

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076687.D
 Acq On : 03 Jul 2023 12:52
 Operator : KP/SY
 Sample : 03444-24
 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)

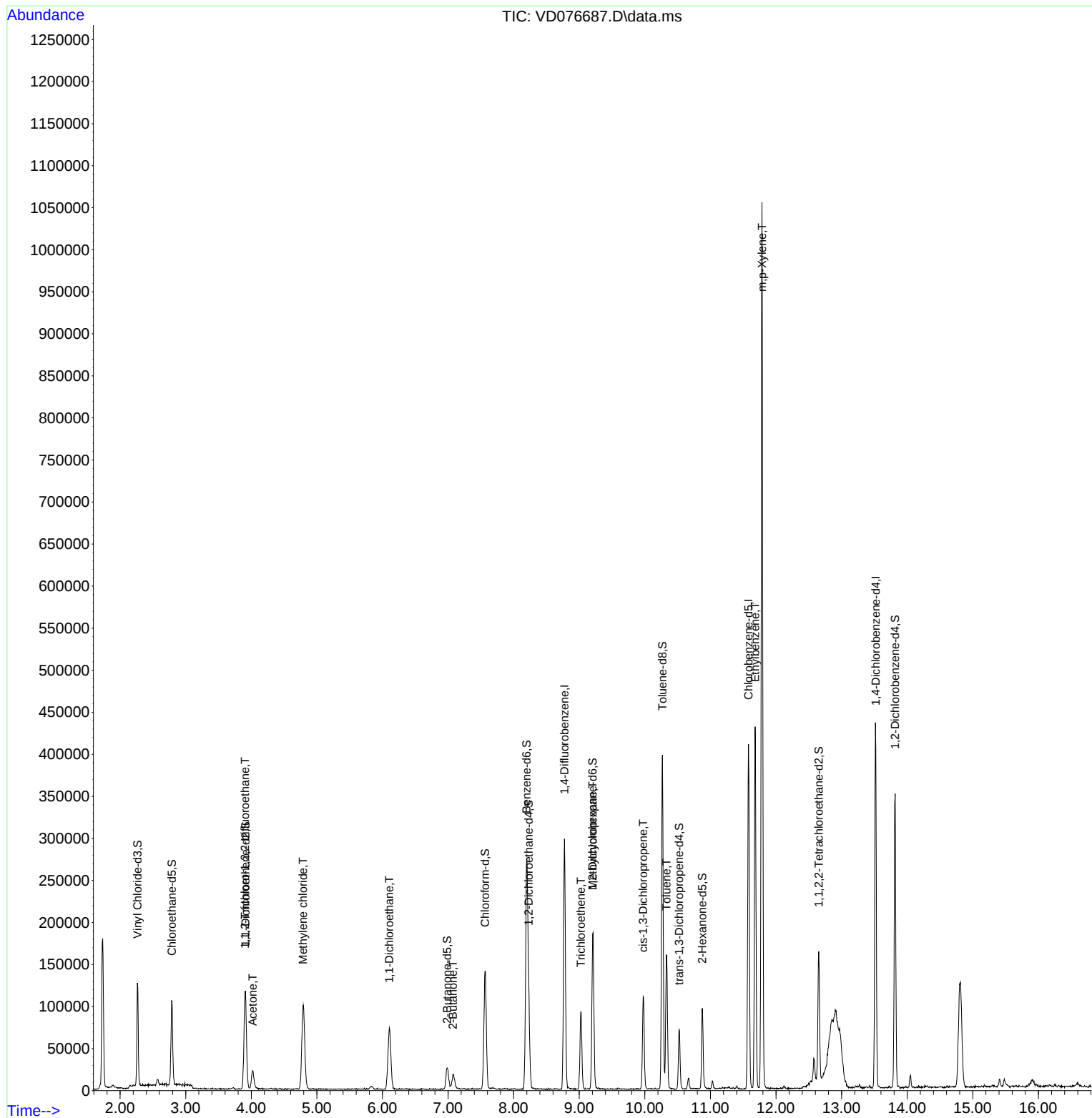
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	255699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	226863	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	111630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	108467	17.419	ug/L	0.00
Spiked Amount 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
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	1063	0.317	ug/L #	20
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
35) Methylcyclohexane	9.204	83	20838	3.350	ug/L #	20
39) cis-1,3-Dichloropropene	9.975	75	3488	0.558	ug/L	84
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

