

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075860.D
 Acq On : 27 Apr 2023 14:39
 Operator : KP/SY
 Sample : 02447-22RE
 Misc : 3.24G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW940

Quant Time: Apr 28 02:57:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

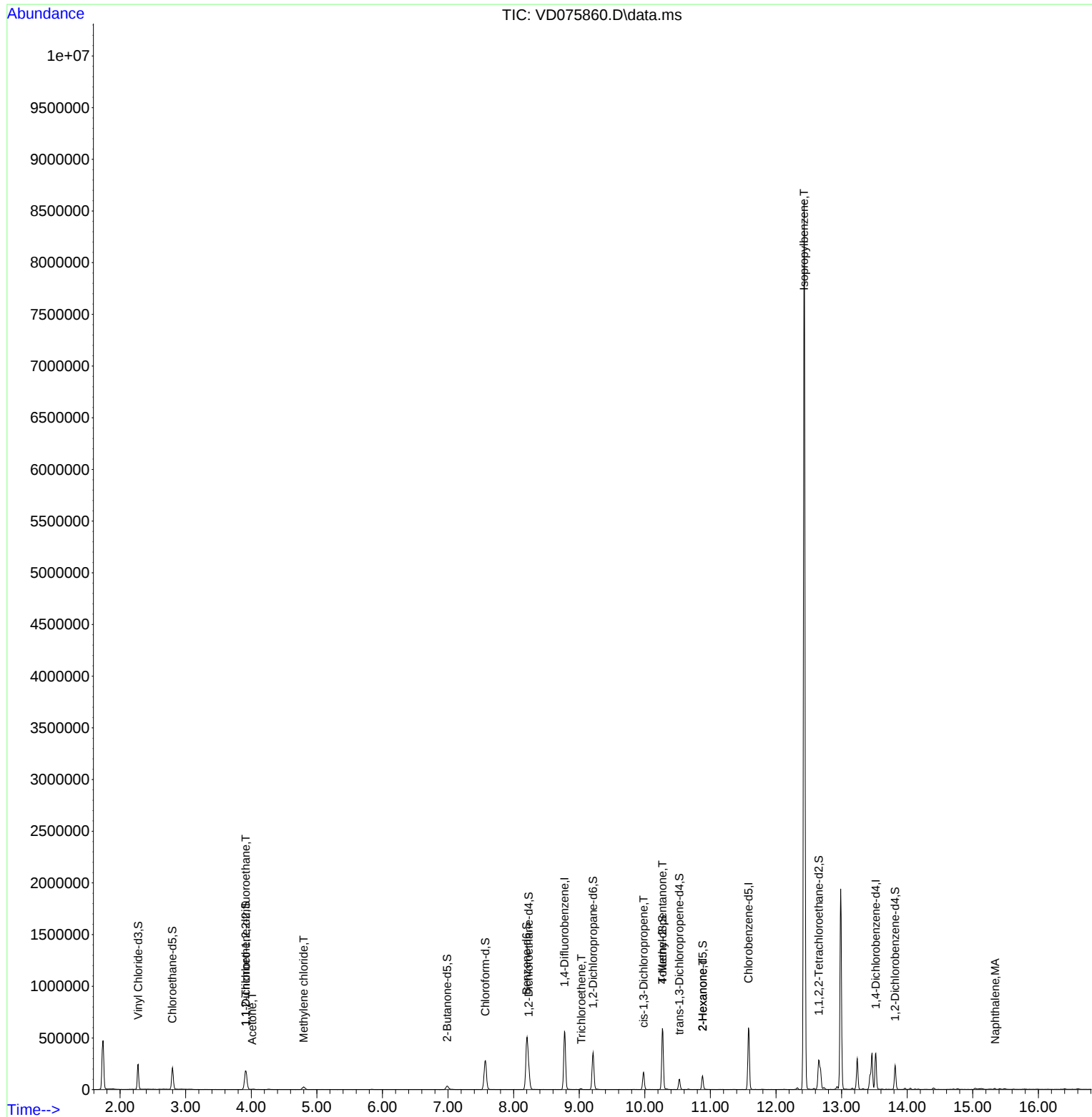
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	549570	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	382721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	103520	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	235013	19.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.960%
7) Chloroethane-d5	2.799	69	224419	21.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.160%
11) 1,1-Dichloroethene-d2	3.917	65	50398	18.132	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.520%
21) 2-Butanone-d5	6.987	46	56224	53.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.440%
24) Chloroform-d	7.569	84	312674	22.752	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	8.228	65	134680	22.948	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	8.199	84	589241	26.415	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.680%
36) 1,2-Dichloropropane-d6	9.210	67	185981	30.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.480%#
41) Toluene-d8	10.269	98	441059	21.120	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.480%
43) trans-1,3-Dichloroprop...	10.528	79	60915	23.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.881	63	47329	63.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	133870	28.334	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	68937	18.827	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.320%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1732	0.232	ug/L #	21
13) Acetone	4.016	43	2834	3.164	ug/L	92
16) Methylene chloride	4.799	84	21333	1.913	ug/L	95
34) Trichloroethene	9.034	95	2216	0.370	ug/L #	81
39) cis-1,3-Dichloropropene	9.981	75	4198	0.496	ug/L #	75
40) 4-Methyl-2-pentanone	10.269	43	1266	0.653	ug/L #	1
48) 2-Hexanone	10.881	43	4916	3.597	ug/L #	56
60) Isopropylbenzene	12.428	105	351387	25.599	ug/L #	1
71) Naphthalene	15.339	128	8088	1.212	ug/L #	96

