

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032033.D
 Acq On : 11 Sep 2023 17:56
 Operator : SY/MD
 Sample : 04306-13 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 06:01:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

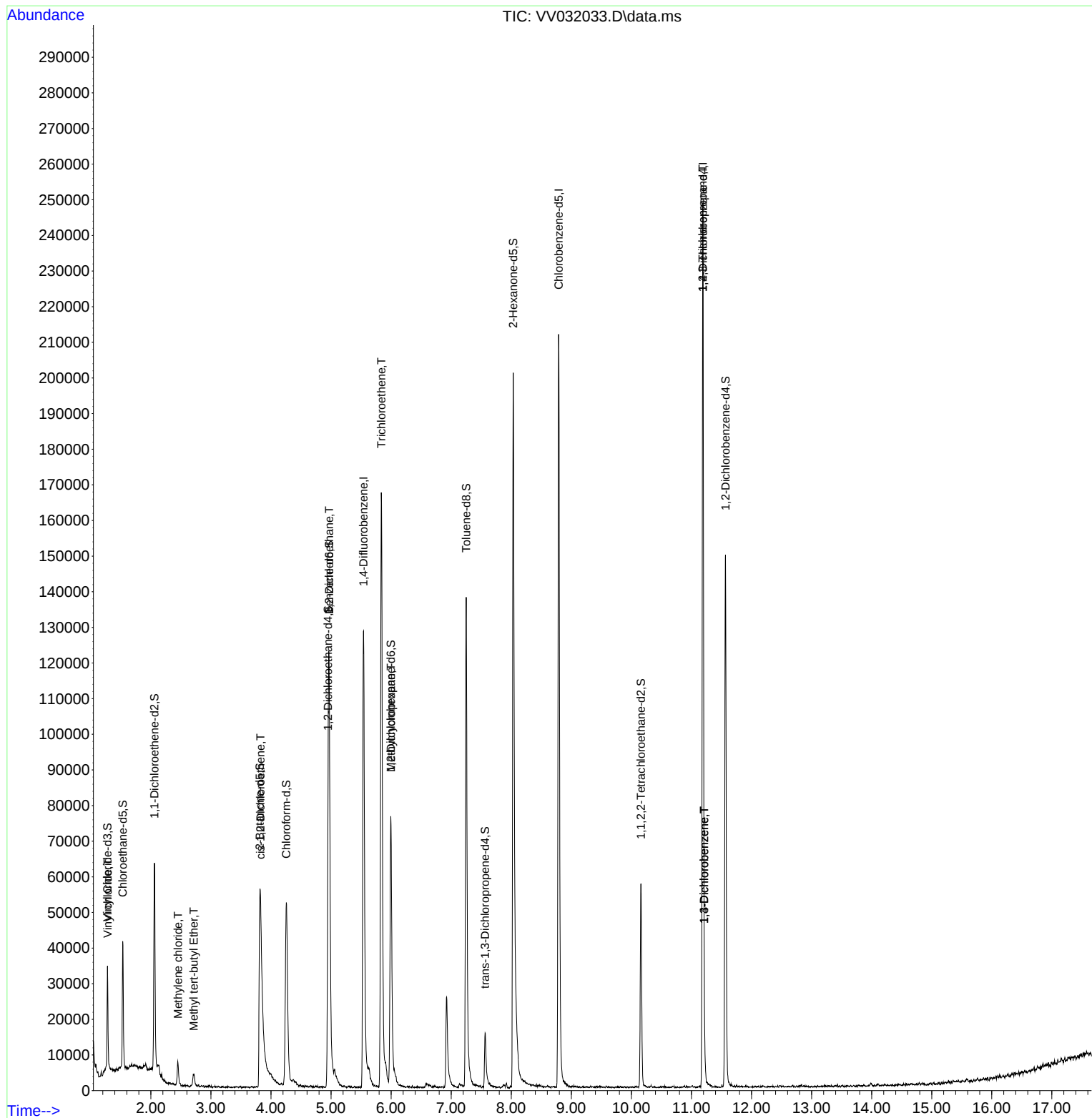
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	113608	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	61251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18161	4.733	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.532	69	22958	5.223	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.060	65	10354	4.585	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.815	46	98458	53.008	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.020%	
24) Chloroform-d	4.256	84	56918	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	4.950	65	29858	4.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
32) Benzene-d6	4.966	84	110209	4.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
36) 1,2-Dichloropropane-d6	5.995	67	38275	4.077	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.600%	
41) Toluene-d8	7.249	98	96283	3.897	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	7.564	79	10488	3.063	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.200%	
46) 2-Hexanone-d5	8.034	63	77909	42.680	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.360%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29174	4.331	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	11.567	152	37475	3.778	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	75.600%#	
Target Compounds						
5) Vinyl chloride	1.282	62	551	0.077	ug/L #	20
16) Methylene chloride	2.452	84	2344	0.282	ug/L	73
17) Methyl tert-butyl Ether	2.716	73	3345	0.211	ug/L #	87
22) cis-1,2-Dichloroethene	3.828	96	4553	0.682	ug/L	95
27) 1,2-Dichloroethane	4.966	62	700	0.096	ug/L #	75
34) Trichloroethene	5.838	95	64342	8.168	ug/L	98
35) Methylcyclohexane	5.995	83	8948	0.780	ug/L #	18
61) 1,2,3-Trichloropropane	11.188	75	9225	2.045	ug/L #	65
64) 1,3-Dichlorobenzene	11.214	146	1828	0.121	ug/L	93
65) 1,4-Dichlorobenzene	11.214	146	1828	0.118	ug/L	93

