

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075578.D
 Acq On : 05 Apr 2023 14:26
 Operator : KP/SY
 Sample : 02193-03
 Misc : 4.39G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C11C6

Quant Time: Apr 05 23:38:00 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)

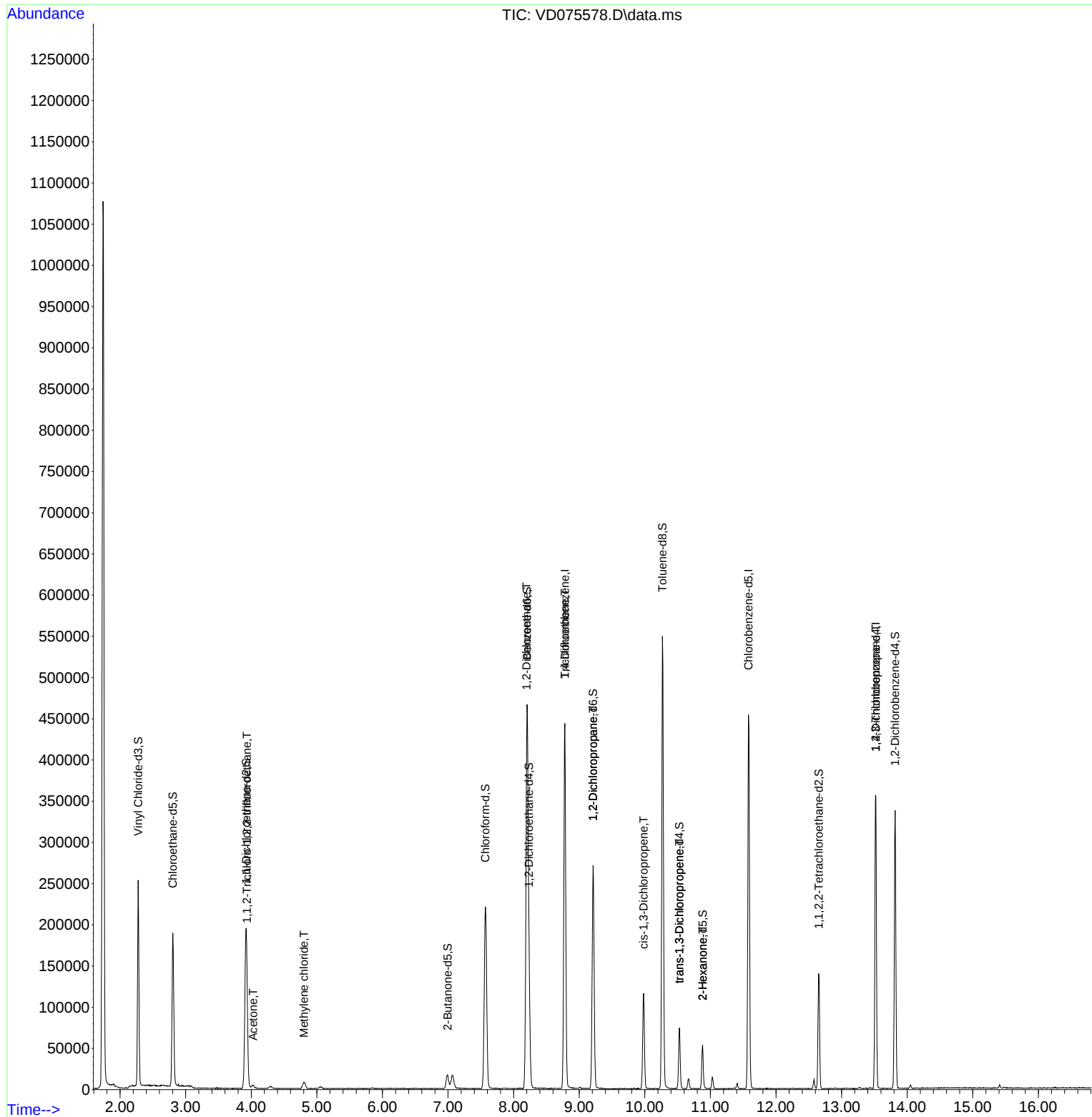
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	440565	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	106866	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	228692	22.295	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.160%		
7) Chloroethane-d5	2.805	69	199481	21.854	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.400%		
11) 1,1-Dichloroethene-d2	3.922	63	164326	19.861	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.440%		
21) 2-Butanone-d5	6.993	46	26852	40.198	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.400%		
24) Chloroform-d	7.569	84	252031	24.264	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.040%		
26) 1,2-Dichloroethane-d4	8.234	65	100652	21.866	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.480%		
32) Benzene-d6	8.205	84	546225	32.113	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	128.440%		
36) 1,2-Dichloropropane-d6	9.210	67	145081	32.005	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	128.040%#		
41) Toluene-d8	10.269	98	398769	25.002	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.000%		
43) trans-1,3-Dichloroprop...	10.528	79	43914	23.239	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.960%		
47) 2-Hexanone-d5	10.881	63	19372	36.114	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.220%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	74342	21.892	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.560%		
66) 1,2-Dichlorobenzene-d4	13.816	152	95189	25.967	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.880%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.934	101	1134	0.223	ug/L #	22
13) Acetone	4.028	43	6699	9.562	ug/L	92
16) Methylene chloride	4.805	84	7057	1.165	ug/L	84
27) 1,2-Dichloroethane	8.199	62	2067	0.437	ug/L #	67
34) Trichloroethene	8.781	95	11758	2.803	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	14367	4.079	ug/L #	82
39) cis-1,3-Dichloropropene	9.981	75	3416	0.612	ug/L	83
44) trans-1,3-Dichloropropene	10.528	75	1967	0.414	ug/L	86
48) 2-Hexanone	10.881	43	1966	2.210	ug/L #	47
61) 1,2,3-Trichloropropane	13.522	75	12683	7.498	ug/L #	52

