

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033278.D
 Acq On : 13 Dec 2023 15:59
 Operator : SY/MD
 Sample : 05731-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY50

Quant Time: Dec 13 23:32:48 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)

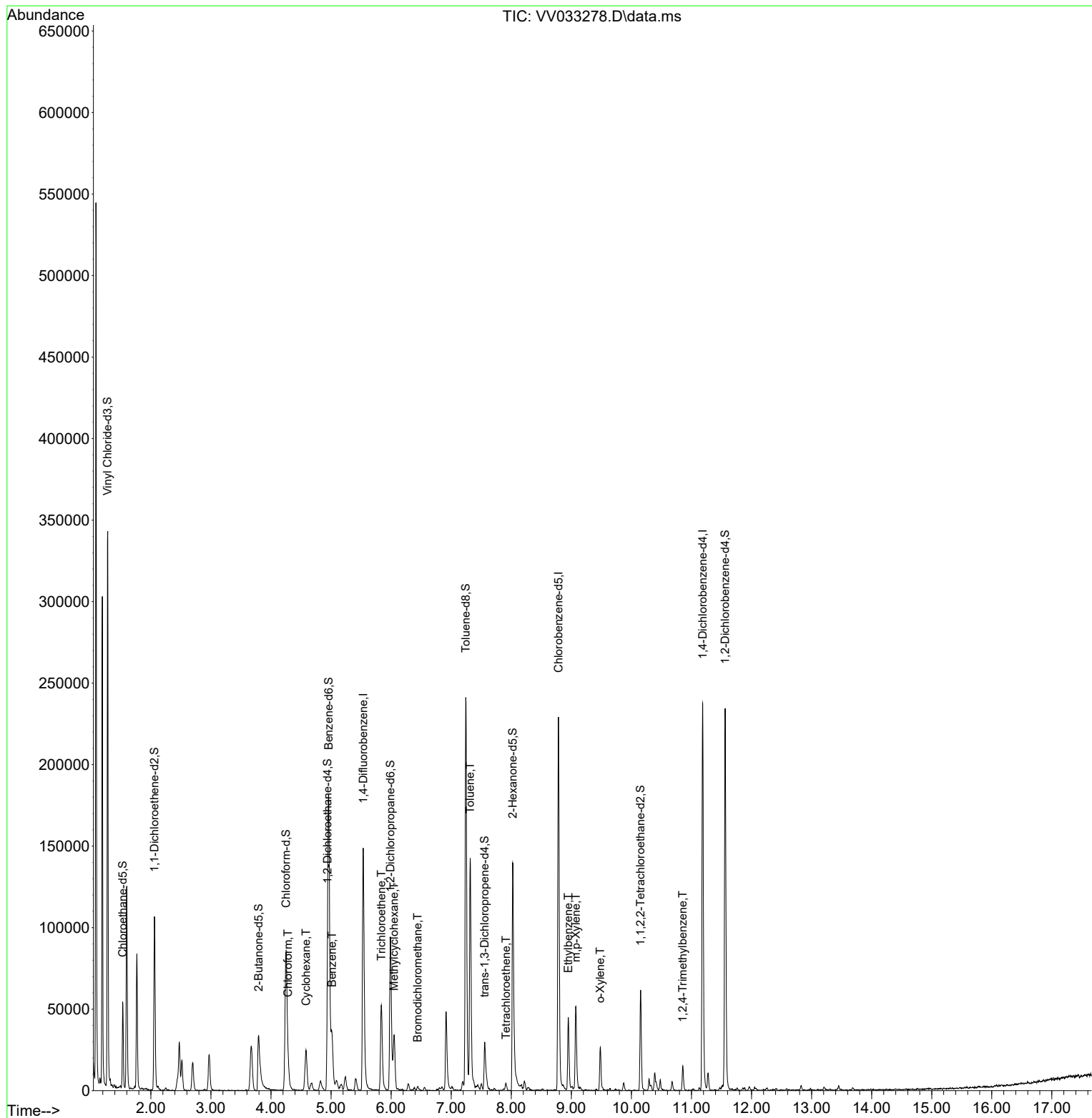
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	141533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	135520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	68571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	43251	4.767	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.532	69	31841	4.719	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.059	65	16904	4.681	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.793	46	53005	49.366	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.740%
24) Chloroform-d	4.249	84	92572	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.940	65	43228	5.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.960	84	177473	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	5.989	67	41633	5.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.243	98	167351	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.558	79	18305	5.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.024	63	50389	49.583	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	26934	4.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	64746	5.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
25) Chloroform	4.281	83	13170	0.726	ug/L	90
30) Cyclohexane	4.583	56	11087	0.925	ug/L	98
33) Benzene	5.014	78	38233	1.053	ug/L	100
34) Trichloroethene	5.837	95	18554	1.752	ug/L	94
35) Methylcyclohexane	6.050	83	15252	0.973	ug/L	97
38) Bromodichloromethane	6.442	83	2207	0.188	ug/L #	91
42) Toluene	7.316	91	108961	2.620	ug/L	100
47) Tetrachloroethene	7.915	164	1248	0.124	ug/L	91
52) Ethylbenzene	8.950	91	32566	0.699	ug/L	97
53) m,p-Xylene	9.075	106	17069	0.890	ug/L	98
54) o-Xylene	9.480	106	8308	0.457	ug/L	84
63) 1,2,4-Trimethylbenzene	10.853	105	8637	0.235	ug/L	88

