

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033277.D
 Acq On : 13 Dec 2023 15:35
 Operator : SY/MD
 Sample : 05731-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY49

Quant Time: Dec 13 23:32:32 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	5.532	114	148210	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	137403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	67672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40670	4.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.532	69	31762	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.060	65	15478	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.825	46	49676	44.181	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.360%
24) Chloroform-d	4.249	84	86161	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.941	65	37916	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.960	84	168551	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.989	67	39020	4.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.243	98	158550	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.558	79	16207	4.391	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.027	63	42724	41.465	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.920%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23441	4.284	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	57099	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	2694	0.255	ug/L #	81
15) Methyl Acetate	2.471	43	8202	3.889	ug/L #	49
30) Cyclohexane	4.587	56	5688	0.468	ug/L #	89
33) Benzene	5.015	78	19393	0.527	ug/L	100
34) Trichloroethene	5.835	95	7120	0.663	ug/L	89
35) Methylcyclohexane	6.047	83	8221	0.517	ug/L	95
39) cis-1,3-Dichloropropene	6.918	75	1414	0.118	ug/L #	70
42) Toluene	7.320	91	51544	1.222	ug/L	97
47) Tetrachloroethene	7.915	164	1105	0.109	ug/L	90
52) Ethylbenzene	8.953	91	14332	0.303	ug/L	95
53) m,p-Xylene	9.076	106	7319	0.376	ug/L	89
54) o-Xylene	9.484	106	3400	0.185	ug/L	99
61) 1,2,3-Trichloropropane	11.188	75	5910	1.648	ug/L #	55
63) 1,2,4-Trimethylbenzene	10.860	105	2853	0.079	ug/L	93
71) Naphthalene	13.452	128	4201	0.258	ug/L #	83
72) 1,2,3-Trichlorobenzene	13.686	180	1272	0.113	ug/L #	71

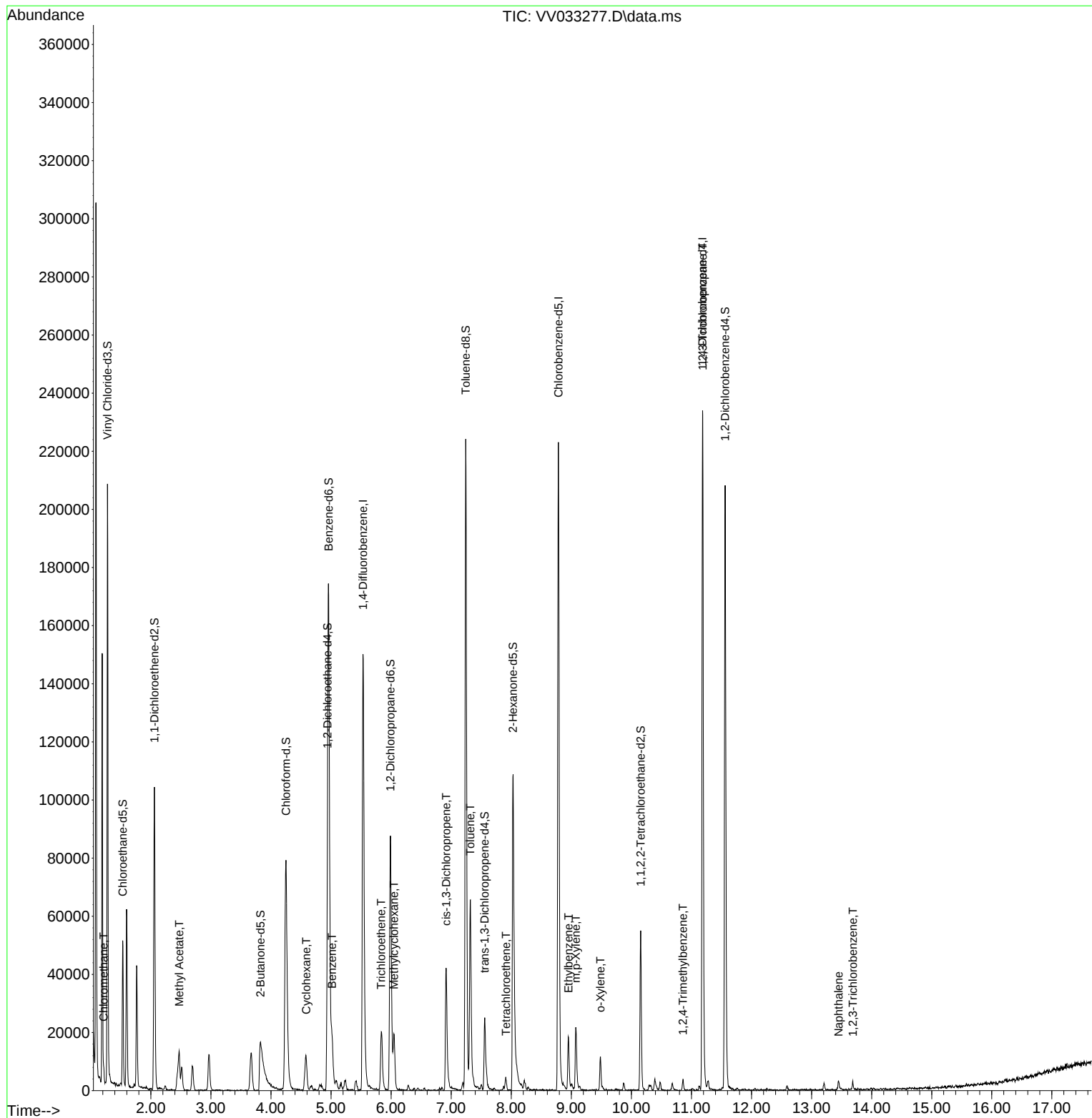
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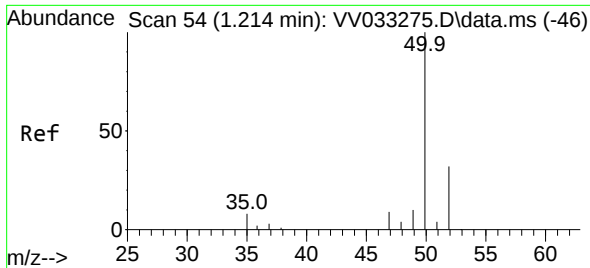
Instrument :
MSVOA_V
ClientSampleId :
E0Y49

