

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
 Data File : VD078996.D
 Acq On : 23 May 2024 11:31
 Operator : RP/MD
 Sample : P2568-12
 Misc : 4.71G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 02:13:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

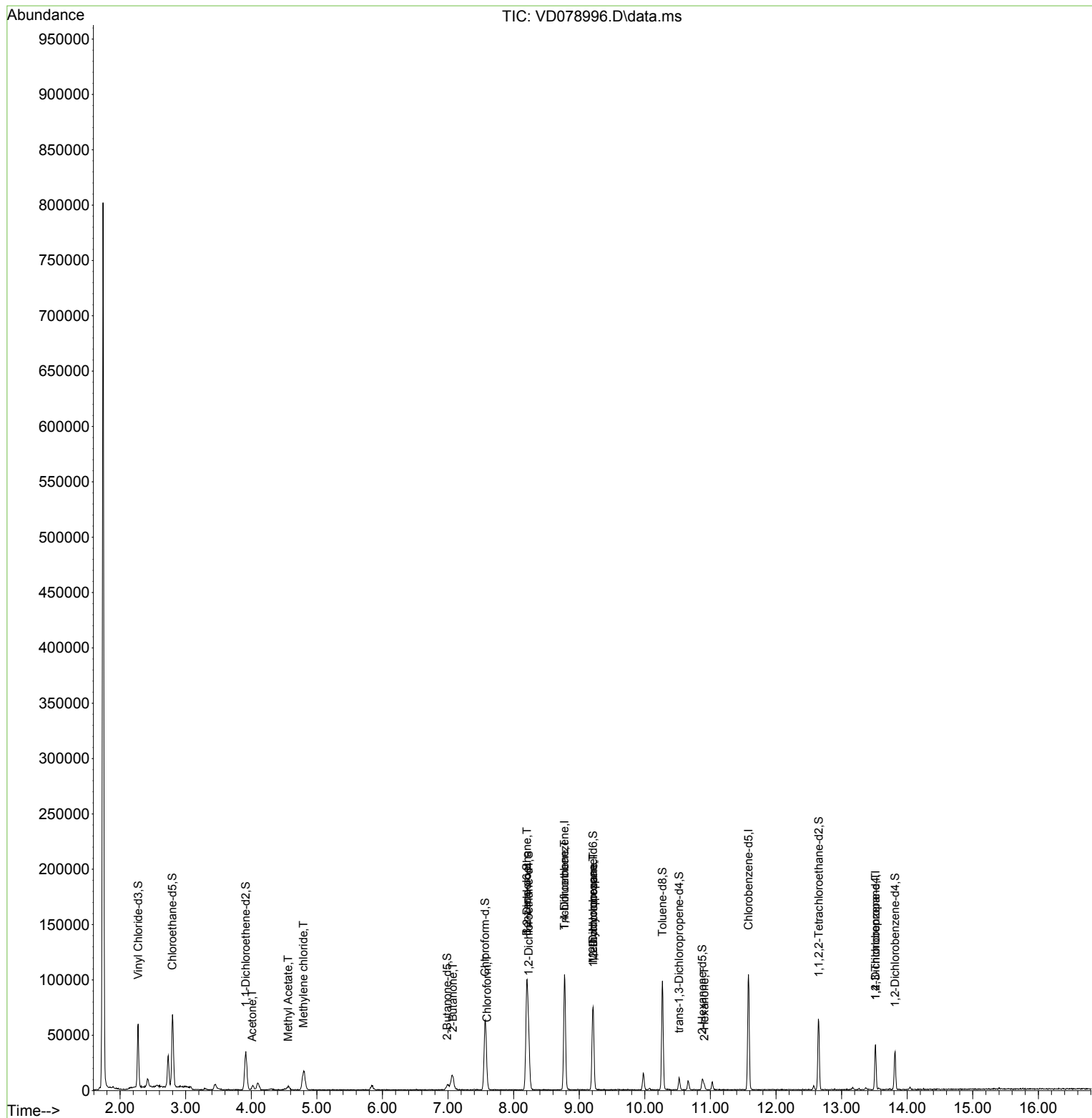
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	98640	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	66010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	11840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	53317	22.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
7) Chloroethane-d5	2.799	69	69225	26.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.960%
11) 1,1-Dichloroethene-d2	3.917	65	9477	20.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.360%
21) 2-Butanone-d5	6.987	46	7256	21.200	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.400%
24) Chloroform-d	7.563	84	68511	23.331	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.228	65	33878	24.293	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.199	84	111472	33.096	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.400%
36) 1,2-Dichloropropane-d6	9.210	67	39057	38.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.240%#
41) Toluene-d8	10.269	98	70223	22.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.480%
43) trans-1,3-Dichloroprop...	10.522	79	6723	14.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.880%
47) 2-Hexanone-d5	10.875	63	2884	14.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	33531	28.722	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	10650	26.501	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
13) Acetone	4.017	43	3717	8.990	ug/L	95
15) Methyl Acetate	4.564	43	2876	4.281	ug/L	100
16) Methylene chloride	4.793	84	9257	3.962	ug/L	83
22) 2-Butanone	7.075	43	1890	3.976	ug/L #	41
25) Chloroform	7.593	83	1456	0.415	ug/L	85
27) 1,2-Dichloroethane	8.205	62	406	0.200	ug/L #	68
34) Trichloroethene	8.775	95	2530	2.170	ug/L #	3
35) Methylcyclohexane	9.210	83	10073	5.748	ug/L #	23
37) 1,2-Dichloropropane	9.216	63	4374	3.814	ug/L #	85
48) 2-Hexanone	10.910	43	3048	6.788	ug/L #	31
61) 1,2,3-Trichloropropane	13.516	75	1403	5.170	ug/L #	57

