

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030476.D
 Acq On : 10 Apr 2023 18:37
 Operator : SY/MD
 Sample : 02254-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA7

Quant Time: Apr 11 06:31:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	120642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26484	3.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.535	69	30110	3.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.072	63	9024779	475.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	9519.800%#
20) 2-Butanone-d5	3.828	46	87246	42.245	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.500%
24) Chloroform-d	4.262	84	84186	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.953	65	42728	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.969	84	150036	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.998	67	47418	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.252	98	119825	3.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.561	79	15534	3.925	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.037	63	67189	42.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.480%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34568	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	48599	4.726	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2694	0.139	ug/L	98
5) Vinyl chloride	1.285	62	5942	0.421	ug/L	89
6) Bromomethane	1.497	94	437	0.109	ug/L	79
8) Chloroethane	1.558	64	1256	0.155	ug/L	98
9) Trichlorofluoromethane	1.719	101	2315	0.113	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	39434	3.474	ug/L #	31
12) 1,1-Dichloroethene	2.069	96	13832841	1372.277	ug/L #	41
19) 1,1-Dichloroethane	3.121	63	1215757	59.054	ug/L	98
25) Chloroform	4.291	83	12791	0.615	ug/L	97
27) 1,2-Dichloroethane	5.056	62	16317	1.297	ug/L	97
31) Carbon tetrachloride	4.539	117	4399037	253.133	ug/L	99
34) Trichloroethene	5.841	95	223200	19.554	ug/L	99
35) Methylcyclohexane	5.998	83	12387	0.691	ug/L #	16
45) 1,1,2-Trichloroethane	7.786	97	1384	0.181	ug/L	87
47) Tetrachloroethene	7.915	164	41432	4.113	ug/L	97
49) Dibromochloromethane	7.911	129	36451	4.003	ug/L #	12
68) 1,2-Dibromo-3-chloropr...	12.201	75	310	0.242	ug/L #	3

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
Data File : VV030476.D
Acq On : 10 Apr 2023 18:37
Operator : SY/MD
Sample : 02254-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA7

Quant Time: Apr 11 06:31:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 11 06:24:59 2023
Response via : Initial Calibration

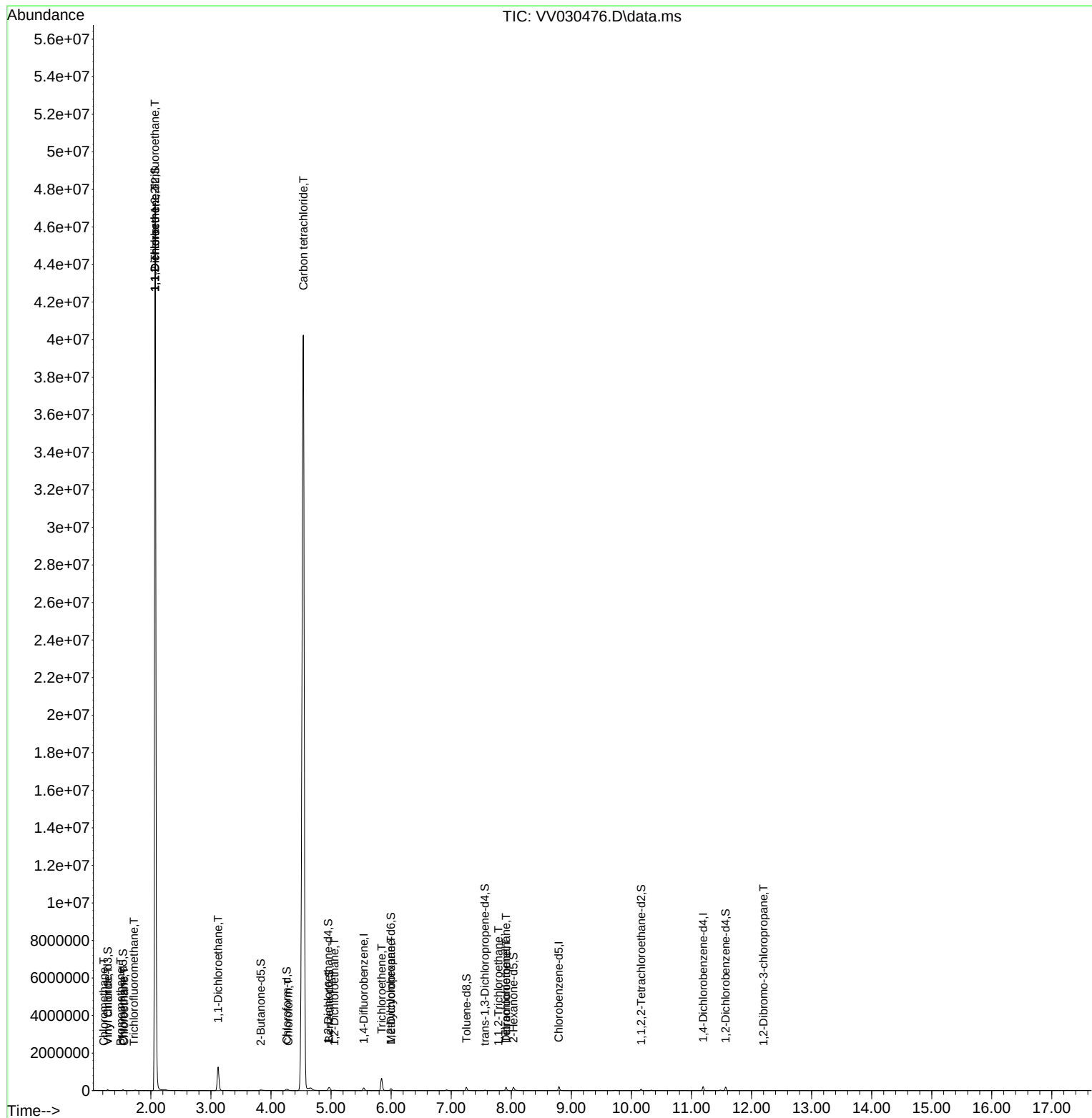
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

