

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033632.D
 Acq On : 15 Jan 2024 11:05
 Operator : SY/MD
 Sample : P1108-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AY4

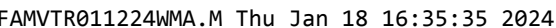
Quant Time: Jan 16 03:43:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

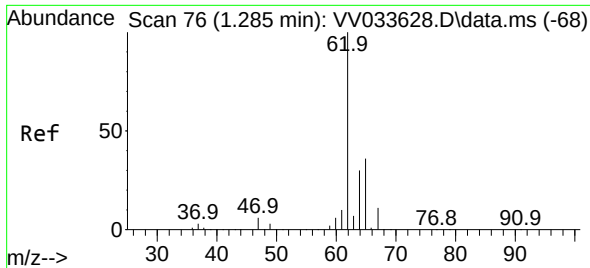
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	125267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	116999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	60319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30416	4.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.535	69	28989	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.059	65	14997	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.802	46	78449	46.841	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.680%
24) Chloroform-d	4.252	84	71383	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.947	65	33401	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.963	84	137442	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	5.992	67	45014	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.246	98	122165	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.561	79	14597	4.486	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.027	63	62496	48.920	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.840%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	27269	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	45781	4.943	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
5) Vinyl chloride	1.285	62	5054	0.388	ug/L #	72
19) 1,1-Dichloroethane	3.117	63	6365	0.321	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	32157	3.079	ug/L	99
27) 1,2-Dichloroethane	5.059	62	3160	0.305	ug/L #	73
30) Cyclohexane	4.587	56	12912	0.649	ug/L	96
33) Benzene	5.018	78	17559	0.423	ug/L	100
34) Trichloroethene	5.847	95	4466	0.404	ug/L	91
35) Methylcyclohexane	6.046	83	3553	0.190	ug/L #	29
51) Chlorobenzene	8.812	112	314800	11.697	ug/L	99
60) Isopropylbenzene	9.869	105	10191	0.214	ug/L #	84
64) 1,3-Dichlorobenzene	11.120	146	24266	1.150	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	41467	2.006	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	6916	0.377	ug/L	96

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

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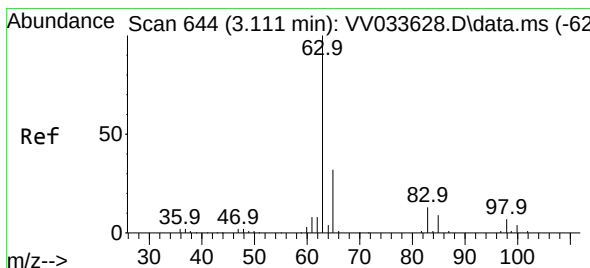
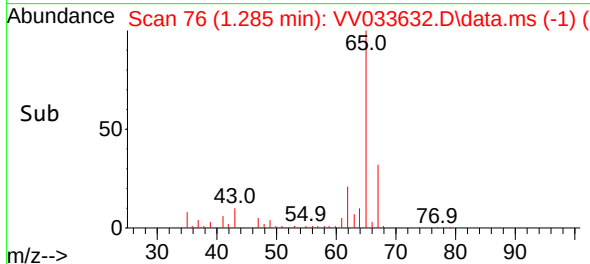
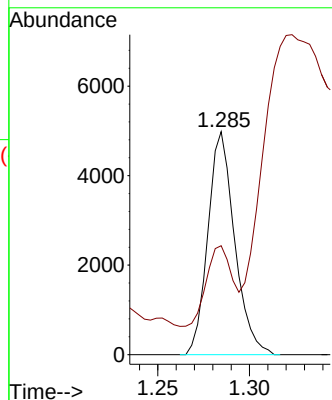
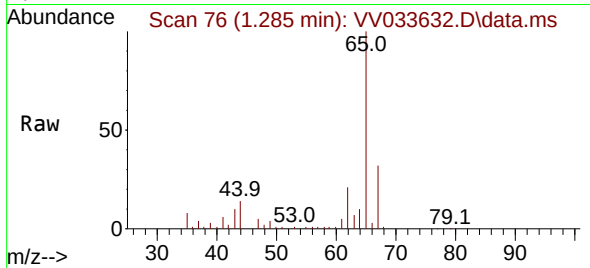




