

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122920\
 Data File : VV019860.D
 Acq On : 29 Dec 2020 13:16
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB75

Quant Time: Dec 30 04:41:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 12:51:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	293598	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	274920	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	135588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	102891	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.57	69	85020	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.11	63	209811	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	3.93	46	222237	49.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.72%
24) Chloroform-d	4.35	84	187157	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.04	65	93530	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.05	84	370258	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.07	67	111417	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.32	98	324840	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.63	79	41169	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.10	63	161038	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	70434	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
66) 1,2-Dichlorobenzene-d4	11.63	152	100352	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	135943	4.841	ug/L 99
3) Chloromethane	1.24	50	155870	5.019	ug/L 98
5) Vinyl chloride	1.31	62	151801	4.982	ug/L 99
6) Bromomethane	1.52	94	87235	4.891	ug/L 99
8) Chloroethane	1.58	64	91796	4.929	ug/L 100
9) Trichlorofluoromethane	1.75	101	181152	4.895	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	97500	4.897	ug/L 98
12) 1,1-Dichloroethene	2.12	96	99203	4.876	ug/L 92
13) Acetone	2.25	43	164107	49.095	ug/L 88
14) Carbon disulfide	2.29	76	348508	4.947	ug/L 99
15) Methyl Acetate	2.45	43	36935	4.424	ug/L # 71
16) Methylene chloride	2.51	84	119009	4.804	ug/L 97
17) Methyl tert-butyl Ether	2.78	73	254620	5.004	ug/L 99
18) trans-1,2-Dichloroethene	2.76	96	114596	4.987	ug/L 100
19) 1,1-Dichloroethane	3.19	63	222988	5.013	ug/L 100
21) 2-Butanone	4.01	43	268800	47.798	ug/L 97
22) cis-1,2-Dichloroethene	3.91	96	119468	5.001	ug/L 99

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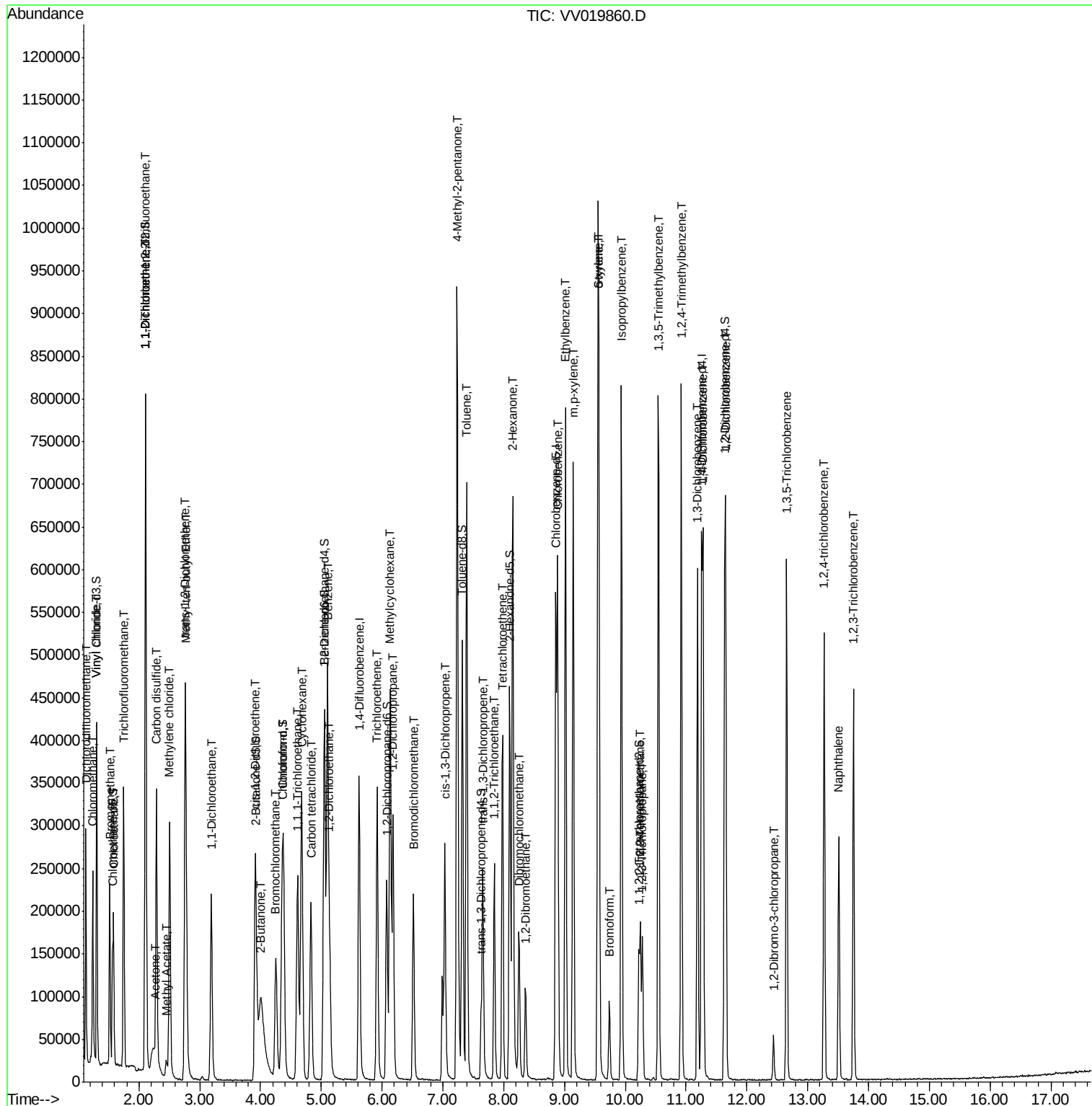
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	47540	4.992	ug/L	96
25) Chloroform	4.38	83	222238	5.023	ug/L	100
27) 1,2-Dichloroethane	5.14	62	135659	5.033	ug/L	97
29) 1,1,1-Trichloroethane	4.61	97	190095	5.070	ug/L	100
30) Cyclohexane	4.68	56	184813	4.900	ug/L	99
31) Carbon tetrachloride	4.83	117	152742	4.988	ug/L	98
33) Benzene	5.10	78	468286	5.087	ug/L	100
34) Trichloroethene	5.92	95	123027	5.003	ug/L	98
35) Methylcyclohexane	6.14	83	181107	4.923	ug/L	99
37) 1,2-Dichloropropane	6.18	63	119146	5.162	ug/L	99
38) Bromodichloromethane	6.51	83	141975	4.987	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	162336	5.124	ug/L	98
40) 4-Methyl-2-pentanone	7.23	43	675157	51.797	ug/L	100
42) Toluene	7.39	91	476436	5.097	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	134300	5.176	ug/L	99
45) 1,1,2-Trichloroethane	7.85	97	74629	5.000	ug/L	97
47) Tetrachloroethene	7.98	164	80552	4.823	ug/L	99
48) 2-Hexanone	8.15	43	473489	52.407	ug/L	99
49) Dibromochloromethane	8.25	129	81696	5.059	ug/L	100
50) 1,2-Dibromoethane	8.36	107	70012	5.164	ug/L	98
51) Chlorobenzene	8.88	112	294956	4.989	ug/L	100
52) Ethylbenzene	9.02	91	525596	5.074	ug/L	99
53) m,p-xylene	9.14	106	191644	5.062	ug/L	100
54) o-xylene	9.55	106	186650	5.143	ug/L	100
55) Styrene	9.57	104	321309	5.239	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.25	83	81870	5.182	ug/L	96
59) Bromoform	9.74	173	37044	5.036	ug/L	96
60) Isopropylbenzene	9.94	105	498881	5.054	ug/L	100
61) 1,2,3-Trichloropropane	10.28	75	65056	4.963	ug/L	99
62) 1,3,5-Trimethylbenzene	10.54	105	411670	5.045	ug/L	100
63) 1,2,4-Trimethylbenzene	10.92	105	431652	5.193	ug/L	100
64) 1,3-Dichlorobenzene	11.19	146	218673	5.045	ug/L	98
65) 1,4-Dichlorobenzene	11.28	146	219344	5.045	ug/L	98
67) 1,2-Dichlorobenzene	11.65	146	203000	5.093	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.44	75	12896	4.771	ug/L	100
69) 1,3,5-Trichlorobenzene	12.65	180	163012	5.074	ug/L	99
70) 1,2,4-trichlorobenzene	13.27	180	134356	5.144	ug/L	100
71) Naphthalene	13.51	128	208862	5.285	ug/L	100
72) 1,2,3-Trichlorobenzene	13.75	180	117764	5.297	ug/L	98

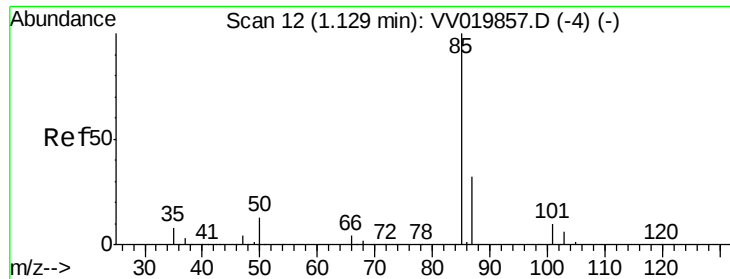
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.841 ug/L

RT: 1.13 min Scan# 12

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

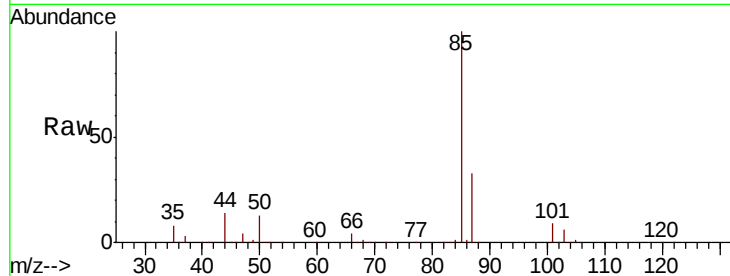
Instrument :
MSVOA_V
ClientSampleId :
BFB75

Tot Ion: 85 Resp: 135943

Ion Ratio Lower Upper

85 100

87 32.8 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VV019857.D (-4) (-)

Ion 87.00 (86.70 to 87.70): VV019857.D (-4) (-)

1.13

150000

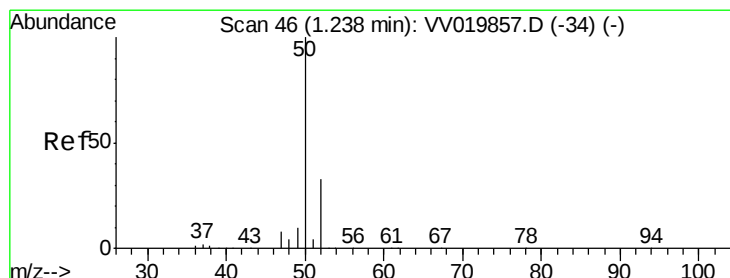
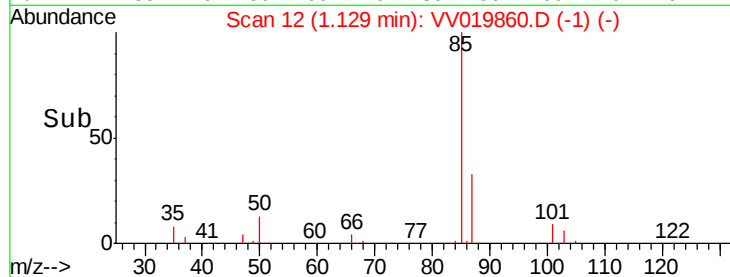
100000

50000

0

1.10 1.15 1.20

Time-->



#3

Chloromethane

Concen: 5.019 ug/L

RT: 1.24 min Scan# 47

Delta R.T. 0.00 min

Lab File: VV019860.D

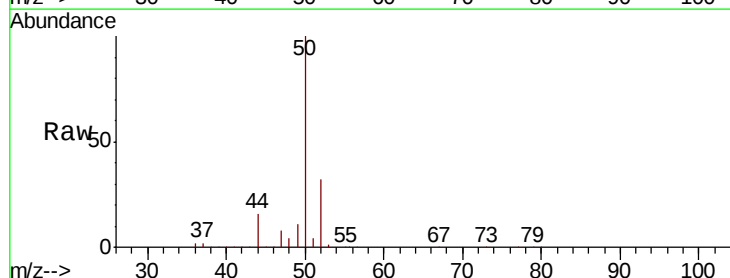
Acq: 29 Dec 2020 13:16

Tgt Ion: 50 Resp: 155870

Ion Ratio Lower Upper

50 100

52 31.9 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV019857.D (-34) (-)

Ion 52.05 (51.75 to 52.75): VV019857.D (-34) (-)

1.24

150000

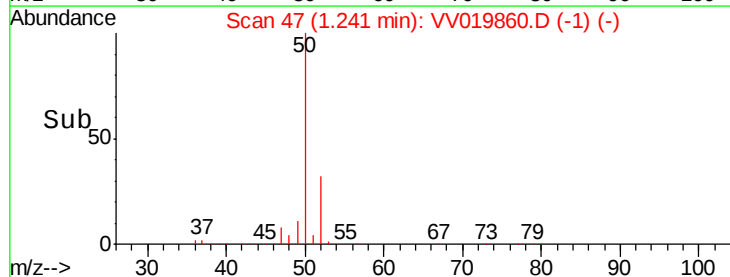
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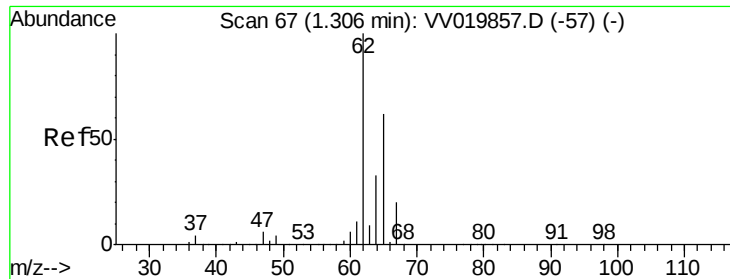
50000

0

1.20 1.25 1.30

Time-->





#5

Vinyl chloride

Concen: 4.982 ug/L

RT: 1.31 min Scan# 68

Delta R.T. 0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

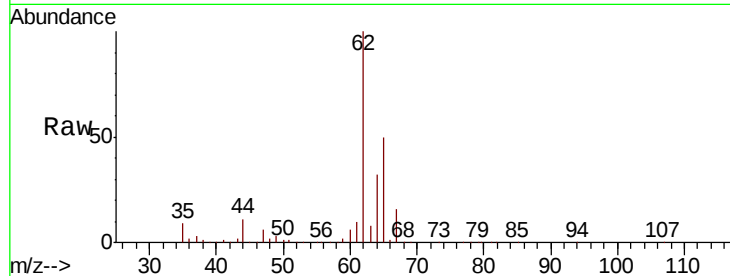
BFB75

Tot Ion: 62 Resp: 151801

Ion Ratio Lower Upper

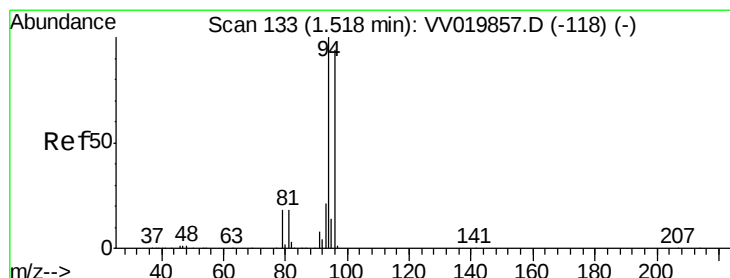
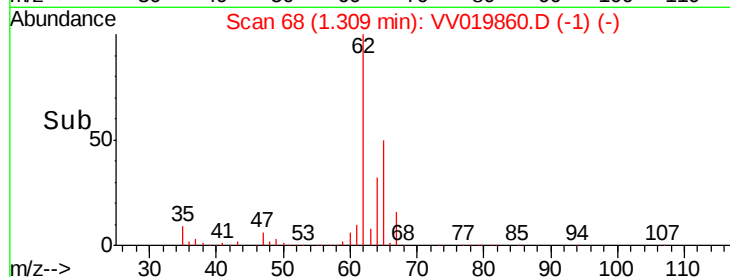
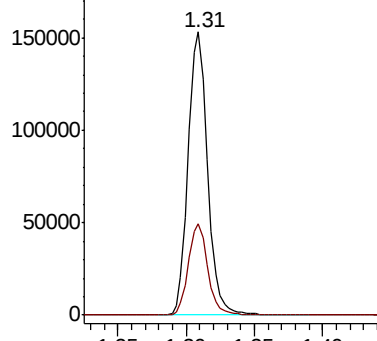
62 100

64 32.4 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 4.891 ug/L

RT: 1.52 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV019860.D

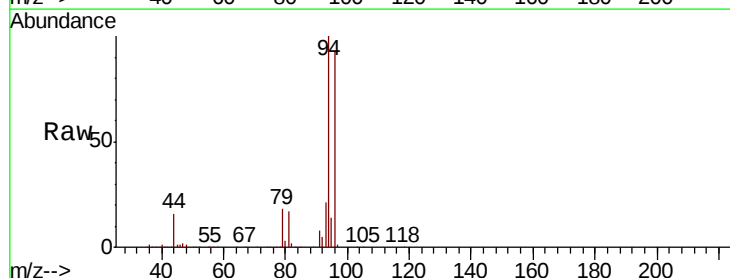
Acq: 29 Dec 2020 13:16

Tgt Ion: 94 Resp: 87235

Ion Ratio Lower Upper

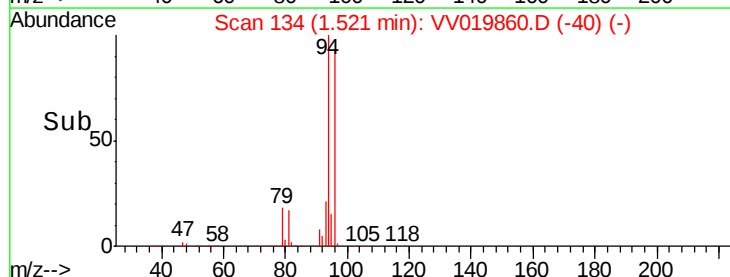
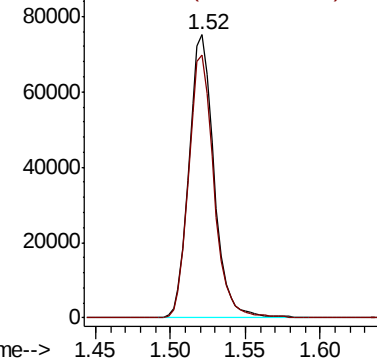
94 100

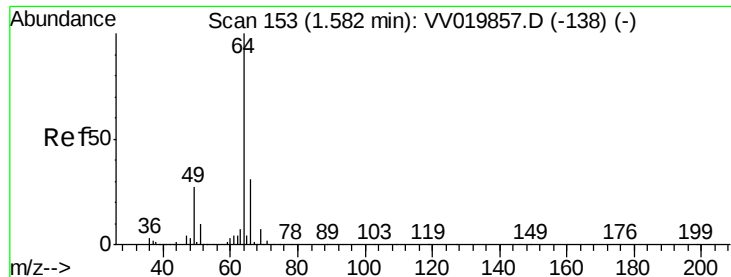
96 93.0 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 4.929 ug/L

