

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033599.D
 Acq On : 12 Jan 2024 16:44
 Operator : SY/MD
 Sample : P1108-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 23:46:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

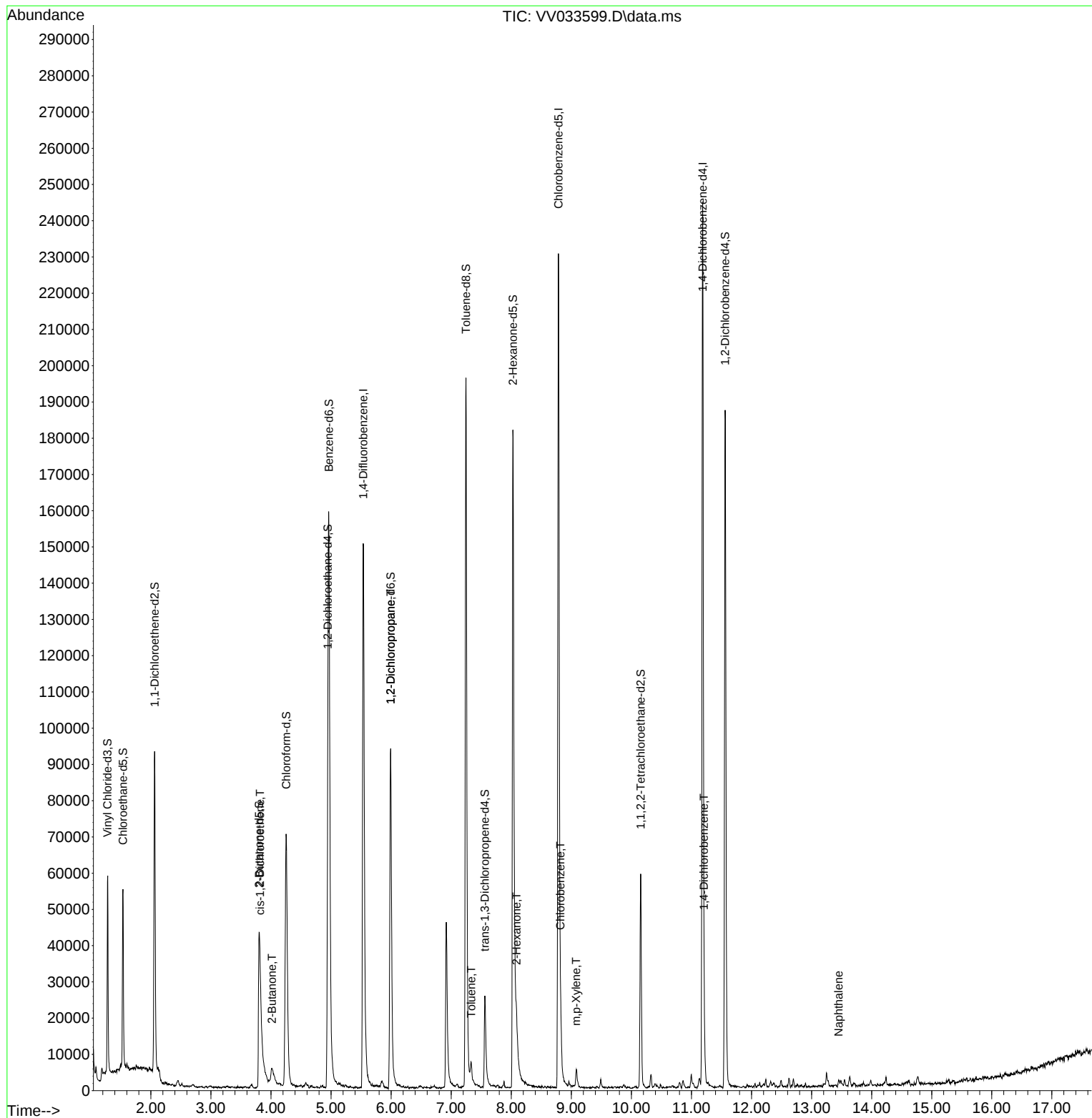
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	130383	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	120726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33885	4.753	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.536	69	30252	4.784	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.063	65	15770	4.908	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.200%	
20) 2-Butanone-d5	3.802	46	86199	49.449	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.900%	
24) Chloroform-d	4.253	84	74517	4.833	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	4.947	65	35182	5.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	4.963	84	144377	4.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	5.992	67	47032	4.843	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.246	98	127920	4.919	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
43) trans-1,3-Dichloroprop...	7.561	79	16956	5.050	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.000%	
46) 2-Hexanone-d5	8.027	63	66811	50.683	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.360%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29923	5.273	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	46850	4.995	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
21) 2-Butanone	4.015	43	9630	4.902	ug/L #	55
22) cis-1,2-Dichloroethene	3.818	96	1251	0.115	ug/L	87
37) 1,2-Dichloropropane	5.992	63	5366	0.504	ug/L #	87
42) Toluene	7.333	91	4871	0.107	ug/L	87
48) 2-Hexanone	8.088	43	11482	3.203	ug/L #	88
51) Chlorobenzene	8.818	112	10469	0.377	ug/L	95
53) m,p-Xylene	9.082	106	1684	0.087	ug/L	81
65) 1,4-Dichlorobenzene	11.210	146	2845	0.136	ug/L	86
71) Naphthalene	13.452	128	1777	0.077	ug/L #	90

