

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075848.D
 Acq On : 26 Apr 2023 21:33
 Operator : KP/SY
 Sample : 02447-22
 Misc : 4.62G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW940

Quant Time: Apr 27 02:07:19 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)

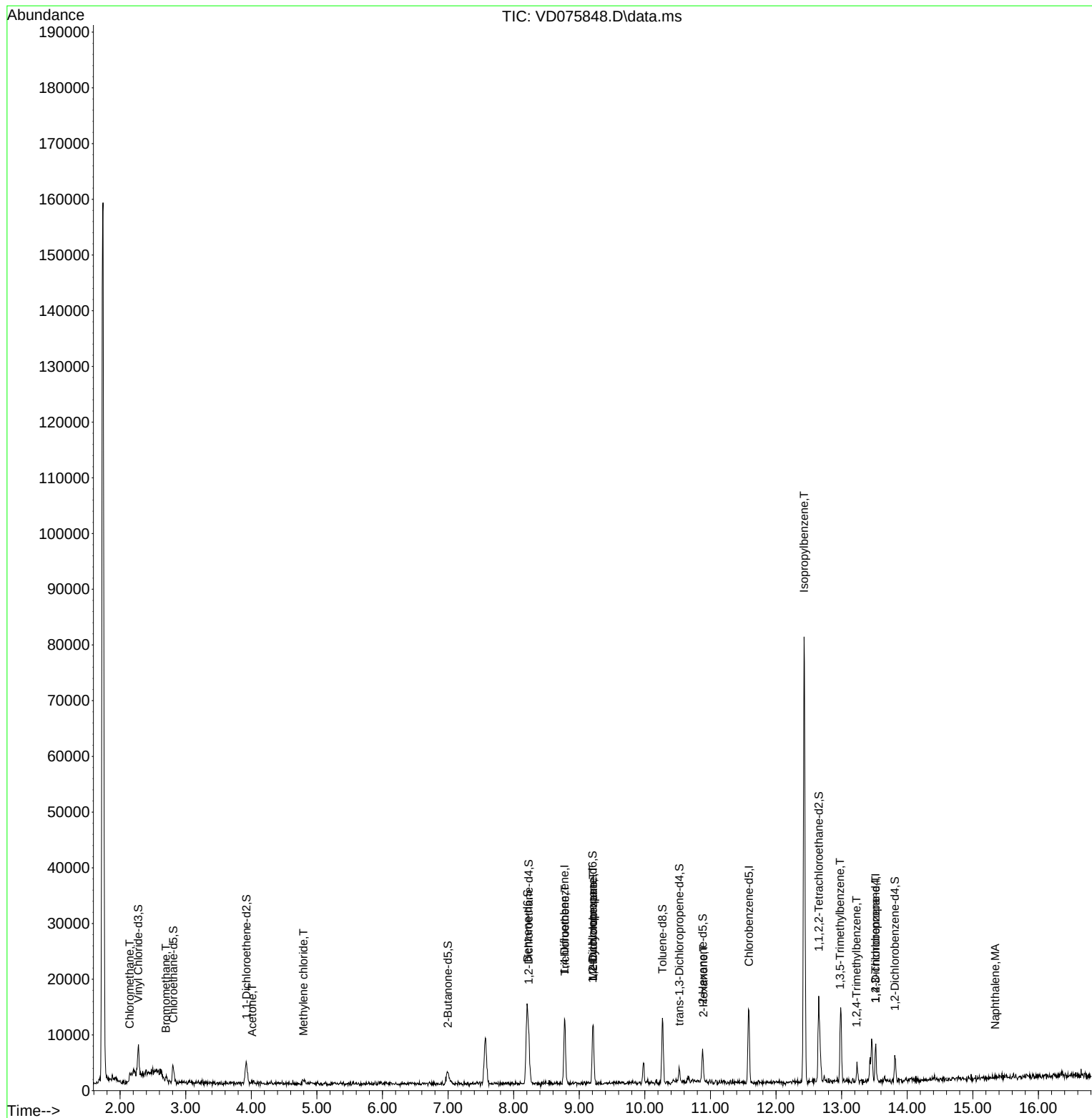
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	13865	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	10006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	2275	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	5308	17.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.800%
7) Chloroethane-d5	2.811	69	3752	14.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.120%
11) 1,1-Dichloroethene-d2	3.928	65	118	1.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	6.720%#
21) 2-Butanone-d5	6.999	46	1452	54.989	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.980%
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	8.228	65	5788	39.091	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.360%#
32) Benzene-d6	8.210	84	15824	27.133	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.520%
36) 1,2-Dichloropropane-d6	9.204	67	6334	39.239	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	156.960%#
41) Toluene-d8	10.269	98	9457	17.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.280%
43) trans-1,3-Dichloroprop...	10.528	79	1800	26.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.920%
47) 2-Hexanone-d5	10.881	63	2313	119.004	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	238.000%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	7655	61.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	247.880%#
66) 1,2-Dichlorobenzene-d4	13.810	152	1683	20.915	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.640%
Target Compounds						Qvalue
3) Chloromethane	2.146	50	423	1.588	ug/L	91
6) Bromomethane	2.699	94	352	1.504	ug/L	79
13) Acetone	4.016	43	509	22.525	ug/L #	32
16) Methylene chloride	4.793	84	167	0.594	ug/L	82
34) Trichloroethene	8.781	95	97	0.620	ug/L #	2
35) Methylcyclohexane	9.210	83	1719	7.123	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	558	4.013	ug/L #	85
48) 2-Hexanone	10.893	43	74	2.071	ug/L #	28
60) Isopropylbenzene	12.428	105	4005	13.277	ug/L #	1
61) 1,2,3-Trichloropropane	13.516	75	278	7.779	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.975	105	93	0.413	ug/L #	26
63) 1,2,4-Trimethylbenzene	13.228	105	124	0.572	ug/L #	28
71) Naphthalene	15.339	128	243	1.656	ug/L #	69