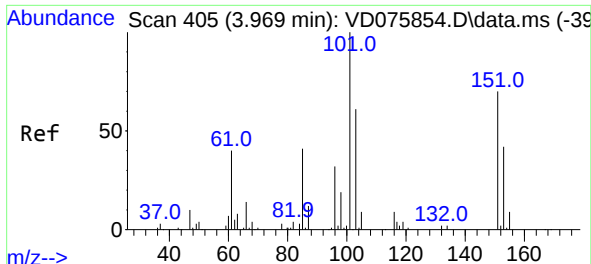
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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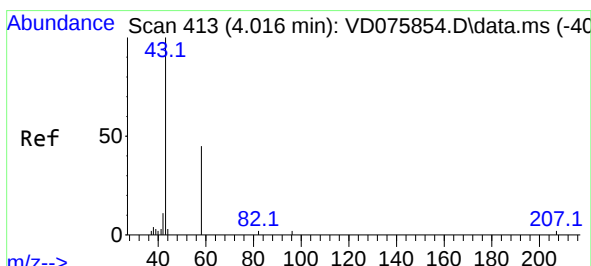
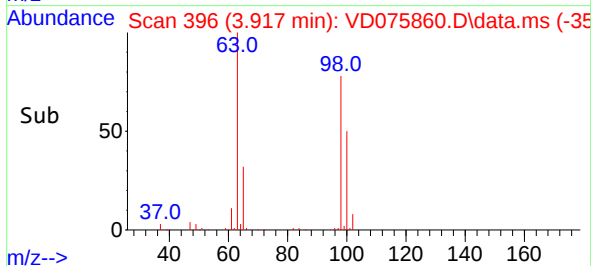
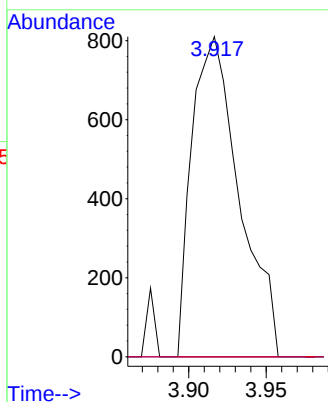
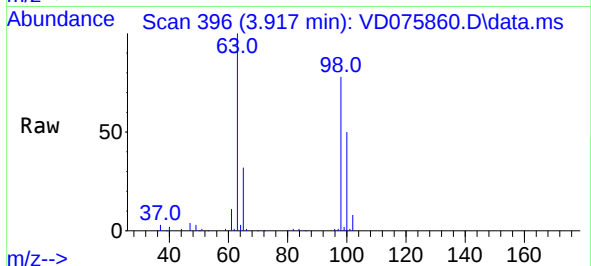




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.232 ug/L
RT: 3.917 min Scan# 396
Delta R.T. -0.047 min
Lab File: VD075860.D
Acq: 27 Apr 2023 14:39