#5
 Vinyl chloride
 Concen: 0.388 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033632.D
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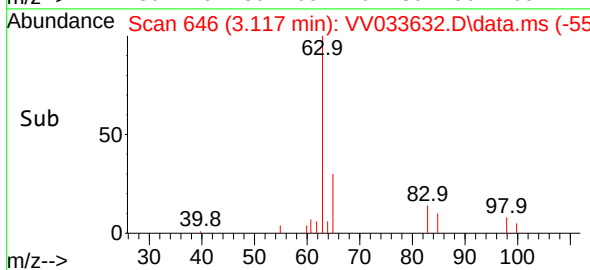
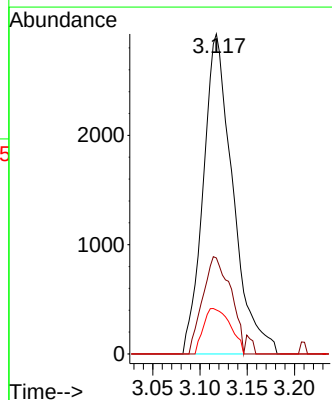
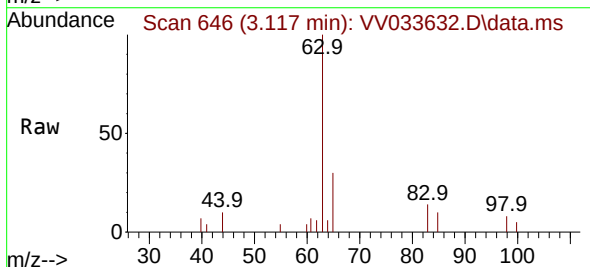
Instrument :
 MSVOA_V
 ClientSampleId :
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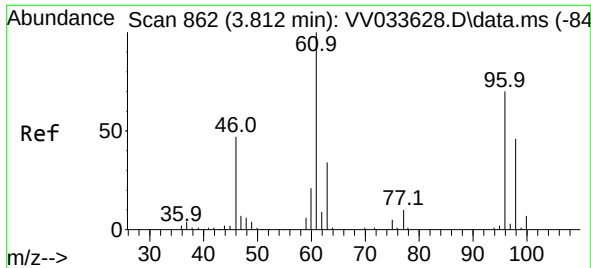
Tgt Ion: 62 Resp: 5054
 Ion Ratio Lower Upper
 62 100
 64 48.9 23.0 42.8#



#19
 1,1-Dichloroethane
 Concen: 0.321 ug/L
 RT: 3.117 min Scan# 646
 Delta R.T. 0.006 min
 Lab File: VV033632.D
 Acq: 15 Jan 2024 11:05

Tgt Ion: 63 Resp: 6365
 Ion Ratio Lower Upper
 63 100
 65 30.0 21.6 40.2
 83 13.7 9.1 16.9





#22

cis-1,2-Dichloroethene

Concen: 3.079 ug/L

RT: 3.818 min Scan# 862

Delta R.T. 0.006 min

Lab File: VV033632.D

Acq: 15 Jan 2024 11:05

Instrument :

MSVOA_V

ClientSampleId :

