

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077607.D
 Acq On : 17 Nov 2023 12:21
 Operator : JC/SY
 Sample : 05438-01
 Misc : 5.02G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:35:57 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)

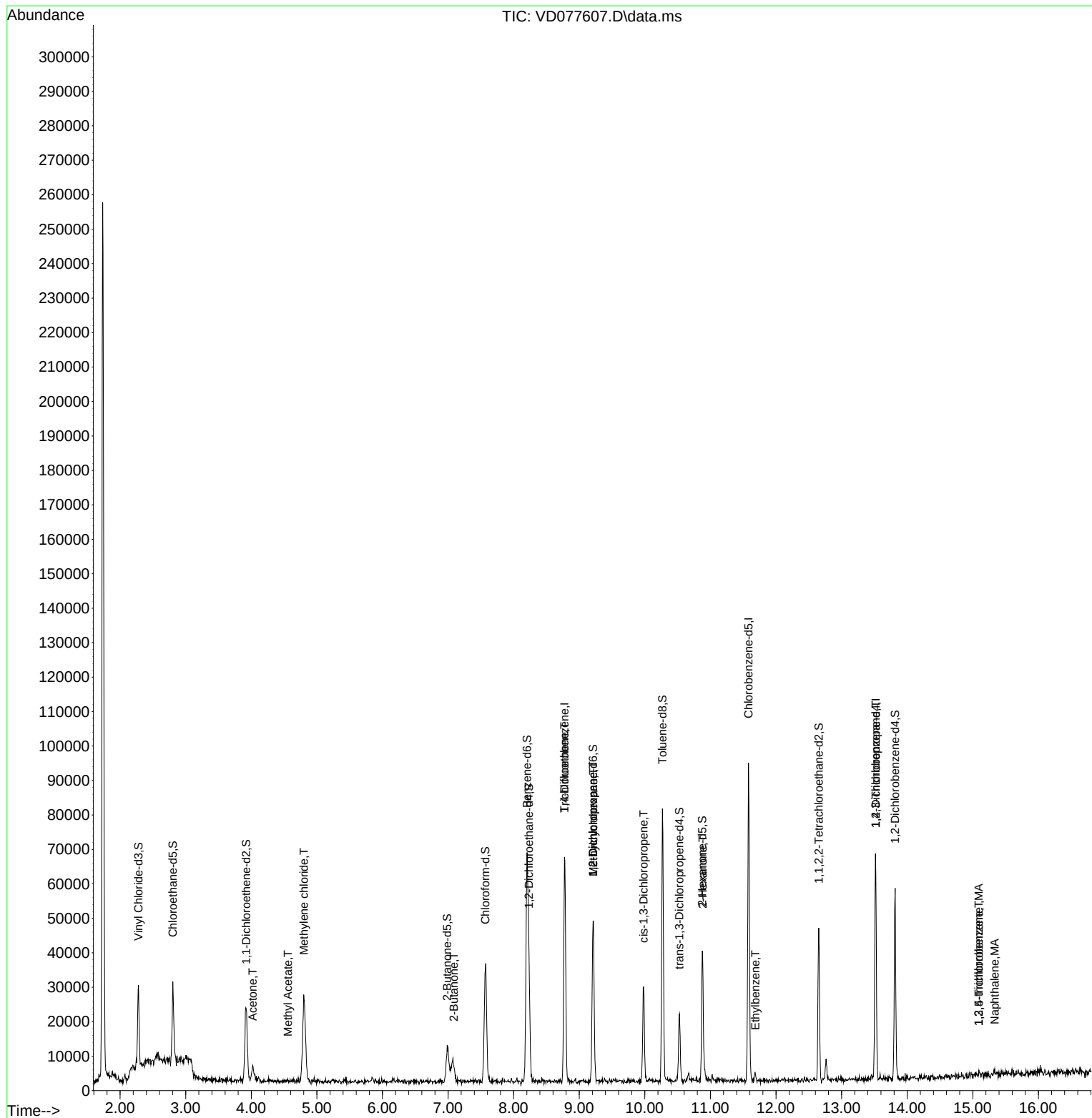
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	53493	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	47274	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	17116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	21591	15.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.480%
7) Chloroethane-d5	2.805	69	19780	18.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	3.922	65	7198	17.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.440%
21) 2-Butanone-d5	6.987	46	19280	81.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.660%#
24) Chloroform-d	7.569	84	34818	22.532	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	8.234	65	23877	29.049	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.200%
32) Benzene-d6	8.204	84	63923	20.834	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.320%
36) 1,2-Dichloropropane-d6	9.210	67	23549	23.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	10.269	98	50891	18.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.440%
43) trans-1,3-Dichloroprop...	10.528	79	11094	25.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.000%
47) 2-Hexanone-d5	10.875	63	13574	75.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.840%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	22883	34.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	12940	21.251	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
13) Acetone	4.022	43	7372	29.768	ug/L	82
15) Methyl Acetate	4.558	43	217	0.533	ug/L #	56
16) Methylene chloride	4.805	84	16962	18.781	ug/L	94
22) 2-Butanone	7.087	43	1911	6.413	ug/L	88
34) Trichloroethene	8.775	95	1847	2.274	ug/L #	10
35) Methylcyclohexane	9.216	83	5523	3.768	ug/L #	17
37) 1,2-Dichloropropane	9.210	63	2593	2.845	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	757	0.541	ug/L	87
48) 2-Hexanone	10.881	43	1751	3.978	ug/L #	51
52) Ethylbenzene	11.687	91	1401	0.370	ug/L	86
61) 1,2,3-Trichloropropane	13.522	75	2460	6.747	ug/L #	67
69) 1,3,5-Trichlorobenzene	15.092	180	316	0.409	ug/L #	67
70) 1,2,4-trichlorobenzene	15.092	180	316	0.485	ug/L #	72
71) Naphthalene	15.333	128	981	0.799	ug/L #	69