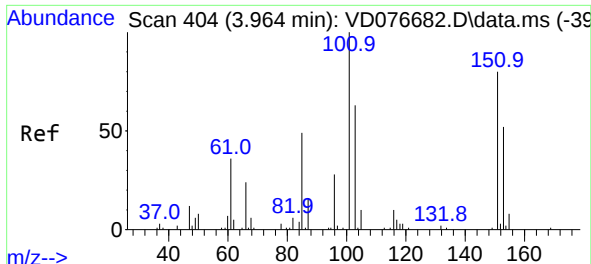
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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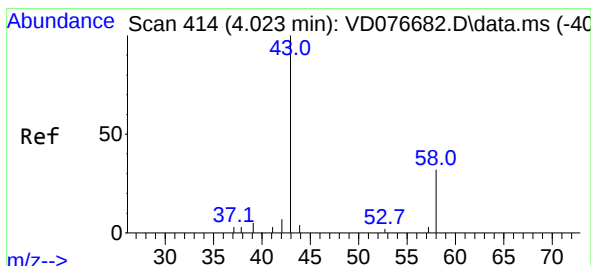
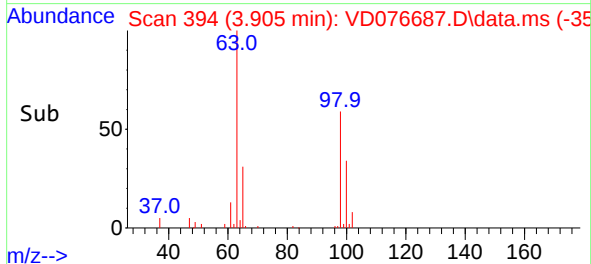
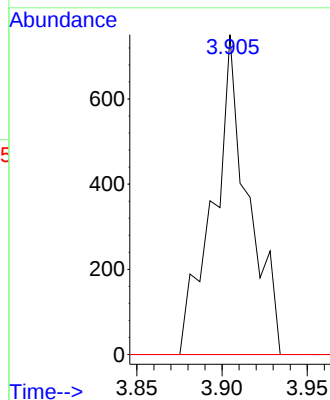
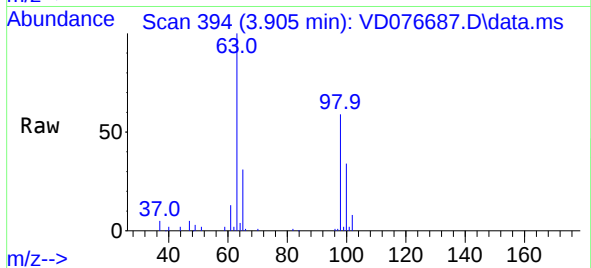




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.317 ug/L
RT: 3.905 min Scan# 394
Delta R.T. -0.053 min
Lab File: VD076687.D
Acq: 03 Jul 2023 12:52

