

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075576.D
 Acq On : 05 Apr 2023 13:28
 Operator : KP/SY
 Sample : 02193-01
 Misc : 5.59G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C11C4

Quant Time: Apr 05 23:37:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

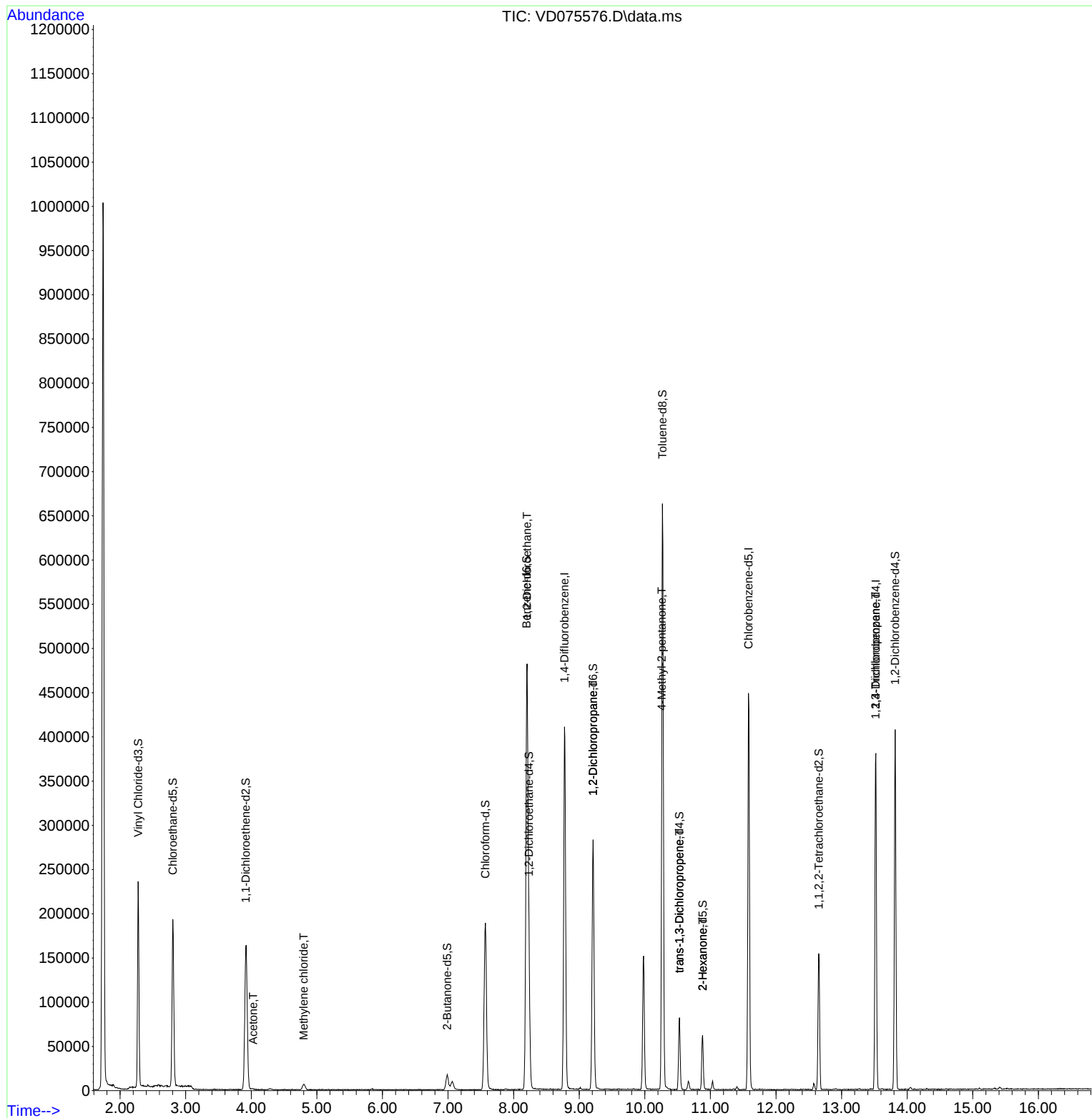
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	414258	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	285910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	113671	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	218015	22.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.400%
7) Chloroethane-d5	2.805	69	203904	23.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
11) 1,1-Dichloroethene-d2	3.917	63	140790	18.097	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.400%
21) 2-Butanone-d5	6.987	46	26954	42.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.820%
24) Chloroform-d	7.569	84	209515	21.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	8.234	65	106140	24.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	8.199	84	558055	33.386	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.560%
36) 1,2-Dichloropropane-d6	9.210	67	148901	33.427	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.720%#
41) Toluene-d8	10.269	98	508039	32.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.640%
43) trans-1,3-Dichloroprop...	10.528	79	47972	25.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.320%
47) 2-Hexanone-d5	10.881	63	23226	44.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.120%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84894	25.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	112524	28.858	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.440%
Target Compounds	Qvalue					
13) Acetone	4.028	43	1115	1.693	ug/L #	36
16) Methylene chloride	4.799	84	4661	0.819	ug/L #	81
27) 1,2-Dichloroethane	8.205	62	1211	0.272	ug/L #	67
37) 1,2-Dichloropropane	9.210	63	14889	4.302	ug/L #	82
40) 4-Methyl-2-pentanone	10.257	43	1275	0.983	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	2166	0.464	ug/L	95
48) 2-Hexanone	10.881	43	2107	2.410	ug/L #	56
61) 1,2,3-Trichloropropane	13.516	75	13336	7.412	ug/L #	59

