

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028636.D
 Acq On : 20 Oct 2022 15:42
 Operator : SY/MD
 Sample : N5173-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS7DL

Quant Time: Oct 21 01:11:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	222531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	144694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	62110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	105466	4.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.558	69	83530	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.095	63	143800	3.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.953	46	205593	49.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.160%
24) Chloroform-d	4.333	84	155902	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.024	65	82653	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.031	84	336129	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.056	67	110355	5.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.800%
41) Toluene-d8	7.301	98	240333	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	7.612	79	19022	3.969	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.104	63	84884	42.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.320%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	42314	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	56414	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	9113	0.843	ug/L	98
3) Chloromethane	1.230	50	2202	0.102	ug/L	91
5) Vinyl chloride	1.298	62	984	0.047	ug/L #	1
6) Bromomethane	1.510	94	1070	0.106	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.095	101	1559	0.102	ug/L #	37
12) 1,1-Dichloroethene	2.101	96	2515	0.175	ug/L #	1
16) Methylene chloride	2.494	84	11442	0.553	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	5630	0.143	ug/L	98
18) trans-1,2-Dichloroethene	2.744	96	2528	0.162	ug/L	88
22) cis-1,2-Dichloroethene	3.896	96	8688	0.483	ug/L #	96
27) 1,2-Dichloroethane	5.127	62	1133	0.052	ug/L #	64
34) Trichloroethene	5.892	95	144979	9.254	ug/L	99
35) Methylcyclohexane	6.056	83	25470	1.036	ug/L #	16
47) Tetrachloroethene	7.960	164	79583	9.407	ug/L	98
49) Dibromochloromethane	7.960	129	65948	8.309	ug/L #	13
61) 1,2,3-Trichloropropane	11.239	75	9517	1.414	ug/L #	66

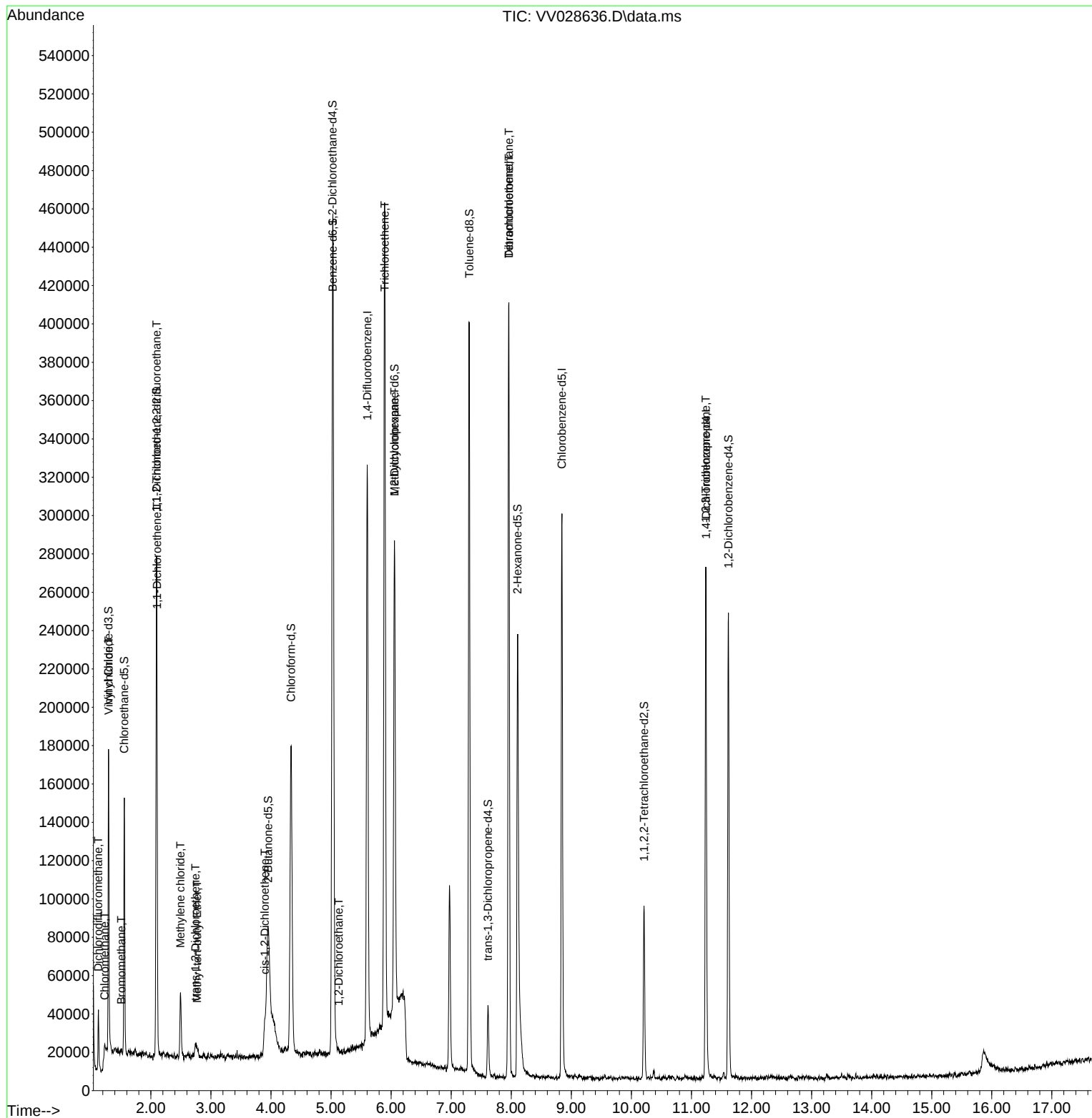
(#) = qualifier out of range (m) = manual integration (+) = signals summed

