

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032731.D
 Acq On : 28 Oct 2023 10:54
 Operator : SY/MD
 Sample : VV1027WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 30 01:51:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 01:47:59 2023
 Response via : Initial Calibration

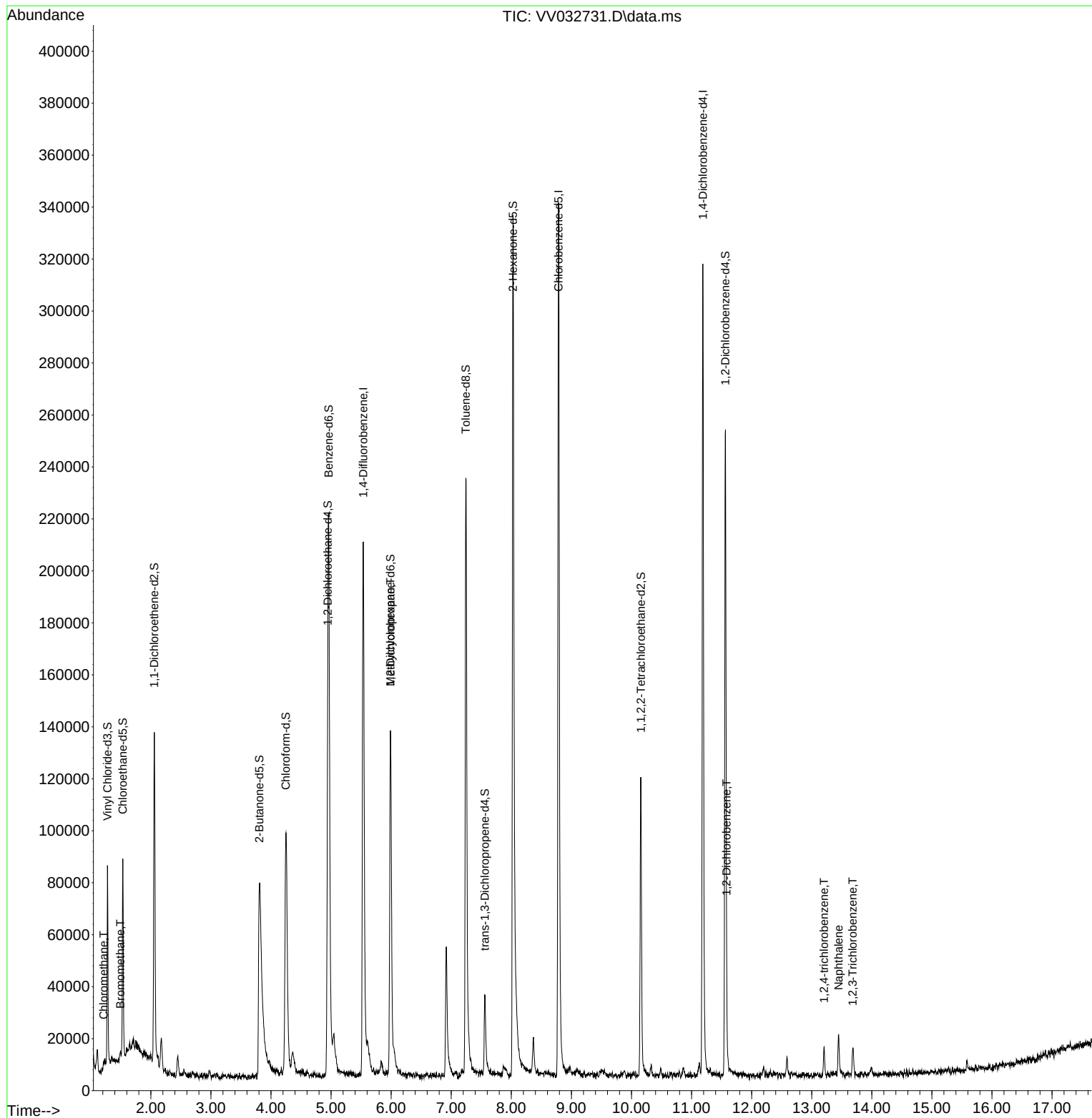
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	183073	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	193604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	80144	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46803	3.113	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.200%	
7) Chloroethane-d5	1.532	69	49477	3.872	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.400%	
11) 1,1-Dichloroethene-d2	2.056	65	21429	3.175	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.600%	
20) 2-Butanone-d5	3.805	46	144771	44.588	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.180%	
24) Chloroform-d	4.246	84	104582	4.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	4.944	65	54770	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	4.960	84	194155	4.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	5.989	67	64110	4.803	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.243	98	165417	3.540	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.800%	
43) trans-1,3-Dichloroprop...	7.558	79	19954	3.388	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.800%	
46) 2-Hexanone-d5	8.027	63	116176	49.771	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.540%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	54814	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	64017	4.892	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2719	0.123	ug/L	100
6) Bromomethane	1.490	94	1287	0.100	ug/L	96
35) Methylcyclohexane	5.989	83	16821	0.690	ug/L #	21
67) 1,2-Dichlorobenzene	11.583	146	2236	0.083	ug/L #	87
70) 1,2,4-trichlorobenzene	13.204	180	2775	0.157	ug/L #	93
71) Naphthalene	13.448	128	11262	0.402	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	2980	0.192	ug/L #	83

