

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034833.D
 Acq On : 26 Mar 2024 17:29
 Operator : SY/MD
 Sample : P1851-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LX3

Quant Time: Mar 27 01:37:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

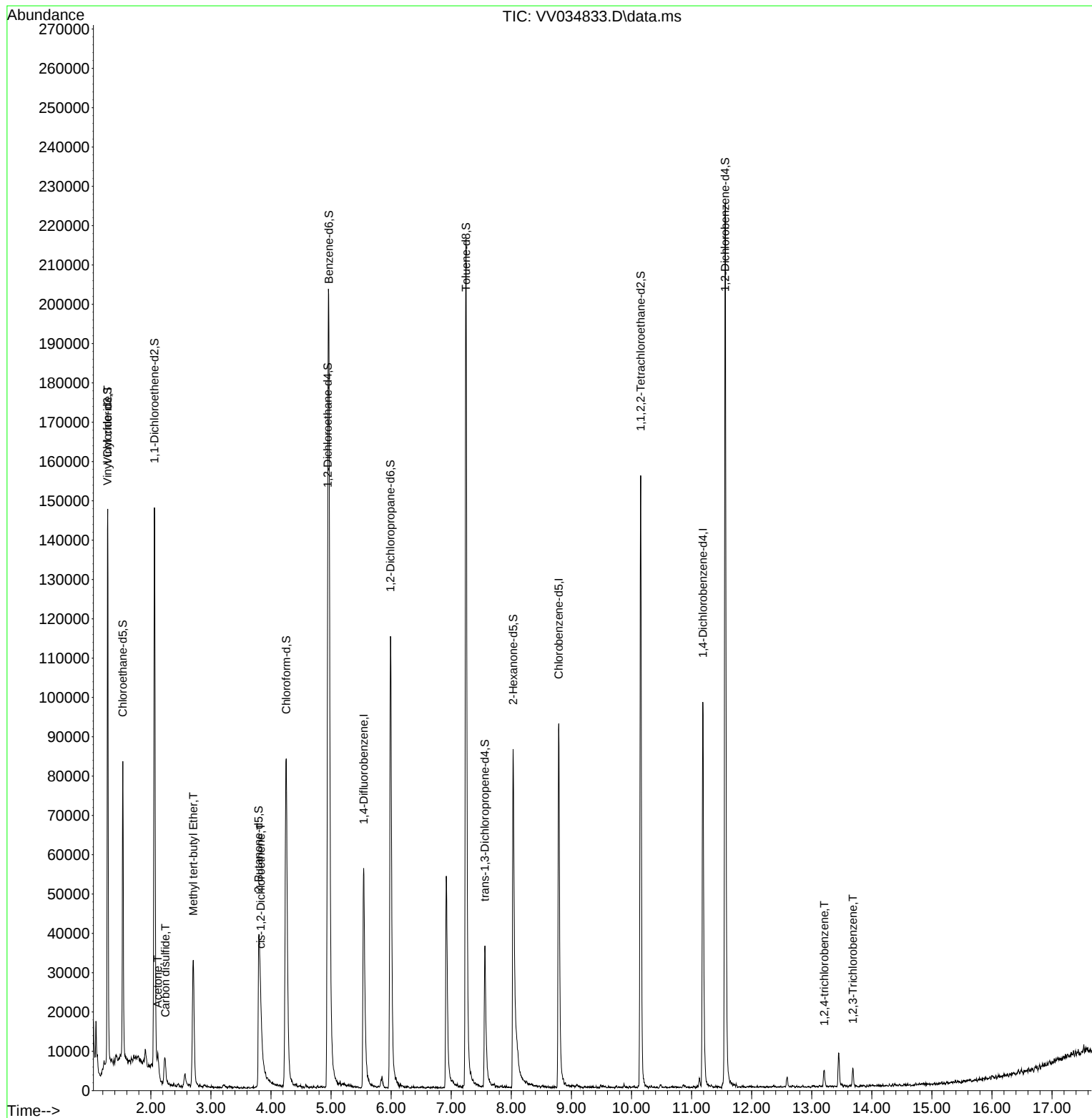
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	52741	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	53439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	25546	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	58327	114.513	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	229.020%#	
7) Chloroethane-d5	1.532	69	47847	108.153	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	216.300%#	
11) 1,1-Dichloroethene-d2	2.060	65	24195	108.365	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	216.720%#	
21) 2-Butanone-d5	3.796	46	58284	192.940	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	192.940%#	
24) Chloroform-d	4.253	84	90260	105.397	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	210.800%#	
26) 1,2-Dichloroethane-d4	4.944	65	58954	108.429	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	216.860%#	
32) Benzene-d6	4.963	84	181023	100.846	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	201.700%#	
36) 1,2-Dichloropropane-d6	5.989	67	58192	102.089	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	204.180%#	
41) Toluene-d8	7.246	98	154280	95.436	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	190.880%#	
43) trans-1,3-Dichloroprop...	7.561	79	23602	85.172	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	170.340%#	
47) 2-Hexanone-d5	8.031	63	31756	147.351	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	147.350%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	77158	98.296	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	196.600%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	56121	97.846	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	195.700%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	35765	69.423	ug/L	99
13) Acetone	2.114	43	3531	12.732	ug/L	90
14) Carbon disulfide	2.243	76	2745	2.463	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	32745	24.361	ug/L	96
20) cis-1,2-Dichloroethene	3.828	96	3952	9.094	ug/L	86
70) 1,2,4-trichlorobenzene	13.210	180	1737	3.049	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.683	180	1529	2.722	ug/L	96

