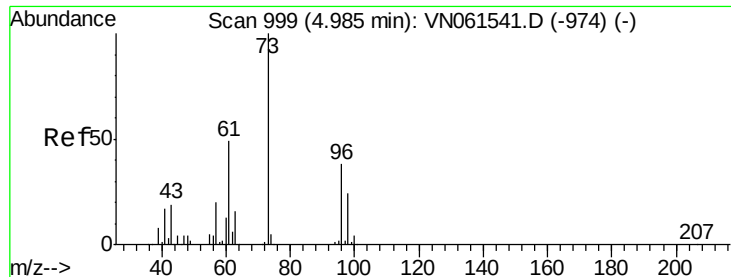
Tot Ion: 73 Resp: 198652
Ion Ratio Lower Upper
73 100
57 19.1 16.4 24.6



#20
Methylene Chloride
Concen: 18.253 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 84 Resp: 68240
Ion Ratio Lower Upper
84 100
49 99.2 85.8 128.8
51 29.9 26.2 39.2
86 64.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.480 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

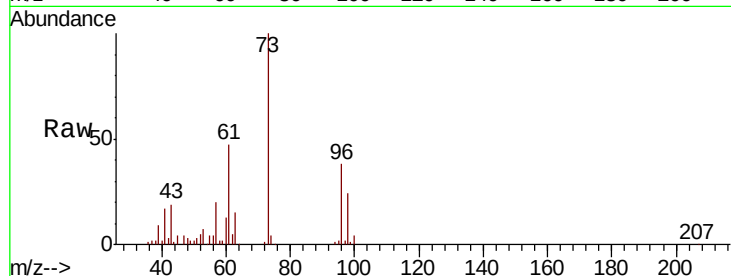
Tot Ion: 96 Resp: 65571

Ion Ratio Lower Upper

96 100

61 123.0 101.4 152.0

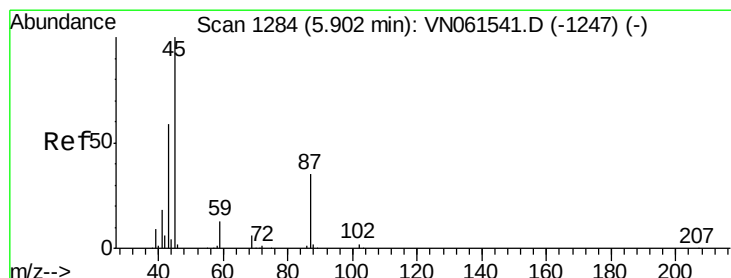
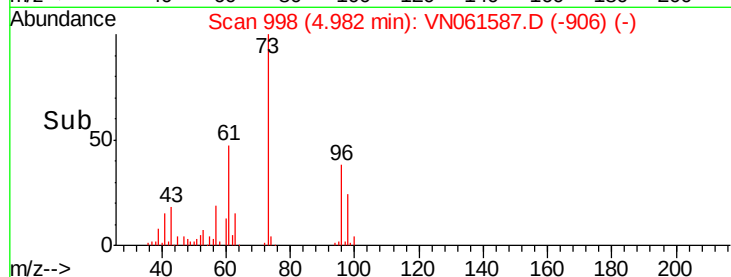
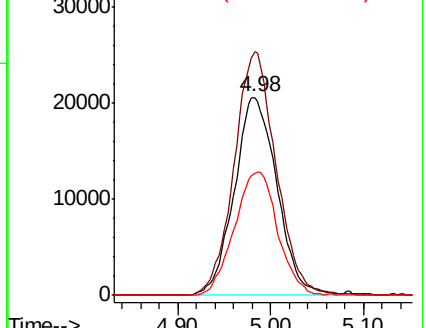
98 61.4 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061587.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061587.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061587.D (-906) (-)



#22

Diisopropyl ether

Concen: 17.841 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion: 45 Resp: 170999

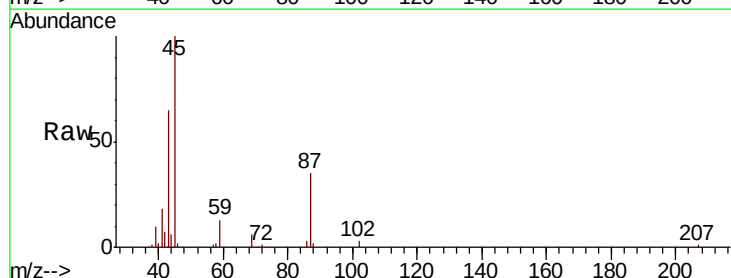
Ion Ratio Lower Upper

45 100

43 63.2 47.9 71.9

87 34.8 28.4 42.6

59 12.5 10.5 15.7

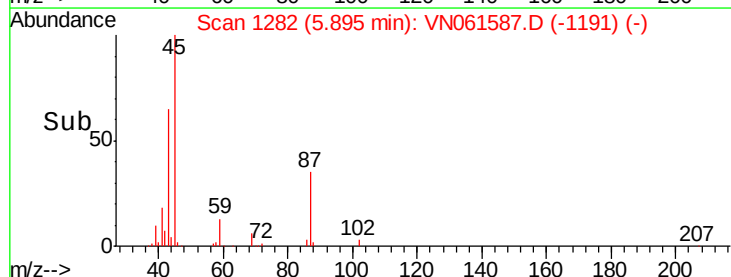
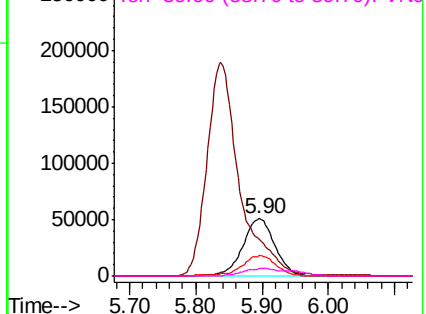


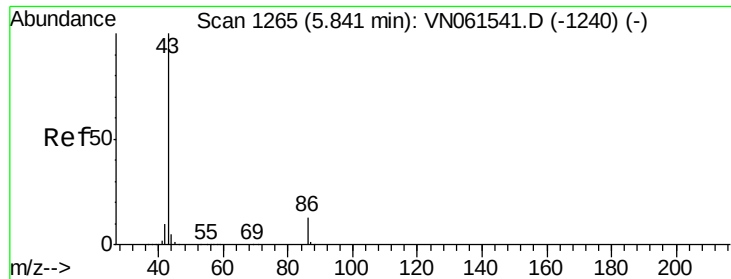
Abundance Ion 45.00 (44.70 to 45.70): VN061587.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061587.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061587.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061587.D (-1191) (-)

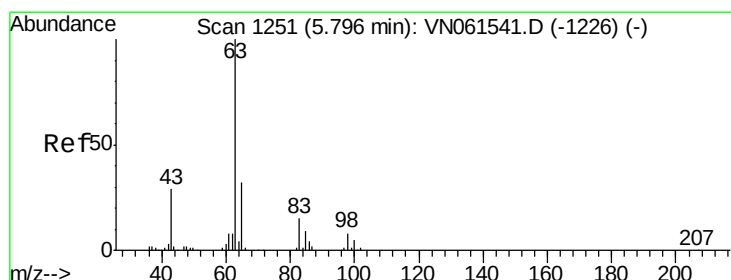
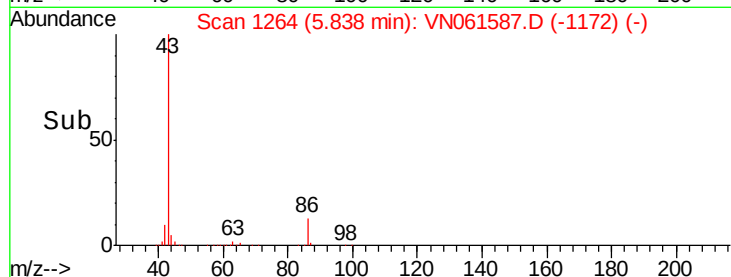
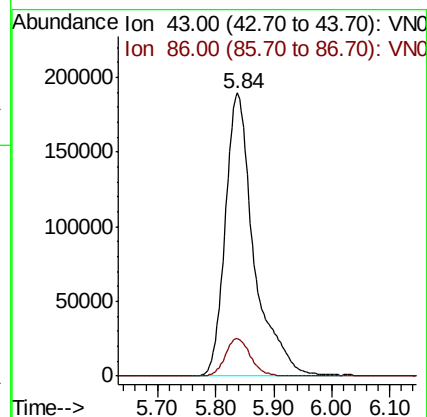
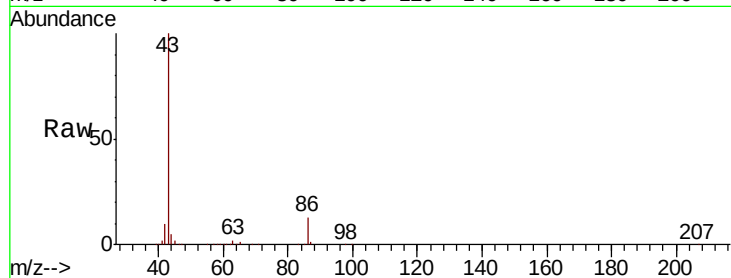




#23
 Vinyl Acetate
 Concen: 85.220 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

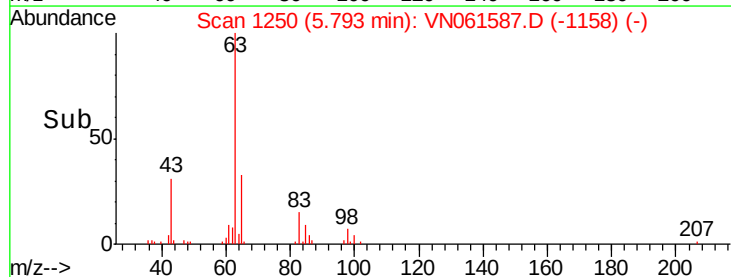
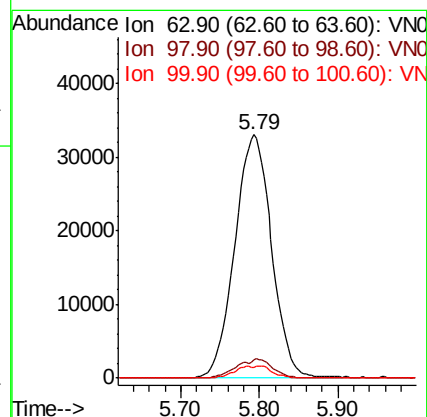
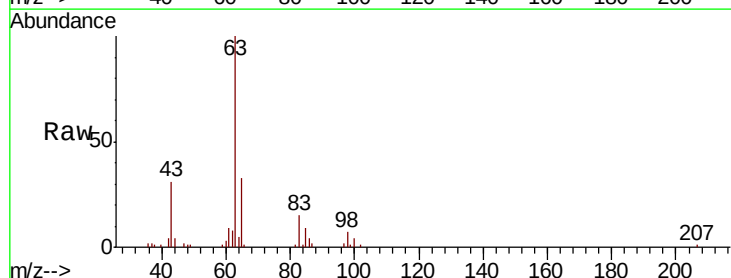
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

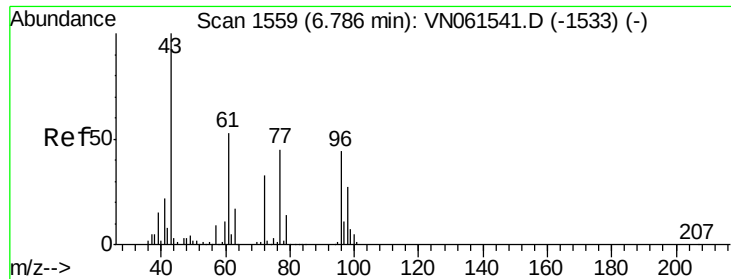
Tot Ion: 43 Resp: 651005
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.768 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 63 Resp: 107988
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.4 2.5 7.6

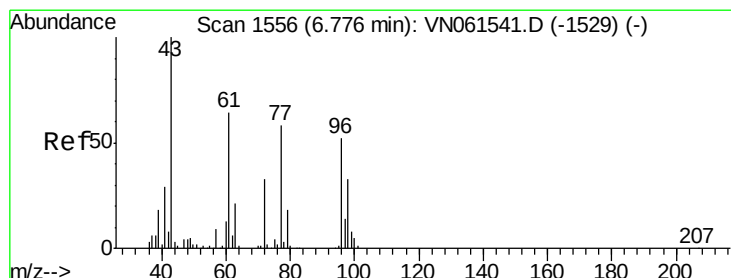
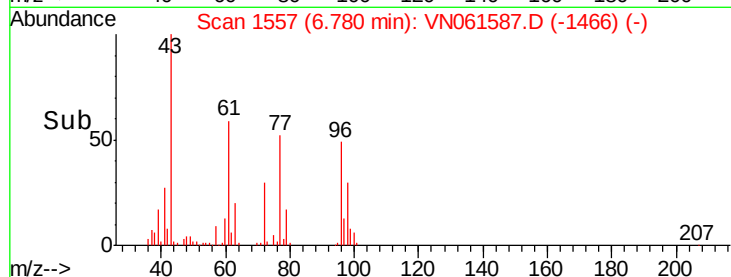
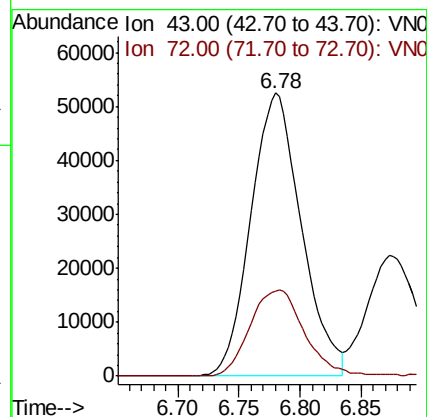
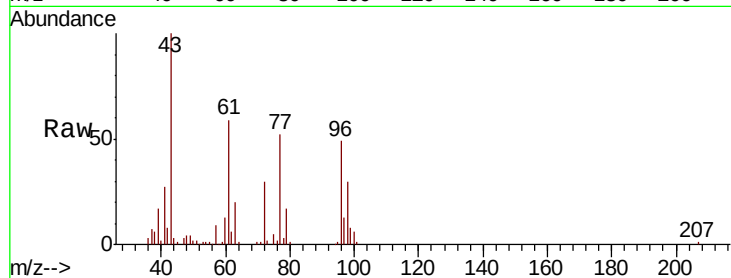




#25
2-Butanone
Concen: 82.167 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

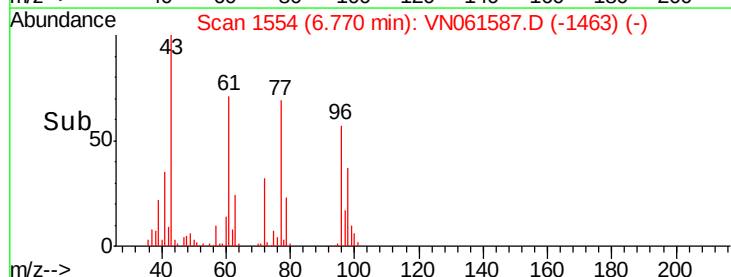
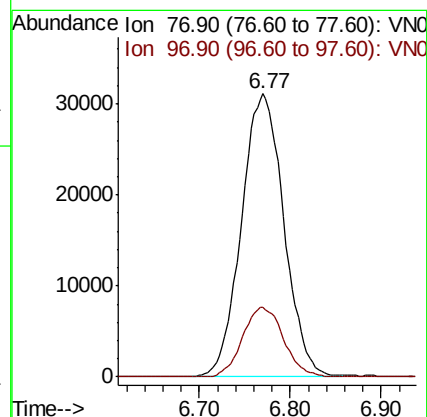
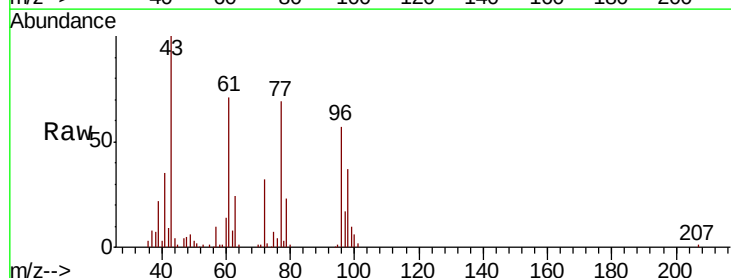
Instrument :
MSVOA_N
ClientSampled :
VN0601WBSD01

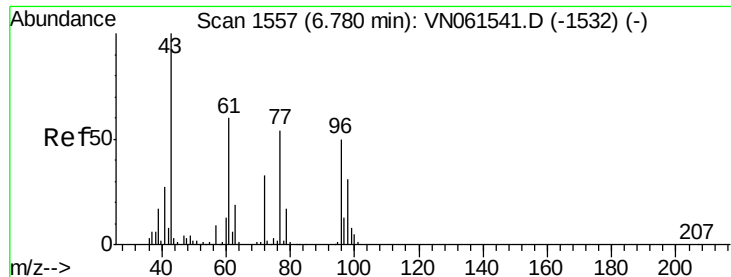
Tot Ion: 43 Resp: 151032
Ion Ratio Lower Upper
43 100
72 30.2 26.0 39.0



#26
2,2-Dichloropropane
Concen: 18.111 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 77 Resp: 100748
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.325 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

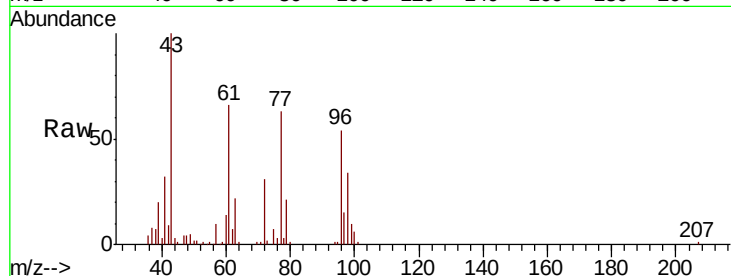
Tot Ion: 96 Resp: 77838

Ion Ratio Lower Upper

96 100

61 125.2 0.0 252.2

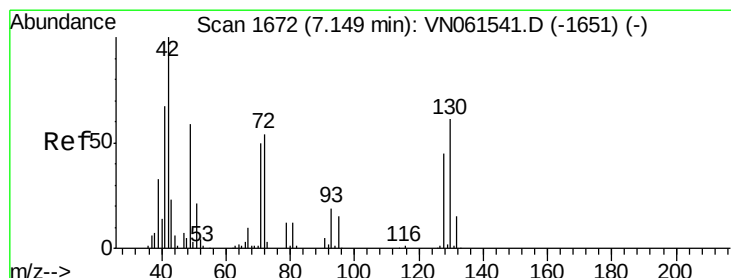
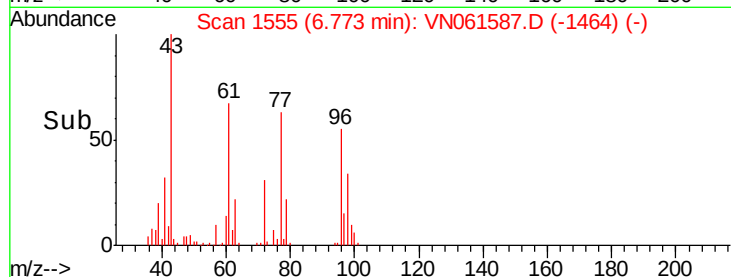
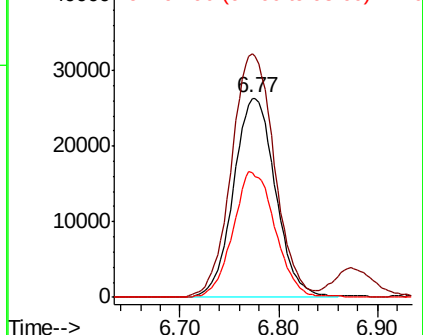
98 63.3 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061587.D (-1532) (-)

Ion 60.90 (60.60 to 61.60): VN061587.D (-1532) (-)

Ion 97.90 (97.60 to 98.60): VN061587.D (-1532) (-)



#28

Bromochloromethane

Concen: 20.141 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

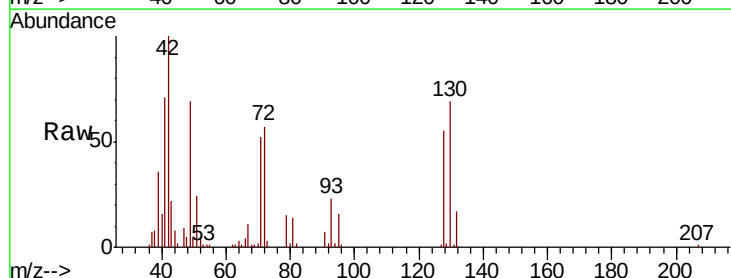
Tgt Ion: 49 Resp: 47855

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

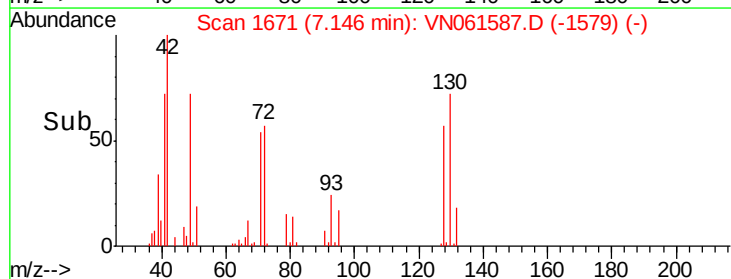
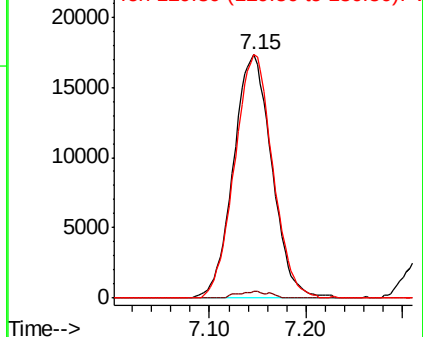
130 99.0 78.8 118.2

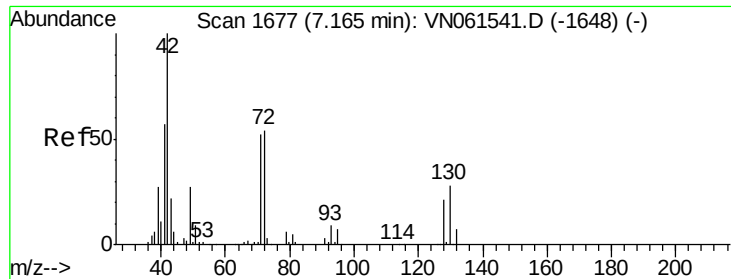


Abundance Ion 48.90 (48.60 to 49.60): VN061587.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061587.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061587.D (-1579) (-)

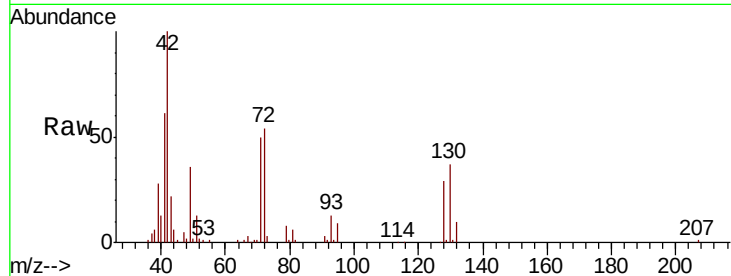




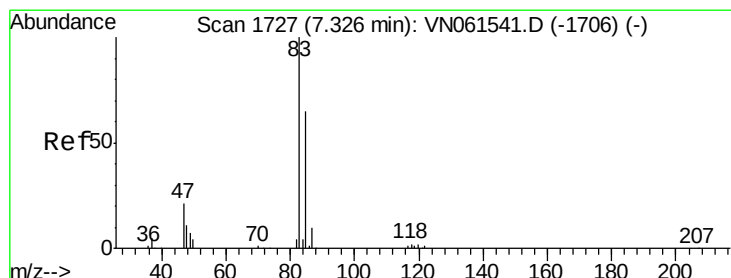
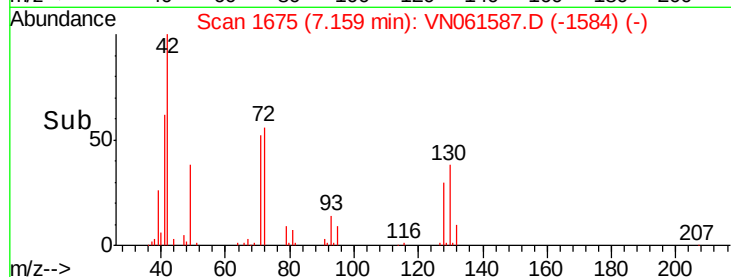
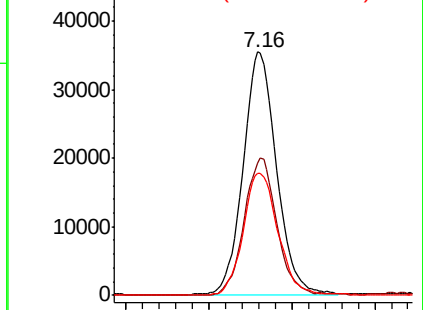
#29
Tetrahydrofuran
Concen: 82.397 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion: 42 Resp: 99872
Ion Ratio Lower Upper
42 100
72 54.6 43.6 65.4
71 51.6 41.2 61.8