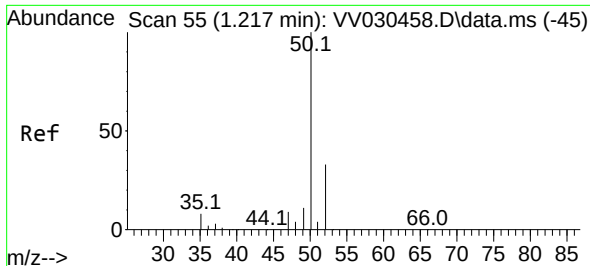
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
Data File : VV030476.D
Acq On : 10 Apr 2023 18:37
Operator : SY/MD
Sample : 02254-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA7

Quant Time: Apr 11 06:31:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 11 06:24:59 2023
Response via : Initial Calibration

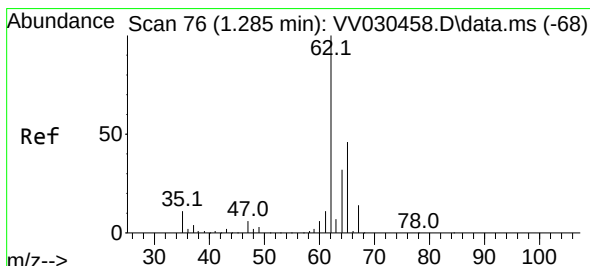
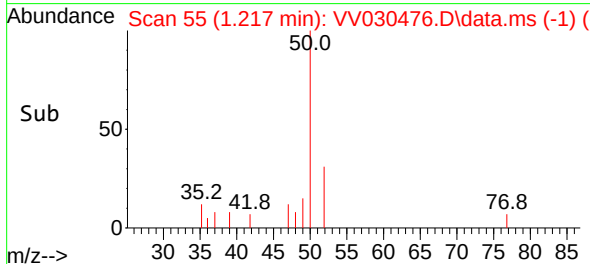
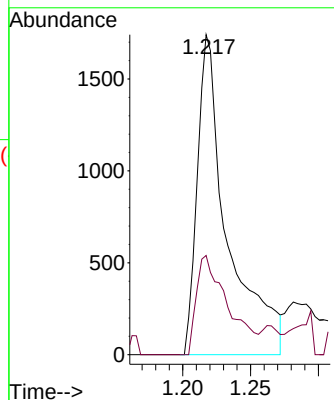
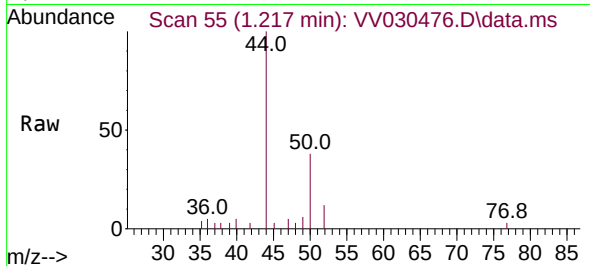




#3
Chloromethane
Concen: 0.139 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

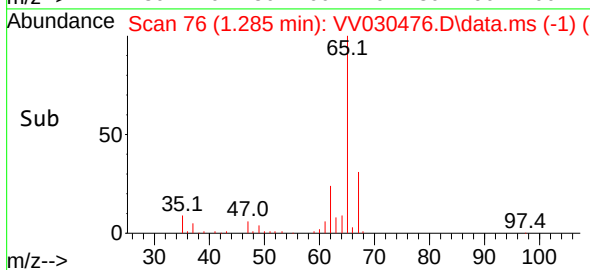
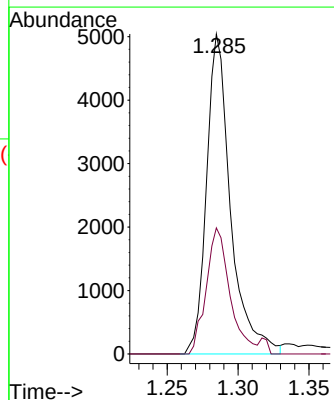
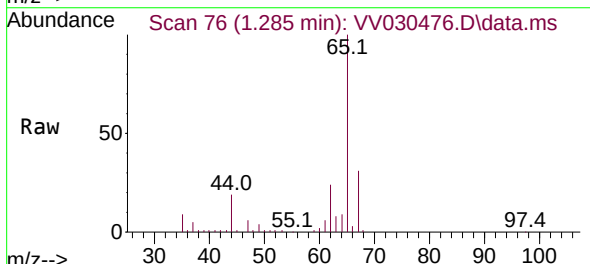
Instrument :
MSVOA_V
ClientSampleId :
C0AA7

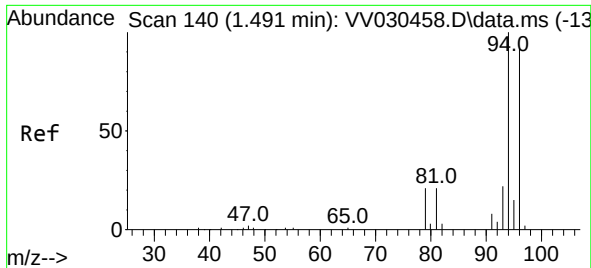
Tgt Ion: 50 Resp: 2694
Ion Ratio Lower Upper
50 100
52 31.0 22.3 41.5