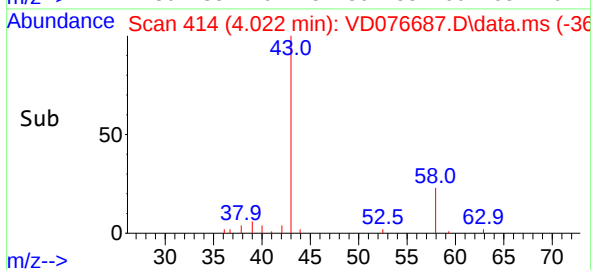
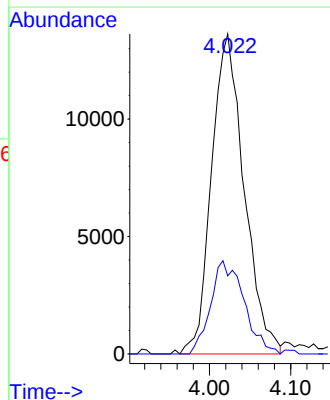
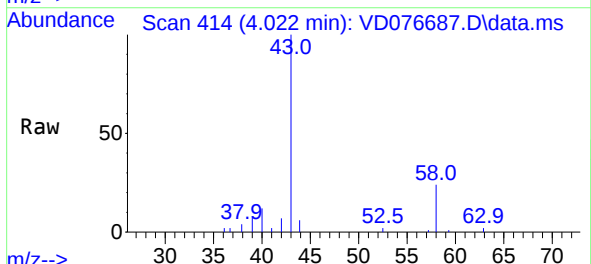
Instrument :
MSVOA_D
ClientSampleId :
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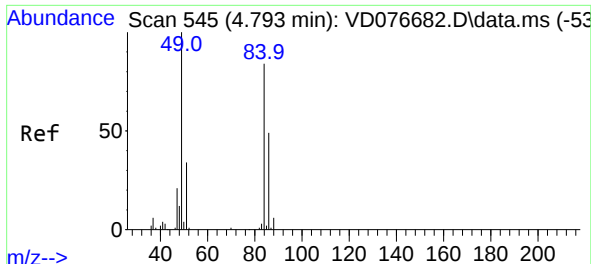
Tgt Ion:101 Resp: 1063
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 0.0 58.6 87.8#



#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

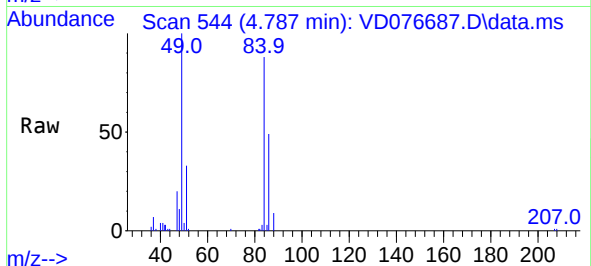
Tgt Ion: 43 Resp: 38020
Ion Ratio Lower Upper
43 100
58 16.0 0.0 67.4



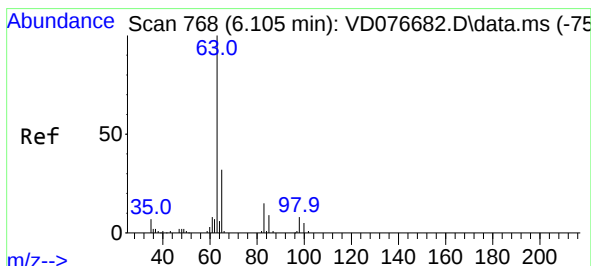
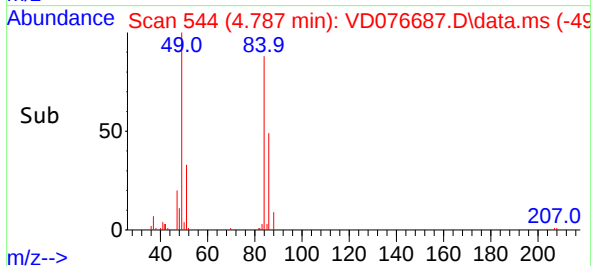
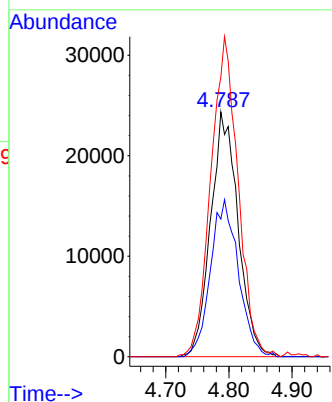


#16
Methylene chloride
Concen: 16.548 ug/L
RT: 4.787 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076687.D
Acq: 03 Jul 2023 12:52

