

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033285.D
 Acq On : 13 Dec 2023 18:46
 Operator : SY/MD
 Sample : 05731-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY57

Quant Time: Dec 13 23:35:03 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	129293	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	131781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	66039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39657	4.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.532	69	30583	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.060	65	16311	4.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.815	46	54672	55.739	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.480%
24) Chloroform-d	4.249	84	88904	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.944	65	41475	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	4.963	84	166401	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.989	67	39839	5.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.246	98	154968	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.558	79	17489	4.941	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.030	63	57256	57.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.880%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28649	5.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	65030	5.591	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	2146	0.233	ug/L	95
5) Vinyl chloride	1.281	62	2381	0.255	ug/L #	81
13) Acetone	2.150	43	3596	5.180	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	5677	0.613	ug/L	93
27) 1,2-Dichloroethane	4.966	62	1056	0.116	ug/L #	72
34) Trichloroethene	5.834	95	8478	0.823	ug/L	93
37) 1,2-Dichloropropane	5.985	63	5141	0.724	ug/L #	81
39) cis-1,3-Dichloropropene	6.915	75	1320	0.114	ug/L #	24
42) Toluene	7.323	91	14675	0.363	ug/L	99
44) trans-1,3-Dichloropropene	7.561	75	876	0.091	ug/L #	81
47) Tetrachloroethene	7.908	164	2235	0.229	ug/L	84
48) 2-Hexanone	8.030	43	6617	3.653	ug/L #	61
49) Dibromochloromethane	7.908	129	1974	0.257	ug/L #	11
51) Chlorobenzene	8.818	112	6020	0.217	ug/L #	84
52) Ethylbenzene	8.953	91	2300	0.051	ug/L #	81
53) m,p-Xylene	9.075	106	1267	0.068	ug/L	81
61) 1,2,3-Trichloropropane	11.185	75	5811	1.660	ug/L #	60

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Quant Time: Dec 13 23:35:03 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

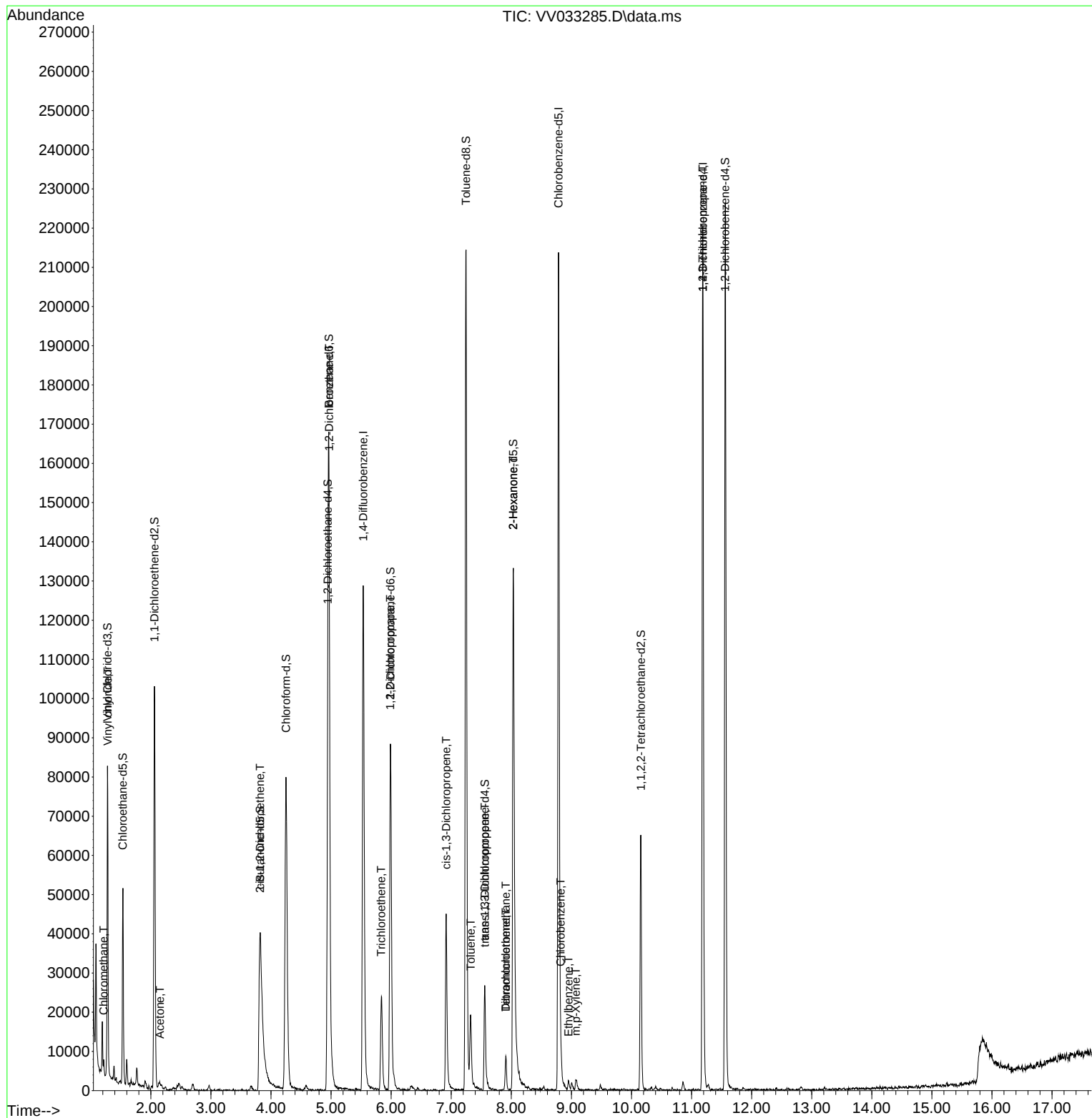
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