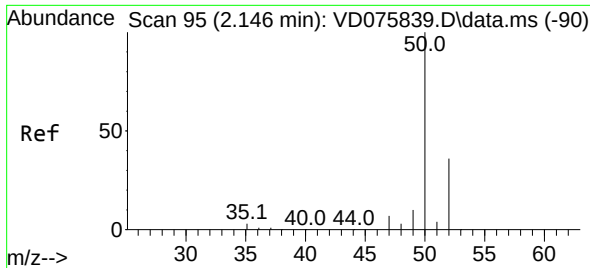
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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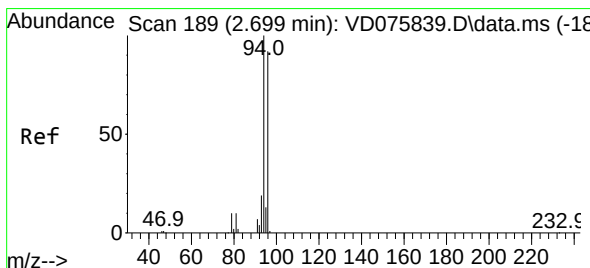
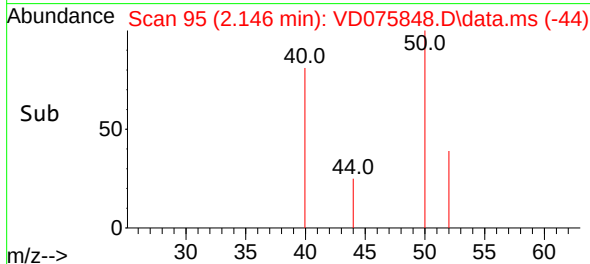
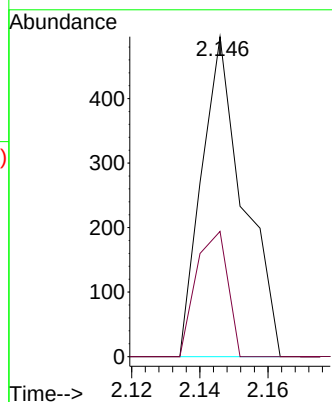
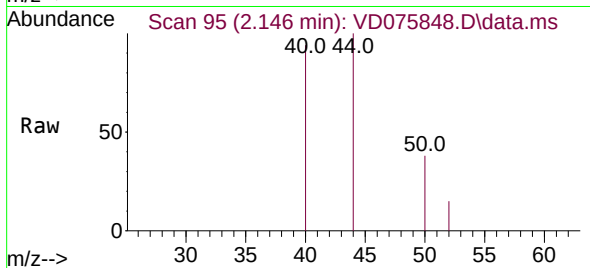




#3
Chloromethane
Concen: 1.588 ug/L
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075848.D
Acq: 26 Apr 2023 21:33