#5
Vinyl chloride
Concen: 0.421 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

Tgt Ion: 62 Resp: 5942
Ion Ratio Lower Upper
62 100
64 39.4 23.2 43.2





#6

Bromomethane

Concen: 0.109 ug/L

RT: 1.497 min Scan# 14

Delta R.T. 0.006 min

Lab File: VV030476.D

Acq: 10 Apr 2023 18:37

Instrument :

MSVOA_V

ClientSampleId :

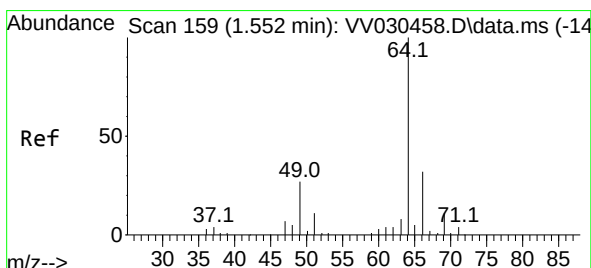
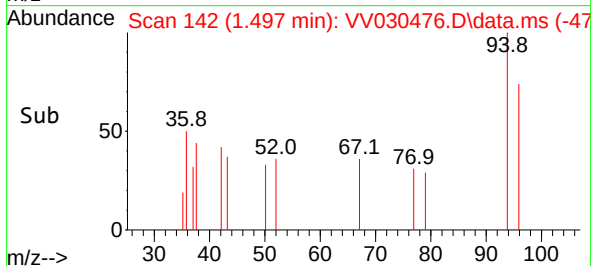
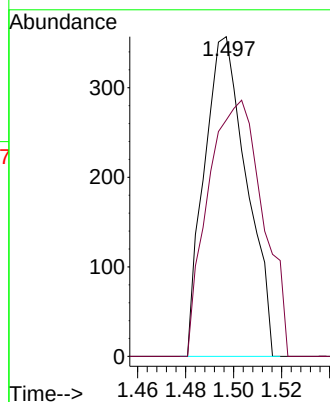
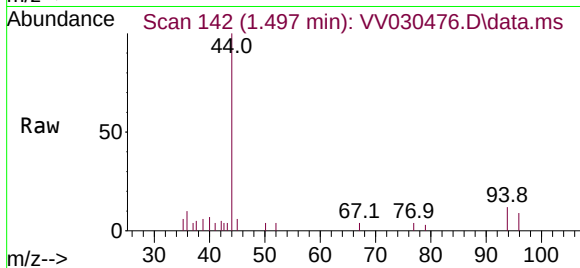
C0AA7

Tgt Ion: 94 Resp: 437

Ion Ratio Lower Upper

94 100

96 73.9 66.1 122.7



#8

Chloroethane

Concen: 0.155 ug/L

RT: 1.558 min Scan# 161

Delta R.T. 0.006 min

Lab File: VV030476.D

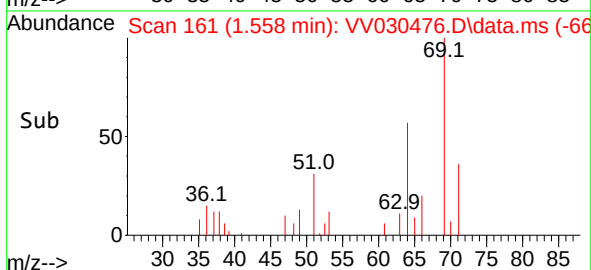
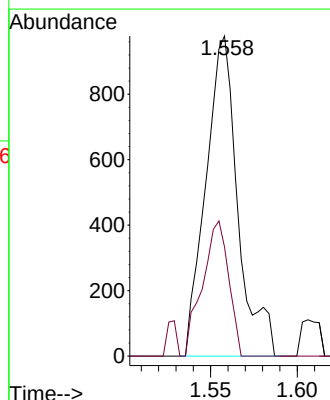
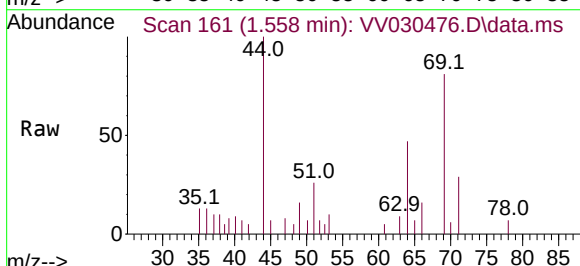
Acq: 10 Apr 2023 18:37