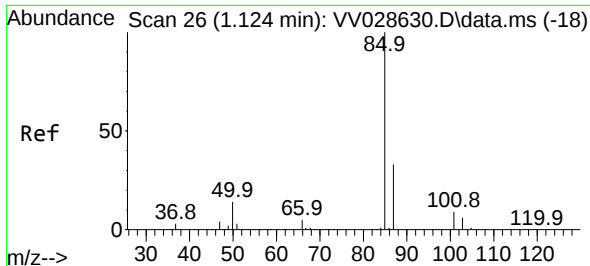
Instrument :
MSVOA_V
ClientSampleId :
BFXS7DL

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
Data File : VV028636.D
Acq On : 20 Oct 2022 15:42
Operator : SY/MD
Sample : N5173-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXS7DL

Quant Time: Oct 21 01:11:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 00:53:32 2022
Response via : Initial Calibration

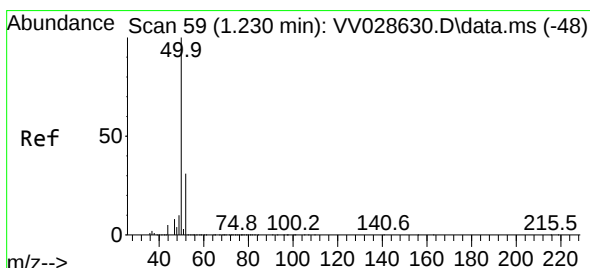
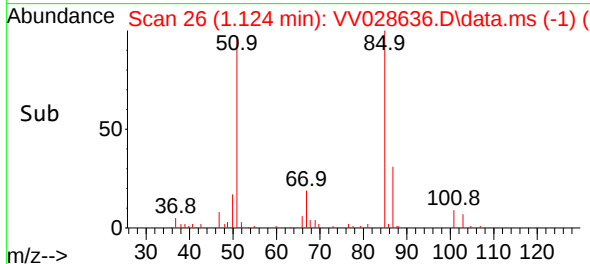
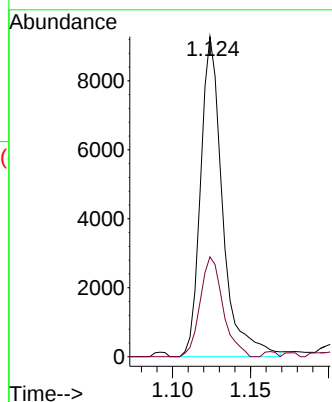
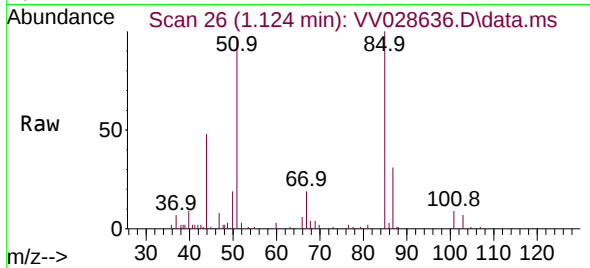




#2
 Dichlorodifluoromethane
 Concen: 0.843 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

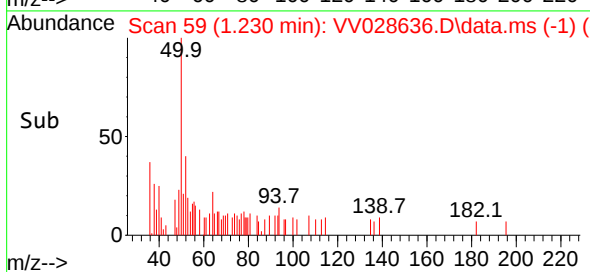
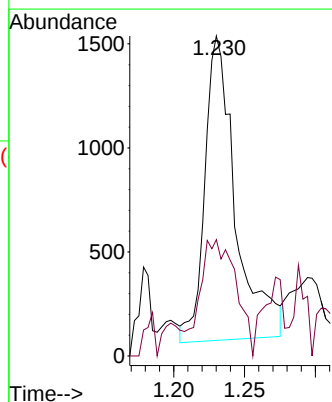
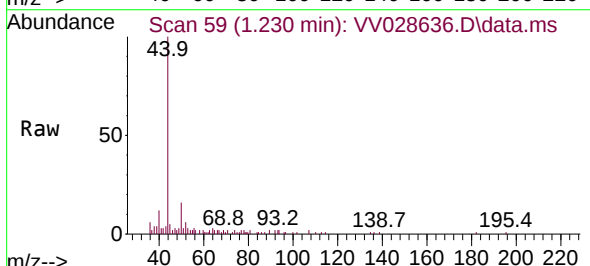
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS7DL

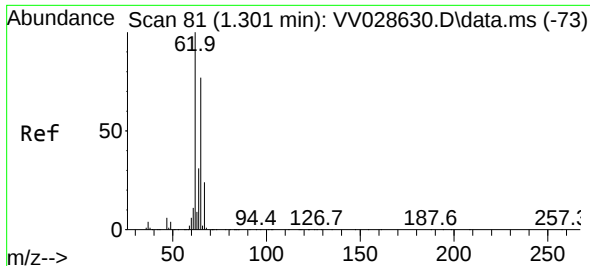
Tgt Ion: 85 Resp: 9113
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 40.0