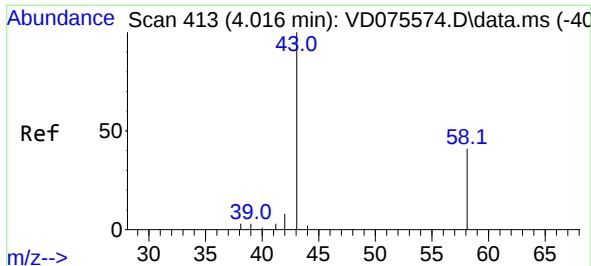
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 01 00:08:20 2023
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#13

Acetone

Concen: 1.693 ug/L

RT: 4.028 min Scan# 413

Delta R.T. 0.012 min

Lab File: VD075576.D

Acq: 05 Apr 2023 13:28

Instrument :

MSVOA_D

ClientSampleId :

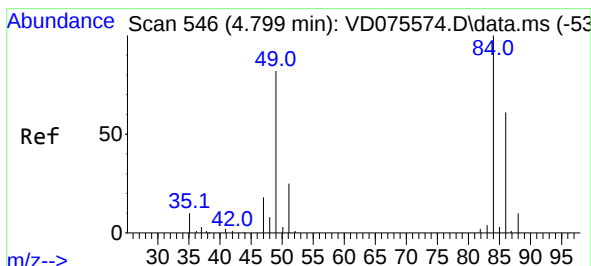
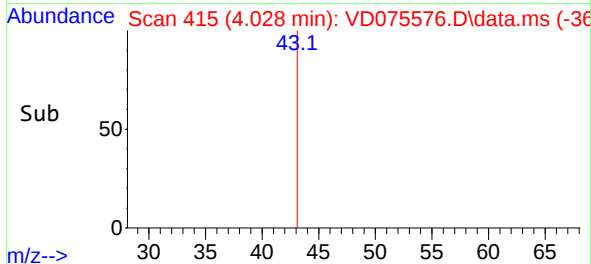
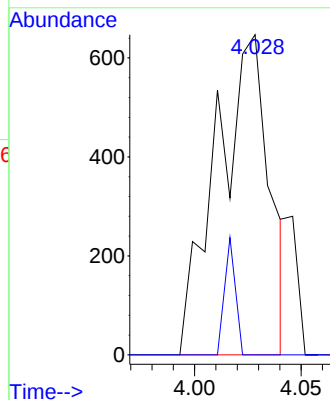
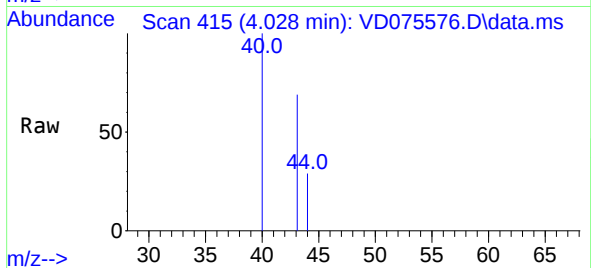
C11C4