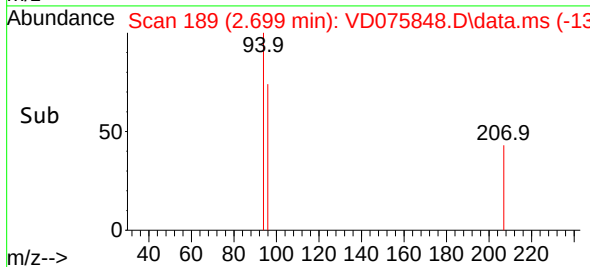
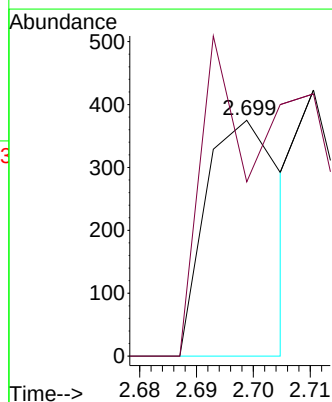
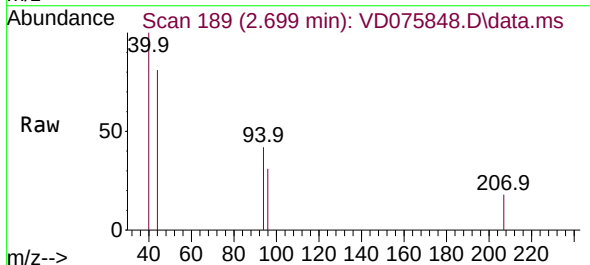
Instrument :
MSVOA_D
ClientSampleId :
EW940

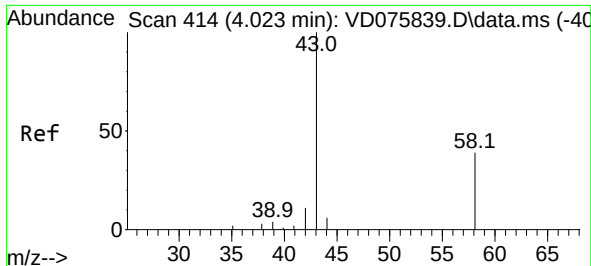
Tgt Ion: 50 Resp: 423
Ion Ratio Lower Upper
50 100
52 39.1 23.7 44.1



#6
Bromomethane
Concen: 1.504 ug/L
RT: 2.699 min Scan# 189
Delta R.T. -0.000 min
Lab File: VD075848.D
Acq: 26 Apr 2023 21:33

Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 73.9 65.7 121.9





#13

Acetone

Concen: 22.525 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD075848.D

Acq: 26 Apr 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

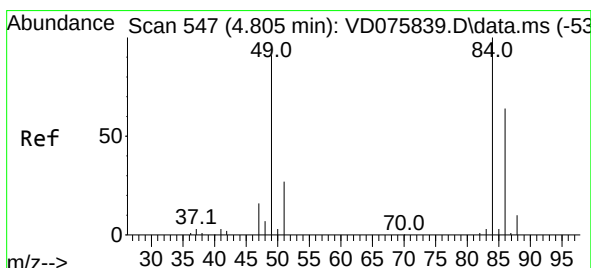
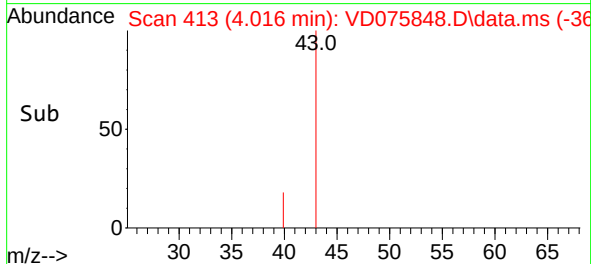
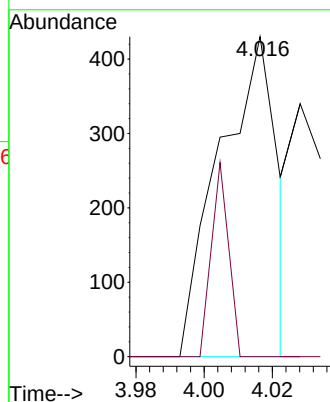
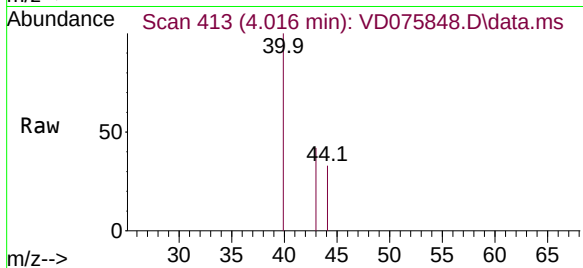
EW940