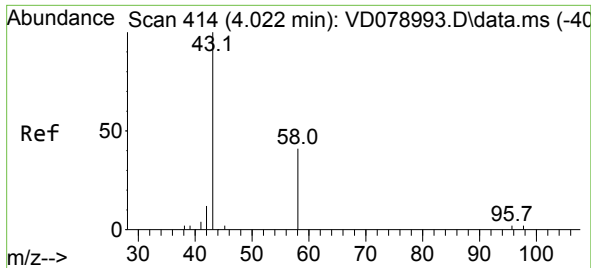
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration

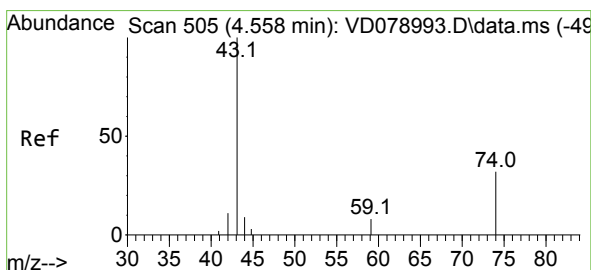
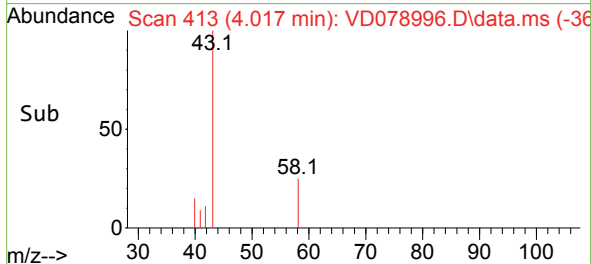
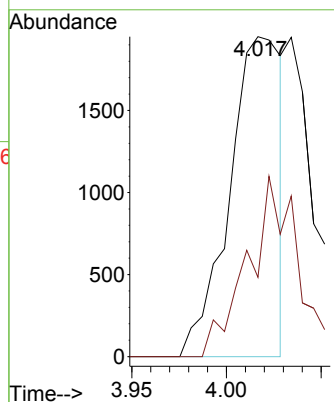
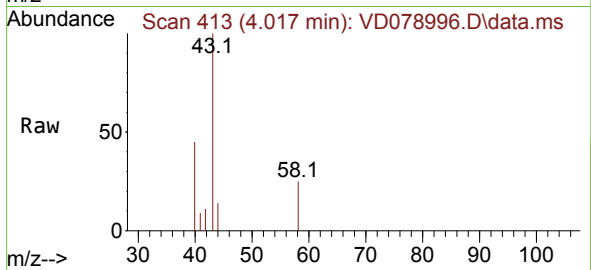




#13
Acetone
Concen: 8.990 ug/L
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

