

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 :
 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)

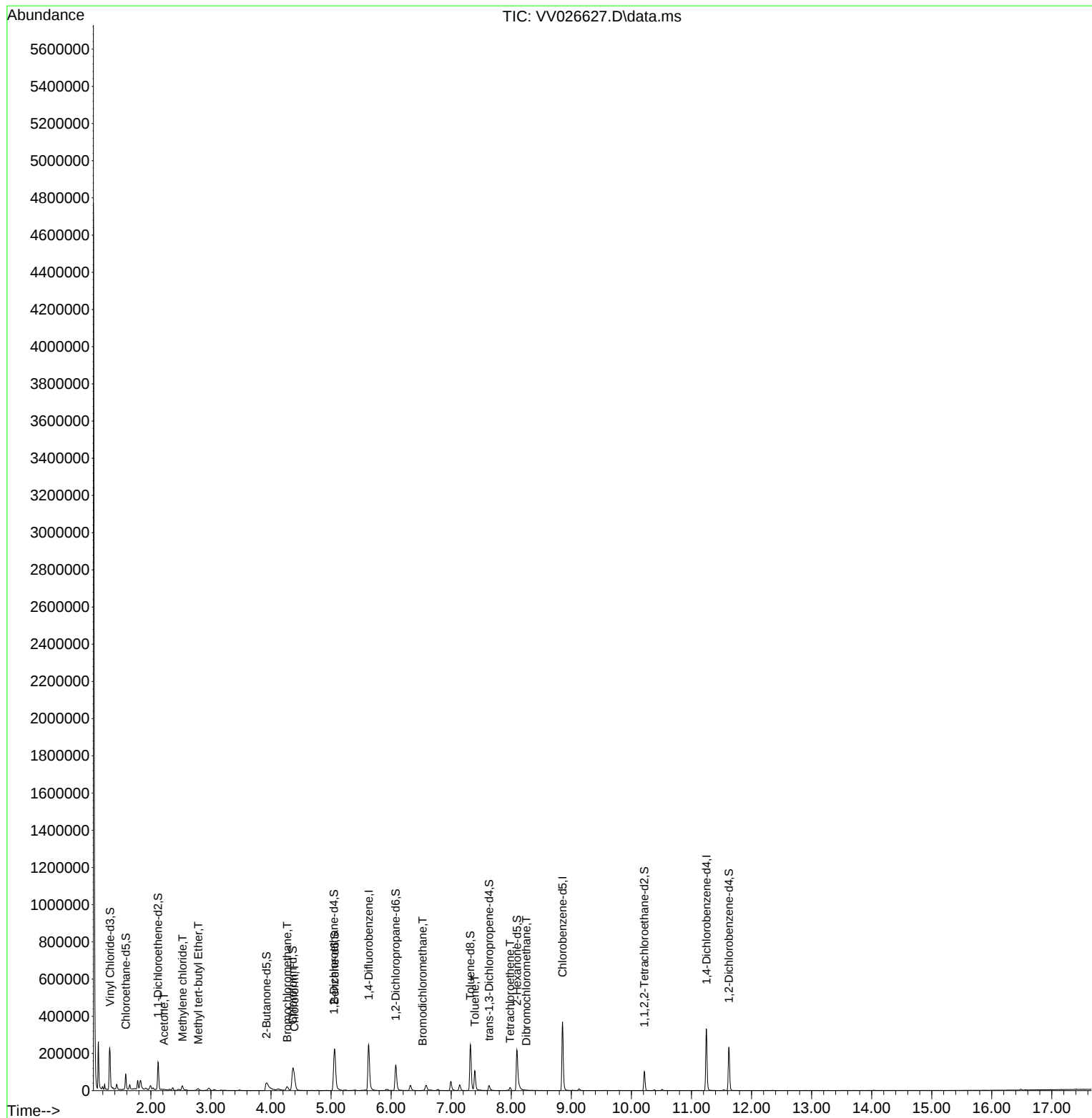
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	225627	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	215565	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	53536	2.950	ug/L	0.00
Spiked Amount	5.000	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
13) Acetone	2.220	43	14694	12.839	ug/L	55
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
38) Bromodichloromethane	6.526	83	1548	0.086	ug/L #	93
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

