

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033313.D
 Acq On : 14 Dec 2023 06:19
 Operator : SY/MD
 Sample : 05770-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY85

Quant Time: Dec 14 07:51:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

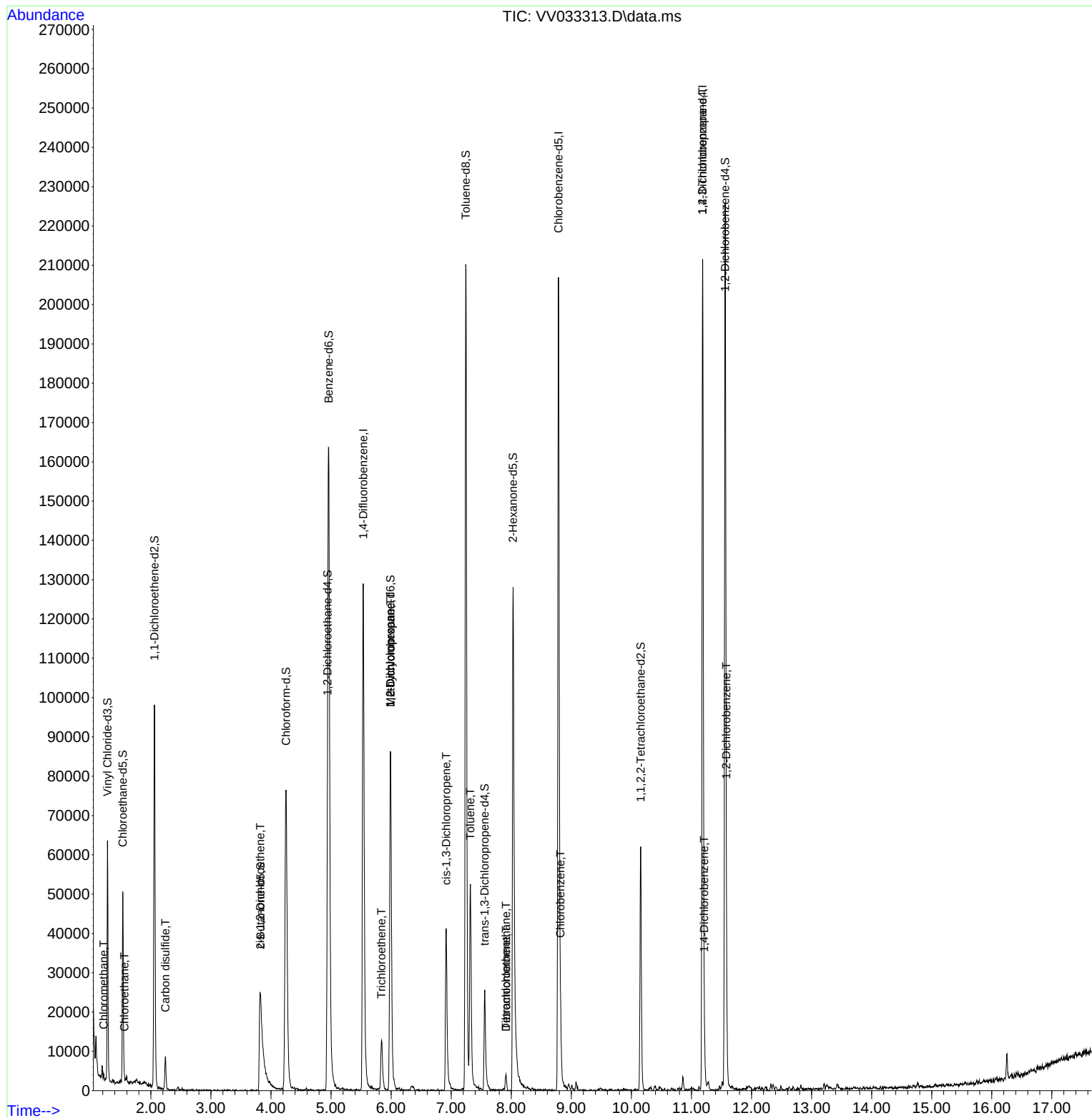
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	124960	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	124463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	63263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36181	4.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.532	69	29935	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.059	65	15089	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	3.825	46	40680	42.912	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.820%
24) Chloroform-d	4.249	84	85312	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	4.940	65	39964	5.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.960	84	163358	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.989	67	39006	5.322	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.243	98	151393	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.558	79	16832	5.035	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.030	63	52817	56.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	26866	5.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	63586	5.707	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1249	0.140	ug/L	90
8) Chloroethane	1.561	64	1300	0.250	ug/L #	42
14) Carbon disulfide	2.243	76	9910	0.425	ug/L	98
22) cis-1,2-Dichloroethene	3.821	96	4131	0.462	ug/L	94
34) Trichloroethene	5.837	95	4589	0.472	ug/L	94
35) Methylcyclohexane	5.989	83	12090	0.839	ug/L #	22
37) 1,2-Dichloropropane	5.989	63	4628	0.690	ug/L #	81
39) cis-1,3-Dichloropropene	6.918	75	1343	0.123	ug/L #	34
42) Toluene	7.320	91	41549	1.088	ug/L	99
47) Tetrachloroethene	7.911	164	1137	0.124	ug/L #	65
49) Dibromochloromethane	7.915	129	913	0.126	ug/L #	11
51) Chlorobenzene	8.818	112	10923	0.417	ug/L	95
61) 1,2,3-Trichloropropane	11.185	75	6594	1.967	ug/L #	59
65) 1,4-Dichlorobenzene	11.213	146	3562	0.168	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	6364	0.347	ug/L	92

