

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
 Data File : VD077644.D
 Acq On : 21 Nov 2023 14:30
 Operator : JC/SY
 Sample : VD1121SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 01:41:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

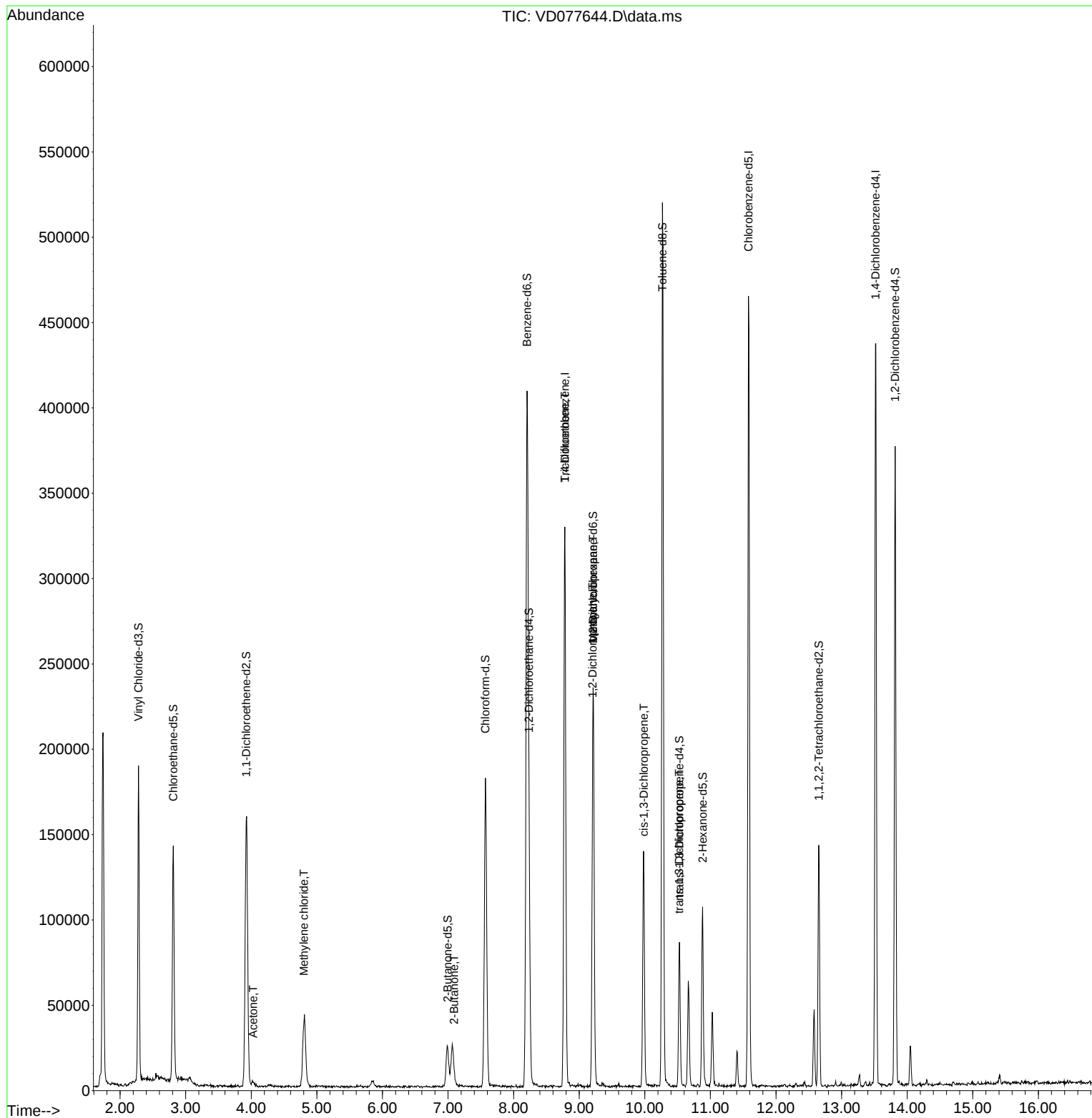
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	274797	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	246017	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	112869	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	165657	23.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.800%
7) Chloroethane-d5	2.811	69	136596	24.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.480%
11) 1,1-Dichloroethene-d2	3.922	65	49014	22.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.720%
21) 2-Butanone-d5	6.993	46	45812	37.852	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.700%
24) Chloroform-d	7.569	84	179974	22.672	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	8.234	65	95743	22.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.680%
32) Benzene-d6	8.204	84	385309	24.131	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.210	67	120053	23.083	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.320%
41) Toluene-d8	10.269	98	348954	24.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.720%
43) trans-1,3-Dichloroprop...	10.528	79	47494	21.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.881	63	36740	39.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	74488	21.616	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	94971	23.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.600%
Target Compounds					Qvalue	
13) Acetone	4.028	43	3998	3.143	ug/L	69
16) Methylene chloride	4.805	84	29278	6.310	ug/L	83
22) 2-Butanone	7.093	43	4122	2.693	ug/L	76
34) Trichloroethene	8.781	95	8164	1.931	ug/L #	10
35) Methylcyclohexane	9.210	83	26259	3.442	ug/L #	17
37) 1,2-Dichloropropane	9.204	63	13502	2.847	ug/L #	88
39) cis-1,3-Dichloropropene	9.987	75	3673	0.504	ug/L	90
44) trans-1,3-Dichloropropene	10.522	75	2507	0.416	ug/L	88