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033277.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration

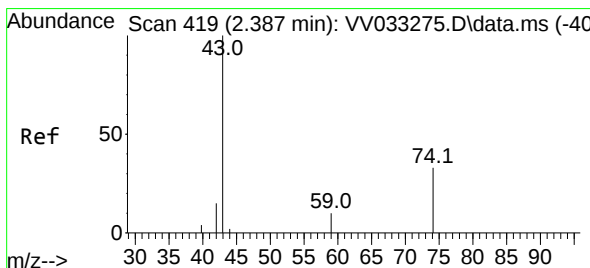
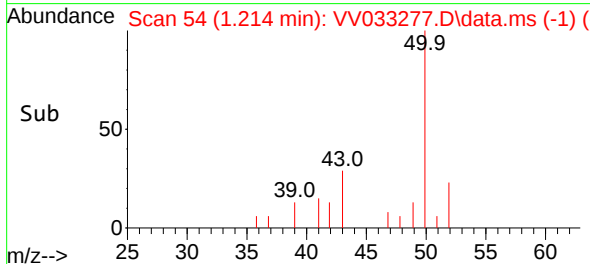
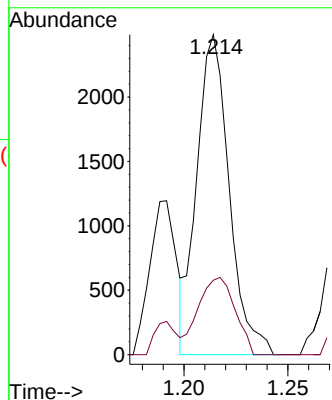
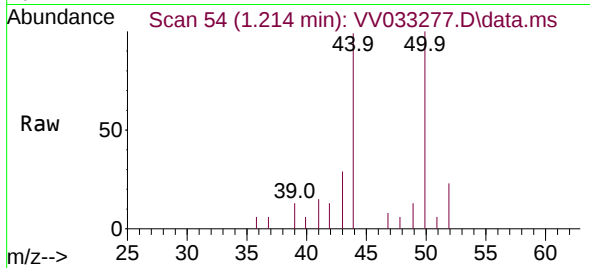




#3
Chloromethane
Concen: 0.255 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

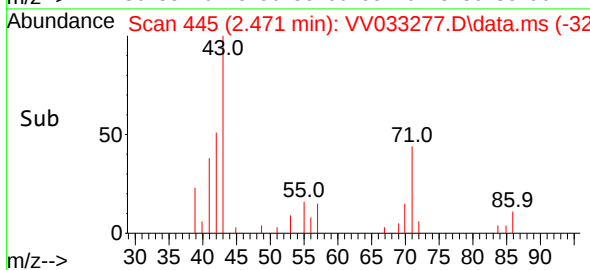
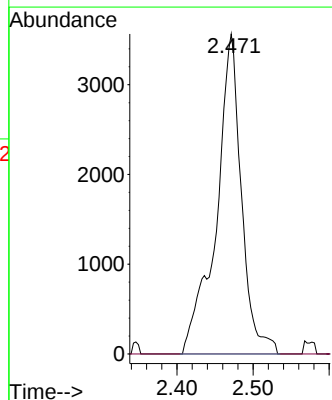
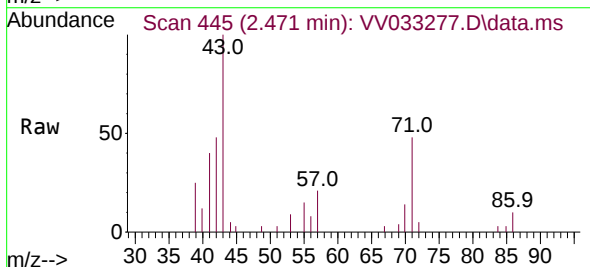
Instrument :
MSVOA_V
ClientSampleId :
E0Y49

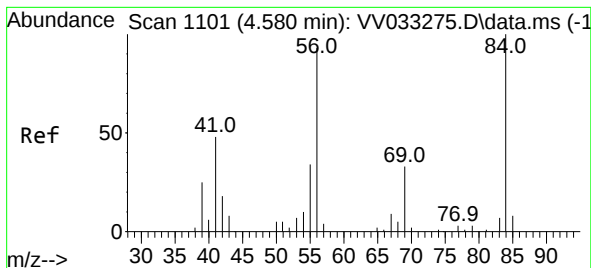
Tgt Ion: 50 Resp: 2694
Ion Ratio Lower Upper
50 100
52 23.2 23.8 44.2#



