

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032400.D
 Acq On : 11 Oct 2023 17:56
 Operator : SY/MD
 Sample : 04851-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B13

Quant Time: Oct 12 03:07:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

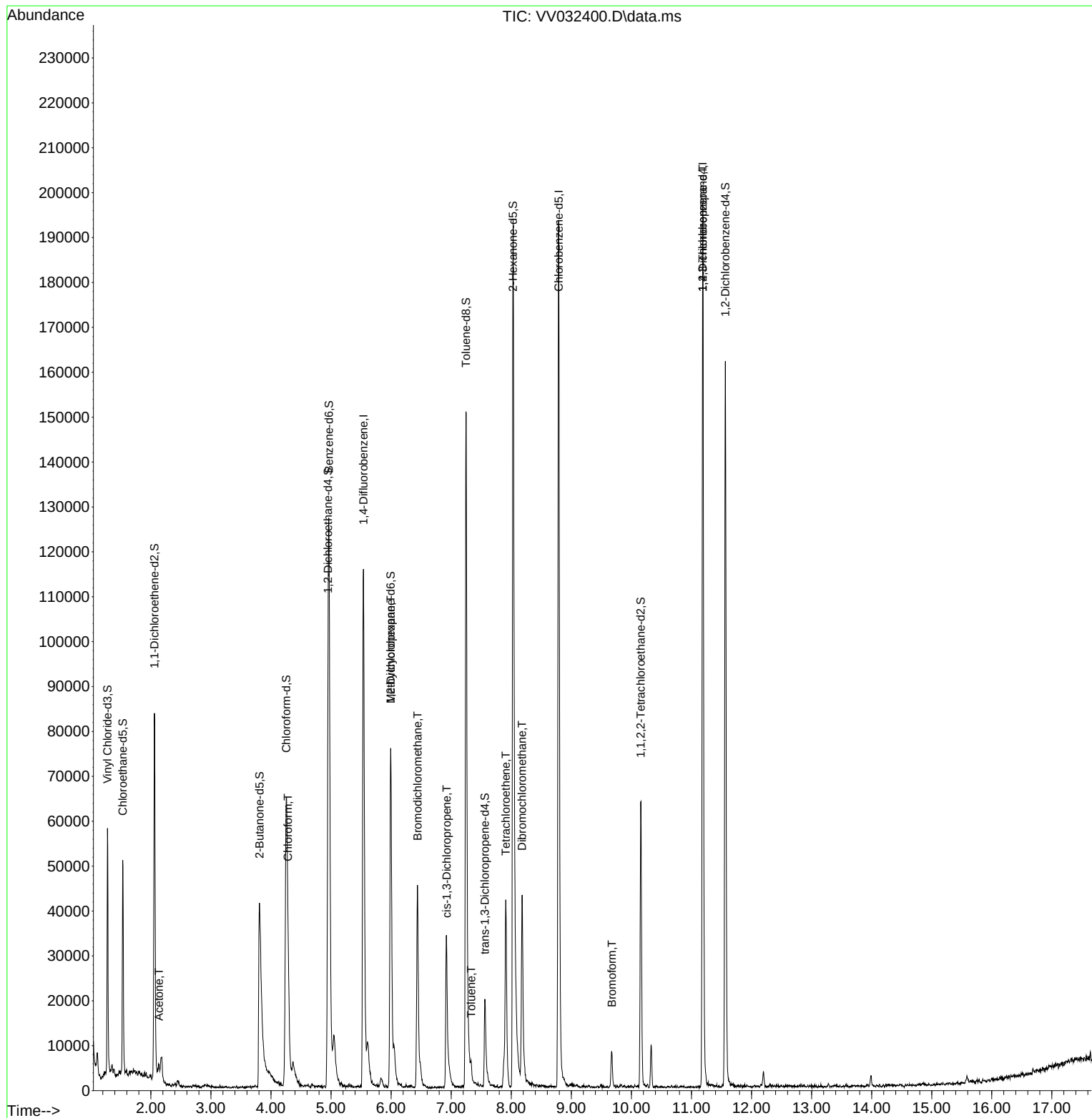
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	100275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	112062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34488	4.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.532	69	29648	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.060	65	13613	3.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	3.809	46	87939	42.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.260%
24) Chloroform-d	4.256	84	62567	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.950	65	30154	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	4.963	84	118360	3.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	5.992	67	38205	3.497	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.000%
41) Toluene-d8	7.246	98	107601	3.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.561	79	13657	3.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.030	63	72732	39.930	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.860%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31782	4.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	41771	4.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds					Qvalue	
13) Acetone	2.137	43	2767	1.740	ug/L	78
25) Chloroform	4.281	83	25130	1.616	ug/L	94
35) Methylcyclohexane	5.992	83	9159	0.550	ug/L #	18
38) Bromodichloromethane	6.439	83	33986	2.711	ug/L	99
39) cis-1,3-Dichloropropene	6.928	75	1068	0.071	ug/L #	47
42) Toluene	7.333	91	3446	0.082	ug/L	91
47) Tetrachloroethene	7.908	164	10047	1.230	ug/L	97
49) Dibromochloromethane	8.182	129	22421	2.893	ug/L	94
59) Bromoform	9.673	173	4032	1.078	ug/L #	99
61) 1,2,3-Trichloropropane	11.188	75	6568	1.199	ug/L #	66

