

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033308.D
 Acq On : 14 Dec 2023 04:19
 Operator : SY/MD
 Sample : 05770-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY80

Quant Time: Dec 14 05:45:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	132004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	128437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44609	5.271	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.532	69	33643	5.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.060	65	17732	5.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.200%
20) 2-Butanone-d5	3.841	46	41940	41.880	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.760%
24) Chloroform-d	4.249	84	93071	5.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	4.944	65	42965	5.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	4.960	84	177236	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	5.989	67	41484	5.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.243	98	162375	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.558	79	16594	4.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.034	63	53445	55.490	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.980%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27878	5.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	64309	5.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2138	0.227	ug/L	98
5) Vinyl chloride	1.282	62	750	0.079	ug/L #	1
14) Carbon disulfide	2.240	76	42104	1.711	ug/L	100
15) Methyl Acetate	2.381	43	390	0.208	ug/L #	49
22) cis-1,2-Dichloroethene	3.822	96	5450	0.576	ug/L	92
34) Trichloroethene	5.838	95	4369	0.435	ug/L	96
35) Methylcyclohexane	5.989	83	12537	0.844	ug/L #	23
37) 1,2-Dichloropropane	5.989	63	5501	0.795	ug/L #	81
39) cis-1,3-Dichloropropene	6.921	75	1274	0.113	ug/L #	18
42) Toluene	7.317	91	72809	1.847	ug/L	97
44) trans-1,3-Dichloropropene	7.558	75	786	0.084	ug/L #	22
49) Dibromochloromethane	7.905	129	767	0.103	ug/L #	11
51) Chlorobenzene	8.818	112	10180	0.377	ug/L	95
61) 1,2,3-Trichloropropane	11.185	75	6586	1.888	ug/L #	58
63) 1,2,4-Trimethylbenzene	10.857	105	3963	0.112	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	3234	0.146	ug/L	86
67) 1,2-Dichlorobenzene	11.580	146	6971	0.365	ug/L	92
71) Naphthalene	13.455	128	2162	0.137	ug/L #	78

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration

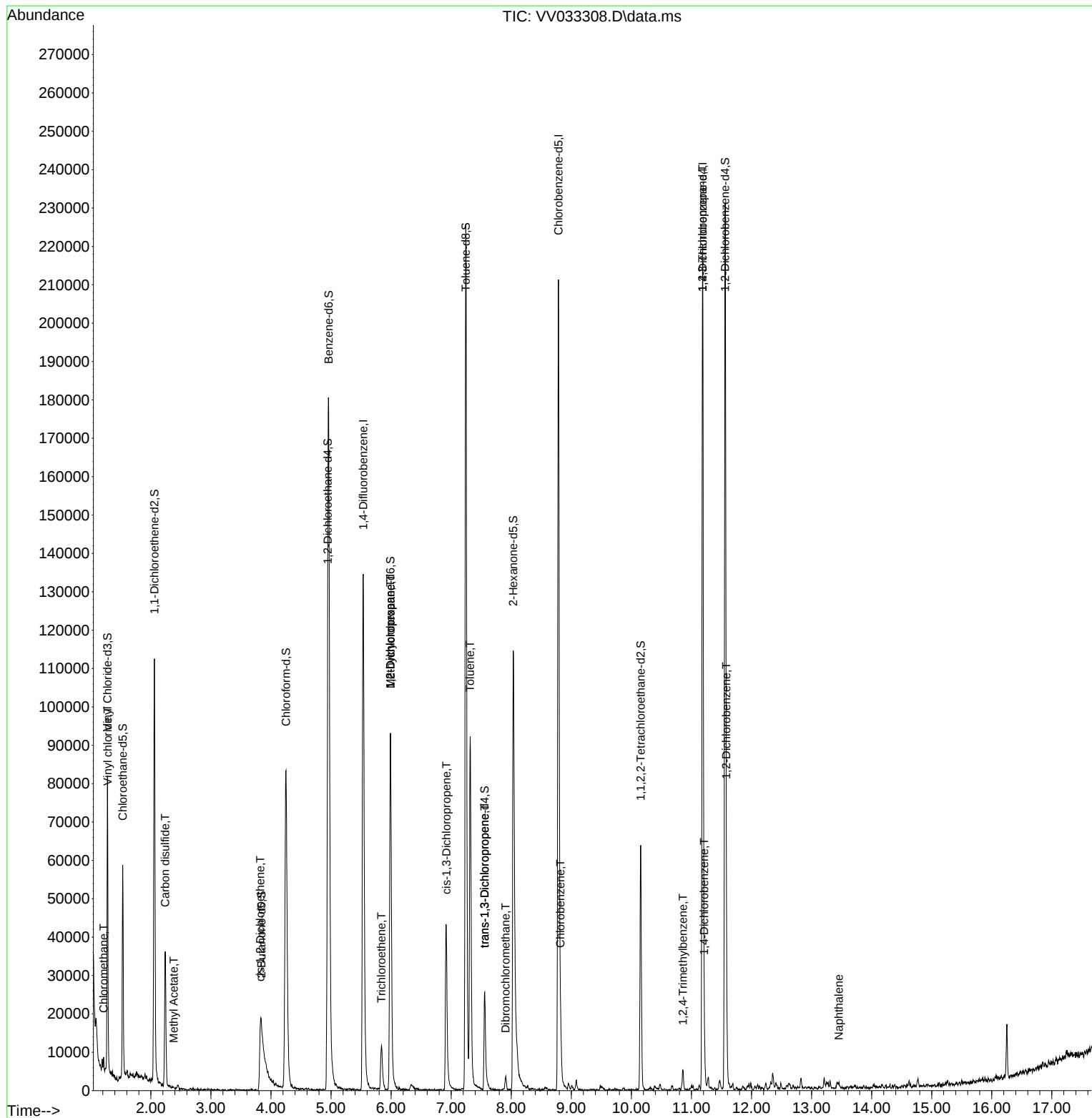
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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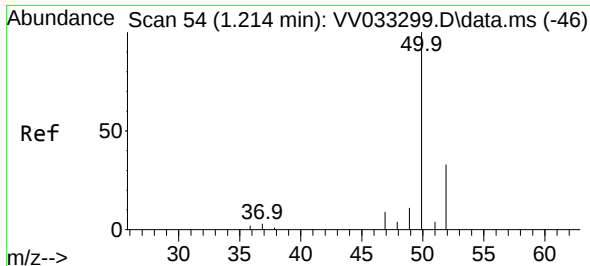
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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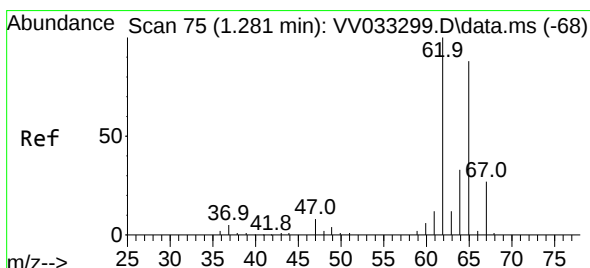
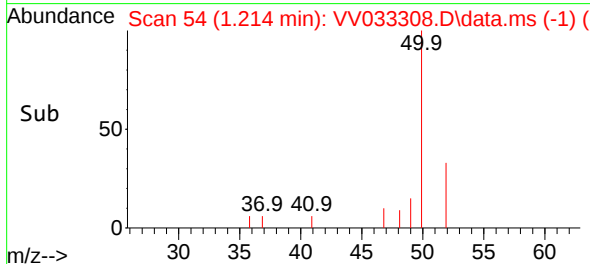
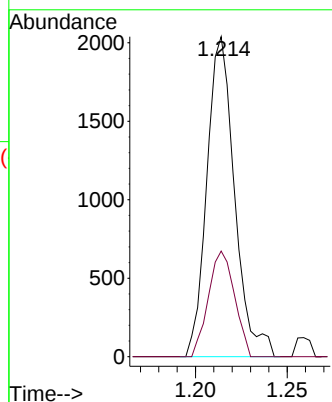
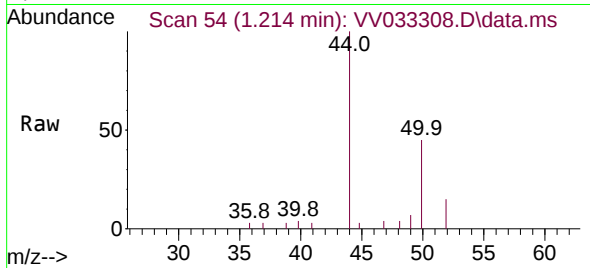