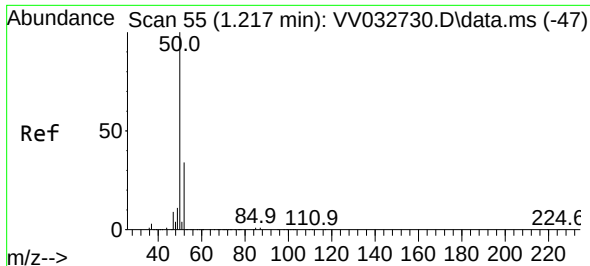
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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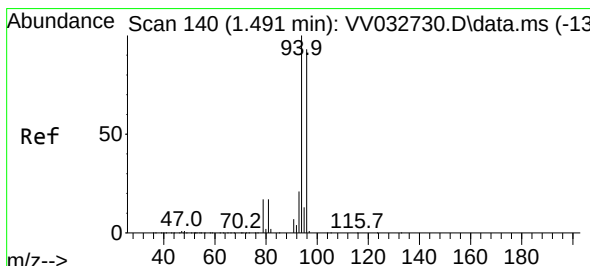
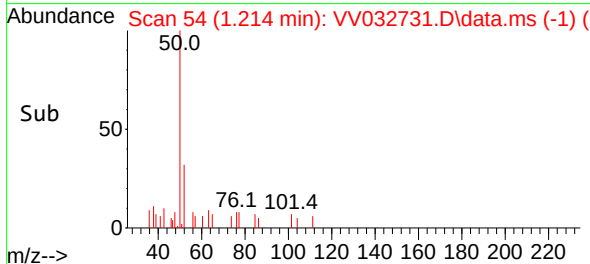
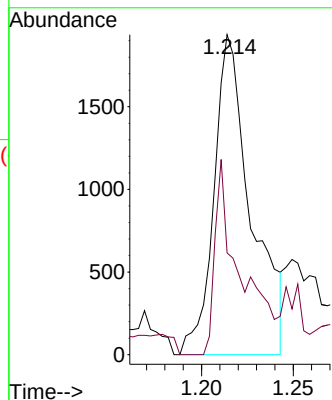
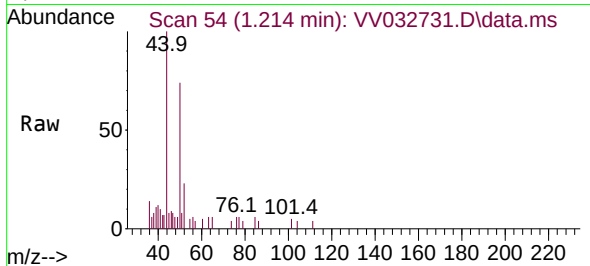




#3
Chloromethane
Concen: 0.123 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV032731.D
Acq: 28 Oct 2023 10:54