Instrument :
MSVOA_D
ClientSampleId :
A4657

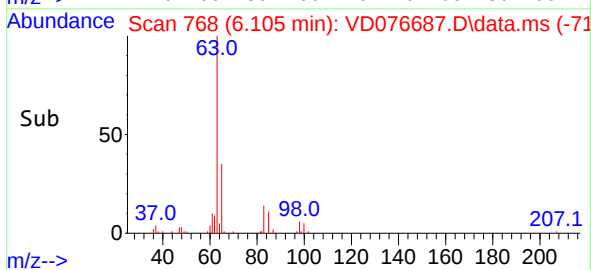
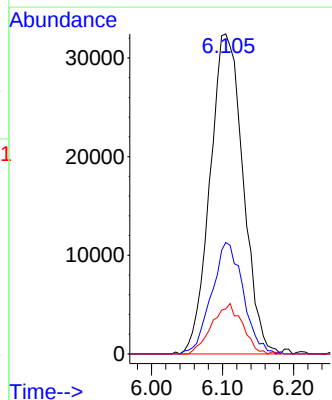
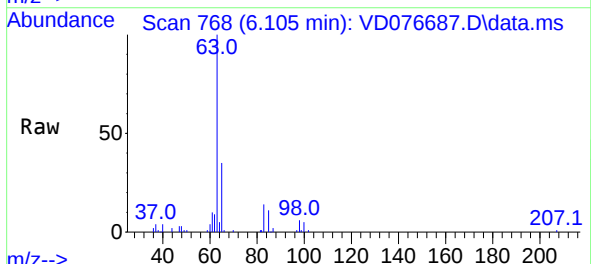


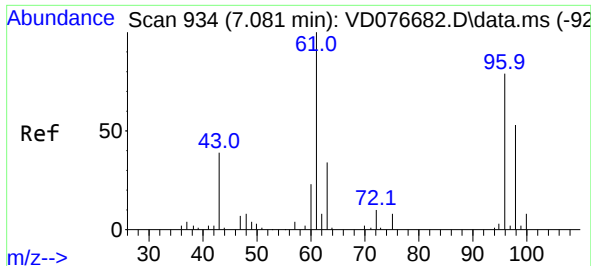
Tgt Ion: 84 Resp: 73545
Ion Ratio Lower Upper
84 100
86 56.2 45.1 83.9
49 114.2 97.2 180.6



#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

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

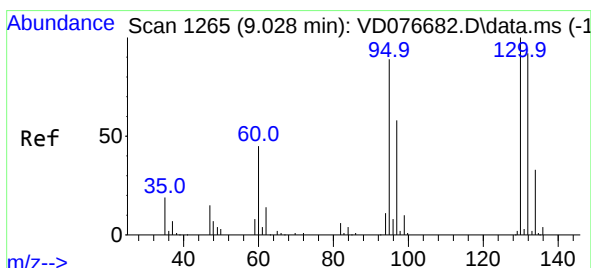
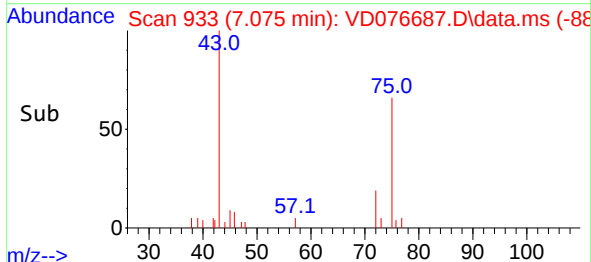
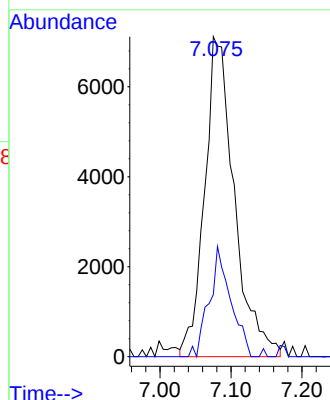
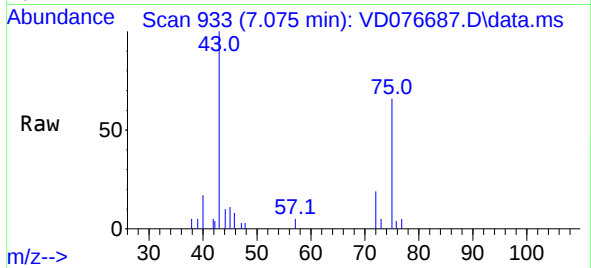




#22
2-Butanone
Concen: 16.849 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076687.D
Acq: 03 Jul 2023 12:52

