

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
 Data File : VV032322.D
 Acq On : 09 Oct 2023 12:34
 Operator : SY/MD
 Sample : 04708-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 14:04:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

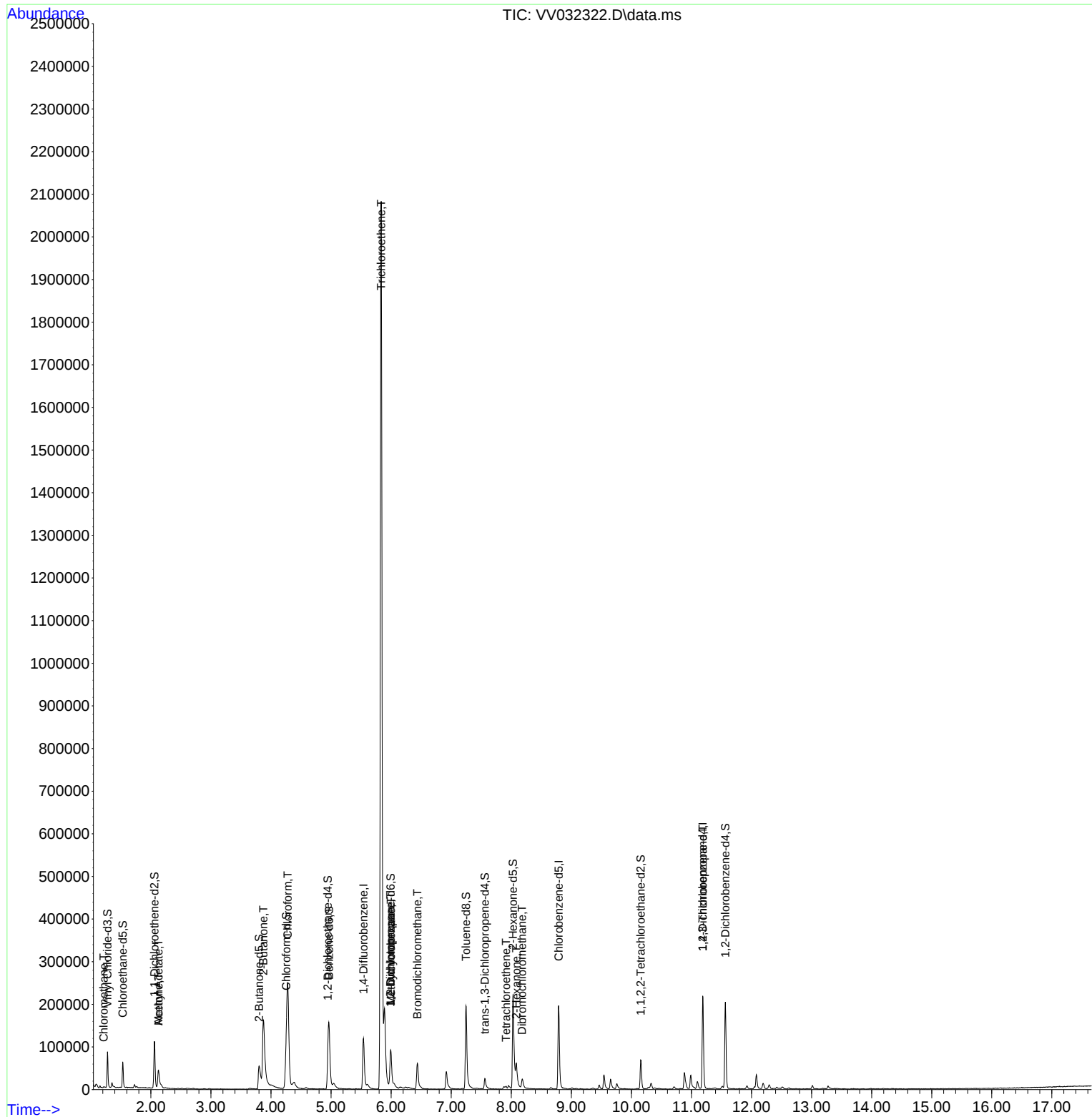
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	102349	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47386	5.693	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.800%
7) Chloroethane-d5	1.532	69	37763	5.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.059	65	18242	5.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	3.802	46	98813	46.927	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.860%
24) Chloroform-d	4.252	84	83776	5.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.200%
26) 1,2-Dichloroethane-d4	4.947	65	36268	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.966	84	145380	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.992	67	46646	4.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.246	98	140281	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.561	79	16950	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.030	63	83651	45.043	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.080%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34599	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	49825	4.819	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1727	0.150	ug/L	86
13) Acetone	2.127	43	55548	34.227	ug/L	97
15) Methyl Acetate	2.127	43	54791	14.996	ug/L #	53
21) 2-Butanone	3.873	43	293906	115.804	ug/L	95
25) Chloroform	4.278	83	238148	15.007	ug/L	100
34) Trichloroethene	5.834	95	733549	66.799	ug/L	98
35) Methylcyclohexane	5.995	83	11085	0.652	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	5081	0.472	ug/L #	87
38) Bromodichloromethane	6.436	83	48180	3.769	ug/L	100
47) Tetrachloroethene	7.915	164	1571	0.189	ug/L	94
48) 2-Hexanone	8.085	43	40888	8.512	ug/L	97
49) Dibromochloromethane	8.181	129	8862	1.122	ug/L	99
61) 1,2,3-Trichloropropane	11.188	75	7053	1.189	ug/L #	66