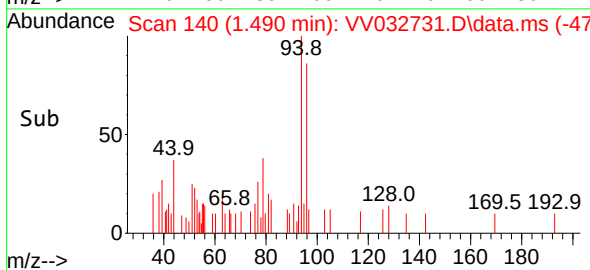
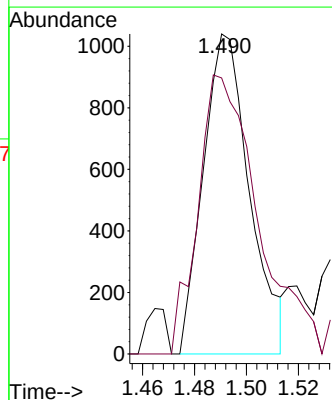
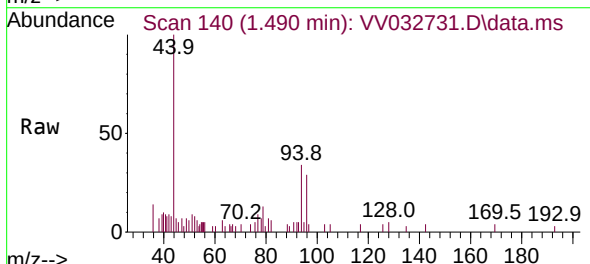
Instrument :
MSVOA_V
ClientSampleId :

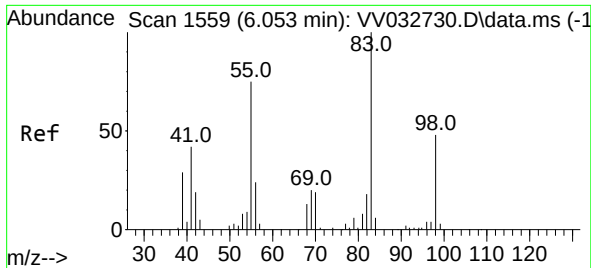
Tgt Ion: 50 Resp: 2719
Ion Ratio Lower Upper
50 100
52 31.8 22.3 41.5



#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV032731.D
Acq: 28 Oct 2023 10:54

Tgt Ion: 94 Resp: 1287
Ion Ratio Lower Upper
94 100
96 98.4 66.4 123.2

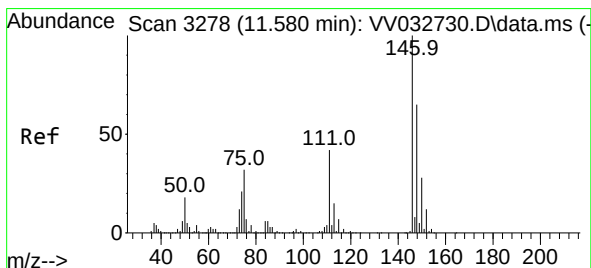
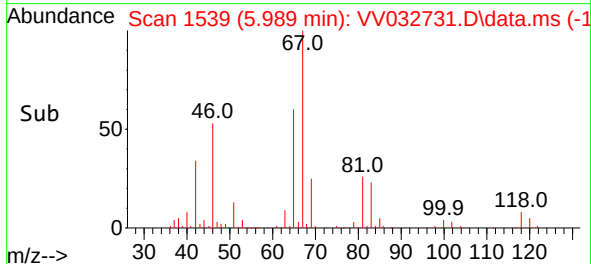
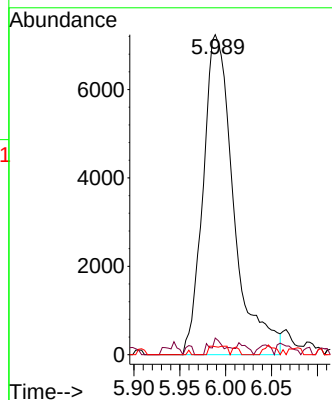
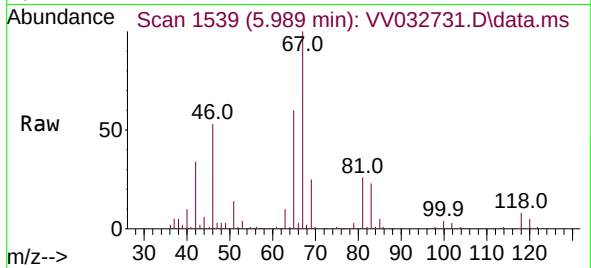