C0AY4

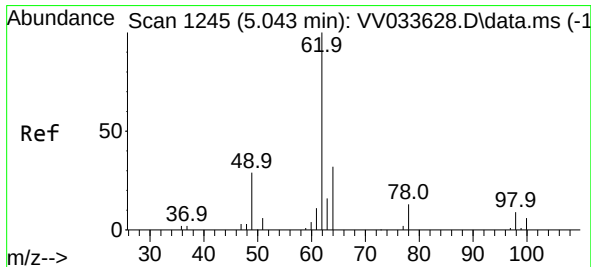
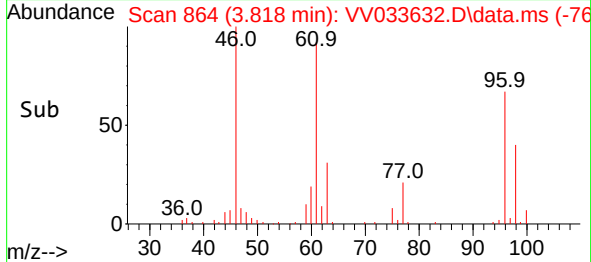
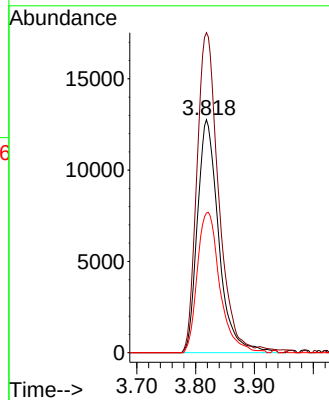
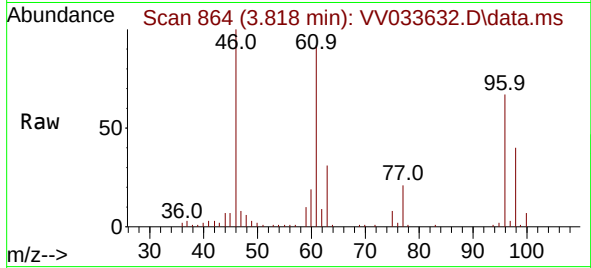
Tgt Ion: 96 Resp: 32157

Ion Ratio Lower Upper

96 100

61 137.4 97.1 180.3

98 60.0 42.6 79.0



#27

1,2-Dichloroethane

Concen: 0.305 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.016 min

Lab File: VV033632.D

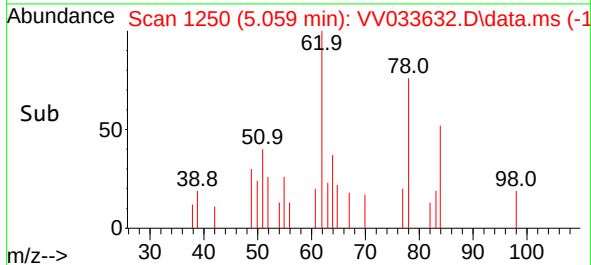
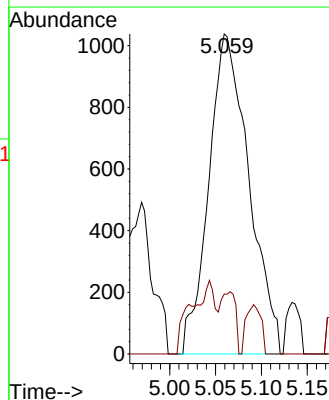
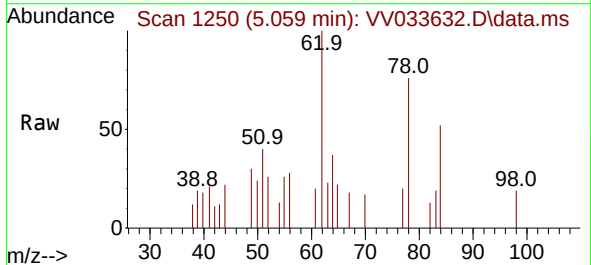
Acq: 15 Jan 2024 11:05

