

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077177.D
 Acq On : 21 Sep 2023 13:37
 Operator : JC/SY
 Sample : 04527-07
 Misc : 5.57G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:31:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

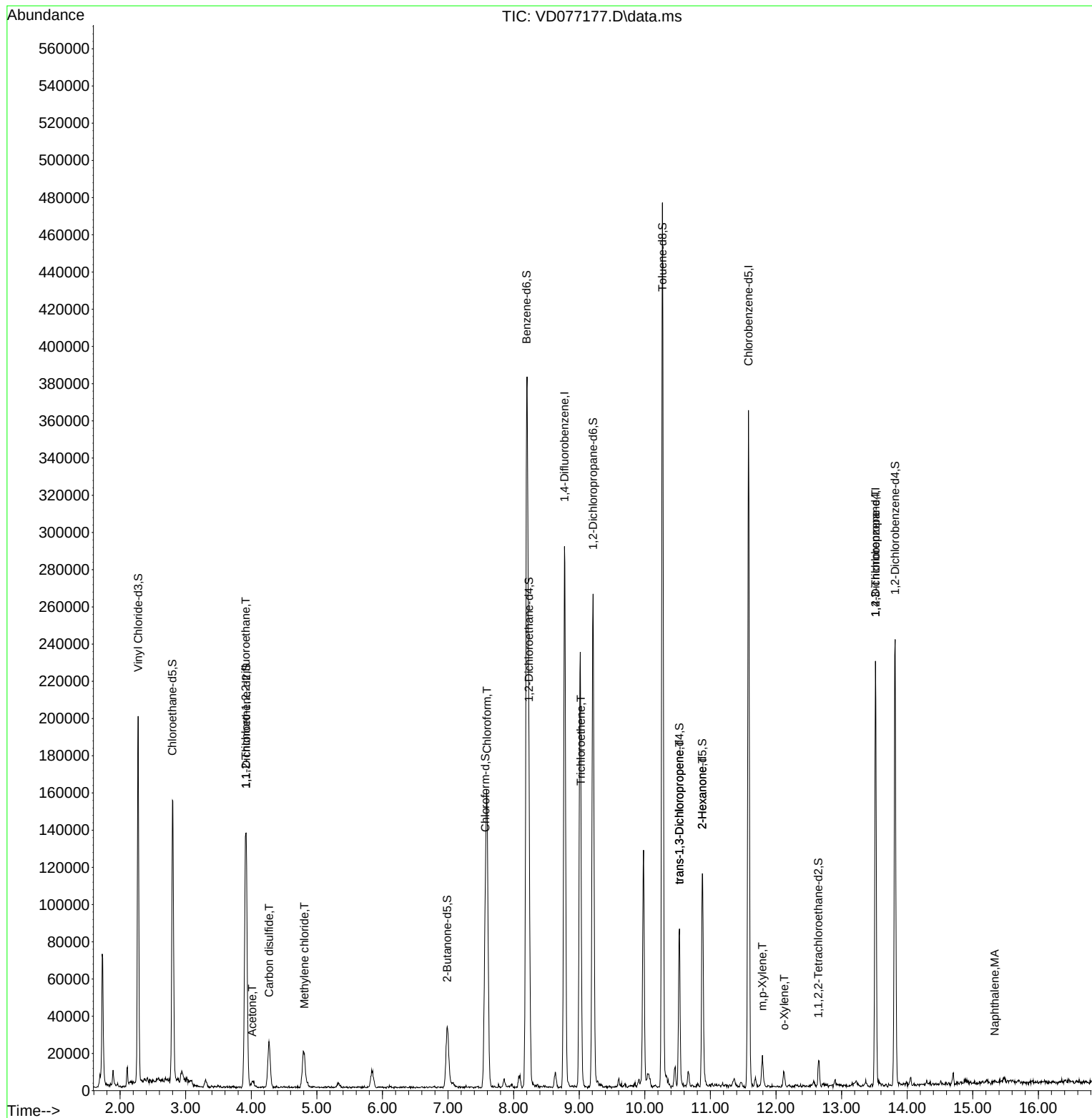
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	264074	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217137	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	62600	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	174957	26.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.560%	
7) Chloroethane-d5	2.799	69	158038	29.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.120%	
11) 1,1-Dichloroethene-d2	3.922	65	39847	26.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.840%	
21) 2-Butanone-d5	6.987	46	56602	69.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 138.100%#	
24) Chloroform-d	7.569	84	90369	12.506	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 50.040%	
26) 1,2-Dichloroethane-d4	8.234	65	114159	33.333	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 133.320%#	
32) Benzene-d6	8.199	84	421300	35.129	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 140.520%#	
36) 1,2-Dichloropropane-d6	9.210	67	137008	39.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 159.360%#	
41) Toluene-d8	10.269	98	329094	29.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 119.920%	
43) trans-1,3-Dichloroprop...	10.528	79	49189	31.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 125.560%	
47) 2-Hexanone-d5	10.875	63	38007	69.191	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 138.380%#	
56) 1,1,2,2-Tetrachloroeth...	12.645	84	7650	2.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 10.000%#	
66) 1,2-Dichlorobenzene-d4	13.816	152	66109	32.902	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 131.600%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1377	0.353	ug/L #	20
13) Acetone	4.017	43	3626	3.084	ug/L	80
14) Carbon disulfide	4.269	76	50341	4.385	ug/L	99
16) Methylene chloride	4.811	84	15717	2.924	ug/L	82
25) Chloroform	7.593	83	128743	17.711	ug/L	98
34) Trichloroethene	9.028	95	5623	1.626	ug/L	84
44) trans-1,3-Dichloropropene	10.528	75	2647	0.592	ug/L #	55
48) 2-Hexanone	10.875	43	5054	3.625	ug/L #	67
53) m,p-Xylene	11.793	106	4527	0.767	ug/L	97
54) o-Xylene	12.128	106	2377	0.417	ug/L	73
61) 1,2,3-Trichloropropane	13.516	75	7754	6.489	ug/L #	63
71) Naphthalene	15.334	128	1566	0.361	ug/L #	79

