

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026397.D
 Acq On : 17 Jun 2022 22:04
 Operator : SY/MD
 Sample : N3278-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 01:18:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

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

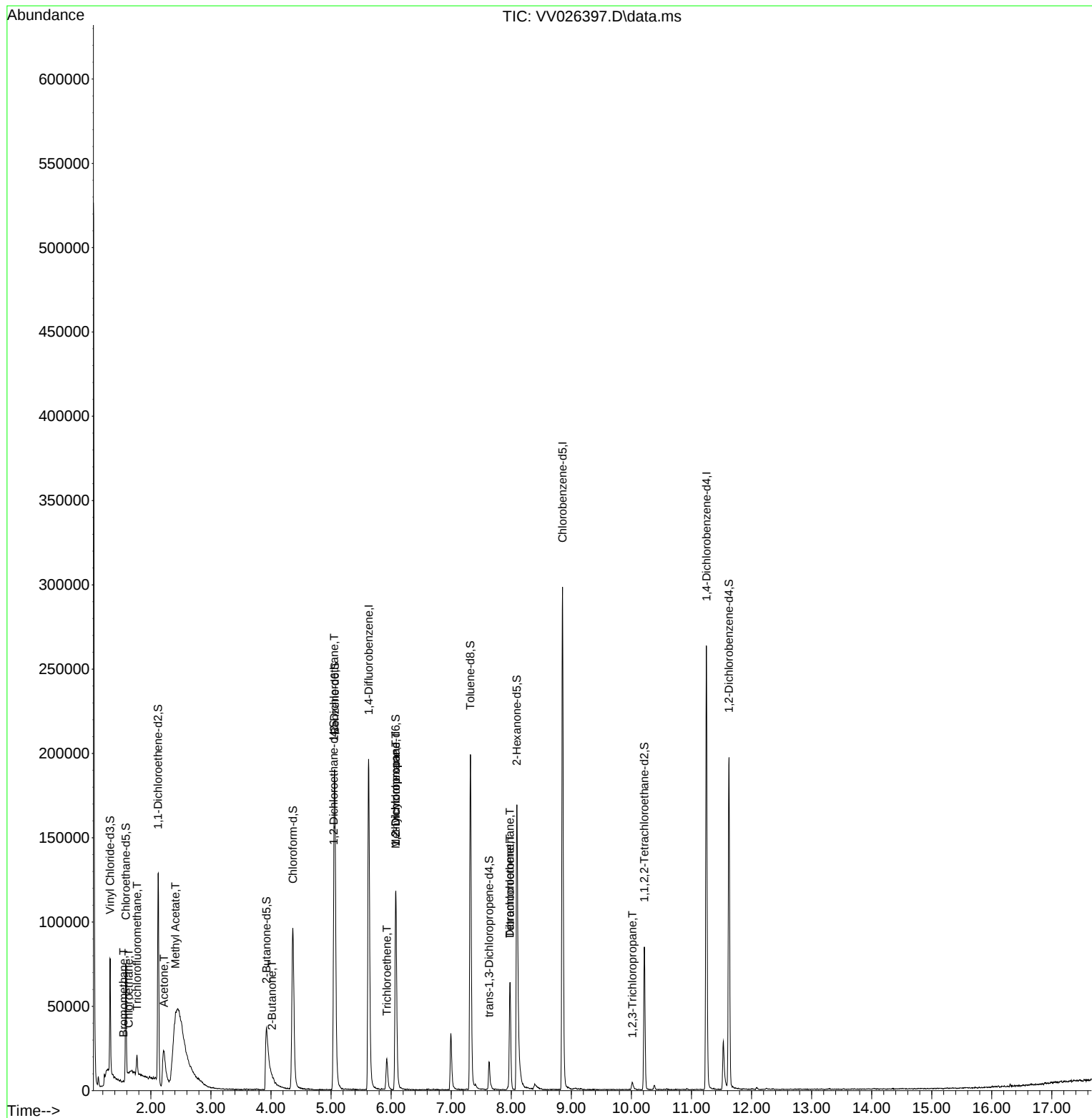
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	175934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	171279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	45940	3.006	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.584	69	44314	3.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.121	63	67589	2.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.600%#
20) 2-Butanone-d5	3.925	46	87245	58.512	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.020%
24) Chloroform-d	4.365	84	102502	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.043	65	43460	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.063	84	180095	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.079	67	59963	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.320	98	136103	3.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	7.632	79	11958	2.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.200%
46) 2-Hexanone-d5	8.092	63	59359	45.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42026	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	52191	4.700	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
6) Bromomethane	1.545	94	548	0.065	ug/L	92
8) Chloroethane	1.629	64	12367	1.312	ug/L #	51
9) Trichlorofluoromethane	1.770	101	6216	0.297	ug/L	98
13) Acetone	2.220	43	54464	47.133	ug/L	88
15) Methyl Acetate	2.410	43	13196	4.759	ug/L #	48
21) 2-Butanone	4.018	43	2083	1.393	ug/L	88
27) 1,2-Dichloroethane	5.053	62	966	0.095	ug/L #	71
34) Trichloroethene	5.931	95	6525	0.544	ug/L	93
35) Methylcyclohexane	6.076	83	14666	0.884	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	6051	0.527	ug/L #	88
47) Tetrachloroethene	7.979	164	15250	1.717	ug/L	99
49) Dibromochloromethane	7.979	129	13710	1.642	ug/L #	9
61) 1,2,3-Trichloropropane	10.014	75	2586	0.553	ug/L #	39

