

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077875.D
 Acq On : 14 Dec 2023 11:37
 Operator : RP/MD
 Sample : 05788-06
 Misc : 2.62G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:12:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

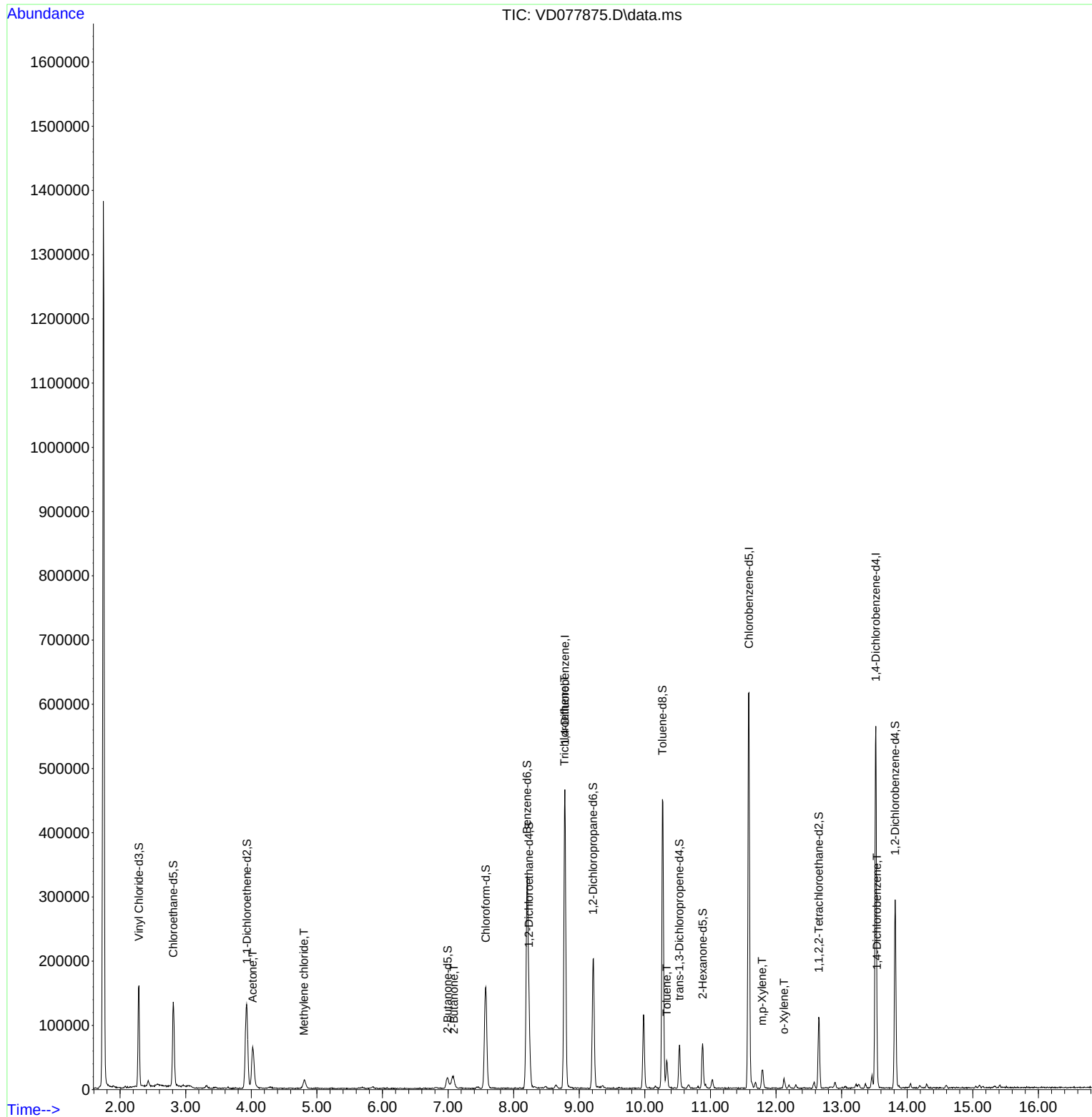
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	414513	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	365548	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	150441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	148264	13.116	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	52.480%	
7) Chloroethane-d5	2.811	69	134474	14.925	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	59.680%	
11) 1,1-Dichloroethene-d2	3.934	65	38278	13.060	ug/L	0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	52.240%	
21) 2-Butanone-d5	6.993	46	30009	21.005	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	42.020%	
24) Chloroform-d	7.575	84	170154	15.231	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	60.920%	
26) 1,2-Dichloroethane-d4	8.234	65	75096	13.267	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	53.080%#	
32) Benzene-d6	8.204	84	351680	15.974	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	63.880%	
36) 1,2-Dichloropropane-d6	9.210	67	103378	15.390	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	61.560%#	
41) Toluene-d8	10.269	98	318654	15.725	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	62.880%	
43) trans-1,3-Dichloroprop...	10.528	79	39001	13.130	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	52.520%	
47) 2-Hexanone-d5	10.881	63	26007	22.468	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	44.940%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	58691	12.091	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	48.360%	
66) 1,2-Dichlorobenzene-d4	13.816	152	80238	14.909	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	59.640%#	
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	109967	60.076	ug/L	98
16) Methylene chloride	4.805	84	9077	1.233	ug/L	93
22) 2-Butanone	7.087	43	13979	6.785	ug/L #	76
34) Trichloroethene	8.775	95	11190	1.895	ug/L #	5
42) Toluene	10.334	91	32209	1.275	ug/L	85
53) m,p-Xylene	11.787	106	4868	0.460	ug/L	99
54) o-Xylene	12.122	106	3617	0.357	ug/L	60
65) 1,4-Dichlorobenzene	13.539	146	4932	0.489	ug/L	96

