

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033289.D
 Acq On : 13 Dec 2023 20:21
 Operator : SY/MD
 Sample : 05731-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY61

Quant Time: Dec 13 23:36:13 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	130517	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	40106	4.793	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.535	69	30677	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.063	65	16522	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	3.805	46	47117	47.586	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.180%
24) Chloroform-d	4.249	84	88159	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	4.944	65	42480	5.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	4.963	84	171390	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	5.992	67	40692	5.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.246	98	160442	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.558	79	18006	5.074	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.030	63	57495	58.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.080%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	28414	5.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	65572	5.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2642	0.284	ug/L	93
13) Acetone	2.133	43	2543	3.629	ug/L #	51
22) cis-1,2-Dichloroethene	3.825	96	1401	0.150	ug/L #	74
27) 1,2-Dichloroethane	4.969	62	1081	0.118	ug/L #	72
33) Benzene	5.014	78	9246	0.261	ug/L	100
34) Trichloroethene	5.837	95	21178	2.052	ug/L	97
35) Methylcyclohexane	6.050	83	2926	0.191	ug/L	91
37) 1,2-Dichloropropane	5.992	63	5367	0.754	ug/L #	81
39) cis-1,3-Dichloropropene	6.915	75	1577	0.136	ug/L #	41
42) Toluene	7.323	91	32222	0.795	ug/L	99
44) trans-1,3-Dichloropropene	7.561	75	784	0.081	ug/L #	40
47) Tetrachloroethene	7.908	164	2461	0.252	ug/L	93
49) Dibromochloromethane	7.911	129	2632	0.342	ug/L #	11
52) Ethylbenzene	8.953	91	5987	0.132	ug/L	91
53) m,p-Xylene	9.078	106	2799	0.150	ug/L	99
54) o-Xylene	9.480	106	1204	0.068	ug/L	78
61) 1,2,3-Trichloropropane	11.188	75	5680	1.583	ug/L #	55

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E0Y61

Quant Time: Dec 13 23:36:13 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

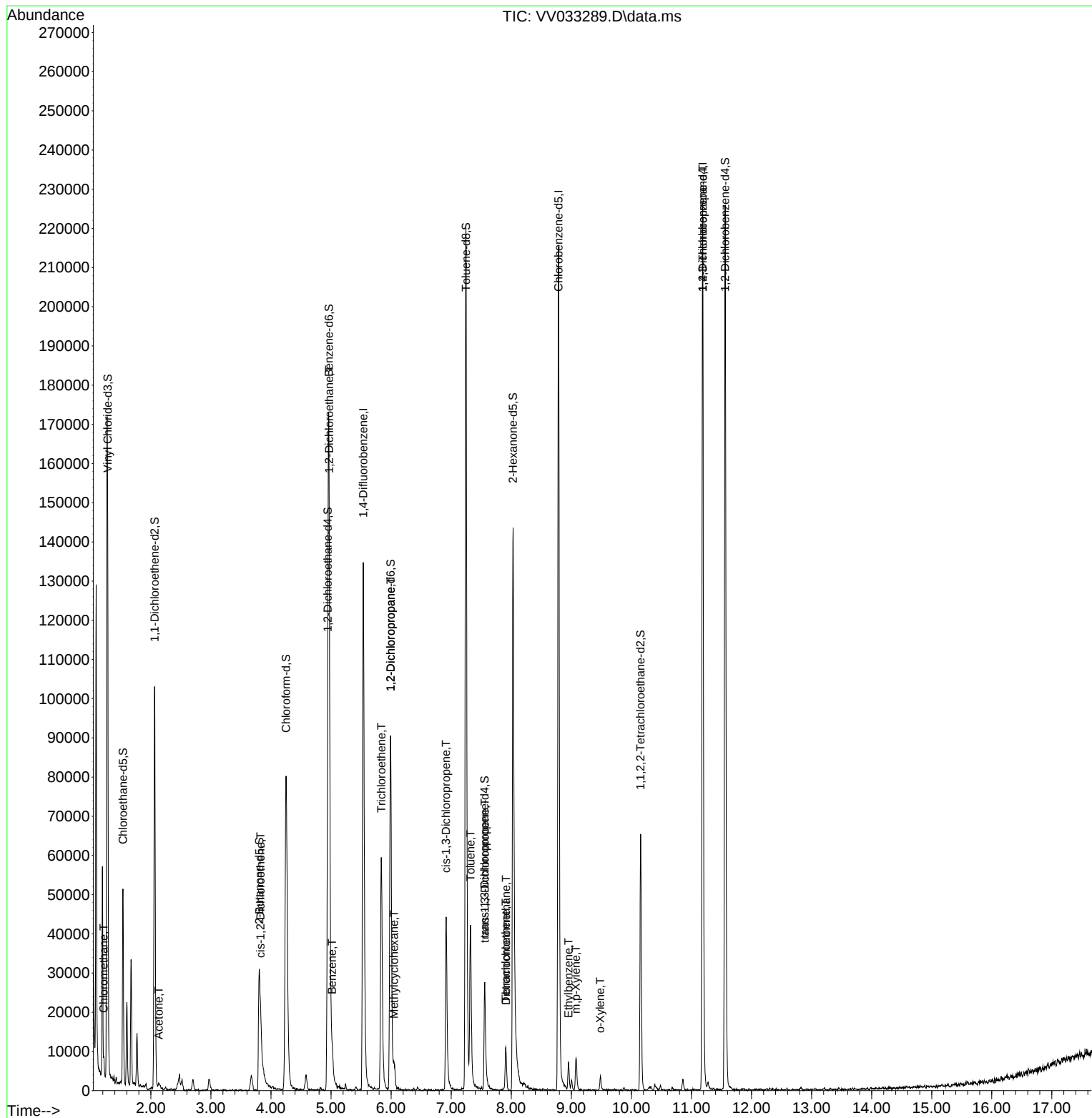
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