#3
Chloromethane
Concen: 0.227 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

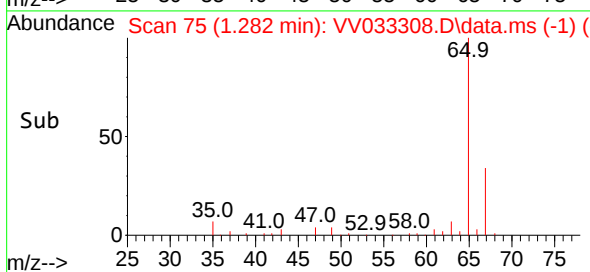
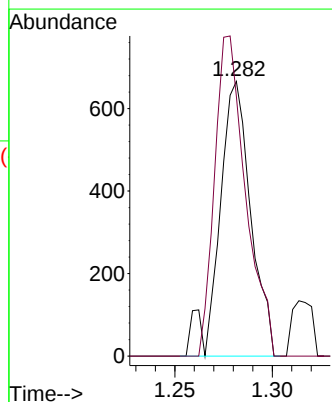
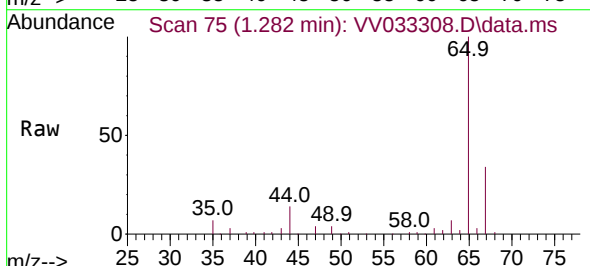
Instrument :
MSVOA_V
ClientSampleId :
E0Y80

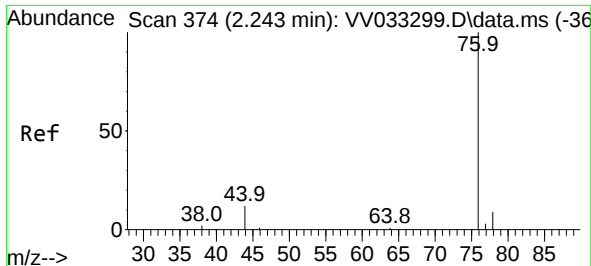
Tgt Ion: 50 Resp: 2138
Ion Ratio Lower Upper
50 100
52 33.0 23.8 44.2



#5
Vinyl chloride
Concen: 0.079 ug/L
RT: 1.282 min Scan# 75
Delta R.T. 0.000 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

Tgt Ion: 62 Resp: 750
Ion Ratio Lower Upper
62 100
64 94.6 23.0 42.8#





#14

Carbon disulfide

Concen: 1.711 ug/L

RT: 2.240 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

Instrument :

MSVOA_V

ClientSampleId :

