

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061966.D
 Acq On : 19 Jun 2020 20:48
 Operator : JC/MD
 Sample : L2984-03MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Quant Time: Jun 20 07:39:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	155919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	282480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126273	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112754	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.55	113	91473	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	10.06	98	352048	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	121103	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	86525	42.692	ug/l	98
3) Chloromethane	2.03	50	116463	53.812	ug/l	100
4) Vinyl Chloride	2.16	62	153179	59.371	ug/l	100
5) Bromomethane	2.51	94	81761	41.267	ug/l	93
6) Chloroethane	2.66	64	90551	51.858	ug/l	100
7) Trichlorofluoromethane	2.98	101	135302	43.903	ug/l	99
8) Diethyl Ether	3.37	74	63110	60.913	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	68054	43.043	ug/l	100
10) Methyl Iodide	3.91	142	95704	50.138	ug/l	99
11) Tert butyl alcohol	4.74	59	106237	367.137	ug/l	98
12) 1,1-Dichloroethene	3.69	96	83670	52.815	ug/l	97
13) Acrolein	3.56	56	54792	316.814	ug/l	99
14) Allyl chloride	4.27	41	122387	58.208	ug/l	98
15) Acrylonitrile	4.93	53	252303	351.886	ug/l	98
16) Acetone	3.77	43	363854	589.071	ug/l	98
17) Carbon Disulfide	4.00	76	237810	51.303	ug/l	98
18) Methyl Acetate	4.28	43	121946	68.575	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	317357	60.166	ug/l	99
20) Methylene Chloride	4.50	84	105963	52.656	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	106634	58.601	ug/l	99
22) Diisopropyl ether	5.90	45	280299	58.290	ug/l	99
23) Vinyl Acetate	5.84	43	1157418	306.026	ug/l	98
24) 1,1-Dichloroethane	5.80	63	172891	54.923	ug/l	99
25) 2-Butanone	6.78	43	3016287	3347.014	ug/l	99
26) 2,2-Dichloropropane	6.77	77	125736	47.476	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	144799	68.965	ug/l	99
28) Bromochloromethane	7.15	49	79332	56.602	ug/l	92
29) Tetrahydrofuran	7.16	42	258158	435.285	ug/l	91
30) Chloroform	7.33	83	184004	54.694	ug/l	100
31) Cyclohexane	7.61	56	120619	43.771	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	150751	52.616	ug/l	98
36) 1,1-Dichloropropene	7.75	75	128494	49.871	ug/l	99
37) Ethyl Acetate	6.88	43	146696	72.910	ug/l	98
38) Carbon Tetrachloride	7.73	117	121657	47.681	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	114984	41.445	ug/l	98
40) Benzene	8.00	78	414701	53.134	ug/l	99
41) Methacrylonitrile	7.15	41	338163	393.045	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	147280	55.342	ug/l	100
43) Isopropyl Acetate	8.13	43	227166	66.996	ug/l	98
44) Trichloroethene	8.80	130	103600	50.437	ug/l	100
45) 1,2-Dichloropropane	9.08	63	104906	54.694	ug/l	99
46) Dibromomethane	9.17	93	74757	55.348	ug/l	97
47) Bromodichloromethane	9.37	83	148627	53.739	ug/l	99
48) Methyl methacrylate	9.17	41	110081	71.390	ug/l	93
49) 1,4-Dioxane	9.17	88	39995	1129.738	ug/l #	77
51) 4-Methyl-2-Pentanone	9.95	43	726008	362.334	ug/l	99
52) Toluene	10.12	92	290938	59.354	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	163158	55.571	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	176534	55.357	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	108681	56.353	ug/l	99
56) Ethyl methacrylate	10.40	69	166247	56.061	ug/l	97
57) 1,3-Dichloropropane	10.68	76	184611	56.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	234297	230.191	ug/l	97
59) 2-Hexanone	10.72	43	567383	348.841	ug/l	100
60) Dibromochloromethane	10.87	129	115060	53.467	ug/l	100
61) 1,2-Dibromoethane	10.98	107	113518	56.370	ug/l	99
64) Tetrachloroethene	10.60	164	77875	46.165	ug/l	98
65) Chlorobenzene	11.41	112	281670	50.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	101062	51.887	ug/l	98
67) Ethyl Benzene	11.48	91	488456	52.166	ug/l	99
68) m/p-Xylenes	11.60	106	375633	104.038	ug/l	99
69) o-Xylene	11.92	106	181669	52.734	ug/l	97
70) Styrene	11.94	104	320425	55.549	ug/l	100
71) Bromoform	12.10	173	81069	57.084	ug/l #	100
73) Isopropylbenzene	12.22	105	463321	51.634	ug/l	100
74) N-amyl acetate	12.05	43	224108	67.803	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	170999	58.614	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	217463	87.720	ug/l #	100
77) Bromobenzene	12.50	156	118416	52.309	ug/l	94
78) n-propylbenzene	12.57	91	524297	51.207	ug/l	99
79) 2-Chlorotoluene	12.65	91	320575	52.132	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	379683	51.145	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	57218	62.950	ug/l	99
82) 4-Chlorotoluene	12.75	91	332061	52.259	ug/l	99
83) tert-Butylbenzene	12.97	119	304407	48.368	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	391769	53.461	ug/l	100
85) sec-Butylbenzene	13.15	105	405163	49.185	ug/l	99
86) p-Isopropyltoluene	13.26	119	365530	49.798	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	209048	50.631	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208632	49.365	ug/l	98
89) n-Butylbenzene	13.59	91	303559	49.519	ug/l	100
90) Hexachloroethane	13.85	117	65190	48.517	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	206925	52.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	35059	74.024	ug/l	95

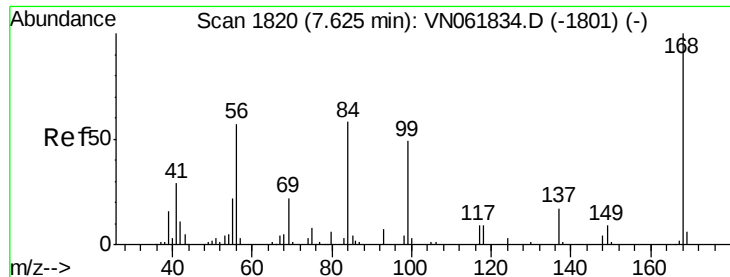
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	101455	54.091	ug/l	99
94) Hexachlorobutadiene	14.98	225	40691	55.082	ug/l	97
95) Naphthalene	15.10	128	374307	58.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	100017	53.843	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

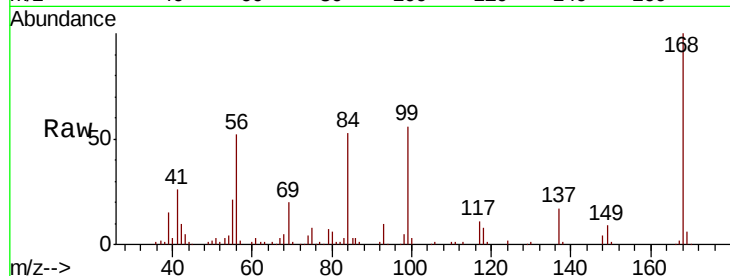
S49-0563MSD

Tot Ion:168 Resp: 155919

Ion Ratio Lower Upper

168 100

99 56.2 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

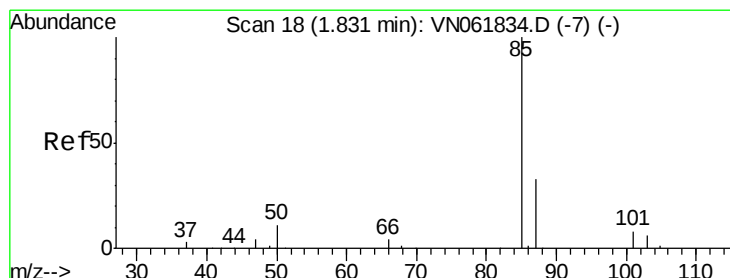
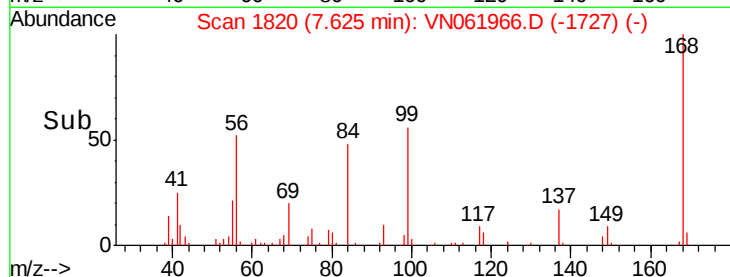
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.692 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061966.D

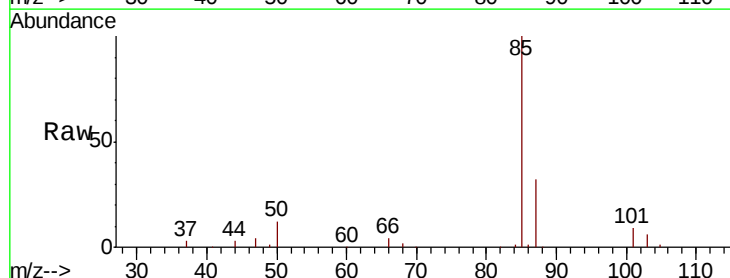
Acq: 19 Jun 2020 20:48

Tgt Ion: 85 Resp: 86525

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

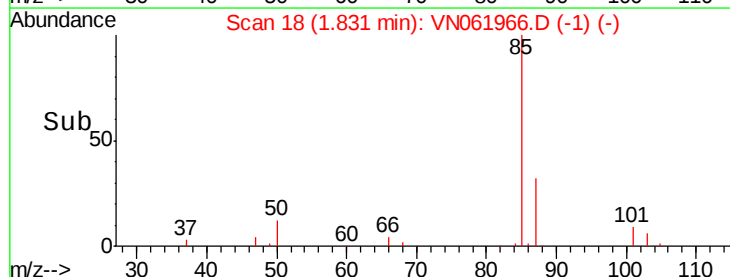
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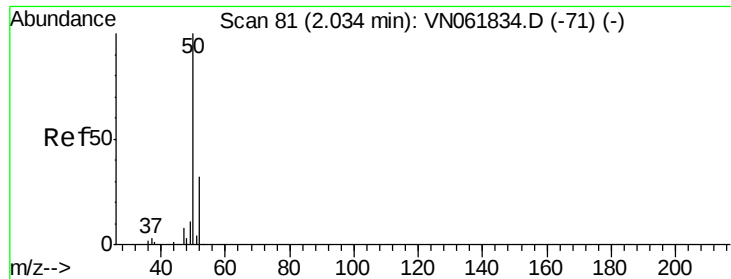
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 53.812 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

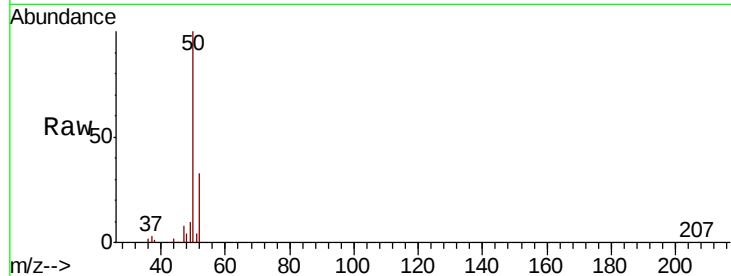
S49-0563MSD

Tot Ion: 50 Resp: 116463

Ion Ratio Lower Upper

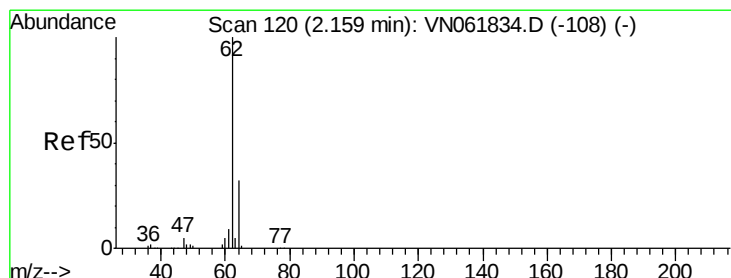
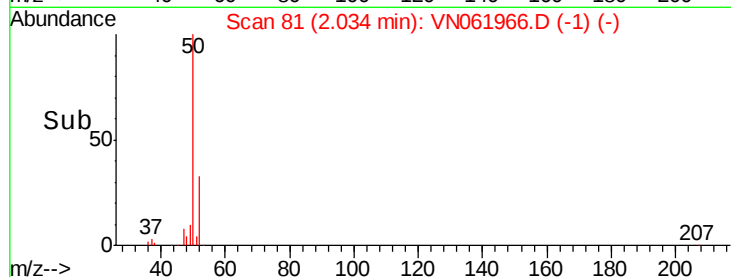
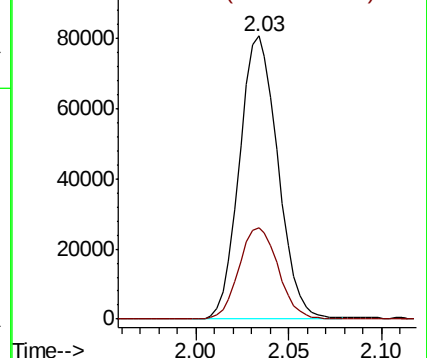
50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 59.371 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061966.D

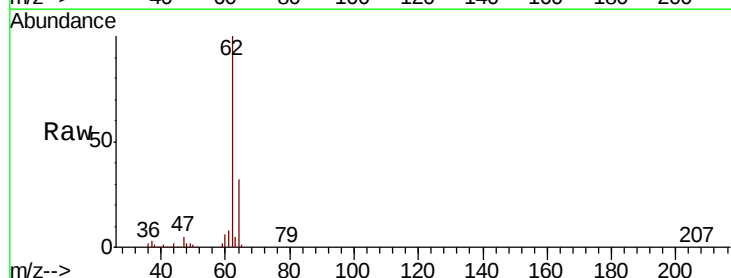
Acq: 19 Jun 2020 20:48

Tgt Ion: 62 Resp: 153179

Ion Ratio Lower Upper

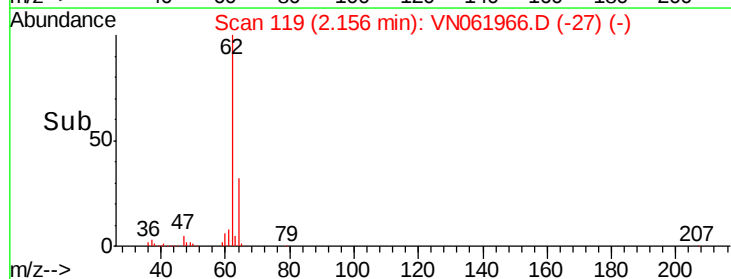
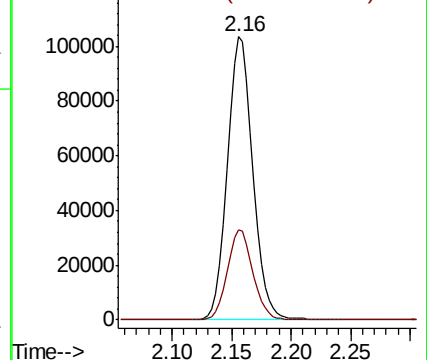
62 100

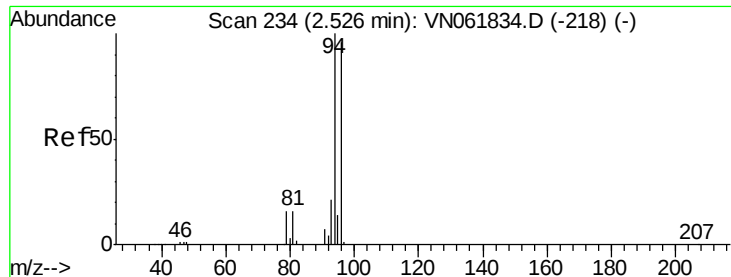
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 41.267 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

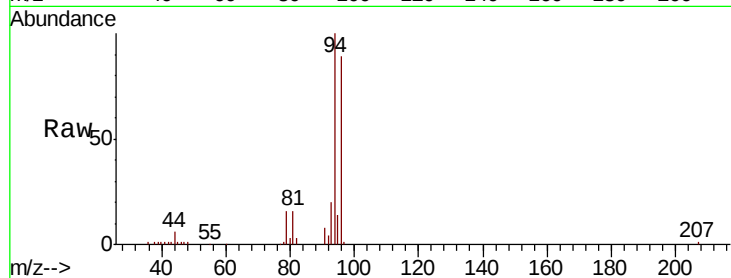
S49-0563MSD

Tot Ion: 94 Resp: 81761

Ion Ratio Lower Upper

94 100

96 89.5 76.7 115.1

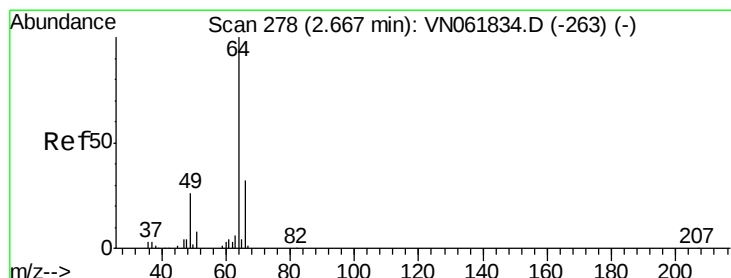
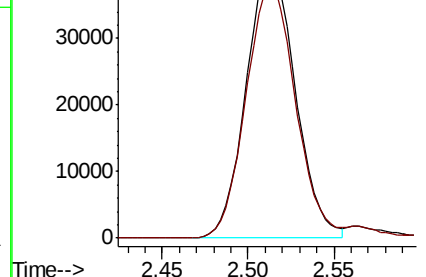
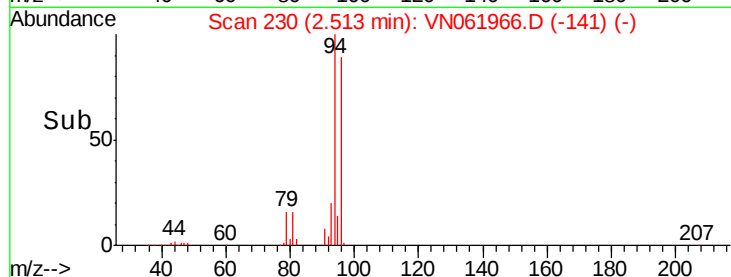


Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)

2.51

Time-->



#6

Chloroethane

Concen: 51.858 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061966.D

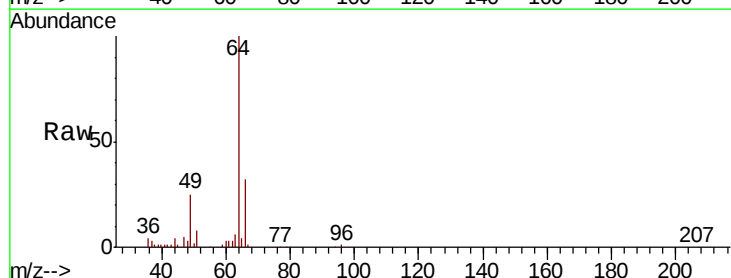
Acq: 19 Jun 2020 20:48

Tgt Ion: 64 Resp: 90551

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.2

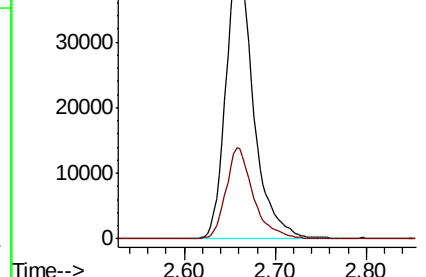
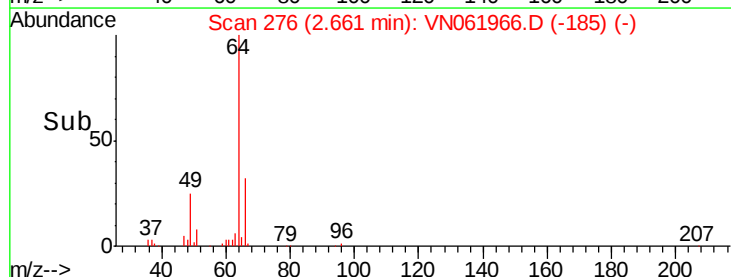


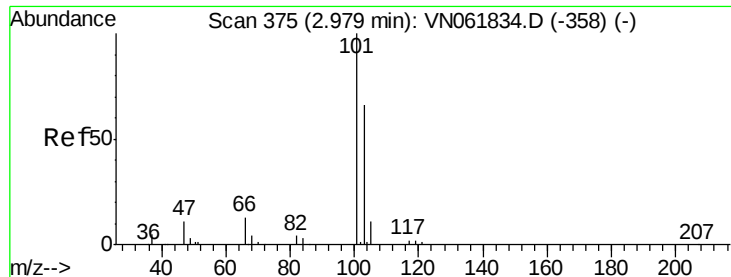
Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)

2.66

Time-->



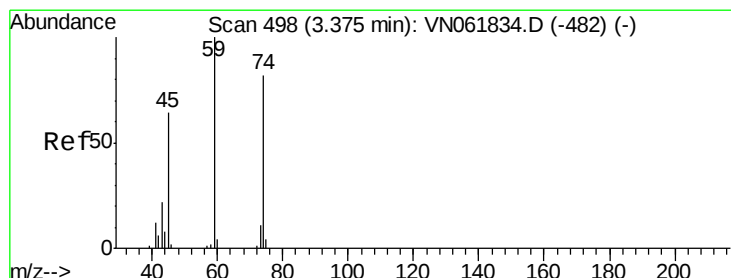
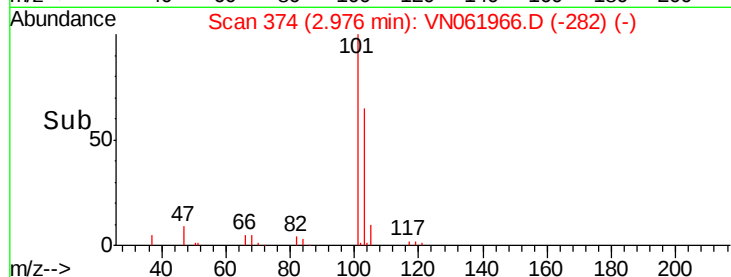
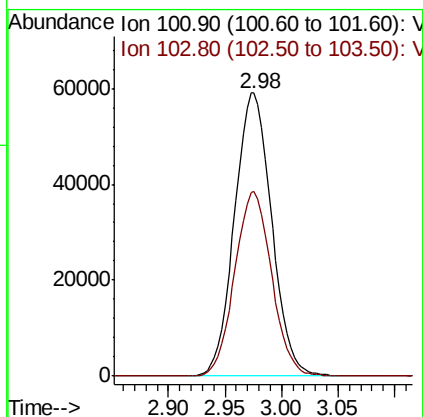
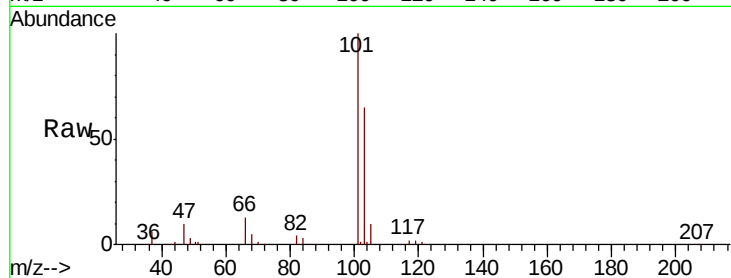


#7

Trichlorofluoromethane
Concen: 43.903 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
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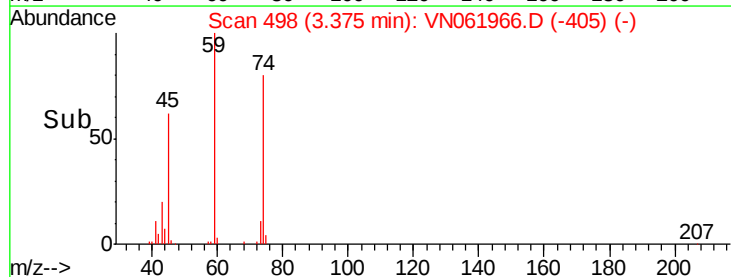
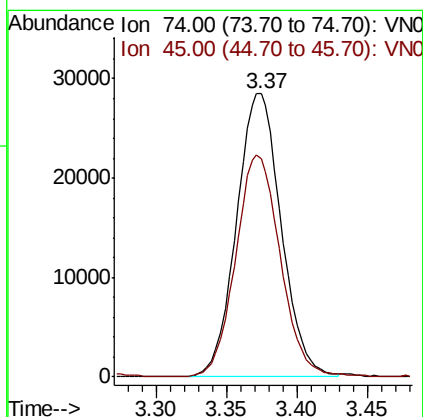
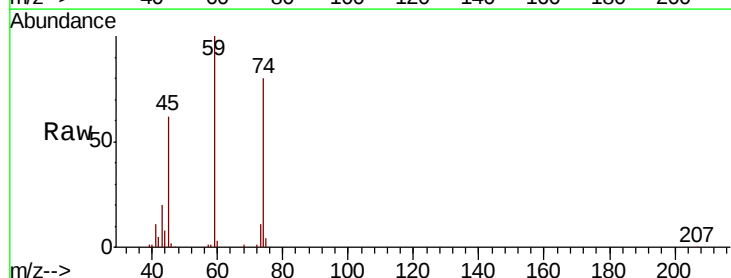
Tot Ion:101 Resp: 135302
Ion Ratio Lower Upper
101 100
103 65.4 52.8 79.2

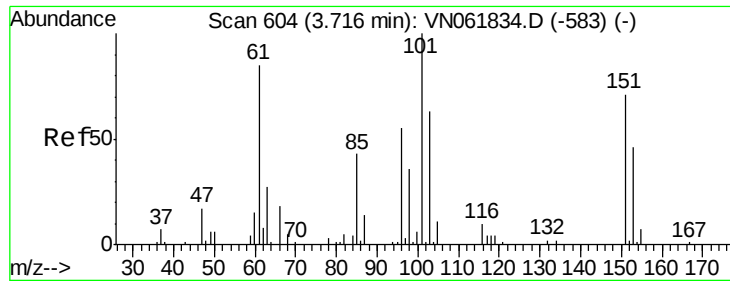


#8

Diethyl Ether
Concen: 60.913 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 74 Resp: 63110
Ion Ratio Lower Upper
74 100
45 78.5 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.043 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

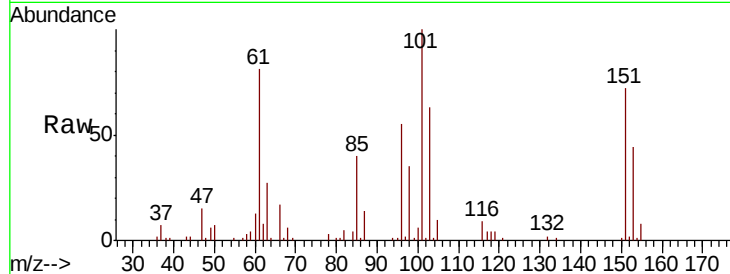
Tot Ion:101 Resp: 68054

Ion Ratio Lower Upper

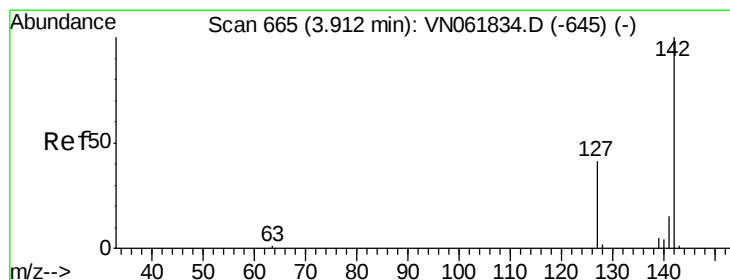
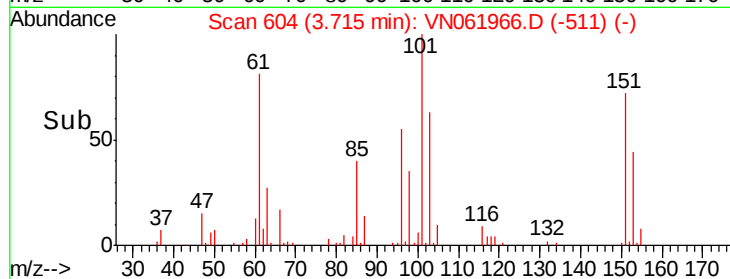
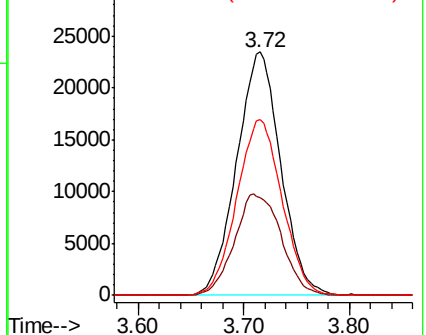
101 100

85 44.2 35.0 52.6

151 74.2 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.138 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

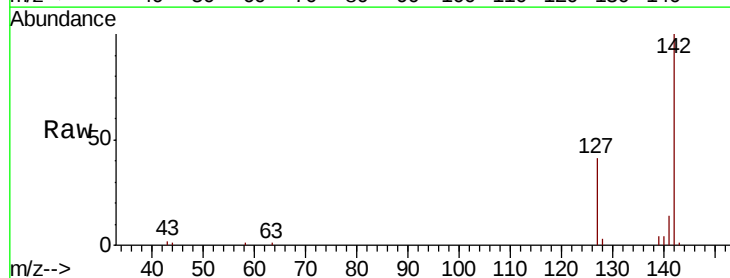
Tgt Ion:142 Resp: 95704

Ion Ratio Lower Upper

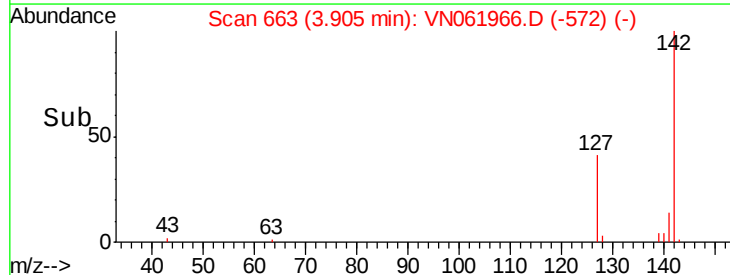
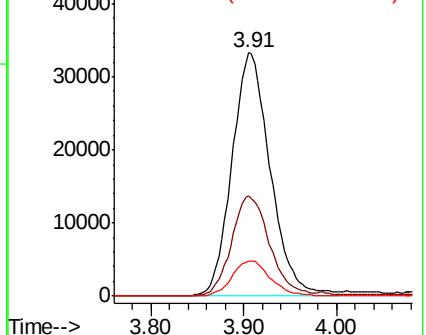
142 100