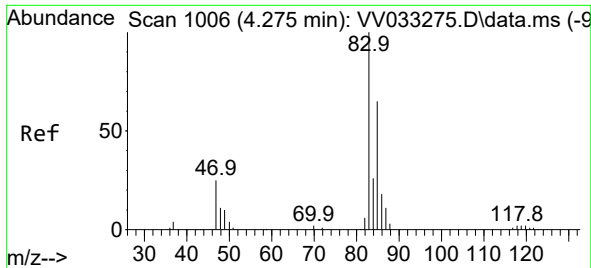
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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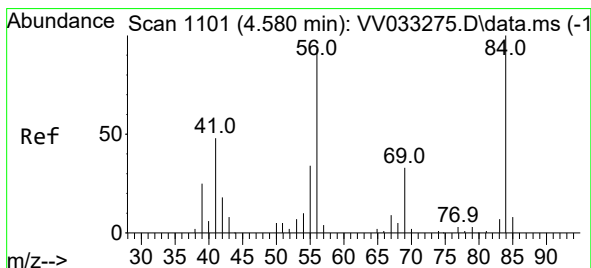
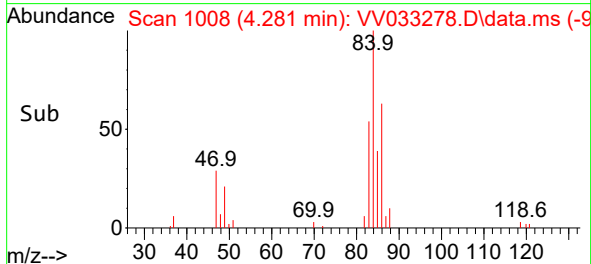
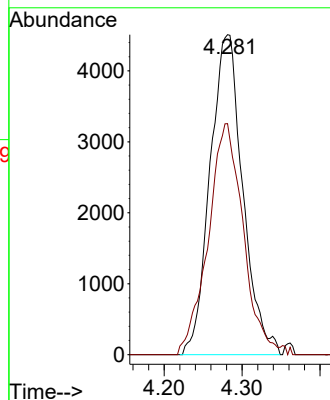
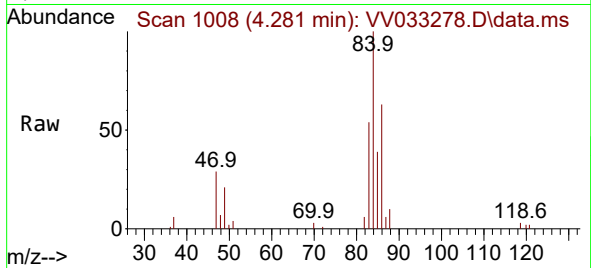




