

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026551.D
 Acq On : 24 Jun 2022 13:29
 Operator : SY/MD
 Sample : N3425-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH5

Quant Time: Jun 25 02:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

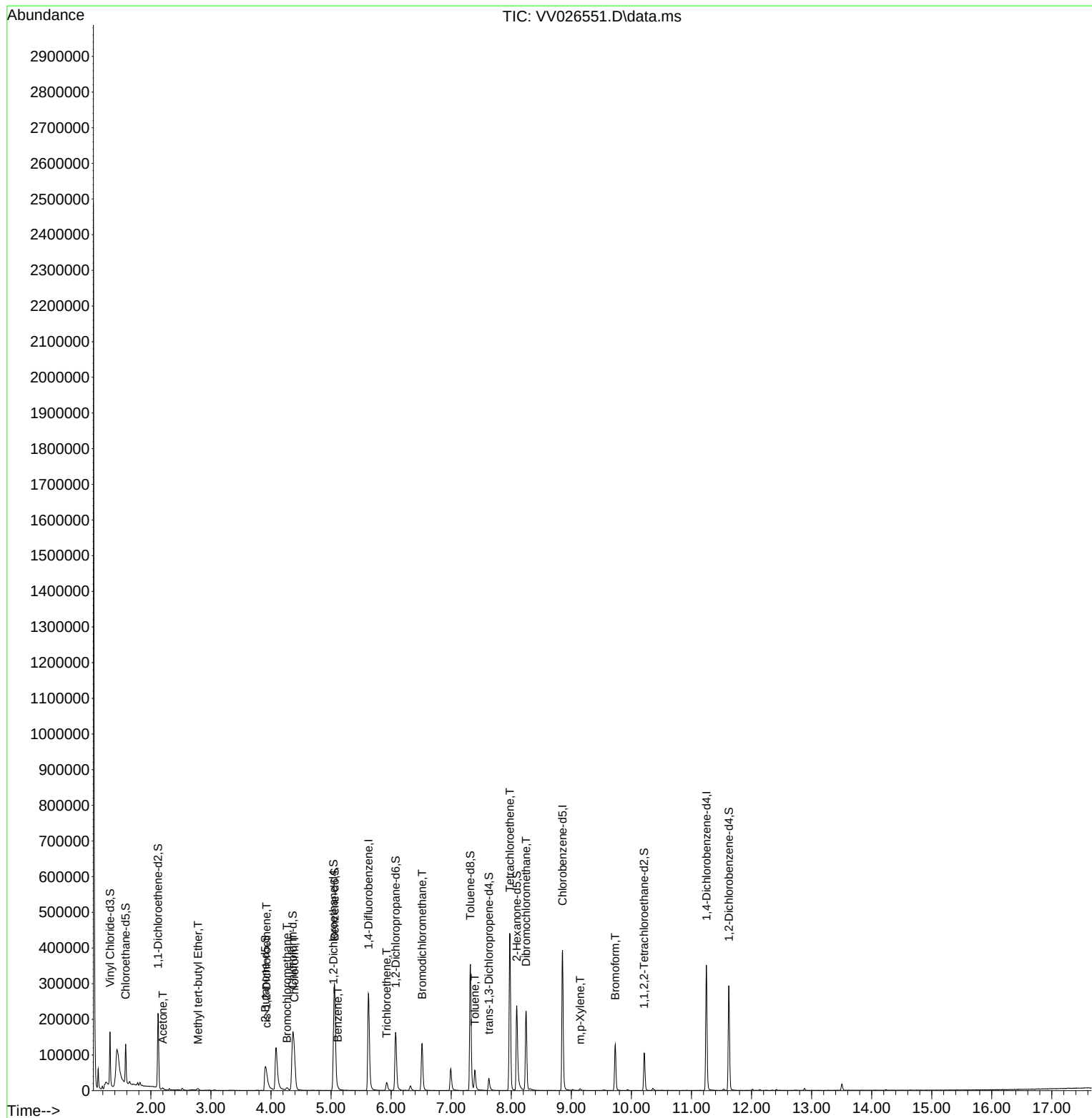
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	249719	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	224819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	80638	4.015	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.581	69	70048	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.121	63	109471	3.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.905	46	113173	56.682	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.360%
24) Chloroform-d	4.362	84	146800	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.040	65	57548	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.060	84	293885	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.076	67	85182	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.320	98	245477	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.629	79	21312	4.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.092	63	83857	47.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53165	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77009	4.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
13) Acetone	2.198	43	8577	6.771	ug/L	90
17) Methyl tert-butyl Ether	2.786	73	4034	0.147	ug/L #	67
22) cis-1,2-Dichloroethene	3.928	96	6403	0.375	ug/L	99
23) Bromochloromethane	4.265	128	2460	0.350	ug/L	90
25) Chloroform	4.388	83	92119	2.787	ug/L	94
33) Benzene	5.114	78	3893	0.059	ug/L	100
34) Trichloroethene	5.925	95	8376	0.485	ug/L	96
38) Bromodichloromethane	6.516	83	91820	4.916	ug/L	99
42) Toluene	7.394	91	44196	0.652	ug/L	97
47) Tetrachloroethene	7.979	164	100465	7.312	ug/L	98
49) Dibromochloromethane	8.246	129	117140	11.595	ug/L	98
53) m,p-Xylene	9.146	106	1592	0.058	ug/L	77
59) Bromoform	9.731	173	58033	16.237	ug/L	98