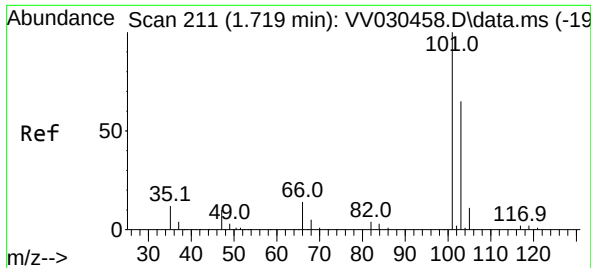
Tgt Ion: 64 Resp: 1256

Ion Ratio Lower Upper

64 100

66 34.0 23.0 42.8

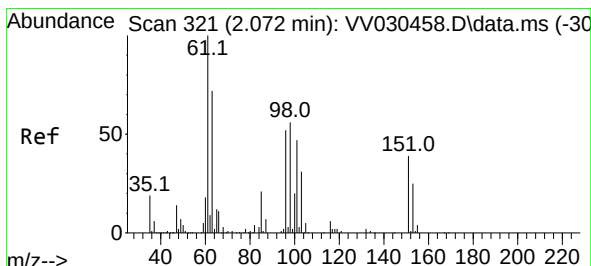
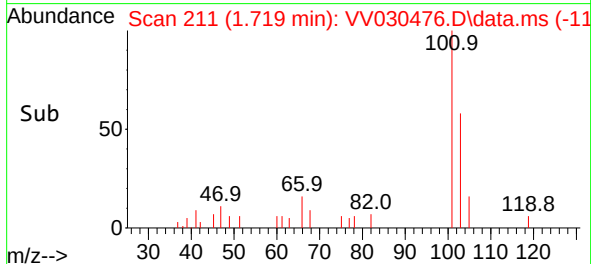
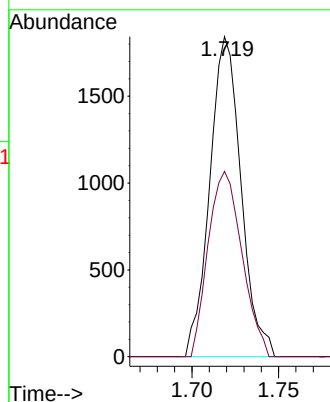
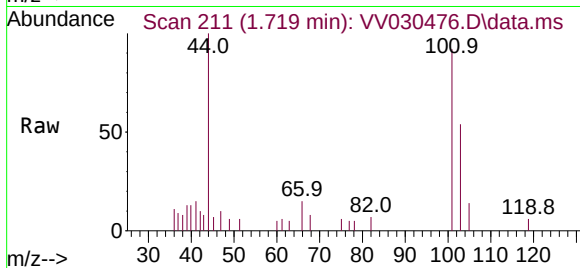




#9
 Trichlorofluoromethane
 Concen: 0.113 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VV030476.D
 Acq: 10 Apr 2023 18:37

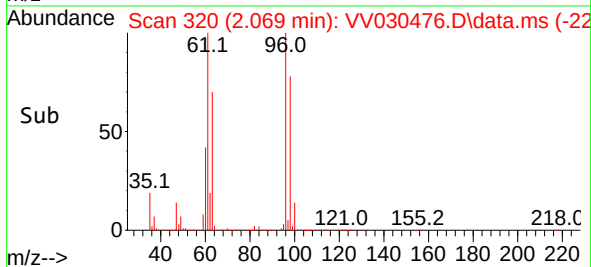
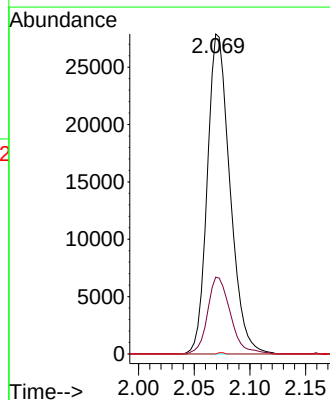
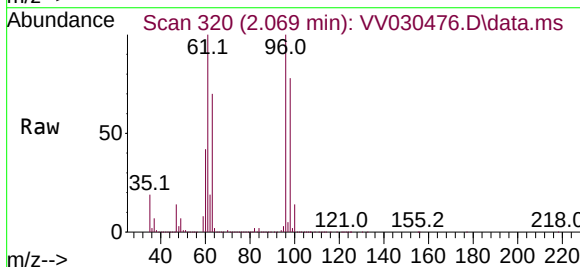
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA7

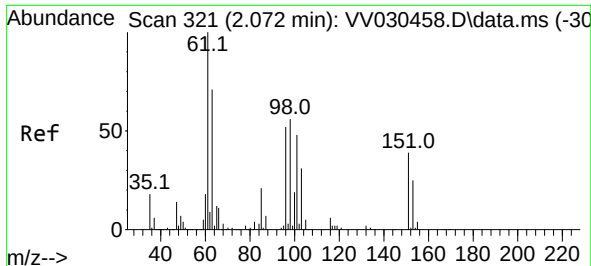
Tgt Ion:101 Resp: 2315
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.0 76.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.474 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV030476.D
 Acq: 10 Apr 2023 18:37

Tgt Ion:101 Resp: 39434
 Ion Ratio Lower Upper
 101 100
 85 24.2 38.1 57.1#
 151 0.1 62.7 94.1#

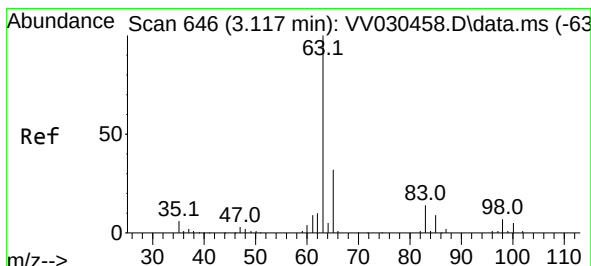
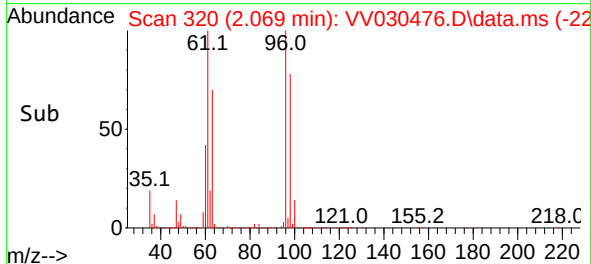
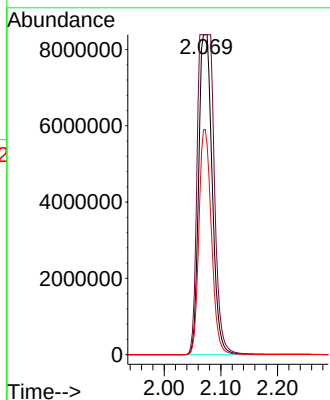
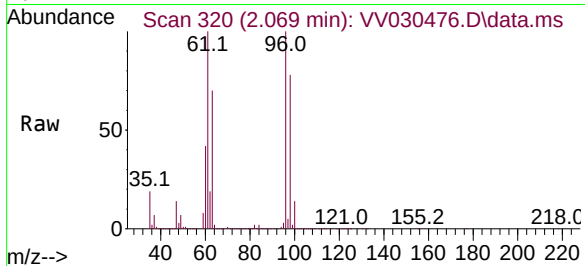