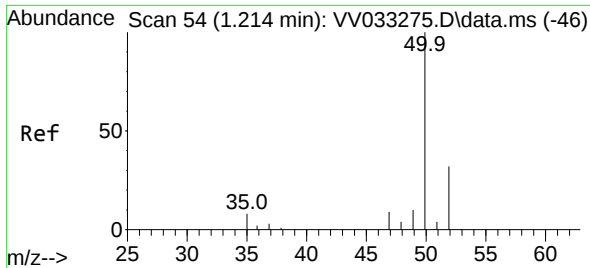
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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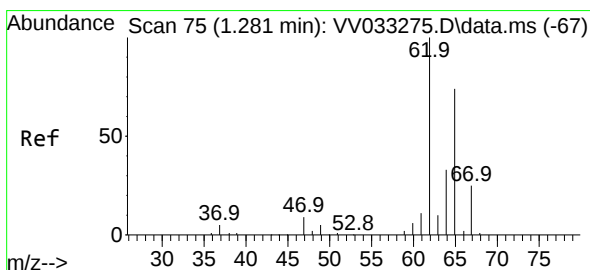
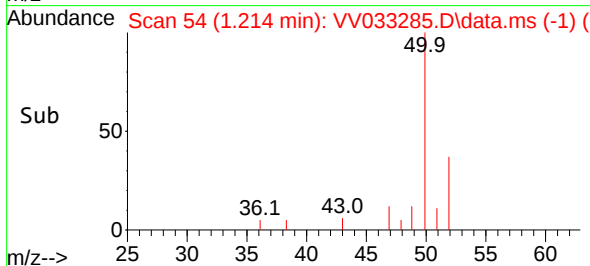
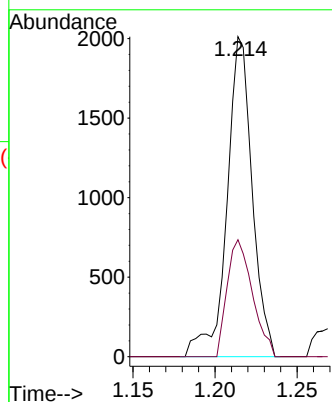
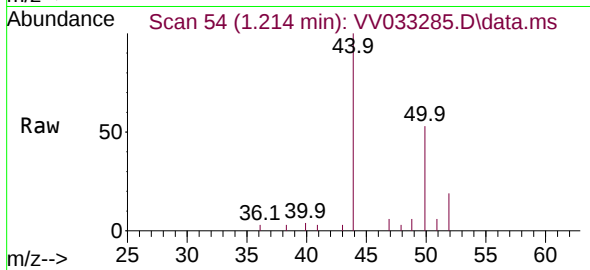




#3
Chloromethane
Concen: 0.233 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033285.D
Acq: 13 Dec 2023 18:46

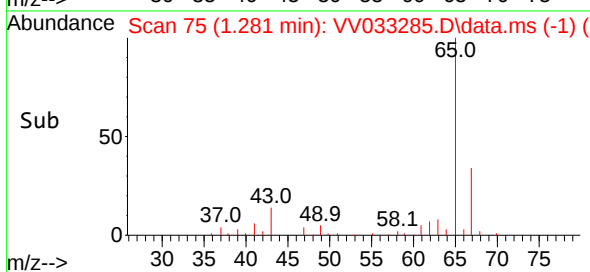
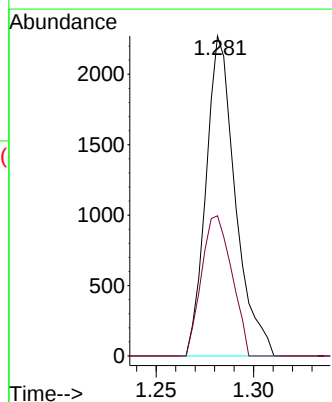
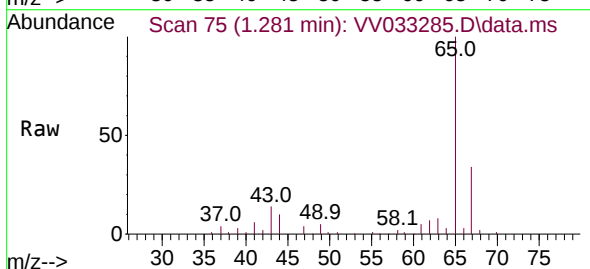
Instrument :
MSVOA_V
ClientSampleId :
E0Y57

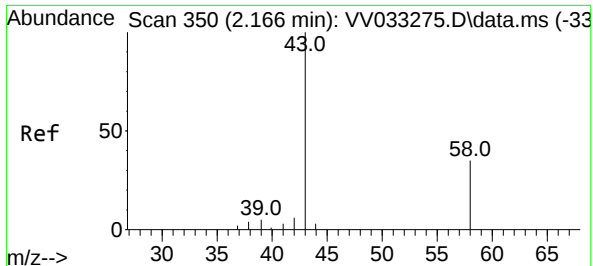
Tgt Ion: 50 Resp: 2146
Ion Ratio Lower Upper
50 100
52 36.6 23.8 44.2



#5
Vinyl chloride
Concen: 0.255 ug/L
RT: 1.281 min Scan# 75
Delta R.T. 0.000 min
Lab File: VV033285.D
Acq: 13 Dec 2023 18:46

Tgt Ion: 62 Resp: 2381
Ion Ratio Lower Upper
62 100
64 43.8 23.0 42.8#





#13

Acetone

Concen: 5.180 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV033285.D

Acq: 13 Dec 2023 18:46

Instrument :