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

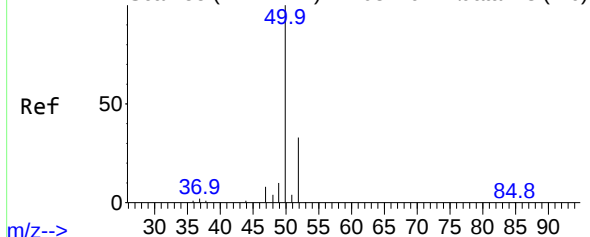
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
Data File : VV032322.D
Acq On : 09 Oct 2023 12:34
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 07 05:00:49 2023
Response via : Initial Calibration

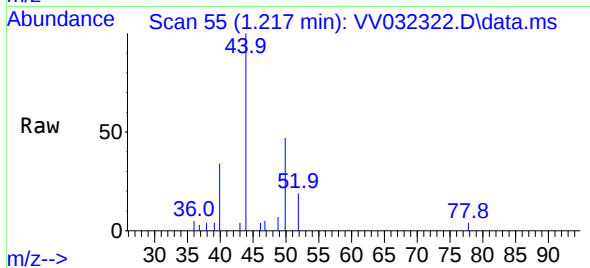


Abundance Scan 55 (1.217 min): VV032291.D\data.ms (-46)

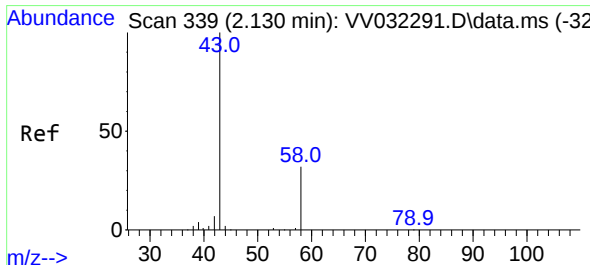
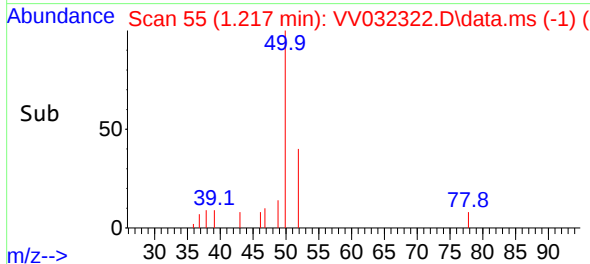
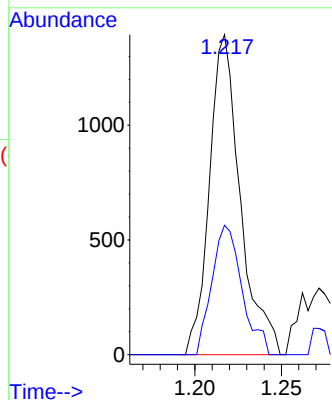


#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Instrument :
MSVOA_V
ClientSampleId :