#12
1,1-Dichloroethene
Concen: 1372.277 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

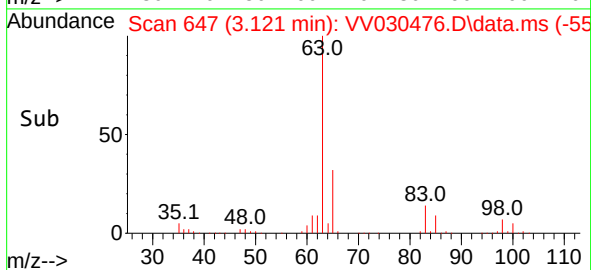
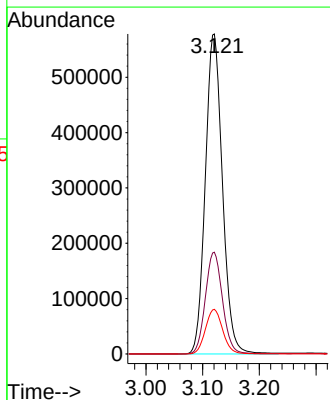
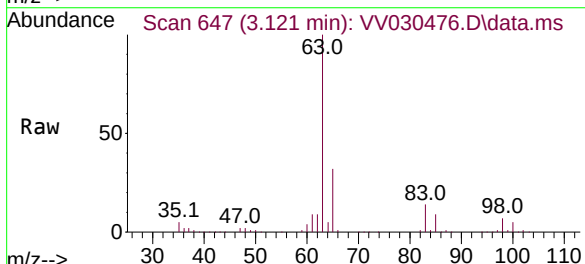
Instrument :
MSVOA_V
ClientSampleId :
C0AA7

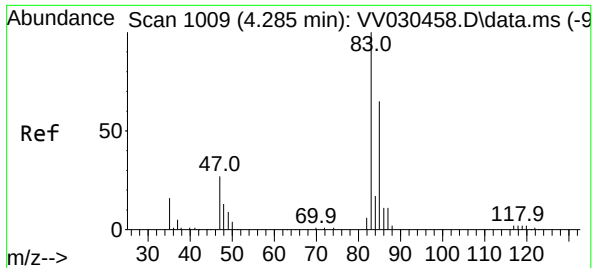
Tgt Ion: 96 Resp:13832841
Ion Ratio Lower Upper
96 100
61 100.0 136.3 253.1#
63 70.3 92.1 171.1#



#19
1,1-Dichloroethane
Concen: 59.054 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

Tgt Ion: 63 Resp: 1215757
Ion Ratio Lower Upper
63 100
65 31.8 21.7 40.3
83 13.9 9.1 16.9





#25

Chloroform

Concen: 0.615 ug/L

RT: 4.291 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VV030476.D

Acq: 10 Apr 2023 18:37

Instrument :

MSVOA_V

ClientSampleId :

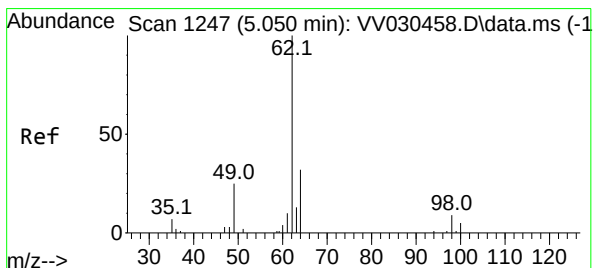
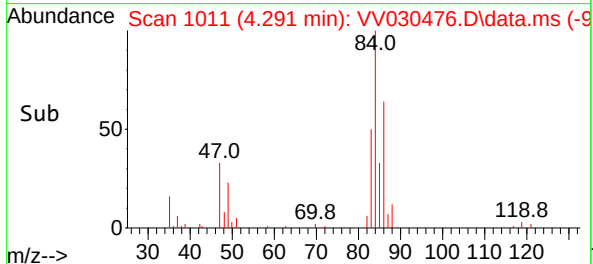
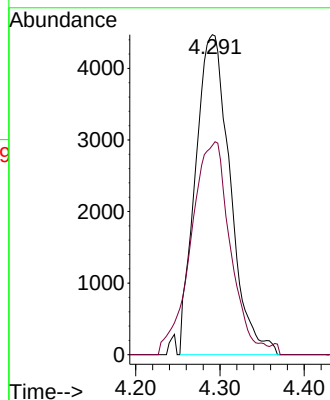
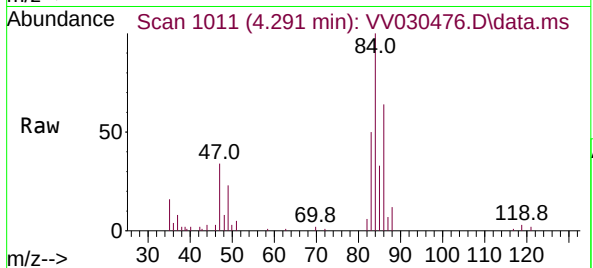
C0AA7