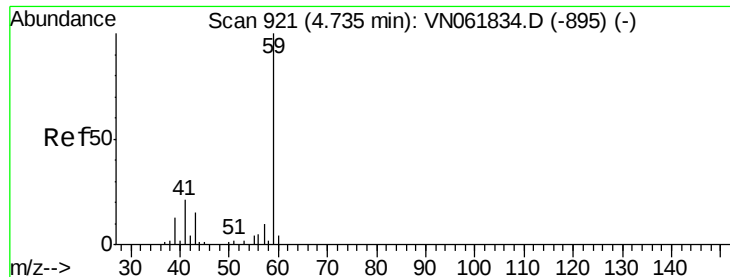
127 40.8 33.4 50.0

141 14.4 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



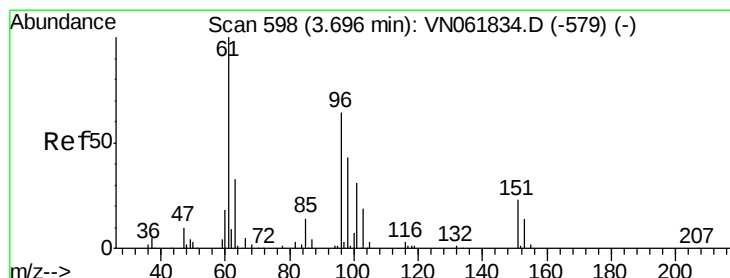
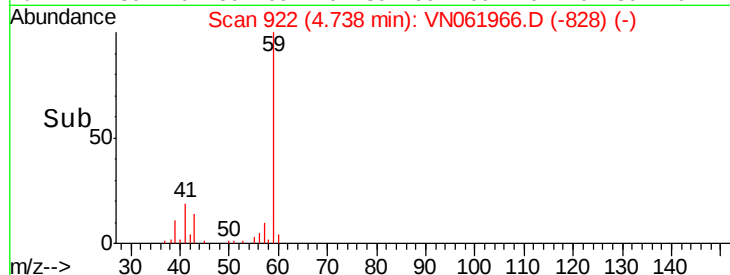
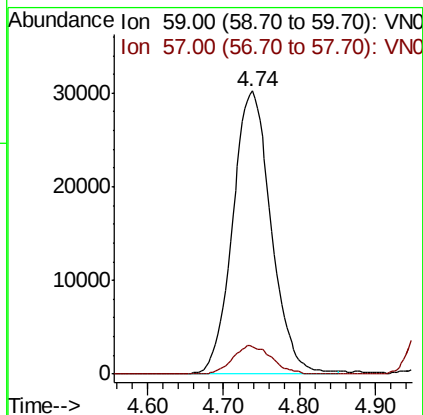
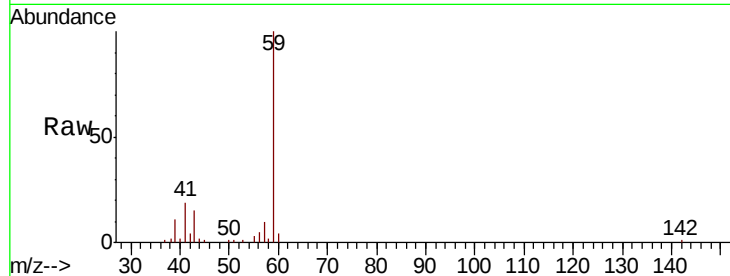


#11

Tert butyl alcohol
Concen: 367.137 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

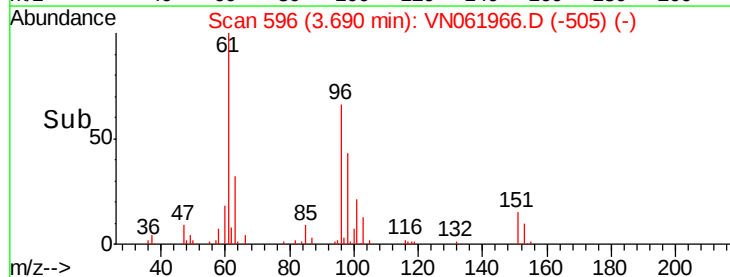
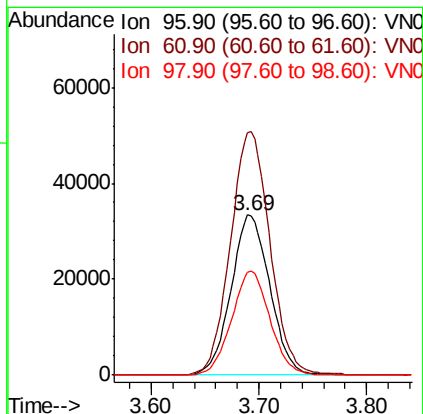
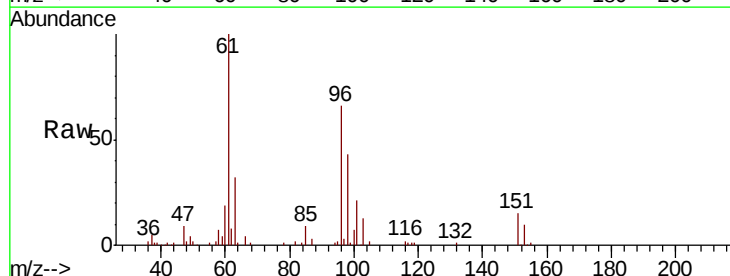
Tot Ion: 59 Resp: 106237
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5

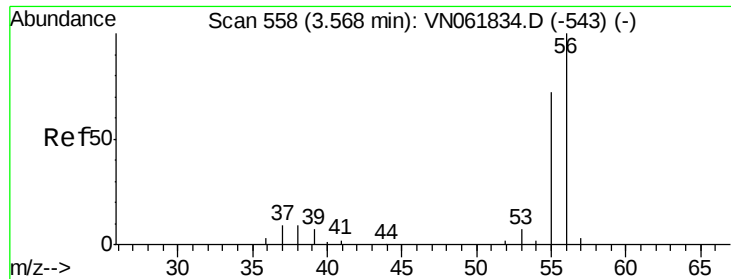


#12

1,1-Dichloroethene
Concen: 52.815 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.01 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 96 Resp: 83670
Ion Ratio Lower Upper
96 100
61 151.9 124.3 186.5
98 64.7 53.1 79.7





#13

Acrolein

Concen: 316.814 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

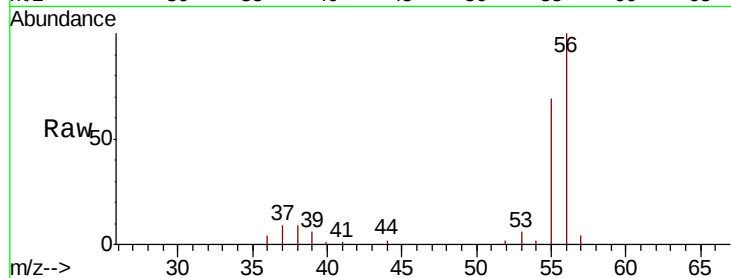
S49-0563MSD

Tot Ion: 56 Resp: 54792

Ion Ratio Lower Upper

56 100

55 69.6 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

3.56

25000

20000

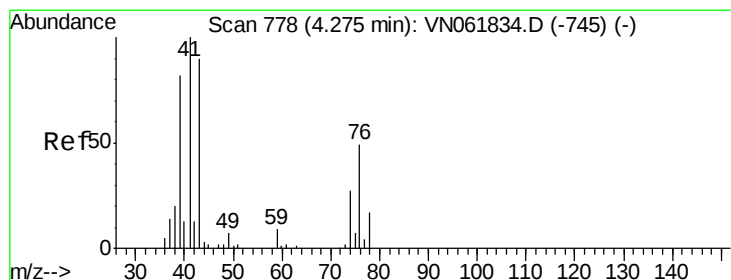
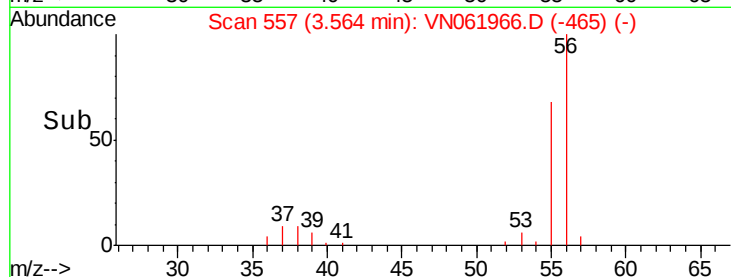
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 58.208 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

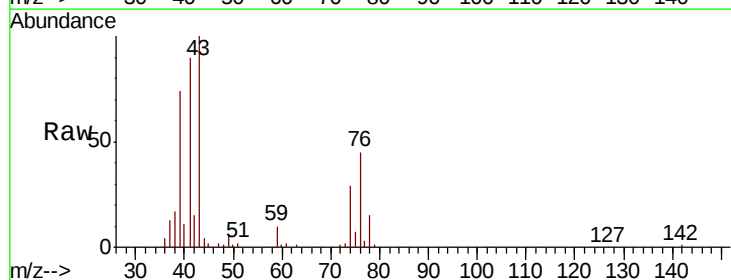
Tgt Ion: 41 Resp: 122387

Ion Ratio Lower Upper

41 100

39 73.3 60.2 90.2

76 43.9 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

4.27

50000

40000

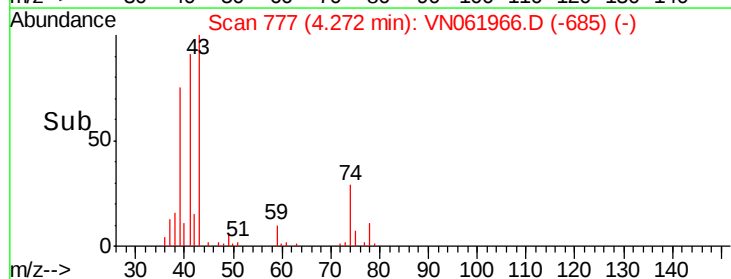
30000

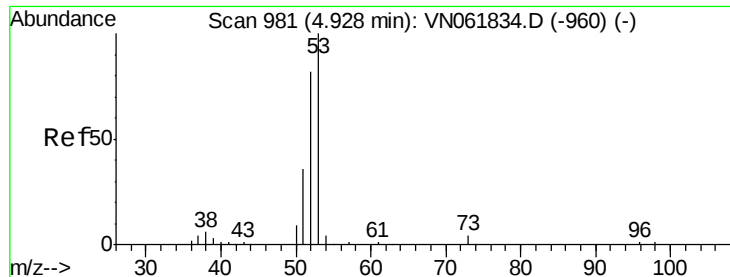
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 351.886 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

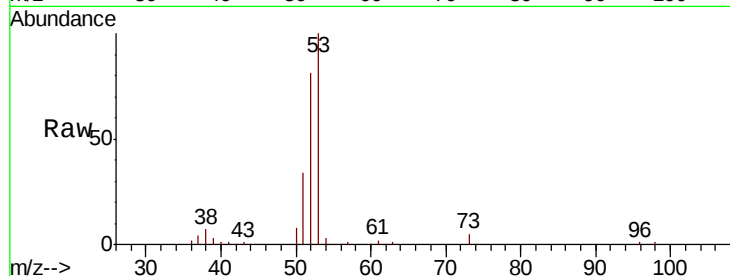
Tot Ion: 53 Resp: 252303

Ion Ratio Lower Upper

53 100

52 83.2 65.2 97.8

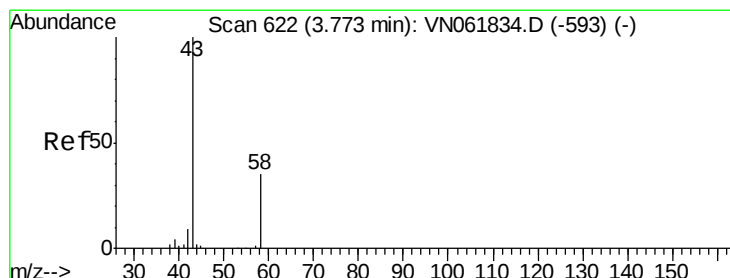
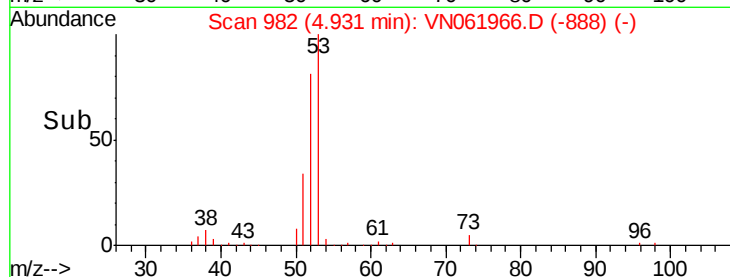
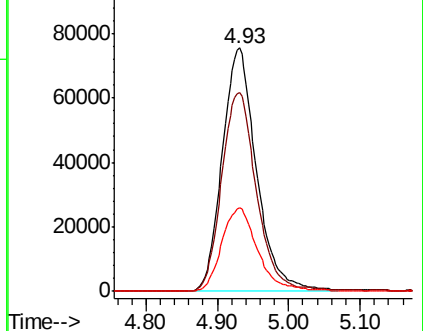
51 36.2 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 589.071 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061966.D

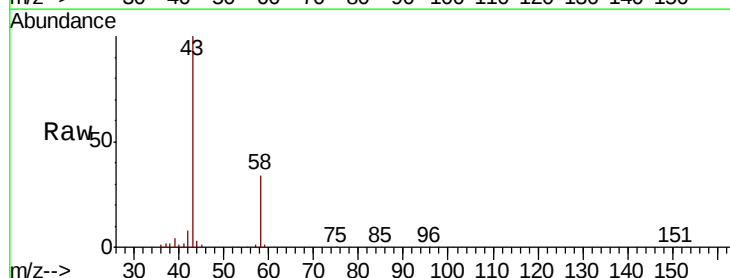
Acq: 19 Jun 2020 20:48

Tgt Ion: 43 Resp: 363854

Ion Ratio Lower Upper

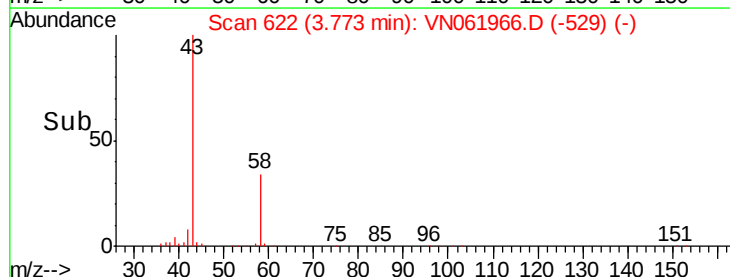
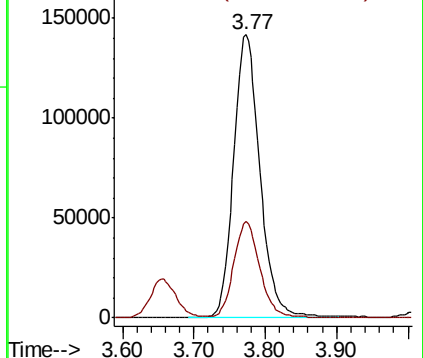
43 100

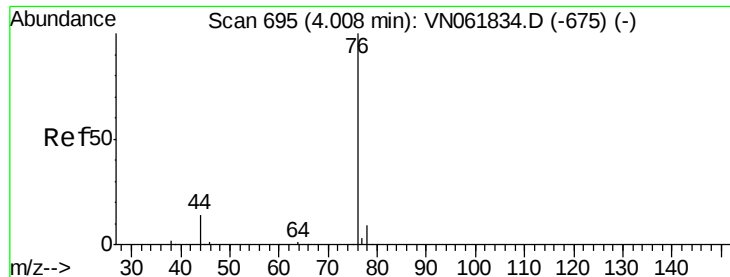
58 33.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

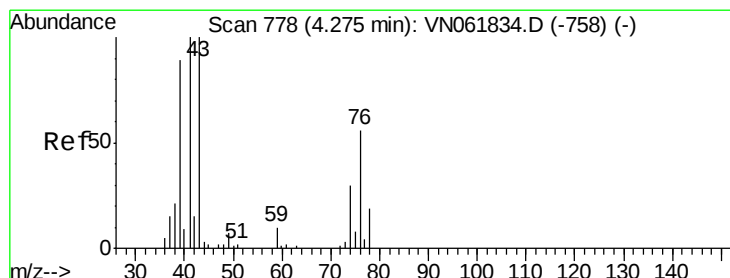
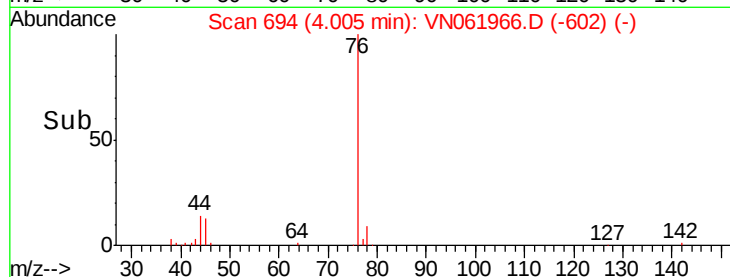
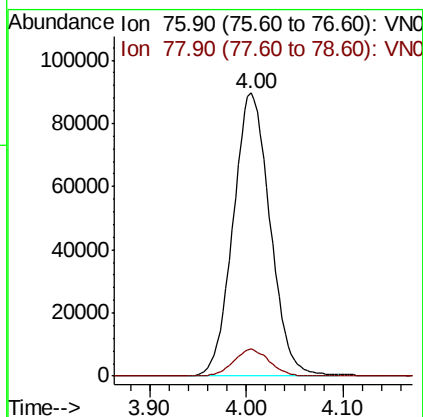
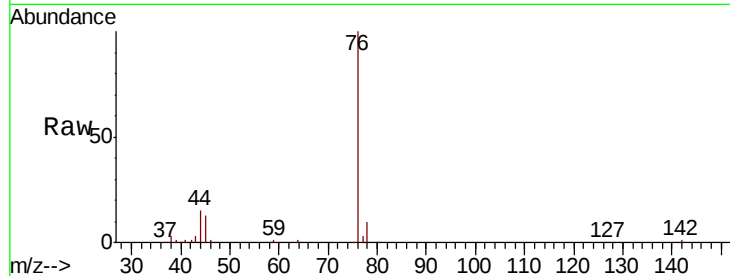




#17
Carbon Disulfide
Concen: 51.303 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

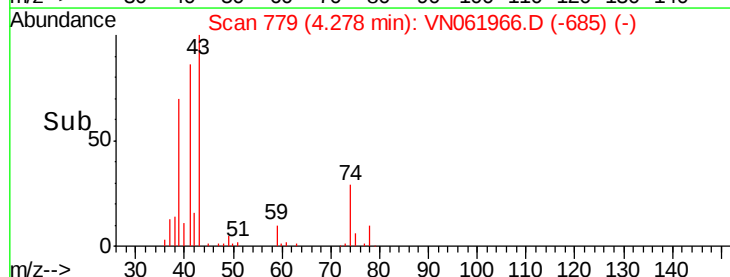
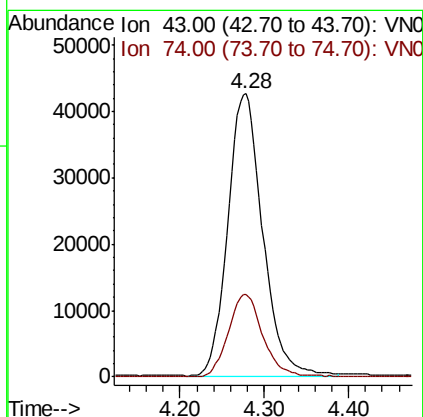
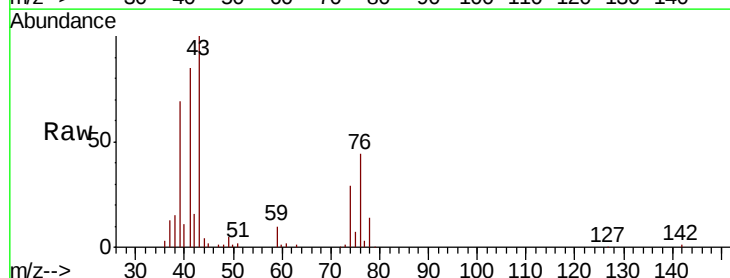
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

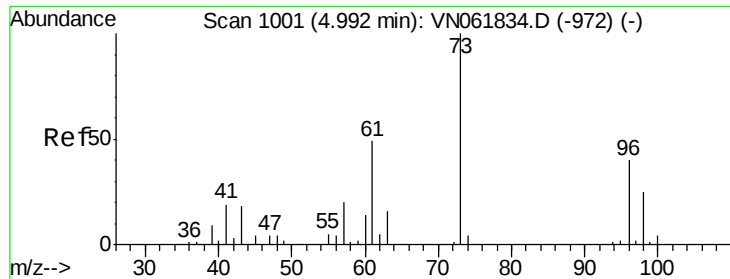
Tot Ion: 76 Resp: 237810
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 68.575 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 43 Resp: 121946
Ion Ratio Lower Upper
43 100
74 28.9 23.0 34.4

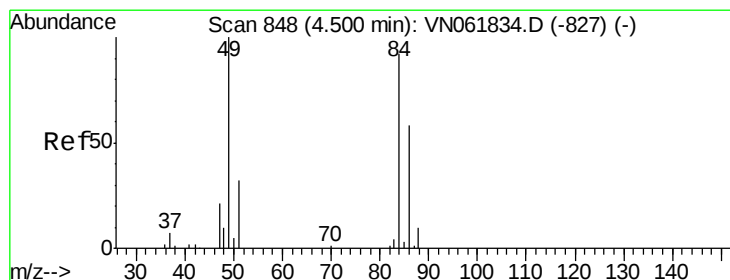
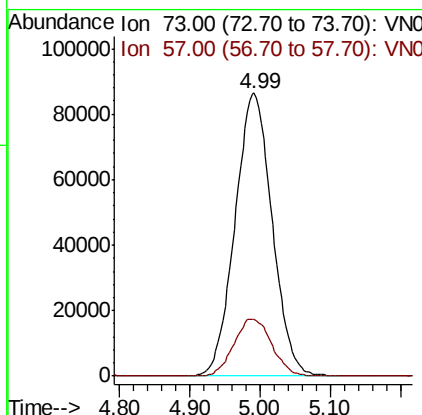
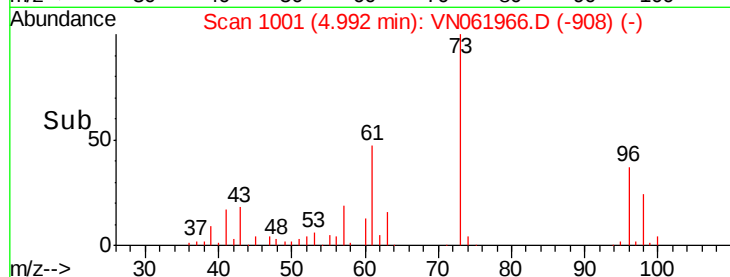
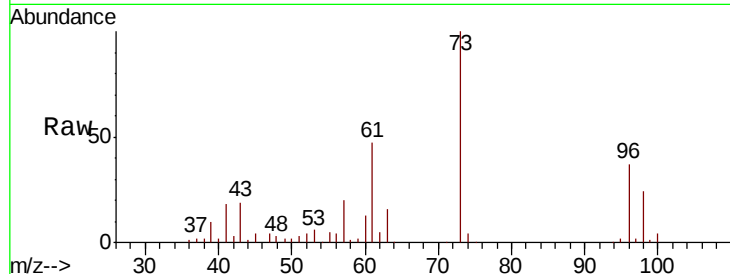




#19
Methvl tert-butvl Ether
Concen: 60.166 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

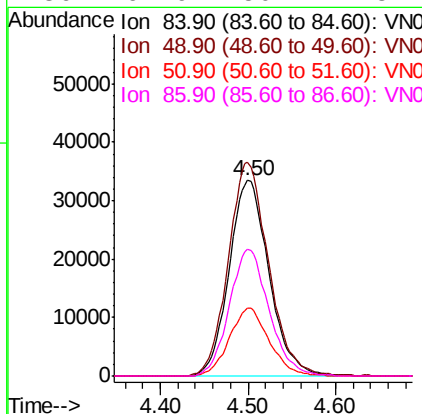
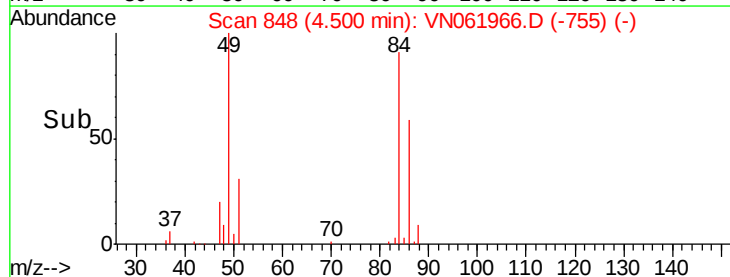
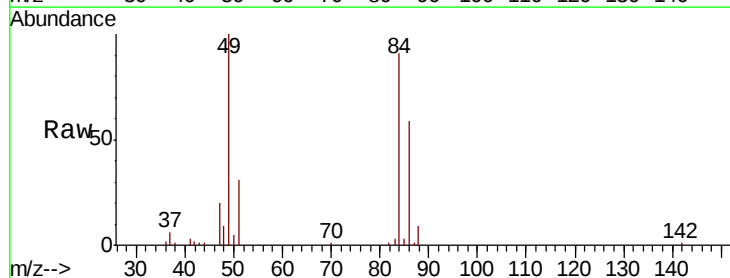
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

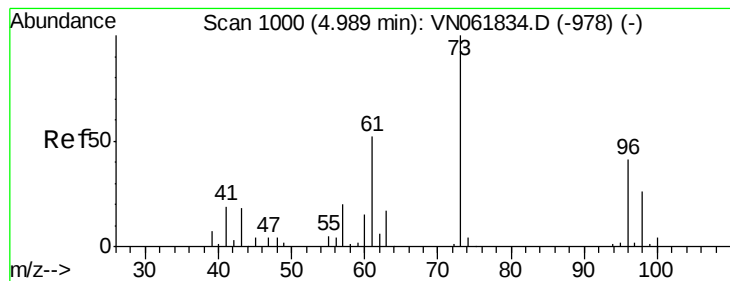
Tot Ion: 73 Resp: 317357
Ion Ratio Lower Upper
73 100
57 19.9 16.2 24.4



#20
Methylene Chloride
Concen: 52.656 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 84 Resp: 105963
Ion Ratio Lower Upper
84 100
49 109.4 87.0 130.4
51 34.4 27.8 41.6
86 64.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 58.601 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

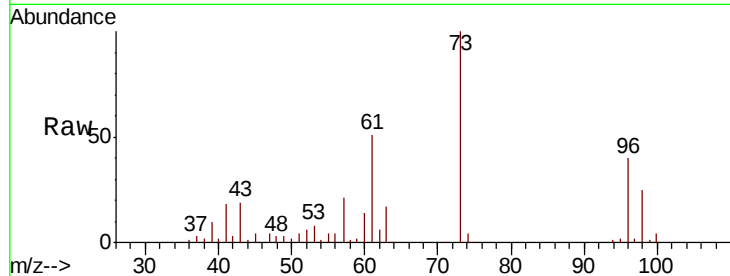
Tot Ion: 96 Resp: 106634

Ion Ratio Lower Upper

96 100

61 127.5 102.2 153.4

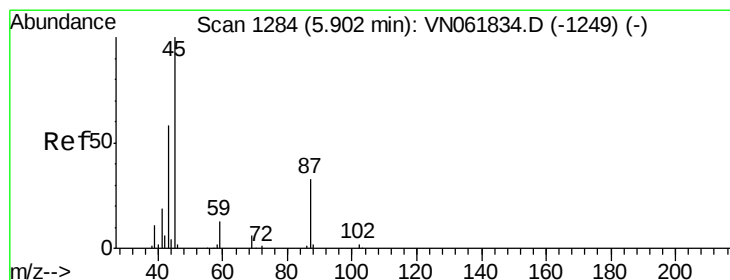
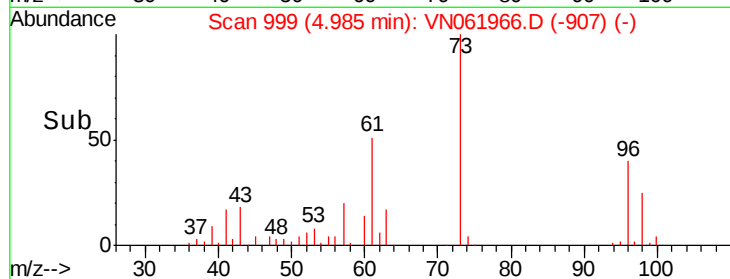
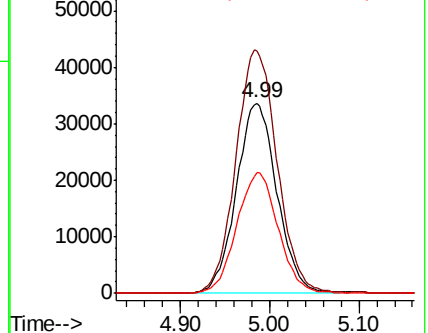
98 63.2 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-978) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-978) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-978) (-)



#22

Diisopropyl ether

Concen: 58.290 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Tgt Ion: 45 Resp: 280299

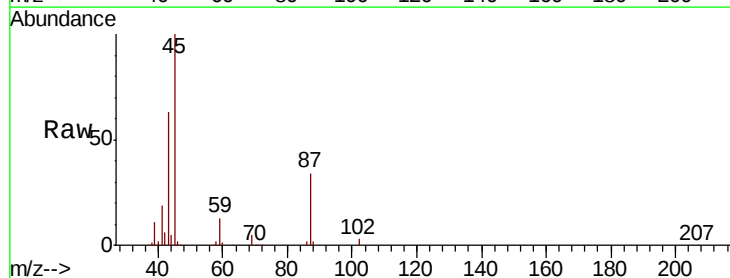
Ion Ratio Lower Upper

45 100

43 61.1 49.4 74.2

87 33.9 27.4 41.0

59 13.0 10.6 15.8

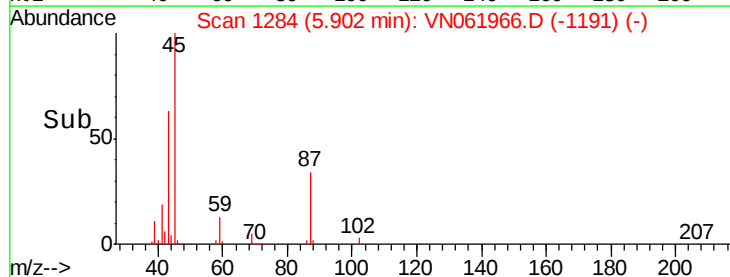
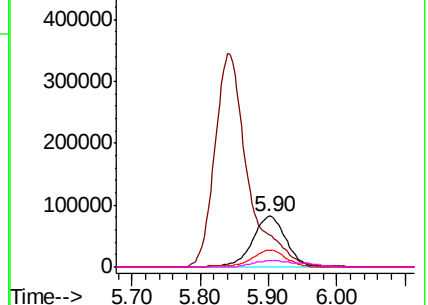


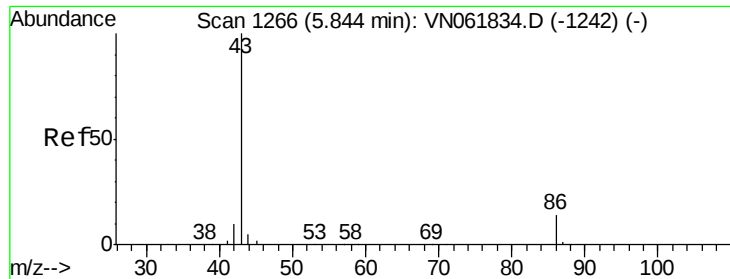
Abundance Ion 45.00 (44.70 to 45.70): VN061834.D (-1249) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-1249) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1249) (-)