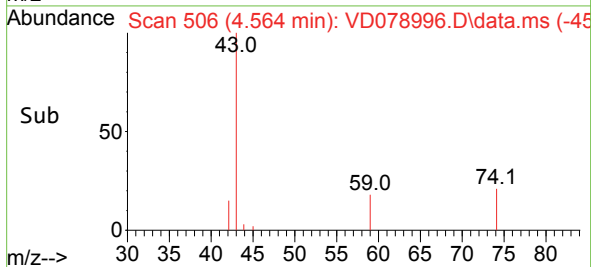
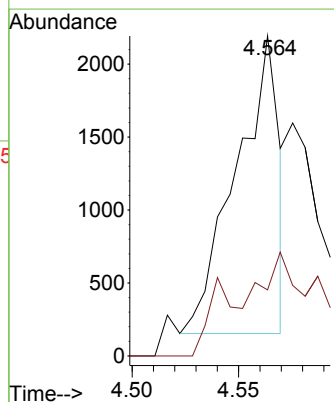
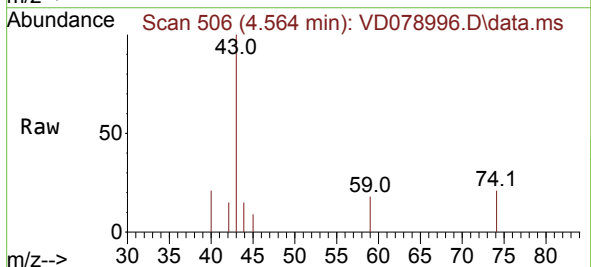
Instrument :
MSVOA_D
ClientSampleId :

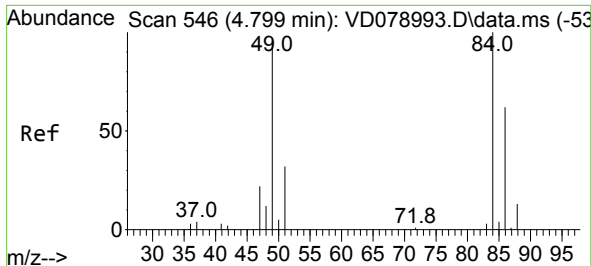
Tgt Ion: 43 Resp: 3717
Ion Ratio Lower Upper
43 100
58 34.3 0.0 75.0



#15
Methyl Acetate
Concen: 4.281 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

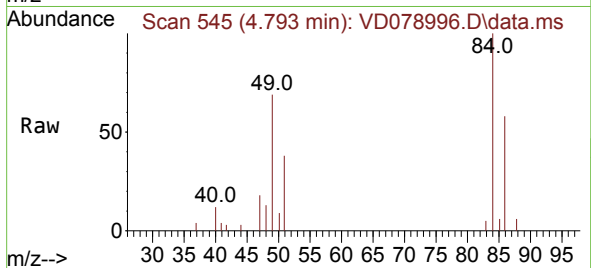
Tgt Ion: 43 Resp: 2876
Ion Ratio Lower Upper
43 100
74 31.4 25.1 37.7



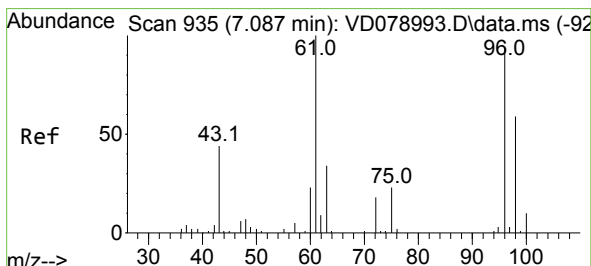
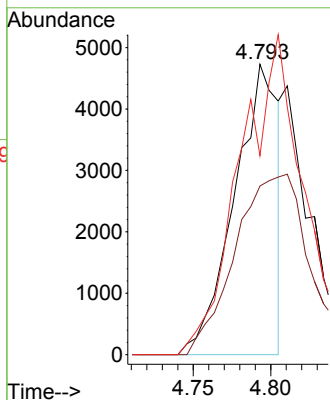
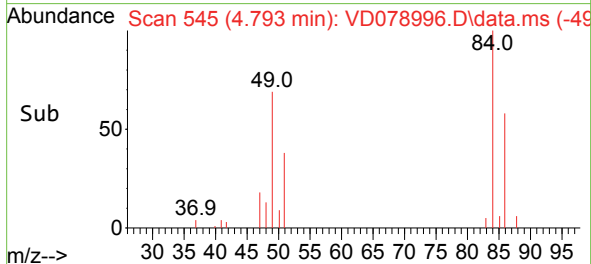