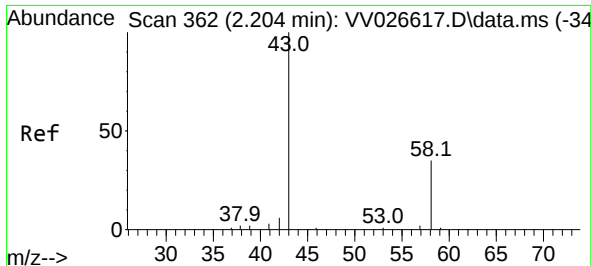
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration





#13

Acetone

Concen: 12.839 ug/L

RT: 2.220 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV026627.D

Acq: 01 Jul 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

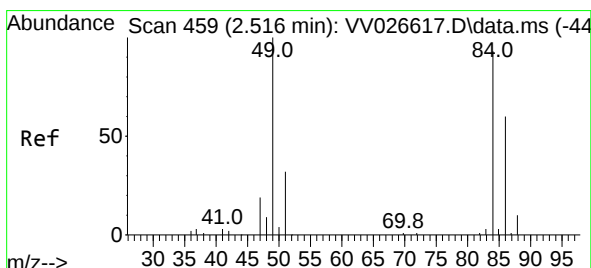
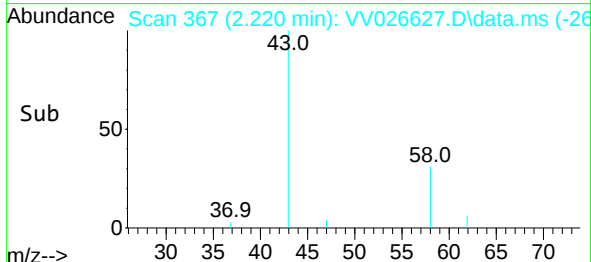
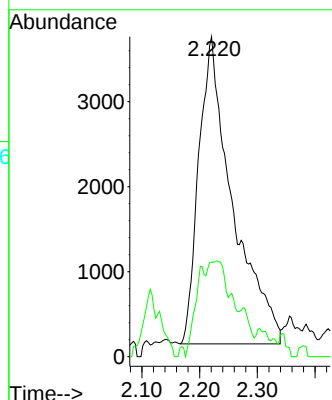
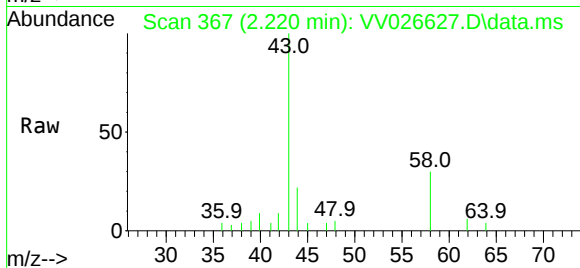
C0AH4

Tgt Ion: 43 Resp: 14694

Ion Ratio Lower Upper

43 100

58 10.5 0.0 75.0



#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

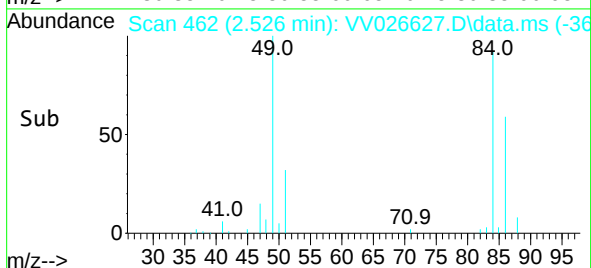
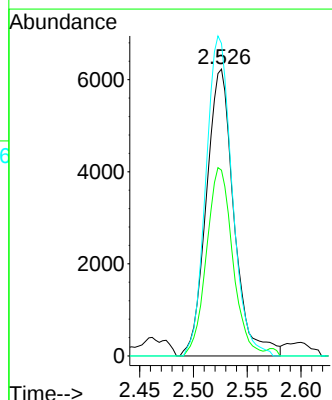
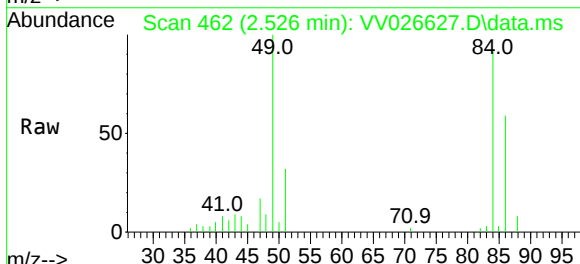
Tgt Ion: 84 Resp: 11132