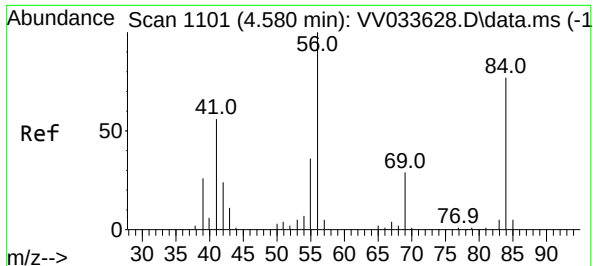
Tgt Ion: 62 Resp: 3160

Ion Ratio Lower Upper

62 100

98 18.7 7.0 10.6#

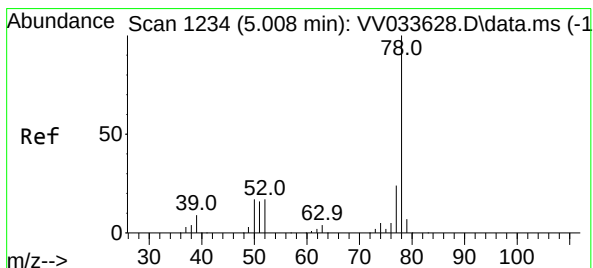
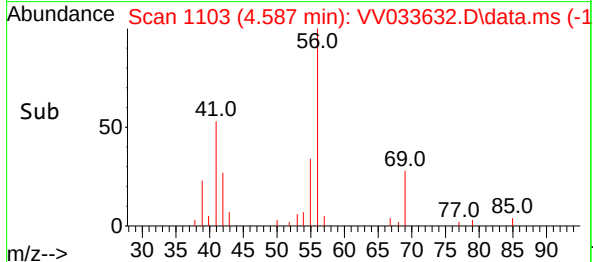
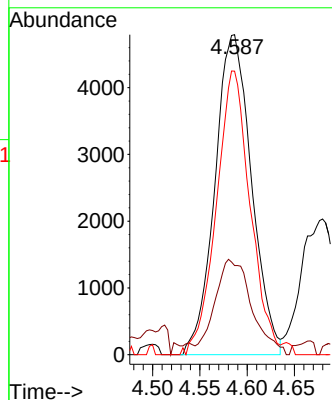
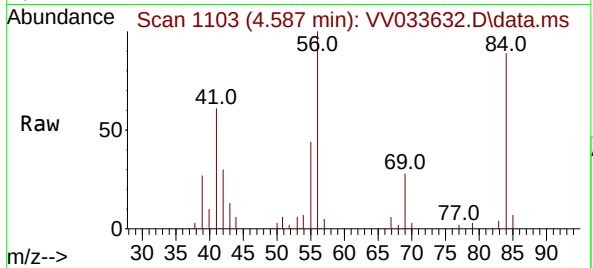




#30
Cyclohexane
Concen: 0.649 ug/L
RT: 4.587 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VV033632.D
Acq: 15 Jan 2024 11:05

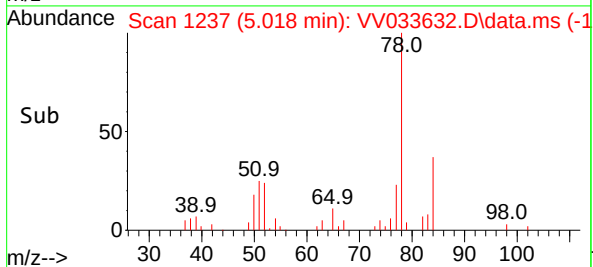
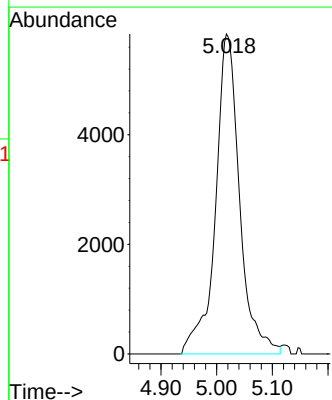
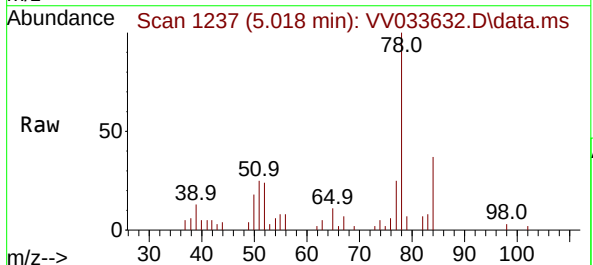
Instrument :
MSVOA_V
ClientSampleId :
C0AY4