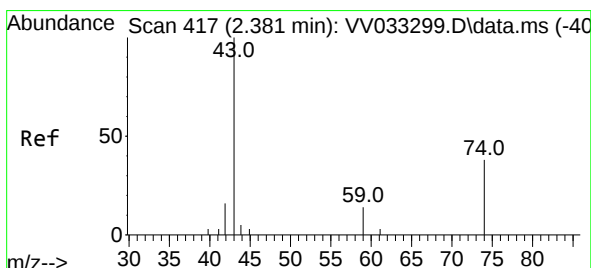
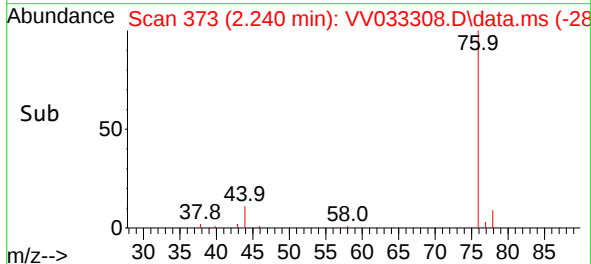
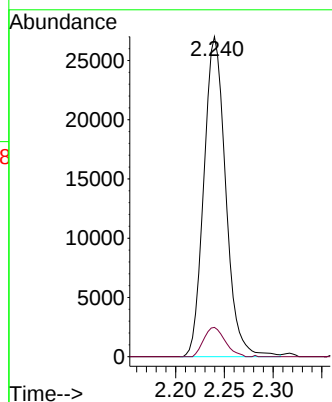
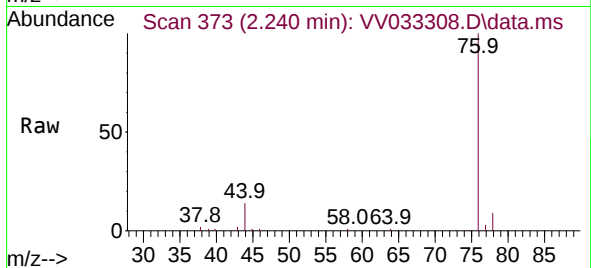
E0Y80

Tgt Ion: 76 Resp: 42104

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#15

Methyl Acetate

Concen: 0.208 ug/L

RT: 2.381 min Scan# 417

Delta R.T. 0.000 min

Lab File: VV033308.D

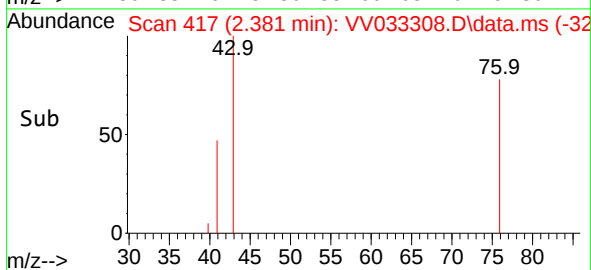
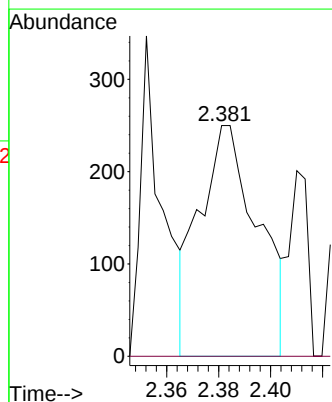
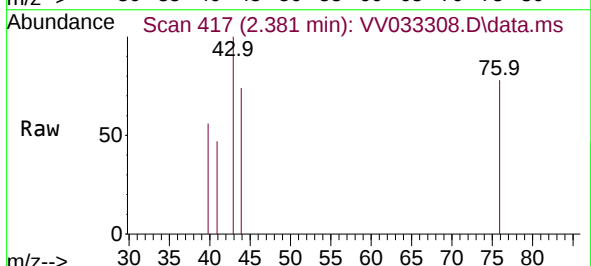
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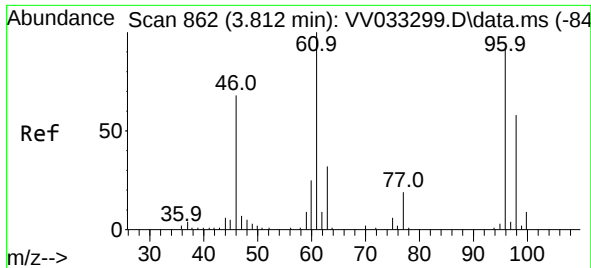
Tgt Ion: 43 Resp: 390

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#

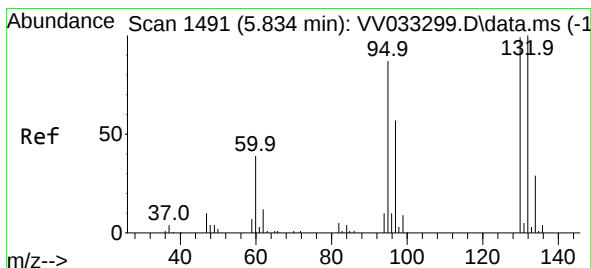
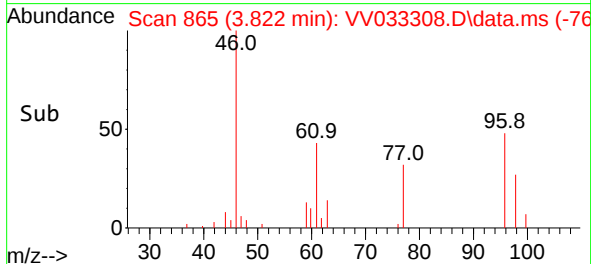
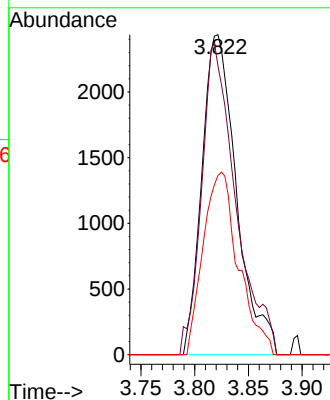
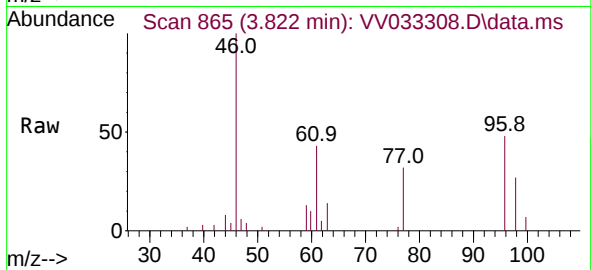




