

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079920.D
 Acq On : 27 Sep 2024 14:13
 Operator : RP/MD
 Sample : P4162-16
 Misc : 5.46G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 23:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 23:37:15 2024
 Response via : Initial Calibration

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

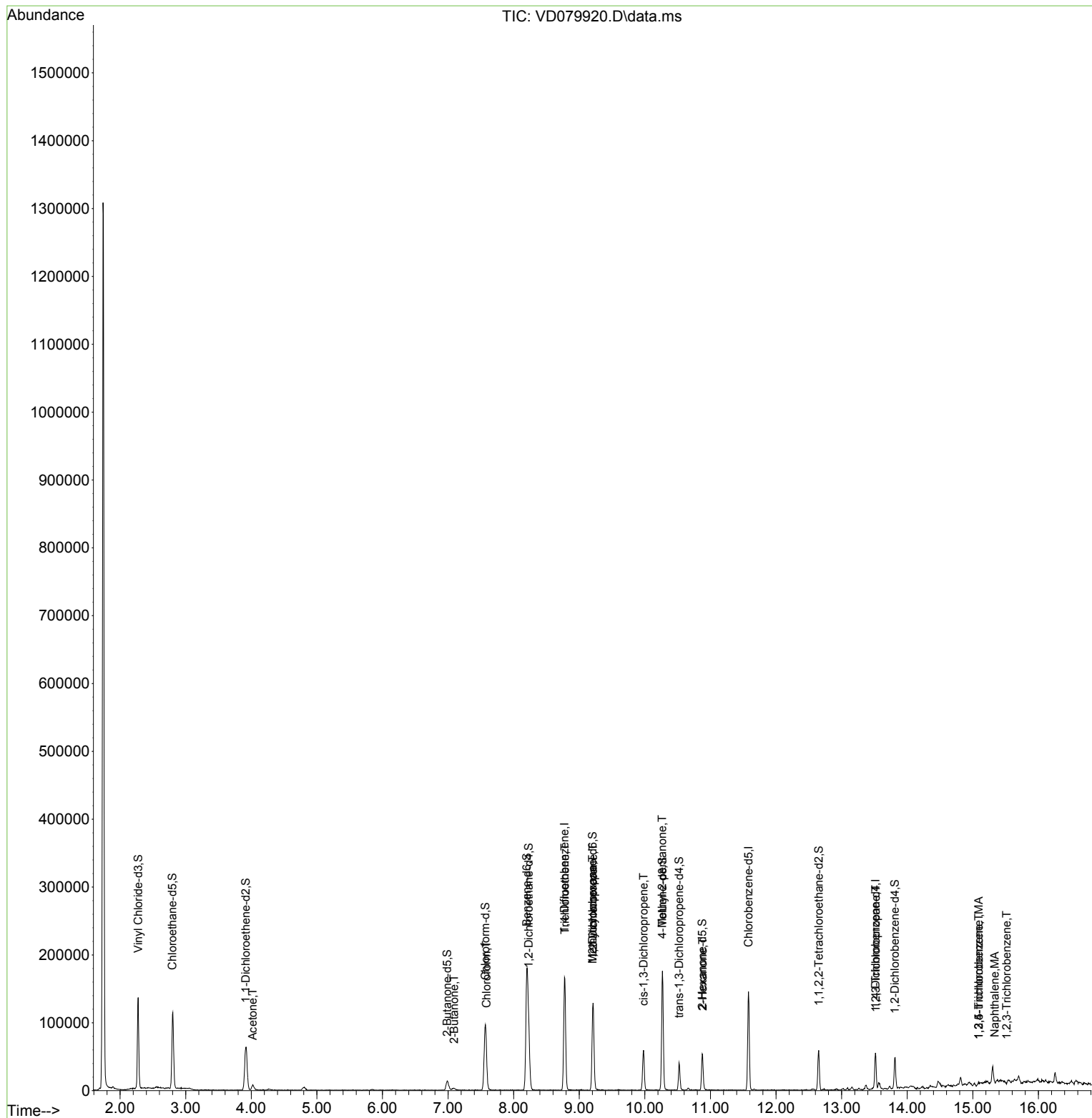
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	141985	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	80010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	13682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	121365	19.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
7) Chloroethane-d5	2.799	69	118693	24.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.120%
11) 1,1-Dichloroethene-d2	3.916	65	19823	17.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.720%
21) 2-Butanone-d5	6.987	46	25213	43.953	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.900%
24) Chloroform-d	7.569	84	104306	22.348	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	8.228	65	57481	23.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	8.198	84	191415	33.887	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.560%#
36) 1,2-Dichloropropane-d6	9.204	67	63883	36.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.720%#
41) Toluene-d8	10.269	98	120930	24.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.320%
43) trans-1,3-Dichloroprop...	10.522	79	21932	29.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.960%
47) 2-Hexanone-d5	10.875	63	18234	64.656	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	29524	23.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.880%
66) 1,2-Dichlorobenzene-d4	13.810	152	11346	21.989	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	11832	16.918	ug/L	91
22) 2-Butanone	7.093	43	4710	5.741	ug/L #	59
25) Chloroform	7.587	83	2240	0.471	ug/L	99
34) Trichloroethene	8.781	95	4255	3.091	ug/L #	8
35) Methylcyclohexane	9.204	83	15212	6.847	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	6982	4.297	ug/L #	100
39) cis-1,3-Dichloropropene	9.981	75	1847	0.810	ug/L	88
40) 4-Methyl-2-pentanone	10.263	43	423	0.497	ug/L #	1
48) 2-Hexanone	10.881	43	2138	3.090	ug/L #	53
61) 1,2,3-Trichloropropane	13.522	75	1920	5.709	ug/L #	61
69) 1,3,5-Trichlorobenzene	15.092	180	130	0.220	ug/L #	20
70) 1,2,4-trichlorobenzene	15.092	180	130	0.261	ug/L #	12
71) Naphthalene	15.333	128	447	0.402	ug/L #	68
72) 1,2,3-Trichlorobenzene	15.516	180	193	0.433	ug/L #	68