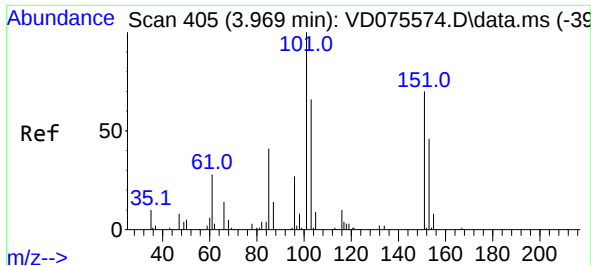
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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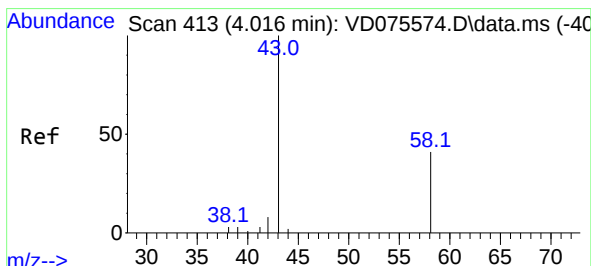
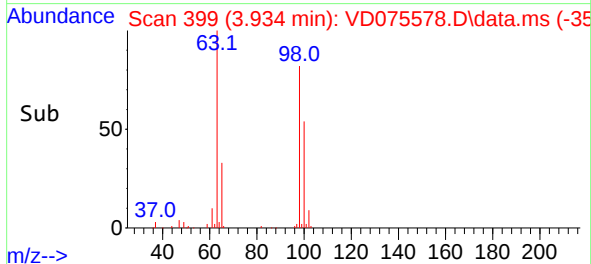
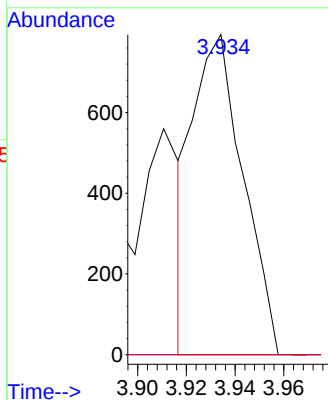
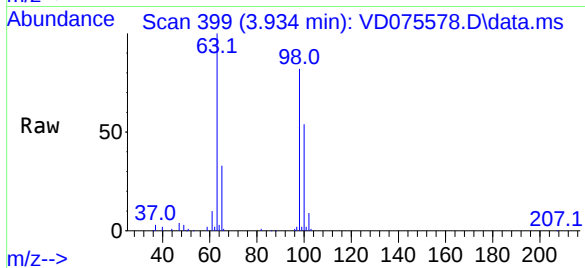