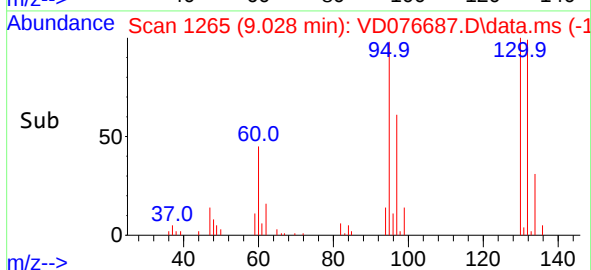
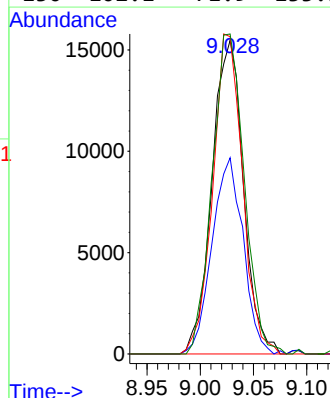
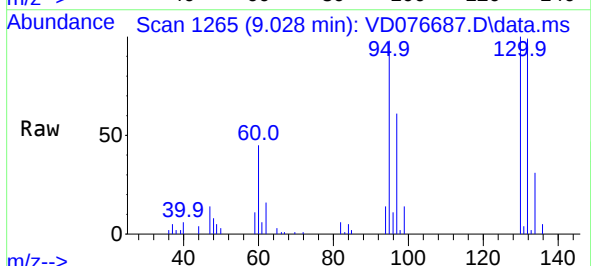
Instrument :
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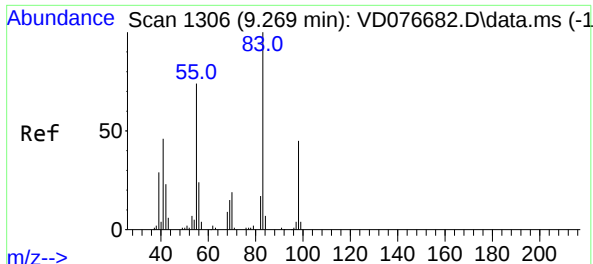
Tgt Ion: 43 Resp: 20711
Ion Ratio Lower Upper
43 100
72 24.5 12.9 38.7



#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

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





#35

Methylcyclohexane

Concen: 3.350 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.065 min

Lab File: VD076687.D

Acq: 03 Jul 2023 12:52

Instrument :

MSVOA_D

ClientSampleId :

A4657

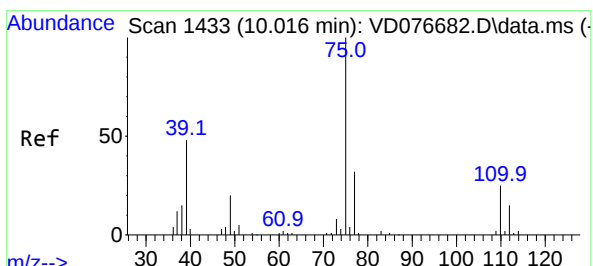
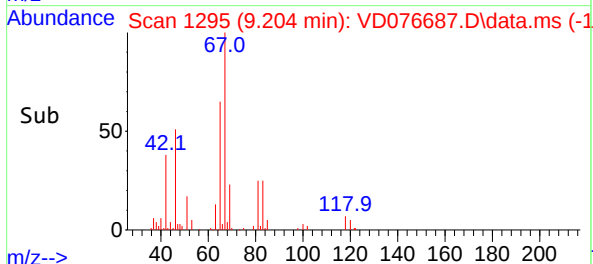
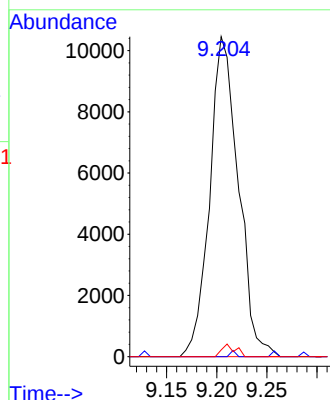
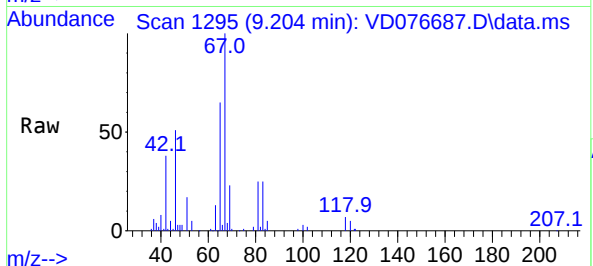
Tgt Ion: 83 Resp: 20838

