

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111623\
 Data File : VD077587.D
 Acq On : 16 Nov 2023 12:10
 Operator : JC/SY
 Sample : 05416-19
 Misc : 3.85G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 00:30:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

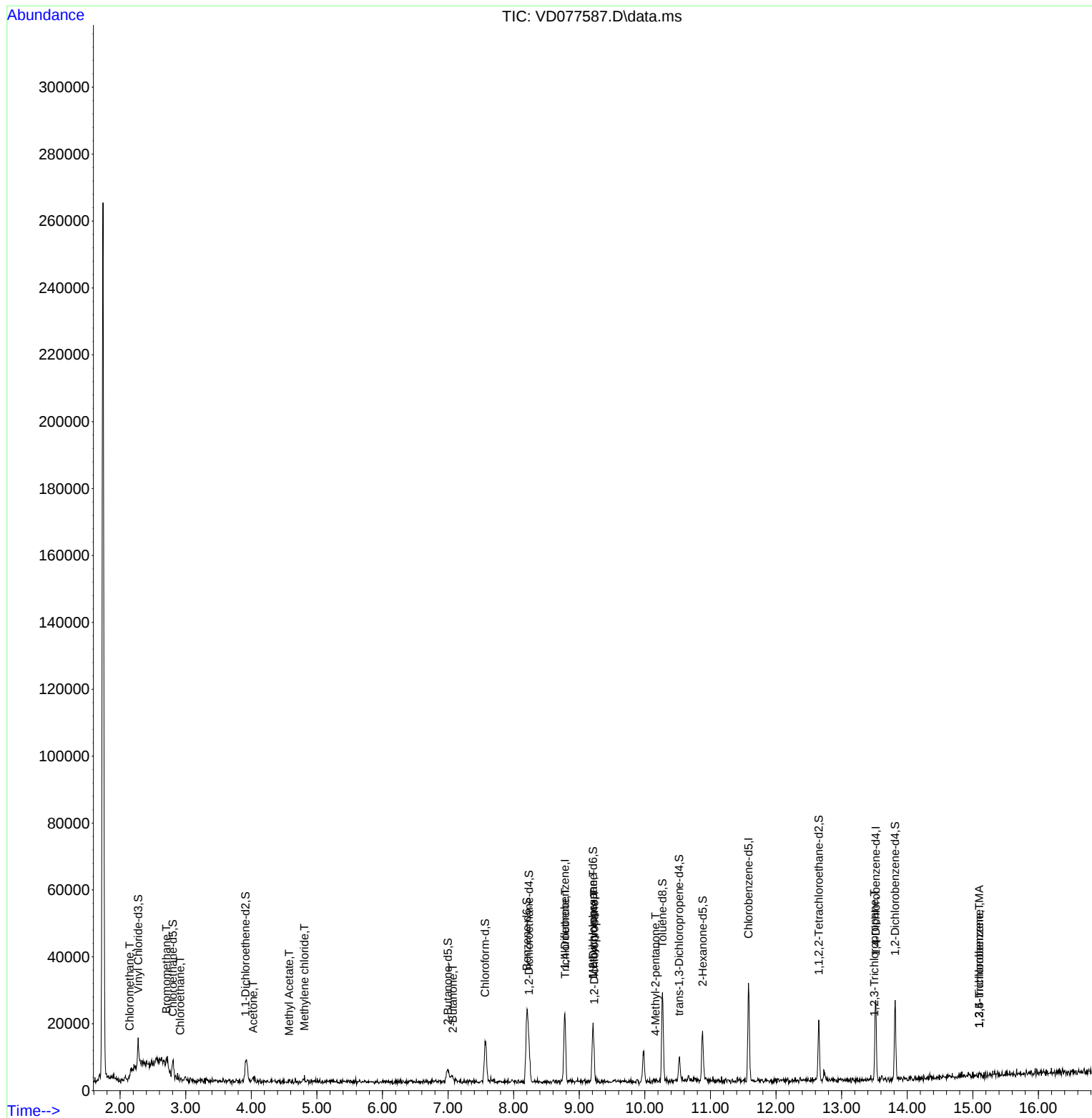
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	16787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	15385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	6760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	6837	16.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.040%
7) Chloroethane-d5	2.805	69	5132	15.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.200%
11) 1,1-Dichloroethene-d2	3.910	65	1367	10.352	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.400%#
21) 2-Butanone-d5	6.999	46	7382	99.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	199.680%#
24) Chloroform-d	7.563	84	11702	24.131	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	8.234	65	7674	29.750	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.000%
32) Benzene-d6	8.198	84	21671	21.703	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	9.210	67	8895	27.348	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	10.269	98	18117	20.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.320%
43) trans-1,3-Dichloroprop...	10.522	79	3822	27.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.000%
47) 2-Hexanone-d5	10.881	63	4750	81.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.280%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	8605	39.931	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	159.720%#
66) 1,2-Dichlorobenzene-d4	13.816	152	5640	23.452	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
3) Chloromethane	2.146	50	147	0.378	ug/L #	43
6) Bromomethane	2.705	94	227	0.971	ug/L #	67
8) Chloroethane	2.916	64	128	0.469	ug/L #	46
13) Acetone	4.028	43	1431	18.413	ug/L	61
15) Methyl Acetate	4.575	43	136	1.064	ug/L #	56
16) Methylene chloride	4.810	84	182	0.642	ug/L #	49
22) 2-Butanone	7.075	43	245	2.620	ug/L #	49
34) Trichloroethene	8.787	95	388	1.468	ug/L #	10
35) Methylcyclohexane	9.210	83	2045	4.287	ug/L #	16
37) 1,2-Dichloropropane	9.228	63	313	1.055	ug/L #	88
40) 4-Methyl-2-pentanone	10.163	43	205	1.134	ug/L #	45
61) 1,2,3-Trichloropropane	13.498	75	203	1.410	ug/L #	40
69) 1,3,5-Trichlorobenzene	15.098	180	154	0.504	ug/L #	19
70) 1,2,4-trichlorobenzene	15.098	180	154	0.598	ug/L #	13