#15
Methyl Acetate
Concen: 3.889 ug/L
RT: 2.471 min Scan# 445
Delta R.T. 0.084 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

Tgt Ion: 43 Resp: 8202
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#





#30

Cyclohexane

Concen: 0.468 ug/L

RT: 4.587 min Scan# 1101

Delta R.T. 0.007 min

Lab File: VV033277.D

Acq: 13 Dec 2023 15:35

Instrument :

MSVOA_V

ClientSampleId :

E0Y49

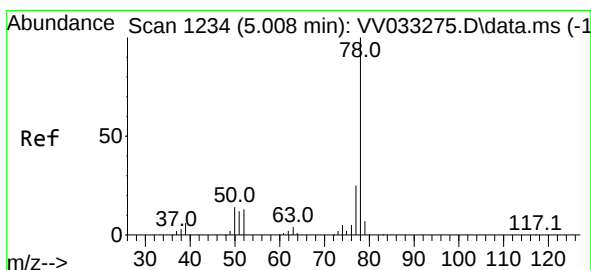
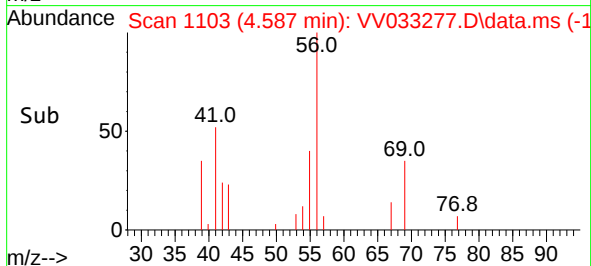
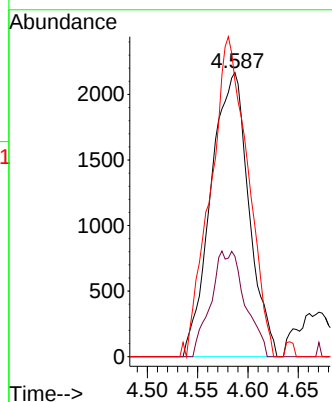
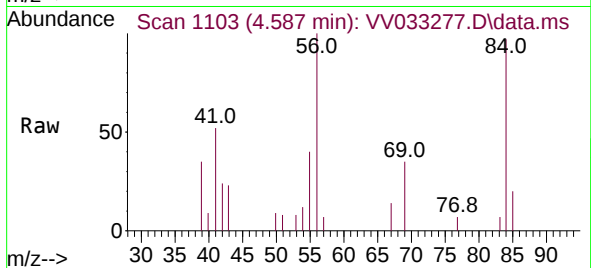
Tgt Ion: 56 Resp: 5688

Ion Ratio Lower Upper

56 100

69 15.5 28.8 43.2#

84 110.4 86.2 129.4



#33

Benzene

Concen: 0.527 ug/L

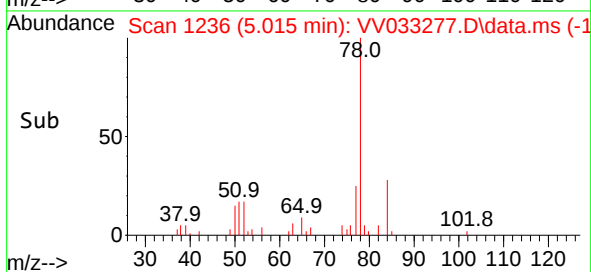
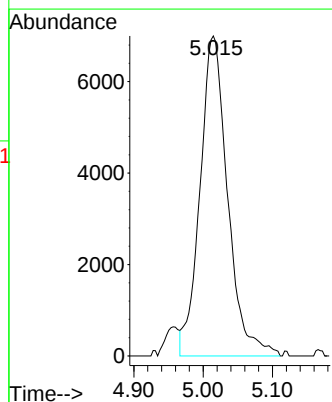
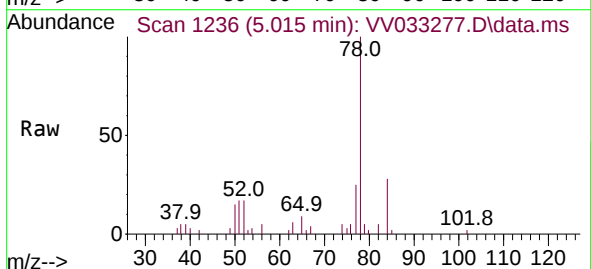
RT: 5.015 min Scan# 1236

