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 Data File : VD075940.D
 Acq On : 01 May 2023 15:30
 Operator : KP/SY
 Sample : 02564-02
 Misc : 5.69G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

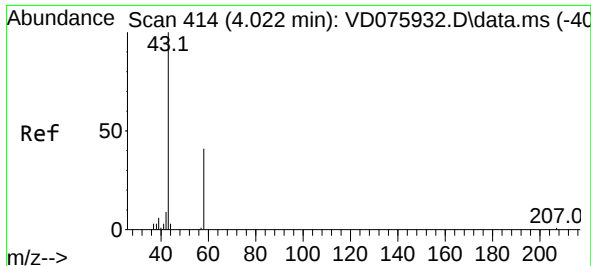
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:34:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	568832	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	457412	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	171453	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	132244	10.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.400%
7) Chloroethane-d5	2.799	69	128180	11.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.560%
11) 1,1-Dichloroethene-d2	3.910	65	31197	10.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.360%#
21) 2-Butanone-d5	6.987	46	35109	32.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.820%
24) Chloroform-d	7.563	84	201964	14.198	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	56.800%
26) 1,2-Dichloroethane-d4	8.228	65	85758	14.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	56.480%#
32) Benzene-d6	8.199	84	374650	14.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	56.200%
36) 1,2-Dichloropropane-d6	9.210	67	117668	15.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	63.800%#
41) Toluene-d8	10.269	98	333515	13.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.440%
43) trans-1,3-Dichloroprop...	10.528	79	43137	14.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.560%
47) 2-Hexanone-d5	10.875	63	27021	30.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94123	16.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	110499	18.221	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.880%#
Target Compounds						Qvalue
13) Acetone	4.016	43	684080	737.901	ug/L	98
16) Methylene chloride	4.799	84	22191	1.923	ug/L	96
22) 2-Butanone	7.081	43	109091	90.263	ug/L	91
35) Methylcyclohexane	9.210	83	28133	2.550	ug/L #	25
37) 1,2-Dichloropropane	9.204	63	12143	1.911	ug/L #	85
40) 4-Methyl-2-pentanone	10.157	43	2615	1.128	ug/L #	86
46) Tetrachloroethene	10.810	164	7085	1.207	ug/L	87
49) Dibromochloromethane	10.810	129	6127	1.041	ug/L #	10
62) 1,3,5-Trimethylbenzene	13.234	105	6516	0.384	ug/L #	27
63) 1,2,4-Trimethylbenzene	13.234	105	6516	0.399	ug/L #	30
71) Naphthalene	15.339	128	5831	0.527	ug/L #	92

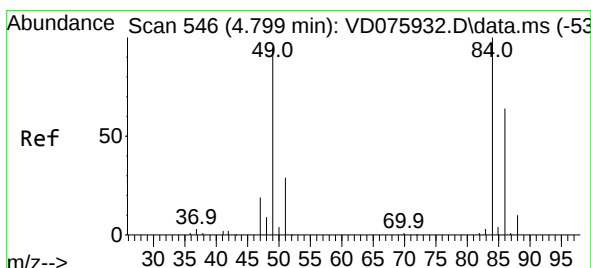
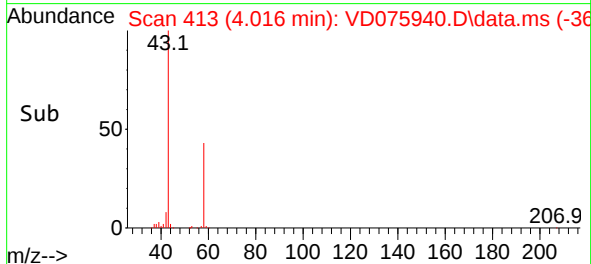
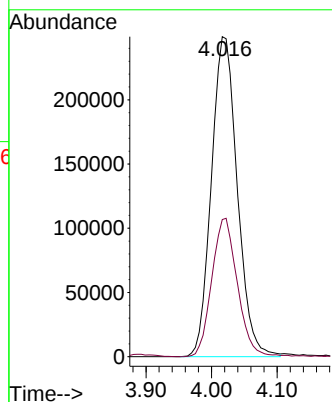
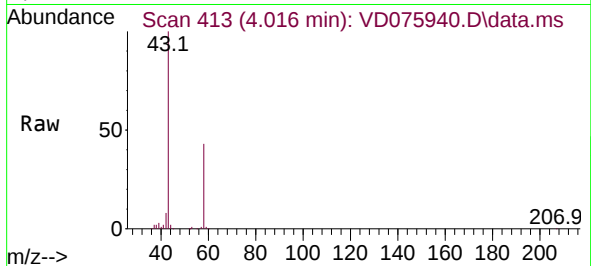
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 737.901 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30