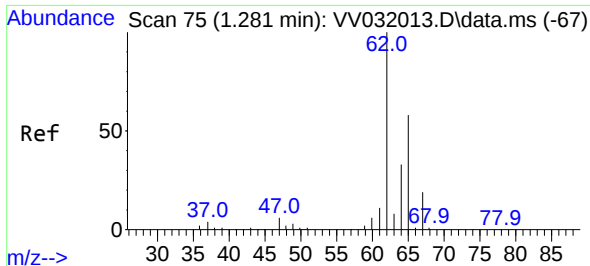
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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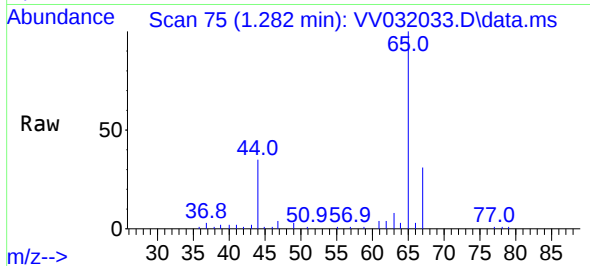
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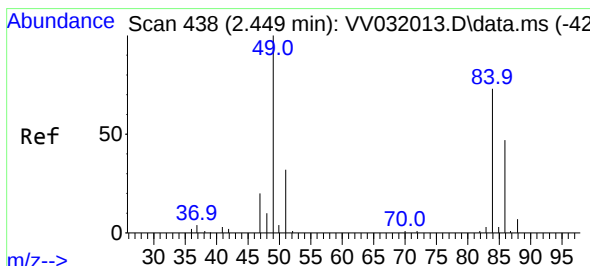
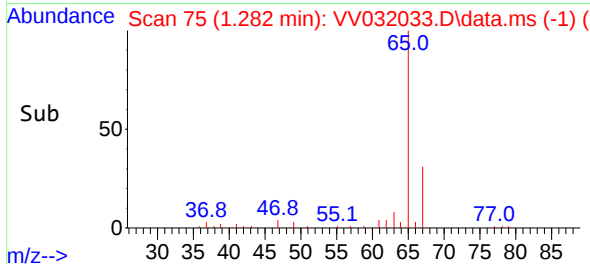
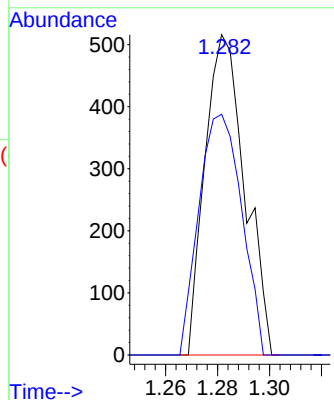