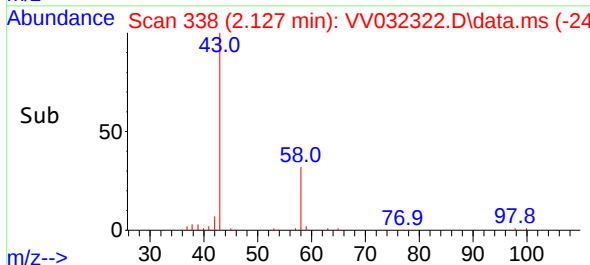
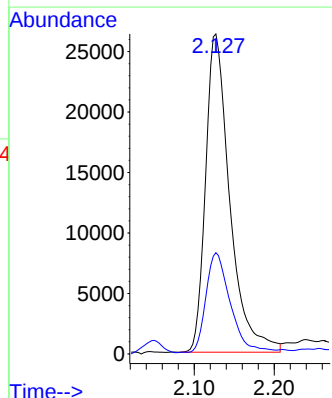
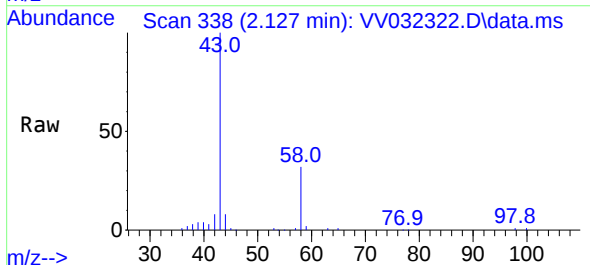


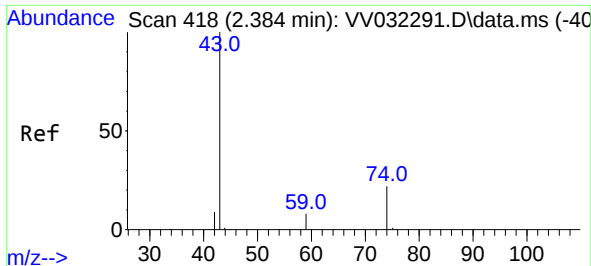
Tgt Ion: 50 Resp: 1727
Ion Ratio Lower Upper
50 100
52 40.4 23.0 42.6



#13
Acetone
Concen: 34.227 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Tgt Ion: 43 Resp: 55548
Ion Ratio Lower Upper
43 100
58 31.2 0.0 66.0

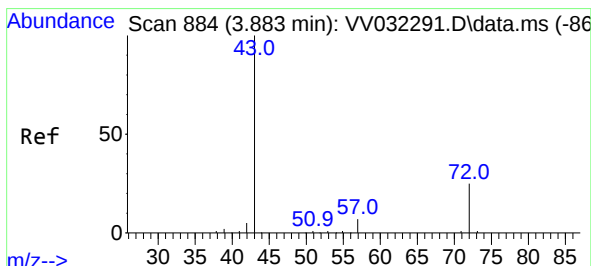
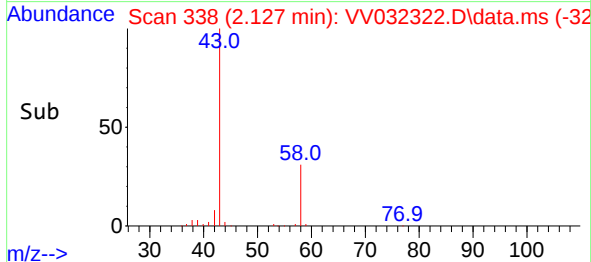
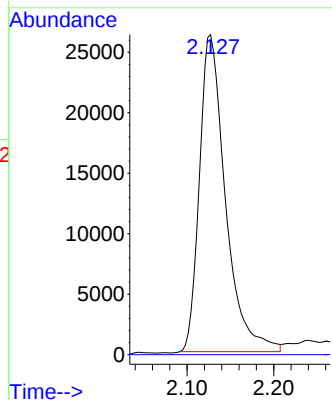
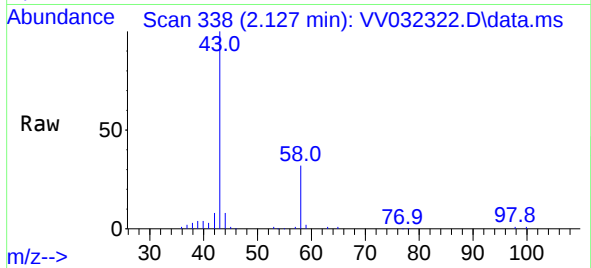




#15
Methyl Acetate
Concen: 14.996 ug/L
RT: 2.127 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