Tgt Ion: 43 Resp: 509

Ion Ratio Lower Upper

43 100

58 0.0 0.0 87.4



#16

Methylene chloride

Concen: 0.594 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD075848.D

Acq: 26 Apr 2023 21:33

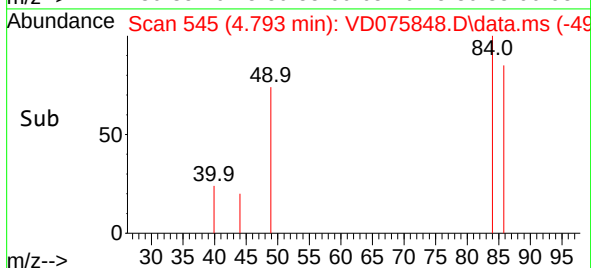
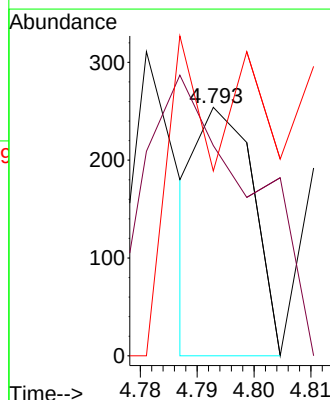
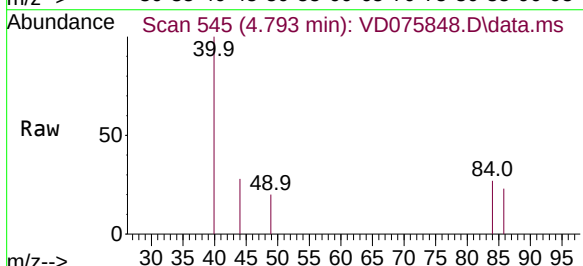
Tgt Ion: 84 Resp: 167

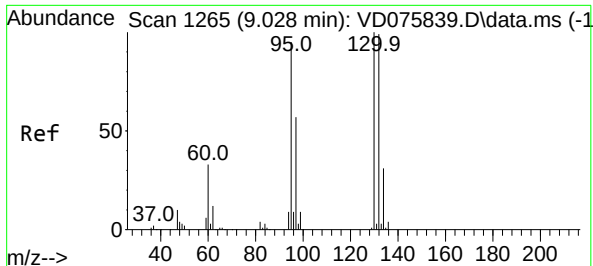
Ion Ratio Lower Upper

84 100

86 84.6 45.8 85.2

49 74.4 60.8 112.8





#34

Trichloroethene

Concen: 0.620 ug/L

RT: 8.781 min Scan# 11

Delta R.T. -0.247 min

Lab File: VD075848.D

Acq: 26 Apr 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

EW940

Tgt Ion: 95 Resp: 97

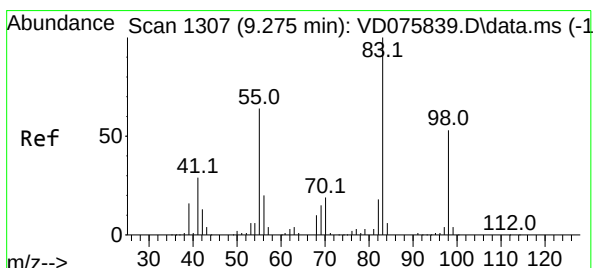
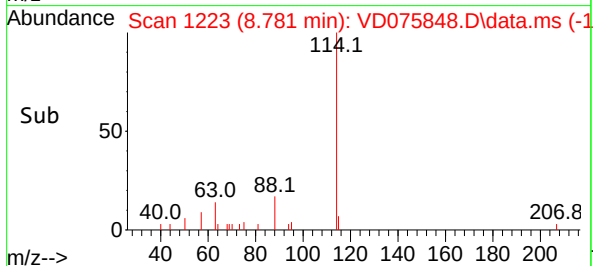
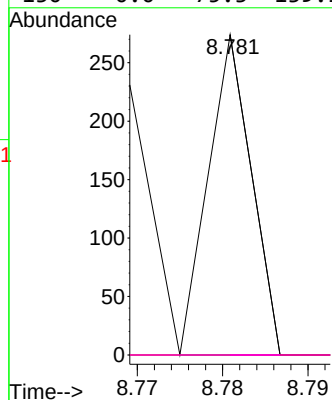
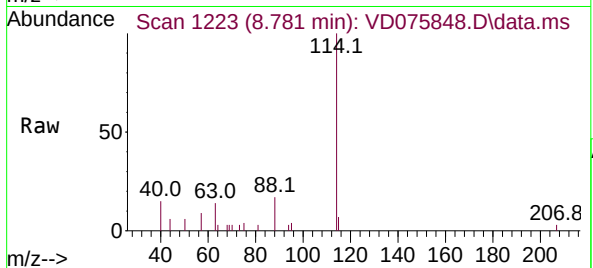
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#