#5
 Vinyl chloride
 Concen: 0.077 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032033.D
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 MSVOA_V
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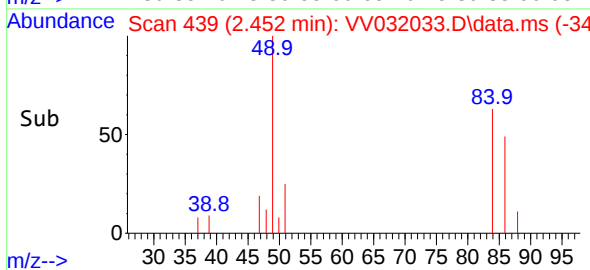
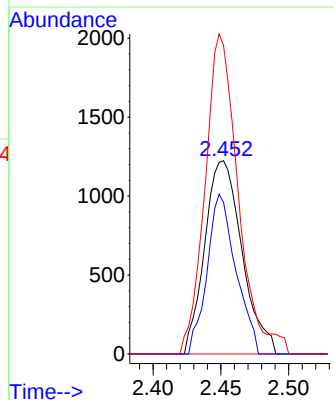
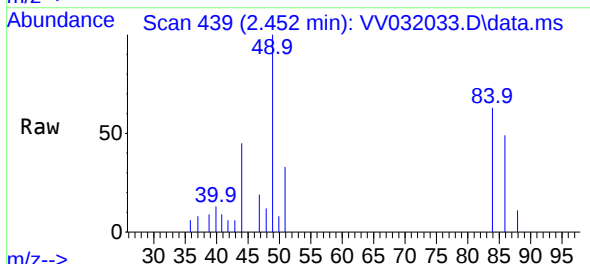


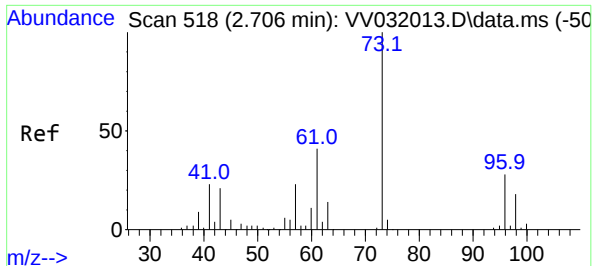
Tgt Ion: 62 Resp: 551
 Ion Ratio Lower Upper
 62 100
 64 75.2 21.7 40.3#



#16
 Methylene chloride
 Concen: 0.282 ug/L
 RT: 2.452 min Scan# 439
 Delta R.T. 0.003 min
 Lab File: VV032033.D
 Acq: 11 Sep 2023 17:56

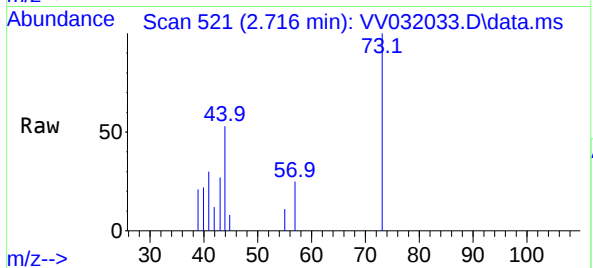
Tgt Ion: 84 Resp: 2344
 Ion Ratio Lower Upper
 84 100
 86 78.5 42.6 79.2
 49 159.6 88.5 164.4