#3
 Chloromethane
 Concen: 0.102 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

Tgt Ion: 50 Resp: 2202
 Ion Ratio Lower Upper
 50 100
 52 36.3 21.8 40.6

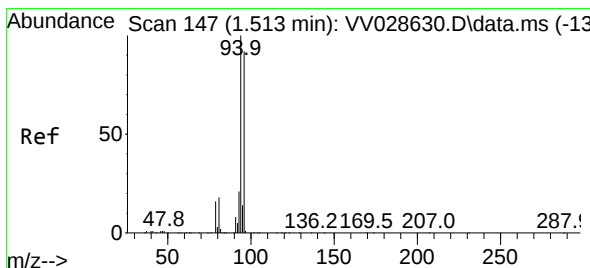
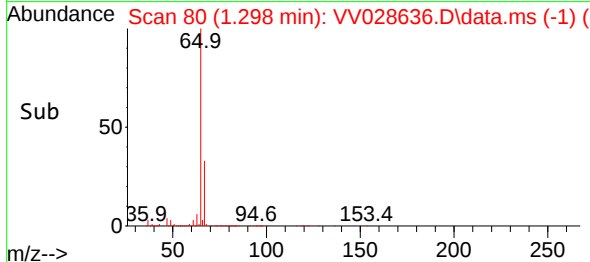
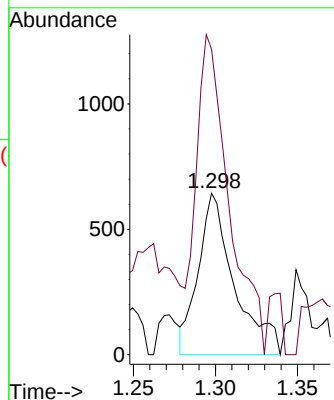
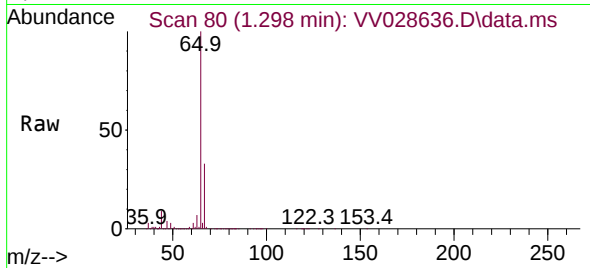




#5
 Vinyl chloride
 Concen: 0.047 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

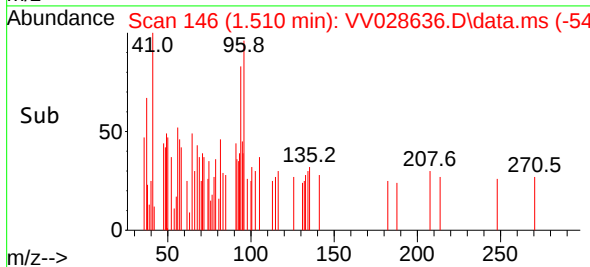
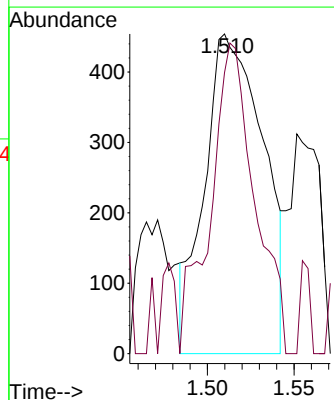
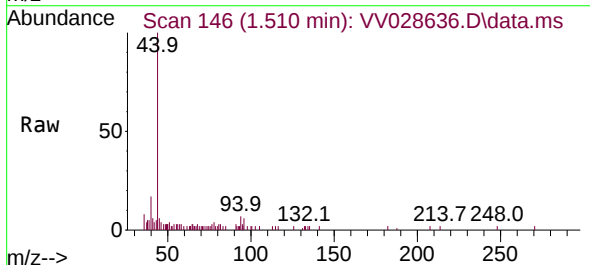
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS7DL

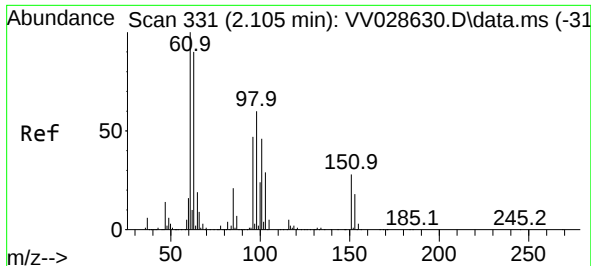
Tgt Ion: 62 Resp: 984
 Ion Ratio Lower Upper
 62 100
 64 189.1 22.0 41.0#



#6
 Bromomethane
 Concen: 0.106 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.003 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