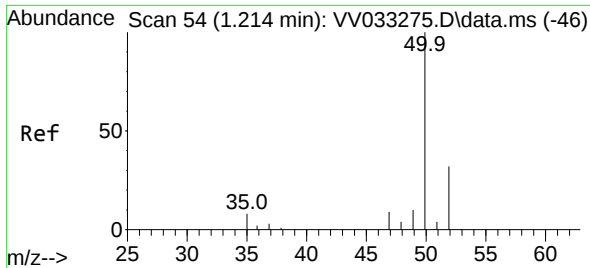
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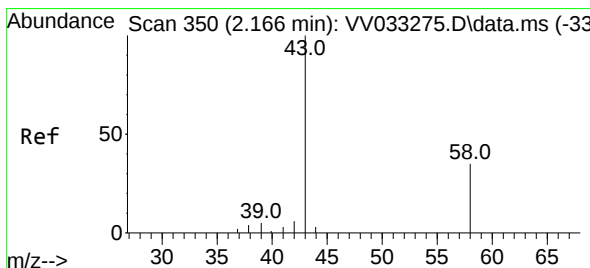
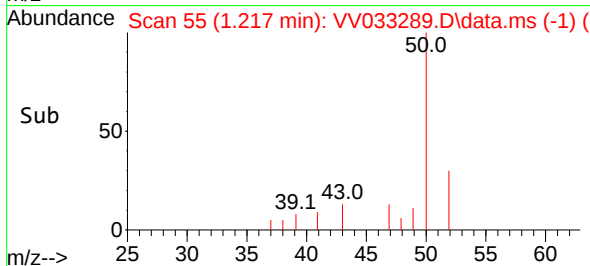
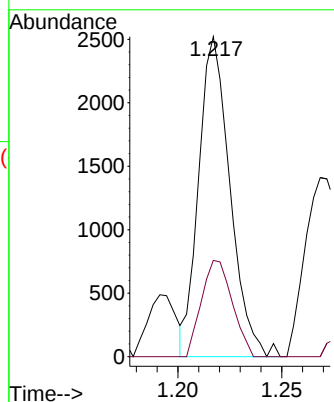
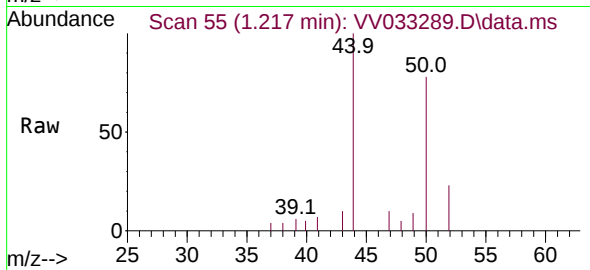




#3
Chloromethane
Concen: 0.284 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV033289.D
Acq: 13 Dec 2023 20:21

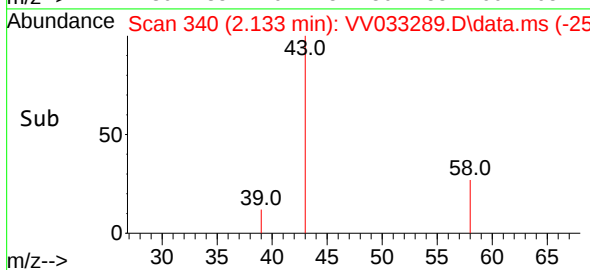
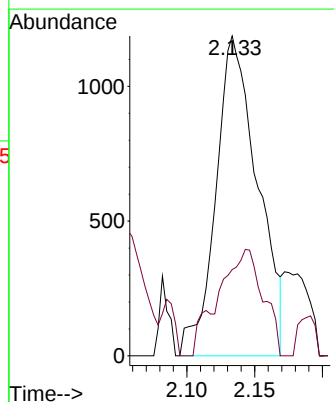
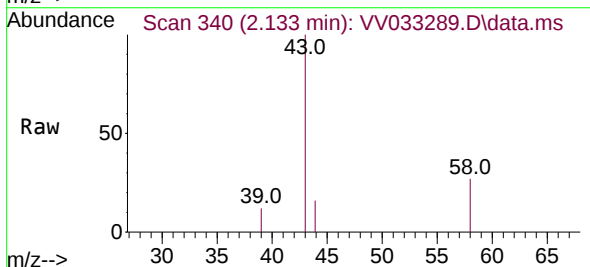
Instrument :
MSVOA_V
ClientSampleId :
E0Y61

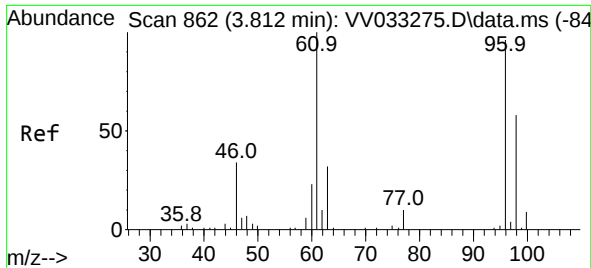
Tgt Ion: 50 Resp: 2642
Ion Ratio Lower Upper
50 100
52 30.1 23.8 44.2



#13
Acetone
Concen: 3.629 ug/L
RT: 2.133 min Scan# 340
Delta R.T. -0.032 min
Lab File: VV033289.D
Acq: 13 Dec 2023 20:21