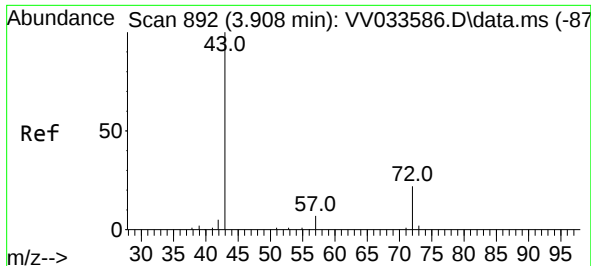
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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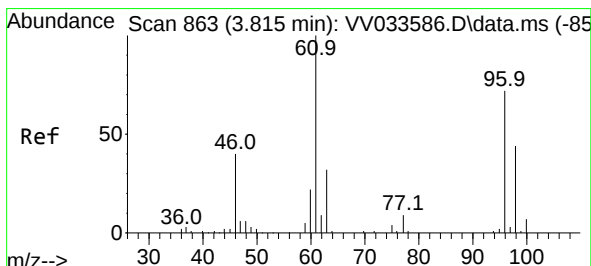
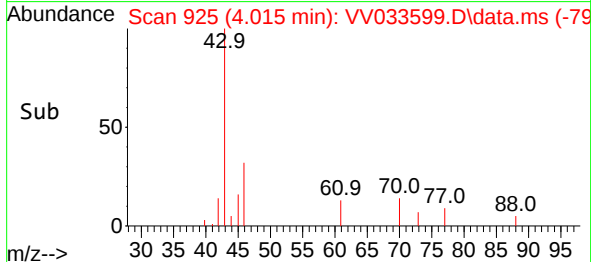
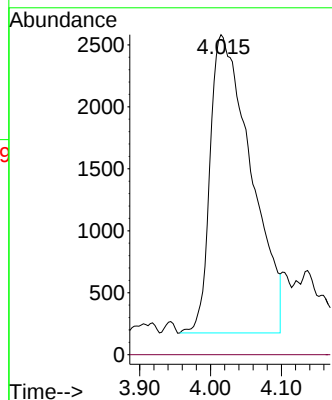
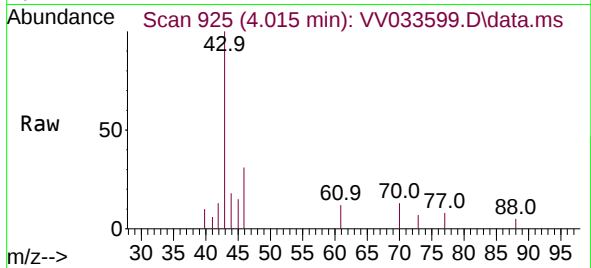




#21
2-Butanone
Concen: 4.902 ug/L
RT: 4.015 min Scan# 91
Delta R.T. 0.106 min
Lab File: VV033599.D
Acq: 12 Jan 2024 16:44