Ion 59.00 (58.70 to 59.70): VN061834.D (-1249) (-)

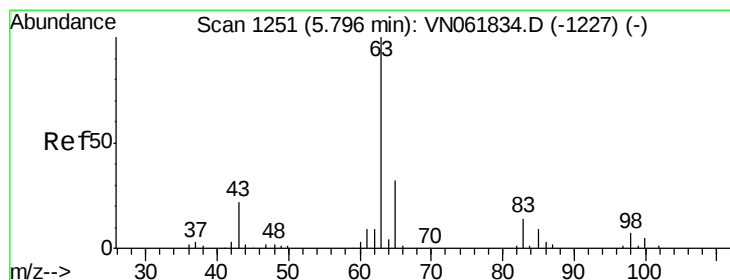
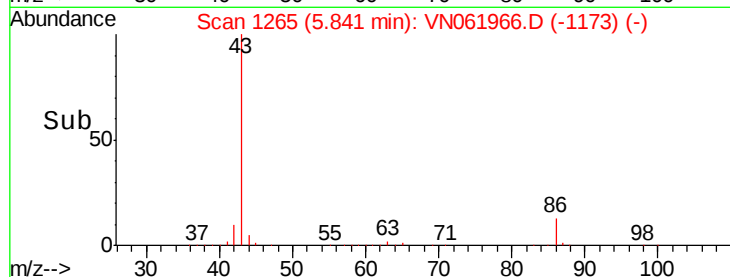
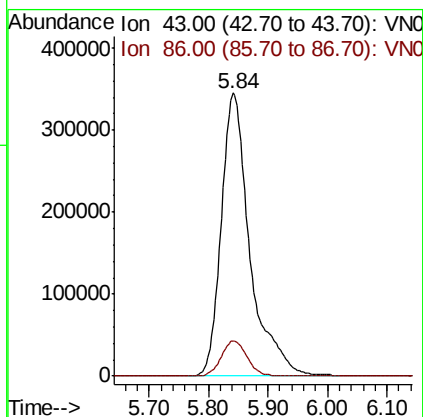
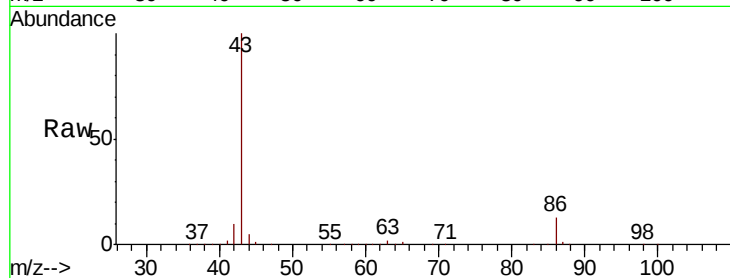




#23
 Vinyl Acetate
 Concen: 306.026 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

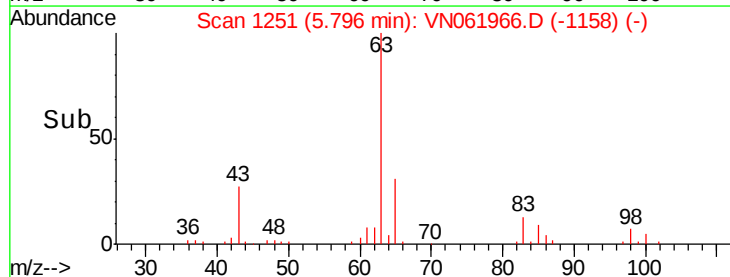
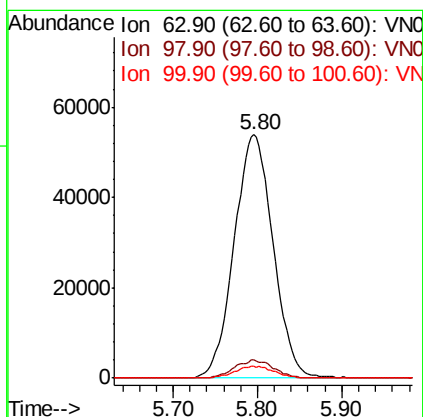
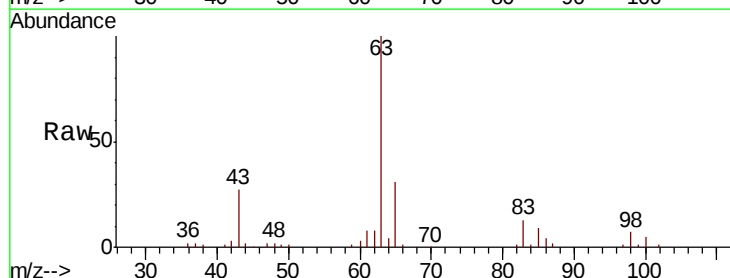
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

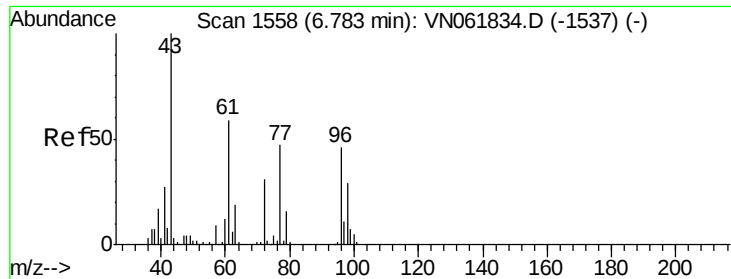
Tot Ion: 43 Resp: 1157418
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 54.923 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 63 Resp: 172891
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.7 2.5 7.4

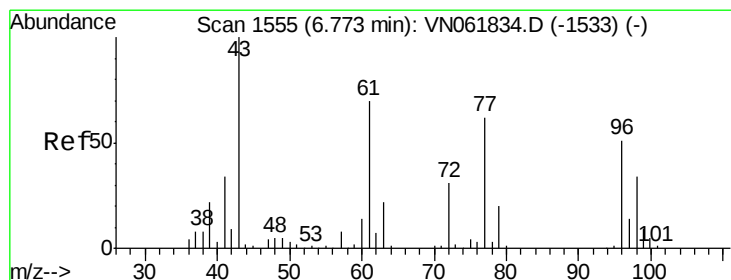
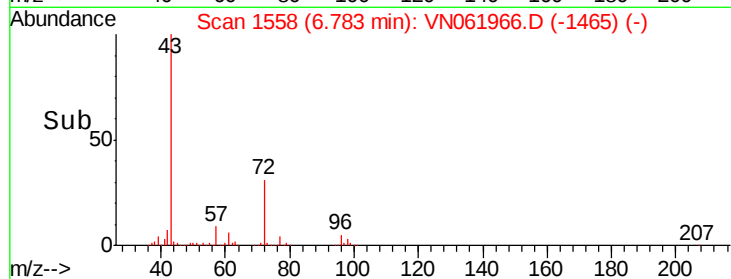
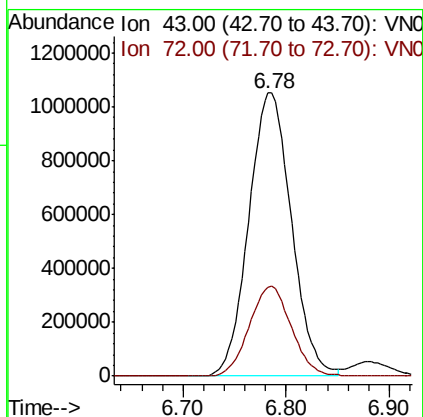
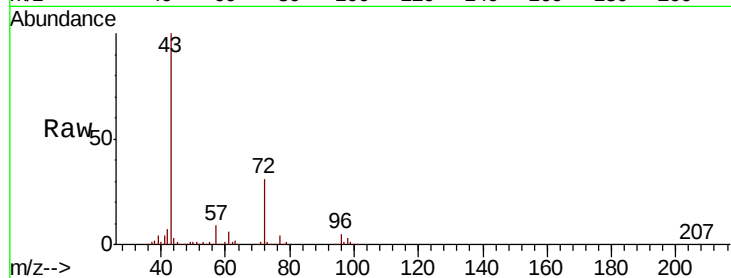




#25
 2-Butanone
 Concen: 3347.014 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

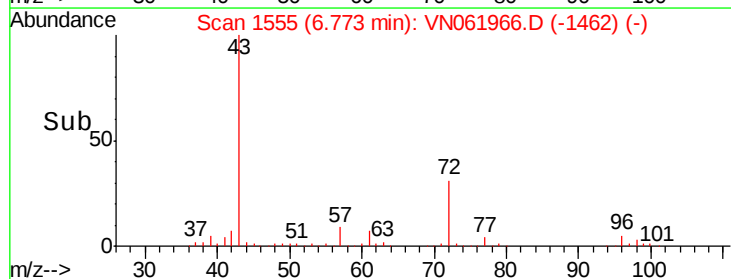
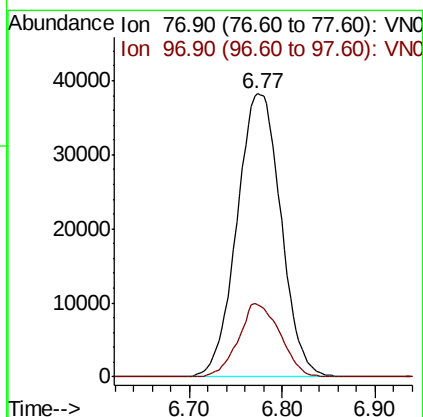
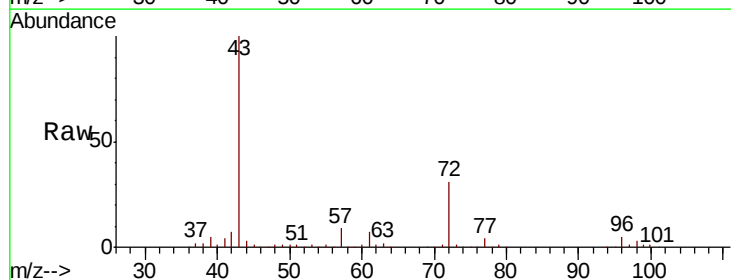
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

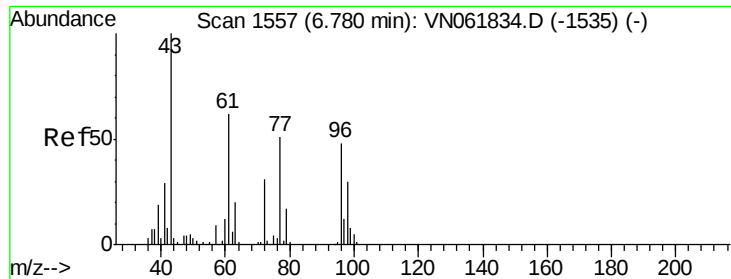
Tot Ion: 43 Resp: 3016287
 Ion Ratio Lower Upper
 43 100
 72 31.5 24.6 37.0



#26
 2,2-Dichloropropane
 Concen: 47.476 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 77 Resp: 125736
 Ion Ratio Lower Upper
 77 100
 97 24.5 11.7 35.0

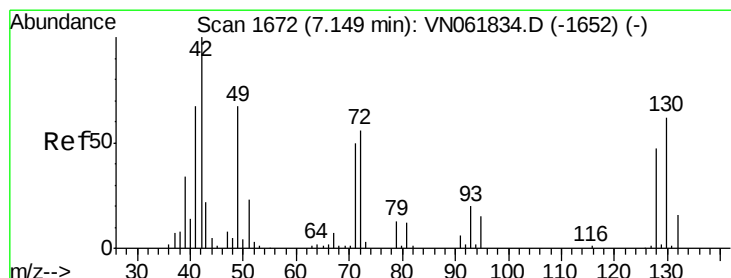
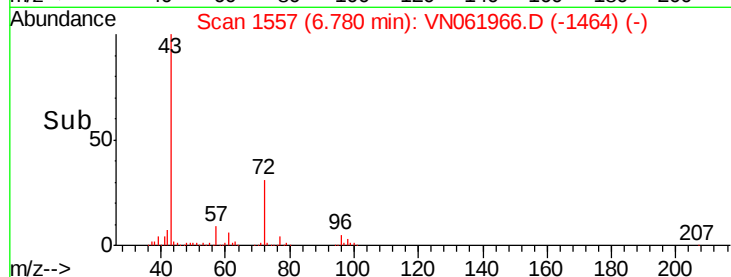
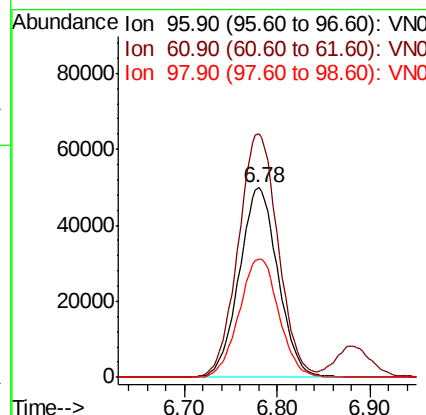
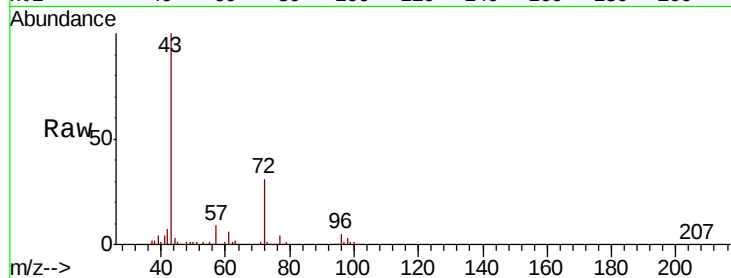




#27
 cis-1,2-Dichloroethene
 Concen: 68.965 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

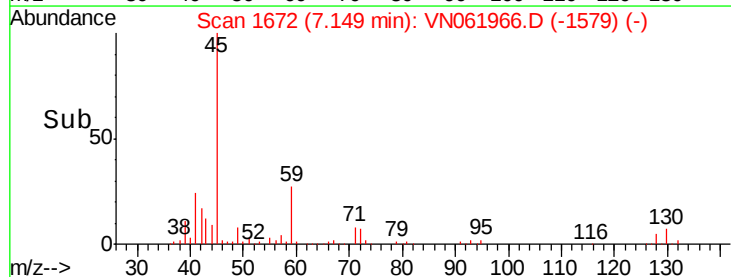
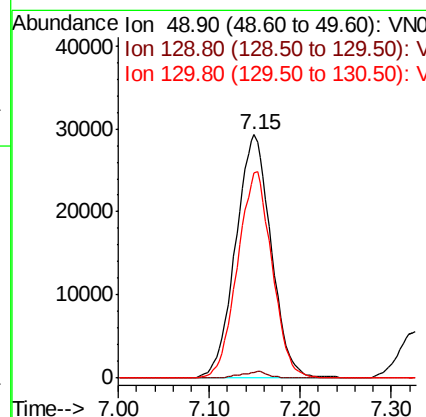
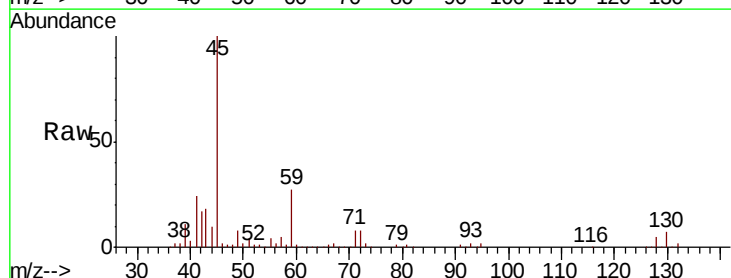
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

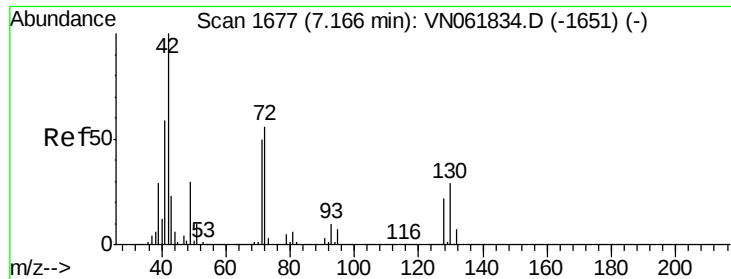
Tot Ion: 96 Resp: 144799
 Ion Ratio Lower Upper
 96 100
 61 131.4 0.0 265.6
 98 63.8 0.0 128.2



#28
 Bromochloromethane
 Concen: 56.602 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 49 Resp: 79332
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 82.6 72.2 108.2

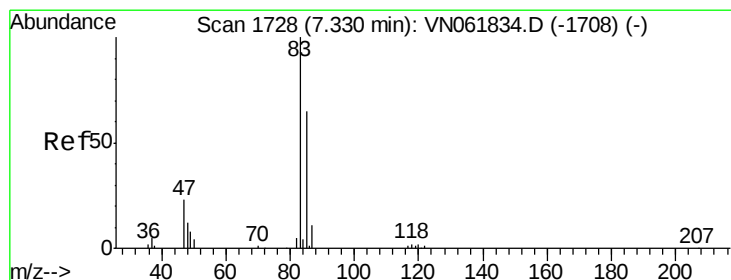
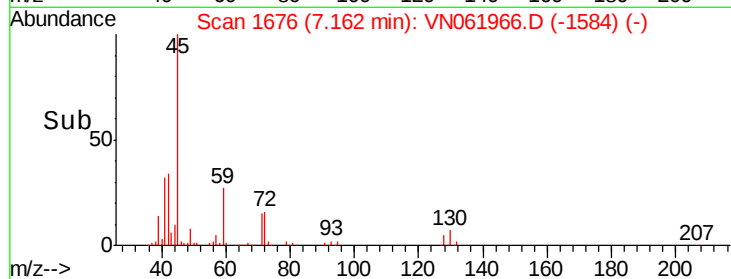
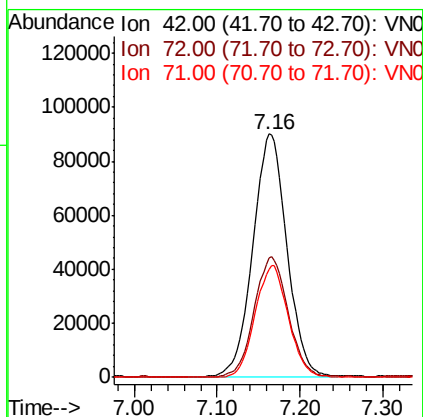
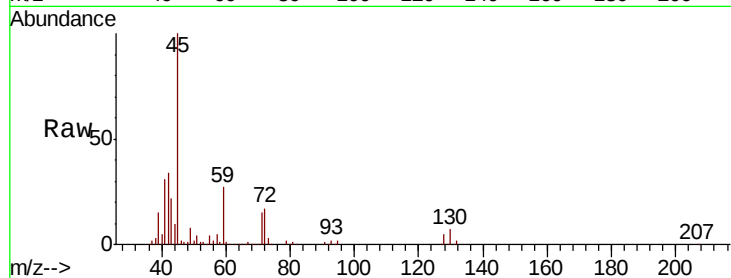




#29
Tetrahydrofuran
Concen: 435.285 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

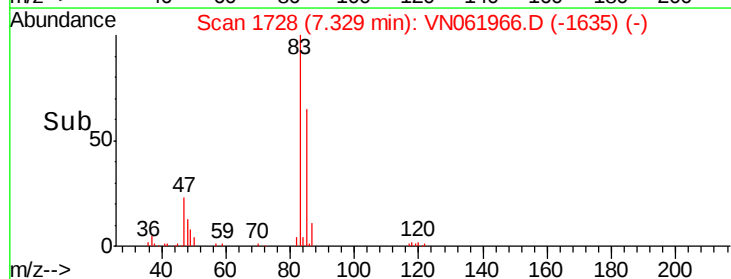
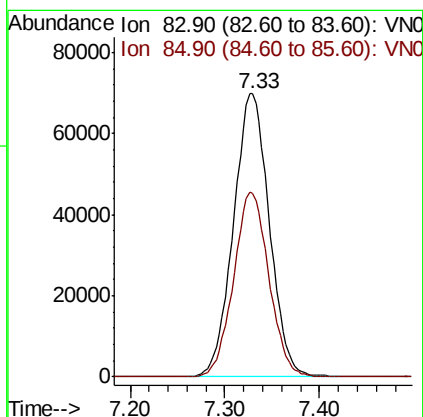
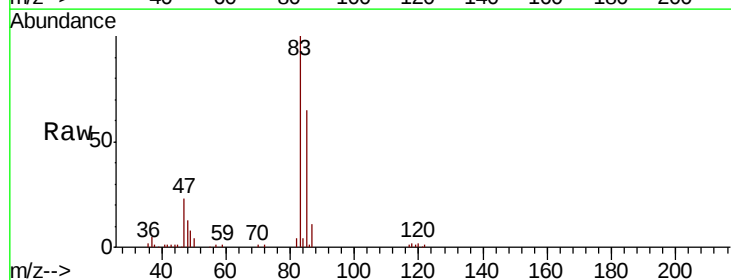
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

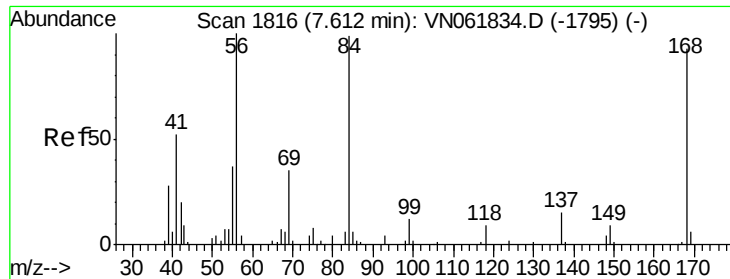
Tot Ion: 42 Resp: 258158
Ion Ratio Lower Upper
42 100
72 48.6 44.0 66.0
71 44.4 40.0 60.0



#30
Chloroform
Concen: 54.694 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 83 Resp: 184004
Ion Ratio Lower Upper
83 100
85 64.9 52.0 78.0

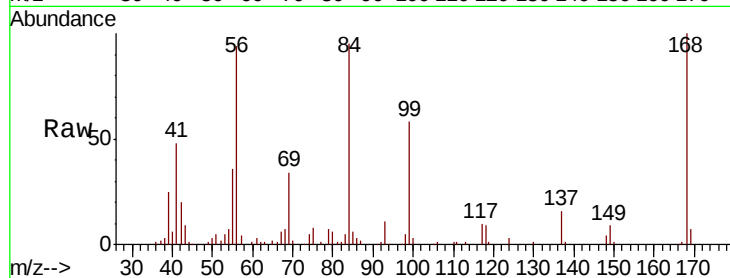




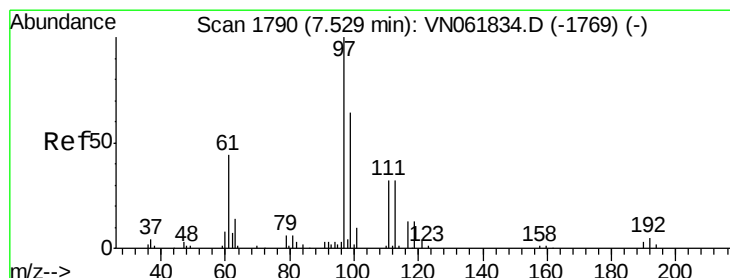
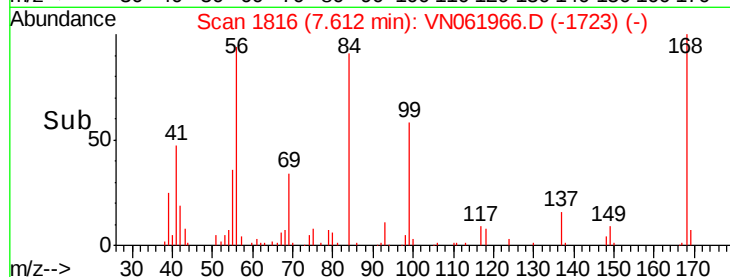
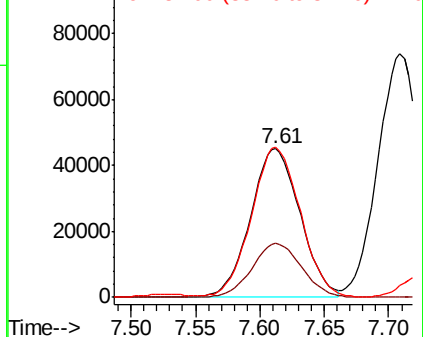
#31
Cyclohexane
Concen: 43.771 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion: 56 Resp: 120619
Ion Ratio Lower Upper
56 100
69 36.4 27.7 41.5
84 100.1 79.1 118.7

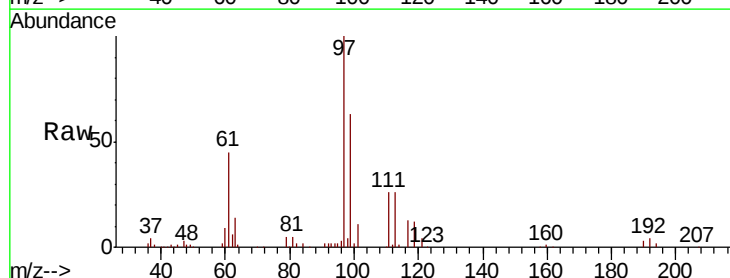


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

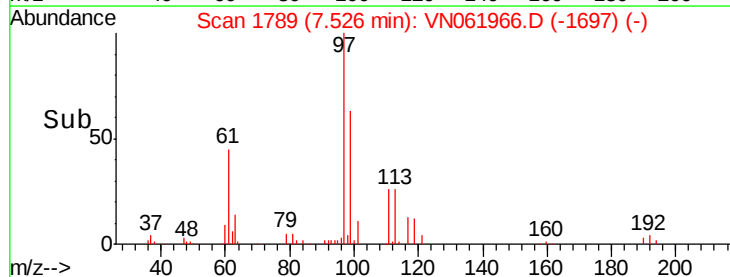
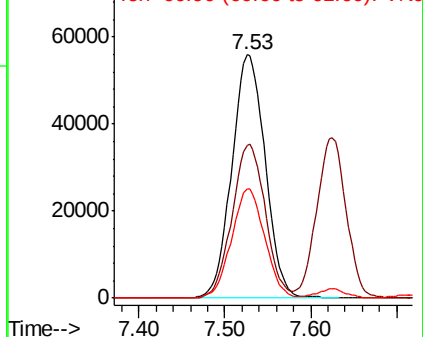


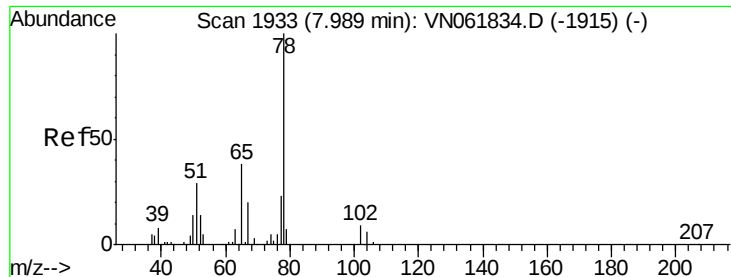
#32
1,1,1-Trichloroethane
Concen: 52.616 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 97 Resp: 150751
Ion Ratio Lower Upper
97 100
99 62.9 51.5 77.3
61 44.7 35.1 52.7



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

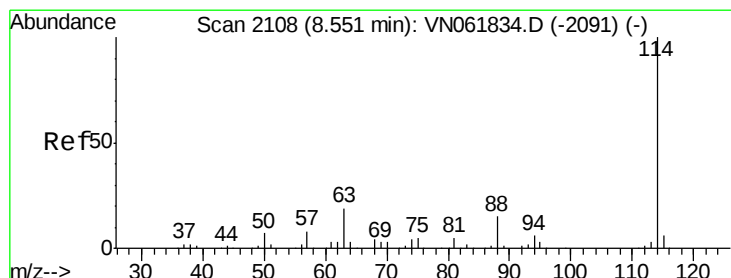
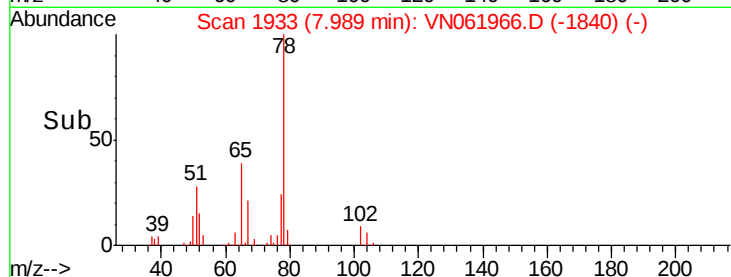
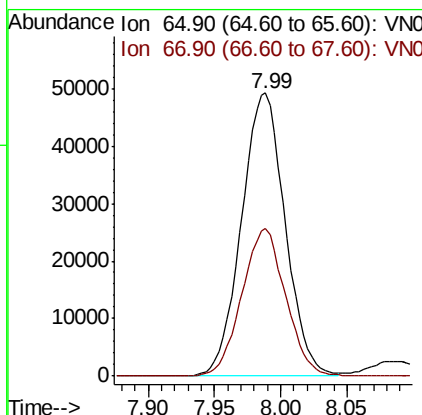
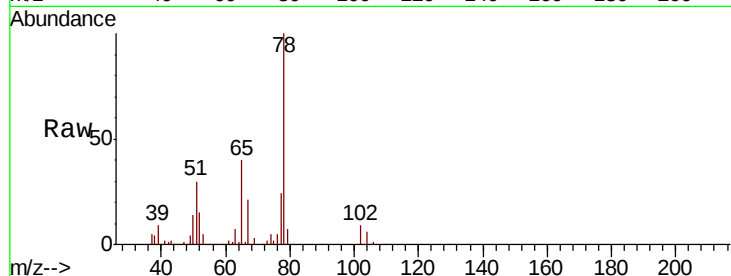




#33
 1,2-Dichloroethane-d4
 Concen: 53.921 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

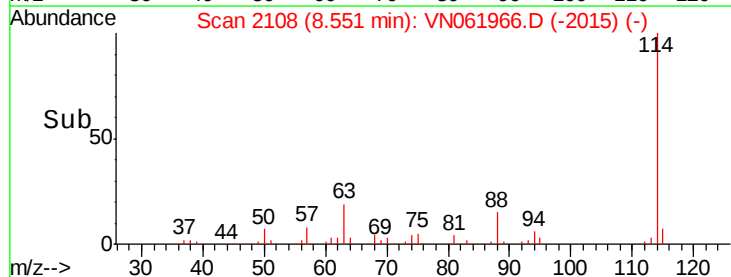
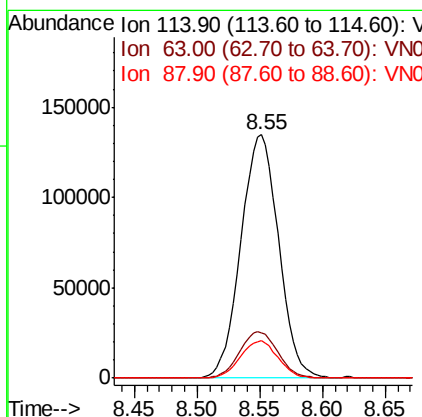
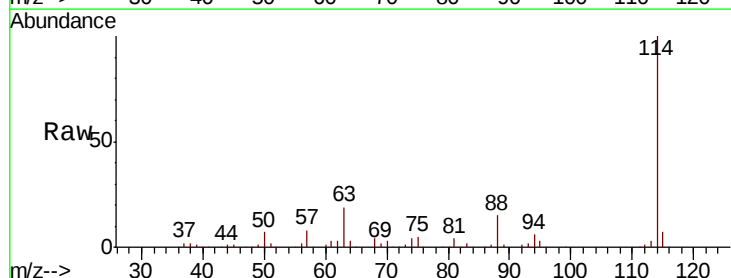
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion: 65 Resp: 112754
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 114 Resp: 282480
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.2 0.0 31.0