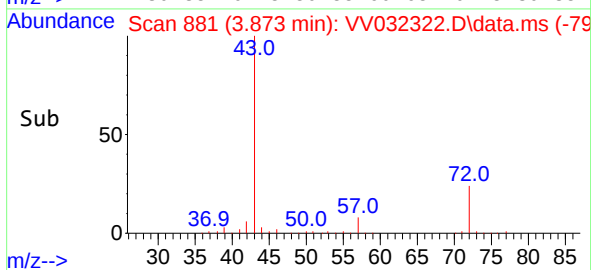
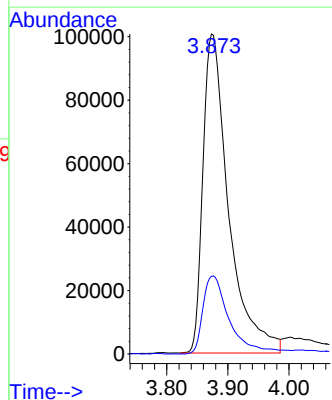
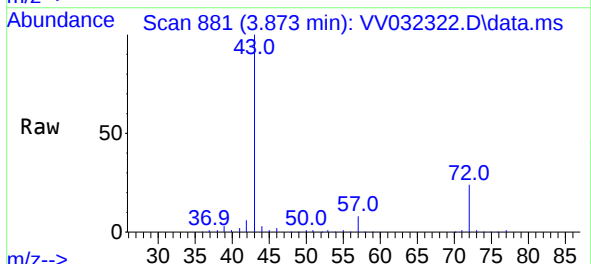
Instrument :
MSVOA_V
ClientSampleId :

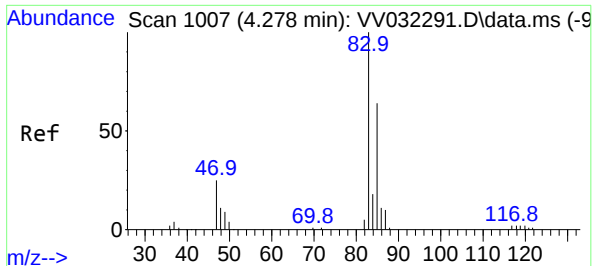
Tgt Ion: 43 Resp: 54791
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#21
2-Butanone
Concen: 115.804 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.010 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Tgt Ion: 43 Resp: 293906
Ion Ratio Lower Upper
43 100
72 25.6 11.6 34.8

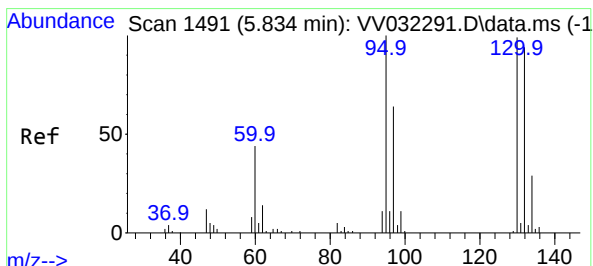
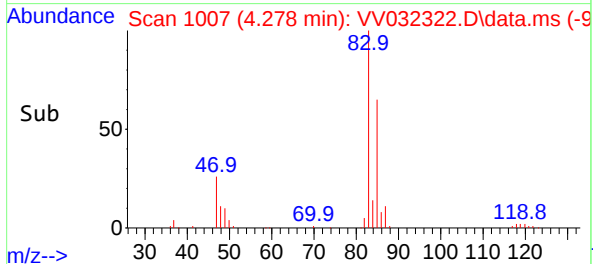
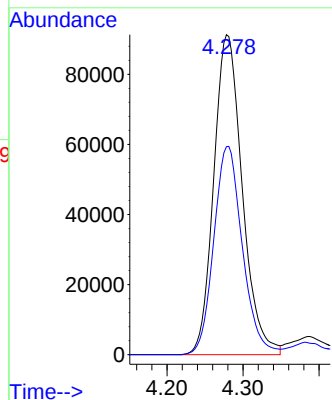
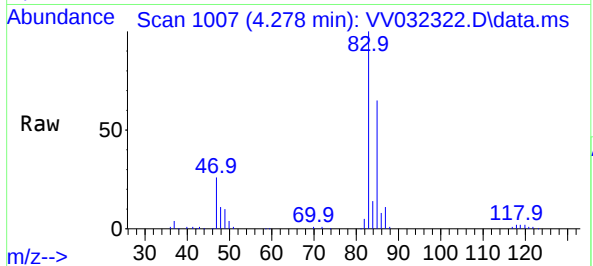