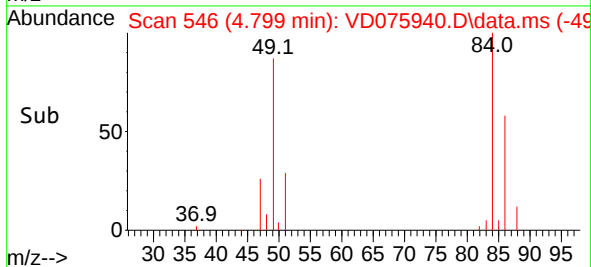
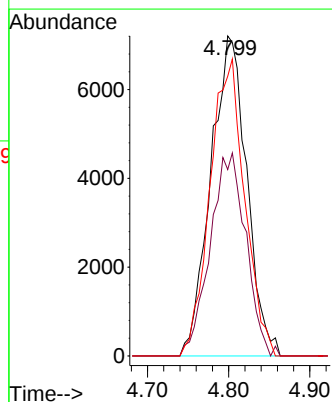
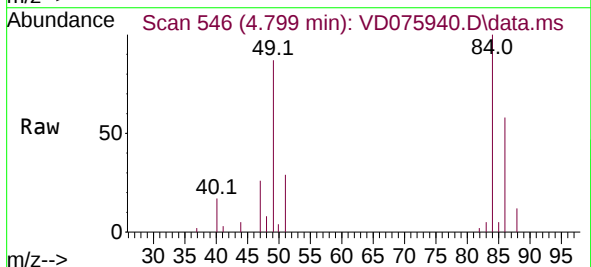
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MSVOA_D
ClientSampleId :

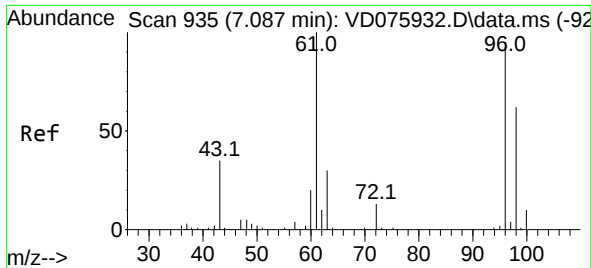
Tgt Ion: 43 Resp: 684080
Ion Ratio Lower Upper
43 100
58 42.4 0.0 87.4



#16
Methylene chloride
Concen: 1.923 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30

Tgt Ion: 84 Resp: 22191
Ion Ratio Lower Upper
84 100
86 58.2 45.8 85.2
49 87.4 60.8 112.8