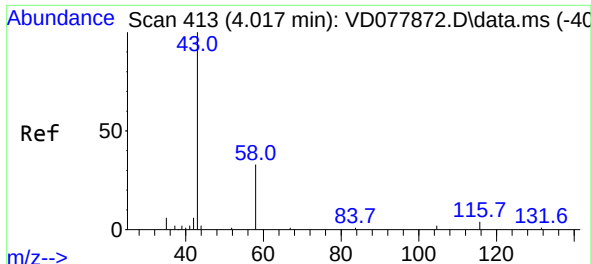
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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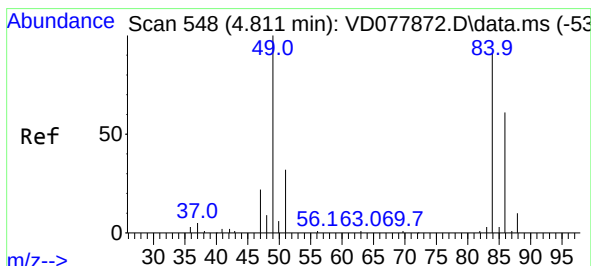
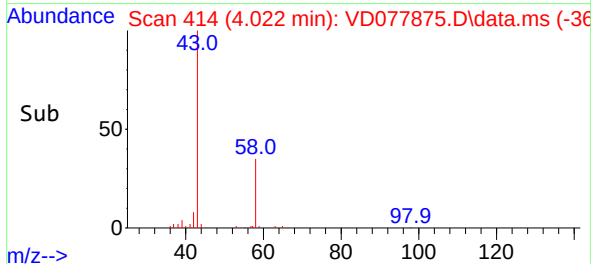
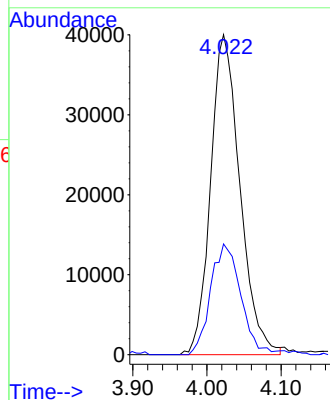
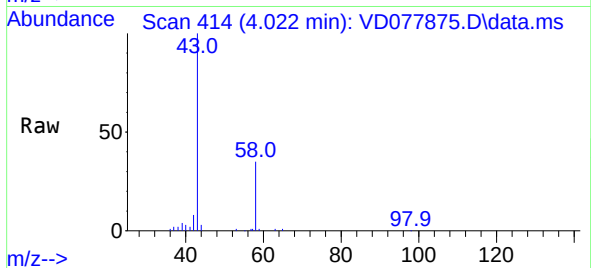