MSVOA_V

ClientSampleId :

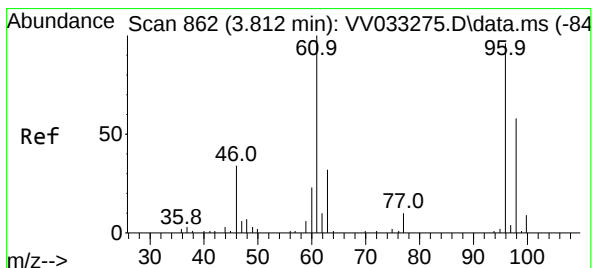
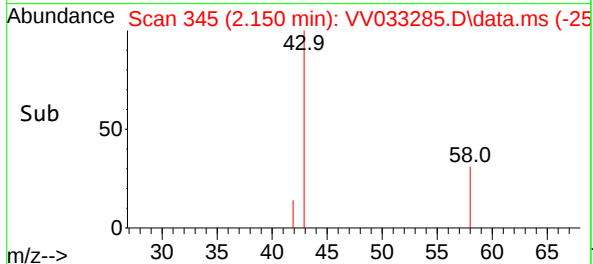
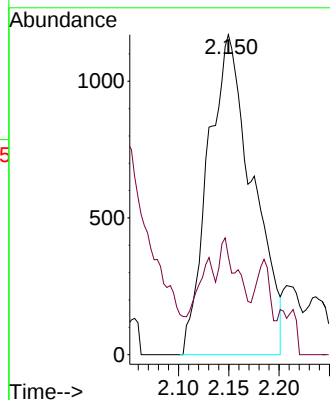
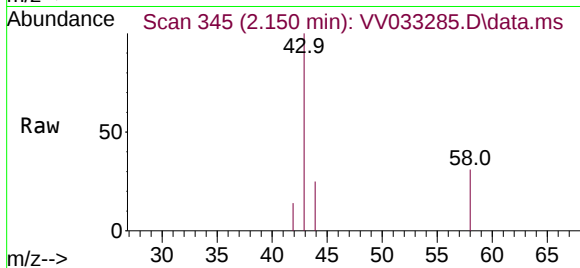
E0Y57

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

43 100

58 12.4 0.0 30.2



#22

cis-1,2-Dichloroethene

Concen: 0.613 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.006 min

Lab File: VV033285.D

Acq: 13 Dec 2023 18:46

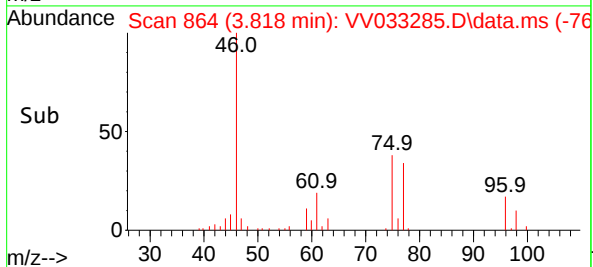
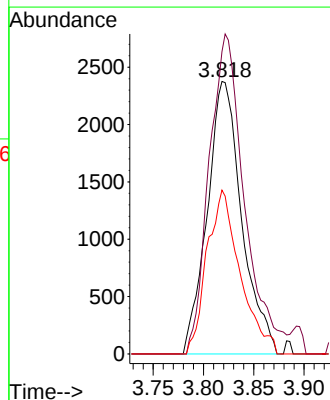
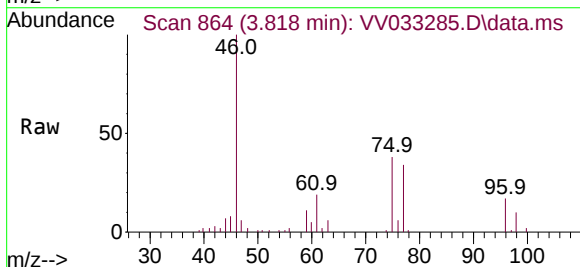
Tgt Ion: 96 Resp: 5677

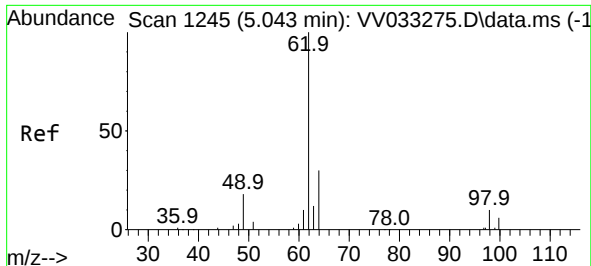
Ion Ratio Lower Upper

96 100

61 110.9 69.9 129.9

98 60.1 42.4 78.8





#27

1,2-Dichloroethane

Concen: 0.116 ug/L

RT: 4.966 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV033285.D

Acq: 13 Dec 2023 18:46

Instrument :

MSVOA_V

ClientSampleId :

