

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112222\
 Data File : VV029272.D
 Acq On : 22 Nov 2022 19:20
 Operator : SY/MD
 Sample : VV1121WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 01:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

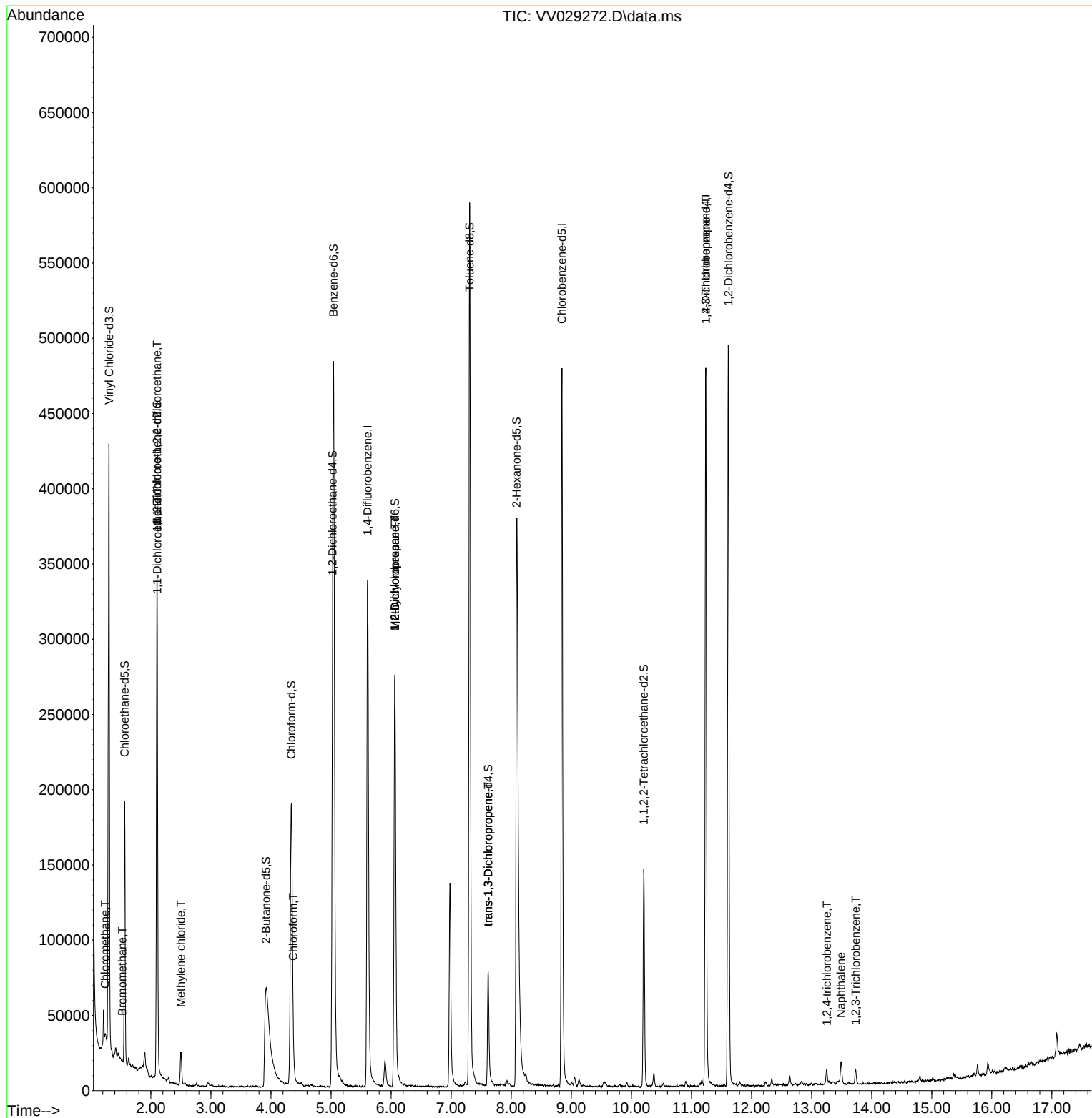
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	292296	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	259446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	118413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143190	5.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.565	69	112224	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.101	63	188117	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	3.918	46	222403	54.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.080%
24) Chloroform-d	4.339	84	198865	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.024	65	101462	5.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.040	84	453305	5.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	6.063	67	146675	5.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.307	98	395770	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	7.616	79	45738	5.140	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.088	63	105091	65.877	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.760%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	72127	5.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	120418	5.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1937	0.058	ug/L	98
6) Bromomethane	1.523	94	917	0.052	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2004	0.092	ug/L #	44
12) 1,1-Dichloroethene	2.108	96	1985	0.092	ug/L #	1
16) Methylene chloride	2.500	84	9112	0.268	ug/L	96
25) Chloroform	4.368	83	8721	0.208	ug/L	98
35) Methylcyclohexane	6.063	83	32607	0.811	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	15738	0.642	ug/L #	88
44) trans-1,3-Dichloropropene	7.616	75	2249	0.092	ug/L	89
61) 1,2,3-Trichloropropane	11.239	75	17437	1.539	ug/L #	68
70) 1,2,4-trichlorobenzene	13.255	180	2597	0.103	ug/L	97
71) Naphthalene	13.490	128	13599	1.580	ug/L	97
72) 1,2,3-Trichlorobenzene	13.734	180	2464	0.121	ug/L	95