#22
 cis-1,2-Dichloroethene
 Concen: 0.576 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.010 min
 Lab File: VV033308.D
 Acq: 14 Dec 2023 04:19

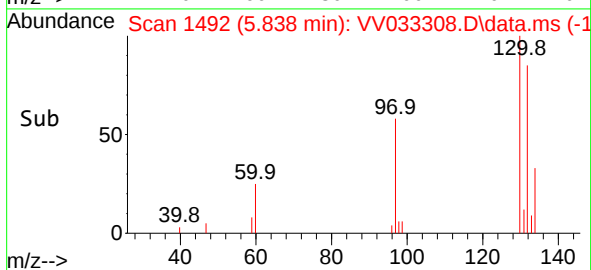
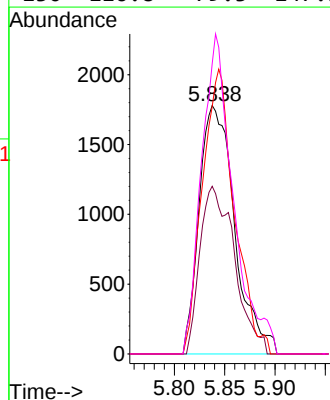
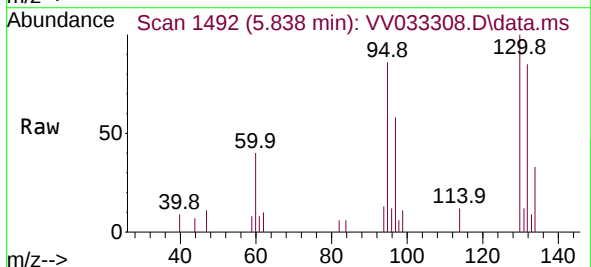
Instrument :
 MSVOA_V
 ClientSampleId :
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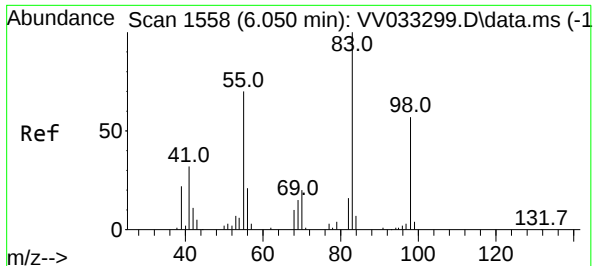
Tgt Ion: 96 Resp: 5450
 Ion Ratio Lower Upper
 96 100
 61 90.2 69.9 129.9
 98 56.0 42.4 78.8



#34
 Trichloroethene
 Concen: 0.435 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.003 min
 Lab File: VV033308.D
 Acq: 14 Dec 2023 04:19

Tgt Ion: 95 Resp: 4369
 Ion Ratio Lower Upper
 95 100
 97 67.5 46.5 86.5
 132 99.6 75.1 139.5
 130 116.8 79.3 147.3





#35

Methylcyclohexane

Concen: 0.844 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

Instrument :

MSVOA_V

ClientSampleId :

E0Y80

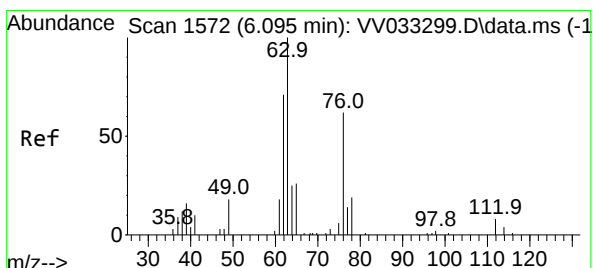
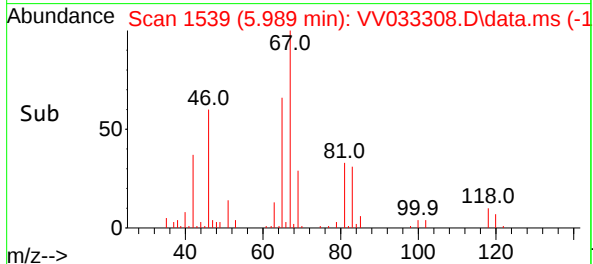
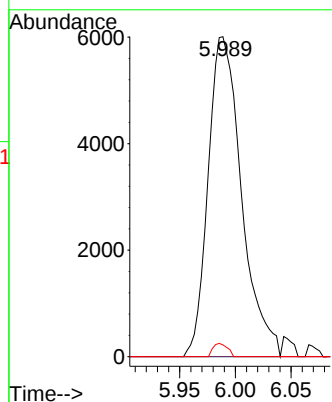
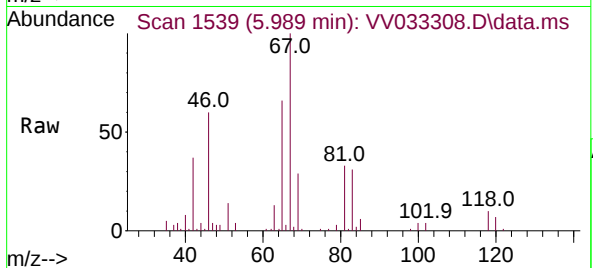
Tgt Ion: 83 Resp: 12537