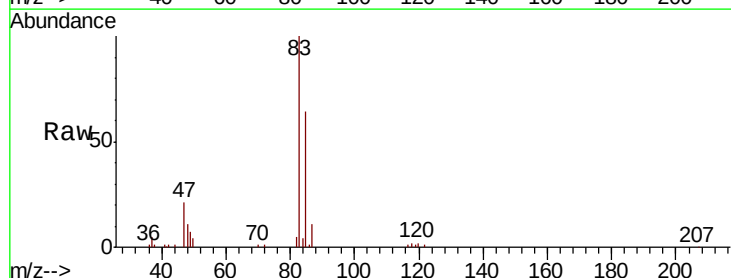


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

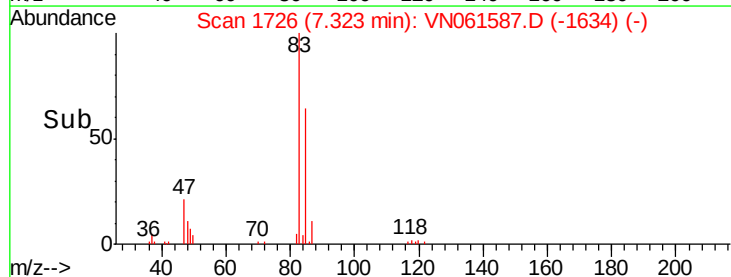
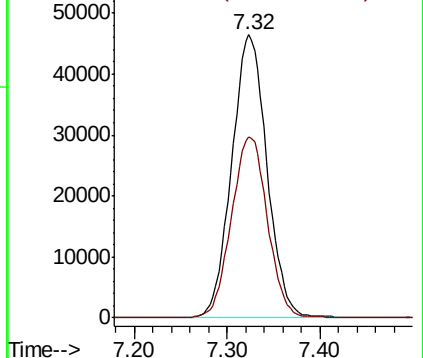


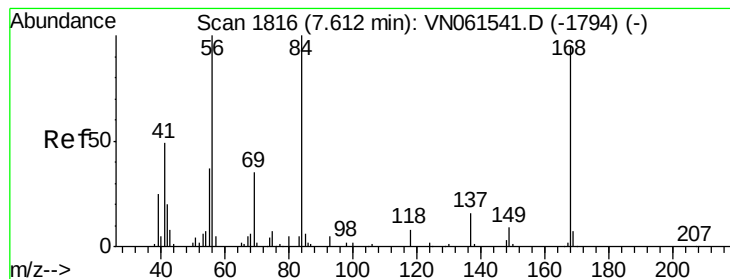
#30
Chloroform
Concen: 18.213 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 83 Resp: 122462
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.404 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

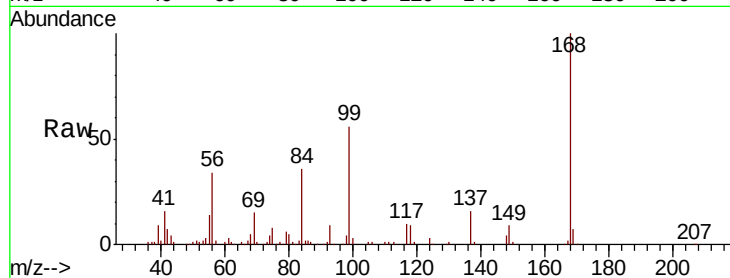
Tot Ion: 56 Resp: 95129

Ion Ratio Lower Upper

56 100

69 43.7 27.8 41.8#

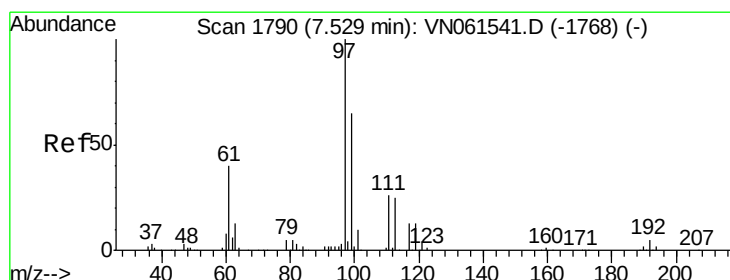
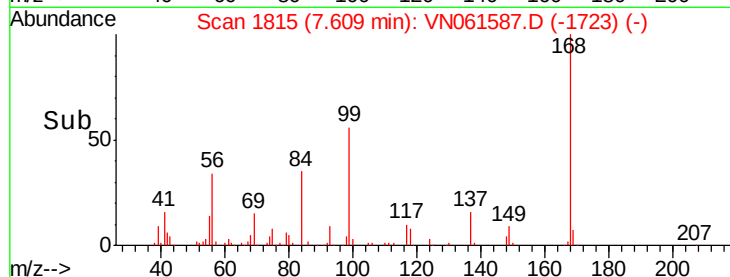
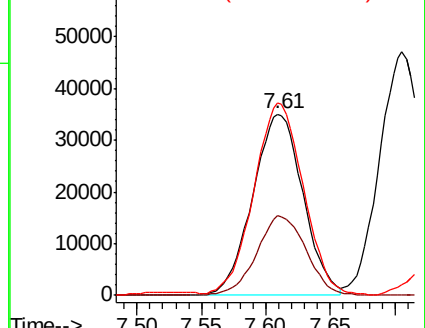
84 104.8 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061587.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061587.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061587.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 17.717 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

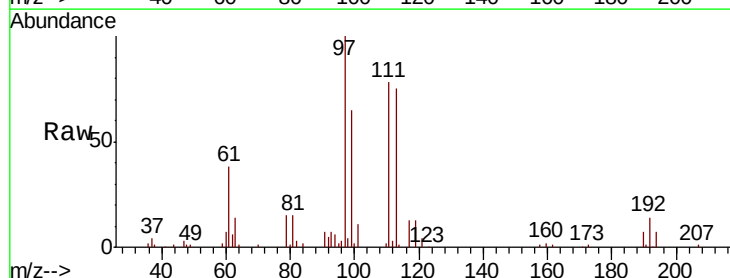
Tgt Ion: 97 Resp: 108546

Ion Ratio Lower Upper

97 100

99 65.6 51.4 77.0

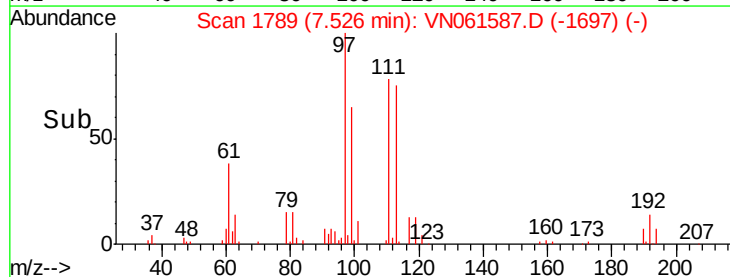
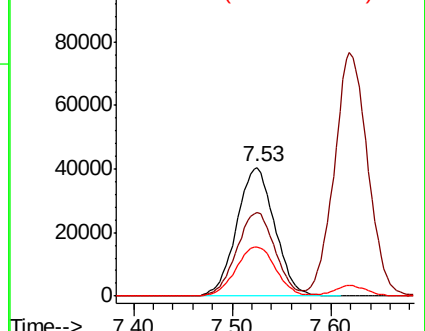
61 40.1 31.4 47.0

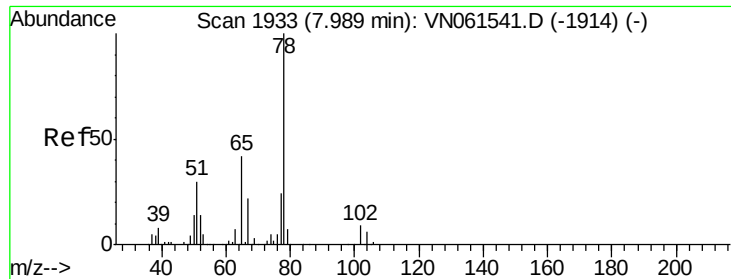


Abundance Ion 96.90 (96.60 to 97.60): VN061587.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061587.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061587.D (-1697) (-)

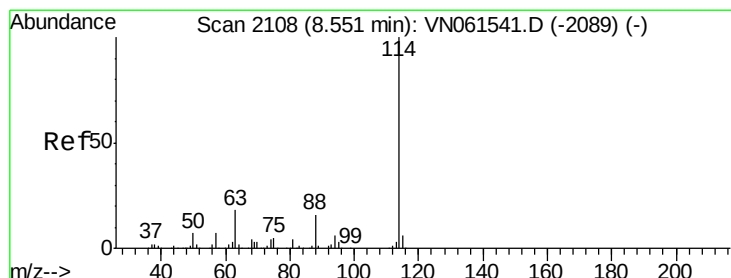
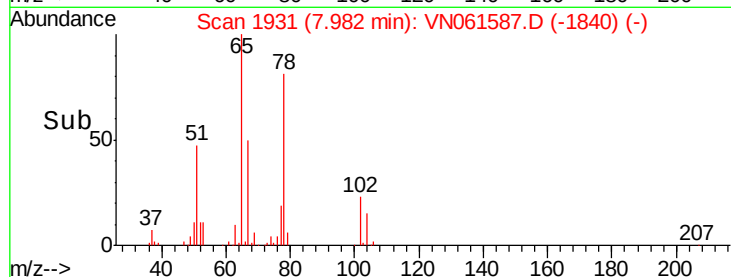
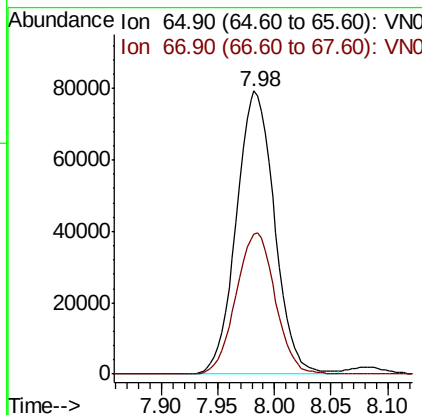
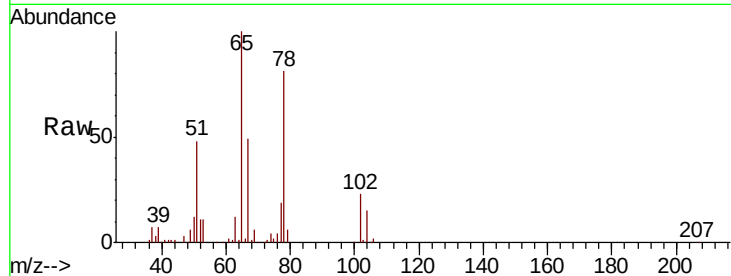




#33
 1,2-Dichloroethane-d4
 Concen: 48.100 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

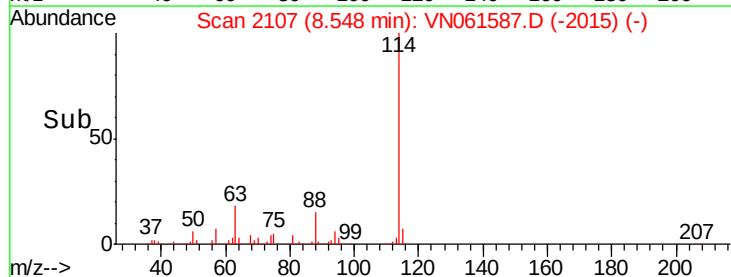
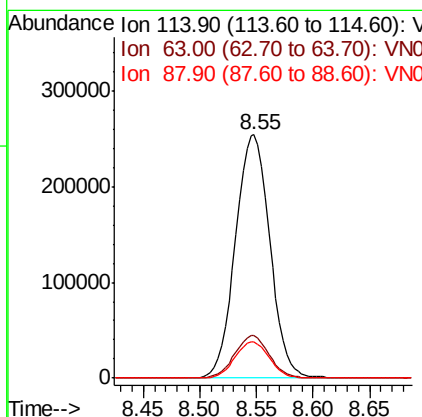
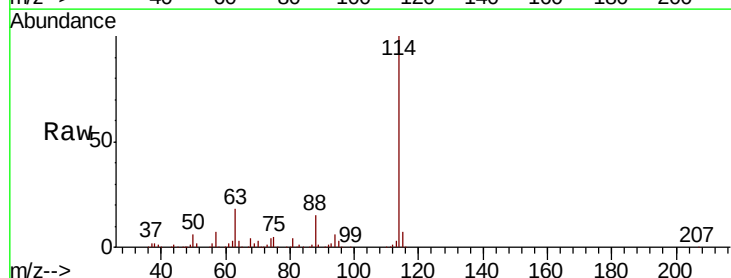
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

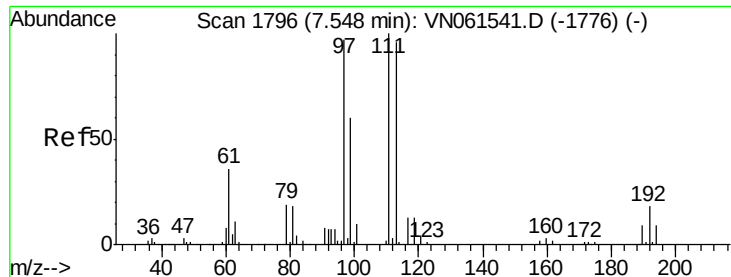
Tot Ion: 65 Resp: 186551
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 114 Resp: 540895
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 14.8 0.0 31.0

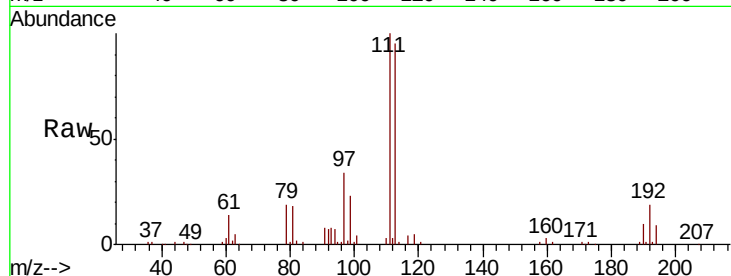




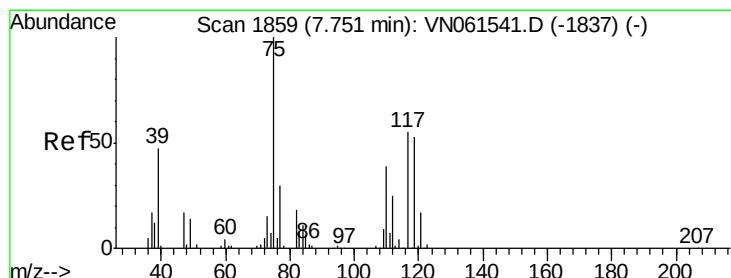
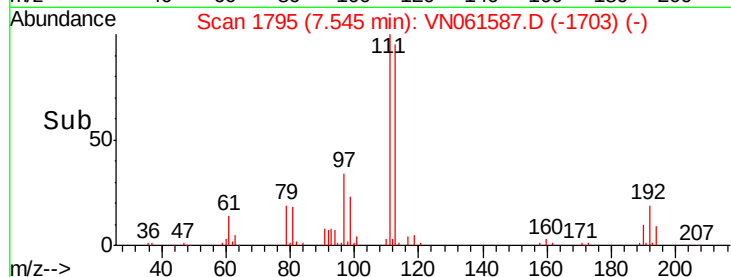
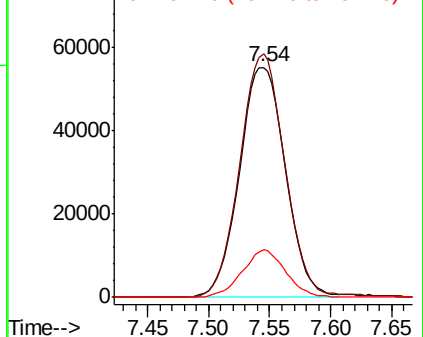
#35
 Dibromofluoromethane
 Concen: 52.503 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.0
192	19.5	15.4	23.2

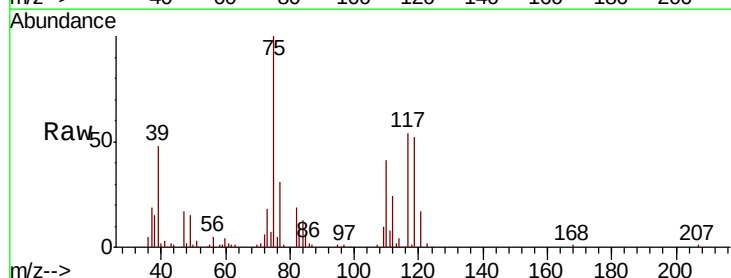


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

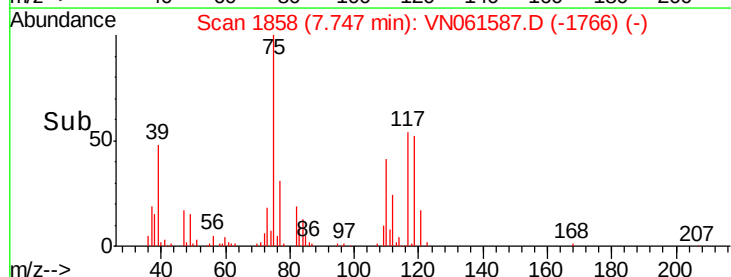
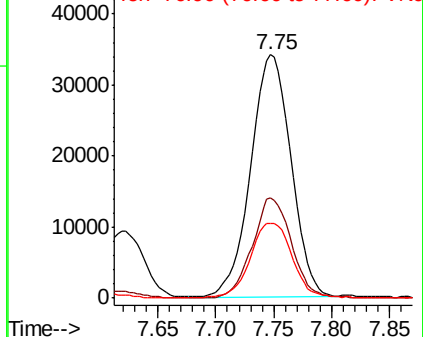


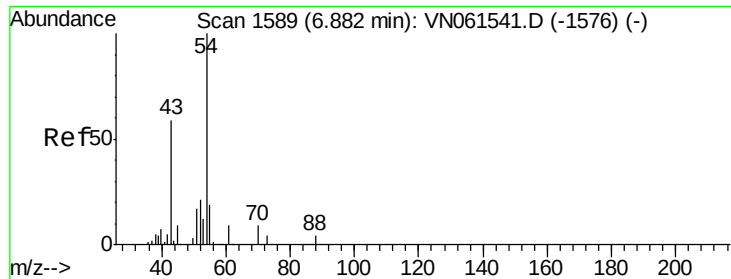
#36
 1,1-Dichloropropene
 Concen: 17.292 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.1	19.5	58.5
77	32.2	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

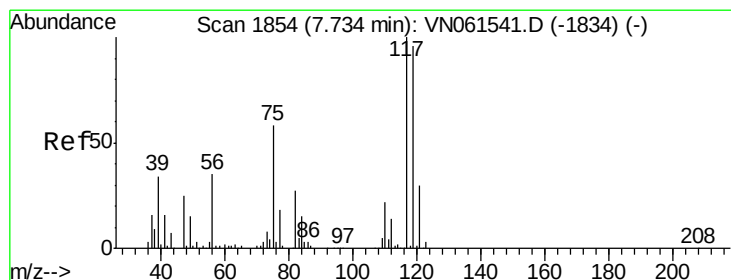
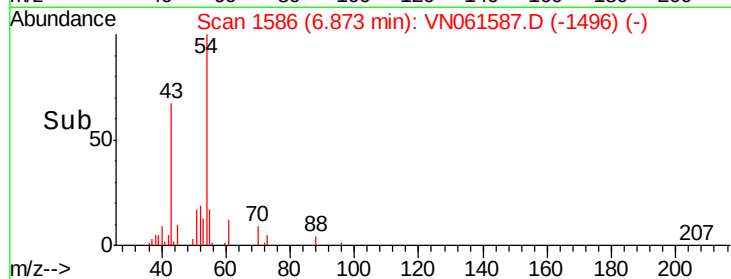
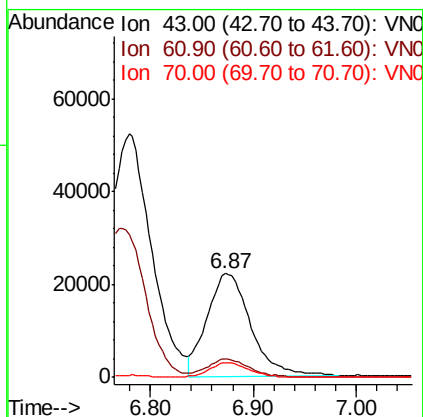
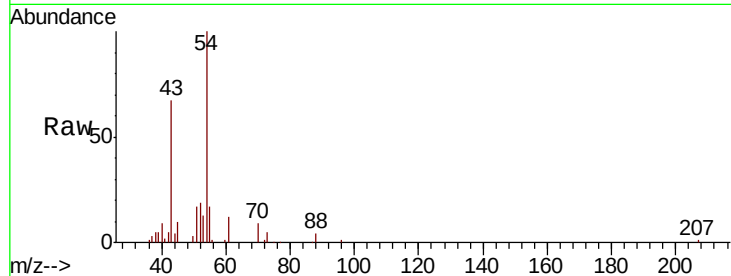




#37
Ethyl Acetate
Concen: 16.953 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

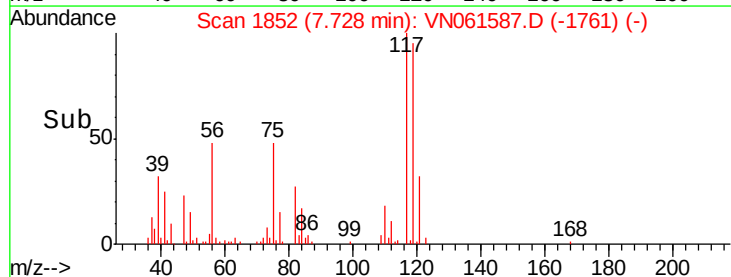
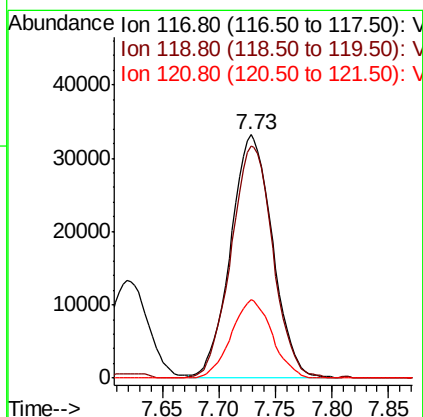
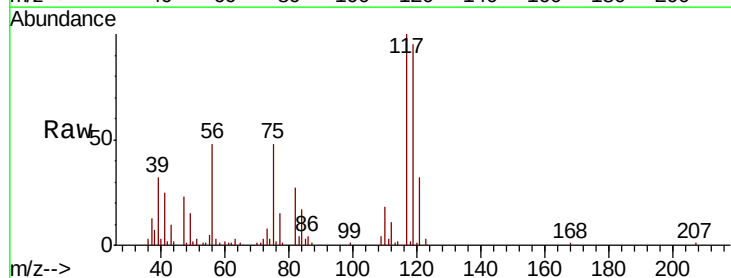
Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

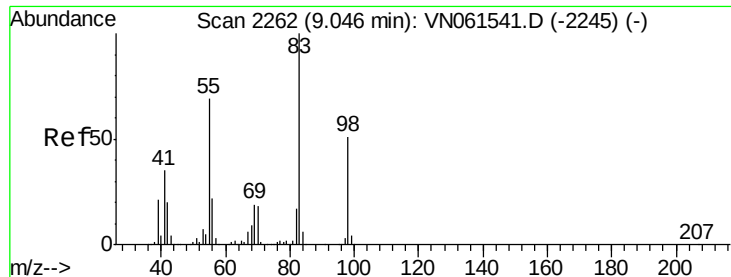
Tot Ion: 43 Resp: 65384
Ion Ratio Lower Upper
43 100
61 17.4 12.2 18.4
70 13.0 9.4 14.2



#38
Carbon Tetrachloride
Concen: 18.536 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 117 Resp: 85612
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
121 32.0 24.1 36.1