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

58 0.0 0.0 77.4



#16

Methylene chloride

Concen: 0.819 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD075576.D

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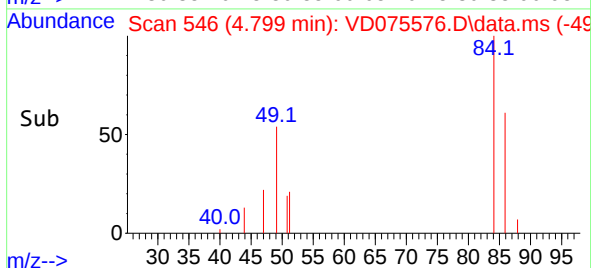
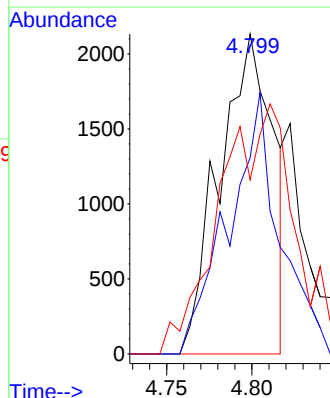
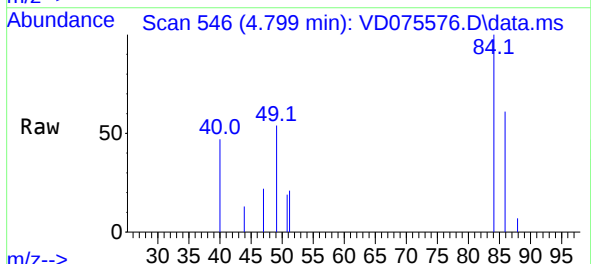
Tgt Ion: 84 Resp: 4661