#16
Methylene chloride
Concen: 3.962 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

Instrument :
MSVOA_D
ClientSampleId :

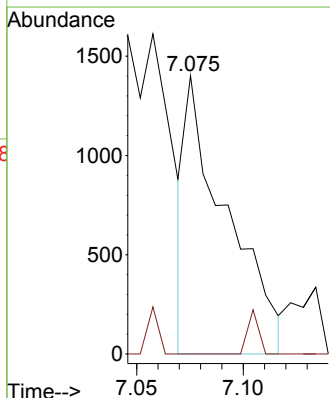
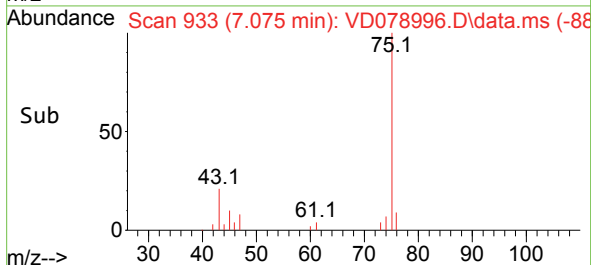
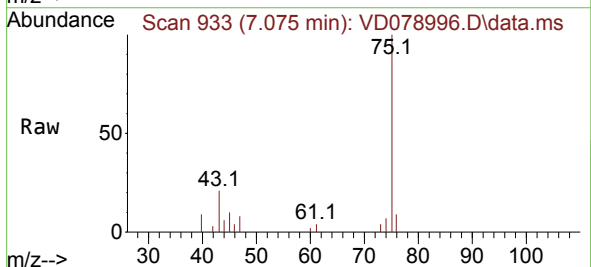


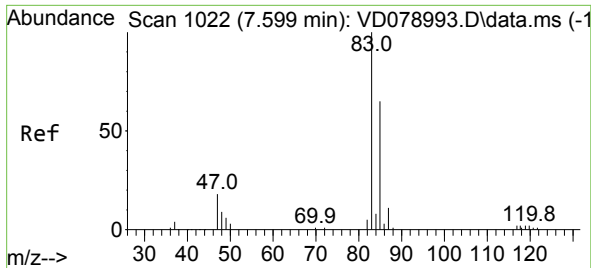
Tgt Ion: 84 Resp: 9257
Ion Ratio Lower Upper
84 100
86 58.0 43.7 81.1
49 68.5 64.0 119.0



#22
2-Butanone
Concen: 3.976 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
72 0.0 17.1 51.2#

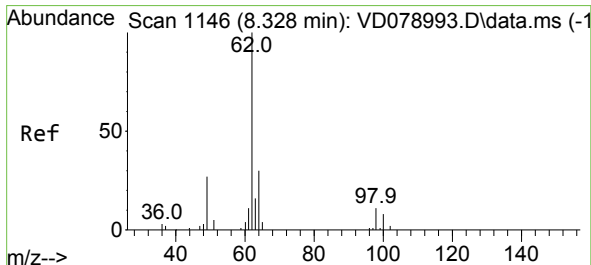
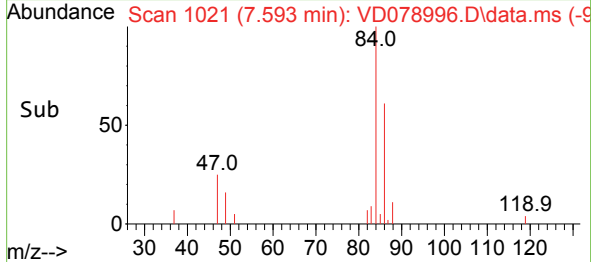
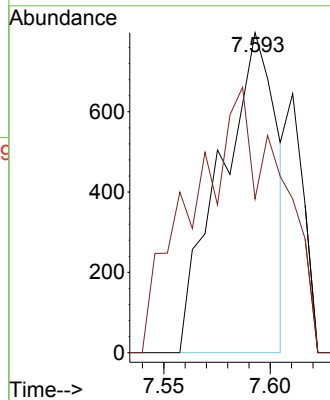
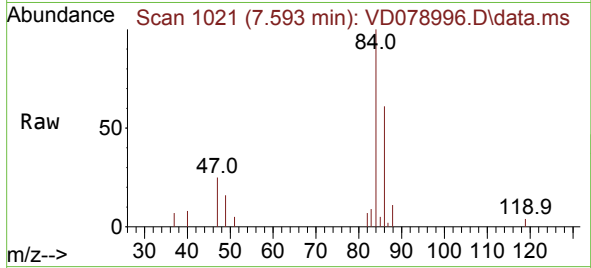