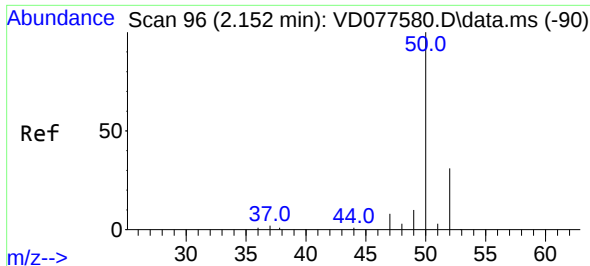
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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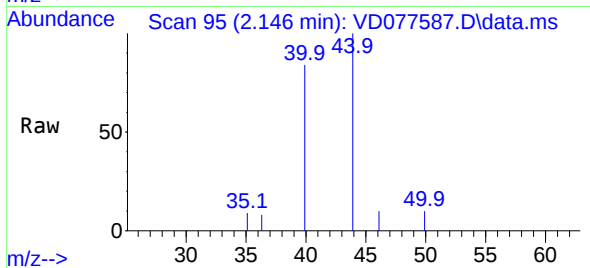
Quant Time: Nov 17 00:30:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
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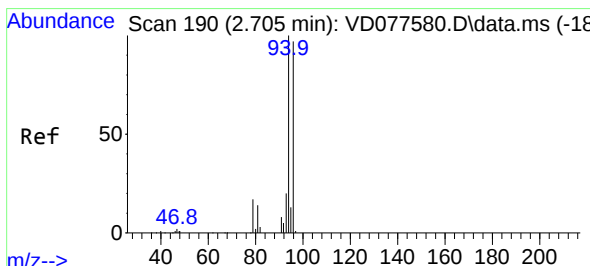
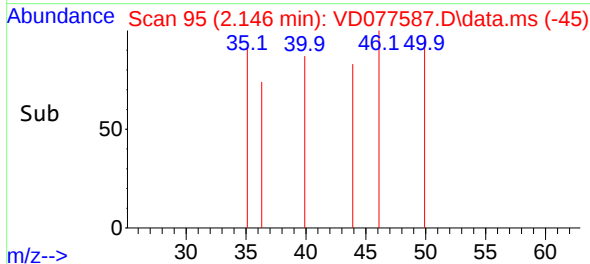
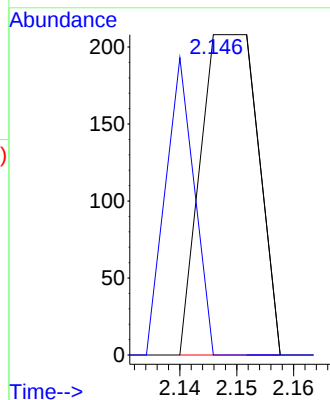


#3
Chloromethane
Concen: 0.378 ug/L
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

Instrument :
MSVOA_D
ClientSampleId :