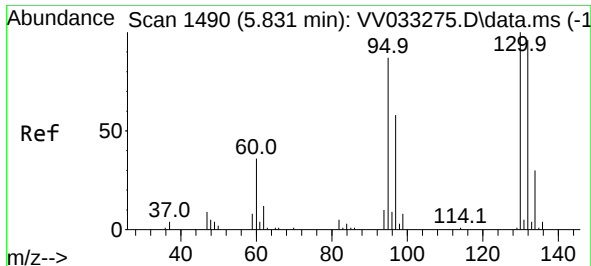
Delta R.T. 0.007 min

Lab File: VV033277.D

Acq: 13 Dec 2023 15:35

Tgt Ion: 78 Resp: 19393



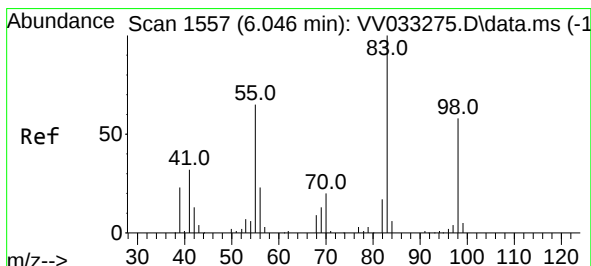
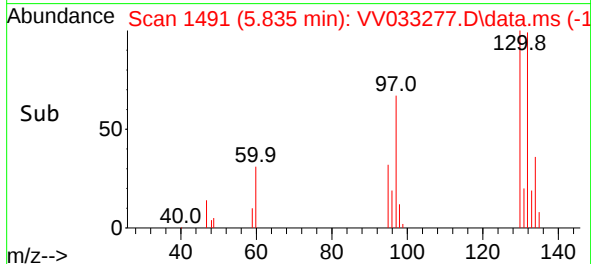
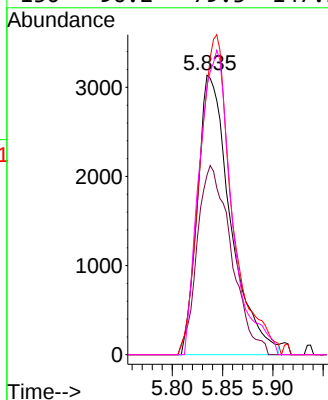
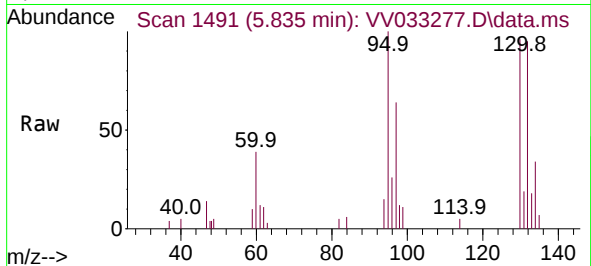


#34
Trichloroethene
Concen: 0.663 ug/L
RT: 5.835 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

Instrument :
MSVOA_V
ClientSampleId :
E0Y49

Tgt Ion: 95 Resp: 7120

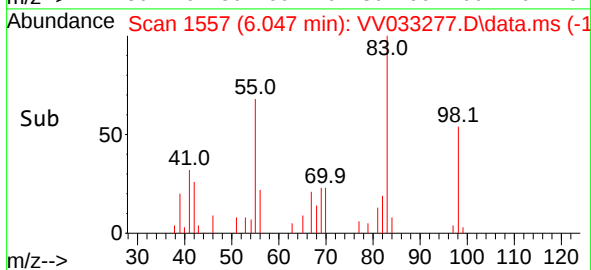
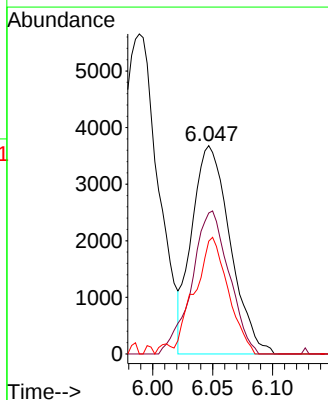
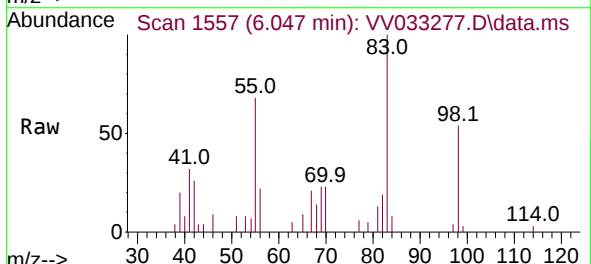
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.5
132	95.2	75.1	139.5
130	96.2	79.3	147.3

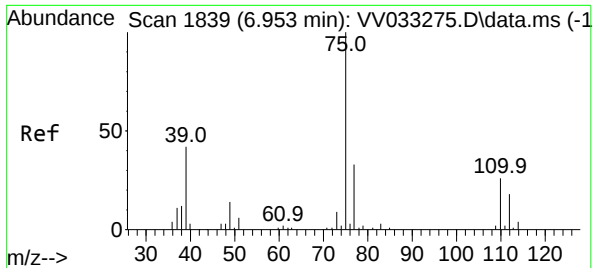


#35
Methylcyclohexane
Concen: 0.517 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

Tgt Ion: 83 Resp: 8221

Ion	Ratio	Lower	Upper
83	100		
55	66.3	50.7	76.1
98	48.6	42.4	63.6





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.035 min

Lab File: VV033277.D

Acq: 13 Dec 2023 15:35

Instrument :

MSVOA_V

ClientSampleId :