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

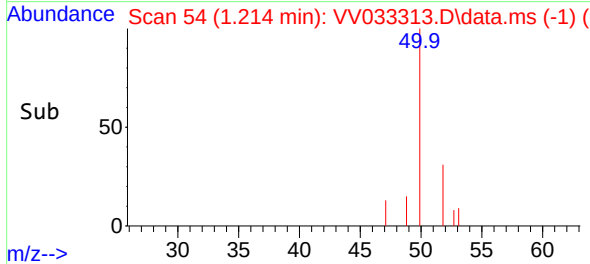
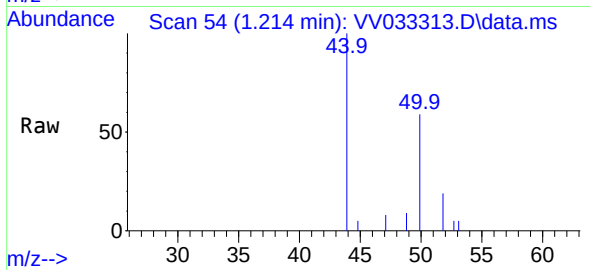
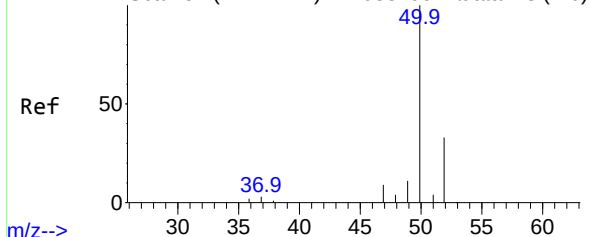
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033313.D
Acq On : 14 Dec 2023 06:19
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration



Abundance Scan 54 (1.214 min): VV033299.D\data.ms (-46)



#3

Chloromethane

Concen: 0.140 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV033313.D

Acq: 14 Dec 2023 06:19

Instrument :

MSVOA_V

ClientSampleId :

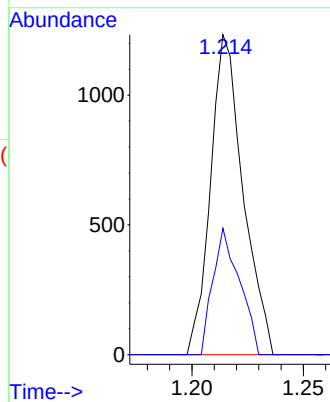
E0Y85

Tgt Ion: 50 Resp: 1249

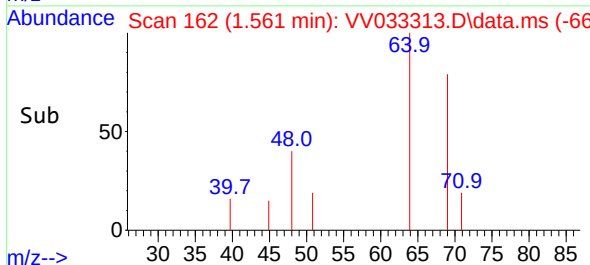
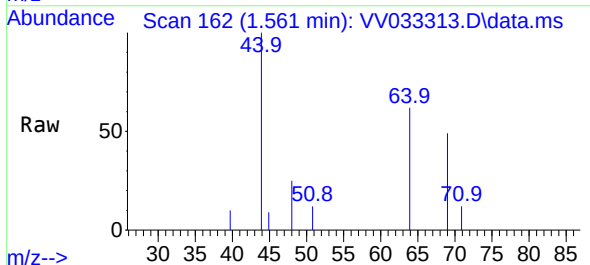
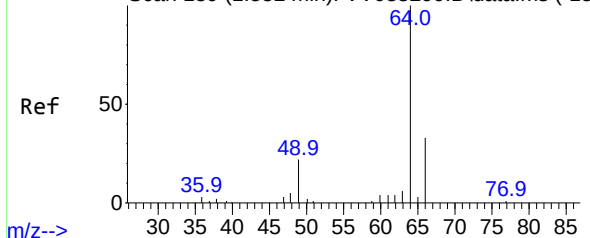
Ion Ratio Lower Upper

50 100

52 39.5 23.8 44.2



Abundance Scan 159 (1.552 min): VV033299.D\data.ms (-15)