Tgt Ion: 43 Resp: 2543
Ion Ratio Lower Upper
43 100
58 35.6 0.0 30.2#

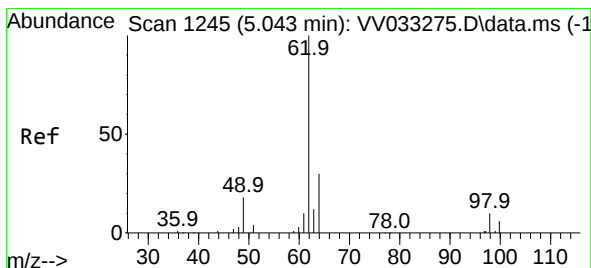
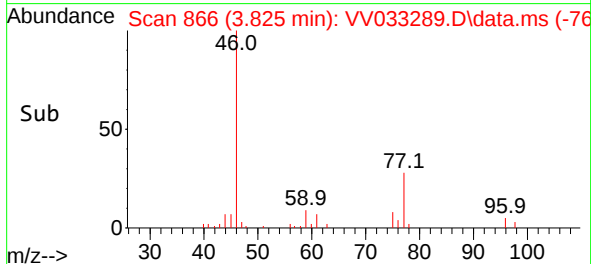
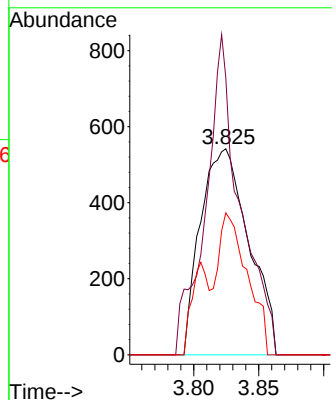
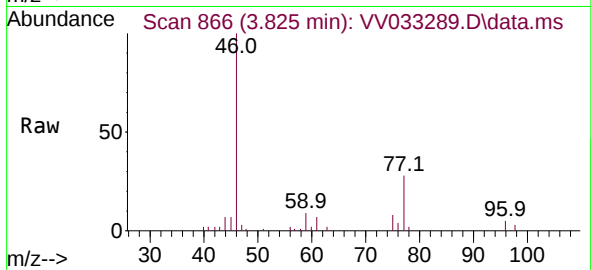




#22
 cis-1,2-Dichloroethene
 Concen: 0.150 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.013 min
 Lab File: VV033289.D
 Acq: 13 Dec 2023 20:21

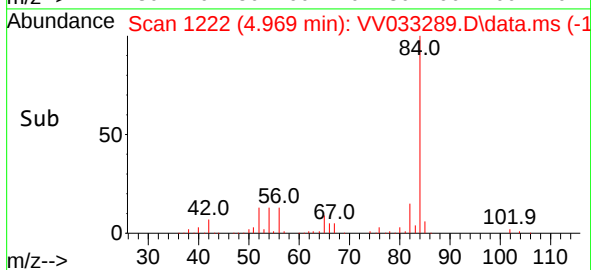
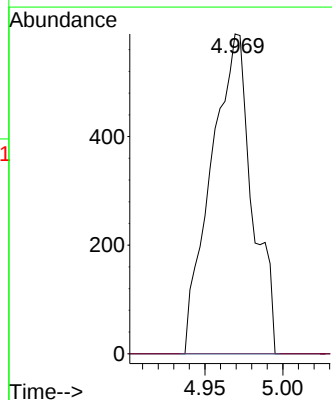
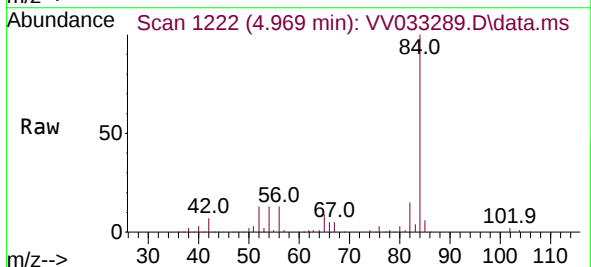
Instrument :
 MSVOA_V
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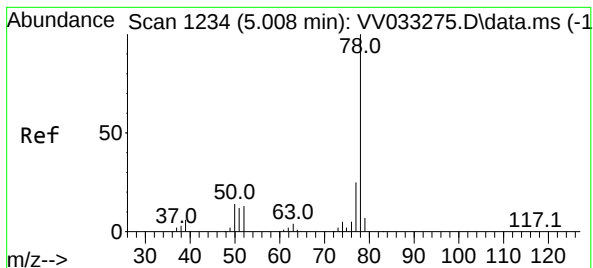
Tgt Ion: 96 Resp: 1401
 Ion Ratio Lower Upper
 96 100
 61 134.5 69.9 129.9#
 98 68.8 42.4 78.8



#27
 1,2-Dichloroethane
 Concen: 0.118 ug/L
 RT: 4.969 min Scan# 1222
 Delta R.T. -0.074 min
 Lab File: VV033289.D
 Acq: 13 Dec 2023 20:21