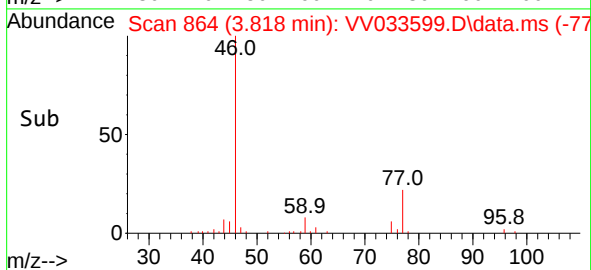
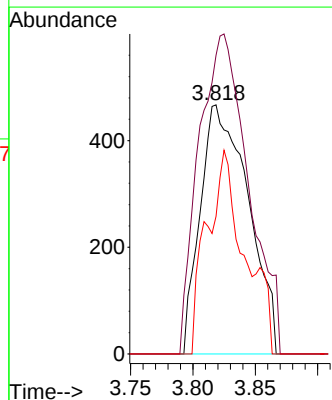
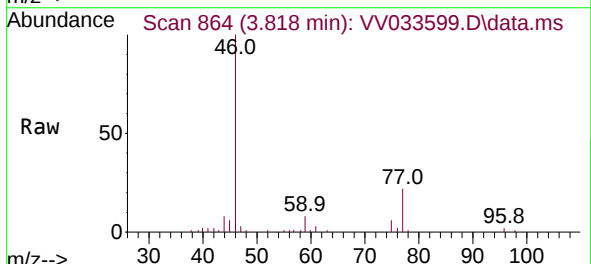
Instrument :
MSVOA_V
ClientSampleId :

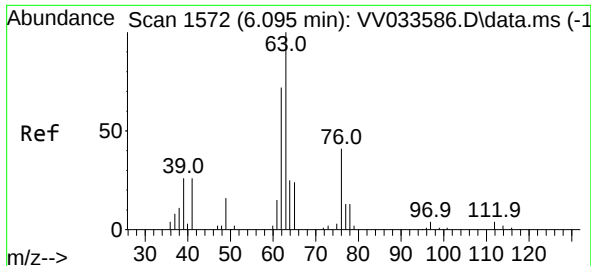
Tgt Ion: 43 Resp: 9630
Ion Ratio Lower Upper
43 100
72 0.0 10.5 31.6#



#22
cis-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV033599.D
Acq: 12 Jan 2024 16:44

Tgt Ion: 96 Resp: 1251
Ion Ratio Lower Upper
96 100
61 119.9 97.1 180.3
98 55.2 42.6 79.0





#37

1,2-Dichloropropane

Concen: 0.504 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV033599.D

Acq: 12 Jan 2024 16:44

Instrument :

MSVOA_V

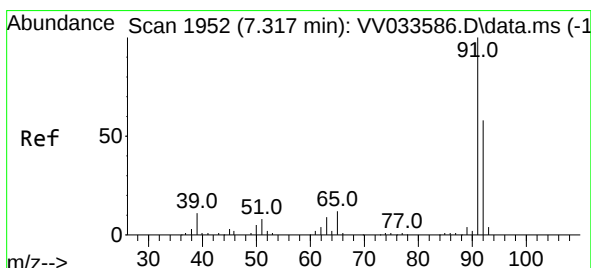
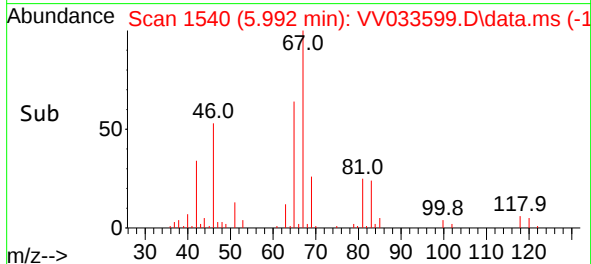
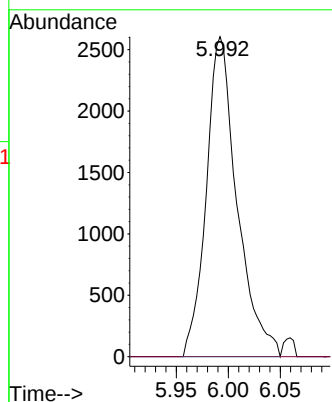
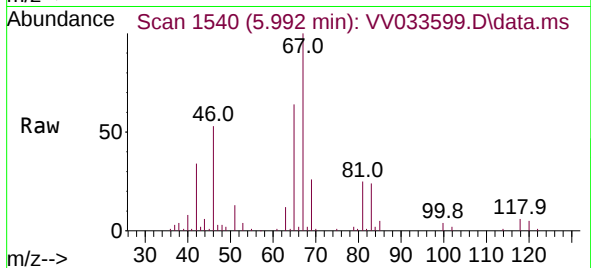
ClientSampleId :