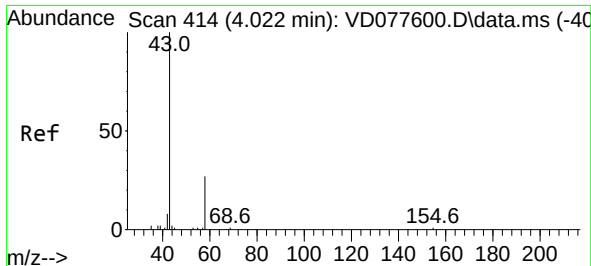
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

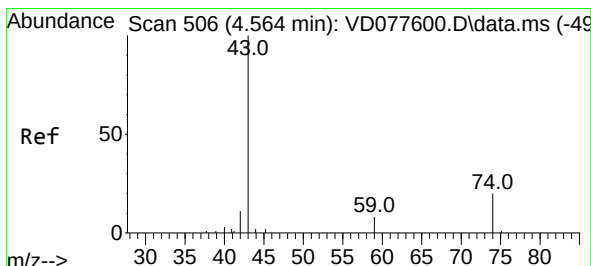
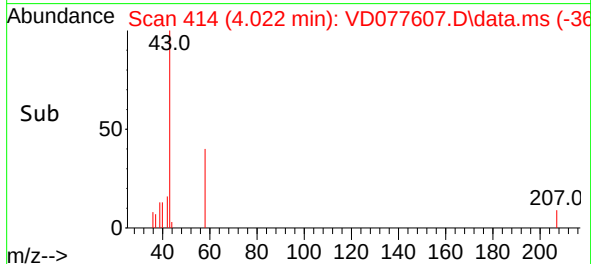
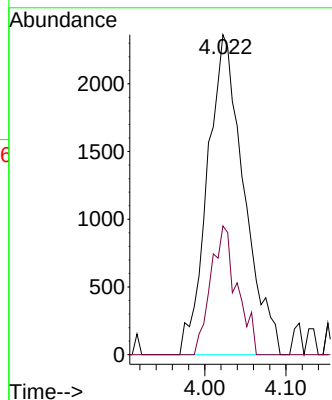
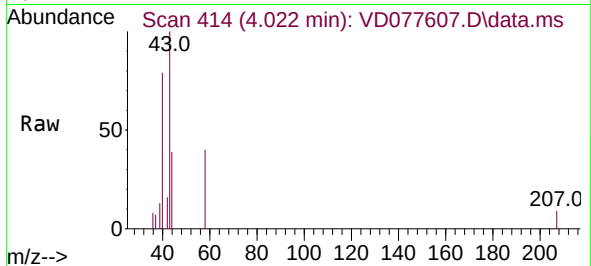