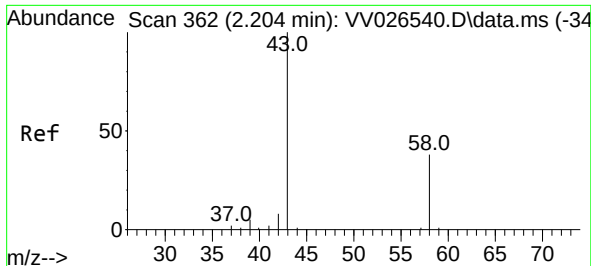
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.771 ug/L

RT: 2.198 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV026551.D

Acq: 24 Jun 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

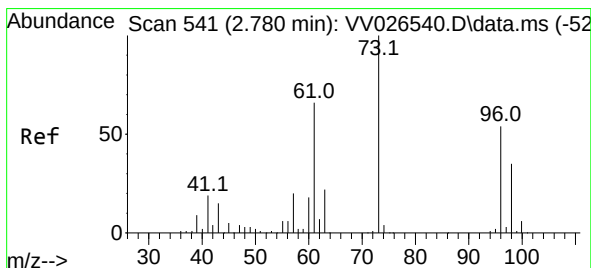
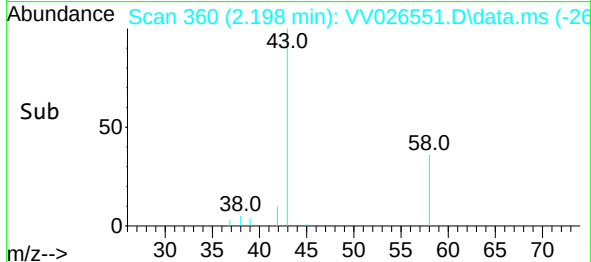
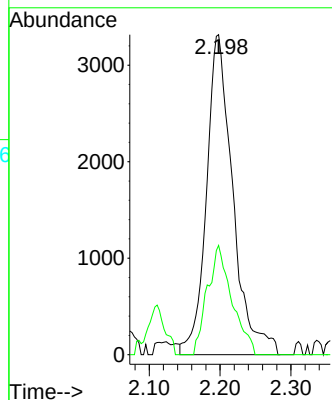
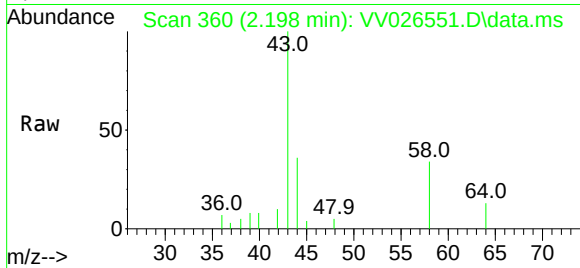
C0AH5