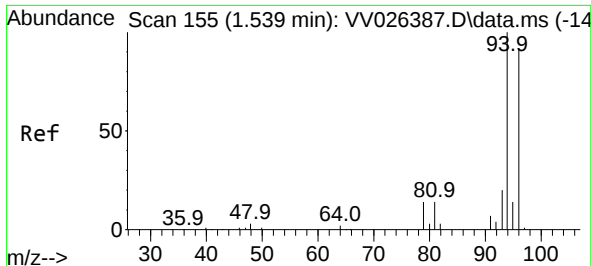
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
Data File : VV026397.D
Acq On : 17 Jun 2022 22:04
Operator : SY/MD
Sample : N3278-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 18 01:18:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 01:02:22 2022
Response via : Initial Calibration

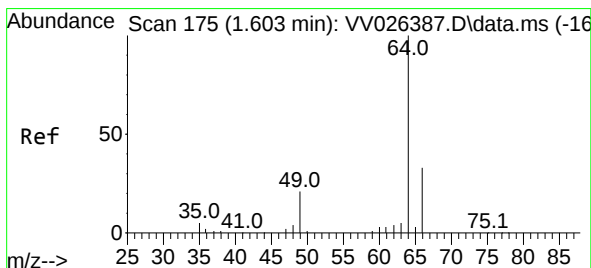
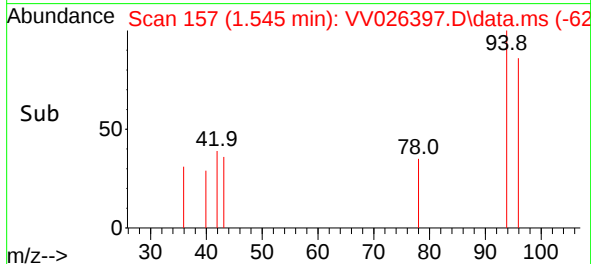
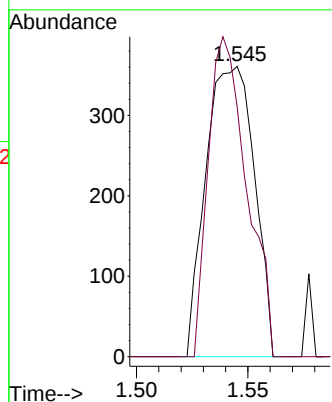
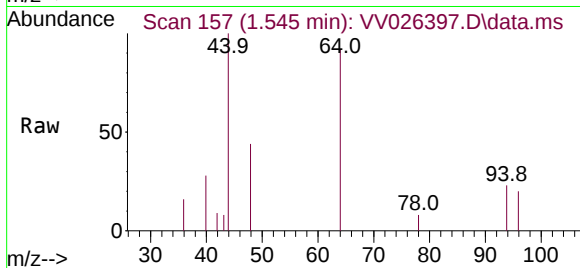




#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026397.D
Acq: 17 Jun 2022 22:04