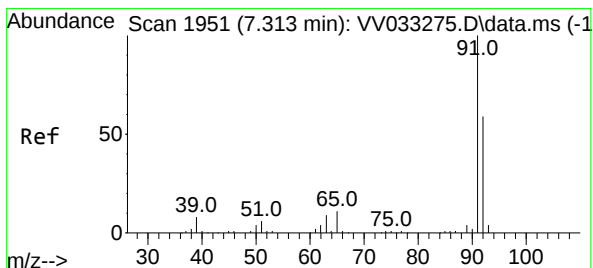
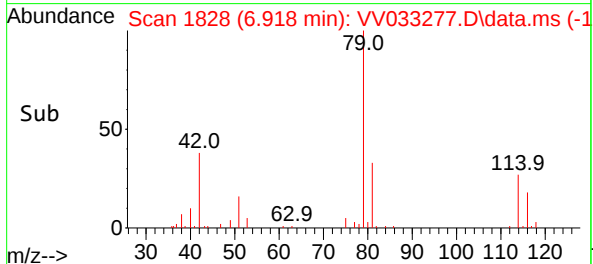
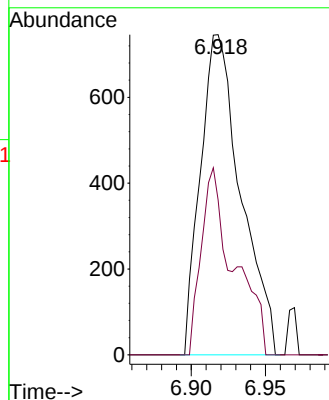
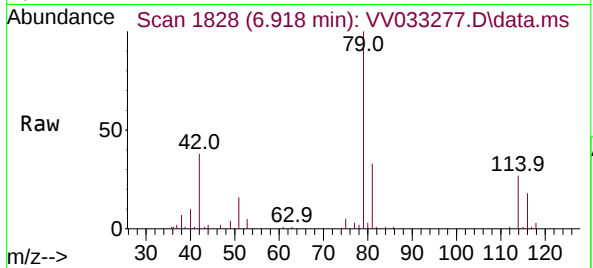
E0Y49

Tgt Ion: 75 Resp: 1414

Ion Ratio Lower Upper

75 100

77 48.4 22.1 41.1#



#42

Toluene

Concen: 1.222 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.007 min

Lab File: VV033277.D

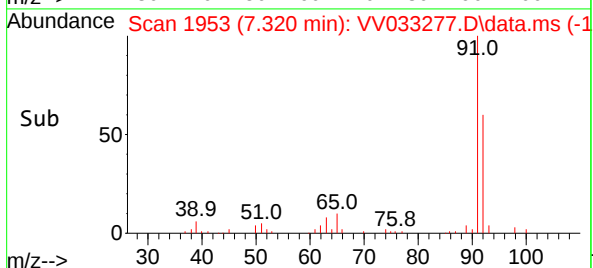
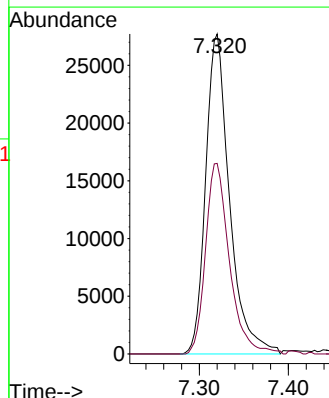
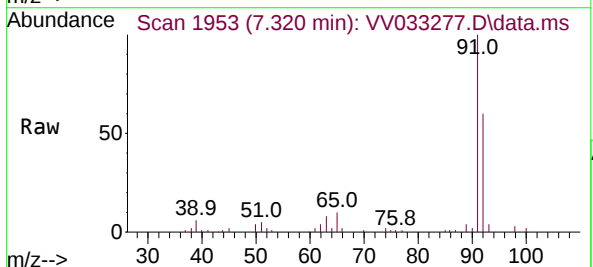
Acq: 13 Dec 2023 15:35

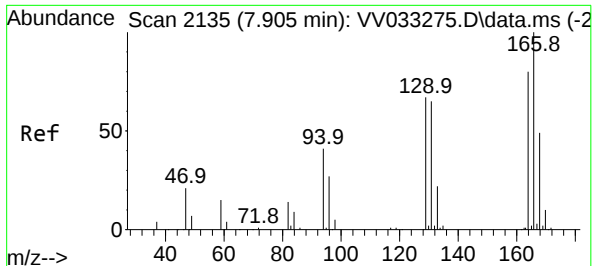
Tgt Ion: 91 Resp: 51544

Ion Ratio Lower Upper

91 100

92 59.5 40.2 74.6





#47

Tetrachloroethene

Concen: 0.109 ug/L

RT: 7.915 min Scan# 2135

Delta R.T. 0.010 min

Lab File: VV033277.D

Acq: 13 Dec 2023 15:35

Instrument :

MSVOA_V

ClientSampleId :