Tgt Ion: 43 Resp: 8577

Ion Ratio Lower Upper

43 100

58 31.8 0.0 75.0



#17

Methyl tert-butyl Ether

Concen: 0.147 ug/L

RT: 2.786 min Scan# 543

Delta R.T. 0.006 min

Lab File: VV026551.D

Acq: 24 Jun 2022 13:29

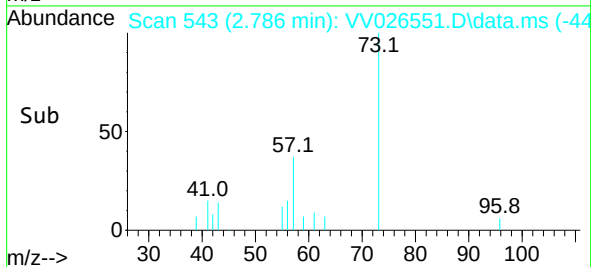
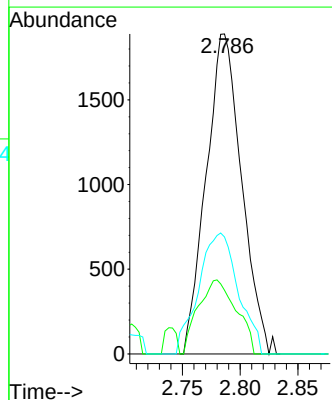
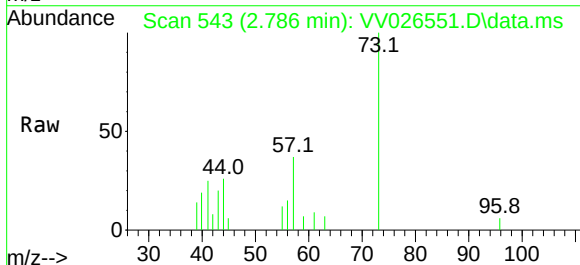
Tgt Ion: 73 Resp: 4034

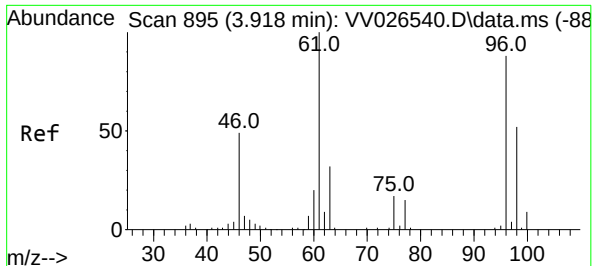
Ion Ratio Lower Upper

73 100

43 24.8 13.3 19.9#

57 42.3 17.2 25.8#

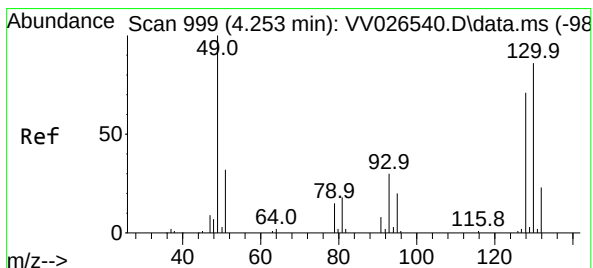
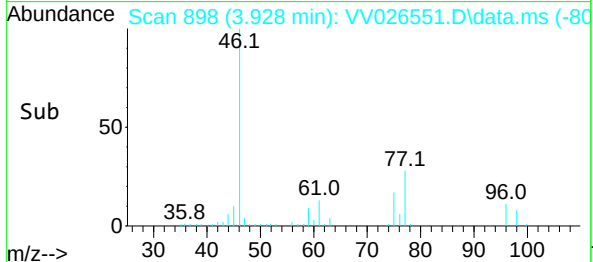
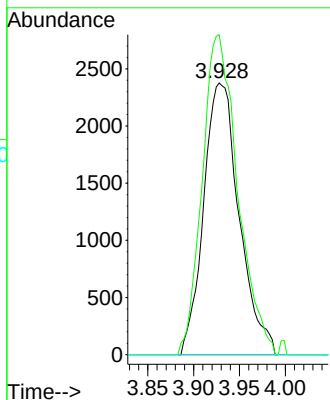
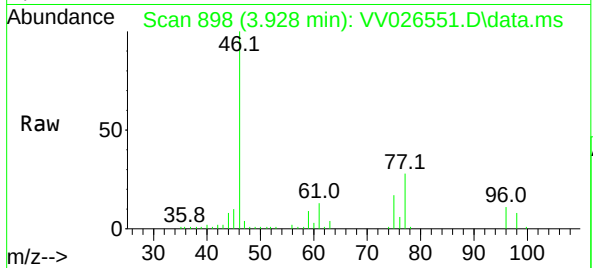




#22
 cis-1,2-Dichloroethene
 Concen: 0.375 ug/L
 RT: 3.928 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV026551.D
 Acq: 24 Jun 2022 13:29