#35

Methylcyclohexane

Concen: 7.123 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075848.D

Acq: 26 Apr 2023 21:33

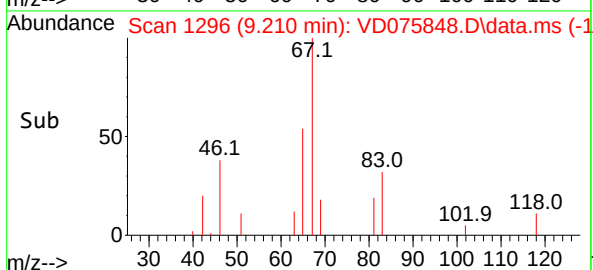
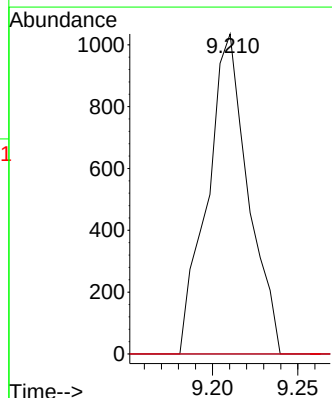
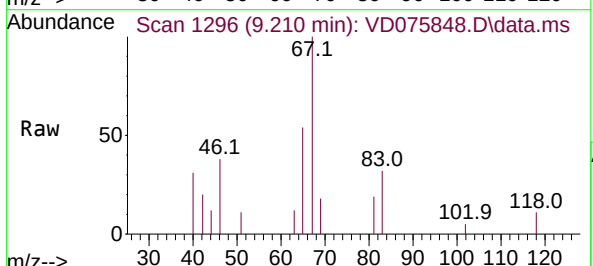
Tgt Ion: 83 Resp: 1719

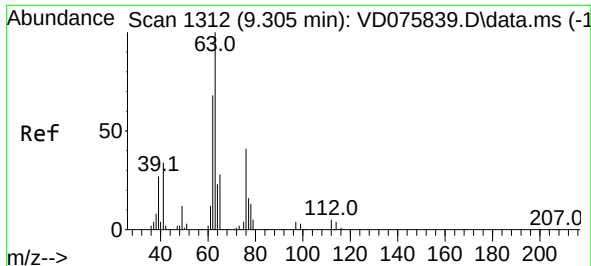
Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.0 40.8 61.2#

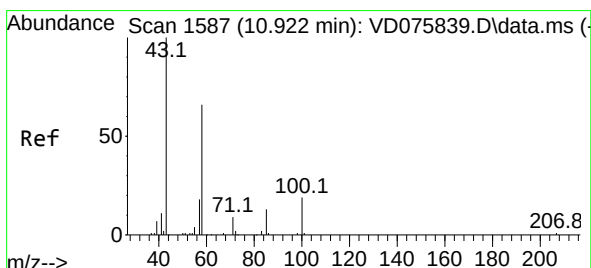
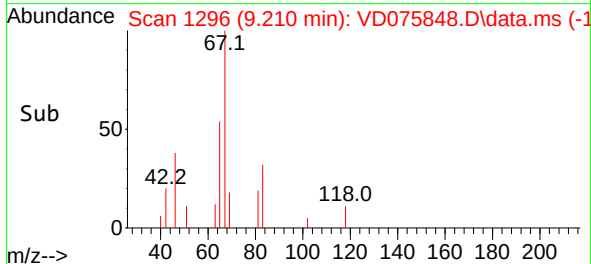
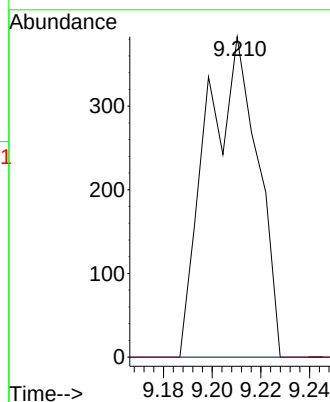
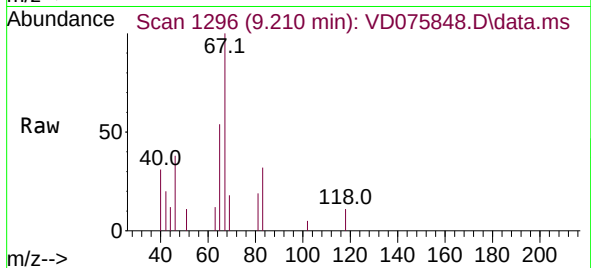