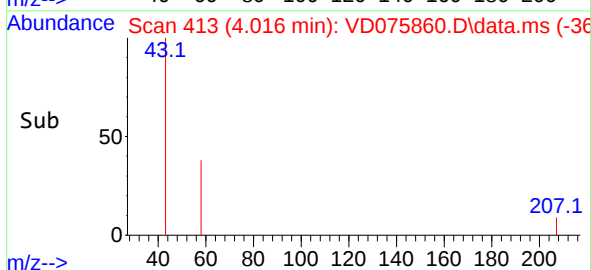
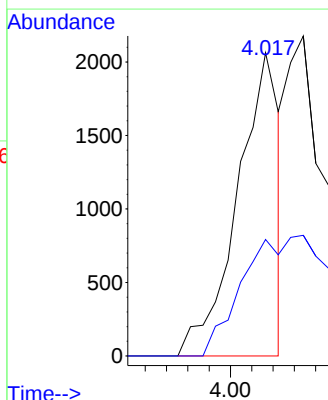
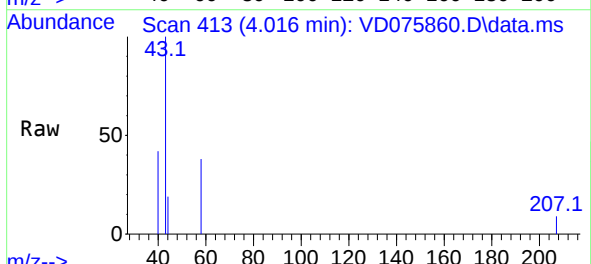
Instrument :
MSVOA_D
ClientSampleId :
EW940

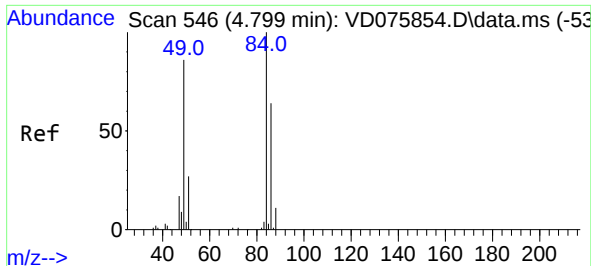
Tgt Ion:101 Resp: 1732
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 57.2 85.8#



#13
Acetone
Concen: 3.164 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075860.D
Acq: 27 Apr 2023 14:39

Tgt Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
58 38.2 0.0 87.4

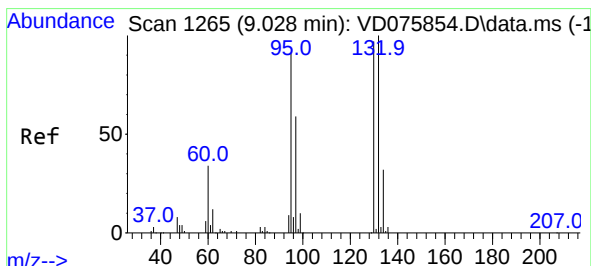
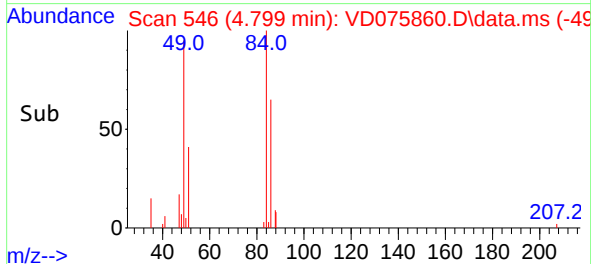
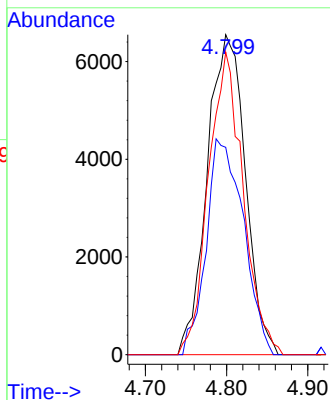
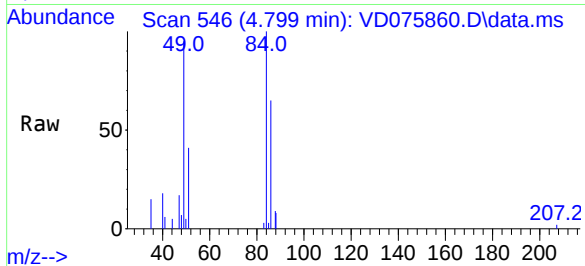




