

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
 Data File : VV032350.D
 Acq On : 10 Oct 2023 00:15
 Operator : SY/MD
 Sample : 04774-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 10 06:01:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

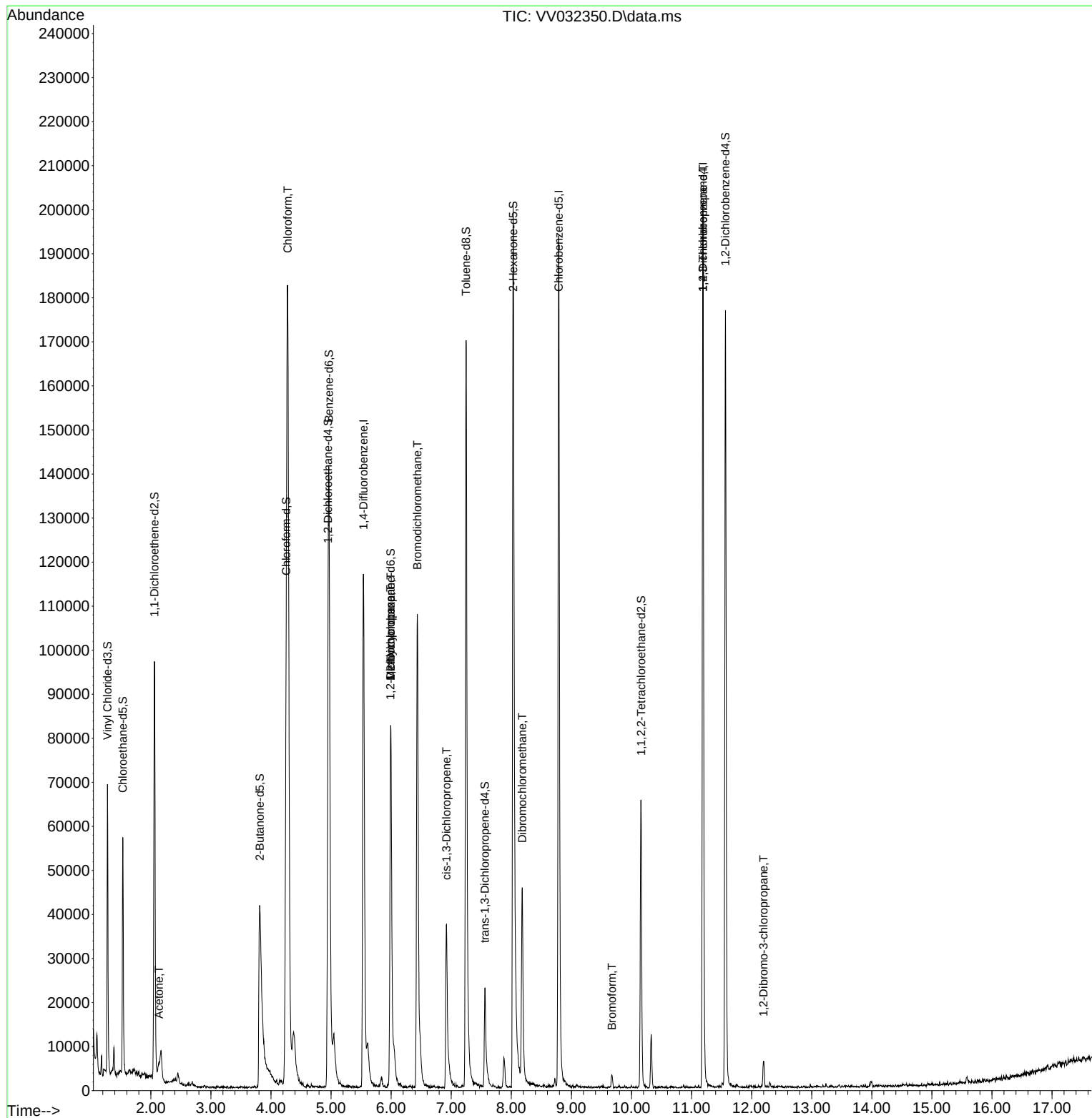
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	103757	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	112853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	52143	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42153	4.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.532	69	34442	5.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.060	65	16577	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.812	46	89047	41.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.440%
24) Chloroform-d	4.252	84	74071	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.950	65	32451	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.963	84	128905	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	5.992	67	46755	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.246	98	122313	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.561	79	15702	4.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.030	63	76388	41.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.280%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33946	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	45172	4.668	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
13) Acetone	2.137	43	5471	3.325	ug/L	91
25) Chloroform	4.278	83	169901	10.561	ug/L	99
35) Methylcyclohexane	5.992	83	9439	0.562	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	4646	0.437	ug/L #	87
38) Bromodichloromethane	6.436	83	82650	6.546	ug/L	99
39) cis-1,3-Dichloropropene	6.921	75	954	0.063	ug/L	93
49) Dibromochloromethane	8.182	129	24058	3.083	ug/L	99
59) Bromoform	9.674	173	1415	0.373	ug/L #	96
61) 1,2,3-Trichloropropane	11.188	75	6393	1.152	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.198	75	264	0.233	ug/L #	1