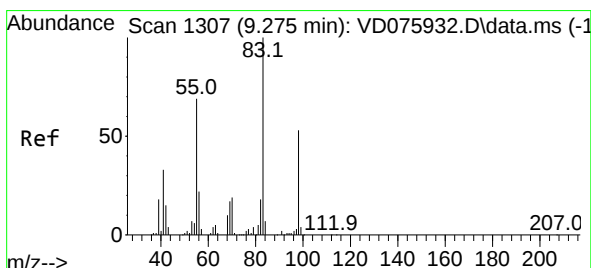
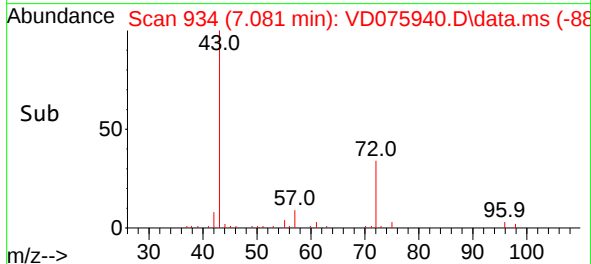
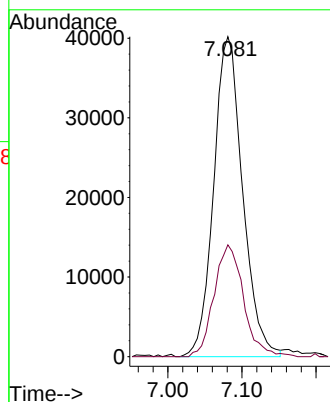
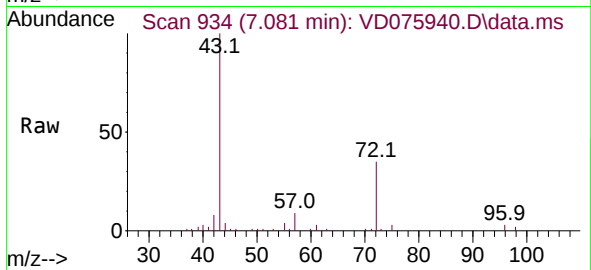




#22
2-Butanone
Concen: 90.263 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30

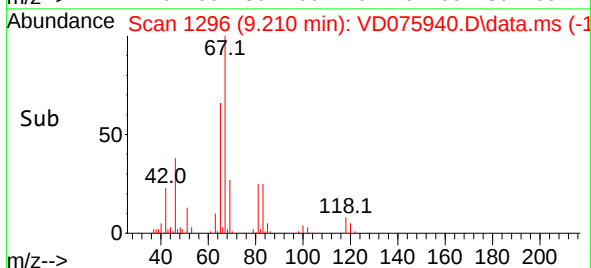
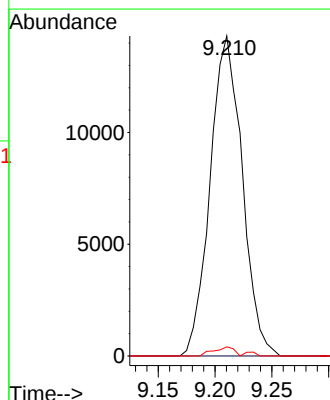
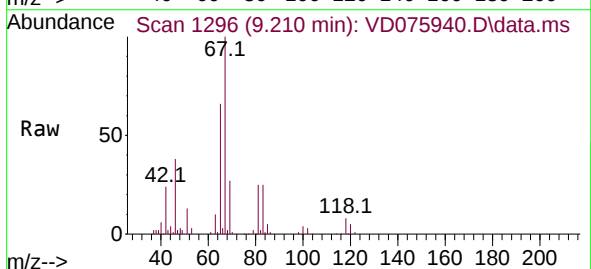
Instrument :
MSVOA_D
ClientSampleId :

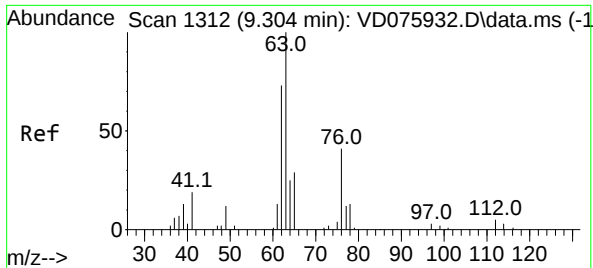
Tgt Ion: 43 Resp: 109091
Ion Ratio Lower Upper
43 100
72 35.2 20.5 61.5