RT: 1.58 min Scan# 153

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

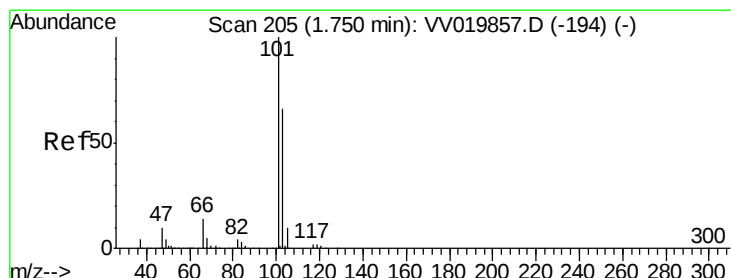
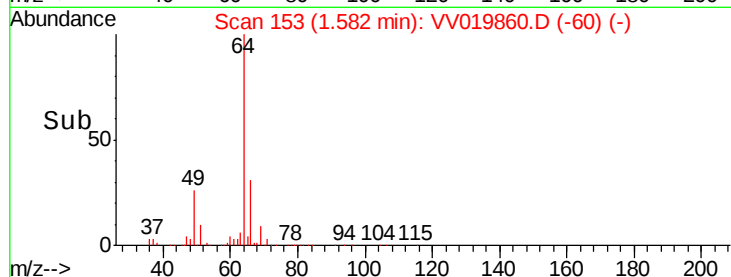
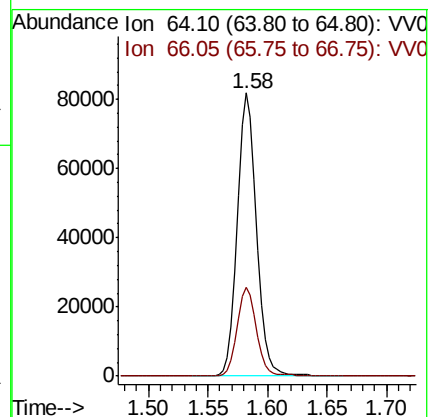
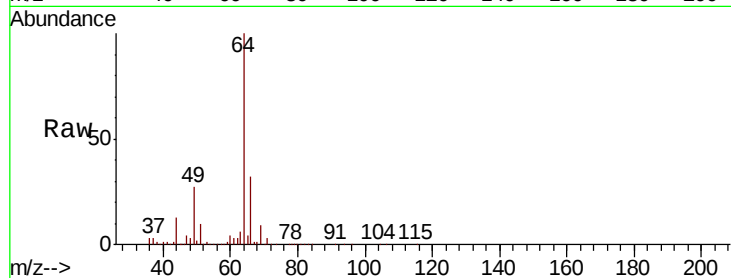
BFB75

Tot Ion: 64 Resp: 91796

Ion Ratio Lower Upper

64 100

66 31.5 22.0 40.8



#9

Trichlorofluoromethane

Concen: 4.895 ug/L

RT: 1.75 min Scan# 205

Delta R.T. -0.00 min

Lab File: VV019860.D

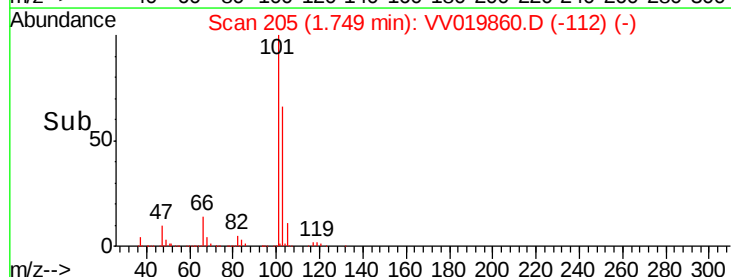
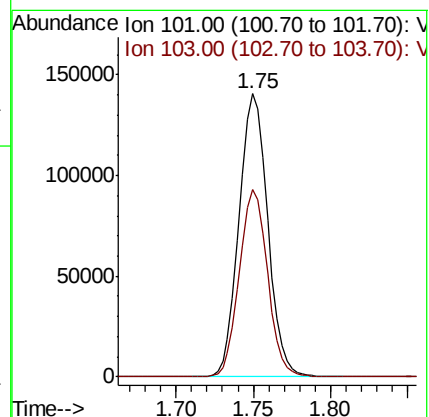
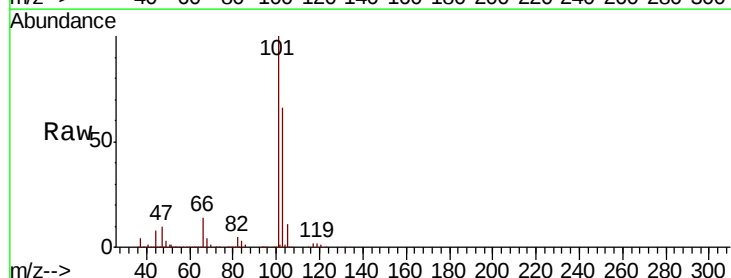
Acq: 29 Dec 2020 13:16

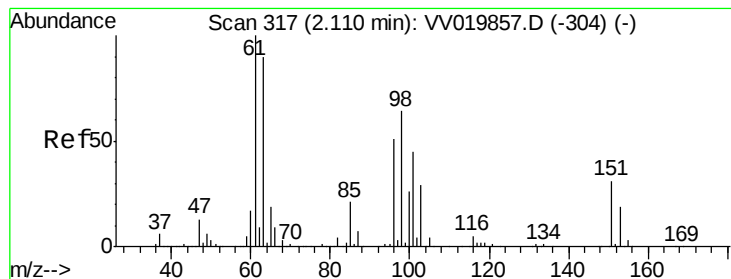
Tgt Ion: 101 Resp: 181152

Ion Ratio Lower Upper

101 100

103 65.1 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.897 ug/L

RT: 2.11 min Scan# 318

Delta R.T. 0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampled :

BFB75

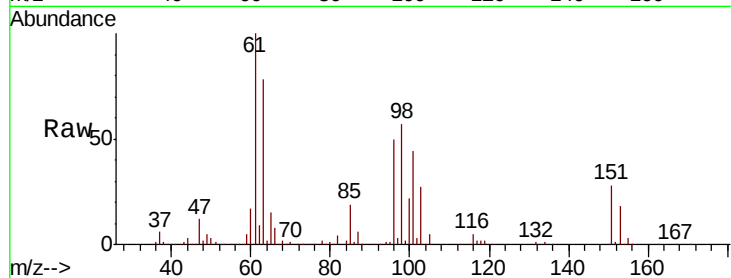
Tot Ion:101 Resp: 97500

Ion Ratio Lower Upper

101 100

85 46.0 36.4 54.6

151 65.9 54.1 81.1



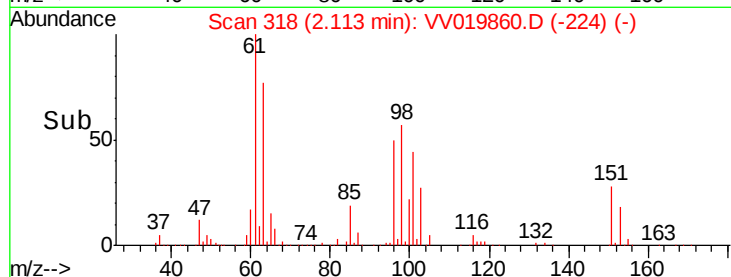
Abundance Ion 101.00 (100.70 to 101.70): VV019857.D (-304) (-)

Ion 85.00 (84.70 to 85.70): VV019857.D (-304) (-)

Ion 151.00 (150.70 to 151.70): VV019857.D (-304) (-)

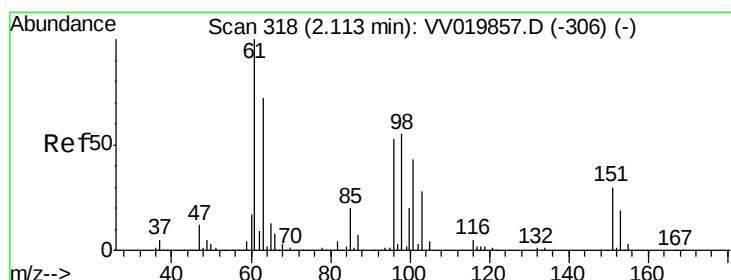
2.11

Time-->



2.11

Time-->



#12

1,1-Dichloroethene

Concen: 4.876 ug/L

RT: 2.12 min Scan# 319

Delta R.T. 0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

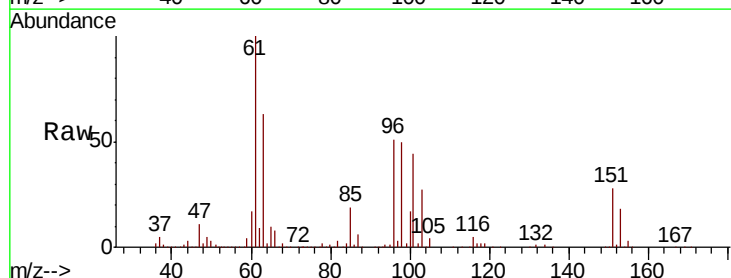
Tgt Ion: 96 Resp: 99203

Ion Ratio Lower Upper

96 100

61 196.1 131.5 244.1

63 123.0 95.2 176.8



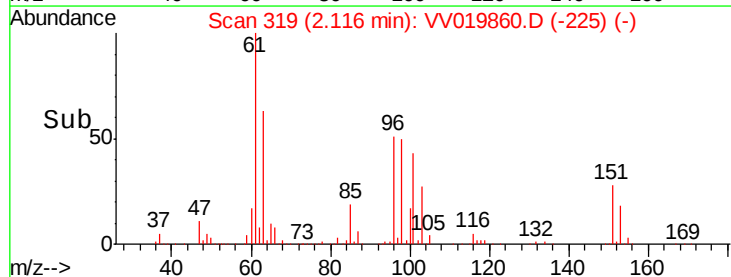
Abundance Ion 96.00 (95.70 to 96.70): VV019857.D (-306) (-)

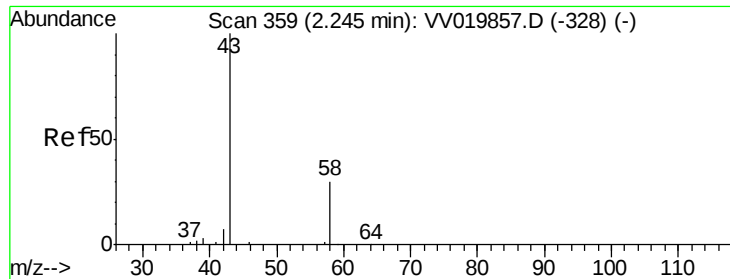
Ion 61.05 (60.75 to 61.75): VV019857.D (-306) (-)

Ion 63.00 (62.70 to 63.70): VV019857.D (-306) (-)

2.12

Time-->





#13

Acetone

Concen: 49.095 ug/L

RT: 2.25 min Scan# 362

Delta R.T. 0.01 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

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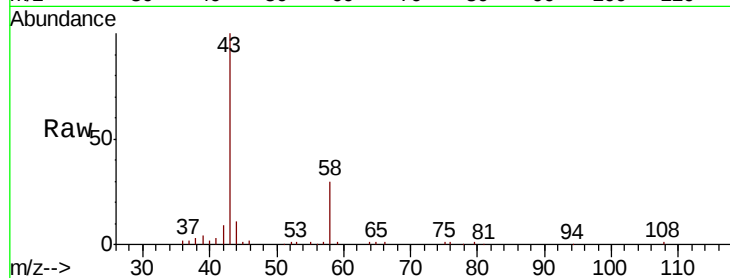
BFB75

Tot Ion: 43 Resp: 164107

Ion Ratio Lower Upper

43 100

58 10.6 0.0 31.4



Abundance Ion 43.05 (42.75 to 43.75): VV019857.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VV019857.D (-328) (-)

25000

20000

15000

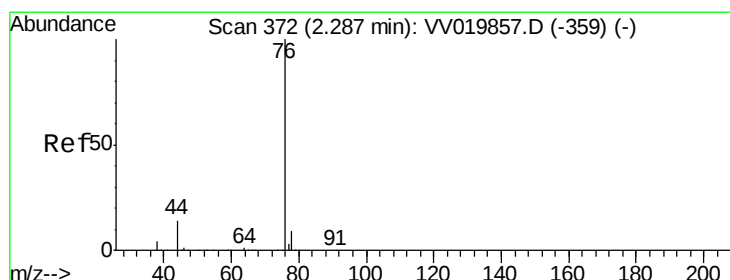
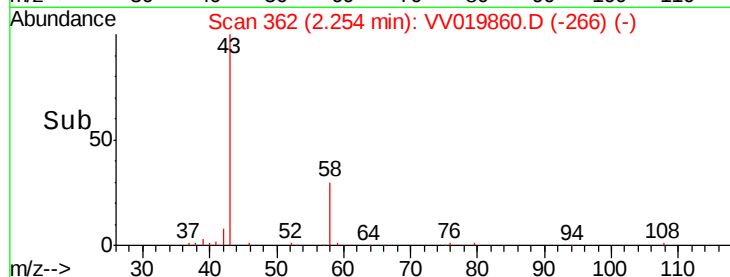
10000

5000

0

2.10 2.20 2.30 2.40 2.50

Time-->



#14

Carbon disulfide

Concen: 4.947 ug/L

RT: 2.29 min Scan# 373

Delta R.T. 0.00 min

Lab File: VV019860.D

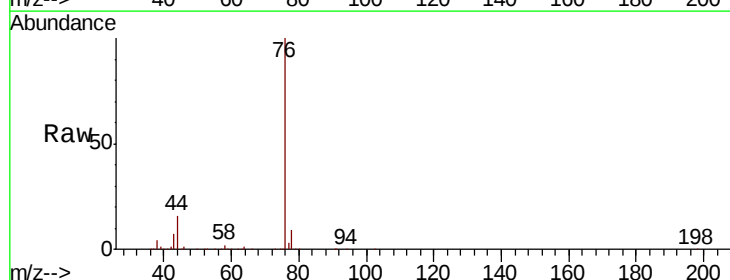
Acq: 29 Dec 2020 13:16

Tgt Ion: 76 Resp: 348508

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV019857.D (-359) (-)

Ion 78.00 (77.70 to 78.70): VV019857.D (-359) (-)

250000

200000

150000

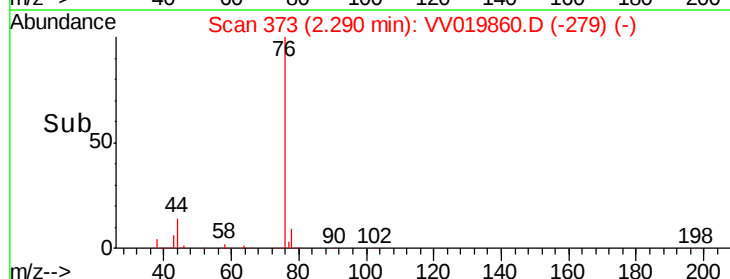
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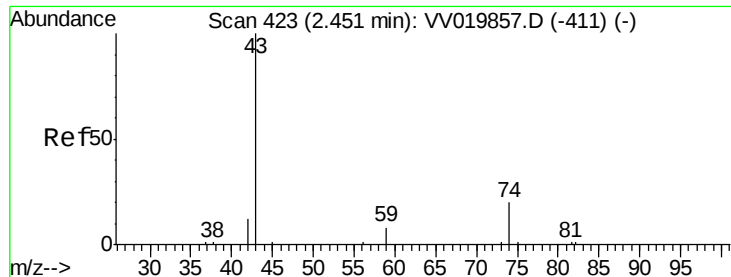
50000

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2.20 2.25 2.30 2.35 2.40

Time-->





#15

Methyl Acetate

Concen: 4.424 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

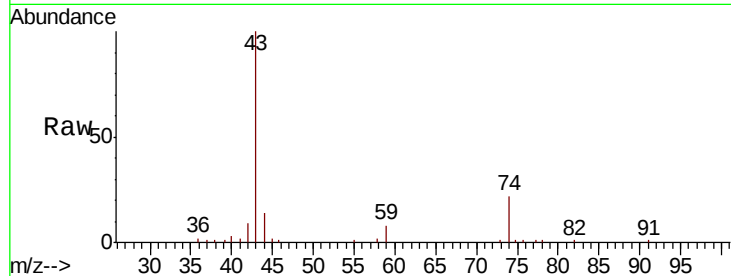
BFB75

Tot Ion: 43 Resp: 36935

Ion Ratio Lower Upper

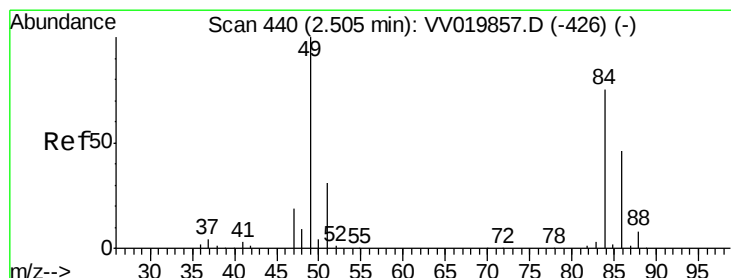
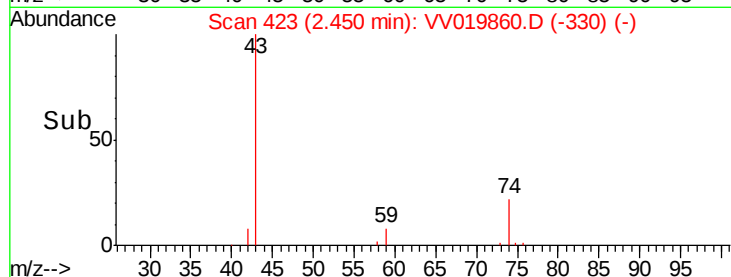
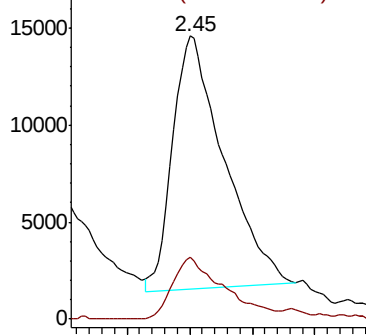
43 100

74 24.9 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 4.804 ug/L

RT: 2.51 min Scan# 440

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

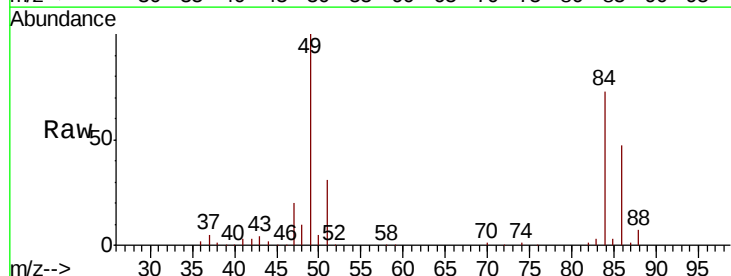
Tgt Ion: 84 Resp: 119009

Ion Ratio Lower Upper

84 100

86 64.1 42.8 79.4

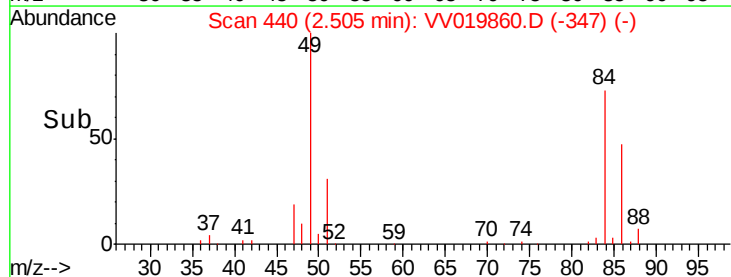
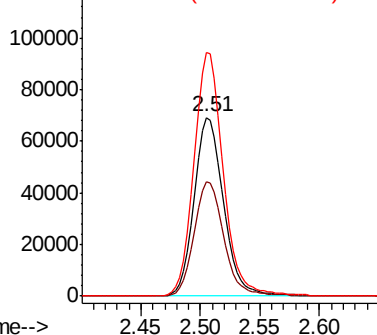
49 136.5 93.9 174.3

