

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077610.D
 Acq On : 17 Nov 2023 13:42
 Operator : JC/SY
 Sample : 05438-04
 Misc : 5.01G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:37:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 18 00:25:31 2023
 Response via : Initial Calibration

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

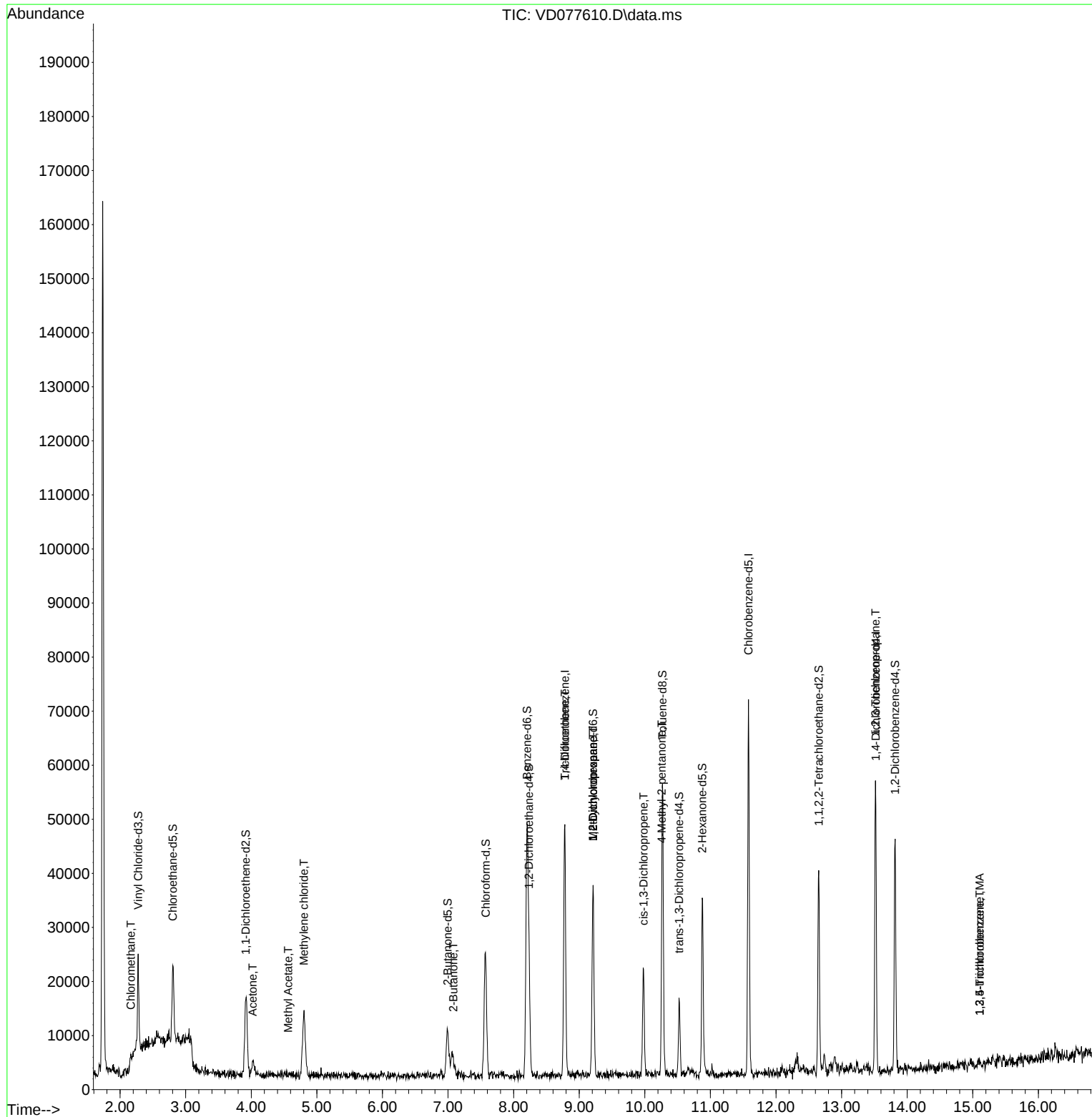
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	39065	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	34576	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	13557	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	15585	15.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.720%
7) Chloroethane-d5	2.805	69	13406	17.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.680%
11) 1,1-Dichloroethene-d2	3.917	65	4958	16.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.520%
21) 2-Butanone-d5	6.993	46	16003	93.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.020%#
24) Chloroform-d	7.575	84	23785	21.077	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.320%
26) 1,2-Dichloroethane-d4	8.234	65	17657	29.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.680%
32) Benzene-d6	8.205	84	44296	19.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.960%
36) 1,2-Dichloropropane-d6	9.210	67	17610	24.091	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.269	98	36560	18.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.120%
43) trans-1,3-Dichloroprop...	10.522	79	8113	25.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.960%
47) 2-Hexanone-d5	10.875	63	10883	83.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.460%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	18995	39.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.880%#
66) 1,2-Dichlorobenzene-d4	13.816	152	11350	23.533	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.120%
Target Compounds						Qvalue
3) Chloromethane	2.164	50	239	0.264	ug/L #	43
13) Acetone	4.022	43	5229	28.913	ug/L	81
15) Methyl Acetate	4.564	43	162	0.544	ug/L #	56
16) Methylene chloride	4.805	84	8122	12.314	ug/L	83
22) 2-Butanone	7.081	43	895	4.113	ug/L #	49
34) Trichloroethene	8.781	95	1394	2.346	ug/L #	10
35) Methylcyclohexane	9.210	83	3820	3.563	ug/L #	16
37) 1,2-Dichloropropane	9.210	63	1907	2.861	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	354	0.346	ug/L #	62
40) 4-Methyl-2-pentanone	10.257	43	322	0.793	ug/L #	1
61) 1,2,3-Trichloropropane	13.516	75	2240	7.757	ug/L #	65
69) 1,3,5-Trichlorobenzene	15.104	180	216	0.353	ug/L #	36
70) 1,2,4-trichlorobenzene	15.104	180	216	0.418	ug/L #	34