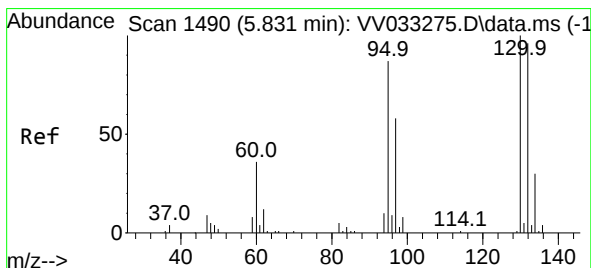
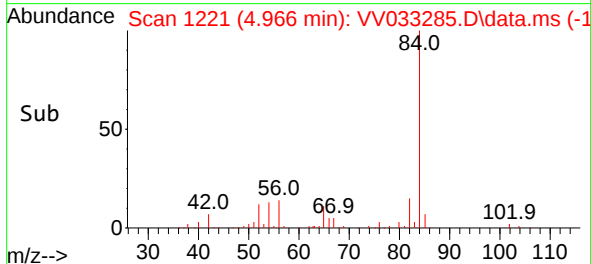
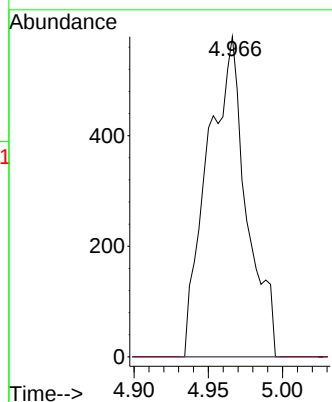
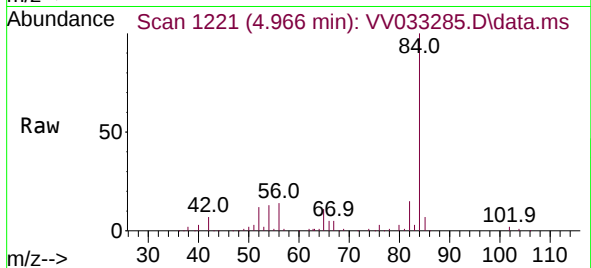
E0Y57

Tgt Ion: 62 Resp: 1056

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.823 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033285.D

Acq: 13 Dec 2023 18:46

Tgt Ion: 95 Resp: 8478

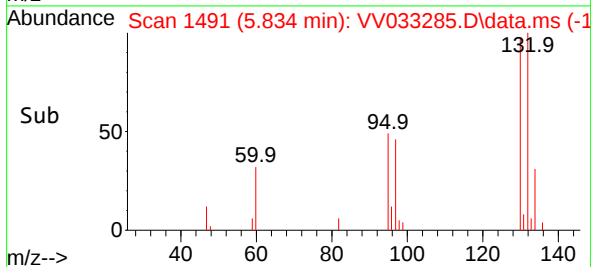
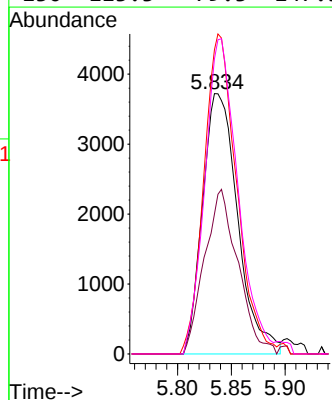
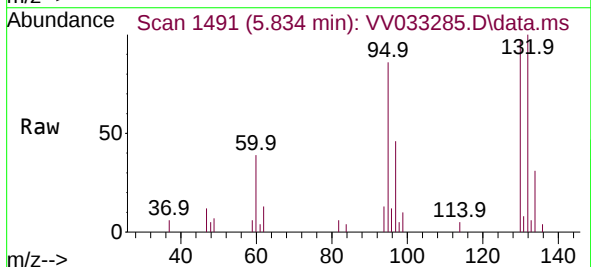
Ion Ratio Lower Upper

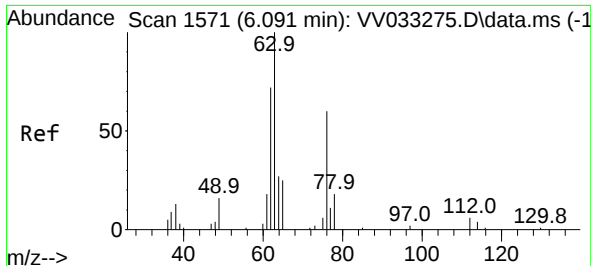
95 100

97 53.7 46.5 86.5

132 116.8 75.1 139.5

130 113.3 79.3 147.3

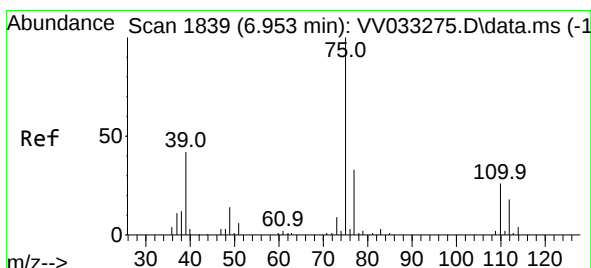
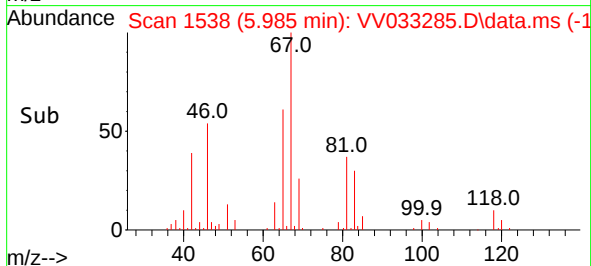
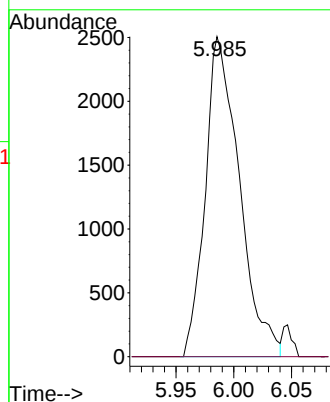
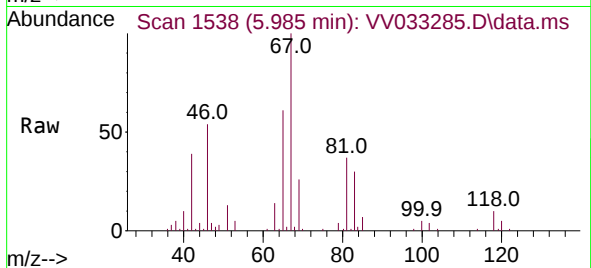