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.223 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.035 min
Lab File: VD075578.D
Acq: 05 Apr 2023 14:26

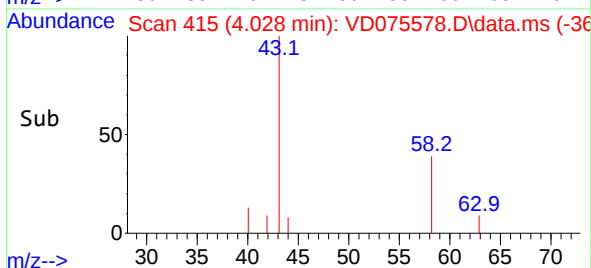
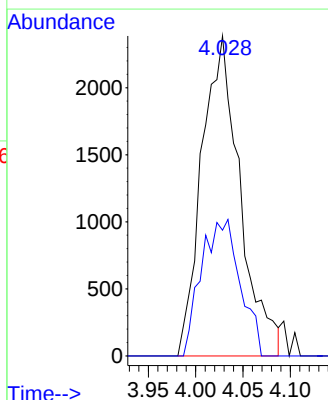
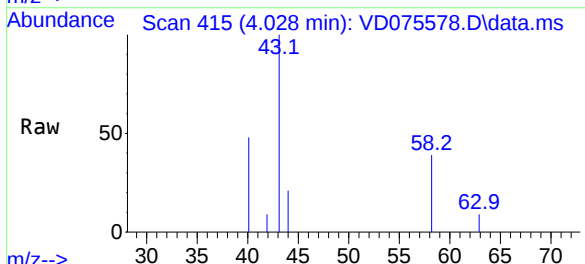
Instrument :
MSVOA_D
ClientSampleId :
C11C6

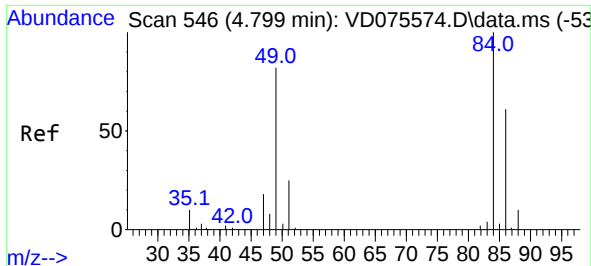
Tgt Ion:101 Resp: 1134
Ion Ratio Lower Upper
101 100
85 0.0 33.4 50.0#
151 0.0 55.8 83.8#



#13
Acetone
Concen: 9.562 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD075578.D
Acq: 05 Apr 2023 14:26