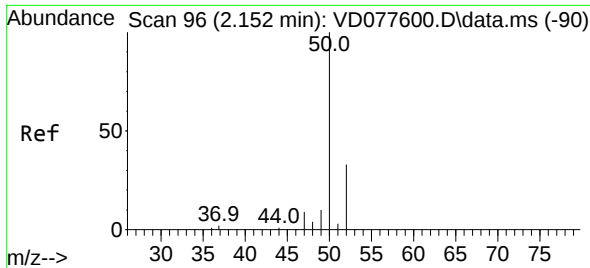
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
Data File : VD077610.D
Acq On : 17 Nov 2023 13:42
Operator : JC/SY
Sample : 05438-04
Misc : 5.01G/10ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 18 00:37:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Nov 18 00:25:31 2023
Response via : Initial Calibration

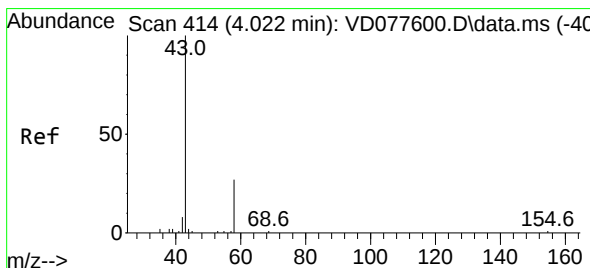
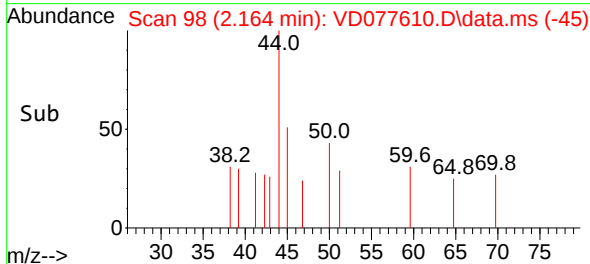
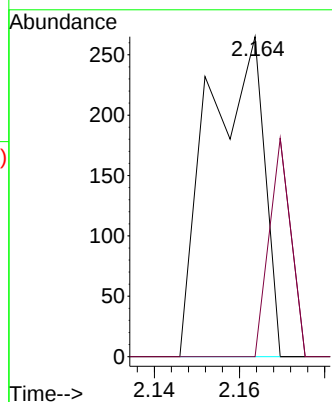
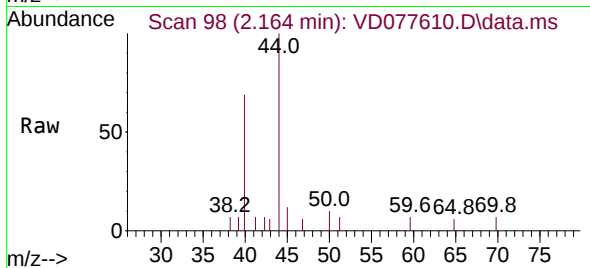