#13
Acetone
Concen: 29.768 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

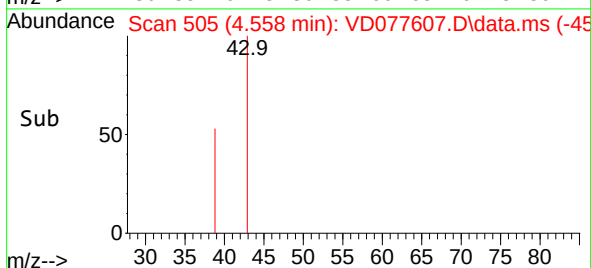
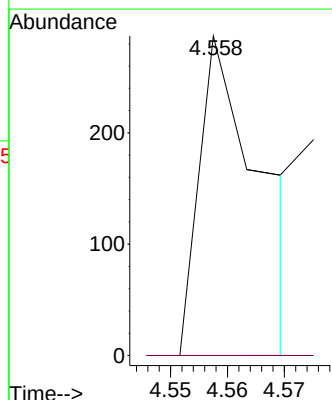
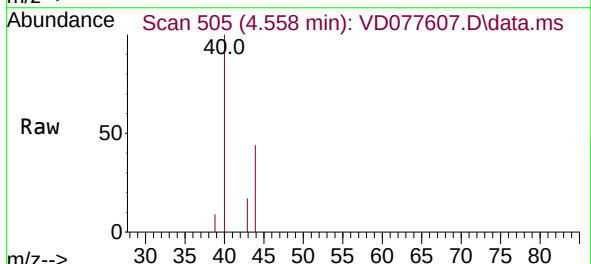
Instrument :
MSVOA_D
ClientSampleId :

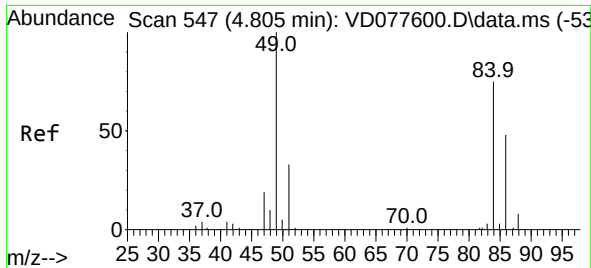
Tgt Ion: 43 Resp: 7372
Ion Ratio Lower Upper
43 100
58 22.1 0.0 64.0



#15
Methyl Acetate
Concen: 0.533 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

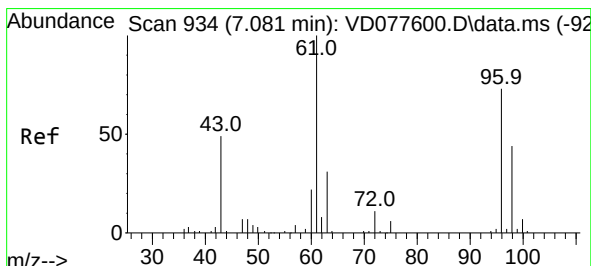
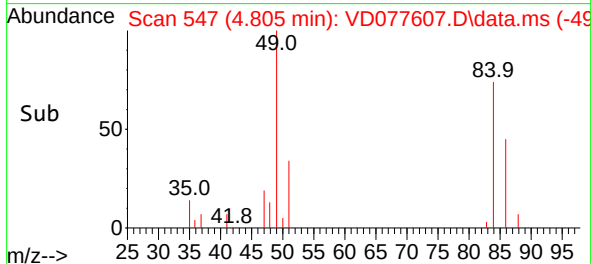
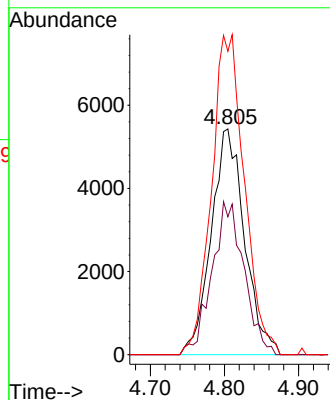
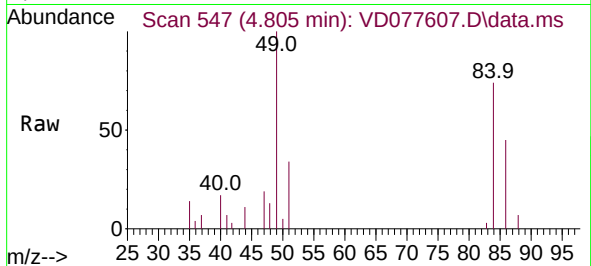




#16
Methylene chloride
Concen: 18.781 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

