

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036573.D
 Acq On : 16 Jul 2024 17:35
 Operator : SY/MD
 Sample : P3238-15
 Misc : 5.29g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:29:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

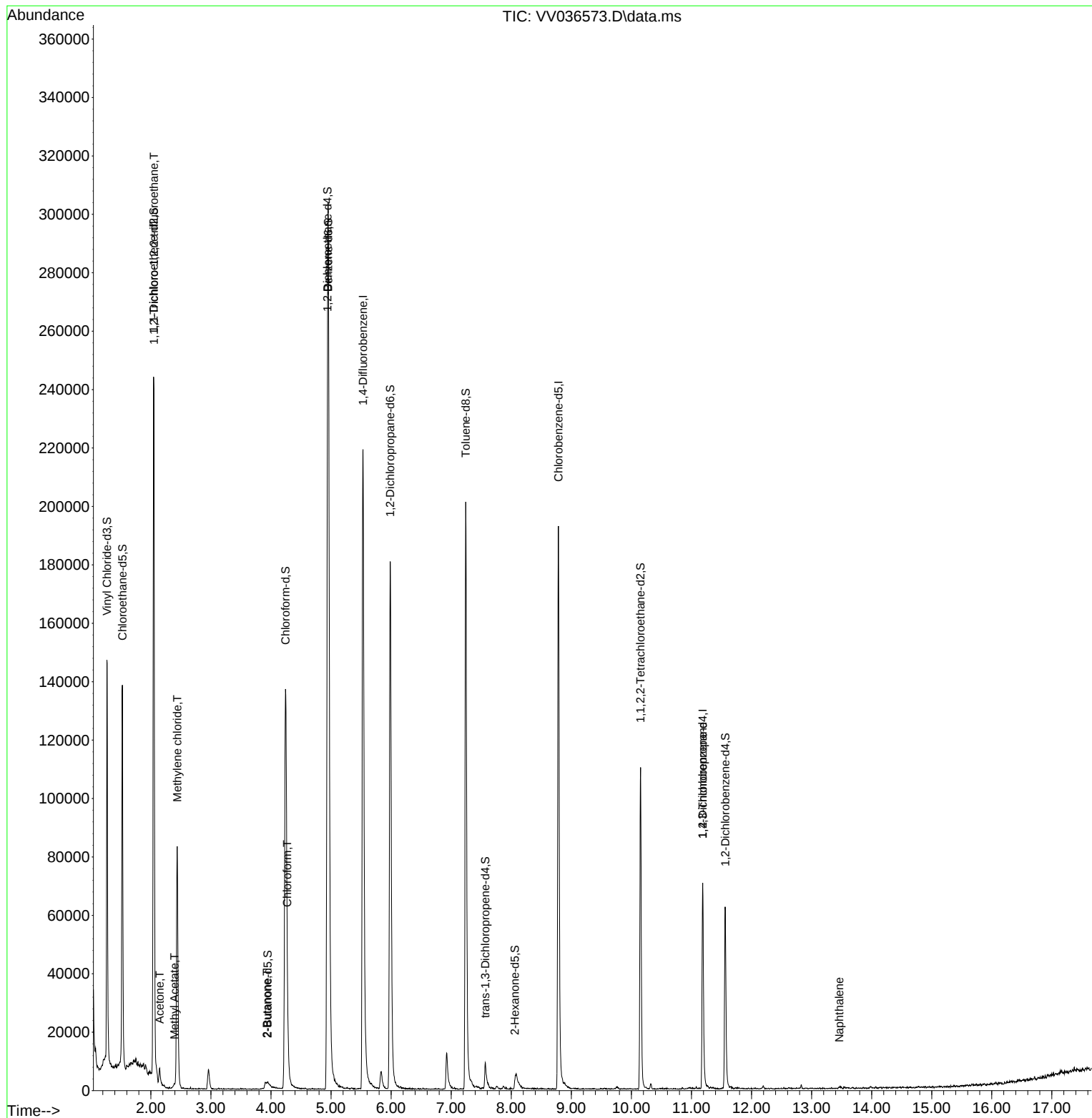
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	208612	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	123512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	21477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	92530	30.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.840%
7) Chloroethane-d5	1.526	69	88723	33.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.800%
11) 1,1-Dichloroethene-d2	2.047	65	38490	25.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.320%
21) 2-Butanone-d5	3.944	46	395	0.772	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.540%#
24) Chloroform-d	4.243	84	155816	25.660	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	4.940	65	93217	30.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.800%
32) Benzene-d6	4.953	84	264692	42.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	171.840%#
36) 1,2-Dichloropropane-d6	5.985	67	87886	47.858	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	191.440%#
41) Toluene-d8	7.243	98	145664	25.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	7.567	79	6891	9.025	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	36.120%
47) 2-Hexanone-d5	8.059	63	667	3.270	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.540%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	52324	33.831	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.320%#
66) 1,2-Dichlorobenzene-d4	11.564	152	18640	25.575	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.280%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	1449	0.406	ug/L #	19
13) Acetone	2.146	43	878	1.214	ug/L	96
15) Methyl Acetate	2.391	43	648	0.663	ug/L #	78
16) Methylene chloride	2.439	84	36277	8.458	ug/L	96
22) 2-Butanone	3.934	43	2593	4.271	ug/L #	70
25) Chloroform	4.272	83	4685	0.778	ug/L	84
61) 1,2,3-Trichloropropane	11.188	75	2128	5.569	ug/L #	55
71) Naphthalene	13.461	128	362	0.309	ug/L #	69

