

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026627.D
 Acq On : 01 Jul 2022 14:15
 Operator : SY/MD
 Sample : N3506-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH4

Quant Time: Jul 04 02:04:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	225627	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	215565	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	53536	2.950	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.584	69	50596	3.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.121	63	75859	2.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.928	46	104110	57.711	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.420%
24) Chloroform-d	4.362	84	116585	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.047	65	51868	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.060	84	215456	3.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.076	67	70570	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.320	98	176151	3.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
43) trans-1,3-Dichloroprop...	7.632	79	18280	4.153	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.095	63	77977	46.516	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51444	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	65040	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1866	0.099	ug/L	94
6) Bromomethane	1.539	94	695	0.064	ug/L	79
8) Chloroethane	1.610	64	3404	0.250	ug/L #	60
13) Acetone	2.220	43	14694	12.839	ug/L	55
14) Carbon disulfide	2.307	76	4565	0.114	ug/L #	89
16) Methylene chloride	2.526	84	11132	0.688	ug/L	98
17) Methyl tert-butyl Ether	2.790	73	6445	0.259	ug/L #	34
23) Bromochloromethane	4.272	128	8211	1.291	ug/L	94
25) Chloroform	4.391	83	52982	1.774	ug/L	99
33) Benzene	5.121	78	5334	0.085	ug/L	100
35) Methylcyclohexane	6.076	83	17765	0.726	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	7488	0.494	ug/L #	87
38) Bromodichloromethane	6.526	83	1548	0.086	ug/L #	93
39) cis-1,3-Dichloropropene	6.995	75	1137	0.075	ug/L #	39
42) Toluene	7.394	91	81919	1.261	ug/L	100
47) Tetrachloroethene	7.982	164	4102	0.311	ug/L	96
49) Dibromochloromethane	8.249	129	657	0.068	ug/L	92
61) 1,2,3-Trichloropropane	11.246	75	9942	1.699	ug/L #	66

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C0AH4

Quant Time: Jul 04 02:04:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration

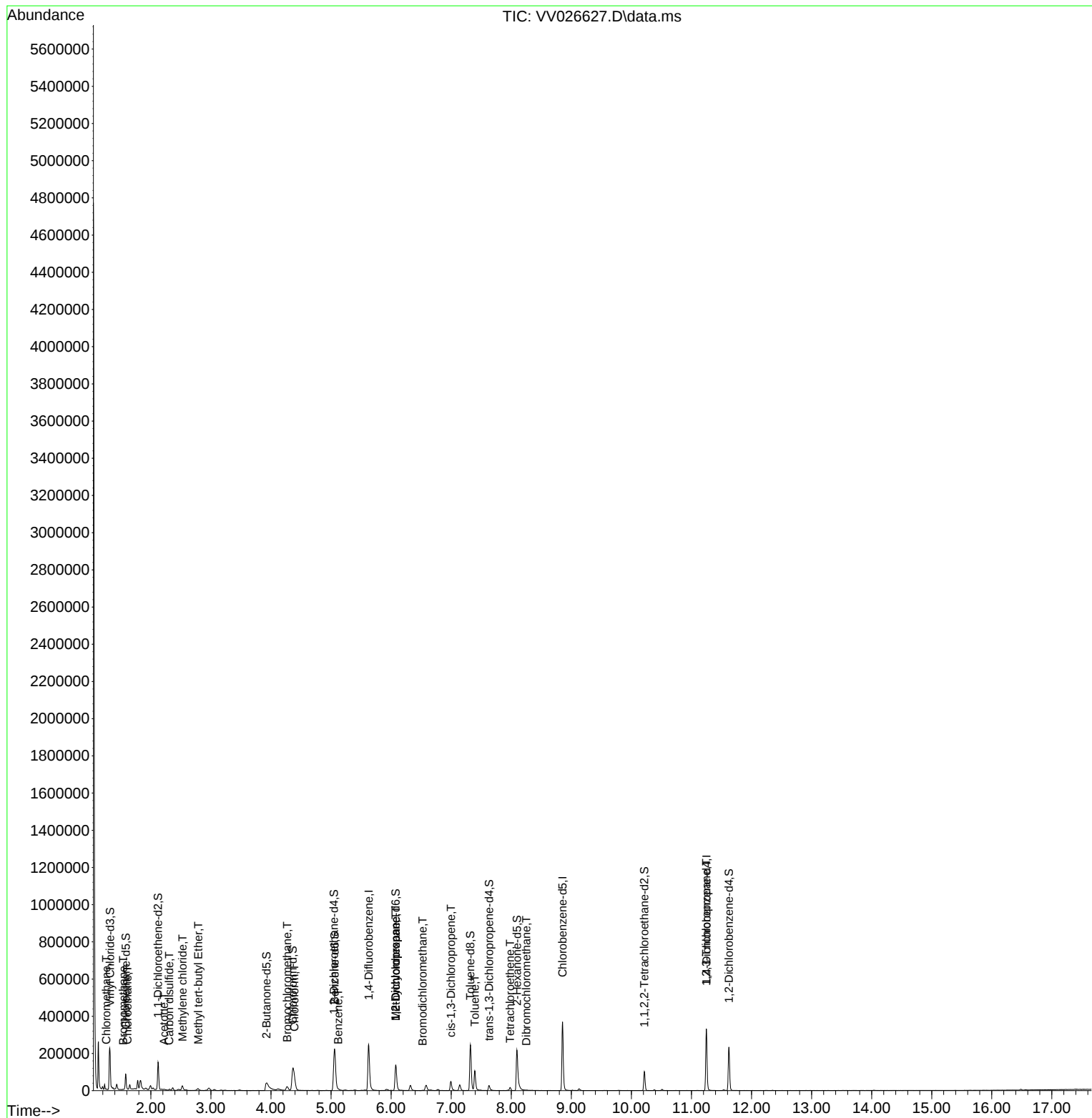
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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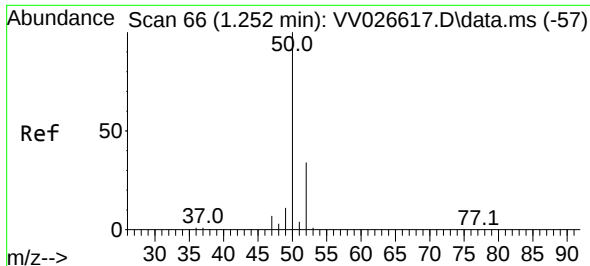
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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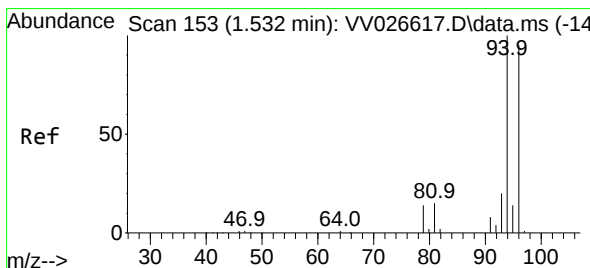
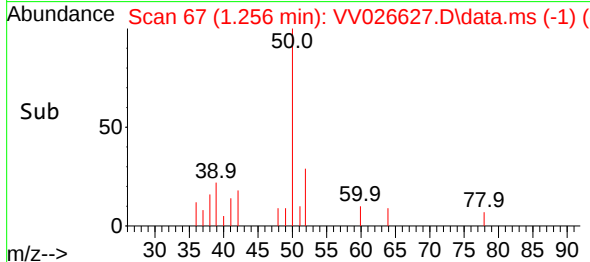
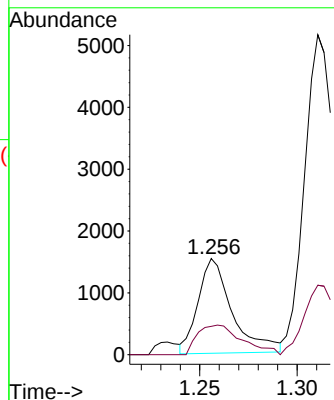
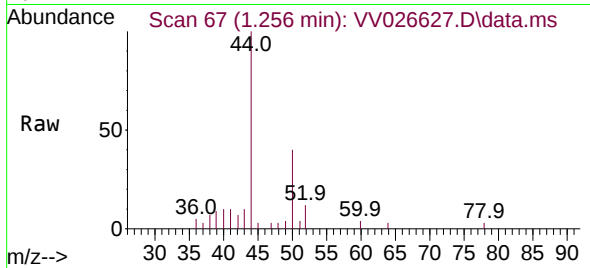