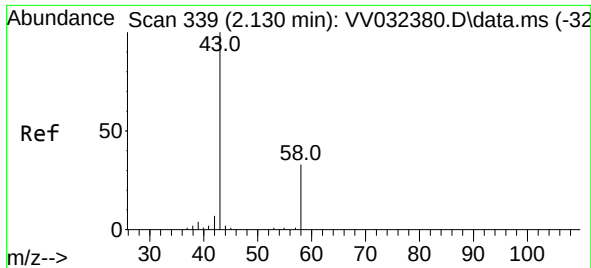
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.740 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.007 min

Lab File: VV032400.D

Acq: 11 Oct 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

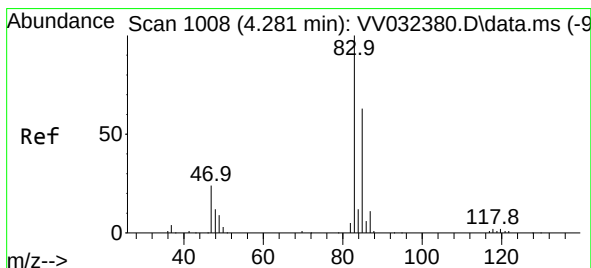
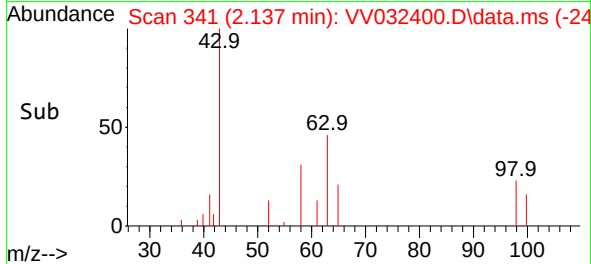
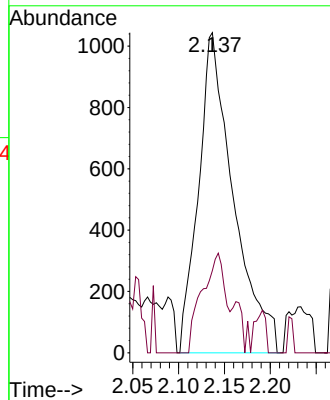
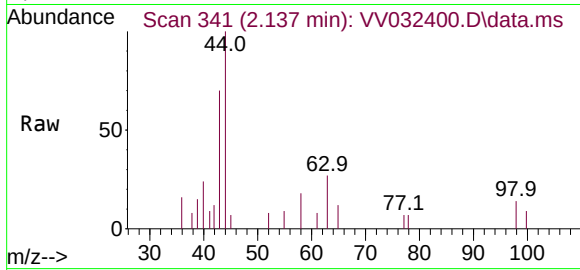
COB13