Tgt Ion: 43 Resp: 6699
Ion Ratio Lower Upper
43 100
58 43.3 0.0 77.4

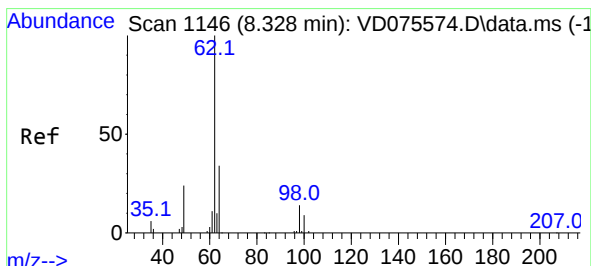
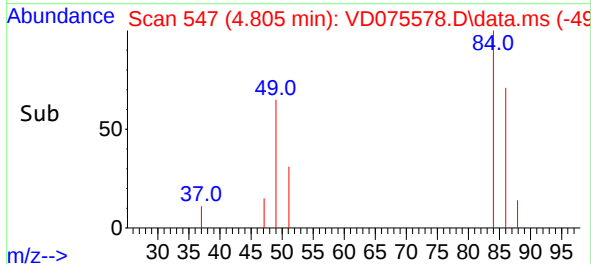
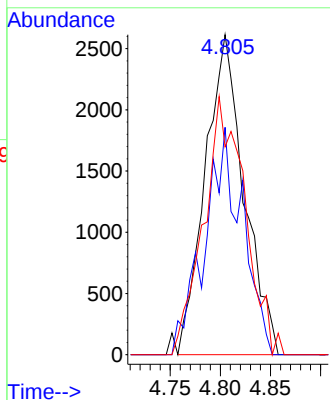
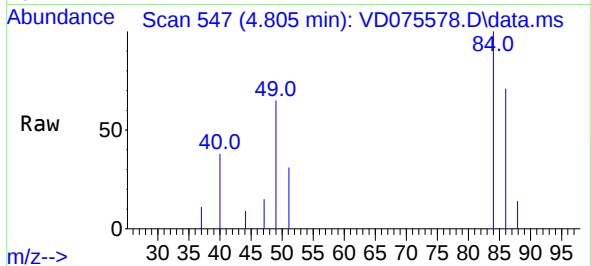




#16
Methylene chloride
Concen: 1.165 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD075578.D
Acq: 05 Apr 2023 14:26

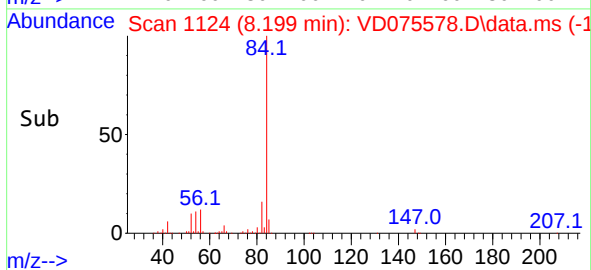
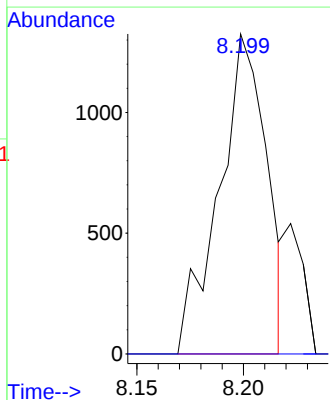
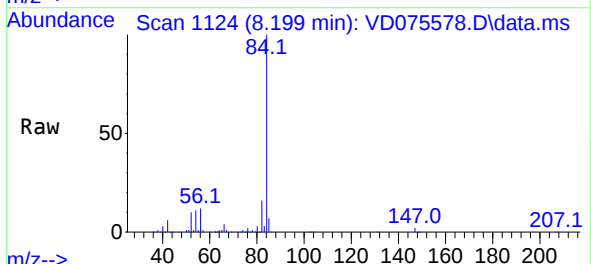
Instrument :
MSVOA_D
ClientSampleId :
C11C6

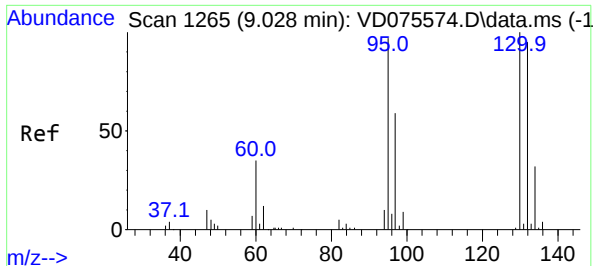
Tgt Ion: 84 Resp: 7057
Ion Ratio Lower Upper
84 100
86 71.1 44.4 82.4
49 65.0 58.5 108.7



#27
1,2-Dichloroethane
Concen: 0.437 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD075578.D
Acq: 05 Apr 2023 14:26

