

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076687.D
 Acq On : 03 Jul 2023 12:52
 Operator : KP/SY
 Sample : 03444-23
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4657

Quant Time: Jul 04 01:10:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

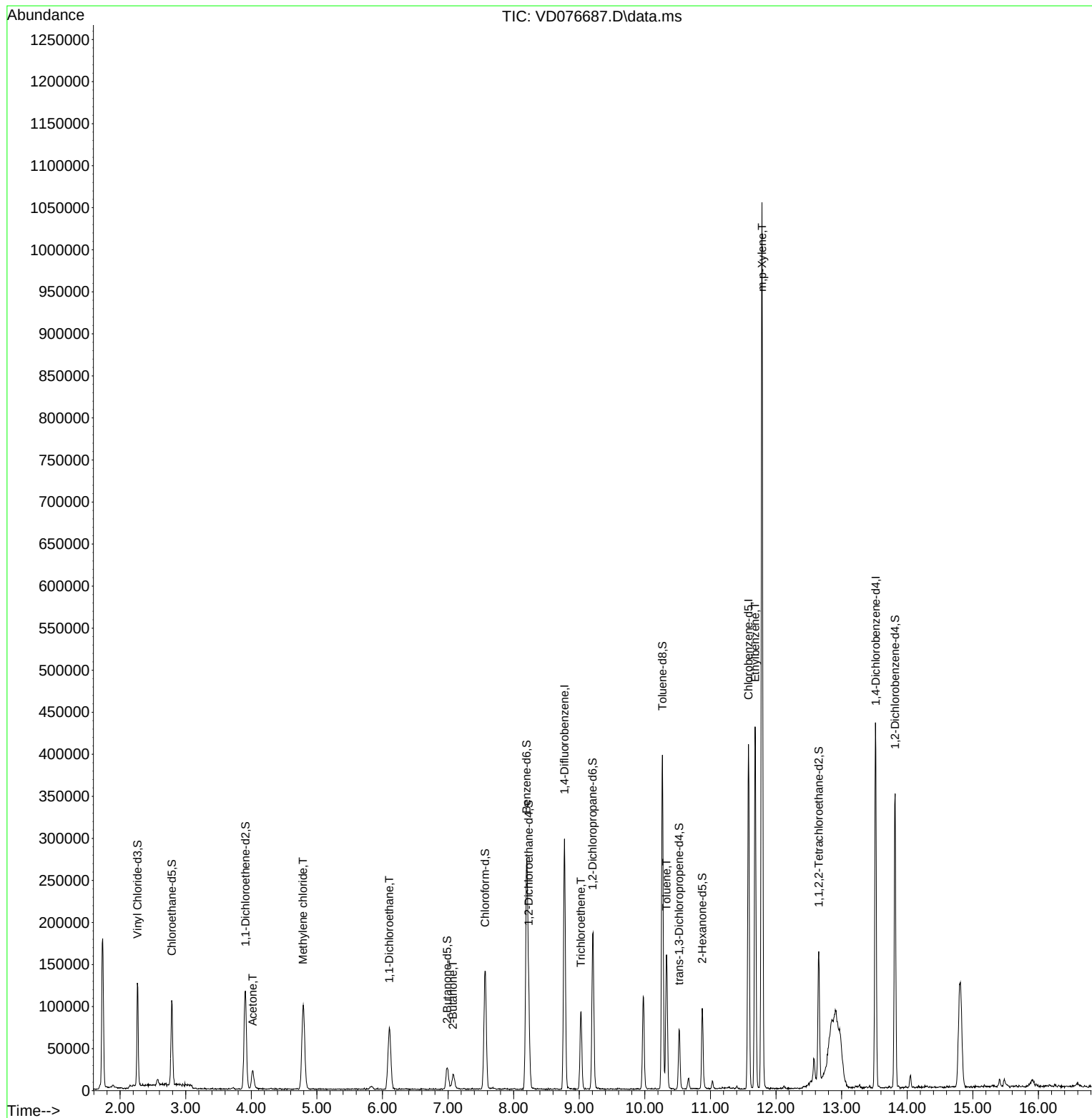
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	255699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	226863	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	111630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	108467	17.419	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.680%		
7) Chloroethane-d5	2.787	69	96353	19.136	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.560%		
11) 1,1-Dichloroethene-d2	3.911	65	33652	20.703	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.800%		
21) 2-Butanone-d5	6.987	46	46129	48.914	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.820%		
24) Chloroform-d	7.563	84	148387	22.027	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.120%		
26) 1,2-Dichloroethane-d4	8.228	65	81737	24.595	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.360%		
32) Benzene-d6	8.199	84	286183	20.622	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.480%		
36) 1,2-Dichloropropane-d6	9.204	67	87310	19.710	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.840%		
41) Toluene-d8	10.269	98	267013	20.779	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.120%		
43) trans-1,3-Dichloroprop...	10.522	79	39292	21.326	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.320%		
47) 2-Hexanone-d5	10.875	63	33529	48.761	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.520%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77087	24.460	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.840%		
66) 1,2-Dichlorobenzene-d4	13.816	152	89983	21.992	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.960%		
Target Compounds					Qvalue	
13) Acetone	4.022	43	38020	49.914	ug/L	69
16) Methylene chloride	4.787	84	73545	16.548	ug/L	83
19) 1,1-Dichloroethane	6.105	63	104629	15.468	ug/L	92
22) 2-Butanone	7.075	43	20711	16.849	ug/L	97
34) Trichloroethene	9.028	95	31716	8.223	ug/L	99
42) Toluene	10.328	91	125103	7.797	ug/L	92
52) Ethylbenzene	11.681	91	306114	17.700	ug/L	99
53) m,p-Xylene	11.787	106	282050	41.500	ug/L	97