#25
Chloroform
Concen: 0.415 ug/L
RT: 7.593 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

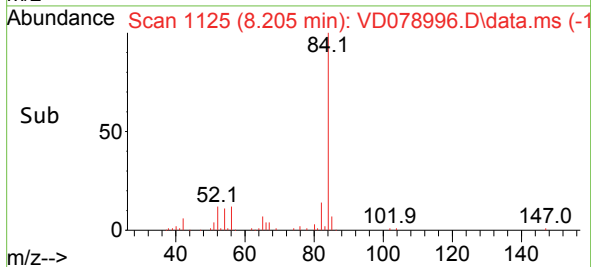
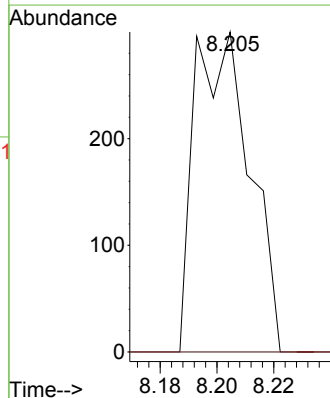
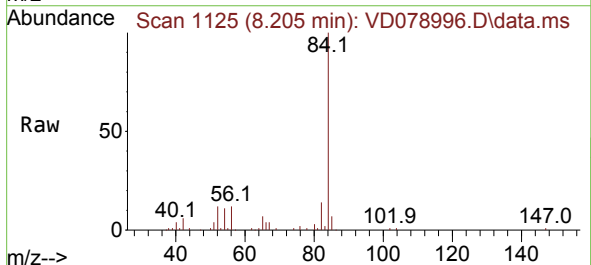
Instrument :
MSVOA_D
ClientSampleId :

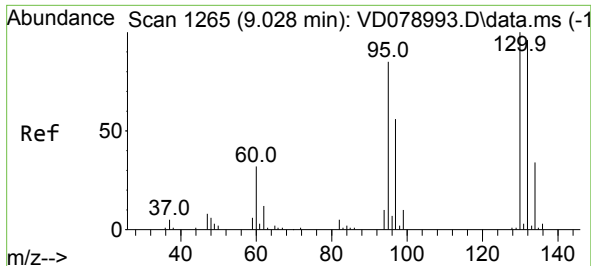
Tgt Ion: 83 Resp: 1456
Ion Ratio Lower Upper
83 100
85 48.1 41.8 77.6



#27
1,2-Dichloroethane
Concen: 0.200 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.123 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

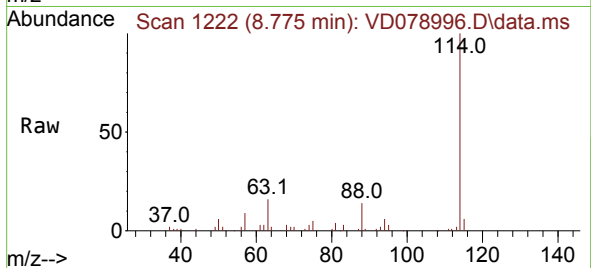
Tgt Ion: 62 Resp: 406
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.4#



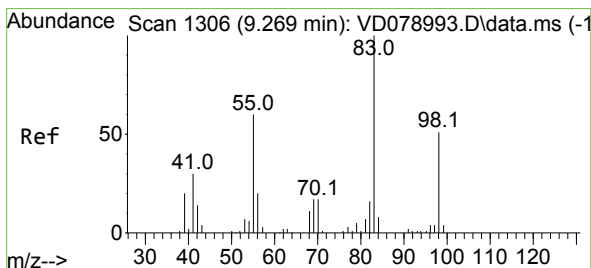
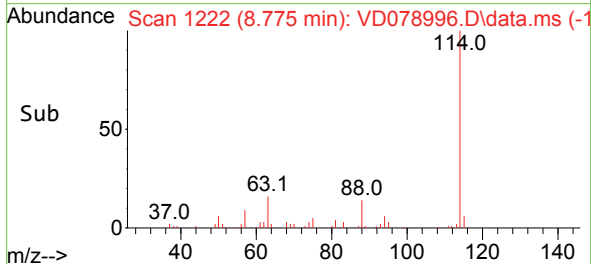
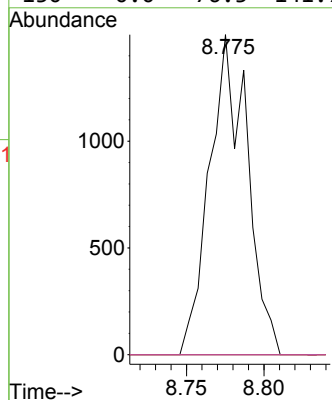