#3
Chloromethane
Concen: 0.264 ug/L
RT: 2.164 min Scan# 96
Delta R.T. 0.012 min
Lab File: VD077610.D
Acq: 17 Nov 2023 13:42

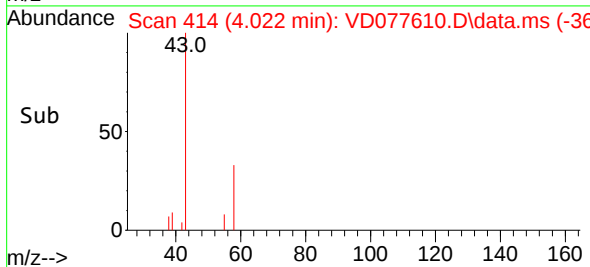
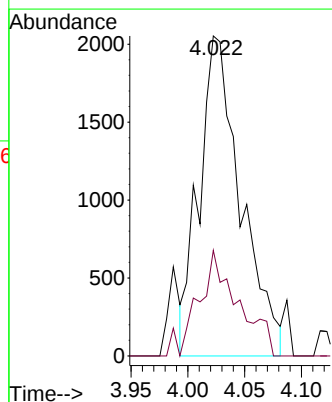
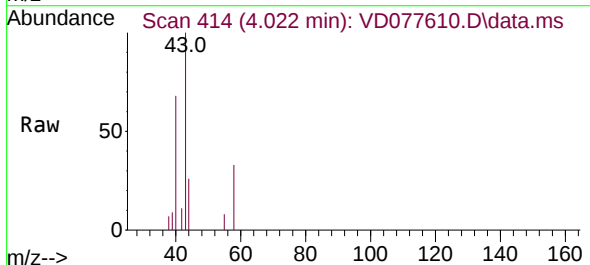
Instrument :
MSVOA_D
ClientSampleId :

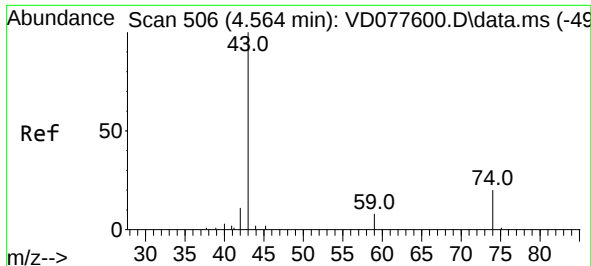
Tgt Ion: 50 Resp: 239
Ion Ratio Lower Upper
50 100
52 0.0 22.1 41.1#



#13
Acetone
Concen: 28.913 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077610.D
Acq: 17 Nov 2023 13:42

Tgt Ion: 43 Resp: 5229
Ion Ratio Lower Upper
43 100
58 21.2 0.0 64.0

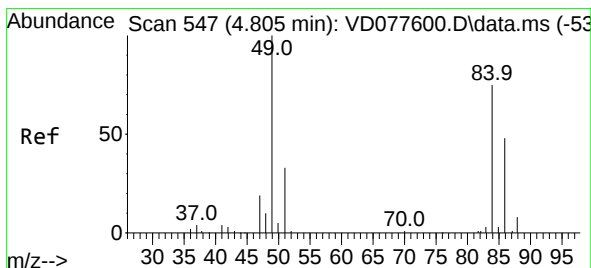
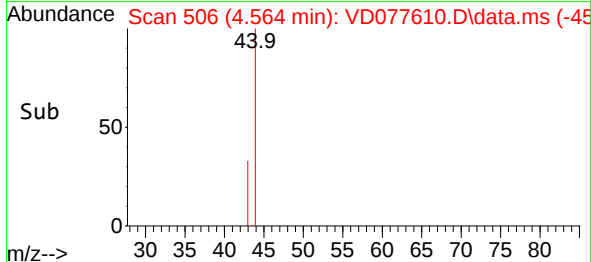
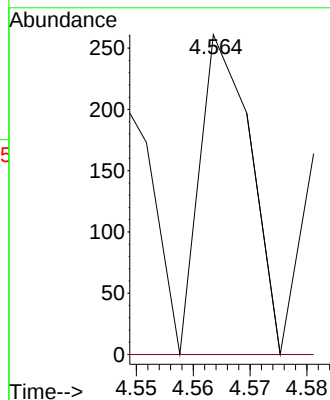
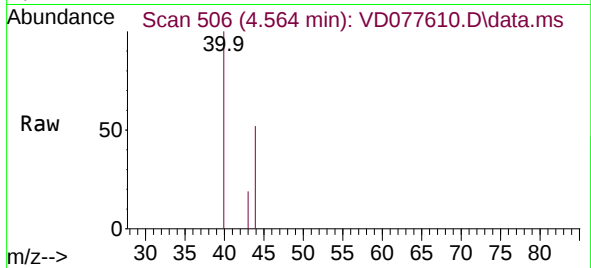