Tgt Ion: 83 Resp: 12791

Ion Ratio Lower Upper

83 100

85 65.4 47.6 88.4



#27

1,2-Dichloroethane

Concen: 1.297 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.006 min

Lab File: VV030476.D

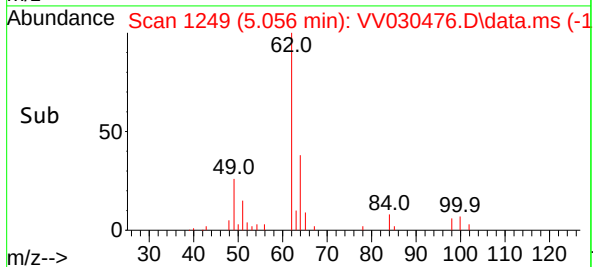
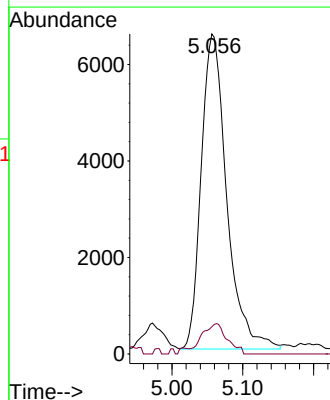
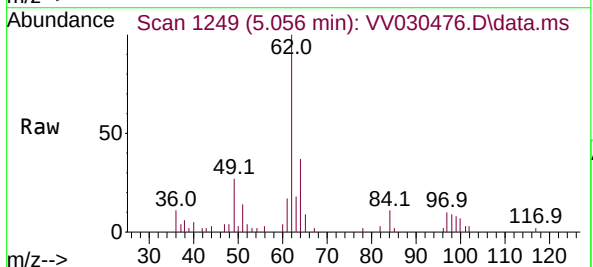
Acq: 10 Apr 2023 18:37

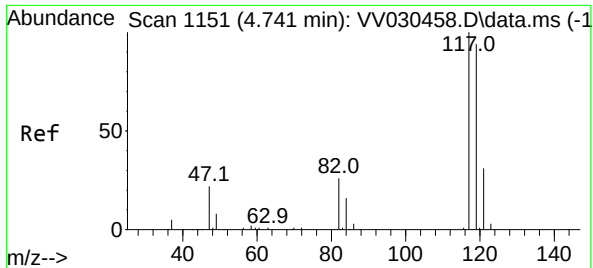
Tgt Ion: 62 Resp: 16317

Ion Ratio Lower Upper

62 100

98 8.5 7.8 11.8

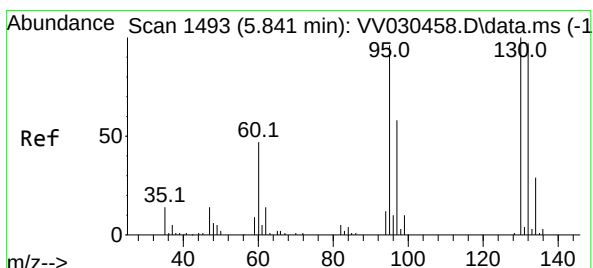
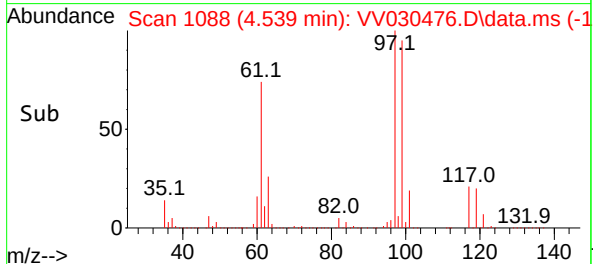
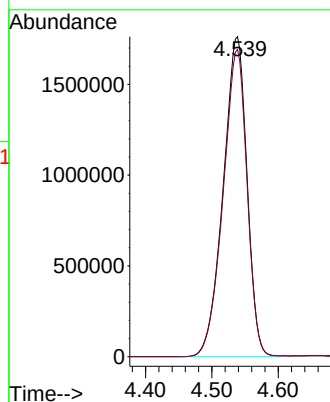
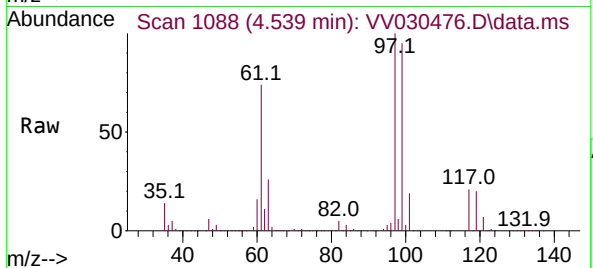




#31
Carbon tetrachloride
Concen: 253.133 ug/L
RT: 4.539 min Scan# 1088
Delta R.T. -0.203 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

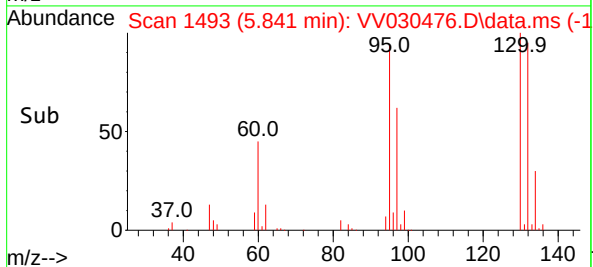
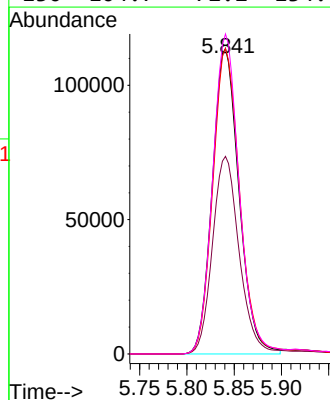
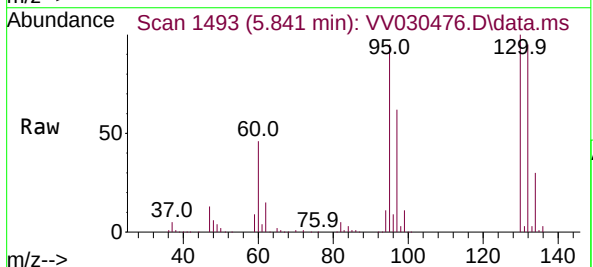
Instrument :
MSVOA_V
ClientSampleId :
C0AA7

