

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033283.D
 Acq On : 13 Dec 2023 17:58
 Operator : SY/MD
 Sample : 05731-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY55

Quant Time: Dec 13 23:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

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

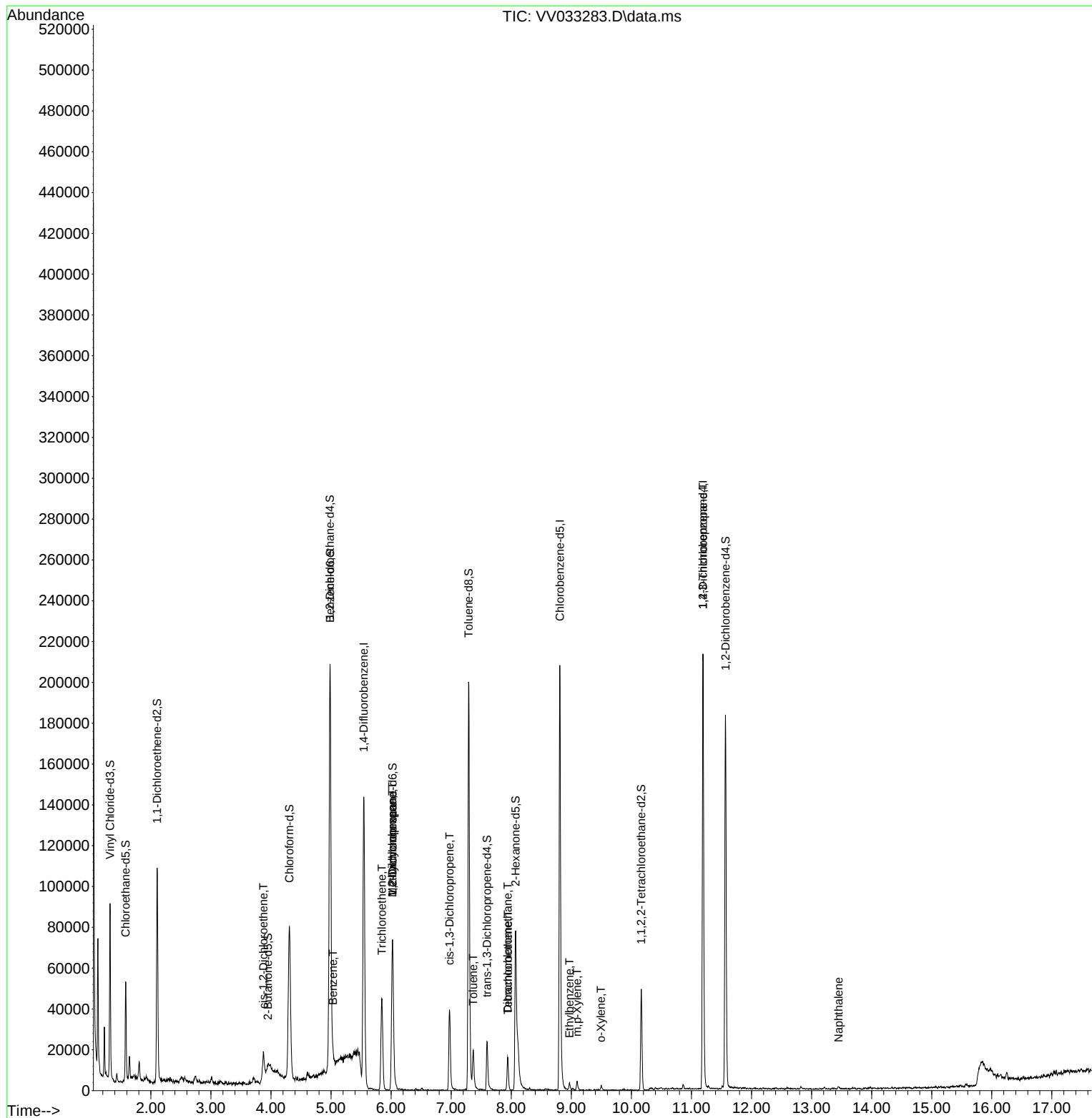
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	135981	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.808	117	131300	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	63390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	36900	4.233	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.580	69	30038	4.633	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.105	65	16799	4.842	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.950	46	12072	11.702	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	23.400%#
24) Chloroform-d	4.307	84	77985	4.289	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	4.982	65	42896	5.429	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.985	84	166212	4.894	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.024	67	34736	4.493	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.291	98	142621	4.309	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.596	79	14866	4.215	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.072	63	38403	39.003	ug/L	0.05
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.000%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	21062	4.028	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	53417	4.784	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.876	96	7460	0.766	ug/L #	80
33) Benzene	5.034	78	4827	0.137	ug/L	100
34) Trichloroethene	5.847	95	15349	1.496	ug/L	96
35) Methylcyclohexane	6.021	83	11622	0.765	ug/L #	23
37) 1,2-Dichloropropane	6.021	63	5250	0.742	ug/L #	81
39) cis-1,3-Dichloropropene	6.973	75	1275	0.111	ug/L #	48
42) Toluene	7.368	91	13869	0.344	ug/L	99
47) Tetrachloroethene	7.944	164	3681	0.379	ug/L	95
49) Dibromochloromethane	7.940	129	3440	0.450	ug/L #	11
52) Ethylbenzene	8.969	91	2839	0.063	ug/L	89
53) m,p-Xylene	9.095	106	1430	0.077	ug/L	80
54) o-Xylene	9.493	106	910	0.052	ug/L #	22
61) 1,2,3-Trichloropropane	11.191	75	5417	1.612	ug/L #	56
71) Naphthalene	13.451	128	1521	0.100	ug/L #	78