Tgt Ion: 63 Resp: 5366

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 0.107 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.016 min

Lab File: VV033599.D

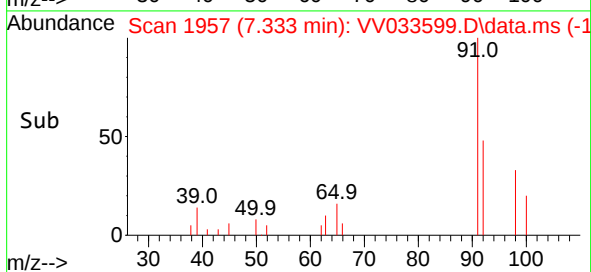
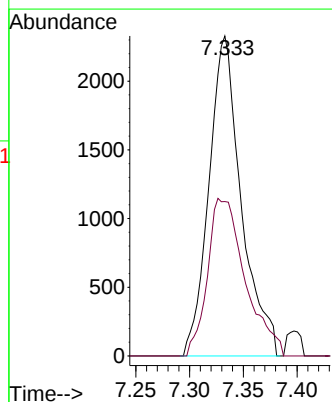
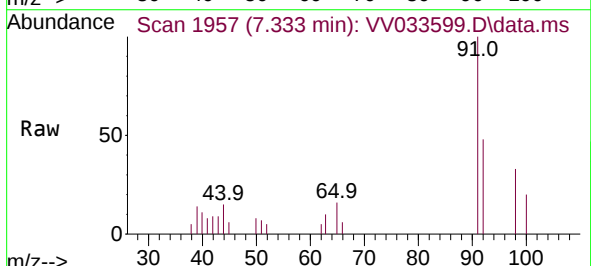
Acq: 12 Jan 2024 16:44

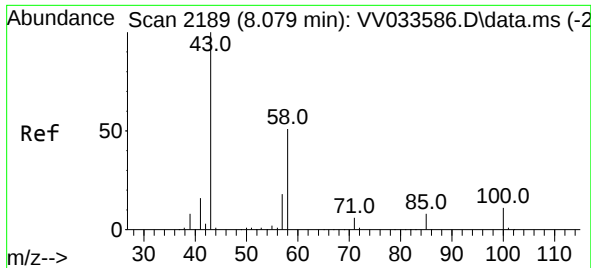
Tgt Ion: 91 Resp: 4871

Ion Ratio Lower Upper

91 100

92 48.3 40.5 75.3

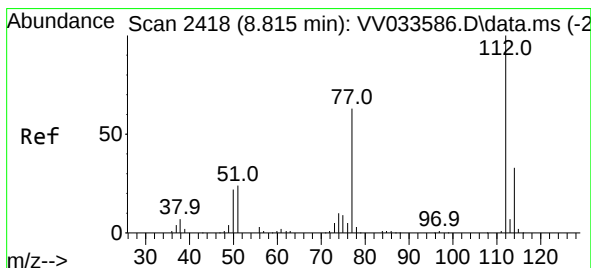
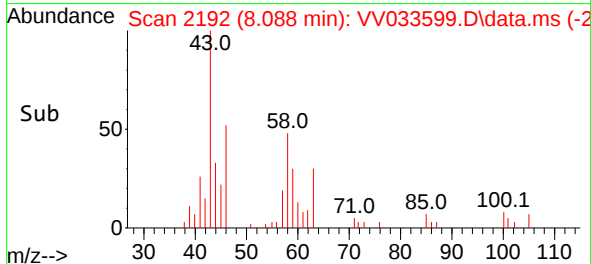
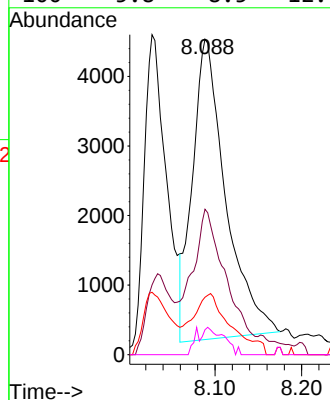
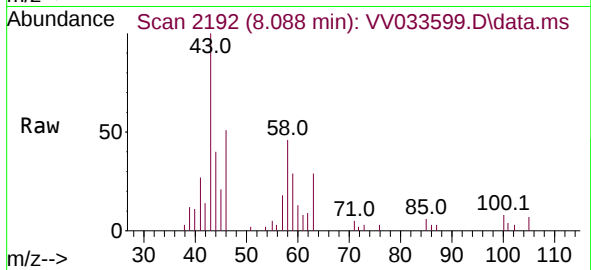