#15
Methyl Acetate
Concen: 0.544 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD077610.D
Acq: 17 Nov 2023 13:42

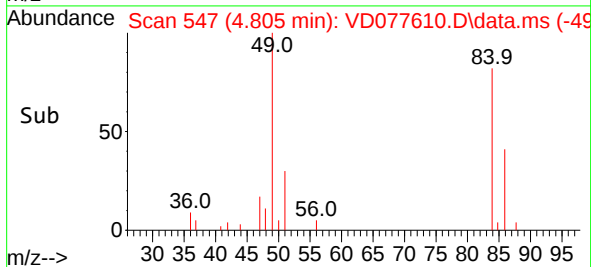
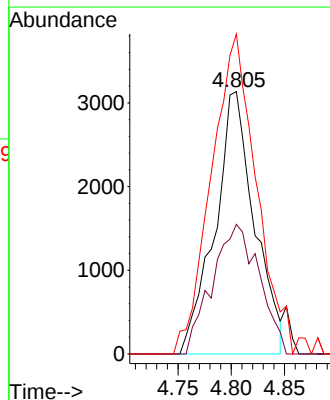
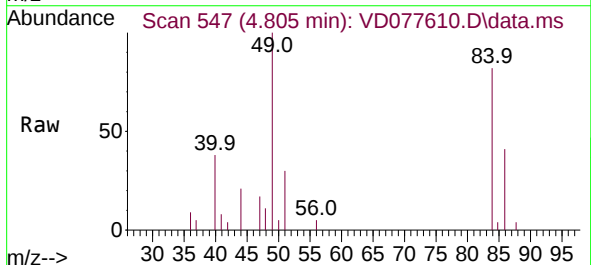
Instrument :
MSVOA_D
ClientSampleId :

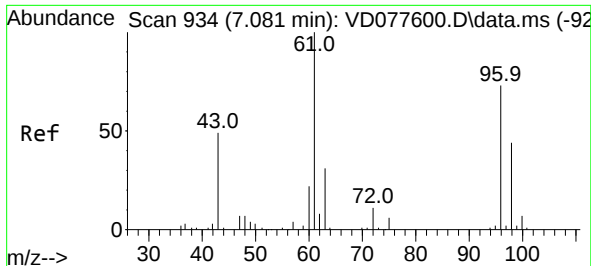
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#16
Methylene chloride
Concen: 12.314 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077610.D
Acq: 17 Nov 2023 13:42

Tgt Ion: 84 Resp: 8122
Ion Ratio Lower Upper
84 100
86 49.4 46.5 86.5
49 121.9 98.3 182.7

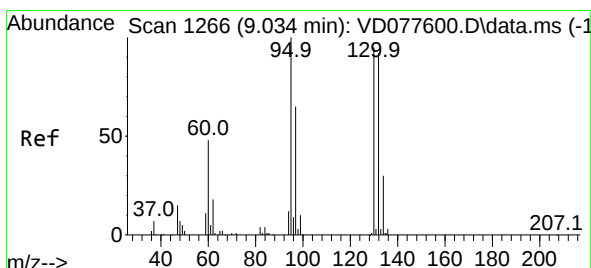
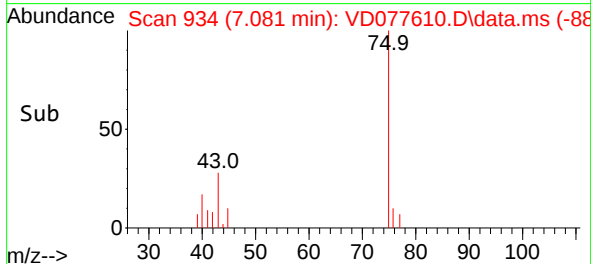
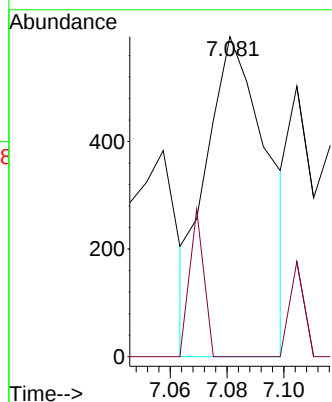
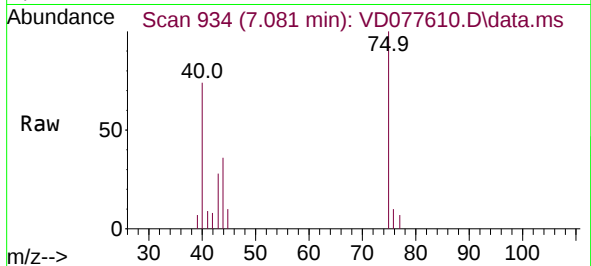