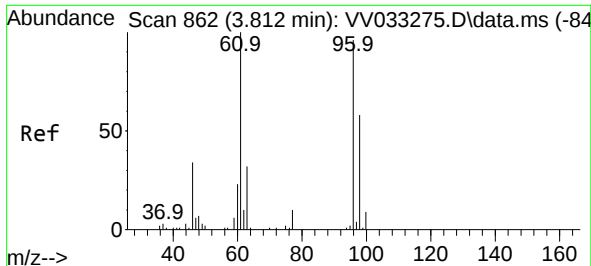
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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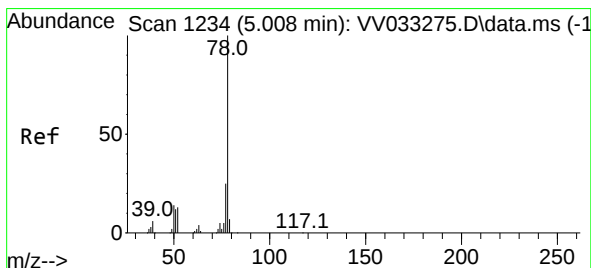
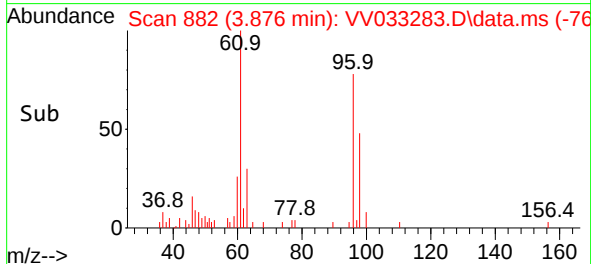
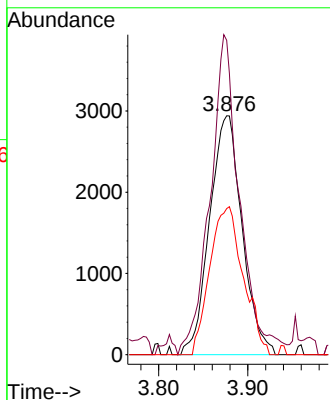
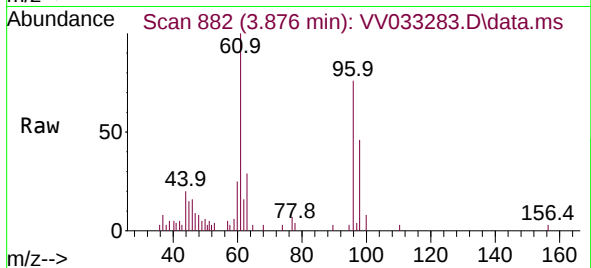




#22
 cis-1,2-Dichloroethene
 Concen: 0.766 ug/L
 RT: 3.876 min Scan# 81
 Delta R.T. 0.064 min
 Lab File: VV033283.D
 Acq: 13 Dec 2023 17:58

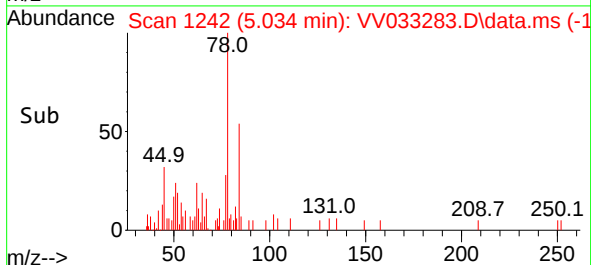
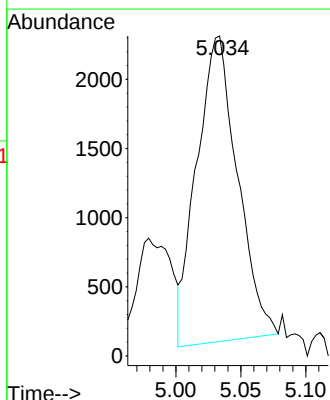
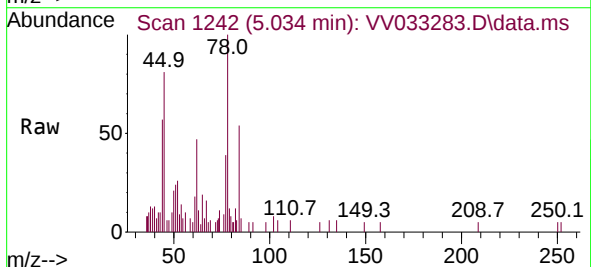
Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y55