#13
Acetone
Concen: 60.076 ug/L
RT: 4.022 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077875.D
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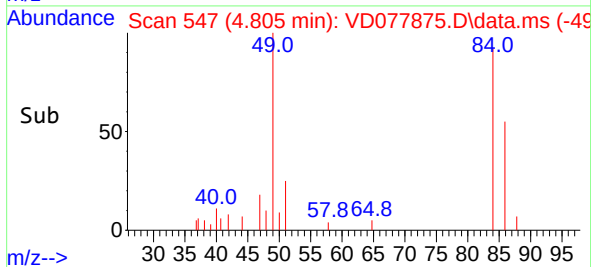
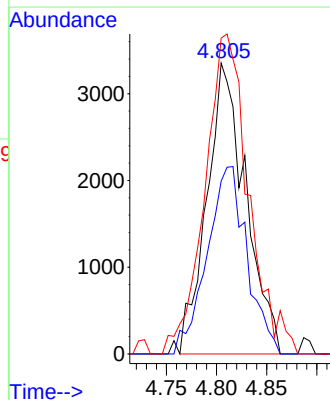
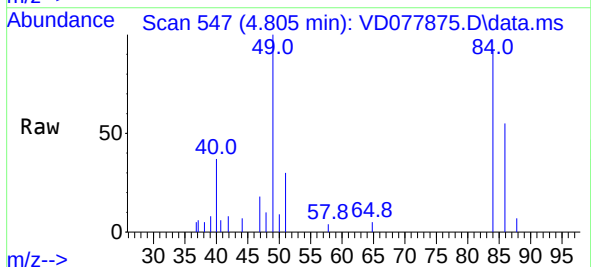
Instrument :
MSVOA_D
ClientSampleId :

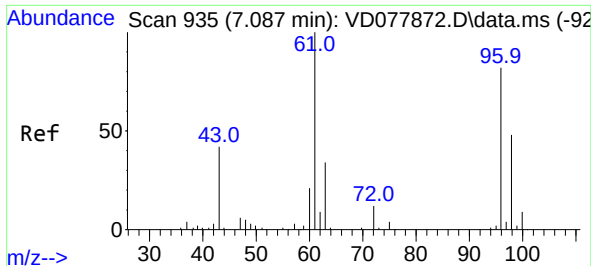
Tgt Ion: 43 Resp: 109967
Ion Ratio Lower Upper
43 100
58 34.7 0.0 67.2



#16
Methylene chloride
Concen: 1.233 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

Tgt Ion: 84 Resp: 9077
Ion Ratio Lower Upper
84 100
86 59.4 40.1 74.5
49 108.6 83.2 154.6

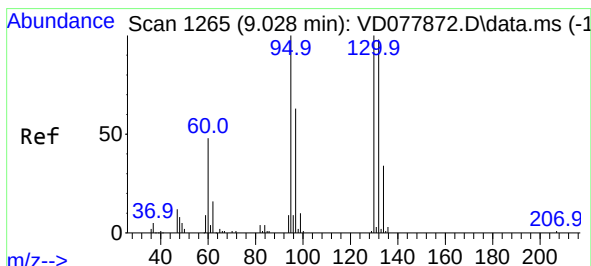
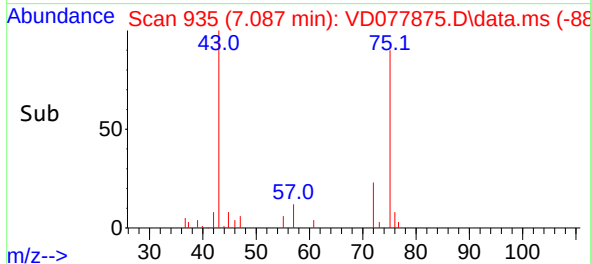
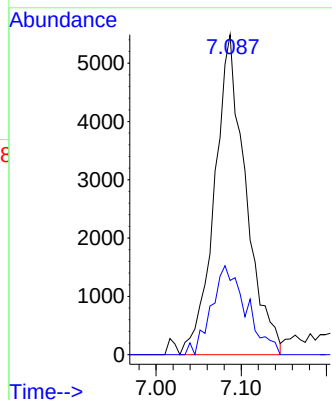
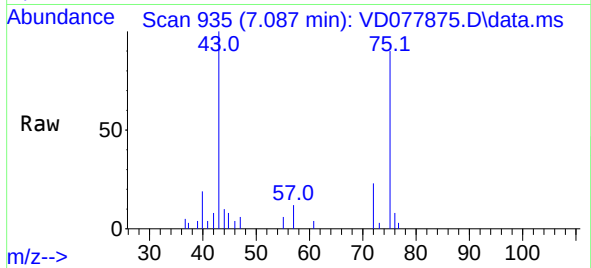




#22
2-Butanone
Concen: 6.785 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