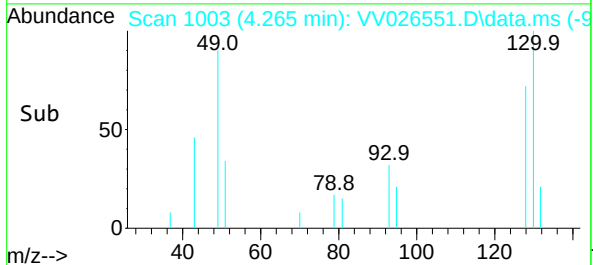
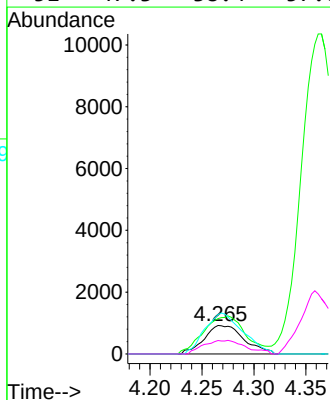
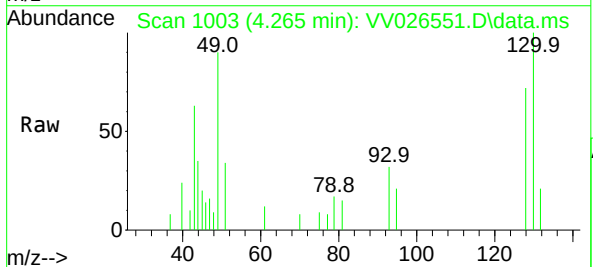
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH5

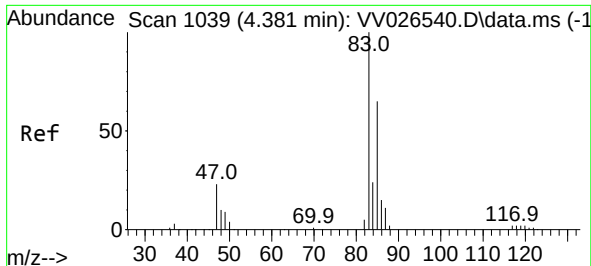
Tgt Ion: 96 Resp: 6403
 Ion Ratio Lower Upper
 96 100
 61 117.8 82.0 152.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.350 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.013 min
 Lab File: VV026551.D
 Acq: 24 Jun 2022 13:29

Tgt Ion: 128 Resp: 2460
 Ion Ratio Lower Upper
 128 100
 49 124.2 104.0 193.1
 130 138.1 93.4 173.6
 51 47.3 38.4 57.6





#25

Chloroform

Concen: 2.787 ug/L

RT: 4.388 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV026551.D

Acq: 24 Jun 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

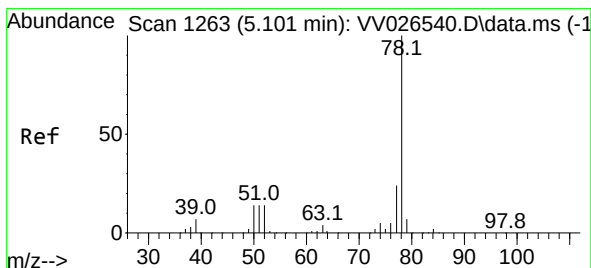
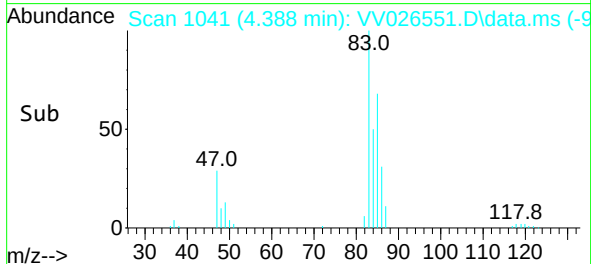
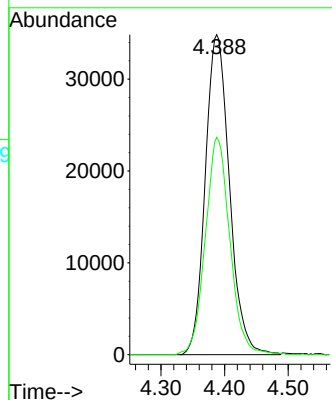
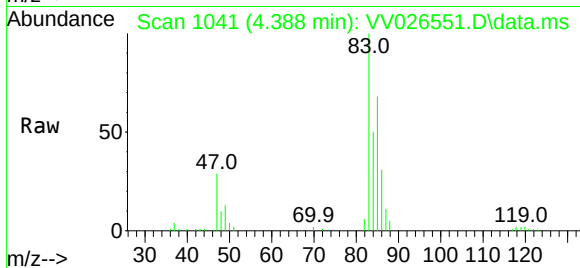
C0AH5