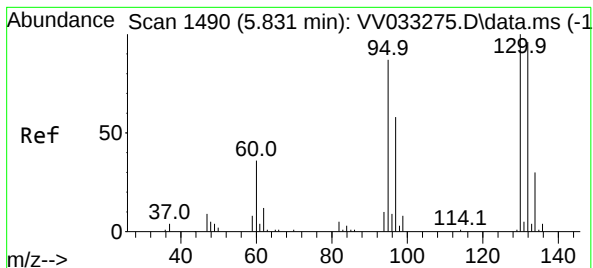
Tgt Ion: 96 Resp: 7460
 Ion Ratio Lower Upper
 96 100
 61 131.6 69.9 129.9#
 98 61.2 42.4 78.8



#33
 Benzene
 Concen: 0.137 ug/L
 RT: 5.034 min Scan# 1242
 Delta R.T. 0.026 min
 Lab File: VV033283.D
 Acq: 13 Dec 2023 17:58

Tgt Ion: 78 Resp: 4827





#34

Trichloroethene

Concen: 1.496 ug/L

RT: 5.847 min Scan# 1490

Delta R.T. 0.016 min

Lab File: VV033283.D

Acq: 13 Dec 2023 17:58

Instrument :

MSVOA_V

ClientSampleId :

E0Y55

Tgt Ion: 95 Resp: 15349

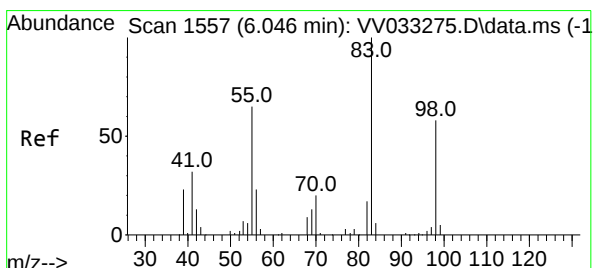
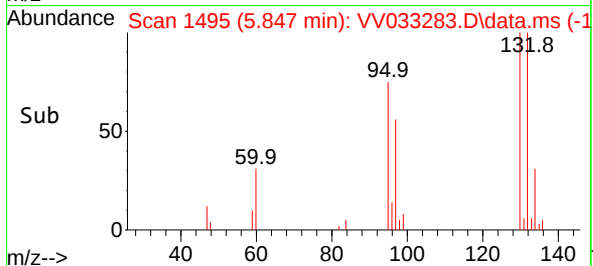
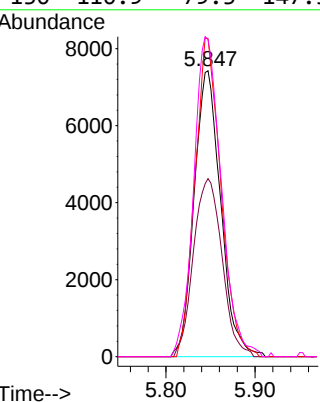
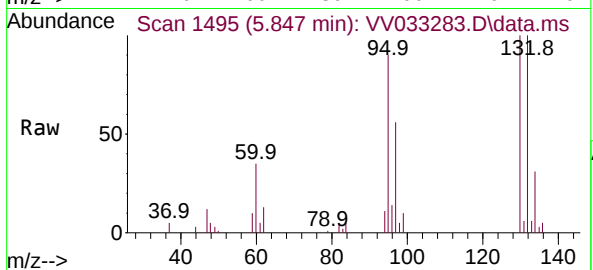
Ion Ratio Lower Upper