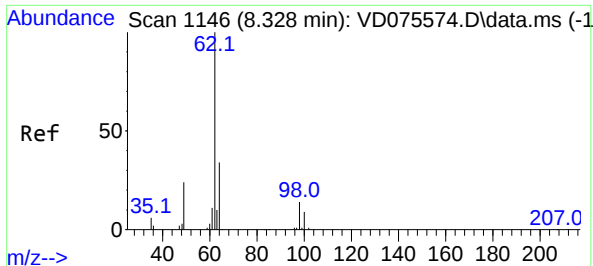
Ion Ratio Lower Upper

84 100

86 61.3 44.4 82.4

49 54.4 58.5 108.7#

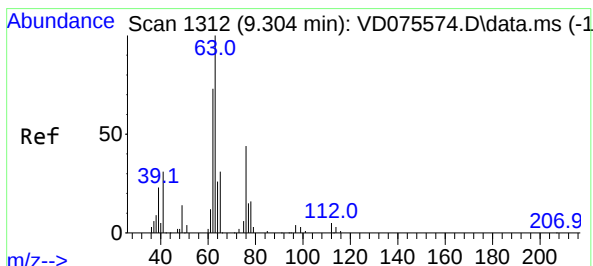
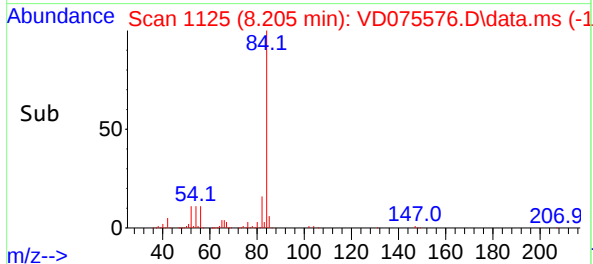
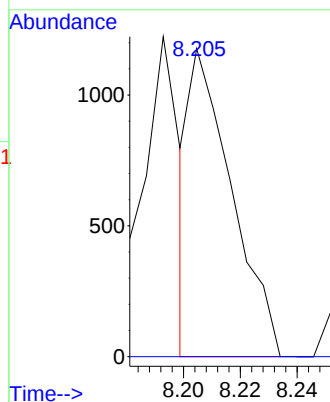
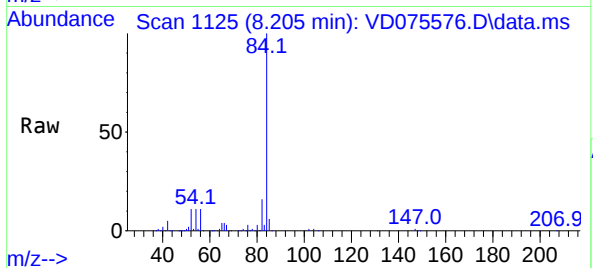




#27
1,2-Dichloroethane
Concen: 0.272 ug/L
RT: 8.205 min Scan# 1146
Delta R.T. -0.123 min
Lab File: VD075576.D
Acq: 05 Apr 2023 13:28

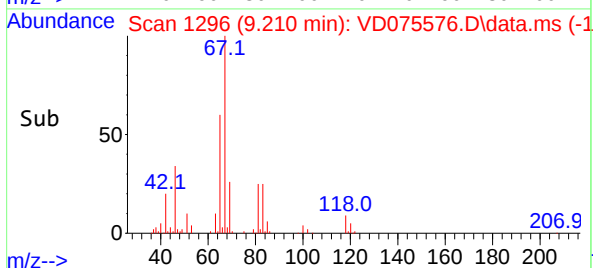
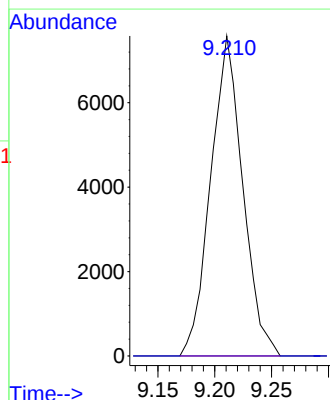
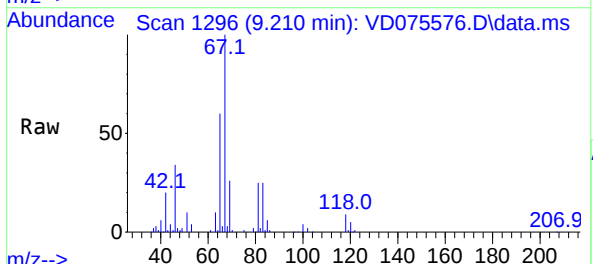
Instrument :
MSVOA_D
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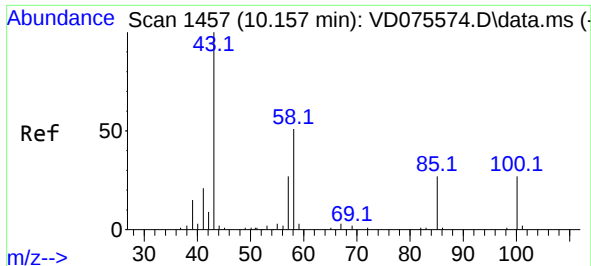
Tgt Ion: 62 Resp: 1211
Ion Ratio Lower Upper
62 100
98 0.0 10.5 15.7#