Tgt Ion: 94 Resp: 1070
 Ion Ratio Lower Upper
 94 100
 96 87.9 64.3 119.3





#10

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

Concen: 0.102 ug/L

RT: 2.095 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV028636.D

Acq: 20 Oct 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

BFXS7DL

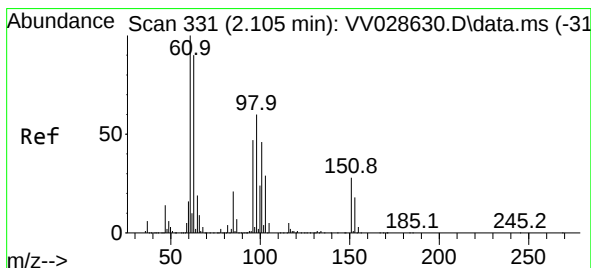
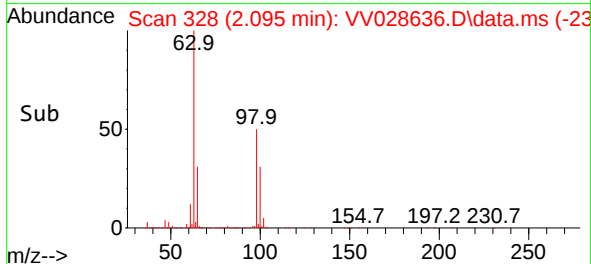
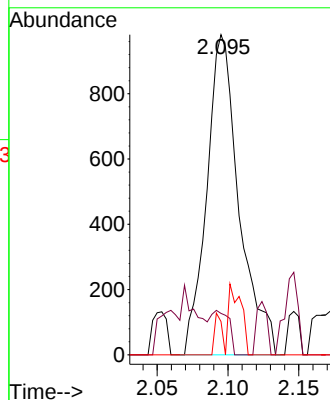
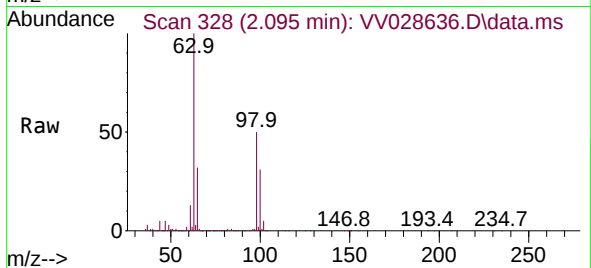
Tgt Ion:101 Resp: 1559

Ion Ratio Lower Upper

101 100

85 7.6 37.0 55.6#

151 11.4 50.2 75.2#



#12

1,1-Dichloroethene

Concen: 0.175 ug/L

RT: 2.101 min Scan# 330

Delta R.T. -0.003 min

Lab File: VV028636.D

Acq: 20 Oct 2022 15:42

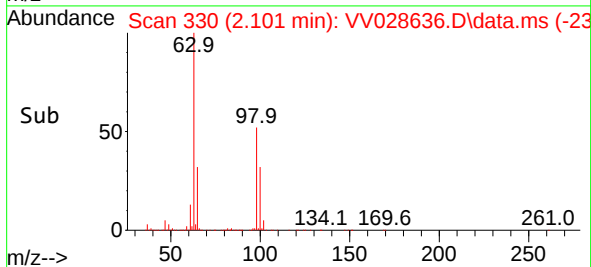
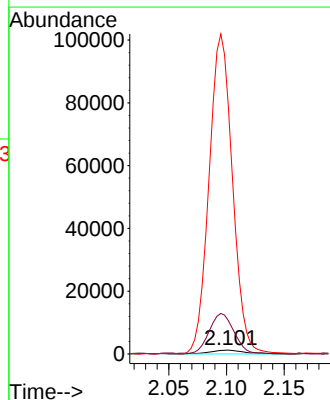
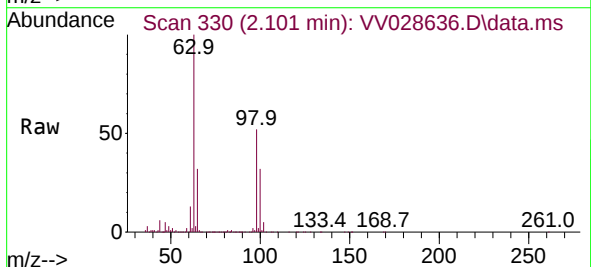
Tgt Ion: 96 Resp: 2515