95 100

97 62.3 46.5 86.5

132 111.3 75.1 139.5

130 110.9 79.3 147.3



#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.021 min Scan# 1549

Delta R.T. -0.026 min

Lab File: VV033283.D

Acq: 13 Dec 2023 17:58

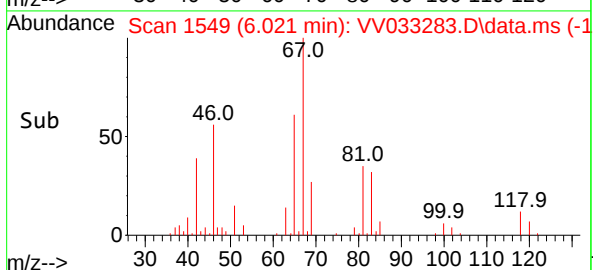
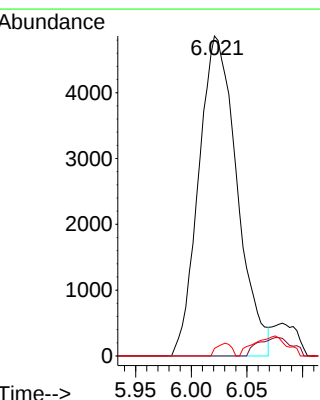
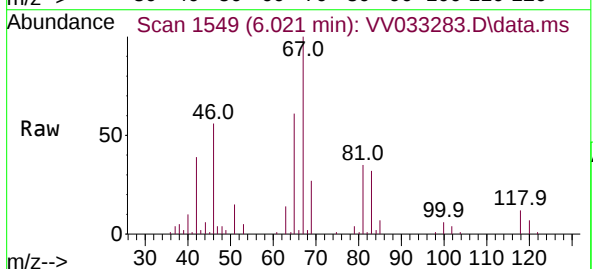
Tgt Ion: 83 Resp: 11622

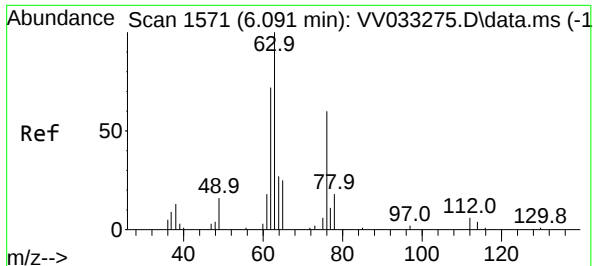
Ion Ratio Lower Upper

83 100

55 0.0 50.7 76.1#

98 1.5 42.4 63.6#

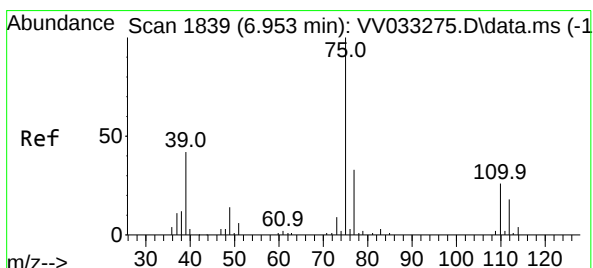
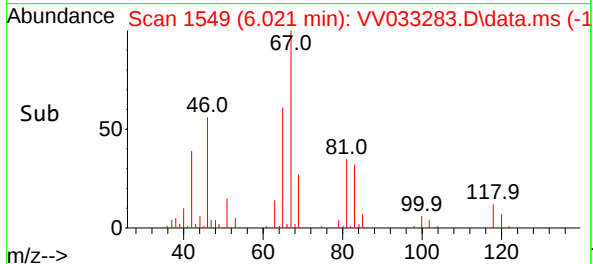
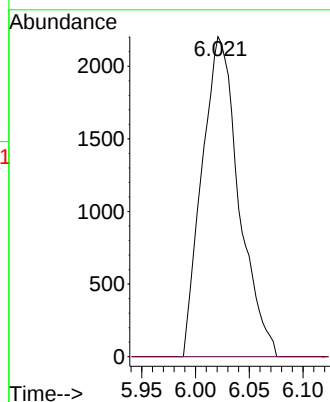
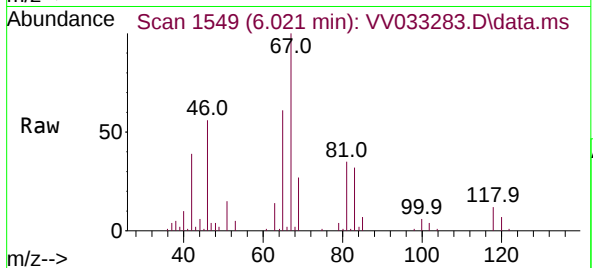




#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.021 min Scan# 11
Delta R.T. -0.071 min
Lab File: VV033283.D
Acq: 13 Dec 2023 17:58

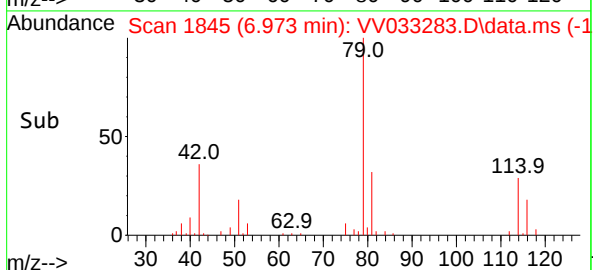
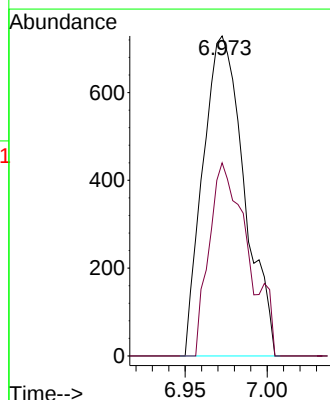
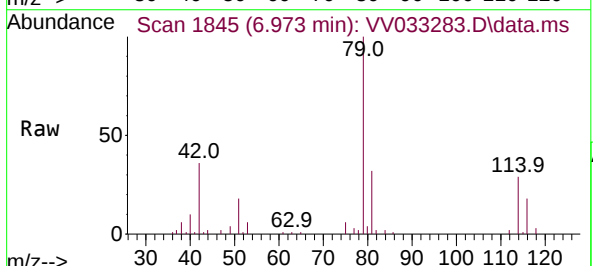
Instrument :
MSVOA_V
ClientSampleId :
E0Y55