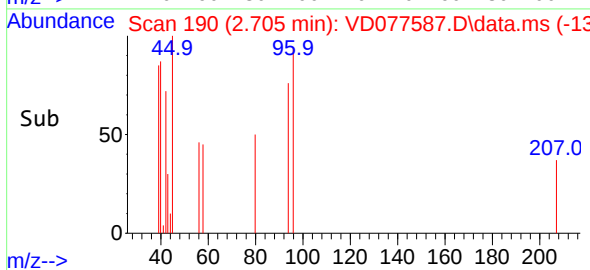
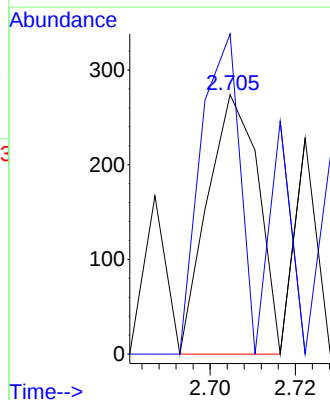
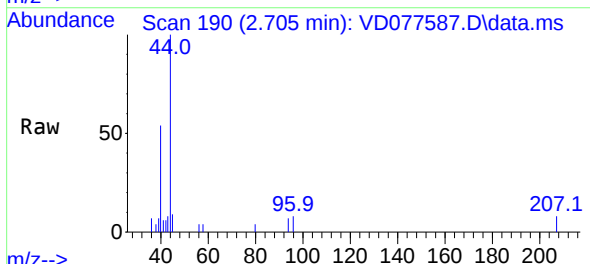


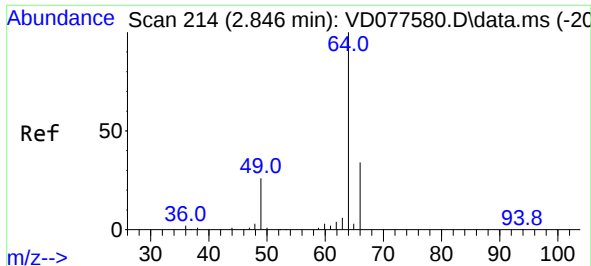
Tgt Ion: 50 Resp: 147
Ion Ratio Lower Upper
50 100
52 0.0 22.1 41.1#



#6
Bromomethane
Concen: 0.971 ug/L
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

Tgt Ion: 94 Resp: 227
Ion Ratio Lower Upper
94 100
96 123.4 64.5 119.9#

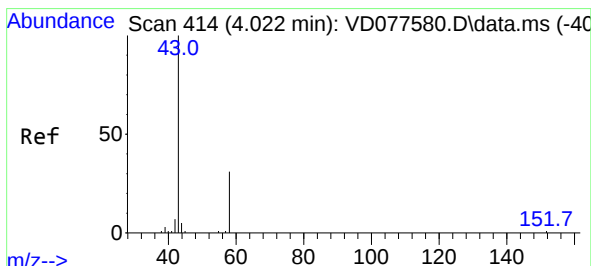
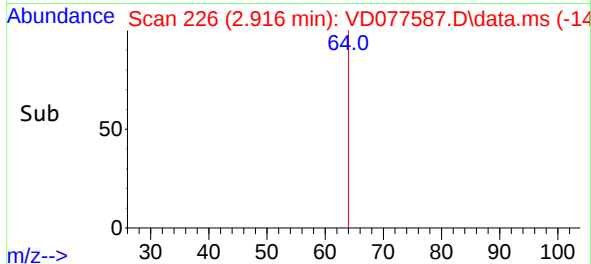
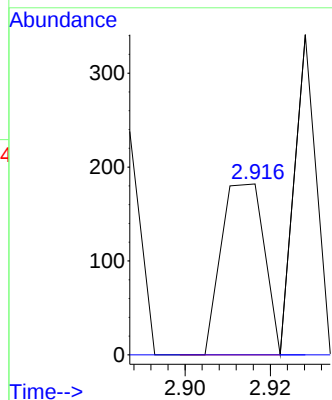
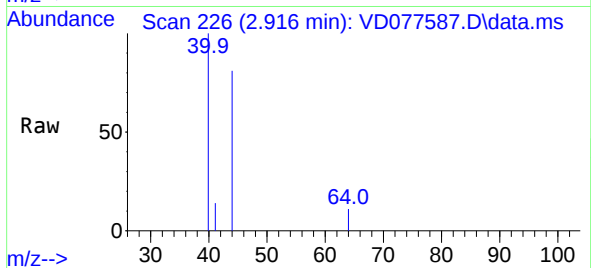




#8
Chloroethane
Concen: 0.469 ug/L
RT: 2.916 min Scan# 214
Delta R.T. 0.076 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