Tgt Ion: 62 Resp: 2067
Ion Ratio Lower Upper
62 100
98 0.0 10.5 15.7#

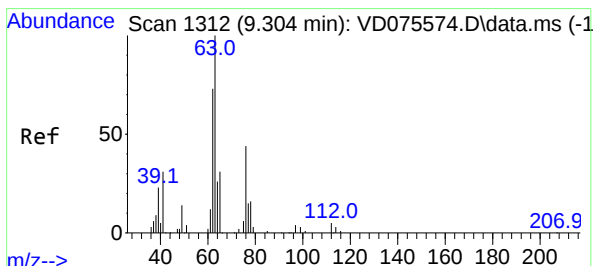
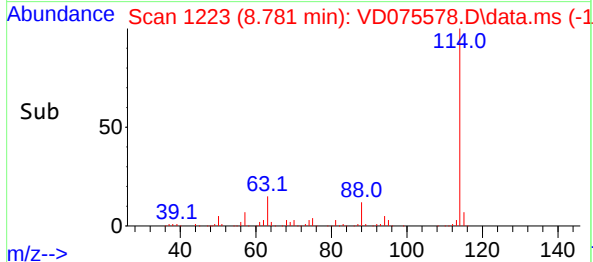
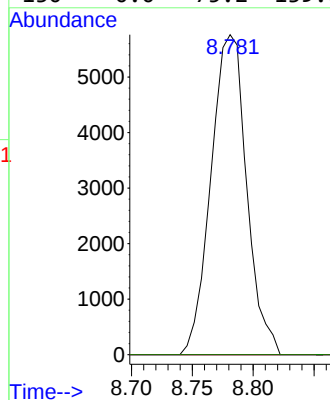
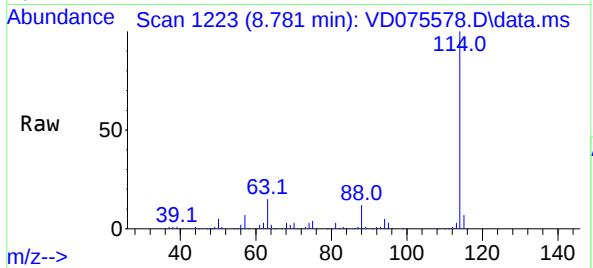




#34
Trichloroethene
Concen: 2.803 ug/L
RT: 8.781 min Scan# 11758
Delta R.T. -0.247 min
Lab File: VD075578.D
Acq: 05 Apr 2023 14:26

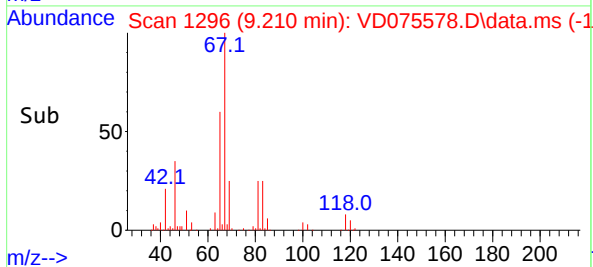
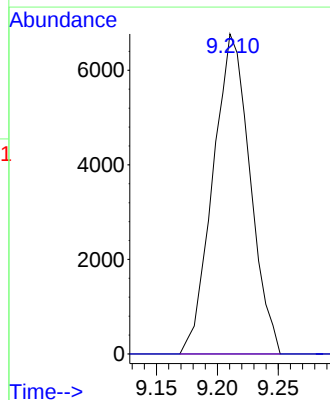
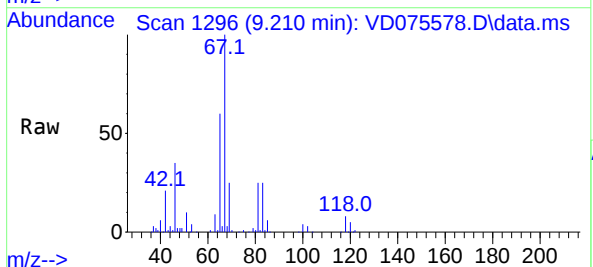
Instrument :
MSVOA_D
ClientSampleId :
C11C6