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

98 1.8 37.8 56.6#



#39

cis-1,3-Dichloropropene

Concen: 0.558 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD076687.D

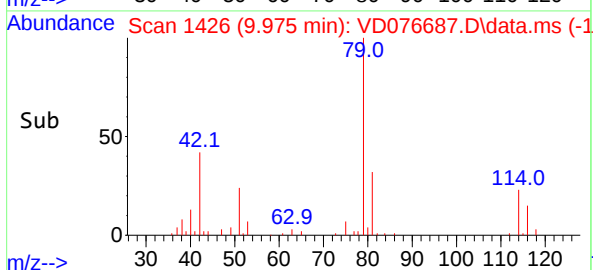
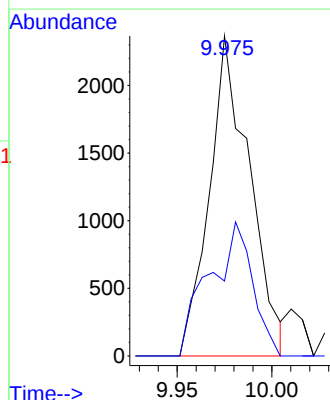
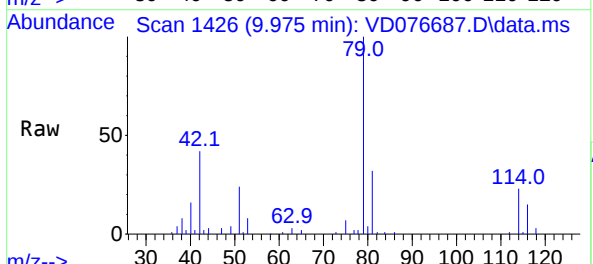
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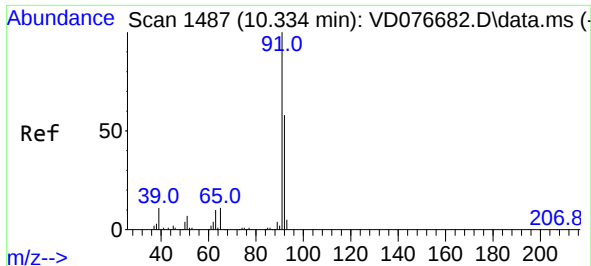
Tgt Ion: 75 Resp: 3488

Ion Ratio Lower Upper

75 100

77 23.4 22.7 42.3

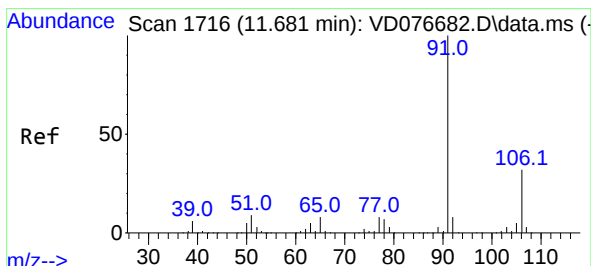
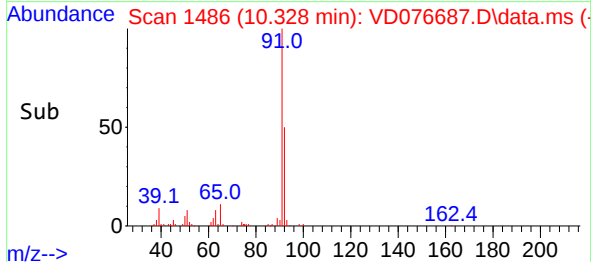
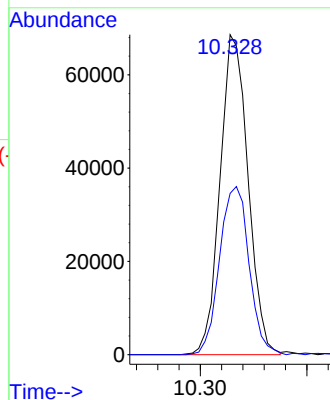
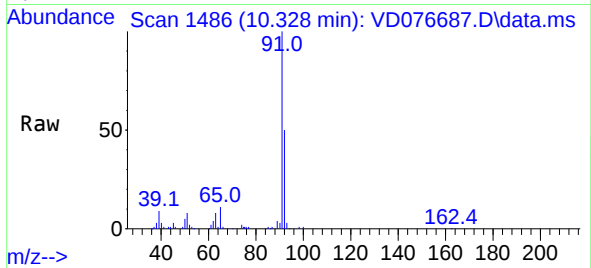