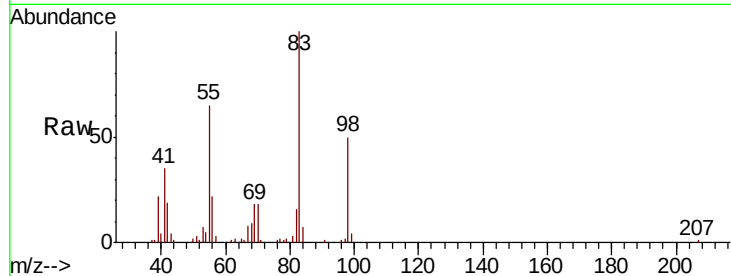




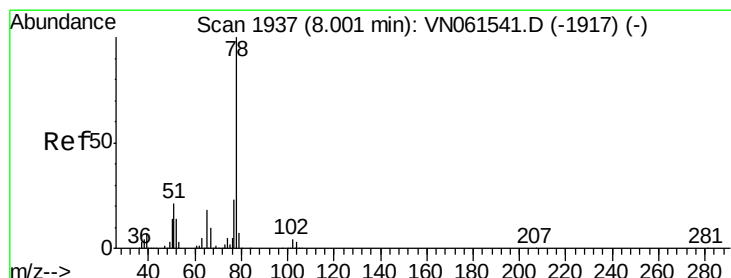
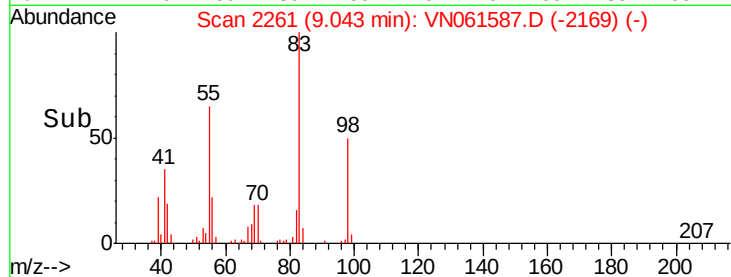
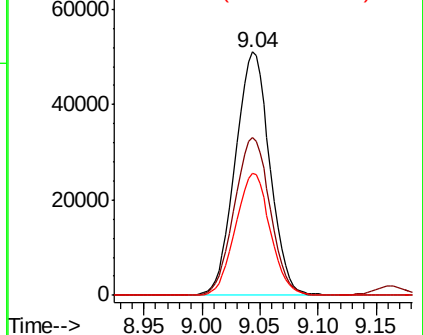
#39
Methylvlcyclohexane
Concen: 17.921 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion: 83 Resp: 105768
Ion Ratio Lower Upper
83 100
55 65.0 54.9 82.3
98 50.2 41.0 61.4

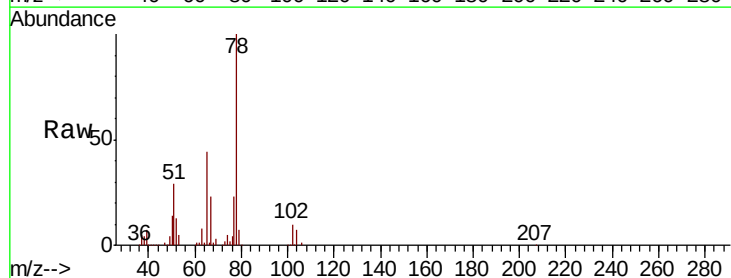


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

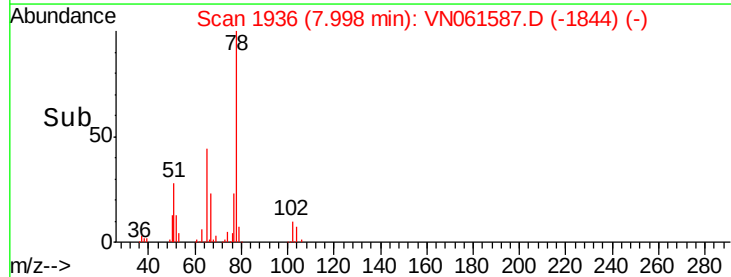
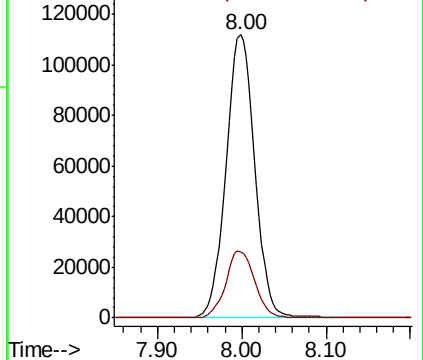


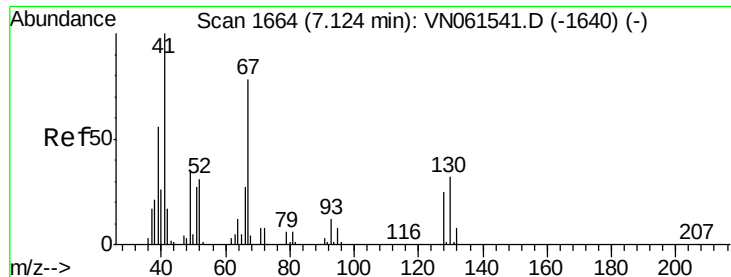
#40
Benzene
Concen: 17.948 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 78 Resp: 265166
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

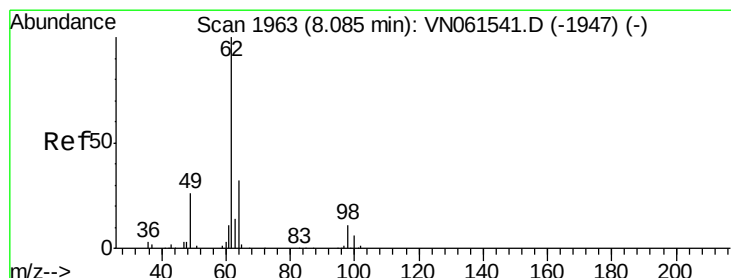
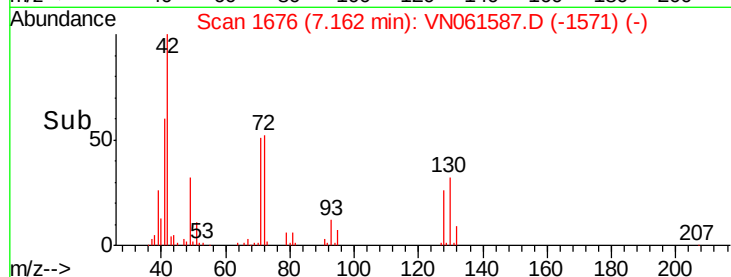
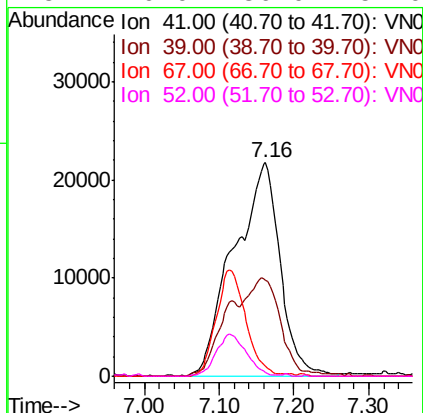
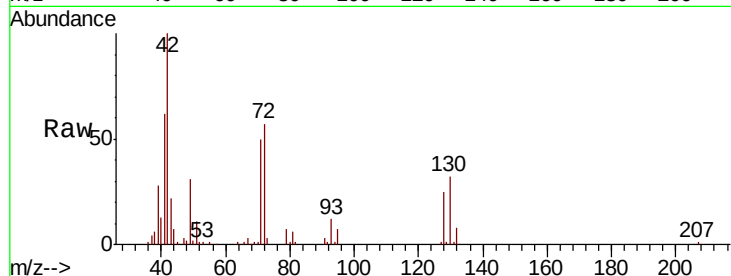




#41
Methacrylonitrile
Concen: 52.917 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

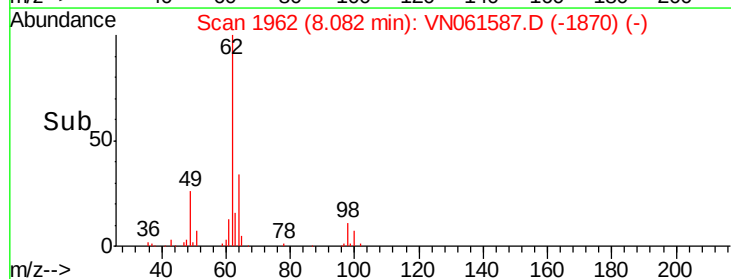
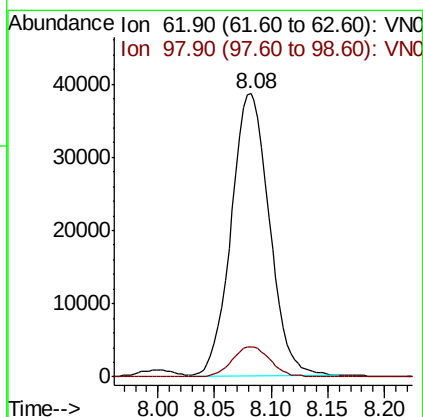
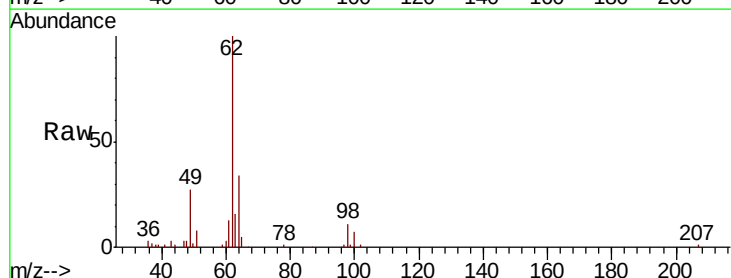
Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

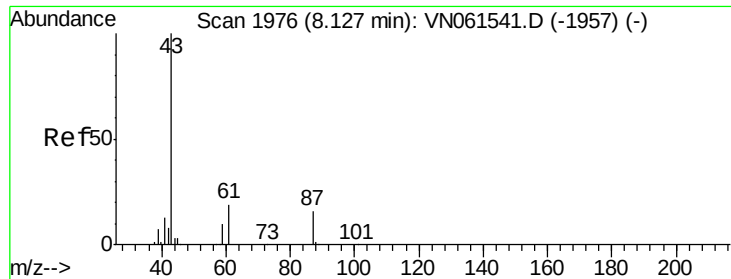
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#



#42
1,2-Dichloroethane
Concen: 18.314 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4

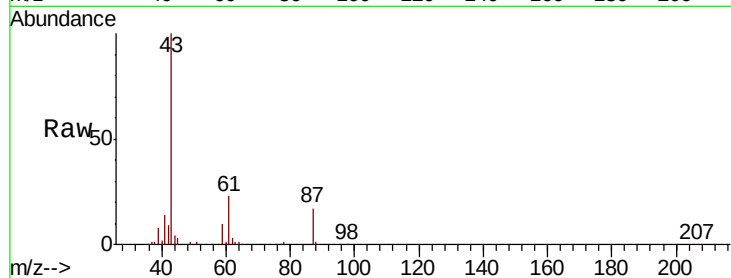




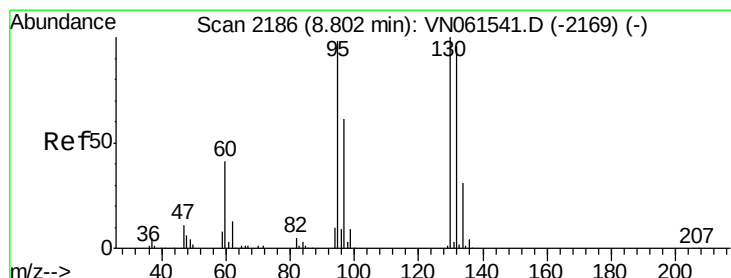
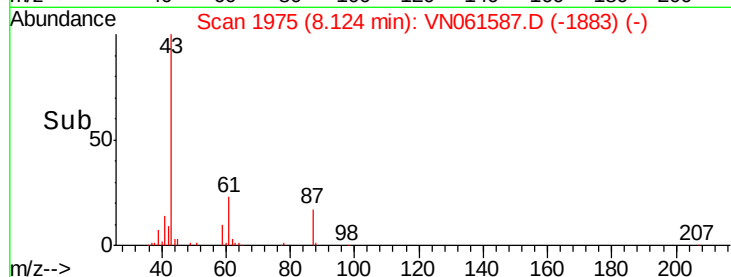
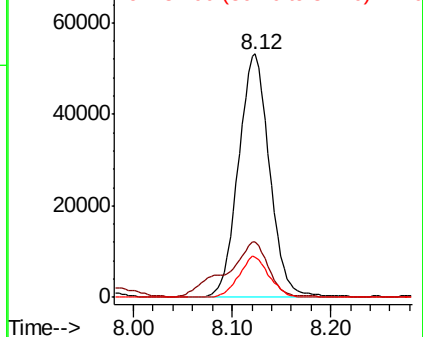
#43
Isopropyl Acetate
Concen: 16.762 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampled :
VN0601WBSD01

Tot Ion: 43 Resp: 116302
Ion Ratio Lower Upper
43 100
61 31.0 23.6 35.4
87 16.4 13.0 19.6

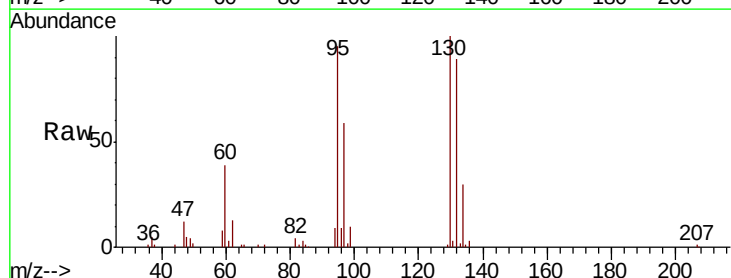


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

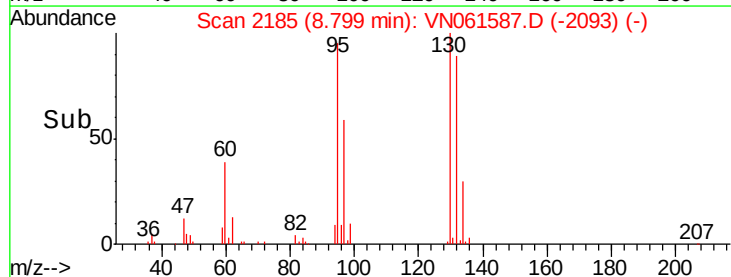
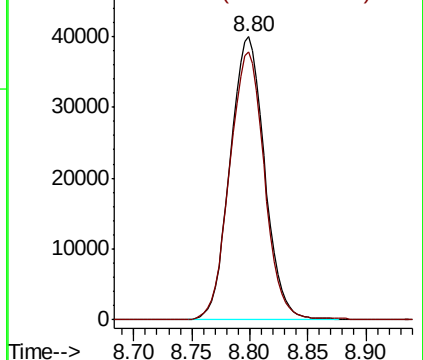


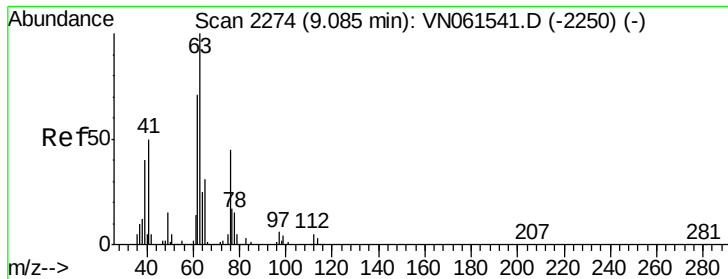
#44
Trichloroethene
Concen: 18.141 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion:130 Resp: 82370
Ion Ratio Lower Upper
130 100
95 94.6 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

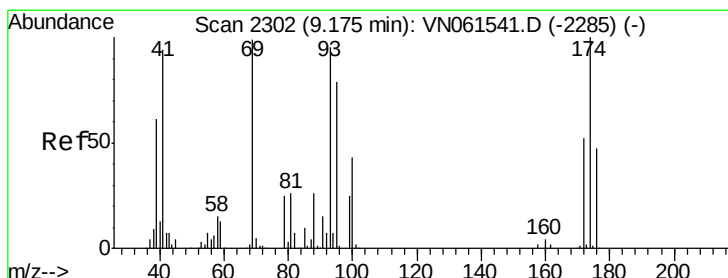
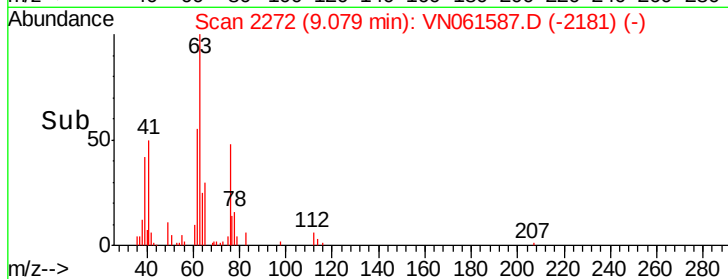
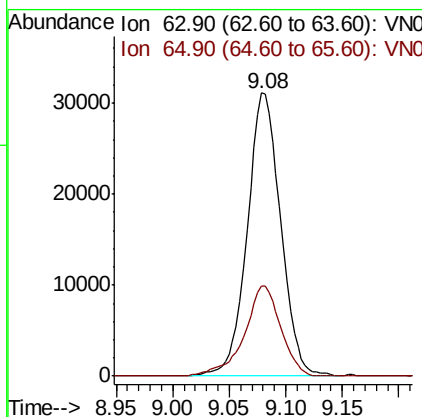
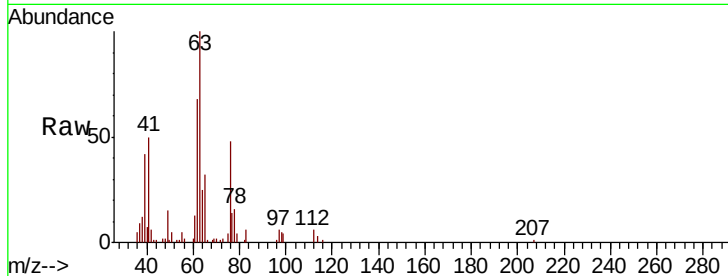




#45
 1,2-Dichloropropane
 Concen: 18.215 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

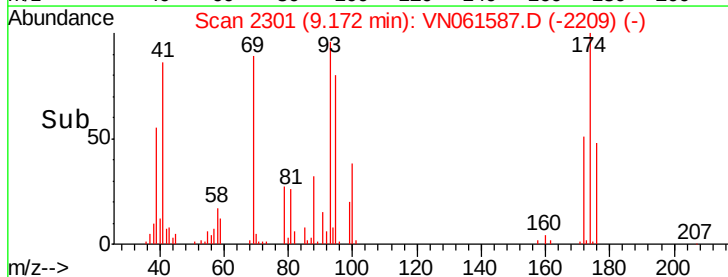
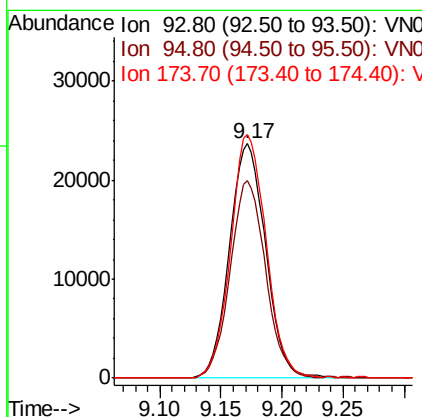
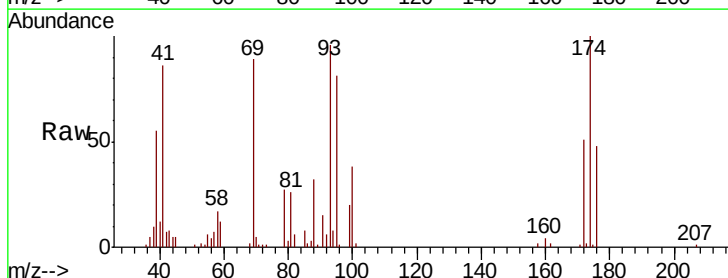
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

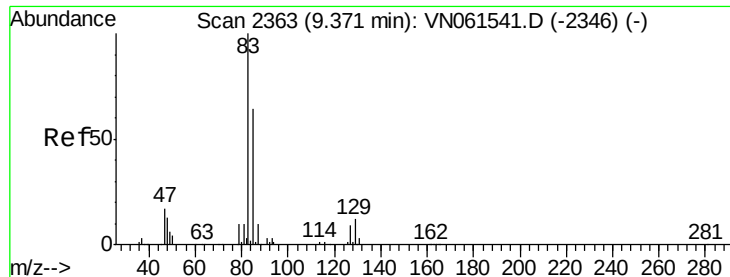
Tot Ion: 63 Resp: 63902
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1



#46
 Dibromomethane
 Concen: 18.160 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 93 Resp: 48860
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.0 99.0
 174 101.5 82.5 123.7





#47

Bromodichloromethane

Concen: 18.621 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

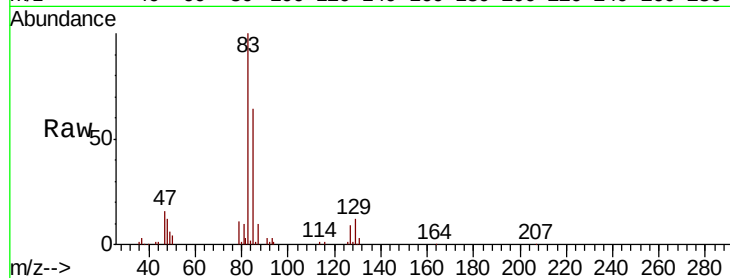
Tot Ion: 83 Resp: 99264

Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7

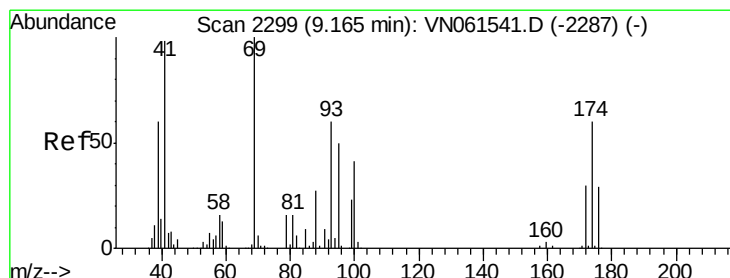
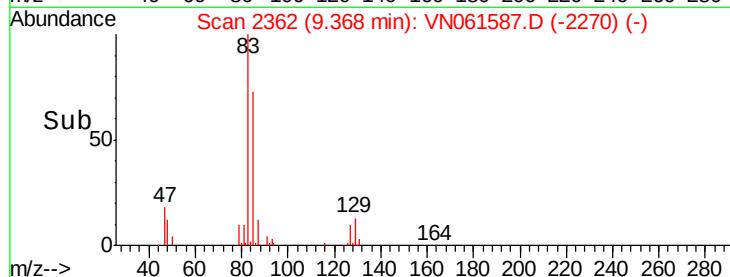
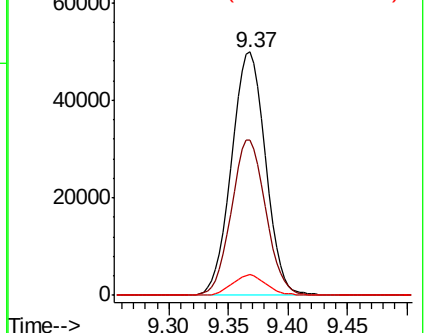
127 8.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061587.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061587.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061587.D (-2270) (-)



#48

Methyl methacrylate

Concen: 15.821 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

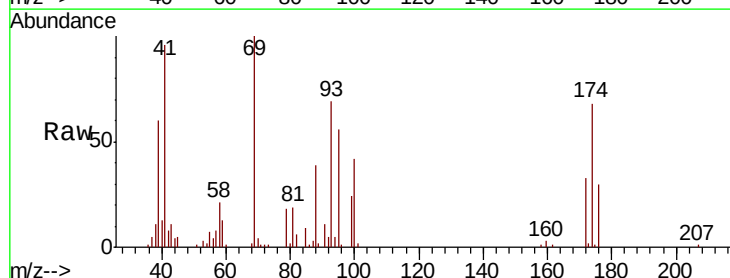
Tgt Ion: 41 Resp: 49390

Ion Ratio Lower Upper

41 100

69 107.7 83.9 125.9

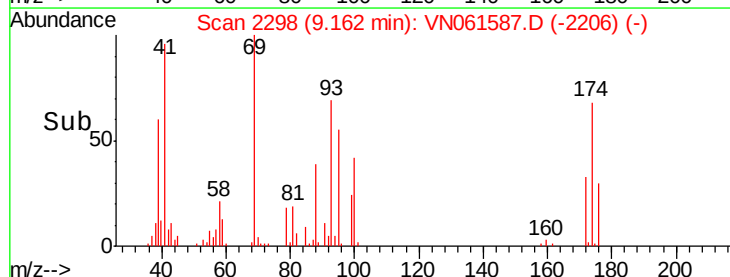
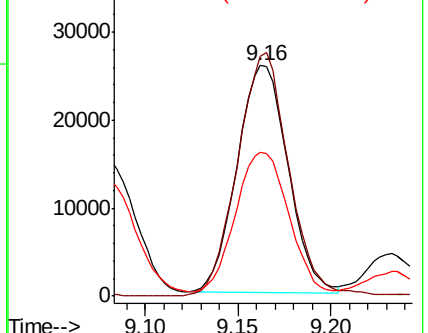
39 66.2 52.1 78.1