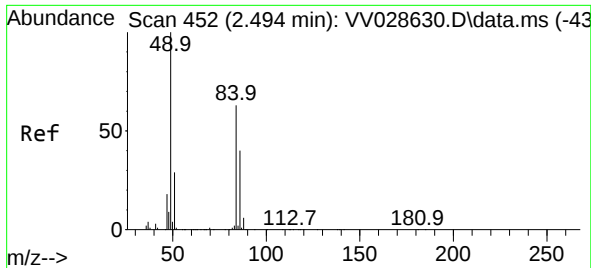
Ion Ratio Lower Upper

96 100

61 883.7 148.1 275.1#

63 6565.7 133.3 247.7#

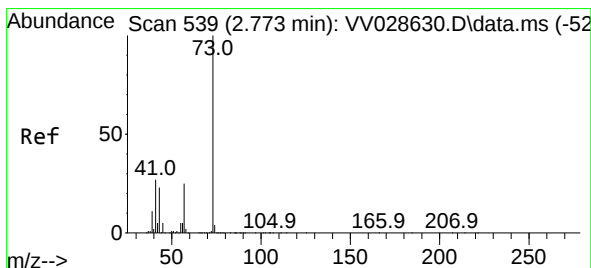
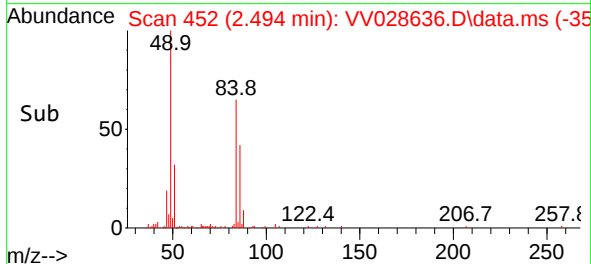
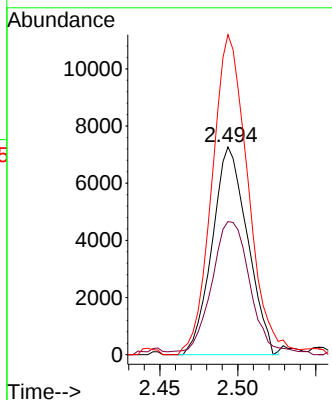
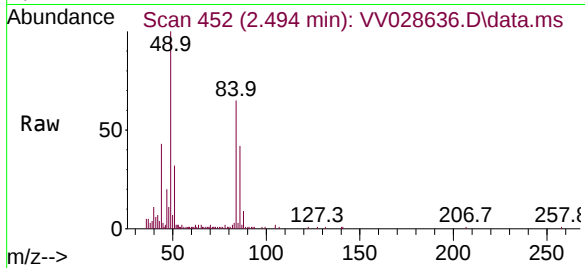




#16
Methylene chloride
Concen: 0.553 ug/L
RT: 2.494 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV028636.D
Acq: 20 Oct 2022 15:42

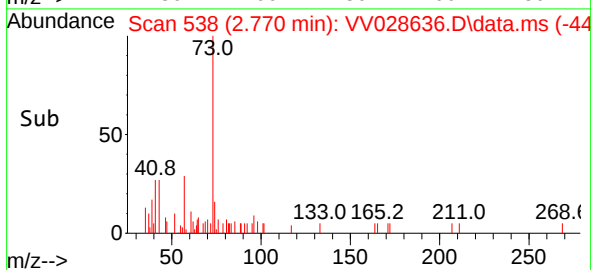
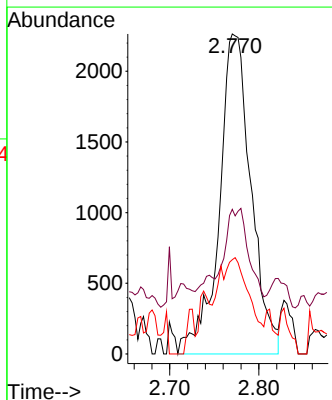
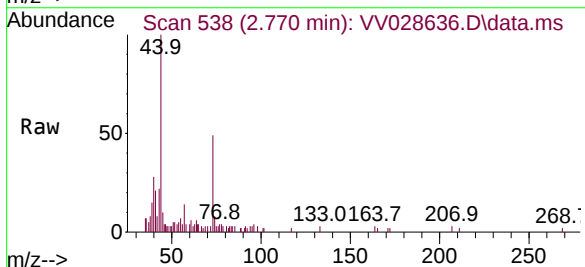
Instrument :
MSVOA_V
ClientSampleId :
BFXS7DL

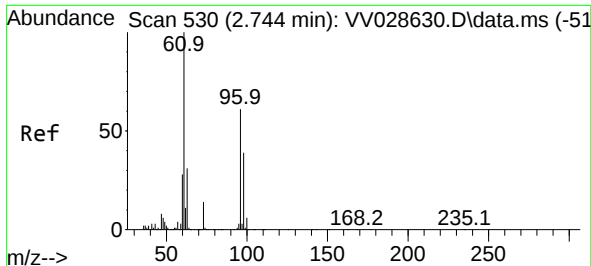
Tgt Ion: 84 Resp: 11442
Ion Ratio Lower Upper
84 100
86 64.1 44.4 82.4
49 154.1 110.8 205.8



#17
Methyl tert-butyl Ether
Concen: 0.143 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV028636.D
Acq: 20 Oct 2022 15:42

Tgt Ion: 73 Resp: 5630
Ion Ratio Lower Upper
73 100
43 21.0 18.0 27.0
57 25.2 20.0 30.0

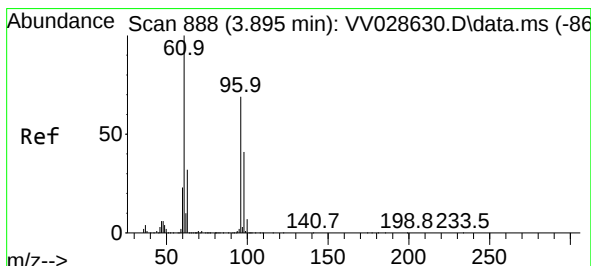
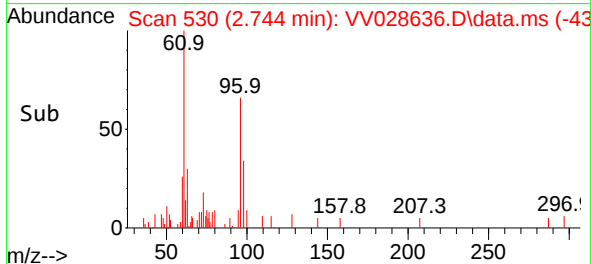
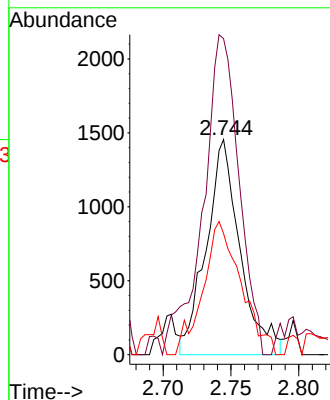
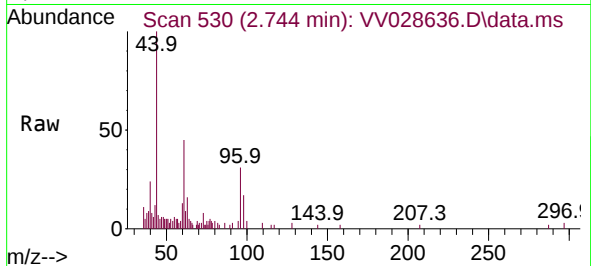