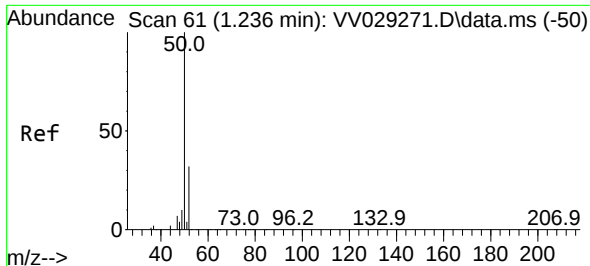
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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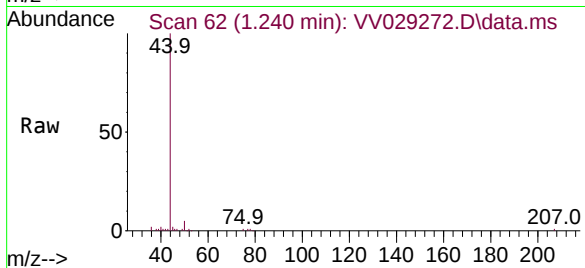
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
Quant Title : TRACE VOA SFAM1.0
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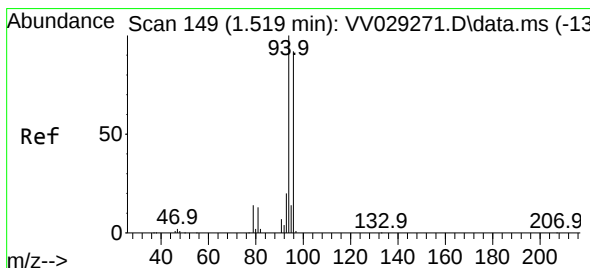
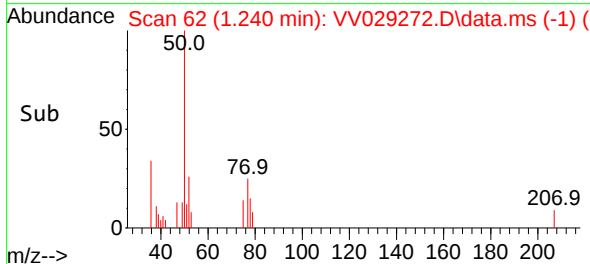
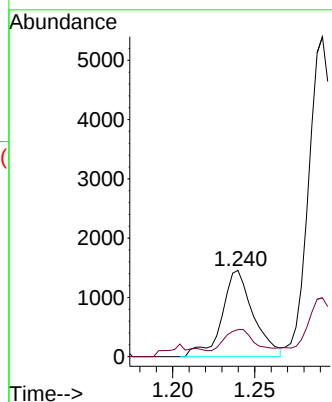


#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029272.D
Acq: 22 Nov 2022 19:20

Instrument :
MSVOA_V
ClientSampleId :