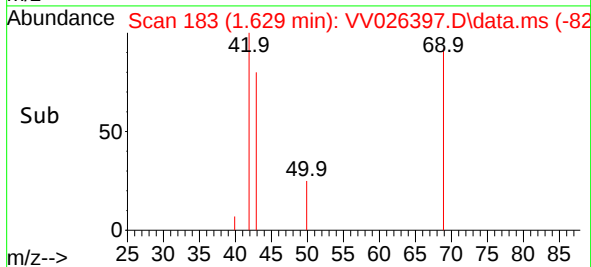
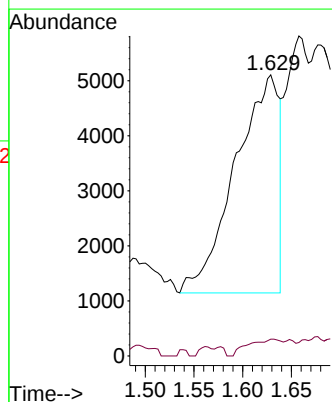
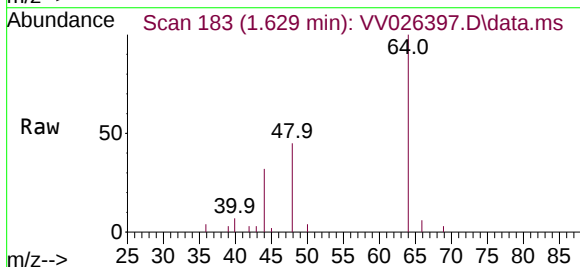
Instrument :
MSVOA_V
ClientSampleId :

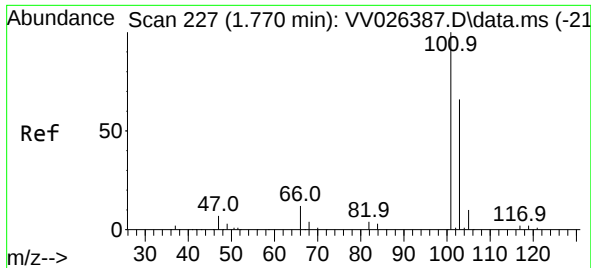
Tgt Ion: 94 Resp: 548
Ion Ratio Lower Upper
94 100
96 86.1 65.7 121.9



#8
Chloroethane
Concen: 1.312 ug/L
RT: 1.629 min Scan# 183
Delta R.T. 0.026 min
Lab File: VV026397.D
Acq: 17 Jun 2022 22:04

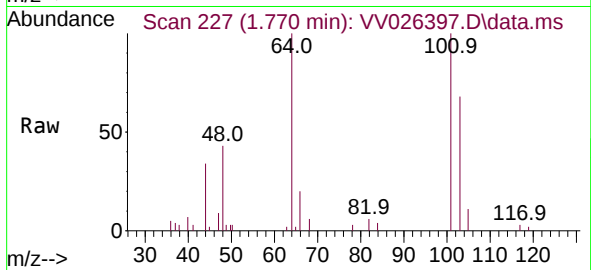
Tgt Ion: 64 Resp: 12367
Ion Ratio Lower Upper
64 100
66 6.0 24.1 44.7#



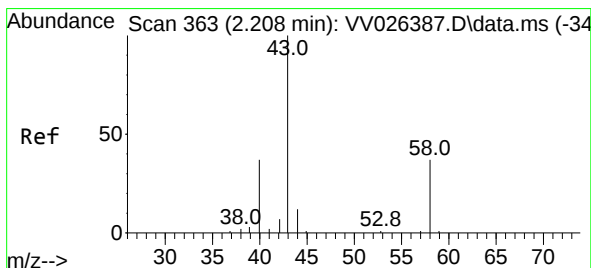
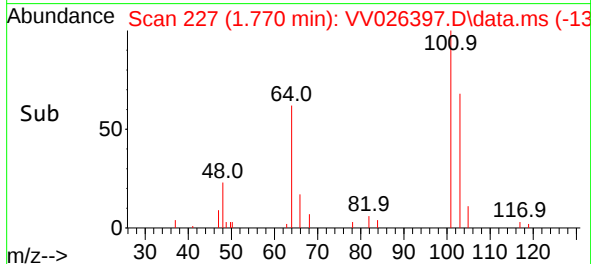
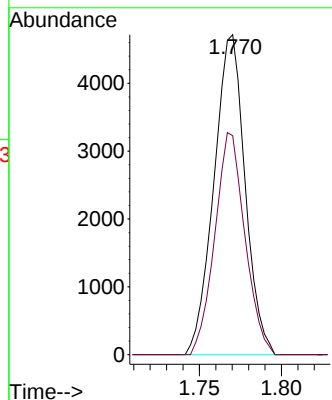


#9
 Trichlorofluoromethane
 Concen: 0.297 ug/L
 RT: 1.770 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026397.D
 Acq: 17 Jun 2022 22:04

Instrument :
 MSVOA_V
 ClientSampleId :