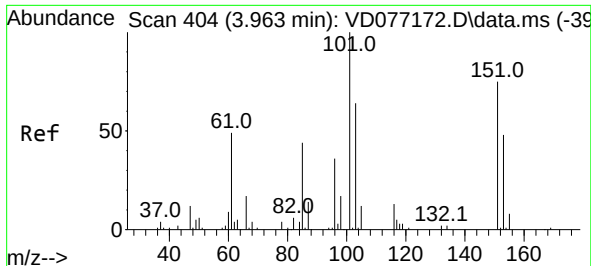
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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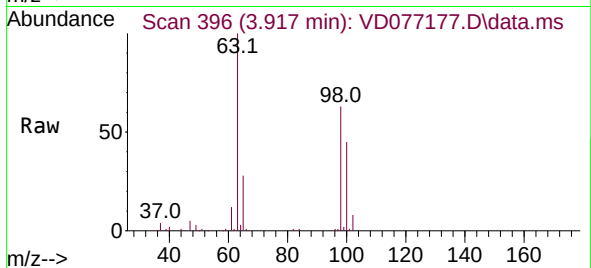
Quant Time: Sep 22 01:31:18 2023
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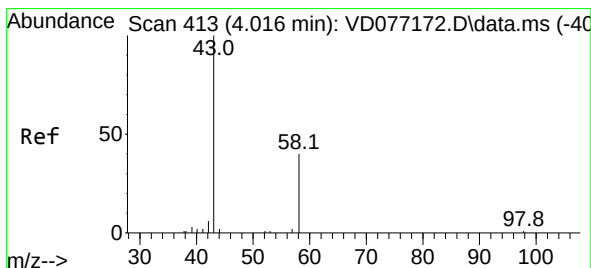
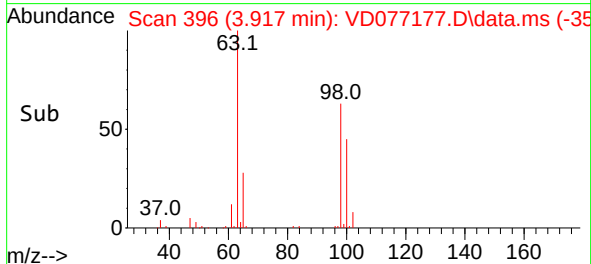
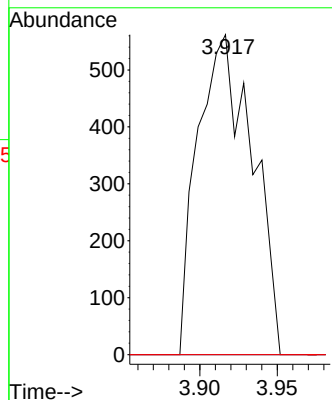