#25
Chloroform
Concen: 0.726 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

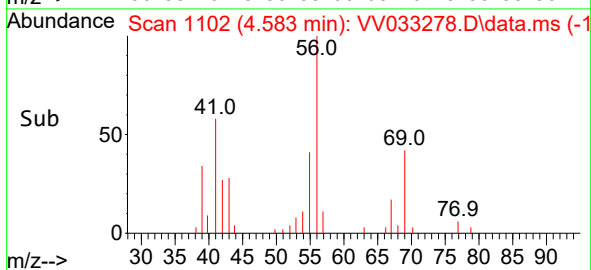
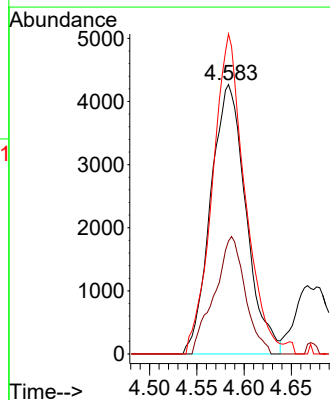
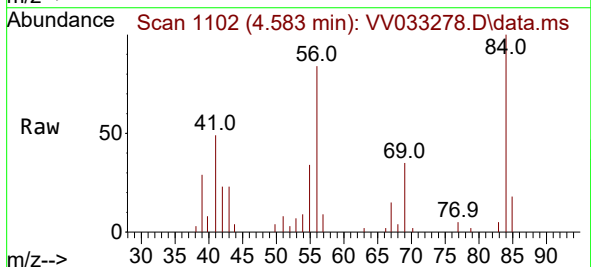
Instrument :
MSVOA_V
ClientSampleId :
E0Y50

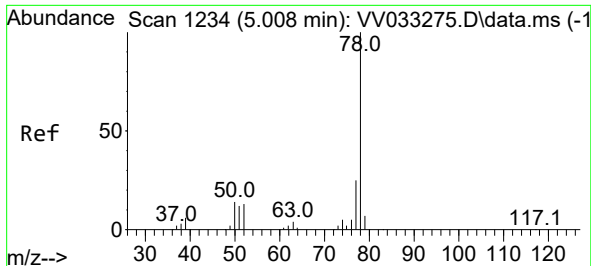
Tgt Ion: 83 Resp: 13170
Ion Ratio Lower Upper
83 100
85 72.2 45.3 84.1



#30
Cyclohexane
Concen: 0.925 ug/L
RT: 4.583 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

Tgt Ion: 56 Resp: 11087
Ion Ratio Lower Upper
56 100
69 37.8 28.8 43.2
84 109.0 86.2 129.4

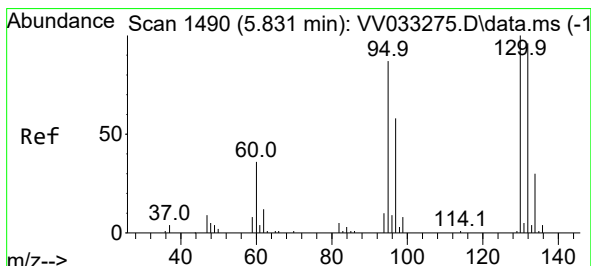
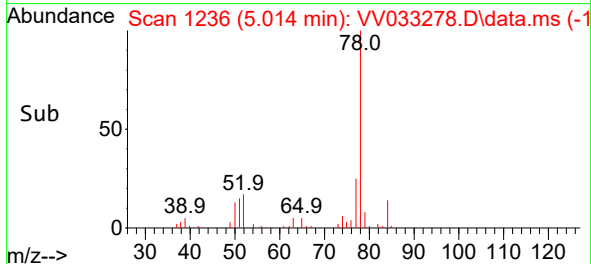
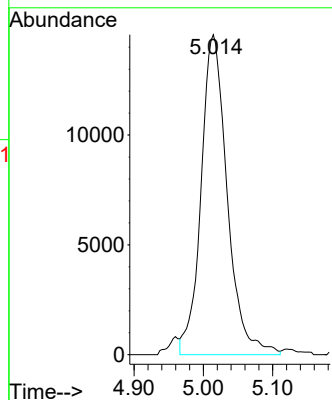
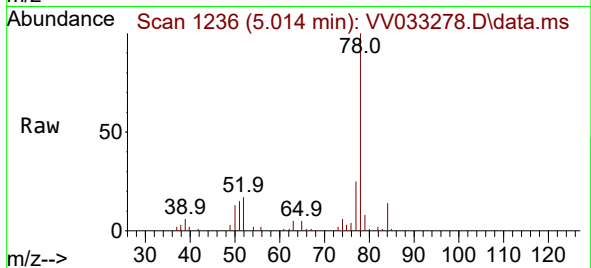