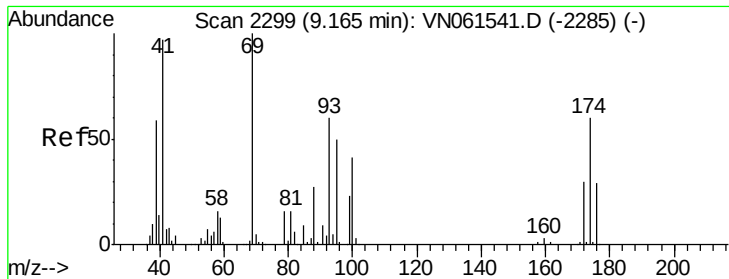


Abundance Ion 41.00 (40.70 to 41.70): VN061587.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061587.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061587.D (-2206) (-)

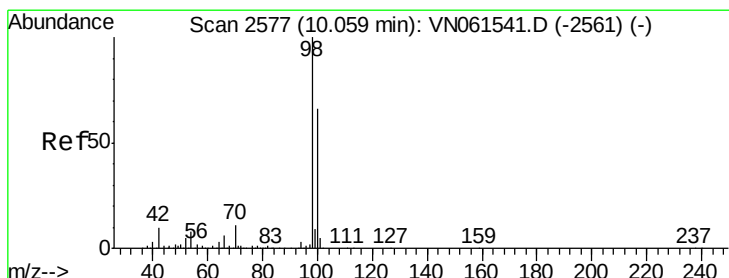
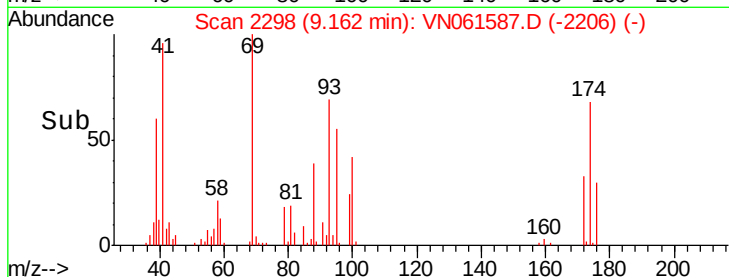
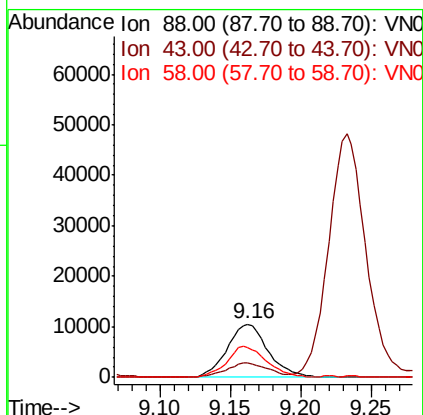
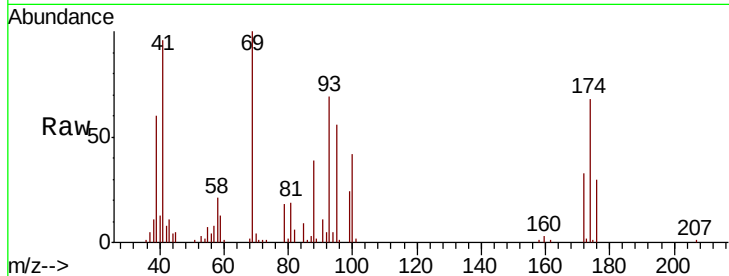




#49
 1,4-Dioxane
 Concen: 439.976 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

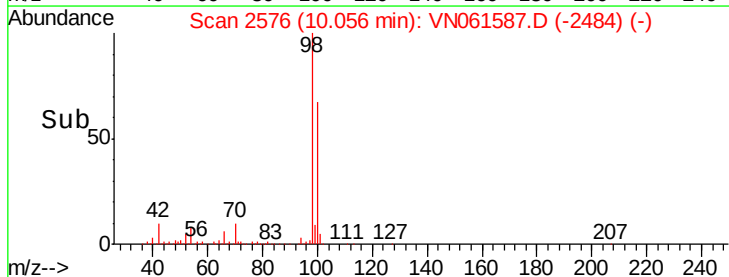
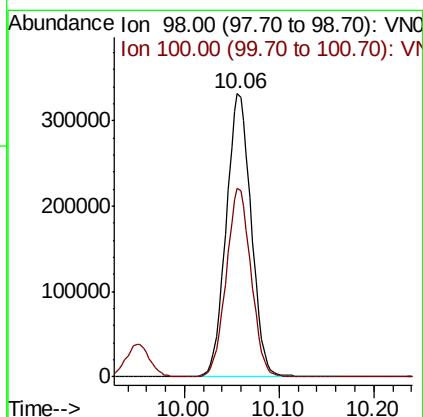
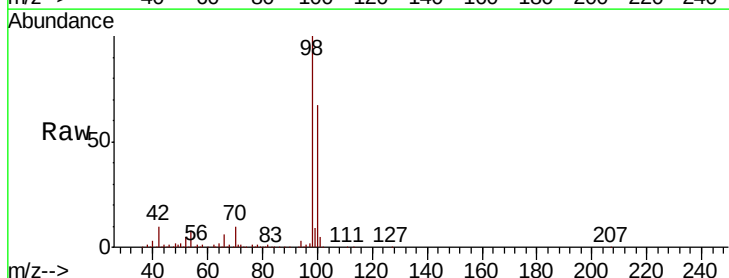
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

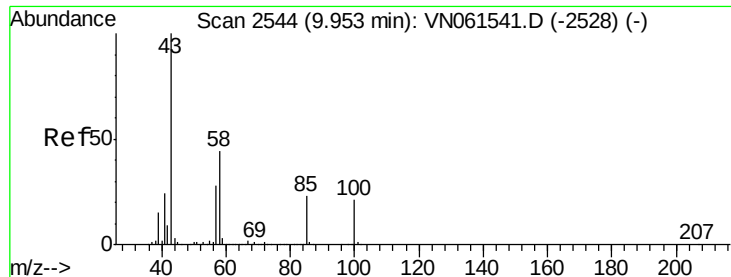
Tot Ion: 88 Resp: 21278
 Ion Ratio Lower Upper
 88 100
 43 25.1 23.1 34.7
 58 56.9 48.3 72.5



#50
 Toluene-d8
 Concen: 47.876 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 98 Resp: 608767
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.8 79.2

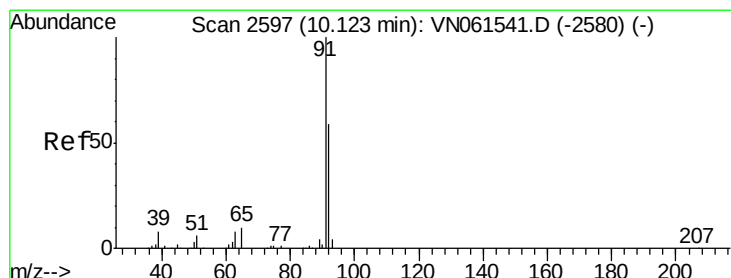
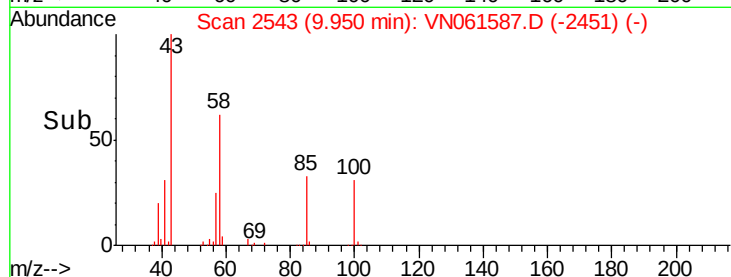
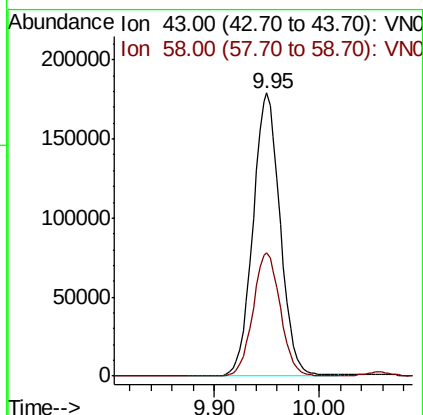
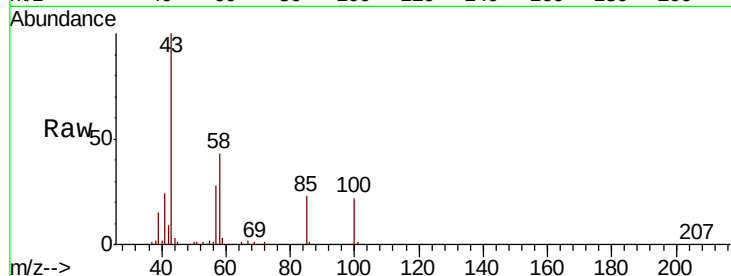




#51
 4-Methyl-2-Pentanone
 Concen: 82.220 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

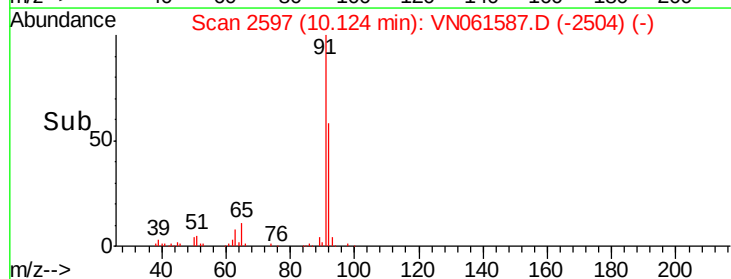
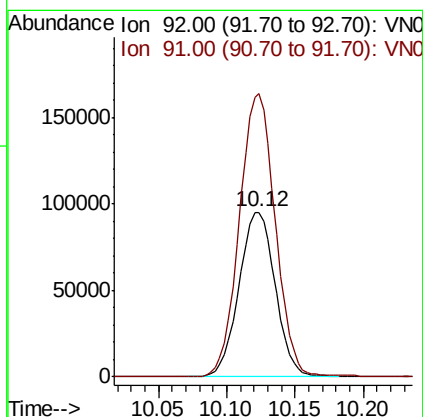
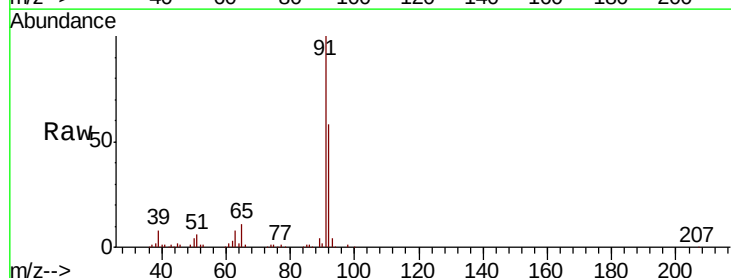
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

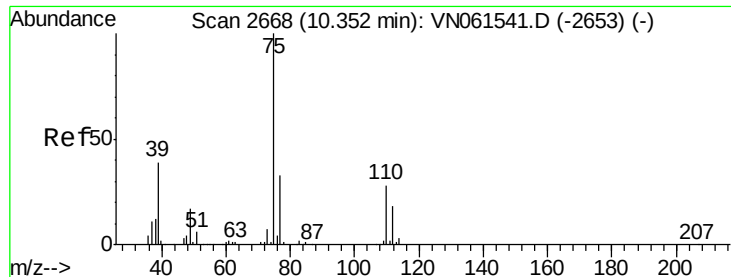
Tot Ion: 43 Resp: 321486
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.0 52.6



#52
 Toluene
 Concen: 18.262 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 92 Resp: 176098
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 17.723 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

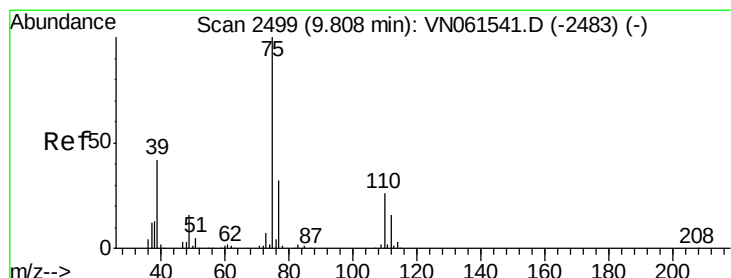
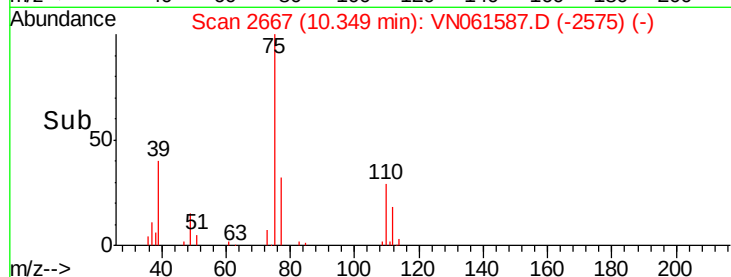
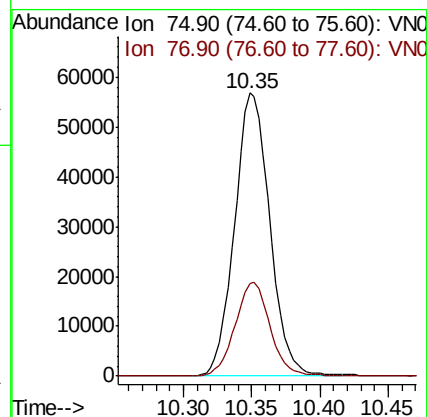
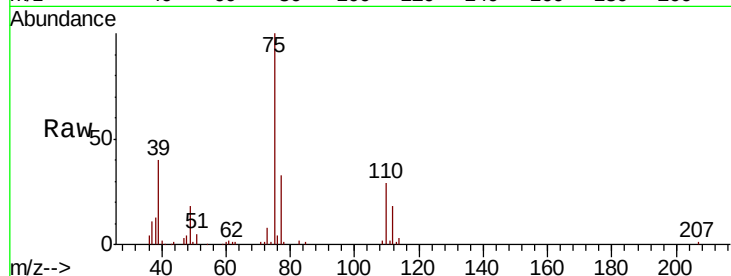
VN0601WBSD01

Tot Ion: 75 Resp: 101773

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 17.940 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

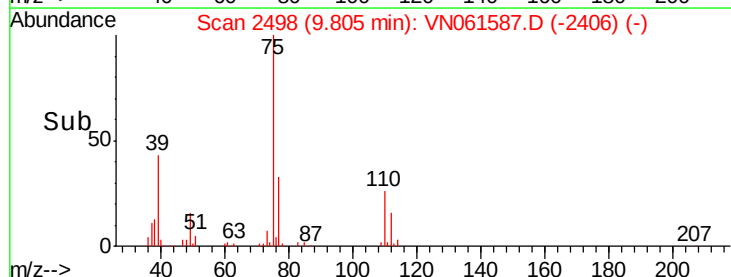
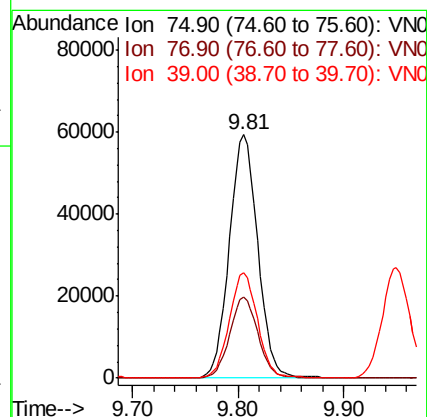
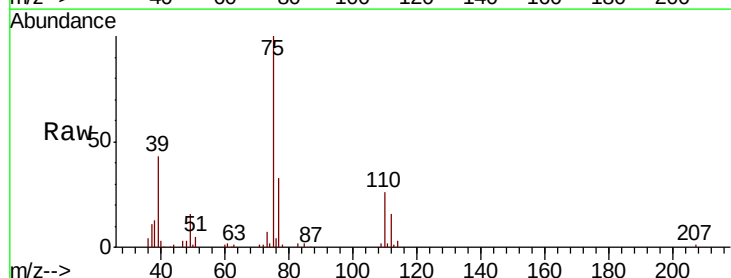
Tgt Ion: 75 Resp: 110772

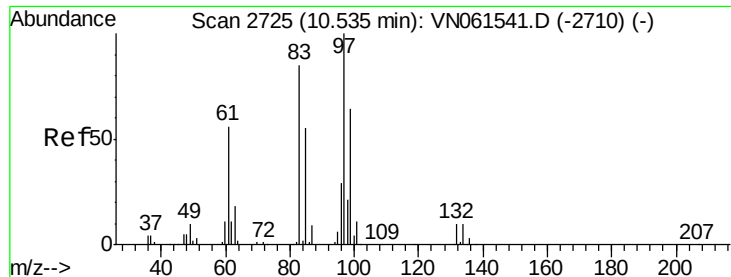
Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2

39 43.2 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 18.184 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

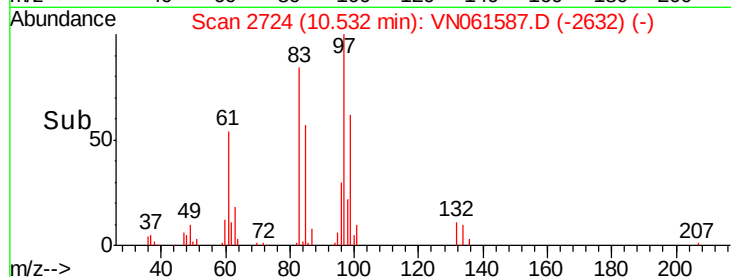
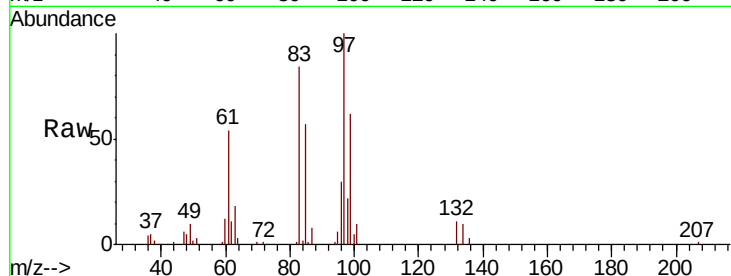
MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion: 97 Resp: 69860

Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	57.2	44.1	66.1
99	62.4	51.1	76.7

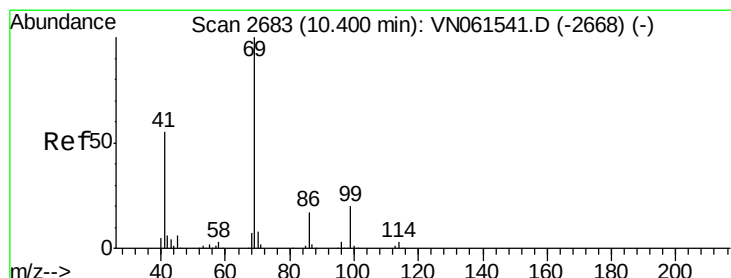


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 16.980 ug/l

RT: 10.40 min Scan# 2682

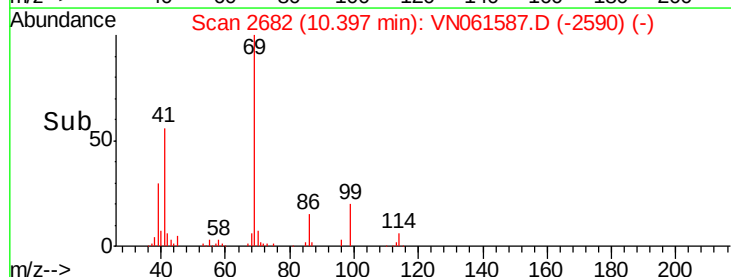
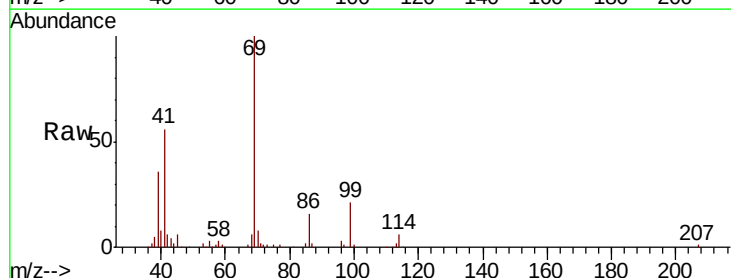
Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion: 69 Resp: 91127

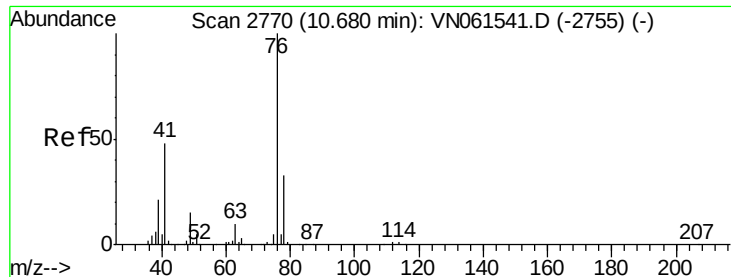
Ion	Ratio	Lower	Upper
69	100		
41	54.7	43.5	65.3
39	35.3	27.0	40.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 18.045 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

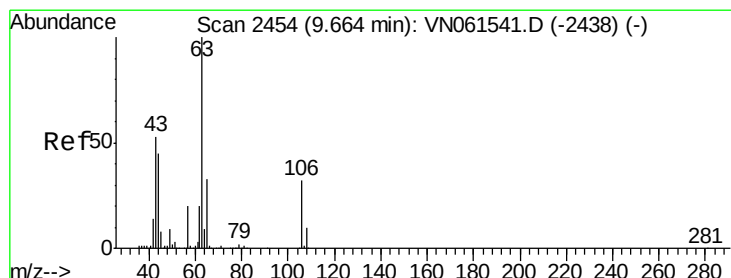
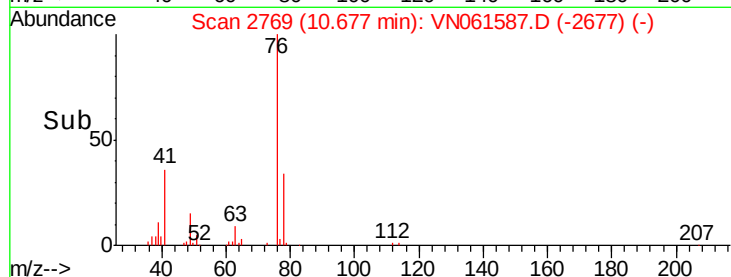
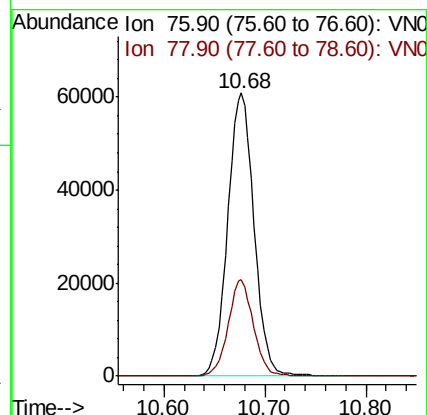
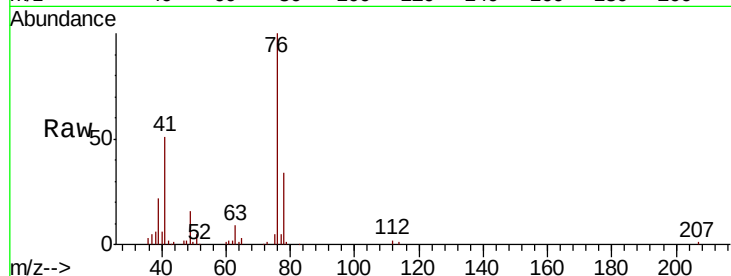
VN0601WBSD01

Tot Ion: 76 Resp: 110879

Ion Ratio Lower Upper

76 100

78 32.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 86.290 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061587.D

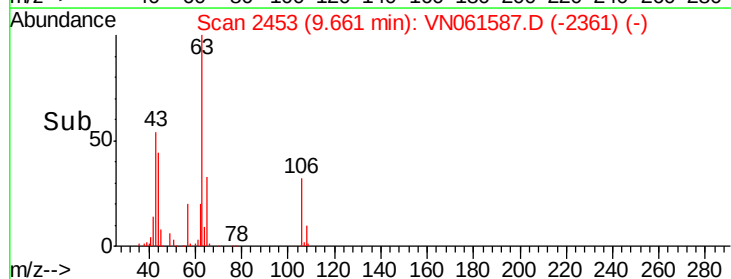
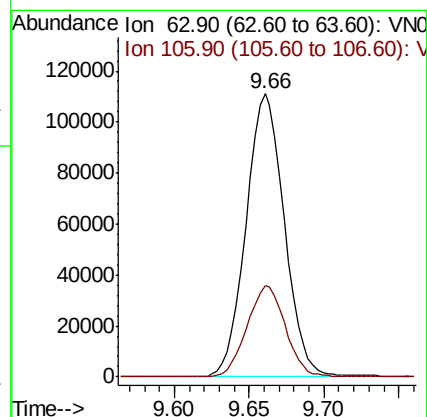
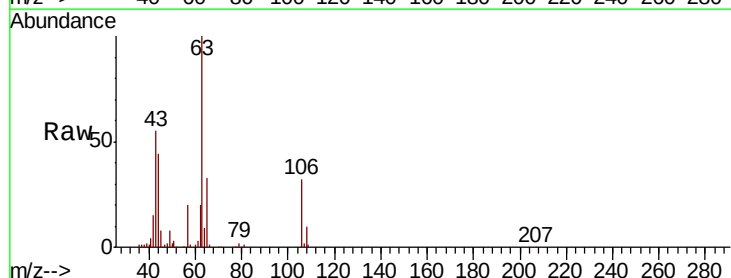
Acq: 1 Jun 2020 12:17