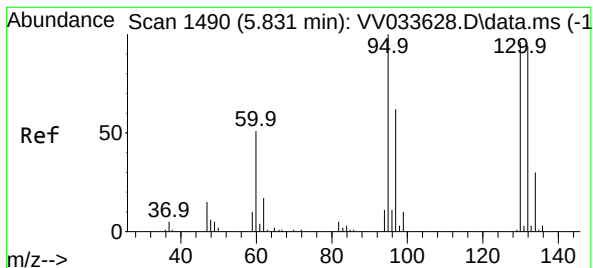
Tgt Ion: 56 Resp: 12912
Ion Ratio Lower Upper
56 100
69 29.9 23.3 34.9
84 81.9 61.7 92.5



#33
Benzene
Concen: 0.423 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV033632.D
Acq: 15 Jan 2024 11:05

Tgt Ion: 78 Resp: 17559





#34

Trichloroethene

Concen: 0.404 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.016 min

Lab File: VV033632.D

Acq: 15 Jan 2024 11:05

Instrument :

MSVOA_V

ClientSampleId :

C0AY4

Tgt Ion: 95 Resp: 4466

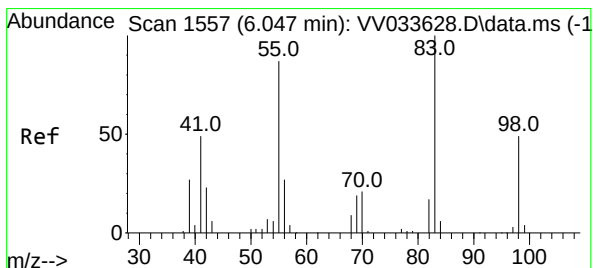
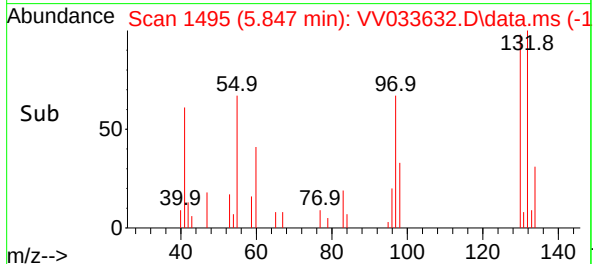
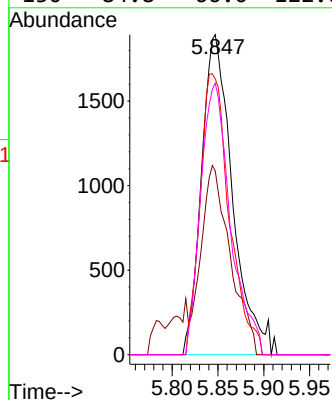
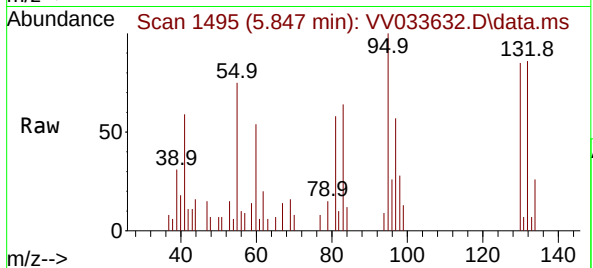
Ion Ratio Lower Upper