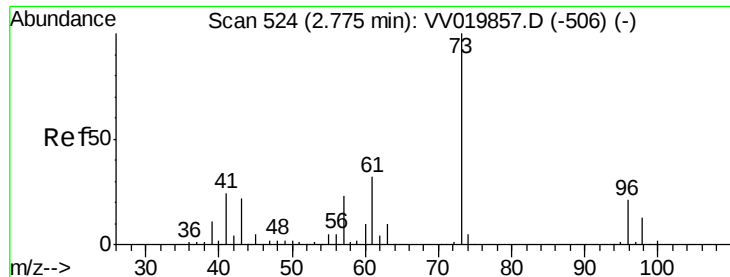


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

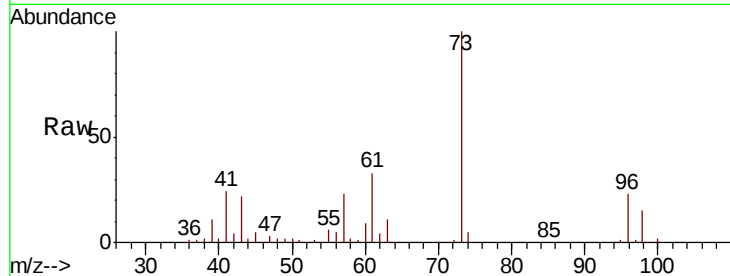




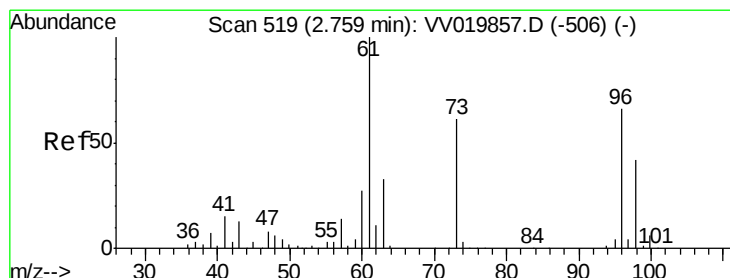
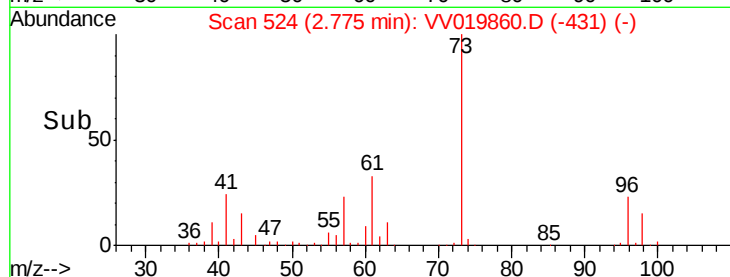
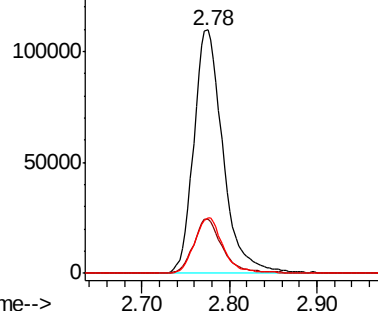
#17
Methvl tert-butvl Ether
Concen: 5.004 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Instrument :
MSVOA_V
ClientSampled :
BFB75

Tot Ion: 73 Resp: 254620
Ion Ratio Lower Upper
73 100
43 21.9 17.0 25.6
57 22.6 18.2 27.4

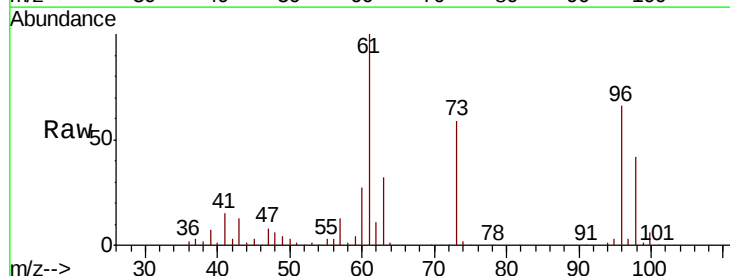


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

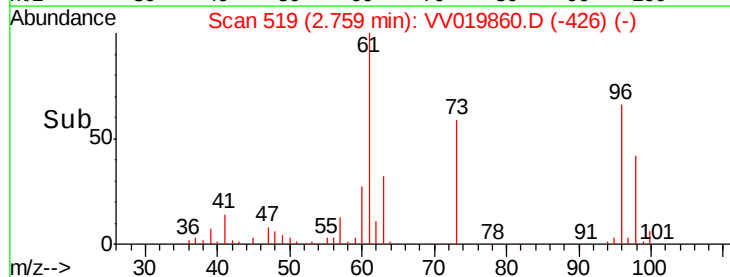
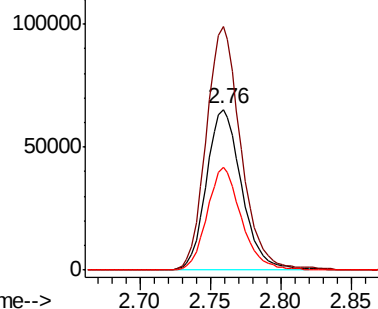


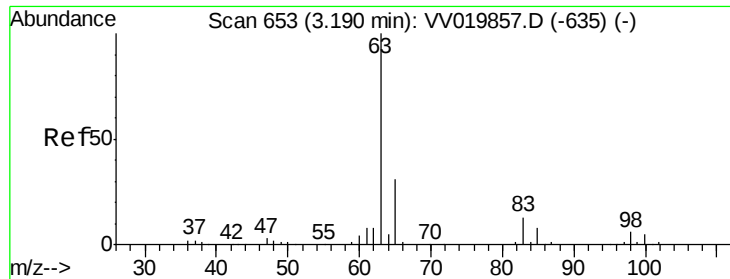
#18
trans-1,2-Dichloroethene
Concen: 4.987 ug/L
RT: 2.76 min Scan# 519
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion: 96 Resp: 114596
Ion Ratio Lower Upper
96 100
61 151.6 106.3 197.3
98 64.0 44.7 82.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

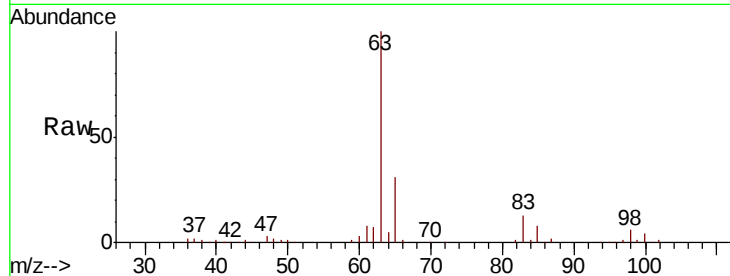




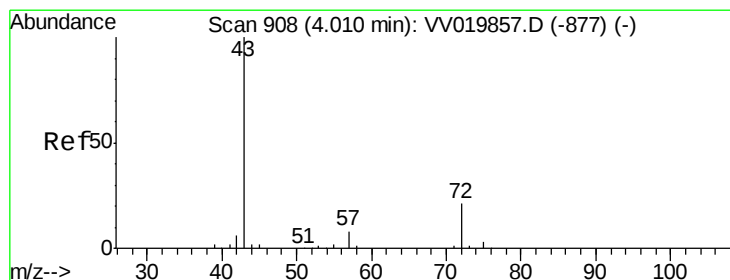
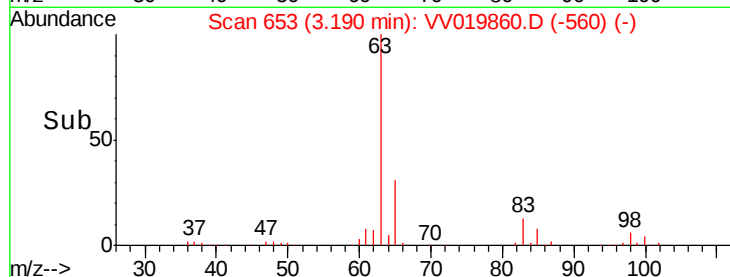
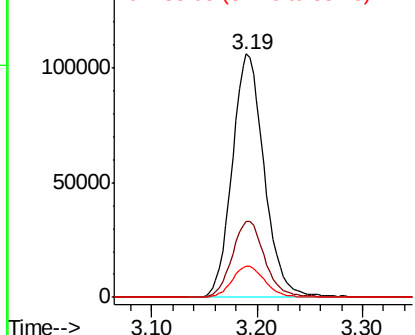
#19
 1,1-Dichloroethane
 Concen: 5.013 ug/L
 RT: 3.19 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Instrument :
 MSVOA_V
 ClientSampled :
 BFB75

Tot Ion: 63 Resp: 222988
 Ion Ratio Lower Upper
 63 100
 65 31.3 21.8 40.6
 83 12.9 9.0 16.8

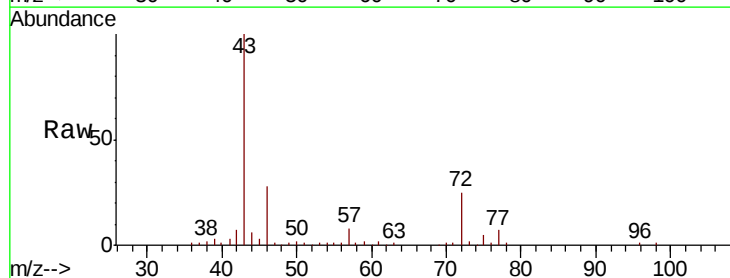


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

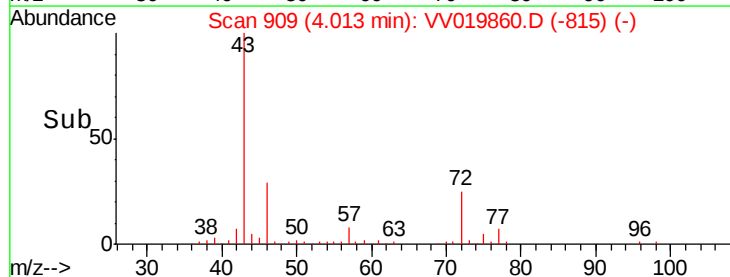
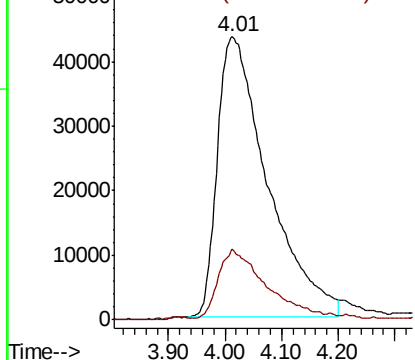


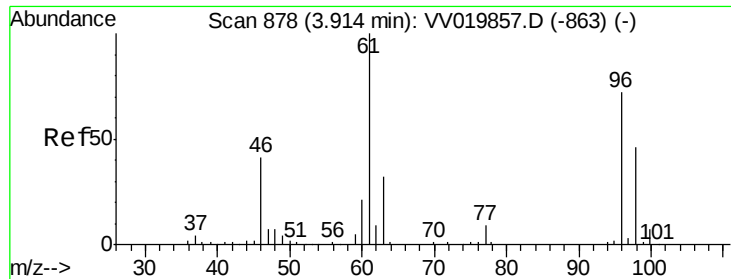
#21
 2-Butanone
 Concen: 47.798 ug/L
 RT: 4.01 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Tgt Ion: 43 Resp: 268800
 Ion Ratio Lower Upper
 43 100
 72 23.3 10.9 32.7



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 72.10 (71.80 to 72.80): VV0



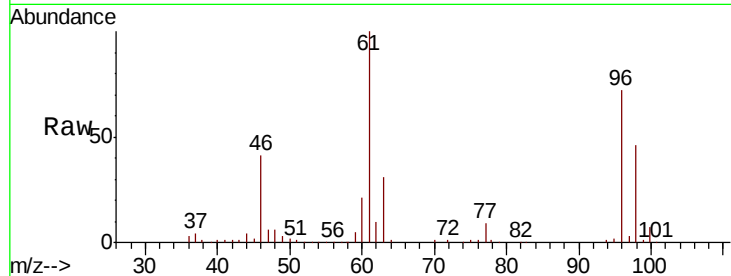


#22

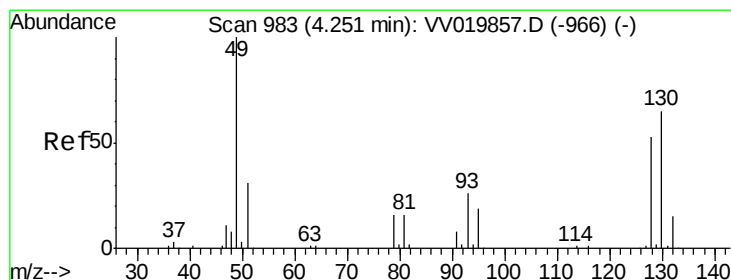
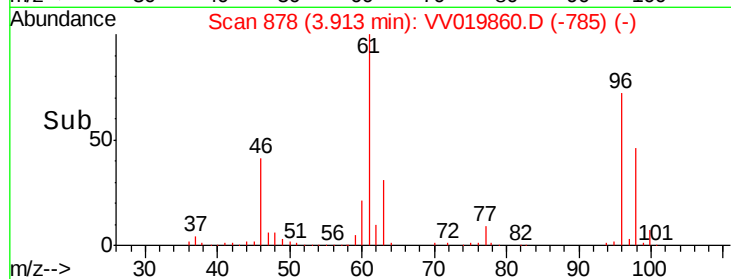
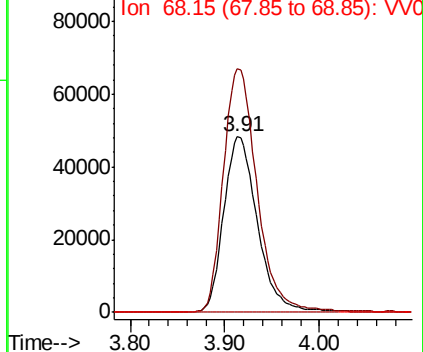
cis-1,2-Dichloroethene
Concen: 5.001 ug/L
RT: 3.91 min Scan# 878
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Instrument :
MSVOA_V
ClientSampleId :
BFB75

Tot Ion: 96 Resp: 119468
Ion Ratio Lower Upper
96 100
61 138.6 98.1 182.3
68 0.0 0.0 0.0



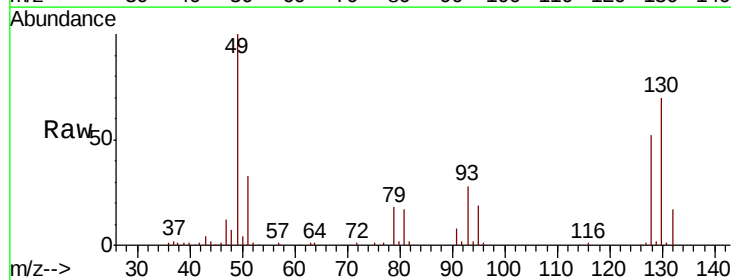
Abundance Ion 96.00 (95.70 to 96.70): VV019860.D (-785) (-)
Ion 61.05 (60.75 to 61.75): VV019860.D (-785) (-)
Ion 68.15 (67.85 to 68.85): VV019860.D (-785) (-)



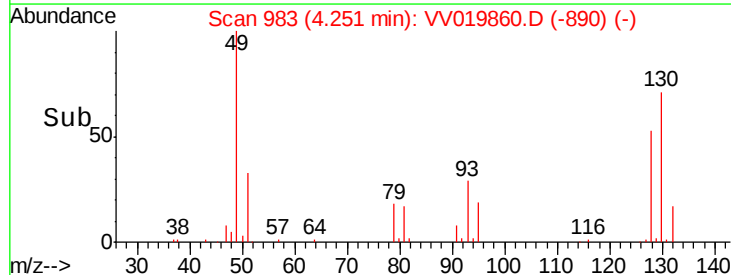
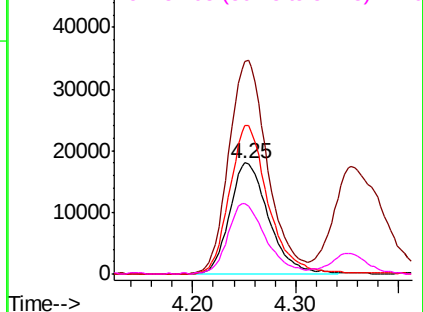
#23

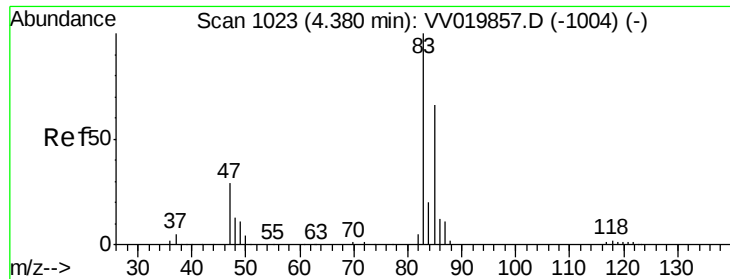
Bromochloromethane
Concen: 4.992 ug/L
RT: 4.25 min Scan# 983
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion: 128 Resp: 47540
Ion Ratio Lower Upper
128 100
49 190.6 132.6 246.2
130 133.8 86.4 160.4
51 63.3 48.0 72.0



Abundance Ion 127.90 (127.60 to 128.60): VV019860.D (-890) (-)
Ion 49.10 (48.80 to 49.80): VV019860.D (-890) (-)
Ion 129.95 (129.65 to 130.65): VV019860.D (-890) (-)
Ion 51.05 (50.75 to 51.75): VV019860.D (-890) (-)

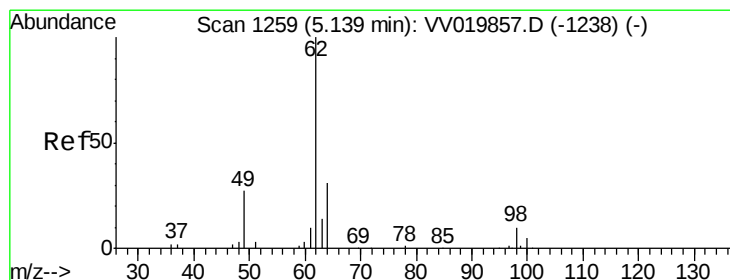
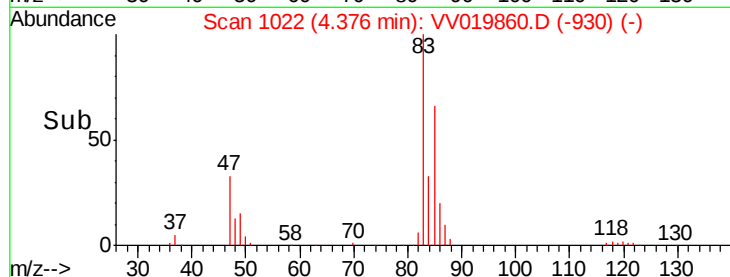
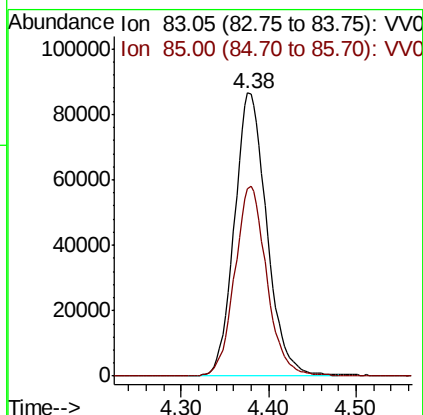
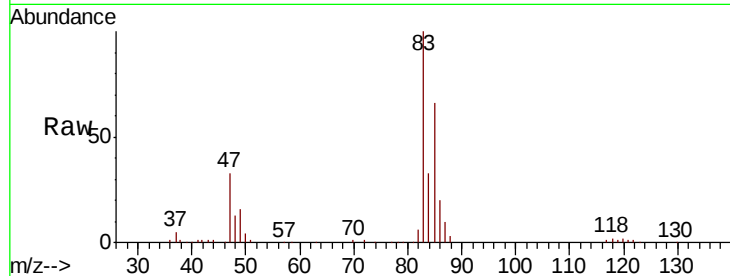




#25
Chloroform
Concen: 5.023 ug/L
RT: 4.38 min Scan# 1022
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