#8

Chloroethane

Concen: 0.250 ug/L

RT: 1.561 min Scan# 162

Delta R.T. 0.010 min

Lab File: VV033313.D

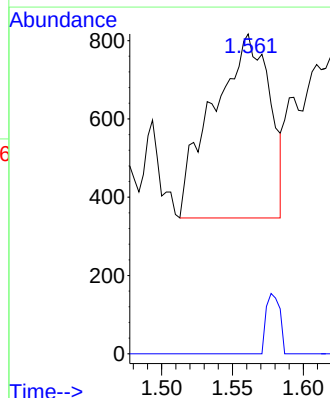
Acq: 14 Dec 2023 06:19

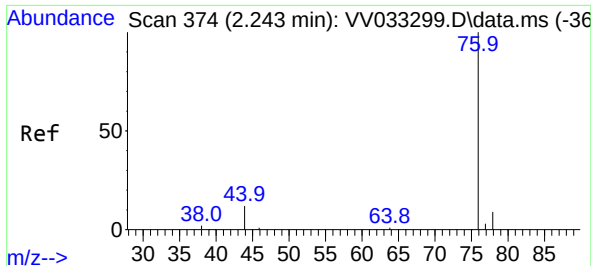
Tgt Ion: 64 Resp: 1300

Ion Ratio Lower Upper

64 100

66 0.0 22.9 42.5#

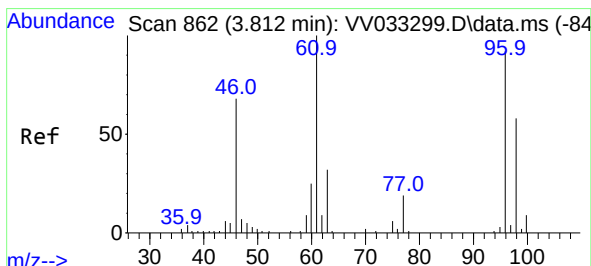
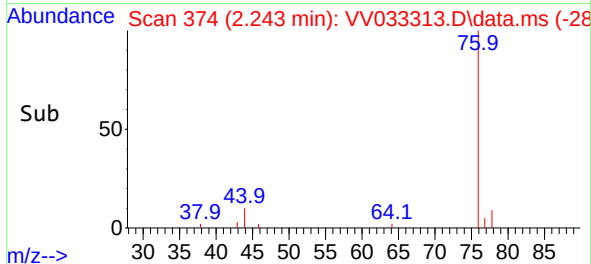
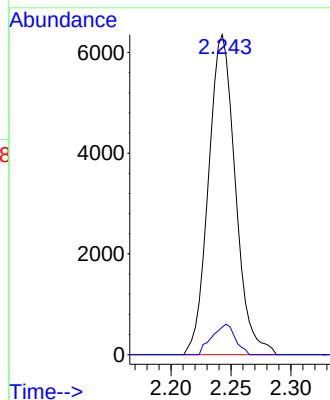
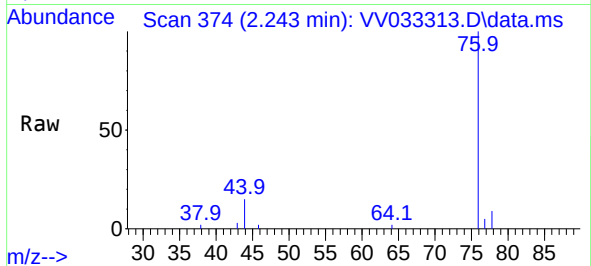




#14
Carbon disulfide
Concen: 0.425 ug/L
RT: 2.243 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033313.D
Acq: 14 Dec 2023 06:19

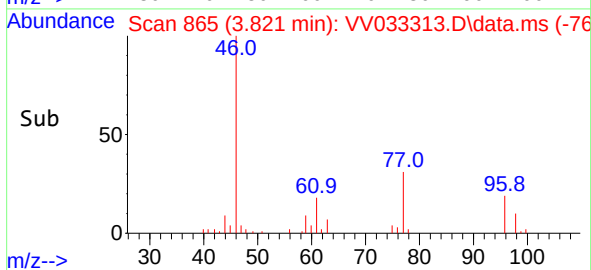
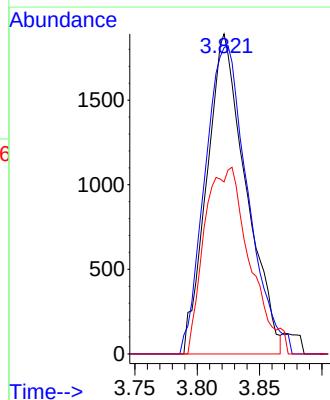
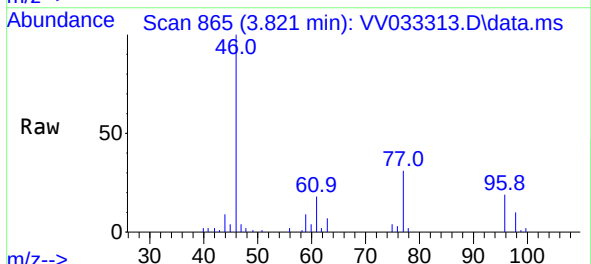
Instrument :
MSVOA_V
ClientSampleId :
E0Y85