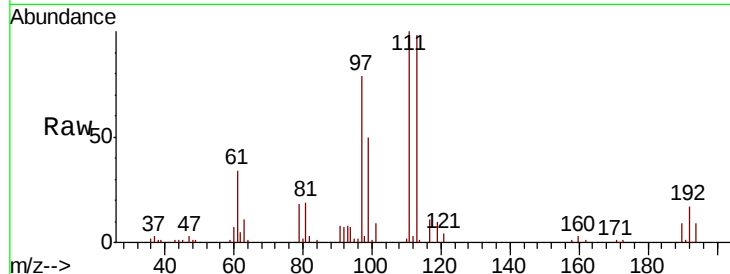




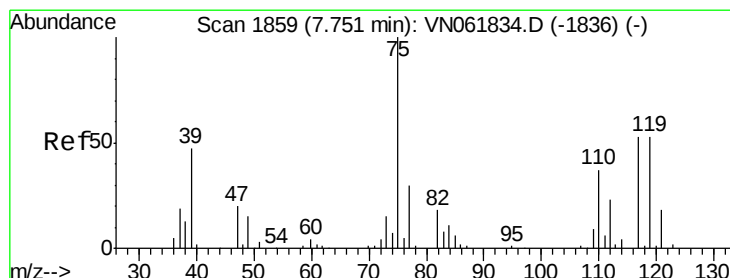
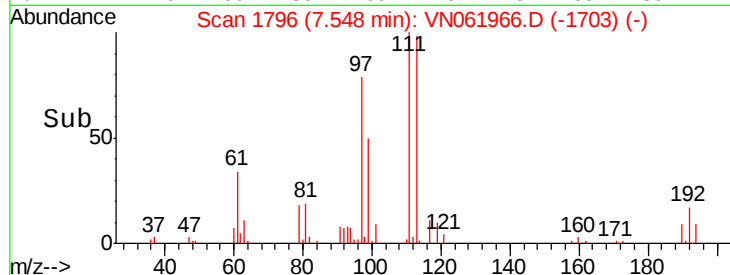
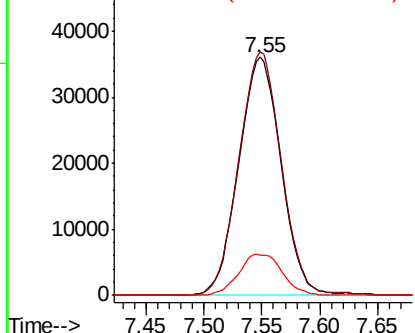
#35
 Dibromofluoromethane
 Concen: 50.617 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion:113 Resp: 91473
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.7 125.5
 192 17.7 13.9 20.9

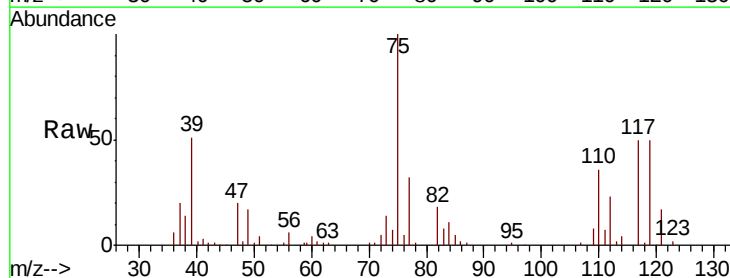


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

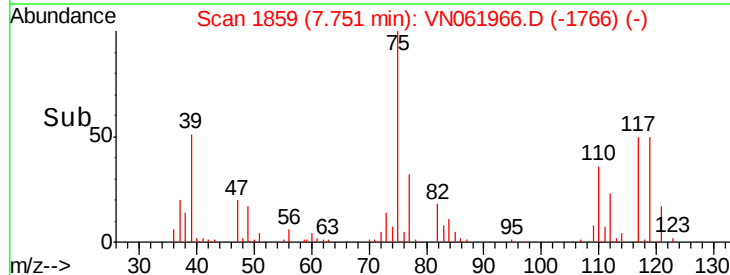
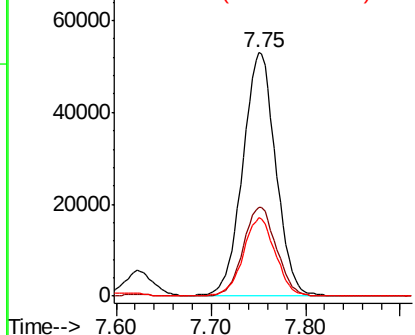


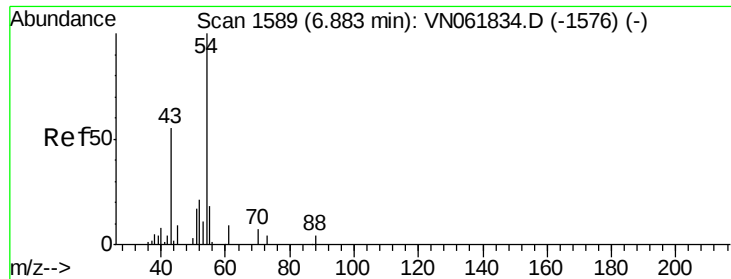
#36
 1,1-Dichloropropene
 Concen: 49.871 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 75 Resp: 128494
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.2 54.6
 77 31.3 24.2 36.4



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: 72.910 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampled :

S49-0563MSD

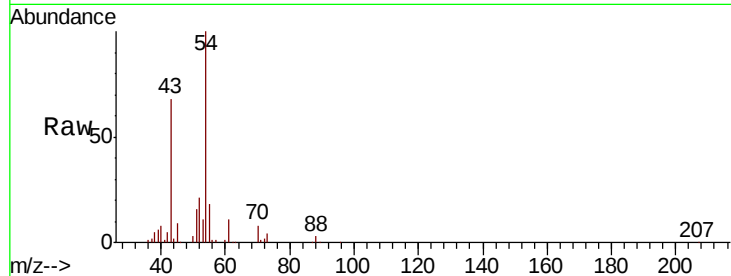
Tot Ion: 43 Resp: 146696

Ion Ratio Lower Upper

43 100

61 14.9 13.0 19.4

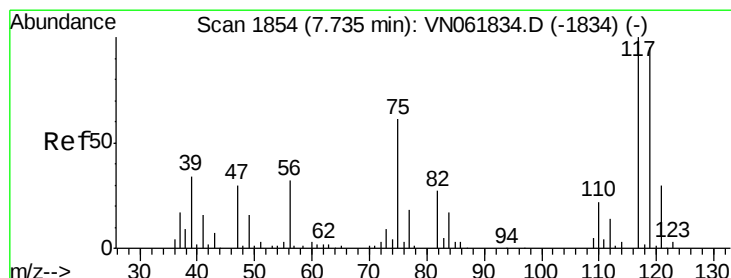
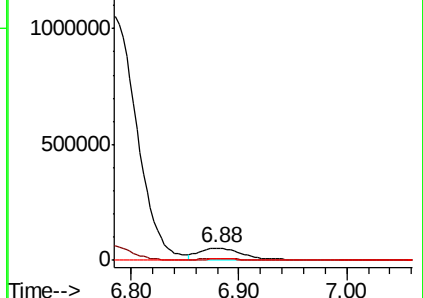
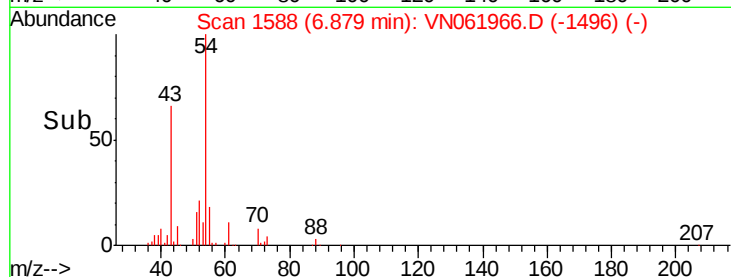
70 11.2 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1576) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1576) (-)

Ion 70.00 (69.70 to 70.70): VN061834.D (-1576) (-)



#38

Carbon Tetrachloride

Concen: 47.681 ug/l

RT: 7.73 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

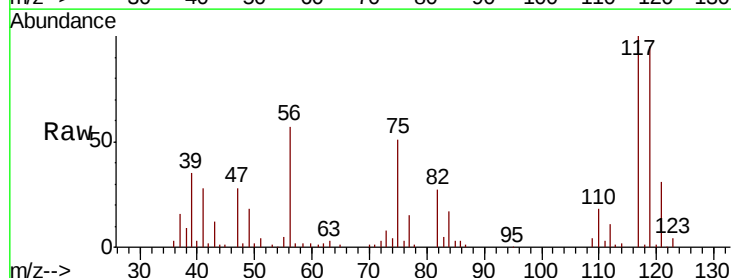
Tgt Ion: 117 Resp: 121657

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.6

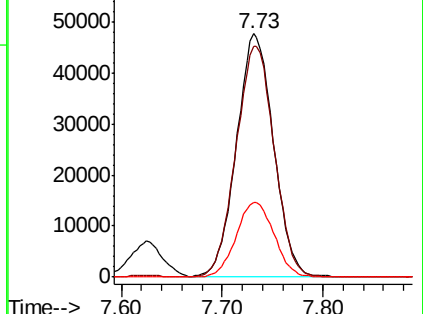
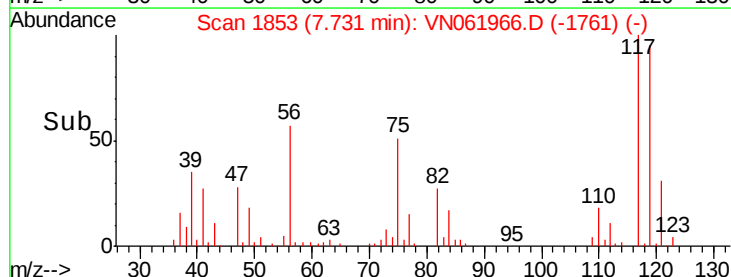
121 30.5 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-1834) (-)

Ion 118.80 (118.50 to 119.50): VN061834.D (-1834) (-)

Ion 120.80 (120.50 to 121.50): VN061834.D (-1834) (-)

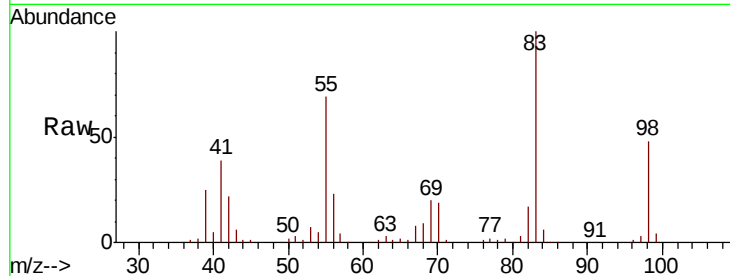




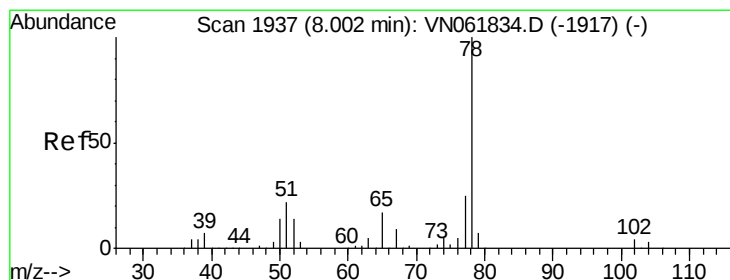
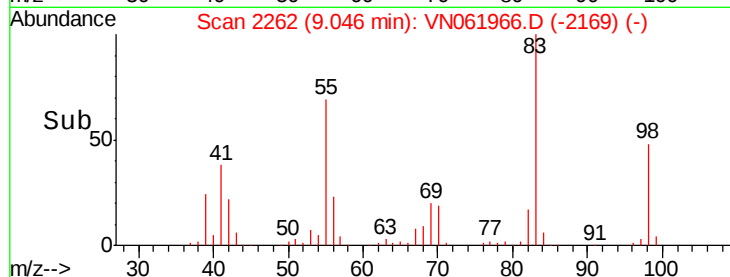
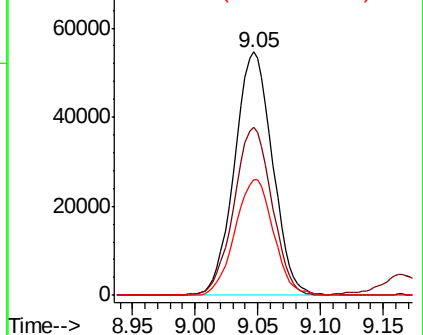
#39
Methvlcvclohexane
Concen: 41.445 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion: 83 Resp: 114984
Ion Ratio Lower Upper
83 100
55 68.5 54.2 81.4
98 47.6 39.8 59.6

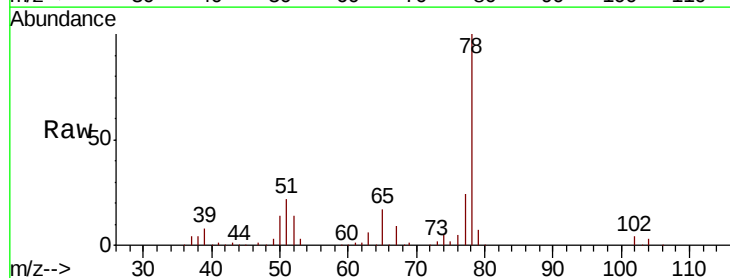


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

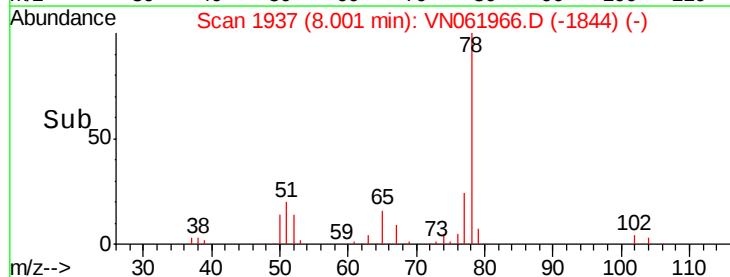
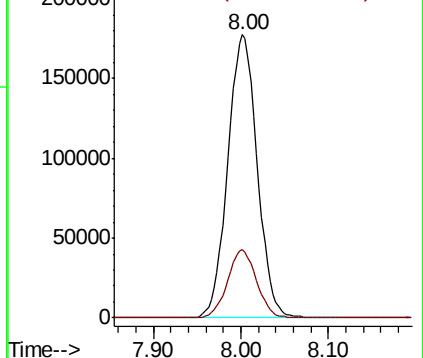


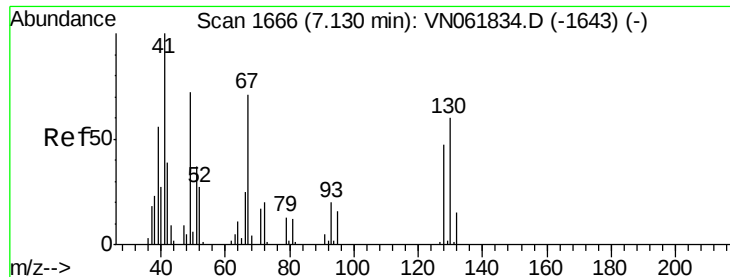
#40
Benzene
Concen: 53.134 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 78 Resp: 414701
Ion Ratio Lower Upper
78 100
77 24.0 19.7 29.5



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

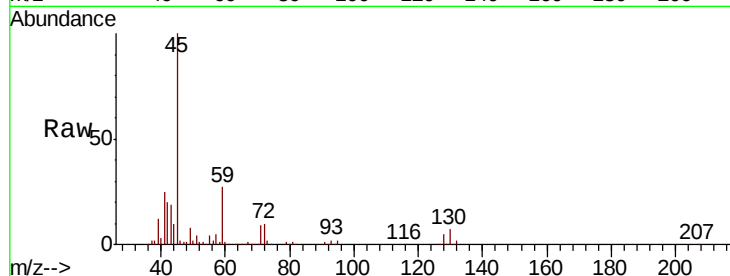




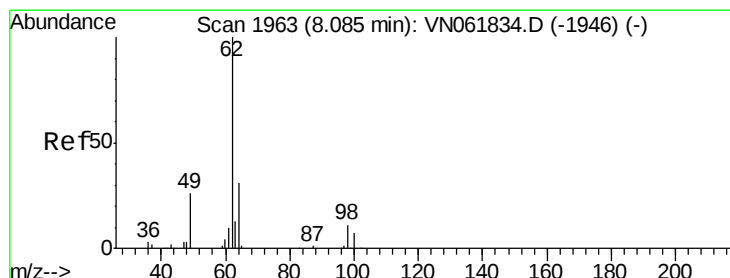
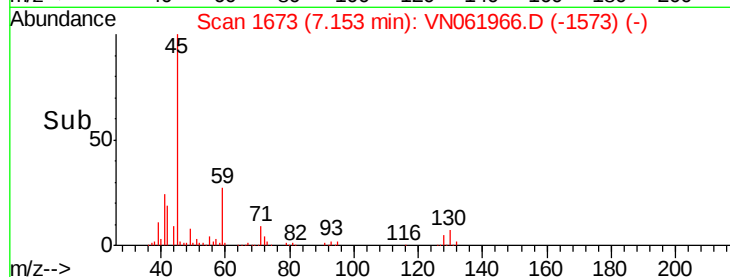
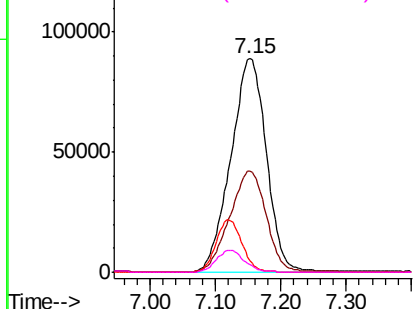
#41
Methacrylonitrile
Concen: 393.045 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.02 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampled :
S49-0563MSD

Tot Ion:	41	Resp:	338163
Ion	Ratio	Lower	Upper
41	100		
39	48.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

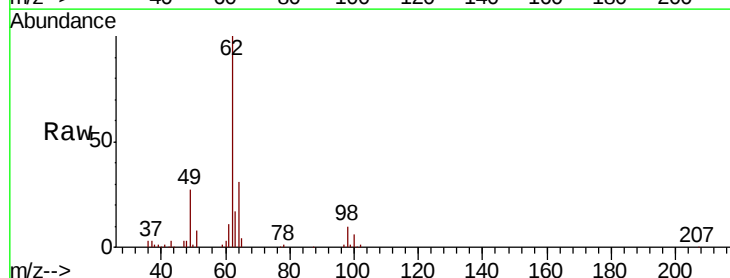


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

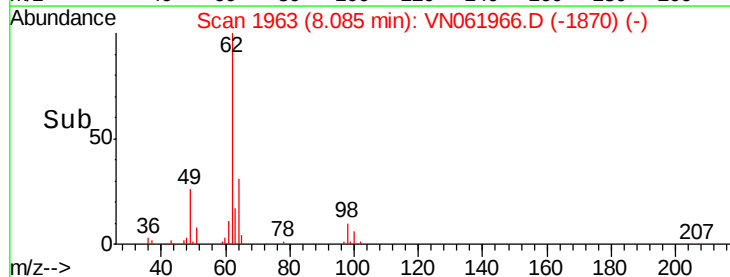
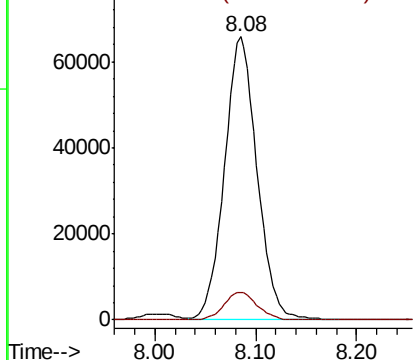


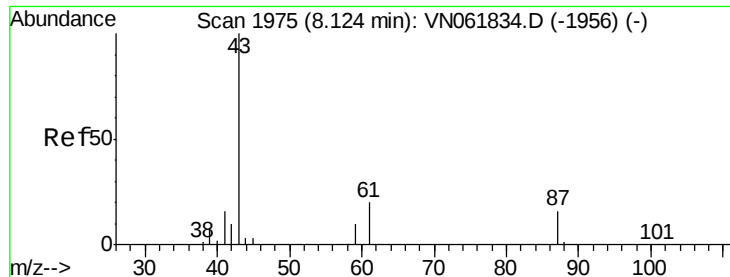
#42
1,2-Dichloroethane
Concen: 55.342 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion:	62	Resp:	147280
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 66.996 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

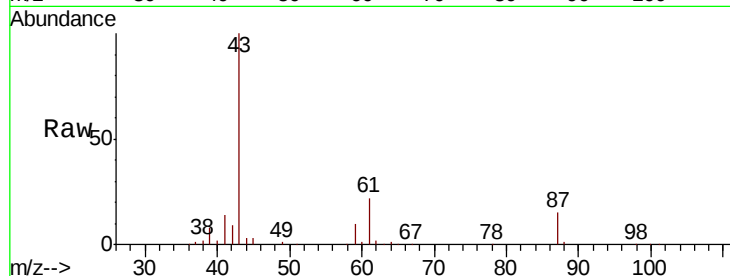
Tot Ion: 43 Resp: 227166

Ion Ratio Lower Upper

43 100

61 28.7 24.0 36.0

87 15.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)

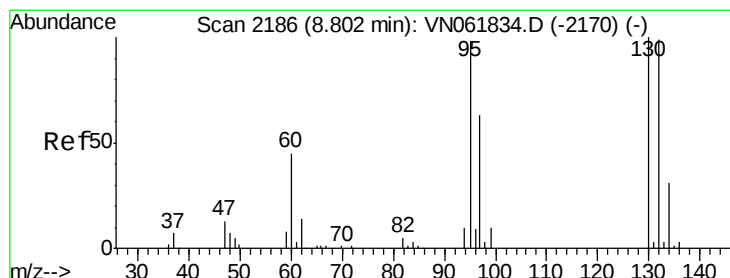
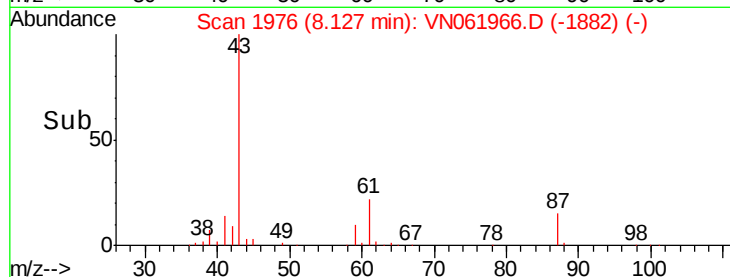
8.13

100000

50000

0

Time--> 8.00 8.05 8.10 8.15 8.20



#44

Trichloroethene

Concen: 50.437 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061966.D

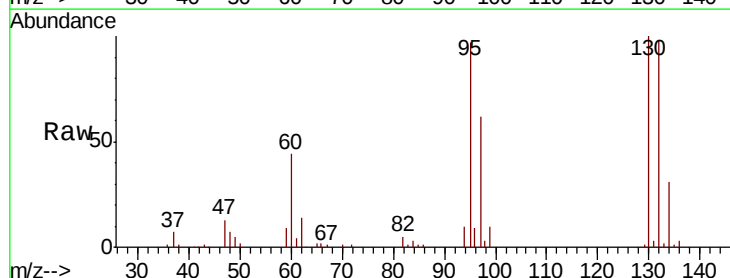
Acq: 19 Jun 2020 20:48

Tgt Ion:130 Resp: 103600

Ion Ratio Lower Upper

130 100

95 97.4 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

8.80

60000

50000

40000

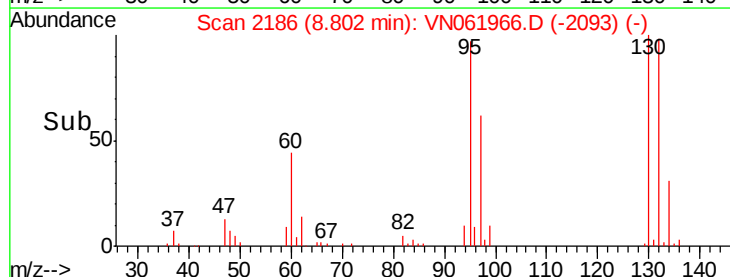
30000

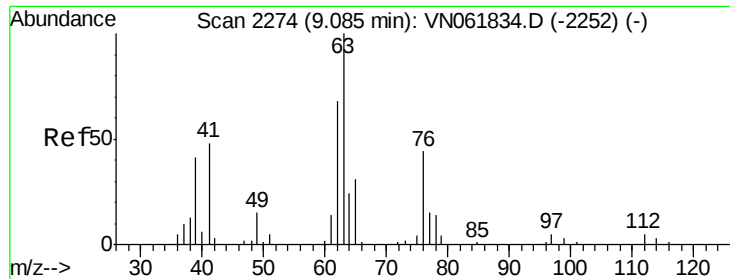
20000

10000

0

Time--> 8.70 8.75 8.80 8.85

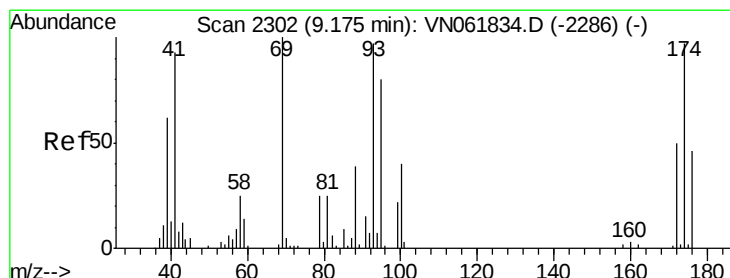
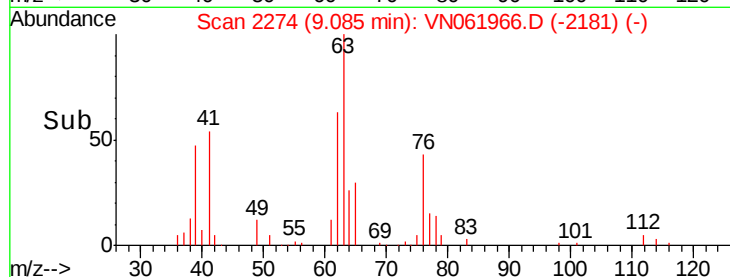
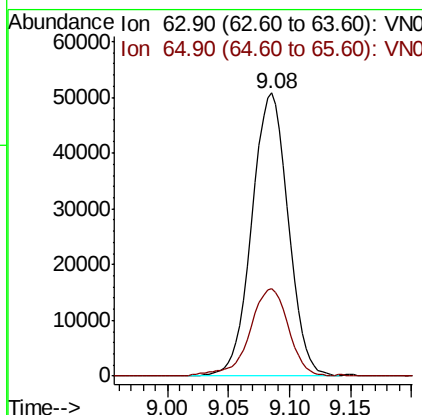
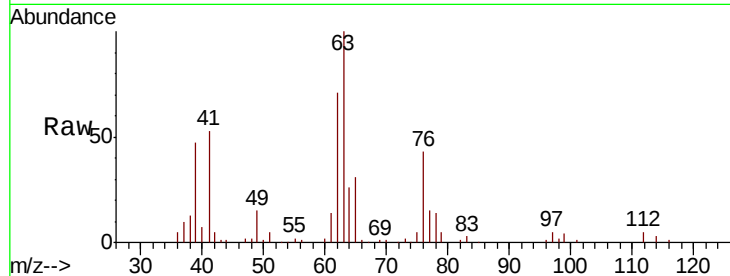




#45
 1,2-Dichloropropane
 Concen: 54.694 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

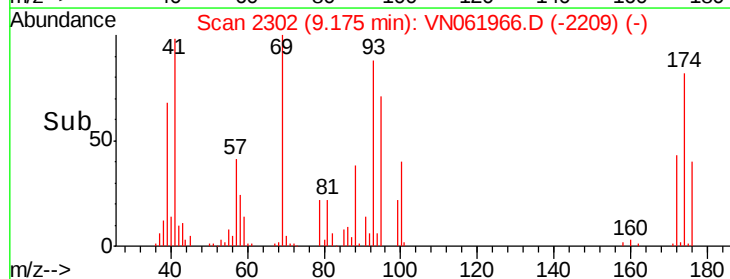
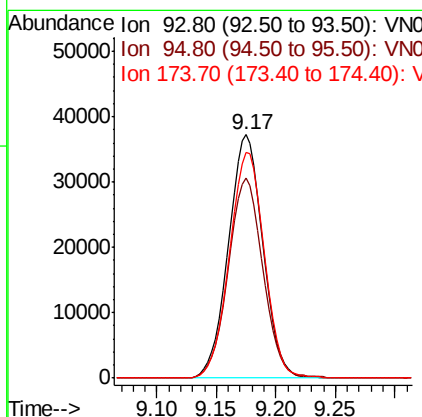
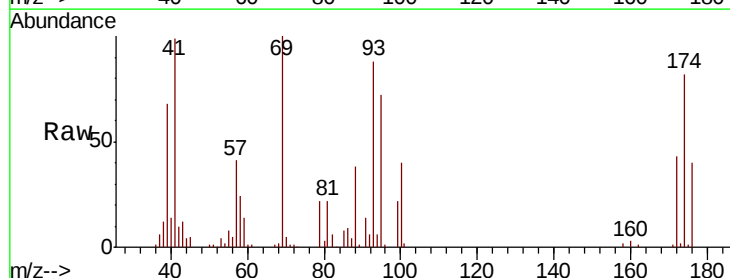
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Tot Ion: 63 Resp: 104906
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7



#46
 Dibromomethane
 Concen: 55.348 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 93 Resp: 74757
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.6
 174 93.6 78.5 117.7





#47

Bromodichloromethane

Concen: 53.739 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

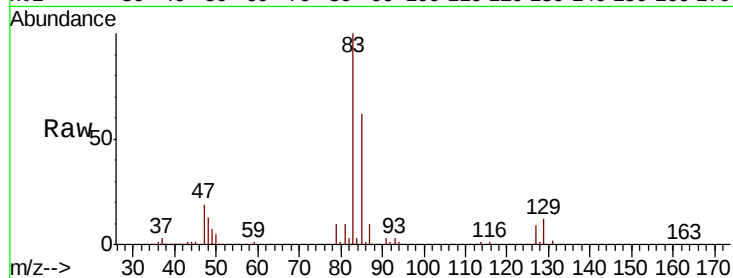
Tot Ion: 83 Resp: 148627

Ion Ratio Lower Upper

83 100

85 62.4 50.8 76.2

127 8.6 7.0 10.4

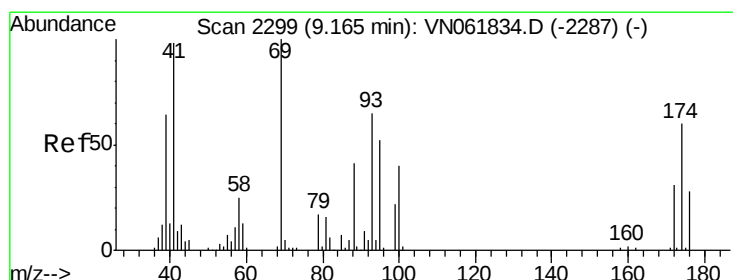
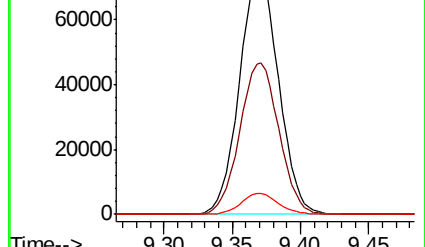
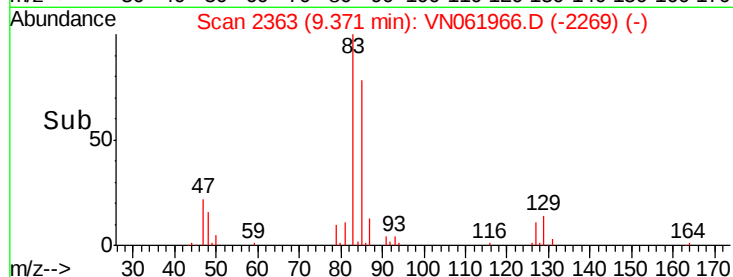


Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2347) (-)

Time-->



#48

Methyl methacrylate

Concen: 71.390 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

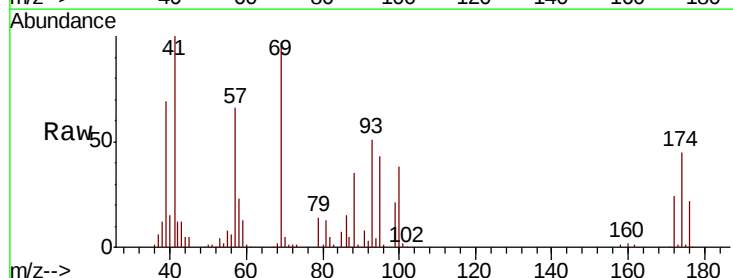
Tgt Ion: 41 Resp: 110081

Ion Ratio Lower Upper

41 100

69 92.9 83.0 124.4

39 67.2 55.1 82.7

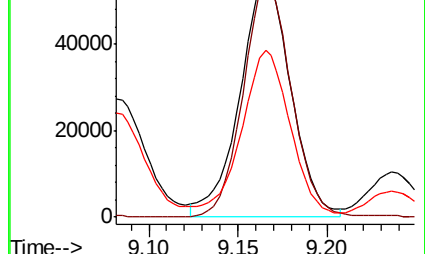
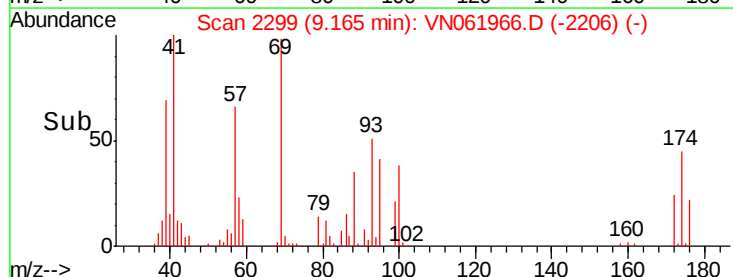


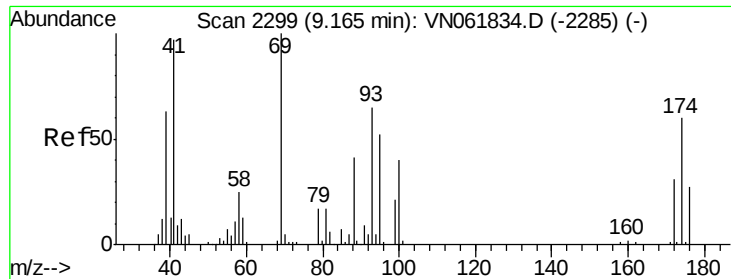
Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2287) (-)

Time-->





#49

1,4-Dioxane

Concen: 1129.738 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

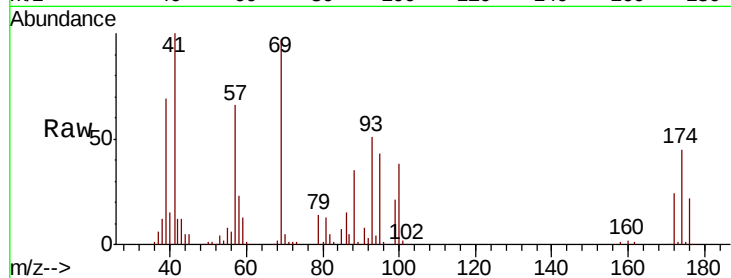
Tot Ion: 88 Resp: 39995

Ion Ratio Lower Upper

88 100

43 42.8 23.4 35.2#

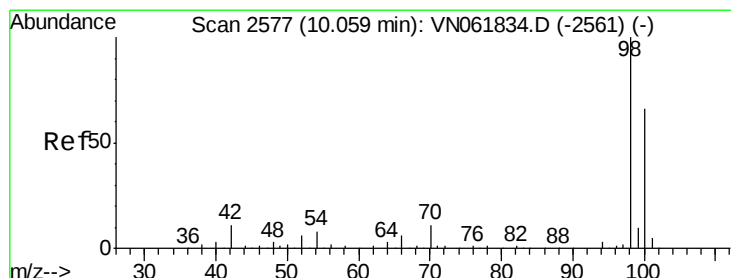
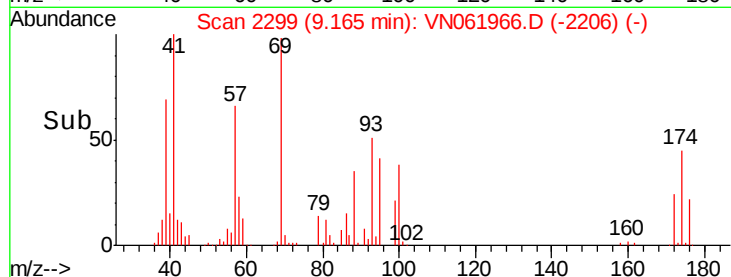
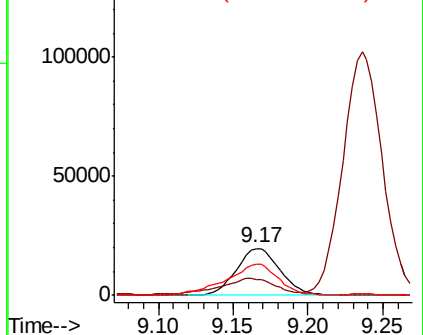
58 79.6 49.8 74.6#



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 49.552 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061966.D

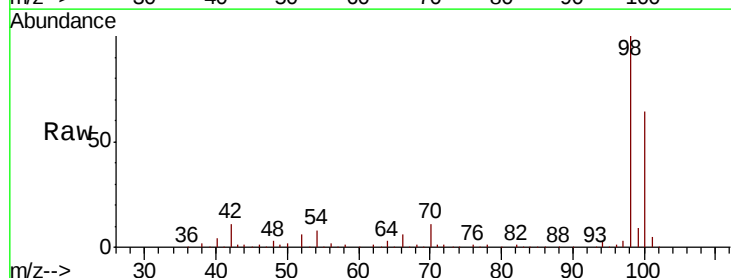
Acq: 19 Jun 2020 20:48

Tgt Ion: 98 Resp: 352048

Ion Ratio Lower Upper

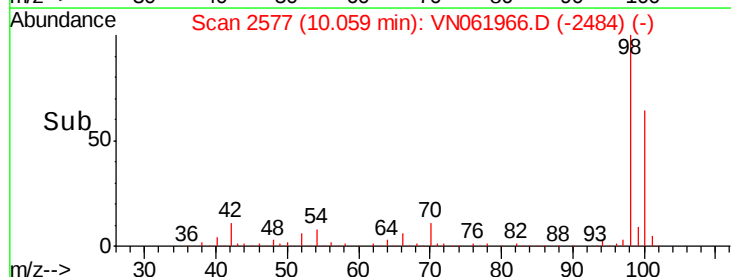
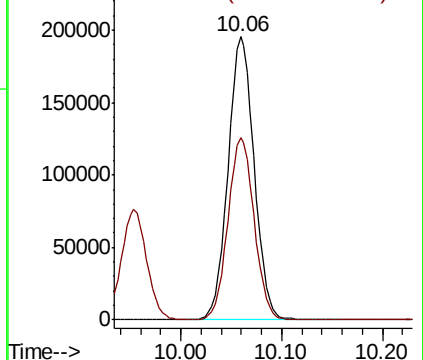
98 100

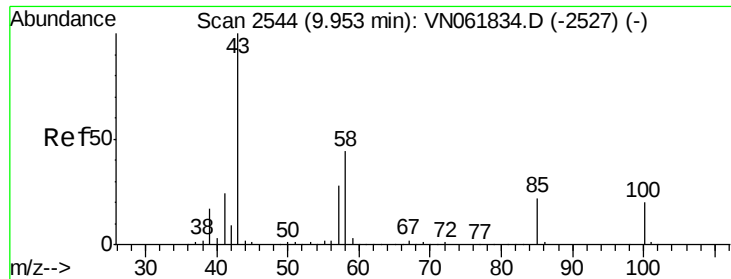
100 64.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 362.334 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

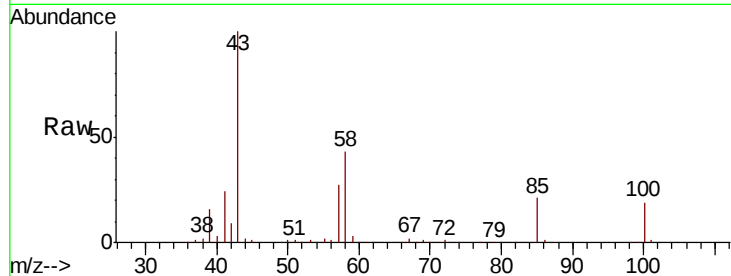
S49-0563MSD

Tot Ion: 43 Resp: 726008

Ion Ratio Lower Upper

43 100

58 42.9 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

400000

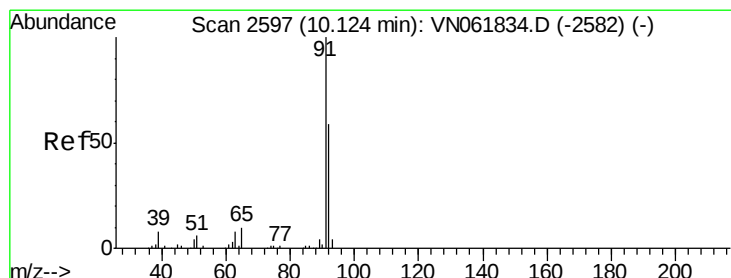
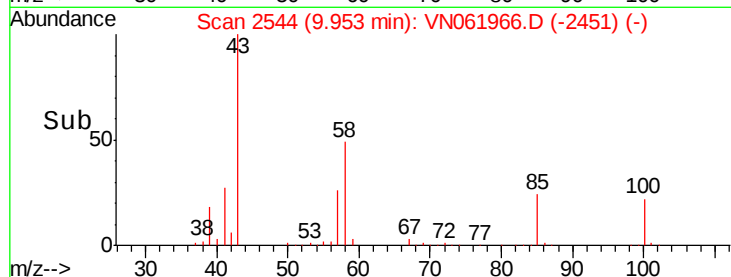
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 59.354 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061966.D

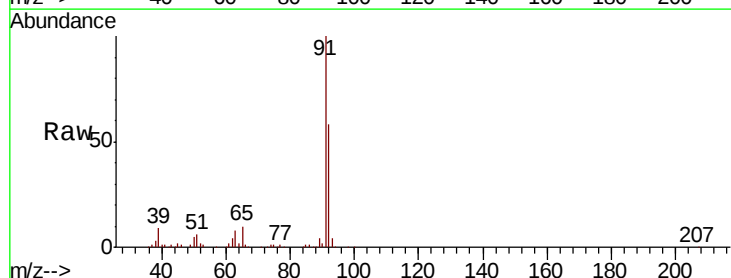
Acq: 19 Jun 2020 20:48

Tgt Ion: 92 Resp: 290938

Ion Ratio Lower Upper

92 100

91 171.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

300000

250000

200000

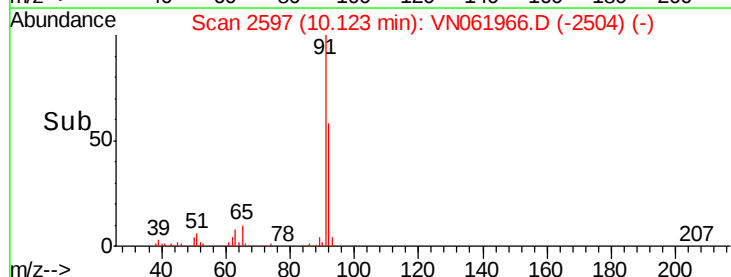
150000

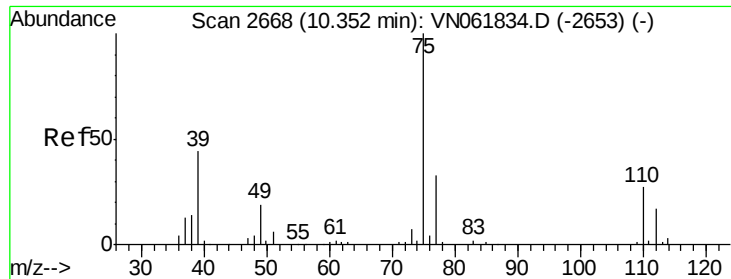
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.571 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampled :

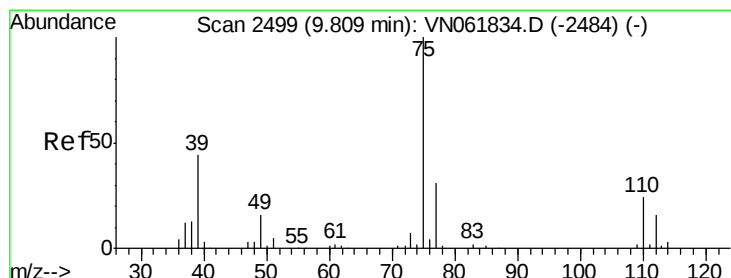
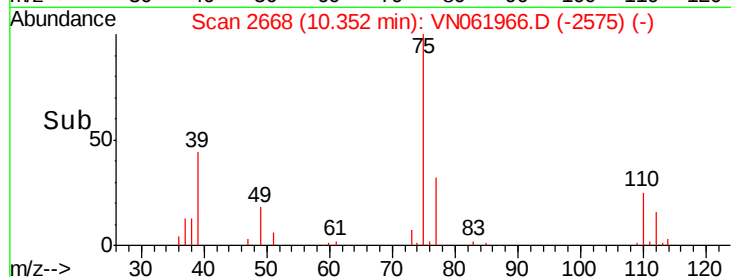
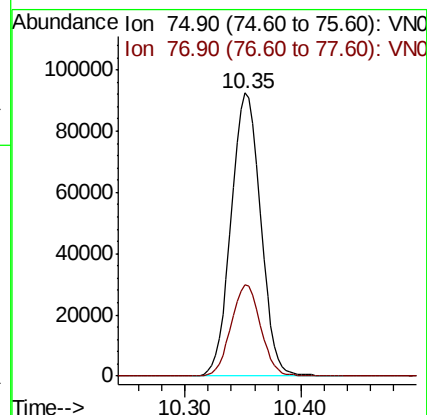
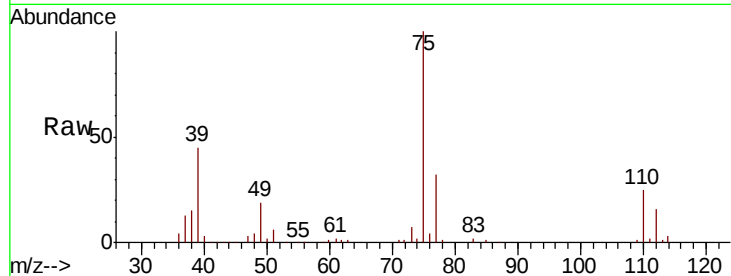
S49-0563MSD

Tot Ion: 75 Resp: 163158

Ion Ratio Lower Upper

75 100

77 32.1 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 55.357 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

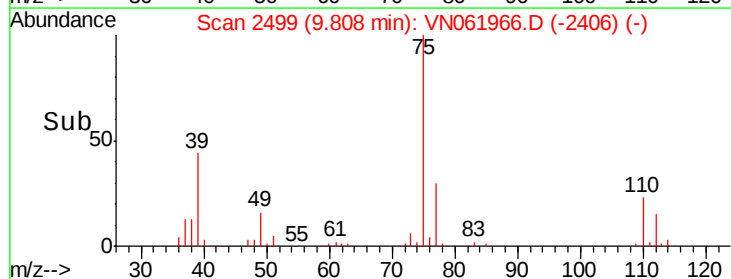
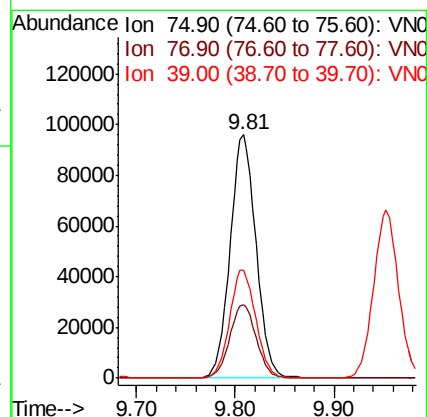
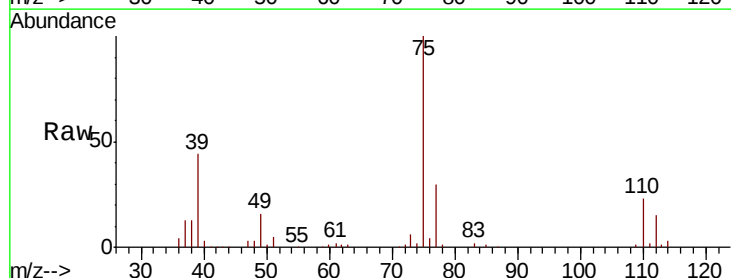
Tgt Ion: 75 Resp: 176534

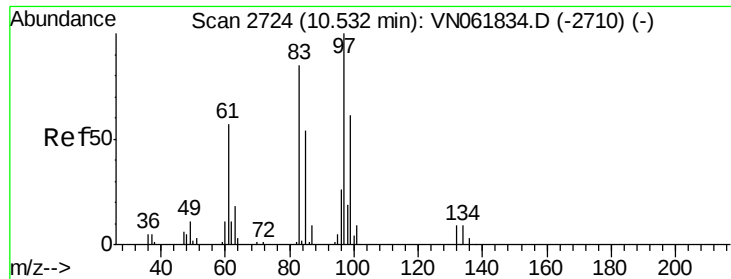
Ion Ratio Lower Upper

75 100

77 30.4 24.8 37.2

39 44.3 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 56.353 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

Tot Ion: 97 Resp: 108681

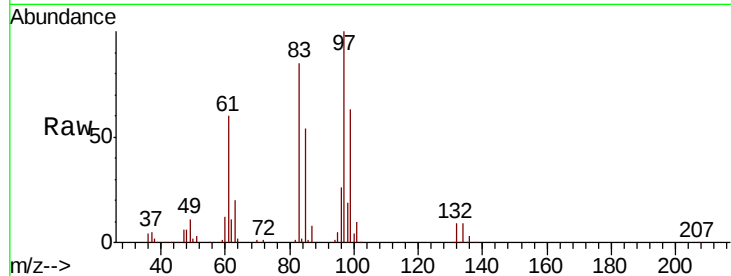
Ion Ratio Lower Upper

97 100

83 85.2 67.7 101.5

85 54.5 43.4 65.0

99 63.0 48.8 73.2

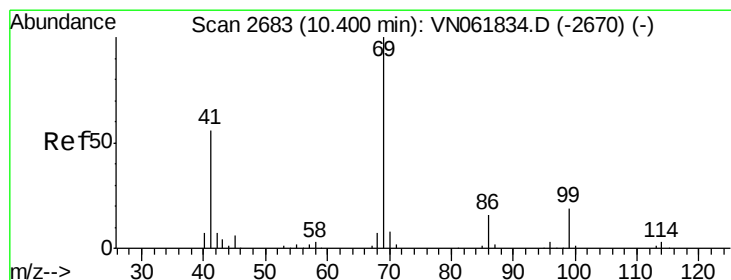
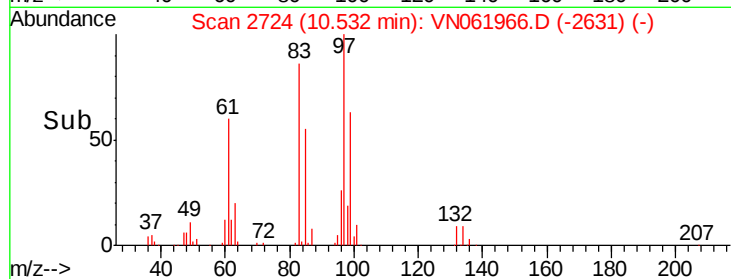
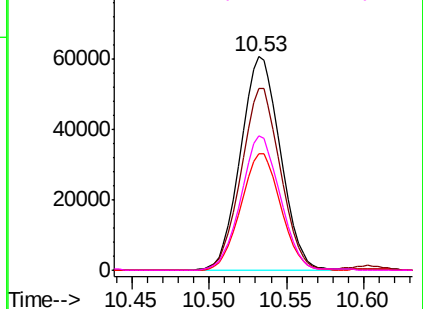


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 56.061 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

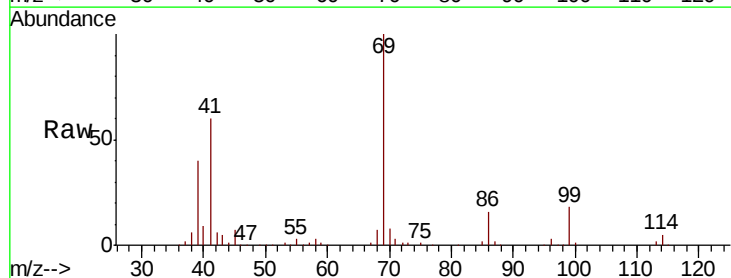
Tgt Ion: 69 Resp: 166247

Ion Ratio Lower Upper

69 100

41 58.8 44.9 67.3

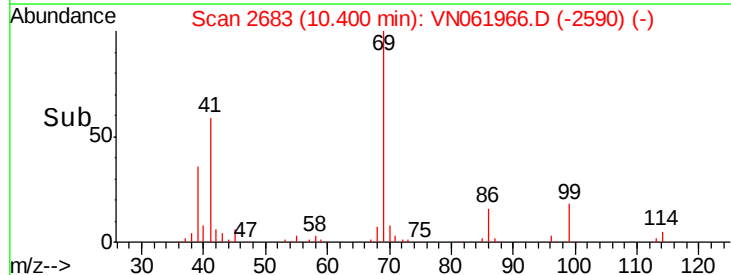
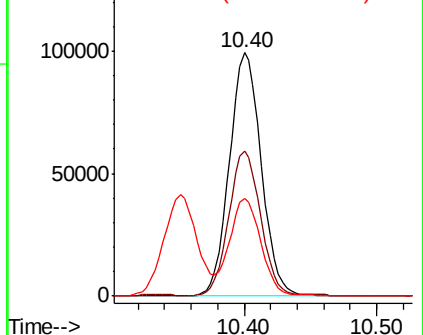
39 39.1 30.0 45.0

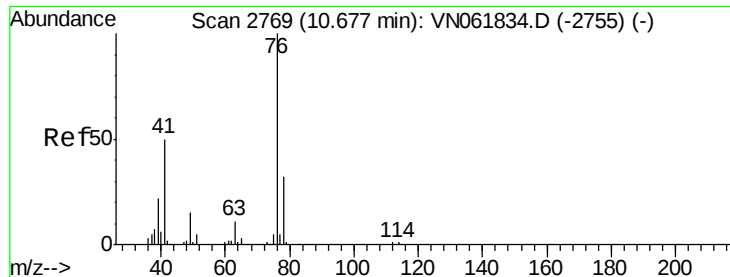


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

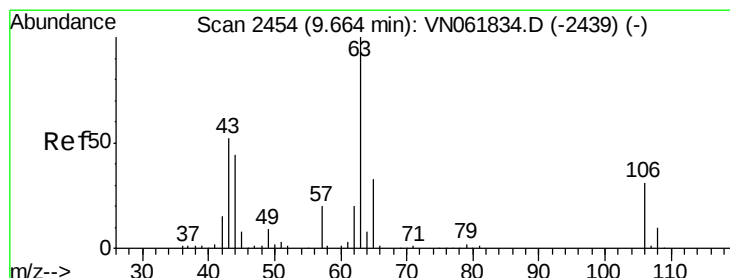
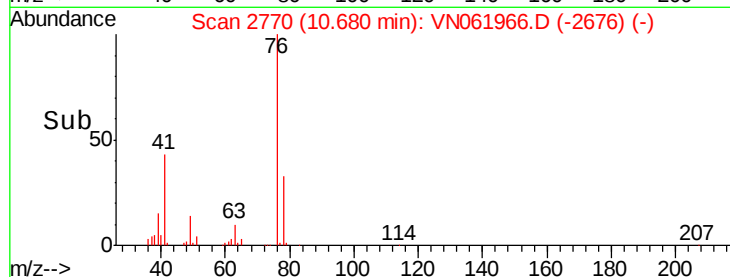
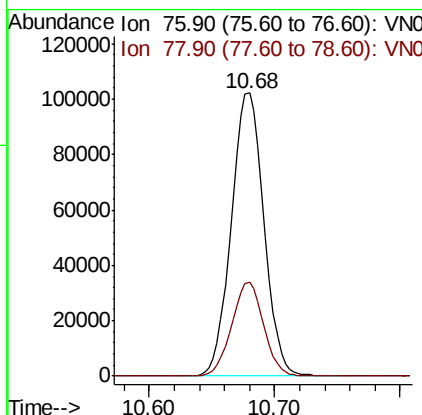
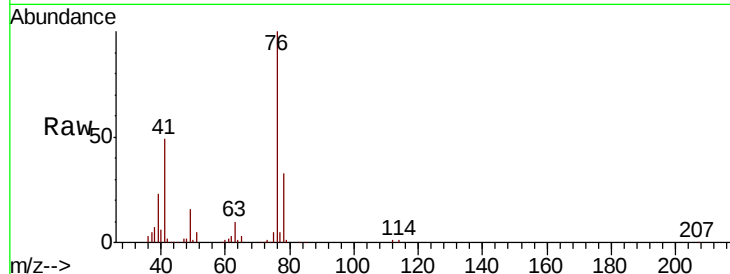




#57
 1,3-Dichloropropane
 Concen: 56.503 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

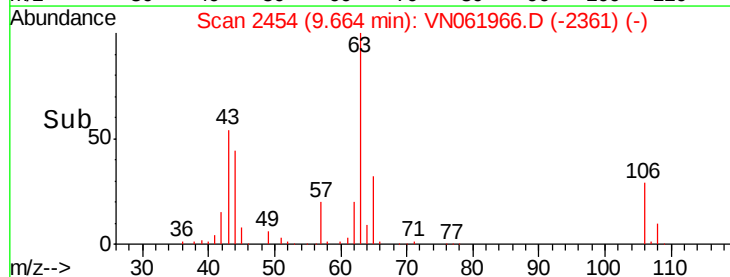
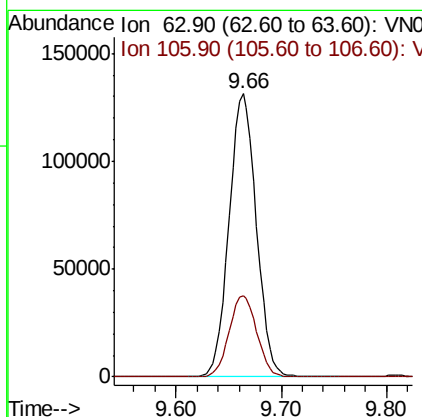
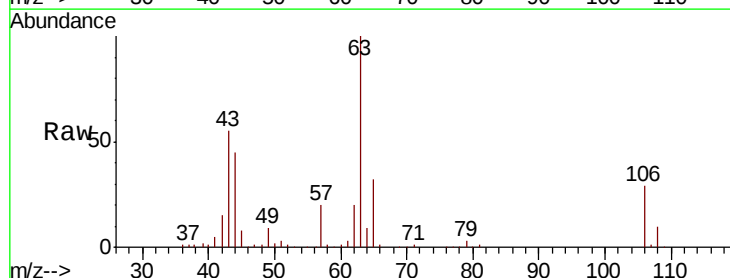
Instrument :
 MSVOA_N
 ClientSampled :
 S49-0563MSD

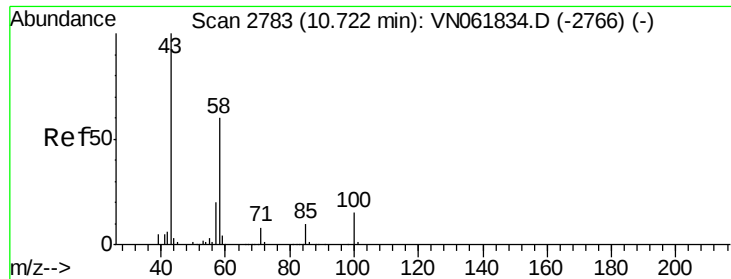
Tot Ion: 76 Resp: 184611
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.191 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 63 Resp: 234297
 Ion Ratio Lower Upper
 63 100
 106 29.1 24.6 36.8

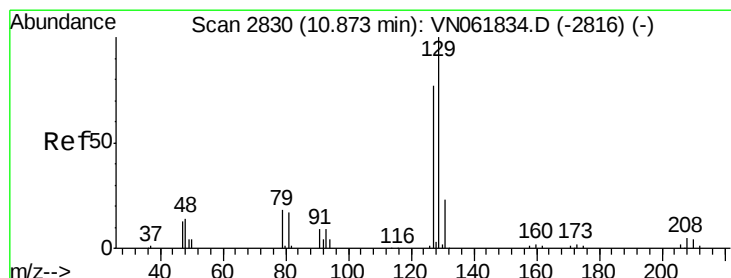
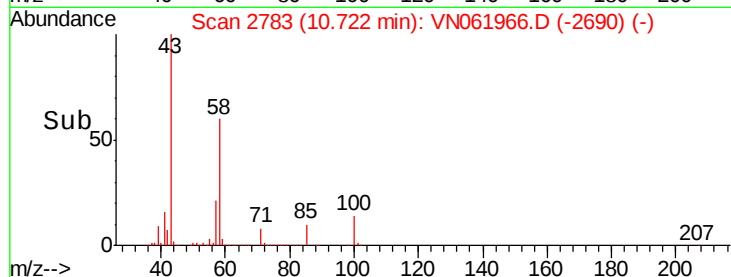
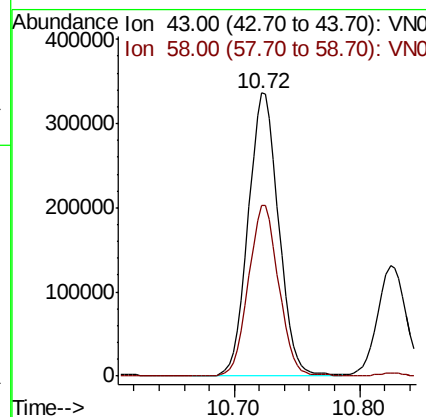
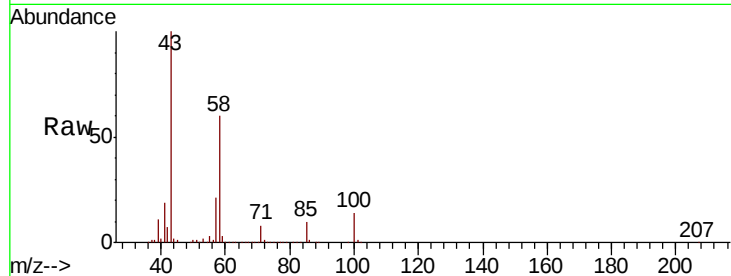