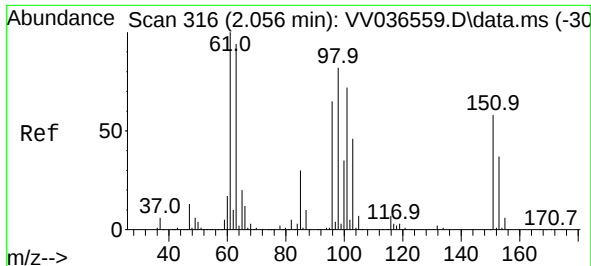
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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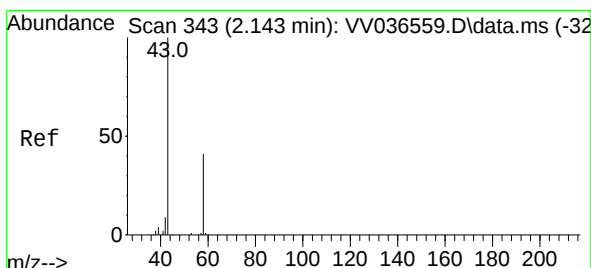
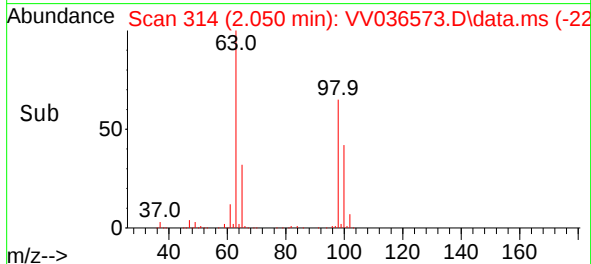
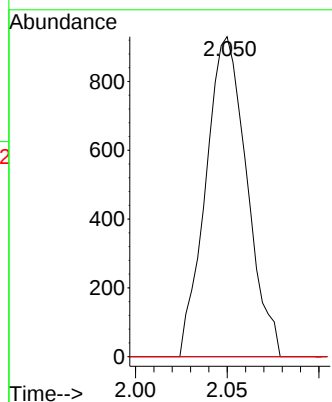
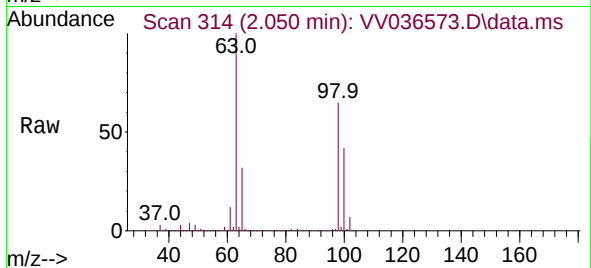