#25
Chloroform
Concen: 15.007 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

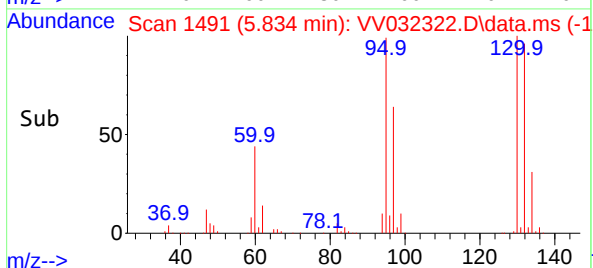
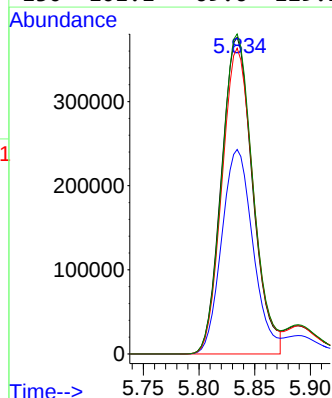
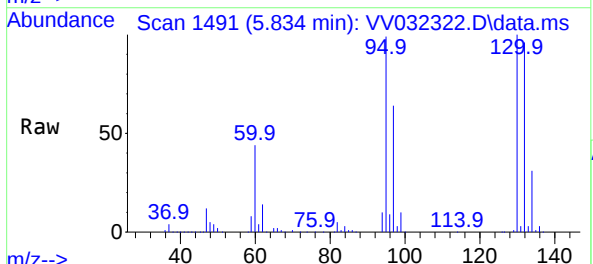
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MSVOA_V
ClientSampleId :

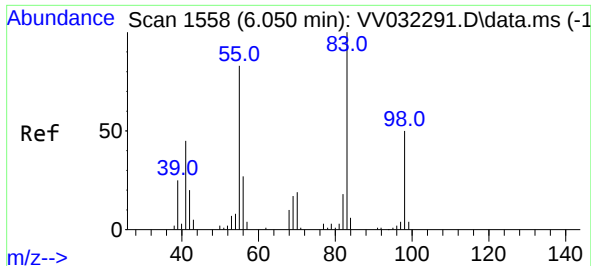
Tgt Ion: 83 Resp: 238148
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.4



#34
Trichloroethene
Concen: 66.799 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Tgt Ion: 95 Resp: 733549
Ion Ratio Lower Upper
95 100
97 64.6 45.7 84.9
132 96.6 70.3 130.5
130 101.1 69.6 129.2

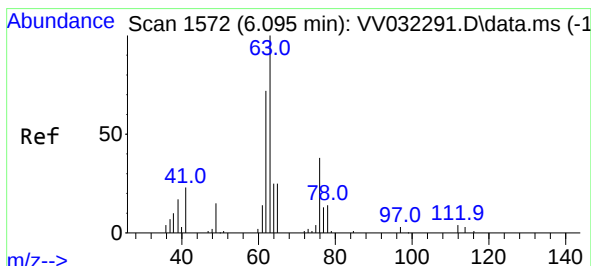
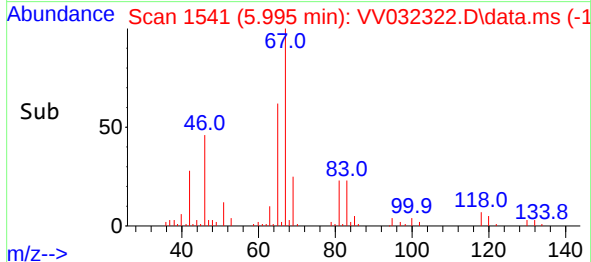
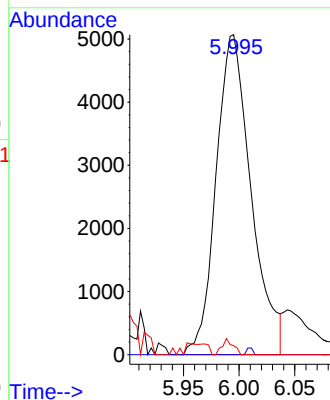
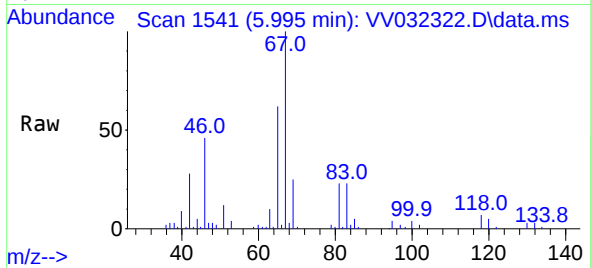