#34
Trichloroethene
Concen: 2.170 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

Instrument :
MSVOA_D
ClientSampleId :

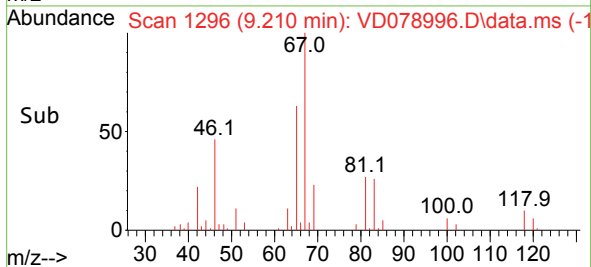
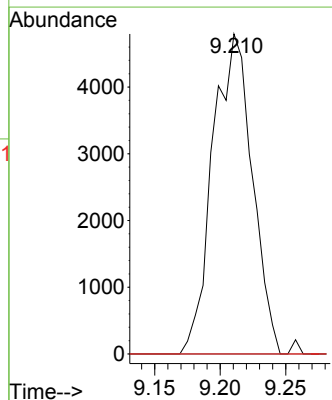
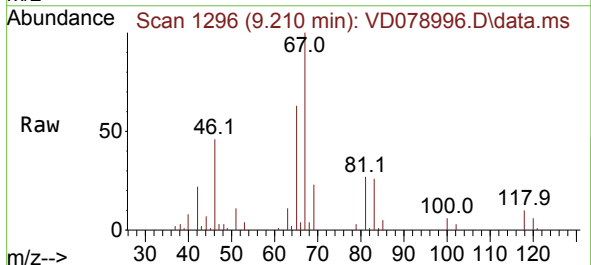


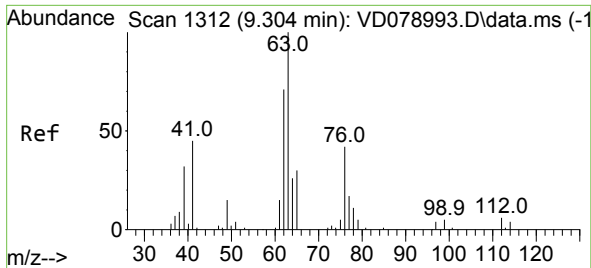
Tgt Ion: 95 Resp: 2530
Ion Ratio Lower Upper
95 100
97 0.0 42.6 79.2#
132 0.0 69.5 129.1#
130 0.0 76.3 141.7#



#35
Methylcyclohexane
Concen: 5.748 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

Tgt Ion: 83 Resp: 10073
Ion Ratio Lower Upper
83 100
55 0.0 49.0 73.6#
98 0.0 40.1 60.1#

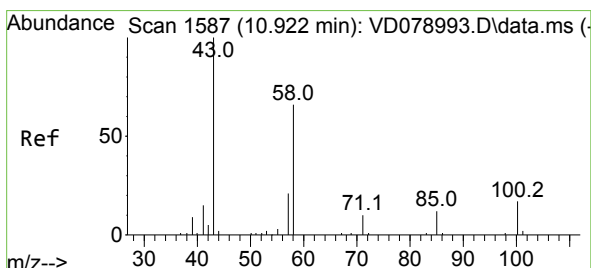
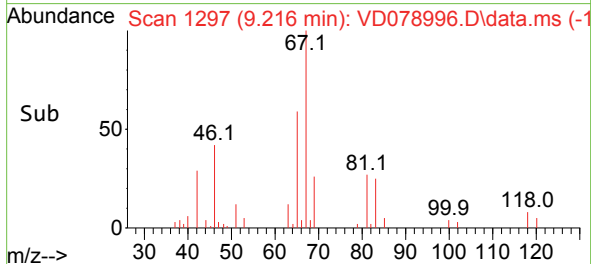
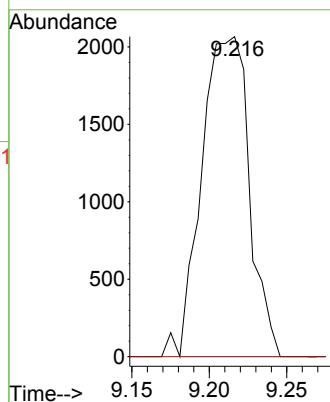
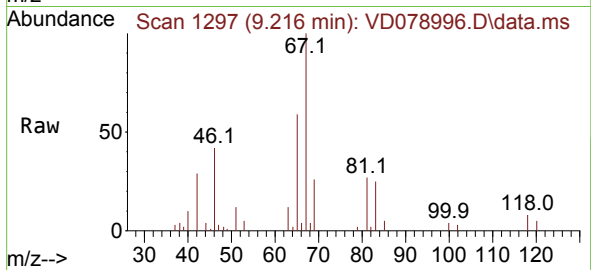