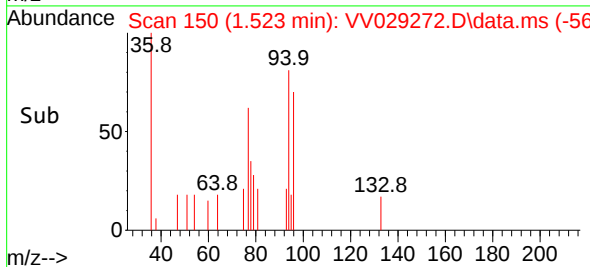
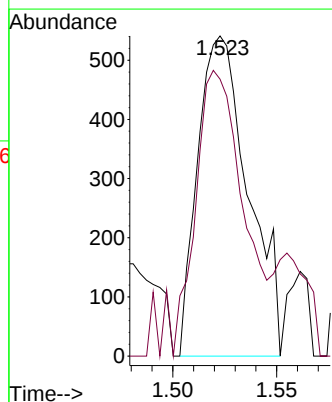
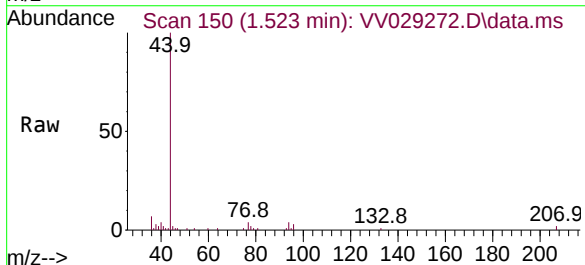


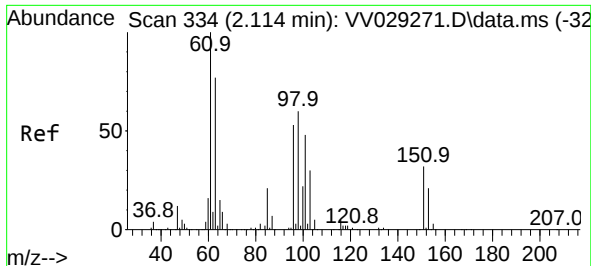
Tgt Ion: 50 Resp: 1937
Ion Ratio Lower Upper
50 100
52 31.3 22.8 42.4



#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV029272.D
Acq: 22 Nov 2022 19:20

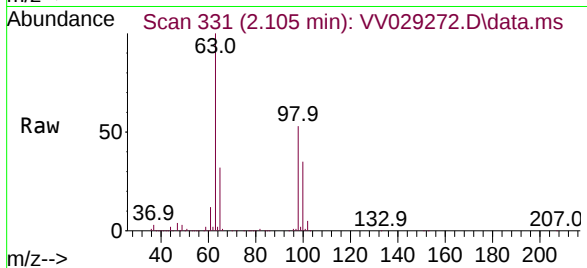
Tgt Ion: 94 Resp: 917
Ion Ratio Lower Upper
94 100
96 86.5 66.8 124.2



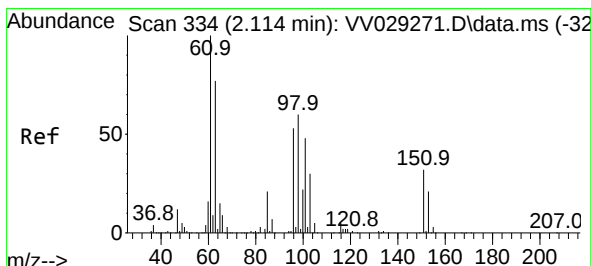
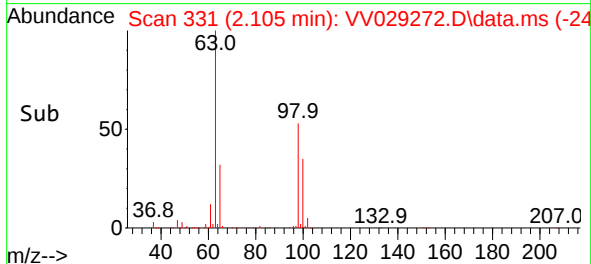
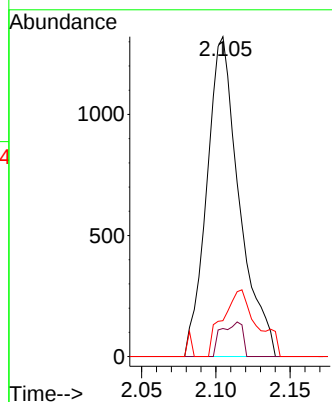


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.092 ug/L
 RT: 2.105 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV029272.D
 Acq: 22 Nov 2022 19:20

Instrument :
 MSVOA_V
 ClientSampleId :