#35
Methylcyclohexane
Concen: 0.652 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

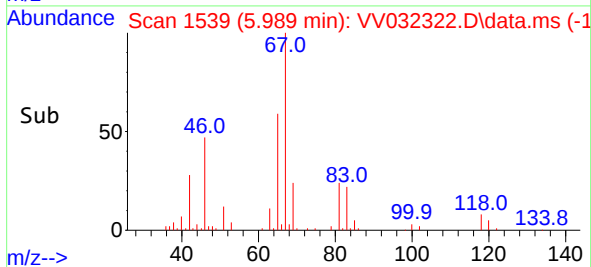
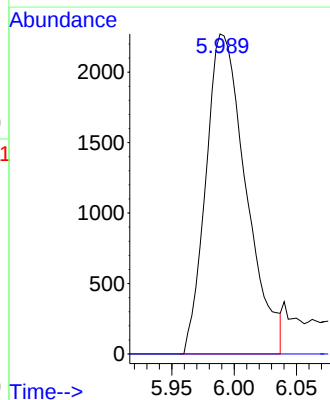
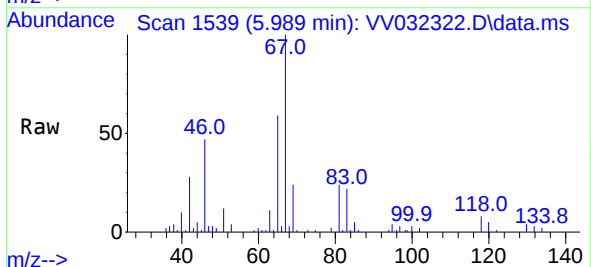
Instrument :
MSVOA_V
ClientSampleId :

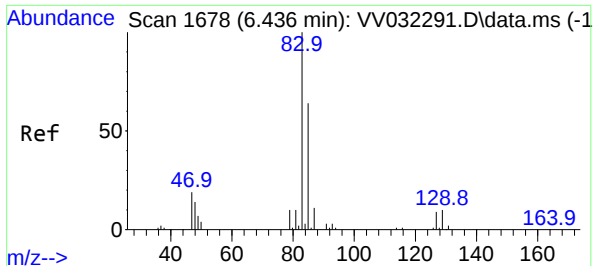
Tgt Ion: 83 Resp: 11085
Ion Ratio Lower Upper
83 100
55 0.4 64.2 96.2#
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

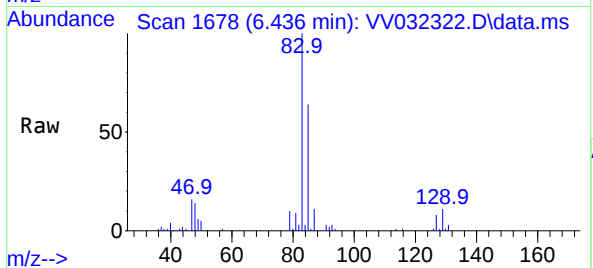
Tgt Ion: 63 Resp: 5081
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



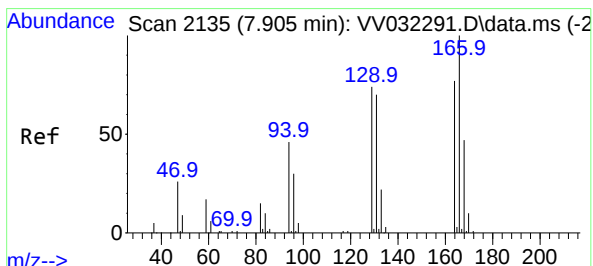
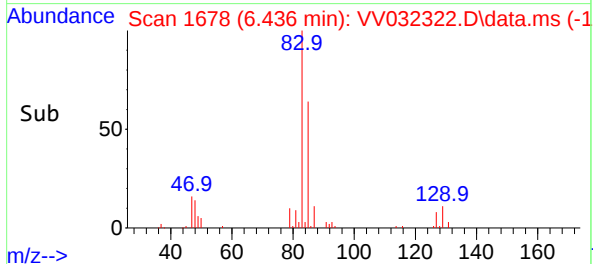
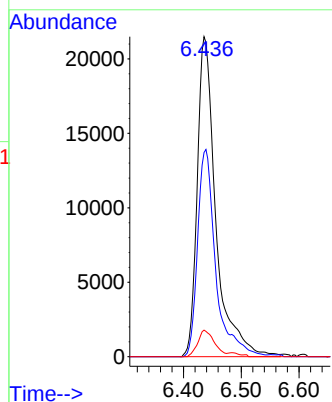