#35
Methylcyclohexane
Concen: 0.690 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.064 min
Lab File: VV032731.D
Acq: 28 Oct 2023 10:54

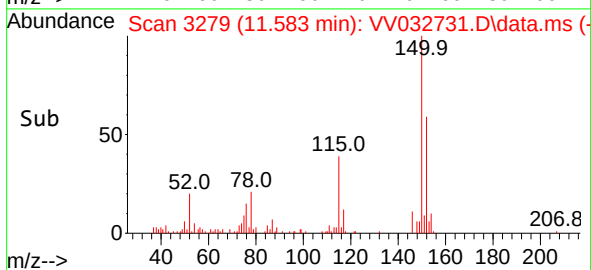
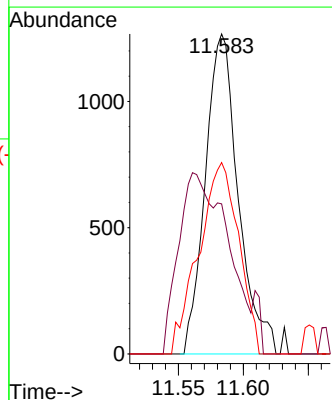
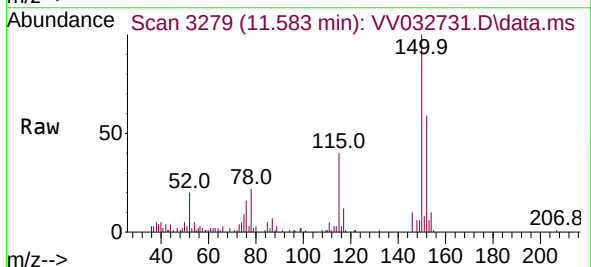
Instrument :
MSVOA_V
ClientSampleId :

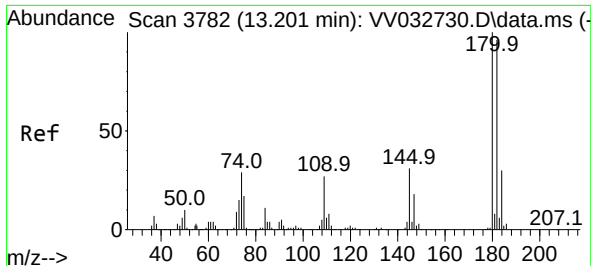
Tgt Ion: 83 Resp: 16821
Ion Ratio Lower Upper
83 100
55 2.4 59.6 89.4#
98 0.8 39.1 58.7#



#67
1,2-Dichlorobenzene
Concen: 0.083 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV032731.D
Acq: 28 Oct 2023 10:54

Tgt Ion:146 Resp: 2236
Ion Ratio Lower Upper
146 100
111 56.8 34.2 51.4#
148 59.8 51.8 77.8

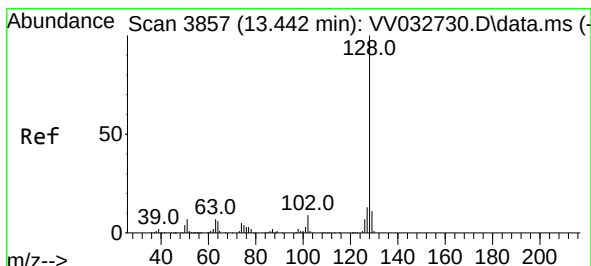
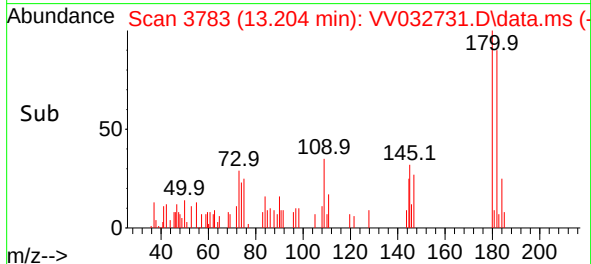
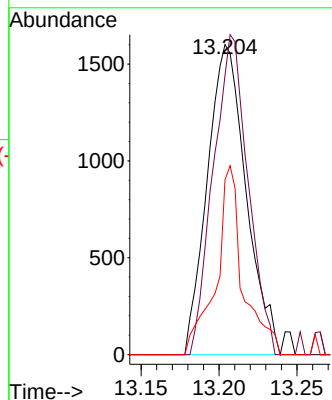
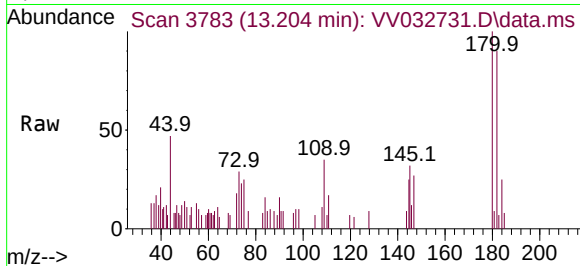