#35
Methylcyclohexane
Concen: 2.550 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30

Tgt Ion: 83 Resp: 28133
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 1.8 40.8 61.2#

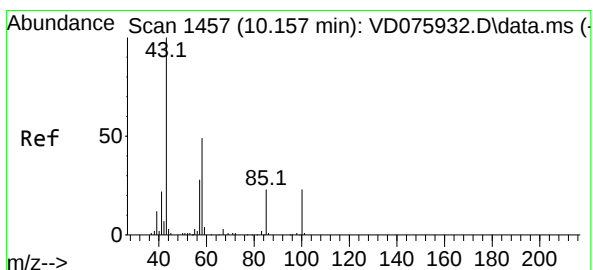
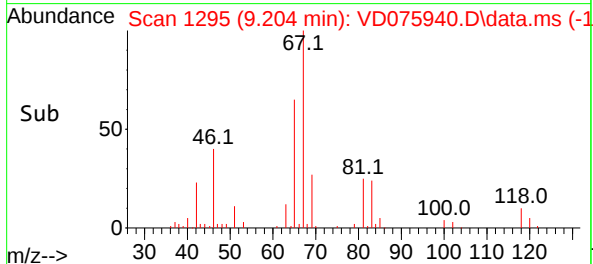
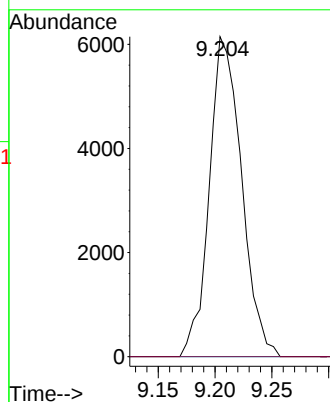
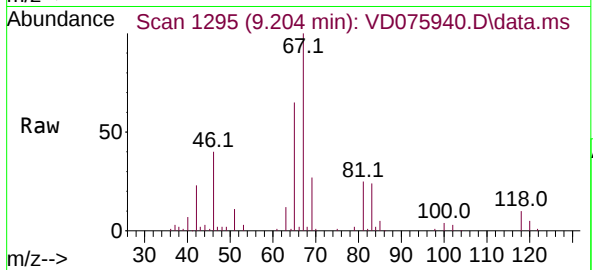




#37
1,2-Dichloropropane
Concen: 1.911 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30

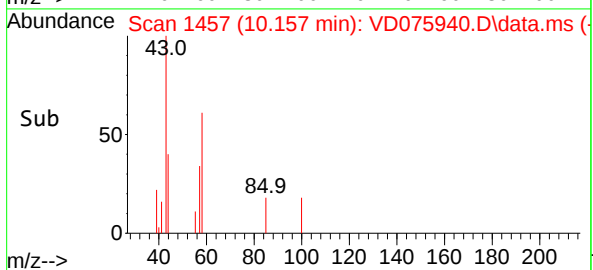
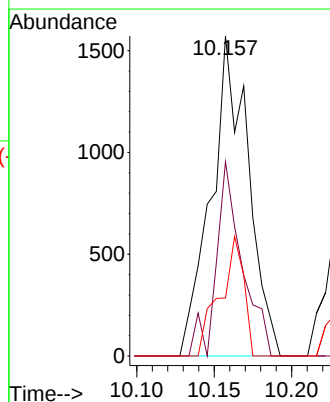
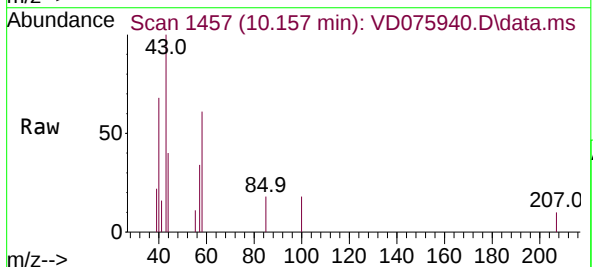
Instrument :
MSVOA_D
ClientSampleId :