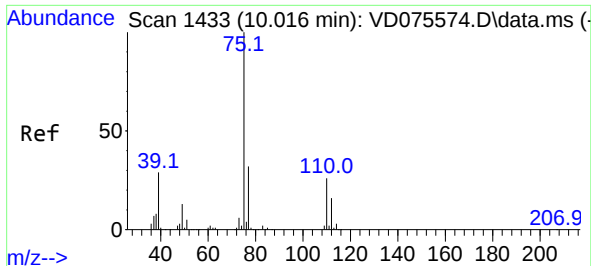
Tgt Ion: 95 Resp: 11758
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 71.2 132.2#
130 0.0 75.2 139.6#



#37
1,2-Dichloropropane
Concen: 4.079 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075578.D
Acq: 05 Apr 2023 14:26

Tgt Ion: 63 Resp: 14367
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#





#39

cis-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD075578.D

Acq: 05 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

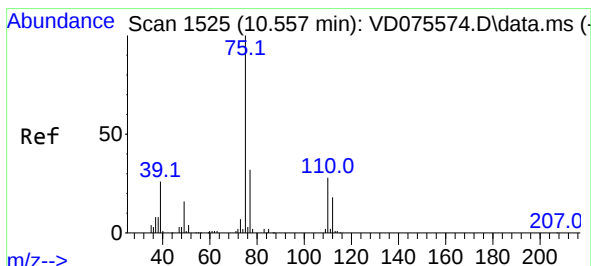
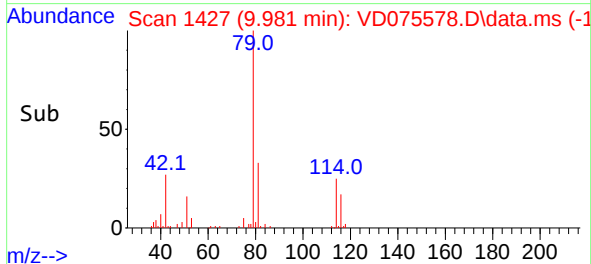
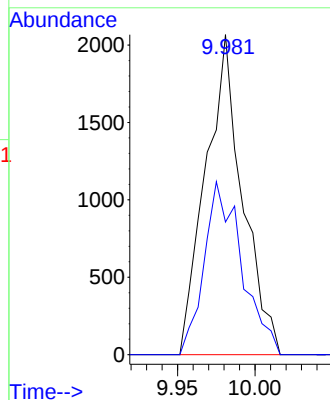
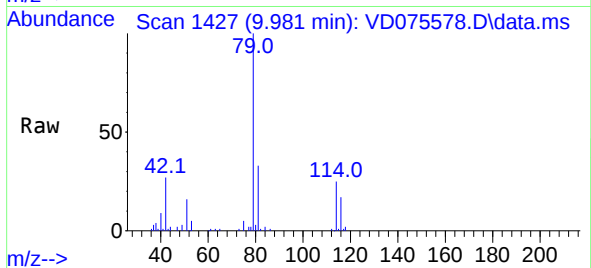
C11C6