#16
Methylene chloride
Concen: 1.913 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075860.D
Acq: 27 Apr 2023 14:39

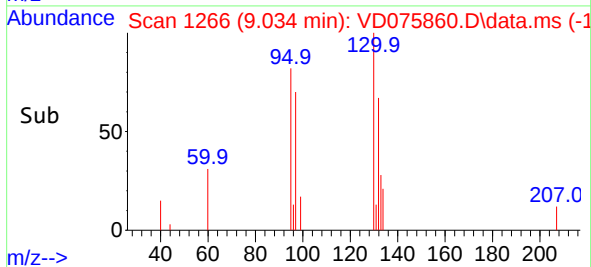
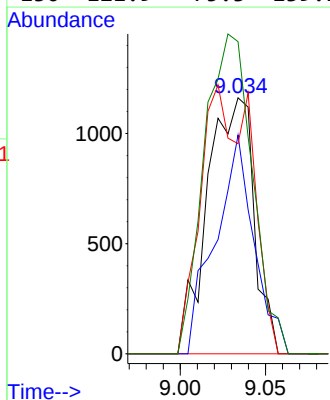
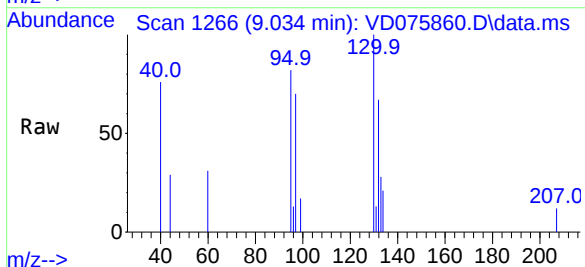
Instrument :
MSVOA_D
ClientSampleId :
EW940

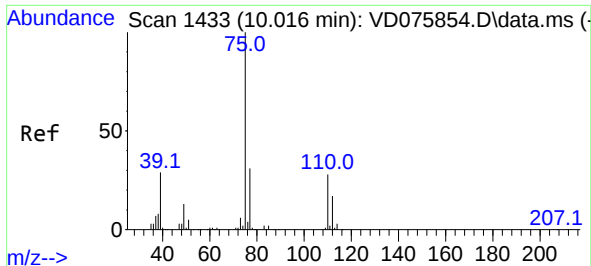
Tgt Ion: 84 Resp: 21333
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.2
49 94.6 60.8 112.8



#34
Trichloroethene
Concen: 0.370 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075860.D
Acq: 27 Apr 2023 14:39

Tgt Ion: 95 Resp: 2216
Ion Ratio Lower Upper
95 100
97 85.5 46.0 85.4#
132 82.1 73.3 136.1
130 121.9 75.3 139.9

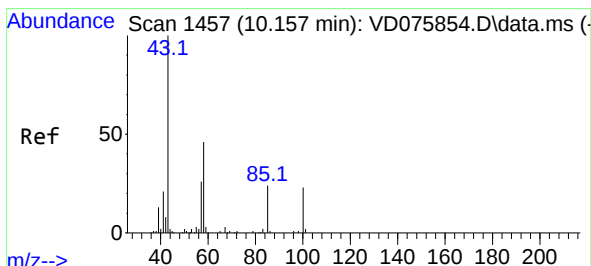
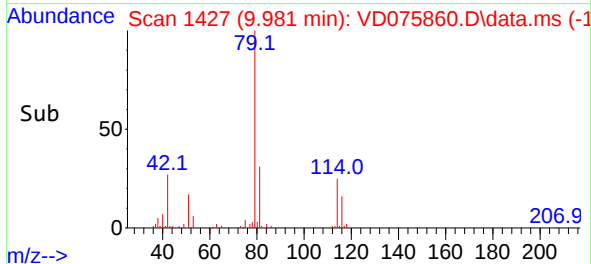
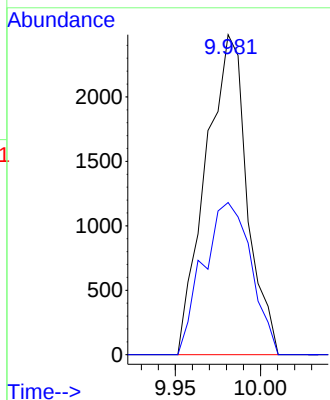
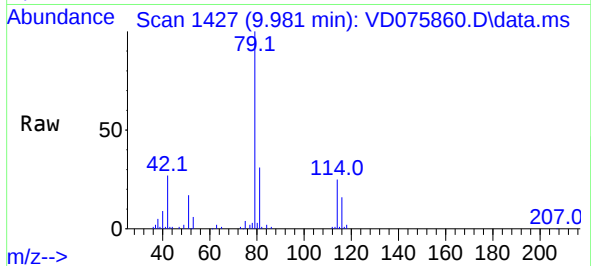