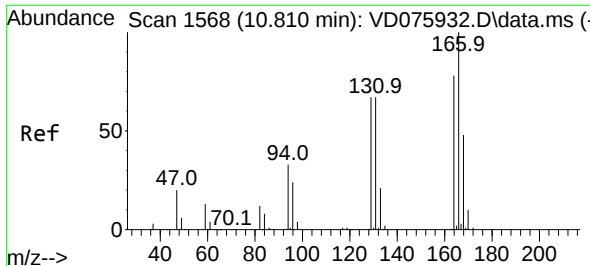
Tgt Ion: 63 Resp: 12143
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#40
4-Methyl-2-pentanone
Concen: 1.128 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30

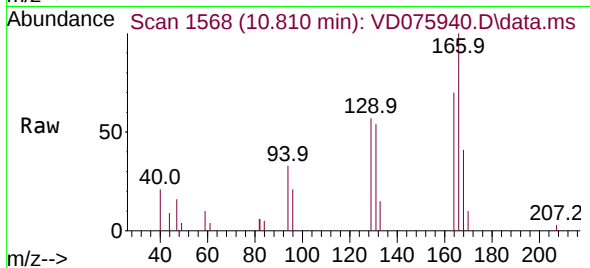
Tgt Ion: 43 Resp: 2615
Ion Ratio Lower Upper
43 100
58 39.5 39.1 58.7
100 17.1 19.4 29.0#



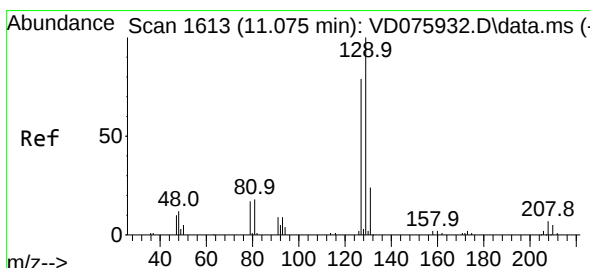
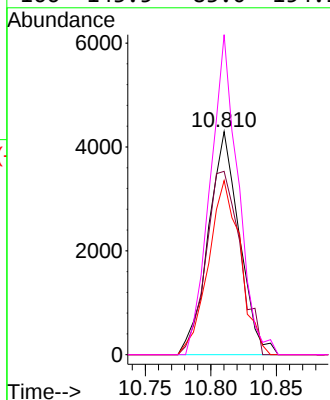
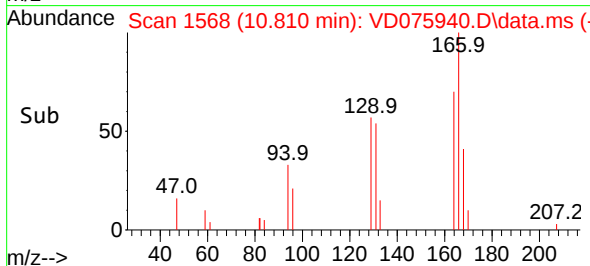


#46
Tetrachloroethene
Concen: 1.207 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30

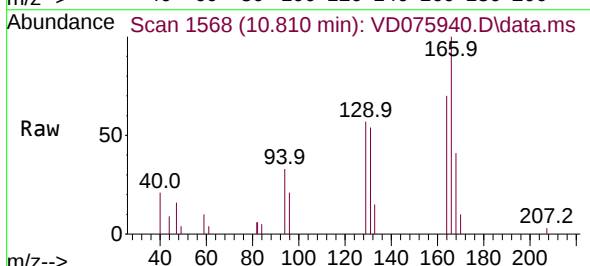
Instrument :
MSVOA_D
ClientSampleId :