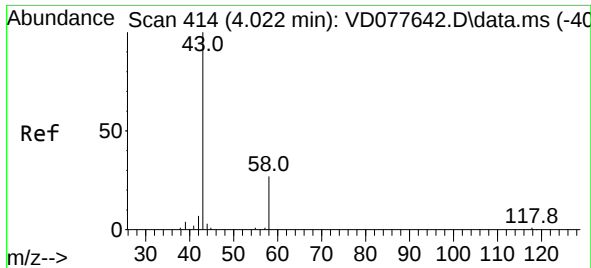
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
Data File : VD077644.D
Acq On : 21 Nov 2023 14:30
Operator : JC/SY
Sample : VD1121SBL01
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 22 01:41:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration





#13

Acetone

Concen: 3.143 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077644.D

Acq: 21 Nov 2023 14:30

Instrument :

MSVOA_D

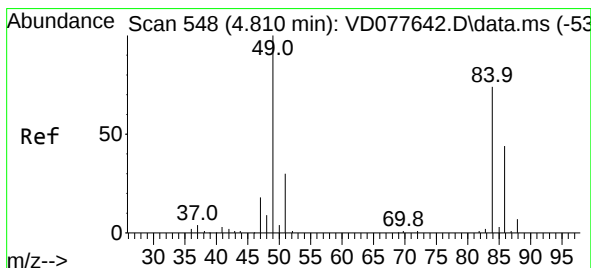
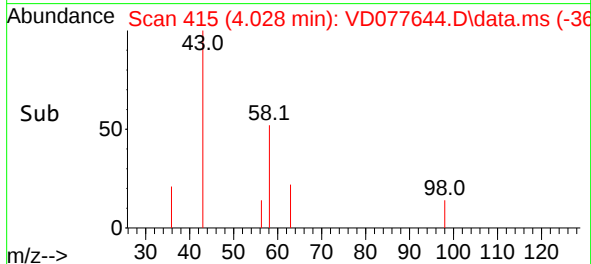
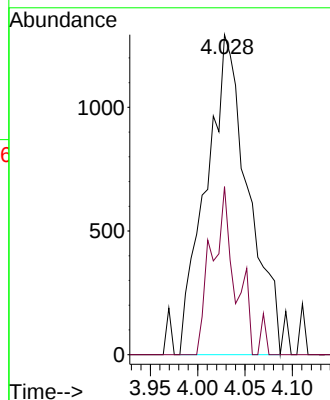
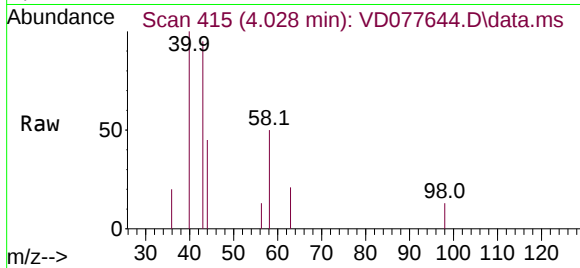
ClientSampleId :