E0Y49

Tgt Ion:164 Resp: 1105

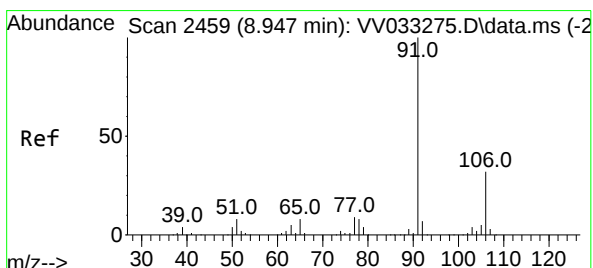
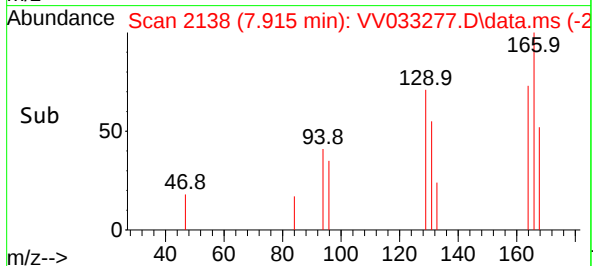
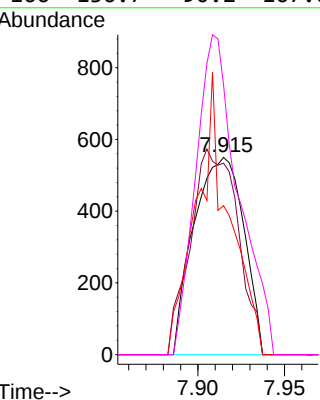
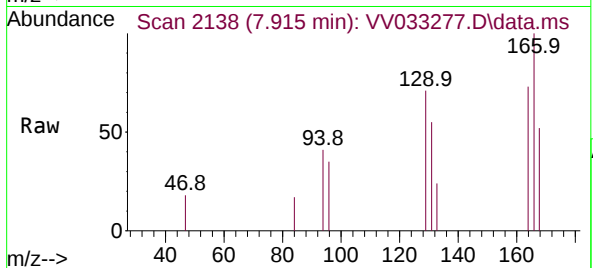
Ion Ratio Lower Upper

164 100

129 97.1 62.6 116.3

131 75.5 62.6 116.3

166 136.7 90.2 167.6



#52

Ethylbenzene

Concen: 0.303 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.007 min

Lab File: VV033277.D

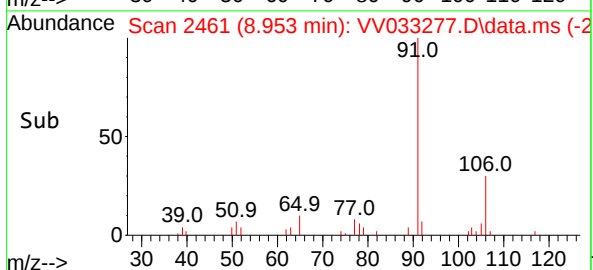
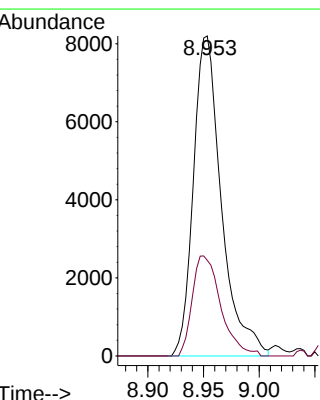
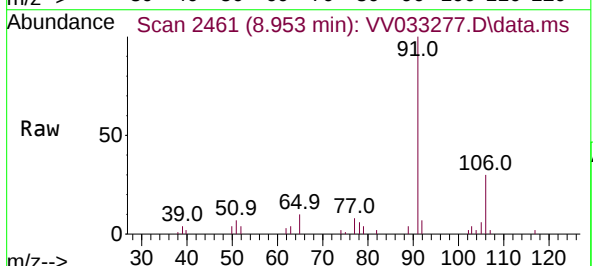
Acq: 13 Dec 2023 15:35

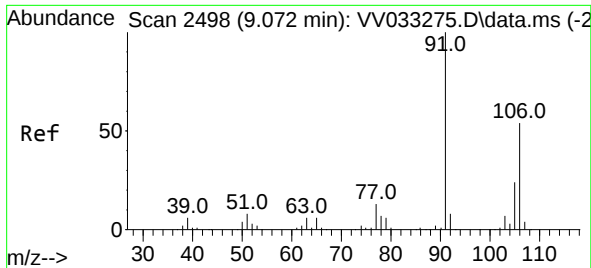
Tgt Ion: 91 Resp: 14332

Ion Ratio Lower Upper

91 100

106 29.9 22.7 42.3

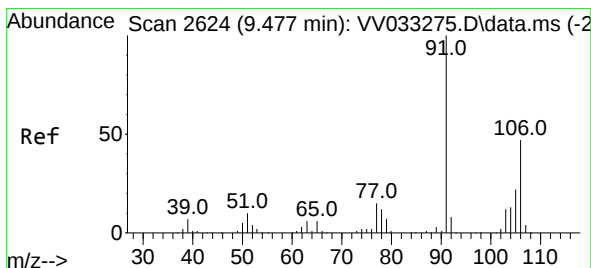
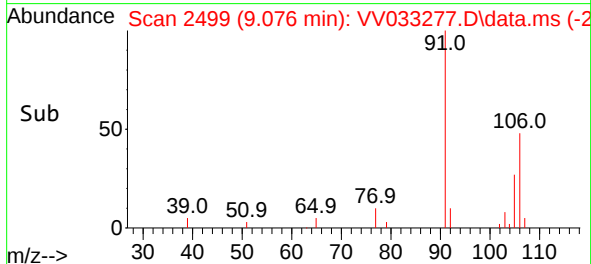
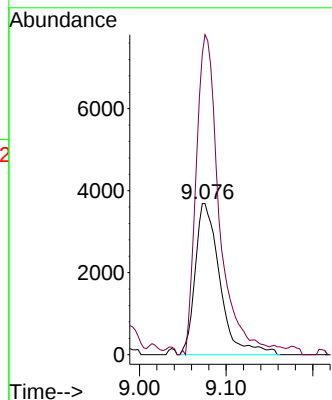
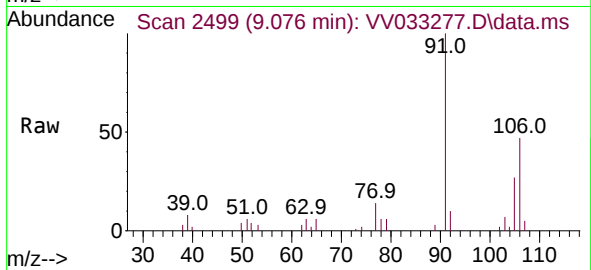