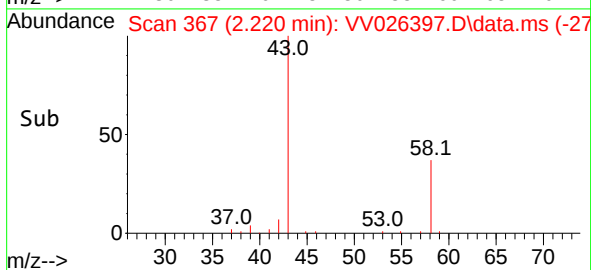
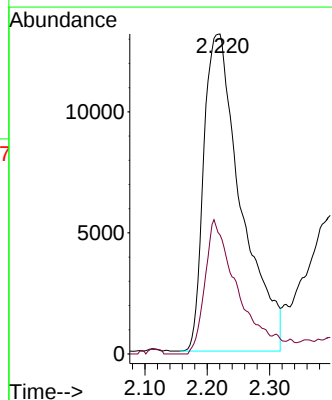
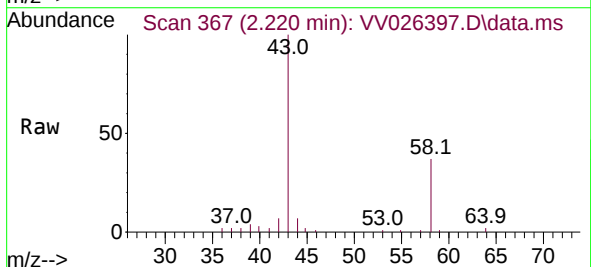


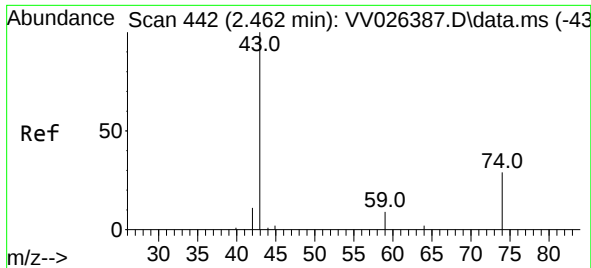
Tgt Ion:101 Resp: 6216
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.3 78.5



#13
 Acetone
 Concen: 47.133 ug/L
 RT: 2.220 min Scan# 367
 Delta R.T. 0.013 min
 Lab File: VV026397.D
 Acq: 17 Jun 2022 22:04

Tgt Ion: 43 Resp: 54464
 Ion Ratio Lower Upper
 43 100
 58 36.2 0.0 60.0

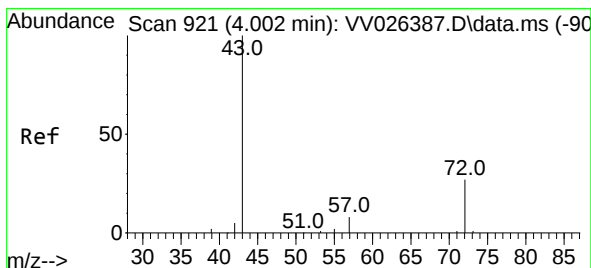
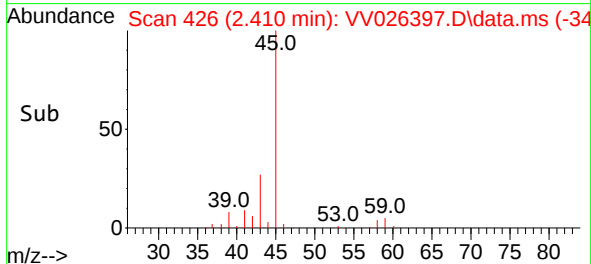
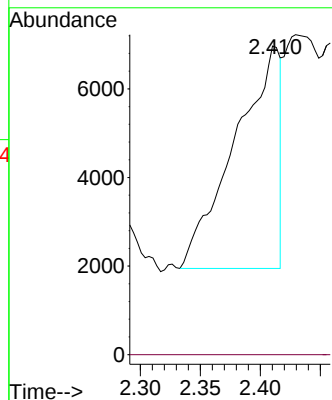
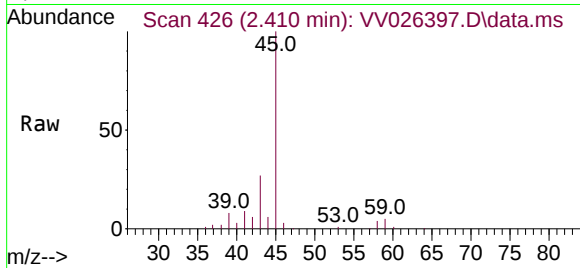