#38
Bromodichloromethane
Concen: 3.769 ug/L
RT: 6.436 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Instrument :
MSVOA_V
ClientSampleId :

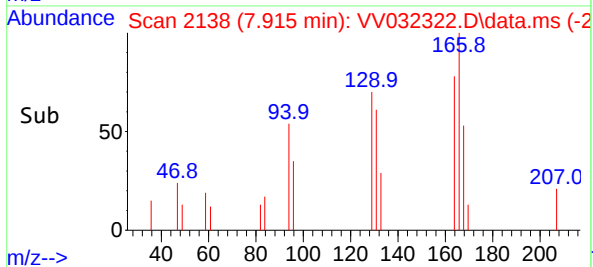
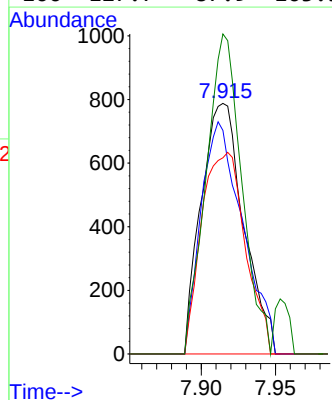
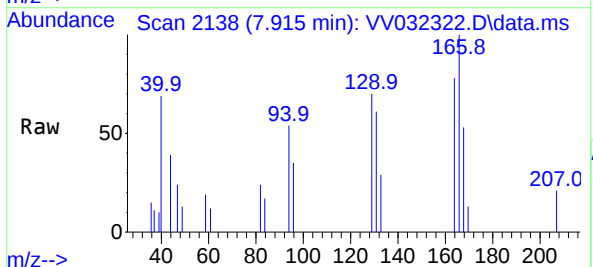


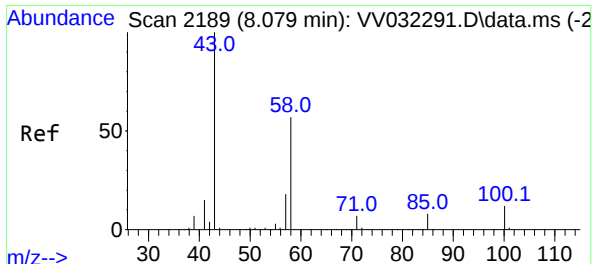
Tgt Ion: 83 Resp: 48180
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.3
127 8.3 6.9 10.3



#47
Tetrachloroethene
Concen: 0.189 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.010 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Tgt Ion:164 Resp: 1571
Ion Ratio Lower Upper
164 100
129 89.2 66.4 123.4
131 78.3 63.7 118.3
166 127.7 87.9 163.3



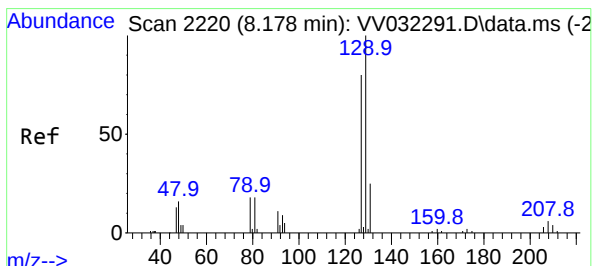
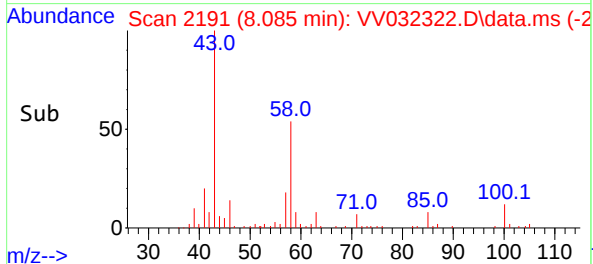
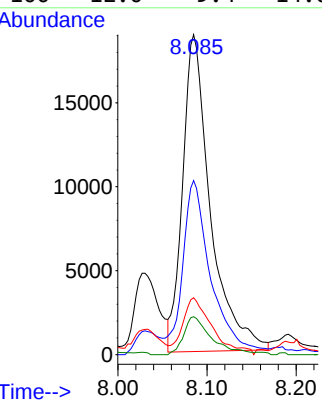
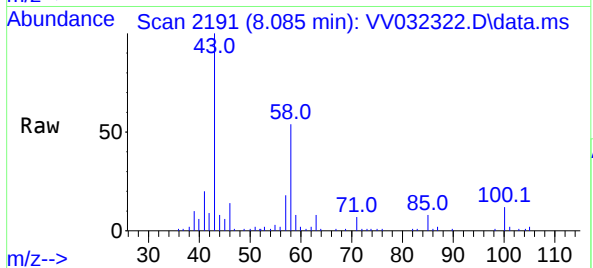