95 100

97 57.4 45.1 83.9

132 86.2 65.2 121.2

130 84.8 66.0 122.6



#35

Methylcyclohexane

Concen: 0.190 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV033632.D

Acq: 15 Jan 2024 11:05

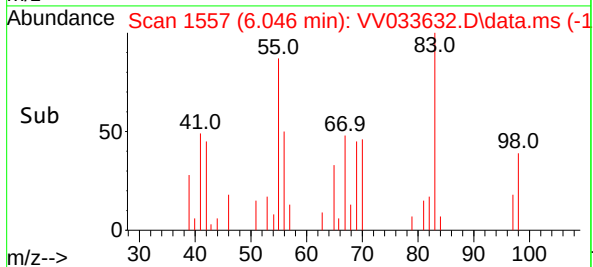
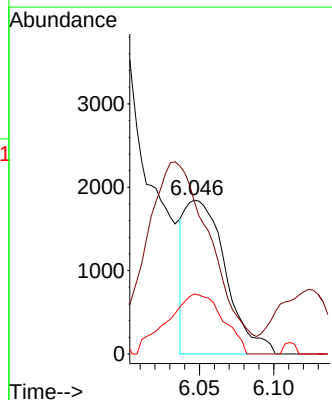
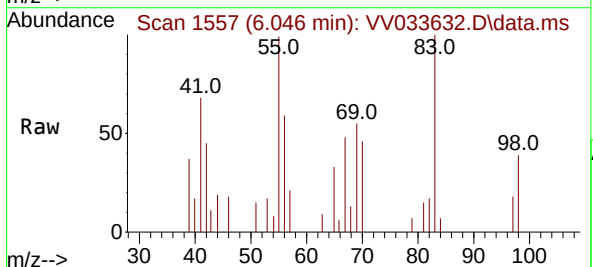
Tgt Ion: 83 Resp: 3553

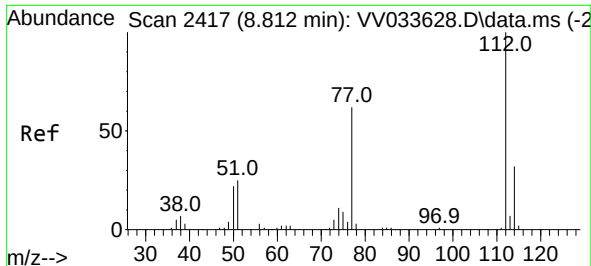
Ion Ratio Lower Upper

83 100

55 183.2 68.7 103.1#

98 52.9 38.3 57.5

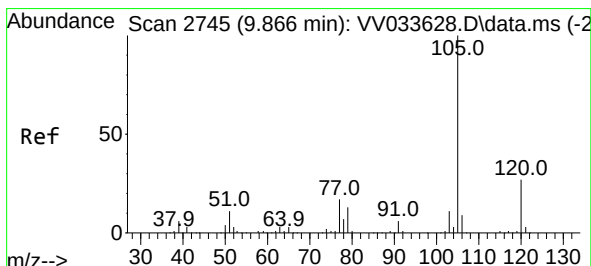
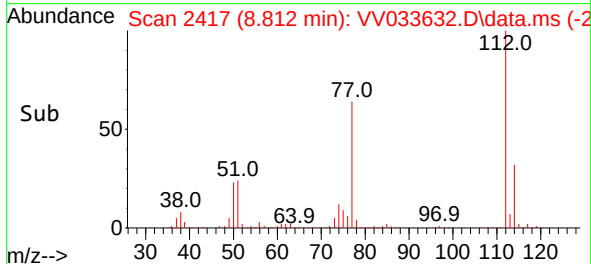
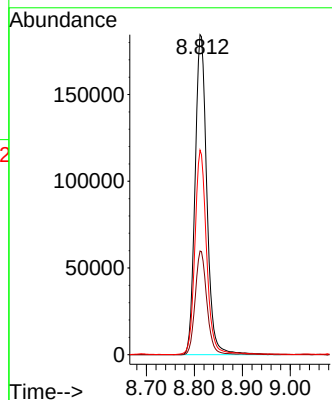
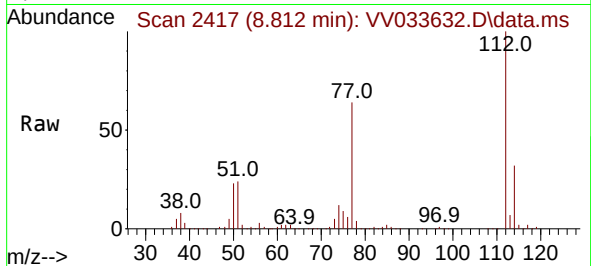