Tgt Ion: 43 Resp: 3998

Ion Ratio Lower Upper

43 100

58 14.8 0.0 64.0



#16

Methylene chloride

Concen: 6.310 ug/L

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD077644.D

Acq: 21 Nov 2023 14:30

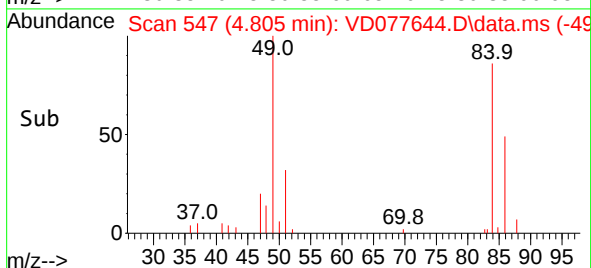
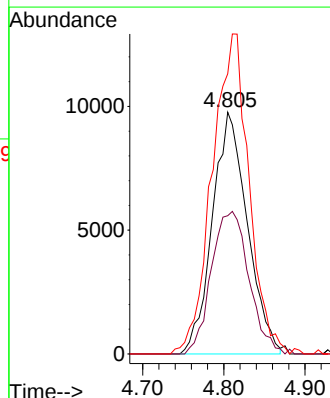
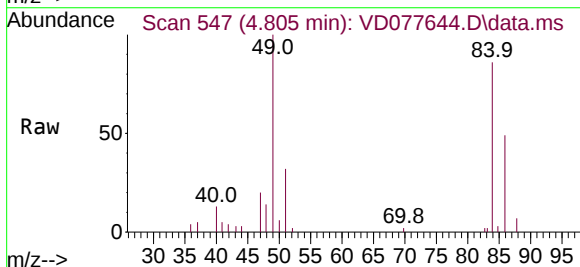
Tgt Ion: 84 Resp: 29278