Tgt Ion: 62 Resp: 1081
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#





#33

Benzene

Concen: 0.261 ug/L

RT: 5.014 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

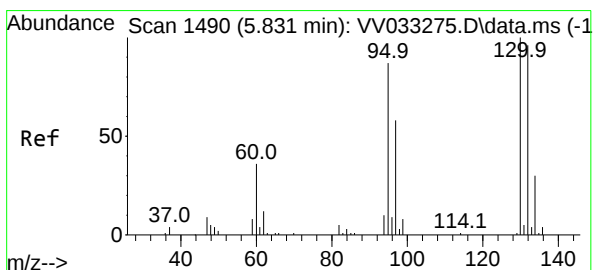
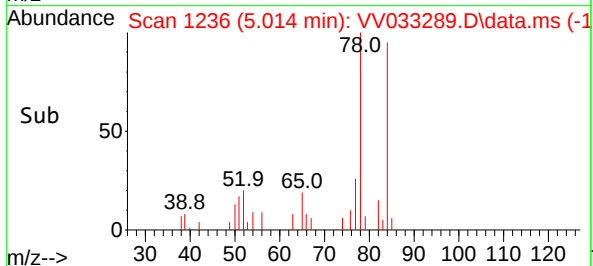
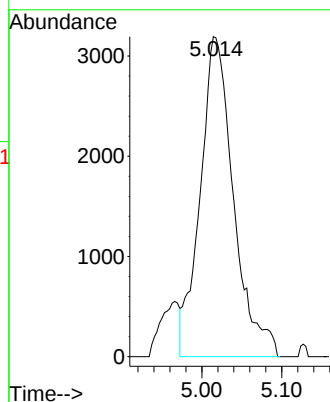
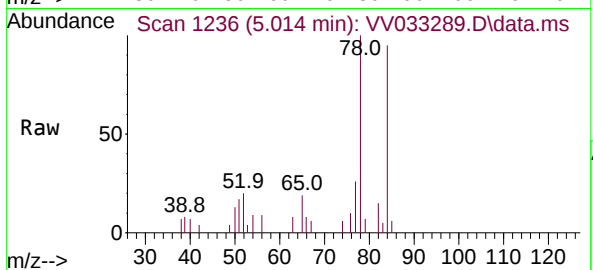
Instrument :

MSVOA_V

ClientSampleId :

E0Y61

Tgt Ion: 78 Resp: 9246



#34

Trichloroethene

Concen: 2.052 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

Tgt Ion: 95 Resp: 21178

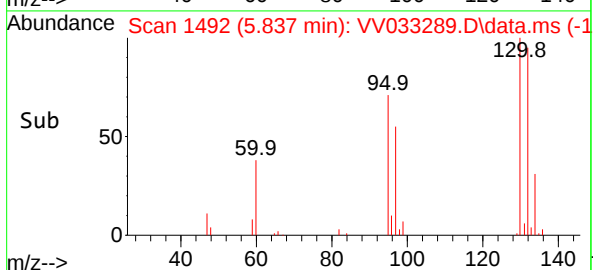
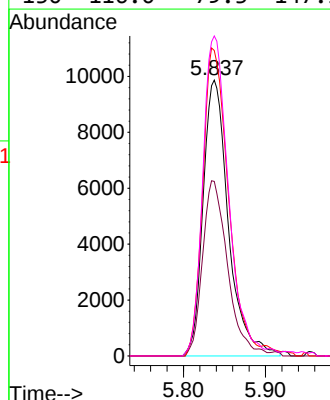
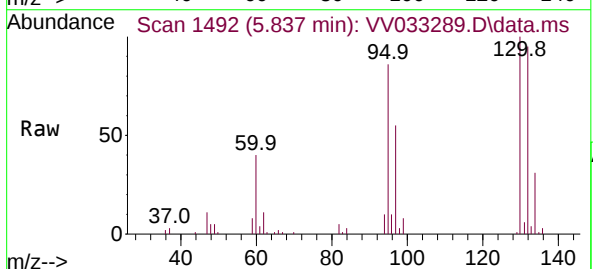
Ion Ratio Lower Upper

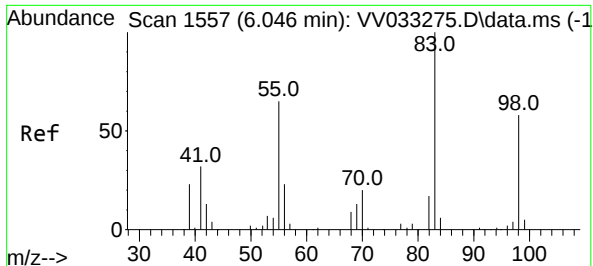
95 100

97 63.3 46.5 86.5

132 110.7 75.1 139.5

130 116.0 79.3 147.3

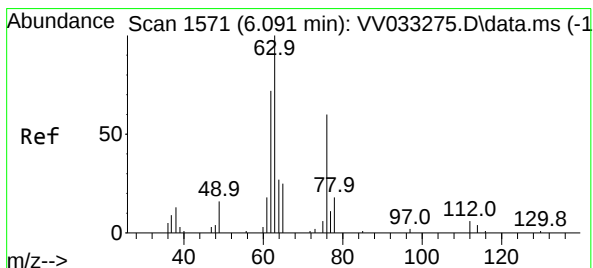
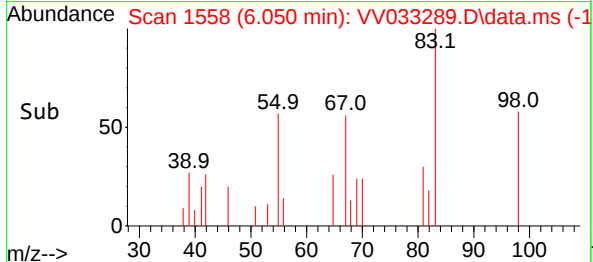
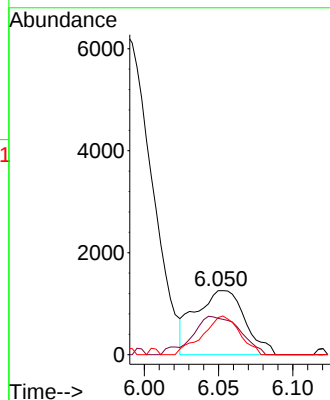
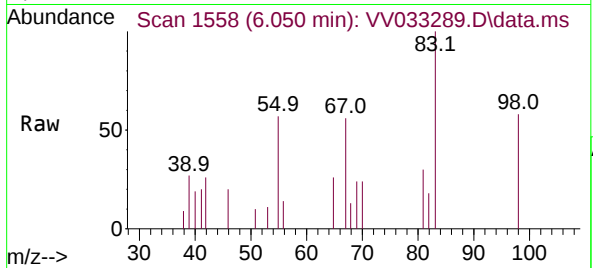