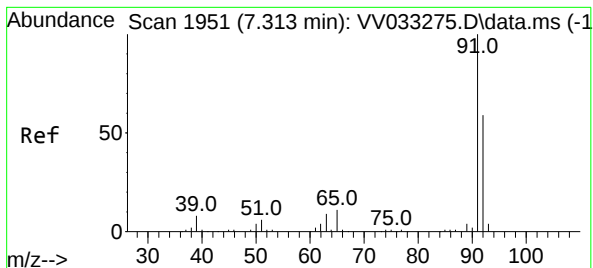
Tgt Ion: 63 Resp: 5250
Ion Ratio Lower Upper
63 100
112 0.0 5.0 7.6#



#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 6.973 min Scan# 1845
Delta R.T. 0.019 min
Lab File: VV033283.D
Acq: 13 Dec 2023 17:58

Tgt Ion: 75 Resp: 1275
Ion Ratio Lower Upper
75 100
77 60.4 22.1 41.1#





#42

Toluene

Concen: 0.344 ug/L

RT: 7.368 min Scan# 1951

Delta R.T. 0.055 min

Lab File: VV033283.D

Acq: 13 Dec 2023 17:58

Instrument :

MSVOA_V

ClientSampleId :

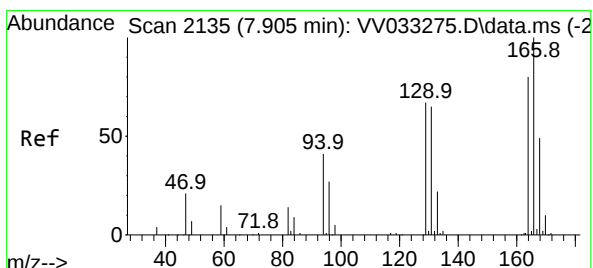
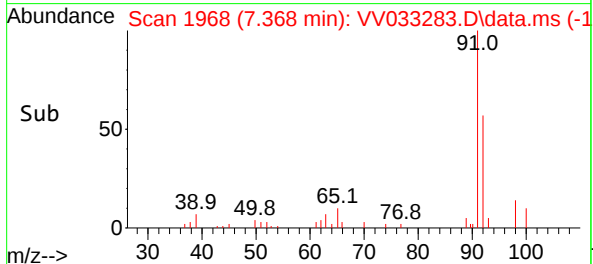
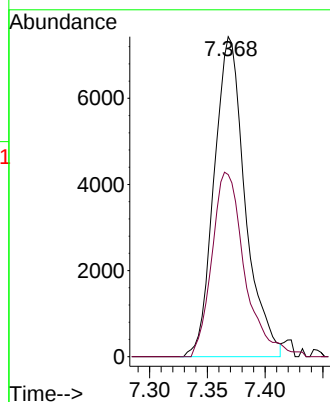
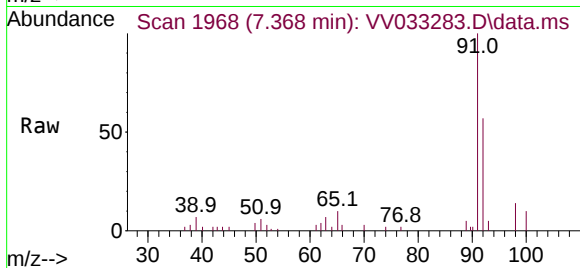
E0Y55