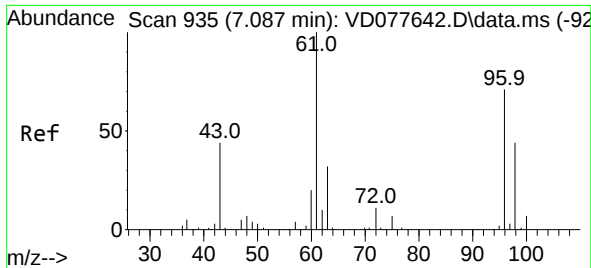
Ion Ratio Lower Upper

84 100

86 57.2 46.5 86.5

49 115.9 98.3 182.7

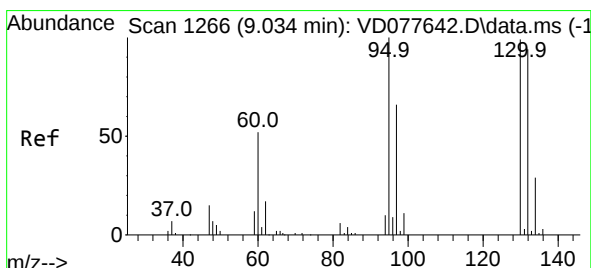
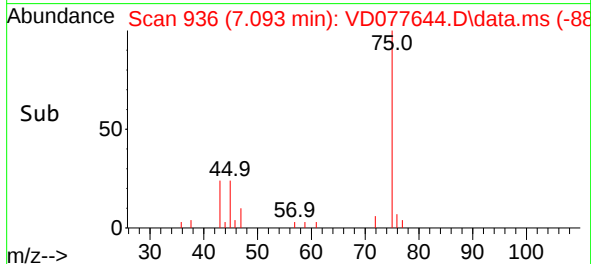
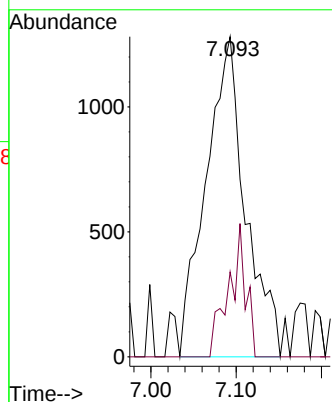
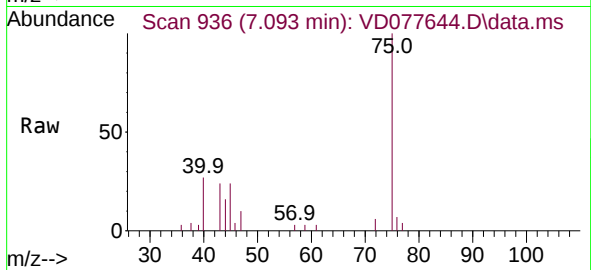




#22
2-Butanone
Concen: 2.693 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077644.D
Acq: 21 Nov 2023 14:30

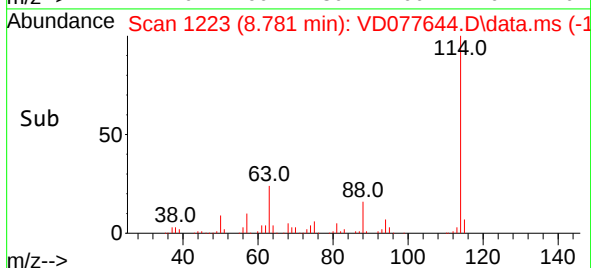
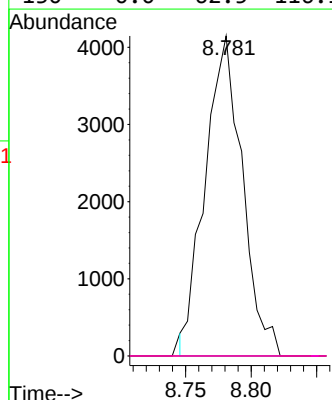
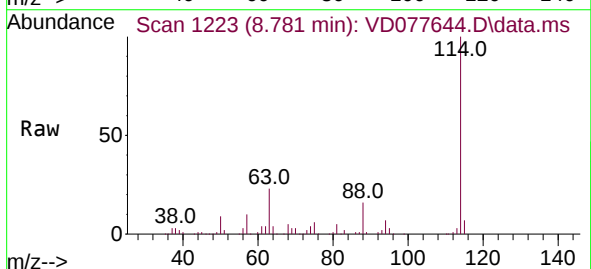
Instrument :
MSVOA_D
ClientSampleId :

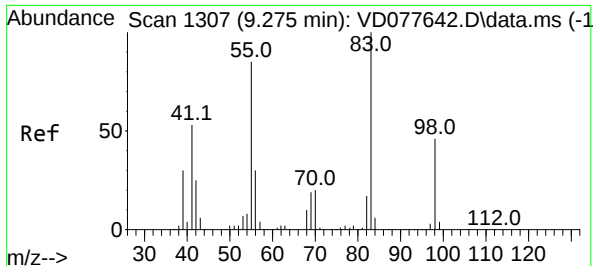
Tgt Ion: 43 Resp: 4122
Ion Ratio Lower Upper
43 100
72 13.4 12.8 38.4