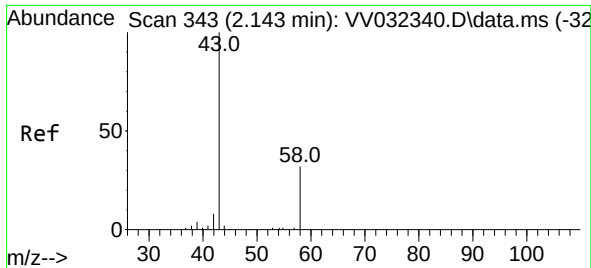
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.325 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV032350.D

Acq: 10 Oct 2023 00:15

Instrument :

MSVOA_V

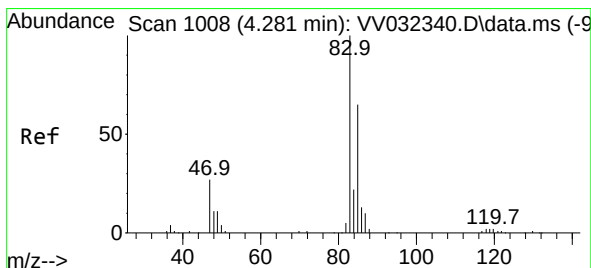
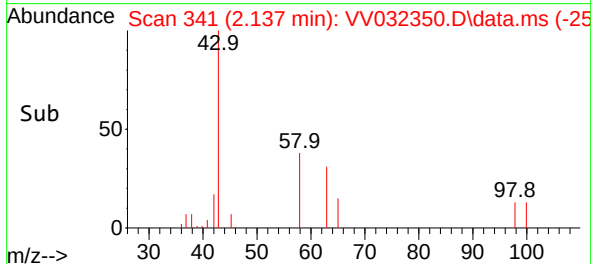
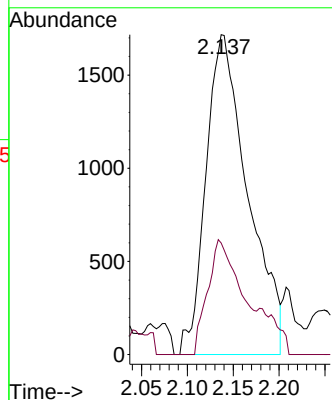
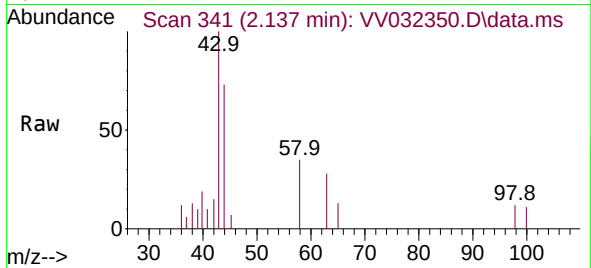
ClientSampleId :