Tgt Ion: 83 Resp: 92119

Ion Ratio Lower Upper

83 100

85 67.9 44.0 81.8



#33

Benzene

Concen: 0.059 ug/L

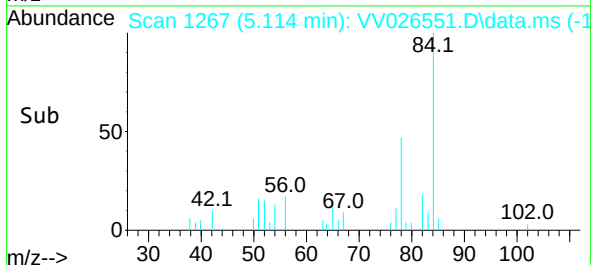
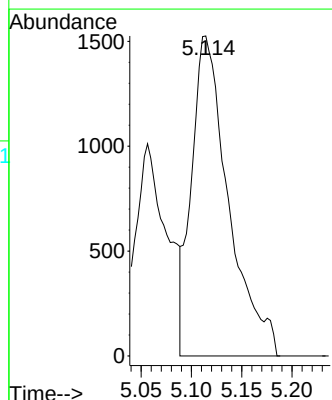
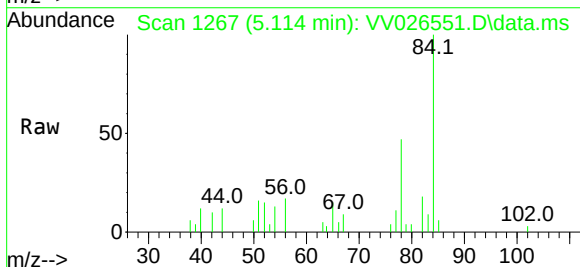
RT: 5.114 min Scan# 1267

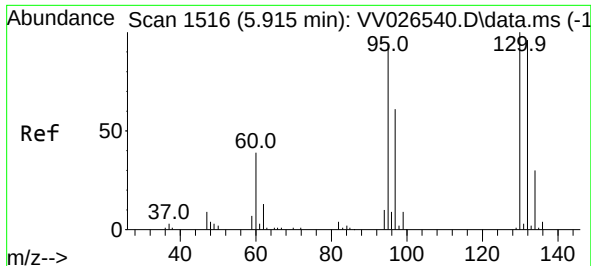
Delta R.T. 0.013 min

Lab File: VV026551.D

Acq: 24 Jun 2022 13:29

Tgt Ion: 78 Resp: 3893



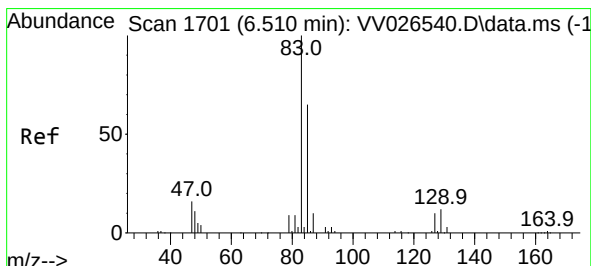
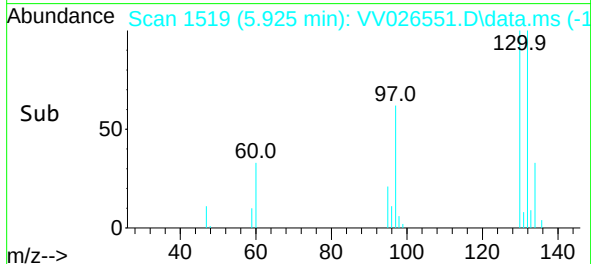
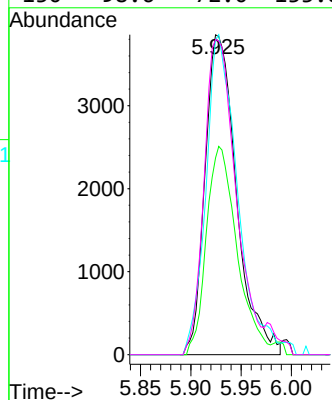
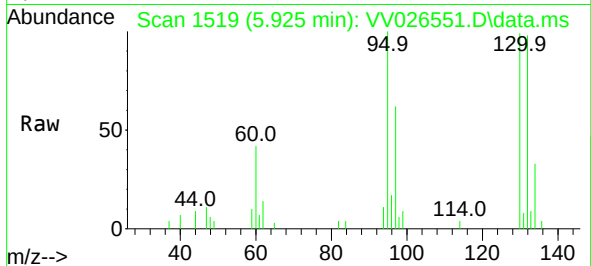