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

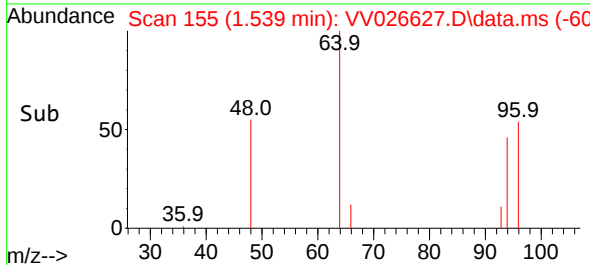
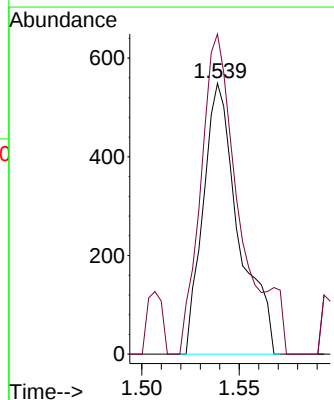
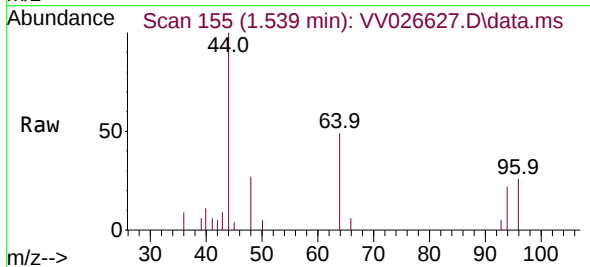
Instrument :
MSVOA_V
ClientSampleId :
C0AH4

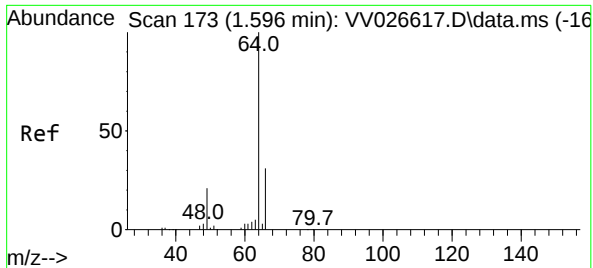
Tgt Ion: 50 Resp: 1866
Ion Ratio Lower Upper
50 100
52 29.4 23.0 42.6



#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.007 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