#37
1,2-Dichloropropane
Concen: 4.013 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075848.D
Acq: 26 Apr 2023 21:33

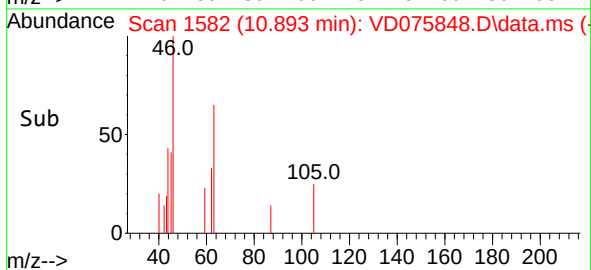
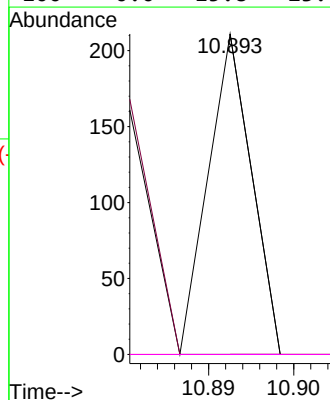
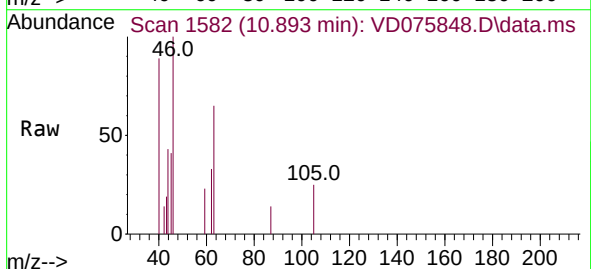
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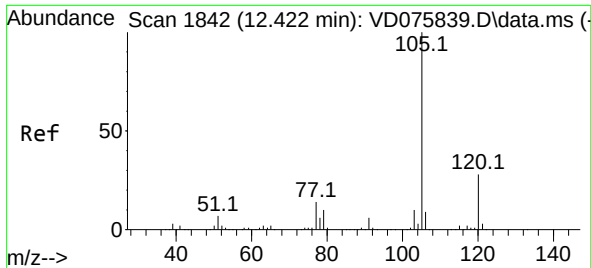
Tgt Ion: 63 Resp: 558
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#48
2-Hexanone
Concen: 2.071 ug/L
RT: 10.893 min Scan# 1582
Delta R.T. -0.030 min
Lab File: VD075848.D
Acq: 26 Apr 2023 21:33

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 59.7 89.5#
57 0.0 17.9 26.9#
100 0.0 15.8 23.6#

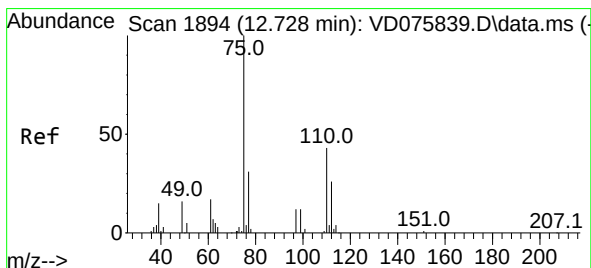
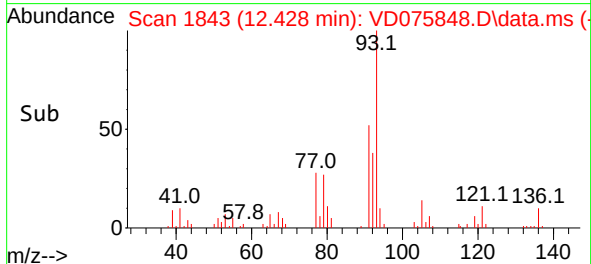
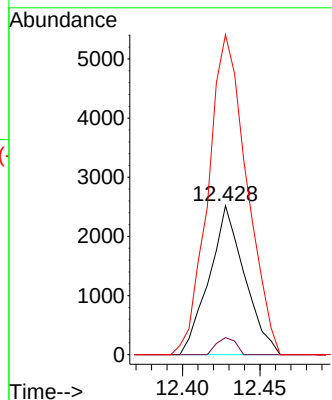
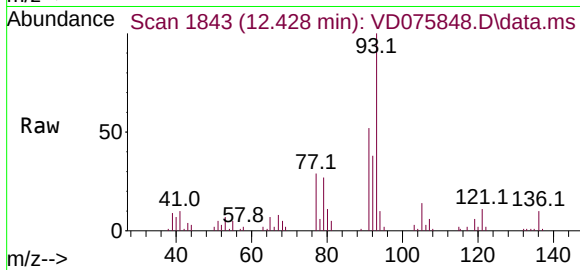