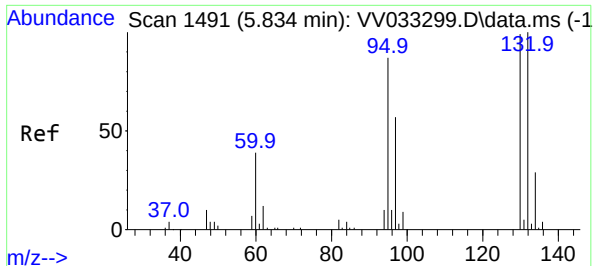
Tgt Ion: 76 Resp: 9910
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#22
cis-1,2-Dichloroethene
Concen: 0.462 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.010 min
Lab File: VV033313.D
Acq: 14 Dec 2023 06:19

Tgt Ion: 96 Resp: 4131
Ion Ratio Lower Upper
96 100
61 95.7 69.9 129.9
98 53.7 42.4 78.8



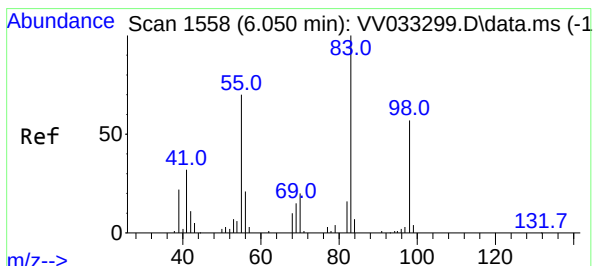
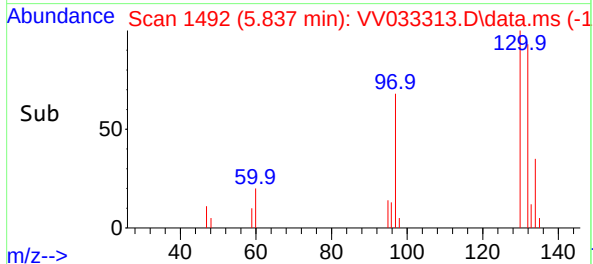
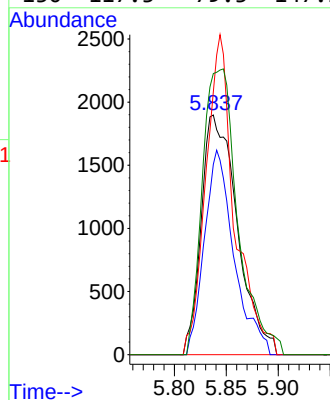
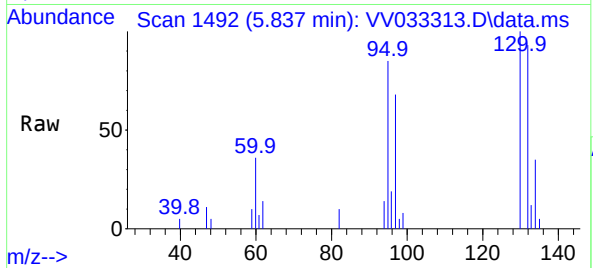


#34
Trichloroethene
Concen: 0.472 ug/L
RT: 5.837 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033313.D
Acq: 14 Dec 2023 06:19

Instrument :
MSVOA_V
ClientSampleId :
E0Y85

Tgt Ion: 95 Resp: 4589

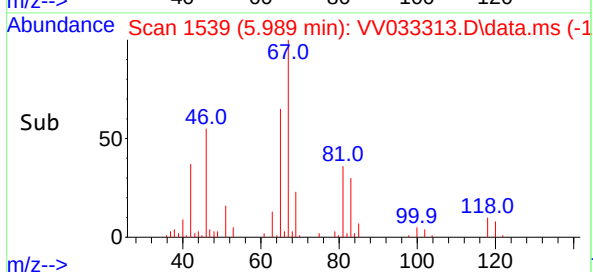
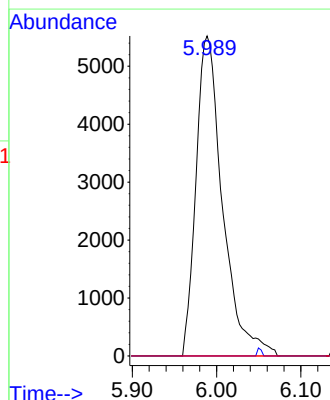
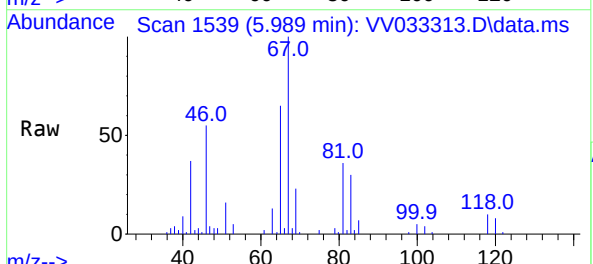
Ion	Ratio	Lower	Upper
95	100		
97	79.4	46.5	86.5
132	109.6	75.1	139.5
130	117.3	79.3	147.3