Tgt Ion: 43 Resp: 2767

Ion Ratio Lower Upper

43 100

58 20.7 0.0 66.0



#25

Chloroform

Concen: 1.616 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV032400.D

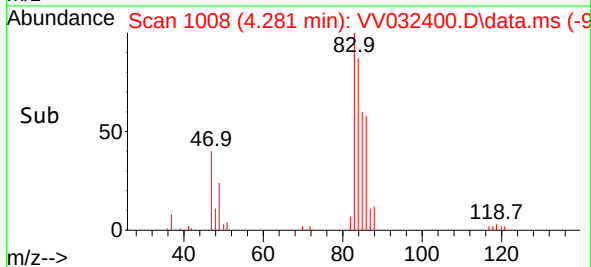
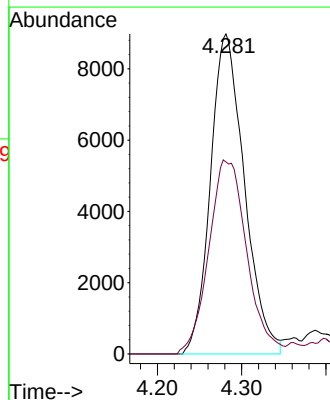
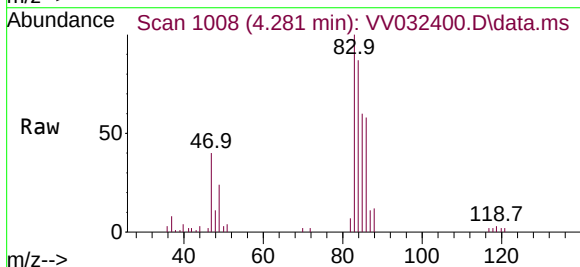
Acq: 11 Oct 2023 17:56

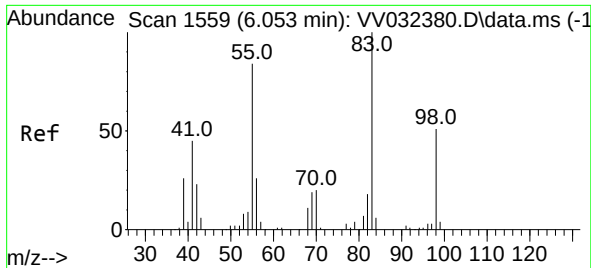
Tgt Ion: 83 Resp: 25130

Ion Ratio Lower Upper

83 100

85 60.0 45.4 84.4

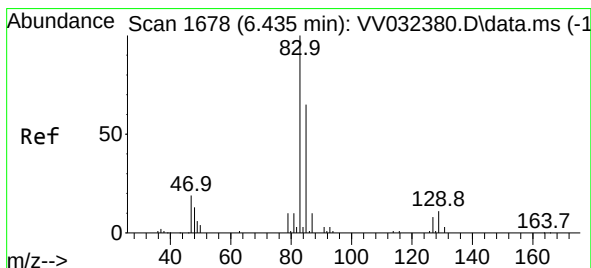
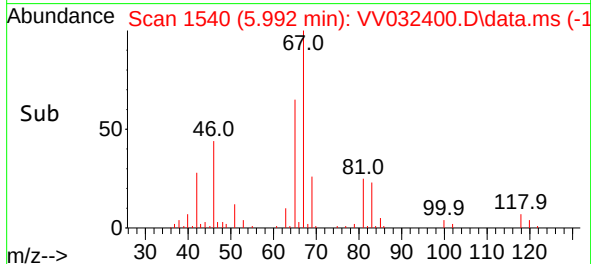
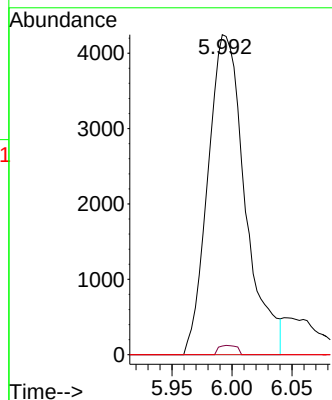
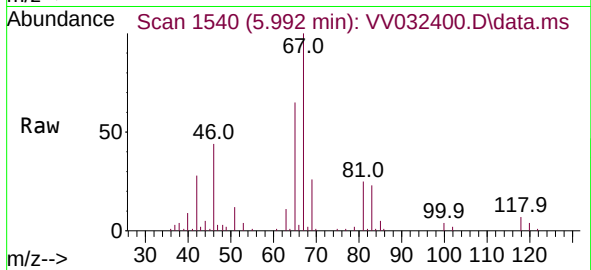