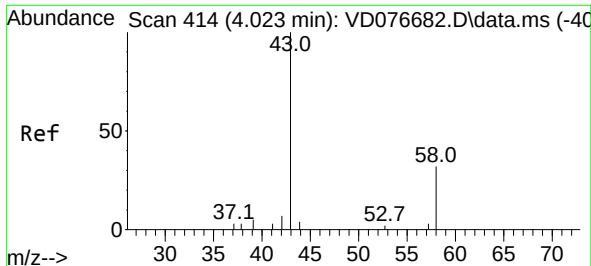
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#13

Acetone

Concen: 49.914 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076687.D

Acq: 03 Jul 2023 12:52

Instrument :

MSVOA_D

ClientSampleId :

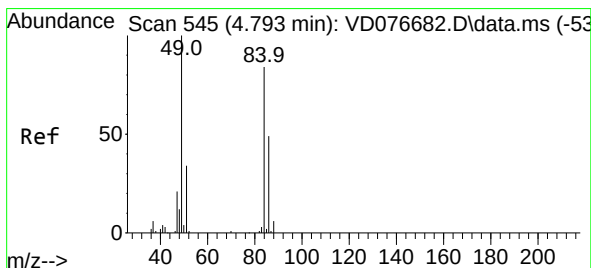
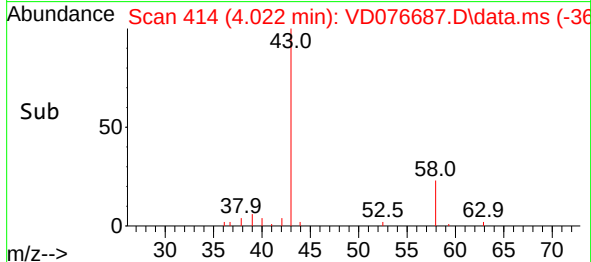
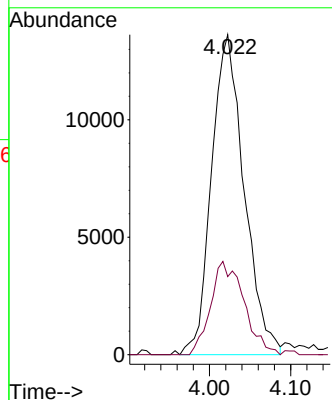
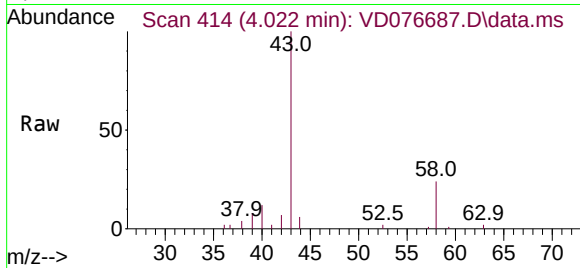
A4657

