

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075857.D
 Acq On : 27 Apr 2023 13:11
 Operator : KP/SY
 Sample : 02447-15RE
 Misc : 5.45G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW935RE

Quant Time: Apr 28 02:57:13 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)

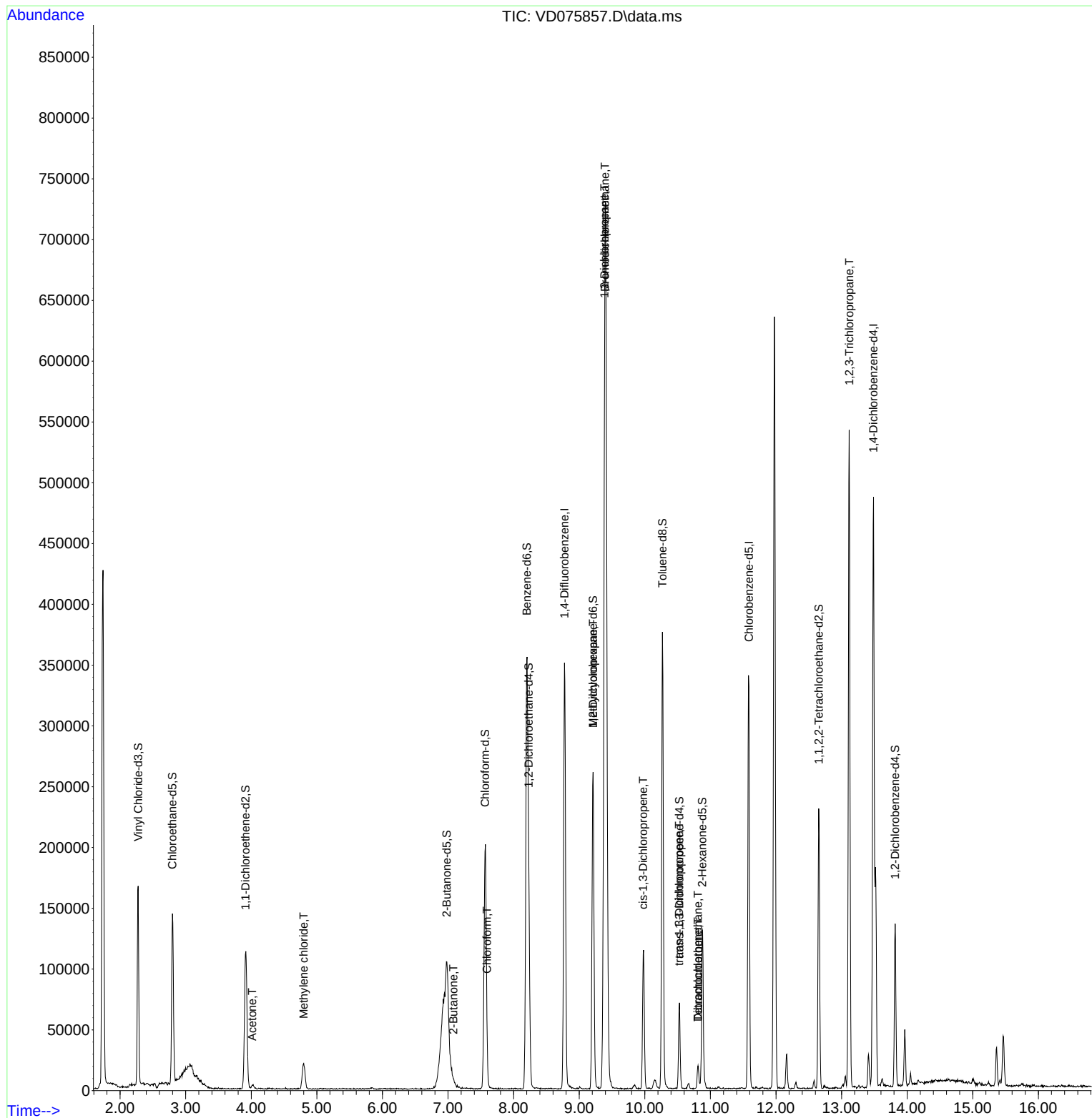
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	346380	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	223257	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.487	152	147988	25.000	ug/L	-0.04
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	163322	21.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.960%
7) Chloroethane-d5	2.799	69	155618	23.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	3.911	65	32104	18.326	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.320%
21) 2-Butanone-d5	6.981	46	262373	397.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	795.480%#
24) Chloroform-d	7.563	84	219119	25.297	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	8.228	65	110415	29.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.400%
32) Benzene-d6	8.199	84	411388	31.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.480%
36) 1,2-Dichloropropane-d6	9.210	67	138766	38.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.120%#
41) Toluene-d8	10.269	98	282075	23.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	10.528	79	41432	27.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.320%
47) 2-Hexanone-d5	10.875	63	48677	112.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	224.480%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	123407	44.776	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	179.120%#
66) 1,2-Dichlorobenzene-d4	13.816	152	37814	7.224	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	28.880%#
Target Compounds						Qvalue
13) Acetone	4.017	43	2443	4.328	ug/L	41
16) Methylene chloride	4.799	84	19848	2.825	ug/L	90
22) 2-Butanone	7.081	43	648	0.880	ug/L #	34
25) Chloroform	7.593	83	4262	0.508	ug/L	83
35) Methylcyclohexane	9.210	83	33746	6.267	ug/L #	26
37) 1,2-Dichloropropane	9.387	63	1976	0.637	ug/L #	85
38) Bromodichloromethane	9.393	83	28576	6.832	ug/L #	40
39) cis-1,3-Dichloropropene	9.975	75	2923	0.592	ug/L	93
44) trans-1,3-Dichloropropene	10.522	75	1687	0.426	ug/L	87
46) Tetrachloroethene	10.810	164	5068	1.769	ug/L	92
49) Dibromochloromethane	10.810	129	4076	1.419	ug/L #	10
61) 1,2,3-Trichloropropane	13.116	75	18986	8.167	ug/L #	64