#33
Benzene
Concen: 1.053 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

Instrument :
MSVOA_V
ClientSampleId :
E0Y50

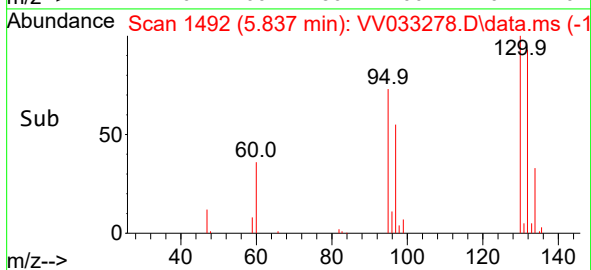
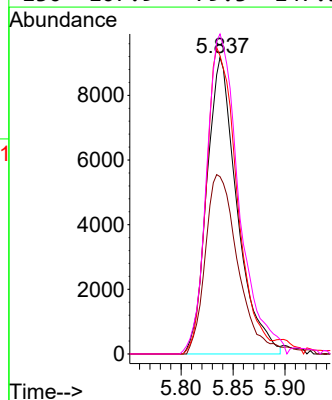
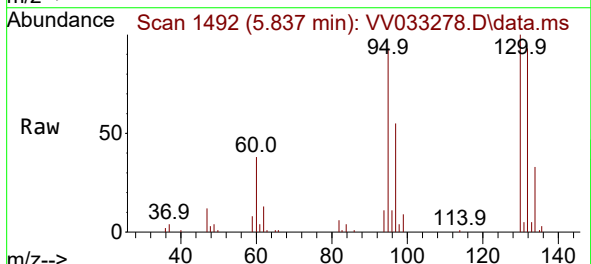
Tgt Ion: 78 Resp: 38233

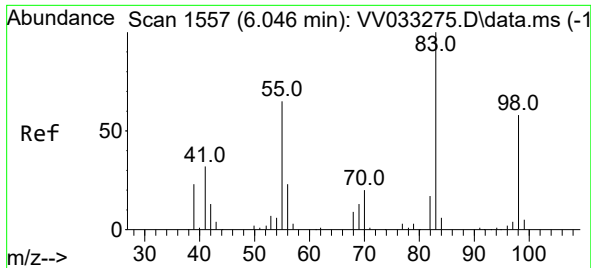


#34
Trichloroethene
Concen: 1.752 ug/L
RT: 5.837 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

Tgt Ion: 95 Resp: 18554

Ion	Ratio	Lower	Upper
95	100		
97	59.8	46.5	86.5
132	100.6	75.1	139.5
130	107.9	79.3	147.3