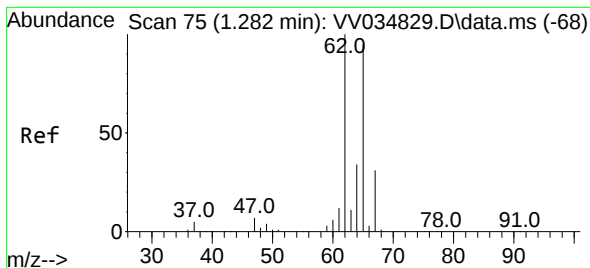
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:34:52 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 69.423 ug/L

RT: 1.282 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV034833.D

Acq: 26 Mar 2024 17:29

Instrument :

MSVOA_V

ClientSampleId :

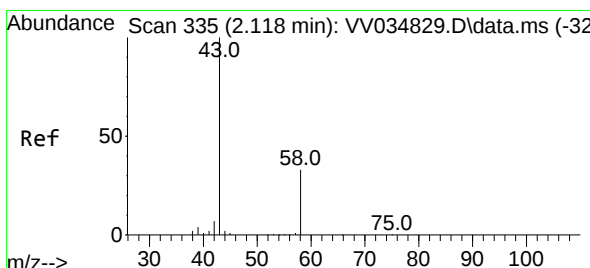
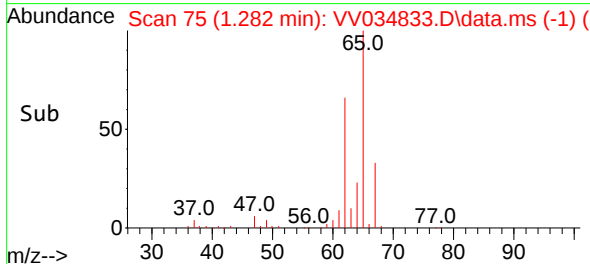
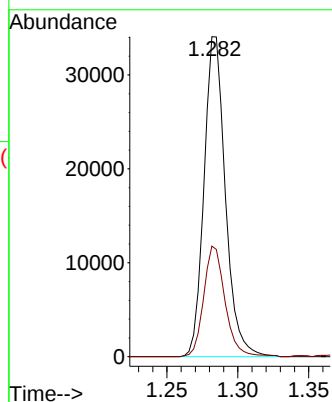
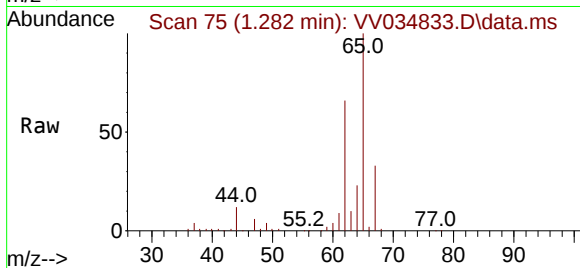
E0LX3