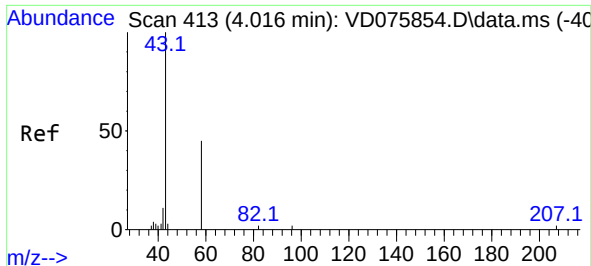
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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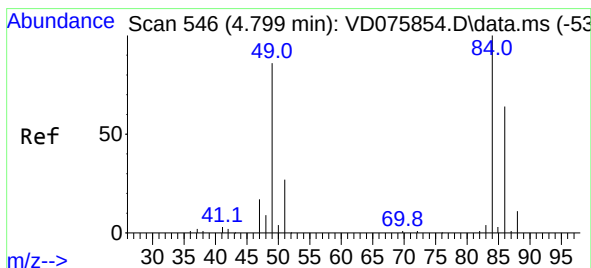
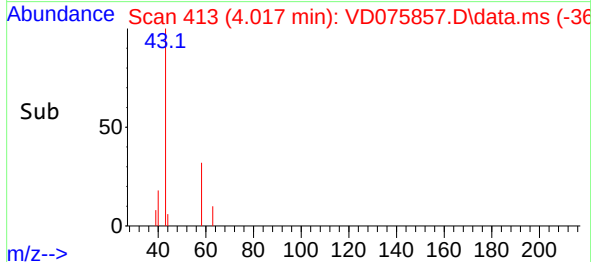
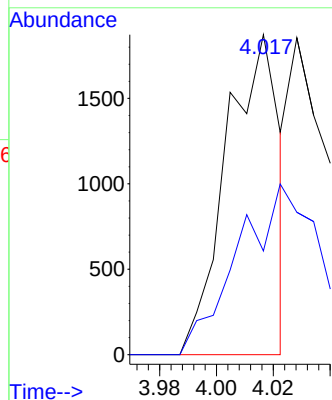
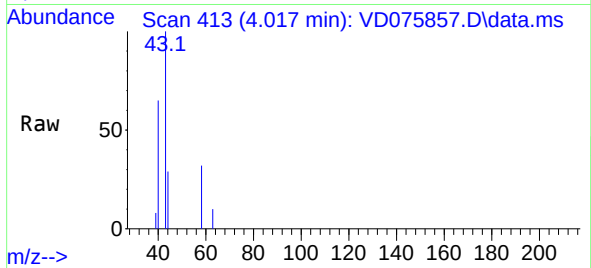