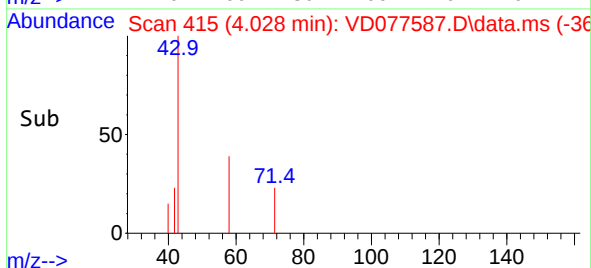
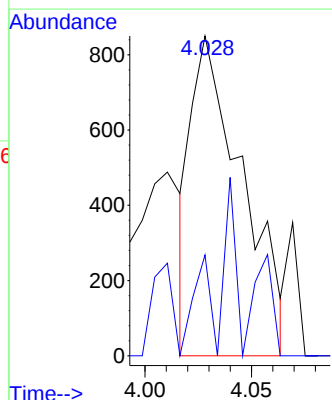
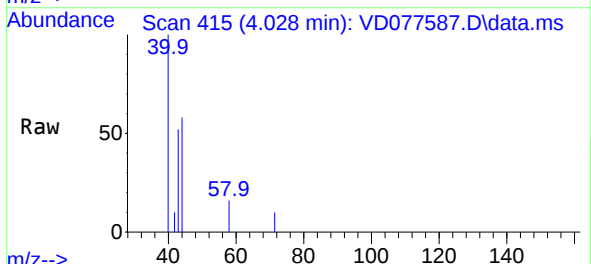
Instrument :
MSVOA_D
ClientSampleId :

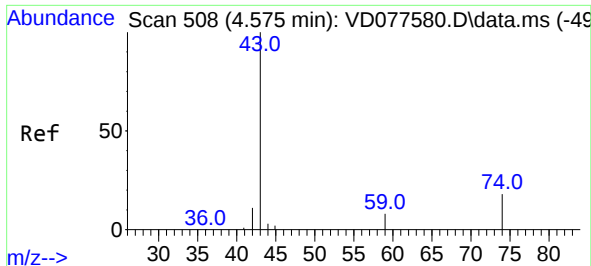
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 19.8 36.8#



#13
Acetone
Concen: 18.413 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

Tgt Ion: 43 Resp: 1431
Ion Ratio Lower Upper
43 100
58 10.4 0.0 64.0

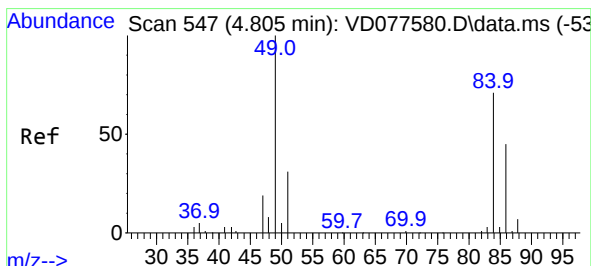
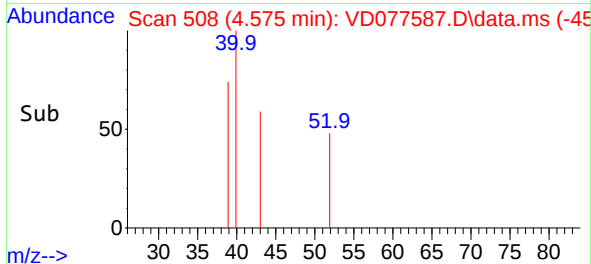
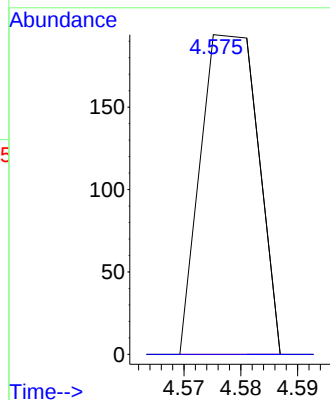
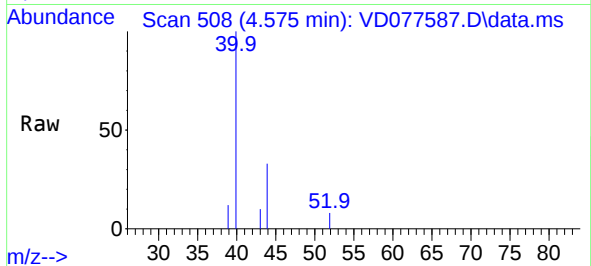




#15
Methyl Acetate
Concen: 1.064 ug/L
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