#48
2-Hexanone
Concen: 8.512 ug/L
RT: 8.085 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 40888

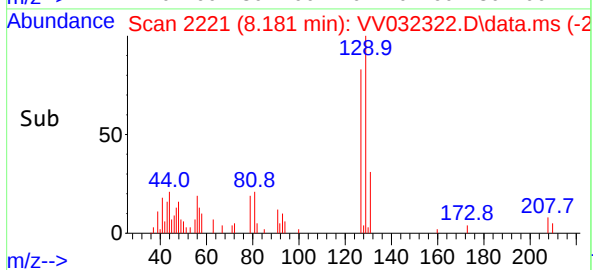
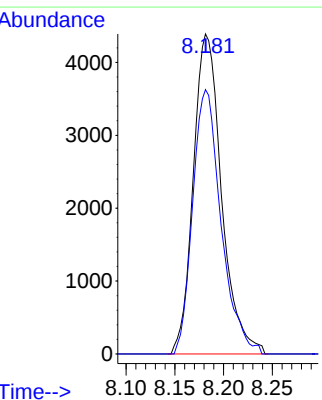
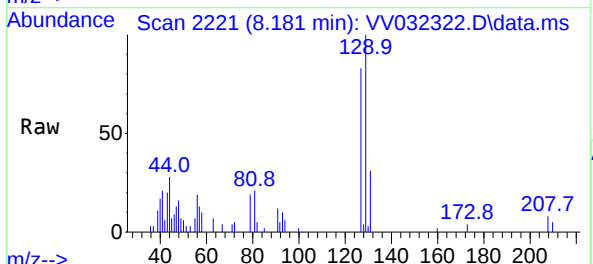
Ion	Ratio	Lower	Upper
43	100		
58	52.3	43.6	65.4
57	19.2	14.6	22.0
100	12.0	9.4	14.0

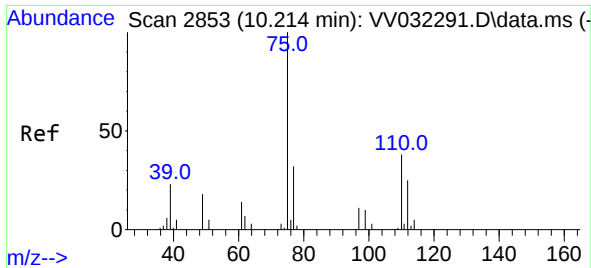


#49
Dibromochloromethane
Concen: 1.122 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Tgt Ion: 129 Resp: 8862

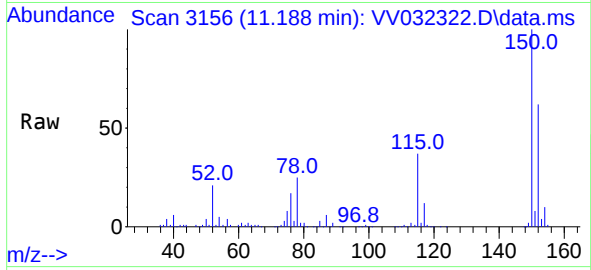
Ion	Ratio	Lower	Upper
129	100		
127	82.6	57.2	106.2





#61
1,2,3-Trichloropropane
Concen: 1.189 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032322.D
Acq: 09 Oct 2023 12:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	75	Resp:	7053
Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.2	39.2
110	1.5	30.6	46.0