Tgt Ion: 43 Resp: 5471

Ion Ratio Lower Upper

43 100

58 28.0 0.0 66.0



#25

Chloroform

Concen: 10.561 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032350.D

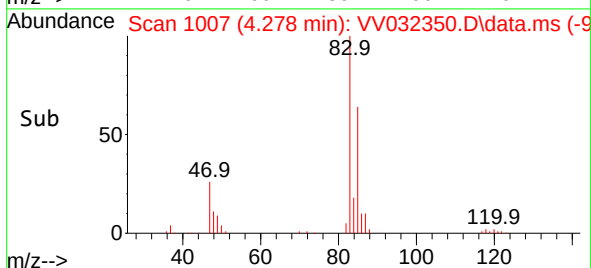
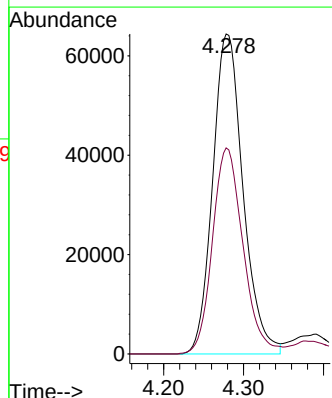
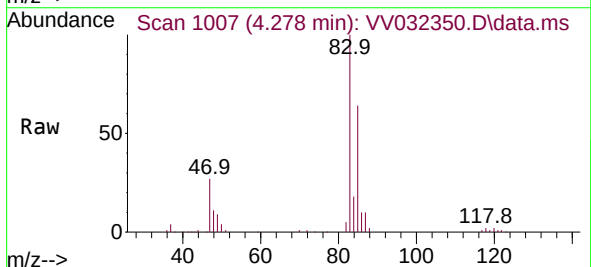
Acq: 10 Oct 2023 00:15

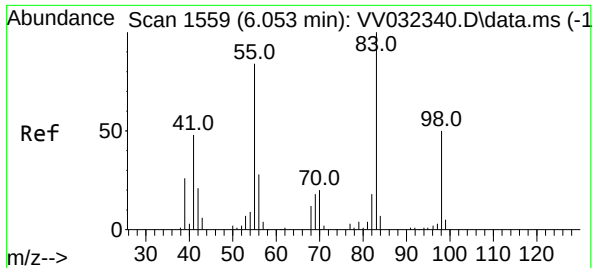
Tgt Ion: 83 Resp: 169901

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.4

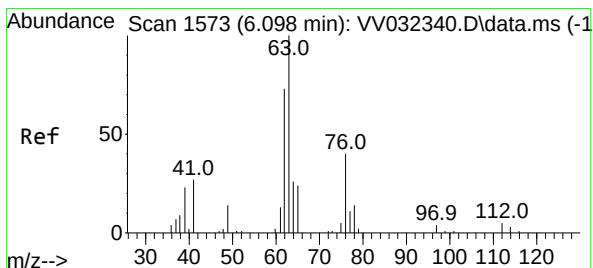
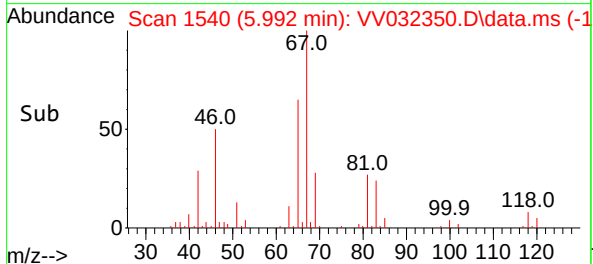
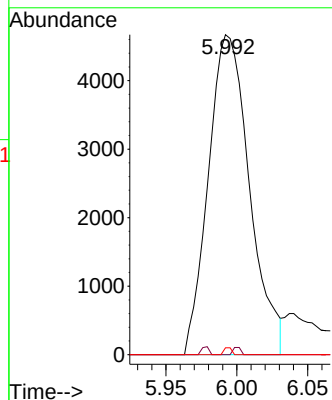
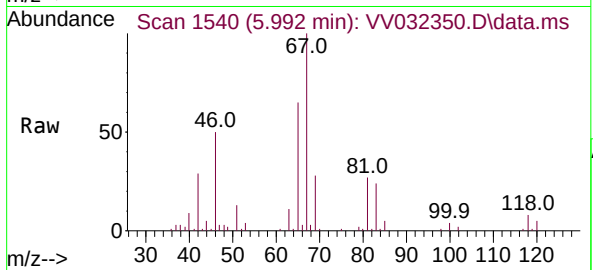