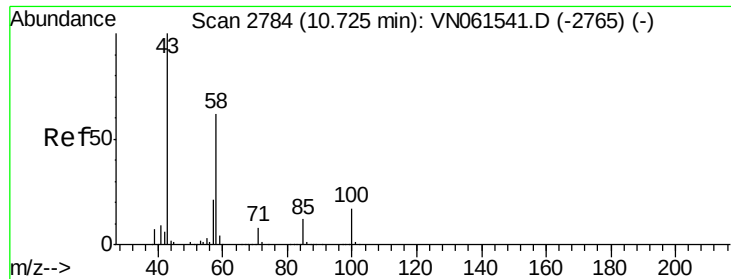
Tgt Ion: 63 Resp: 197897

Ion Ratio Lower Upper

63 100

106 32.4 25.9 38.9

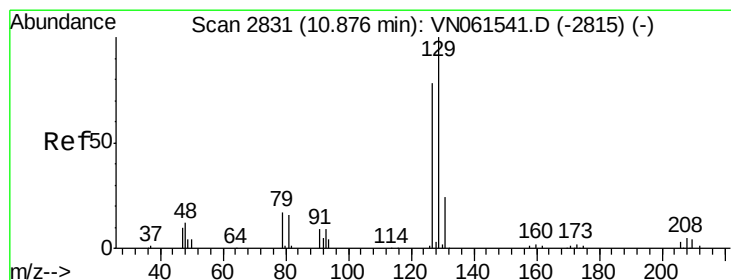
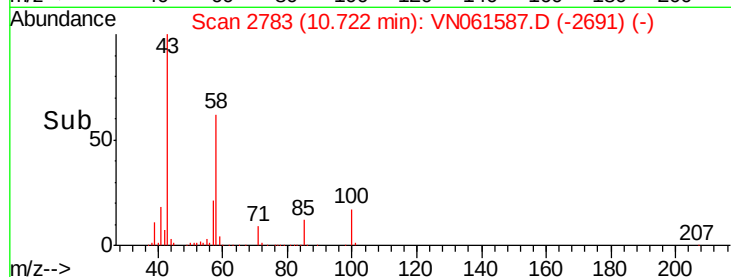
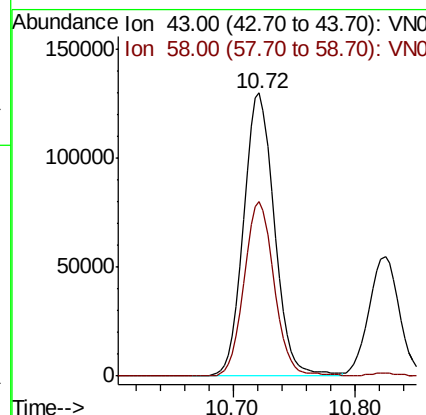
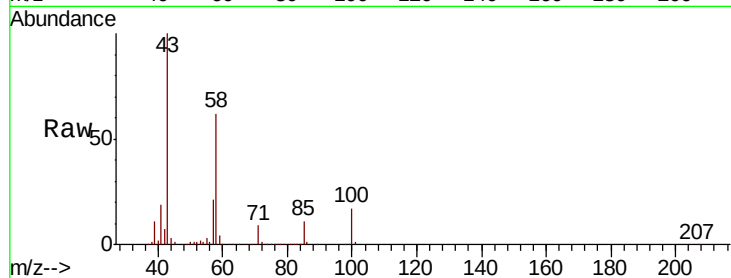




#59
2-Hexanone
Concen: 80.777 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

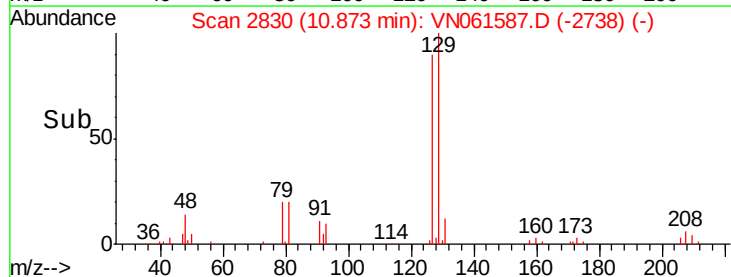
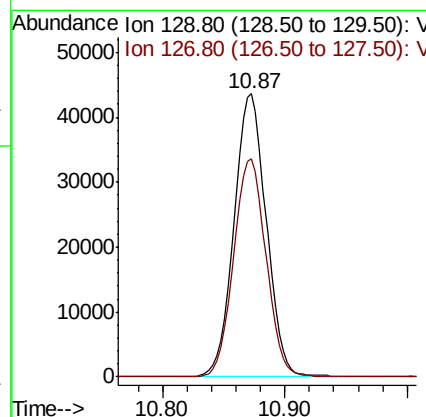
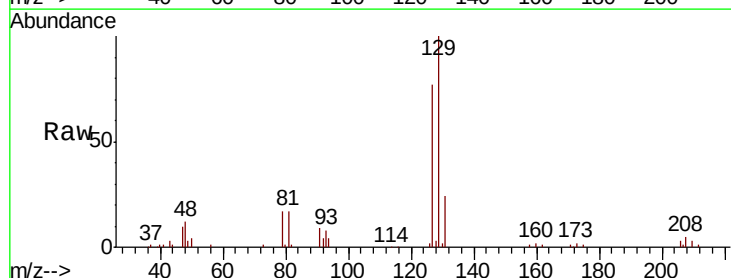
Instrument :
MSVOA_N
ClientSampled :
VN0601WBSD01

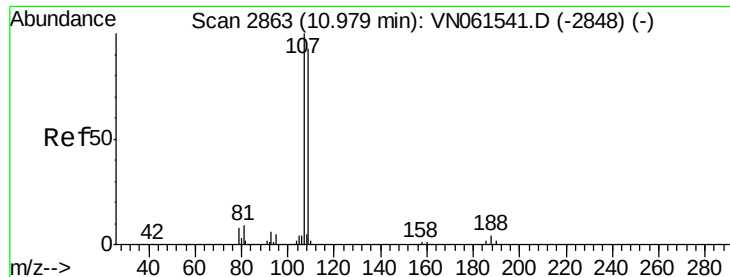
Tot Ion: 43 Resp: 226831
Ion Ratio Lower Upper
43 100
58 60.2 30.7 92.1



#60
Dibromochloromethane
Concen: 18.340 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 129 Resp: 80101
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3

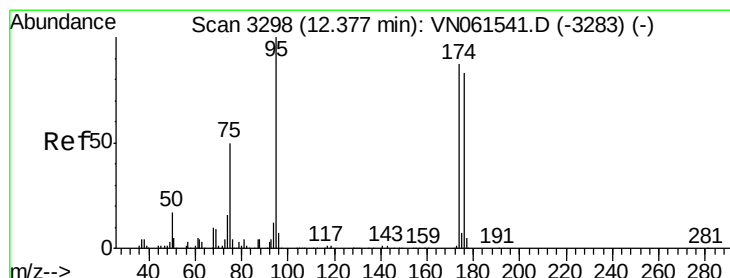
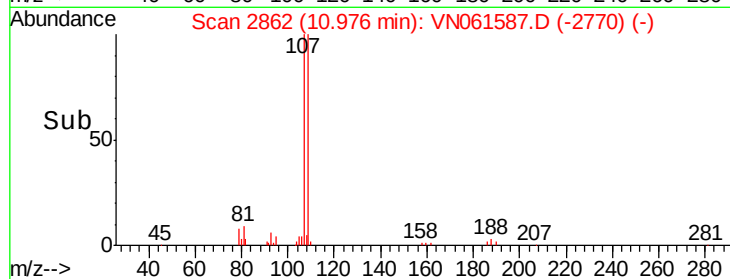
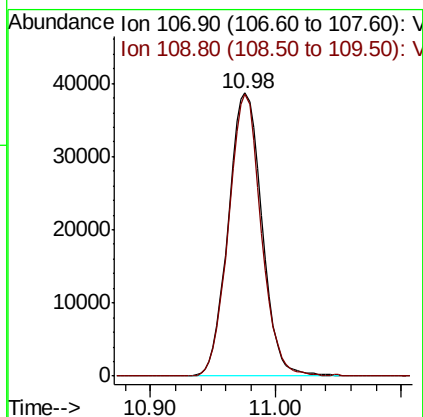
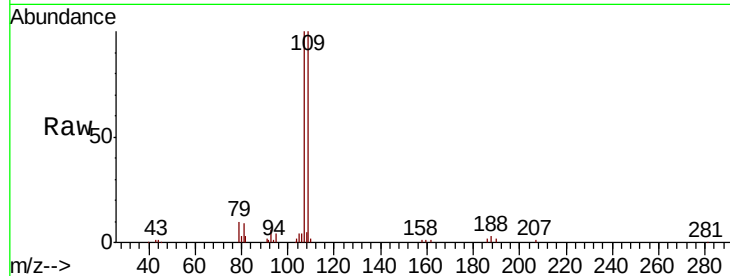




#61
 1,2-Dibromoethane
 Concen: 18.024 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

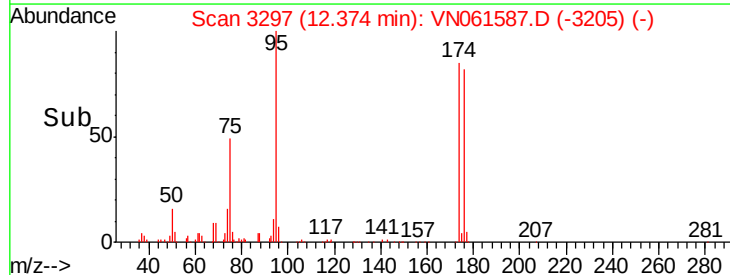
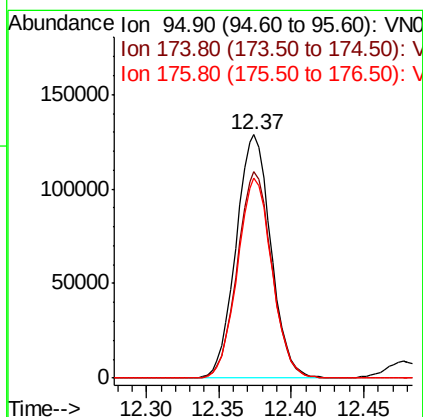
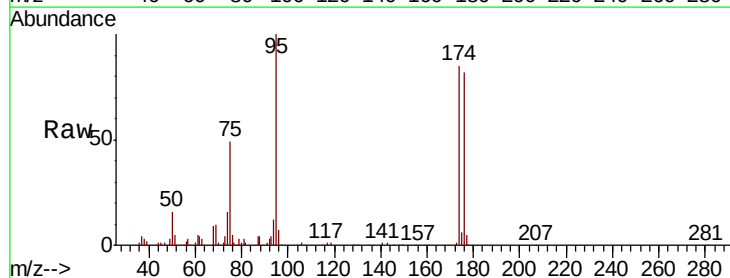
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

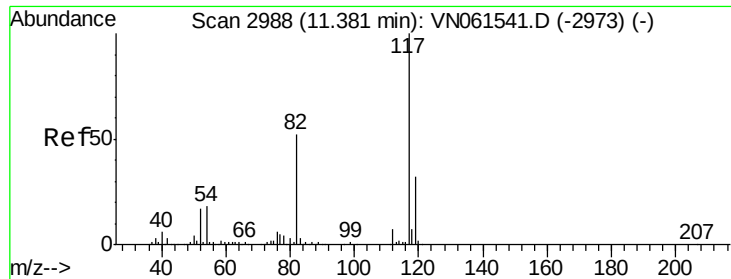
Tot Ion:107 Resp: 72217
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 46.461 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 95 Resp: 215533
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 172.8
 176 81.6 0.0 164.8

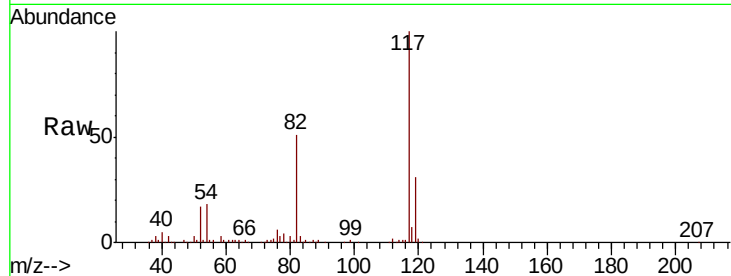




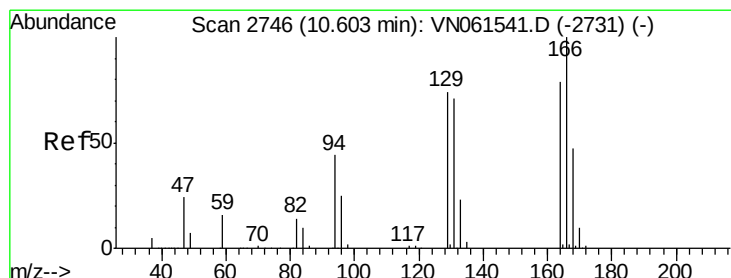
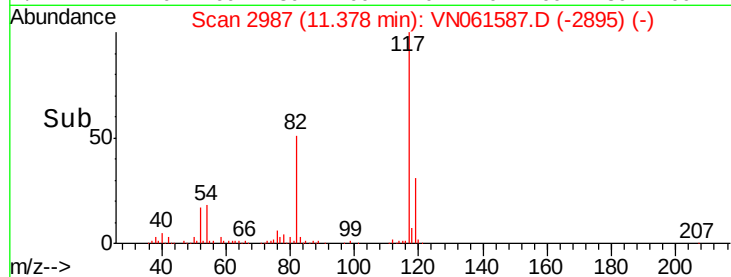
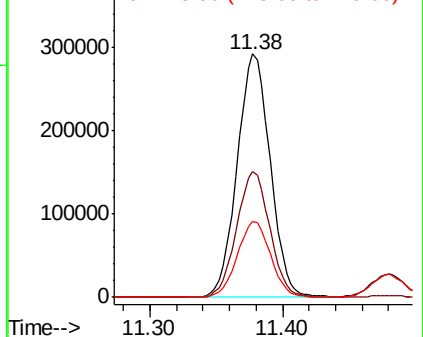
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion:117 Resp: 506576
Ion Ratio Lower Upper
117 100
82 51.5 41.5 62.3
119 31.2 25.6 38.4

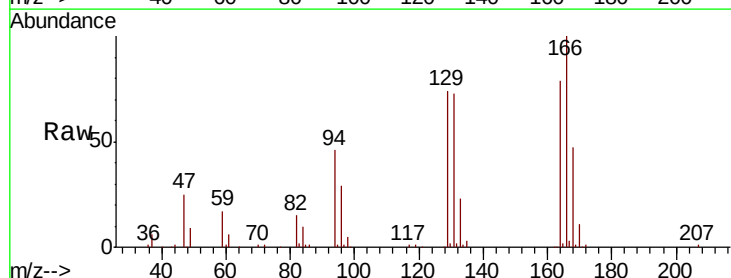


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

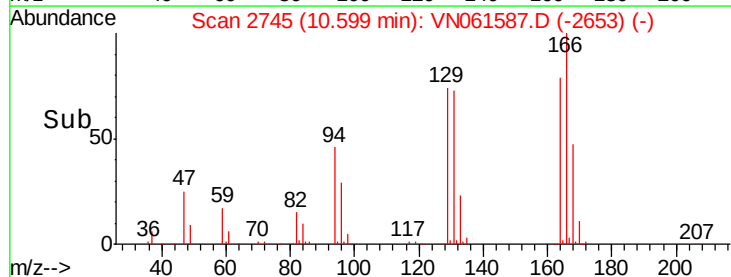
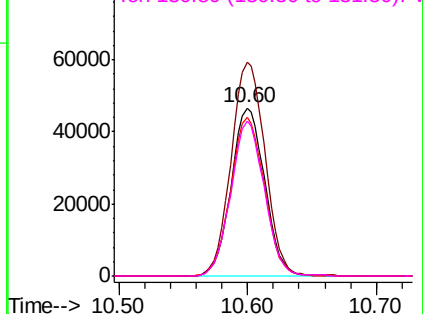


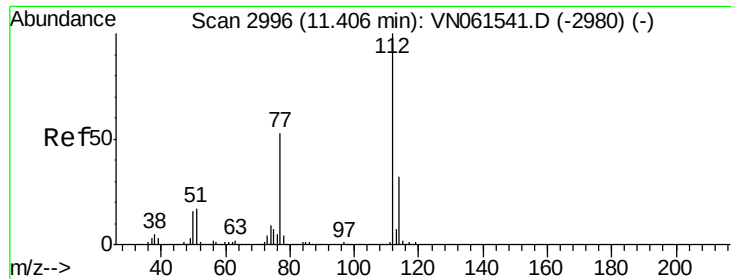
#64
Tetrachloroethene
Concen: 17.714 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion:164 Resp: 84469
Ion Ratio Lower Upper
164 100
166 127.3 101.5 152.3
129 94.3 74.9 112.3
131 92.6 72.2 108.2



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

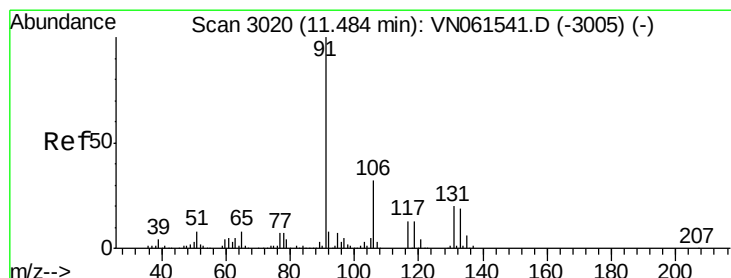
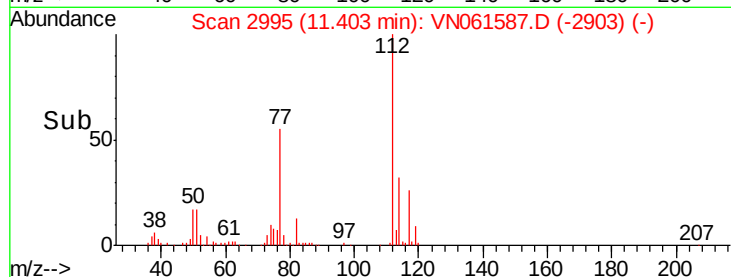
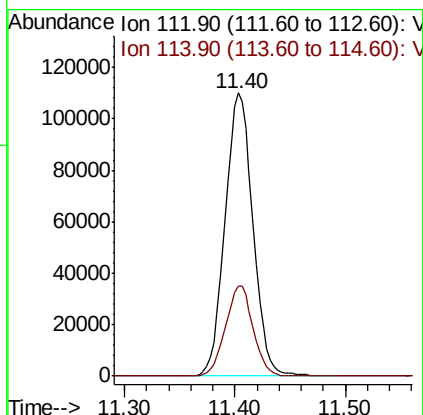
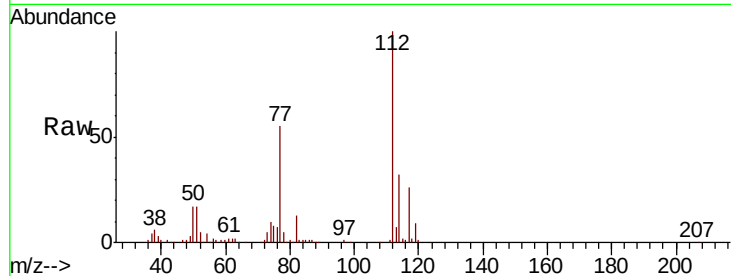




#65
Chlorobenzene
Concen: 18.276 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

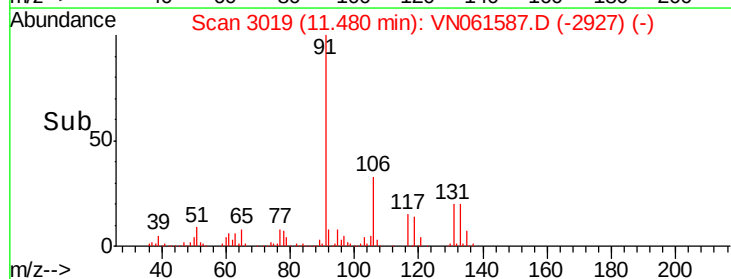
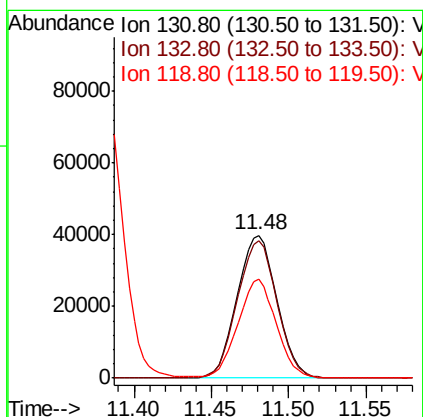
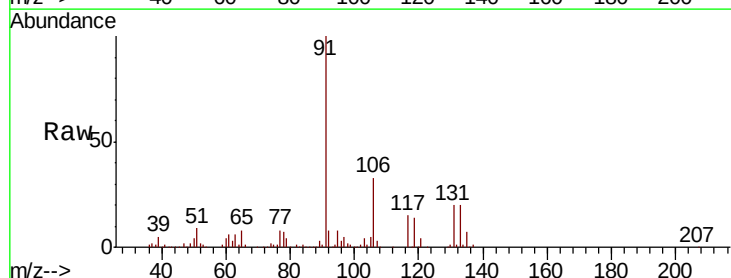
Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

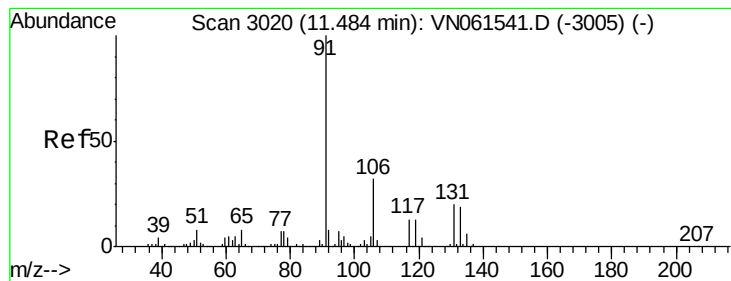
Tot Ion:112 Resp: 192441
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.111 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion:131 Resp: 71009
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 66.9 32.6 97.8





#67

Ethyl Benzene

Concen: 18.205 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

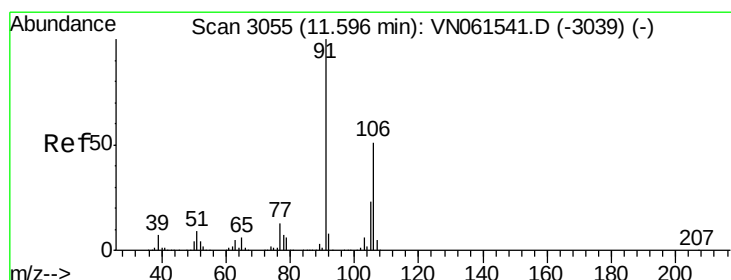
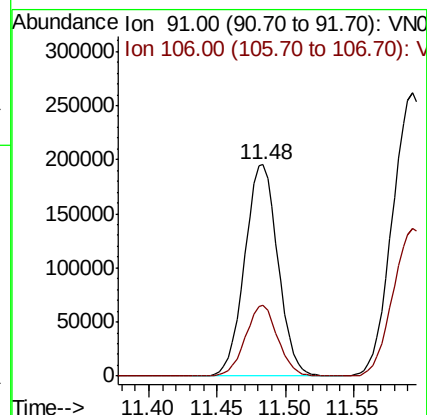
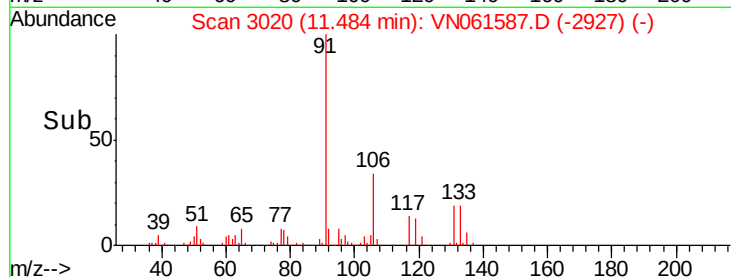
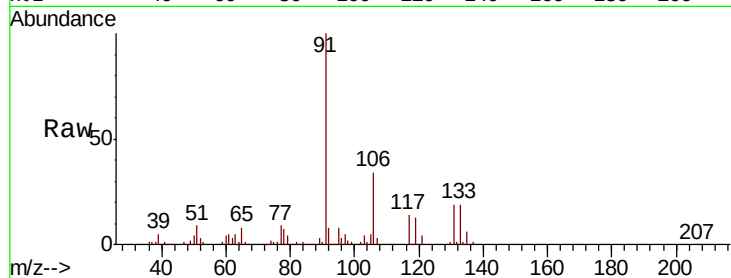
VN0601WBSD01