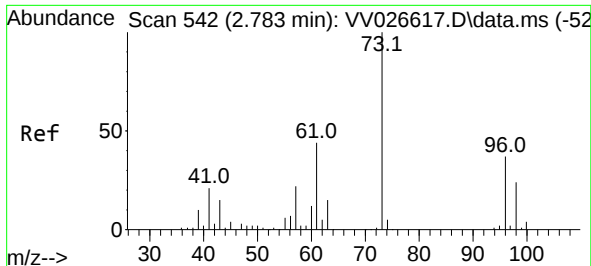
Ion Ratio Lower Upper

84 100

86 64.8 46.0 85.4

49 109.0 77.7 144.3

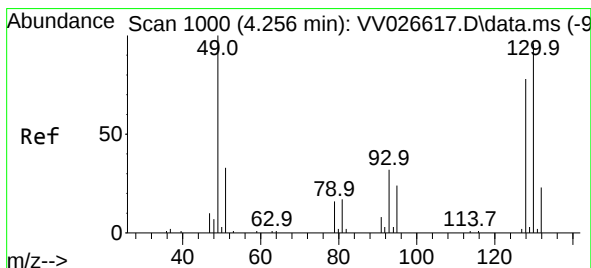
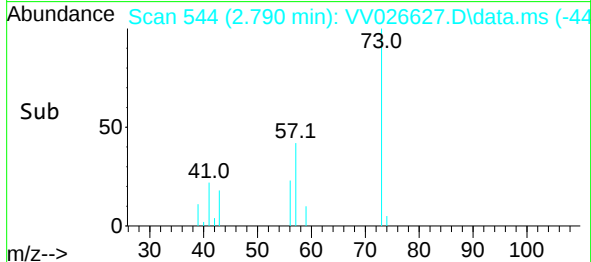
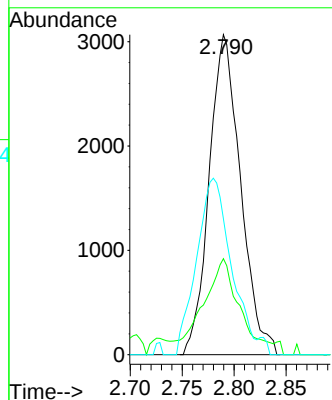
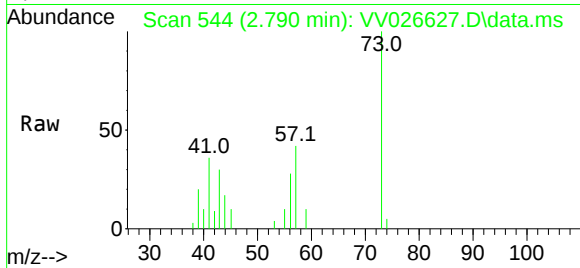




#17
Methyl tert-butyl Ether
Concen: 0.259 ug/L
RT: 2.790 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