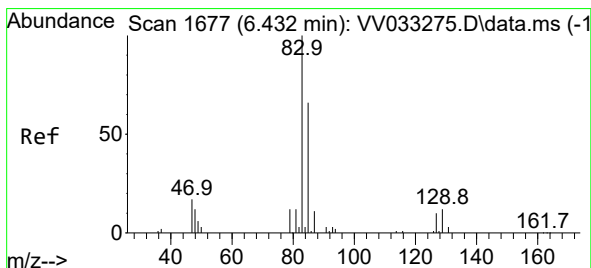
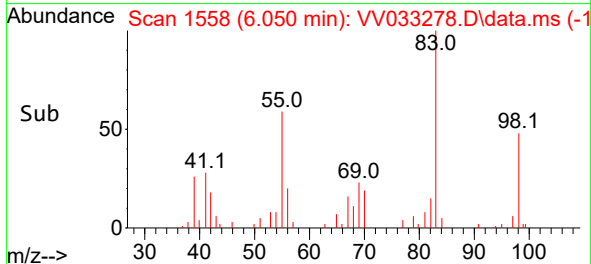
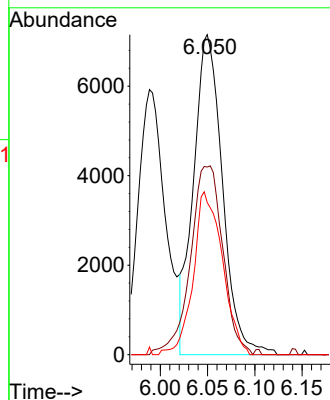
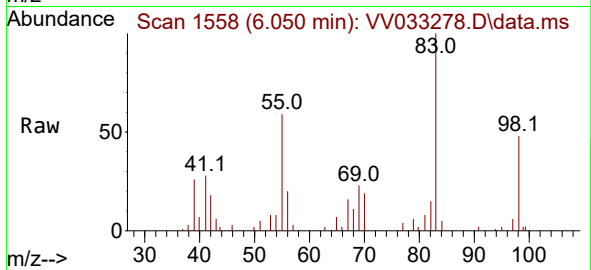




#35
Methylcyclohexane
Concen: 0.973 ug/L
RT: 6.050 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

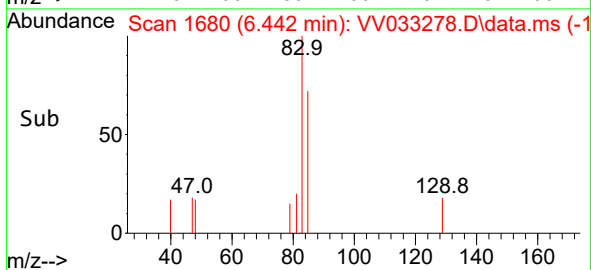
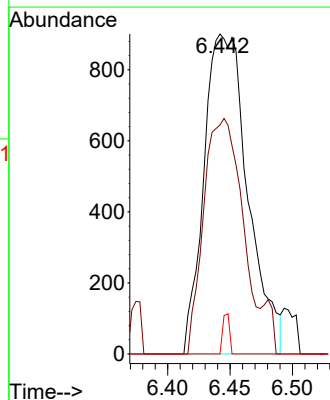
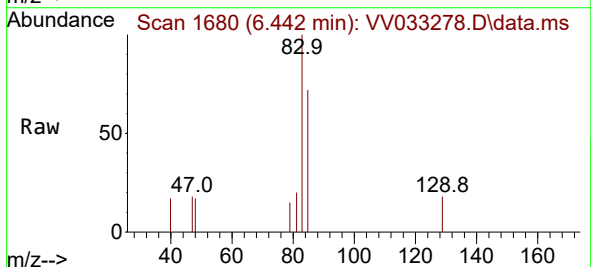
Instrument :
MSVOA_V
ClientSampleId :
E0Y50

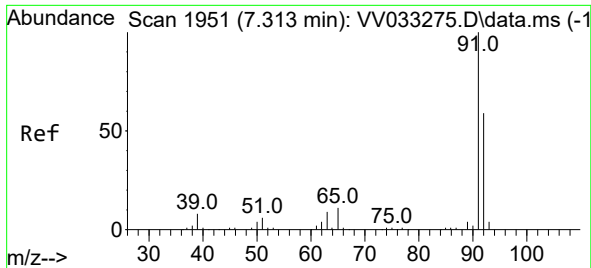
Tgt Ion: 83 Resp: 15252
Ion Ratio Lower Upper
83 100
55 65.8 50.7 76.1
98 51.2 42.4 63.6



#38
Bromodichloromethane
Concen: 0.188 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.010 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

Tgt Ion: 83 Resp: 2207
Ion Ratio Lower Upper
83 100
85 71.6 46.6 86.6
127 0.0 8.6 13.0#