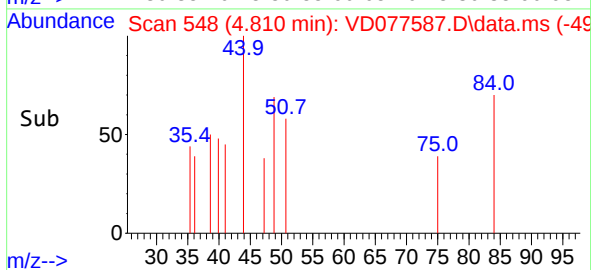
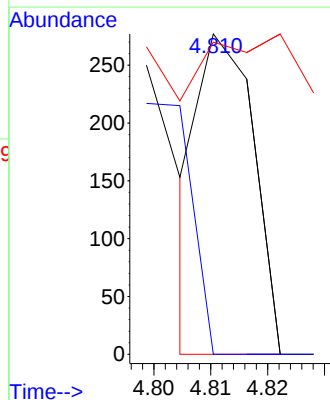
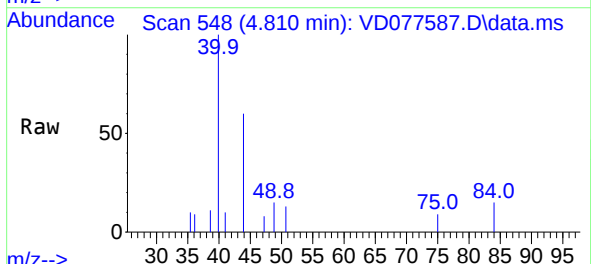
Instrument :
MSVOA_D
ClientSampleId :

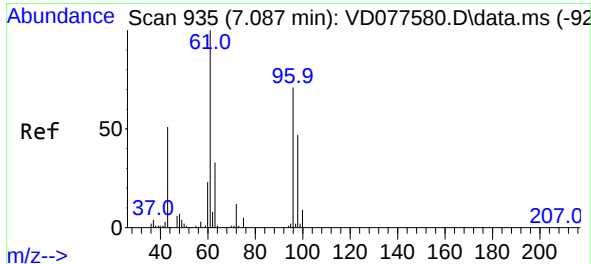
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#16
Methylene chloride
Concen: 0.642 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

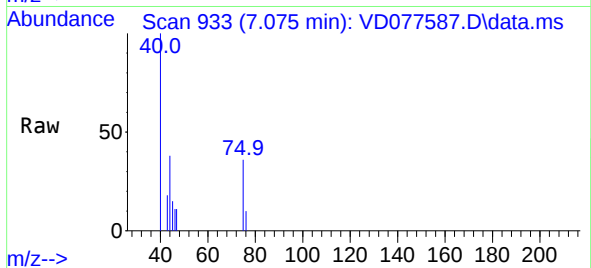
Tgt Ion: 84 Resp: 182
Ion Ratio Lower Upper
84 100
86 0.0 46.5 86.5#
49 97.5 98.3 182.7#



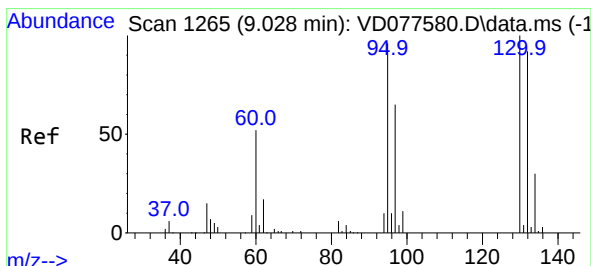
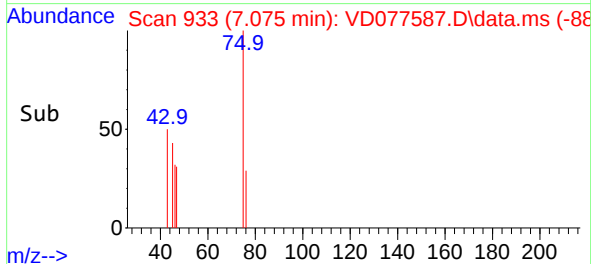
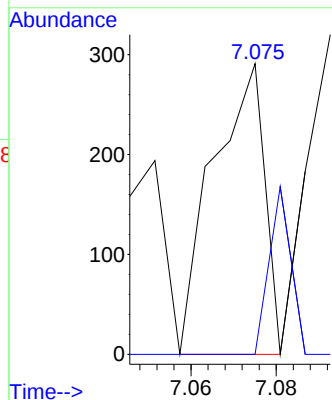


#22
2-Butanone
Concen: 2.620 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

Instrument :
MSVOA_D
ClientSampleId :