#35
Methylcyclohexane
Concen: 0.562 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032350.D
Acq: 10 Oct 2023 00:15

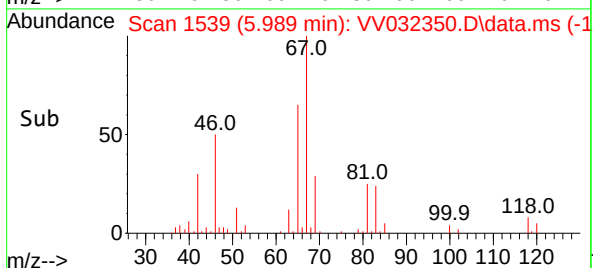
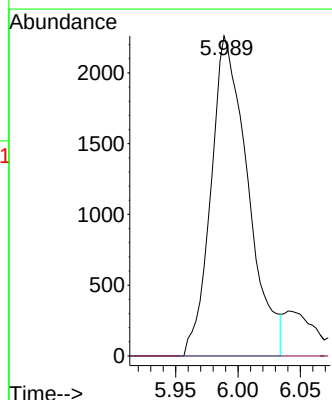
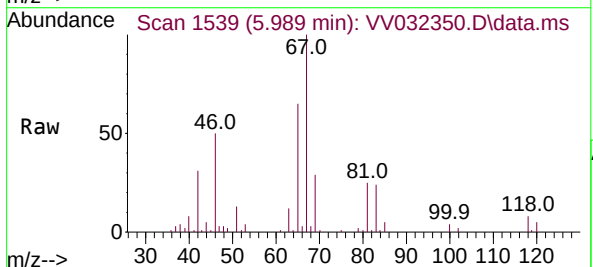
Instrument :
MSVOA_V
ClientSampleId :

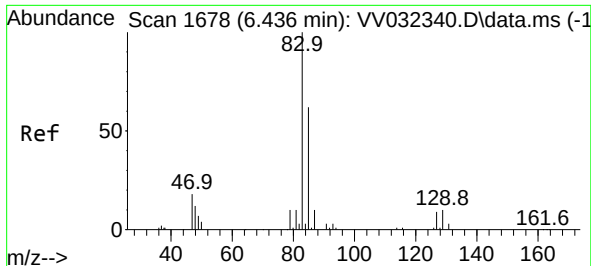
Tgt Ion: 83 Resp: 9439
Ion Ratio Lower Upper
83 100
55 0.4 64.2 96.2#
98 0.4 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.437 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.109 min
Lab File: VV032350.D
Acq: 10 Oct 2023 00:15