Tgt Ion: 94 Resp: 695
Ion Ratio Lower Upper
94 100
96 118.2 68.0 126.2

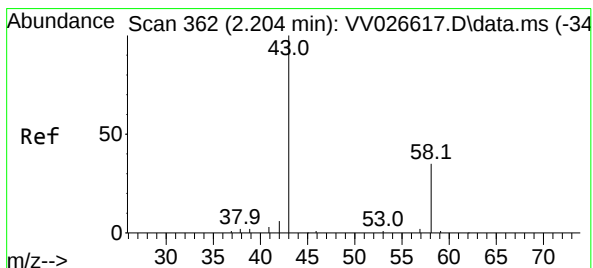
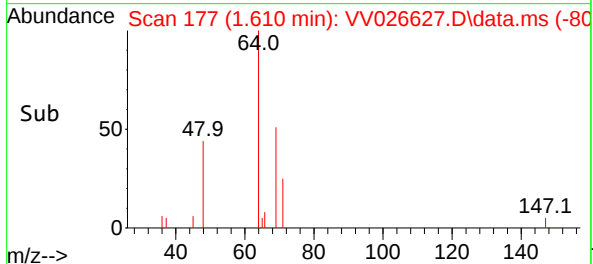
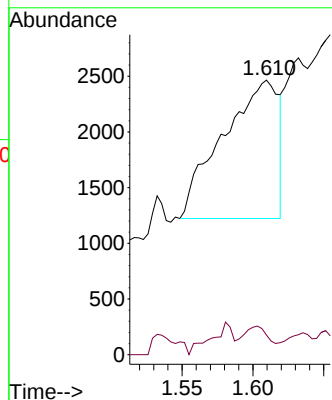
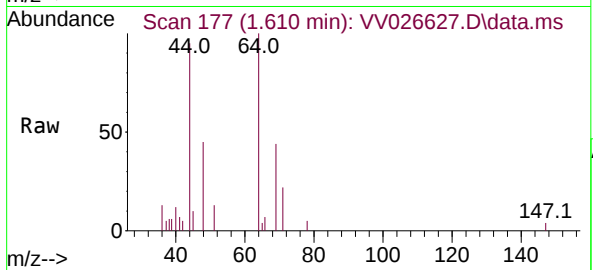




#8
Chloroethane
Concen: 0.250 ug/L
RT: 1.610 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

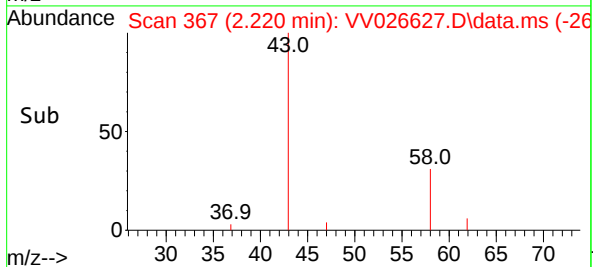
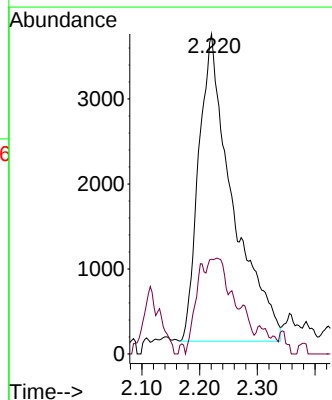
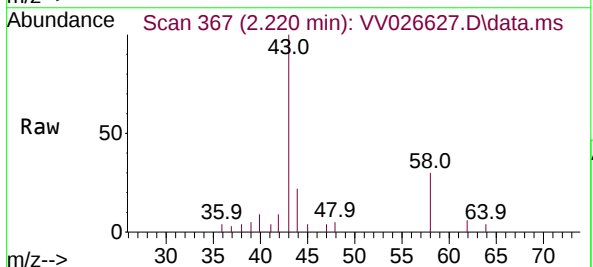
Instrument :
MSVOA_V
ClientSampleId :
C0AH4

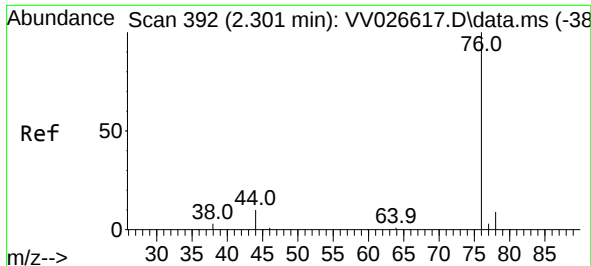
Tgt Ion: 64 Resp: 3404
Ion Ratio Lower Upper
64 100
66 7.2 20.0 37.2#



#13
Acetone
Concen: 12.839 ug/L
RT: 2.220 min Scan# 367
Delta R.T. 0.016 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

Tgt Ion: 43 Resp: 14694
Ion Ratio Lower Upper
43 100
58 10.5 0.0 75.0





#14

Carbon disulfide

Concen: 0.114 ug/L

RT: 2.307 min Scan# 392

Delta R.T. 0.007 min

Lab File: VV026627.D

Acq: 01 Jul 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

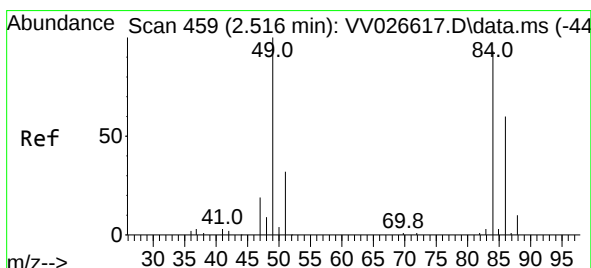
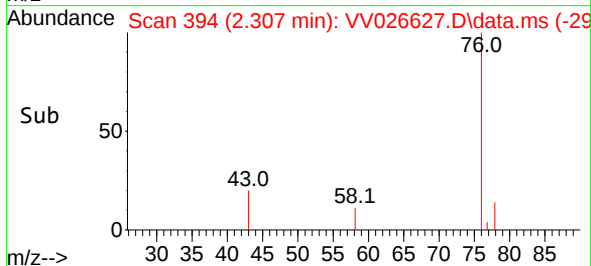
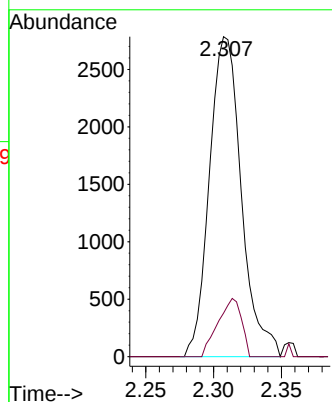
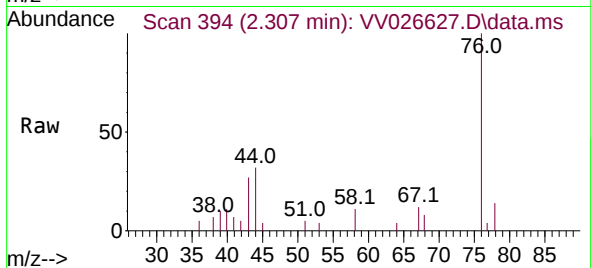
C0AH4