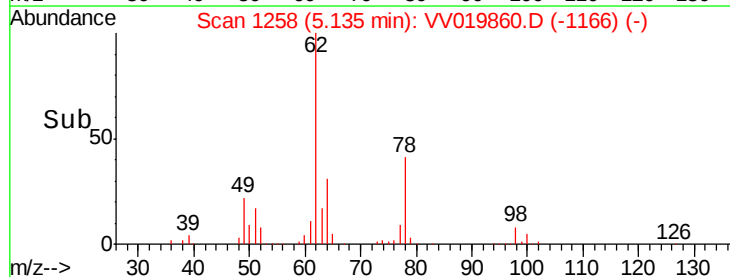
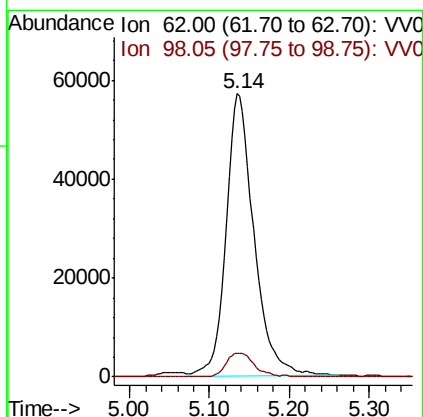
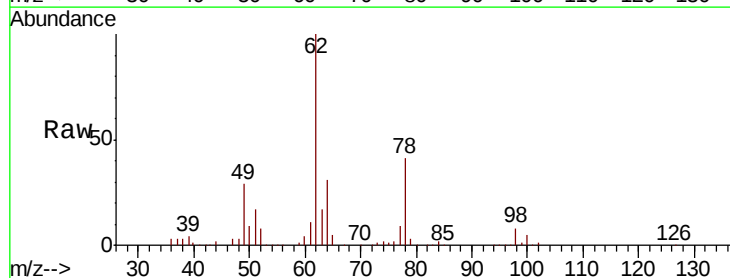
Instrument :
MSVOA_V
ClientSampleId :
BFB75

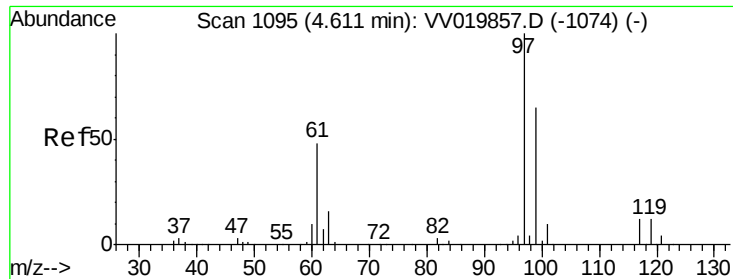
Tot Ion: 83 Resp: 222238
Ion Ratio Lower Upper
83 100
85 66.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.033 ug/L
RT: 5.14 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion: 62 Resp: 135659
Ion Ratio Lower Upper
62 100
98 8.5 7.6 11.4

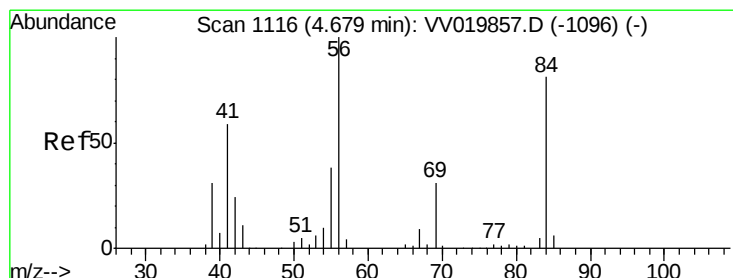
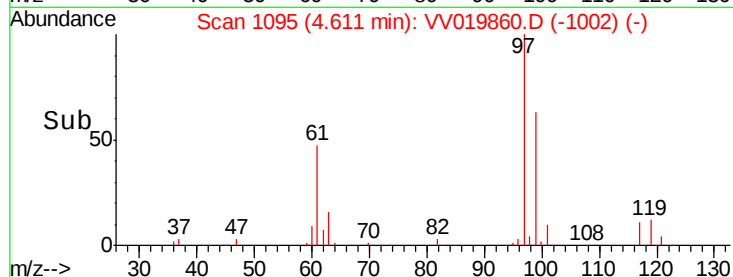
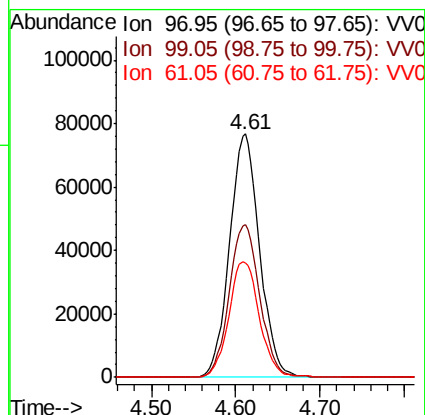
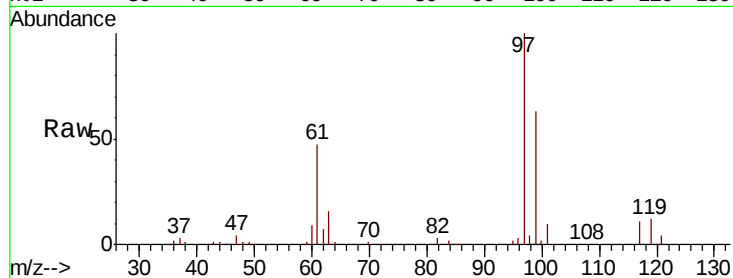




#29
 1,1,1-Trichloroethane
 Concen: 5.070 ug/L
 RT: 4.61 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

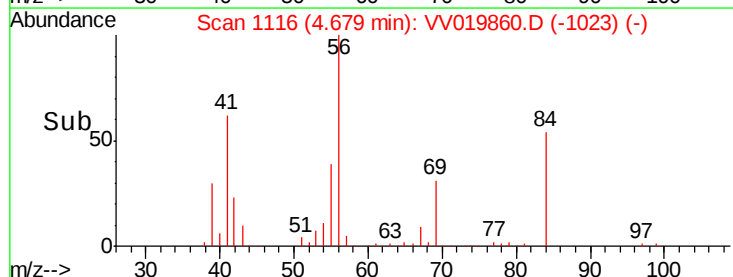
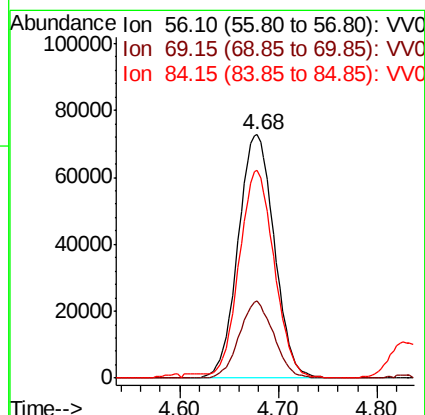
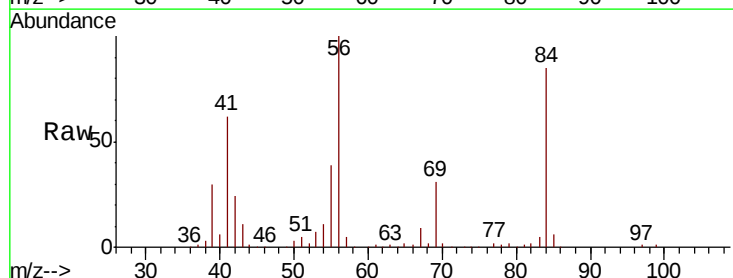
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB75

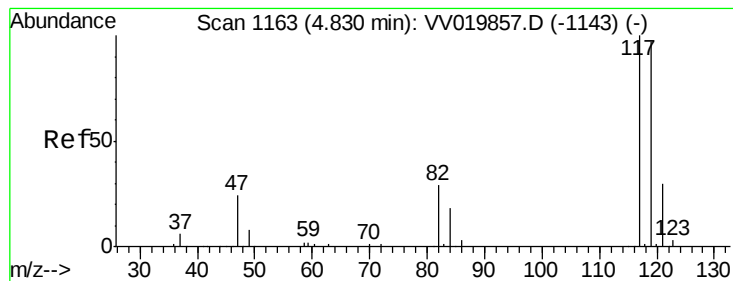
Tot Ion: 97 Resp: 190095
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.1 76.7
 61 48.5 38.6 57.8



#30
 Cyclohexane
 Concen: 4.900 ug/L
 RT: 4.68 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Tgt Ion: 56 Resp: 184813
 Ion Ratio Lower Upper
 56 100
 69 30.2 24.1 36.1
 84 82.9 66.8 100.2





#31

Carbon tetrachloride

Concen: 4.988 ug/L

RT: 4.83 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

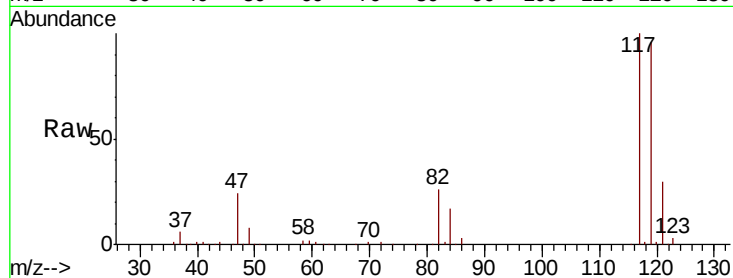
BFB75

Tot Ion:117 Resp: 152742

Ion Ratio Lower Upper

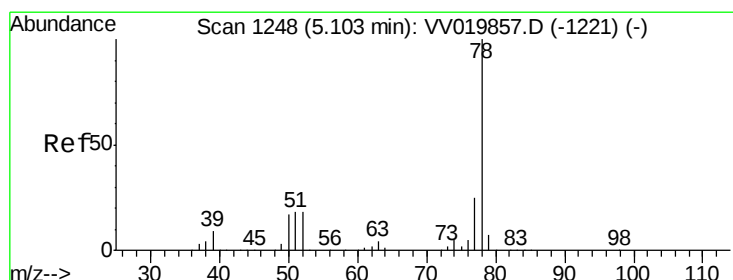
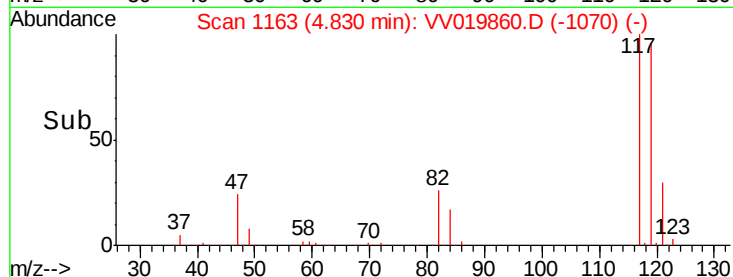
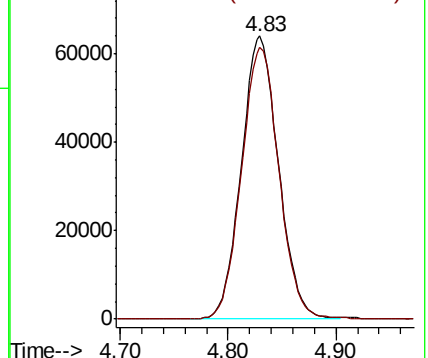
117 100

119 97.0 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.087 ug/L

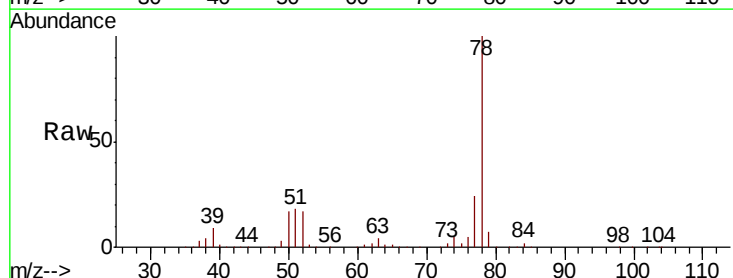
RT: 5.10 min Scan# 1248

Delta R.T. -0.00 min

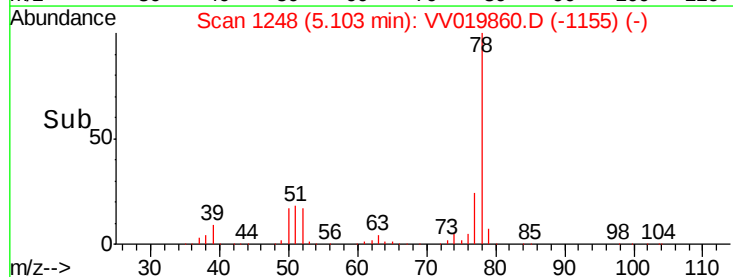
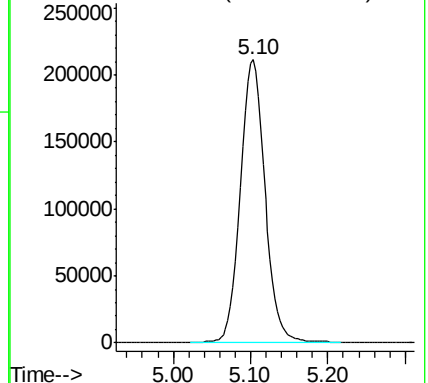
Lab File: VV019860.D

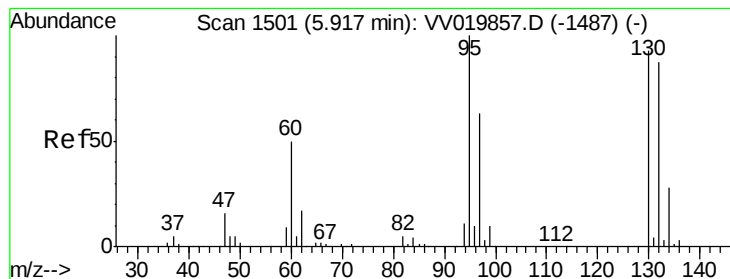
Acq: 29 Dec 2020 13:16

Tgt Ion: 78 Resp: 468286



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.003 ug/L

RT: 5.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleID :

BFB75

Tot Ion: 95 Resp: 123027

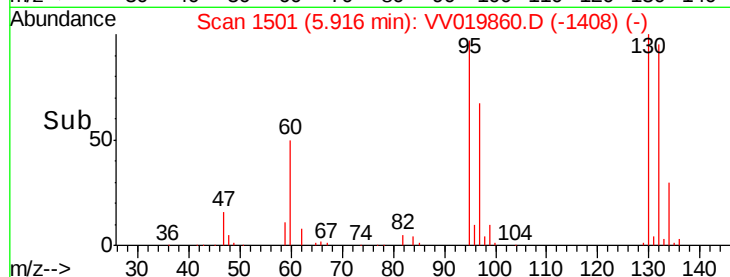
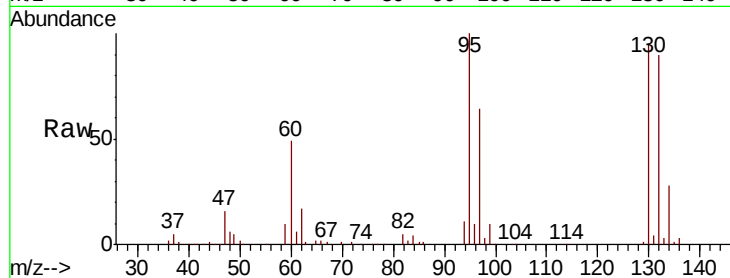
Ion Ratio Lower Upper

95 100

97 63.7 44.1 81.9

132 89.8 61.2 113.8

130 95.0 65.1 120.9

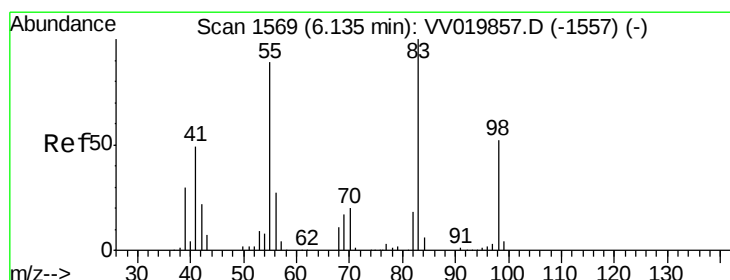
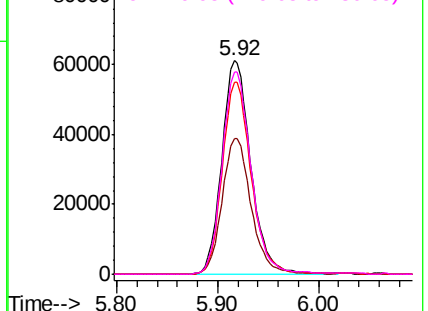


Abundance Ion 95.00 (94.70 to 95.70): VV019860.D (-1408) (-)

Ion 96.95 (96.65 to 97.65): VV019860.D (-1408) (-)

Ion 131.95 (131.65 to 132.65): VV019860.D (-1408) (-)

Ion 129.95 (129.65 to 130.65): VV019860.D (-1408) (-)



#35

Methylcyclohexane

Concen: 4.923 ug/L

RT: 6.14 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

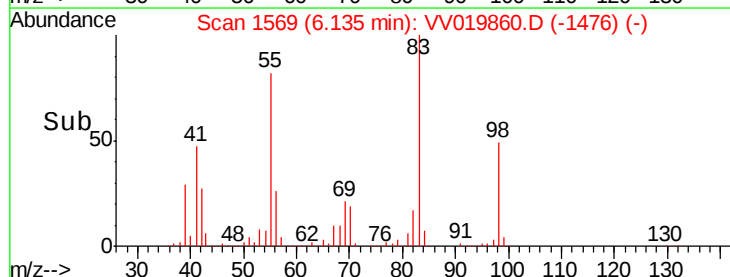
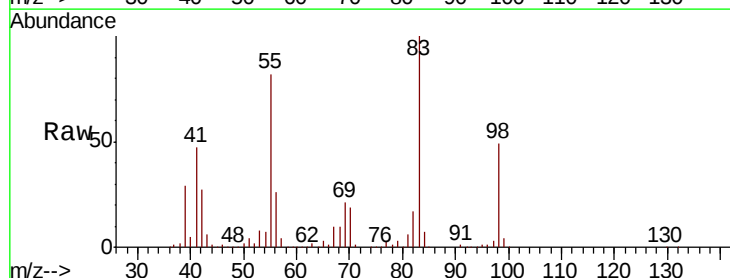
Tgt Ion: 83 Resp: 181107

Ion Ratio Lower Upper

83 100

55 82.7 67.5 101.3

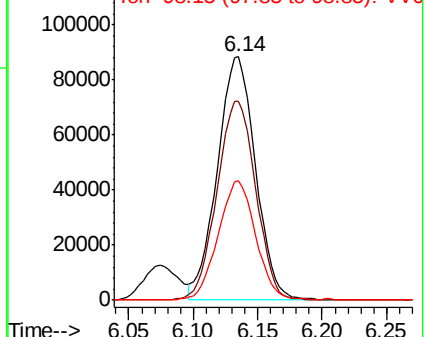
98 48.3 38.6 58.0

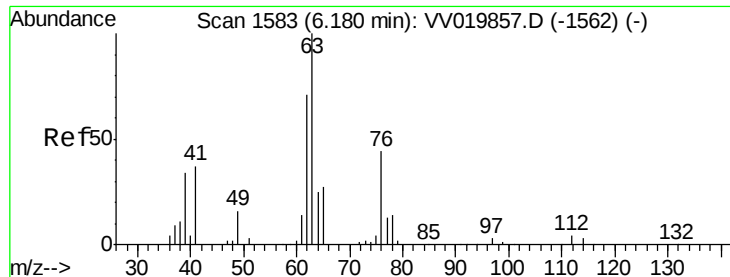


Abundance Ion 83.15 (82.85 to 83.85): VV019860.D (-1476) (-)

Ion 55.10 (54.80 to 55.80): VV019860.D (-1476) (-)