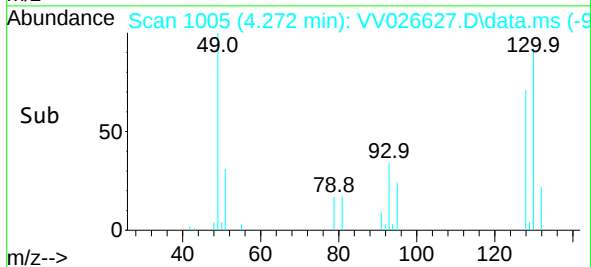
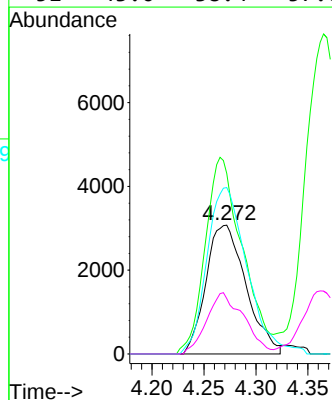
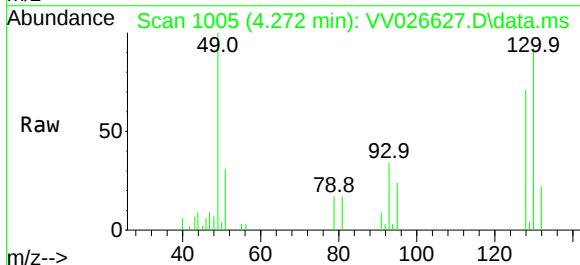
Instrument :
MSVOA_V
ClientSampleId :
C0AH4

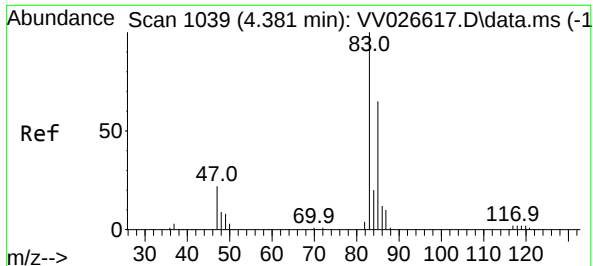
Tgt Ion: 73 Resp: 6445
Ion Ratio Lower Upper
73 100
43 36.1 13.3 19.9#
57 60.6 17.2 25.8#



#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 :

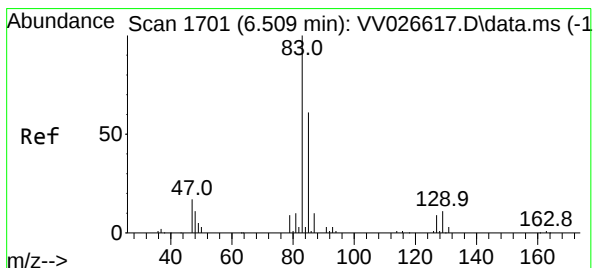
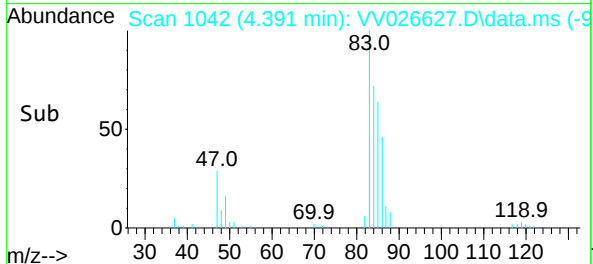
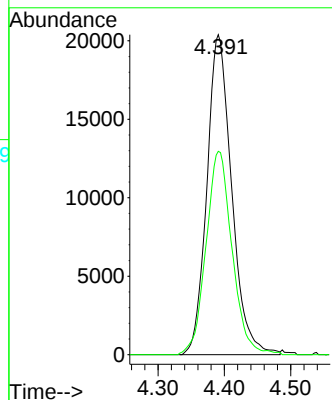
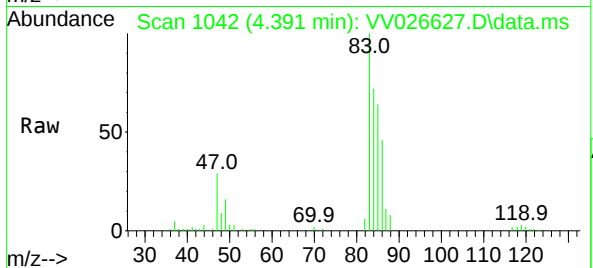
C0AH4