Tgt Ion: 76 Resp: 4565

Ion Ratio Lower Upper

76 100

78 13.6 7.8 11.6#



#16

Methylene chloride

Concen: 0.688 ug/L

RT: 2.526 min Scan# 462

Delta R.T. 0.010 min

Lab File: VV026627.D

Acq: 01 Jul 2022 14:15

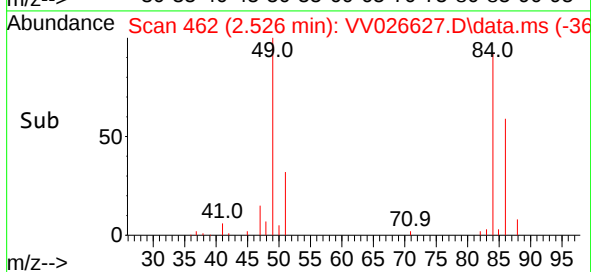
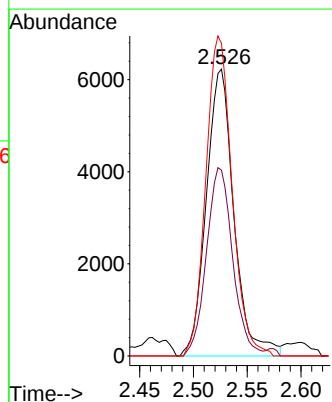
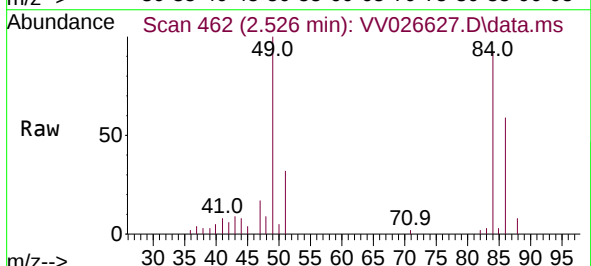
Tgt Ion: 84 Resp: 11132

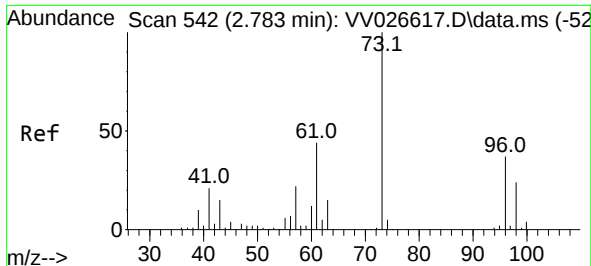
Ion Ratio Lower Upper

84 100

86 64.8 46.0 85.4

49 109.0 77.7 144.3

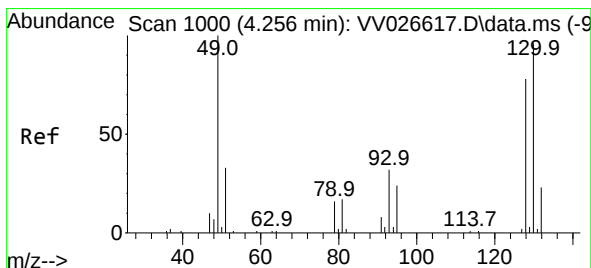
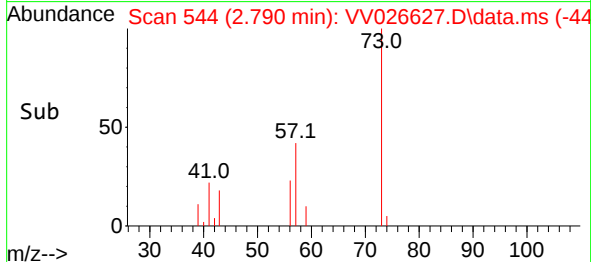
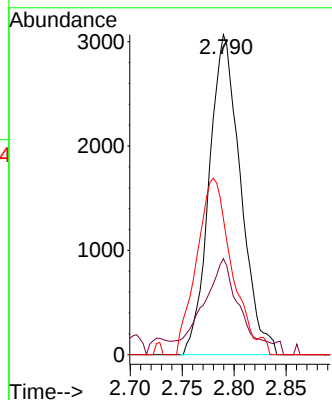
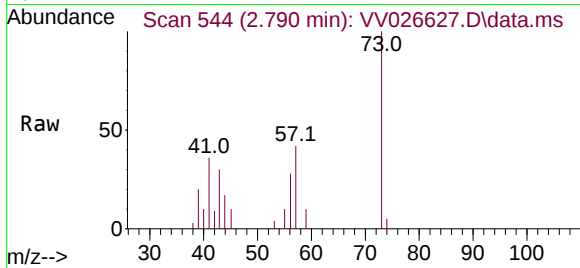




#17
Methyl tert-butyl Ether
Concen: 0.259 ug/L
RT: 2.790 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