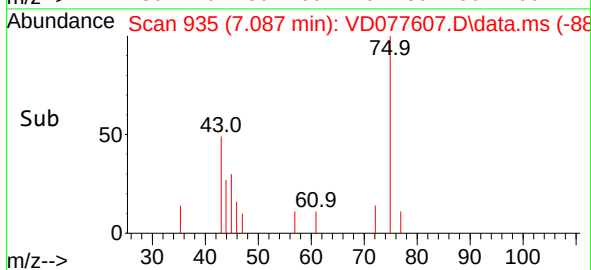
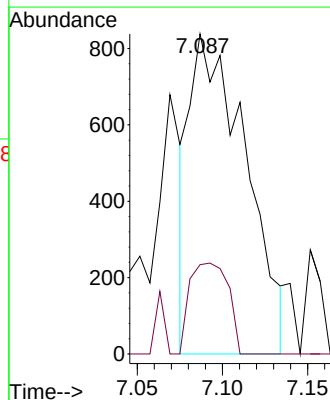
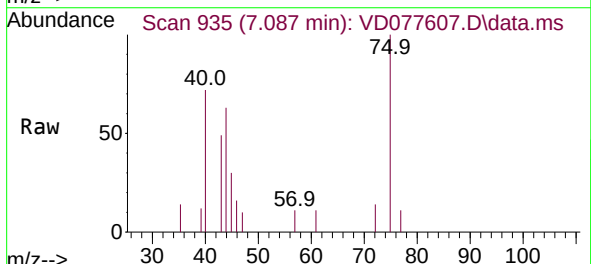
Instrument :
MSVOA_D
ClientSampleId :

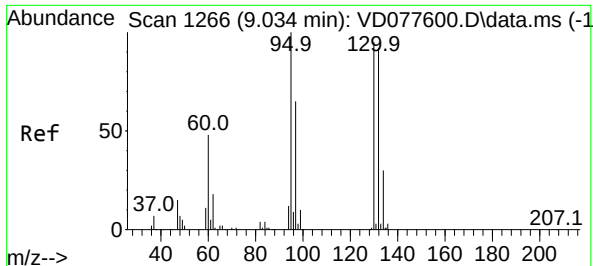
Tgt Ion:	84	Resp:	16962
Ion	Ratio	Lower	Upper
84	100		
86	61.1	46.5	86.5
49	134.4	98.3	182.7



#22
2-Butanone
Concen: 6.413 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

Tgt Ion:	43	Resp:	1911
Ion	Ratio	Lower	Upper
43	100		
72	19.7	12.8	38.4





#34

Trichloroethene

Concen: 2.274 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.259 min

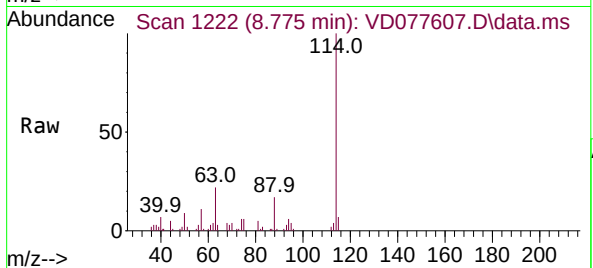
Lab File: VD077607.D

Acq: 17 Nov 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 1847

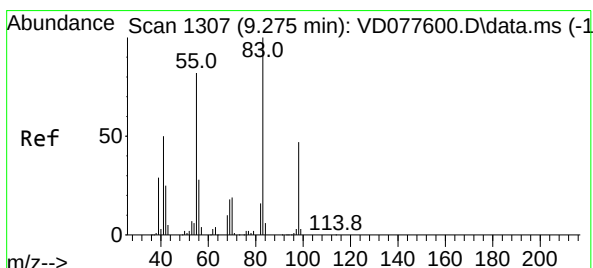
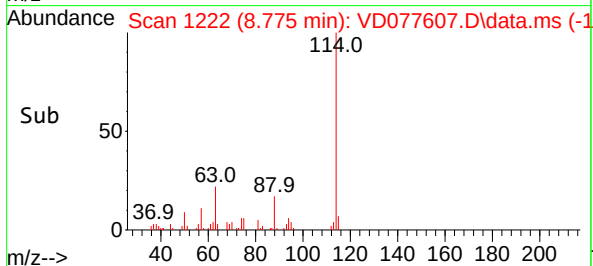
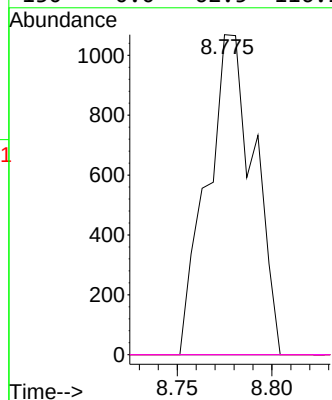
Ion Ratio Lower Upper