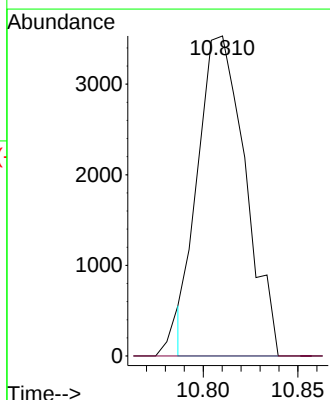
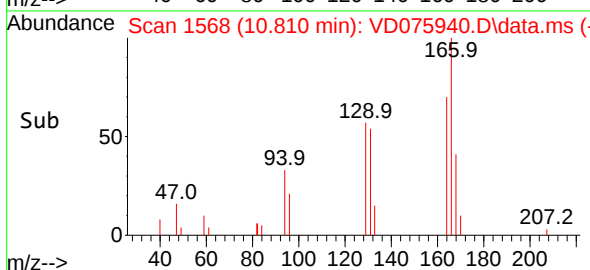
Tgt Ion:164 Resp: 7085
Ion Ratio Lower Upper
164 100
129 82.2 60.3 112.1
131 78.1 58.9 109.3
166 143.5 83.0 154.1

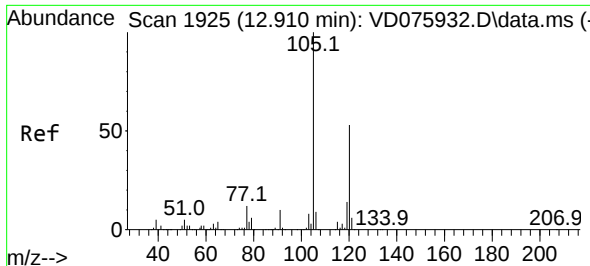


#49
Dibromochloromethane
Concen: 1.041 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30



Tgt Ion:129 Resp: 6127
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#

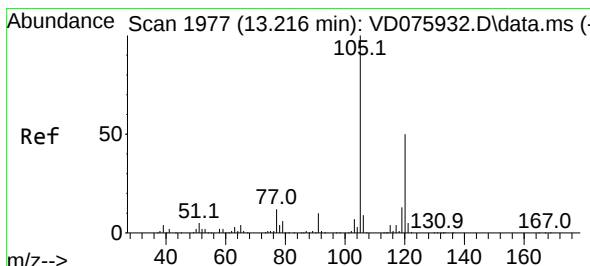
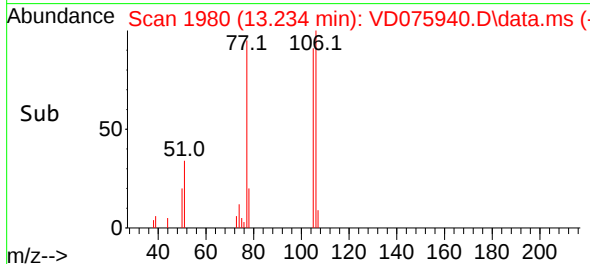
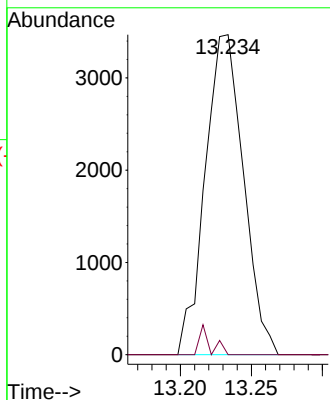
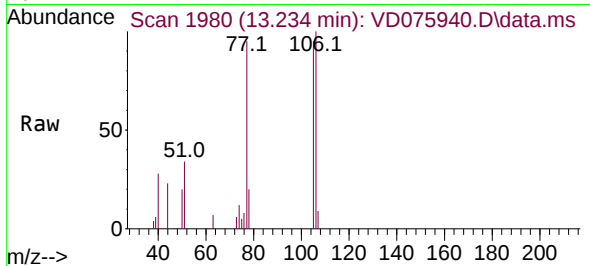