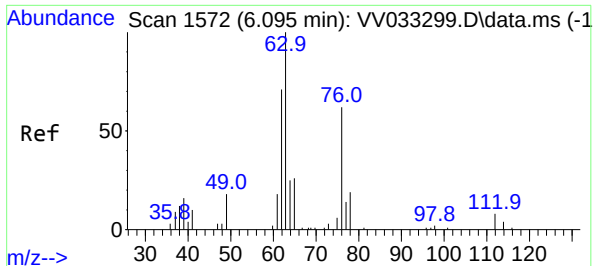


#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV033313.D
Acq: 14 Dec 2023 06:19

Tgt Ion: 83 Resp: 12090

Ion	Ratio	Lower	Upper
83	100		
55	0.4	50.7	76.1#
98	0.3	42.4	63.6#

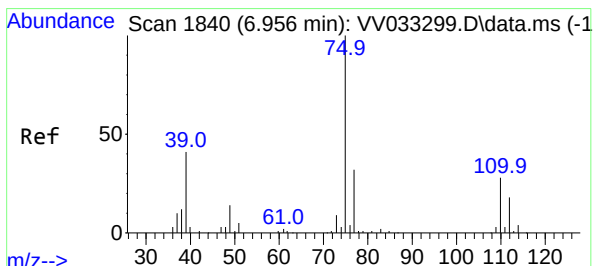
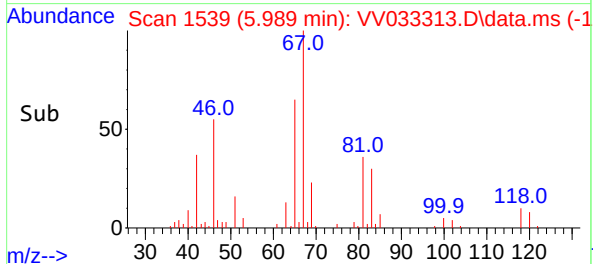
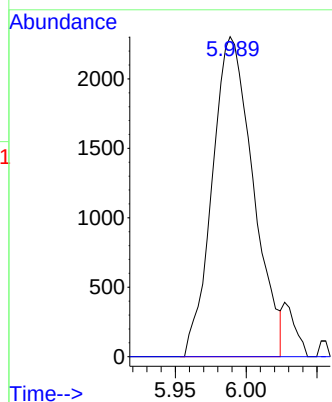
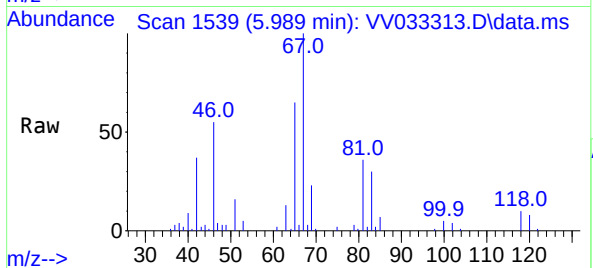




#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV033313.D
Acq: 14 Dec 2023 06:19

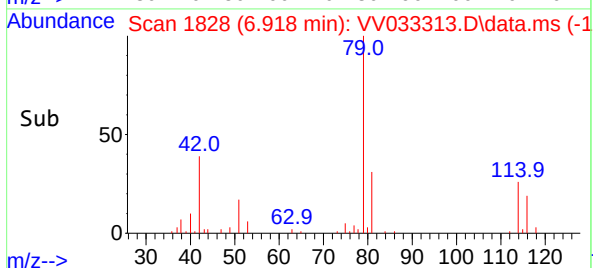
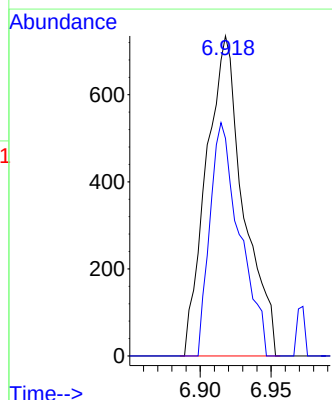
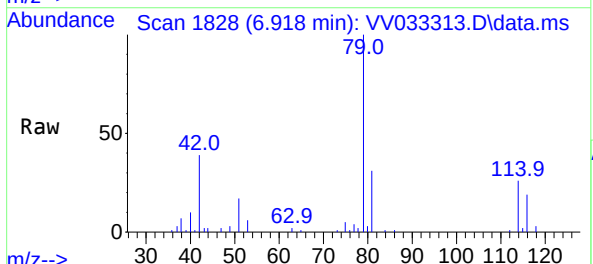
Instrument :
MSVOA_V
ClientSampleId :
E0Y85

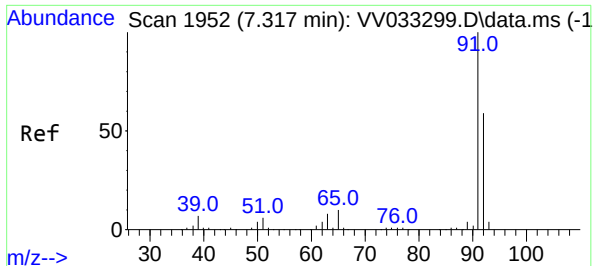
Tgt Ion: 63 Resp: 4628
Ion Ratio Lower Upper
63 100
112 0.0 5.0 7.6#