Ion 98.15 (97.85 to 98.85): VV019860.D (-1476) (-)

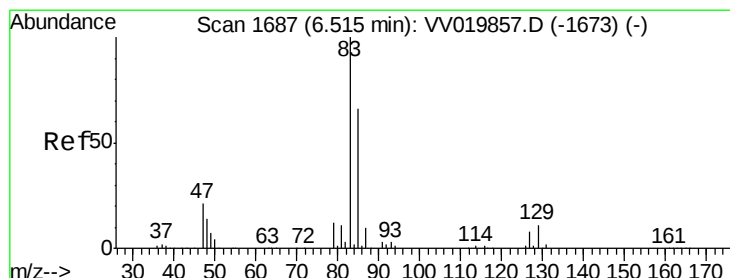
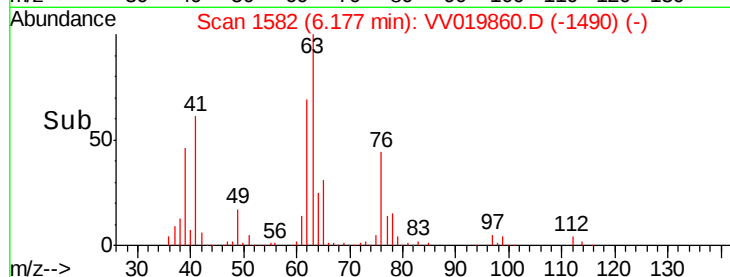
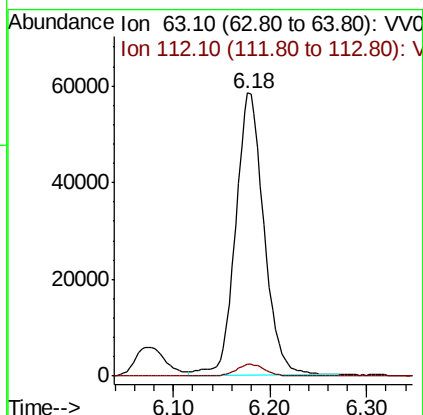
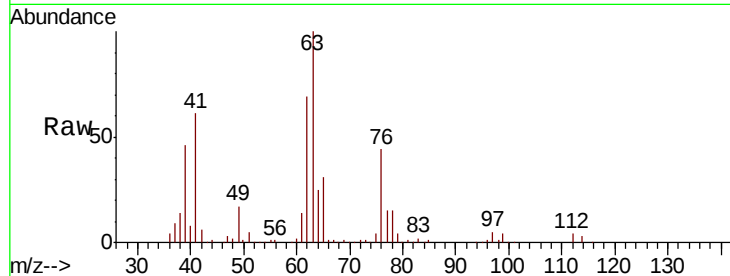




#37
 1,2-Dichloropropane
 Concen: 5.162 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

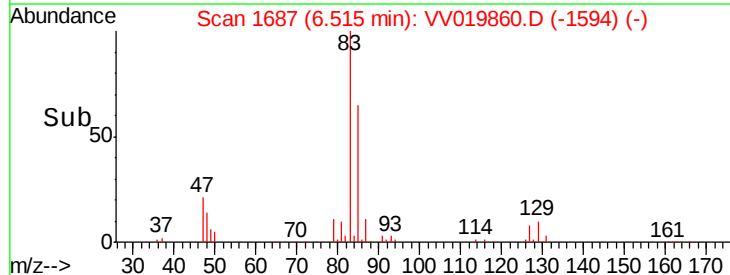
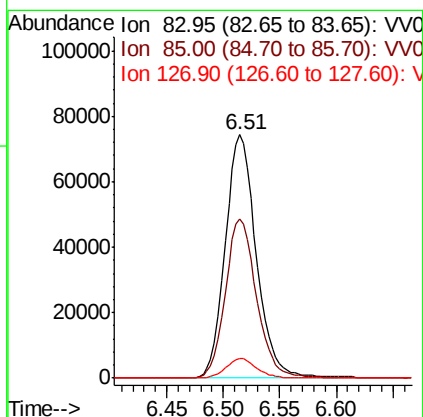
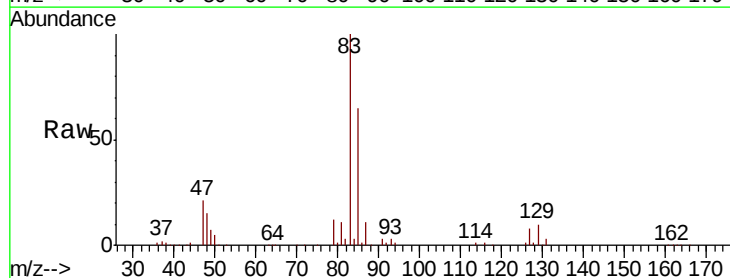
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB75

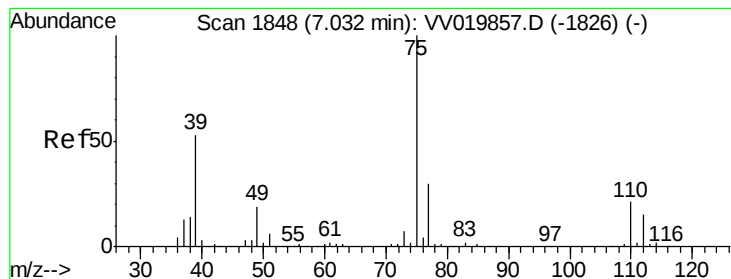
Tot Ion: 63 Resp: 119146
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.6 5.4



#38
 Bromodichloromethane
 Concen: 4.987 ug/L
 RT: 6.51 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Tgt Ion: 83 Resp: 141975
 Ion Ratio Lower Upper
 83 100
 85 65.2 45.9 85.3
 127 8.0 6.2 9.2



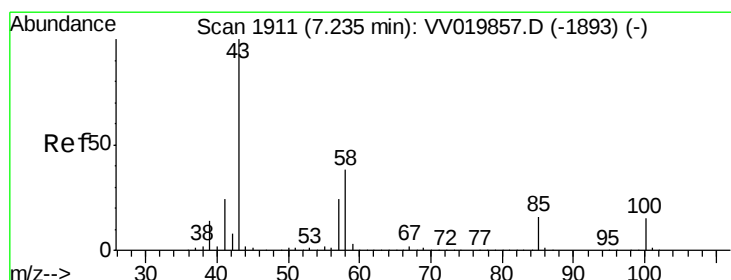
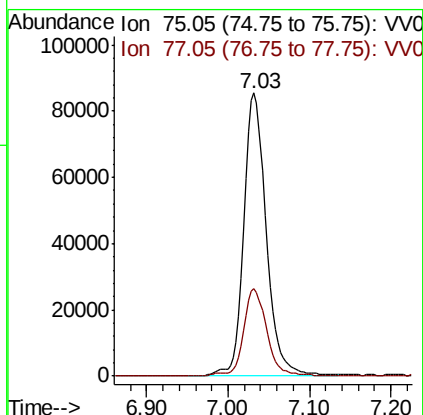
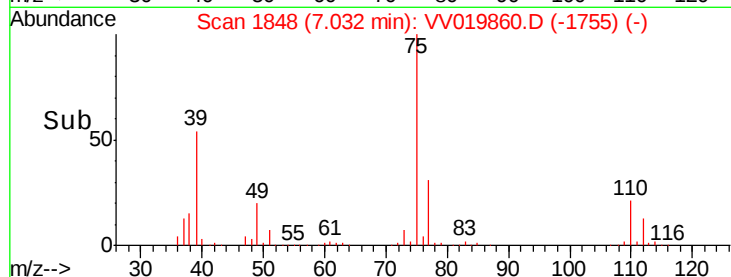
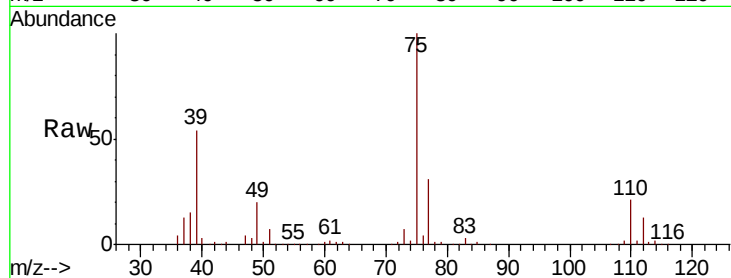


#39

cis-1,3-Dichloropropene
Concen: 5.124 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Instrument :
MSVOA_V
ClientSampleId :
BFB75

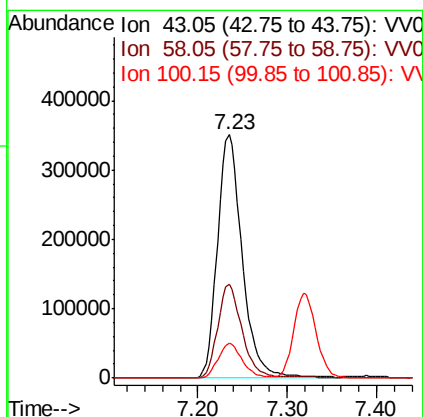
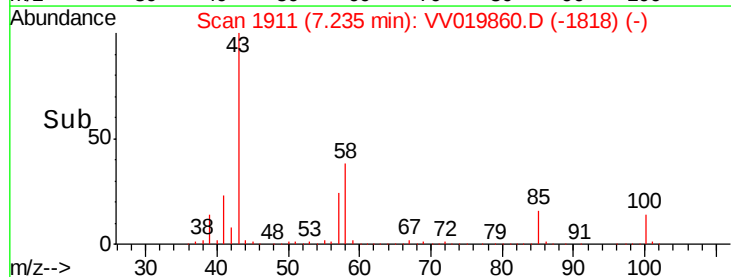
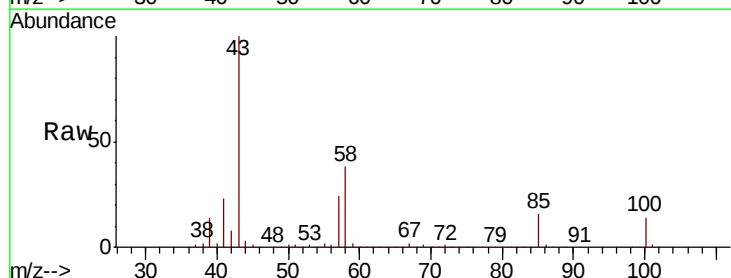
Tot Ion: 75 Resp: 162336
Ion Ratio Lower Upper
75 100
77 30.9 21.0 39.0

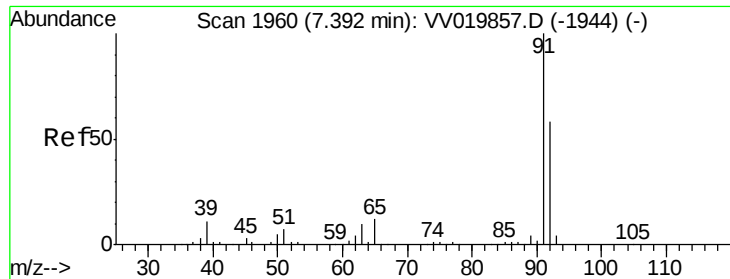


#40

4-Methyl-2-pentanone
Concen: 51.797 ug/L
RT: 7.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion: 43 Resp: 675157
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0
100 13.9 11.4 17.0





#42

Toluene

Concen: 5.097 ug/L

RT: 7.39 min Scan# 1960

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

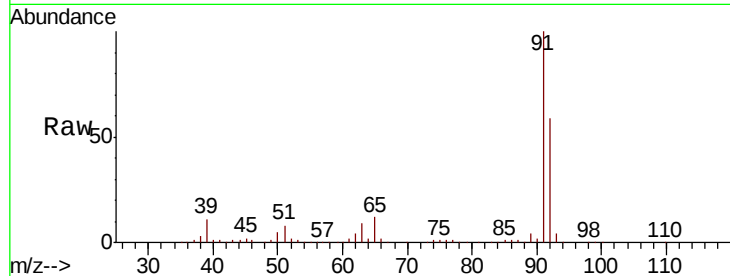
BFB75

Tot Ion: 91 Resp: 476436

Ion Ratio Lower Upper

91 100

92 58.9 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.39

300000

250000

200000

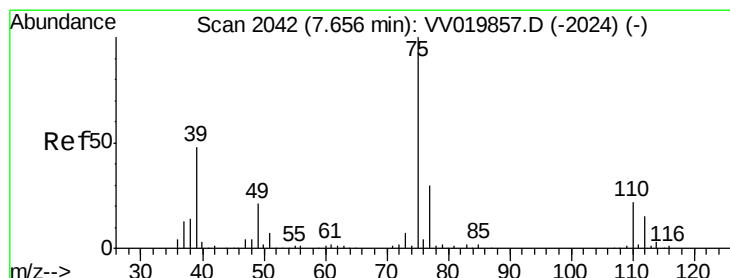
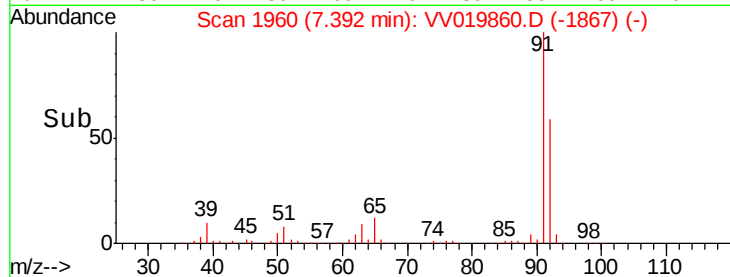
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.176 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.00 min

Lab File: VV019860.D

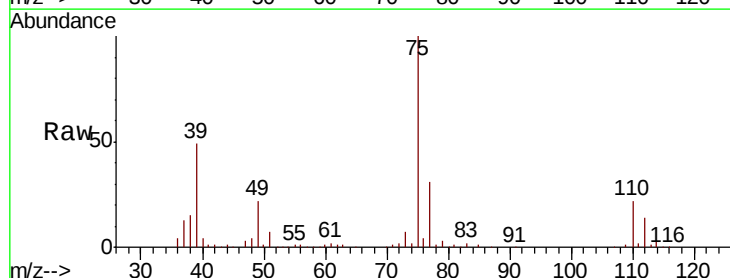
Acq: 29 Dec 2020 13:16

Tgt Ion: 75 Resp: 134300

Ion Ratio Lower Upper

75 100

77 30.6 21.1 39.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

80000

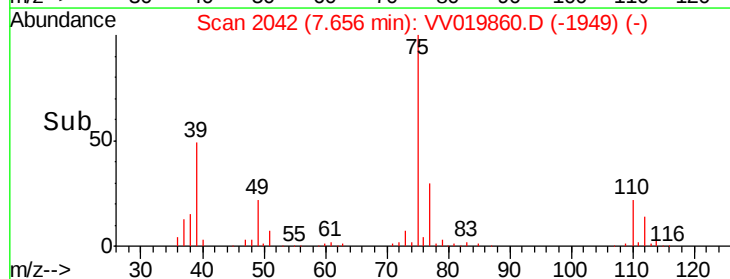
60000

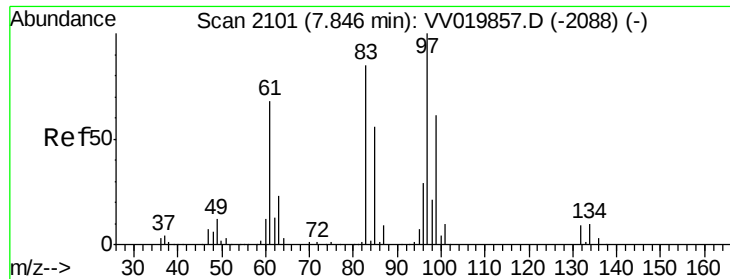
40000

20000

0

Time-->

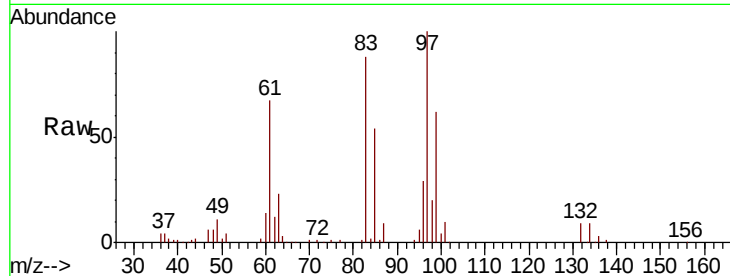




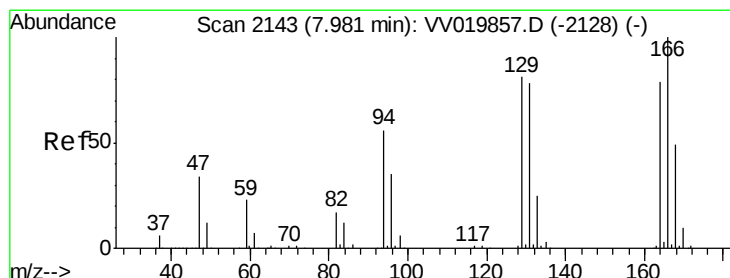
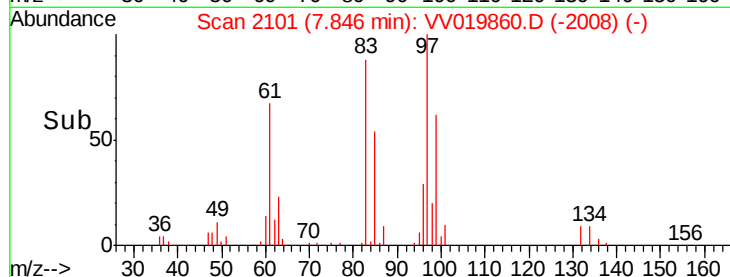
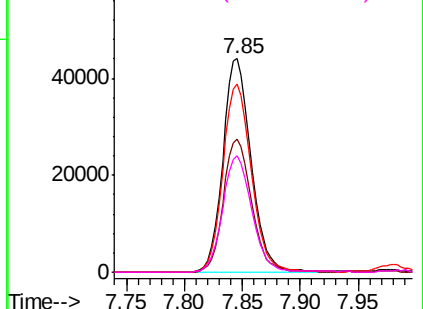
#45
1,1,2-Trichloroethane
Concen: 5.000 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Instrument :
MSVOA_V
ClientSampleId :
BFB75

Tot Ion:	97	Resp:	74629
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.4	78.8
83	88.0	59.4	110.4
85	54.3	39.5	73.3

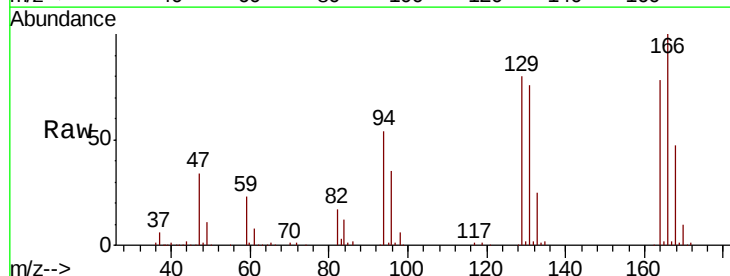


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0

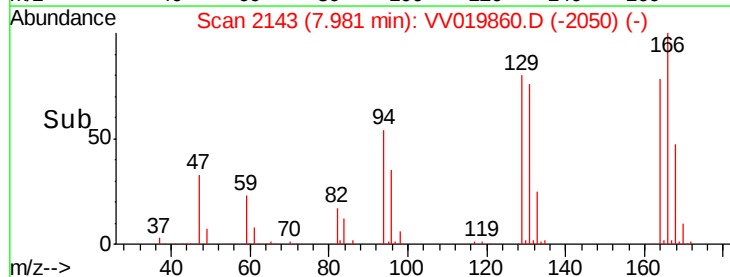
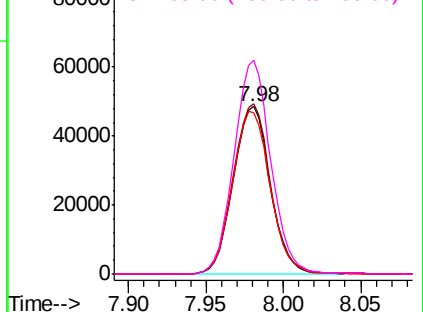