#37
1,2-Dichloropropane
Concen: 0.724 ug/L
RT: 5.985 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV033285.D
Acq: 13 Dec 2023 18:46

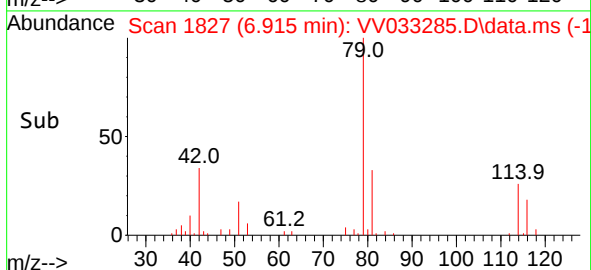
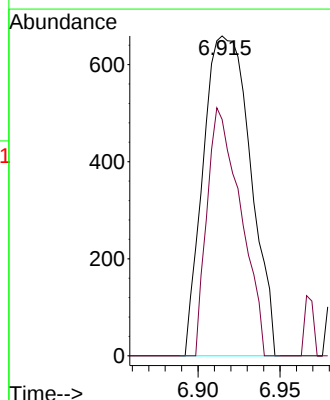
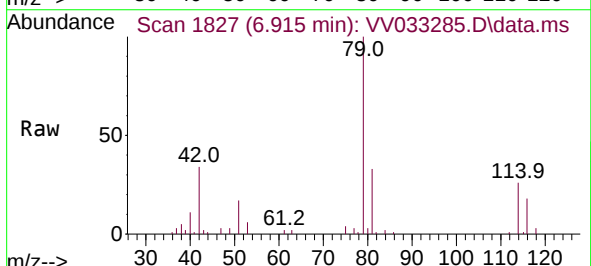
Instrument :
MSVOA_V
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E0Y57

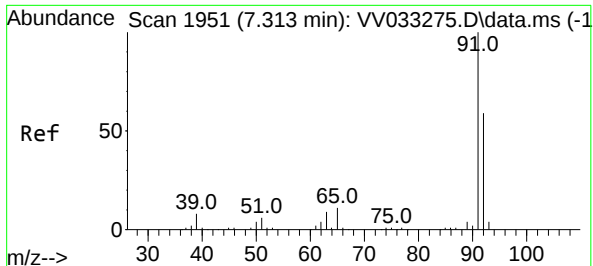
Tgt Ion: 63 Resp: 5141
Ion Ratio Lower Upper
63 100
112 0.0 5.0 7.6#



#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.039 min
Lab File: VV033285.D
Acq: 13 Dec 2023 18:46

Tgt Ion: 75 Resp: 1320
Ion Ratio Lower Upper
75 100
77 73.9 22.1 41.1#





#42

Toluene

Concen: 0.363 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV033285.D

Acq: 13 Dec 2023 18:46

Instrument :

MSVOA_V

ClientSampleId :

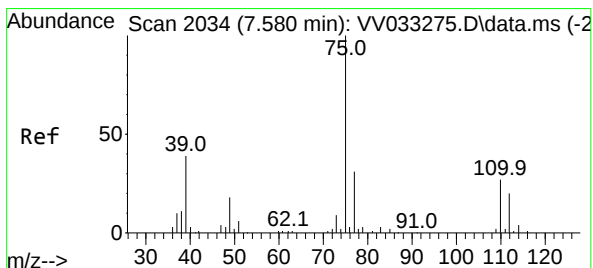
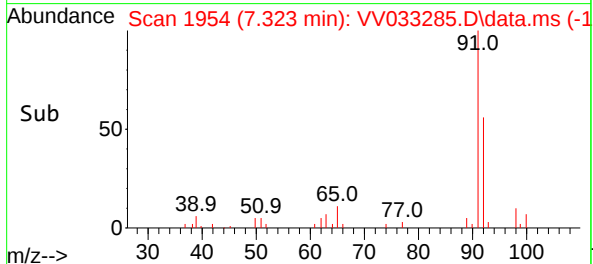
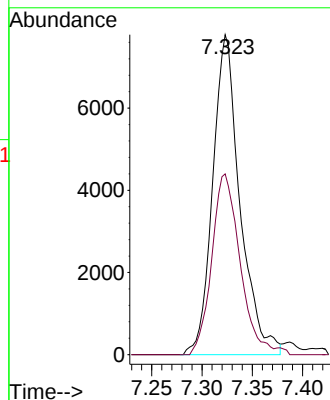
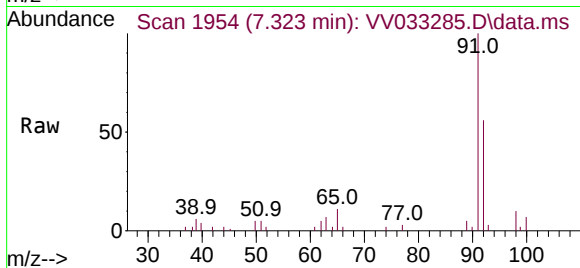
E0Y57