#37
1,2-Dichloropropane
Concen: 3.814 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

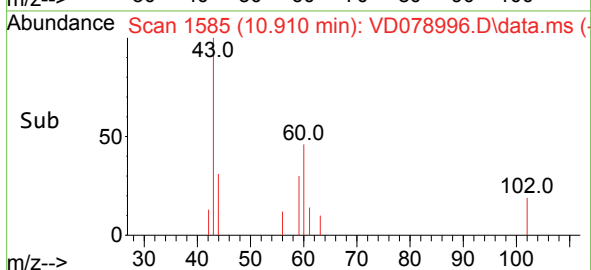
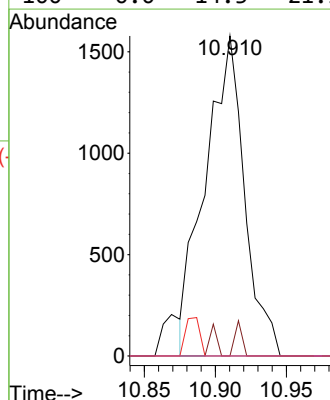
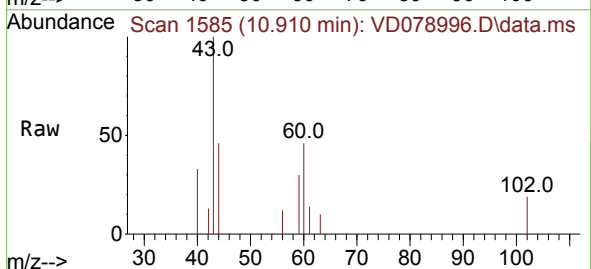
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MSVOA_D
ClientSampleId :

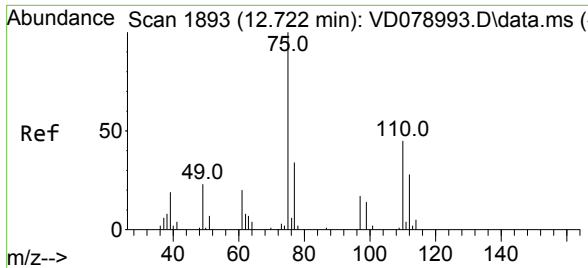
Tgt Ion: 63 Resp: 4374
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#48
2-Hexanone
Concen: 6.788 ug/L
RT: 10.910 min Scan# 1585
Delta R.T. -0.012 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

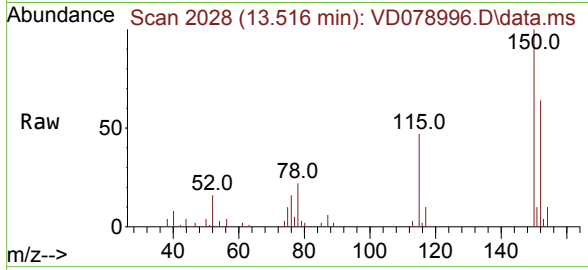
Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
58 0.0 53.4 80.2#
57 0.0 17.0 25.4#
100 0.0 14.3 21.5#





#61
 1,2,3-Trichloropropane
 Concen: 5.170 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD078996.D
 Acq: 23 May 2024 11:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	1403
Ion	Ratio	Lower Upper
75	100	
77	29.5	26.2 39.2
110	0.0	37.1 55.7#