Tgt Ion: 91 Resp: 13869

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



#47

Tetrachloroethene

Concen: 0.379 ug/L

RT: 7.944 min Scan# 2147

Delta R.T. 0.039 min

Lab File: VV033283.D

Acq: 13 Dec 2023 17:58

Tgt Ion: 164 Resp: 3681

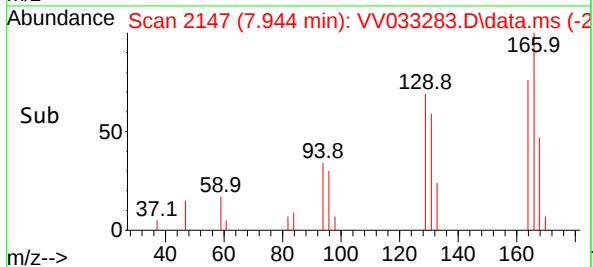
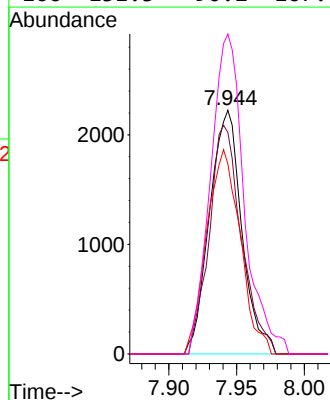
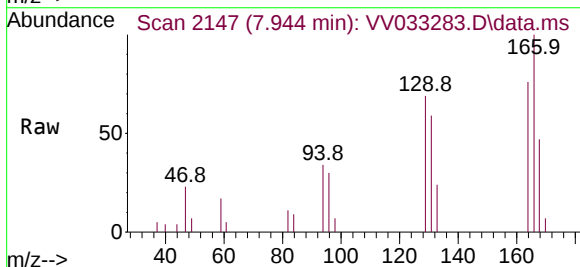
Ion Ratio Lower Upper

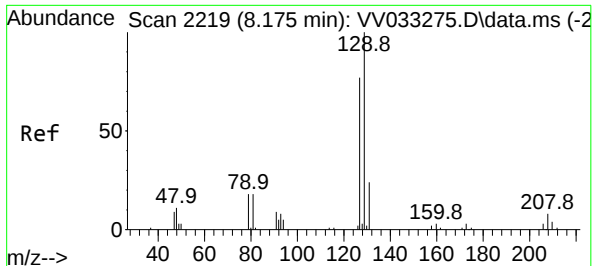
164 100

129 90.8 62.6 116.3

131 77.9 62.6 116.3

166 131.3 90.2 167.6





#49

Dibromochloromethane

Concen: 0.450 ug/L

RT: 7.940 min Scan# 2146

Delta R.T. -0.235 min

Lab File: VV033283.D

Acq: 13 Dec 2023 17:58

Instrument :

MSVOA_V

ClientSampleId :

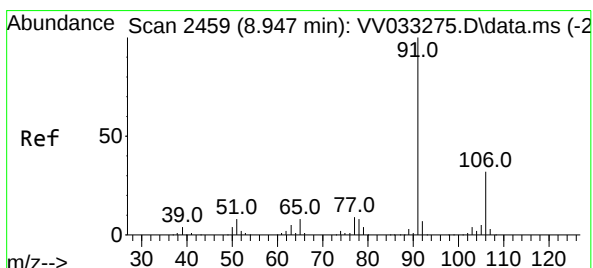
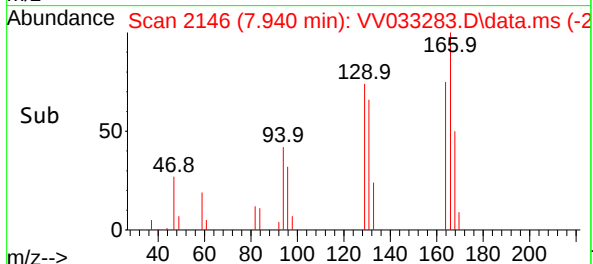
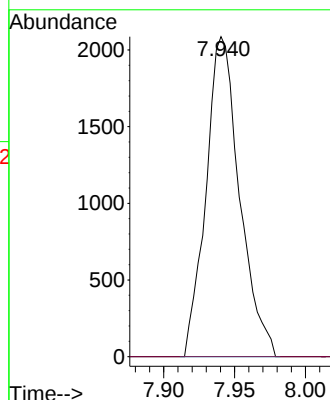
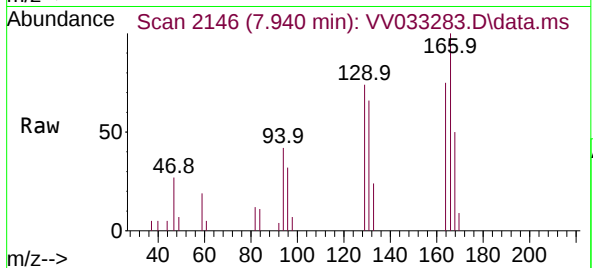
E0Y55