#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 2.744 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028636.D
Acq: 20 Oct 2022 15:42

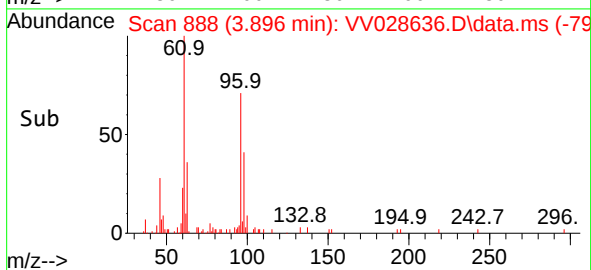
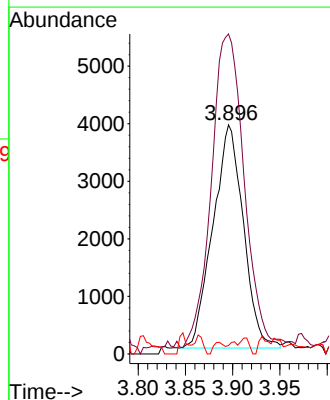
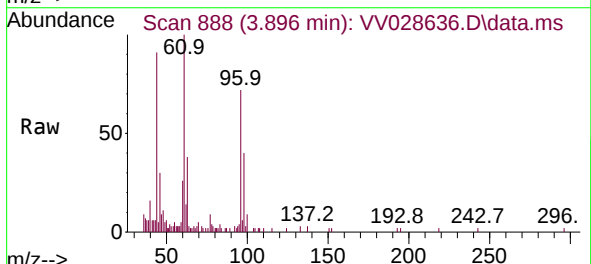
Instrument :
MSVOA_V
ClientSampleId :
BFXS7DL

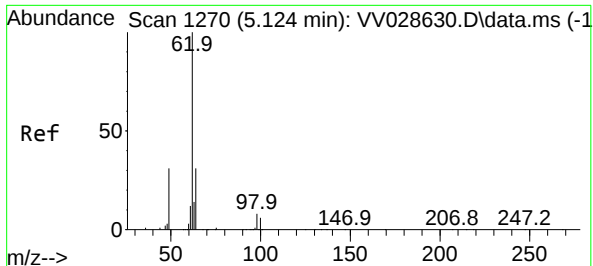
Tgt Ion: 96 Resp: 2528
Ion Ratio Lower Upper
96 100
61 146.9 114.3 212.3
98 56.3 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 0.483 ug/L
RT: 3.896 min Scan# 888
Delta R.T. 0.000 min
Lab File: VV028636.D
Acq: 20 Oct 2022 15:42

Tgt Ion: 96 Resp: 8688
Ion Ratio Lower Upper
96 100
61 139.6 101.4 188.2
68 3.7 0.5 0.9#

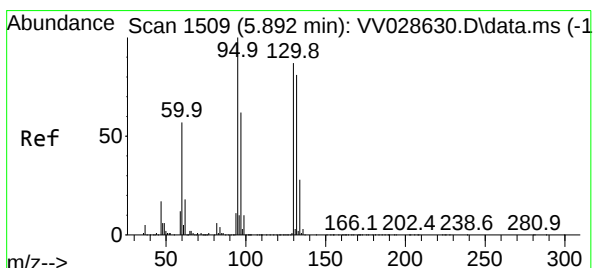
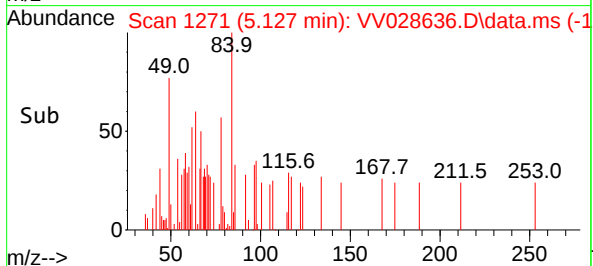
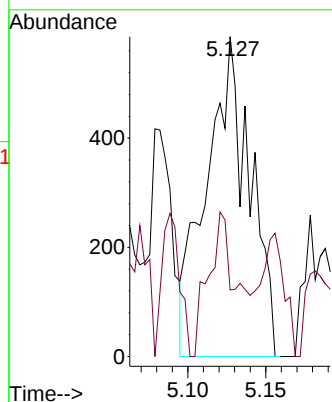
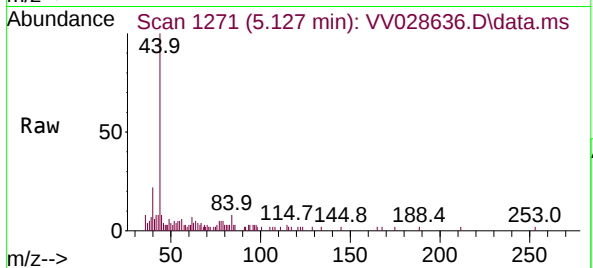