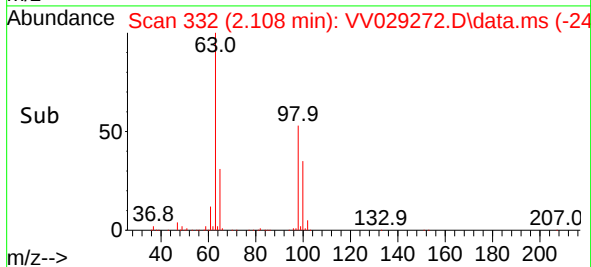
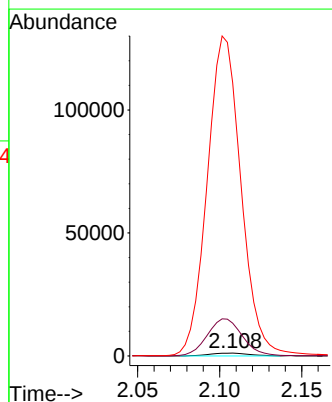
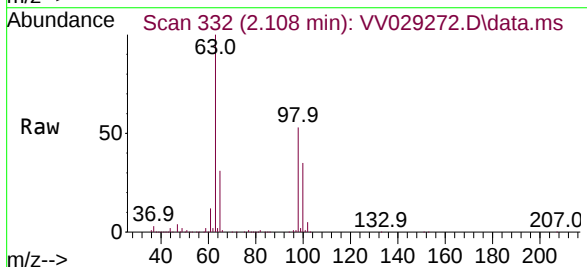


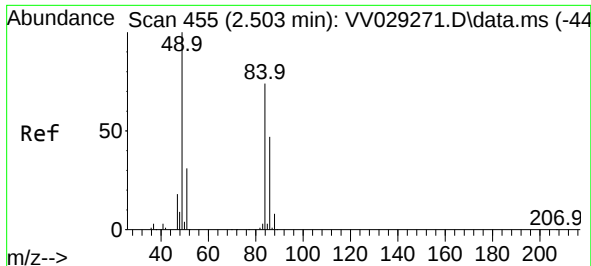
Tgt Ion:101 Resp: 2004
 Ion Ratio Lower Upper
 101 100
 85 7.1 34.7 52.1#
 151 22.3 53.4 80.2#



#12
 1,1-Dichloroethene
 Concen: 0.092 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV029272.D
 Acq: 22 Nov 2022 19:20

Tgt Ion: 96 Resp: 1985
 Ion Ratio Lower Upper
 96 100
 61 1157.5 131.9 245.0#
 63 9657.7 98.6 183.0#

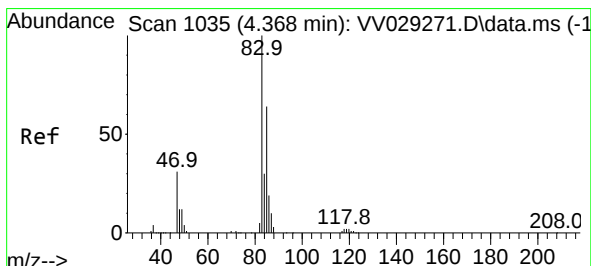
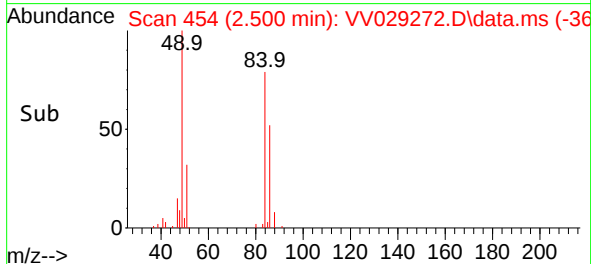
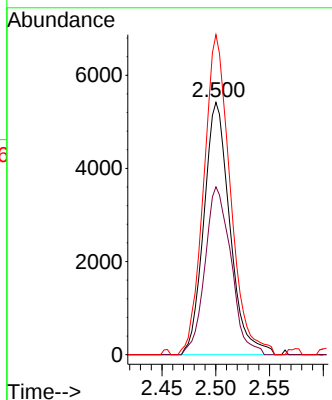
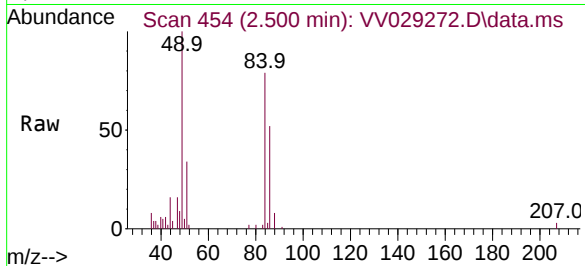