#34
Trichloroethene
Concen: 0.485 ug/L
RT: 5.925 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026551.D
Acq: 24 Jun 2022 13:29

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Tgt Ion: 95 Resp: 8376

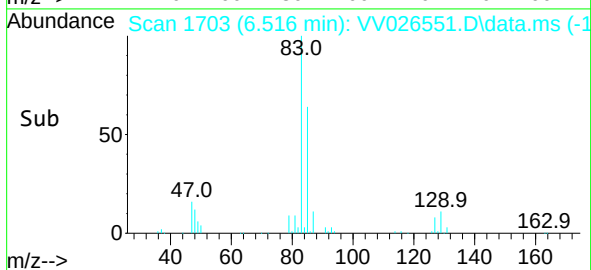
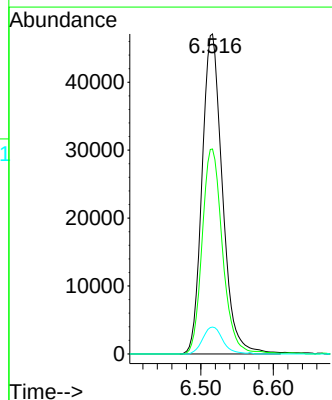
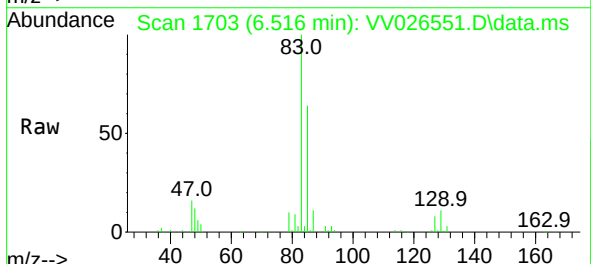
Ion	Ratio	Lower	Upper
95	100		
97	61.5	46.8	87.0
132	98.4	69.9	129.7
130	98.6	72.0	133.8

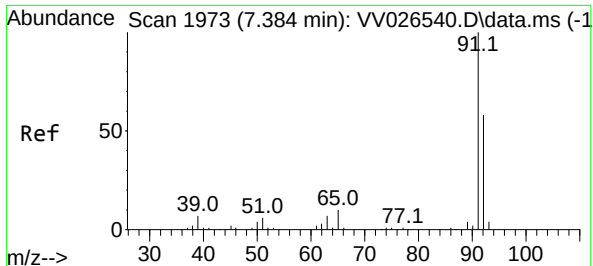


#38
Bromodichloromethane
Concen: 4.916 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV026551.D
Acq: 24 Jun 2022 13:29