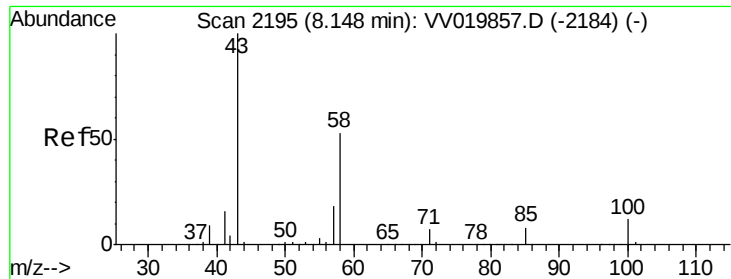
#47
Tetrachloroethene
Concen: 4.823 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion:	164	Resp:	80552
Ion	Ratio	Lower	Upper
164	100		
129	101.5	72.1	133.9
131	96.8	68.9	127.9
166	127.7	88.5	164.4



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

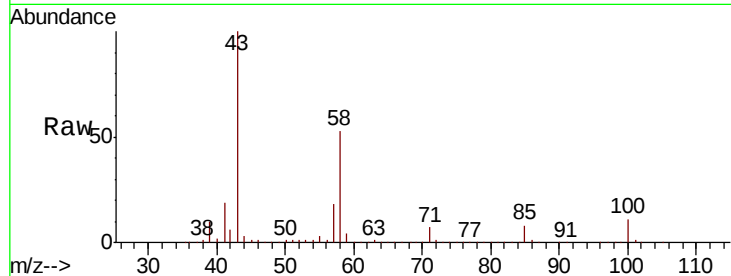




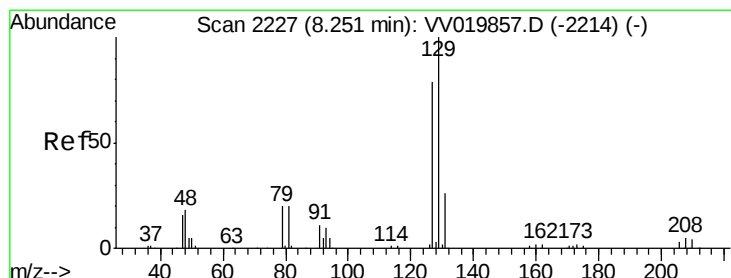
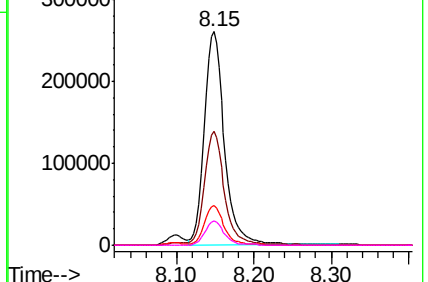
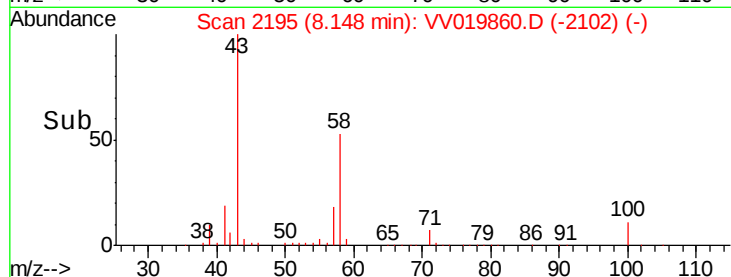
#48
2-Hexanone
Concen: 52.407 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Instrument :
MSVOA_V
ClientSampleId :
BFB75

Tot Ion: 43 Resp: 473489
Ion Ratio Lower Upper
43 100
58 52.4 42.4 63.6
57 18.1 14.8 22.2
100 11.2 9.1 13.7

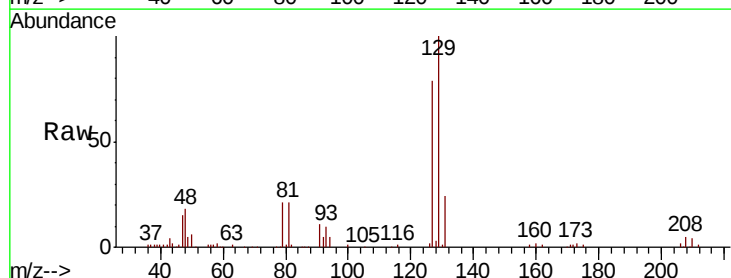


Abundance Ion 43.05 (42.75 to 43.75): VV019860.D (-2102) (-)
Ion 58.05 (57.75 to 58.75): VV019860.D (-2102) (-)
Ion 57.20 (56.90 to 57.90): VV019860.D (-2102) (-)
Ion 100.15 (99.85 to 100.85): VV019860.D (-2102) (-)

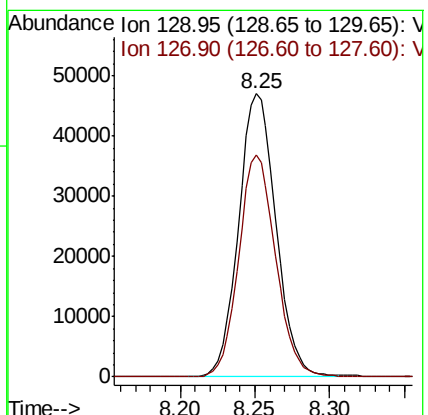
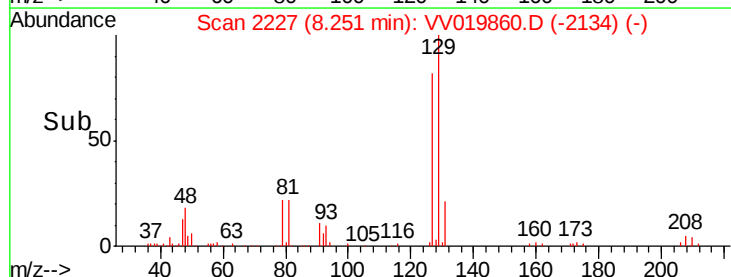


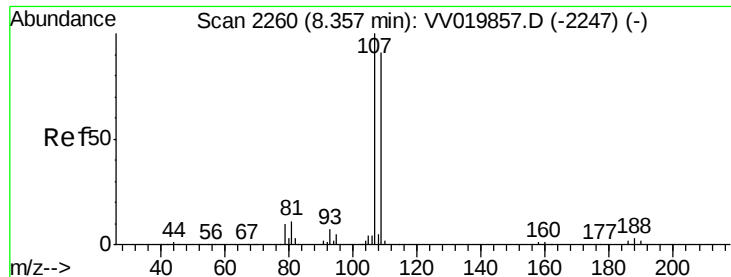
#49
Dibromochloromethane
Concen: 5.059 ug/L
RT: 8.25 min Scan# 2227
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion: 129 Resp: 81696
Ion Ratio Lower Upper
129 100
127 78.6 55.0 102.2



Abundance Ion 128.95 (128.65 to 129.65): VV019860.D (-2134) (-)
Ion 126.90 (126.60 to 127.60): VV019860.D (-2134) (-)

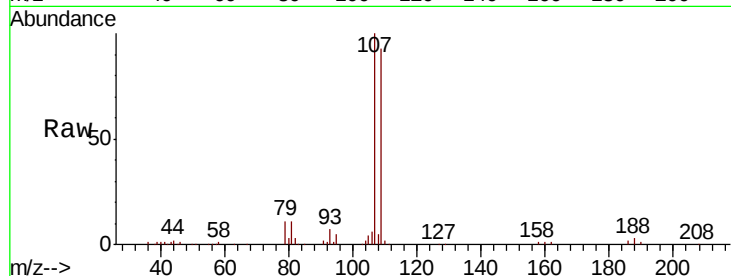




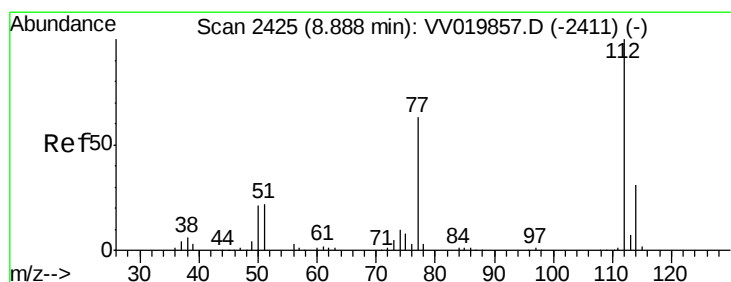
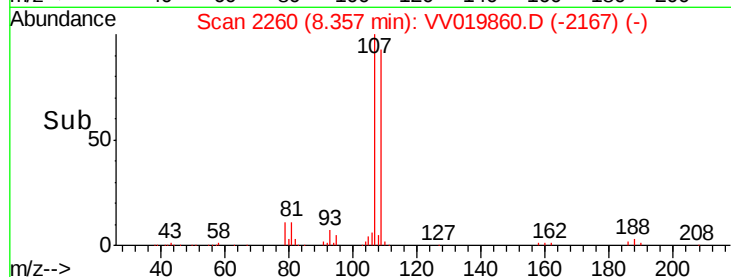
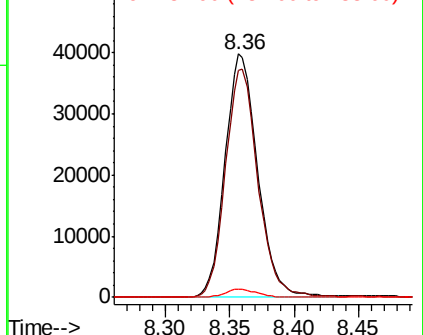
#50
1,2-Dibromoethane
Concen: 5.164 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Instrument :
MSVOA_V
ClientSampled :
BFB75

Tot Ion:107 Resp: 70012
Ion Ratio Lower Upper
107 100
109 93.0 63.8 118.4
188 3.2 2.5 3.7

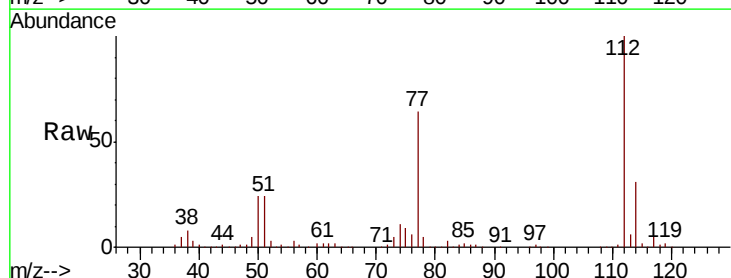


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

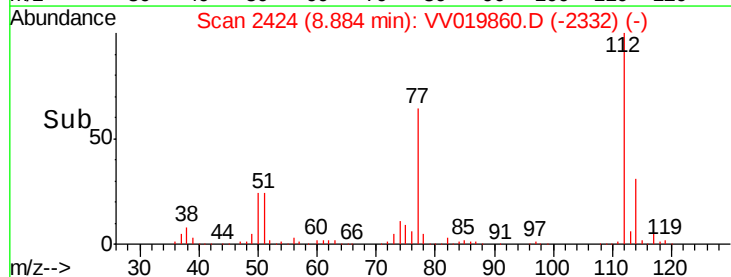
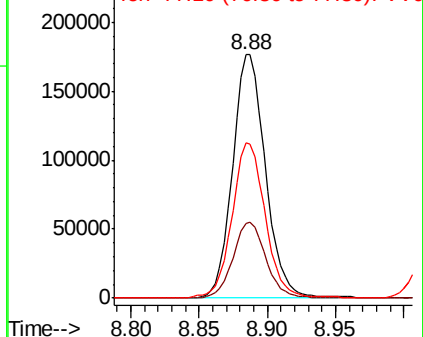


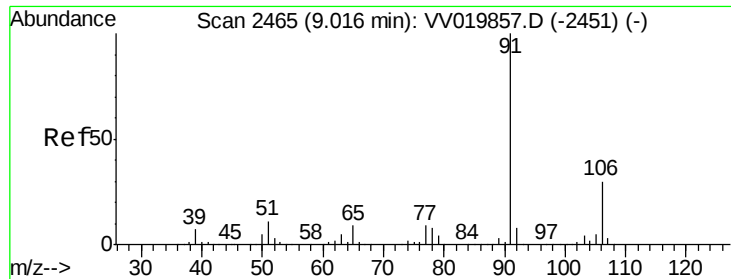
#51
Chlorobenzene
Concen: 4.989 ug/L
RT: 8.88 min Scan# 2424
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion:112 Resp: 294956
Ion Ratio Lower Upper
112 100
114 30.6 21.8 40.6
77 63.6 51.0 76.4



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

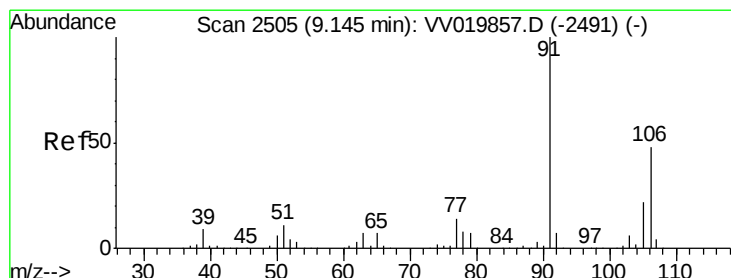
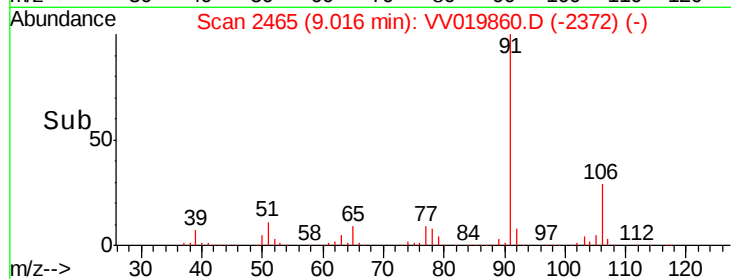
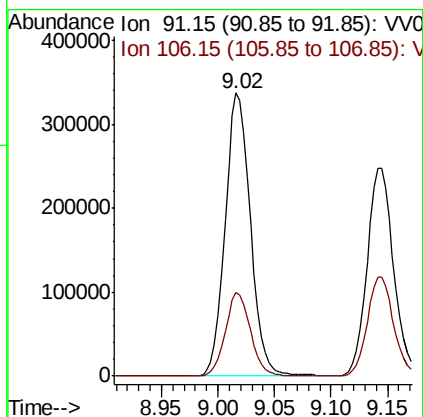
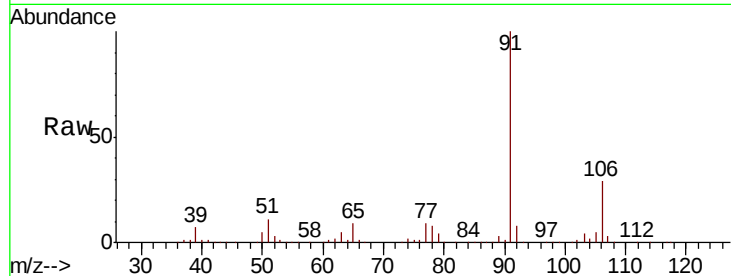




#52
Ethylbenzene
Concen: 5.074 ug/L
RT: 9.02 min Scan# 2465
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

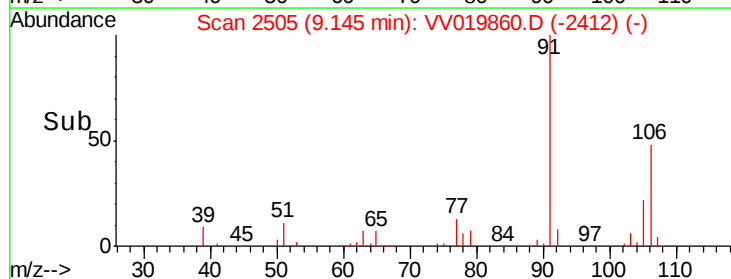
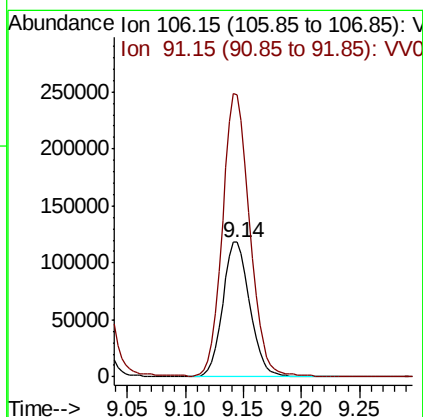
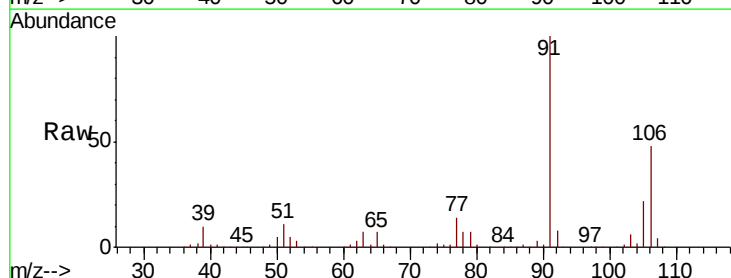
Instrument :
MSVOA_V
ClientSampleId :
BFB75

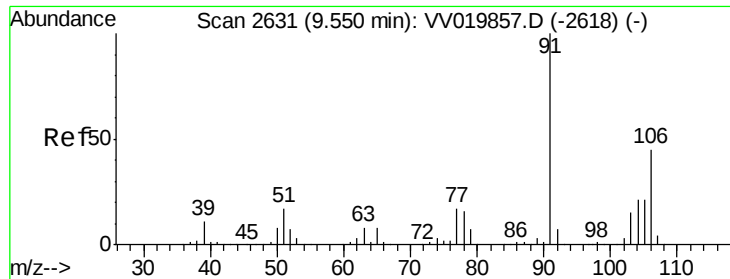
Tot Ion: 91 Resp: 525596
Ion Ratio Lower Upper
91 100
106 29.5 20.9 38.7



#53
m,p-xylene
Concen: 5.062 ug/L
RT: 9.14 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion: 106 Resp: 191644
Ion Ratio Lower Upper
106 100
91 209.8 147.1 273.1





#54

o-xylene

Concen: 5.143 ug/L

RT: 9.55 min Scan# 2631

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

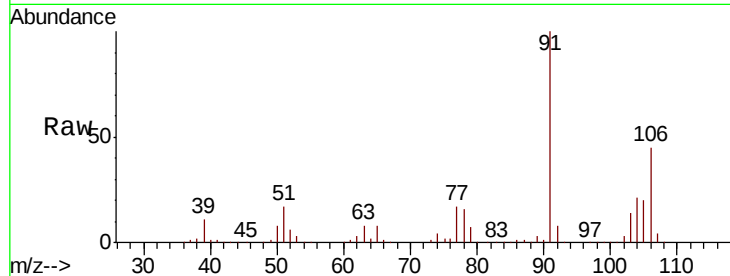
BFB75

Tot Ion:106 Resp: 186650

Ion Ratio Lower Upper

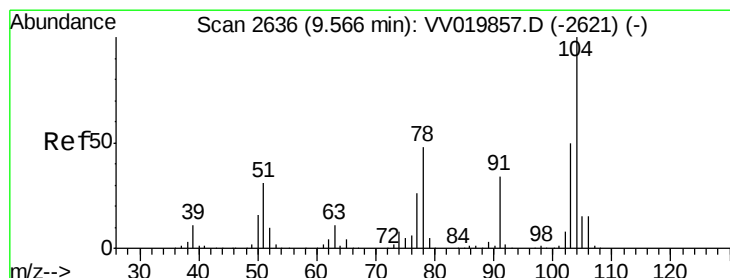
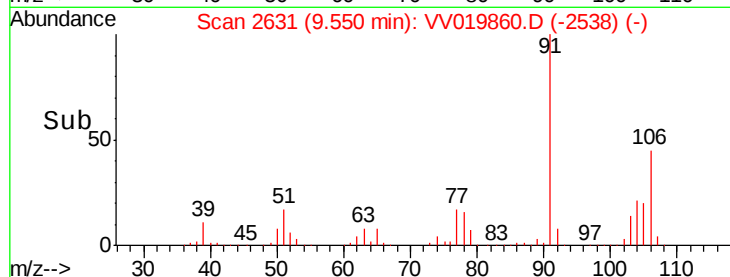
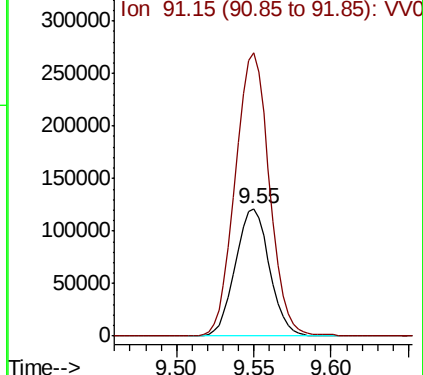
106 100