#13
Acetone
Concen: 4.328 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

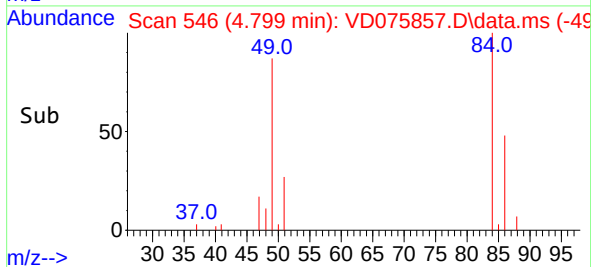
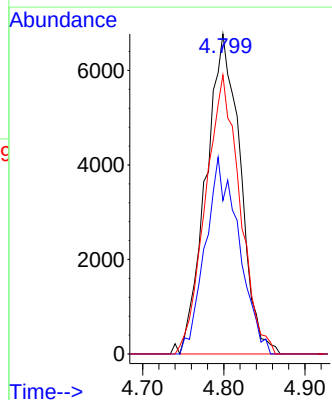
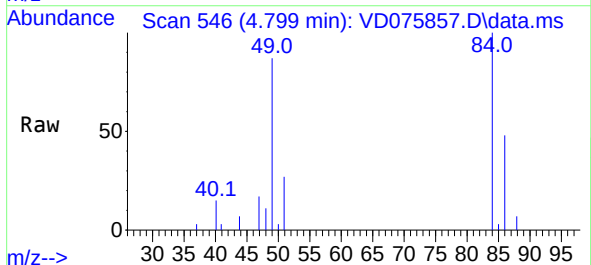
Instrument :
MSVOA_D
ClientSampleId :
EW935RE

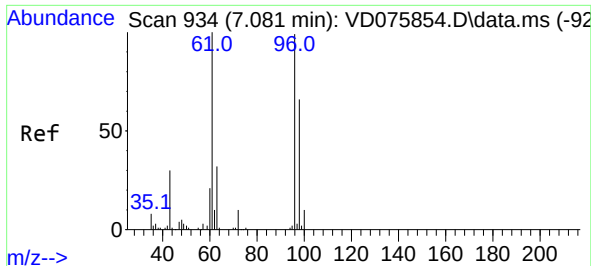
Tgt Ion: 43 Resp: 2443
Ion Ratio Lower Upper
43 100
58 81.7 0.0 87.4



#16
Methylene chloride
Concen: 2.825 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

Tgt Ion: 84 Resp: 19848
Ion Ratio Lower Upper
84 100
86 47.9 45.8 85.2
49 87.1 60.8 112.8