Tgt Ion:129 Resp: 3440

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#52

Ethylbenzene

Concen: 0.063 ug/L

RT: 8.969 min Scan# 2466

Delta R.T. 0.023 min

Lab File: VV033283.D

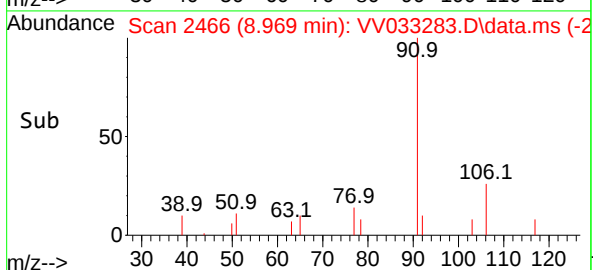
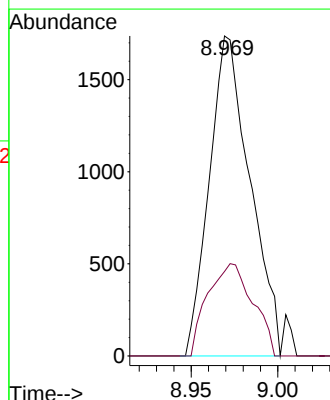
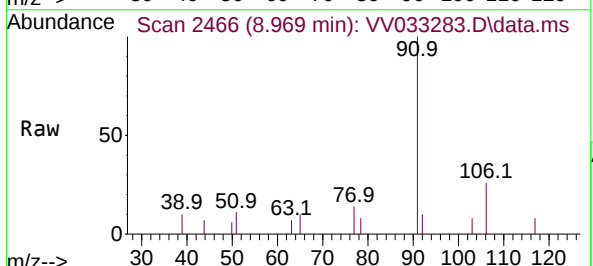
Acq: 13 Dec 2023 17:58

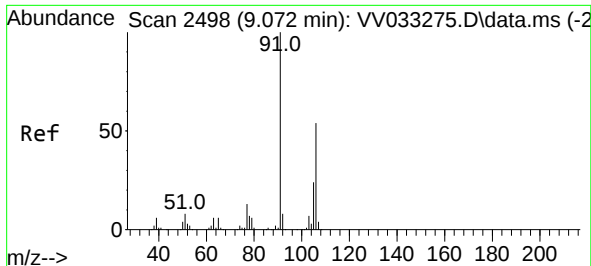
Tgt Ion: 91 Resp: 2839

Ion Ratio Lower Upper

91 100

106 26.4 22.7 42.3

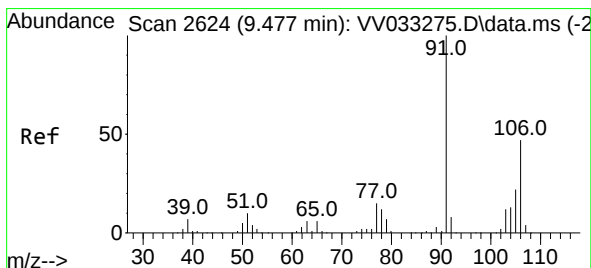
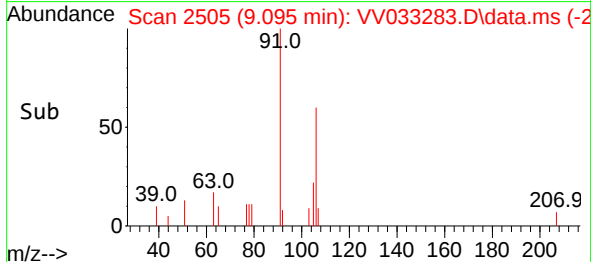
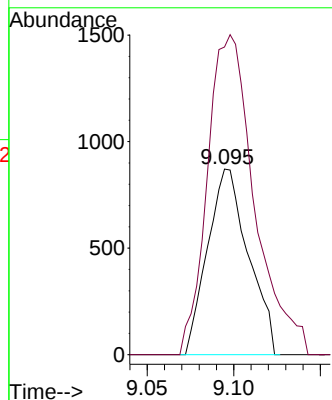
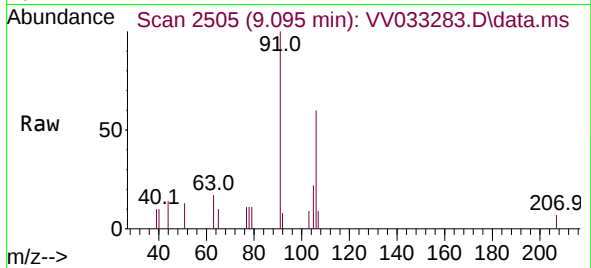




#53
m,p-Xylene
Concen: 0.077 ug/L
RT: 9.095 min Scan# 21
Delta R.T. 0.023 min
Lab File: VV033283.D
Acq: 13 Dec 2023 17:58