#62
 1,3,5-Trimethylbenzene
 Concen: 0.384 ug/L
 RT: 13.234 min Scan# 1925
 Delta R.T. 0.323 min
 Lab File: VD075940.D
 Acq: 01 May 2023 15:30

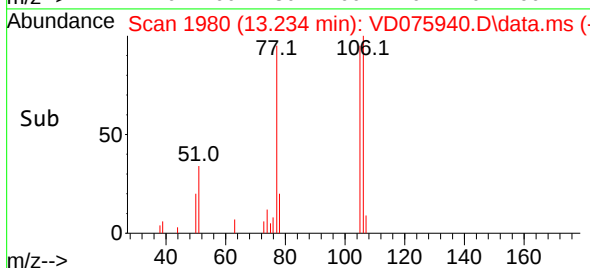
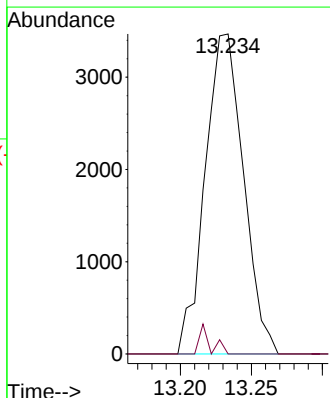
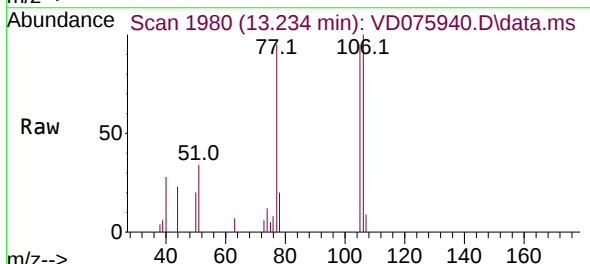
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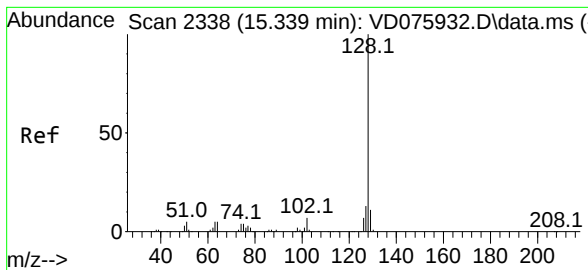
Tgt Ion:105 Resp: 6516
 Ion Ratio Lower Upper
 105 100
 120 0.8 42.0 63.0#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.399 ug/L
 RT: 13.234 min Scan# 1980
 Delta R.T. 0.018 min
 Lab File: VD075940.D
 Acq: 01 May 2023 15:30

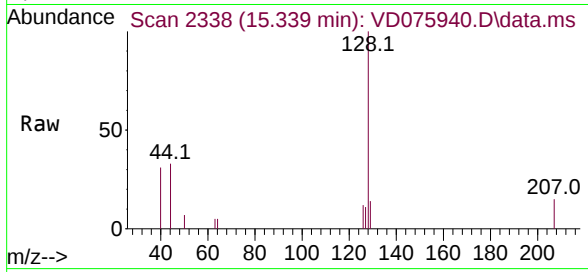
Tgt Ion:105 Resp: 6516
 Ion Ratio Lower Upper
 105 100
 120 0.8 39.0 58.6#





#71
Naphthalene
Concen: 0.527 ug/L
RT: 15.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075940.D
Acq: 01 May 2023 15:30

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	5831
Ion Ratio	100	Lower	Upper
128	100		
127	10.1	10.5	15.7#
129	8.2	9.1	13.7#