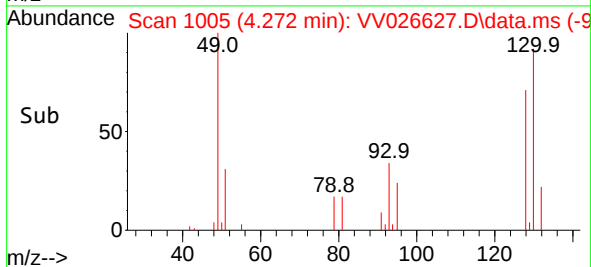
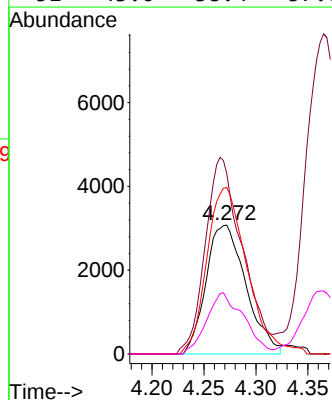
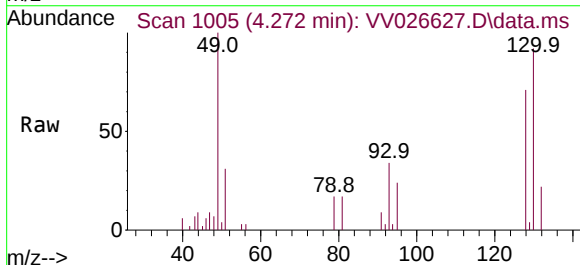
Instrument :
MSVOA_V
ClientSampleId :
C0AH4

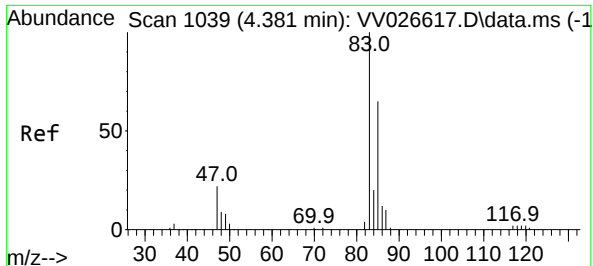
Tgt Ion: 73 Resp: 6445
Ion Ratio Lower Upper
73 100
43 36.1 13.3 19.9#
57 60.6 17.2 25.8#



#23
Bromochloromethane
Concen: 1.291 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.016 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

Tgt Ion: 128 Resp: 8211
Ion Ratio Lower Upper
128 100
49 140.1 104.0 193.1
130 129.2 93.4 173.6
51 43.0 38.4 57.6





#25

Chloroform

Concen: 1.774 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.010 min

Lab File: VV026627.D

Acq: 01 Jul 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

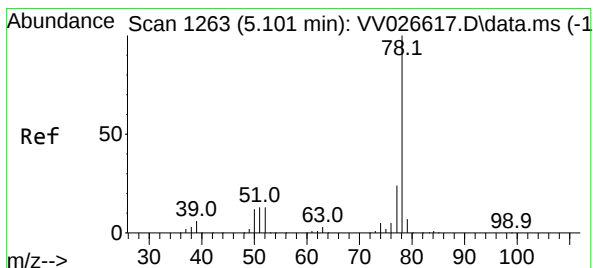
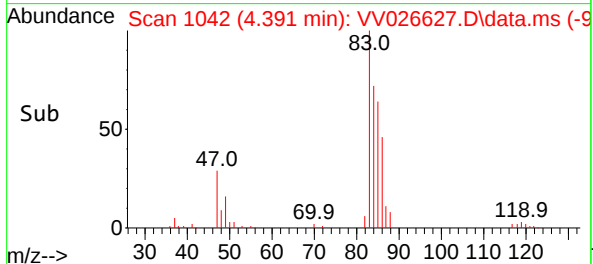
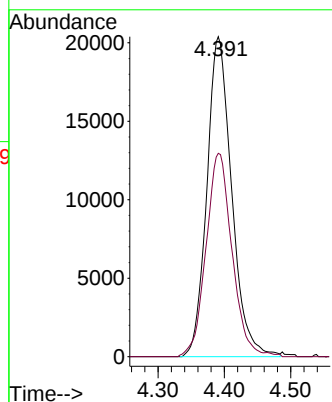
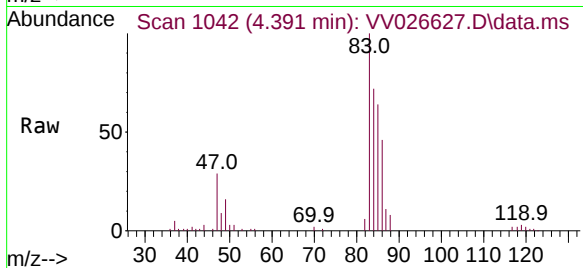
C0AH4

Tgt Ion: 83 Resp: 52982

Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.8



#33

Benzene

Concen: 0.085 ug/L

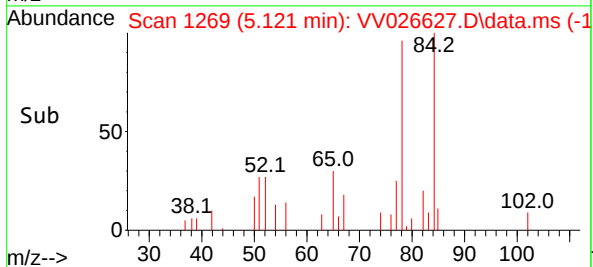
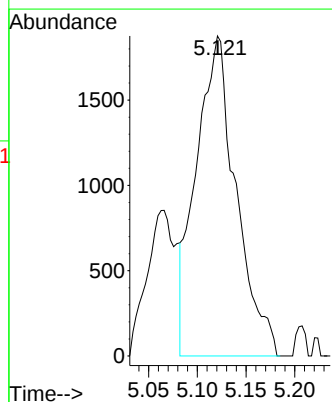
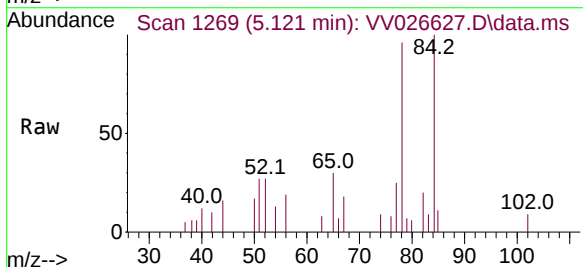
RT: 5.121 min Scan# 1269