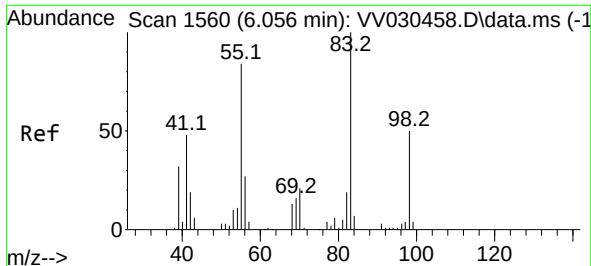
Tgt Ion:117 Resp: 4399037
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4



#34
Trichloroethene
Concen: 19.554 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

Tgt Ion: 95 Resp: 223200
Ion Ratio Lower Upper
95 100
97 64.7 44.2 82.2
132 100.0 69.5 129.1
130 104.7 72.2 134.0

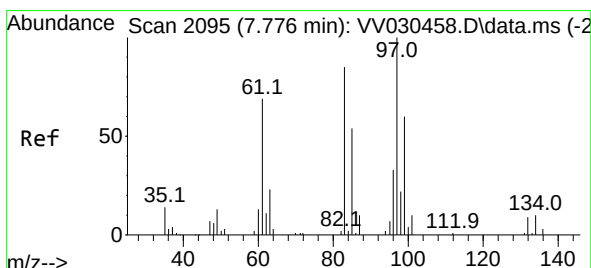
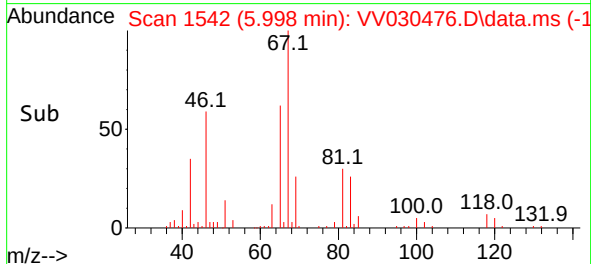
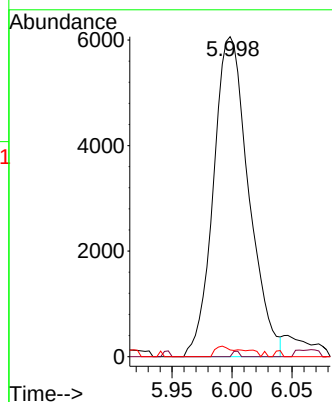
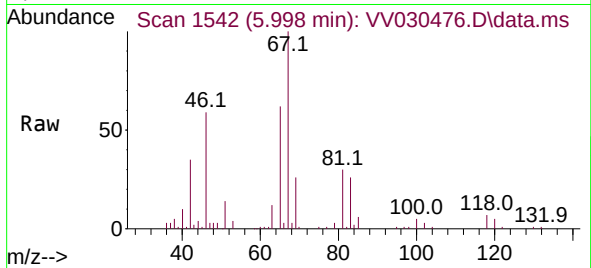




#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

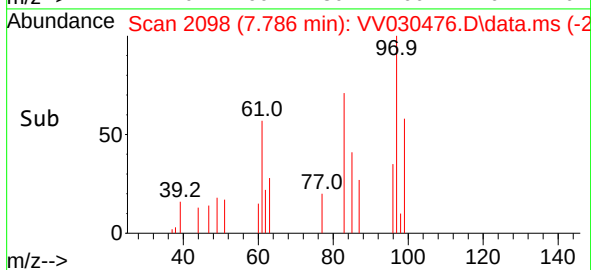
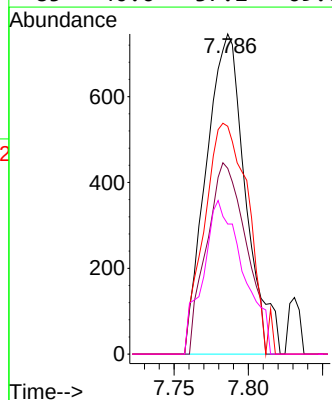
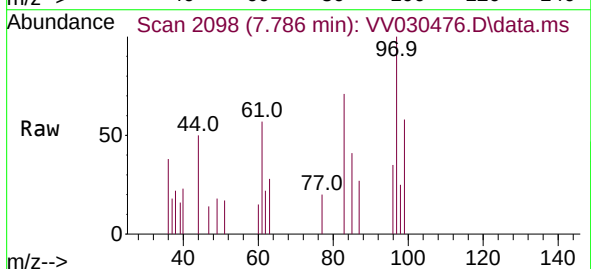
Instrument :
MSVOA_V
ClientSampleId :
C0AA7

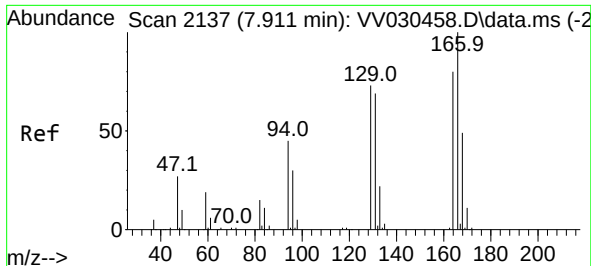
Tgt Ion: 83 Resp: 12387
Ion Ratio Lower Upper
83 100
55 0.3 66.6 100.0#
98 0.0 38.6 58.0#