Tgt Ion: 63 Resp: 4646
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

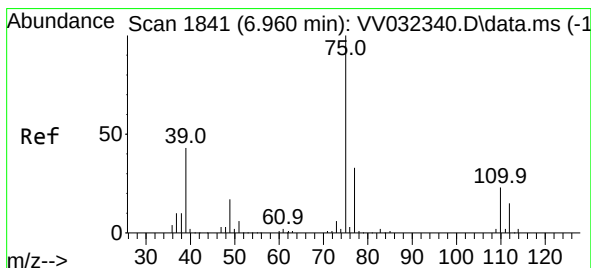
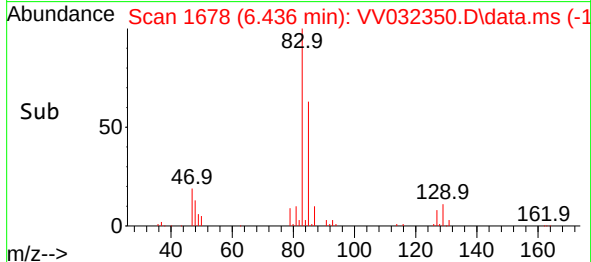
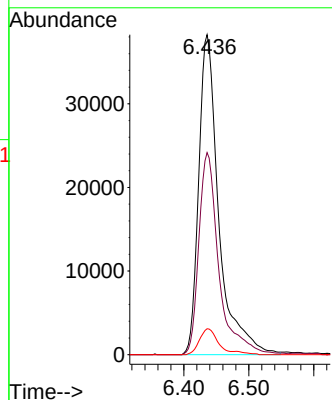
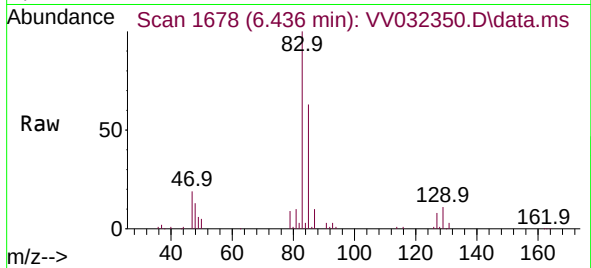




#38
Bromodichloromethane
Concen: 6.546 ug/L
RT: 6.436 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032350.D
Acq: 10 Oct 2023 00:15

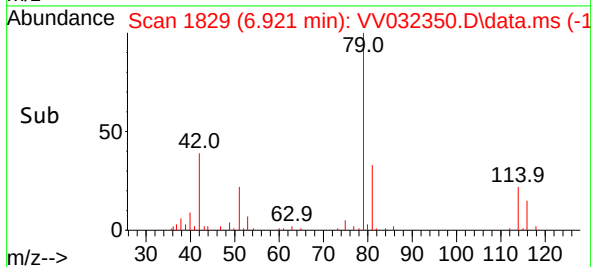
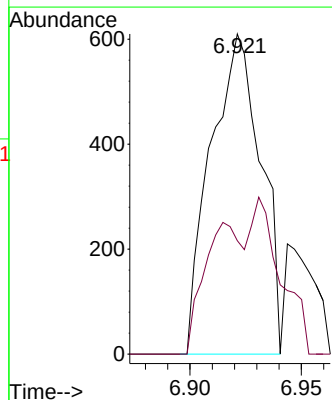
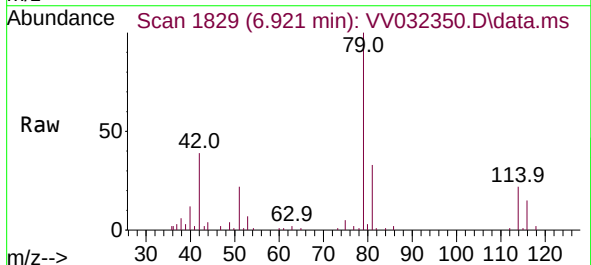
Instrument :
MSVOA_V
ClientSampleId :

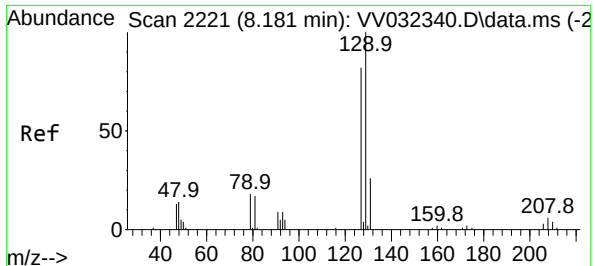
Tgt Ion: 83 Resp: 82650
Ion Ratio Lower Upper
83 100
85 63.1 44.9 83.3
127 8.1 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 6.921 min Scan# 1829
Delta R.T. -0.038 min
Lab File: VV032350.D
Acq: 10 Oct 2023 00:15