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.406 ug/L
RT: 2.050 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV036573.D
Acq: 16 Jul 2024 17:35

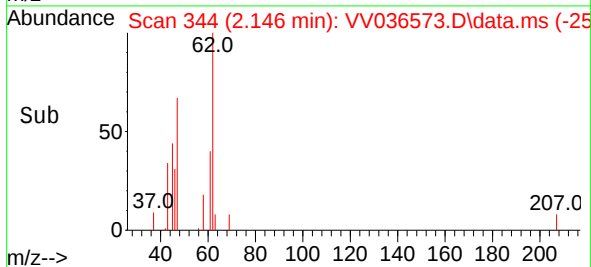
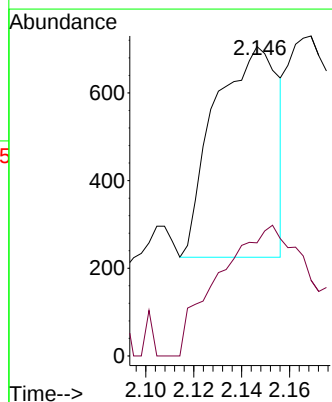
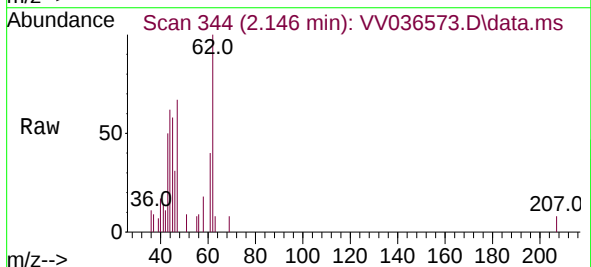
Instrument :
MSVOA_V
ClientSampleId :

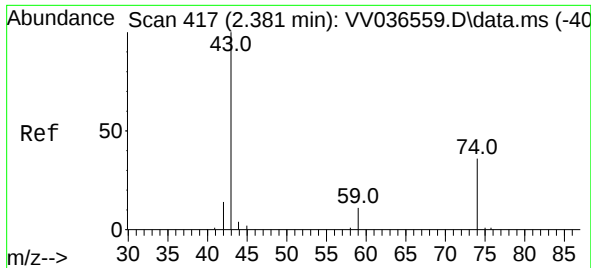
Tgt Ion:101 Resp: 1449
Ion Ratio Lower Upper
101 100
85 0.0 32.5 48.7#
151 0.0 62.6 94.0#



#13
Acetone
Concen: 1.214 ug/L
RT: 2.146 min Scan# 344
Delta R.T. 0.003 min
Lab File: VV036573.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 15.7 0.0 28.4





#15

Methyl Acetate

Concen: 0.663 ug/L

RT: 2.391 min Scan# 417

Delta R.T. 0.010 min

Lab File: VV036573.D

Acq: 16 Jul 2024 17:35

Instrument :