#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029272.D
Acq: 22 Nov 2022 19:20

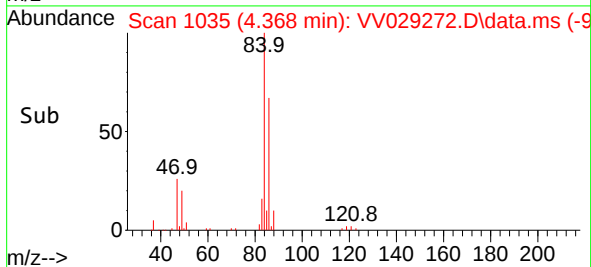
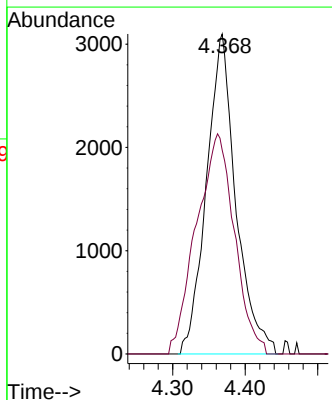
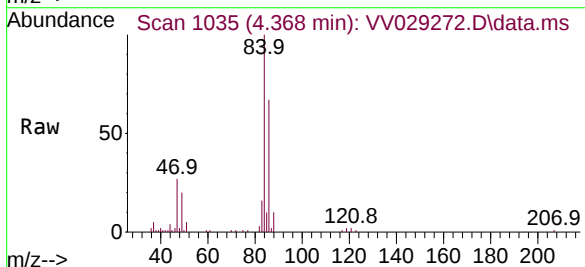
Instrument :
MSVOA_V
ClientSampleId :

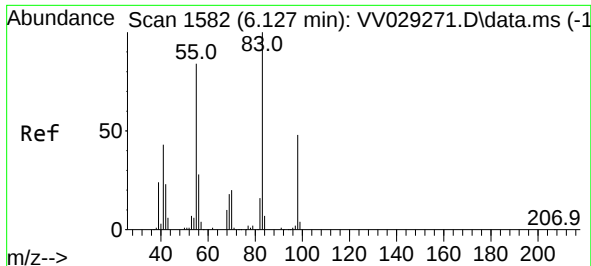
Tgt Ion: 84 Resp: 9112
Ion Ratio Lower Upper
84 100
86 66.5 44.2 82.2
49 126.8 91.9 170.7



#25
Chloroform
Concen: 0.208 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV029272.D
Acq: 22 Nov 2022 19:20

Tgt Ion: 83 Resp: 8721
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.6

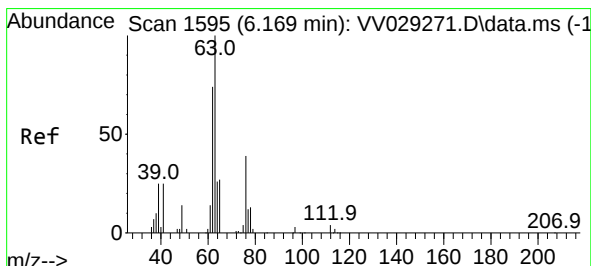
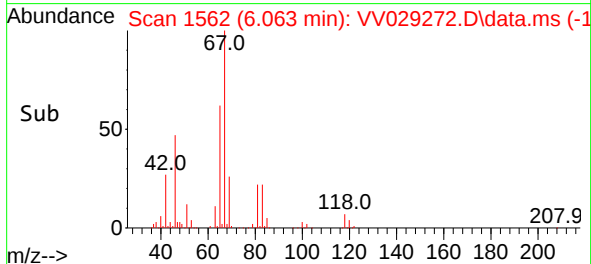
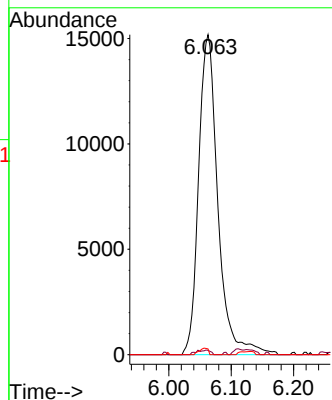
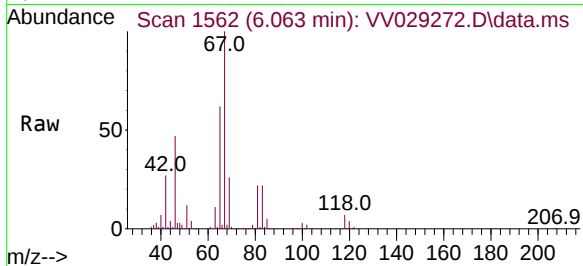