#27
1,2-Dichloroethane
Concen: 0.052 ug/L
RT: 5.127 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028636.D
Acq: 20 Oct 2022 15:42

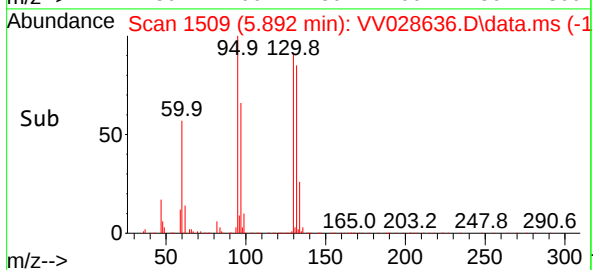
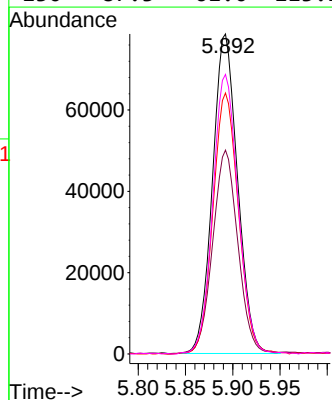
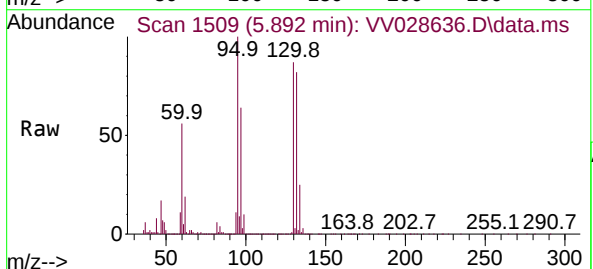
Instrument :
MSVOA_V
ClientSampleId :
BFXS7DL

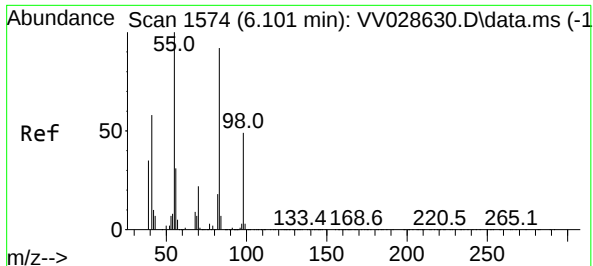
Tgt Ion: 62 Resp: 1133
Ion Ratio Lower Upper
62 100
98 20.8 6.6 9.8#



#34
Trichloroethene
Concen: 9.254 ug/L
RT: 5.892 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VV028636.D
Acq: 20 Oct 2022 15:42

Tgt Ion: 95 Resp: 144979
Ion Ratio Lower Upper
95 100
97 63.7 43.5 80.9
132 81.6 56.5 104.9
130 87.3 61.0 113.2

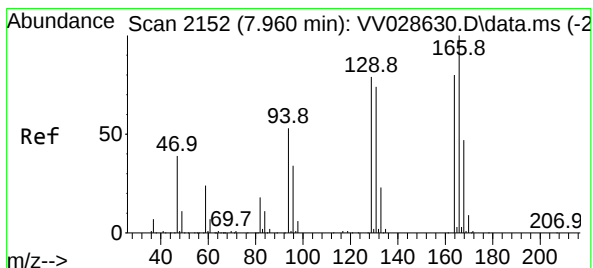
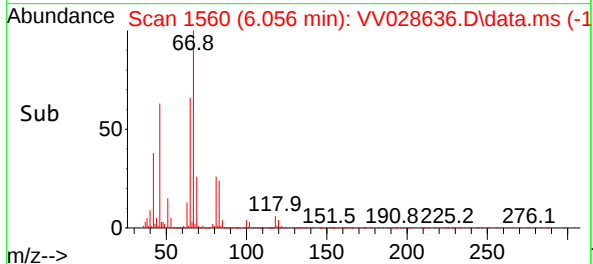
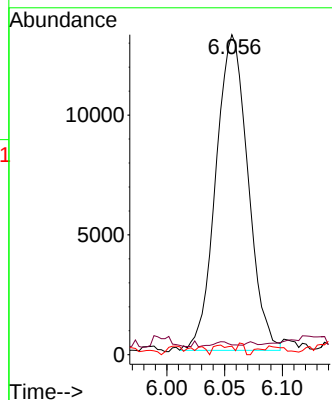
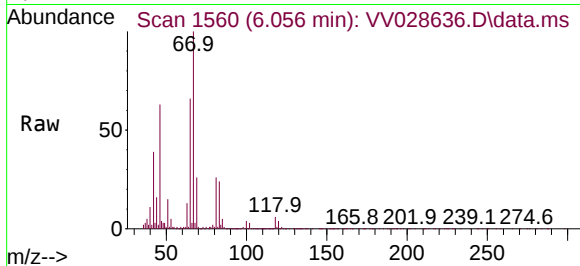




#35
Methylcyclohexane
Concen: 1.036 ug/L
RT: 6.056 min Scan# 11
Delta R.T. -0.045 min
Lab File: VV028636.D
Acq: 20 Oct 2022 15:42