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.353 ug/L
 RT: 3.917 min Scan# 396
 Delta R.T. -0.047 min
 Lab File: VD077177.D
 Acq: 21 Sep 2023 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

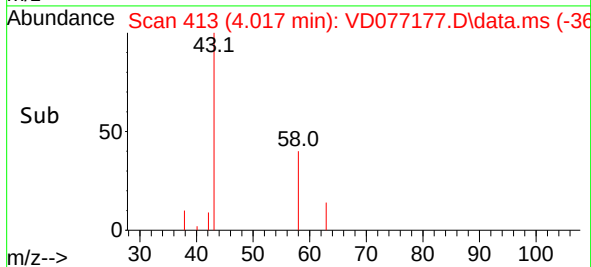
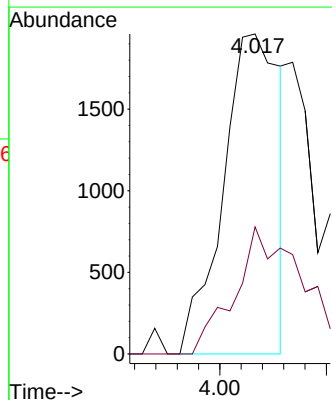
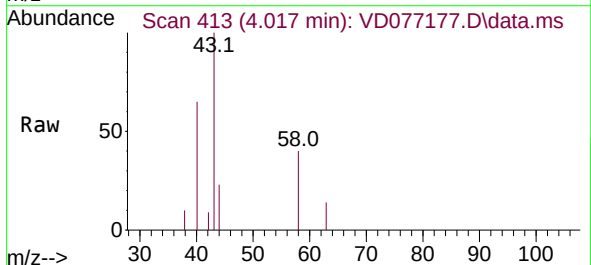


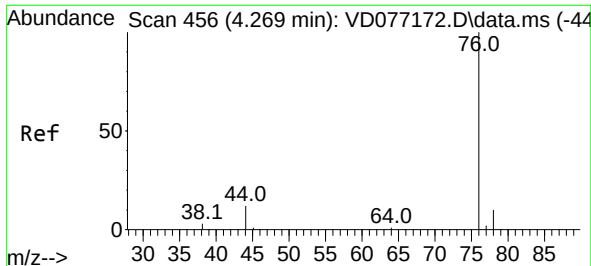
Tgt Ion:101 Resp: 1377
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.4 50.2#
 151 0.0 59.6 89.4#



#13
 Acetone
 Concen: 3.084 ug/L
 RT: 4.017 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VD077177.D
 Acq: 21 Sep 2023 13:37

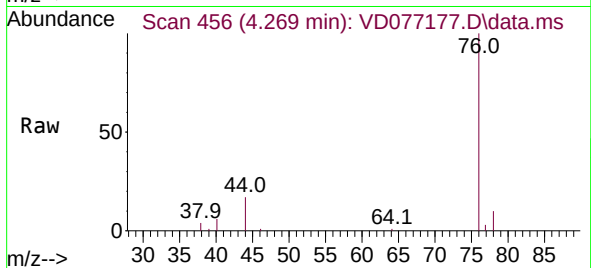
Tgt Ion: 43 Resp: 3626
 Ion Ratio Lower Upper
 43 100
 58 24.4 0.0 71.8