Tgt Ion: 43 Resp: 38020

Ion Ratio Lower Upper

43 100

58 16.0 0.0 67.4



#16

Methylene chloride

Concen: 16.548 ug/L

RT: 4.787 min Scan# 544

Delta R.T. -0.000 min

Lab File: VD076687.D

Acq: 03 Jul 2023 12:52

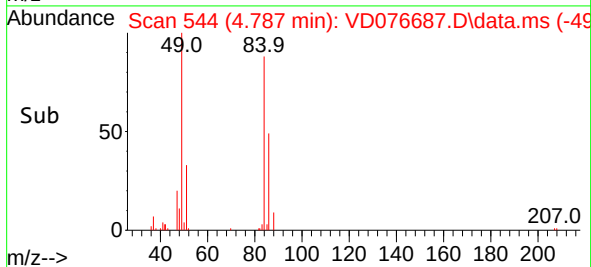
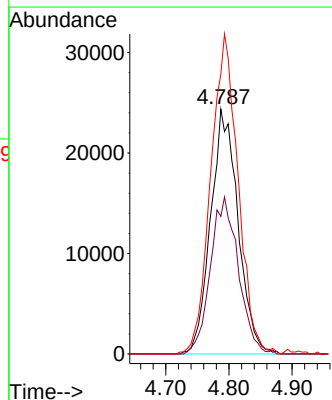
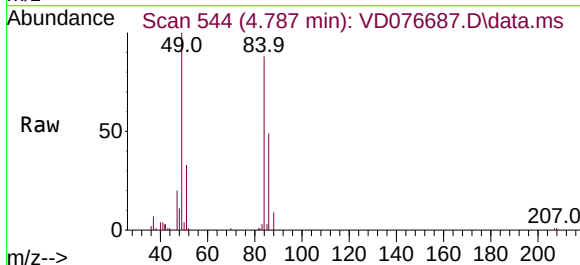
Tgt Ion: 84 Resp: 73545

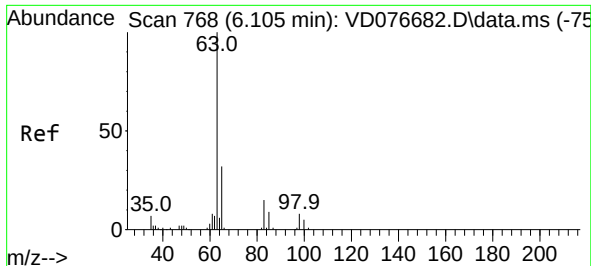
Ion Ratio Lower Upper

84 100

86 56.2 45.1 83.9

49 114.2 97.2 180.6





#19

1,1-Dichloroethane

Concen: 15.468 ug/L

RT: 6.105 min Scan# 768

Delta R.T. -0.000 min

Lab File: VD076687.D

Acq: 03 Jul 2023 12:52

Instrument :

MSVOA_D

ClientSampleId :