Tgt Ion: 62 Resp: 35765

Ion Ratio Lower Upper

62 100

64 34.5 23.6 43.8



#13

Acetone

Concen: 12.732 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV034833.D

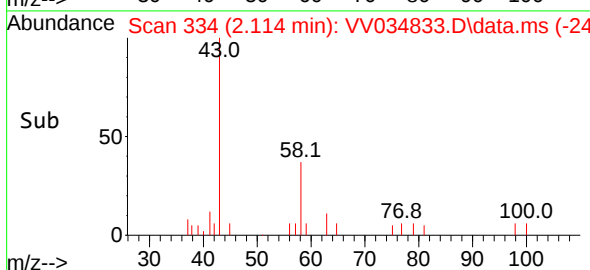
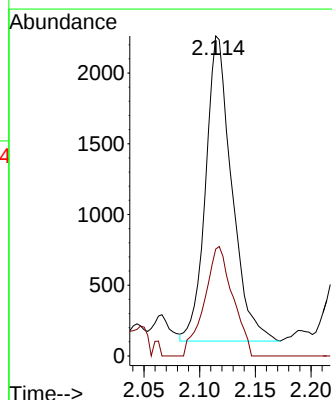
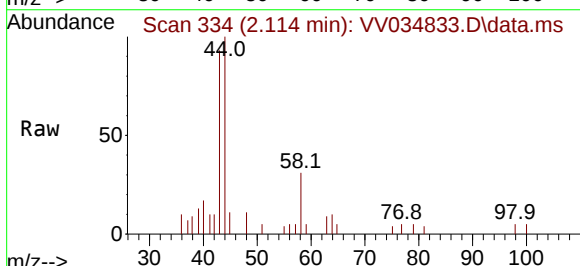
Acq: 26 Mar 2024 17:29

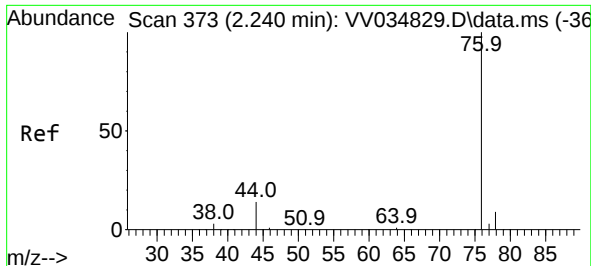
Tgt Ion: 43 Resp: 3531

Ion Ratio Lower Upper

43 100

58 38.7 0.0 66.0

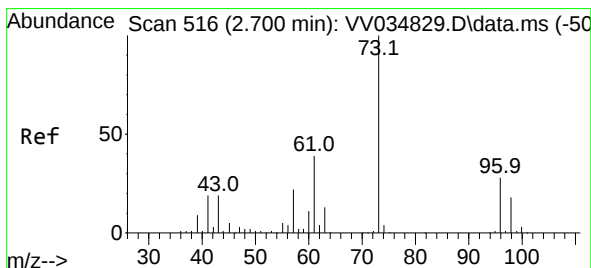
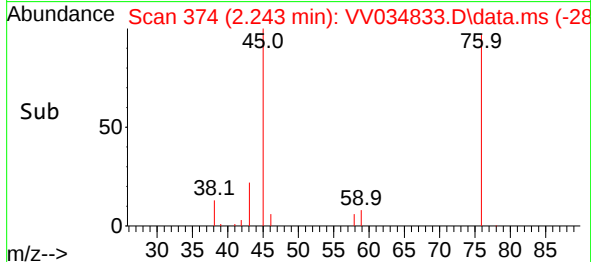
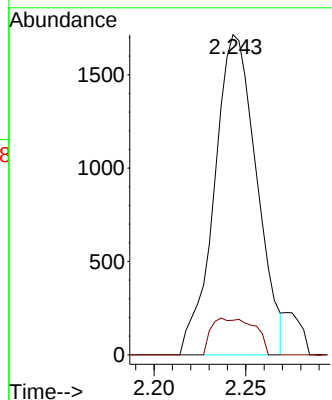
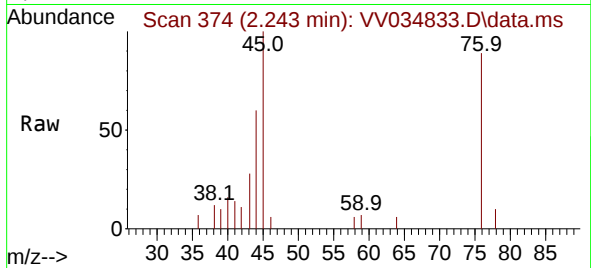