Tgt Ion: 75 Resp: 3416

Ion Ratio Lower Upper

75 100

77 41.5 22.5 41.7



#44

trans-1,3-Dichloropropene

Concen: 0.414 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.029 min

Lab File: VD075578.D

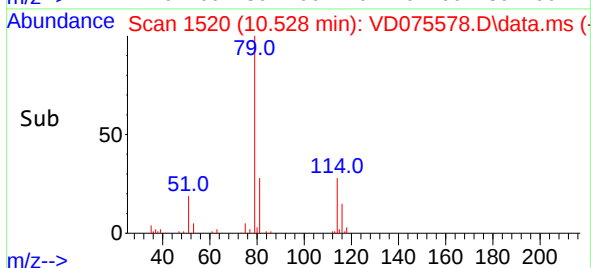
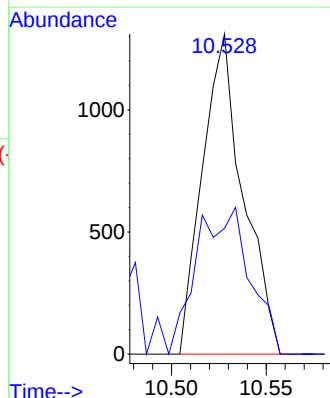
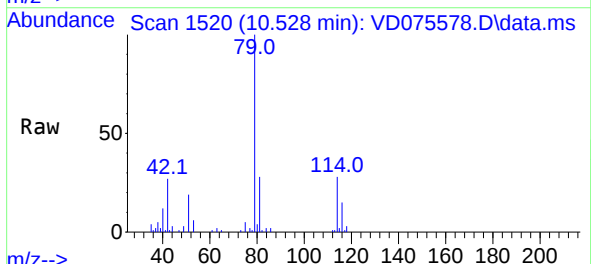
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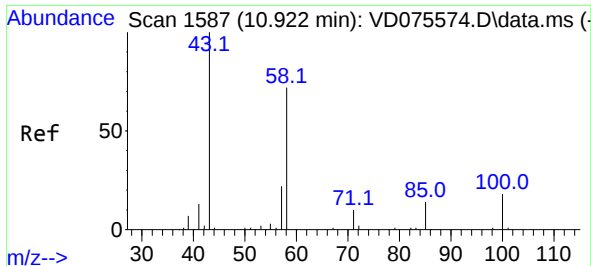
Tgt Ion: 75 Resp: 1967

Ion Ratio Lower Upper

75 100

77 39.3 22.1 41.1



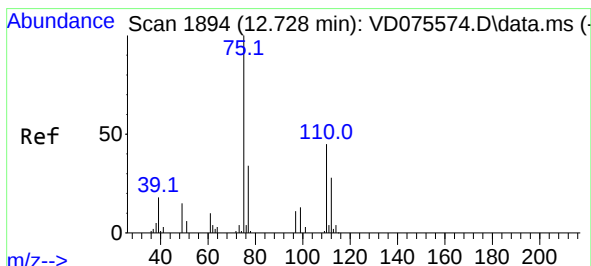
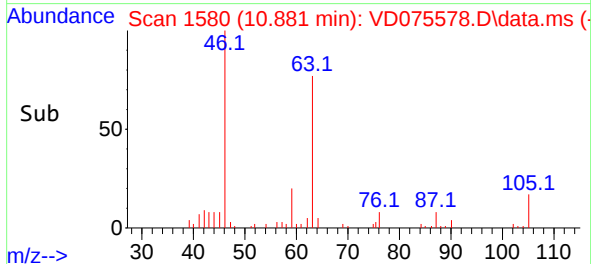
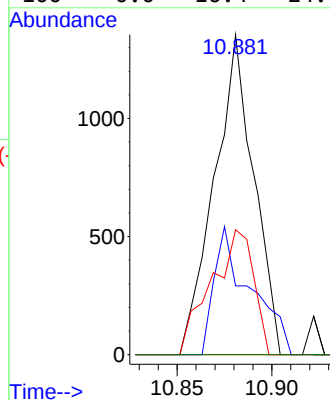
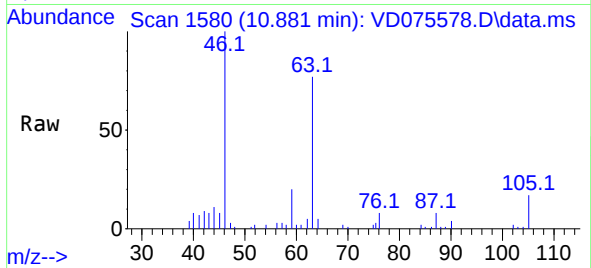


#48
2-Hexanone
Concen: 2.210 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD075578.D
Acq: 05 Apr 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :
C11C6

Tgt Ion: 43 Resp: 1966

Ion	Ratio	Lower	Upper
43	100		
58	20.5	55.8	83.6#
57	41.8	18.6	27.8#
100	0.0	16.4	24.6#



#61
1,2,3-Trichloropropane
Concen: 7.498 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD075578.D
Acq: 05 Apr 2023 14:26

Tgt Ion: 75 Resp: 12683

Ion	Ratio	Lower	Upper
75	100		
77	20.1	25.7	38.5#
110	1.6	35.9	53.9#