#22
2-Butanone
Concen: 4.113 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077610.D
Acq: 17 Nov 2023 13:42

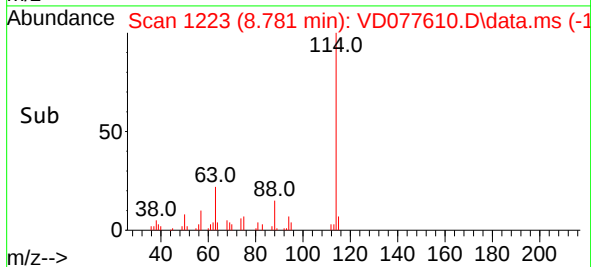
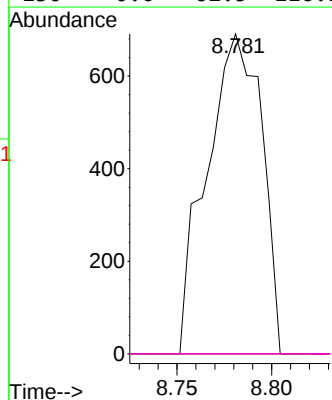
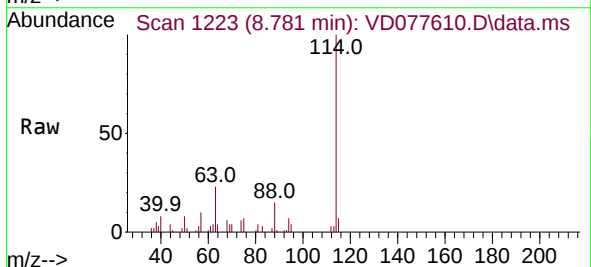
Instrument :
MSVOA_D
ClientSampleId :

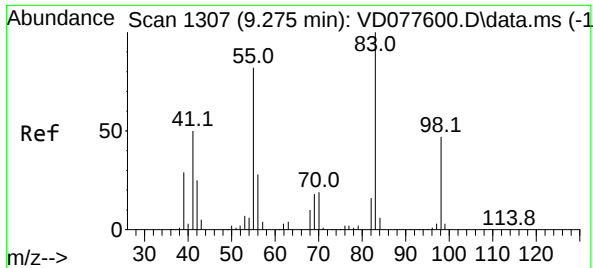
Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
72 0.0 12.8 38.4#



#34
Trichloroethene
Concen: 2.346 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077610.D
Acq: 17 Nov 2023 13:42

Tgt Ion: 95 Resp: 1394
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: 3.563 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD077610.D

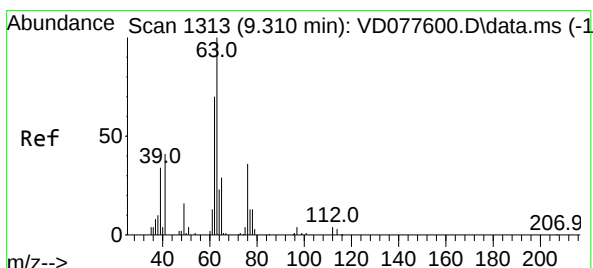
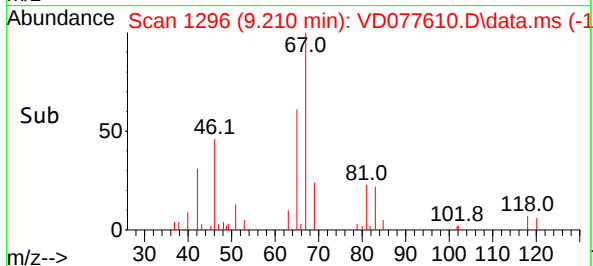
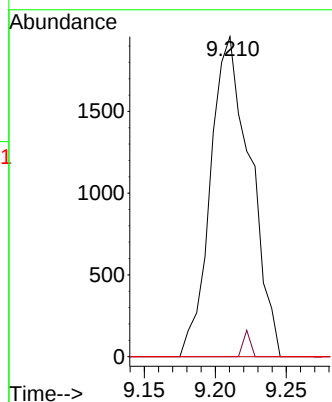
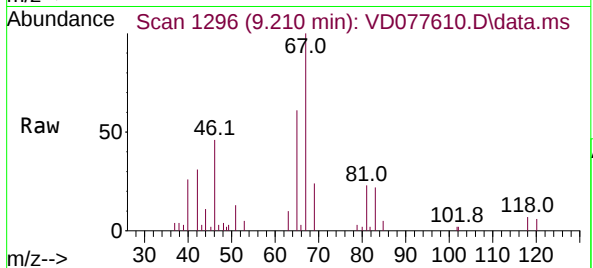
Acq: 17 Nov 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp:	3820
Ion Ratio	Lower	Upper
83	100	
55	0.0	66.5 99.7#
98	0.0	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 2.861 ug/L