#53
m,p-Xylene
Concen: 0.376 ug/L
RT: 9.076 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

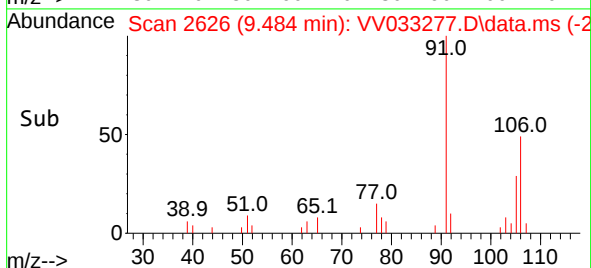
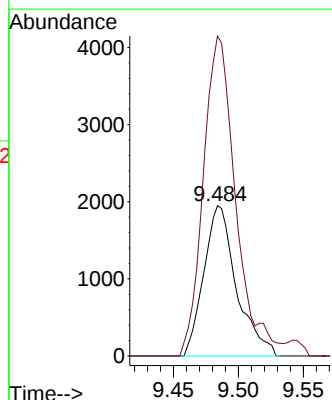
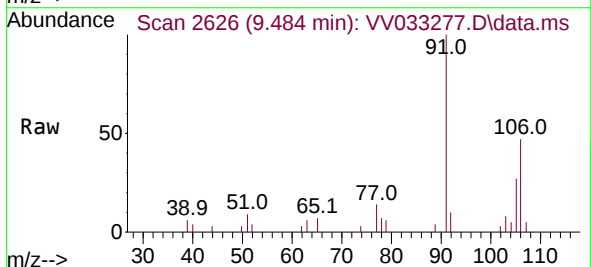
Instrument :
MSVOA_V
ClientSampleId :
E0Y49

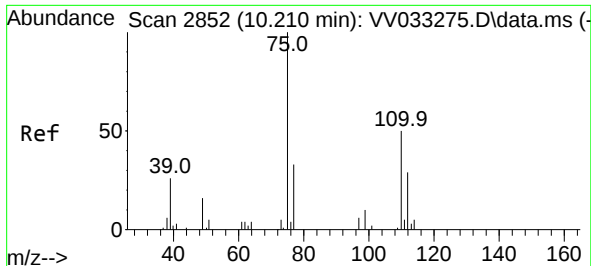
Tgt Ion:106 Resp: 7319
Ion Ratio Lower Upper
106 100
91 211.7 136.8 254.0



#54
o-Xylene
Concen: 0.185 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

Tgt Ion:106 Resp: 3400
Ion Ratio Lower Upper
106 100
91 213.0 149.9 278.5

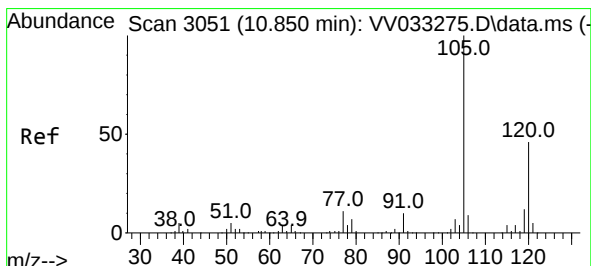
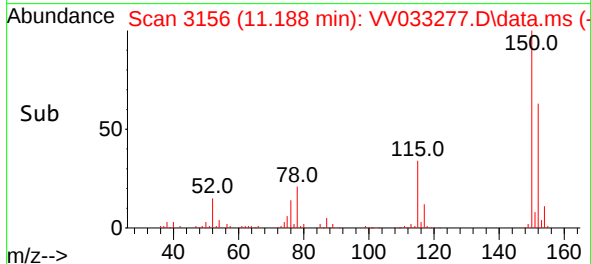
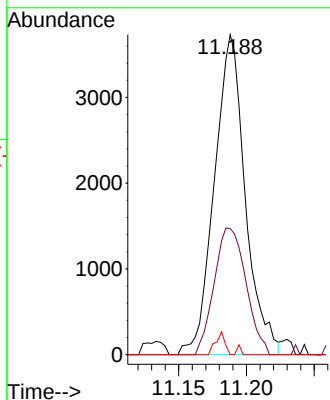
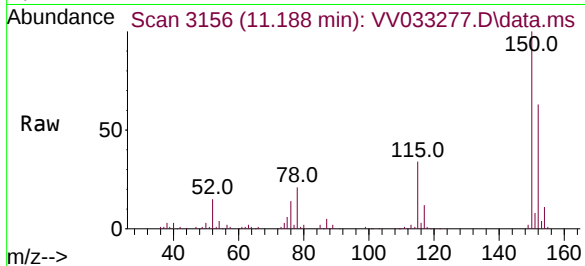