#42

Toluene

Concen: 2.620 ug/L

RT: 7.316 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033278.D

Acq: 13 Dec 2023 15:59

Instrument :

MSVOA_V

ClientSampleId :

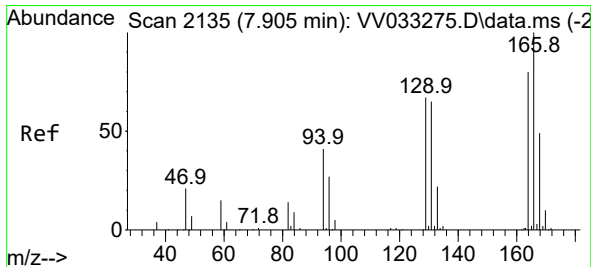
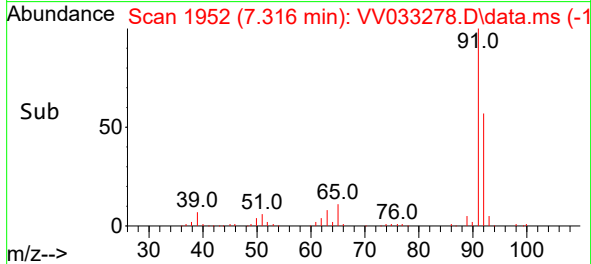
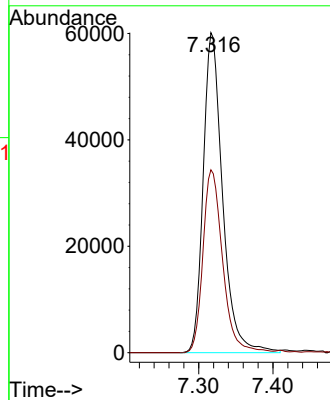
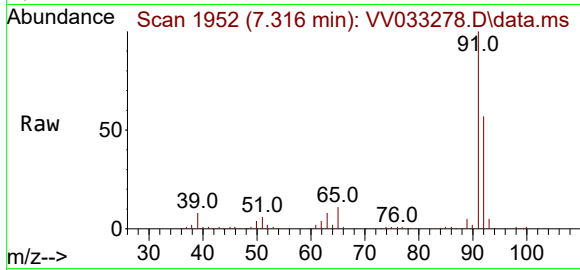
E0Y50

Tgt Ion: 91 Resp: 108961

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#47

Tetrachloroethene

Concen: 0.124 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.010 min

Lab File: VV033278.D

Acq: 13 Dec 2023 15:59

Tgt Ion: 164 Resp: 1248

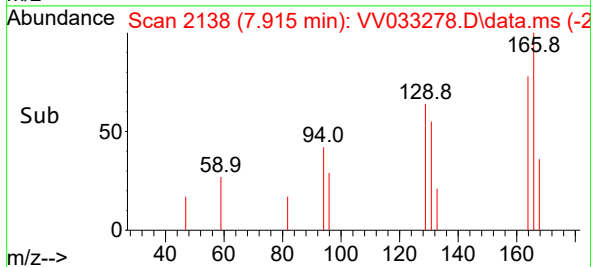
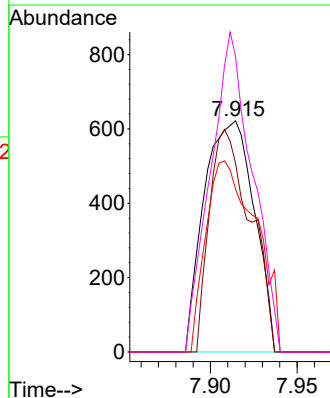
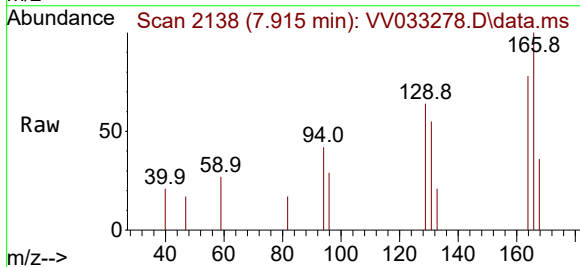
Ion Ratio Lower Upper