#45
1,1,2-Trichloroethane
Concen: 0.181 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. 0.010 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

Tgt Ion: 97 Resp: 1384
Ion Ratio Lower Upper
97 100
99 58.0 44.0 81.8
83 71.2 58.8 109.2
85 40.6 37.2 69.0

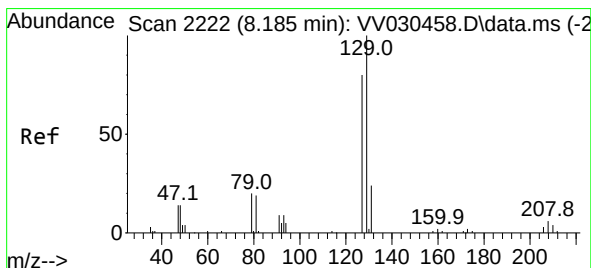
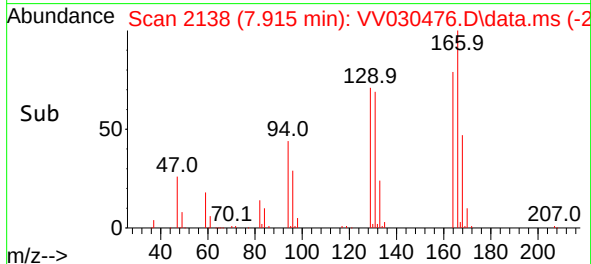
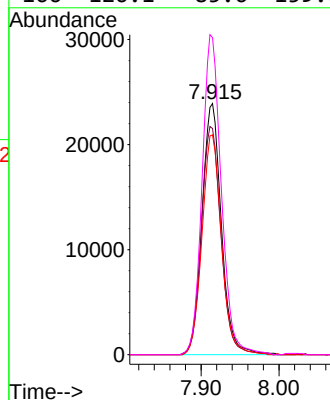
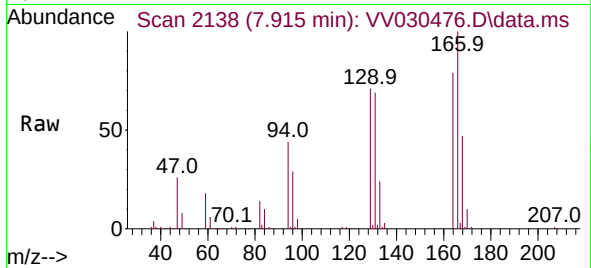




#47
Tetrachloroethene
Concen: 4.113 ug/L
RT: 7.915 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

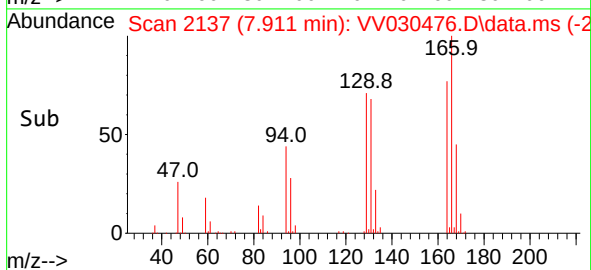
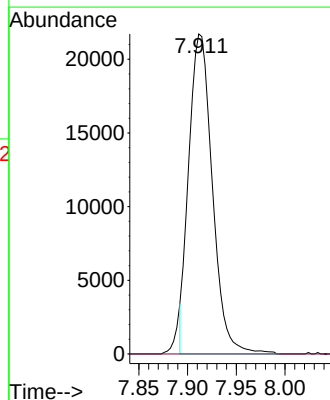
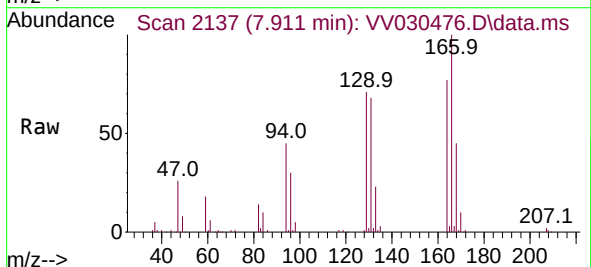
Instrument :
MSVOA_V
ClientSampleId :
C0AA7

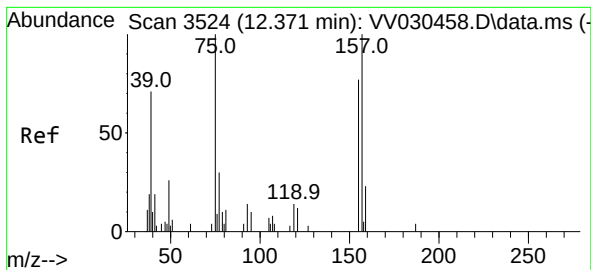
Tgt Ion:164 Resp: 41432
Ion Ratio Lower Upper
164 100
129 90.1 60.8 112.8
131 87.5 61.7 114.7
166 126.1 85.6 159.0



#49
Dibromochloromethane
Concen: 4.003 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030476.D
Acq: 10 Apr 2023 18:37

Tgt Ion:129 Resp: 36451
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.242 ug/L
 RT: 12.201 min Scan# 34
 Delta R.T. -0.170 min
 Lab File: VV030476.D
 Acq: 10 Apr 2023 18:37

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA7

Tgt Ion: 75 Resp: 310
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.6 96.8#
 157 0.0 83.8 125.6#