#15
Methyl Acetate
Concen: 4.759 ug/L
RT: 2.410 min Scan# 41
Delta R.T. -0.052 min
Lab File: VV026397.D
Acq: 17 Jun 2022 22:04

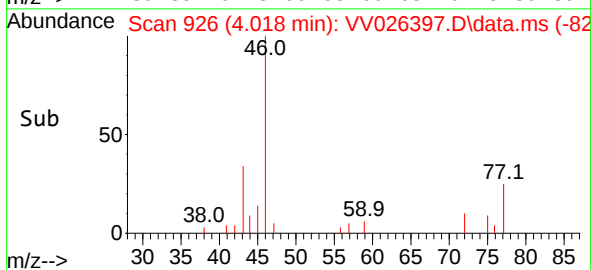
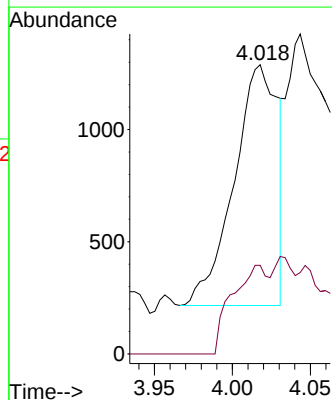
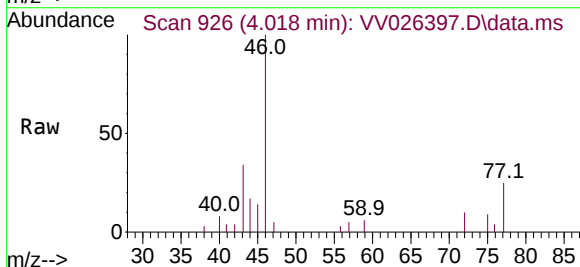
Instrument :
MSVOA_V
ClientSampleId :

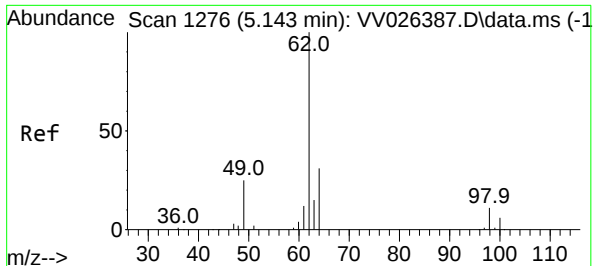
Tgt Ion: 43 Resp: 13196
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#21
2-Butanone
Concen: 1.393 ug/L
RT: 4.018 min Scan# 926
Delta R.T. 0.016 min
Lab File: VV026397.D
Acq: 17 Jun 2022 22:04

Tgt Ion: 43 Resp: 2083
Ion Ratio Lower Upper
43 100
72 31.2 12.7 38.0





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV026397.D

Acq: 17 Jun 2022 22:04

Instrument :

MSVOA_V

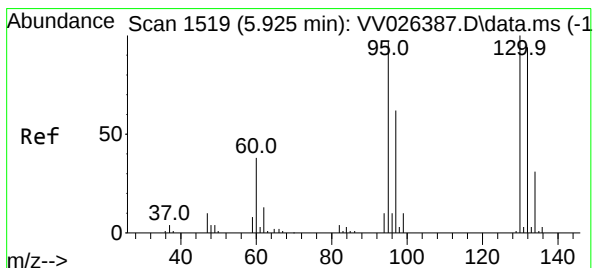
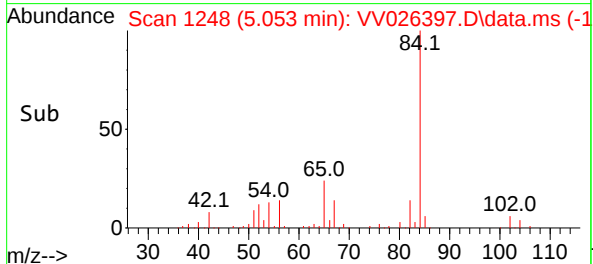
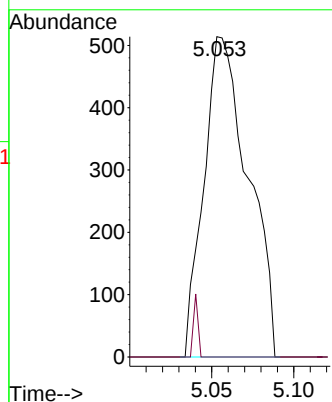
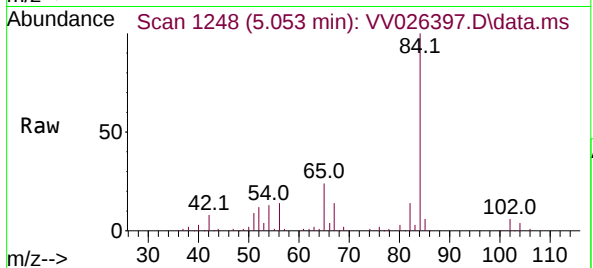
ClientSampleId :