#51
Chlorobenzene
Concen: 11.697 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033632.D
Acq: 15 Jan 2024 11:05

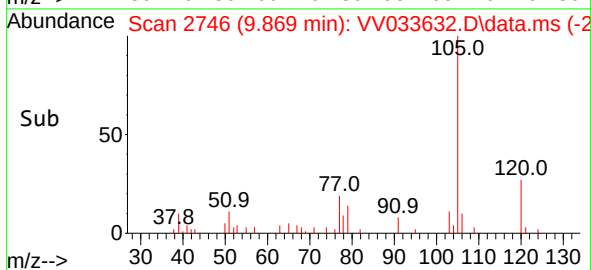
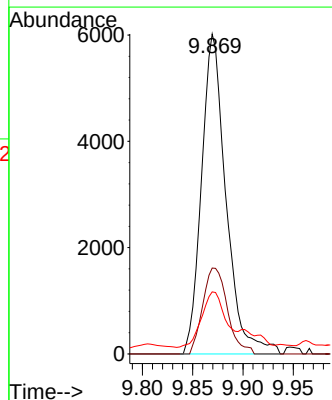
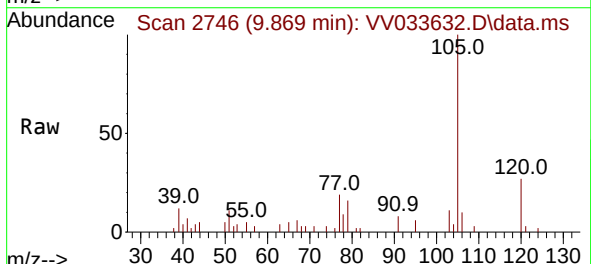
Instrument :
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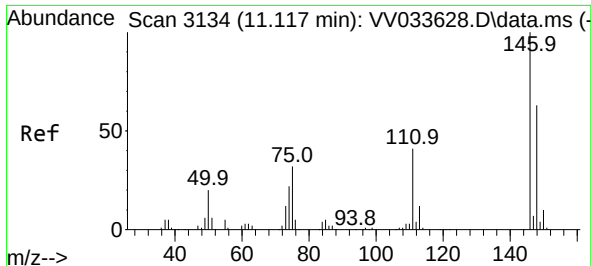
Tgt Ion:112 Resp: 314800
Ion Ratio Lower Upper
112 100
114 32.4 22.9 42.5
77 63.9 50.8 76.2



#60
Isopropylbenzene
Concen: 0.214 ug/L
RT: 9.869 min Scan# 2746
Delta R.T. 0.003 min
Lab File: VV033632.D
Acq: 15 Jan 2024 11:05

Tgt Ion:105 Resp: 10191
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 0.0 13.4 20.0#

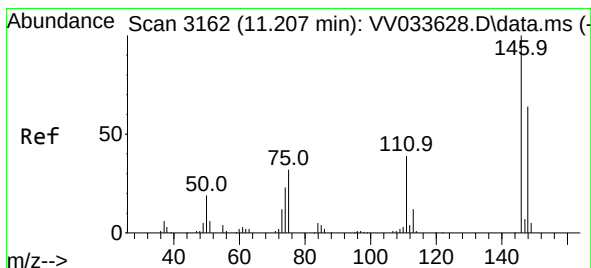
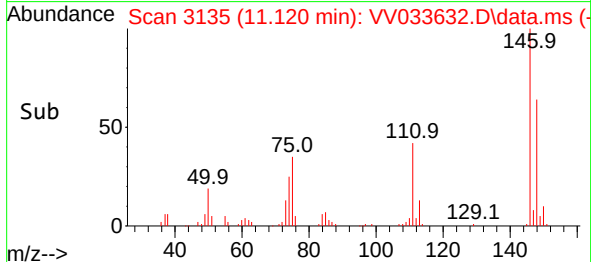
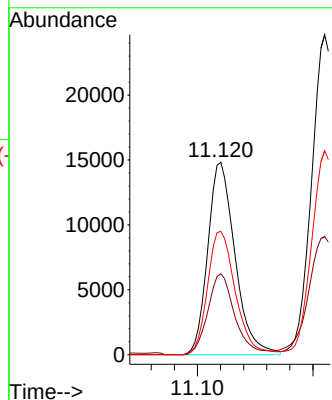
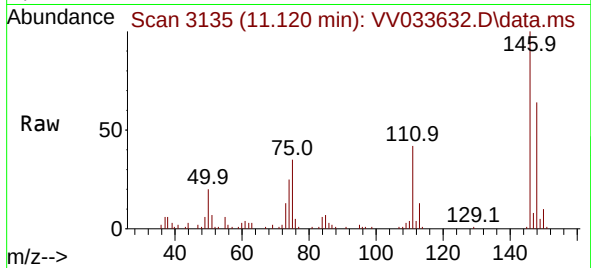