Tgt Ion: 83 Resp: 52982

Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.8



#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

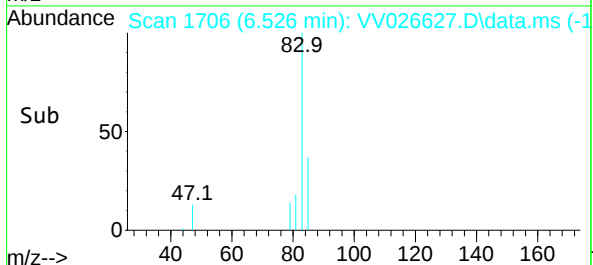
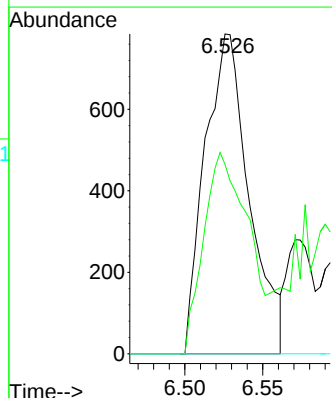
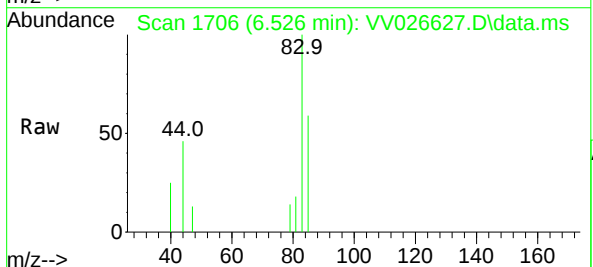
Tgt Ion: 83 Resp: 1548

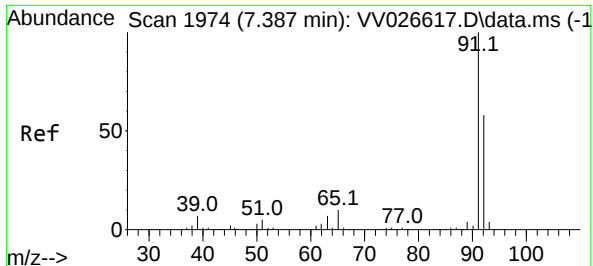
Ion Ratio Lower Upper

83 100

85 59.2 44.0 81.8

127 0.0 6.6 10.0#

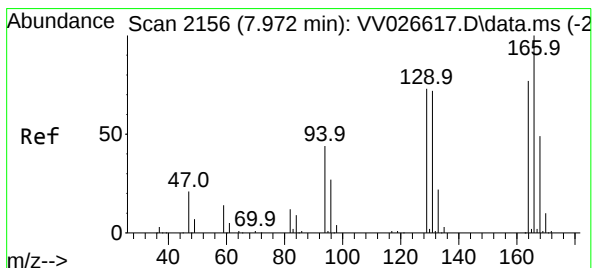
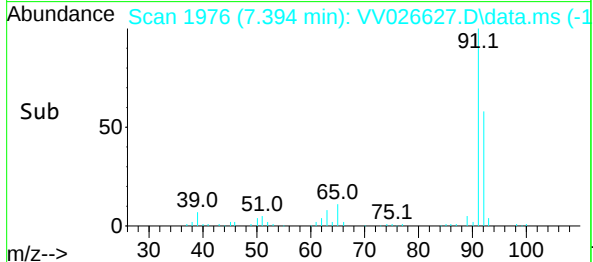
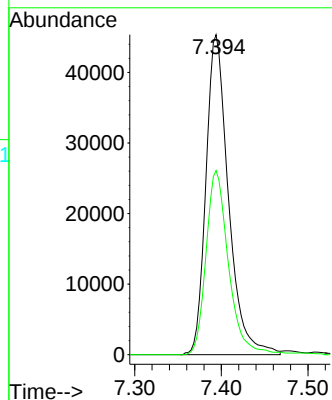
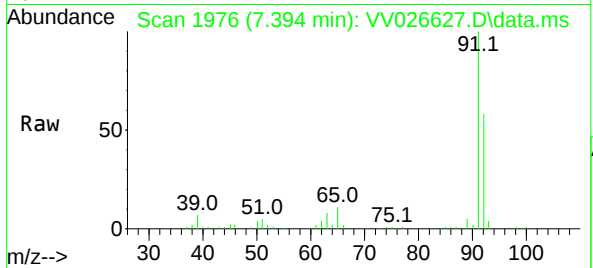