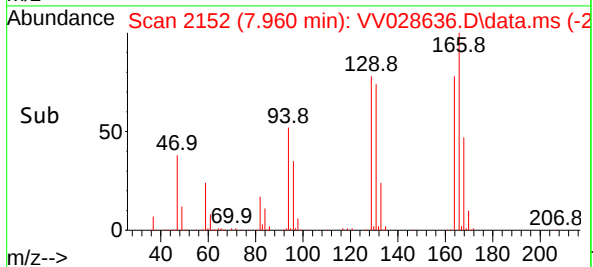
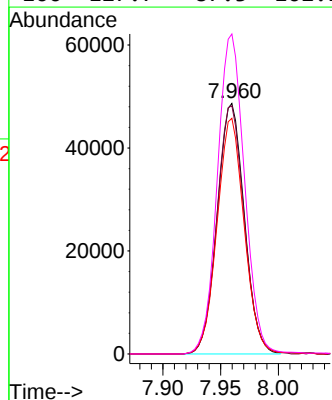
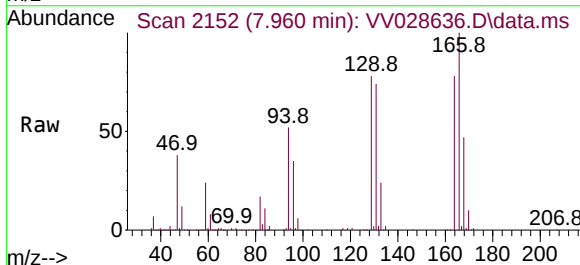
Instrument :
MSVOA_V
ClientSampleId :
BFXS7DL

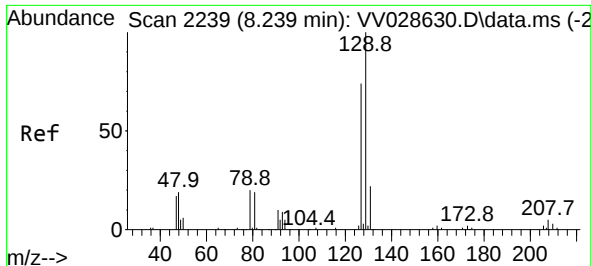
Tgt Ion: 83 Resp: 25470
Ion Ratio Lower Upper
83 100
55 1.7 70.0 105.0#
98 1.7 35.6 53.4#



#47
Tetrachloroethene
Concen: 9.407 ug/L
RT: 7.960 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VV028636.D
Acq: 20 Oct 2022 15:42

Tgt Ion: 164 Resp: 79583
Ion Ratio Lower Upper
164 100
129 99.0 69.2 128.6
131 94.0 64.2 119.2
166 127.7 87.3 162.1





#49

Dibromochloromethane

Concen: 8.309 ug/L

RT: 7.960 min Scan# 2152

Delta R.T. -0.280 min

Lab File: VV028636.D

Acq: 20 Oct 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

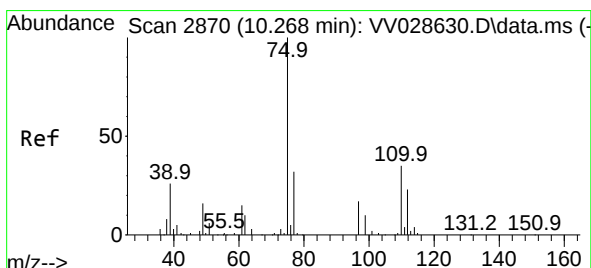
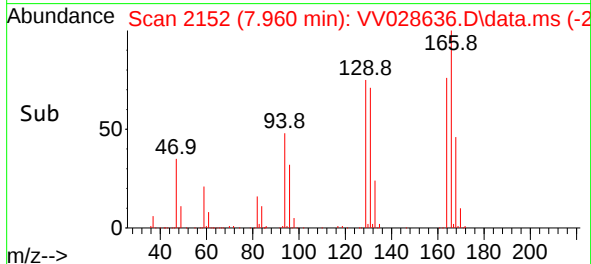
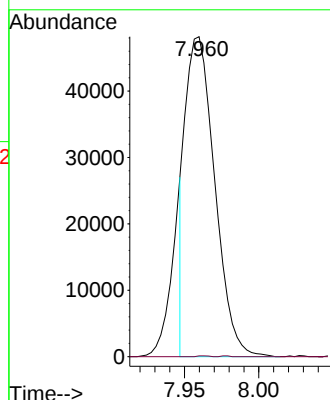
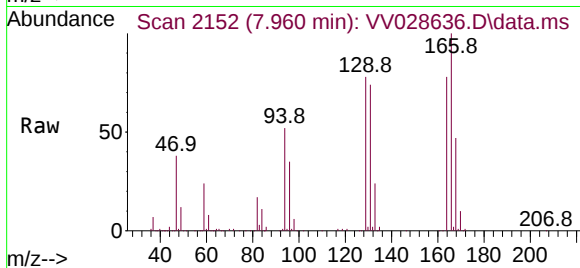
BFXS7DL

Tgt Ion:129 Resp: 65948

Ion Ratio Lower Upper

129 100

127 0.2 51.6 95.8#



#61

1,2,3-Trichloropropane

Concen: 1.414 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV028636.D

Acq: 20 Oct 2022 15:42

Tgt Ion: 75 Resp: 9517

Ion Ratio Lower Upper

75 100

77 38.4 25.2 37.8#

110 3.9 27.9 41.9#