#64
1,3-Dichlorobenzene
Concen: 1.150 ug/L
RT: 11.120 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV033632.D
Acq: 15 Jan 2024 11:05

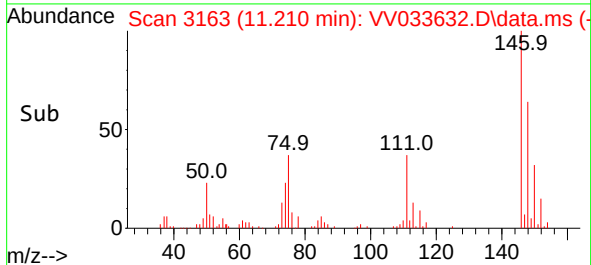
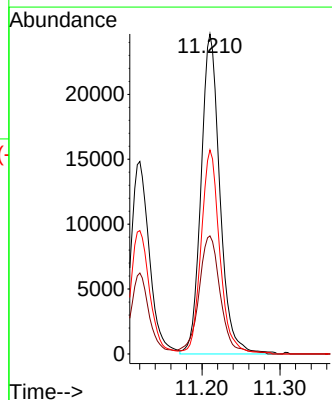
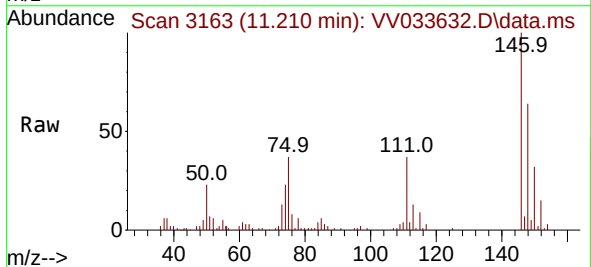
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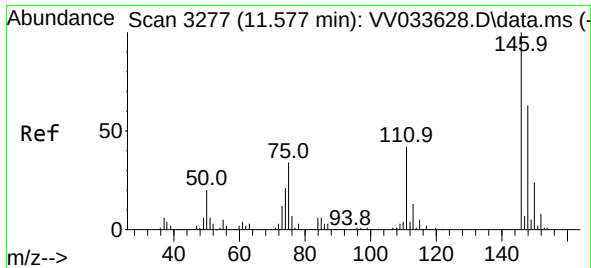
Tgt Ion:146 Resp: 24266
Ion Ratio Lower Upper
146 100
111 42.1 29.2 54.2
148 64.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.006 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033632.D
Acq: 15 Jan 2024 11:05

Tgt Ion:146 Resp: 41467
Ion Ratio Lower Upper
146 100
111 36.9 27.5 51.1
148 63.8 43.3 80.5





#67
 1,2-Dichlorobenzene
 Concen: 0.377 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV033632.D
 Acq: 15 Jan 2024 11:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AY4

Tgt Ion:146 Resp: 6916
 Ion Ratio Lower Upper
 146 100
 111 46.9 36.1 54.1
 148 61.2 52.2 78.2