MSVOA_V

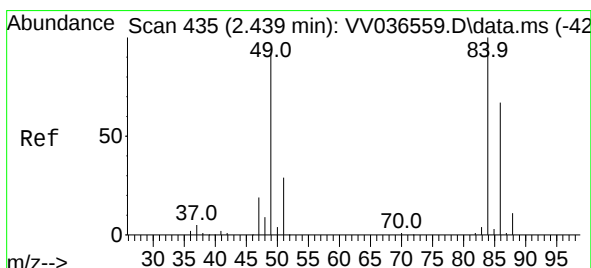
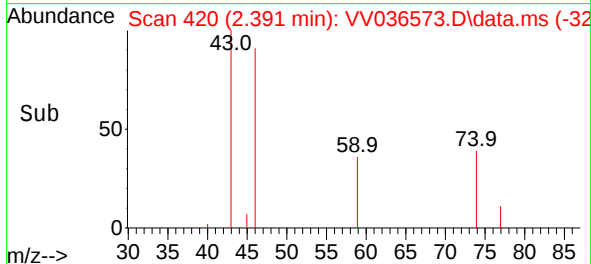
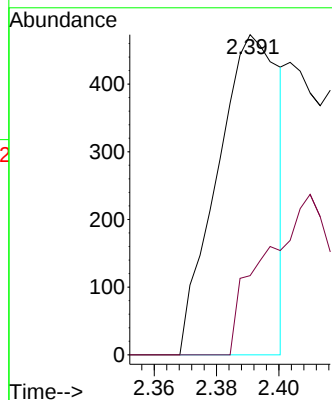
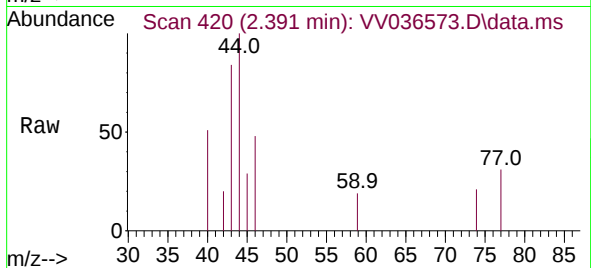
ClientSampleId :

Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

74 20.4 26.3 39.5#



#16

Methylene chloride

Concen: 8.458 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036573.D

Acq: 16 Jul 2024 17:35

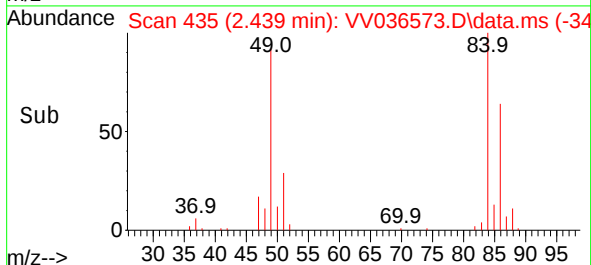
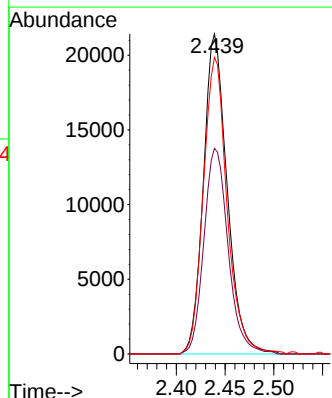
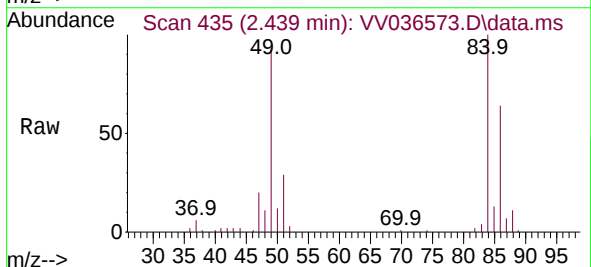
Tgt Ion: 84 Resp: 36277