Tgt Ion: 91 Resp: 14675

Ion Ratio Lower Upper

91 100

92 56.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.019 min

Lab File: VV033285.D

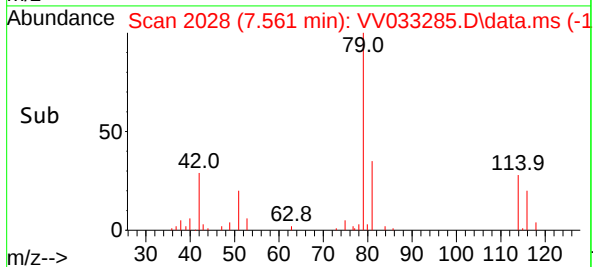
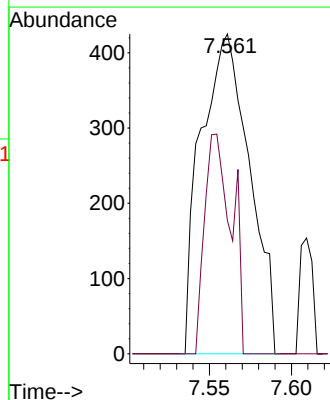
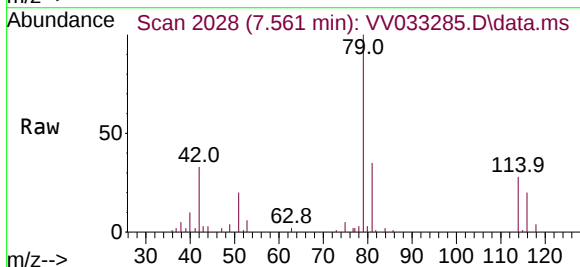
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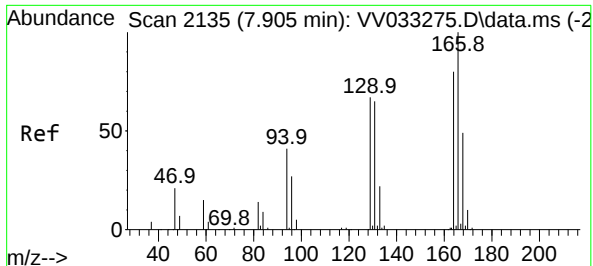
Tgt Ion: 75 Resp: 876

Ion Ratio Lower Upper

75 100

77 41.6 21.7 40.3#





#47

Tetrachloroethene

Concen: 0.229 ug/L

RT: 7.908 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV033285.D

Acq: 13 Dec 2023 18:46

Instrument :

MSVOA_V

ClientSampleId :

E0Y57

Tgt Ion:164 Resp: 2235

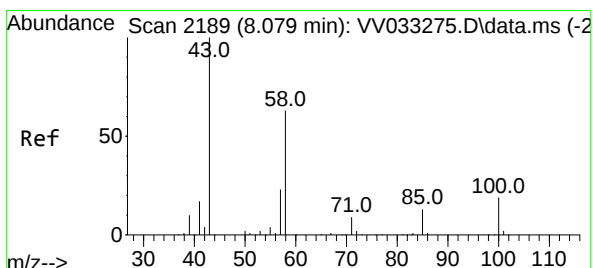
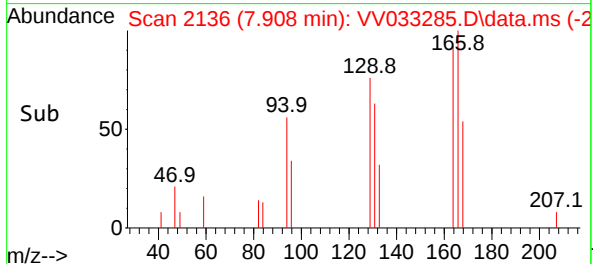
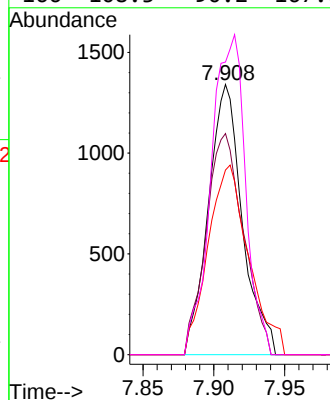
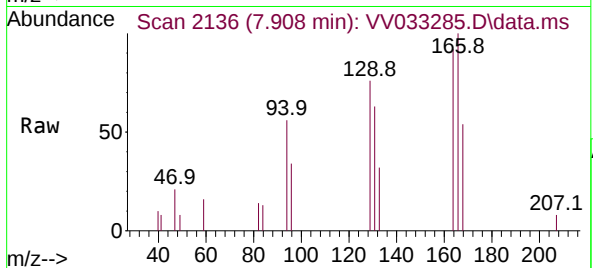
Ion Ratio Lower Upper

164 100

129 81.8 62.6 116.3

131 68.3 62.6 116.3

166 108.3 90.2 167.6



#48

2-Hexanone

Concen: 3.653 ug/L

RT: 8.030 min Scan# 2174

Delta R.T. -0.048 min

Lab File: VV033285.D

Acq: 13 Dec 2023 18:46

Tgt Ion: 43 Resp: 6617

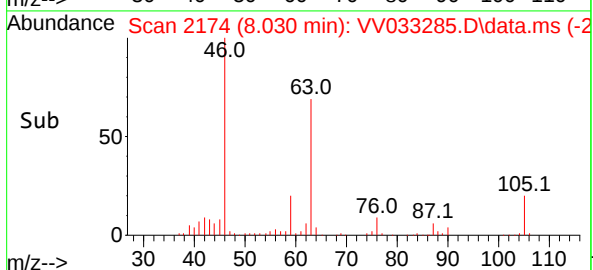
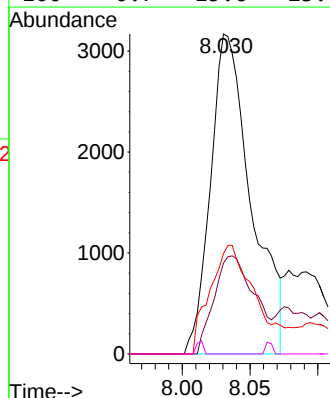
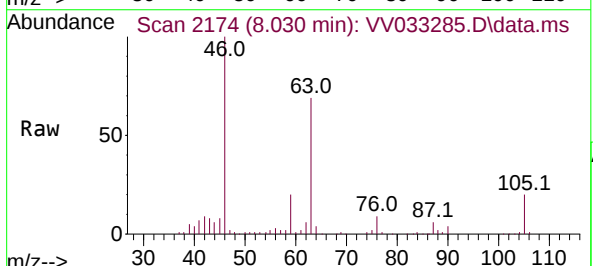
Ion Ratio Lower Upper