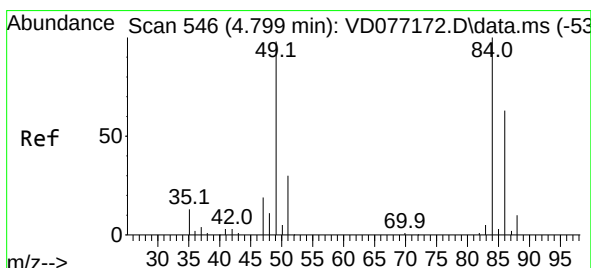
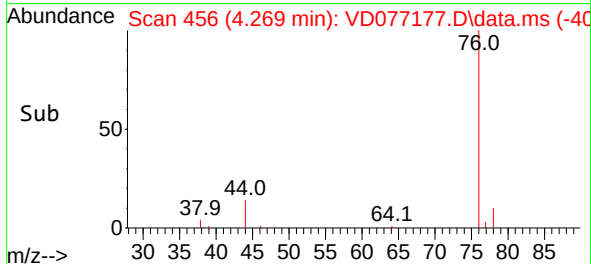
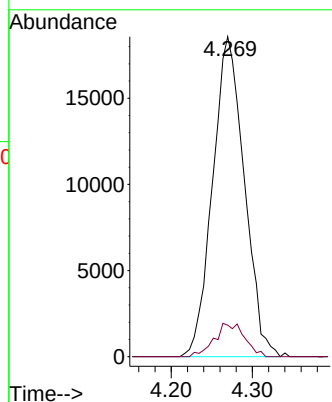


#14
Carbon disulfide
Concen: 4.385 ug/L
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

Instrument :
MSVOA_D
ClientSampleId :

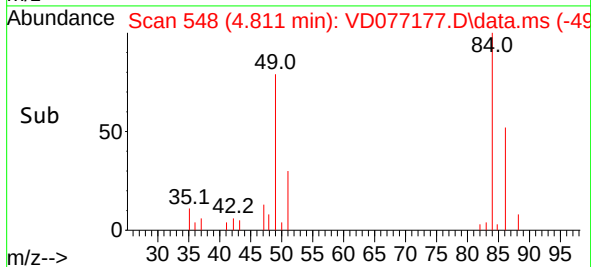
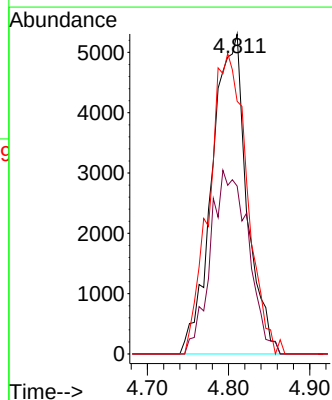
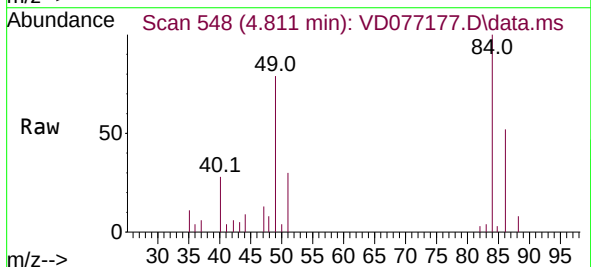


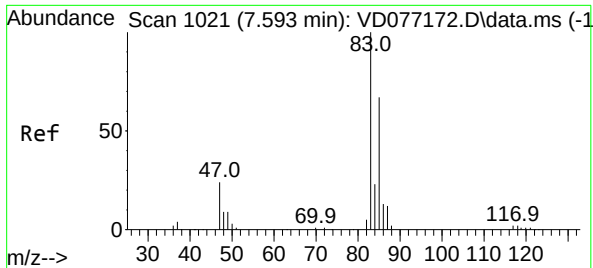
Tgt Ion: 76 Resp: 50341
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#16
Methylene chloride
Concen: 2.924 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.012 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

Tgt Ion: 84 Resp: 15717
Ion Ratio Lower Upper
84 100
86 52.5 45.3 84.1
49 79.0 69.2 128.6





#25

Chloroform

Concen: 17.711 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077177.D

Acq: 21 Sep 2023 13:37

Instrument :