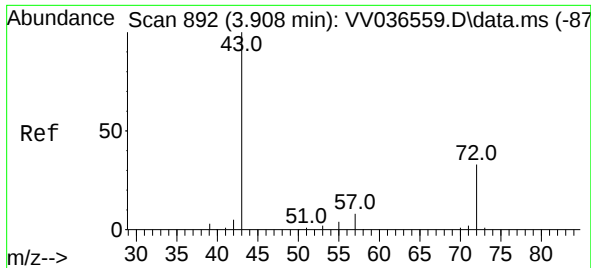
Ion Ratio Lower Upper

84 100

86 64.2 46.3 86.1

49 92.6 68.1 126.5

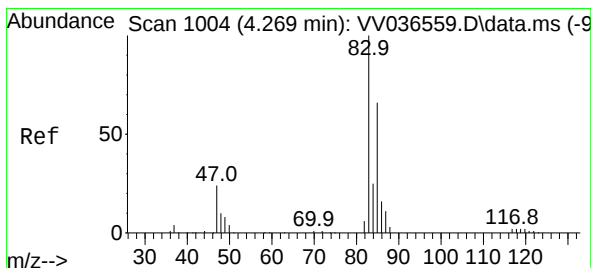
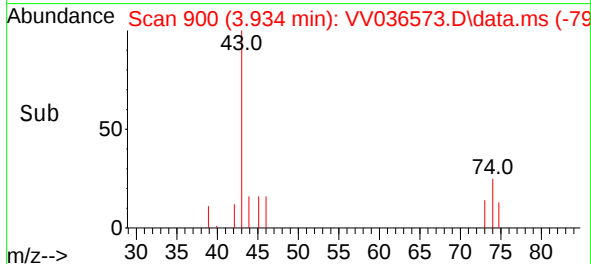
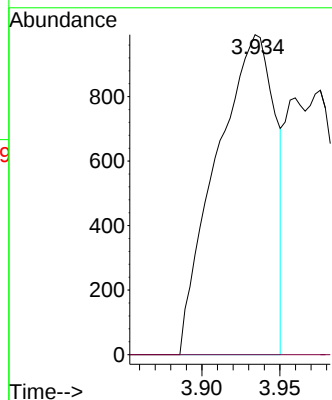
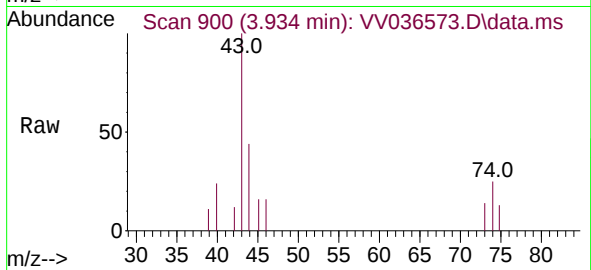




#22
2-Butanone
Concen: 4.271 ug/L
RT: 3.934 min Scan# 90
Delta R.T. 0.026 min
Lab File: VV036573.D
Acq: 16 Jul 2024 17:35

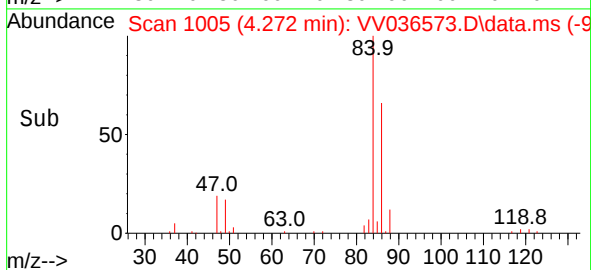
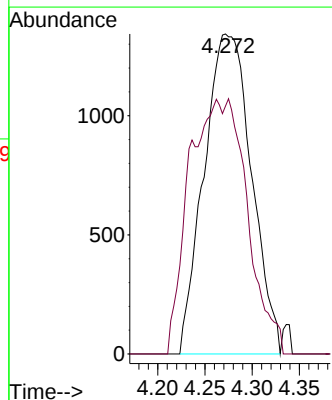
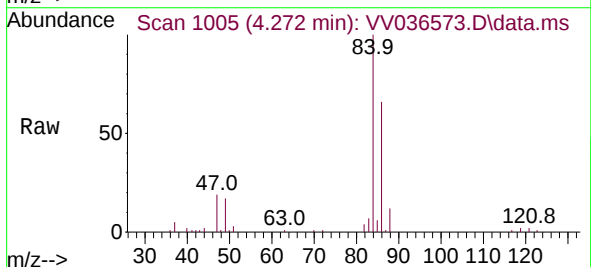
Instrument :
MSVOA_V
ClientSampleId :