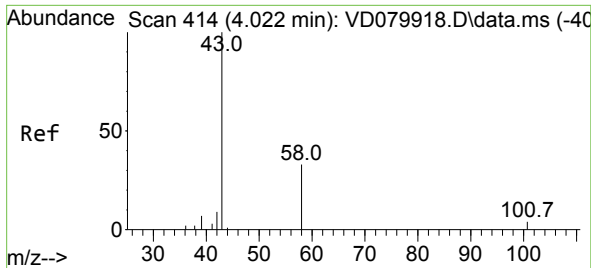
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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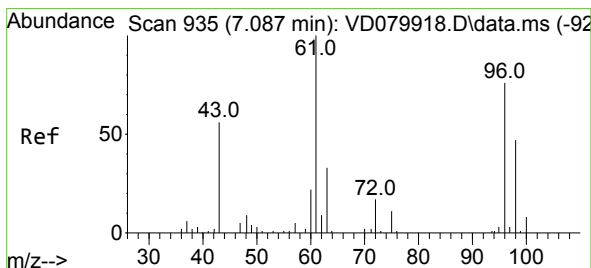
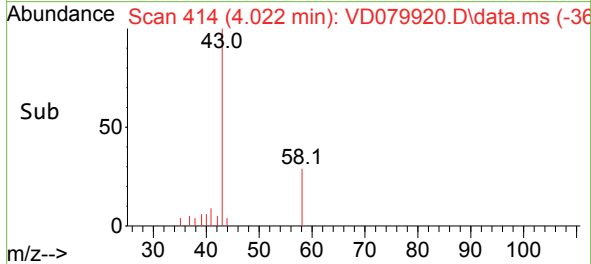
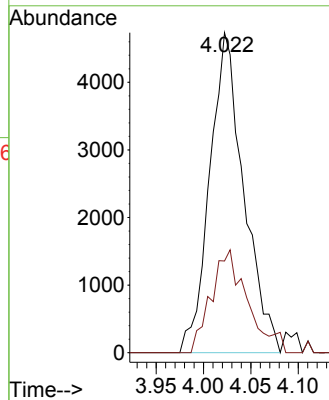
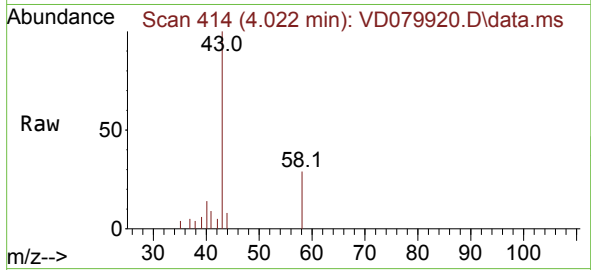