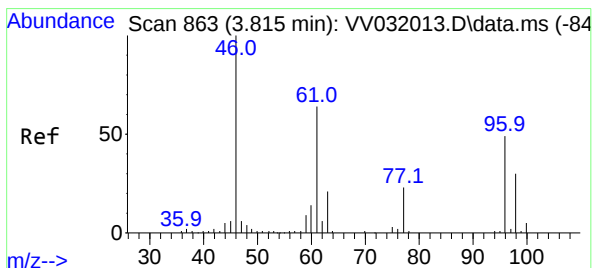
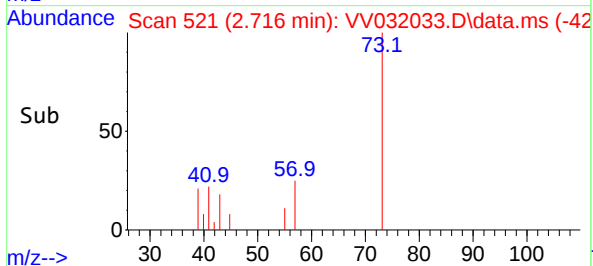
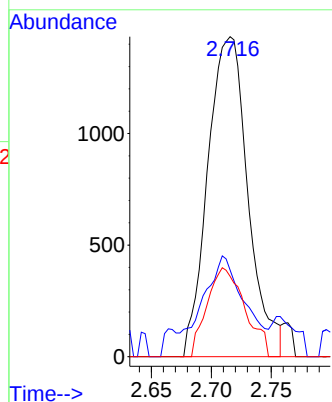


#17
Methyl tert-butyl Ether
Concen: 0.211 ug/L
RT: 2.716 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV032033.D
Acq: 11 Sep 2023 17:56

Instrument :
MSVOA_V
ClientSampleId :

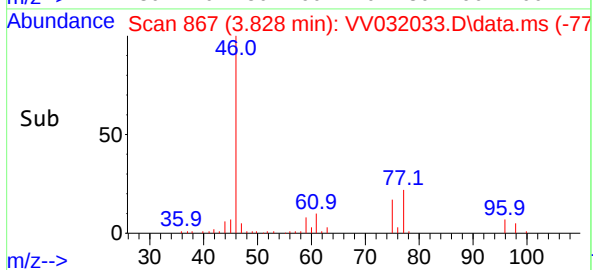
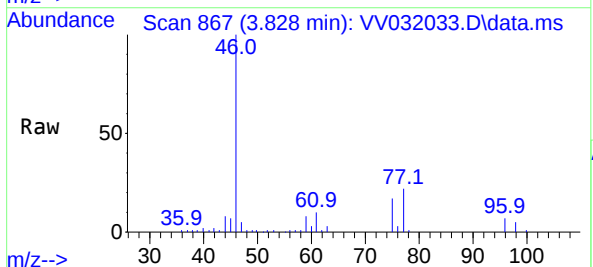
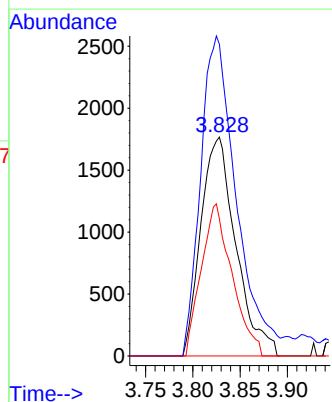


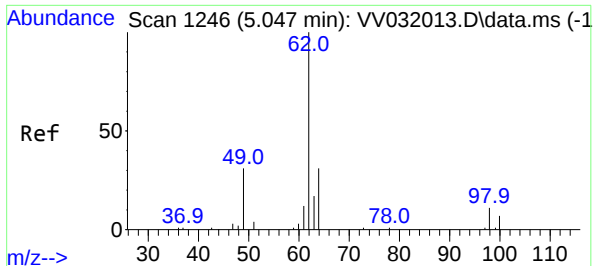
Tgt Ion: 73 Resp: 3345
Ion Ratio Lower Upper
73 100
43 28.3 15.6 23.4#
57 26.2 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.682 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.013 min
Lab File: VV032033.D
Acq: 11 Sep 2023 17:56

Tgt Ion: 96 Resp: 4553
Ion Ratio Lower Upper
96 100
61 142.4 94.1 174.8
98 62.6 43.8 81.4