Tgt Ion: 83 Resp: 91820

Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.0	81.8
127	8.4	6.6	10.0





#42

Toluene

Concen: 0.652 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV026551.D

Acq: 24 Jun 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

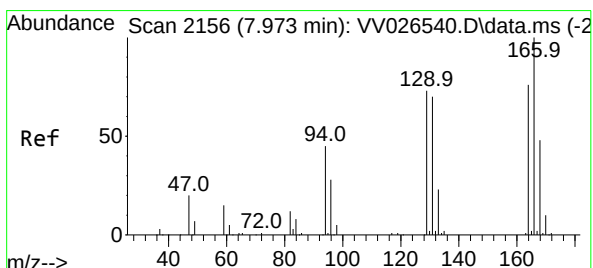
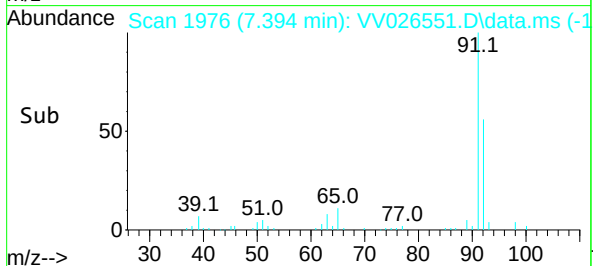
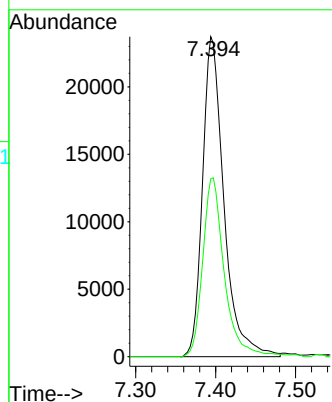
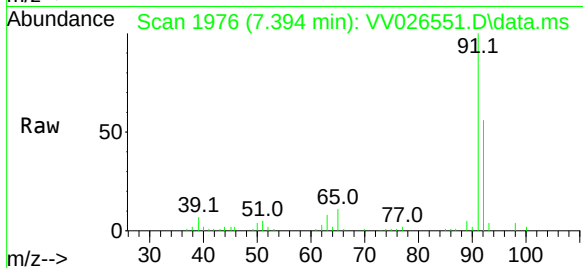
C0AH5

Tgt Ion: 91 Resp: 44196

Ion Ratio Lower Upper

91 100

92 55.6 40.3 74.9



#47

Tetrachloroethene

Concen: 7.312 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV026551.D

Acq: 24 Jun 2022 13:29

Tgt Ion: 164 Resp: 100465

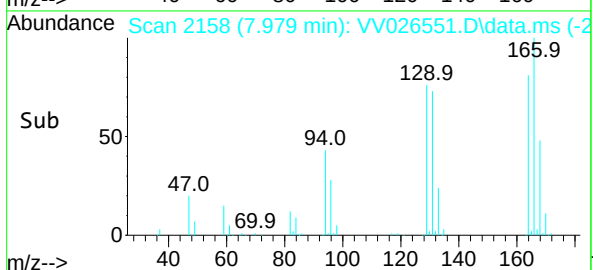
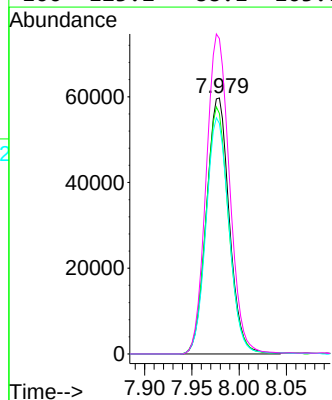
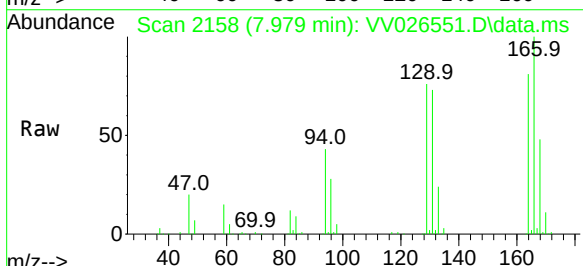
Ion Ratio Lower Upper