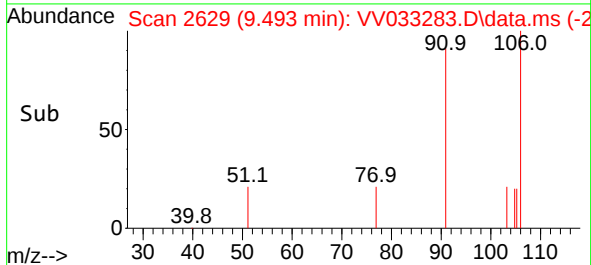
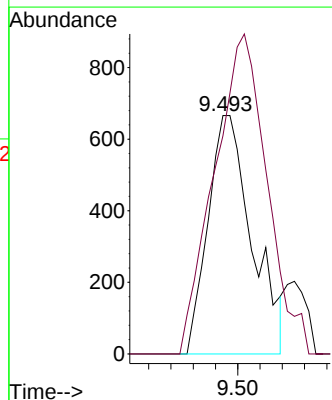
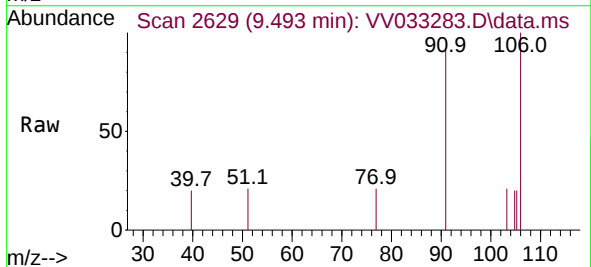
Instrument :
MSVOA_V
ClientSampleId :
E0Y55

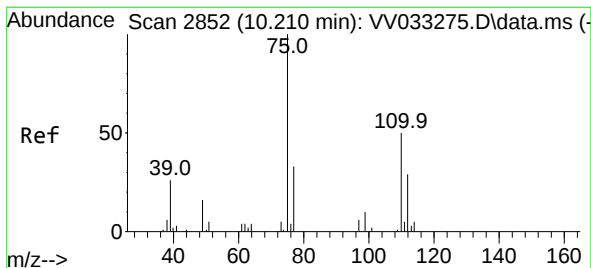
Tgt Ion:106 Resp: 1430
Ion Ratio Lower Upper
106 100
91 165.8 136.8 254.0



#54
o-Xylene
Concen: 0.052 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.016 min
Lab File: VV033283.D
Acq: 13 Dec 2023 17:58

Tgt Ion:106 Resp: 910
Ion Ratio Lower Upper
106 100
91 91.4 149.9 278.5#





#61

1,2,3-Trichloropropane

Concen: 1.612 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.981 min

Lab File: VV033283.D

Acq: 13 Dec 2023 17:58

Instrument :

MSVOA_V

ClientSampleId :

E0Y55

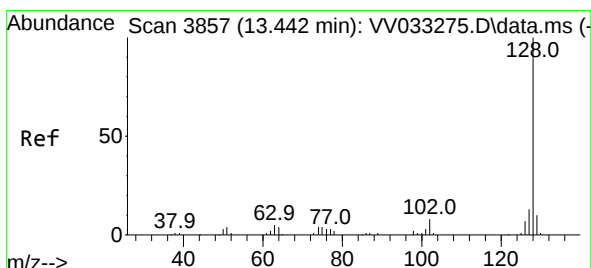
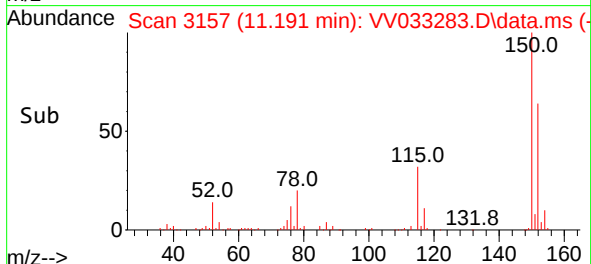
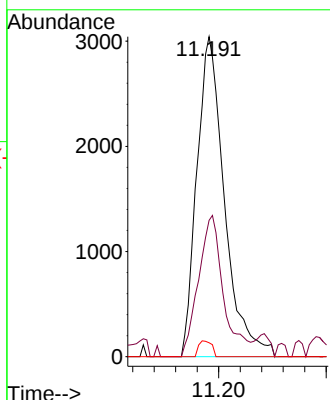
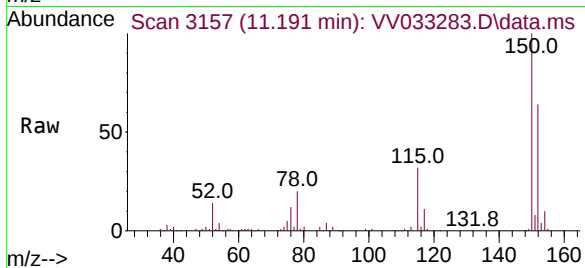
Tgt Ion: 75 Resp: 5417

Ion Ratio Lower Upper

75 100

77 39.9 27.4 41.2

110 2.3 39.4 59.2#



#71

Naphthalene

Concen: 0.100 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.010 min

Lab File: VV033283.D

Acq: 13 Dec 2023 17:58

Tgt Ion: 128 Resp: 1521

Ion Ratio Lower Upper

128 100

129 6.8 8.8 13.2#

127 0.0 10.1 15.1#