MSVOA_D

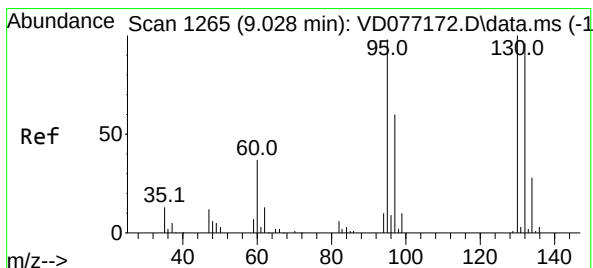
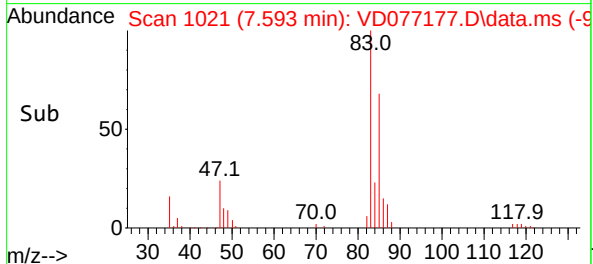
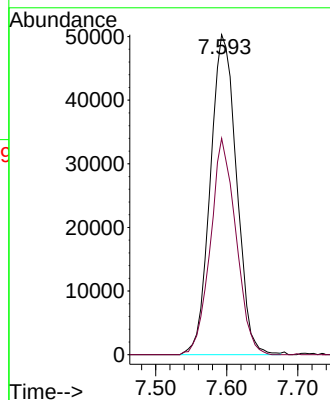
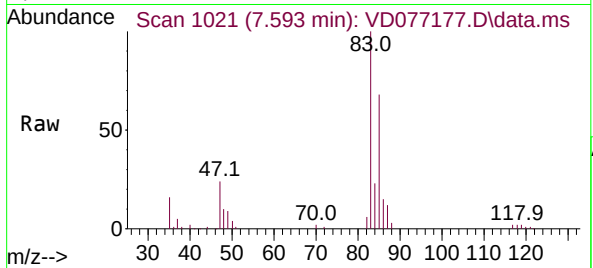
ClientSampleId :

Tgt Ion: 83 Resp: 128743

Ion Ratio Lower Upper

83 100

85 67.6 46.2 85.8



#34

Trichloroethene

Concen: 1.626 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077177.D

Acq: 21 Sep 2023 13:37

Tgt Ion: 95 Resp: 5623

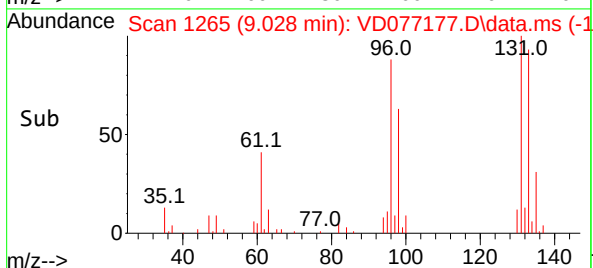
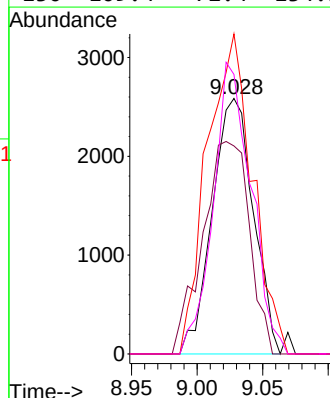
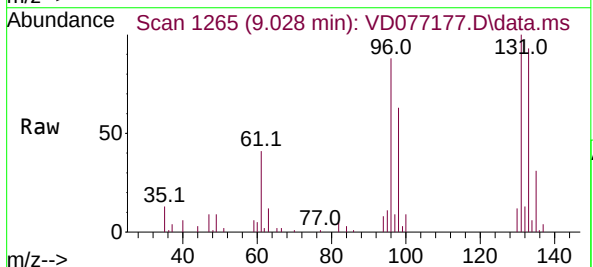
Ion Ratio Lower Upper