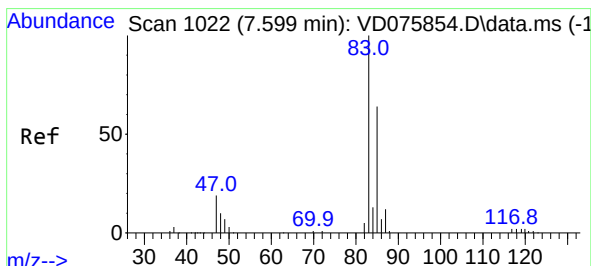
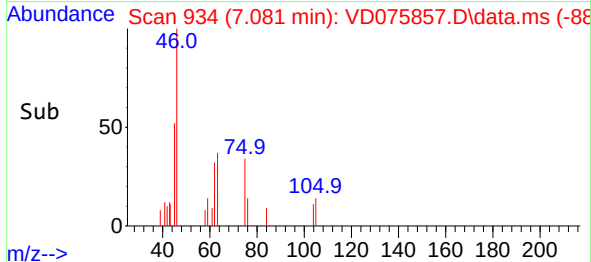
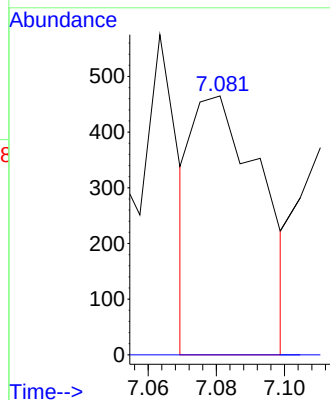
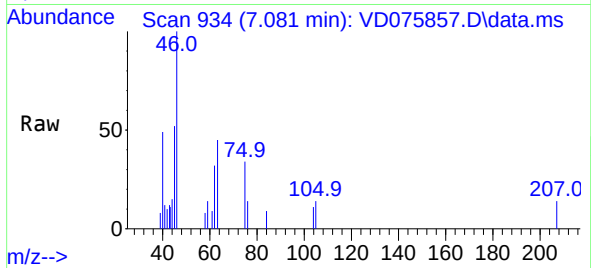




#22
2-Butanone
Concen: 0.880 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

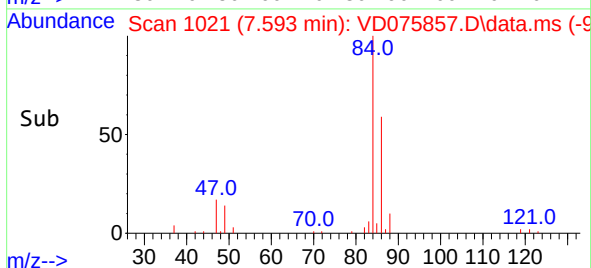
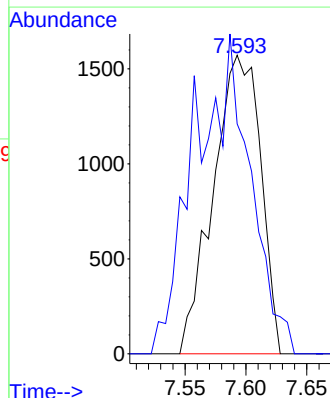
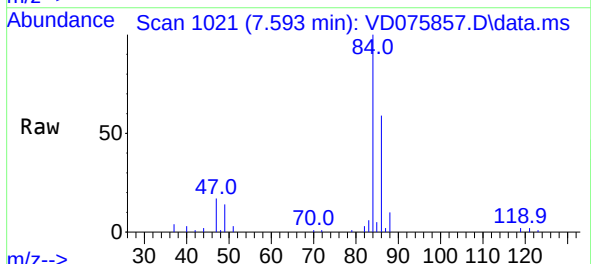
Instrument :
MSVOA_D
ClientSampleId :
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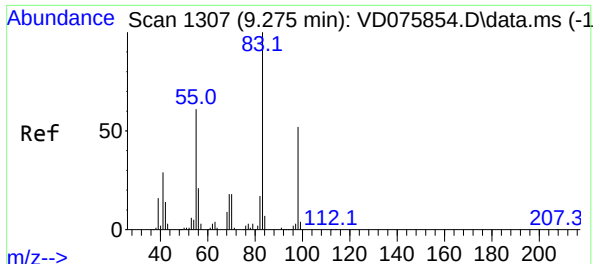
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#25
Chloroform
Concen: 0.508 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