#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.039 min
Lab File: VV033313.D
Acq: 14 Dec 2023 06:19

Tgt Ion: 75 Resp: 1343
Ion Ratio Lower Upper
75 100
77 68.0 22.1 41.1#





#42

Toluene

Concen: 1.088 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033313.D

Acq: 14 Dec 2023 06:19

Instrument :

MSVOA_V

ClientSampleId :

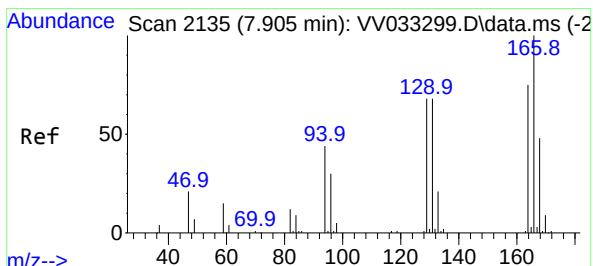
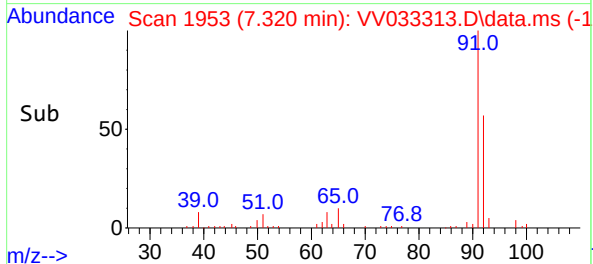
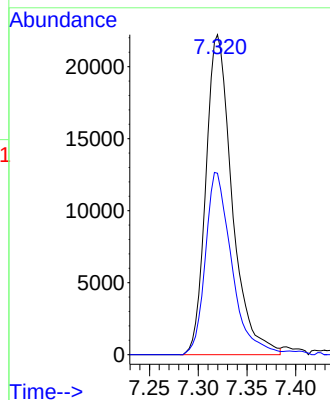
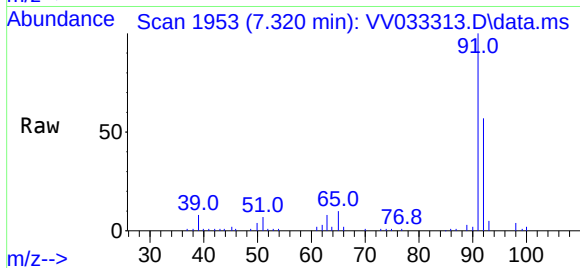
E0Y85

Tgt Ion: 91 Resp: 41549

Ion Ratio Lower Upper

91 100

92 56.7 40.2 74.6



#47

Tetrachloroethene

Concen: 0.124 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV033313.D

Acq: 14 Dec 2023 06:19

Tgt Ion: 164 Resp: 1137

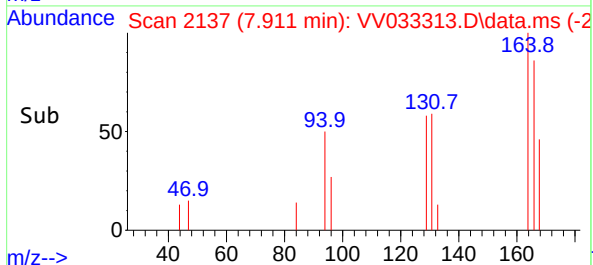
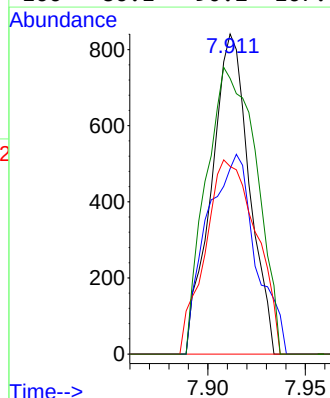
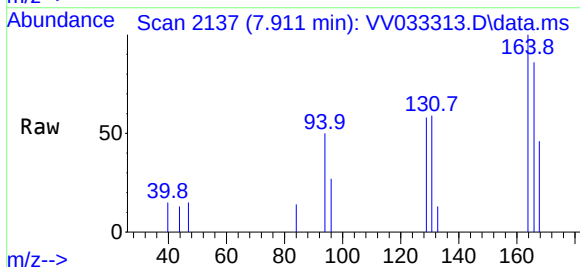
Ion Ratio Lower Upper

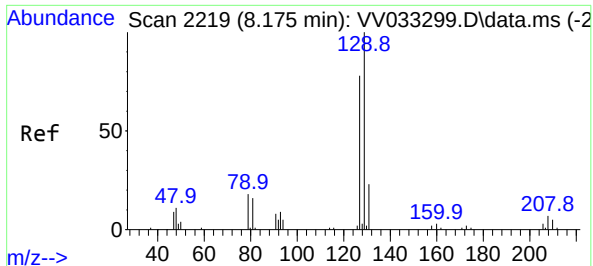
164 100

129 57.9 62.6 116.3#

131 58.6 62.6 116.3#

166 86.1 90.2 167.6#





#49

Dibromochloromethane

Concen: 0.126 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.260 min

Lab File: VV033313.D

Acq: 14 Dec 2023 06:19

Instrument :