#70
1,2,4-trichlorobenzene
Concen: 0.157 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032731.D
Acq: 28 Oct 2023 10:54

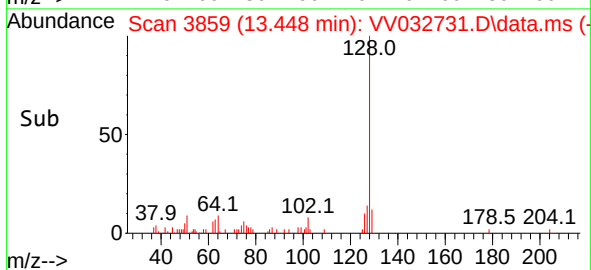
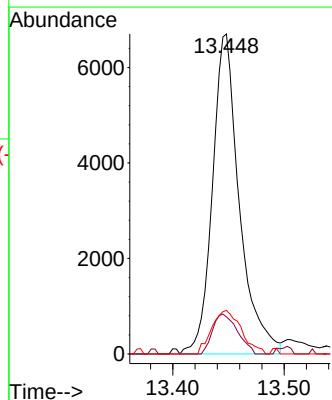
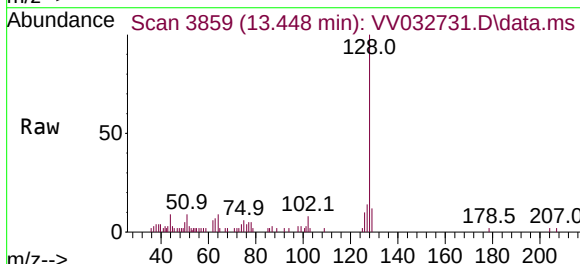
Instrument :
MSVOA_V
ClientSampleId :

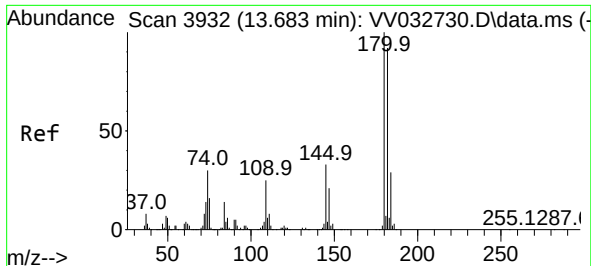
Tgt Ion:180 Resp: 2775
Ion Ratio Lower Upper
180 100
182 92.3 75.7 113.5
145 42.1 25.0 37.4#



#71
Naphthalene
Concen: 0.402 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.006 min
Lab File: VV032731.D
Acq: 28 Oct 2023 10:54

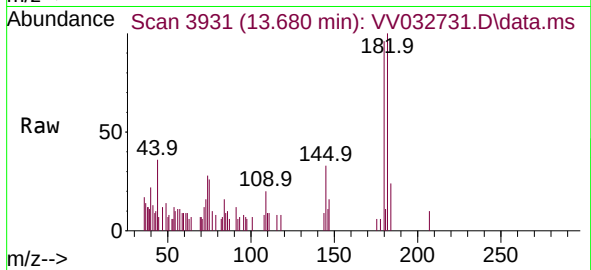
Tgt Ion:128 Resp: 11262
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.9 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.192 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. -0.003 min
 Lab File: VV032731.D
 Acq: 28 Oct 2023 10:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	112.6	75.4	113.2
145	40.4	26.4	39.6