Tgt Ion: 75 Resp: 954
Ion Ratio Lower Upper
75 100
77 35.4 22.2 41.2





#49

Dibromochloromethane

Concen: 3.083 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032350.D

Acq: 10 Oct 2023 00:15

Instrument :

MSVOA_V

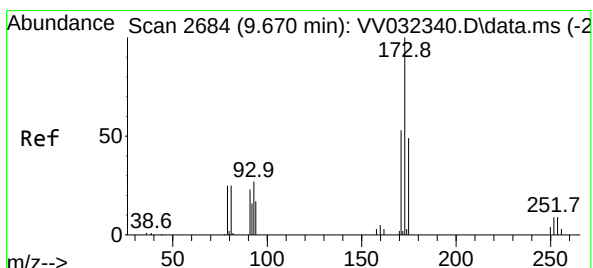
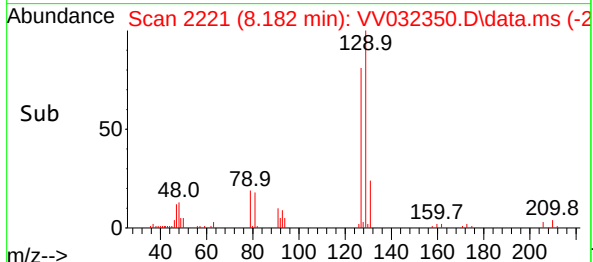
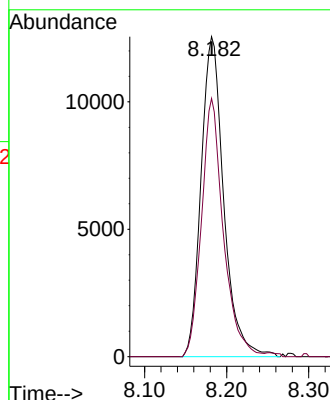
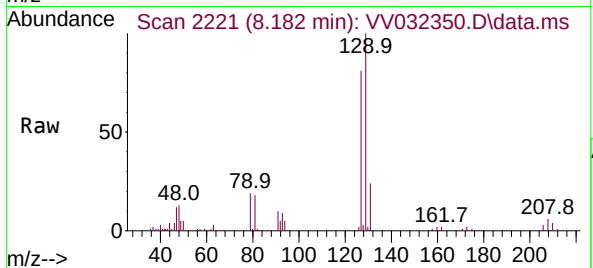
ClientSampleId :

Tgt Ion:129 Resp: 24058

Ion Ratio Lower Upper

129 100

127 80.7 57.2 106.2



#59

Bromoform

Concen: 0.373 ug/L

RT: 9.674 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV032350.D

Acq: 10 Oct 2023 00:15

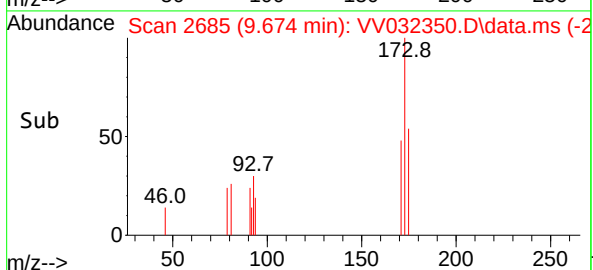
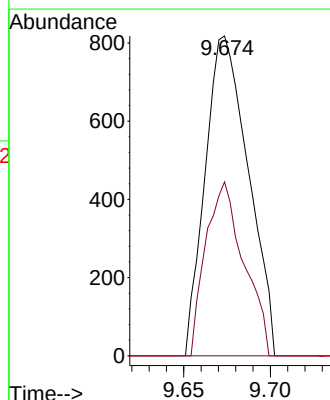
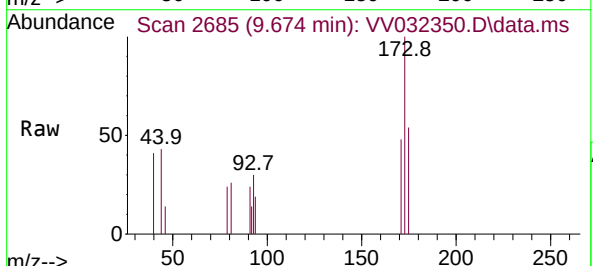
Tgt Ion:173 Resp: 1415