#35
Methylcyclohexane
Concen: 0.550 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032400.D
Acq: 11 Oct 2023 17:56

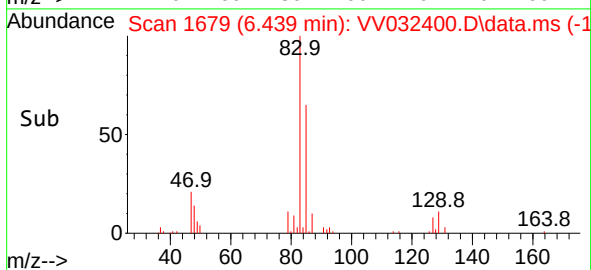
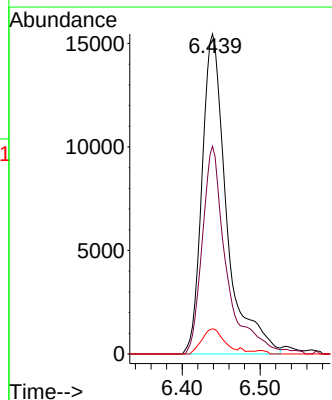
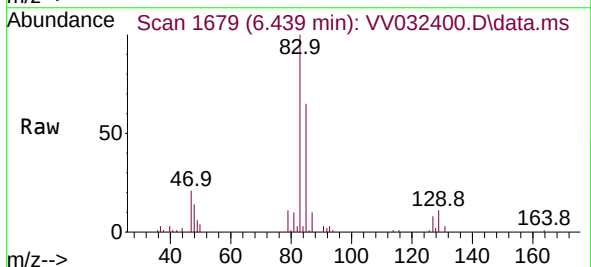
Instrument :
MSVOA_V
ClientSampleId :
C0B13

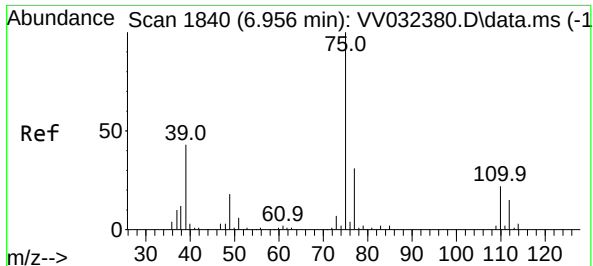
Tgt Ion: 83 Resp: 9159
Ion Ratio Lower Upper
83 100
55 1.4 64.2 96.2#
98 1.4 39.6 59.4#



#38
Bromodichloromethane
Concen: 2.711 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.003 min
Lab File: VV032400.D
Acq: 11 Oct 2023 17:56

Tgt Ion: 83 Resp: 33986
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.3
127 7.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.928 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV032400.D