Tgt Ion: 83 Resp: 4262
Ion Ratio Lower Upper
83 100
85 77.0 44.4 82.5





#35

Methylcyclohexane

Concen: 6.267 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.065 min

Lab File: VD075857.D

Acq: 27 Apr 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

EW935RE

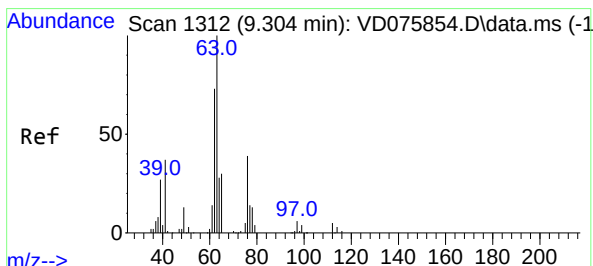
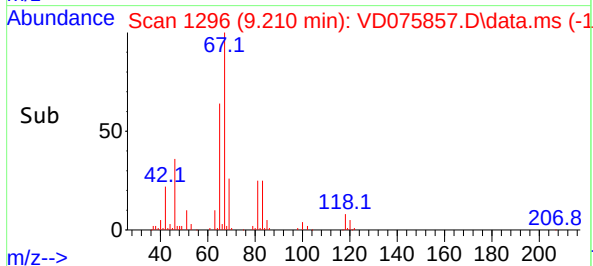
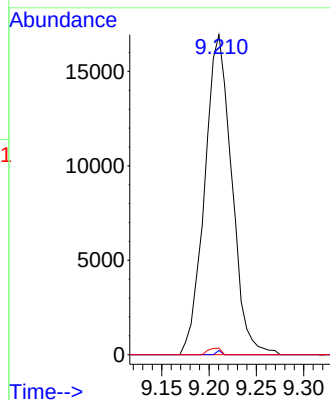
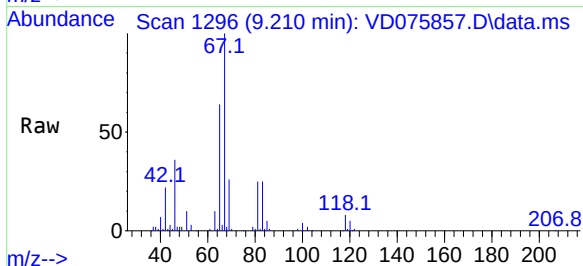
Tgt Ion: 83 Resp: 33746

Ion Ratio Lower Upper

83 100

55 2.8 48.2 72.2#

98 1.0 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 9.387 min Scan# 1326

Delta R.T. 0.082 min

Lab File: VD075857.D

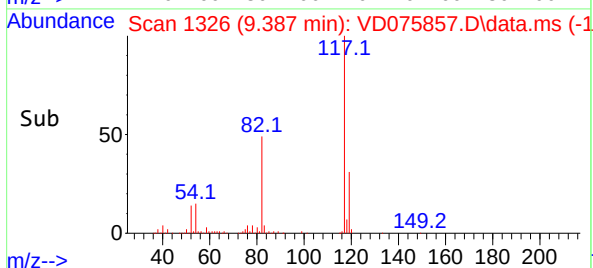
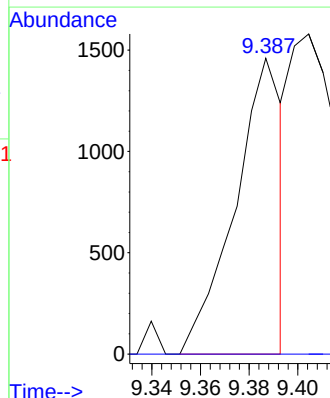
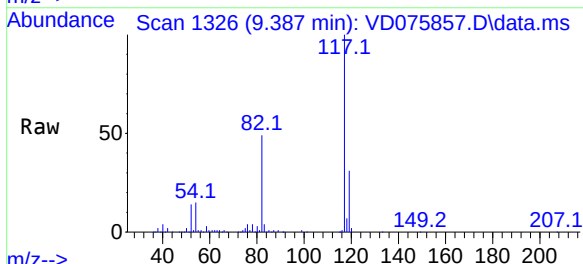
Acq: 27 Apr 2023 13:11