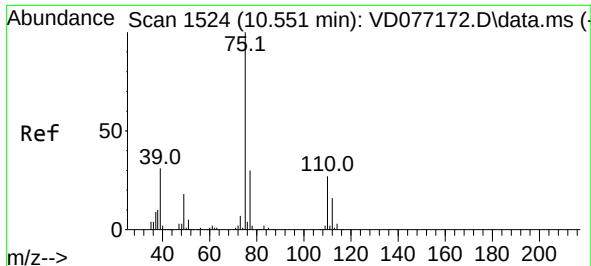
95 100

97 81.4 46.4 86.2

132 125.3 70.1 130.1

130 109.4 72.4 134.5

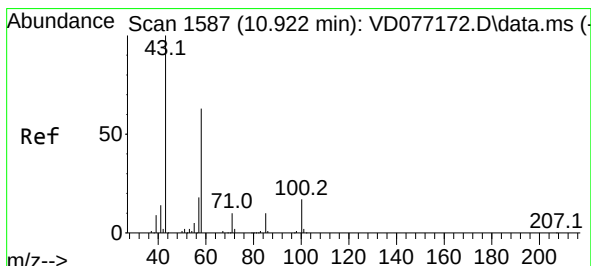
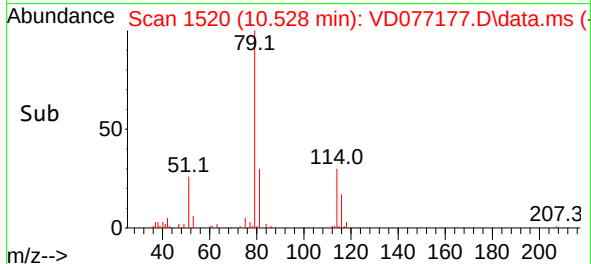
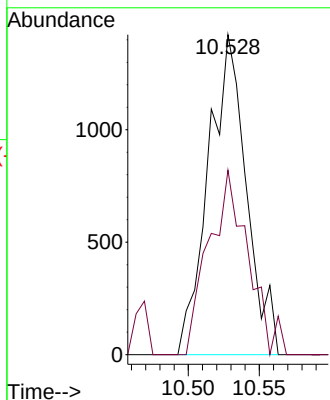
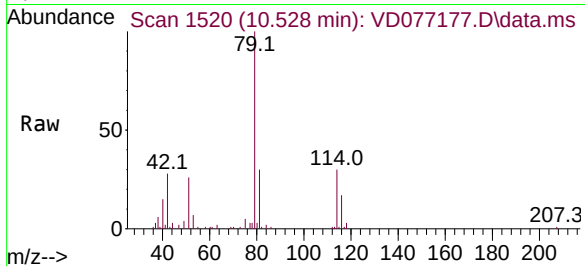




#44
trans-1,3-Dichloropropene
Concen: 0.592 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

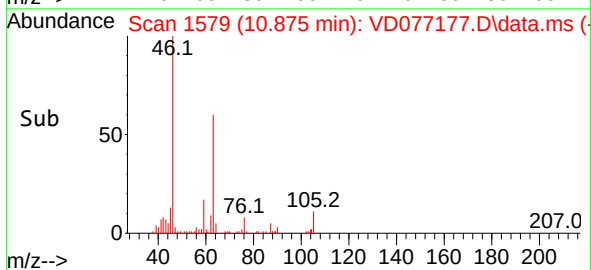
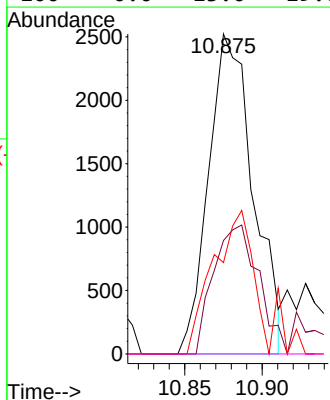
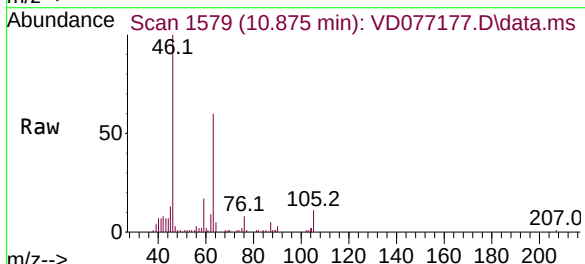
Instrument :
MSVOA_D
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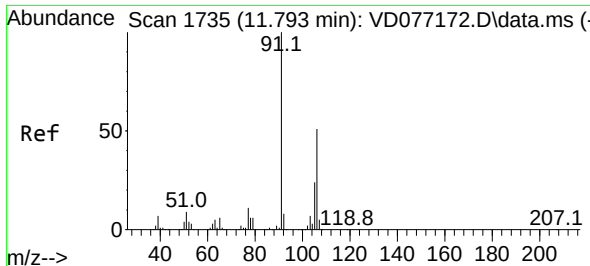
Tgt Ion: 75 Resp: 2647
Ion Ratio Lower Upper
75 100
77 57.6 22.5 41.9#