#35
Methylcyclohexane
Concen: 0.191 ug/L
RT: 6.050 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033289.D
Acq: 13 Dec 2023 20:21

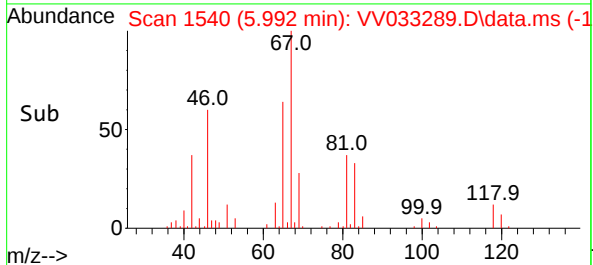
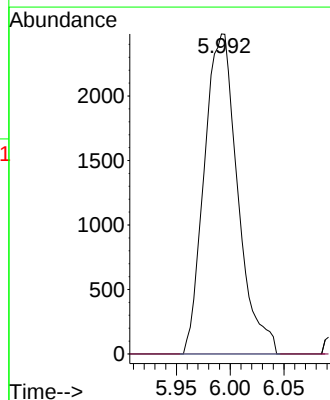
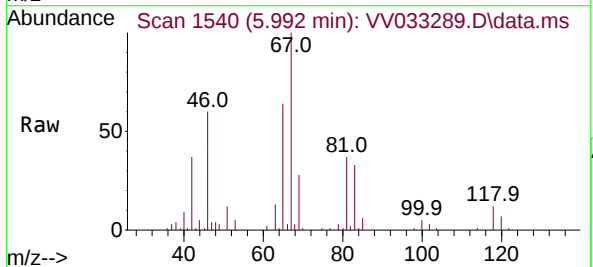
Instrument :
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ClientSampleId :
E0Y61

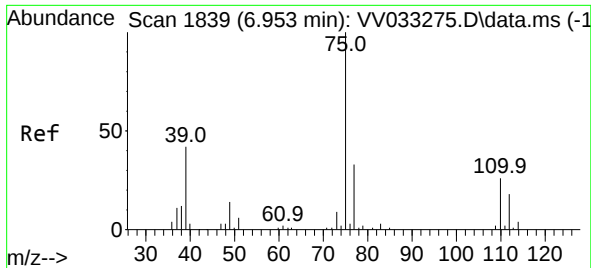
Tgt Ion: 83 Resp: 2926
Ion Ratio Lower Upper
83 100
55 57.6 50.7 76.1
98 44.8 42.4 63.6



#37
1,2-Dichloropropane
Concen: 0.754 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.100 min
Lab File: VV033289.D
Acq: 13 Dec 2023 20:21

Tgt Ion: 63 Resp: 5367
Ion Ratio Lower Upper
63 100
112 0.0 5.0 7.6#





#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

Instrument :

MSVOA_V

ClientSampleId :

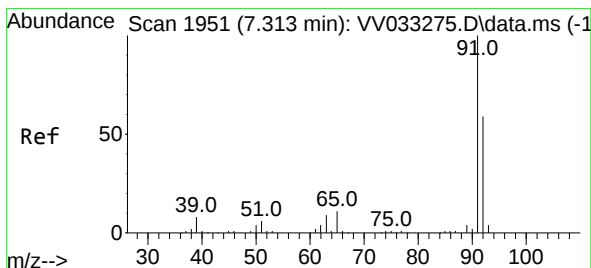
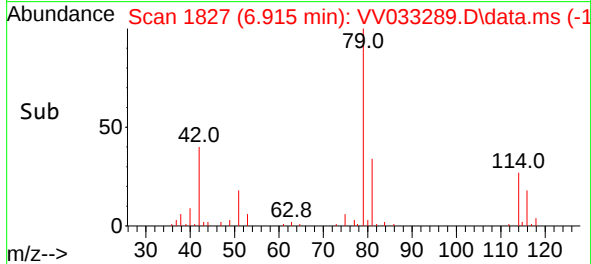
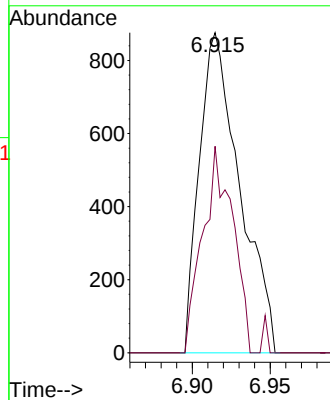
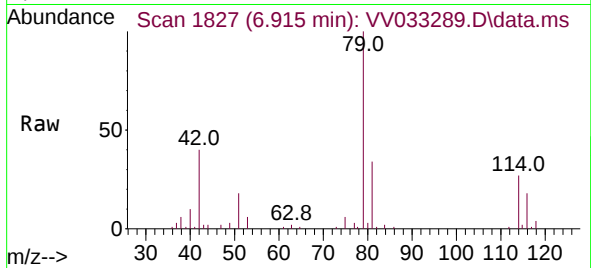
E0Y61