#59
2-Hexanone
Concen: 348.841 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

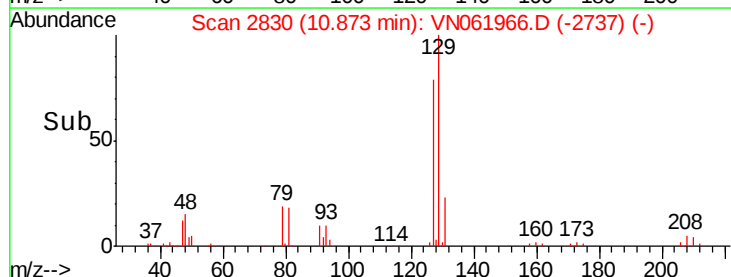
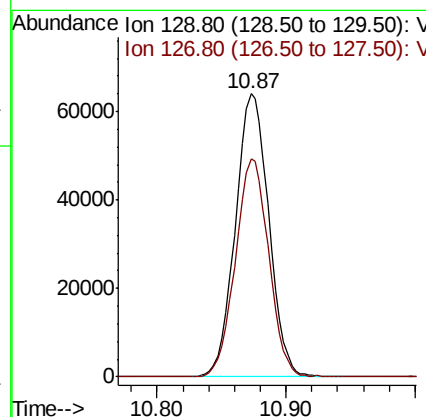
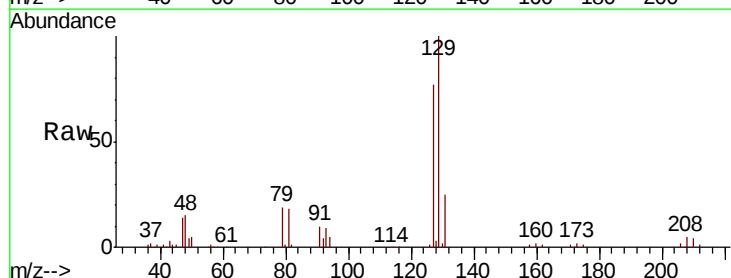
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

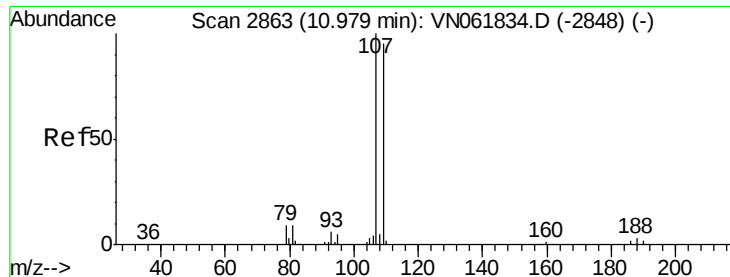
Tot Ion: 43 Resp: 567383
Ion Ratio Lower Upper
43 100
58 60.2 30.1 90.5



#60
Dibromochloromethane
Concen: 53.467 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 129 Resp: 115060
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

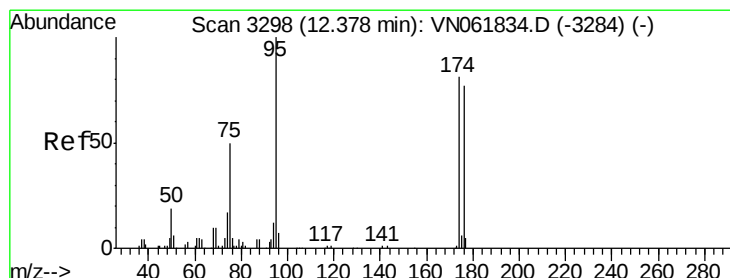
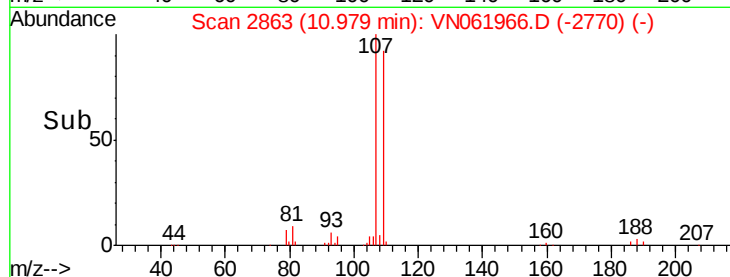
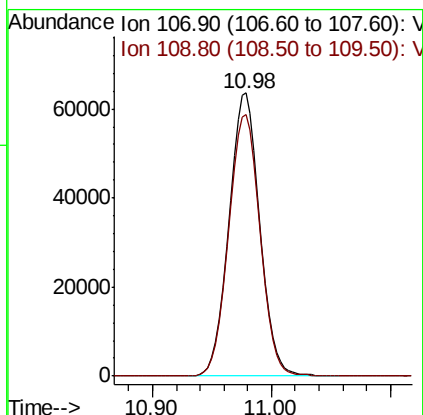
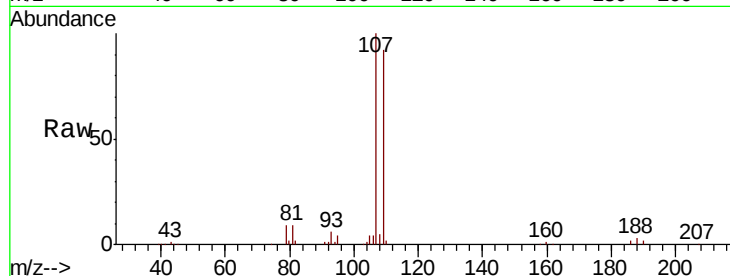




#61
 1,2-Dibromoethane
 Concen: 56.370 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

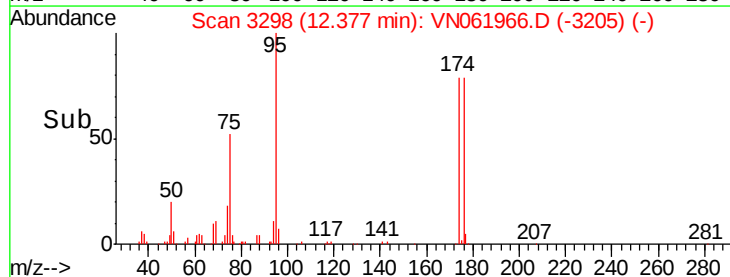
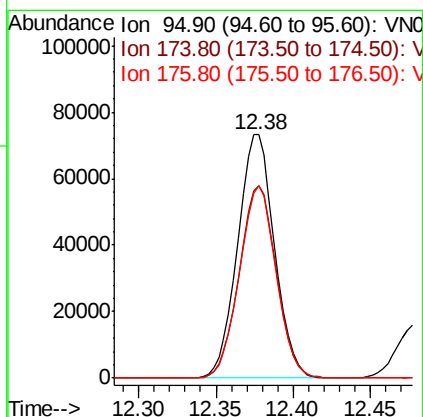
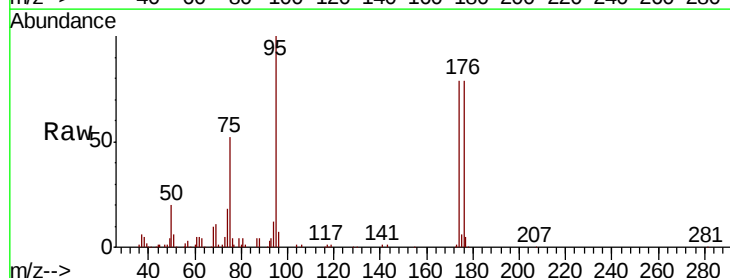
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

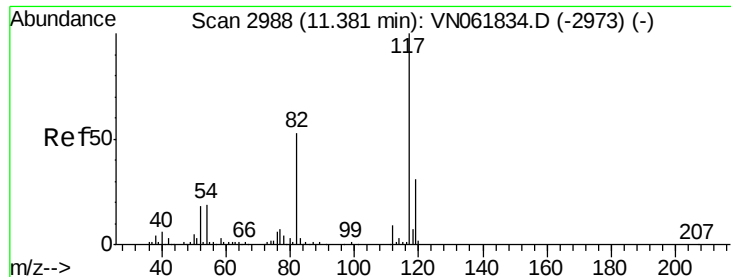
Tot Ion:107 Resp: 113518
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.693 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion: 95 Resp: 121103
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 158.6
 176 78.6 0.0 152.0

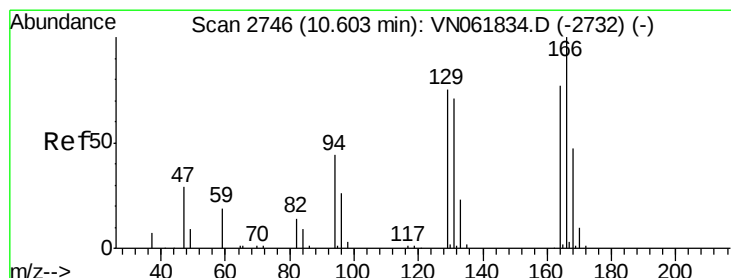
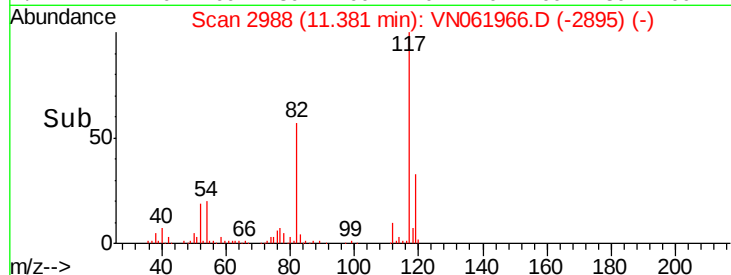
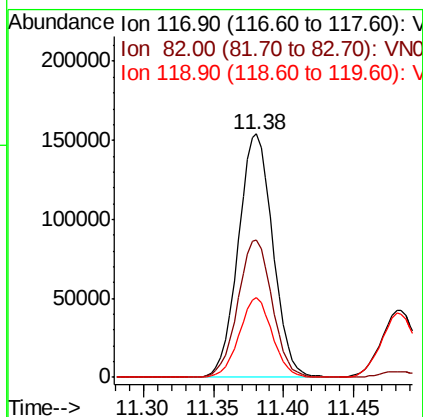
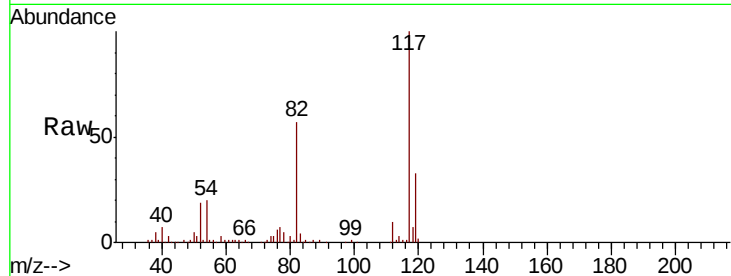




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

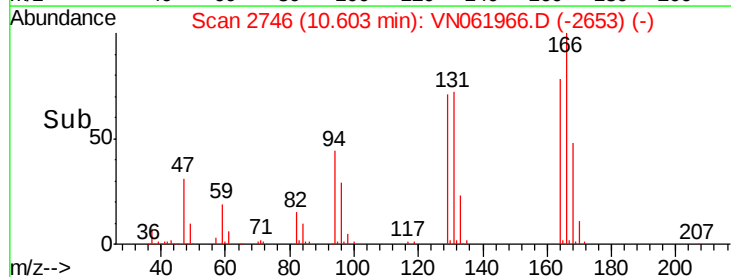
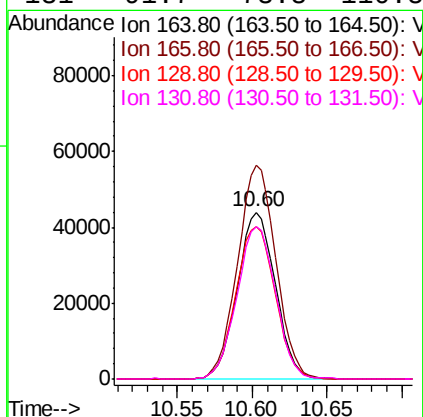
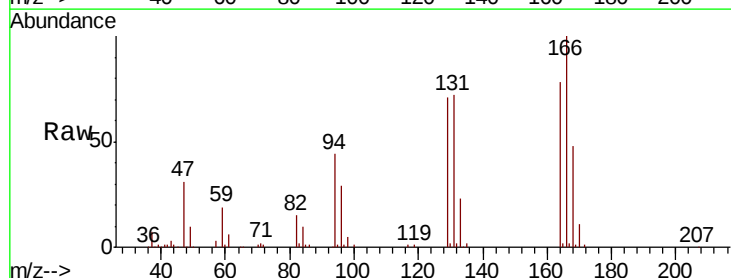
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion:117 Resp: 264665
Ion Ratio Lower Upper
117 100
82 56.6 42.6 64.0
119 32.5 24.7 37.1



#64
Tetrachloroethene
Concen: 46.165 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion:164 Resp: 77875
Ion Ratio Lower Upper
164 100
166 128.1 103.5 155.3
129 91.3 77.5 116.3
131 91.7 73.8 110.8





#65

Chlorobenzene

Concen: 50.436 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

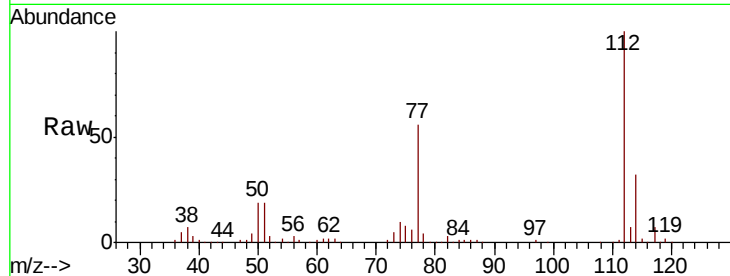
S49-0563MSD

Tot Ion:112 Resp: 281670

Ion Ratio Lower Upper

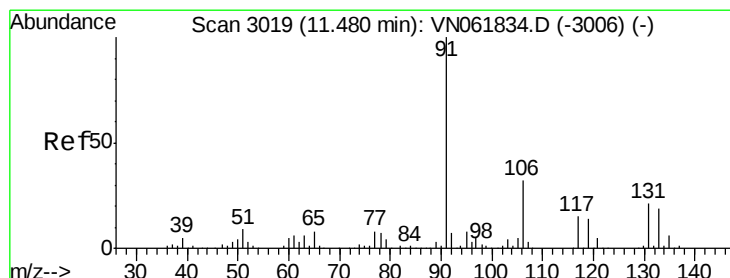
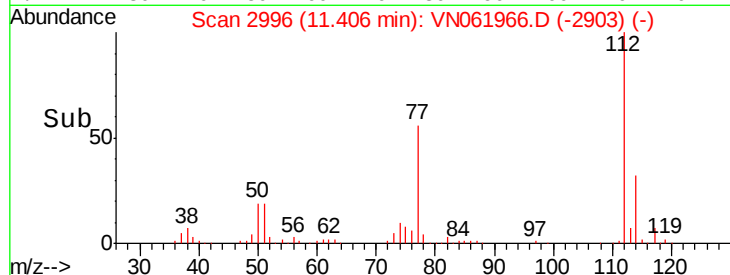
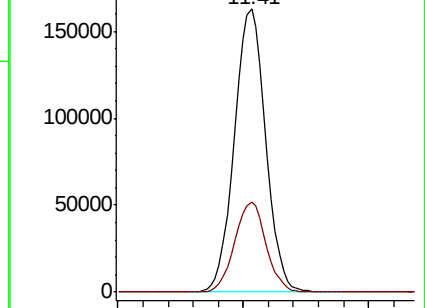
112 100

114 31.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.887 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

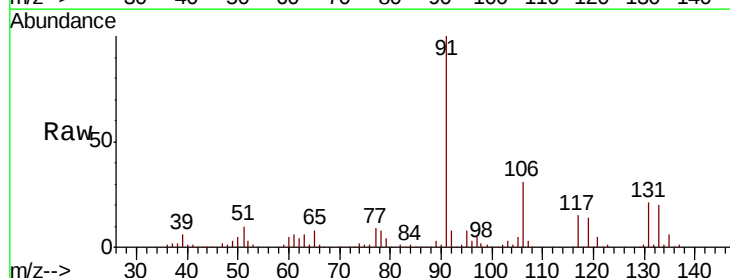
Tgt Ion:131 Resp: 101062

Ion Ratio Lower Upper

131 100

133 96.9 47.5 142.5

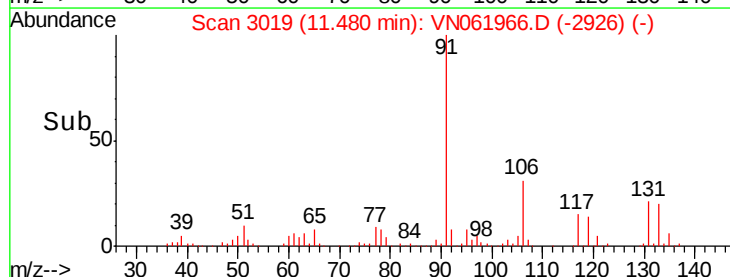
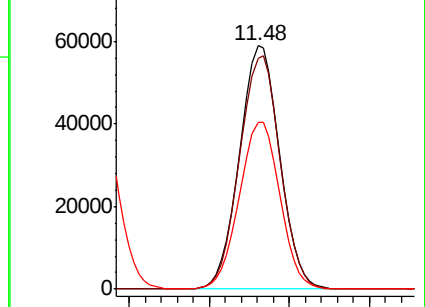
119 69.3 34.0 101.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

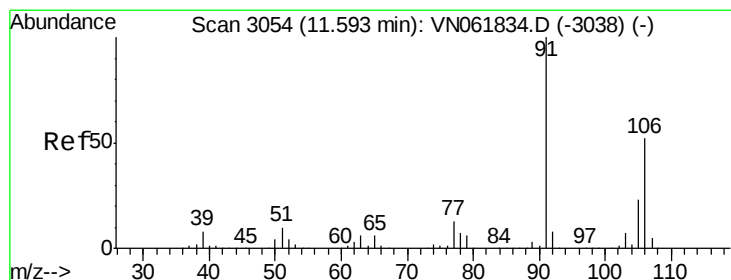
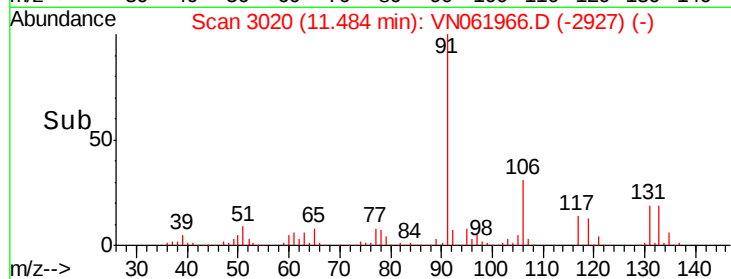
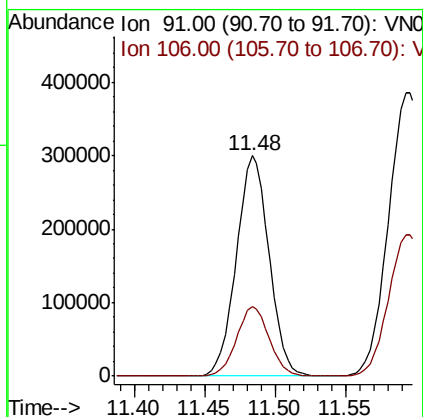
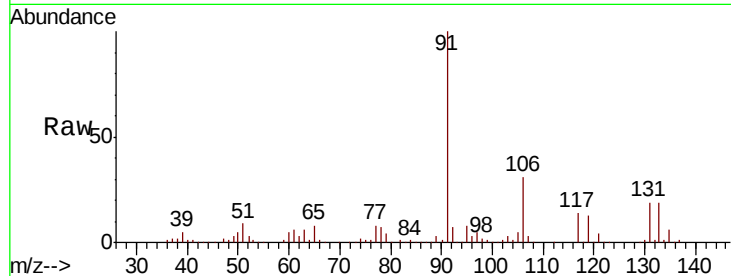




#67
Ethyl Benzene
Concen: 52.166 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

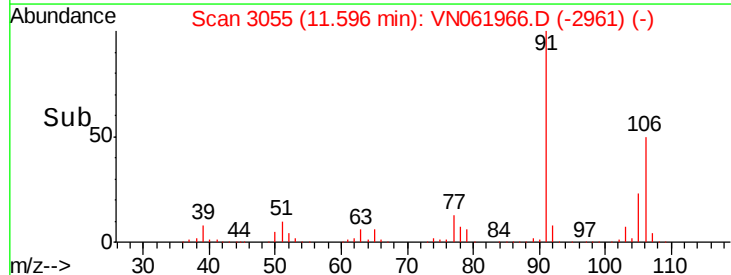
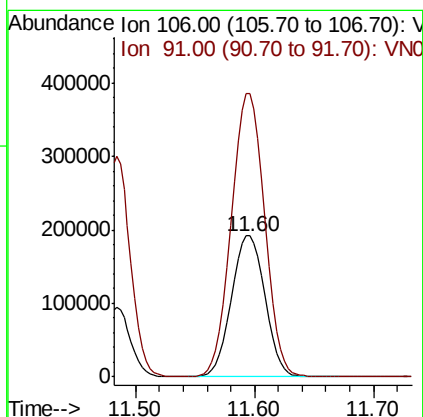
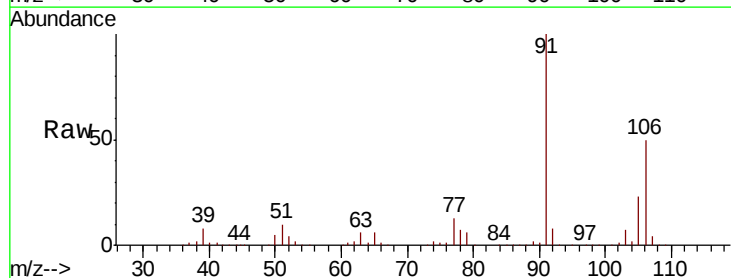
Instrument :
MSVOA_N
ClientSampled :
S49-0563MSD

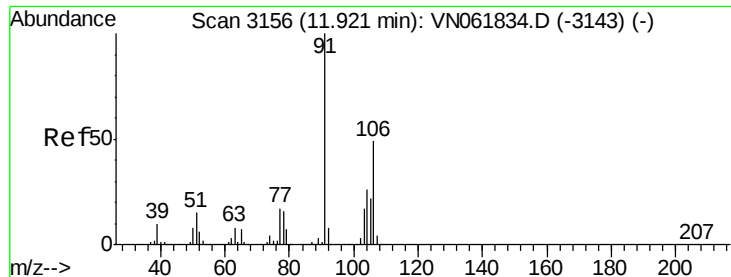
Tot Ion: 91 Resp: 488456
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 104.038 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 106 Resp: 375633
Ion Ratio Lower Upper
106 100
91 198.4 157.0 235.6

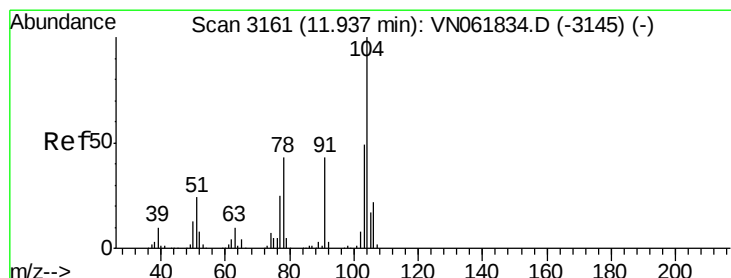
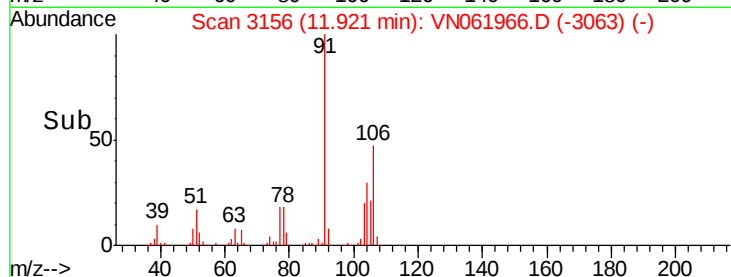
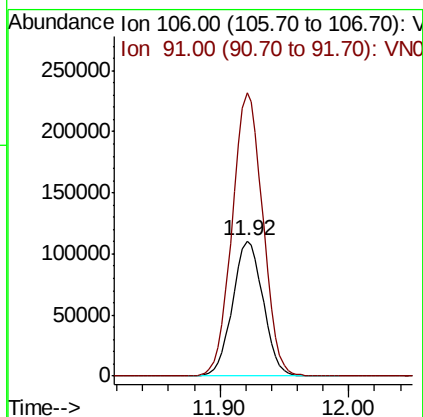
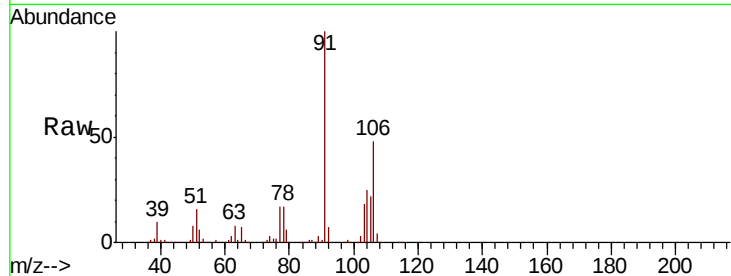




#69
o-Xylene
Concen: 52.734 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

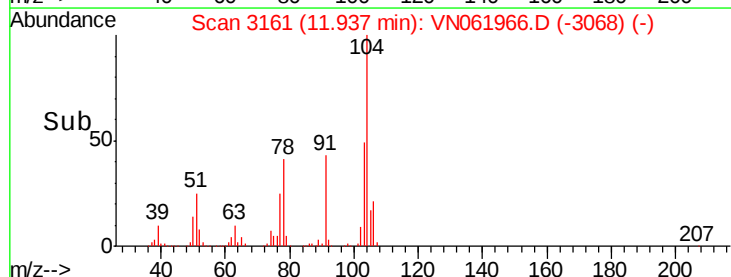
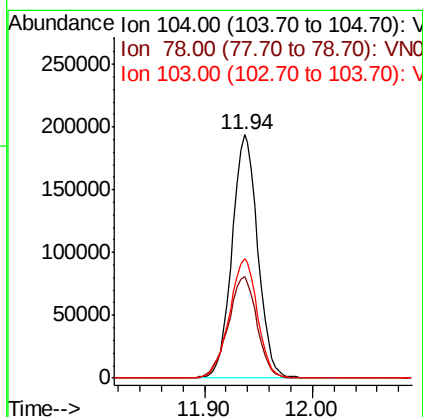
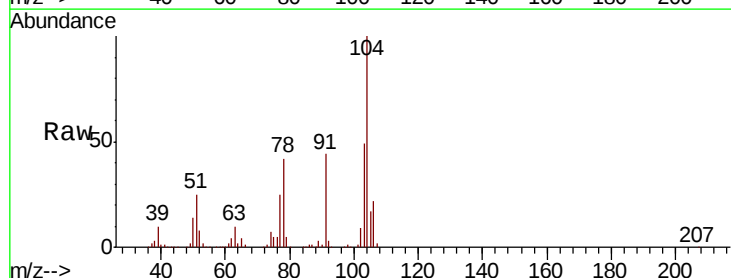
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

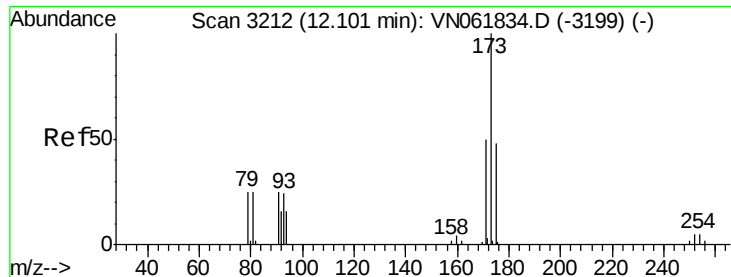
Tot Ion:106 Resp: 181669
Ion Ratio Lower Upper
106 100
91 210.6 103.0 308.9



#70
Styrene
Concen: 55.549 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion:104 Resp: 320425
Ion Ratio Lower Upper
104 100
78 46.9 37.6 56.4
103 53.6 43.0 64.4





#71

Bromoform

Concen: 57.084 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

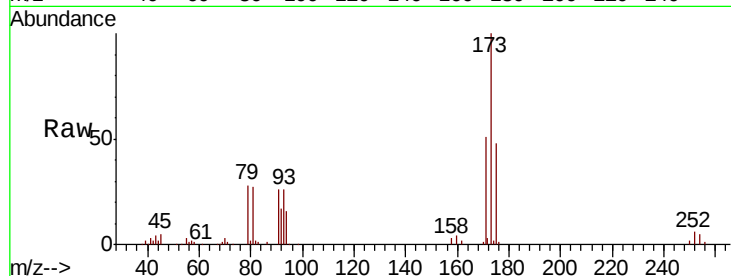
Tot Ion:173 Resp: 81069

Ion Ratio Lower Upper

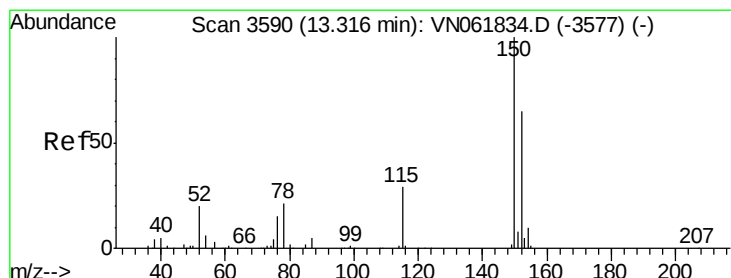
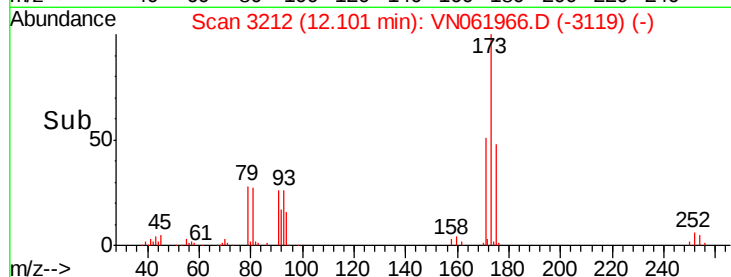
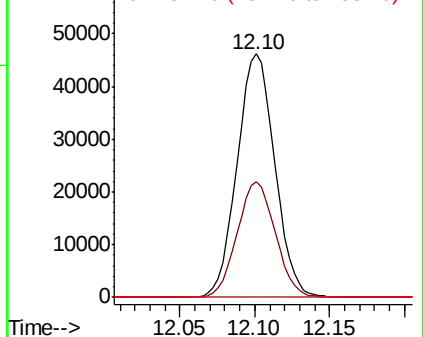
173 100