91 222.0 155.8 289.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.239 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV019860.D

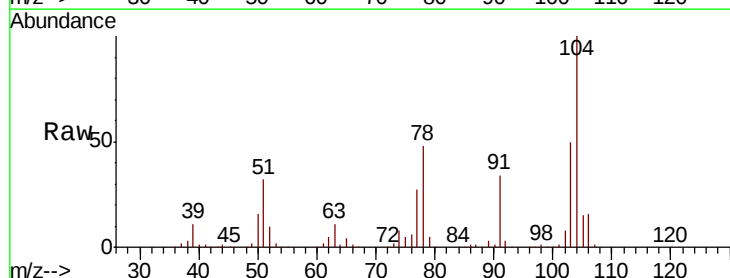
Acq: 29 Dec 2020 13:16

Tgt Ion:104 Resp: 321309

Ion Ratio Lower Upper

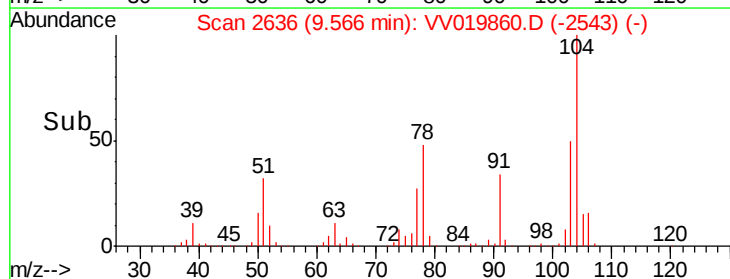
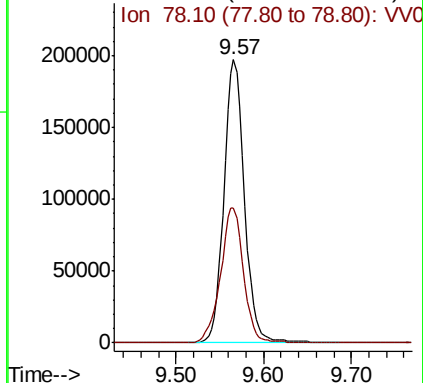
104 100

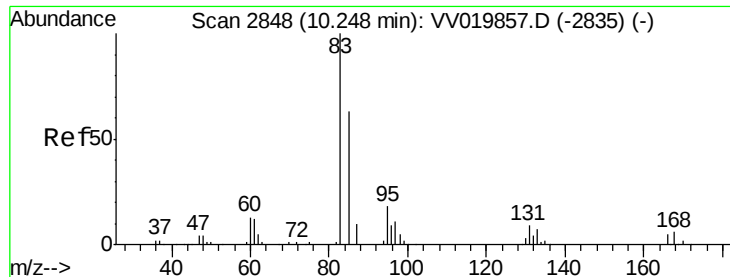
78 47.7 33.7 62.7



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

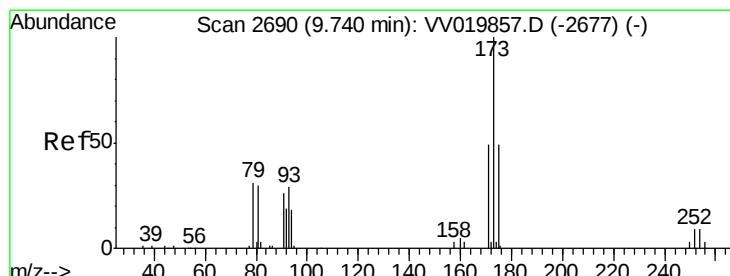
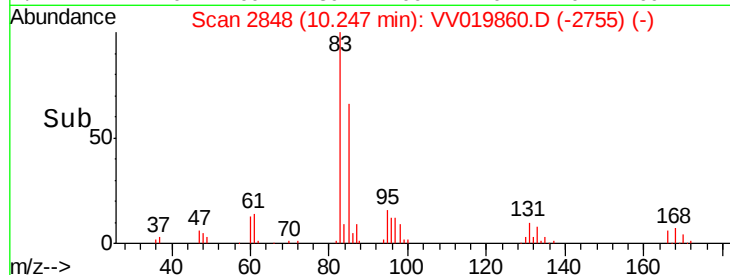
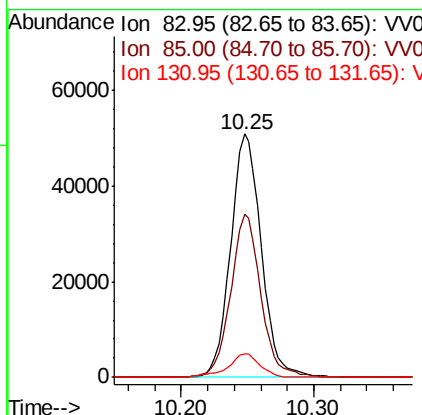
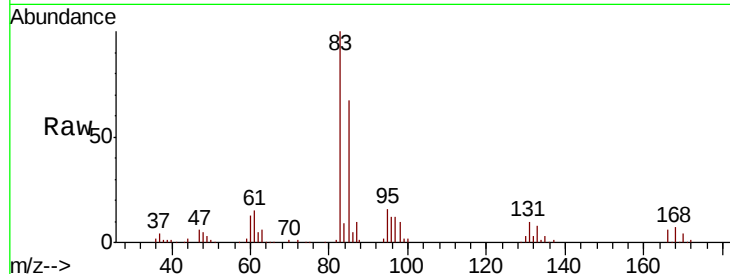




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.182 ug/L
 RT: 10.25 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

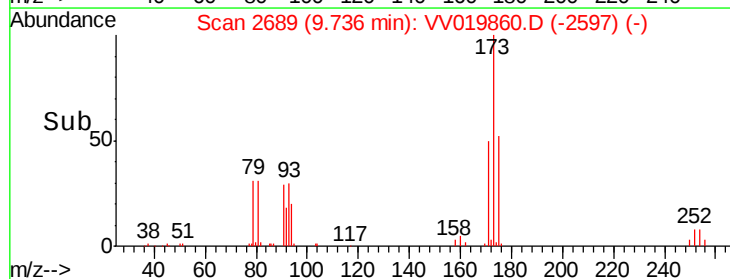
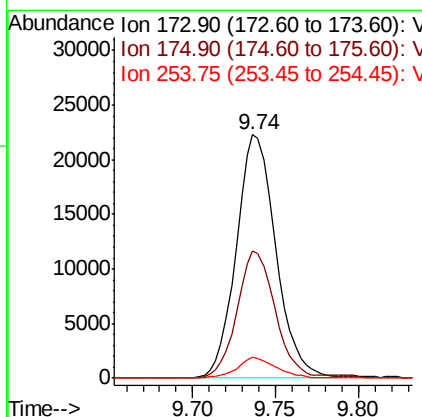
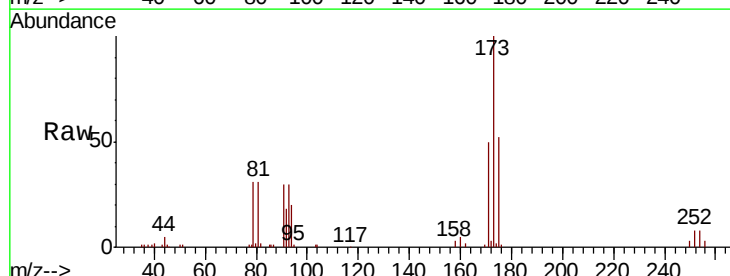
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB75

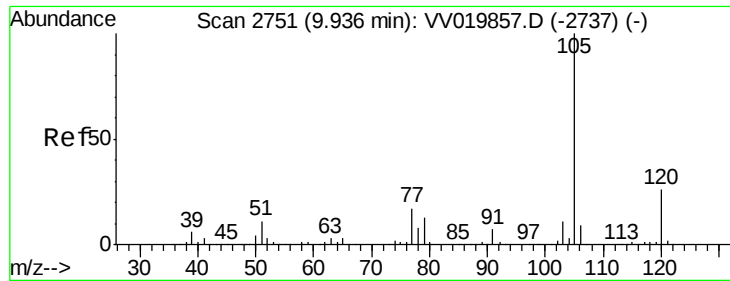
Tot Ion	83	Resp	81870
Ion Ratio	Lower	Upper	
83	100		
85	66.8	44.3	82.3
131	9.9	7.4	11.2



#59
 Bromoform
 Concen: 5.036 ug/L
 RT: 9.74 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Tgt Ion	173	Resp	37044
Ion Ratio	Lower	Upper	
173	100		
175	50.7	38.3	57.5
254	8.2	6.4	9.6





#60

Isopropylbenzene

Concen: 5.054 ug/L

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

BFB75

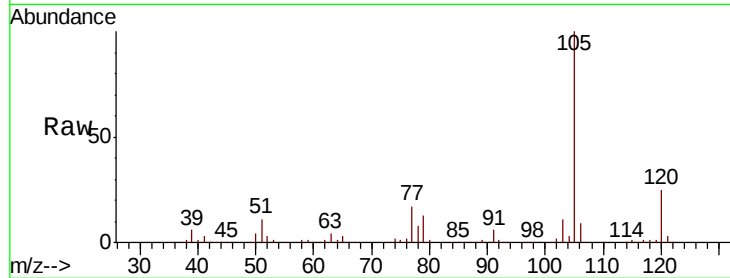
Tot Ion:105 Resp: 498881

Ion Ratio Lower Upper

105 100

120 25.4 20.4 30.6

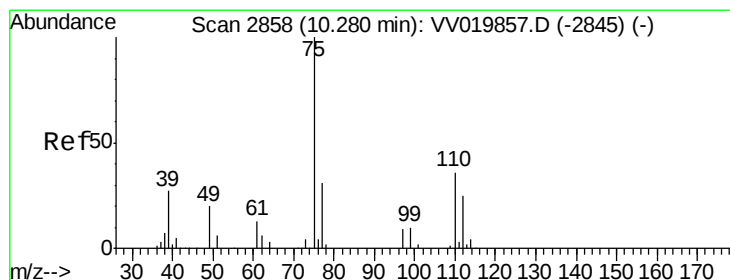
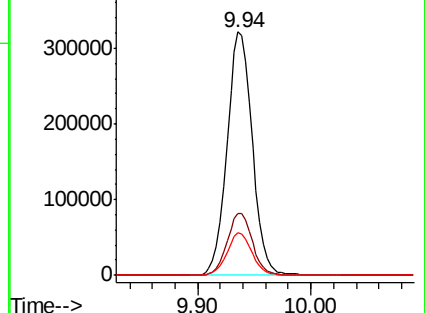
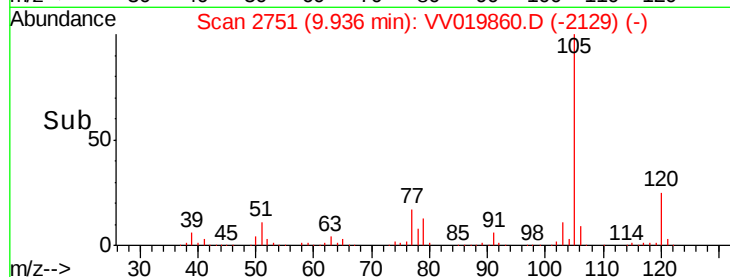
77 17.2 13.7 20.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 4.963 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

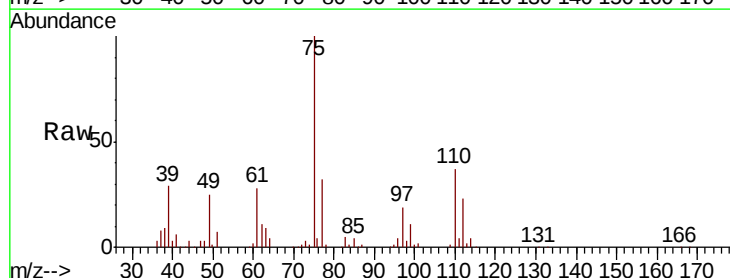
Tgt Ion: 75 Resp: 65056

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

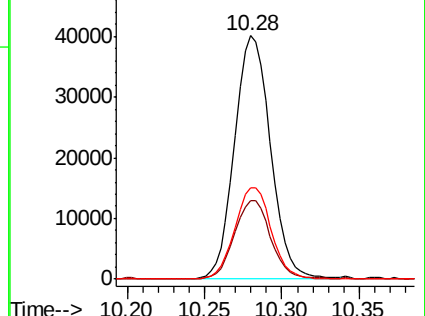
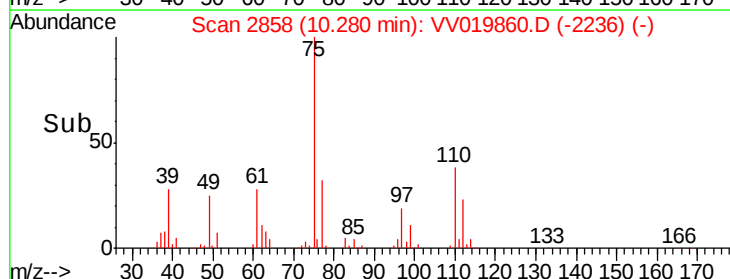
110 37.8 30.5 45.7

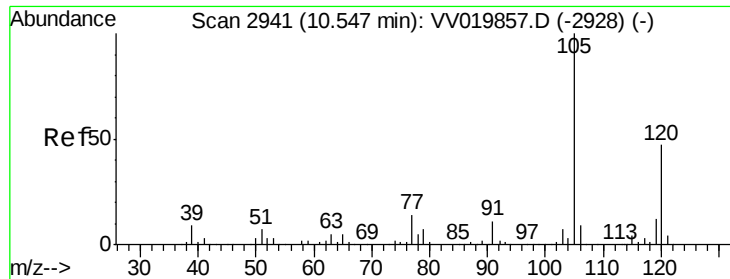


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V

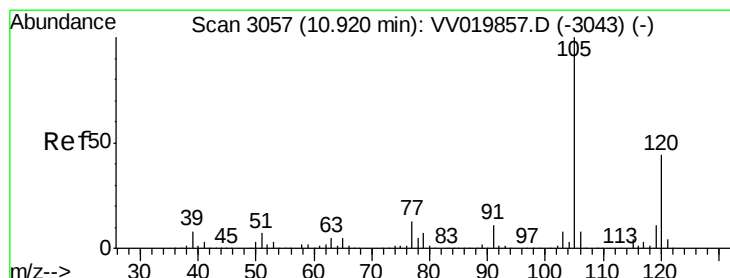
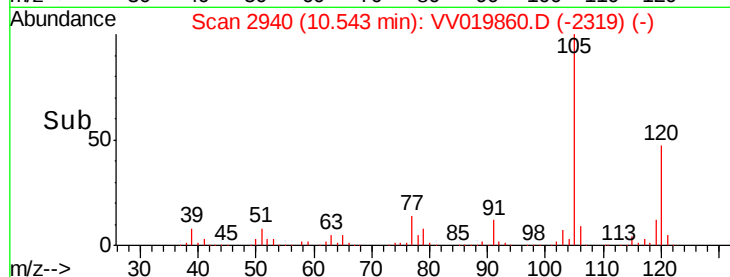
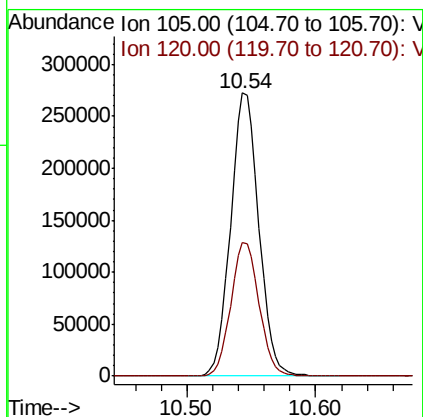
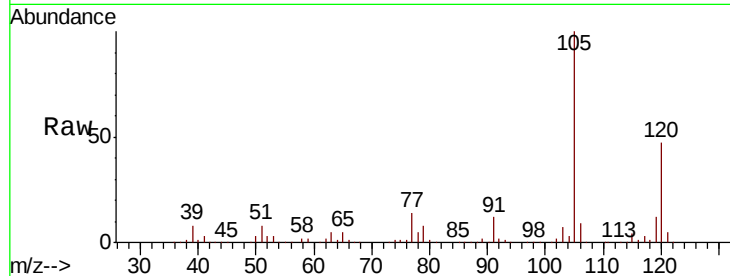




#62
 1,3,5-Trimethylbenzene
 Concen: 5.045 ug/L
 RT: 10.54 min Scan# 2940
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

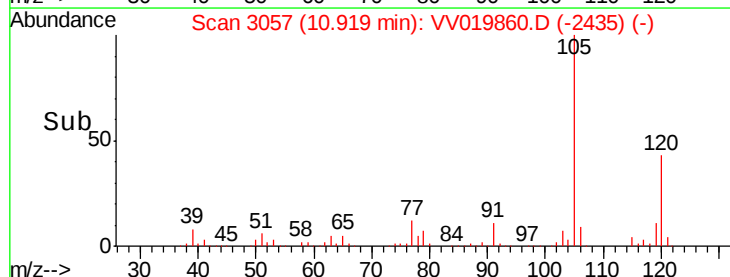
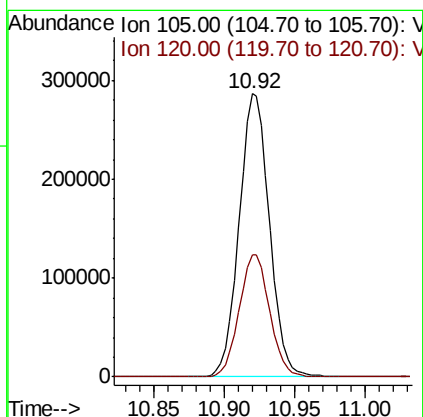
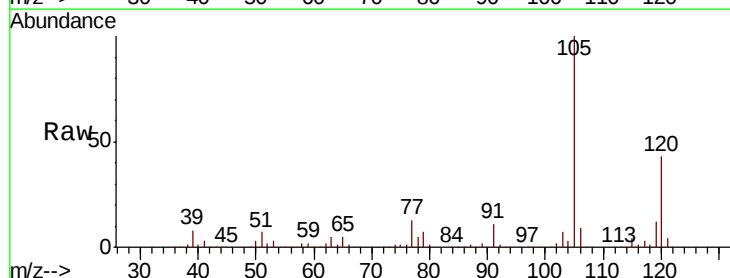
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB75

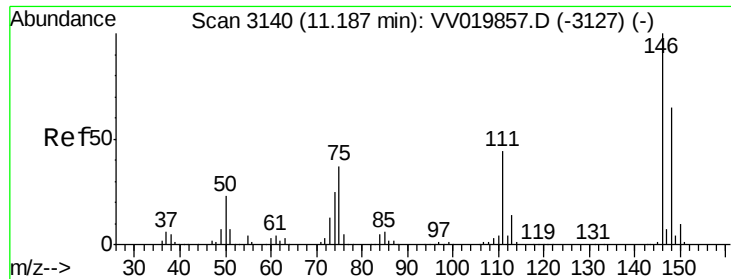
Tot Ion:105 Resp: 411670
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.193 ug/L
 RT: 10.92 min Scan# 3057
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Tgt Ion:105 Resp: 431652
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.9 52.3