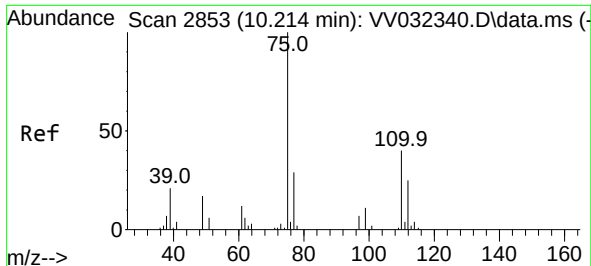
Ion Ratio Lower Upper

173 100

175 48.1 38.2 57.2

254 0.0 7.0 10.4#

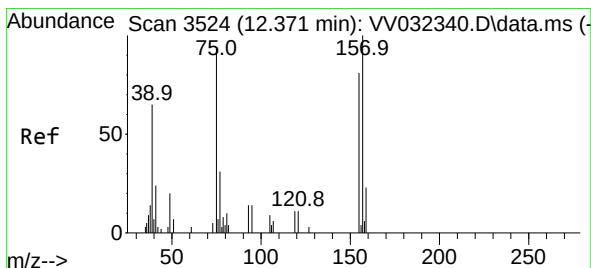
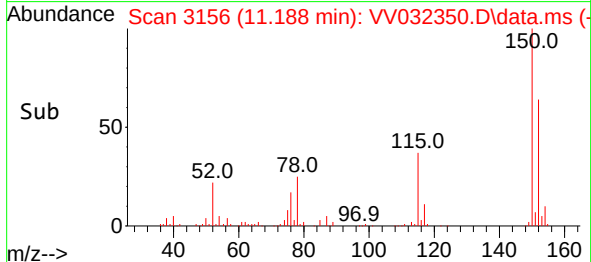
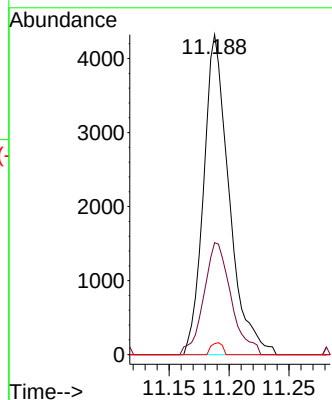
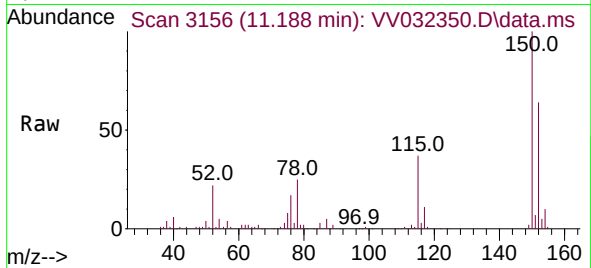




#61
1,2,3-Trichloropropane
Concen: 1.152 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032350.D
Acq: 10 Oct 2023 00:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6393
Ion Ratio Lower Upper
75 100
77 37.5 26.2 39.2
110 1.7 30.6 46.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.233 ug/L
RT: 12.198 min Scan# 3470
Delta R.T. -0.173 min
Lab File: VV032350.D
Acq: 10 Oct 2023 00:15

Tgt Ion: 75 Resp: 264
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#