#48
2-Hexanone
Concen: 3.625 ug/L
RT: 10.875 min Scan# 1579
Delta R.T. -0.047 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

Tgt Ion: 43 Resp: 5054
Ion Ratio Lower Upper
43 100
58 40.4 50.6 75.8#
57 39.7 16.6 24.8#
100 0.0 13.0 19.6#

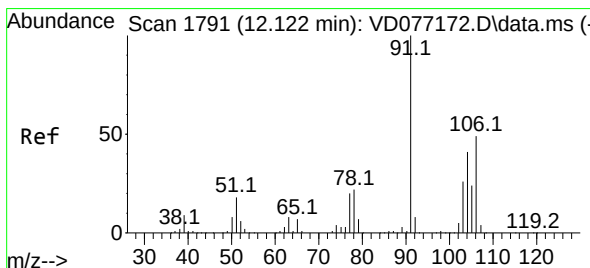
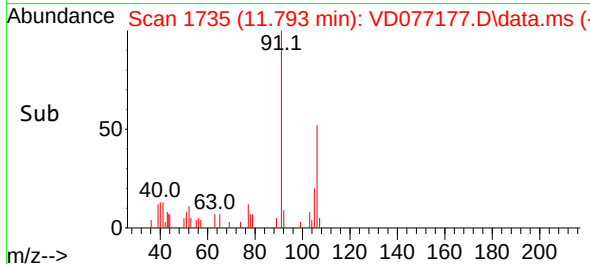
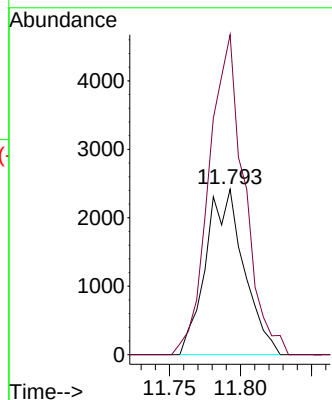
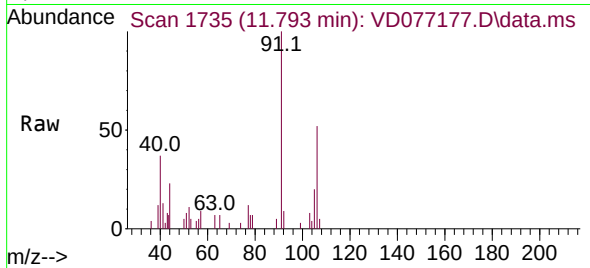




#53
m,p-Xylene
Concen: 0.767 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

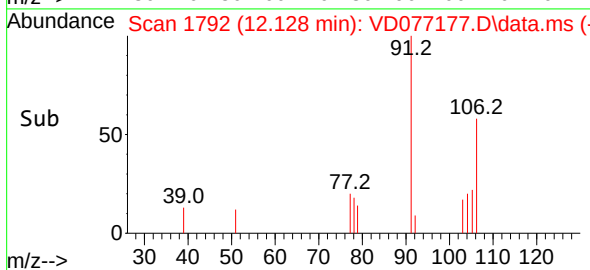
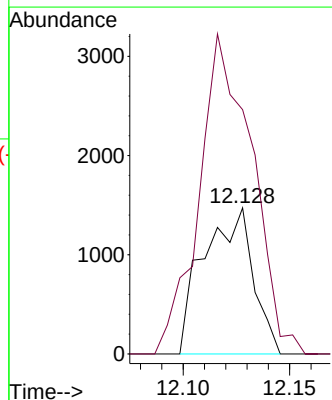
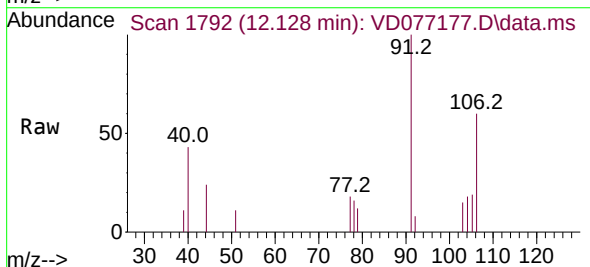
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MSVOA_D
ClientSampleId :