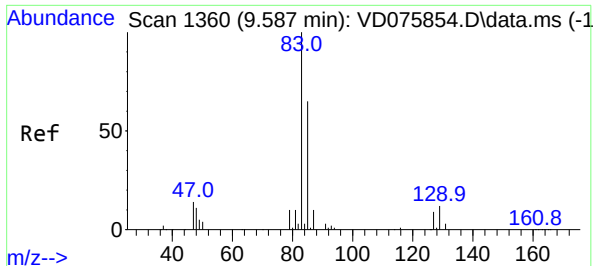
Tgt Ion: 63 Resp: 1976

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

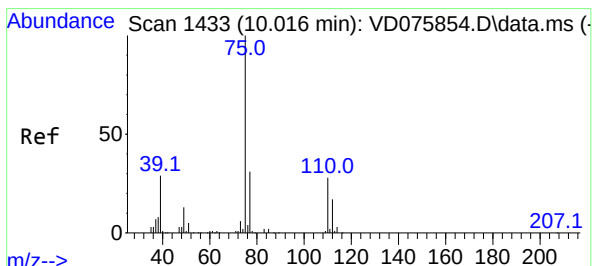
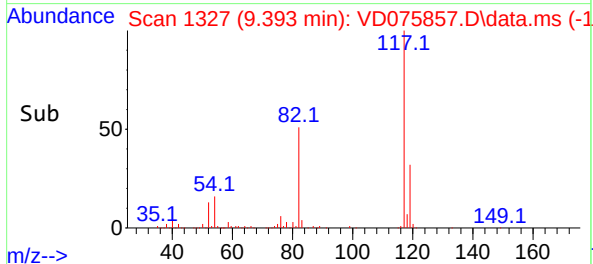
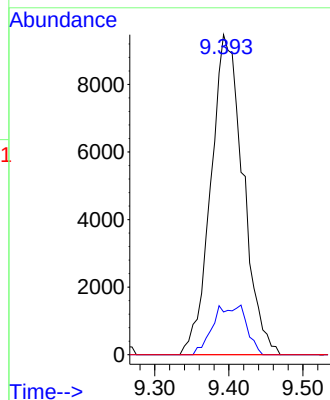
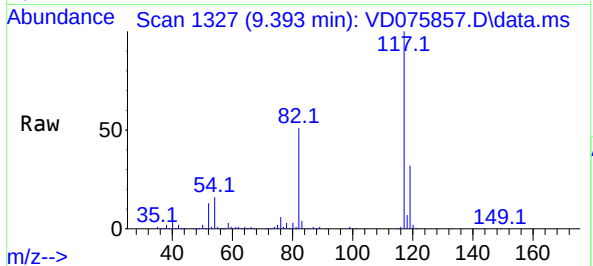




#38
Bromodichloromethane
Concen: 6.832 ug/L
RT: 9.393 min Scan# 11
Delta R.T. -0.194 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

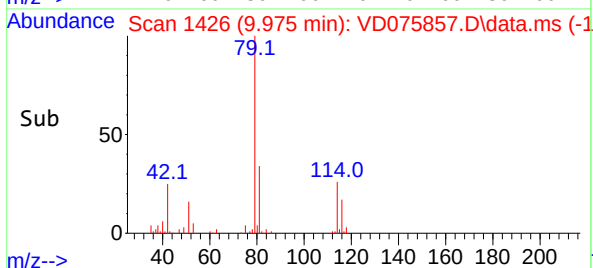
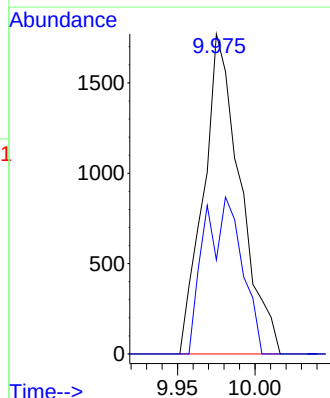
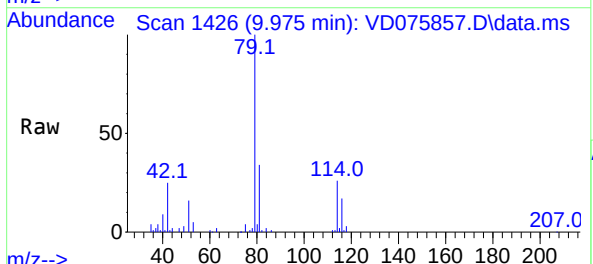
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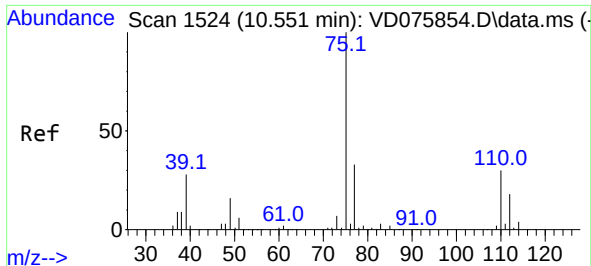
Tgt Ion: 83 Resp: 28576
Ion Ratio Lower Upper
83 100
85 13.4 44.2 82.2#
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.592 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