#48
2-Hexanone
Concen: 3.203 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV033599.D
Acq: 12 Jan 2024 16:44

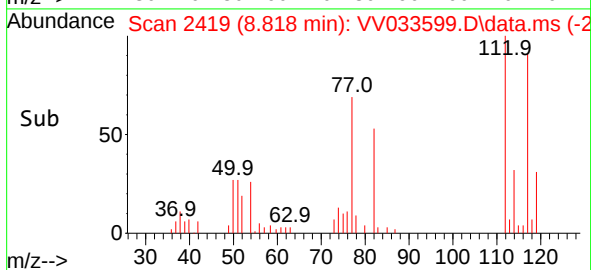
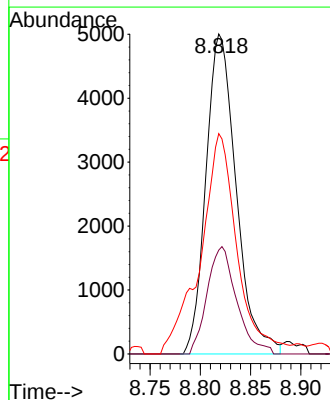
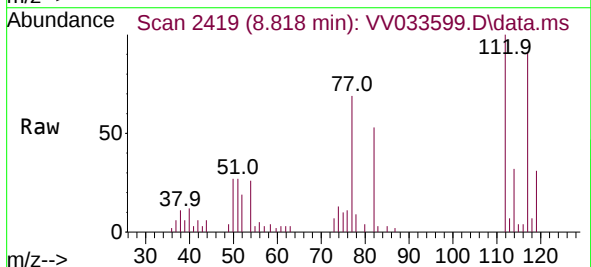
Instrument :
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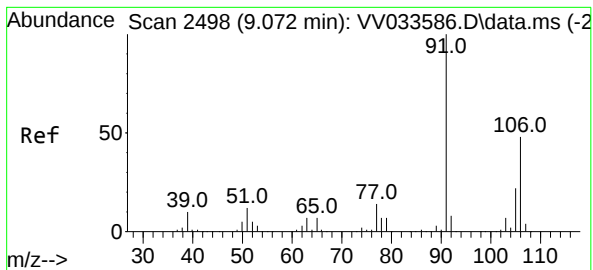
Tgt Ion:	43	Resp:	11482
Ion	Ratio	Lower	Upper
43	100		
58	43.1	40.6	61.0
57	23.6	13.8	20.8#
100	5.8	8.5	12.7#



#51
Chlorobenzene
Concen: 0.377 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV033599.D
Acq: 12 Jan 2024 16:44

Tgt Ion:	112	Resp:	10469
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.9	42.5
77	68.9	50.8	76.2

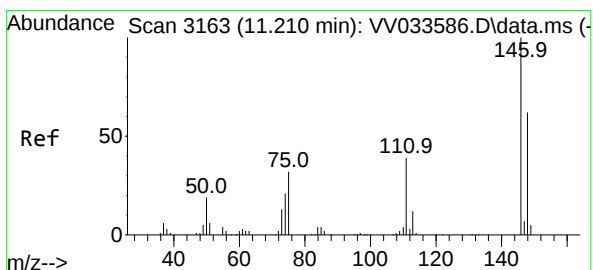
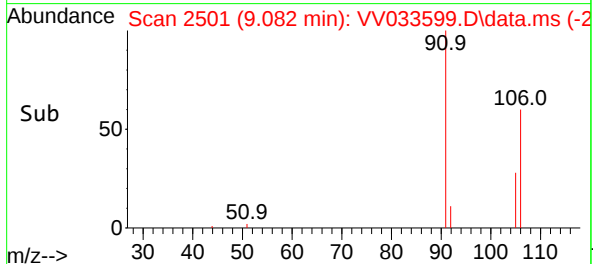
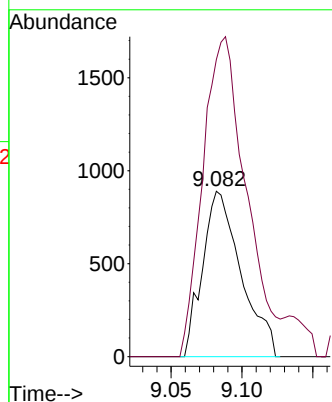
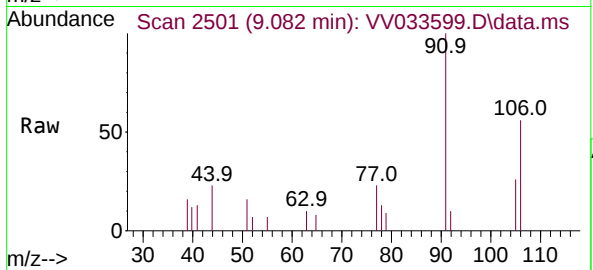