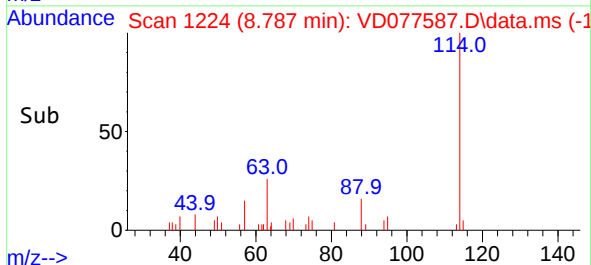
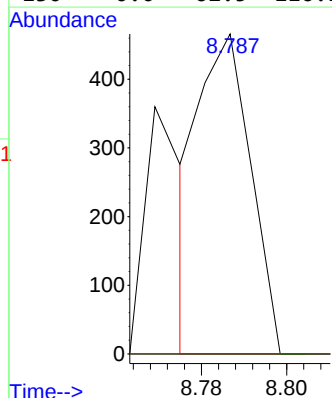
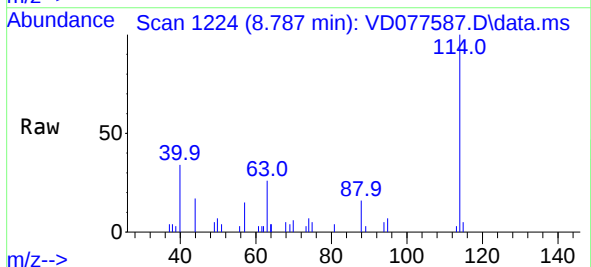


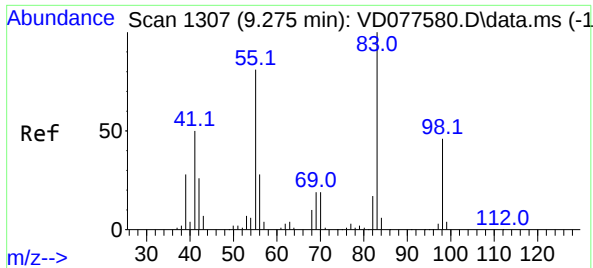
Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
72 0.0 12.8 38.4#



#34
Trichloroethene
Concen: 1.468 ug/L
RT: 8.787 min Scan# 1224
Delta R.T. -0.241 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

Tgt Ion: 95 Resp: 388
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#

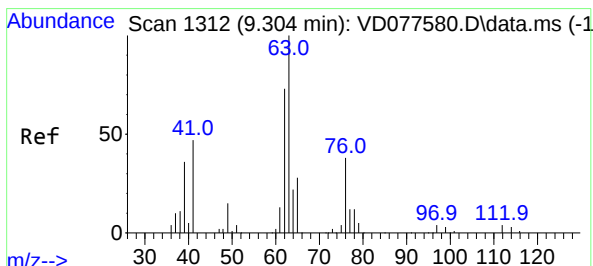
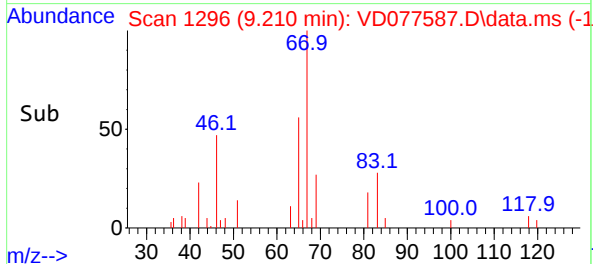
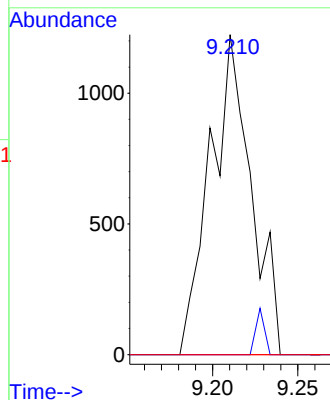
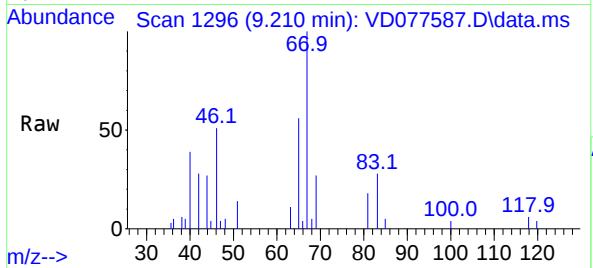




#35
Methylcyclohexane
Concen: 4.287 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.065 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