#13
Acetone
Concen: 16.918 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079920.D
Acq: 27 Sep 2024 14:13

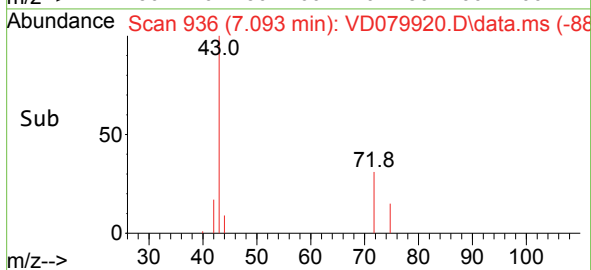
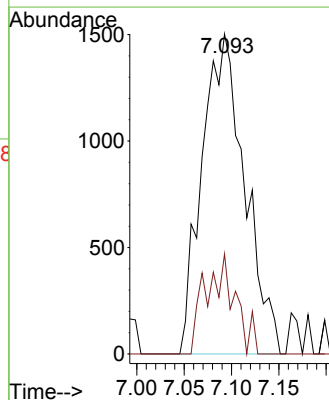
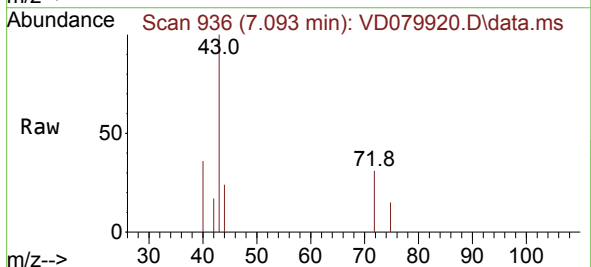
Instrument :
MSVOA_D
ClientSampleId :

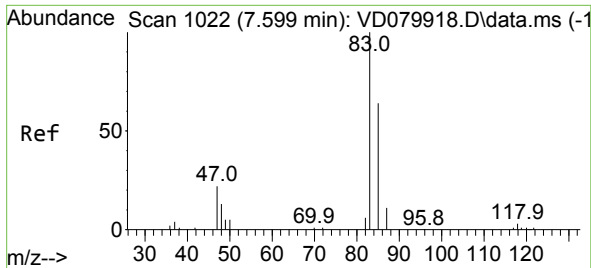
Tgt Ion: 43 Resp: 11832
Ion Ratio Lower Upper
43 100
58 32.6 0.0 75.8



#22
2-Butanone
Concen: 5.741 ug/L
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD079920.D
Acq: 27 Sep 2024 14:13

Tgt Ion: 43 Resp: 4710
Ion Ratio Lower Upper
43 100
72 5.1 13.1 39.3#

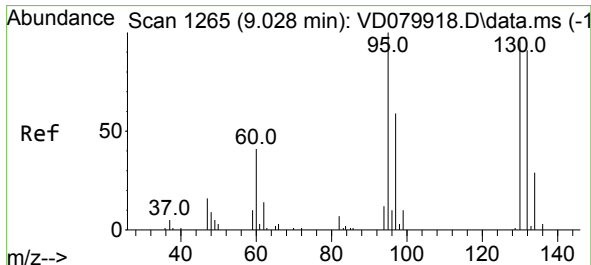
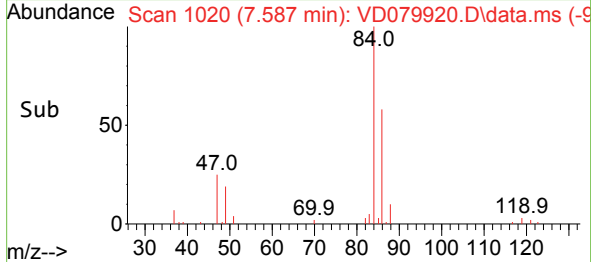
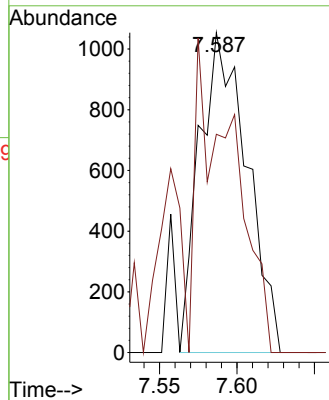
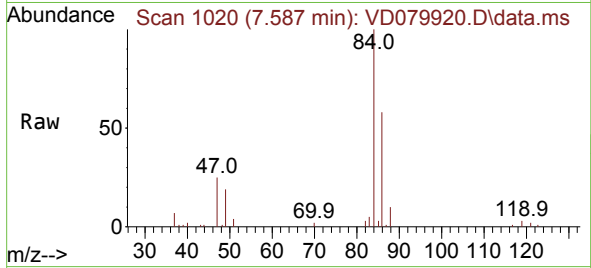