Tot Ion: 91 Resp: 331335

Ion Ratio Lower Upper

91 100

106 33.7 25.6 38.4



#68

m/p-Xylenes

Concen: 36.063 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061587.D

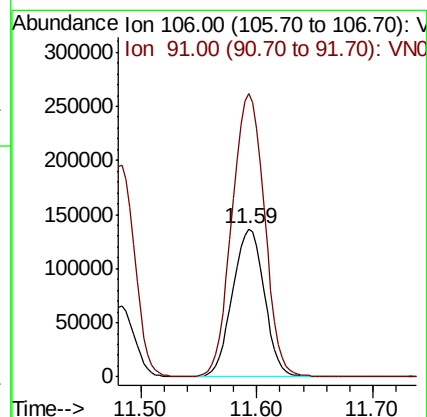
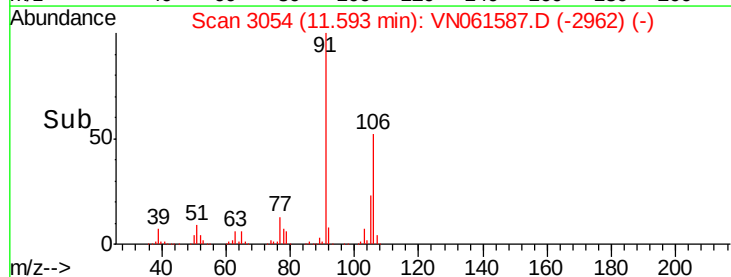
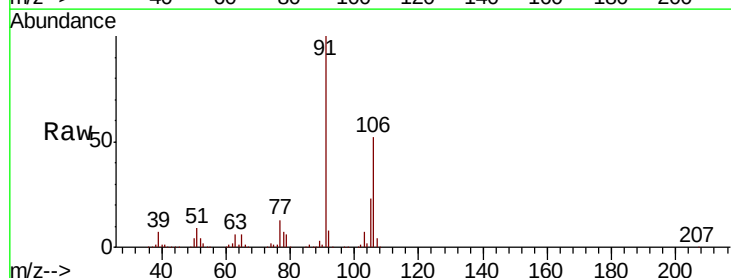
Acq: 1 Jun 2020 12:17

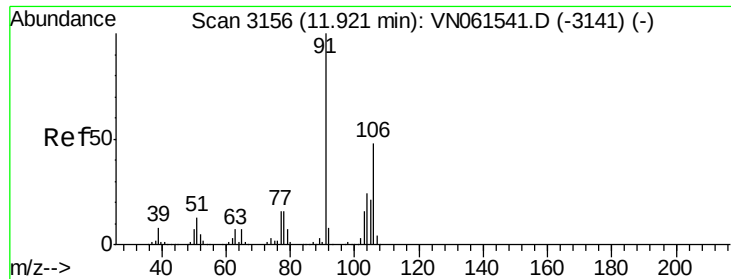
Tgt Ion: 106 Resp: 260243

Ion Ratio Lower Upper

106 100

91 194.8 156.2 234.4

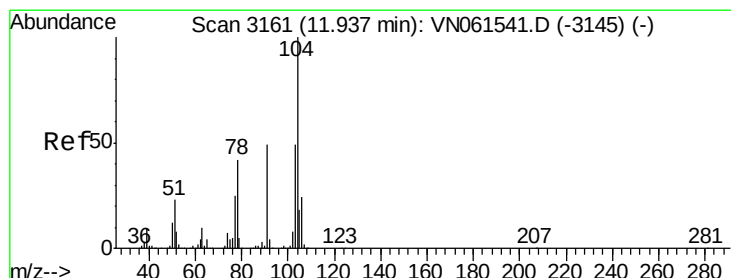
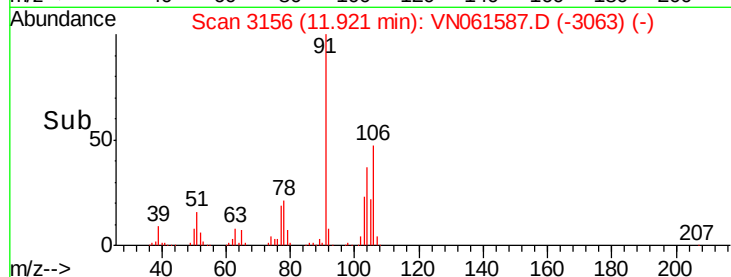
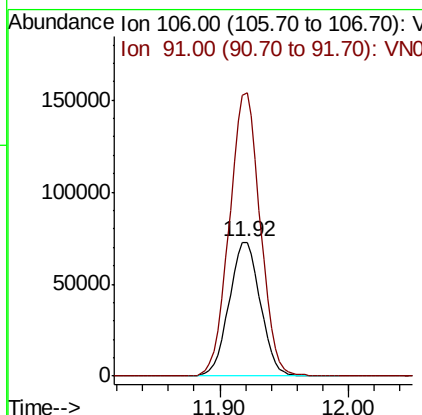
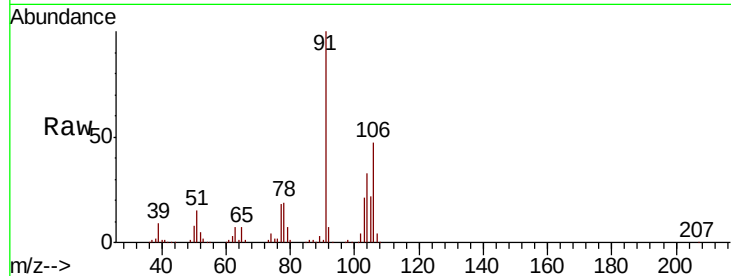




#69
o-Xylene
Concen: 17.856 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

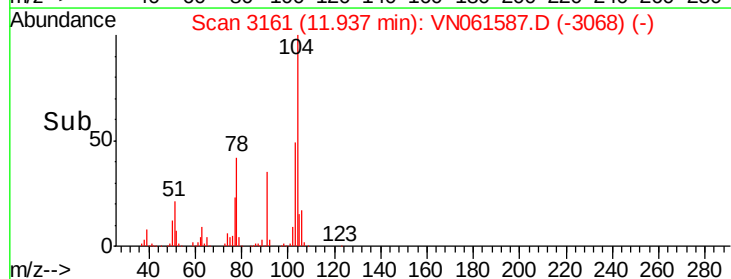
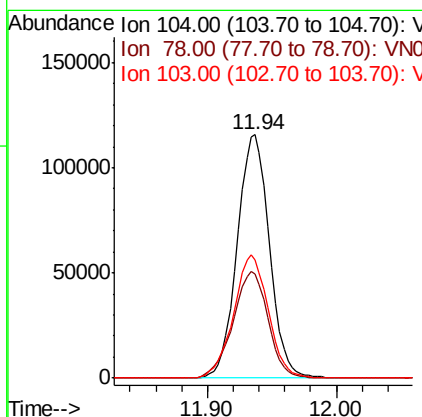
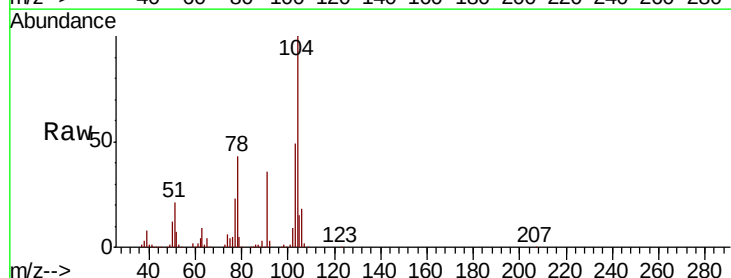
Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

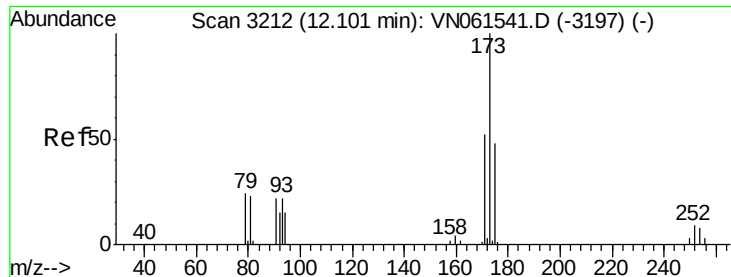
Tot Ion:106 Resp: 122386
Ion Ratio Lower Upper
106 100
91 208.8 103.3 309.8



#70
Styrene
Concen: 17.750 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion:104 Resp: 201470
Ion Ratio Lower Upper
104 100
78 47.7 37.4 56.0
103 54.5 42.3 63.5





#71

Bromoform

Concen: 17.160 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

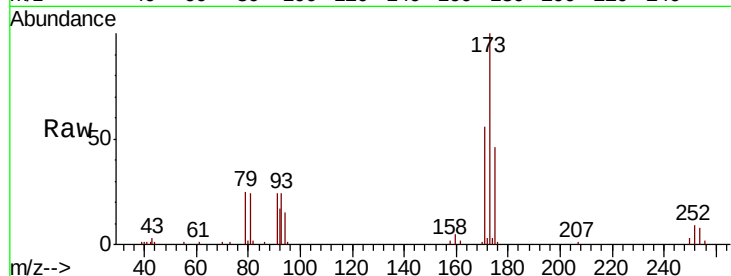
Tot Ion:173 Resp: 51845

Ion Ratio Lower Upper

173 100

175 47.0 24.4 73.2

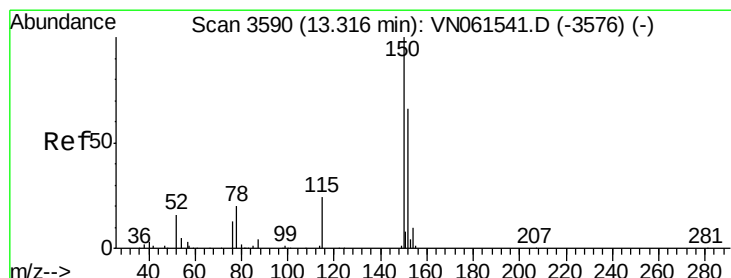
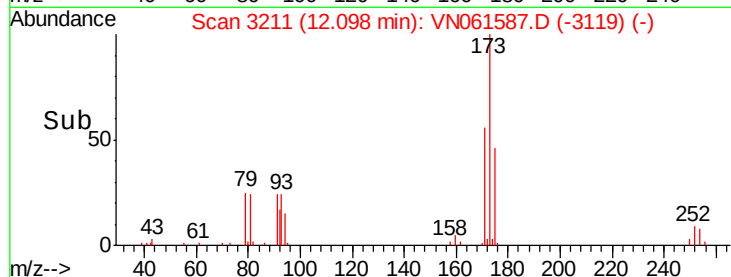
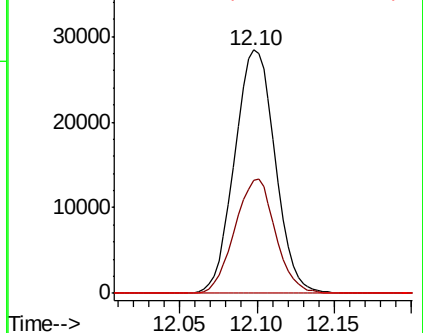
254 0.0 0.0 0.0



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: VN061587.D

Acq: 1 Jun 2020 12:17

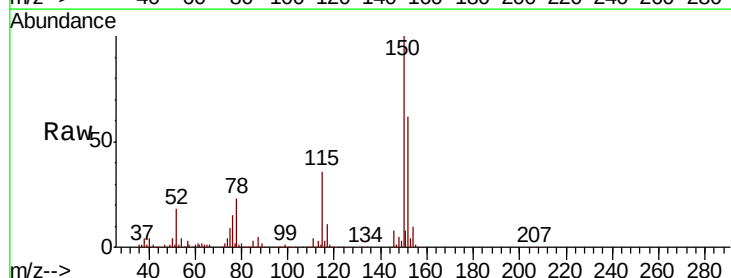
Tgt Ion:152 Resp: 242598

Ion Ratio Lower Upper

152 100

115 57.2 28.0 84.0

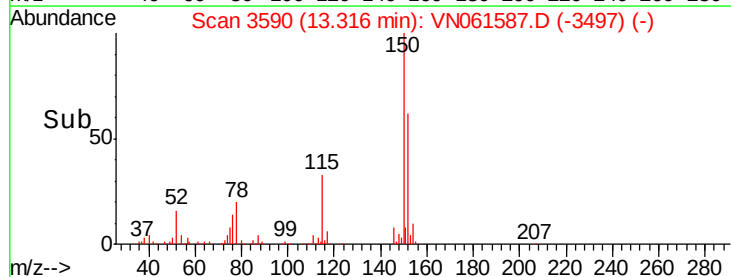
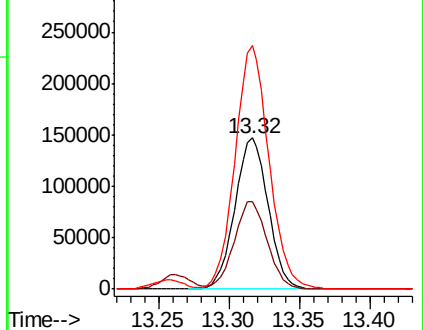
150 164.8 0.0 344.0

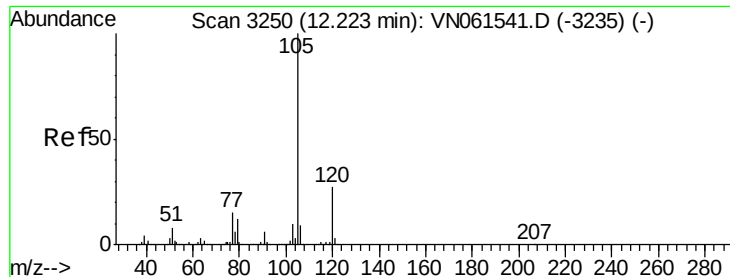


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.468 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

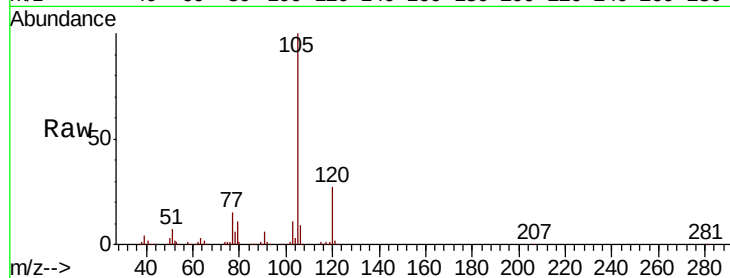
VN0601WBSD01

Tot Ion:105 Resp: 326998

Ion Ratio Lower Upper

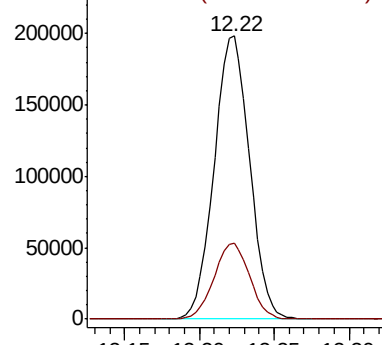
105 100

120 26.9 13.8 41.3

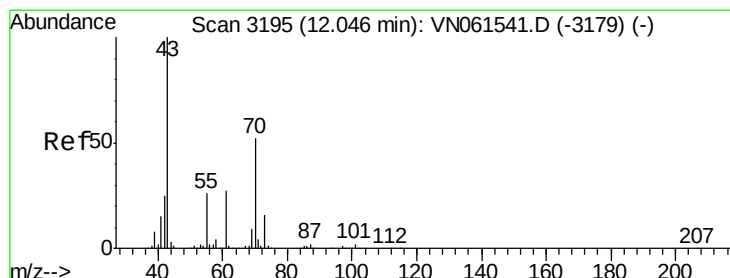
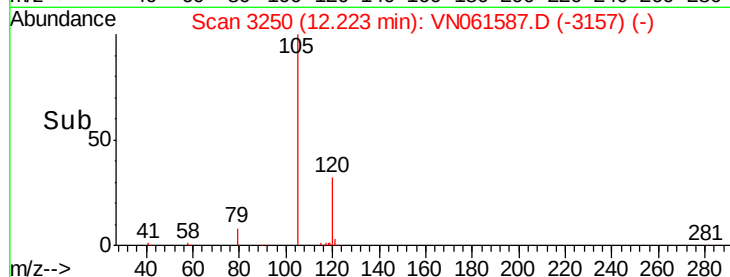


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 16.961 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion: 43 Resp: 94576

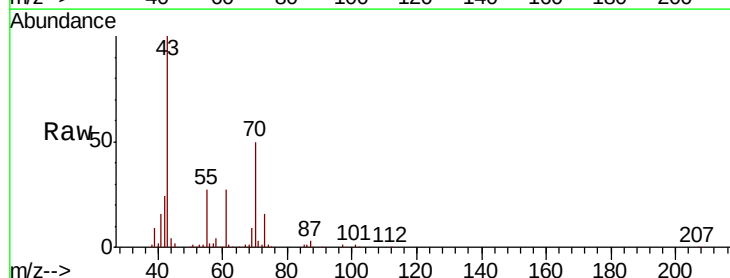
Ion Ratio Lower Upper

43 100

70 50.9 40.5 60.7

55 26.7 20.6 31.0

61 27.1 21.8 32.6

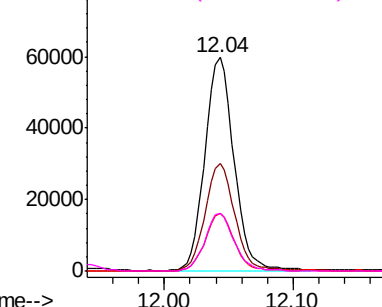


Abundance Ion 43.00 (42.70 to 43.70): VN0

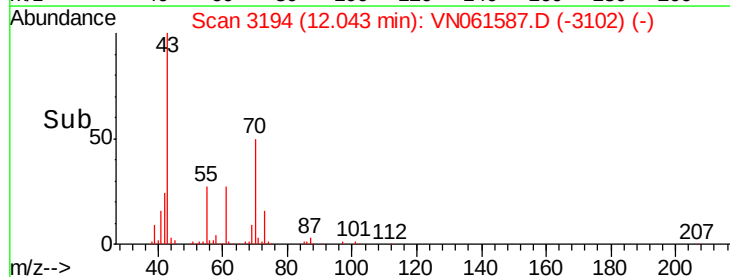
Ion 70.00 (69.70 to 70.70): VN0

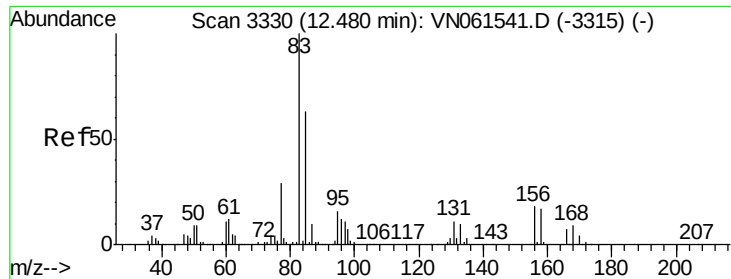
Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.311 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

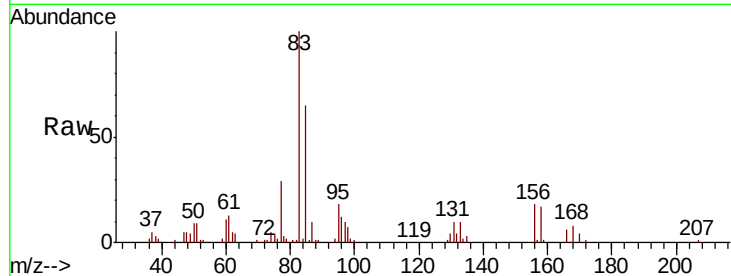
Tot Ion: 83 Resp: 85898

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

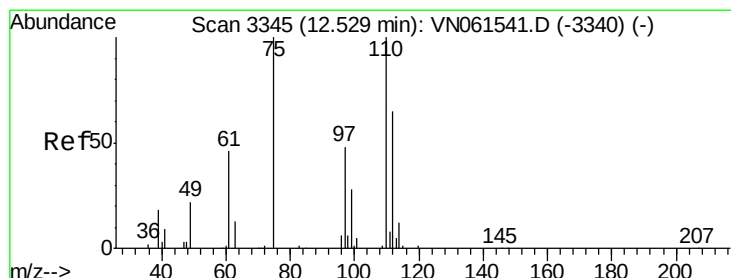
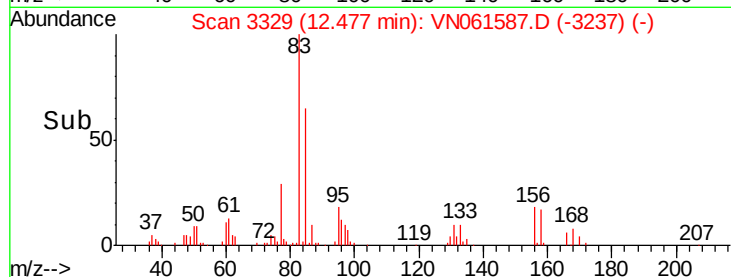
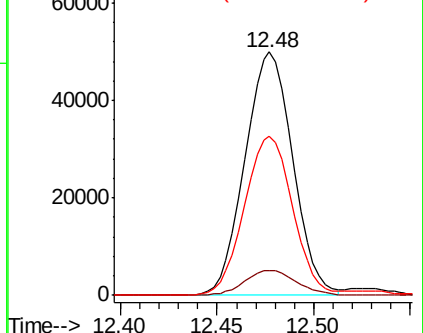
85 66.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061587.D (-3327) (-)

Ion 130.80 (130.50 to 131.50): VN061587.D (-3327) (-)

Ion 84.90 (84.60 to 85.60): VN061587.D (-3327) (-)



#76

1,2,3-Trichloropropane

Concen: 25.306 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061587.D

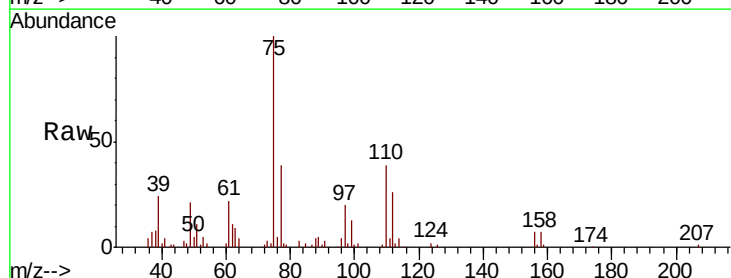
Acq: 1 Jun 2020 12:17

Tgt Ion: 75 Resp: 111636

Ion Ratio Lower Upper

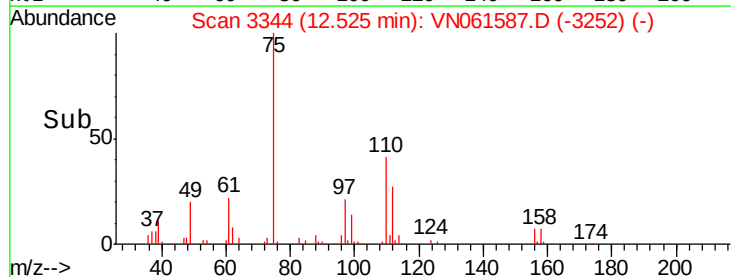
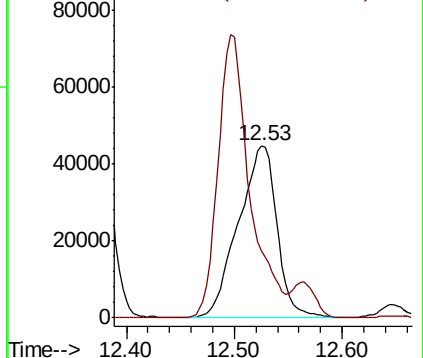
75 100

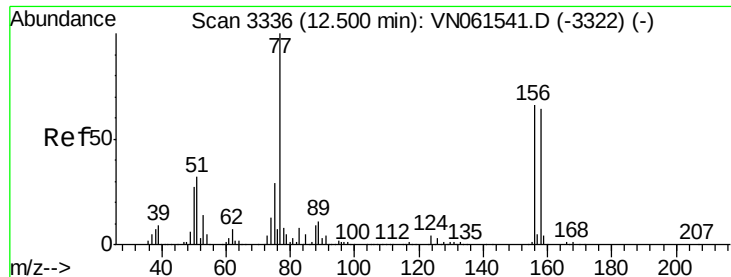
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061587.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061587.D (-3252) (-)