Tgt Ion: 62 Resp: 966

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 0.544 ug/L

RT: 5.931 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VV026397.D

Acq: 17 Jun 2022 22:04

Tgt Ion: 95 Resp: 6525

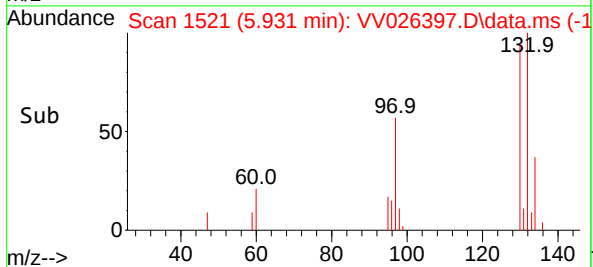
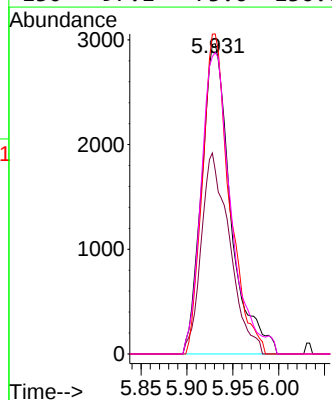
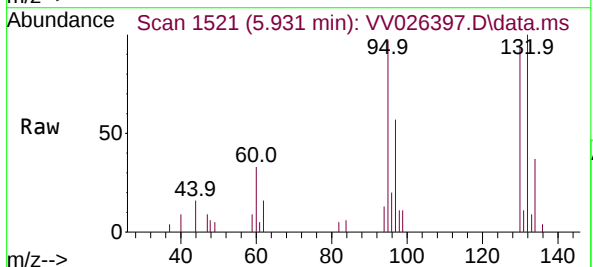
Ion Ratio Lower Upper

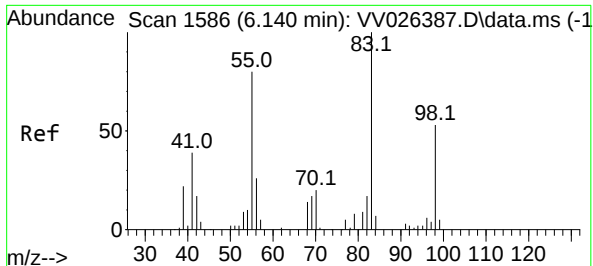
95 100

97 59.2 46.5 86.3

132 103.1 68.8 127.8

130 97.1 73.6 136.6





#35

Methylcyclohexane

Concen: 0.884 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.064 min

Lab File: VV026397.D

Acq: 17 Jun 2022 22:04

Instrument :

MSVOA_V

ClientSampleId :