#14
Carbon disulfide
Concen: 2.463 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034833.D
Acq: 26 Mar 2024 17:29

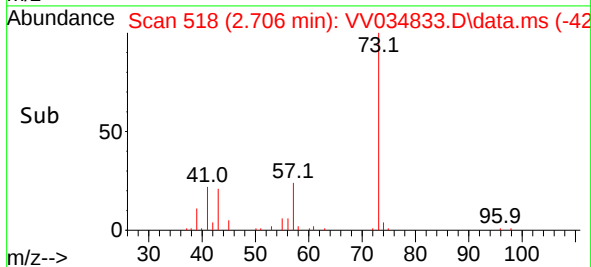
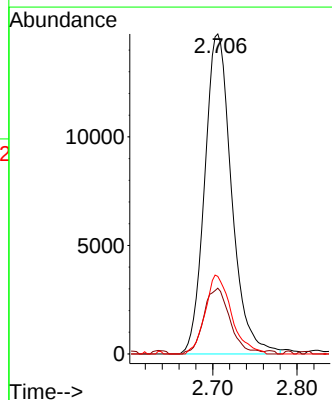
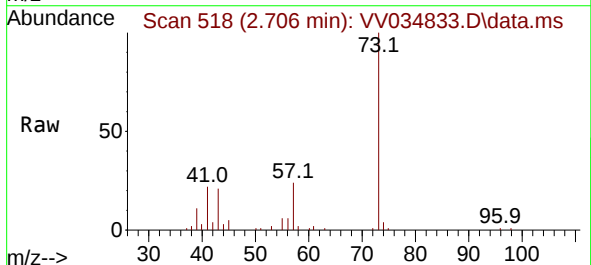
Instrument :
MSVOA_V
ClientSampleId :
EOLX3

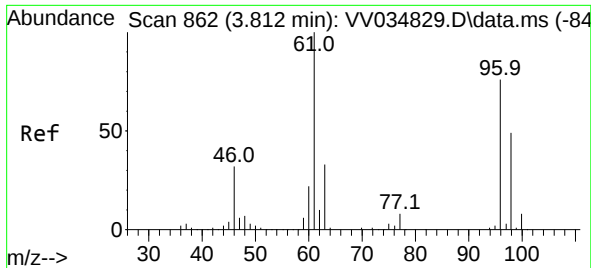
Tgt Ion: 76 Resp: 2745
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0



#18
Methyl tert-butyl Ether
Concen: 24.361 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV034833.D
Acq: 26 Mar 2024 17:29

Tgt Ion: 73 Resp: 32745
Ion Ratio Lower Upper
73 100
43 19.8 14.6 21.8
57 24.0 17.6 26.4

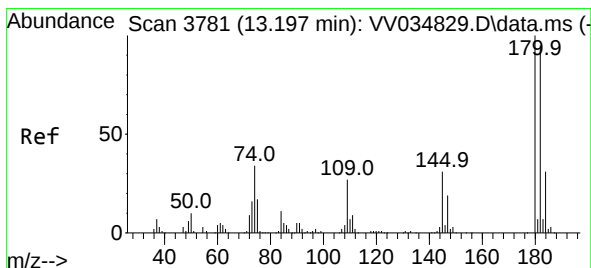
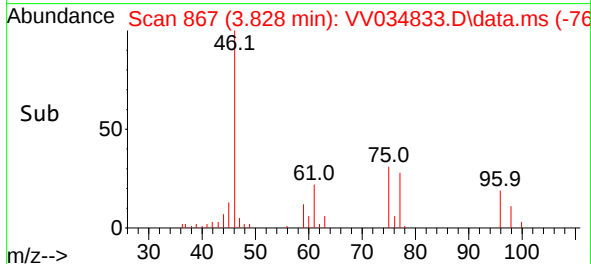
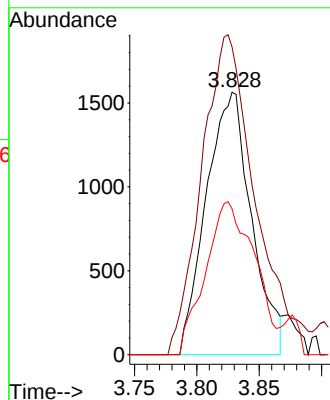
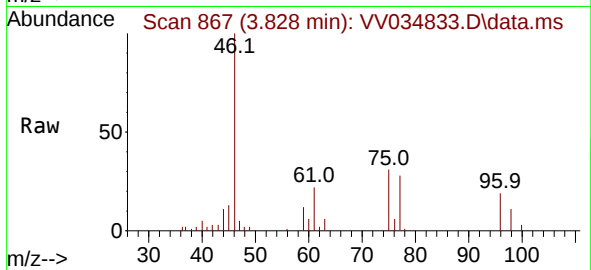