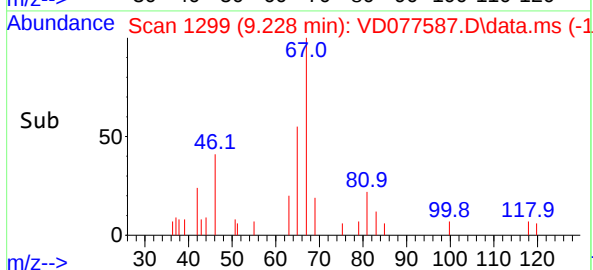
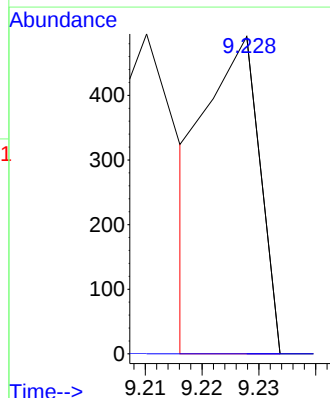
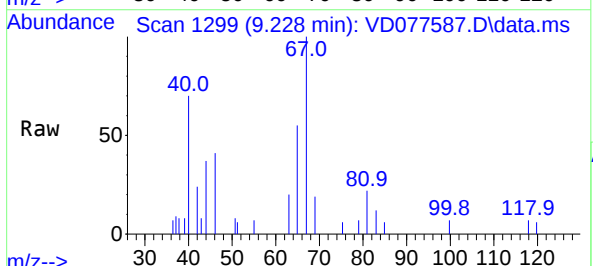
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MSVOA_D
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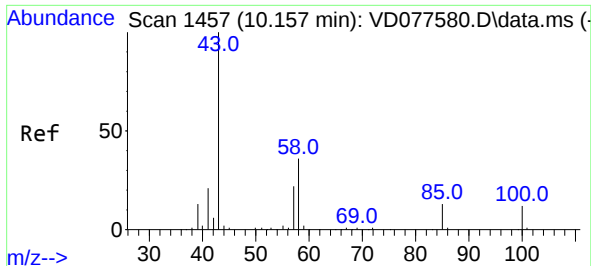
Tgt Ion: 83 Resp: 2045
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 1.055 ug/L
RT: 9.228 min Scan# 1299
Delta R.T. -0.077 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

Tgt Ion: 63 Resp: 313
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

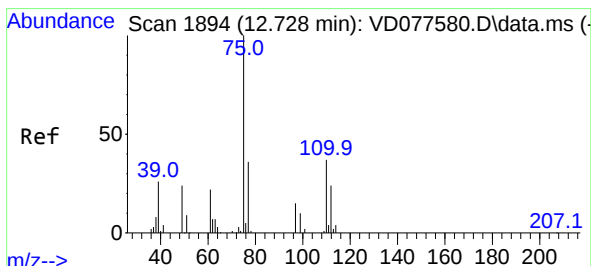
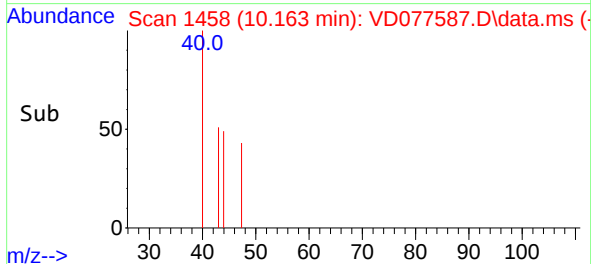
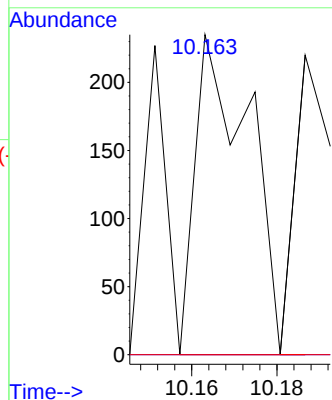
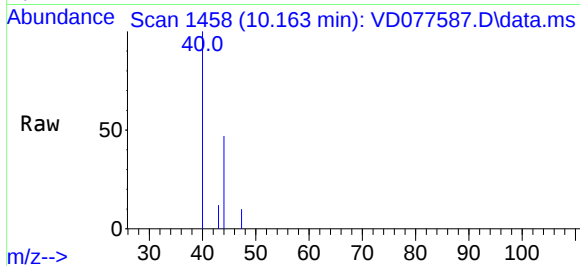




#40
4-Methyl-2-pentanone
Concen: 1.134 ug/L
RT: 10.163 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