#34
Trichloroethene
Concen: 1.931 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077644.D
Acq: 21 Nov 2023 14:30

Tgt Ion: 95 Resp: 8164
Ion Ratio Lower Upper
95 100
97 0.0 42.4 78.6#
132 0.0 59.4 110.2#
130 0.0 62.5 116.1#

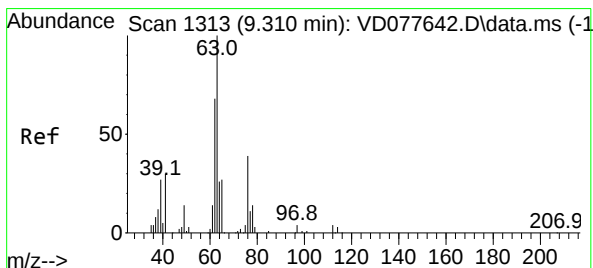
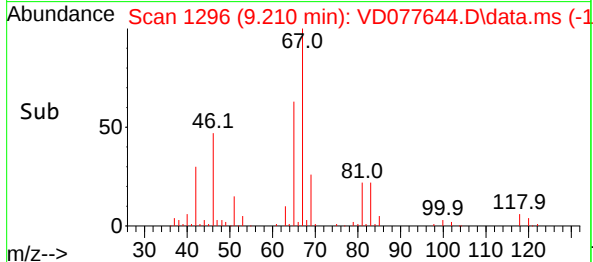
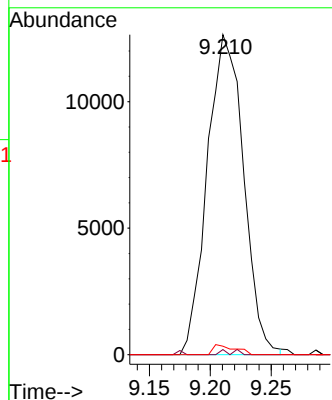
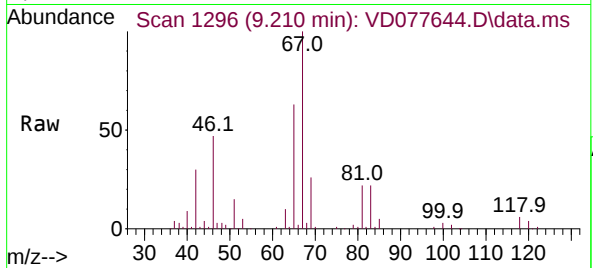




#35
Methylcyclohexane
Concen: 3.442 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077644.D
Acq: 21 Nov 2023 14:30

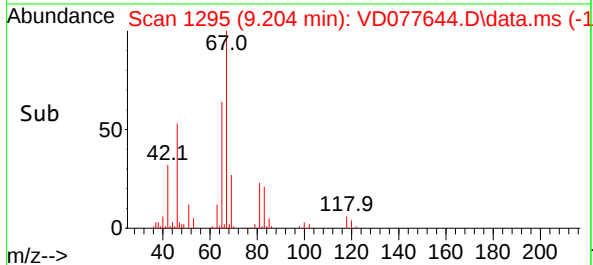
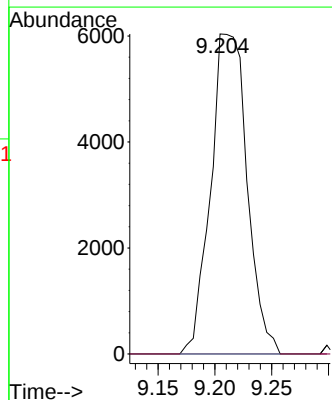
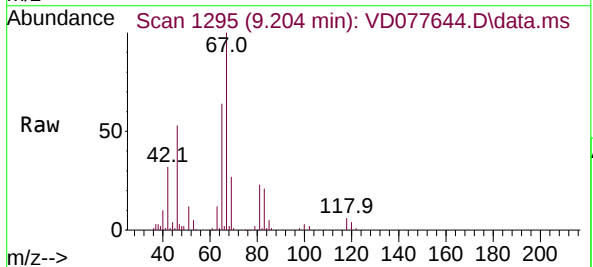
Instrument :
MSVOA_D
ClientSampleId :