#39
cis-1,3-Dichloropropene
Concen: 0.496 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD075860.D
Acq: 27 Apr 2023 14:39

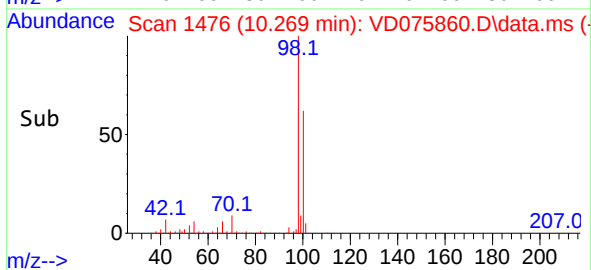
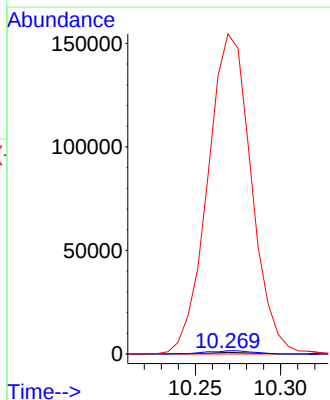
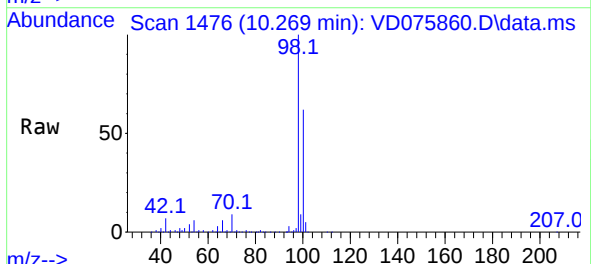
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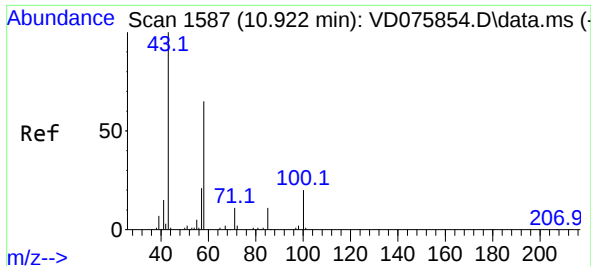
Tgt Ion: 75 Resp: 4198
Ion Ratio Lower Upper
75 100
77 47.6 23.4 43.6#



#40
4-Methyl-2-pentanone
Concen: 0.653 ug/L
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD075860.D
Acq: 27 Apr 2023 14:39

Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
58 229.8 39.1 58.7#
100 21837.1 19.4 29.0#