#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029272.D
Acq: 22 Nov 2022 19:20

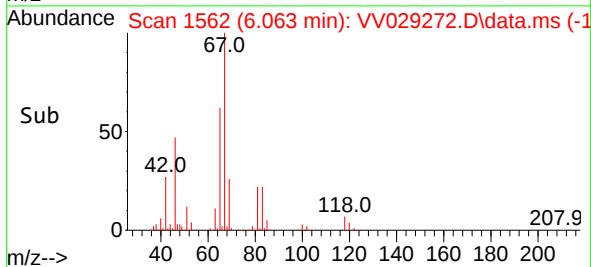
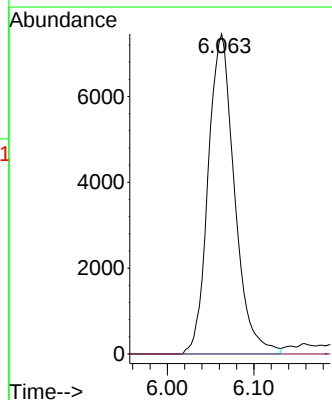
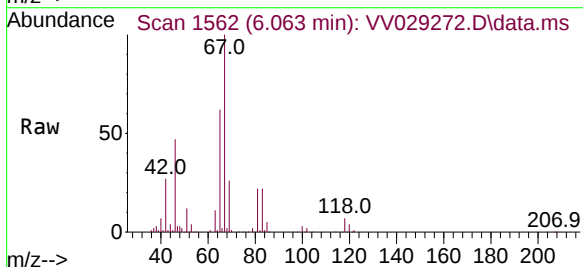
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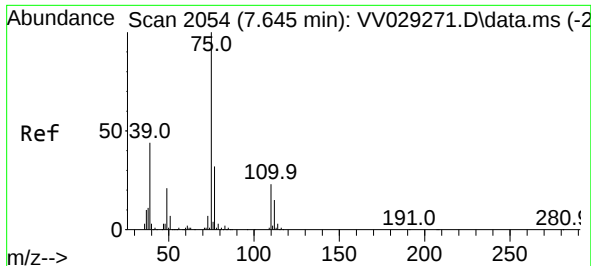
Tgt Ion: 83 Resp: 32607
Ion Ratio Lower Upper
83 100
55 1.0 65.7 98.5#
98 0.9 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV029272.D
Acq: 22 Nov 2022 19:20

Tgt Ion: 63 Resp: 15738
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

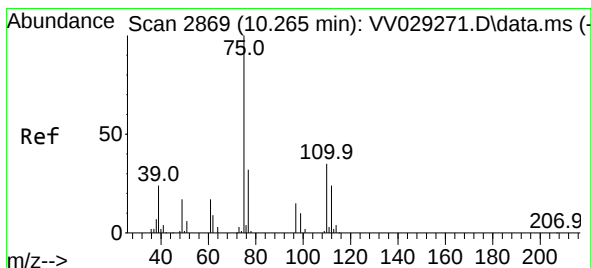
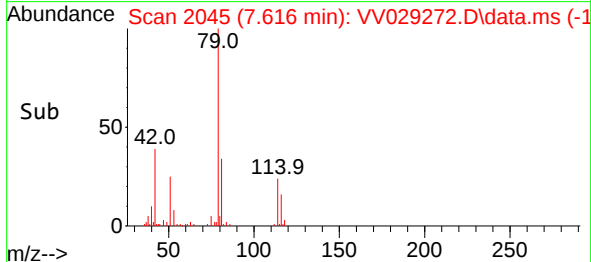
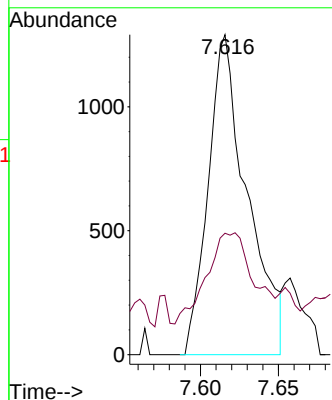
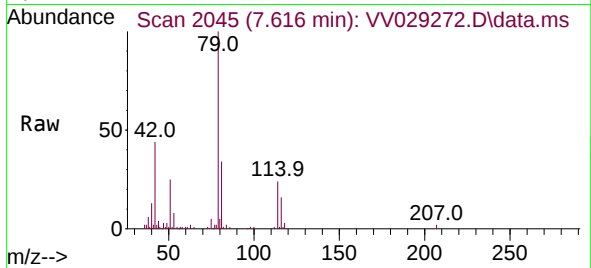