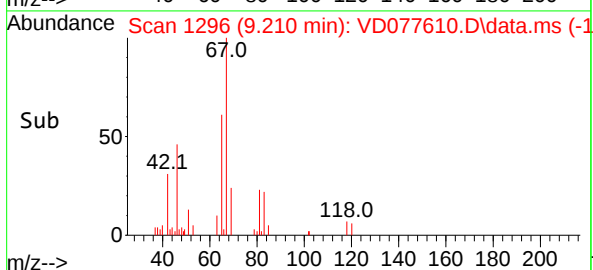
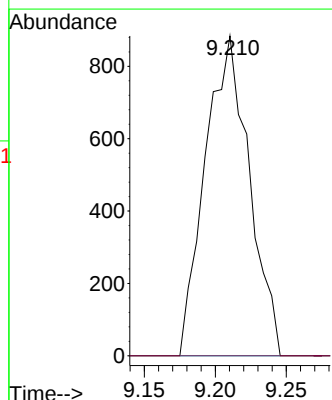
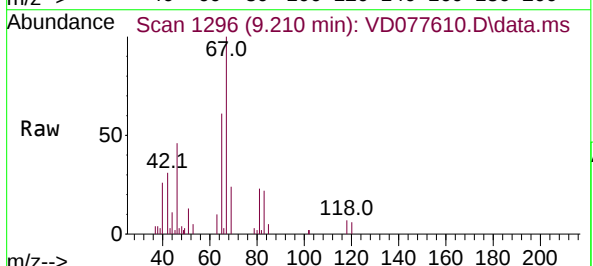
RT: 9.210 min Scan# 1296

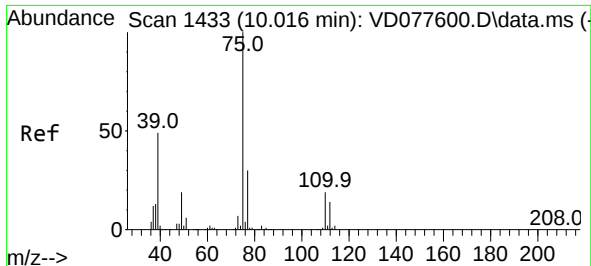
Delta R.T. -0.100 min

Lab File: VD077610.D

Acq: 17 Nov 2023 13:42

Tgt Ion: 63	Resp:	1907
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.346 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD077610.D

Acq: 17 Nov 2023 13:42

Instrument :

MSVOA_D

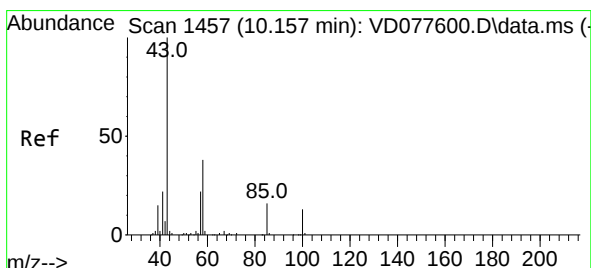
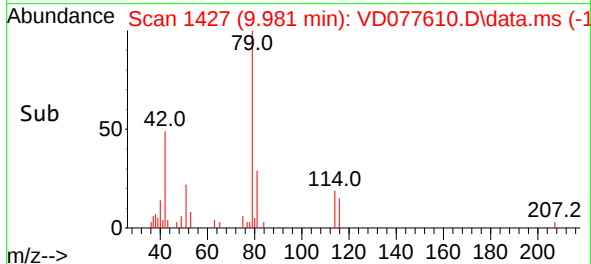
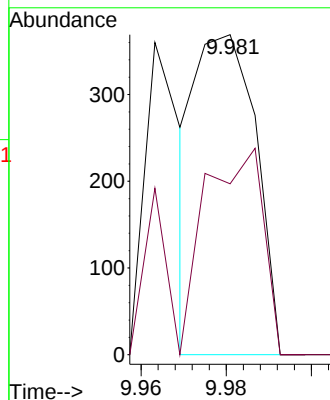
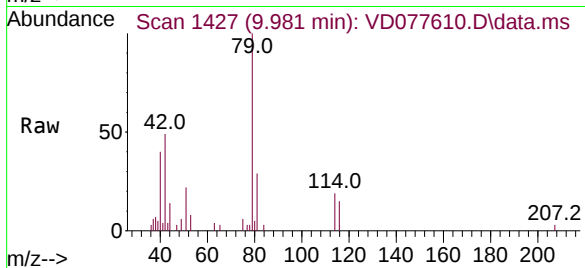
ClientSampleId :