#37
1,2-Dichloropropane
Concen: 4.302 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075576.D
Acq: 05 Apr 2023 13:28

Tgt Ion: 63 Resp: 14889
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#

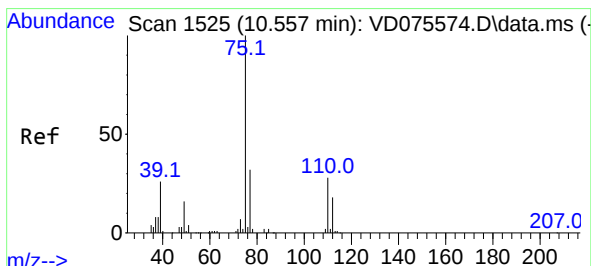
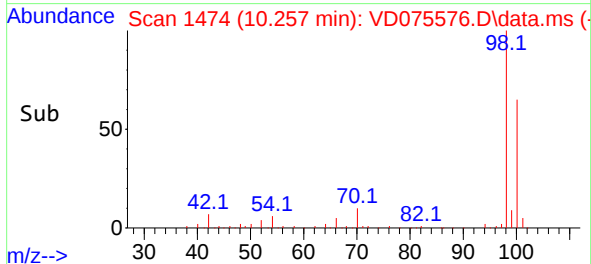
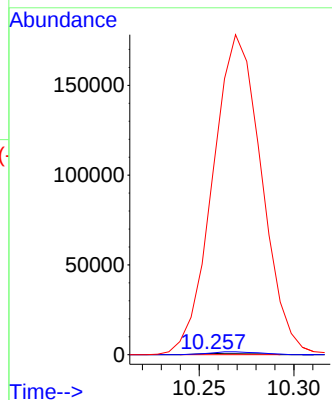
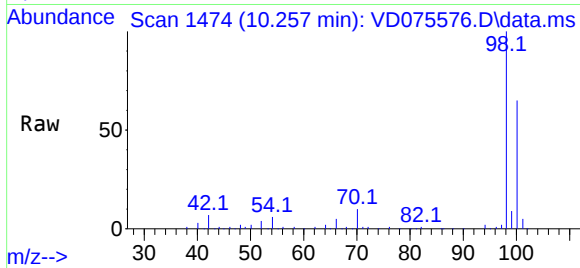




#40
4-Methyl-2-pentanone
Concen: 0.983 ug/L
RT: 10.257 min Scan# 1457
Delta R.T. 0.095 min
Lab File: VD075576.D
Acq: 05 Apr 2023 13:28

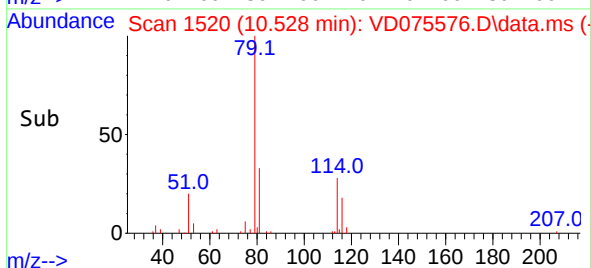
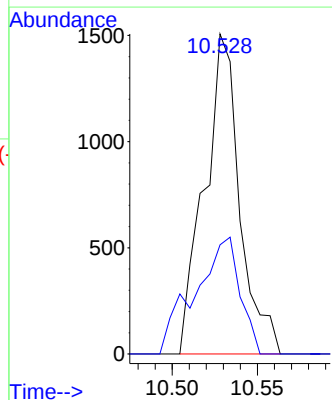
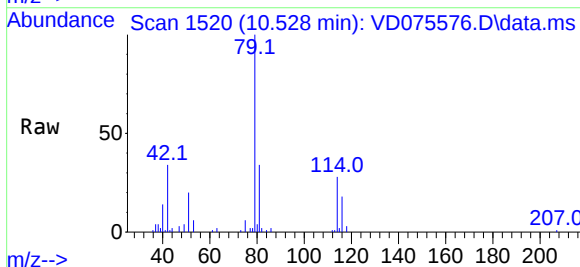
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C11C4