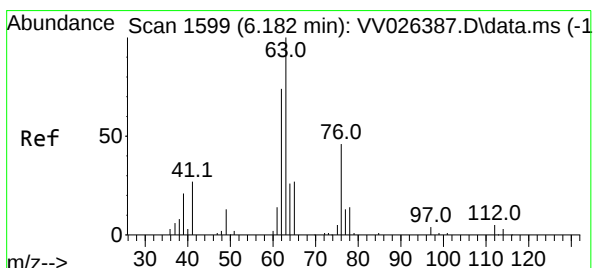
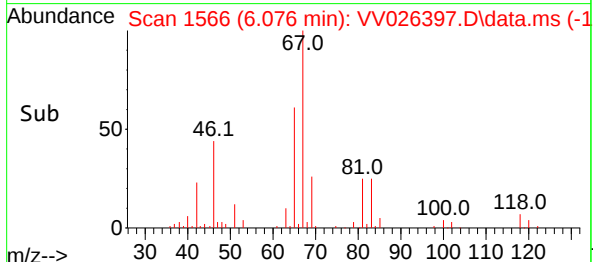
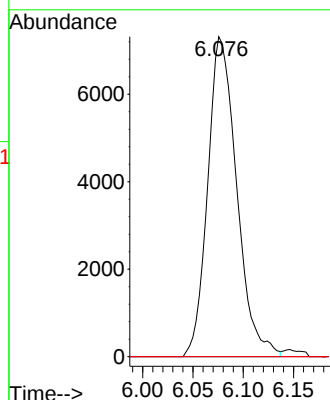
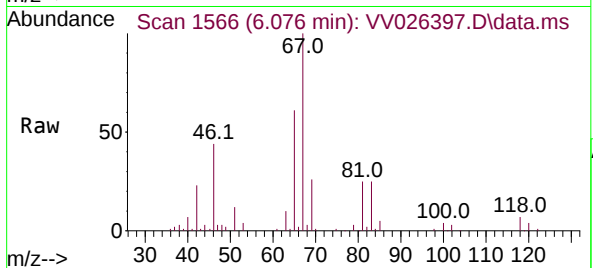
Tgt Ion: 83 Resp: 14666

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 3.0 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.103 min

Lab File: VV026397.D

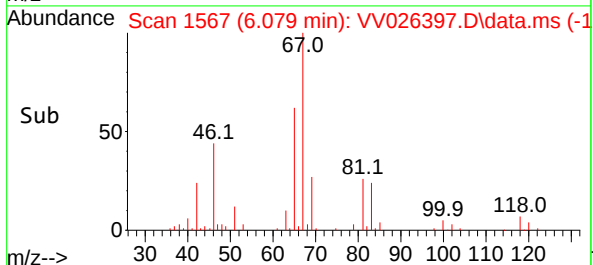
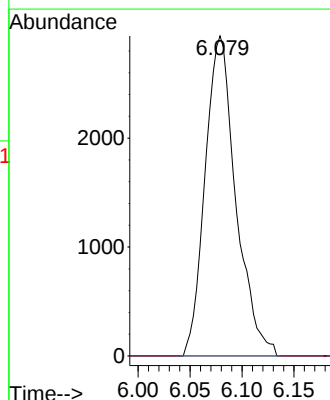
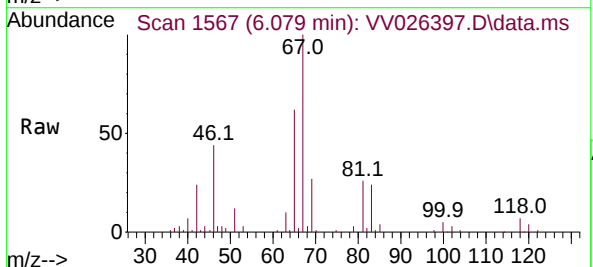
Acq: 17 Jun 2022 22:04

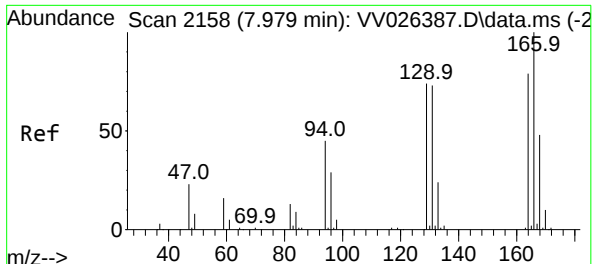
Tgt Ion: 63 Resp: 6051

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 1.717 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