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: 3.768 ug/L

RT: 9.216 min Scan# 1297

Delta R.T. -0.059 min

Lab File: VD077607.D

Acq: 17 Nov 2023 12:21

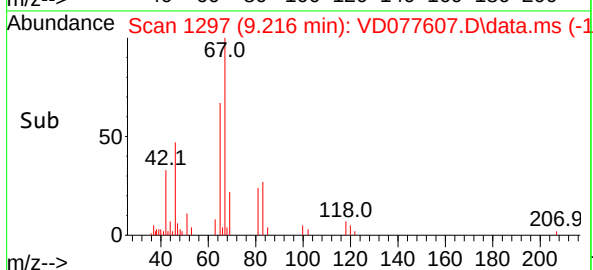
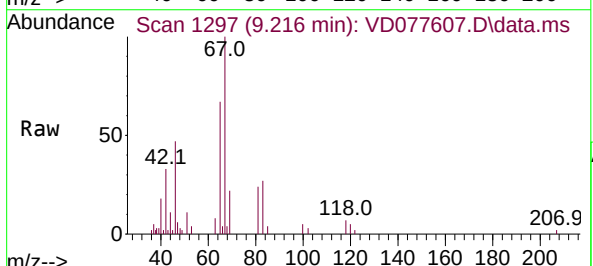
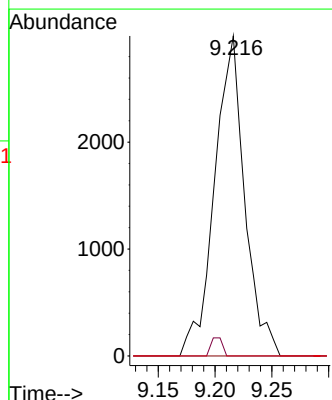
Tgt Ion: 83 Resp: 5523

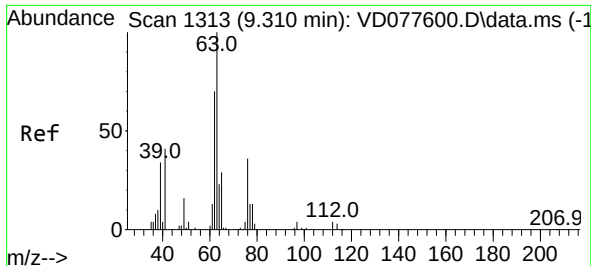
Ion Ratio Lower Upper

83 100

55 2.2 66.5 99.7#

98 0.0 37.4 56.2#

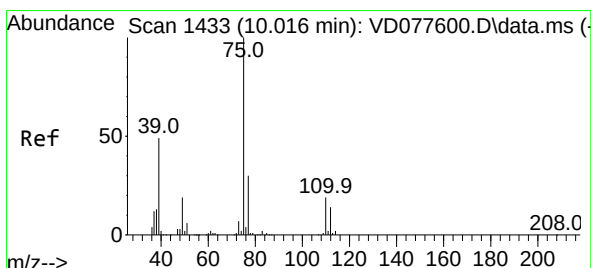
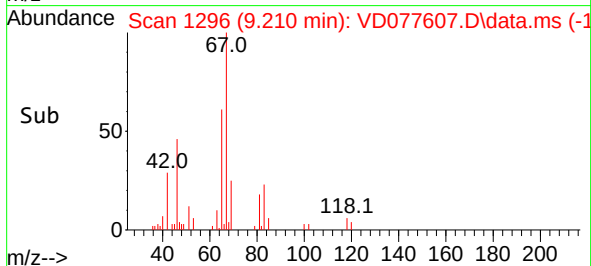
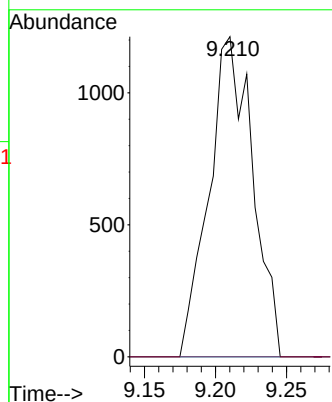
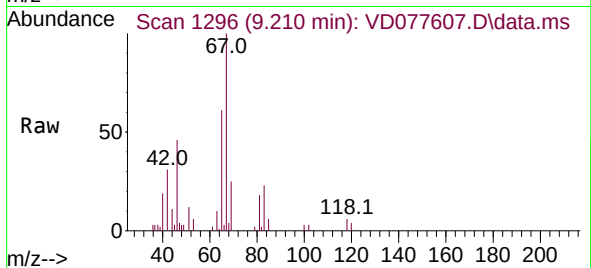




#37
1,2-Dichloropropane
Concen: 2.845 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