Acq: 11 Oct 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

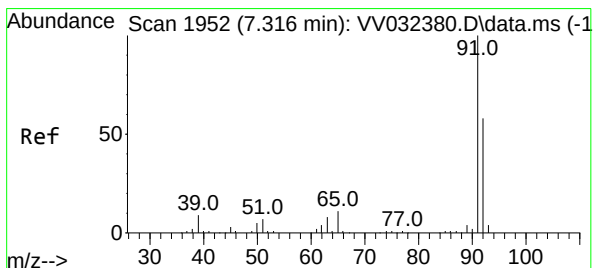
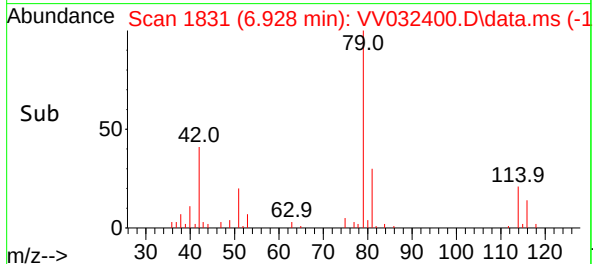
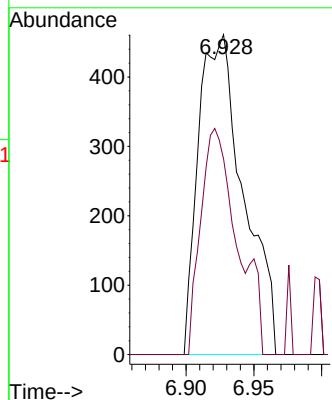
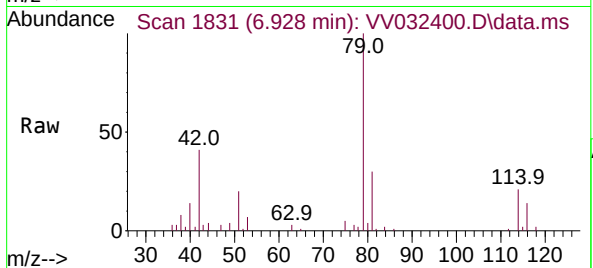
C0B13

Tgt Ion: 75 Resp: 1068

Ion Ratio Lower Upper

75 100

77 61.2 22.2 41.2#



#42

Toluene

Concen: 0.082 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.016 min

Lab File: VV032400.D

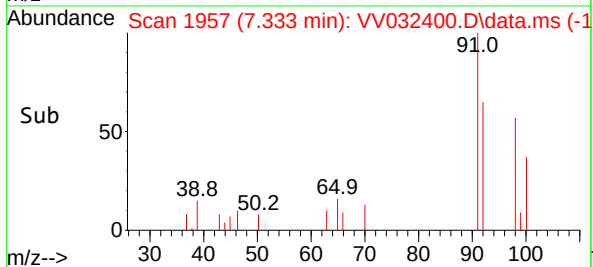
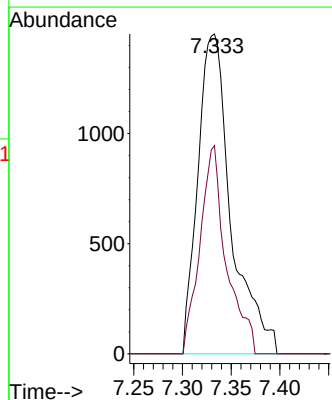
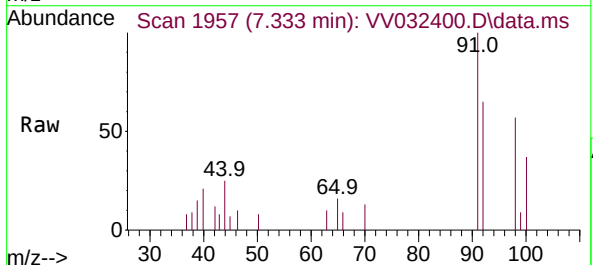
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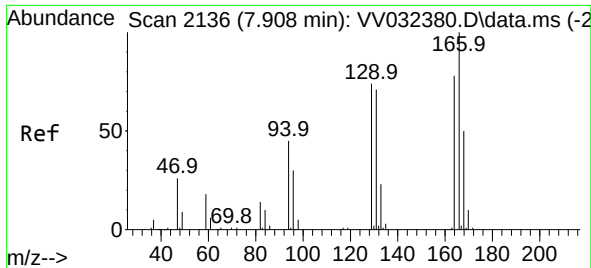
Tgt Ion: 91 Resp: 3446