Tgt Ion: 75 Resp: 354

Ion Ratio Lower Upper

75 100

77 53.4 22.5 41.9#



#40

4-Methyl-2-pentanone

Concen: 0.793 ug/L

RT: 10.257 min Scan# 1474

Delta R.T. 0.100 min

Lab File: VD077610.D

Acq: 17 Nov 2023 13:42

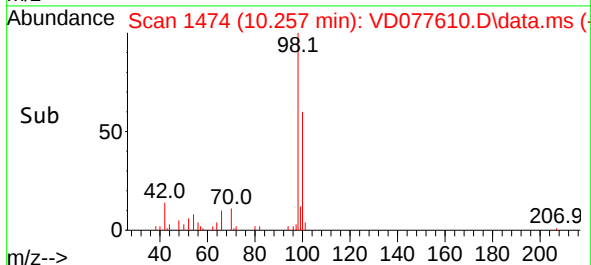
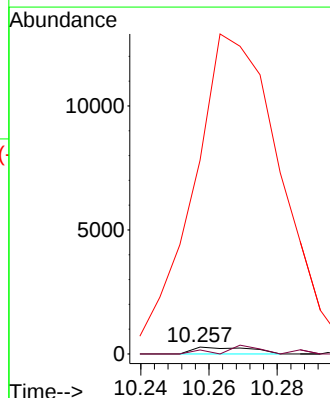
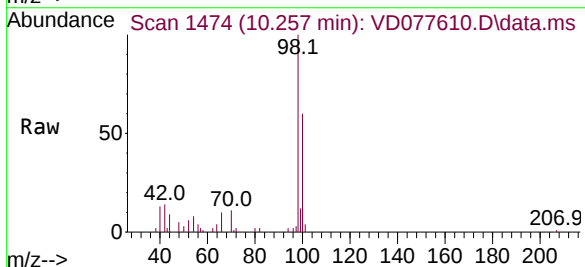
Tgt Ion: 43 Resp: 322

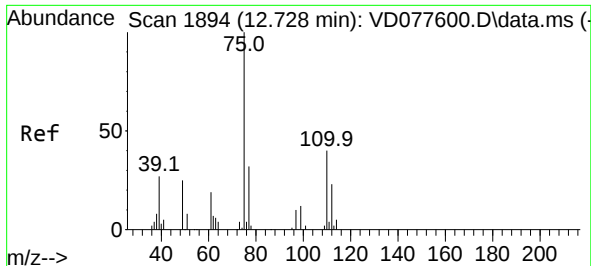
Ion Ratio Lower Upper

43 100

58 17.4 29.8 44.8#

100 7312.4 9.5 14.3#

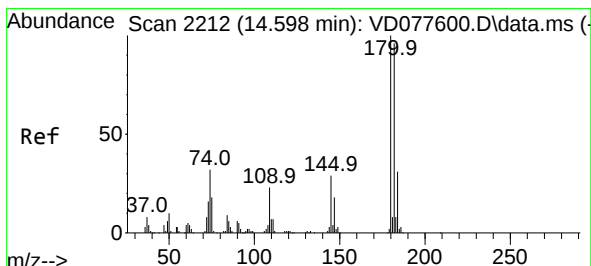
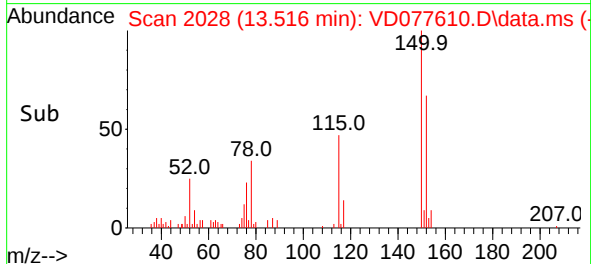
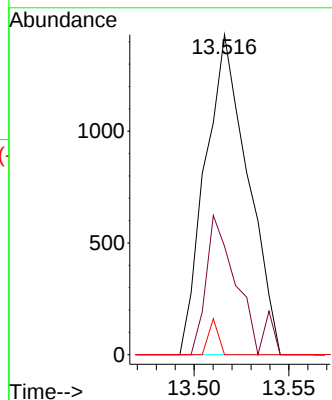
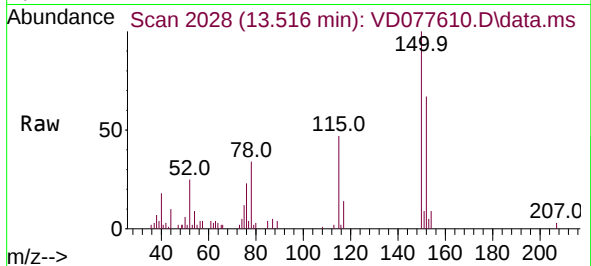