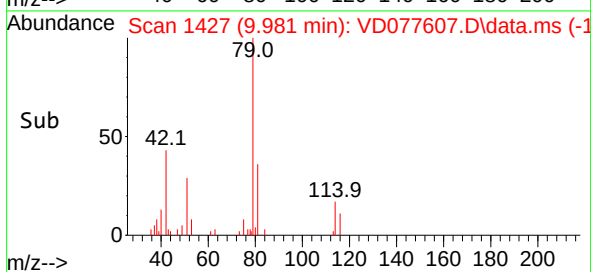
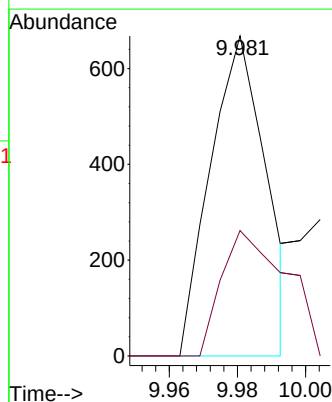
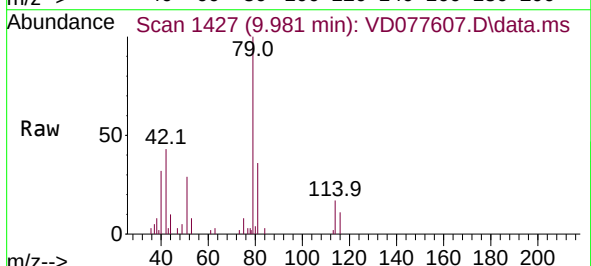
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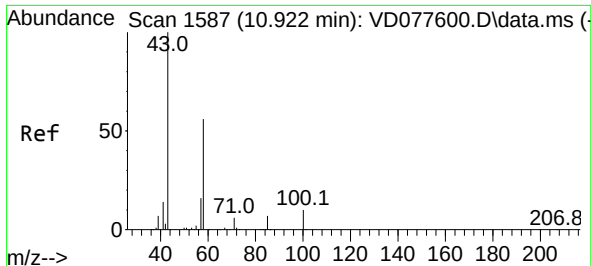
Tgt Ion: 63 Resp: 2593
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.541 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

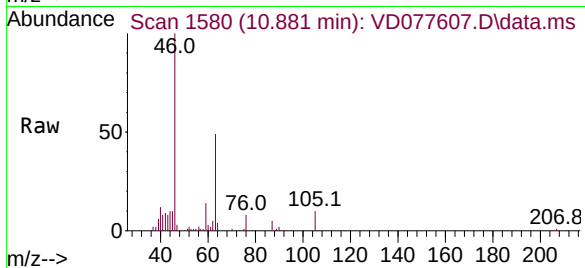
Tgt Ion: 75 Resp: 757
Ion Ratio Lower Upper
75 100
77 39.2 22.5 41.9



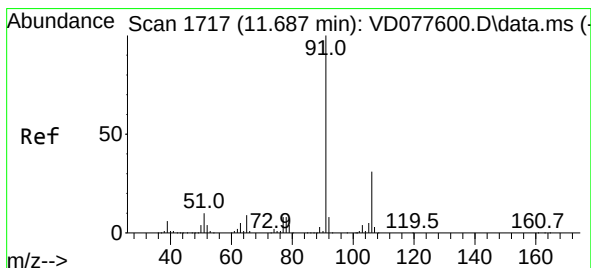
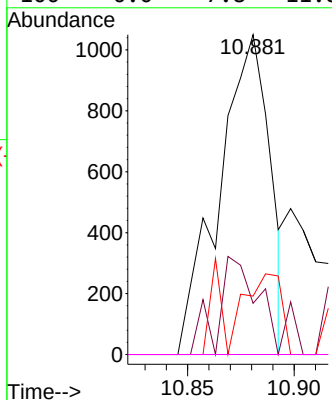
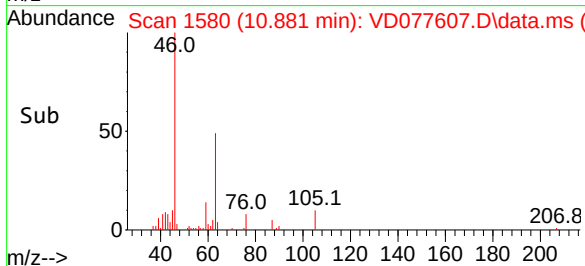


#48
2-Hexanone
Concen: 3.978 ug/L
RT: 10.881 min Scan# 11751
Delta R.T. -0.041 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

Instrument :
MSVOA_D
ClientSampleId :