Ion Ratio Lower Upper

83 100

55 0.0 50.7 76.1#

98 1.8 42.4 63.6#



#37

1,2-Dichloropropane

Concen: 0.795 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.106 min

Lab File: VV033308.D

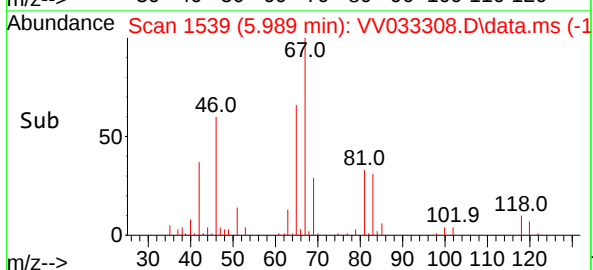
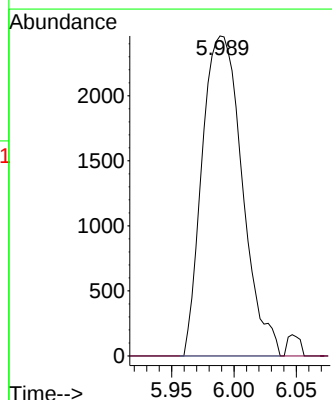
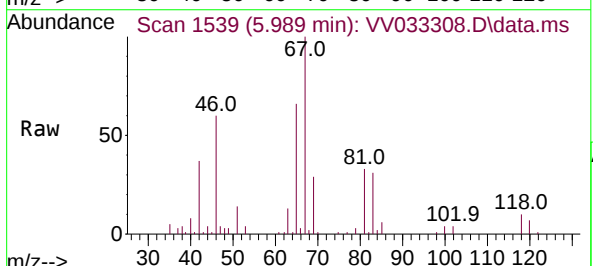
Acq: 14 Dec 2023 04:19

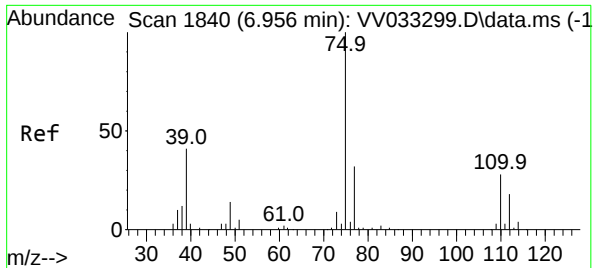
Tgt Ion: 63 Resp: 5501

Ion Ratio Lower Upper

63 100

112 0.0 5.0 7.6#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.035 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

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ClientSampleId :

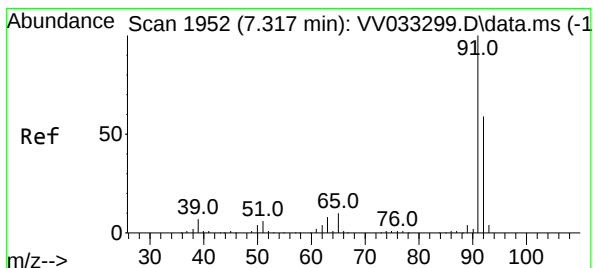
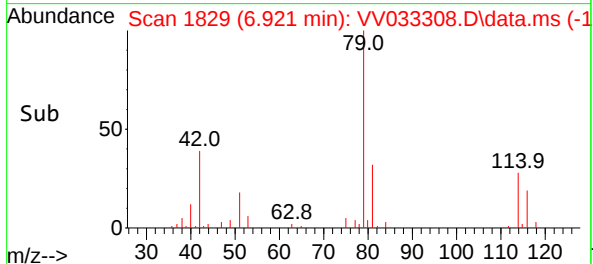
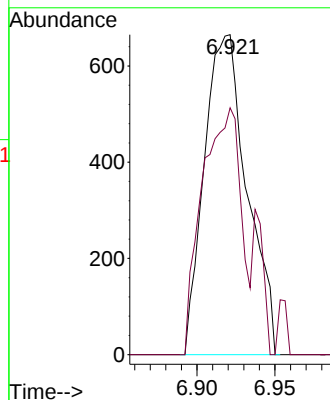
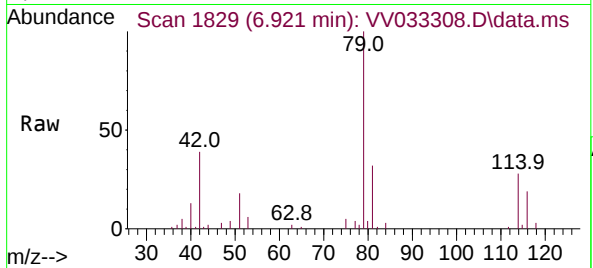
E0Y80

Tgt Ion: 75 Resp: 1274

Ion Ratio Lower Upper

75 100

77 77.1 22.1 41.1#



#42

Toluene

Concen: 1.847 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV033308.D

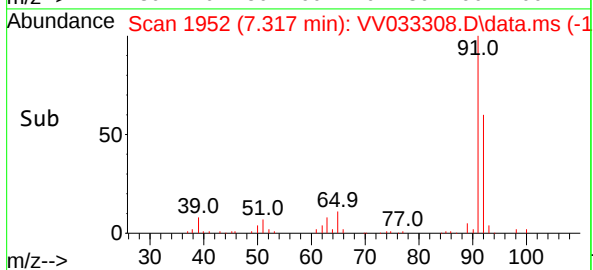
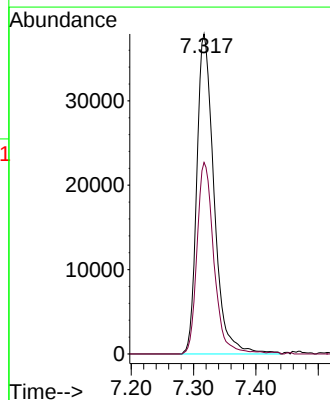
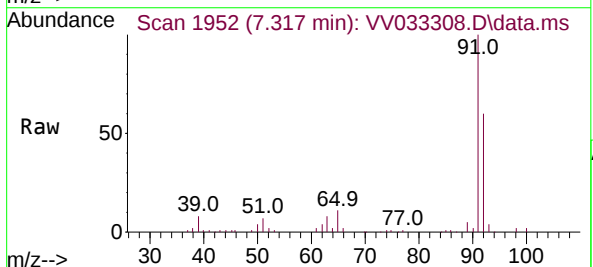
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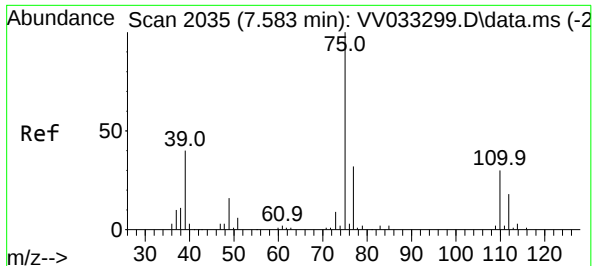
Tgt Ion: 91 Resp: 72809