#60
Isopropylbenzene
Concen: 13.277 ug/L
RT: 12.428 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075848.D
Acq: 26 Apr 2023 21:33

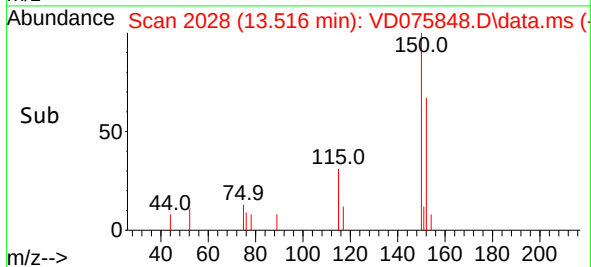
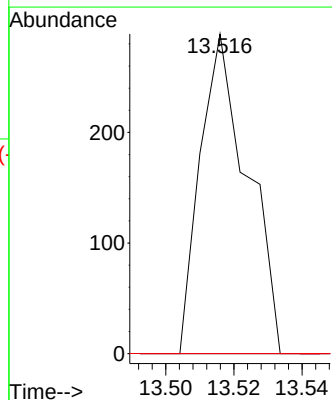
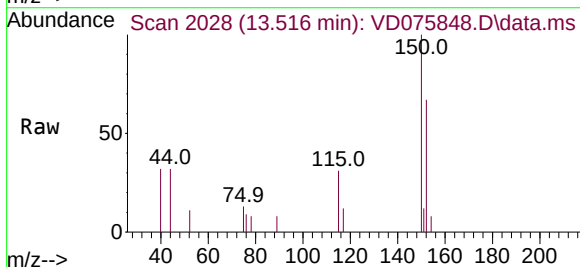
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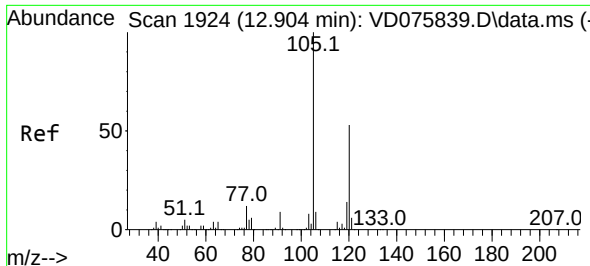
Tgt Ion:	105	Resp:	4005
Ion	Ratio	Lower	Upper
105	100		
120	6.3	22.7	34.1#
77	234.6	10.9	16.3#



#61
1,2,3-Trichloropropane
Concen: 7.779 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD075848.D
Acq: 26 Apr 2023 21:33

Tgt Ion:	75	Resp:	278
Ion	Ratio	Lower	Upper
75	100		
77	141.0	26.6	39.8#
110	0.0	33.5	50.3#

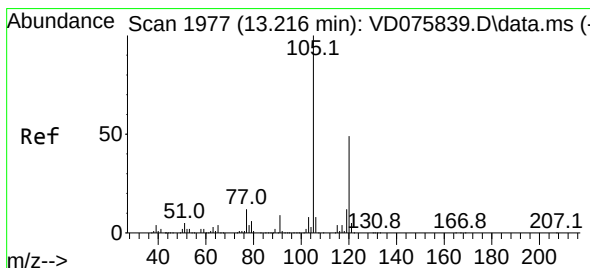
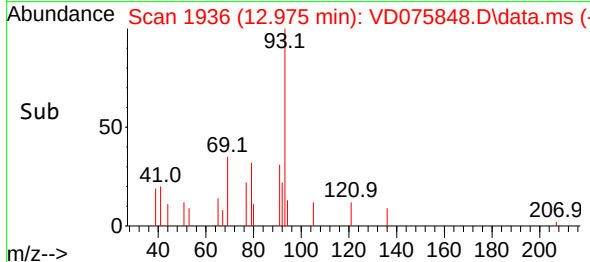
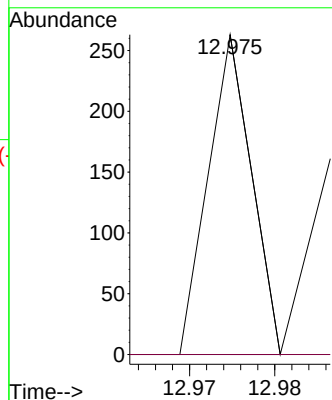
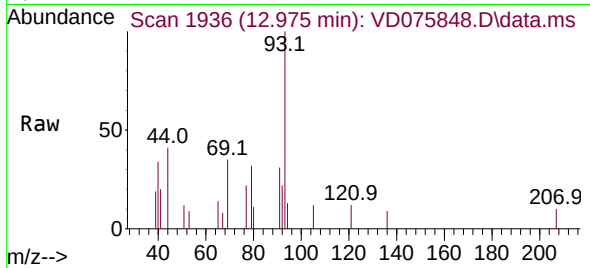