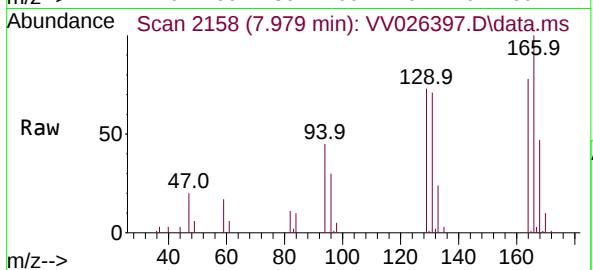
Lab File: VV026397.D

Acq: 17 Jun 2022 22:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 15250

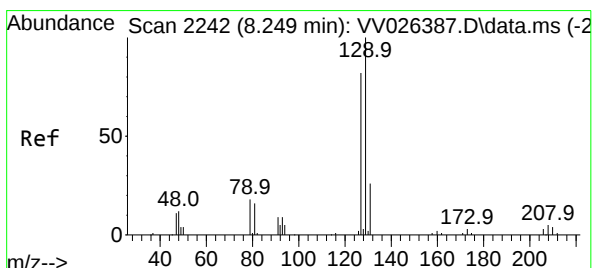
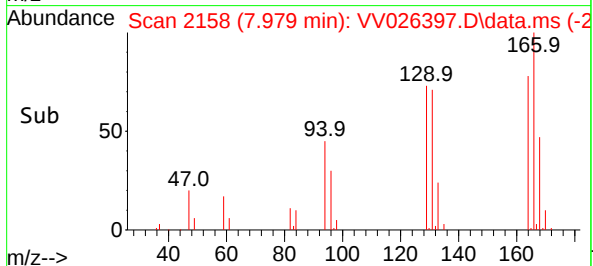
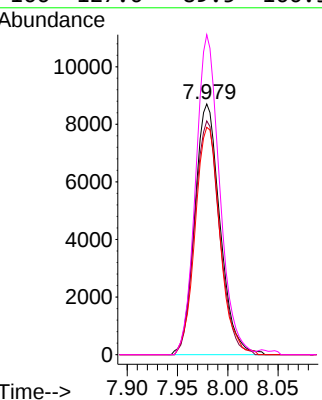
Ion Ratio Lower Upper

164 100

129 93.2 67.5 125.3

131 90.7 63.8 118.4

166 127.6 89.5 166.3



#49

Dibromochloromethane

Concen: 1.642 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV026397.D

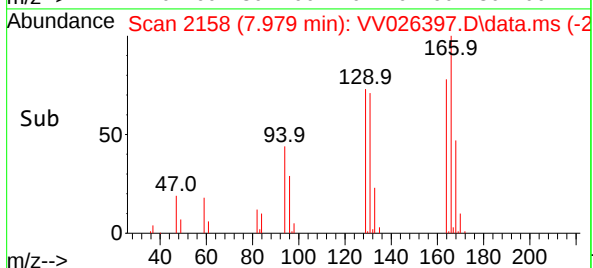
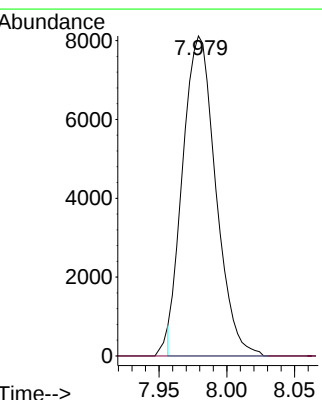
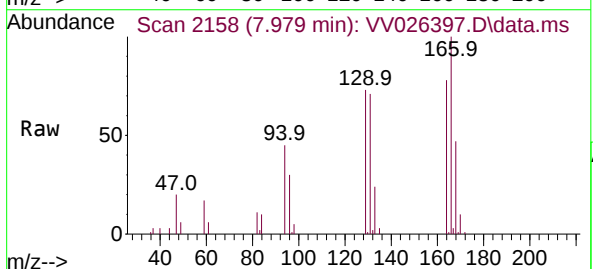
Acq: 17 Jun 2022 22:04

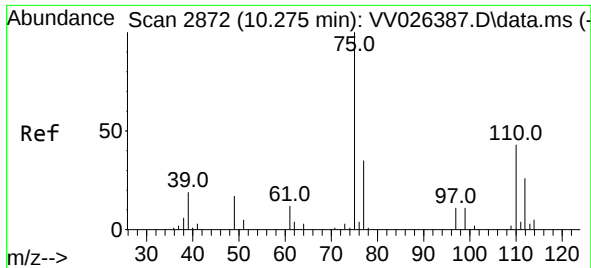
Tgt Ion:129 Resp: 13710

Ion Ratio Lower Upper

129 100

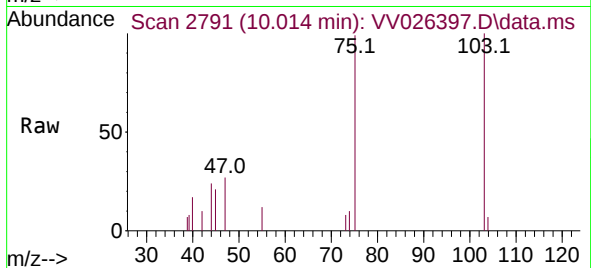
127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.553 ug/L
 RT: 10.014 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VV026397.D
 Acq: 17 Jun 2022 22:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp: 2586
Ion Ratio	Lower Upper
75	100
77	0.0 26.9 40.3#
110	0.0 30.7 46.1#