Ion Ratio Lower Upper

91 100

92 65.1 40.8 75.8

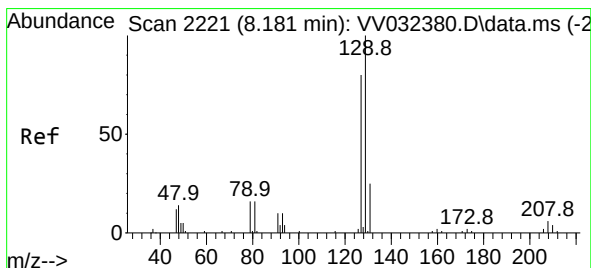
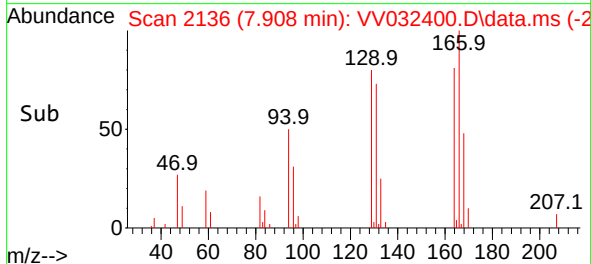
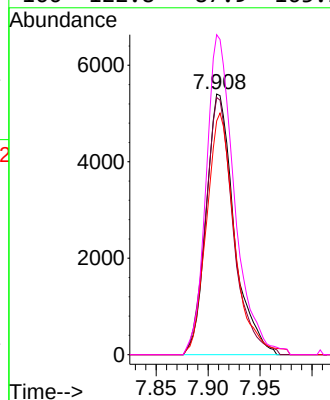
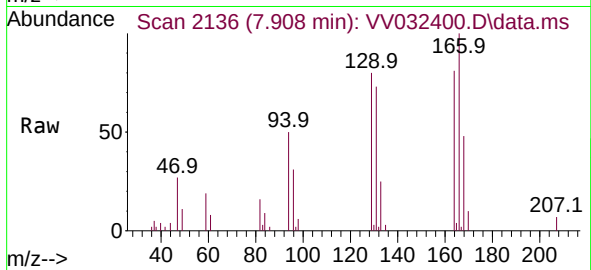




#47
Tetrachloroethene
Concen: 1.230 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032400.D
Acq: 11 Oct 2023 17:56

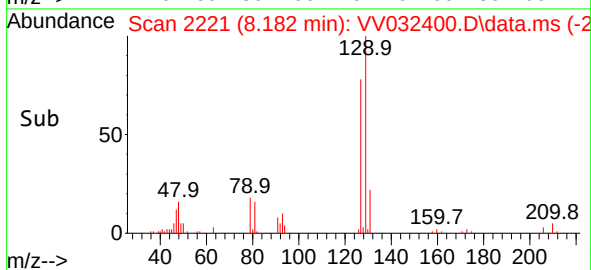
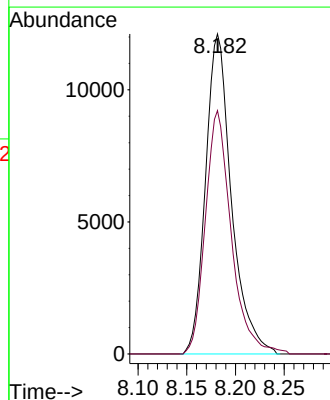
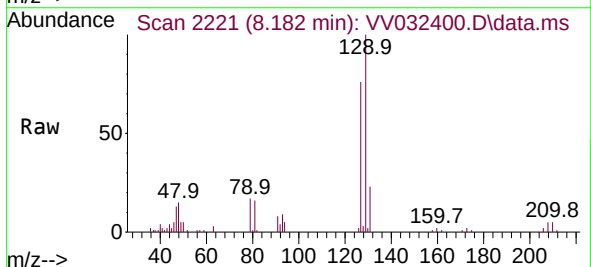
Instrument :
MSVOA_V
ClientSampleId :
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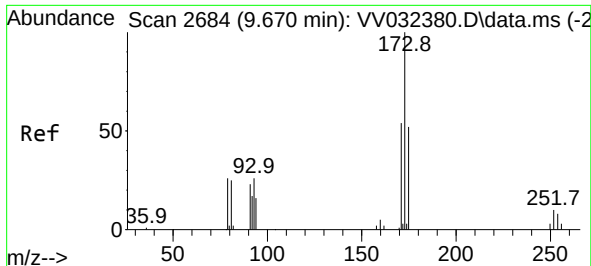
Tgt Ion:164 Resp: 10047
Ion Ratio Lower Upper
164 100
129 98.7 66.4 123.4
131 89.7 63.7 118.3
166 122.8 87.9 163.3