175 47.9 23.9 71.7

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: VN061966.D

Acq: 19 Jun 2020 20:48

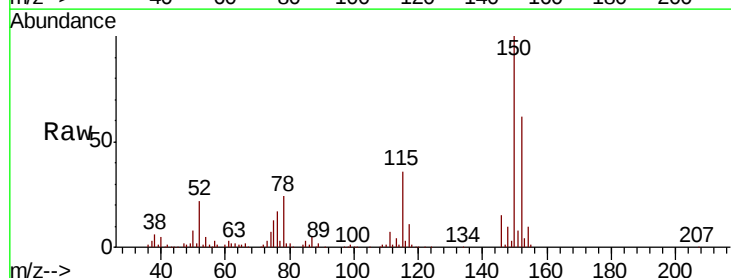
Tgt Ion:152 Resp: 126273

Ion Ratio Lower Upper

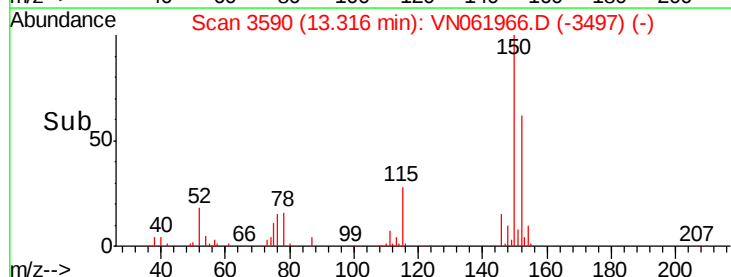
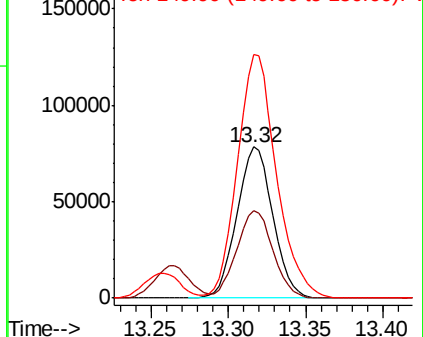
152 100

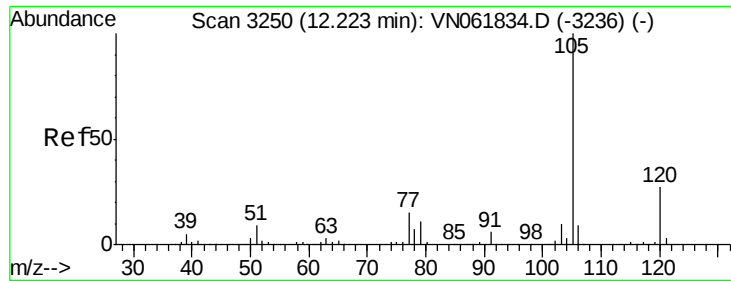
115 58.6 29.1 87.3

150 175.4 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.634 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

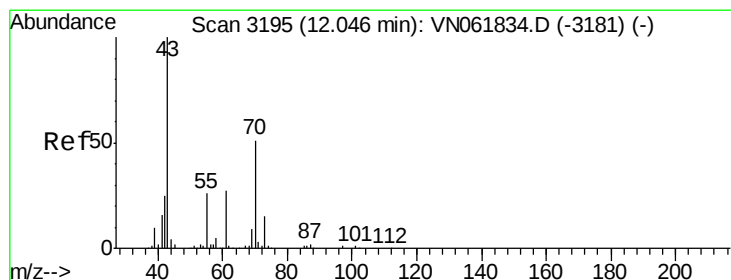
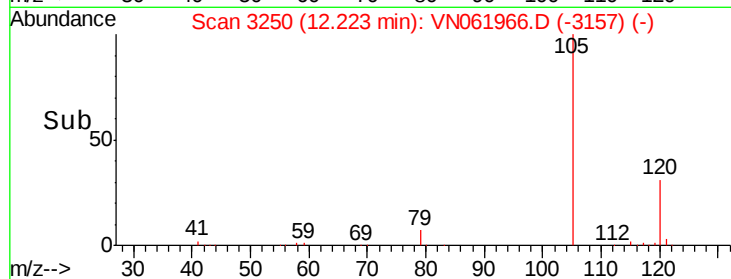
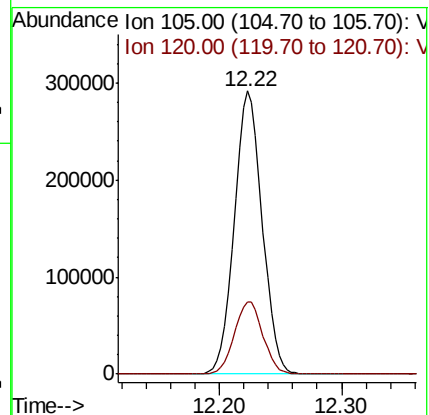
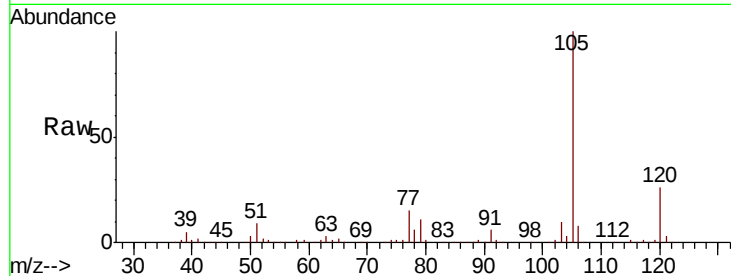
S49-0563MSD

Tot Ion:105 Resp: 463321

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 67.803 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Tgt Ion: 43 Resp: 224108

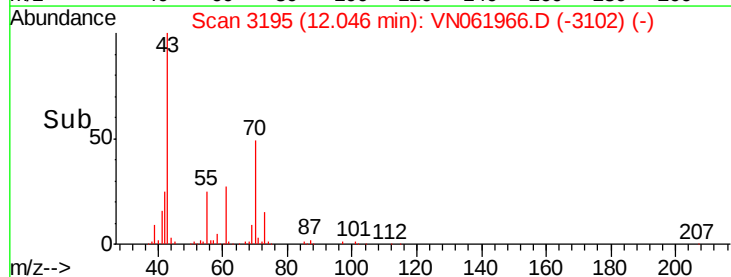
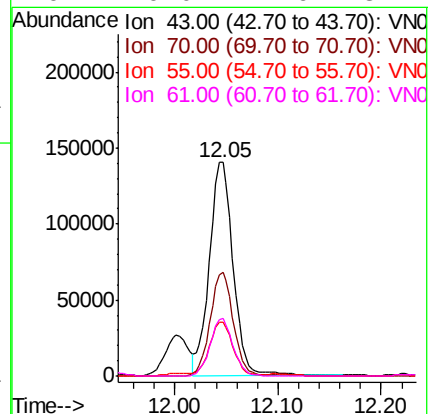
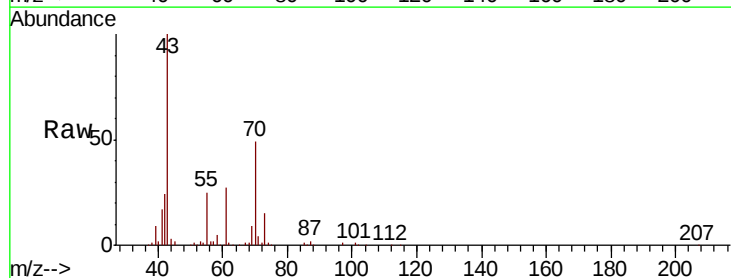
Ion Ratio Lower Upper

43 100

70 47.2 40.6 60.8

55 23.9 21.5 32.3

61 26.0 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 58.614 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampled :

S49-0563MSD

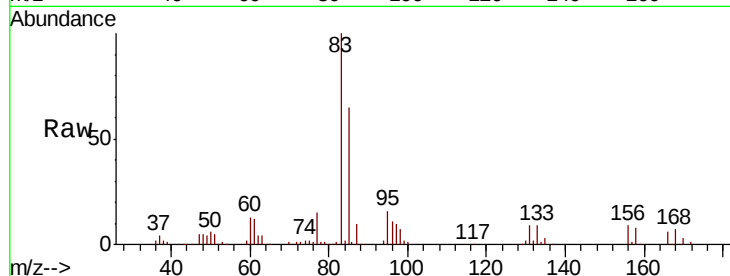
Tot Ion: 83 Resp: 170999

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

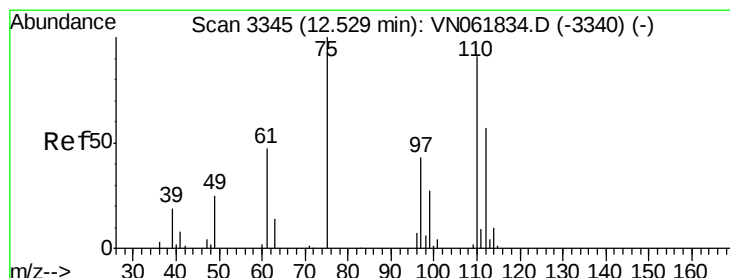
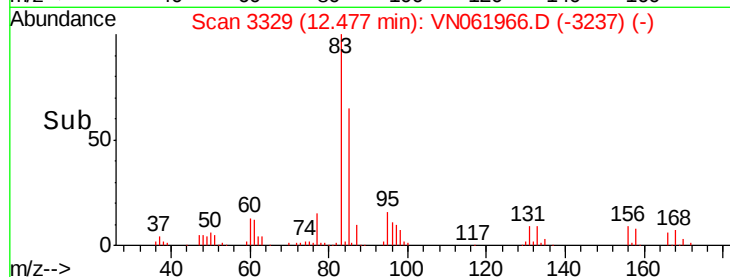
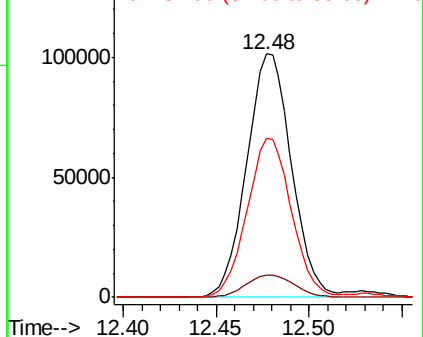
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 87.720 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061966.D

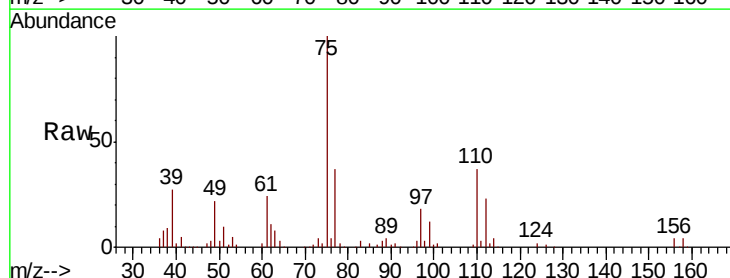
Acq: 19 Jun 2020 20:48

Tgt Ion: 75 Resp: 217463

Ion Ratio Lower Upper

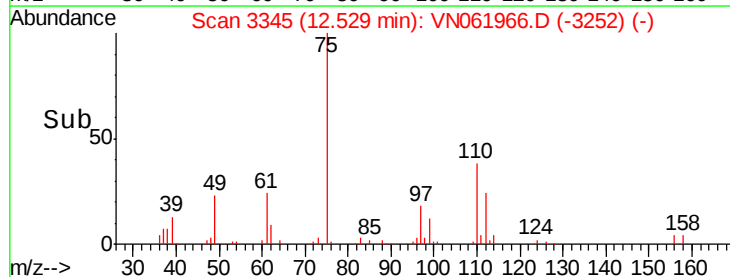
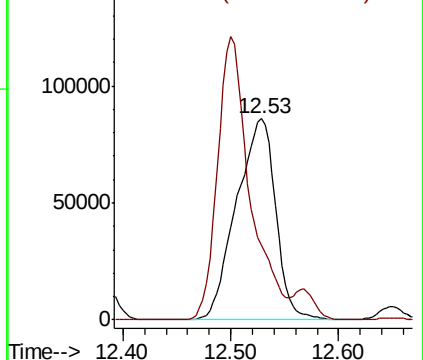
75 100

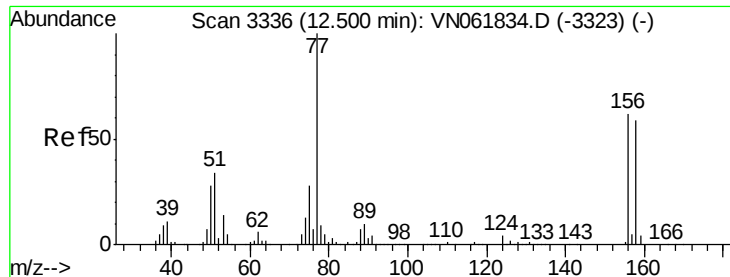
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 52.309 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampled :

S49-0563MSD

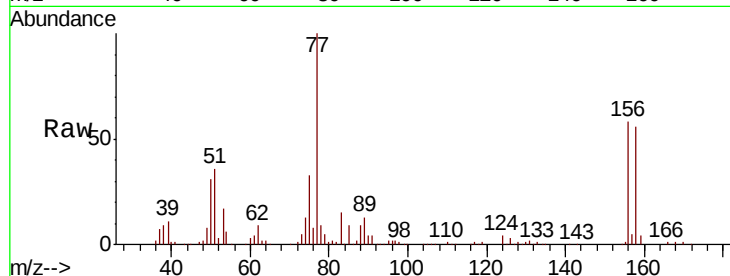
Tot Ion:156 Resp: 118416

Ion Ratio Lower Upper

156 100

77 214.9 100.7 302.1

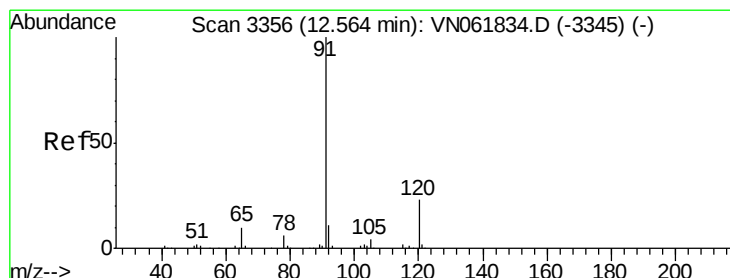
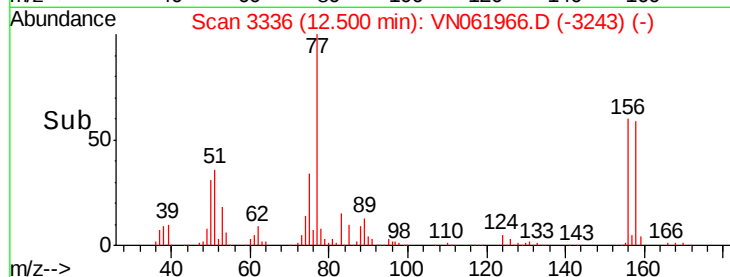
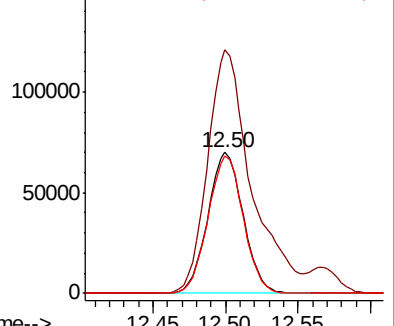
158 97.1 48.5 145.5



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: 51.207 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061966.D

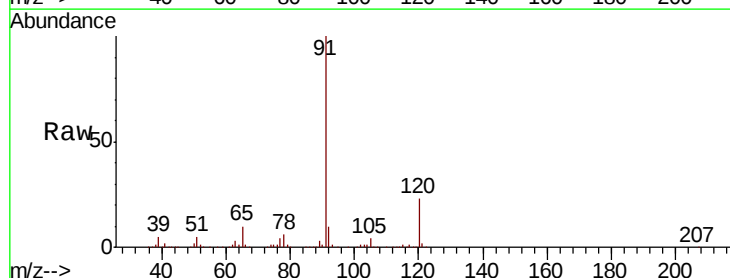
Acq: 19 Jun 2020 20:48

Tgt Ion: 91 Resp: 524297

Ion Ratio Lower Upper

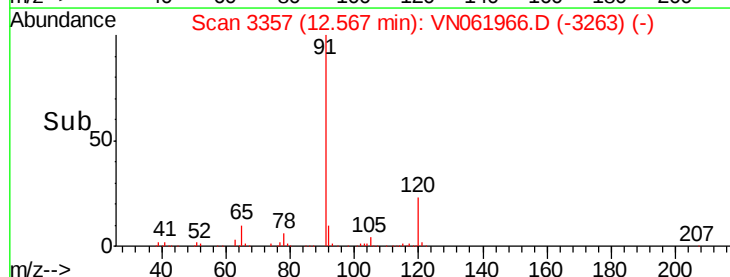
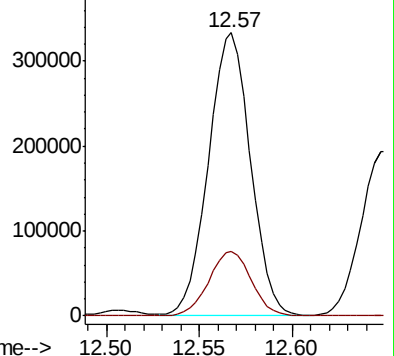
91 100

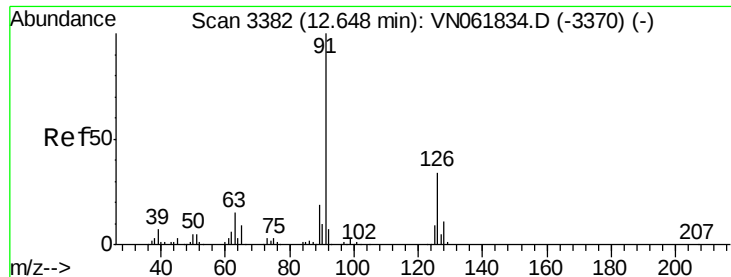
120 22.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.132 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

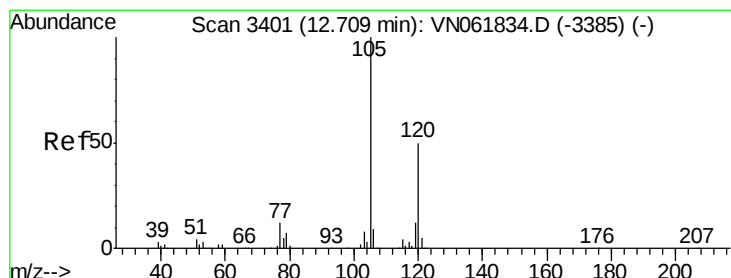
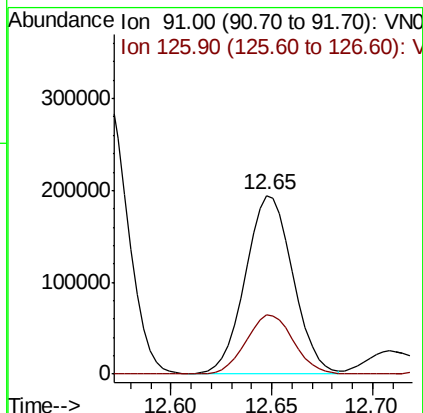
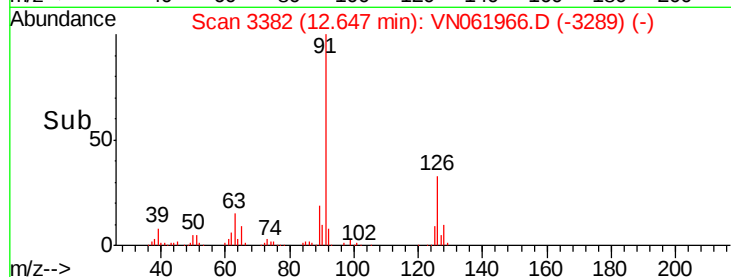
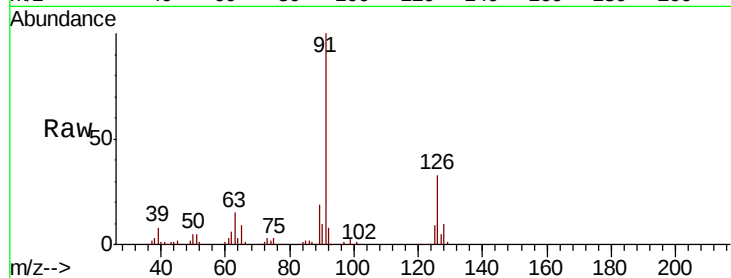
S49-0563MSD

Tot Ion: 91 Resp: 320575

Ion Ratio Lower Upper

91 100

126 33.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.145 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061966.D

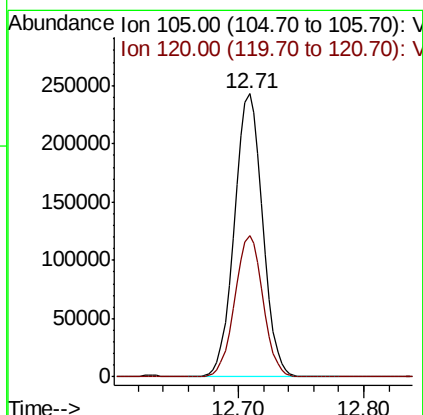
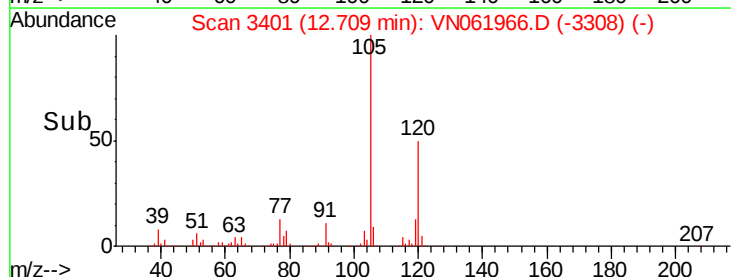
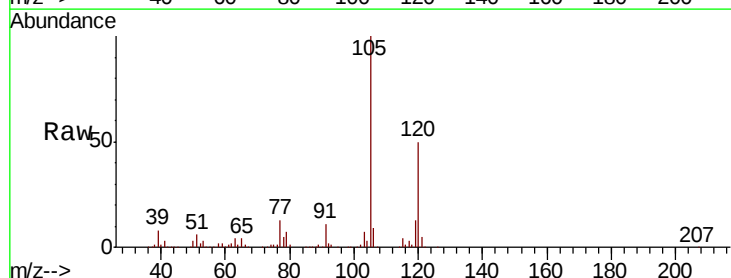
Acq: 19 Jun 2020 20:48

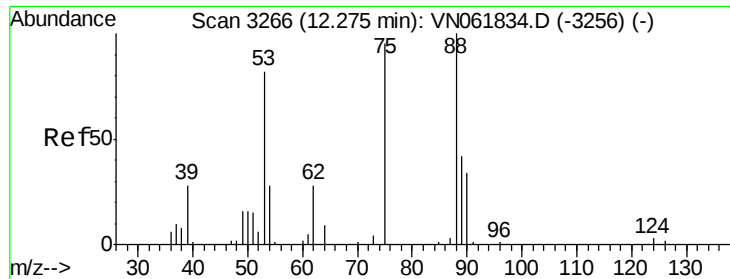
Tgt Ion: 105 Resp: 379683

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 62.950 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

S49-0563MSD

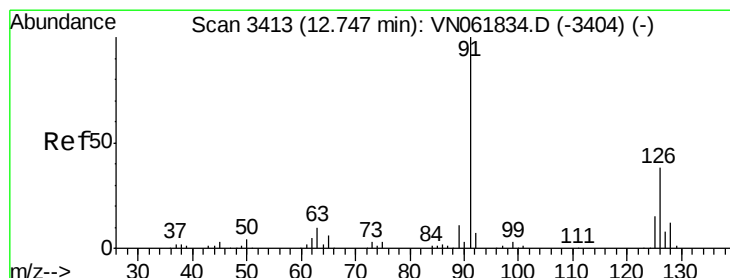
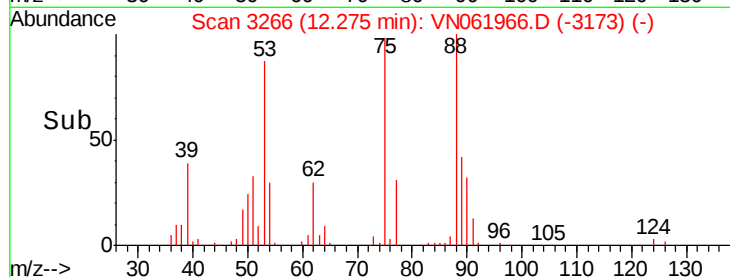
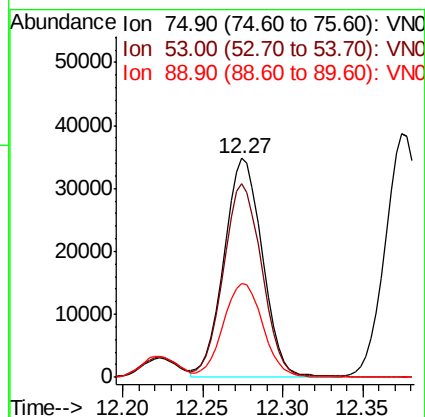
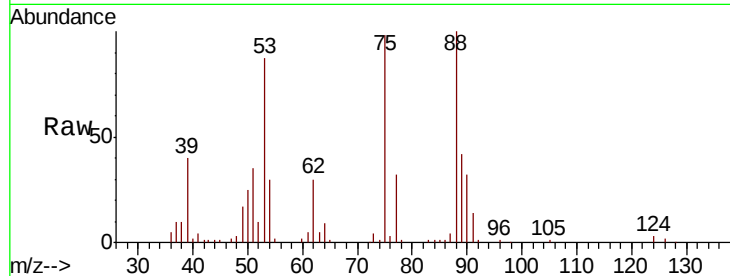
Tot Ion: 75 Resp: 57218

Ion Ratio Lower Upper

75 100

53 89.1 70.4 105.6

89 44.2 36.0 54.0



#82

4-Chlorotoluene

Concen: 52.259 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061966.D

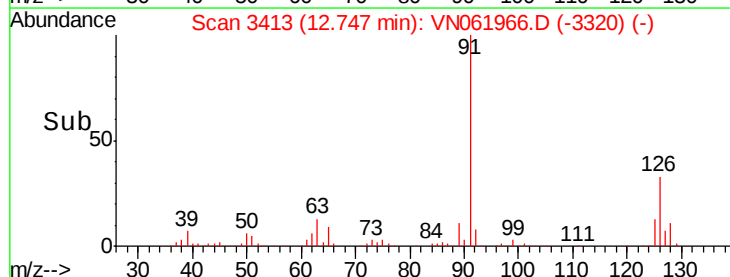
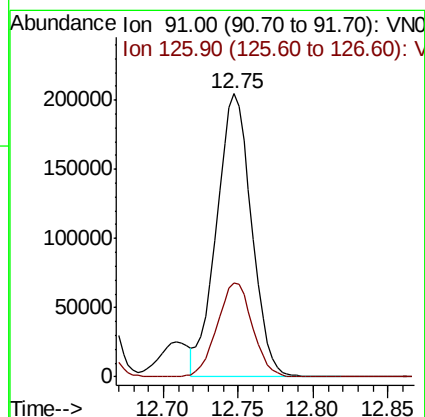
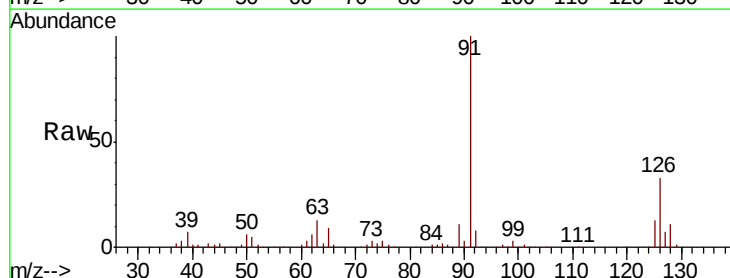
Acq: 19 Jun 2020 20:48

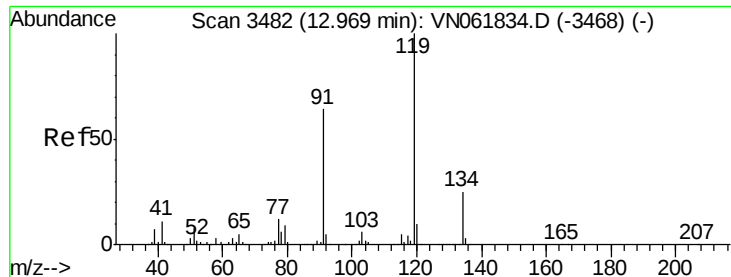
Tgt Ion: 91 Resp: 332061

Ion Ratio Lower Upper

91 100

126 33.6 17.2 51.6

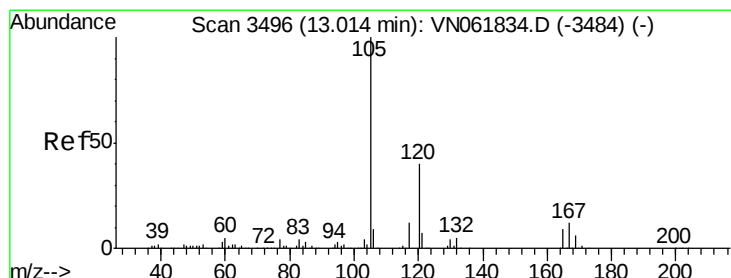
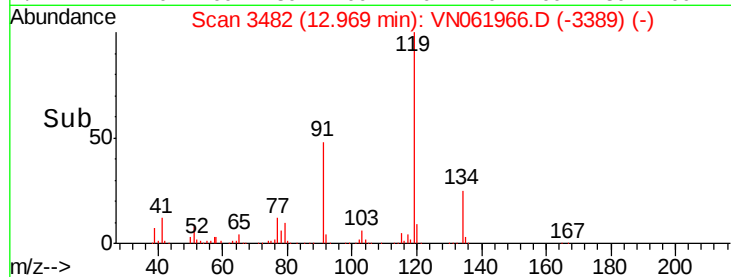
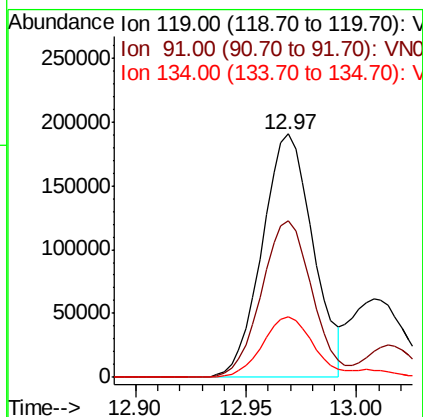
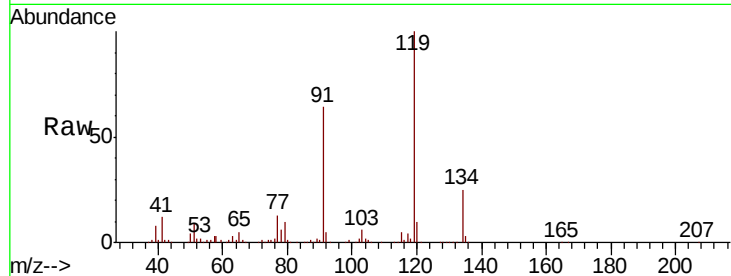