Tgt Ion: 75 Resp: 2923
Ion Ratio Lower Upper
75 100
77 29.4 23.4 43.6

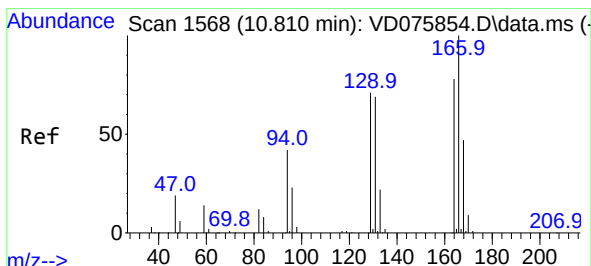
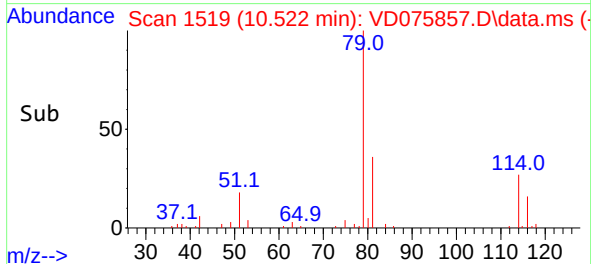
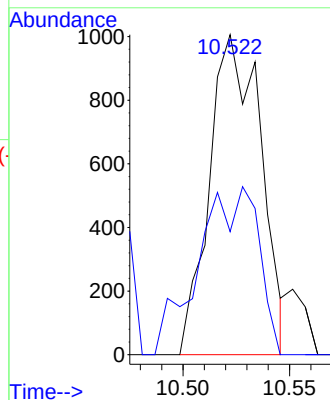
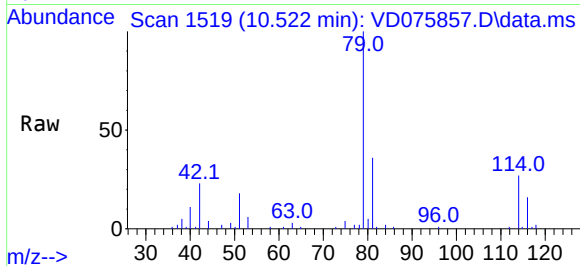




#44
trans-1,3-Dichloropropene
Concen: 0.426 ug/L
RT: 10.522 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