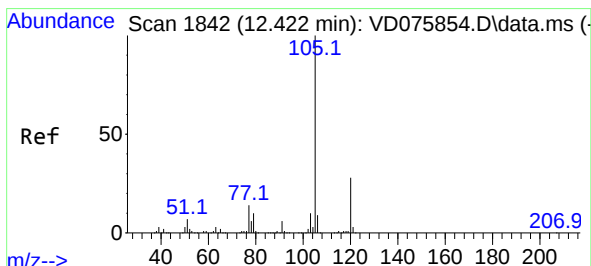
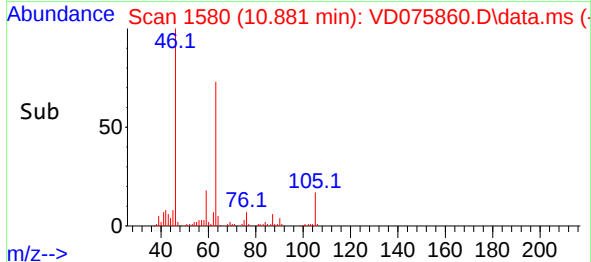
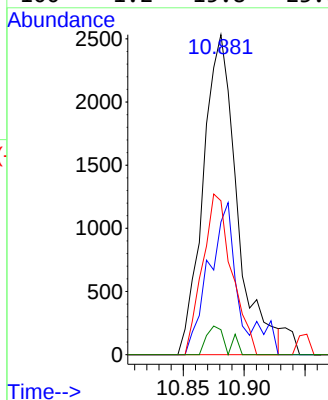
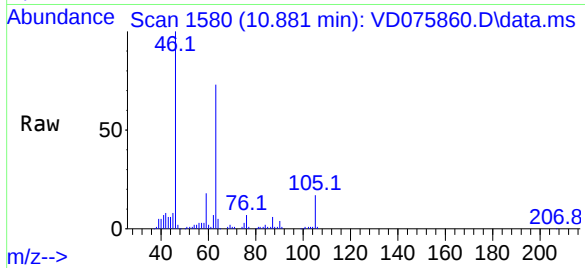




#48
2-Hexanone
Concen: 3.597 ug/L
RT: 10.881 min Scan# 1588
Delta R.T. -0.041 min
Lab File: VD075860.D
Acq: 27 Apr 2023 14:39

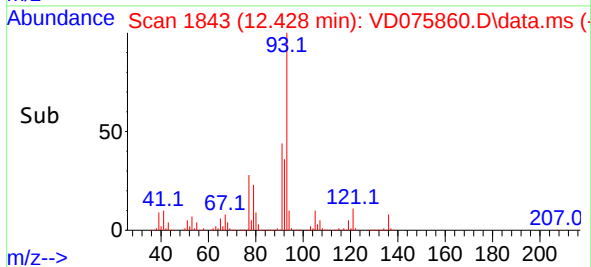
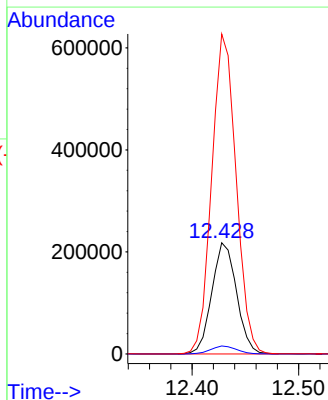
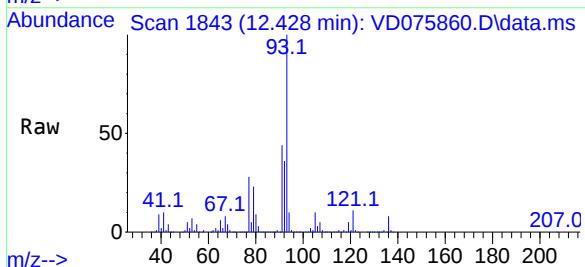
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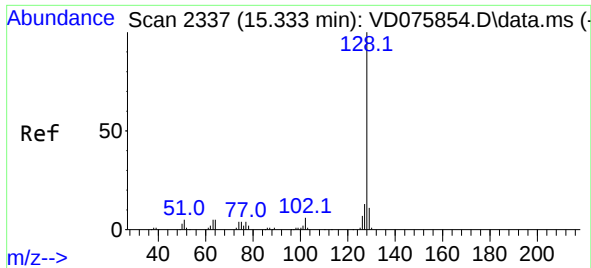
Tgt Ion:	43	Resp:	4916
Ion	Ratio	Lower	Upper
43	100		
58	36.9	59.7	89.5#
57	0.0	17.9	26.9#
100	1.2	15.8	23.6#



#60
Isopropylbenzene
Concen: 25.599 ug/L
RT: 12.428 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VD075860.D
Acq: 27 Apr 2023 14:39

Tgt Ion:	105	Resp:	351387
Ion	Ratio	Lower	Upper
105	100		
120	7.5	22.7	34.1#
77	283.7	10.9	16.3#





#71
Naphthalene
Concen: 1.212 ug/L
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075860.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.5	15.7#
129	11.1	9.1	13.7