#83
tert-Butylbenzene
Concen: 48.368 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

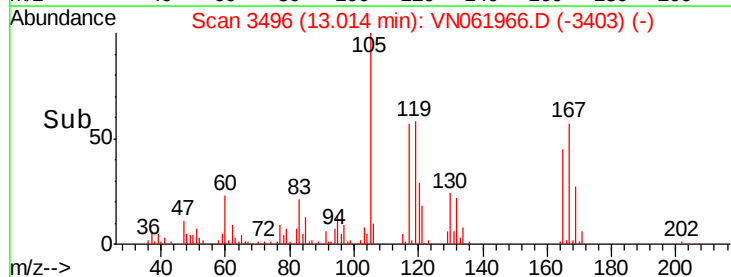
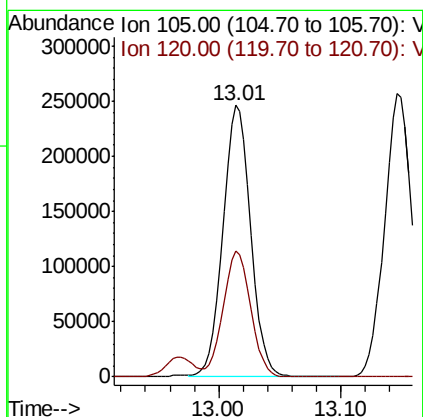
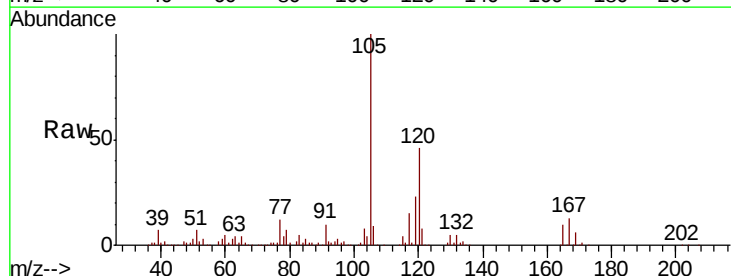
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

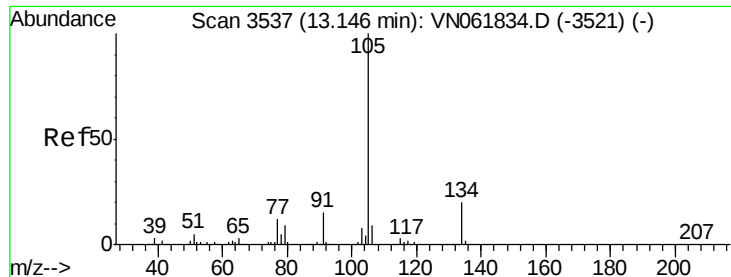
Tot Ion:119 Resp: 304407
Ion Ratio Lower Upper
119 100
91 64.3 31.5 94.5
134 25.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.461 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion:105 Resp: 391769
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.9





#85

sec-Butylbenzene

Concen: 49.185 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

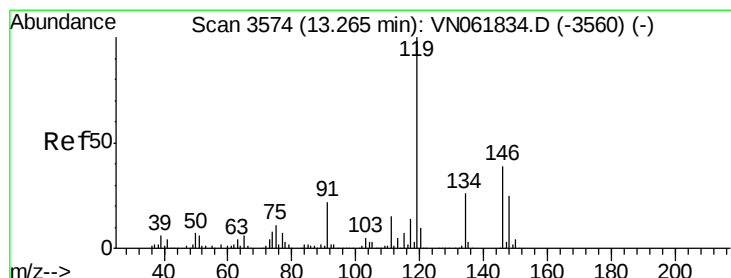
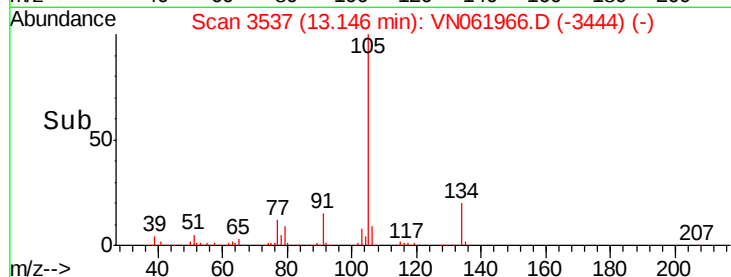
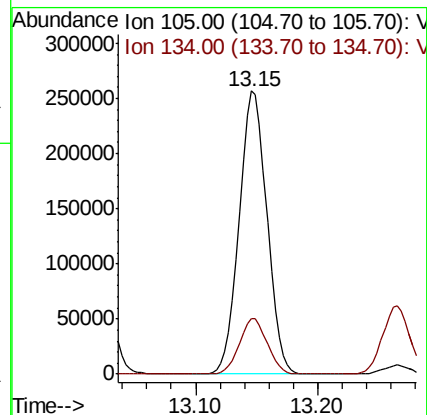
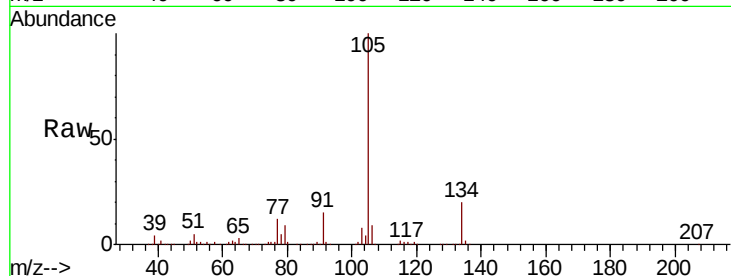
S49-0563MSD

Tot Ion:105 Resp: 405163

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.798 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061966.D

Acq: 19 Jun 2020 20:48

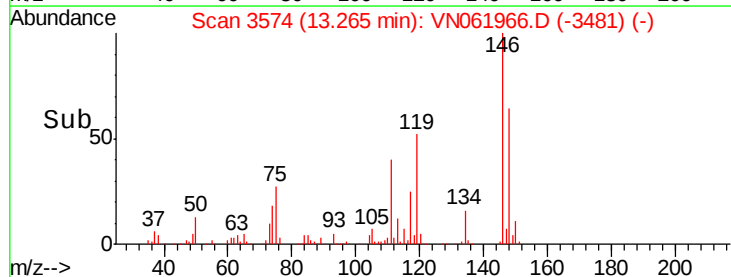
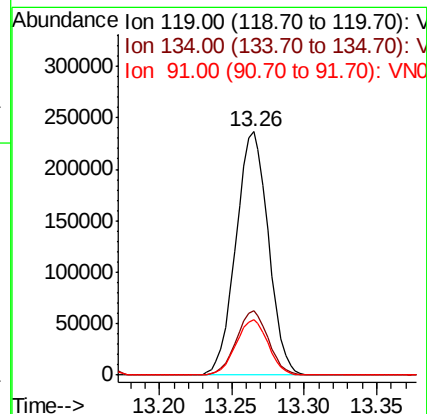
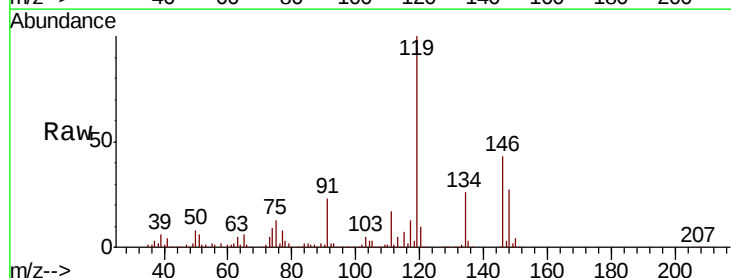
Tgt Ion:119 Resp: 365530

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

91 22.5 11.2 33.6

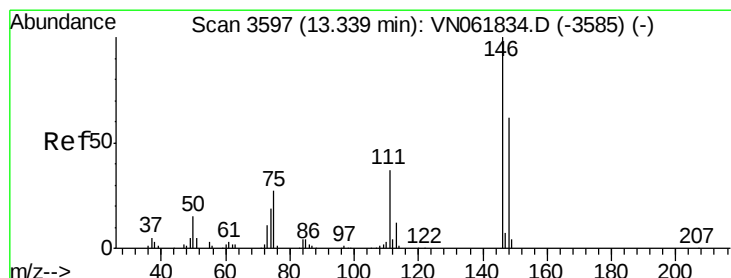
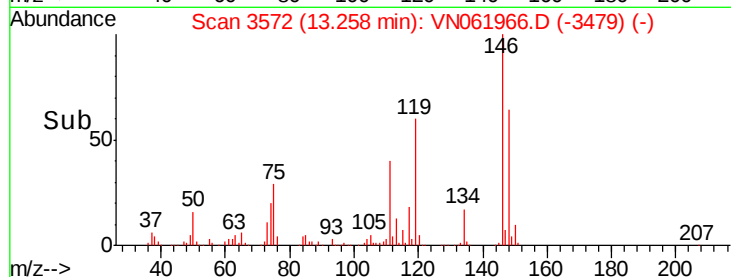
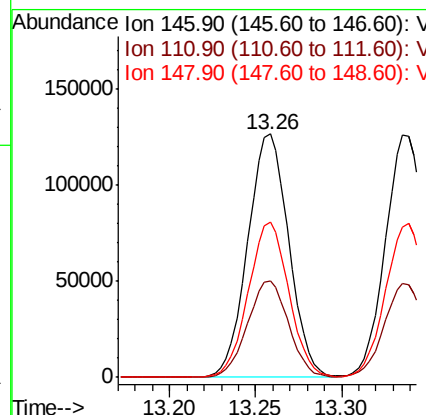
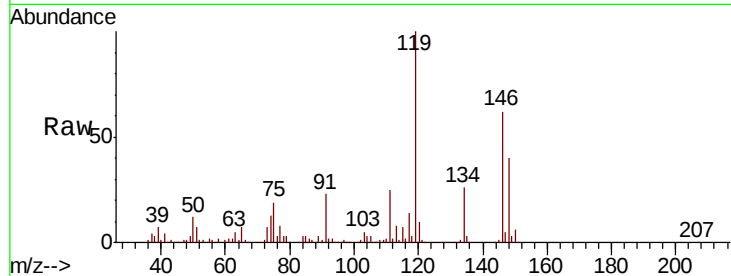




#87
 1,3-Dichlorobenzene
 Concen: 50.631 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

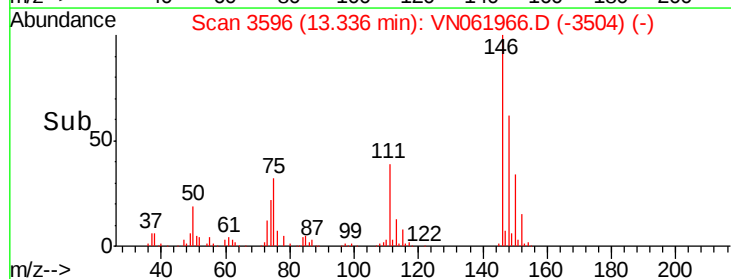
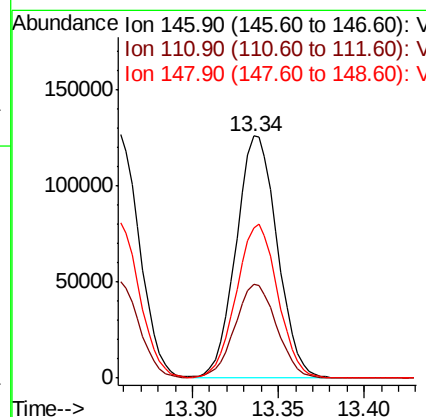
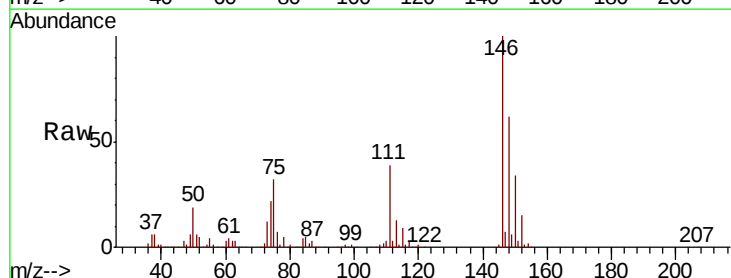
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

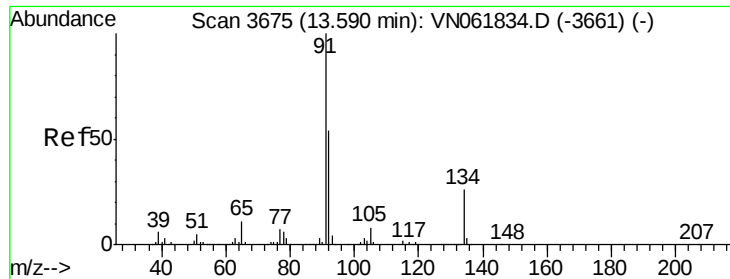
Tot Ion:146 Resp: 209048
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.365 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion:146 Resp: 208632
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.8
 148 64.5 31.6 94.7

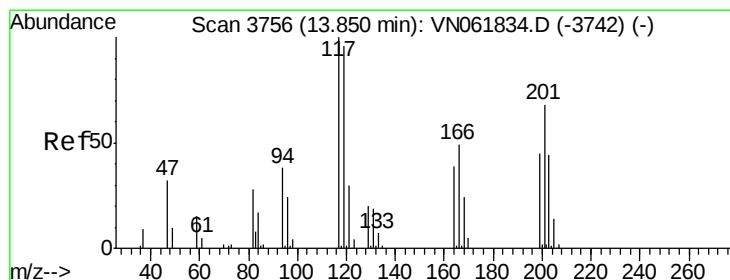
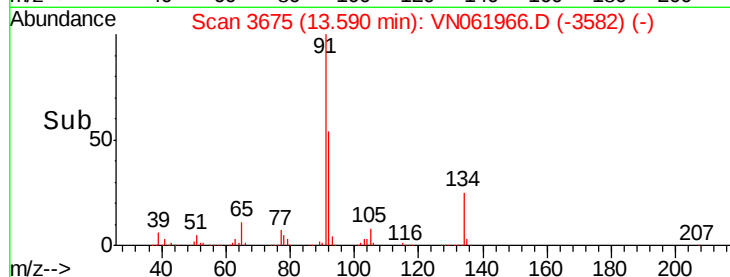
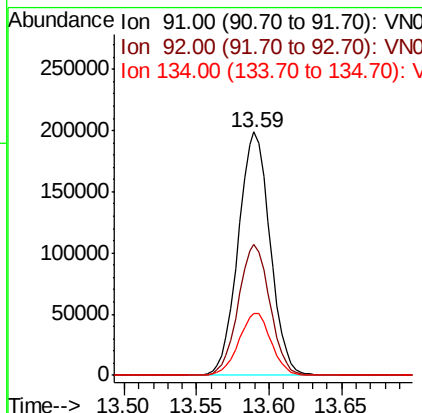
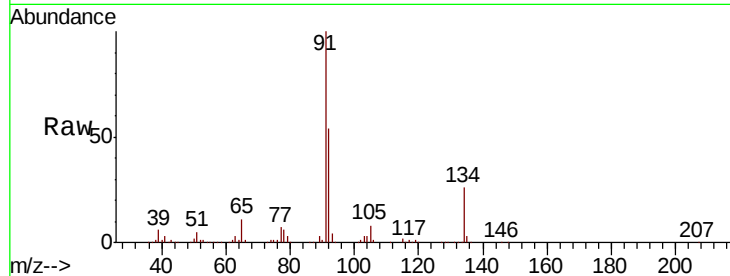




#89
n-Butylbenzene
Concen: 49.519 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

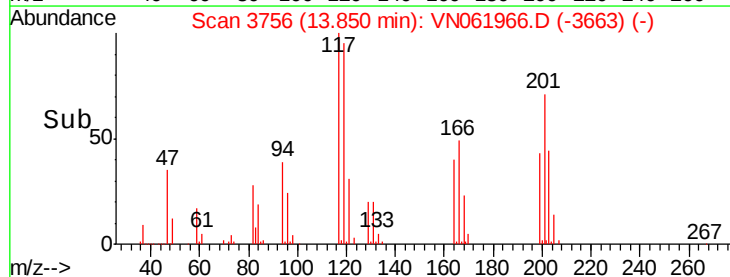
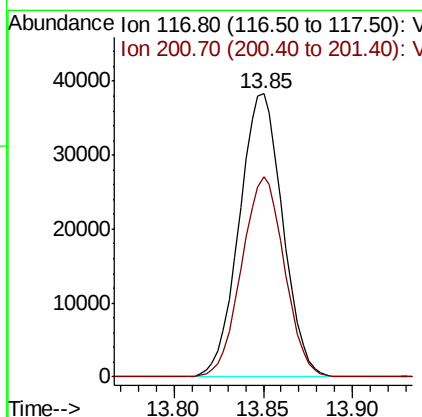
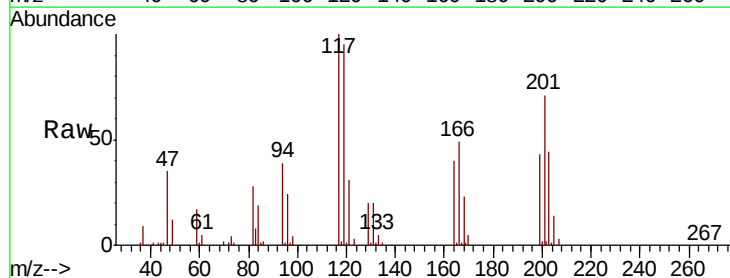
Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion: 91 Resp: 303559
Ion Ratio Lower Upper
91 100
92 53.6 27.0 80.8
134 25.7 13.0 39.0



#90
Hexachloroethane
Concen: 48.517 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion: 117 Resp: 65190
Ion Ratio Lower Upper
117 100
201 69.6 34.6 103.8

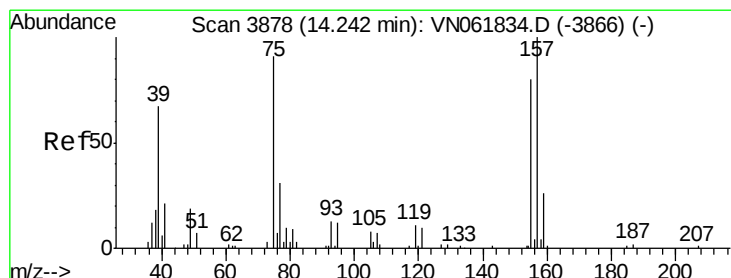
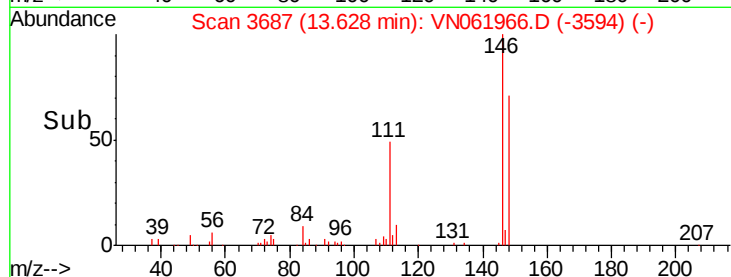
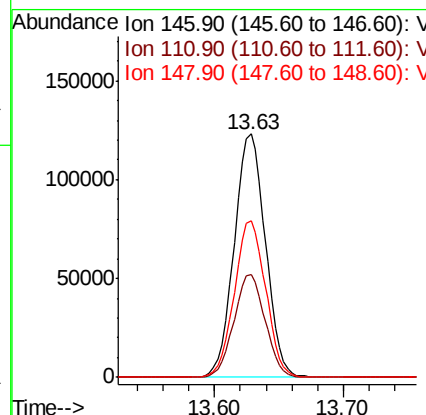
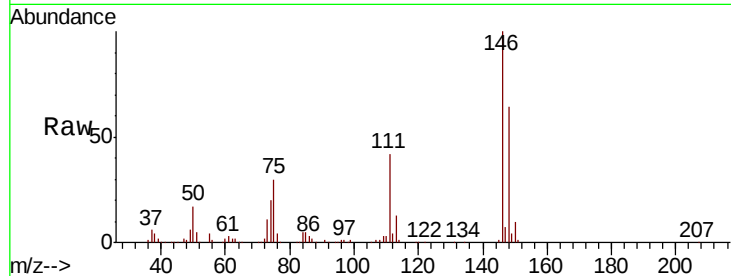




#91
 1,2-Dichlorobenzene
 Concen: 52.058 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

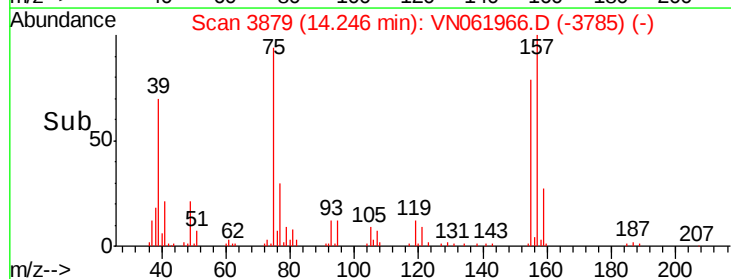
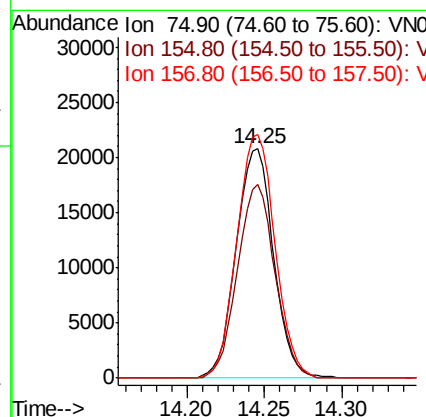
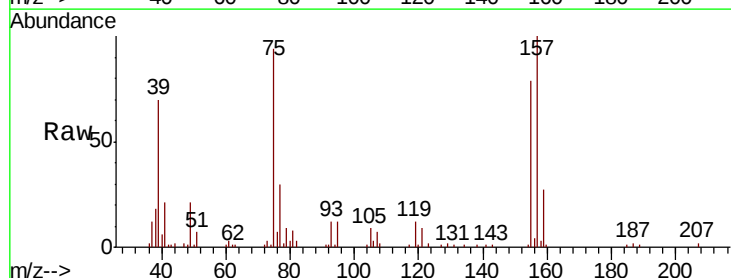
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

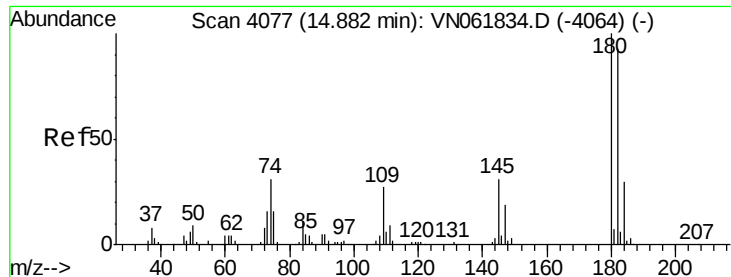
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.2
148	64.4	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.024 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	44.4	133.2
157	108.0	57.0	171.2

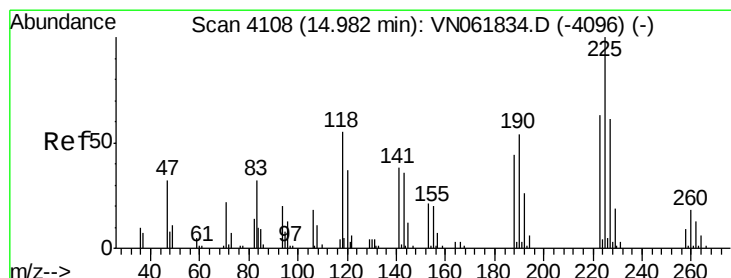
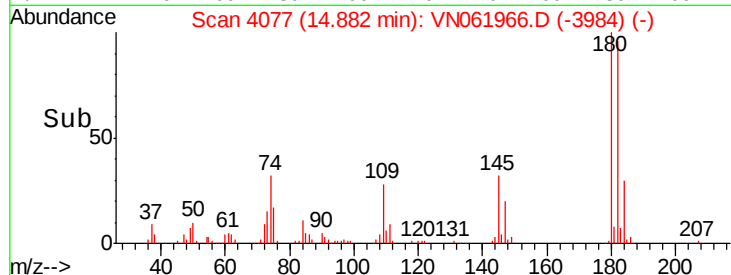
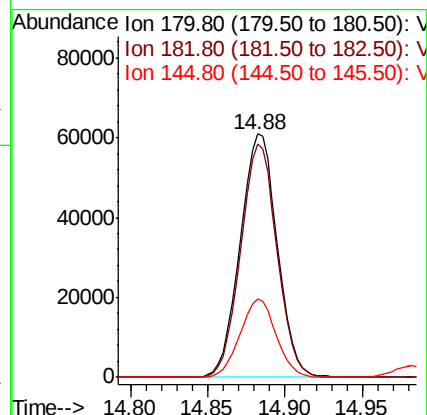
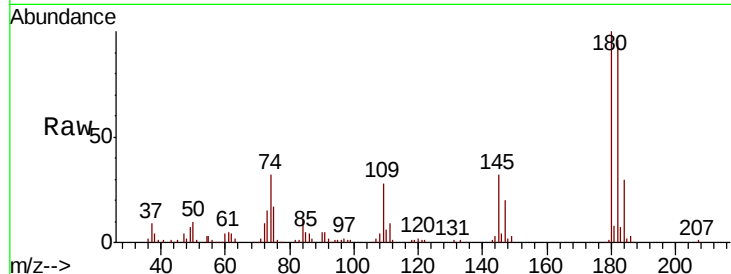




#93
 1,2,4-Trichlorobenzene
 Concen: 54.091 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

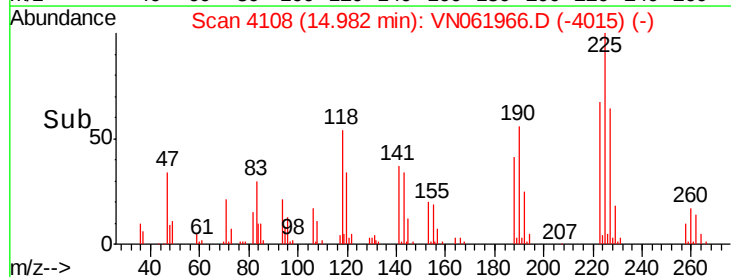
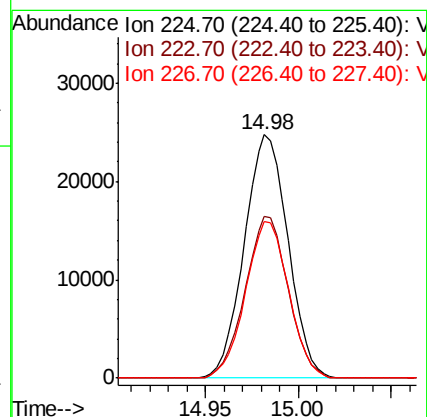
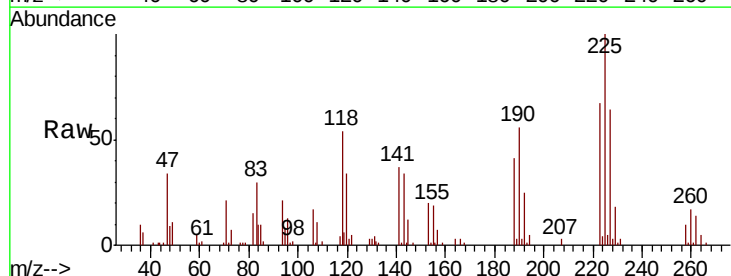
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

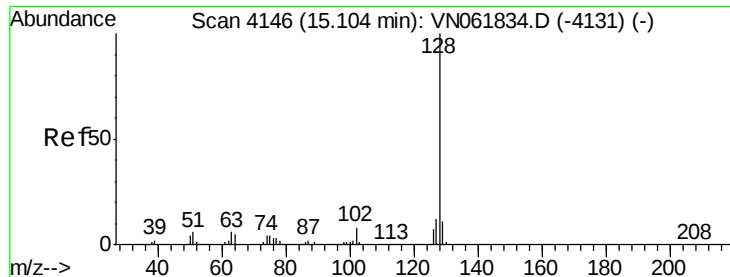
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.0	141.2
145	31.1	15.8	47.3



#94
 Hexachlorobutadiene
 Concen: 55.082 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061966.D
 Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.7	95.1
227	63.4	30.1	90.3

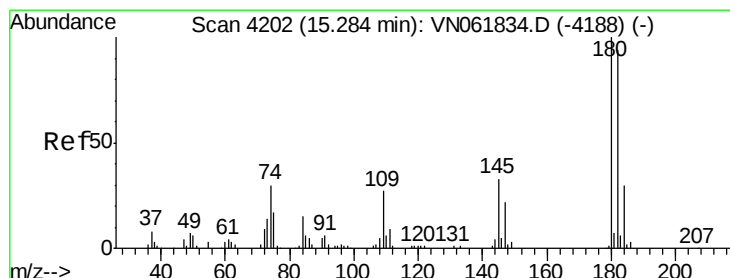
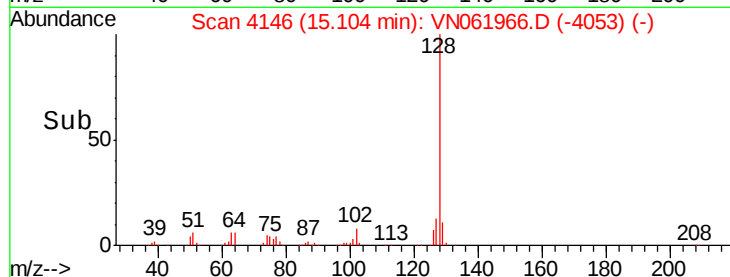
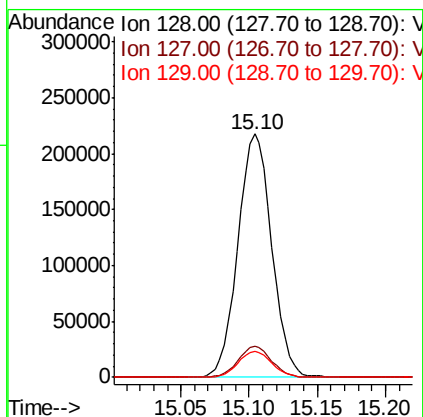
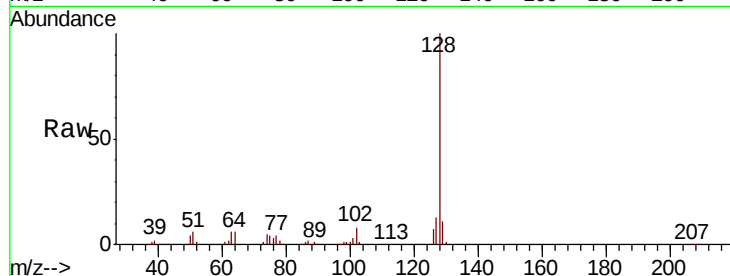




#95
Naphthalene
Concen: 58.924 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
S49-0563MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.843 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061966.D
Acq: 19 Jun 2020 20:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.6
145	33.2	16.5	49.5