Ion Ratio Lower Upper

91 100

92 59.8 40.2 74.6

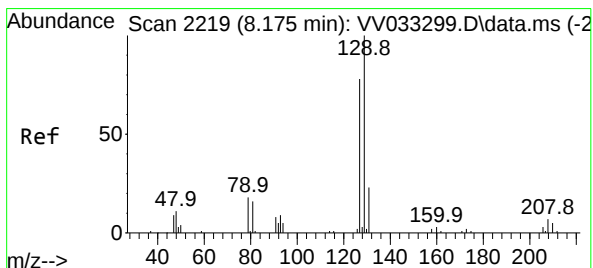
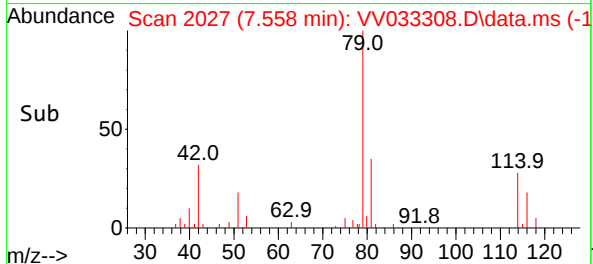
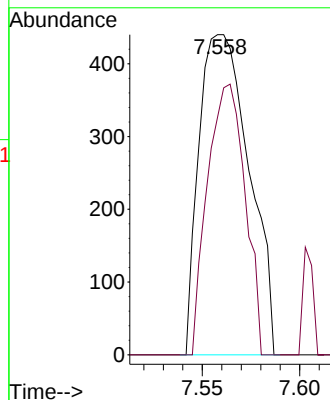
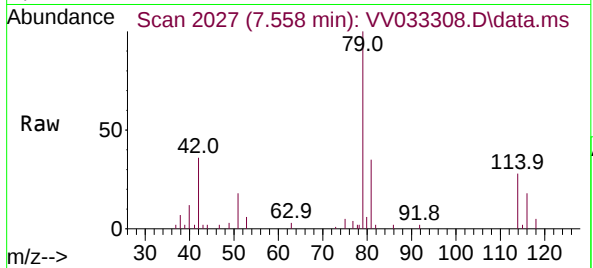




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.558 min Scan# 2035
Delta R.T. -0.026 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

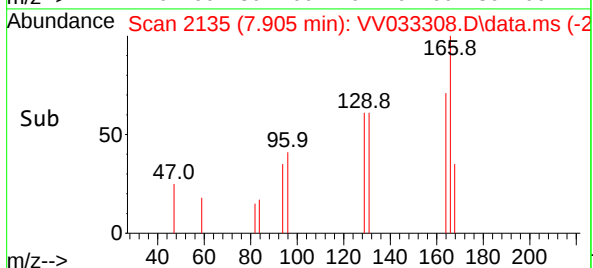
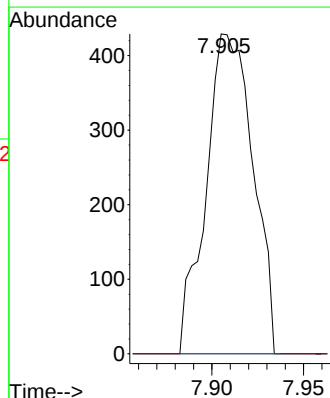
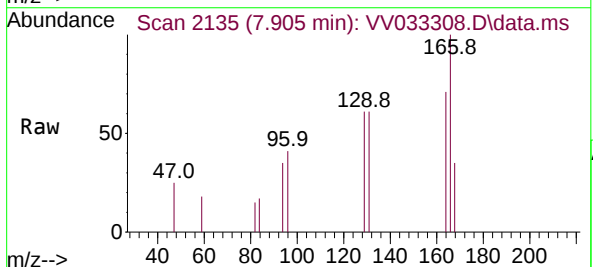
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E0Y80

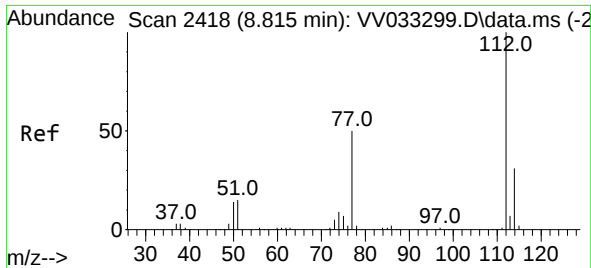
Tgt Ion: 75 Resp: 786
Ion Ratio Lower Upper
75 100
77 74.1 21.7 40.3#



#49
Dibromochloromethane
Concen: 0.103 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