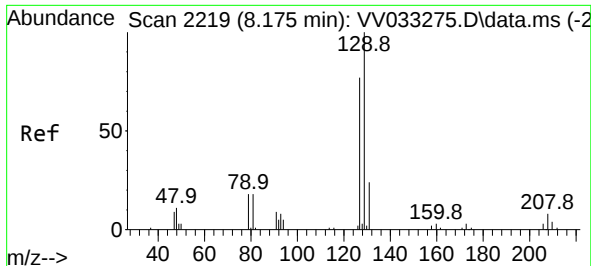
43 100

58 30.9 48.6 72.8#

57 39.4 18.1 27.1#

100 0.7 15.6 23.4#

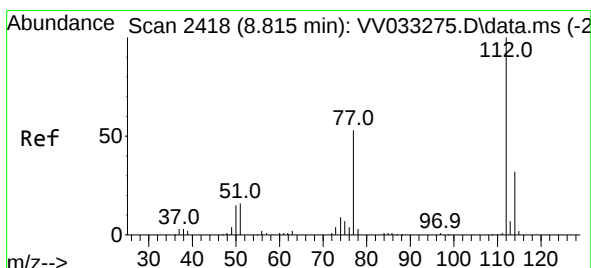
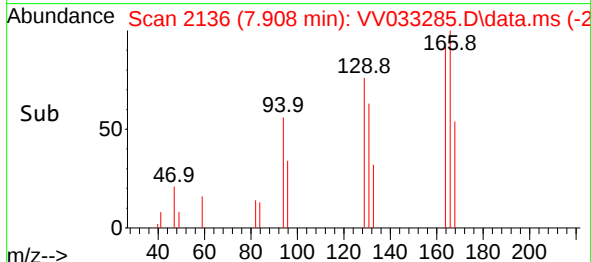
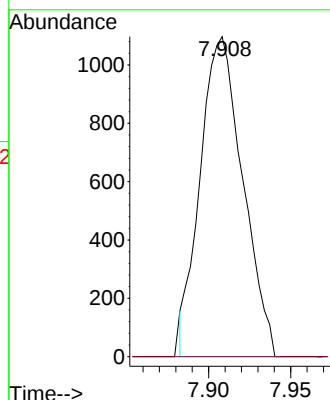
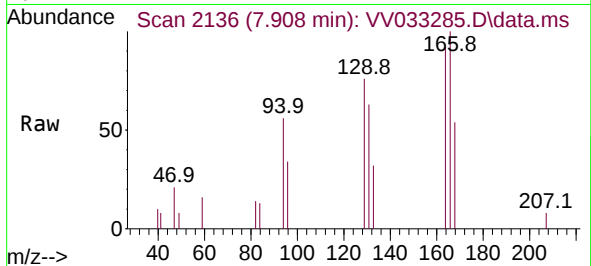




#49
Dibromochloromethane
Concen: 0.257 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.267 min
Lab File: VV033285.D
Acq: 13 Dec 2023 18:46

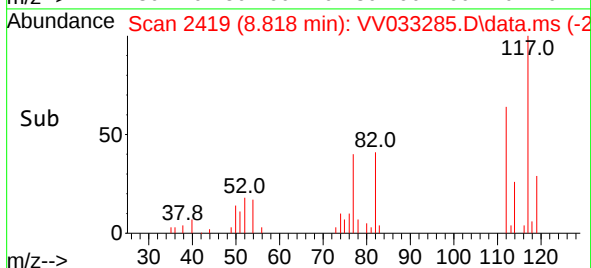
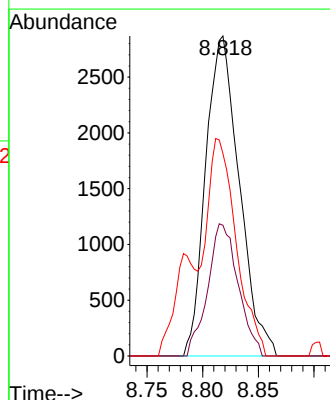
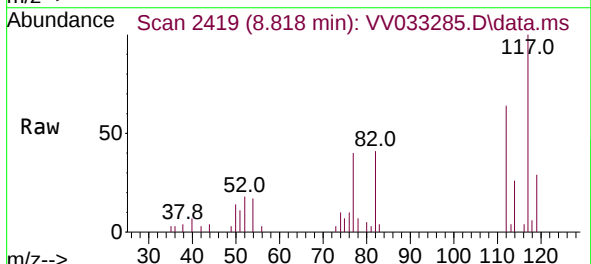
Instrument :
MSVOA_V
ClientSampleId :
E0Y57

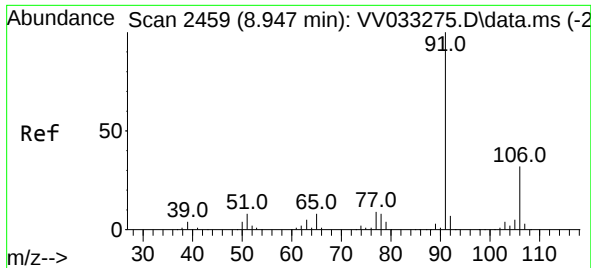
Tgt Ion:129 Resp: 1974
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#