A4657

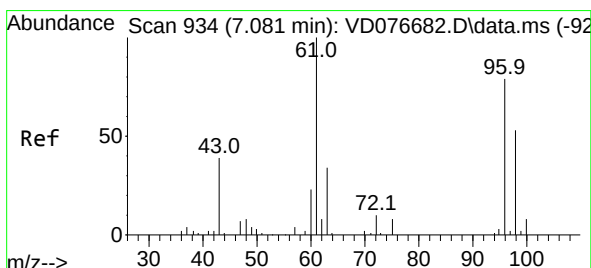
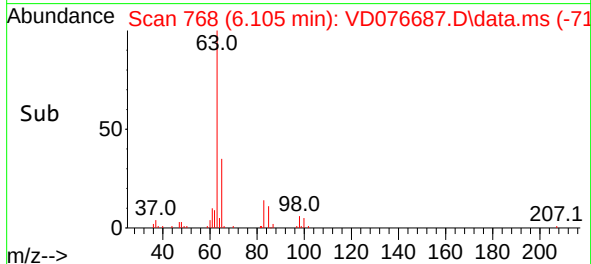
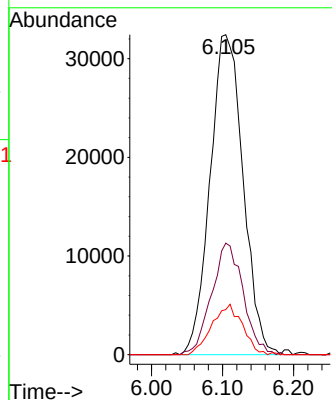
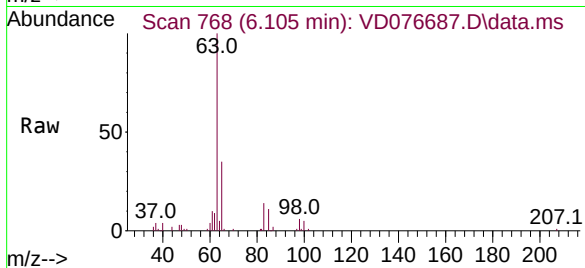
Tgt Ion: 63 Resp: 104629

Ion Ratio Lower Upper

63 100

65 34.8 20.8 38.6

83 14.1 8.9 16.5



#22

2-Butanone

Concen: 16.849 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD076687.D

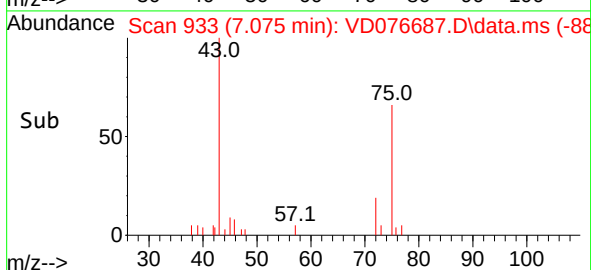
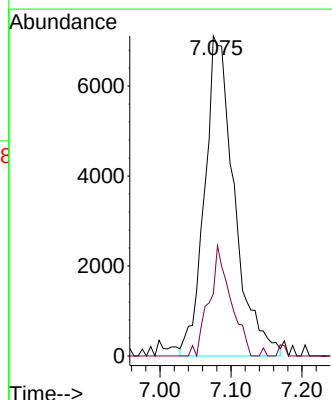
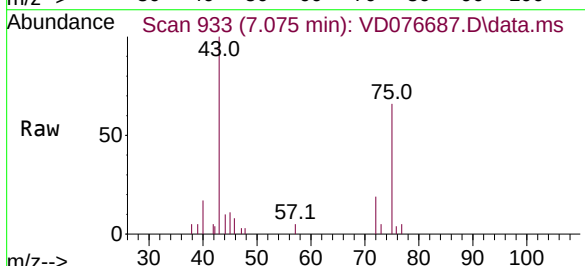
Acq: 03 Jul 2023 12:52