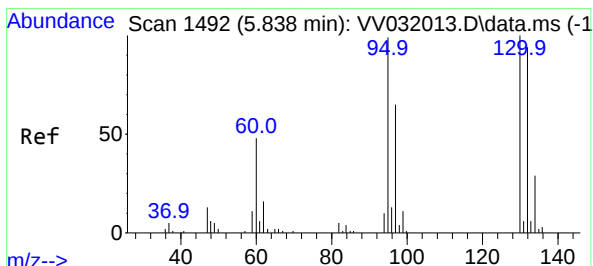
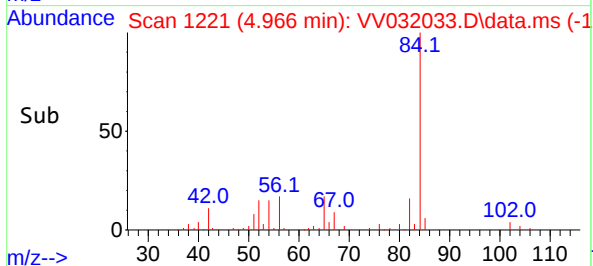
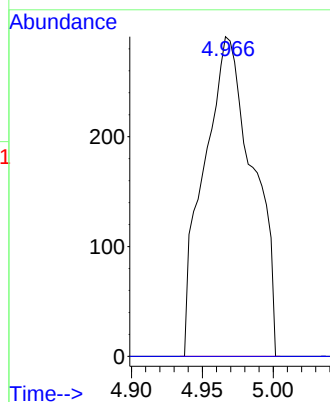
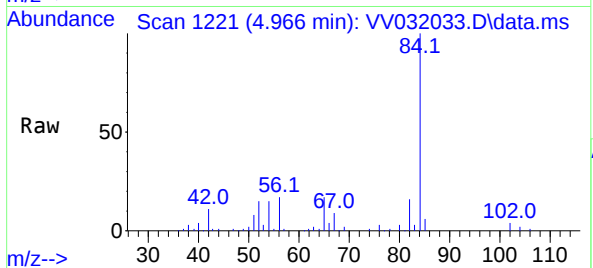




#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 4.966 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV032033.D
Acq: 11 Sep 2023 17:56

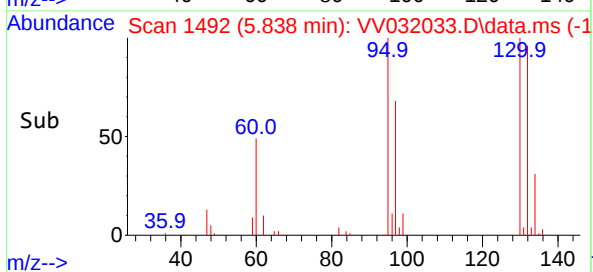
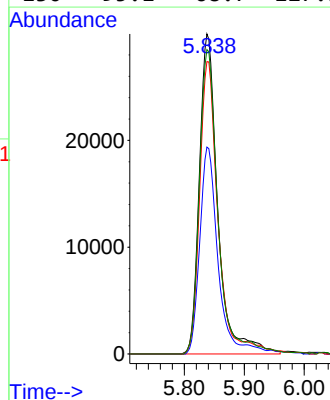
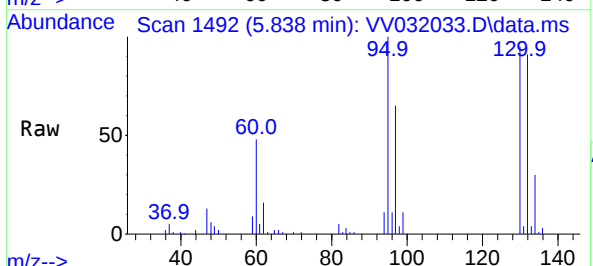
Instrument :
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ClientSampleId :