Tgt Ion: 129 Resp: 767
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

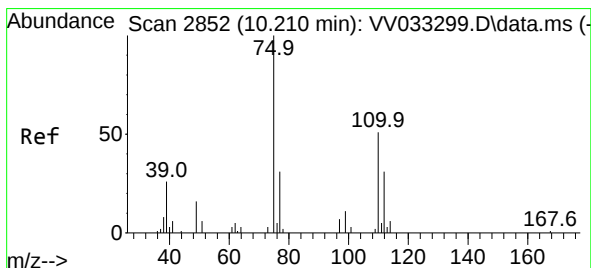
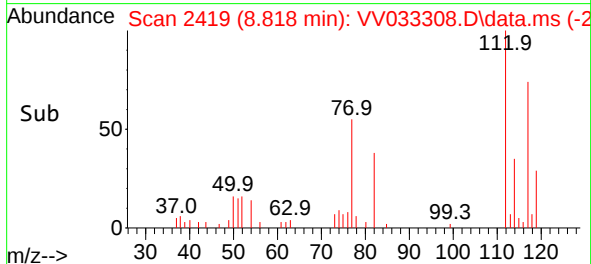
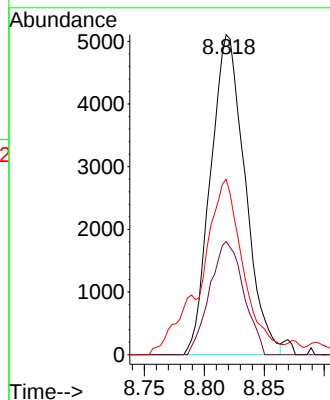
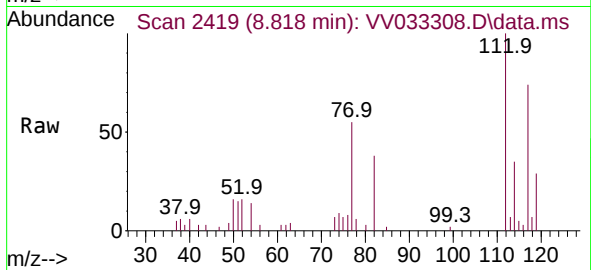




#51
Chlorobenzene
Concen: 0.377 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

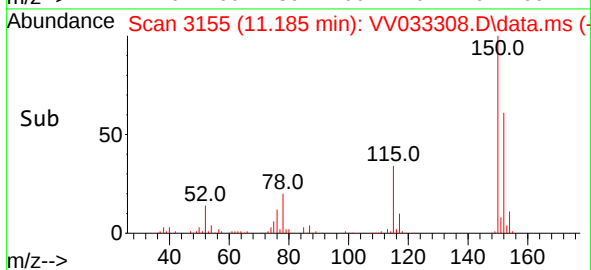
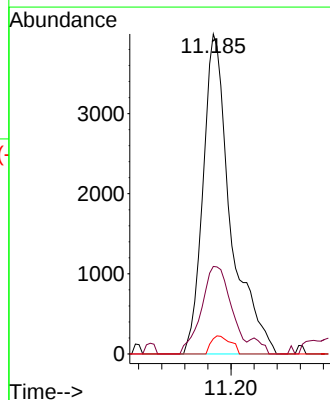
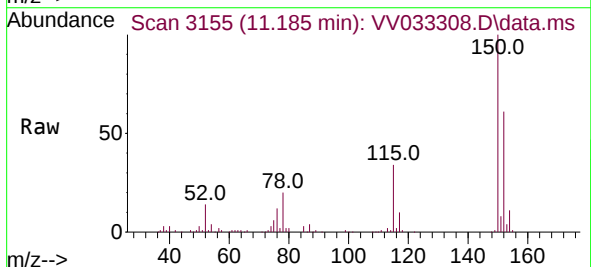
Instrument :
MSVOA_V
ClientSampleId :
E0Y80

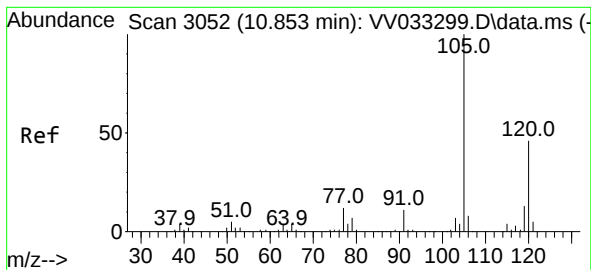
Tgt Ion:112	Resp:	10180
Ion Ratio	Lower	Upper
112	100	
114	35.3	22.8 42.4
77	54.8	41.3 61.9



#61
1,2,3-Trichloropropane
Concen: 1.888 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

Tgt Ion: 75	Resp:	6586
Ion Ratio	Lower	Upper
75	100	
77	29.5	27.4 41.2
110	4.0	39.4 59.2#





#63

1,2,4-Trimethylbenzene

Concen: 0.112 ug/L

RT: 10.857 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

Instrument :

MSVOA_V

ClientSampleId :

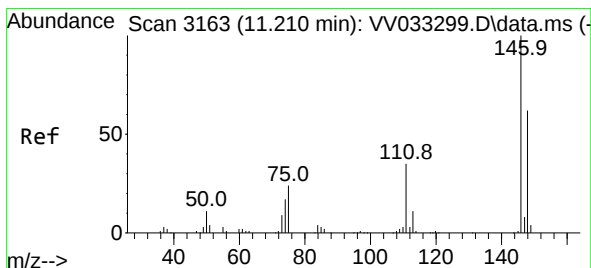
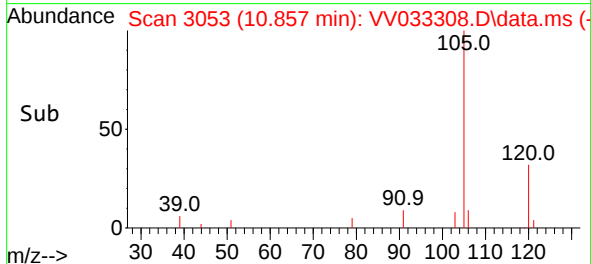
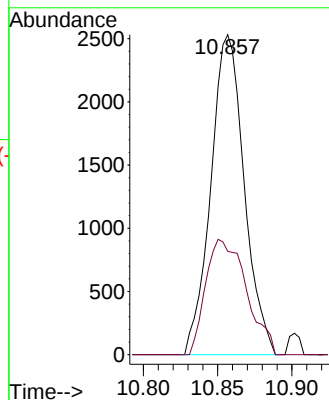
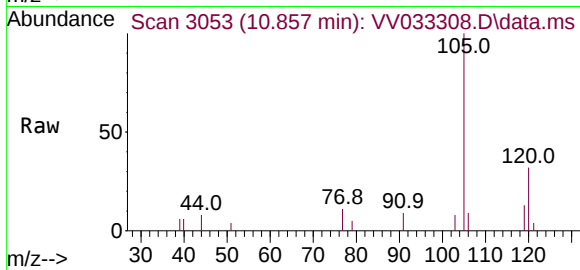
E0Y80