#20
 cis-1,2-Dichloroethene
 Concen: 9.094 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. 0.016 min
 Lab File: VV034833.D
 Acq: 26 Mar 2024 17:29

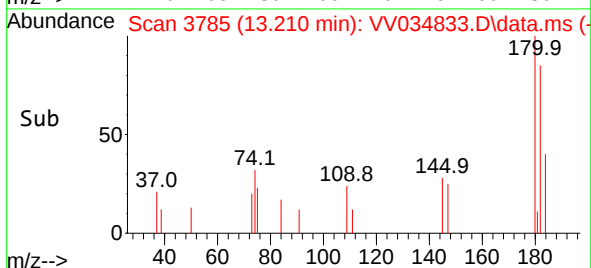
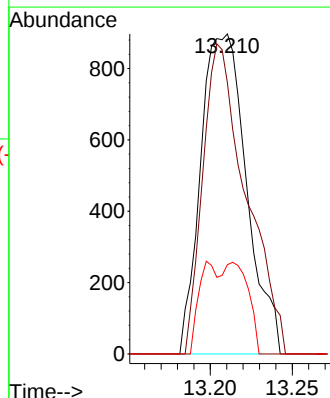
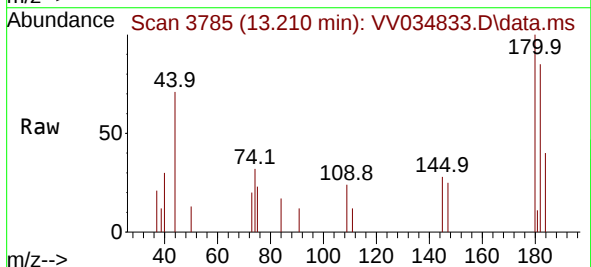
Instrument :
 MSVOA_V
 ClientSampleId :
 E0LX3

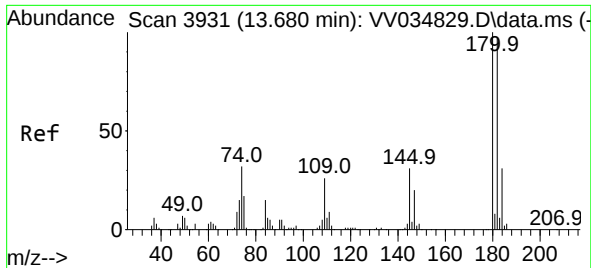
Tgt Ion: 96	Resp:	3952
Ion Ratio	Lower	Upper
96	100	
61	117.3	94.9 176.3
98	55.6	45.6 84.8



#70
 1,2,4-trichlorobenzene
 Concen: 3.049 ug/L
 RT: 13.210 min Scan# 3785
 Delta R.T. 0.013 min
 Lab File: VV034833.D
 Acq: 26 Mar 2024 17:29

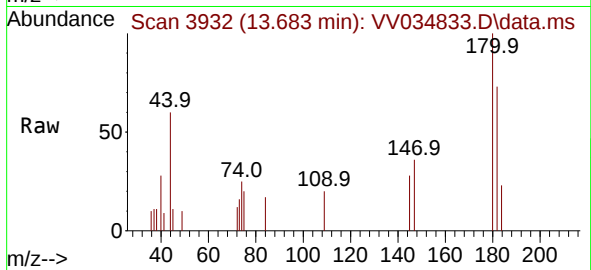
Tgt Ion: 180	Resp:	1737
Ion Ratio	Lower	Upper
180	100	
182	91.6	75.6 113.4
145	16.6	24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.722 ug/L
 RT: 13.683 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV034833.D
 Acq: 26 Mar 2024 17:29

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LX3



Tgt Ion:	180	Resp:	1529
Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.2	114.2
145	28.4	25.8	38.6