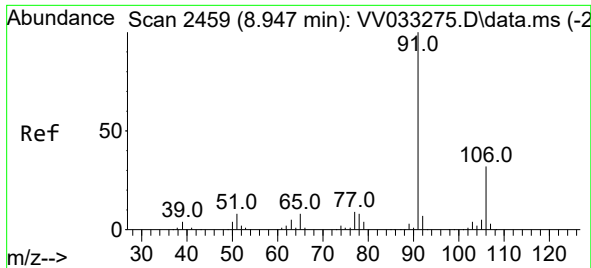
164 100

129 81.7 62.6 116.3

131 70.4 62.6 116.3

166 127.8 90.2 167.6

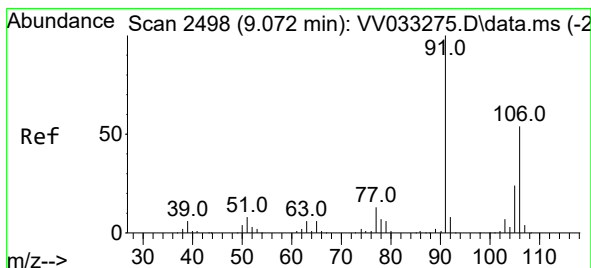
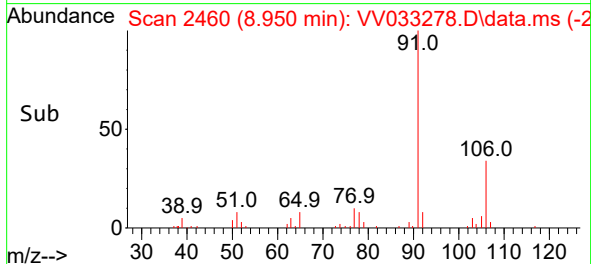
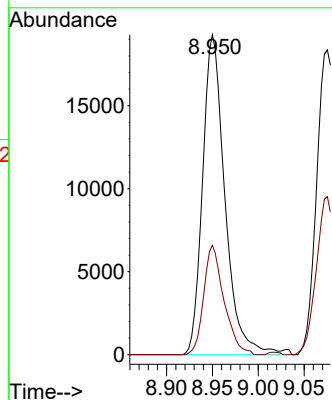
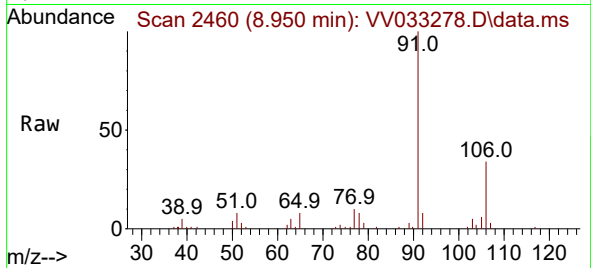




#52
Ethylbenzene
Concen: 0.699 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