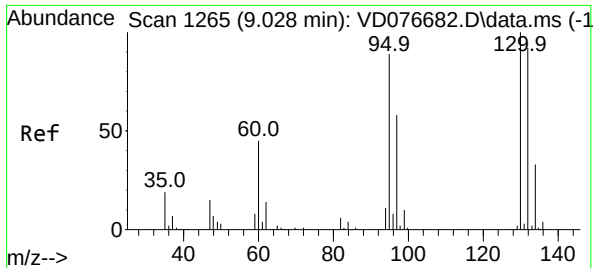
Tgt Ion: 43 Resp: 20711

Ion Ratio Lower Upper

43 100

72 24.5 12.9 38.7



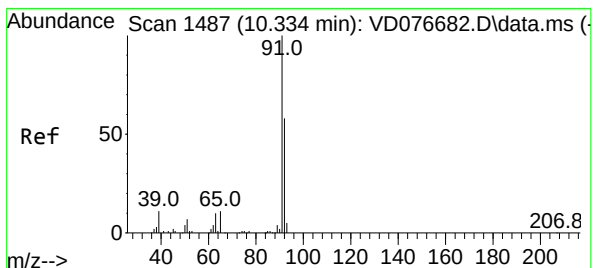
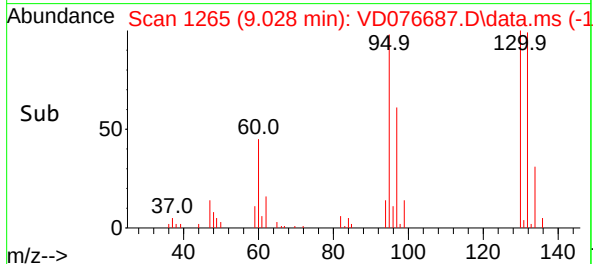
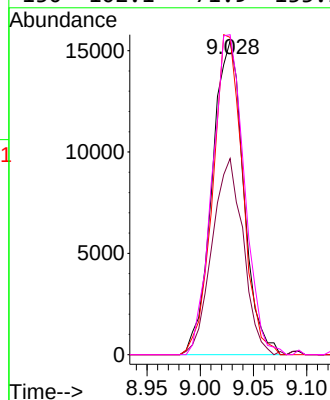
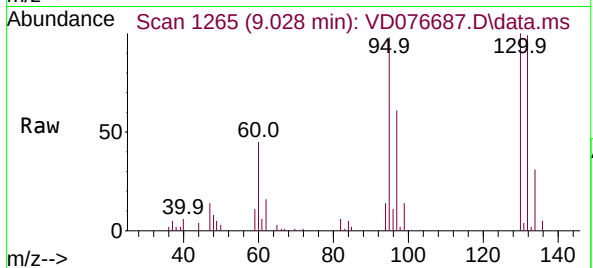


#34
 Trichloroethene
 Concen: 8.223 ug/L
 RT: 9.028 min Scan# 1265
 Delta R.T. -0.000 min
 Lab File: VD076687.D
 Acq: 03 Jul 2023 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 A4657

Tgt Ion: 95 Resp: 31716

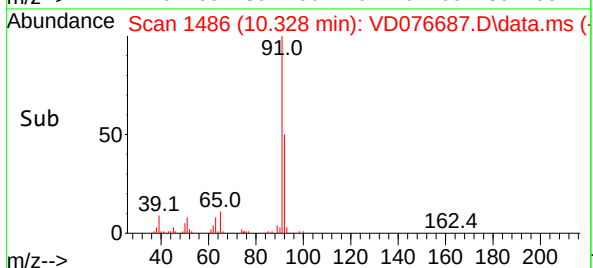
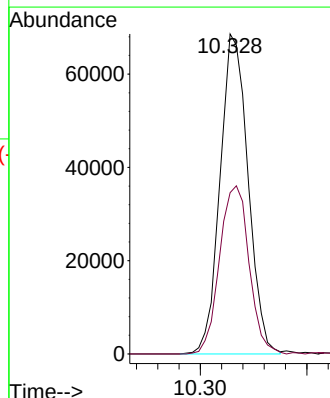
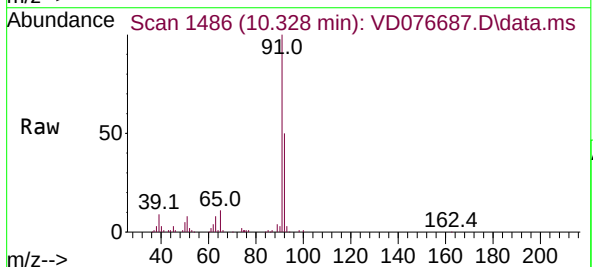
Ion	Ratio	Lower	Upper
95	100		
97	62.6	43.1	80.1
132	101.2	71.8	133.4
130	102.1	71.9	133.5