Tgt Ion: 75 Resp: 1577

Ion Ratio Lower Upper

75 100

77 64.5 22.1 41.1#



#42

Toluene

Concen: 0.795 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV033289.D

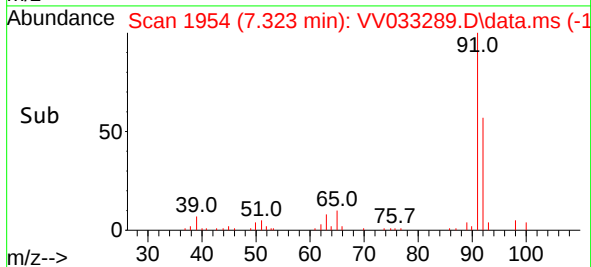
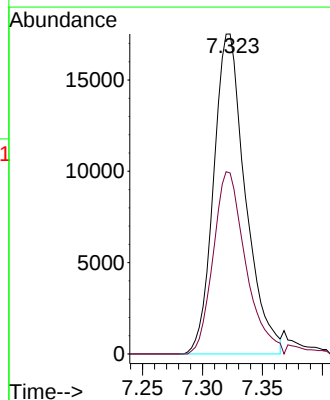
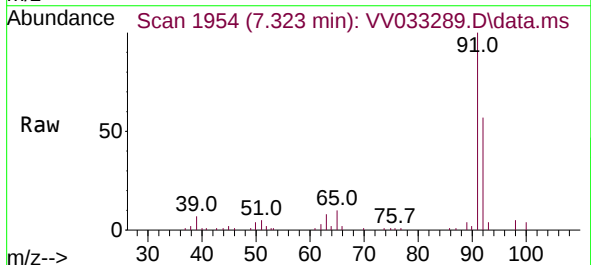
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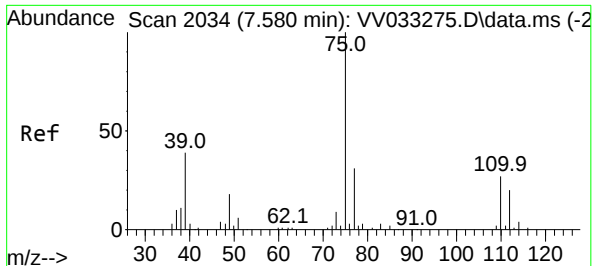
Tgt Ion: 91 Resp: 32222

Ion Ratio Lower Upper

91 100

92 56.5 40.2 74.6

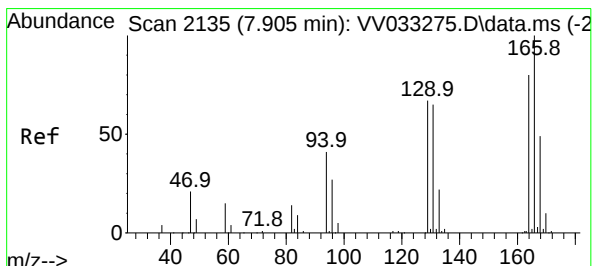
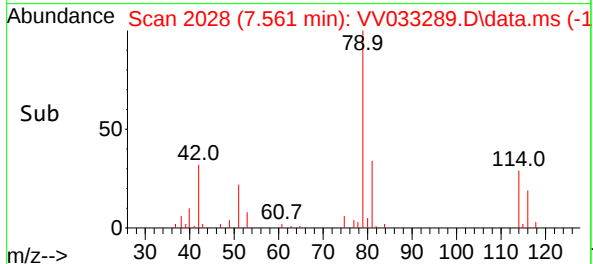
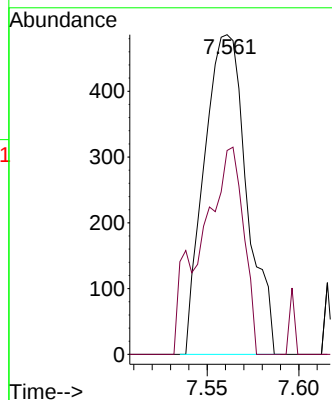
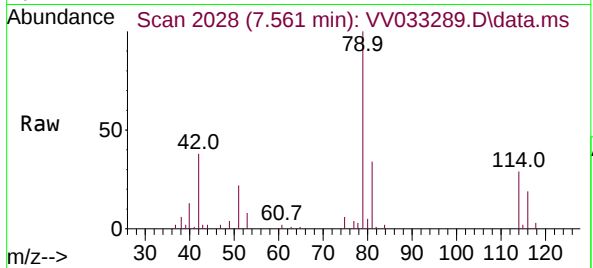




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.561 min Scan# 2034
Delta R.T. -0.019 min
Lab File: VV033289.D
Acq: 13 Dec 2023 20:21

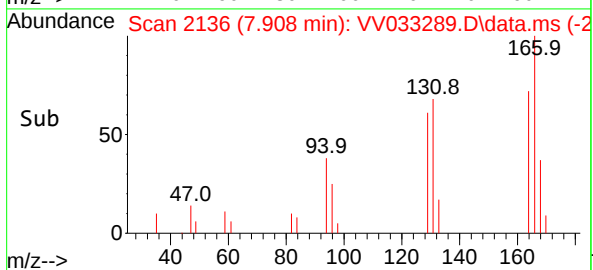
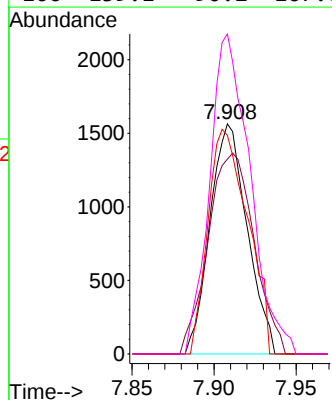
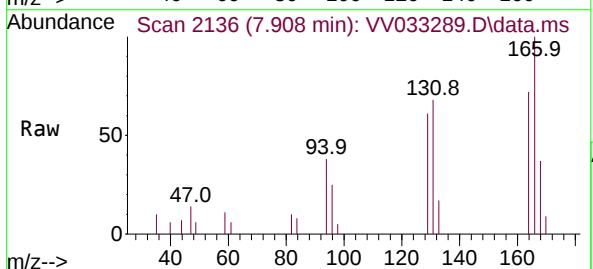
Instrument :
MSVOA_V
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E0Y61