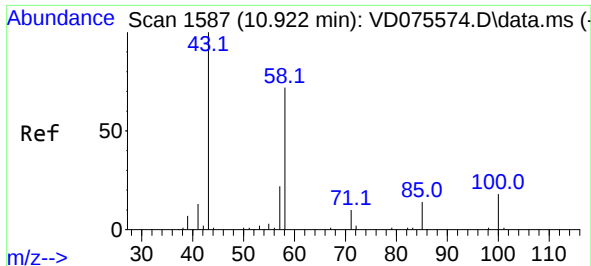
Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
58 235.4 39.4 59.0#
100 25299.8 20.3 30.5#



#44
trans-1,3-Dichloropropene
Concen: 0.464 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.029 min
Lab File: VD075576.D
Acq: 05 Apr 2023 13:28

Tgt Ion: 75 Resp: 2166
Ion Ratio Lower Upper
75 100
77 34.1 22.1 41.1



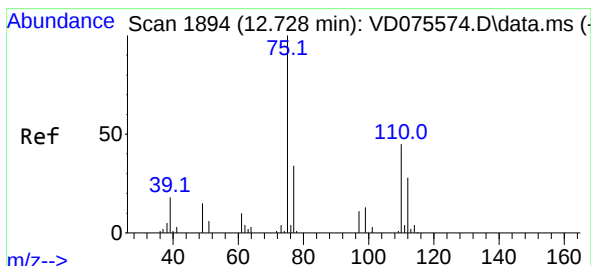
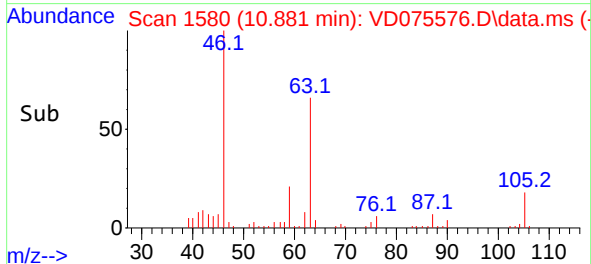
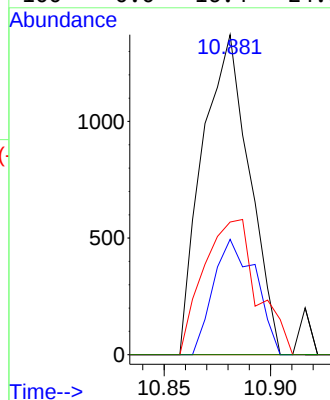
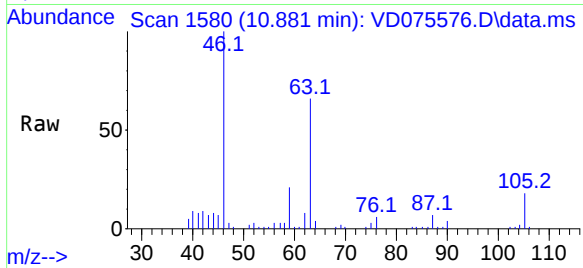


#48
2-Hexanone
Concen: 2.410 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD075576.D
Acq: 05 Apr 2023 13:28

Instrument :
MSVOA_D
ClientSampleId :
C11C4

Tgt Ion: 43 Resp: 2107

Ion	Ratio	Lower	Upper
43	100		
58	32.5	55.8	83.6#
57	41.7	18.6	27.8#
100	0.0	16.4	24.6#



#61
1,2,3-Trichloropropane
Concen: 7.412 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.789 min
Lab File: VD075576.D
Acq: 05 Apr 2023 13:28

Tgt Ion: 75 Resp: 13336

Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.7	38.5
110	0.0	35.9	53.9#