#61
1,2,3-Trichloropropane
Concen: 7.757 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD077610.D
Acq: 17 Nov 2023 13:42

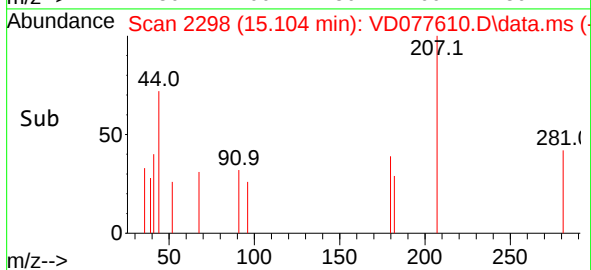
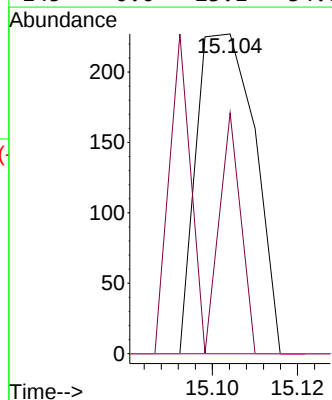
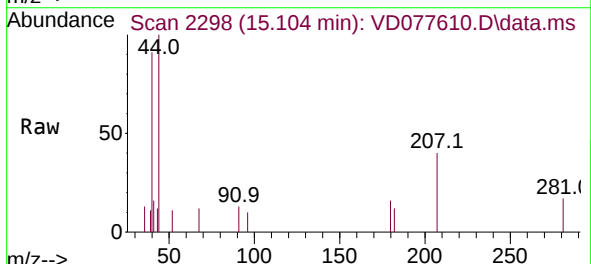
Instrument :
MSVOA_D
ClientSampleId :

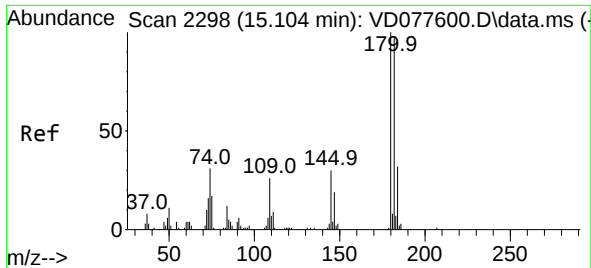
Tgt Ion: 75 Resp: 2240
Ion Ratio Lower Upper
75 100
77 29.4 25.6 38.4
110 0.0 29.6 44.4#



#69
1,3,5-Trichlorobenzene
Concen: 0.353 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.506 min
Lab File: VD077610.D
Acq: 17 Nov 2023 13:42

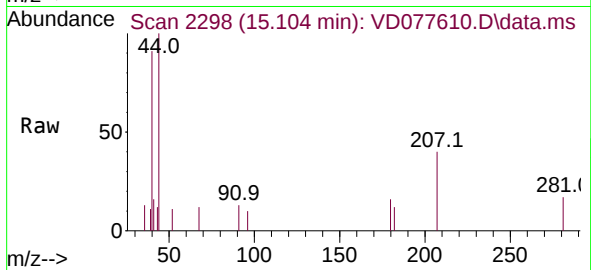
Tgt Ion:180 Resp: 216
Ion Ratio Lower Upper
180 100
182 27.8 76.1 114.1#
184 0.0 24.0 36.0#
145 0.0 23.1 34.7#





#70
 1,2,4-trichlorobenzene
 Concen: 0.418 ug/L
 RT: 15.104 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077610.D
 Acq: 17 Nov 2023 13:42

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 216
 Ion Ratio Lower Upper
 180 100
 182 27.8 75.8 113.6#
 145 0.0 24.1 36.1#