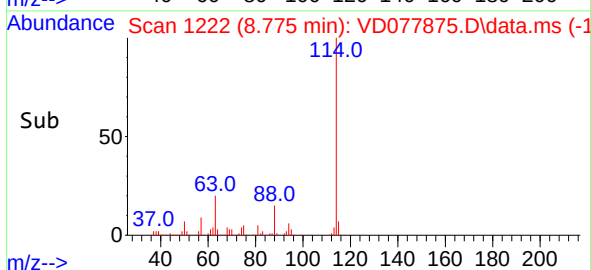
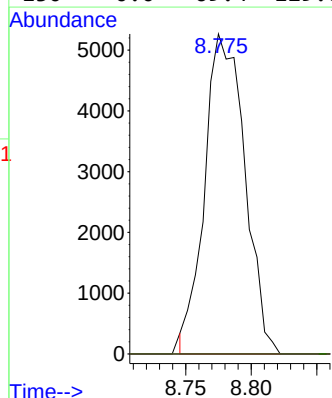
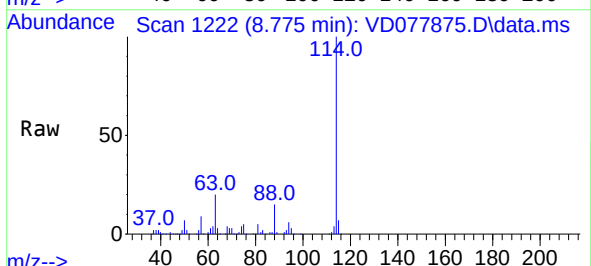
Instrument :
MSVOA_D
ClientSampleId :

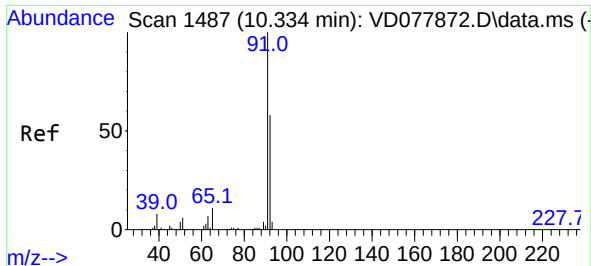
Tgt Ion: 43 Resp: 13979
Ion Ratio Lower Upper
43 100
72 24.4 7.2 21.6#



#34
Trichloroethene
Concen: 1.895 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.259 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

Tgt Ion: 95 Resp: 11190
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#

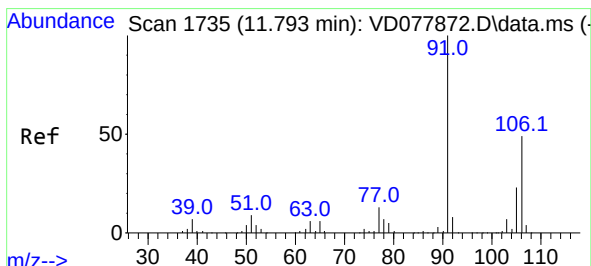
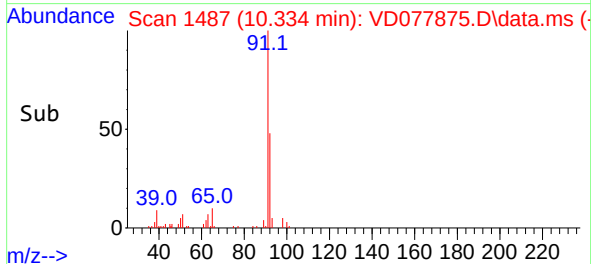
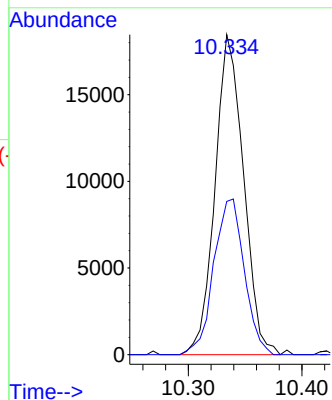
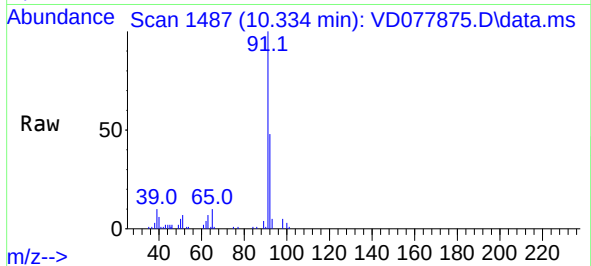