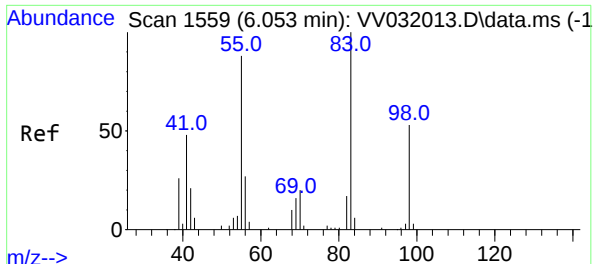
Tgt Ion: 62 Resp: 700
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



#34
Trichloroethene
Concen: 8.168 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV032033.D
Acq: 11 Sep 2023 17:56

Tgt Ion: 95 Resp: 64342
Ion Ratio Lower Upper
95 100
97 64.7 47.7 88.7
132 91.4 63.8 118.4
130 95.1 68.7 127.5

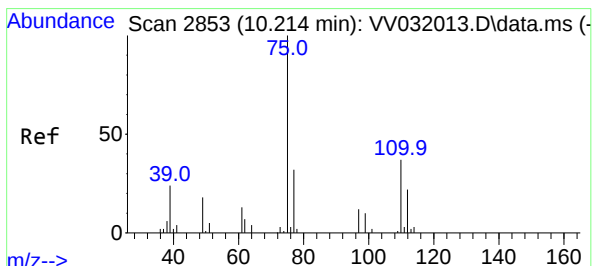
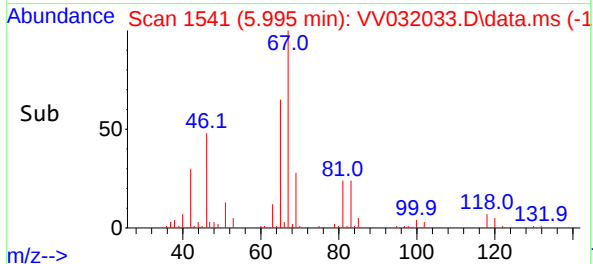
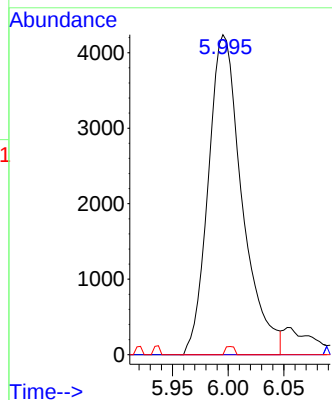
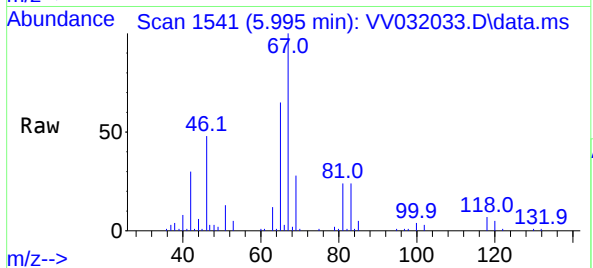




#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV032033.D
Acq: 11 Sep 2023 17:56

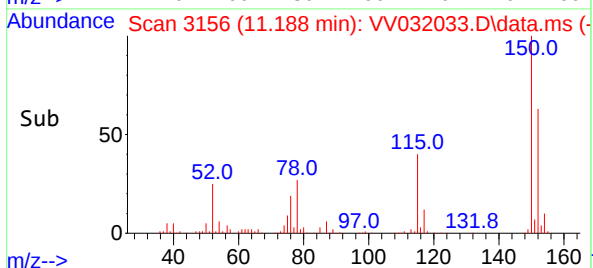
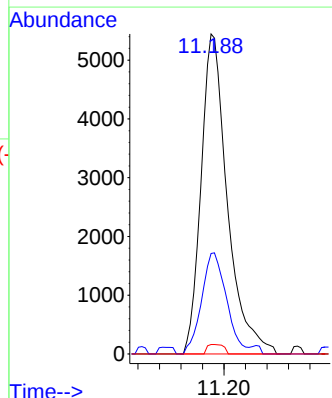
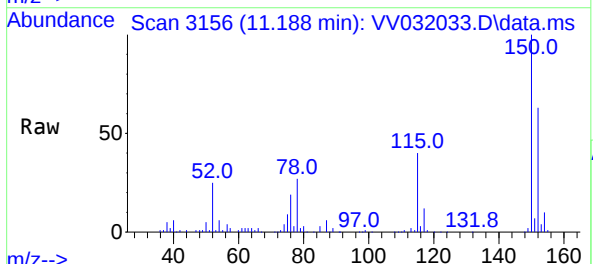
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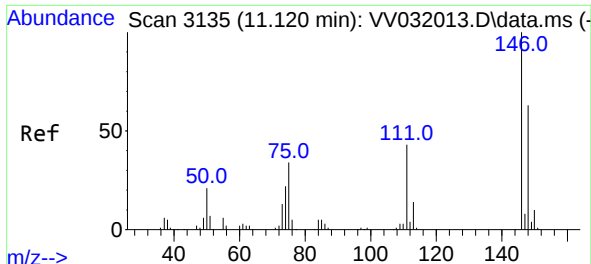
Tgt Ion: 83 Resp: 8948
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 1.0 37.8 56.8#