#77

Bromobenzene

Concen: 18.440 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

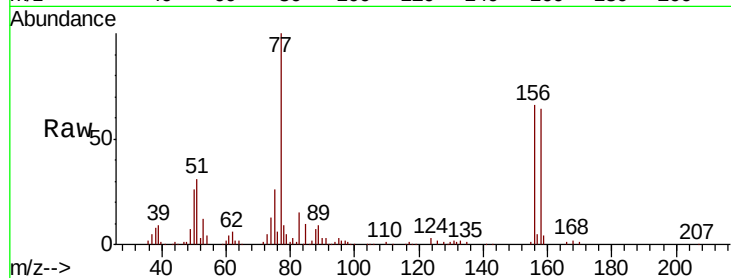
Tot Ion:156 Resp: 83343

Ion Ratio Lower Upper

156 100

77 180.7 90.9 272.7

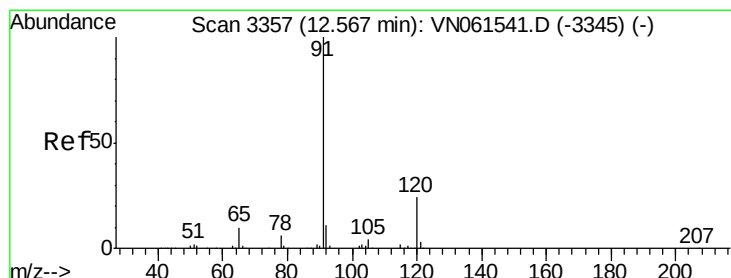
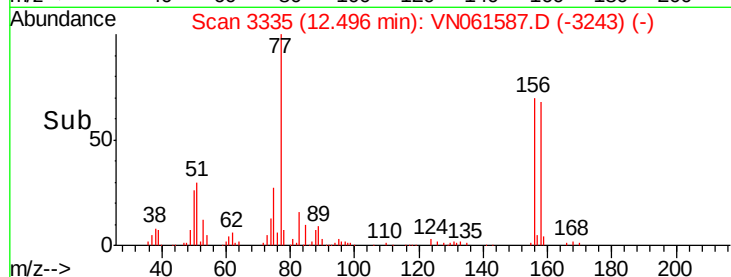
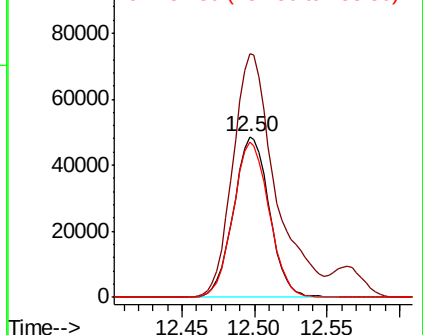
158 97.1 48.4 145.3



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: 18.433 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061587.D

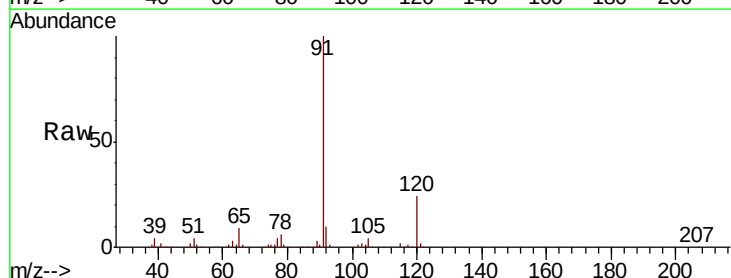
Acq: 1 Jun 2020 12:17

Tgt Ion: 91 Resp: 364360

Ion Ratio Lower Upper

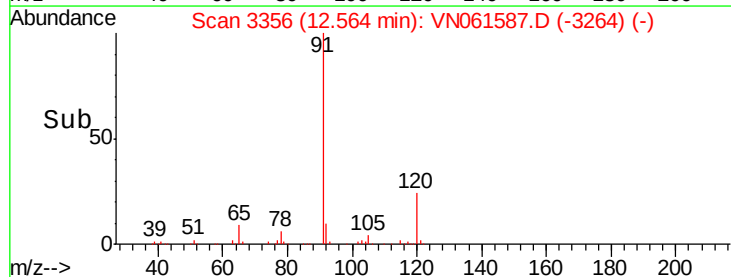
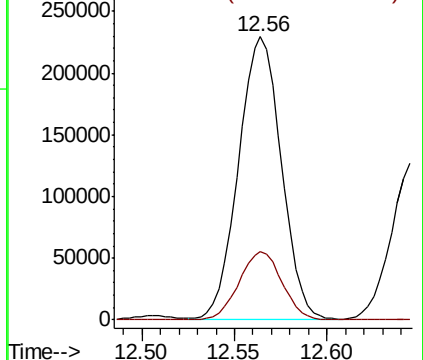
91 100

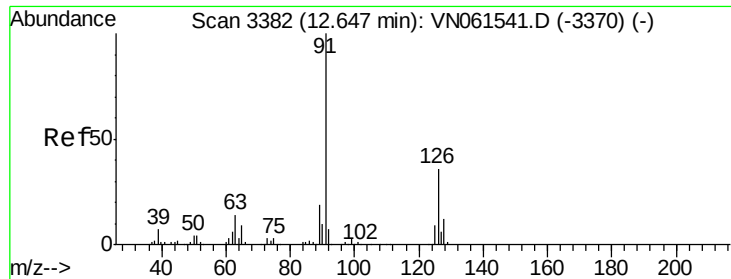
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.185 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

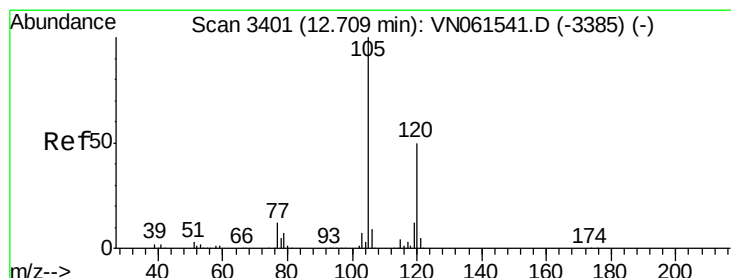
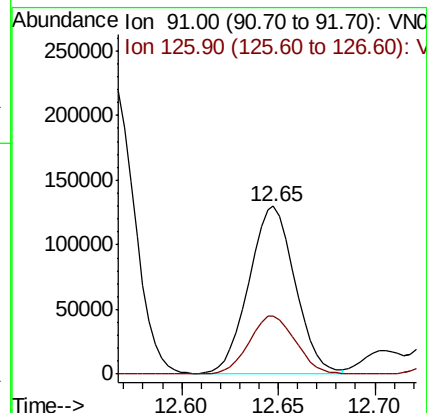
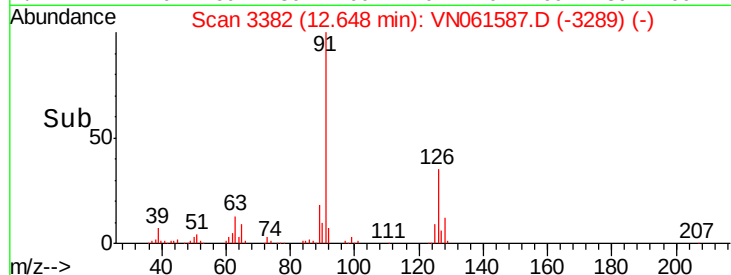
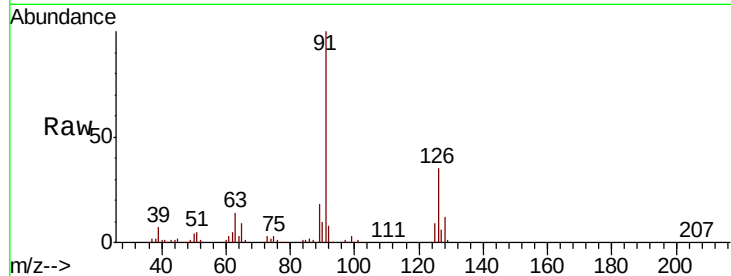
VN0601WBSD01

Tot Ion: 91 Resp: 214337

Ion Ratio Lower Upper

91 100

126 35.4 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 18.537 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061587.D

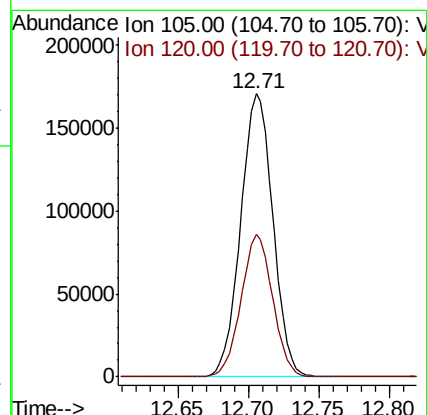
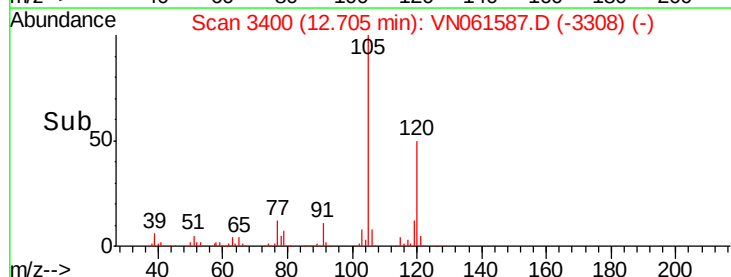
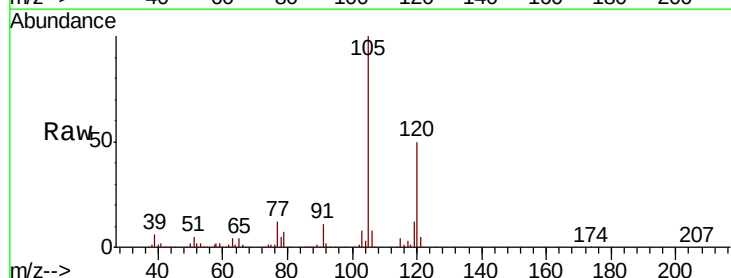
Acq: 1 Jun 2020 12:17

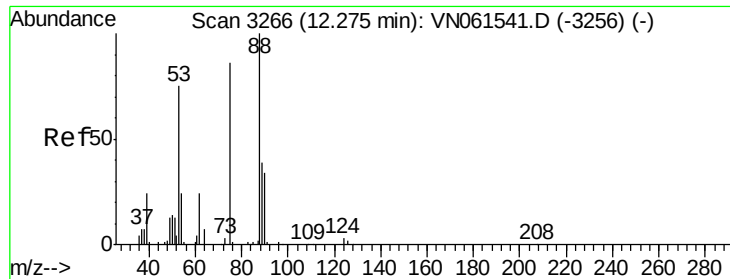
Tgt Ion: 105 Resp: 274341

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.2

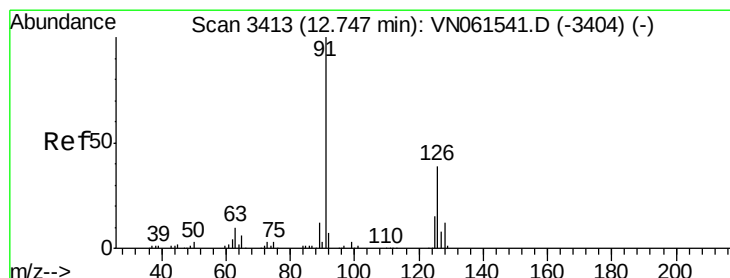
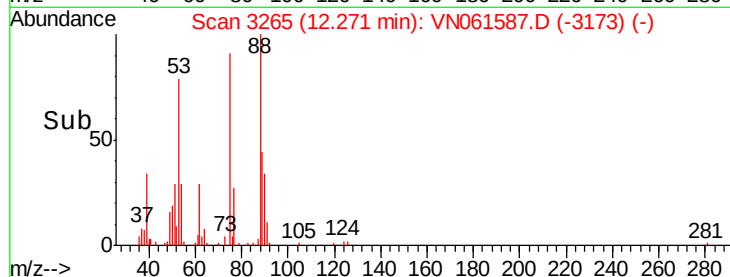
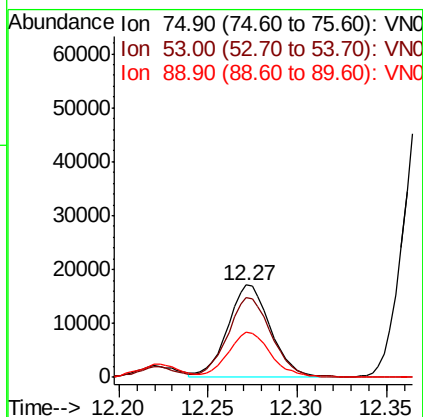
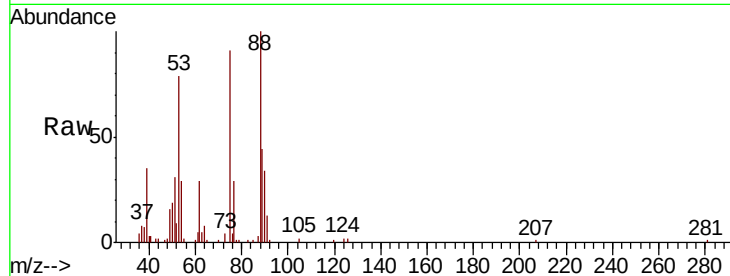




#81
trans-1,4-Dichloro-2-butene
Concen: 16.645 ug/l
RT: 12.27 min Scan# 3265
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

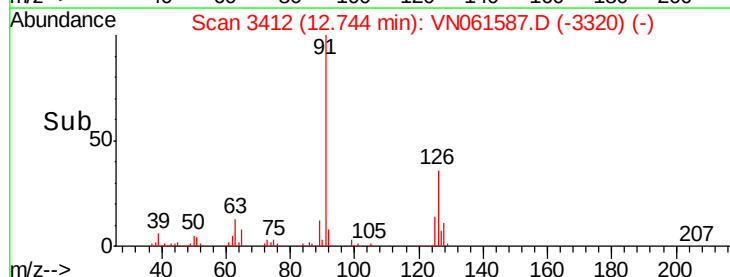
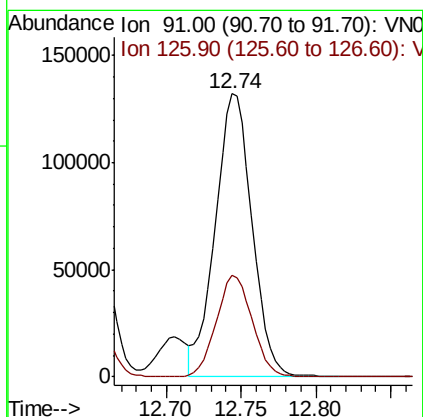
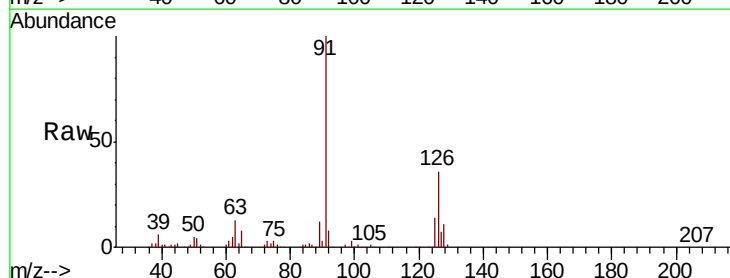
Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

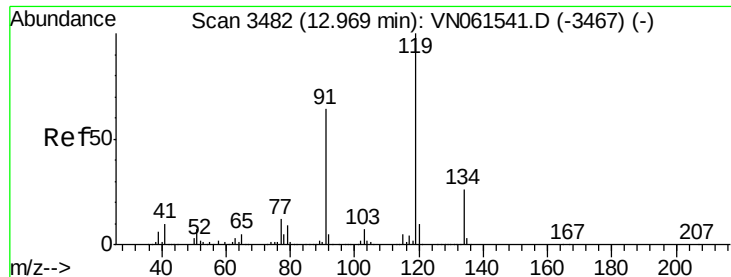
Tot Ion: 75 Resp: 28714
Ion Ratio Lower Upper
75 100
53 88.3 67.8 101.8
89 48.4 37.1 55.7



#82
4-Chlorotoluene
Concen: 18.162 ug/l
RT: 12.74 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 91 Resp: 225200
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.6

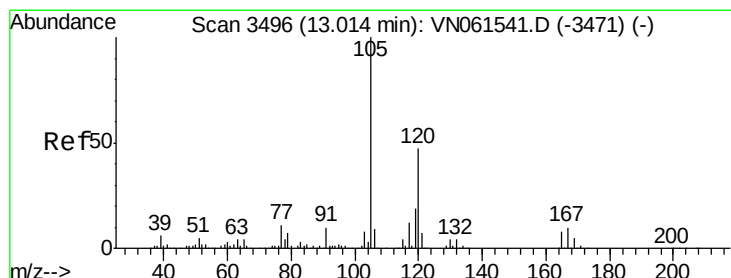
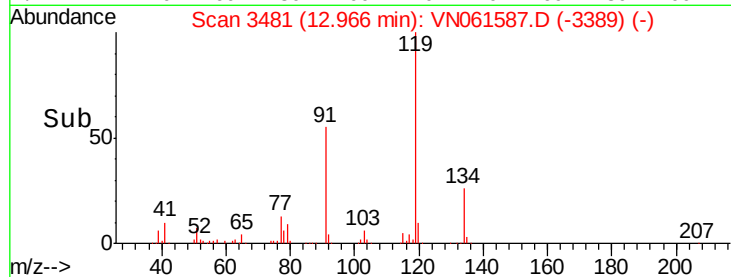
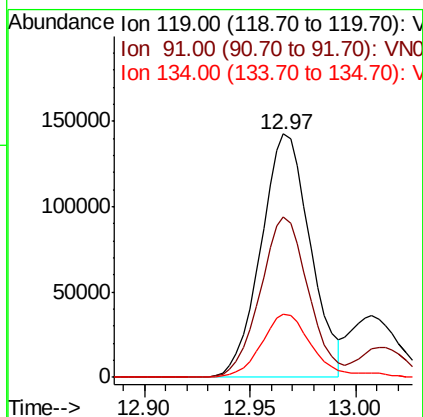
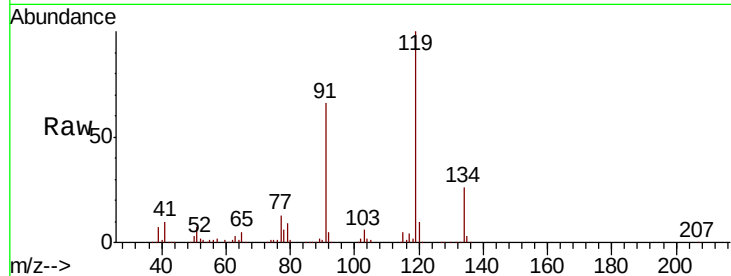




#83
 tert-Butylbenzene
 Concen: 17.759 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

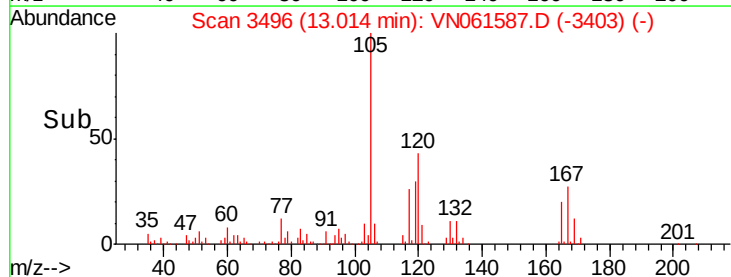
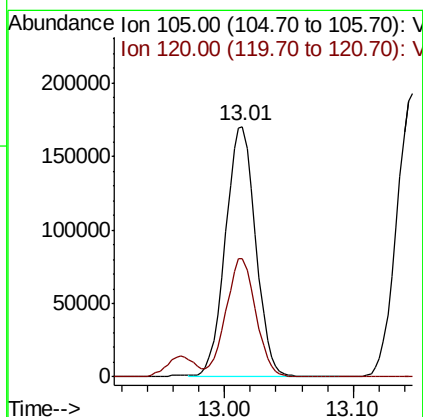
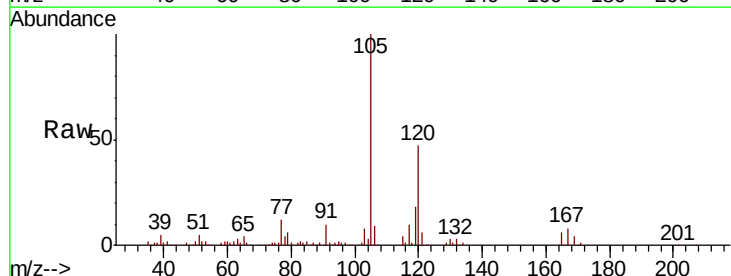
Instrument :
 MSVOA_N
 ClientSampled :
 VN0601WBSD01

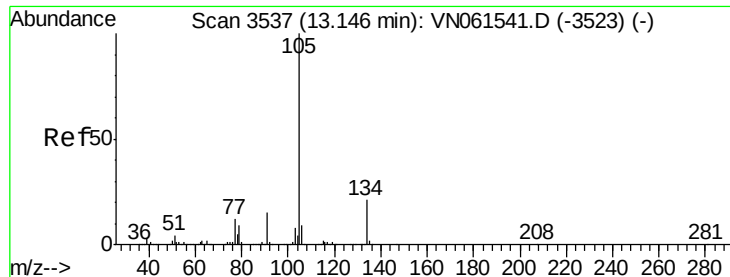
Tot Ion:119 Resp: 232209
 Ion Ratio Lower Upper
 119 100
 91 64.3 31.3 93.8
 134 27.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.736 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion:105 Resp: 275454
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.326 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

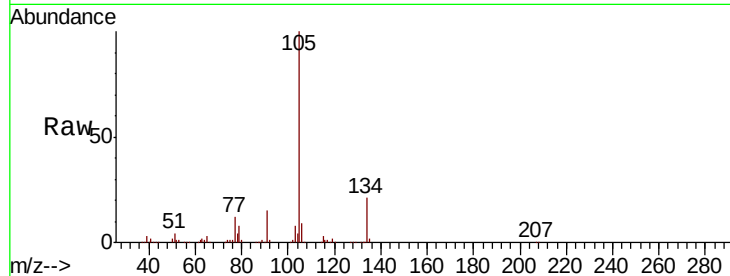
VN0601WBSD01

Tot Ion:105 Resp: 308775

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

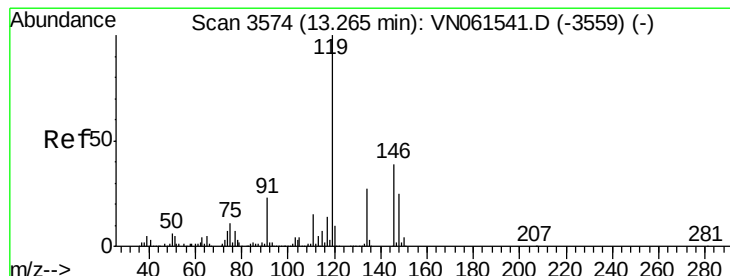
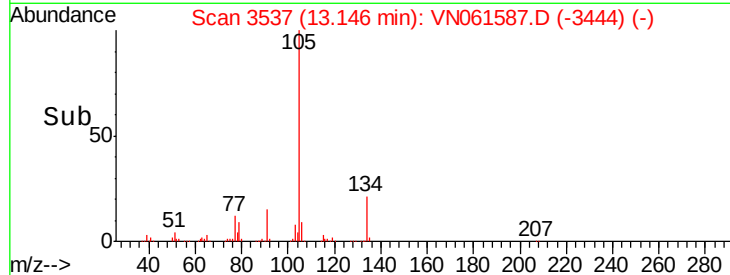
100000

50000

0

13.05 13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 18.651 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