#51
Chlorobenzene
Concen: 0.217 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV033285.D
Acq: 13 Dec 2023 18:46

Tgt Ion:112 Resp: 6020
Ion Ratio Lower Upper
112 100
114 40.9 22.8 42.4
77 63.3 41.3 61.9#

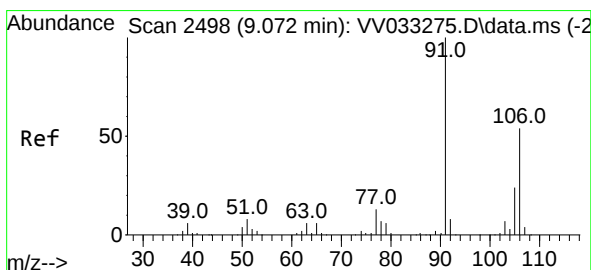
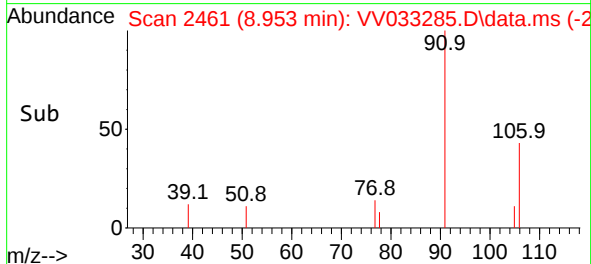
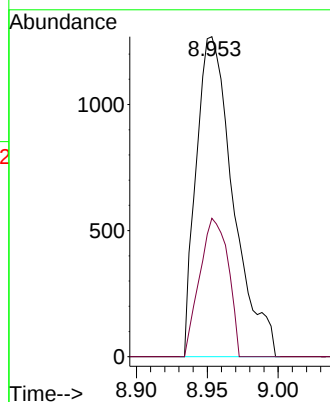
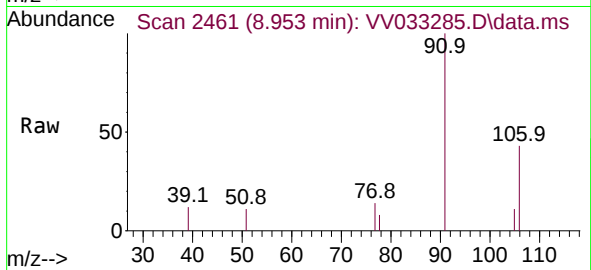




#52
Ethylbenzene
Concen: 0.051 ug/L
RT: 8.953 min Scan# 2459
Delta R.T. 0.006 min
Lab File: VV033285.D
Acq: 13 Dec 2023 18:46

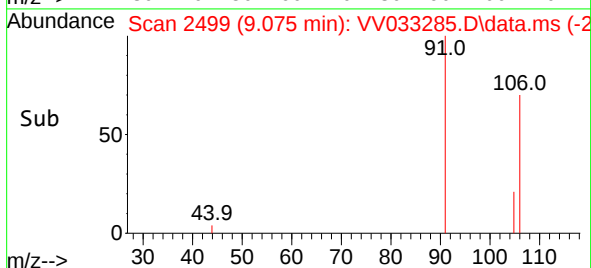
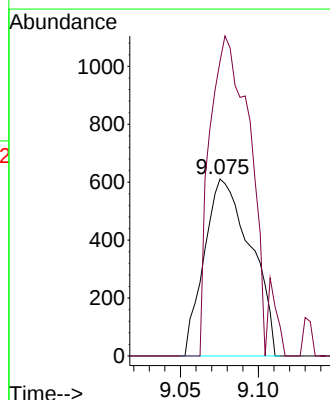
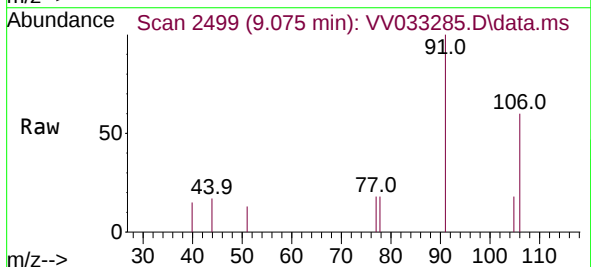
Instrument :
MSVOA_V
ClientSampleId :
E0Y57

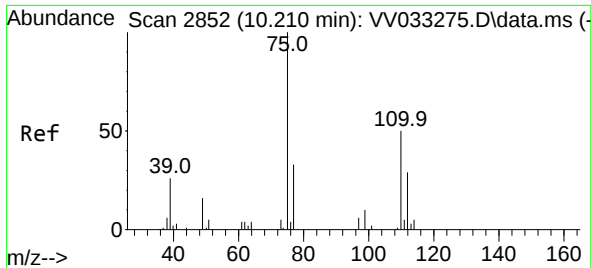
Tgt Ion: 91 Resp: 2300
Ion Ratio Lower Upper
91 100
106 43.3 22.7 42.3#



#53
m,p-Xylene
Concen: 0.068 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033285.D
Acq: 13 Dec 2023 18:46

Tgt Ion: 106 Resp: 1267
Ion Ratio Lower Upper
106 100
91 166.6 136.8 254.0





#61
 1,2,3-Trichloropropane
 Concen: 1.660 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.974 min
 Lab File: VV033285.D
 Acq: 13 Dec 2023 18:46

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y57

Tgt Ion: 75 Resp: 5811
 Ion Ratio Lower Upper
 75 100
 77 36.1 27.4 41.2
 110 4.1 39.4 59.2#