#42
Toluene
Concen: 1.261 ug/L
RT: 7.394 min Scan# 1974
Delta R.T. 0.007 min
Lab File: VV026627.D
Acq: 01 Jul 2022 14:15

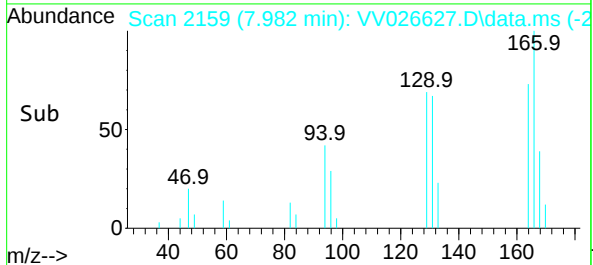
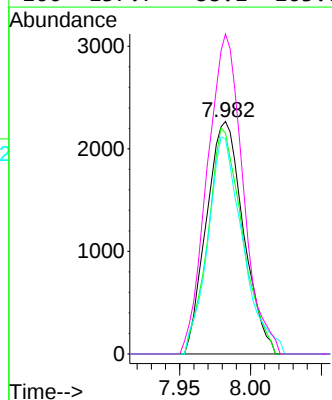
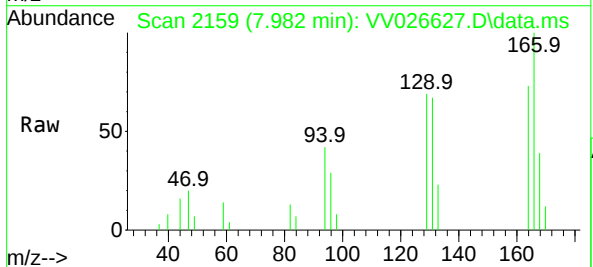
Instrument :
MSVOA_V
ClientSampleId :
C0AH4

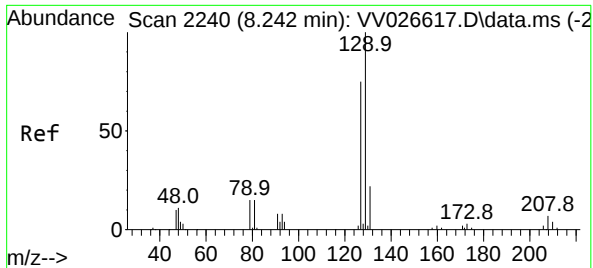
Tgt Ion: 91 Resp: 81919
Ion Ratio Lower Upper
91 100
92 57.6 40.3 74.9



#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

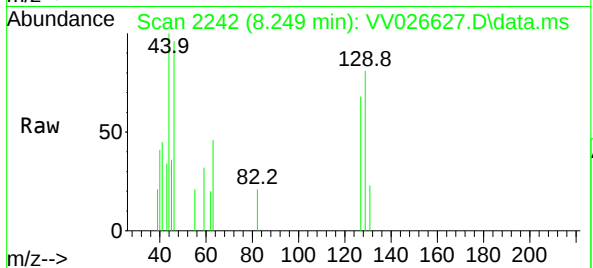
Acq: 01 Jul 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

C0AH4



Tgt Ion:129 Resp: 657

Ion Ratio Lower Upper

129 100

127 84.3 54.2 100.6