#42
Toluene
Concen: 1.275 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

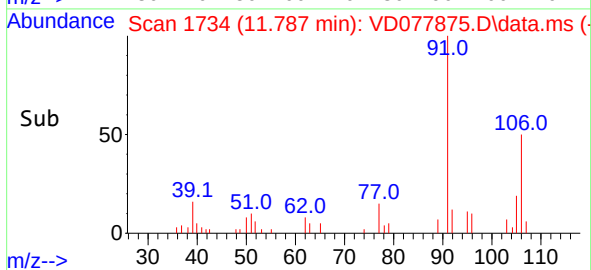
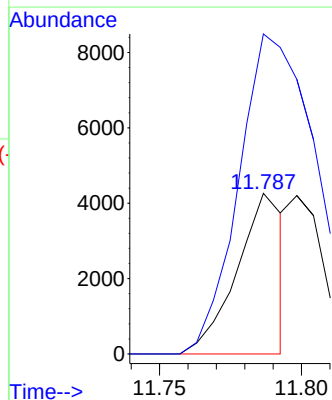
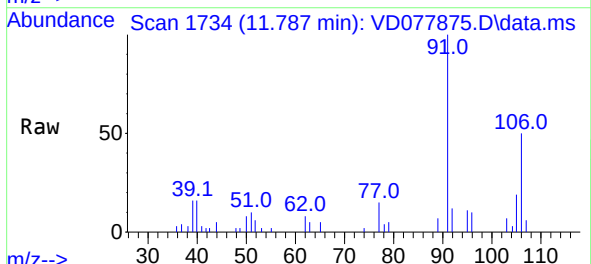
Instrument :
MSVOA_D
ClientSampleId :

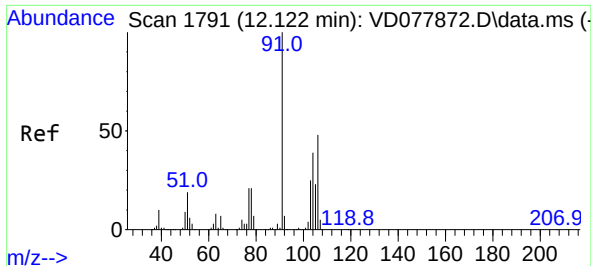
Tgt Ion: 91 Resp: 32209
Ion Ratio Lower Upper
91 100
92 47.9 41.6 77.3



#53
m,p-Xylene
Concen: 0.460 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077875.D
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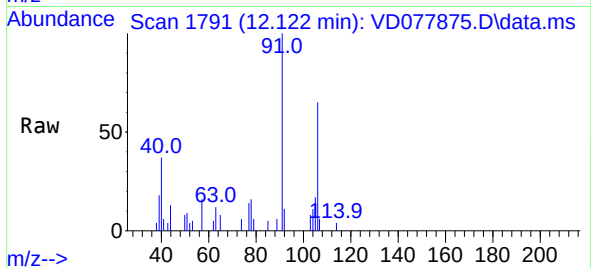
Tgt Ion: 106 Resp: 4868
Ion Ratio Lower Upper
106 100
91 199.3 140.8 261.6



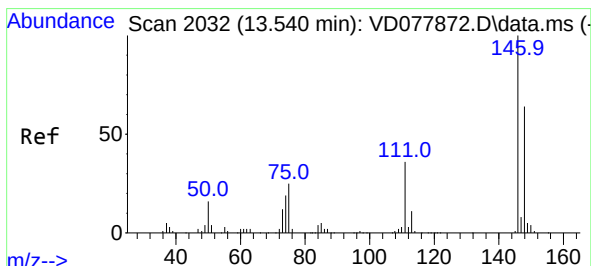
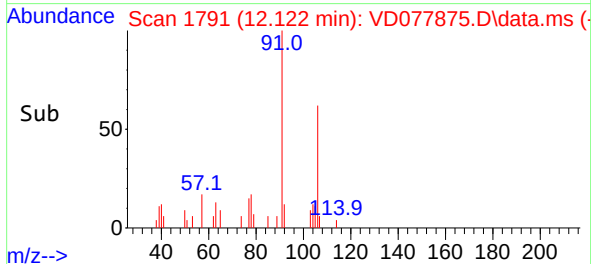
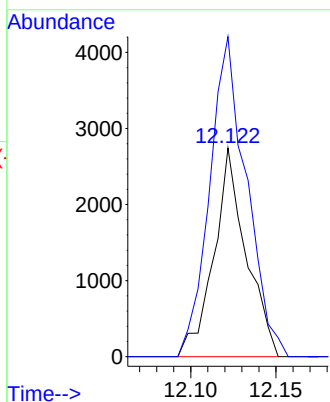


#54
o-Xylene
Concen: 0.357 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077875.D
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Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:106 Resp: 3617
Ion Ratio Lower Upper
106 100
91 153.4 152.2 282.7



#65
1,4-Dichlorobenzene
Concen: 0.489 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

Tgt Ion:146 Resp: 4932
Ion Ratio Lower Upper
146 100
111 42.1 26.4 49.0
148 64.7 44.0 81.8