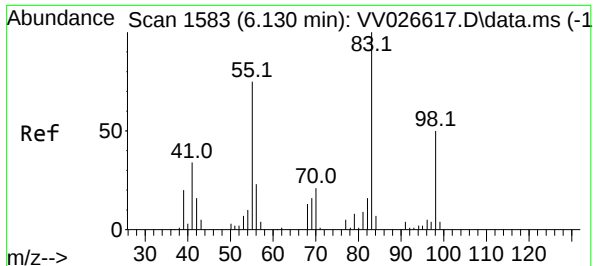
Delta R.T. 0.020 min

Lab File: VV026627.D

Acq: 01 Jul 2022 14:15

Tgt Ion: 78 Resp: 5334





#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.054 min

Lab File: VV026627.D

Acq: 01 Jul 2022 14:15

Instrument :

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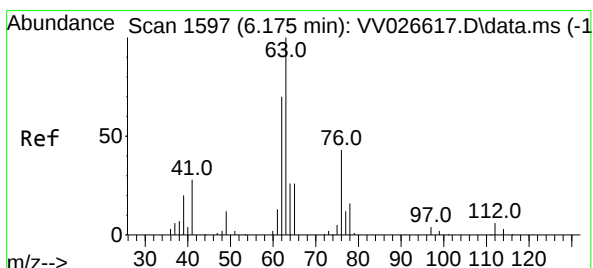
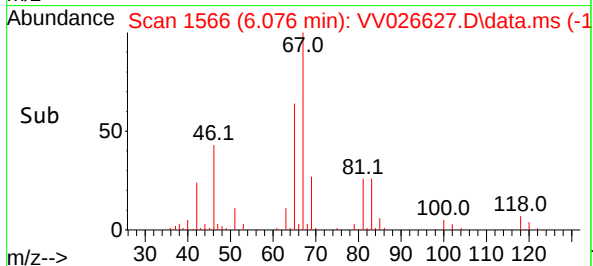
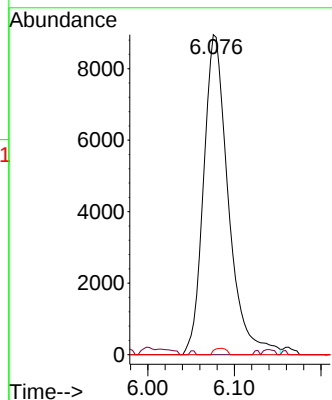
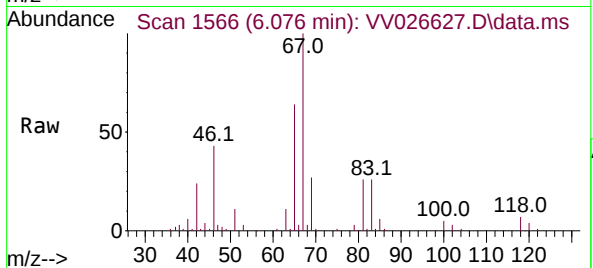
Tgt Ion: 83 Resp: 17765

Ion Ratio Lower Upper

83 100

55 0.2 57.0 85.4#

98 1.0 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.494 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.099 min

Lab File: VV026627.D

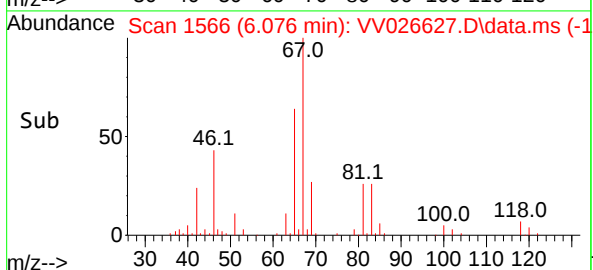
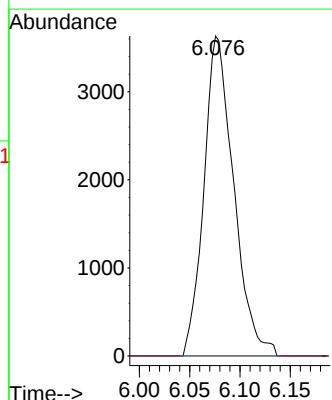
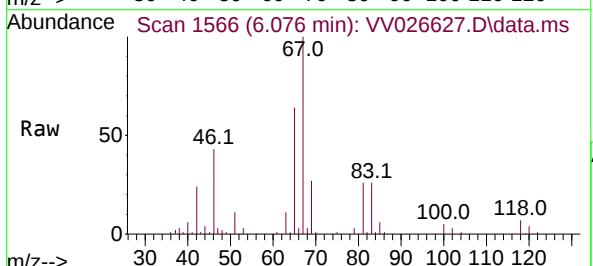
Acq: 01 Jul 2022 14:15