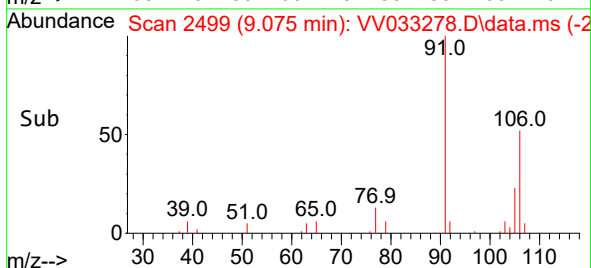
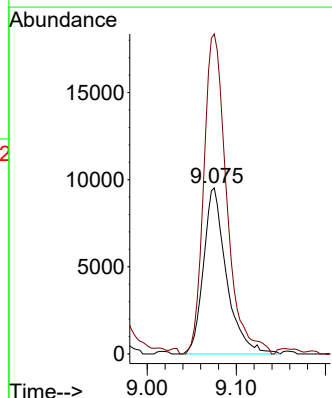
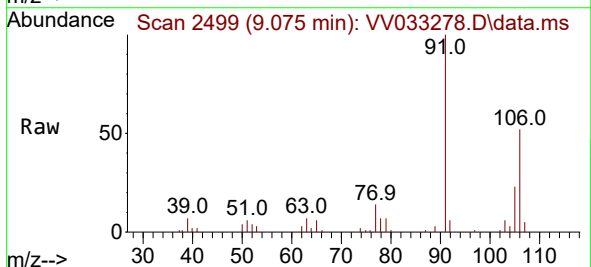
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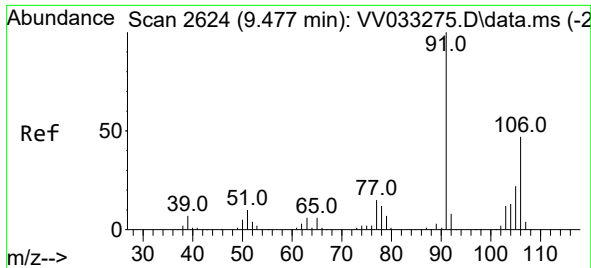
Tgt Ion: 91 Resp: 32566
Ion Ratio Lower Upper
91 100
106 34.2 22.7 42.3



#53
m,p-Xylene
Concen: 0.890 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

Tgt Ion: 106 Resp: 17069
Ion Ratio Lower Upper
106 100
91 192.9 136.8 254.0

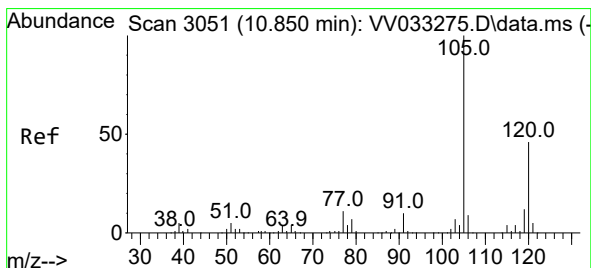
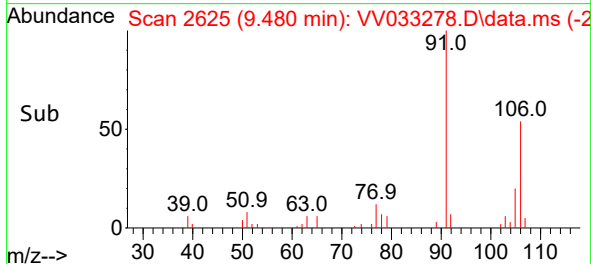
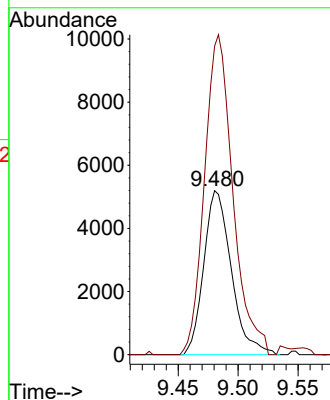
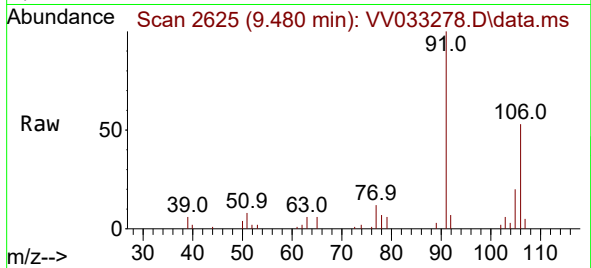




#54
o-Xylene
Concen: 0.457 ug/L
RT: 9.480 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

Instrument :
MSVOA_V
ClientSampleId :
E0Y50

Tgt Ion:106 Resp: 8308
Ion Ratio Lower Upper
106 100
91 188.2 149.9 278.5



#63
1,2,4-Trimethylbenzene
Concen: 0.235 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV033278.D
Acq: 13 Dec 2023 15:59

Tgt Ion:105 Resp: 8637
Ion Ratio Lower Upper
105 100
120 55.6 38.1 57.1