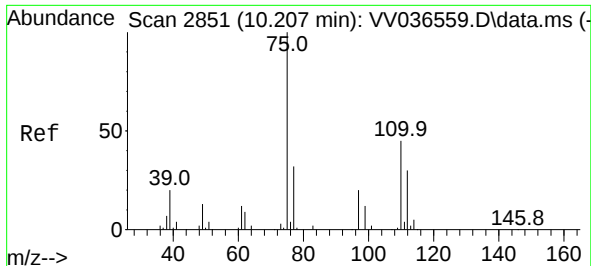
Tgt Ion: 43 Resp: 2593
Ion Ratio Lower Upper
43 100
72 0.0 5.9 17.6#



#25
Chloroform
Concen: 0.778 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036573.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 83 Resp: 4685
Ion Ratio Lower Upper
83 100
85 77.4 45.6 84.6





#61

1,2,3-Trichloropropane

Concen: 5.569 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.981 min

Lab File: VV036573.D

Acq: 16 Jul 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

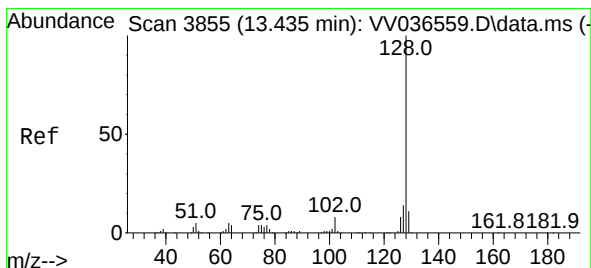
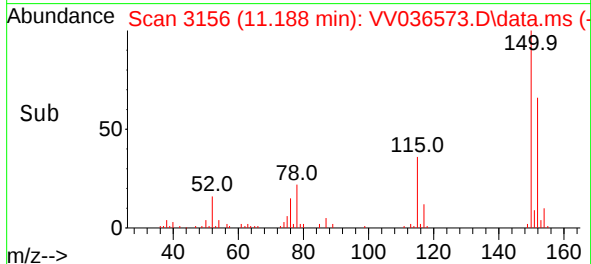
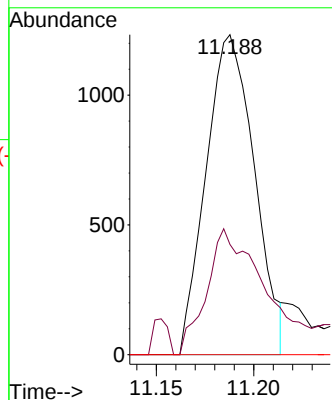
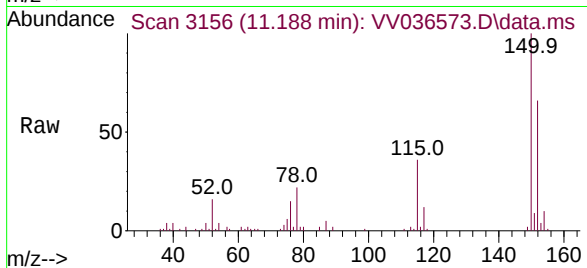
Tgt Ion: 75 Resp: 2128

Ion Ratio Lower Upper

75 100

77 23.7 25.6 38.4#

110 0.0 34.8 52.2#



#71

Naphthalene

Concen: 0.309 ug/L

RT: 13.461 min Scan# 3863

Delta R.T. 0.026 min

Lab File: VV036573.D

Acq: 16 Jul 2024 17:35

Tgt Ion: 128 Resp: 362

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.6 13.0#