#42
Toluene
Concen: 7.797 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD076687.D
Acq: 03 Jul 2023 12:52

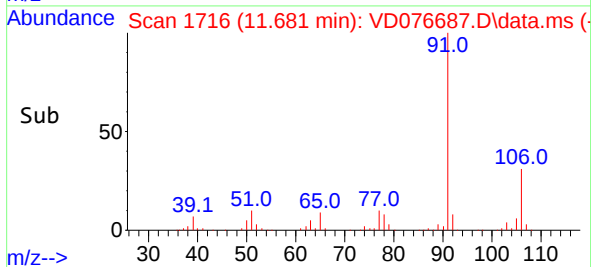
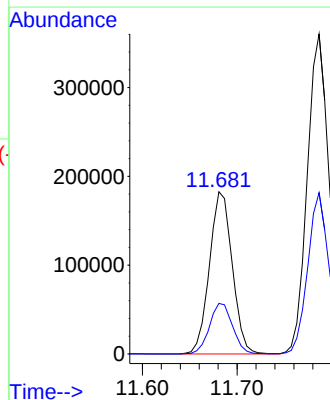
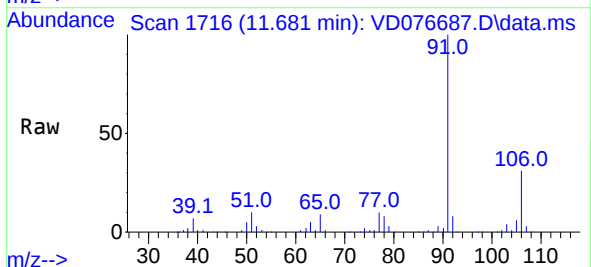
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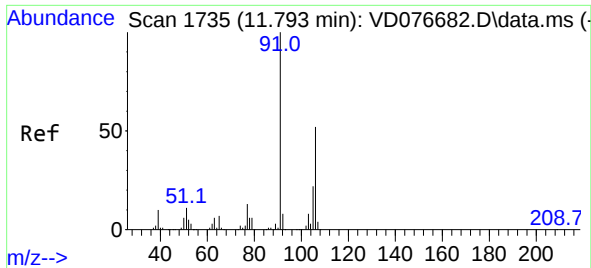
Tgt Ion: 91 Resp: 125103
Ion Ratio Lower Upper
91 100
92 50.4 39.3 73.1



#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

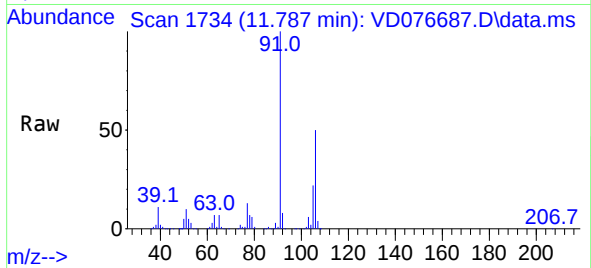
Tgt Ion: 91 Resp: 306114
Ion Ratio Lower Upper
91 100
106 31.2 22.4 41.6





#53
 m,p-Xylene
 Concen: 41.500 ug/L
 RT: 11.787 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076687.D
 Acq: 03 Jul 2023 12:52

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