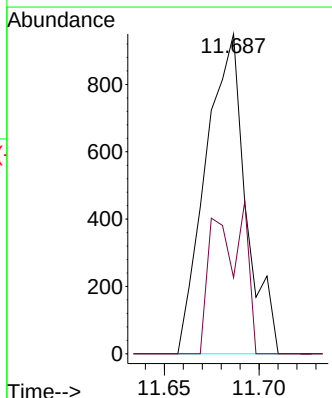
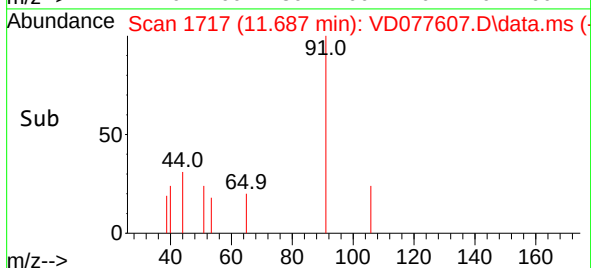
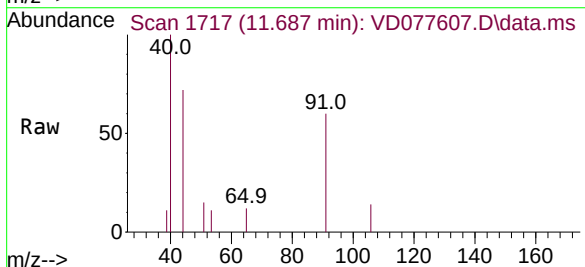


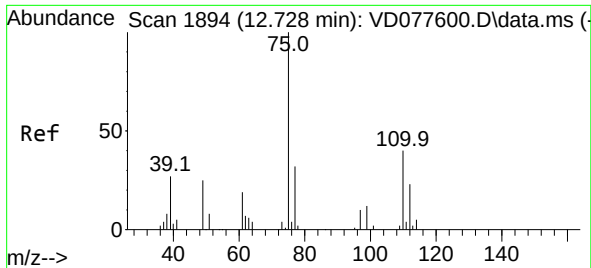
Tgt Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
58 3.5 40.8 61.2#
57 18.4 13.7 20.5
100 0.0 7.8 11.8#



#52
Ethylbenzene
Concen: 0.370 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

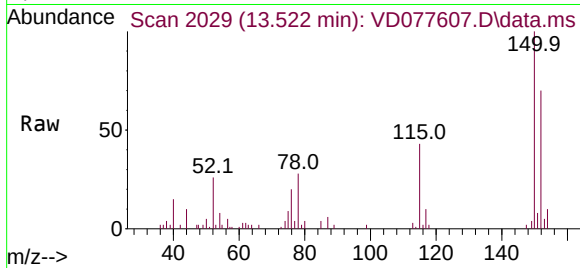
Tgt Ion: 91 Resp: 1401
Ion Ratio Lower Upper
91 100
106 23.8 22.0 40.8



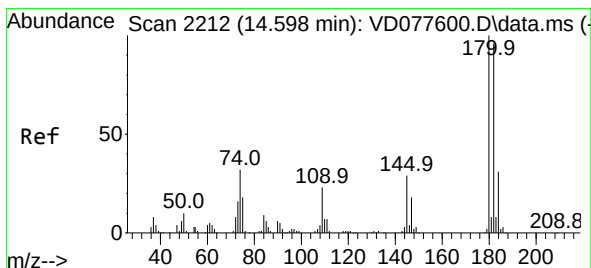
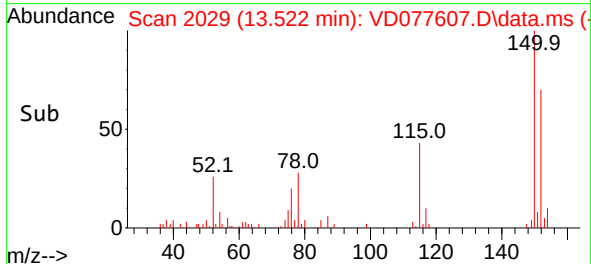
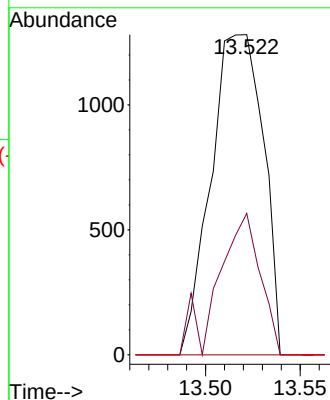


#61
1,2,3-Trichloropropane
Concen: 6.747 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