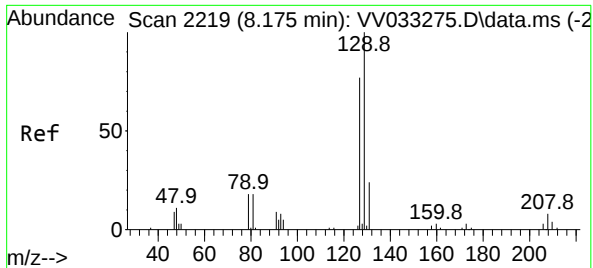
Tgt Ion: 75 Resp: 784
Ion Ratio Lower Upper
75 100
77 63.8 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.252 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033289.D
Acq: 13 Dec 2023 20:21

Tgt Ion: 164 Resp: 2461
Ion Ratio Lower Upper
164 100
129 84.7 62.6 116.3
131 95.0 62.6 116.3
166 139.1 90.2 167.6





#49

Dibromochloromethane

Concen: 0.342 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV033289.D

Acq: 13 Dec 2023 20:21

Instrument :

MSVOA_V

ClientSampleId :

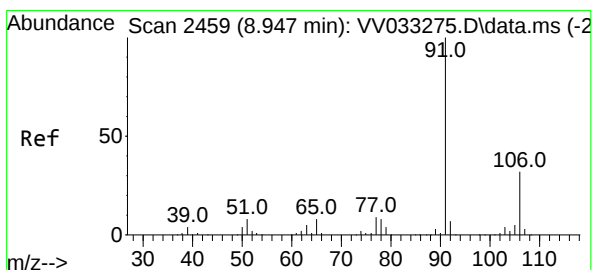
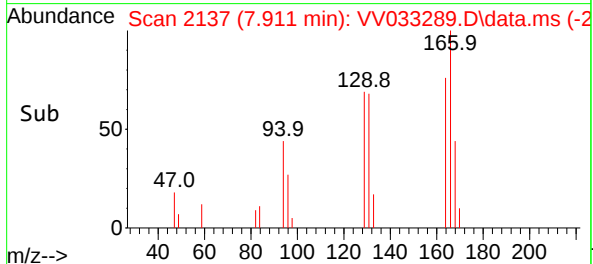
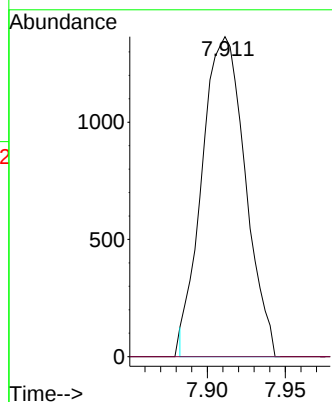
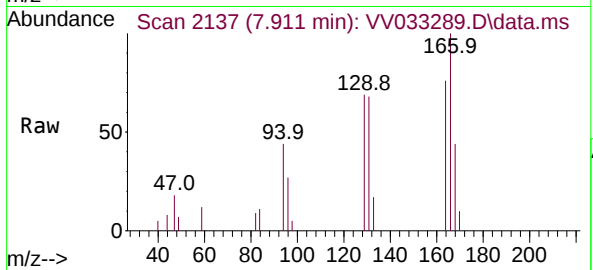
E0Y61

Tgt Ion:129 Resp: 2632

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#52

Ethylbenzene

Concen: 0.132 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.006 min

Lab File: VV033289.D

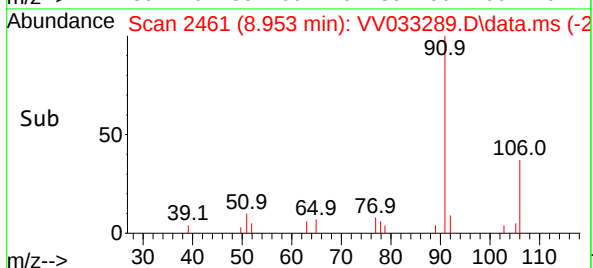
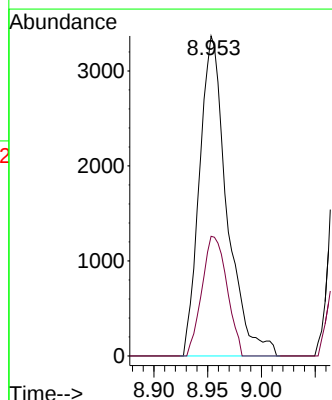
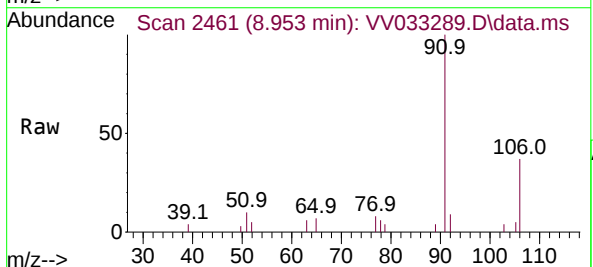
Acq: 13 Dec 2023 20:21