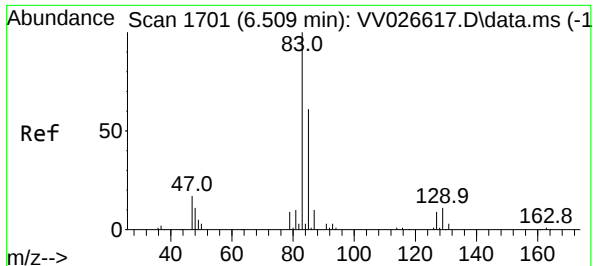
Tgt Ion: 63 Resp: 7488

Ion Ratio Lower Upper

63 100

112 0.9 4.2 6.4#

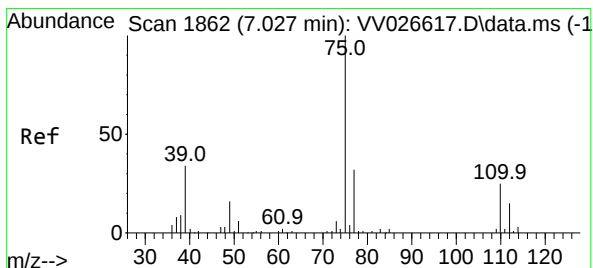
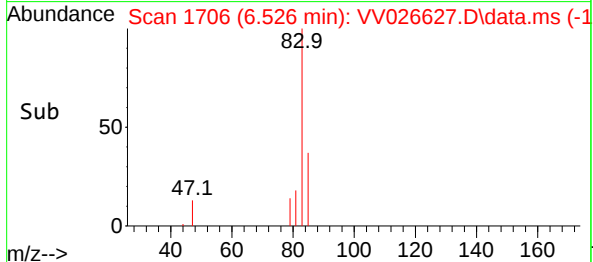
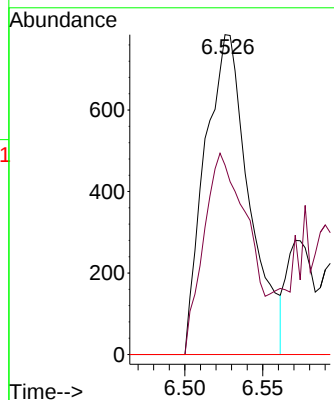
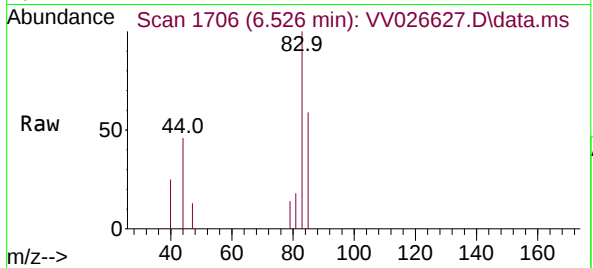




#38
Bromodichloromethane
Concen: 0.086 ug/L
RT: 6.526 min Scan# 1706
Delta R.T. 0.016 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

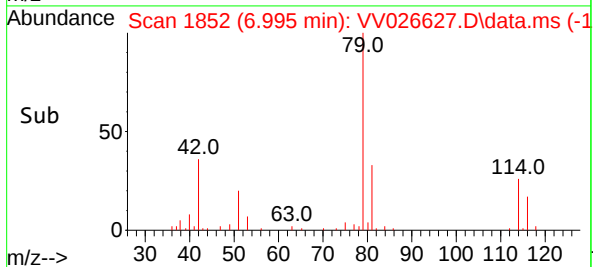
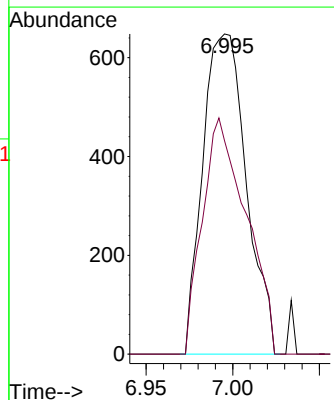
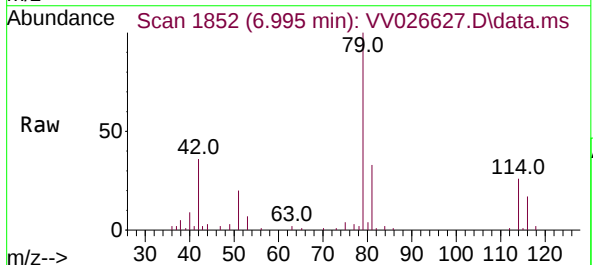
Instrument :
MSVOA_V
ClientSampleId :
C0AH4

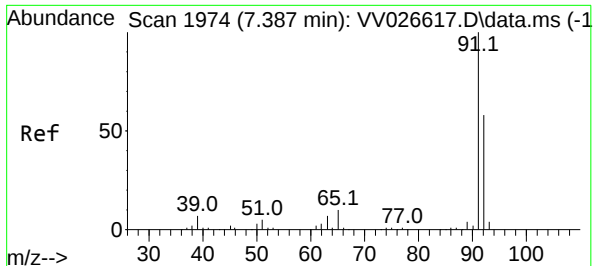
Tgt Ion: 83 Resp: 1548
Ion Ratio Lower Upper
83 100
85 59.2 44.0 81.8
127 0.0 6.6 10.0#



#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

Tgt Ion: 75 Resp: 1137
Ion Ratio Lower Upper
75 100
77 66.7 22.8 42.4#

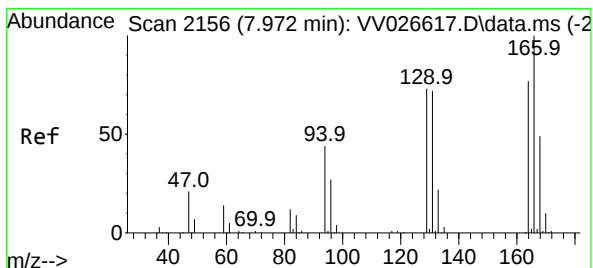
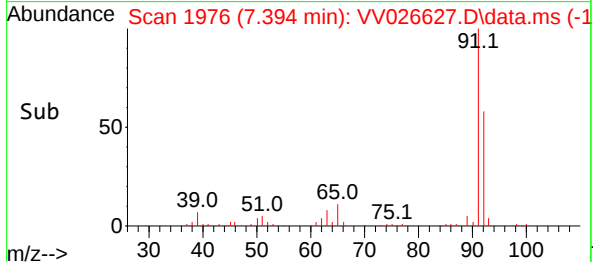
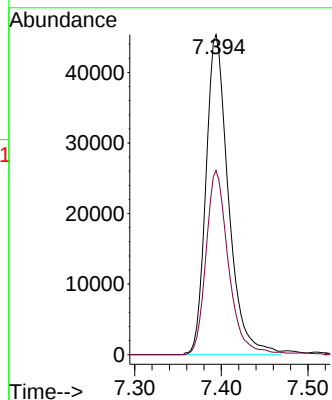
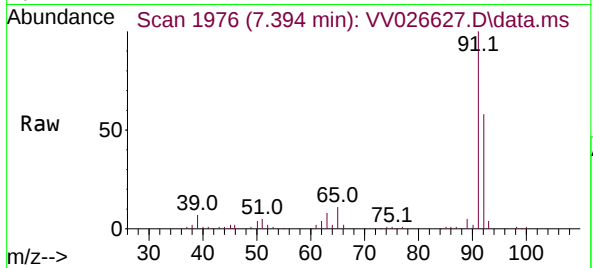