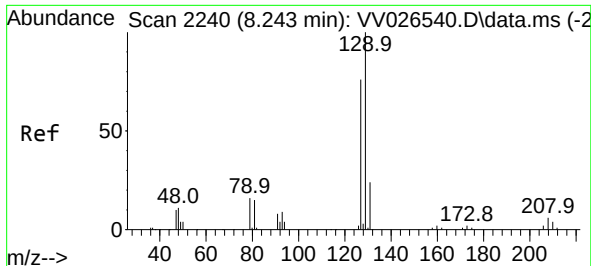
164 100

129 93.9 66.4 123.2

131 90.0 64.4 119.6

166 123.2 88.1 163.7





#49

Dibromochloromethane

Concen: 11.595 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026551.D

Acq: 24 Jun 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

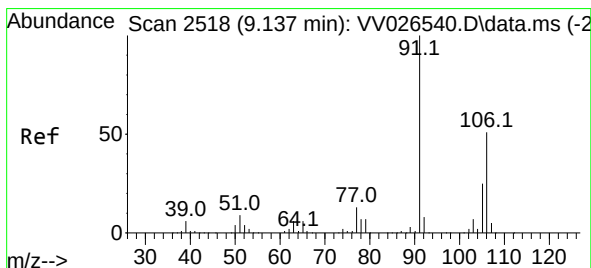
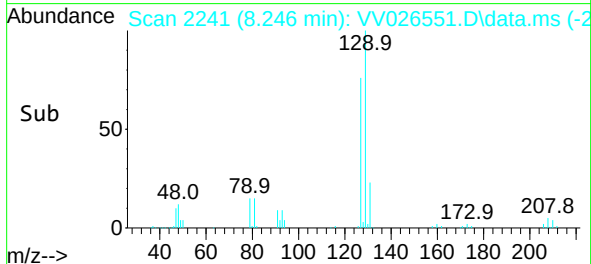
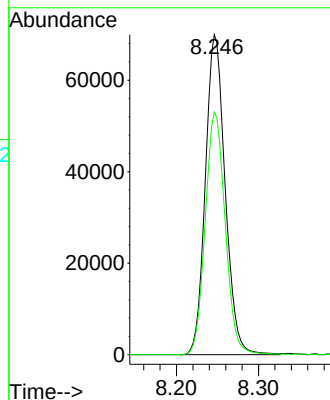
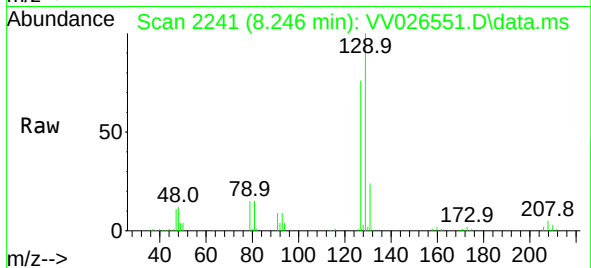
C0AH5

Tgt Ion:129 Resp: 117140

Ion Ratio Lower Upper

129 100

127 75.8 54.2 100.6



#53

m,p-Xylene

Concen: 0.058 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026551.D

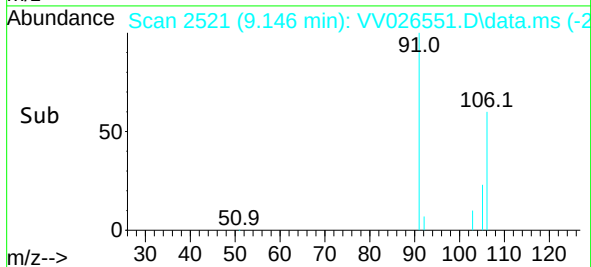
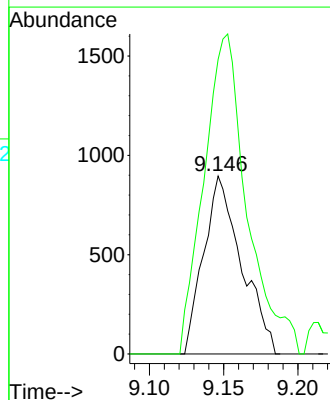
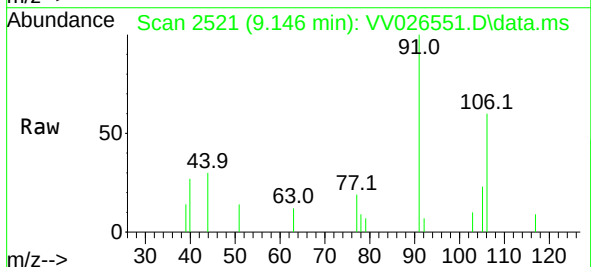
Acq: 24 Jun 2022 13:29

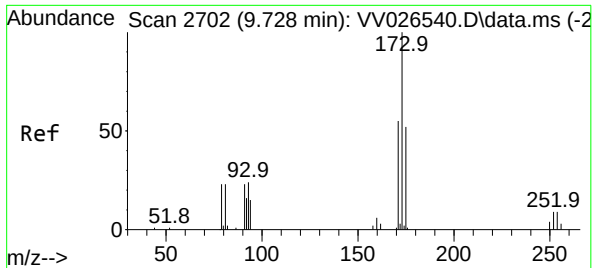
Tgt Ion:106 Resp: 1592

Ion Ratio Lower Upper

106 100

91 165.5 139.9 259.9





#59
 Bromoform
 Concen: 16.237 ug/L
 RT: 9.731 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026551.D
 Acq: 24 Jun 2022 13:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH5

Tgt Ion:173	Resp:	58033
Ion Ratio	Lower	Upper
173	100	
175	48.5	37.9 56.9
254	8.7	6.3 9.5