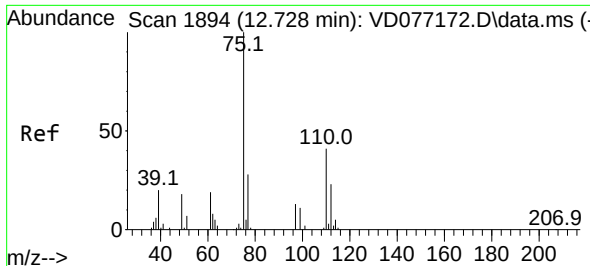
Tgt Ion:106 Resp: 4527
Ion Ratio Lower Upper
106 100
91 193.5 138.2 256.6



#54
o-Xylene
Concen: 0.417 ug/L
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

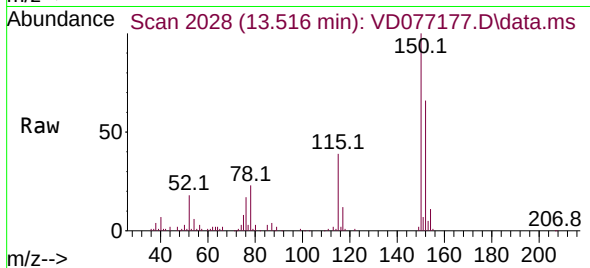
Tgt Ion:106 Resp: 2377
Ion Ratio Lower Upper
106 100
91 167.3 146.9 272.7



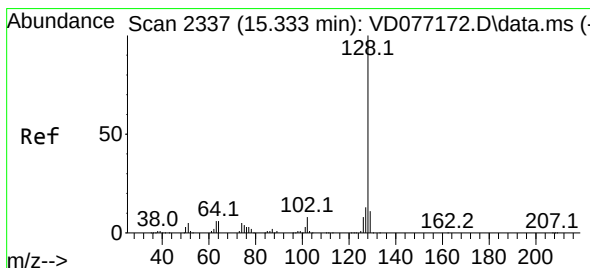
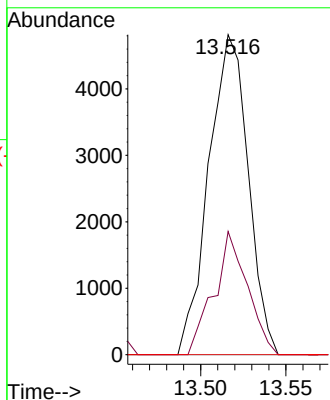
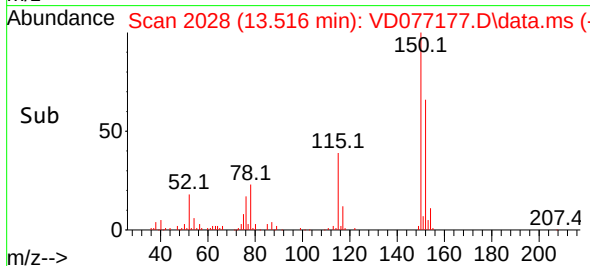


#61
1,2,3-Trichloropropane
Concen: 6.489 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37

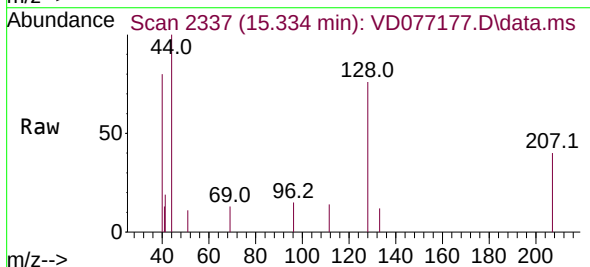
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 7754
Ion Ratio Lower Upper
75 100
77 32.8 26.6 40.0
110 0.0 33.6 50.4#



#71
Naphthalene
Concen: 0.361 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077177.D
Acq: 21 Sep 2023 13:37



Tgt Ion: 128 Resp: 1566
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 8.2 8.6 13.0#