#53
m,p-Xylene
Concen: 0.087 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV033599.D
Acq: 12 Jan 2024 16:44

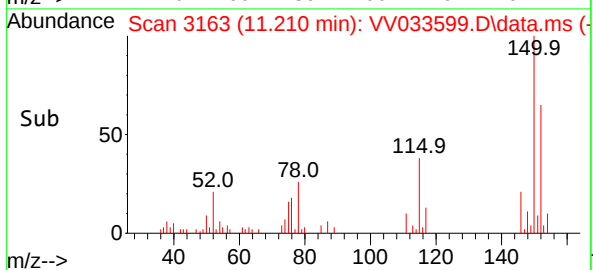
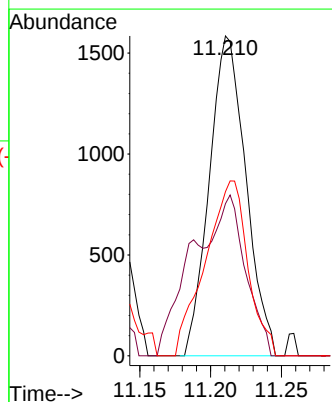
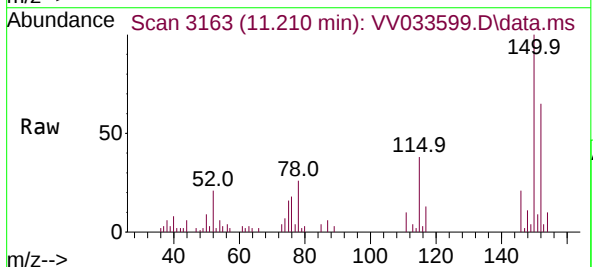
Instrument :
MSVOA_V
ClientSampleId :

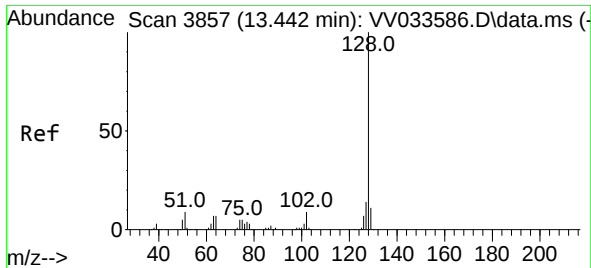
Tgt Ion:106 Resp: 1684
Ion Ratio Lower Upper
106 100
91 179.6 146.2 271.4



#65
1,4-Dichlorobenzene
Concen: 0.136 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033599.D
Acq: 12 Jan 2024 16:44

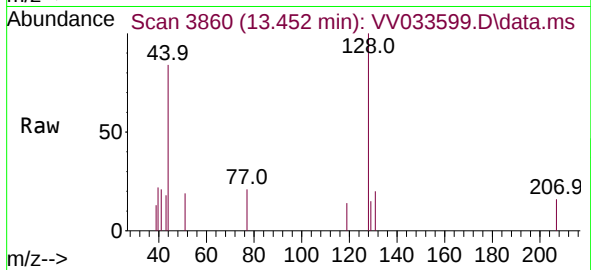
Tgt Ion:146 Resp: 2845
Ion Ratio Lower Upper
146 100
111 47.6 27.5 51.1
148 51.4 43.3 80.5





#71
Naphthalene
Concen: 0.077 ug/L
RT: 13.452 min Scan# 3857
Delta R.T. 0.010 min
Lab File: VV033599.D
Acq: 12 Jan 2024 16:44

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1777
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	6.1	10.4	15.6#