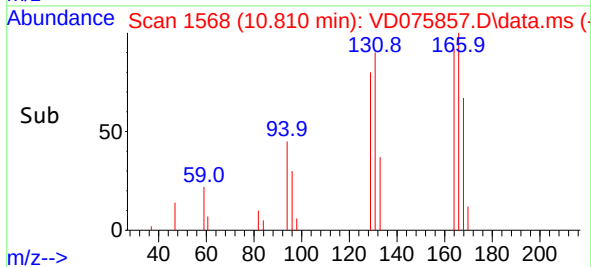
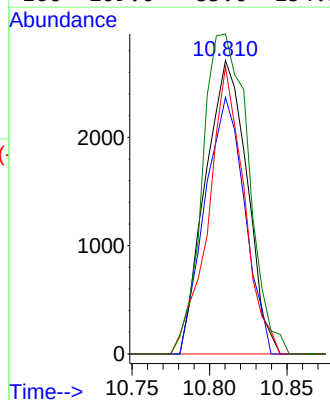
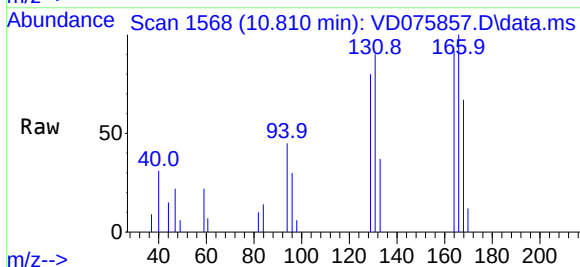
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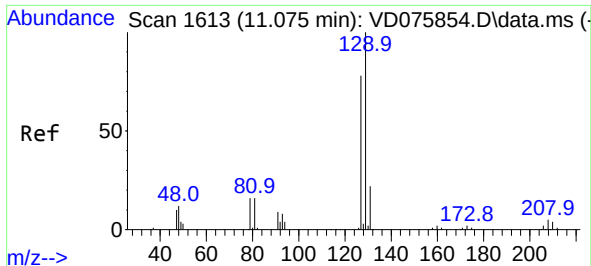
Tgt Ion: 75 Resp: 1687
Ion Ratio Lower Upper
75 100
77 38.5 22.0 41.0



#46
Tetrachloroethene
Concen: 1.769 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

Tgt Ion:164 Resp: 5068
Ion Ratio Lower Upper
164 100
129 87.3 60.3 112.1
131 97.8 58.9 109.3
166 109.0 83.0 154.1

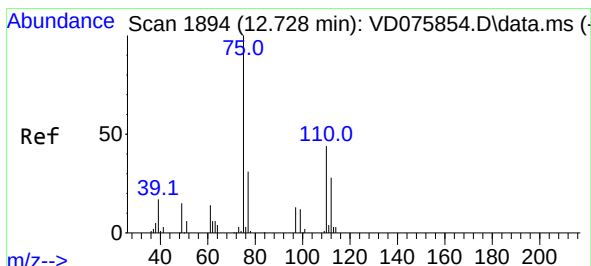
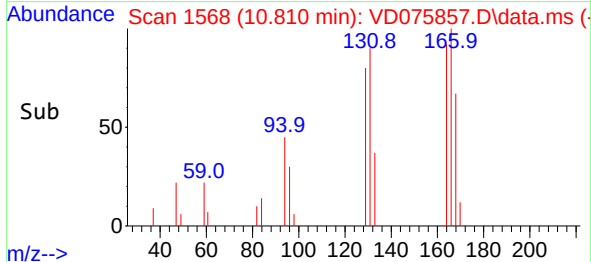
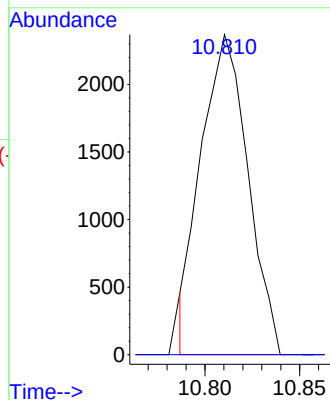
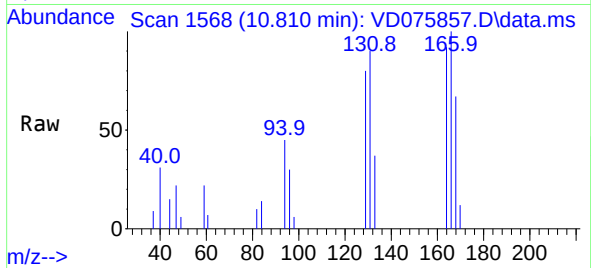




#49
Dibromochloromethane
Concen: 1.419 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.265 min
Lab File: VD075857.D
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Tgt Ion:129 Resp: 4076
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#61
1,2,3-Trichloropropane
Concen: 8.167 ug/L
RT: 13.116 min Scan# 1960
Delta R.T. 0.388 min
Lab File: VD075857.D
Acq: 27 Apr 2023 13:11

Tgt Ion: 75 Resp: 18986
Ion Ratio Lower Upper
75 100
77 31.7 26.6 39.8
110 2.1 33.5 50.3#