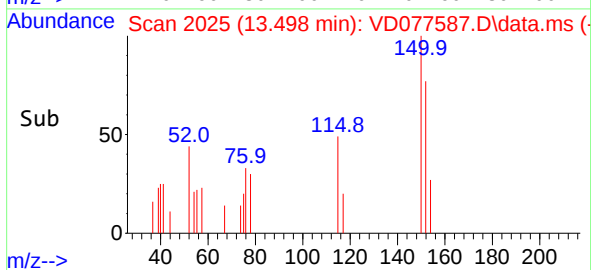
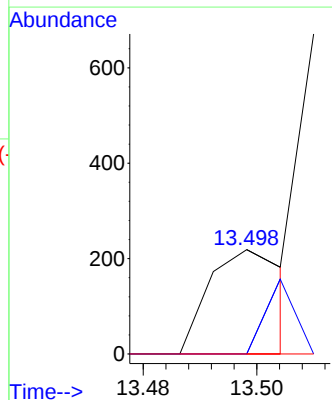
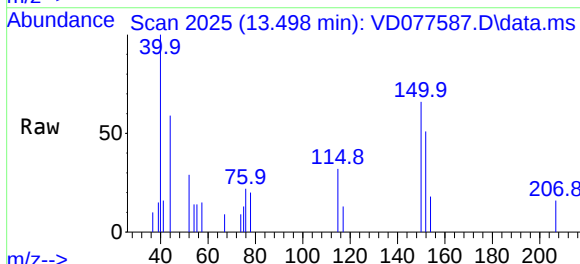
Instrument :
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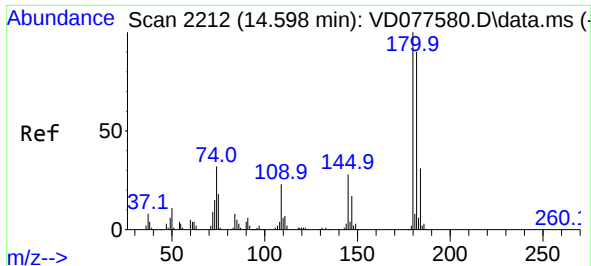
Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.8#
100 0.0 9.5 14.3#



#61
1,2,3-Trichloropropane
Concen: 1.410 ug/L
RT: 13.498 min Scan# 2025
Delta R.T. 0.776 min
Lab File: VD077587.D
Acq: 16 Nov 2023 12:10

Tgt Ion: 75 Resp: 203
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 0.0 29.6 44.4#





#69

1,3,5-Trichlorobenzene

Concen: 0.504 ug/L

RT: 15.098 min Scan# 2212

Delta R.T. 0.506 min

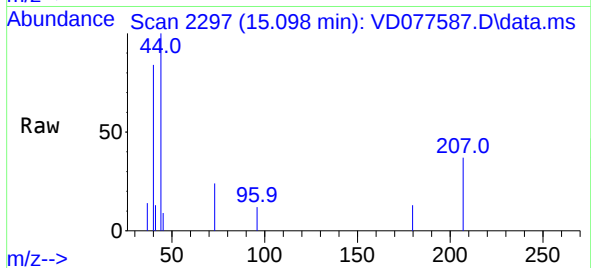
Lab File: VD077587.D

Acq: 16 Nov 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 154

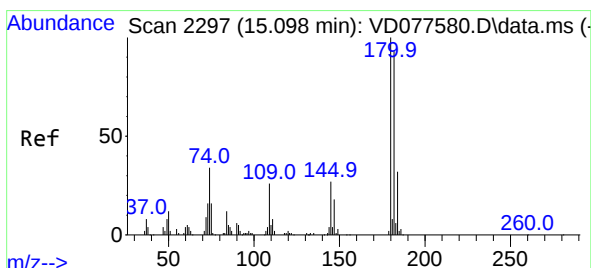
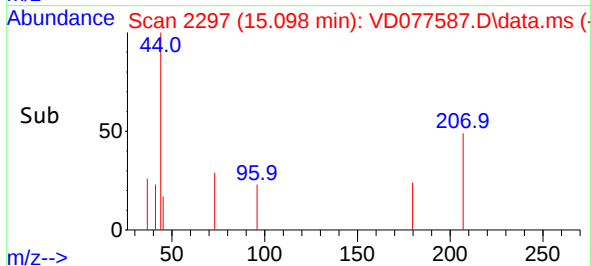
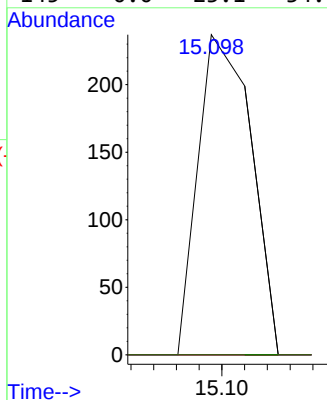
Ion Ratio Lower Upper

180 100

182 0.0 76.1 114.1#

184 0.0 24.0 36.0#

145 0.0 23.1 34.7#



#70

1,2,4-trichlorobenzene

Concen: 0.598 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077587.D

Acq: 16 Nov 2023 12:10

Tgt Ion:180 Resp: 154

Ion Ratio Lower Upper

180 100

182 0.0 75.8 113.6#

145 0.0 24.1 36.1#