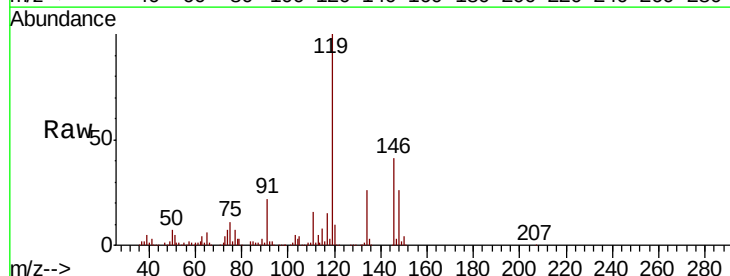
Tgt Ion:119 Resp: 289399

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 22.8 11.4 34.1



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

250000

200000

150000

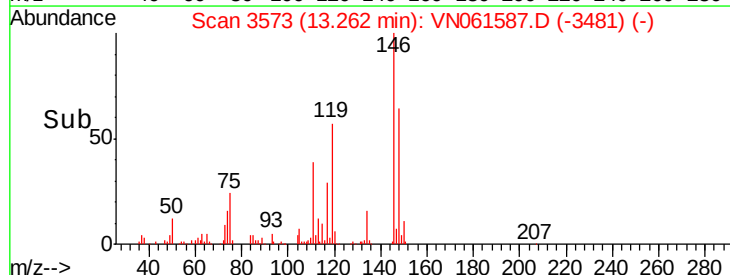
100000

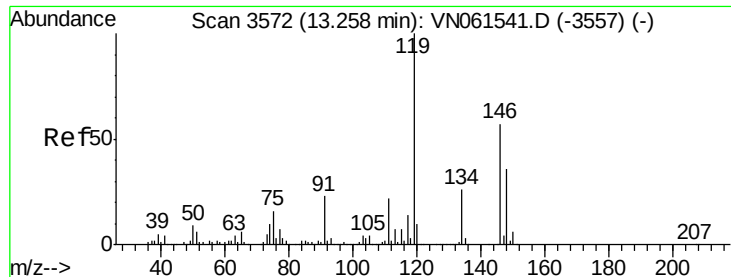
50000

0

13.20 13.25 13.30

Time-->

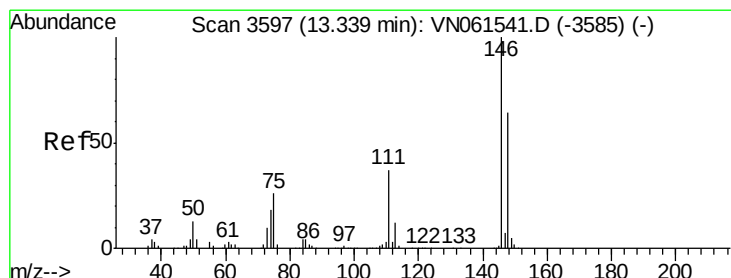
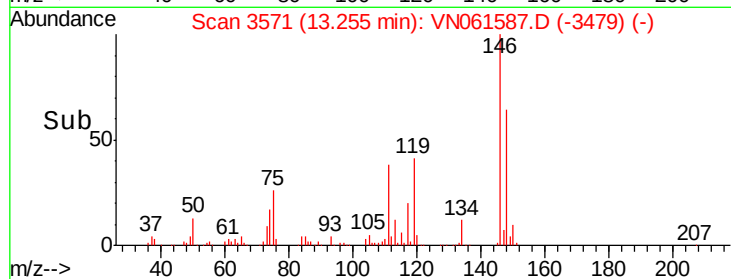
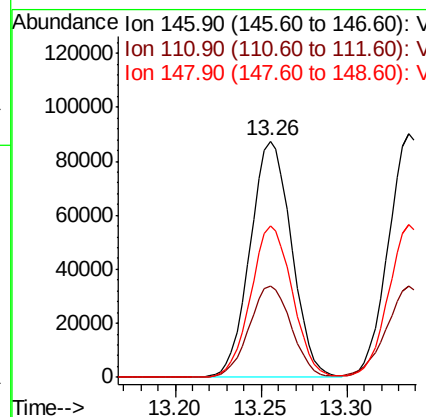
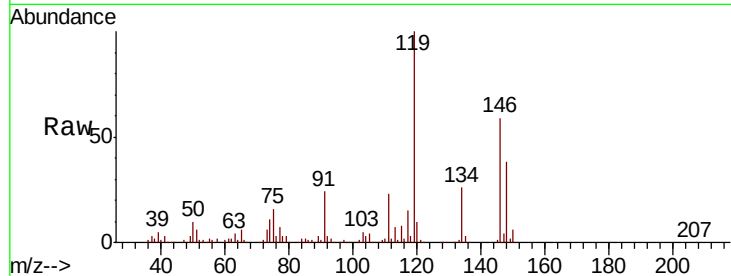




#87
 1,3-Dichlorobenzene
 Concen: 18.263 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

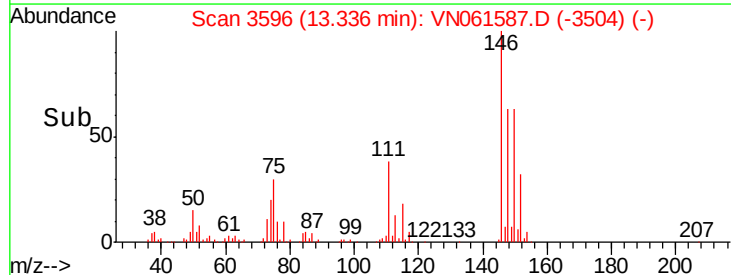
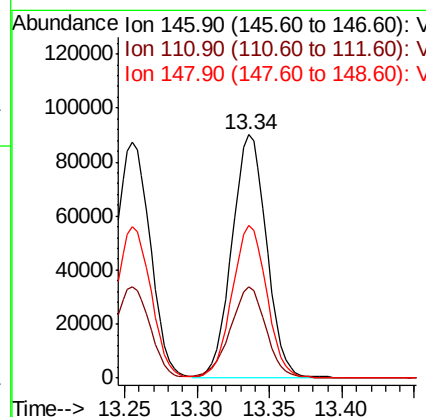
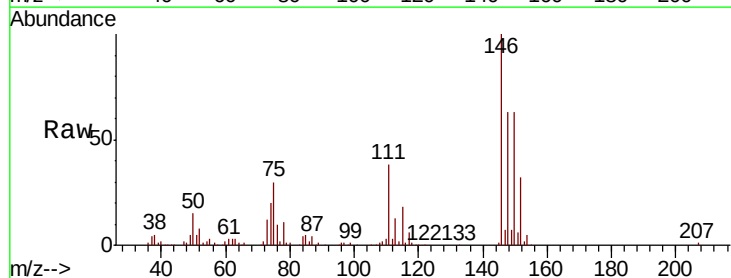
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

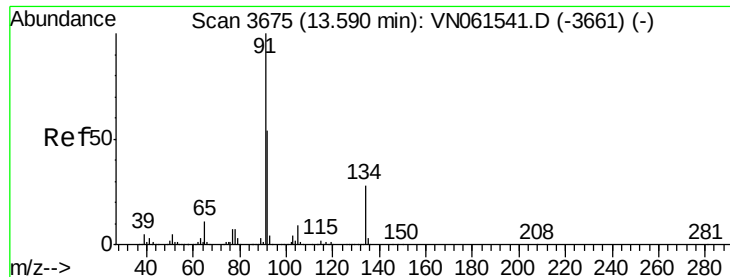
Tot Ion:146 Resp: 146172
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.246 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion:146 Resp: 148766
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 18.744 ug/l

RT: 13.59 min Scan# 3674

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

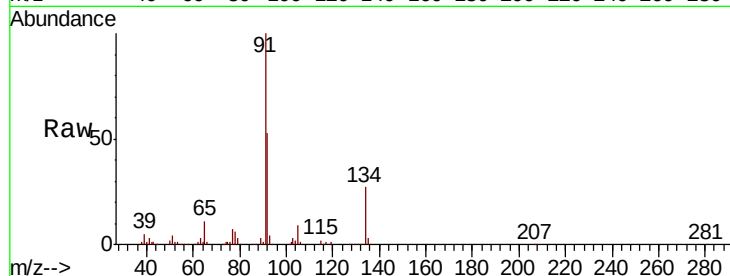
Tot Ion: 91 Resp: 243612

Ion Ratio Lower Upper

91 100

92 53.3 27.2 81.6

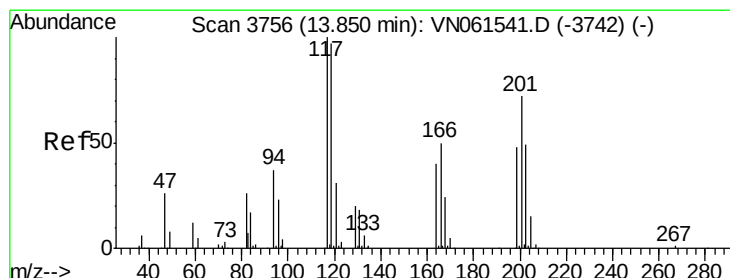
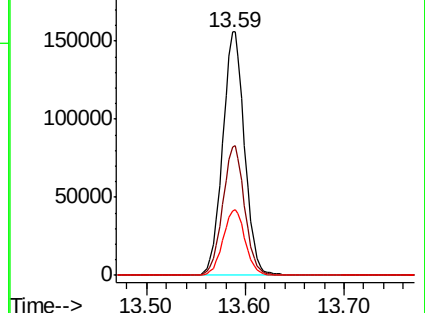
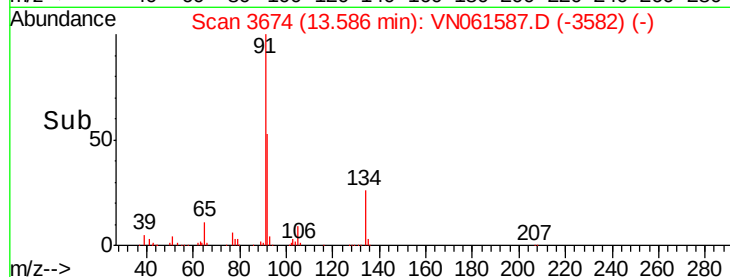
134 27.3 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)



#90

Hexachloroethane

Concen: 21.100 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061587.D

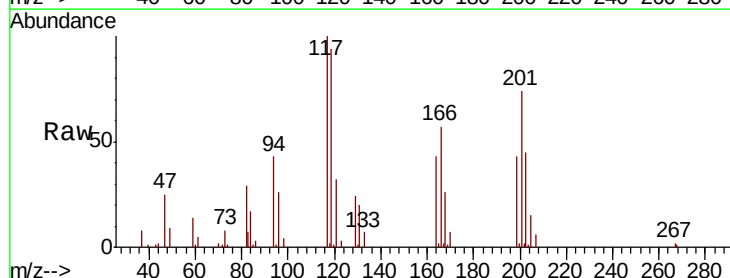
Acq: 1 Jun 2020 12:17

Tgt Ion: 117 Resp: 36208

Ion Ratio Lower Upper

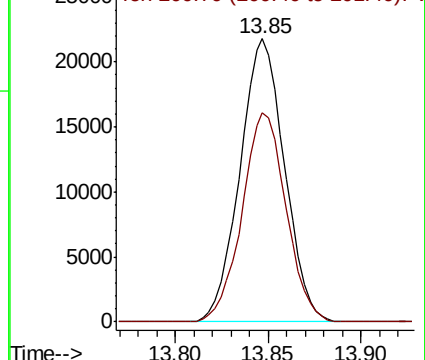
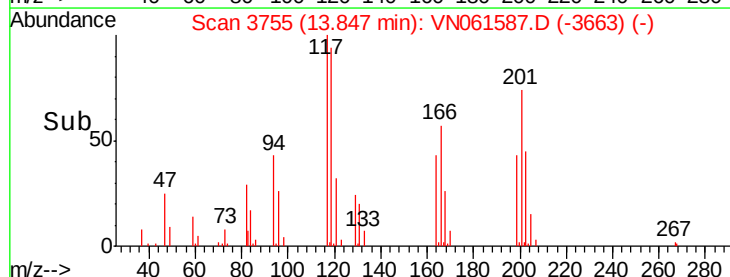
117 100

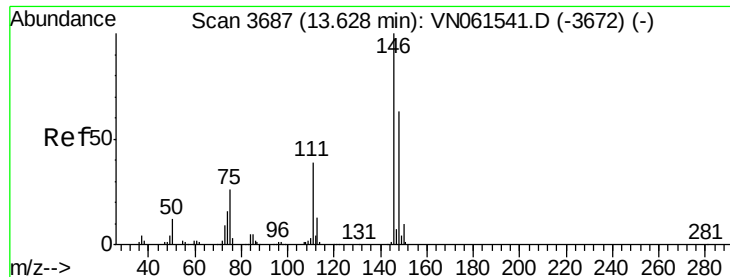
201 72.9 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

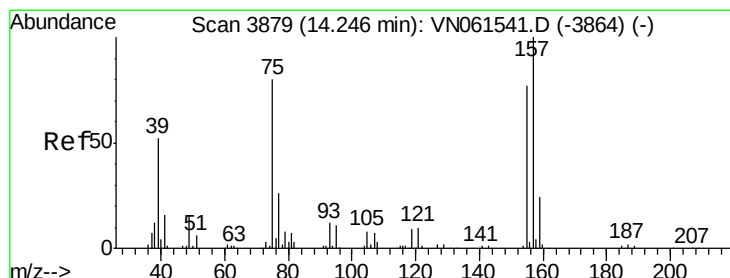
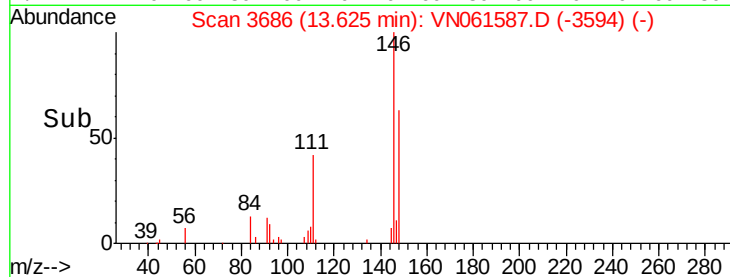
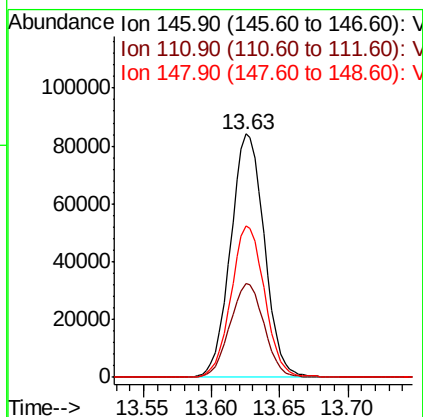
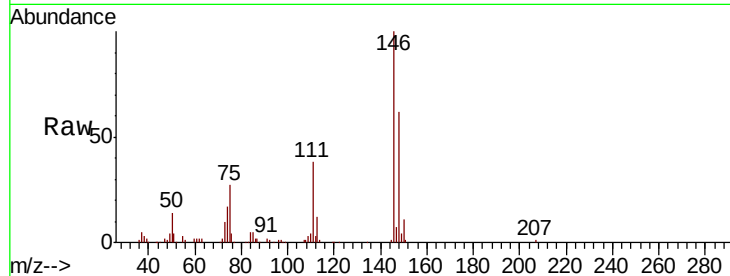




#91
 1,2-Dichlorobenzene
 Concen: 18.924 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

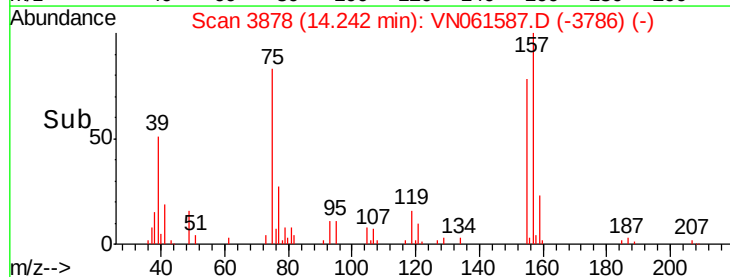
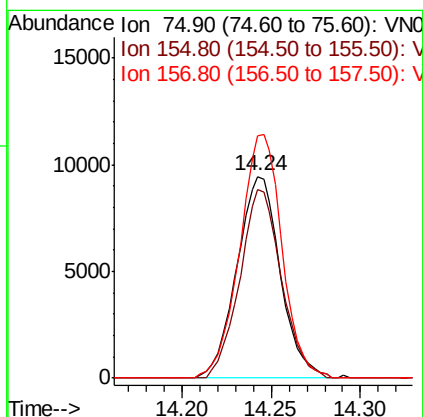
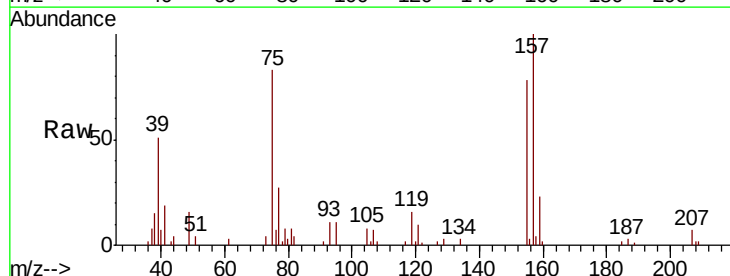
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

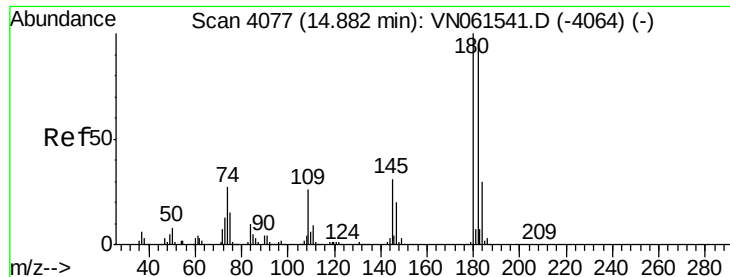
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	61.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.747 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	47.1	141.4
157	118.3	60.3	180.8

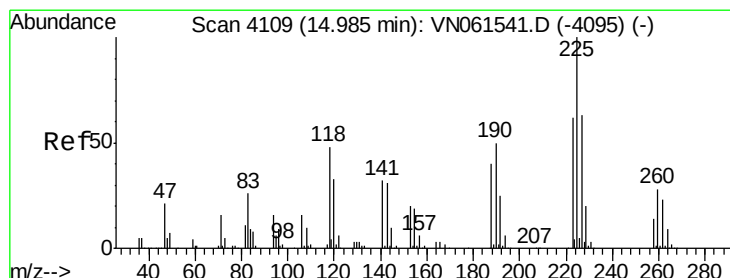
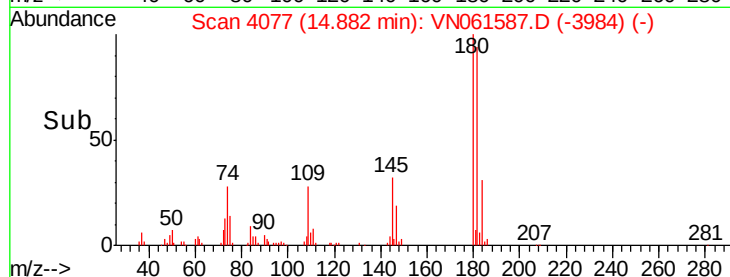
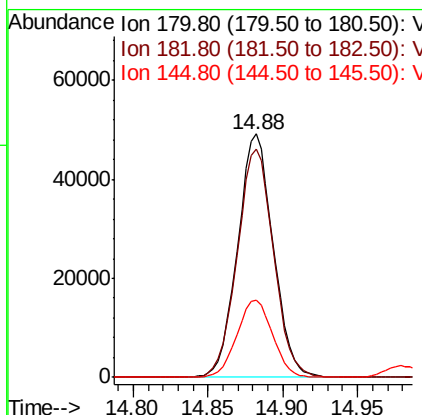
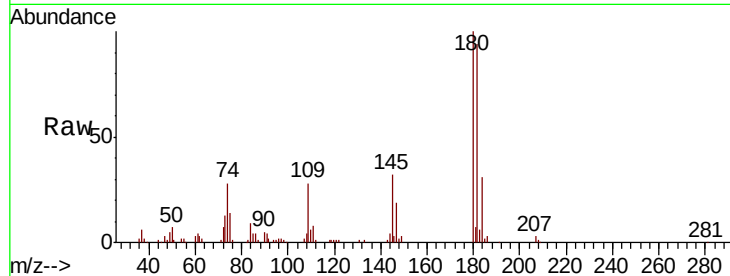




#93
 1,2,4-Trichlorobenzene
 Concen: 18.187 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

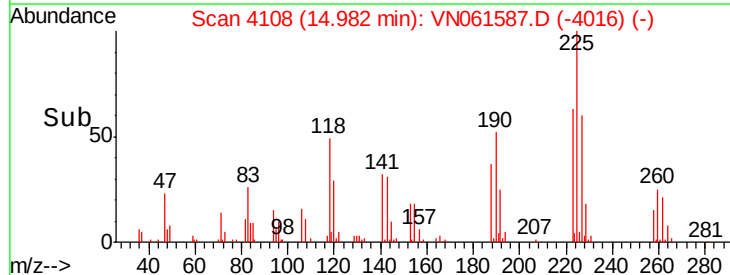
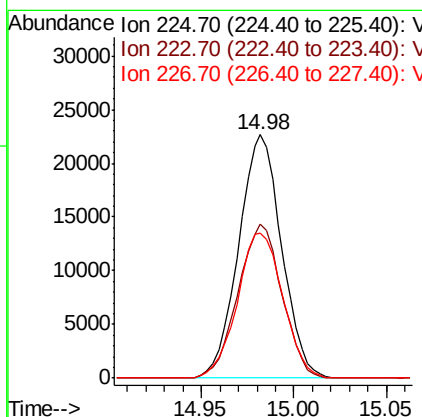
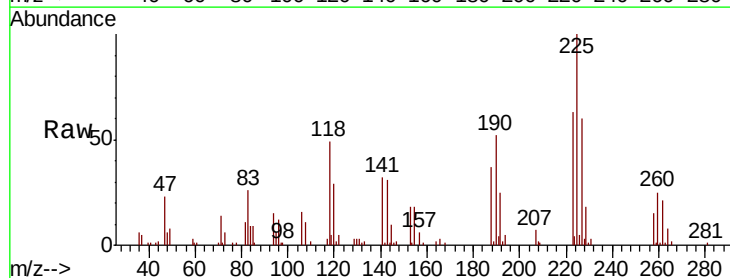
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

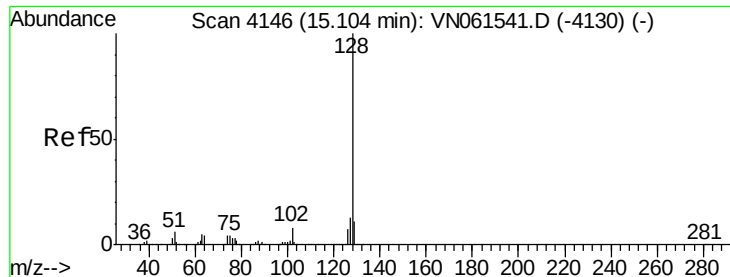
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	31.8	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 19.071 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.9	95.5
227	63.1	31.9	95.9

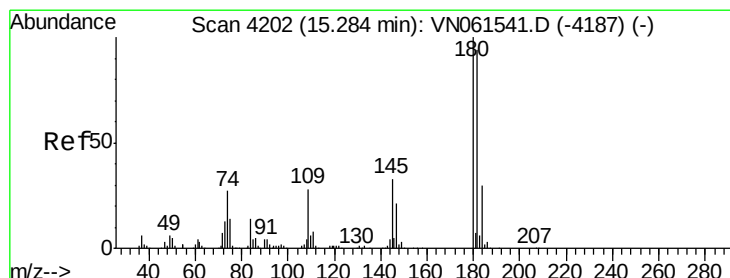
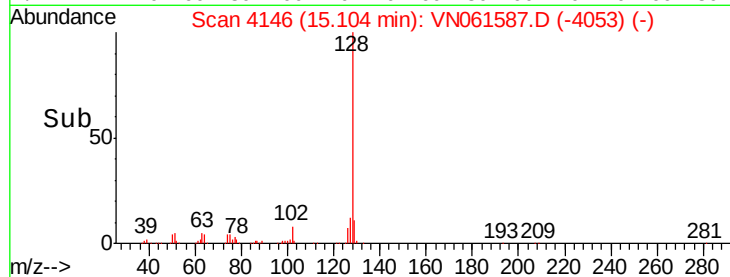
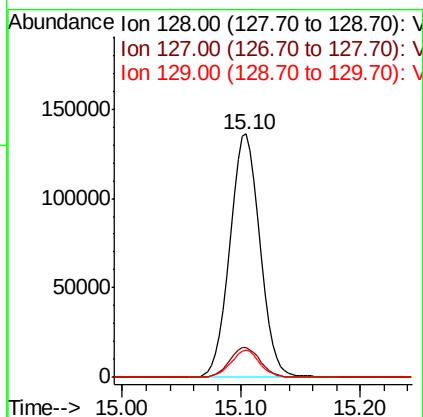
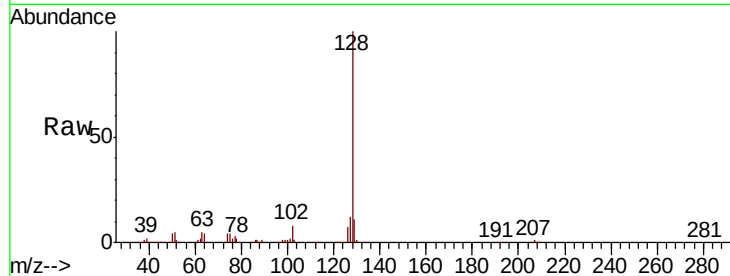




#95
Naphthalene
Concen: 17.508 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampled :
VN0601WBSD01

Tot Ion:128 Resp: 238376
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.453 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion:180 Resp: 81158
Ion Ratio Lower Upper
180 100
182 96.2 47.1 141.3
145 33.7 16.3 48.9