MSVOA_V

ClientSampleId :

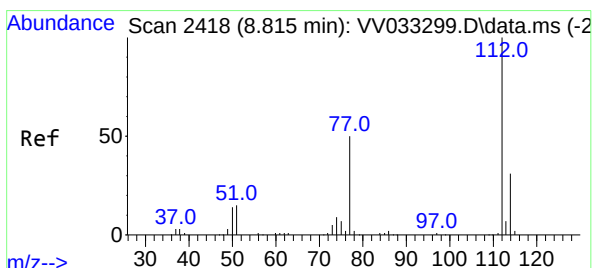
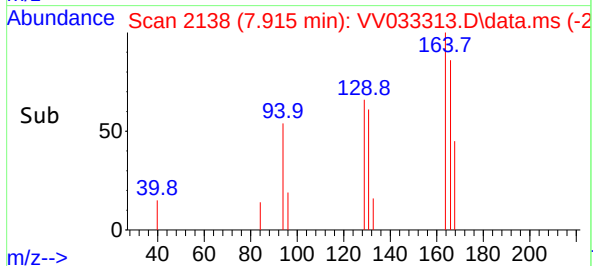
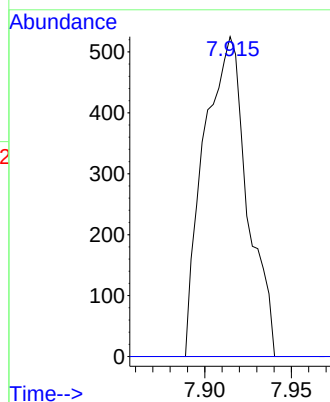
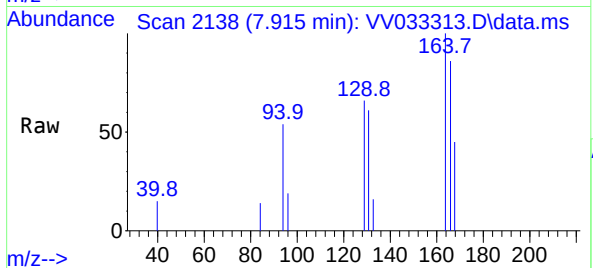
E0Y85

Tgt Ion:129 Resp: 913

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#51

Chlorobenzene

Concen: 0.417 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV033313.D

Acq: 14 Dec 2023 06:19

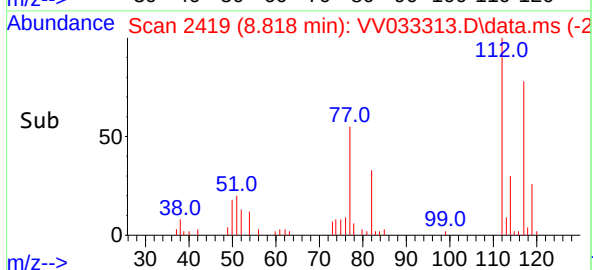
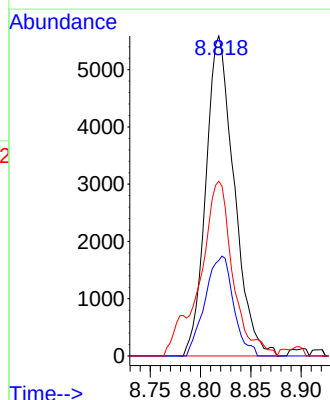
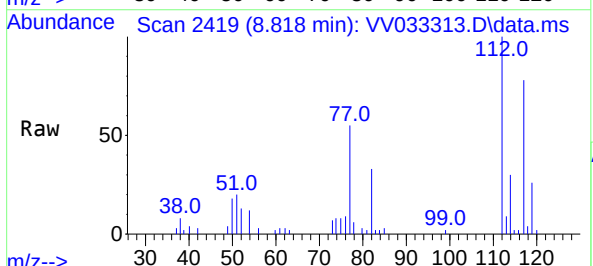
Tgt Ion:112 Resp: 10923