#61
1,2,3-Trichloropropane
Concen: 1.648 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.978 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

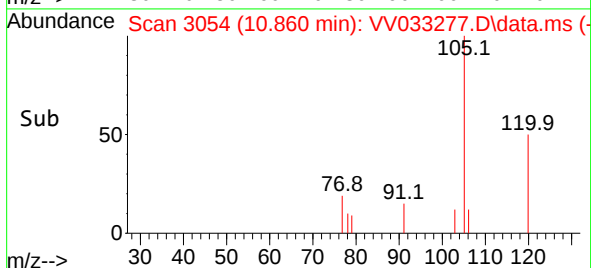
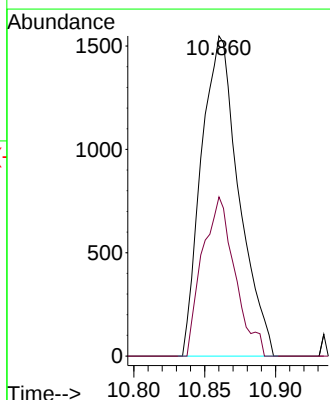
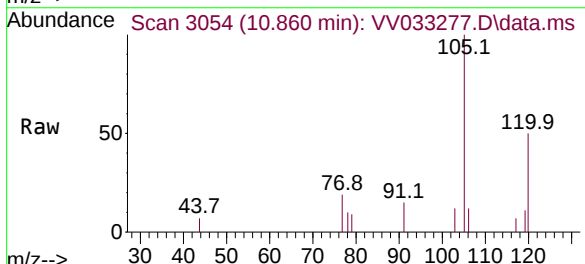
Instrument :
MSVOA_V
ClientSampleId :
E0Y49

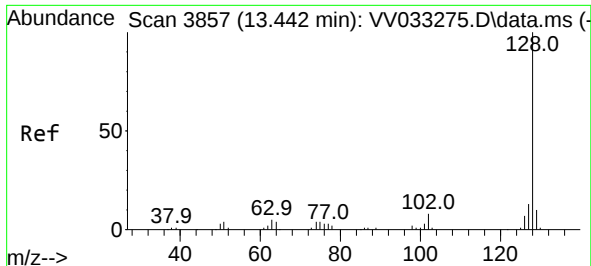
Tgt Ion: 75 Resp: 5910
Ion Ratio Lower Upper
75 100
77 40.7 27.4 41.2
110 2.1 39.4 59.2#



#63
1,2,4-Trimethylbenzene
Concen: 0.079 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

Tgt Ion: 105 Resp: 2853
Ion Ratio Lower Upper
105 100
120 43.1 38.1 57.1

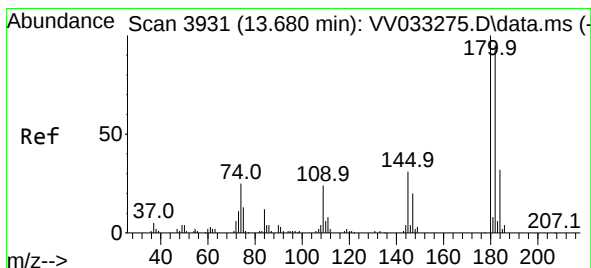
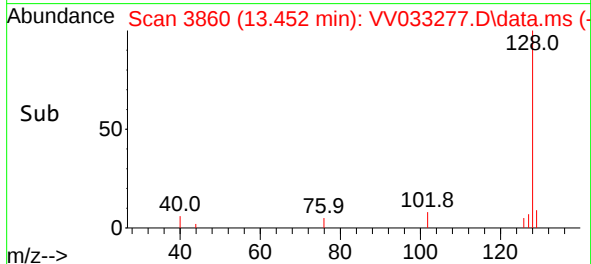
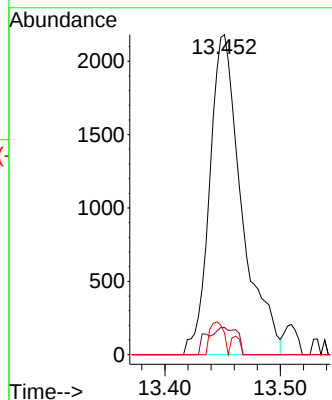
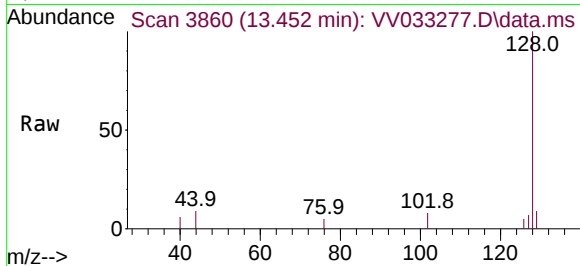




#71
Naphthalene
Concen: 0.258 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

Instrument :
MSVOA_V
ClientSampleId :
E0Y49

Tgt Ion:128 Resp: 4201
Ion Ratio Lower Upper
128 100
129 6.1 8.8 13.2#
127 4.4 10.1 15.1#



#72
1,2,3-Trichlorobenzene
Concen: 0.113 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.007 min
Lab File: VV033277.D
Acq: 13 Dec 2023 15:35

Tgt Ion:180 Resp: 1272
Ion Ratio Lower Upper
180 100
182 66.7 78.8 118.2#
145 21.7 26.6 40.0#