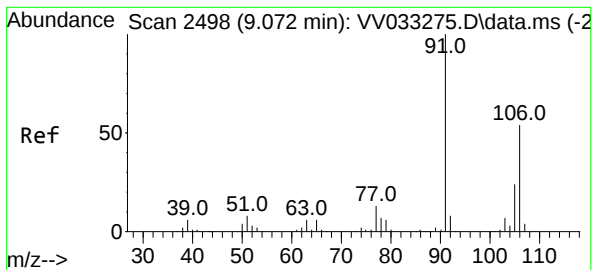
Tgt Ion: 91 Resp: 5987

Ion Ratio Lower Upper

91 100

106 37.4 22.7 42.3

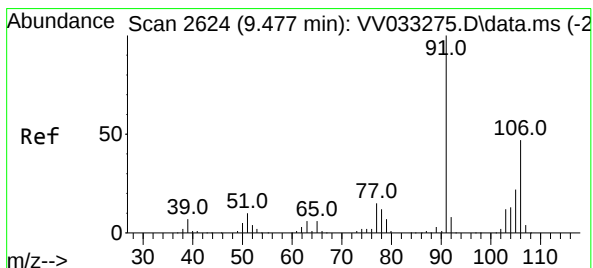
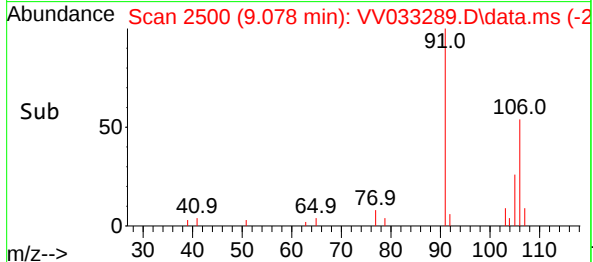
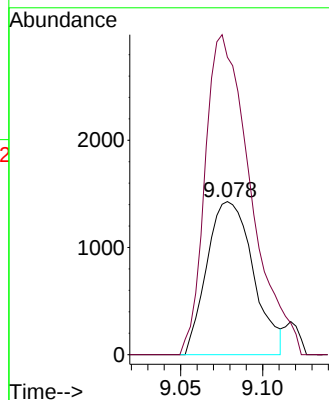
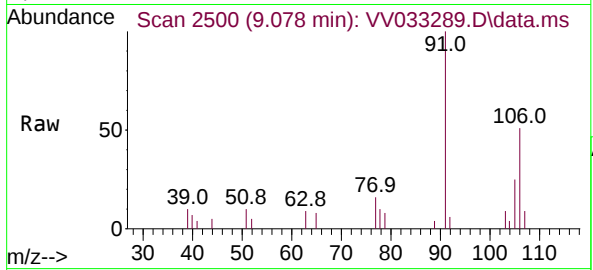




#53
m,p-Xylene
Concen: 0.150 ug/L
RT: 9.078 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV033289.D
Acq: 13 Dec 2023 20:21

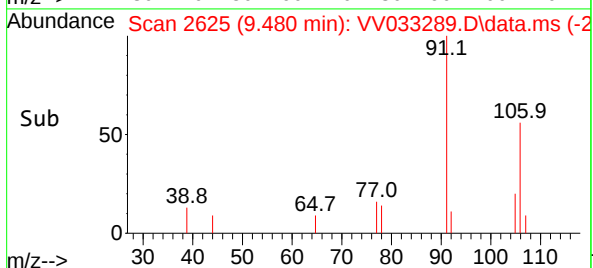
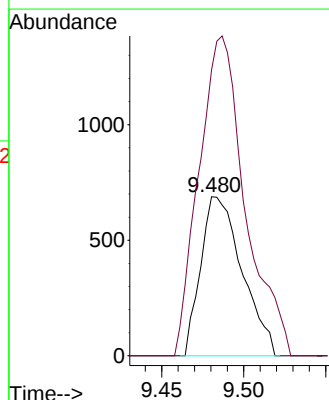
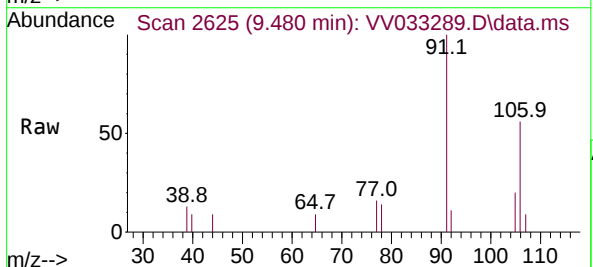
Instrument :
MSVOA_V
ClientSampleId :
E0Y61

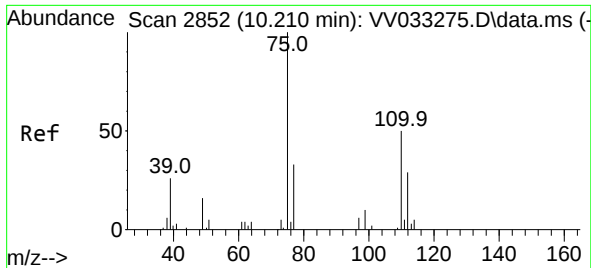
Tgt Ion:106 Resp: 2799
Ion Ratio Lower Upper
106 100
91 194.3 136.8 254.0



#54
o-Xylene
Concen: 0.068 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033289.D
Acq: 13 Dec 2023 20:21

Tgt Ion:106 Resp: 1204
Ion Ratio Lower Upper
106 100
91 179.8 149.9 278.5





#61

1,2,3-Trichloropropane

Concen: 1.583 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV033289.D

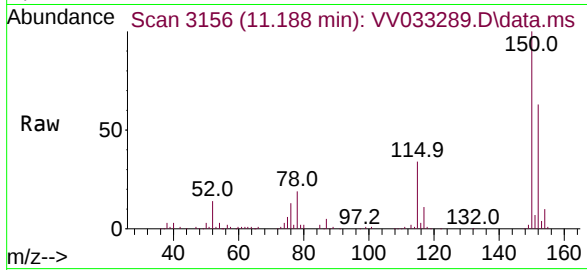
Acq: 13 Dec 2023 20:21

Instrument :

MSVOA_V

ClientSampleId :

E0Y61



Tgt Ion:	75	Resp:	5680
Ion	Ratio	Lower	Upper
75	100		
77	40.7	27.4	41.2
110	2.3	39.4	59.2#