#62
 1,3,5-Trimethylbenzene
 Concen: 0.413 ug/L
 RT: 12.975 min Scan# 1936
 Delta R.T. 0.070 min
 Lab File: VD075848.D
 Acq: 26 Apr 2023 21:33

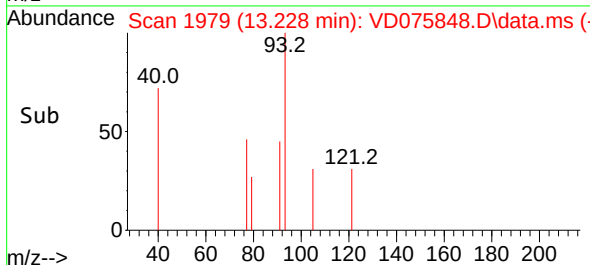
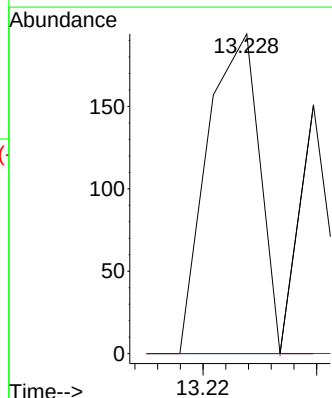
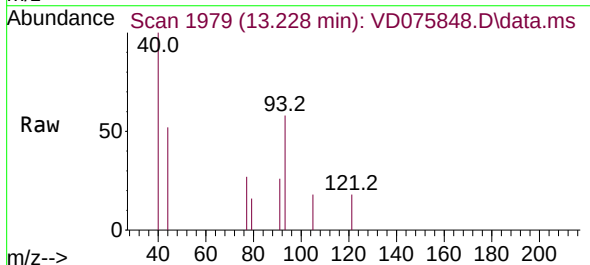
Instrument :
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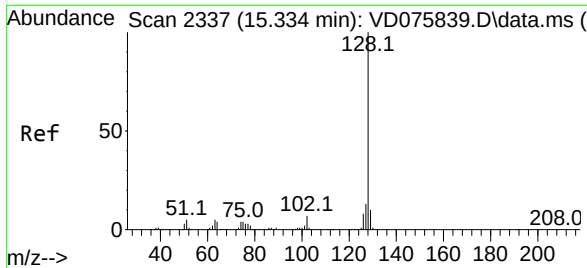
Tgt Ion:105 Resp: 93
 Ion Ratio Lower Upper
 105 100
 120 0.0 42.0 63.0#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.572 ug/L
 RT: 13.228 min Scan# 1979
 Delta R.T. 0.012 min
 Lab File: VD075848.D
 Acq: 26 Apr 2023 21:33

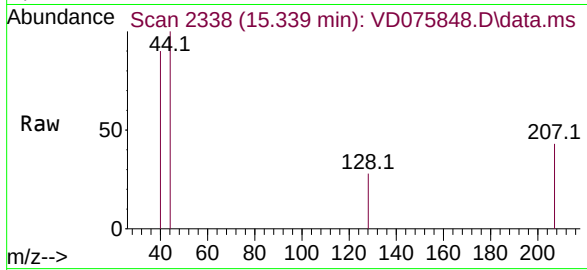
Tgt Ion:105 Resp: 124
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.0 58.6#





#71
 Naphthalene
 Concen: 1.656 ug/L
 RT: 15.339 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075848.D
 Acq: 26 Apr 2023 21:33

Instrument :
 MSVOA_D
 ClientSampleId :
 EW940



Tgt Ion:128 Resp: 243

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	9.1	13.7#