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.616 min Scan# 2054
Delta R.T. -0.029 min
Lab File: VV029272.D
Acq: 22 Nov 2022 19:20

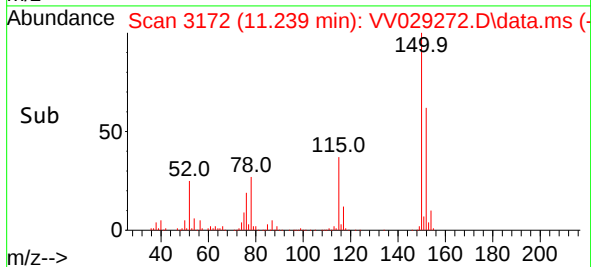
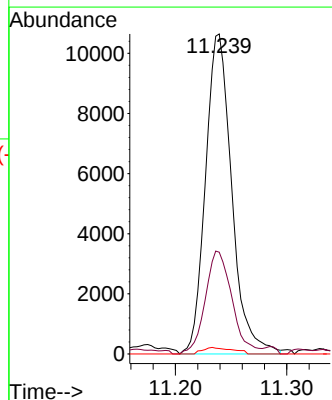
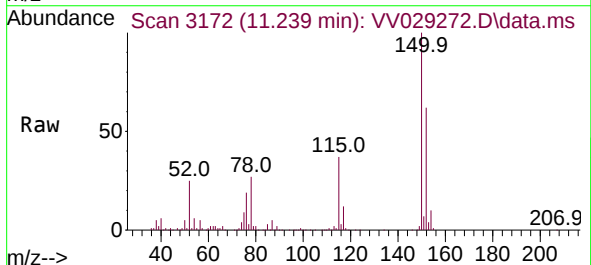
Instrument :
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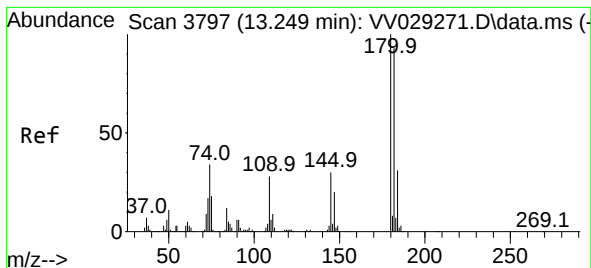
Tgt Ion: 75 Resp: 2249
Ion Ratio Lower Upper
75 100
77 38.0 22.4 41.6



#61
1,2,3-Trichloropropane
Concen: 1.539 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029272.D
Acq: 22 Nov 2022 19:20

Tgt Ion: 75 Resp: 17437
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
110 2.3 29.6 44.4#





#70

1,2,4-trichlorobenzene

Concen: 0.103 ug/L

RT: 13.255 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV029272.D

Acq: 22 Nov 2022 19:20

Instrument :

MSVOA_V

ClientSampleId :

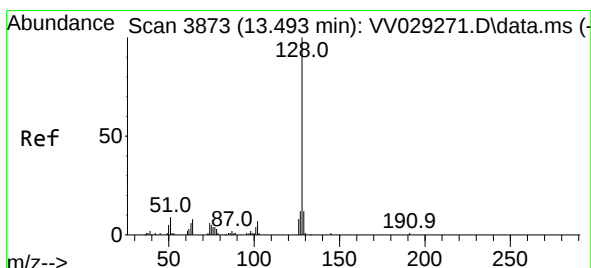
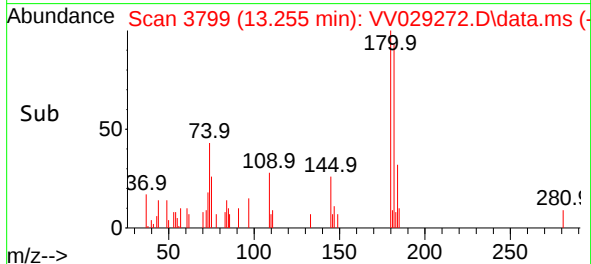
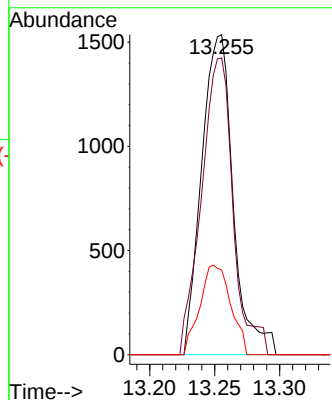
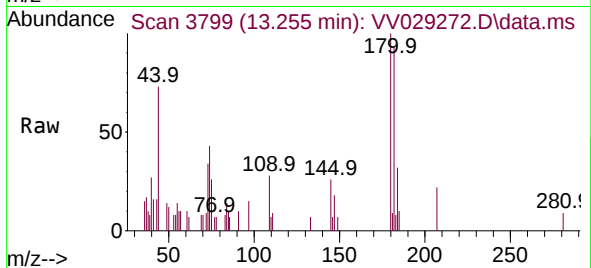
Tgt Ion:180 Resp: 2597