#49
Dibromochloromethane
Concen: 2.893 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV032400.D
Acq: 11 Oct 2023 17:56

Tgt Ion:129 Resp: 22421
Ion Ratio Lower Upper
129 100
127 76.1 57.2 106.2

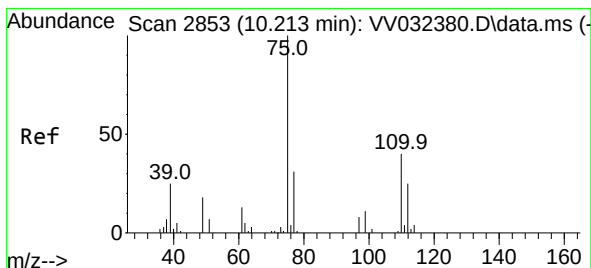
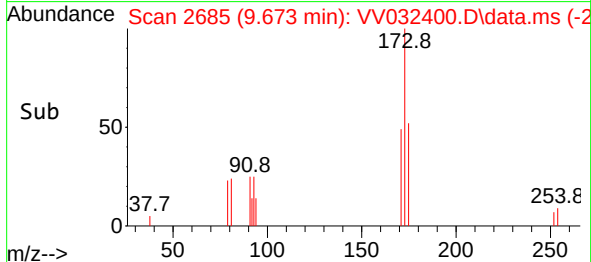
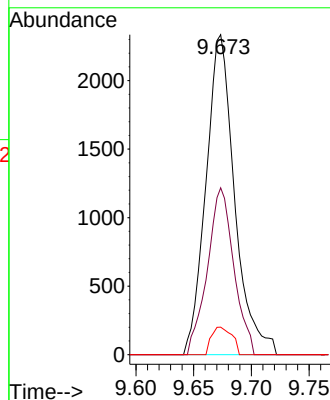
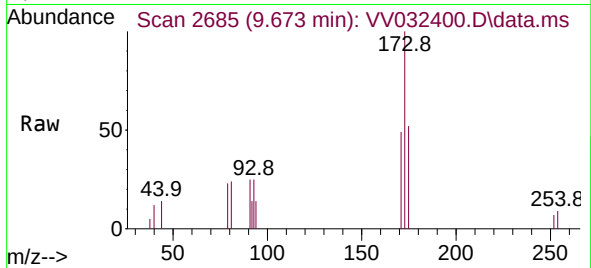




#59
Bromoform
Concen: 1.078 ug/L
RT: 9.673 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032400.D
Acq: 11 Oct 2023 17:56

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:173 Resp: 4032
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.2
254 6.1 7.0 10.4#



#61
1,2,3-Trichloropropane
Concen: 1.199 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032400.D
Acq: 11 Oct 2023 17:56

Tgt Ion: 75 Resp: 6568
Ion Ratio Lower Upper
75 100
77 34.1 26.2 39.2
110 1.4 30.6 46.0#