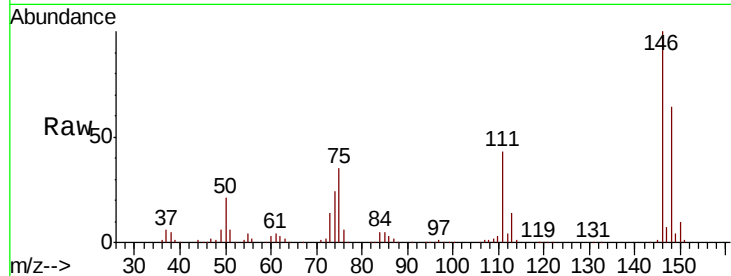




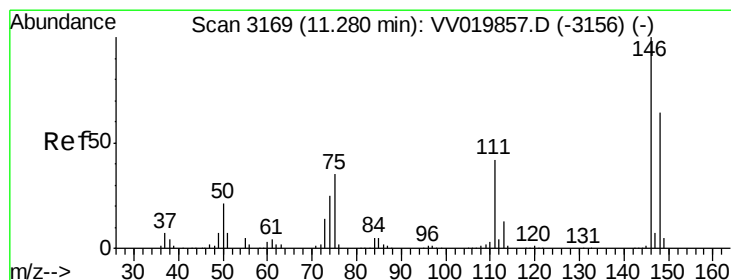
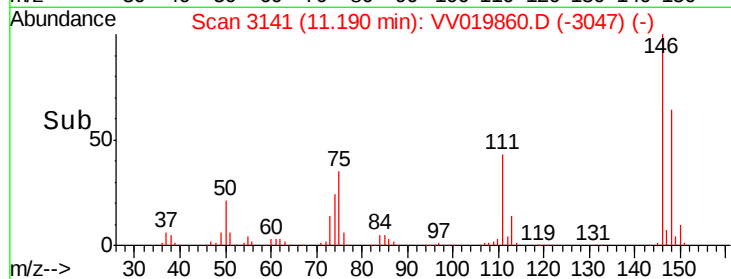
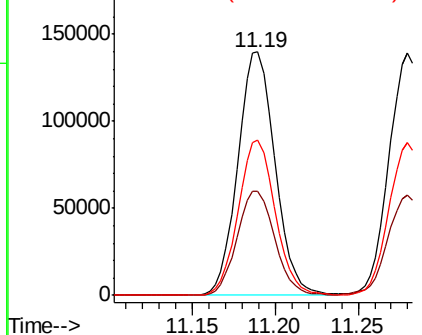
#64
 1,3-Dichlorobenzene
 Concen: 5.045 ug/L
 RT: 11.19 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB75

Tot Ion:146 Resp: 218673
 Ion Ratio Lower Upper
 146 100
 111 42.5 30.4 56.5
 148 63.7 45.8 85.2

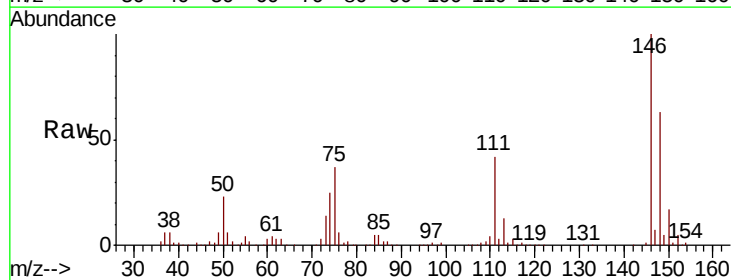


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

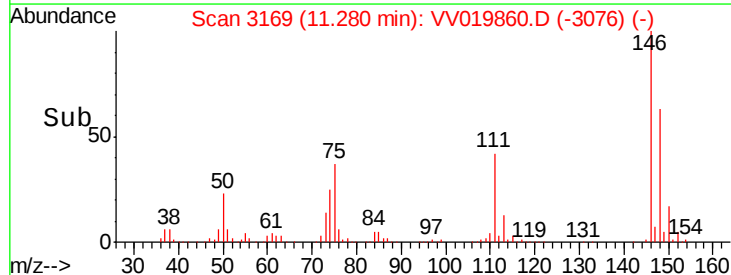
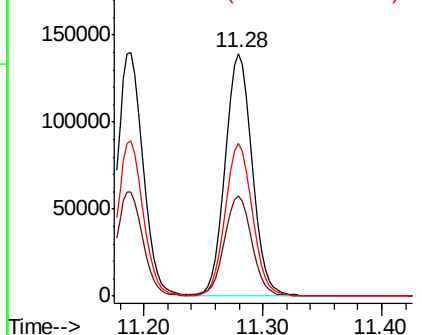


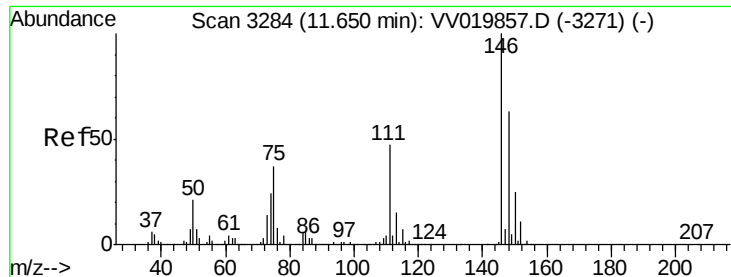
#65
 1,4-Dichlorobenzene
 Concen: 5.045 ug/L
 RT: 11.28 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Tgt Ion:146 Resp: 219344
 Ion Ratio Lower Upper
 146 100
 111 41.6 29.7 55.1
 148 62.7 45.1 83.7



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#67

1,2-Dichlorobenzene

Concen: 5.093 ug/L

RT: 11.65 min Scan# 3284

Delta R.T. -0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

BFB75

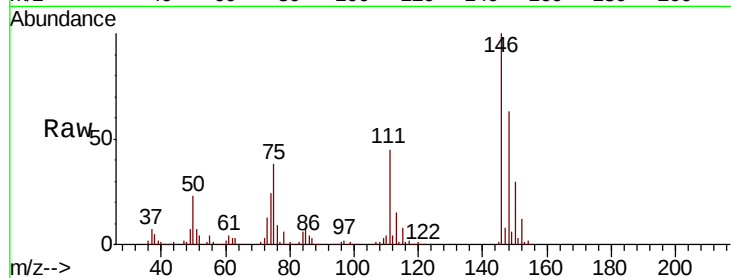
Tot Ion:146 Resp: 203000

Ion Ratio Lower Upper

146 100

111 44.9 37.7 56.5

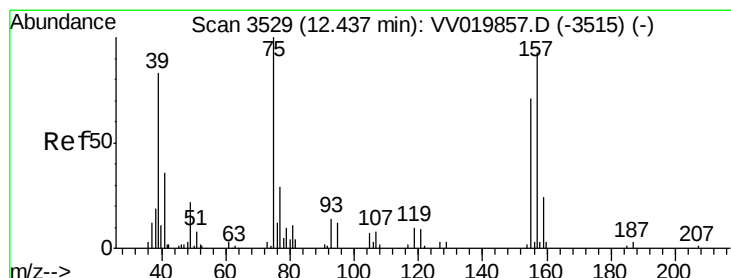
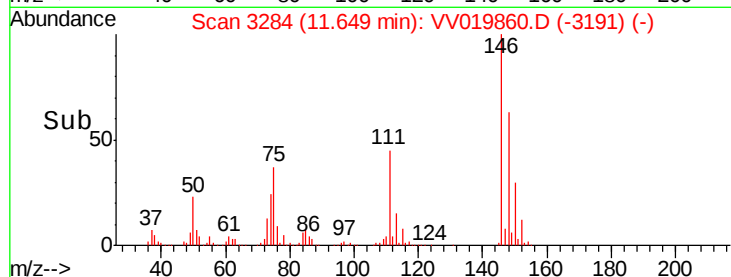
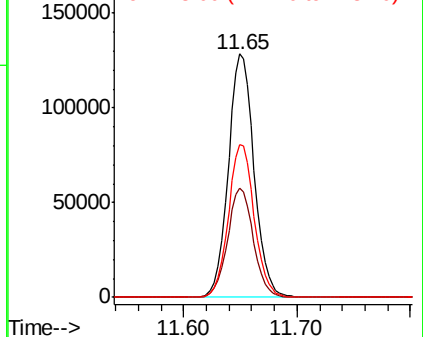
148 62.6 50.6 75.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2-Dibromo-3-chloropropane

Concen: 4.771 ug/L

RT: 12.44 min Scan# 3530

Delta R.T. 0.00 min

Lab File: VV019860.D

Acq: 29 Dec 2020 13:16

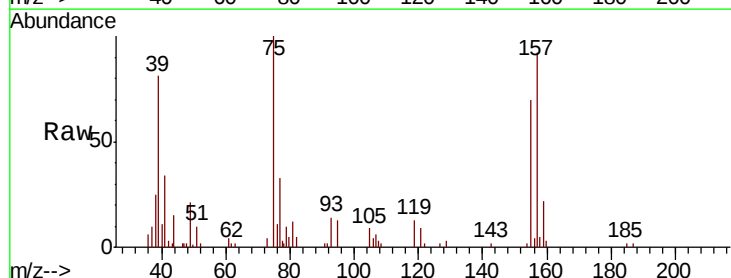
Tgt Ion: 75 Resp: 12896

Ion Ratio Lower Upper

75 100

155 70.2 56.5 84.7

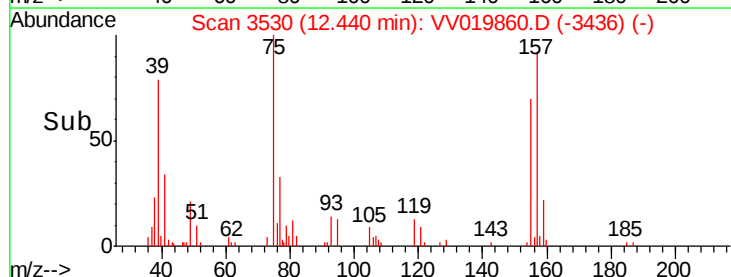
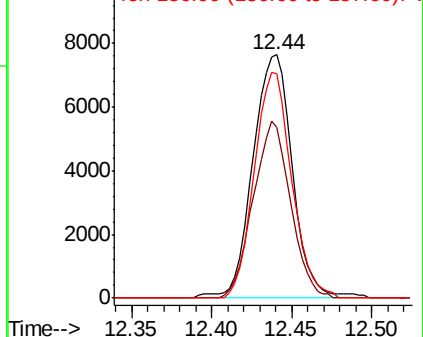
157 92.4 74.2 111.2

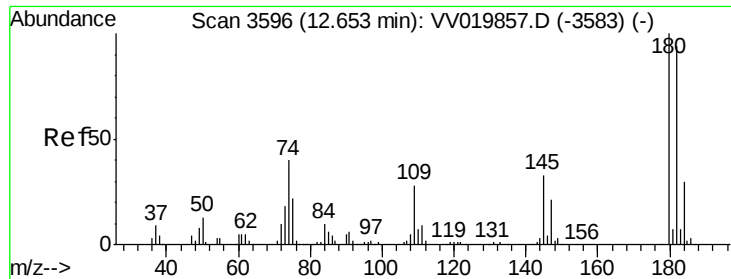


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

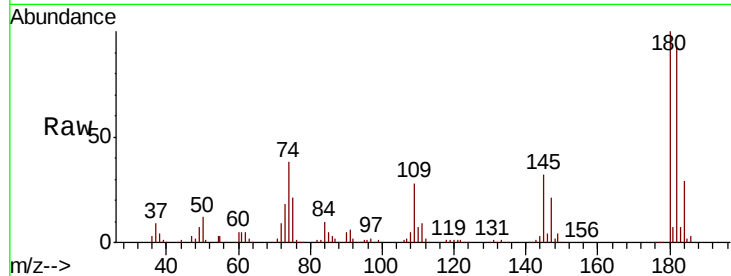




#69
 1,3,5-Trichlorobenzene
 Concen: 5.074 ug/L
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB75

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.9	113.9
184	29.9	23.5	35.3
145	32.0	26.2	39.2



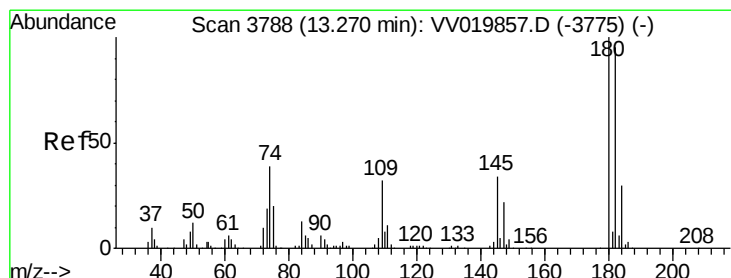
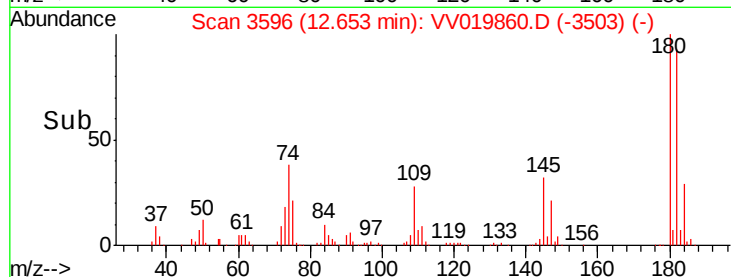
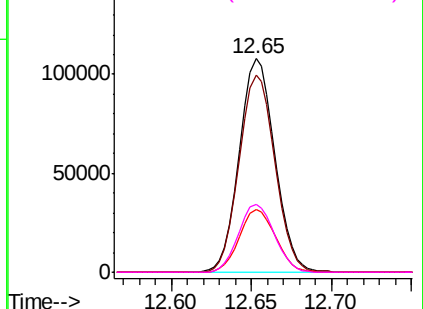
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

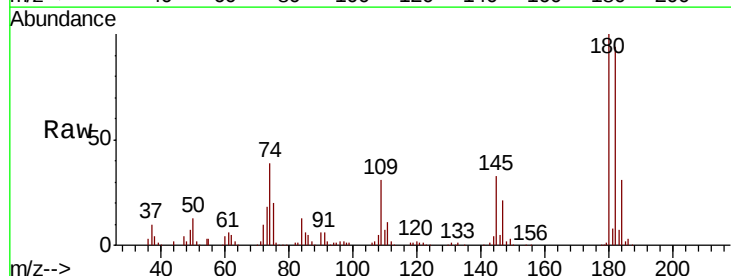
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 5.144 ug/L
 RT: 13.27 min Scan# 3788
 Delta R.T. -0.00 min
 Lab File: VV019860.D
 Acq: 29 Dec 2020 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.9	113.9
145	33.2	26.6	39.8

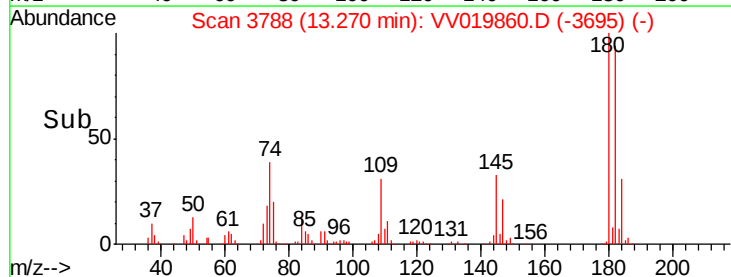
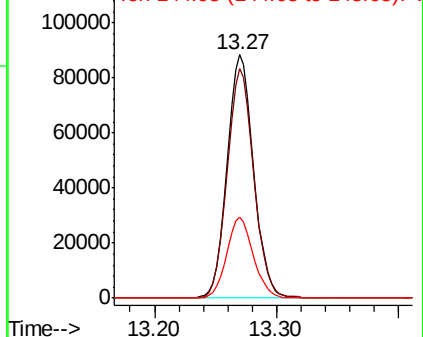


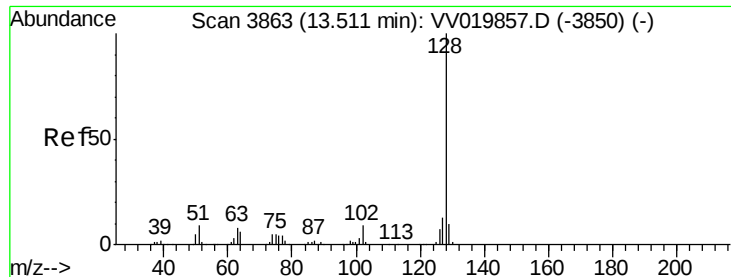
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

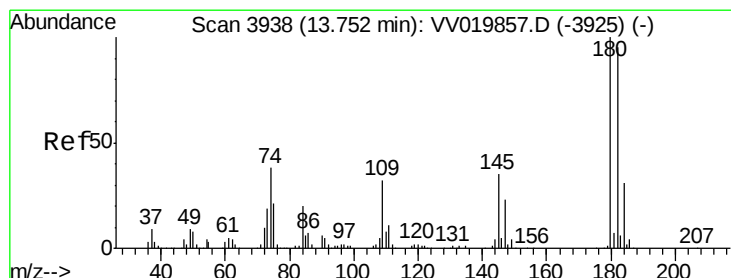
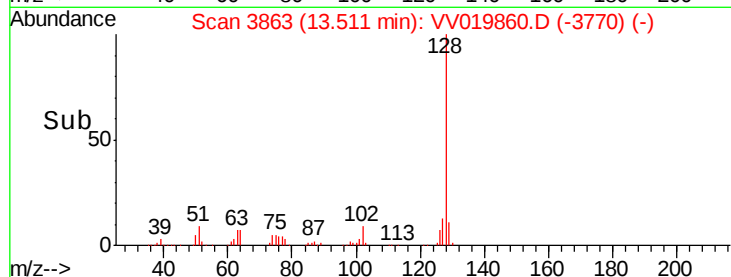
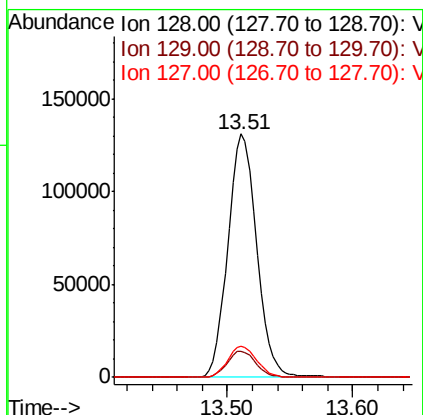
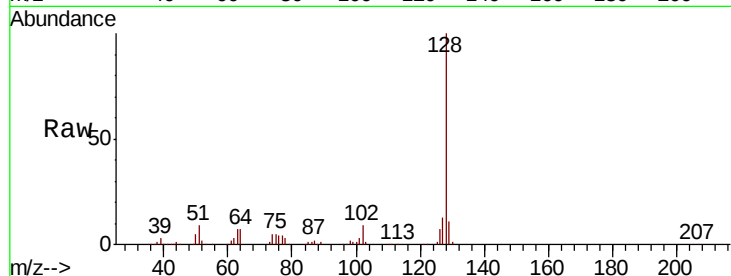




#71
Naphthalene
Concen: 5.285 ug/L
RT: 13.51 min Scan# 3863
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Instrument :
MSVOA_V
ClientSampleId :
BFB75

Tot Ion:128 Resp: 208862
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.297 ug/L
RT: 13.75 min Scan# 3938
Delta R.T. -0.00 min
Lab File: VV019860.D
Acq: 29 Dec 2020 13:16

Tgt Ion:180 Resp: 117764
Ion Ratio Lower Upper
180 100
182 94.5 74.6 112.0
145 34.8 28.8 43.2