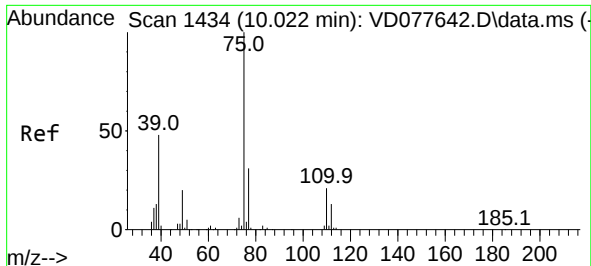
Tgt Ion: 83 Resp: 26259
Ion Ratio Lower Upper
83 100
55 0.3 66.5 99.7#
98 1.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 2.847 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.106 min
Lab File: VD077644.D
Acq: 21 Nov 2023 14:30

Tgt Ion: 63 Resp: 13502
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 9.987 min Scan# 1434

Delta R.T. -0.035 min

Lab File: VD077644.D

Acq: 21 Nov 2023 14:30

Instrument :

MSVOA_D

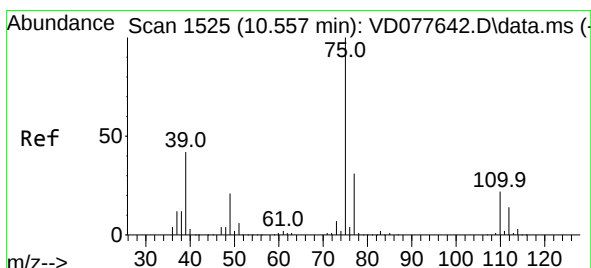
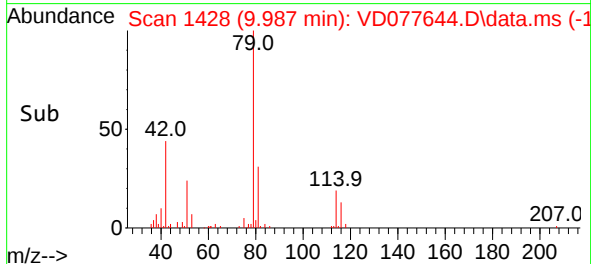
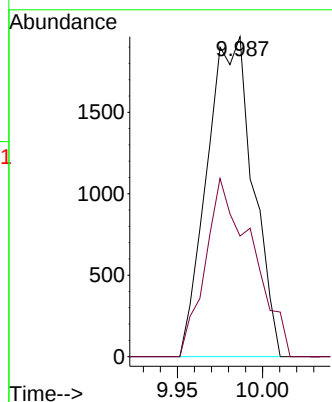
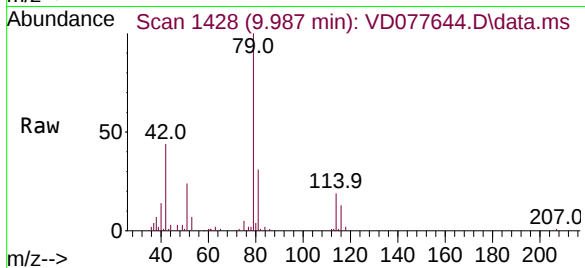
ClientSampleId :

Tgt Ion: 75 Resp: 3673

Ion Ratio Lower Upper

75 100

77 37.7 22.5 41.9



#44

trans-1,3-Dichloropropene

Concen: 0.416 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.035 min

Lab File: VD077644.D

Acq: 21 Nov 2023 14:30

Tgt Ion: 75 Resp: 2507

Ion Ratio Lower Upper

75 100

77 25.3 22.3 41.5