#61
1,2,3-Trichloropropane
Concen: 2.045 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032033.D
Acq: 11 Sep 2023 17:56

Tgt Ion: 75 Resp: 9225
Ion Ratio Lower Upper
75 100
77 30.0 28.8 43.2
110 1.8 30.2 45.2#

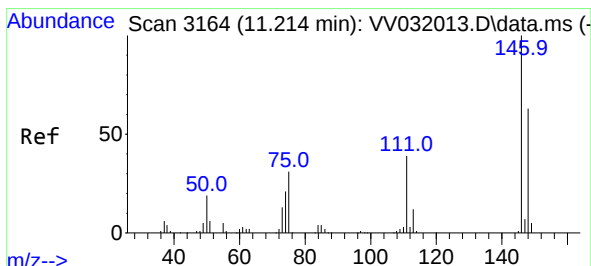
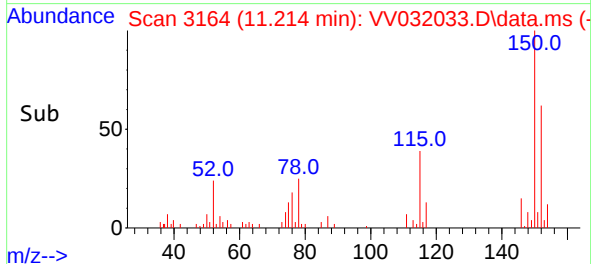
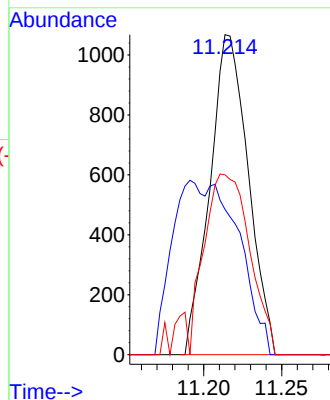
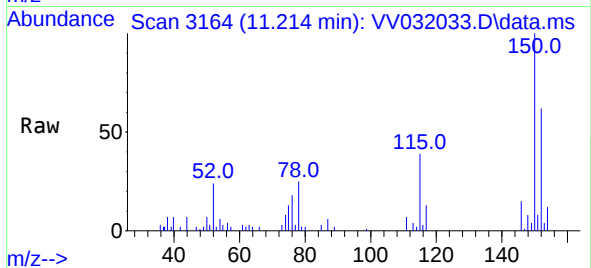




#64
1,3-Dichlorobenzene
Concen: 0.121 ug/L
RT: 11.214 min Scan# 3135
Delta R.T. 0.093 min
Lab File: VV032033.D
Acq: 11 Sep 2023 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1828
Ion Ratio Lower Upper
146 100
111 45.4 29.5 54.7
148 56.2 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 0.118 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032033.D
Acq: 11 Sep 2023 17:56

Tgt Ion:146 Resp: 1828
Ion Ratio Lower Upper
146 100
111 45.4 29.2 54.2
148 56.2 44.0 81.6