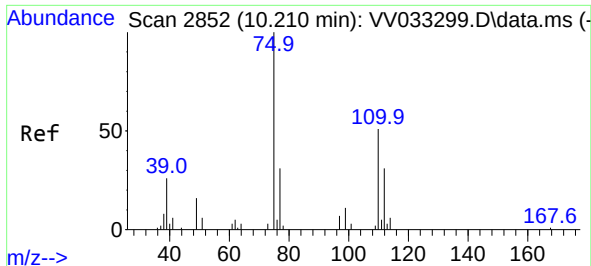
Ion Ratio Lower Upper

112 100

114 29.8 22.8 42.4

77 54.6 41.3 61.9

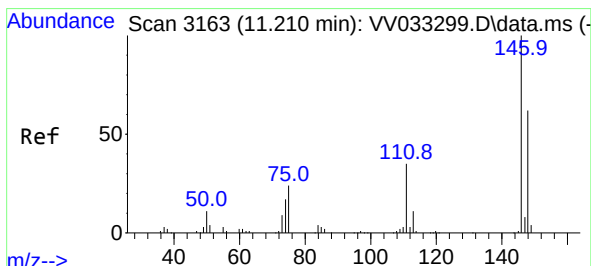
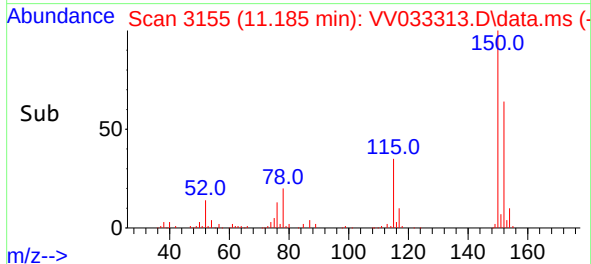
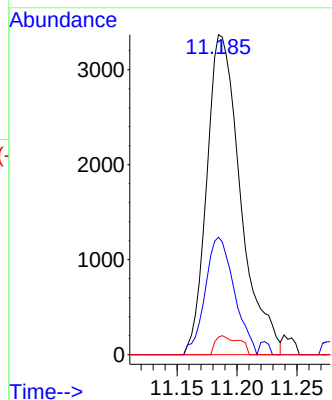
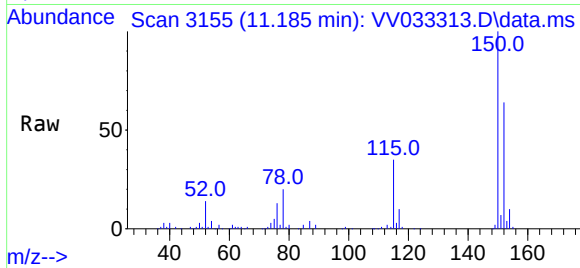




#61
1,2,3-Trichloropropane
Concen: 1.967 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV033313.D
Acq: 14 Dec 2023 06:19

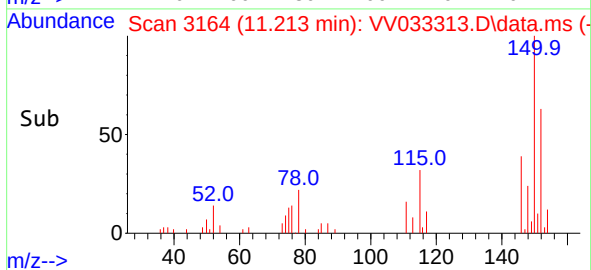
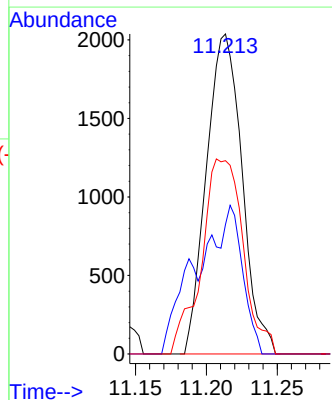
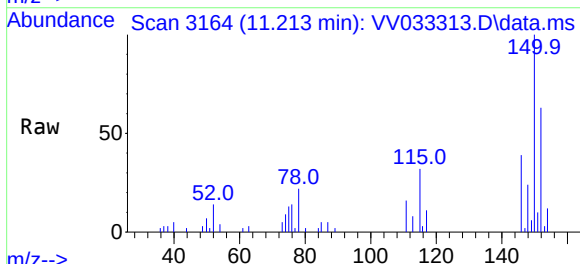
Instrument :
MSVOA_V
ClientSampleId :
E0Y85

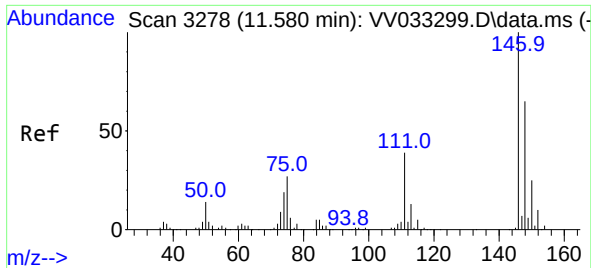
Tgt Ion: 75 Resp: 6594
Ion Ratio Lower Upper
75 100
77 31.7 27.4 41.2
110 4.2 39.4 59.2#



#65
1,4-Dichlorobenzene
Concen: 0.168 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV033313.D
Acq: 14 Dec 2023 06:19

Tgt Ion:146 Resp: 3562
Ion Ratio Lower Upper
146 100
111 40.4 25.6 47.4
148 60.4 44.7 82.9





#67
 1,2-Dichlorobenzene
 Concen: 0.347 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033313.D
 Acq: 14 Dec 2023 06:19

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y85

Tgt Ion:146 Resp: 6364
 Ion Ratio Lower Upper
 146 100
 111 43.9 31.0 46.4
 148 59.3 52.6 79.0