Instrument :
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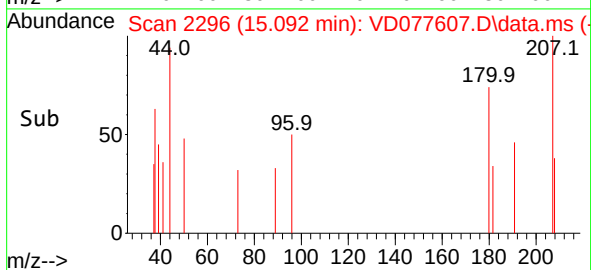
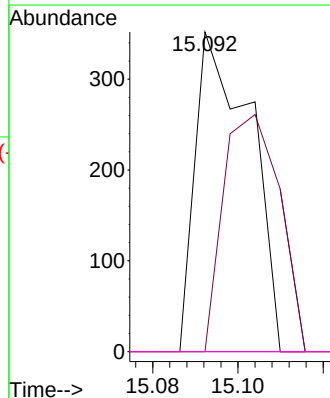
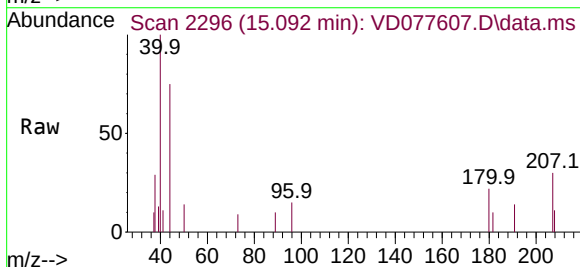


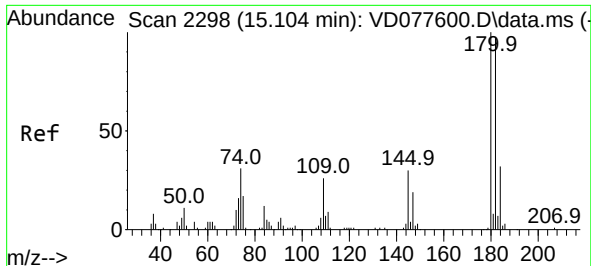
Tgt Ion: 75 Resp: 2460
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
110 0.0 29.6 44.4#



#69
1,3,5-Trichlorobenzene
Concen: 0.409 ug/L
RT: 15.092 min Scan# 2296
Delta R.T. 0.494 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

Tgt Ion: 180 Resp: 316
Ion Ratio Lower Upper
180 100
182 75.9 76.1 114.1#
184 0.0 24.0 36.0#
145 0.0 23.1 34.7#

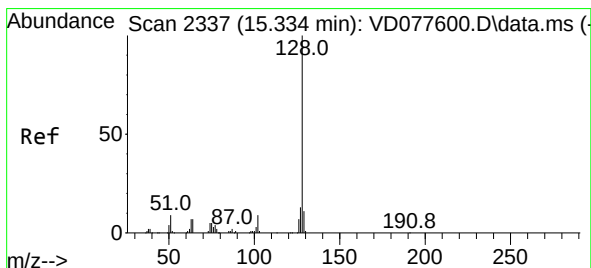
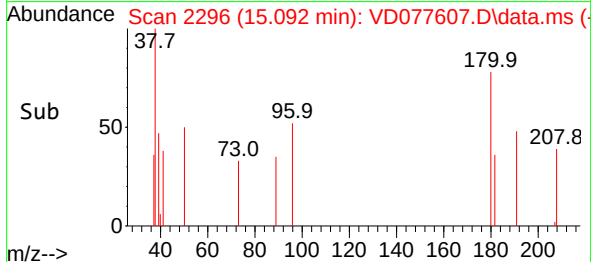
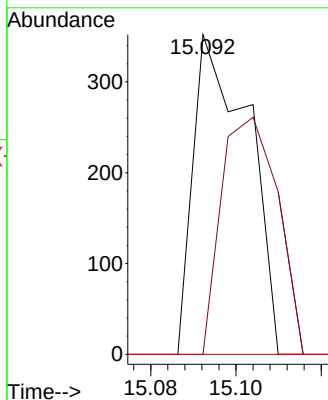
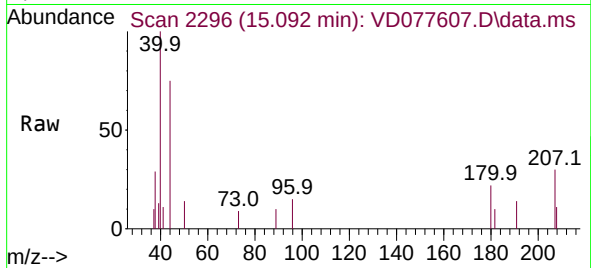




#70
1,2,4-trichlorobenzene
Concen: 0.485 ug/L
RT: 15.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 316
Ion Ratio Lower Upper
180 100
182 75.9 75.8 113.6
145 0.0 24.1 36.1#



#71
Naphthalene
Concen: 0.799 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077607.D
Acq: 17 Nov 2023 12:21

Tgt Ion:128 Resp: 981
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.0 13.6#