#42
Toluene
Concen: 1.261 ug/L
RT: 7.394 min Scan# 1974
Delta R.T. 0.007 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

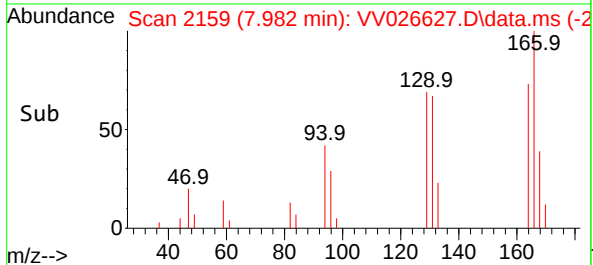
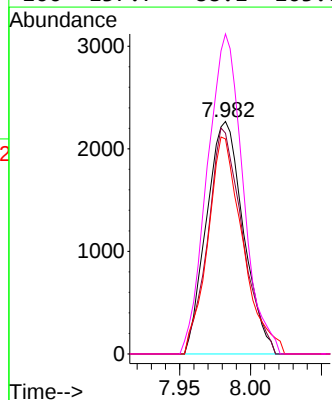
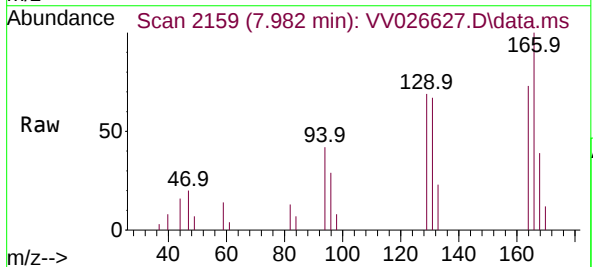
Instrument :
MSVOA_V
ClientSampleId :
C0AH4

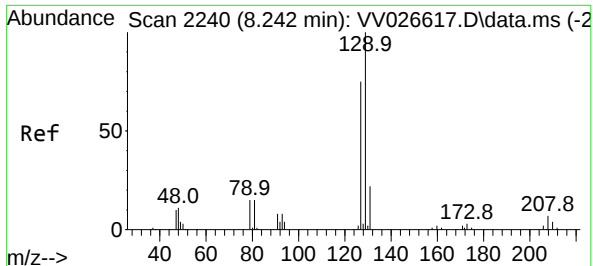
Tgt Ion: 91 Resp: 81919
Ion Ratio Lower Upper
91 100
92 57.6 40.3 74.9



#47
Tetrachloroethene
Concen: 0.311 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

Tgt Ion: 164 Resp: 4102
Ion Ratio Lower Upper
164 100
129 95.0 66.4 123.2
131 92.5 64.4 119.6
166 137.7 88.1 163.7





#49

Dibromochloromethane

Concen: 0.068 ug/L

RT: 8.249 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV026627.D

Acq: 01 Jul 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

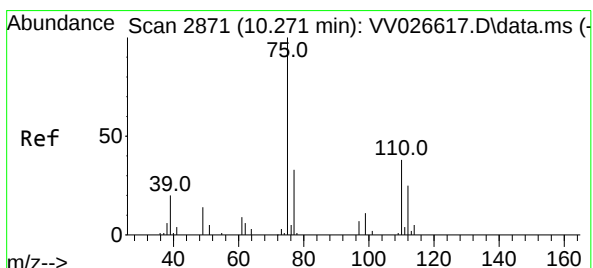
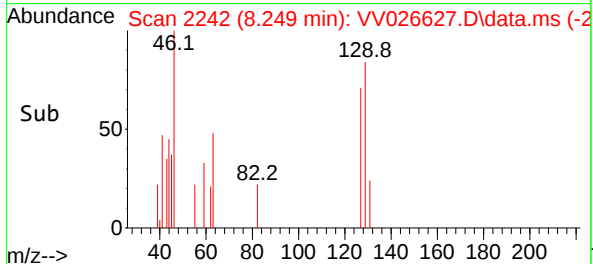
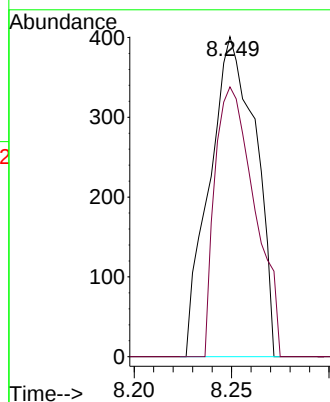
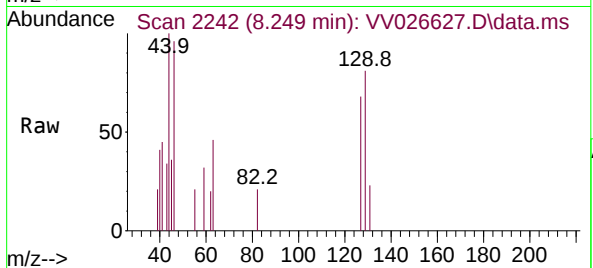
C0AH4

Tgt Ion:129 Resp: 657

Ion Ratio Lower Upper

129 100

127 84.3 54.2 100.6



#61

1,2,3-Trichloropropane

Concen: 1.699 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026627.D

Acq: 01 Jul 2022 14:15

Tgt Ion: 75 Resp: 9942

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

110 2.8 32.5 48.7#