Ion Ratio Lower Upper

180 100

182 92.6 75.4 113.2

145 27.3 25.0 37.6



#71

Naphthalene

Concen: 1.580 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.003 min

Lab File: VV029272.D

Acq: 22 Nov 2022 19:20

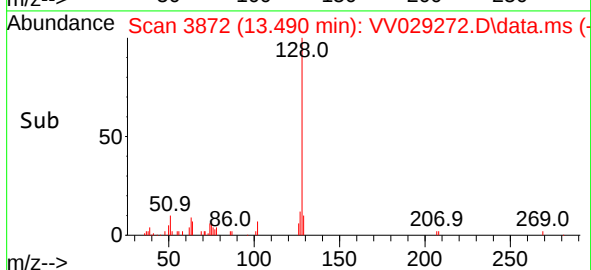
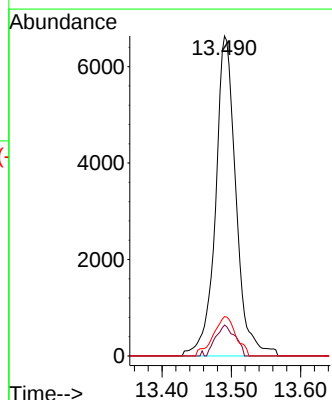
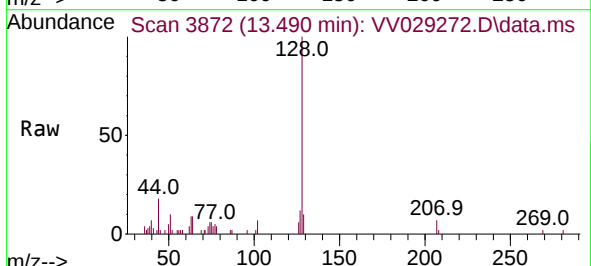
Tgt Ion:128 Resp: 13599

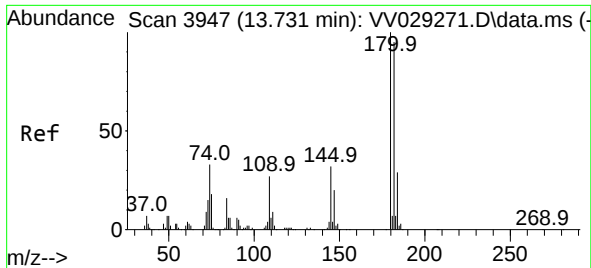
Ion Ratio Lower Upper

128 100

129 9.2 8.4 12.6

127 13.6 10.0 15.0





#72

1,2,3-Trichlorobenzene

Concen: 0.121 ug/L

RT: 13.734 min Scan# 3947

Delta R.T. 0.003 min

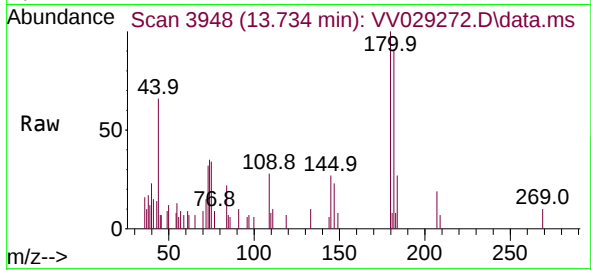
Lab File: VV029272.D

Acq: 22 Nov 2022 19:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2464

Ion Ratio Lower Upper

180 100

182 100.0 76.2 114.2

145 35.6 26.3 39.5