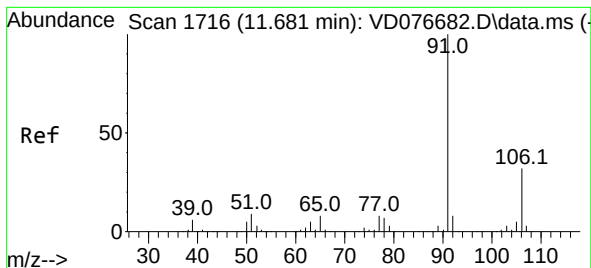


#42
 Toluene
 Concen: 7.797 ug/L
 RT: 10.328 min Scan# 1486
 Delta R.T. -0.006 min
 Lab File: VD076687.D
 Acq: 03 Jul 2023 12:52

Tgt Ion: 91 Resp: 125103

Ion	Ratio	Lower	Upper
91	100		
92	50.4	39.3	73.1

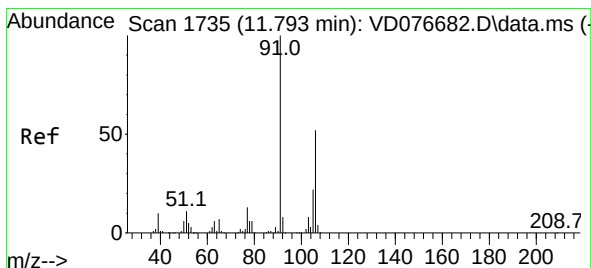
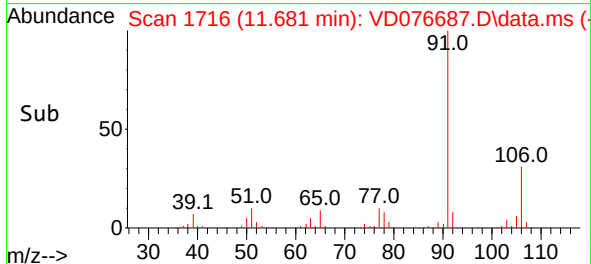
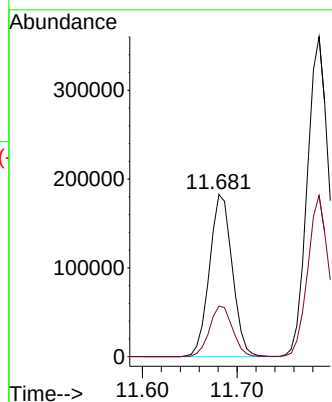
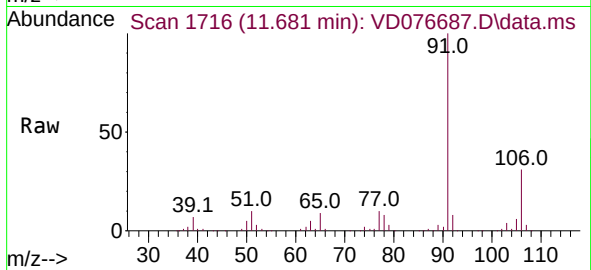




#52
Ethylbenzene
Concen: 17.700 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076687.D
Acq: 03 Jul 2023 12:52

Instrument :
MSVOA_D
ClientSampleId :
A4657

Tgt Ion: 91 Resp: 306114
Ion Ratio Lower Upper
91 100
106 31.2 22.4 41.6



#53
m,p-Xylene
Concen: 41.500 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD076687.D
Acq: 03 Jul 2023 12:52

Tgt Ion: 106 Resp: 282050
Ion Ratio Lower Upper
106 100
91 198.3 141.5 262.9