Tgt Ion:105 Resp: 3963

Ion Ratio Lower Upper

105 100

120 43.8 38.1 57.1



#65

1,4-Dichlorobenzene

Concen: 0.146 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VV033308.D

Acq: 14 Dec 2023 04:19

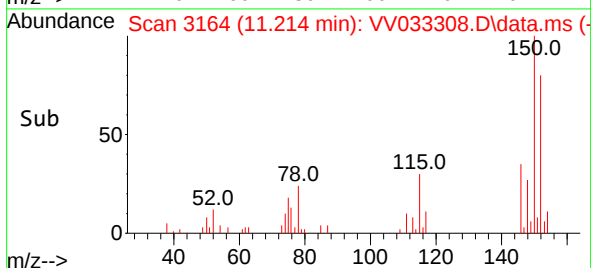
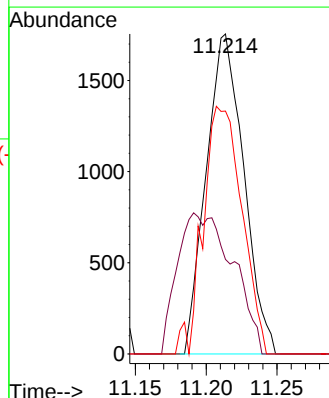
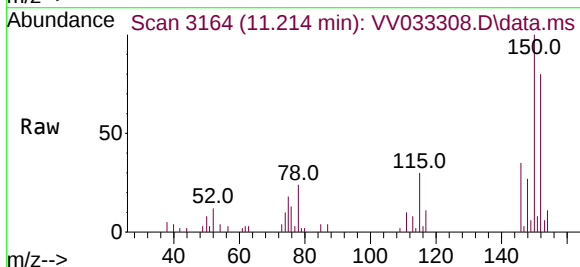
Tgt Ion:146 Resp: 3234

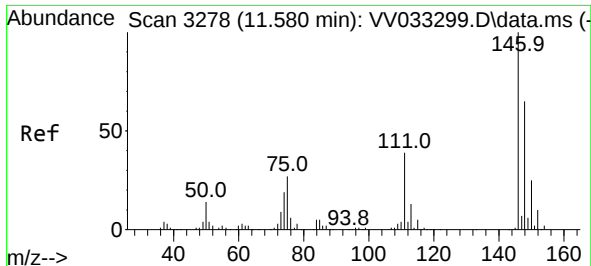
Ion Ratio Lower Upper

146 100

111 29.5 25.6 47.4

148 75.9 44.7 82.9

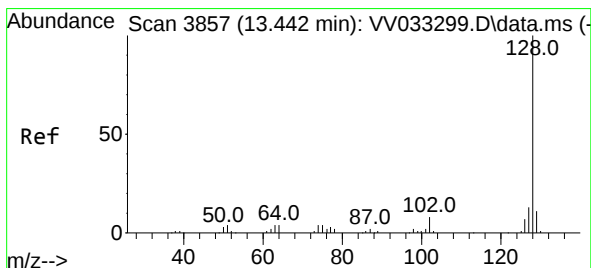
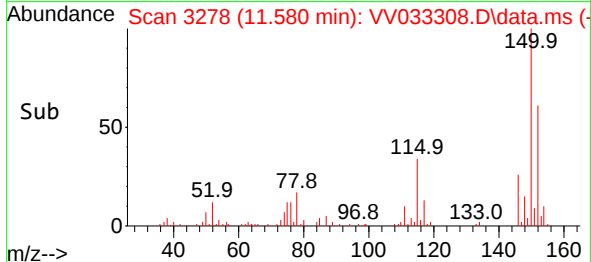
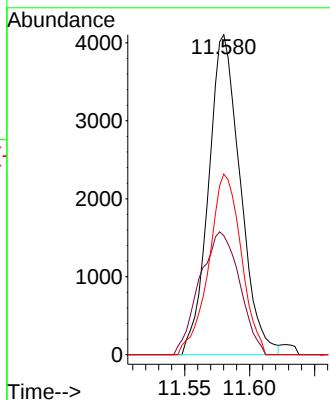
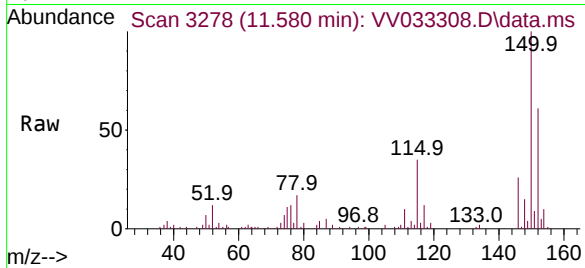




#67
1,2-Dichlorobenzene
Concen: 0.365 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

Instrument :
MSVOA_V
ClientSampleId :
E0Y80

Tgt Ion:146 Resp: 6971
Ion Ratio Lower Upper
146 100
111 37.2 31.0 46.4
148 56.5 52.6 79.0



#71
Naphthalene
Concen: 0.137 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.013 min
Lab File: VV033308.D
Acq: 14 Dec 2023 04:19

Tgt Ion:128 Resp: 2162
Ion Ratio Lower Upper
128 100
129 3.7 8.8 13.2#
127 2.9 10.1 15.1#