#25
Chloroform
Concen: 0.471 ug/L
RT: 7.587 min Scan# 1022
Delta R.T. -0.012 min
Lab File: VD079920.D
Acq: 27 Sep 2024 14:13

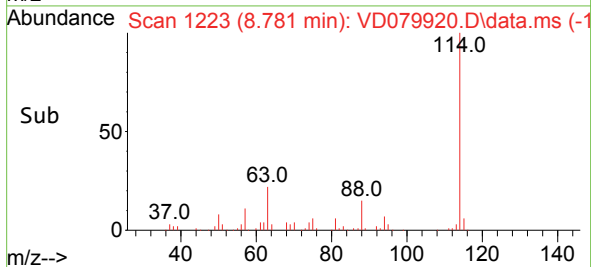
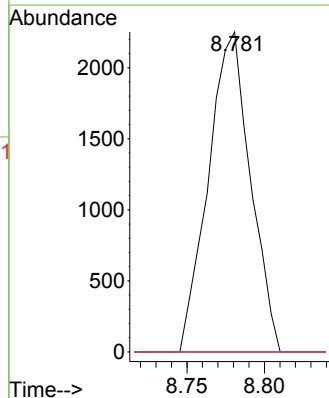
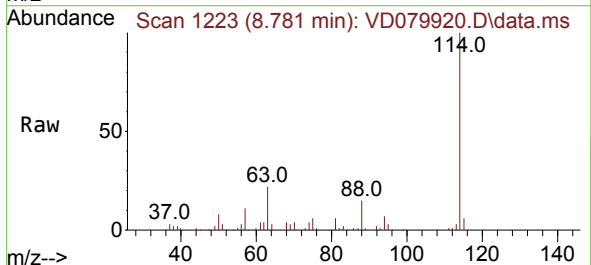
Instrument :
MSVOA_D
ClientSampleId :

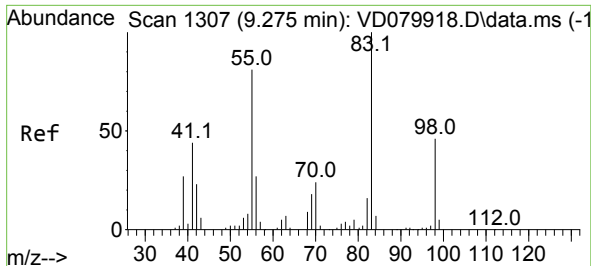
Tgt Ion: 83 Resp: 2240
Ion Ratio Lower Upper
83 100
85 68.2 47.3 87.9



#34
Trichloroethene
Concen: 3.091 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD079920.D
Acq: 27 Sep 2024 14:13

Tgt Ion: 95 Resp: 4255
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.7#
132 0.0 64.5 119.7#
130 0.0 64.1 119.1#





#35

Methylcyclohexane

Concen: 6.847 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

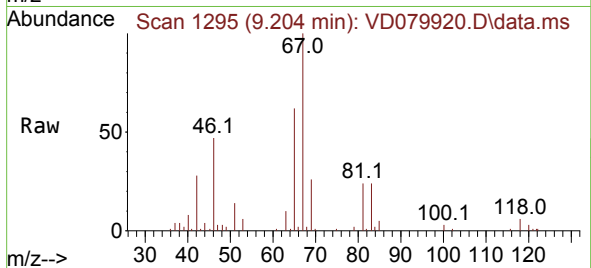
Lab File: VD079920.D

Acq: 27 Sep 2024 14:13

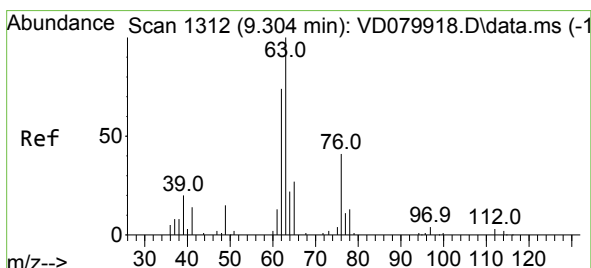
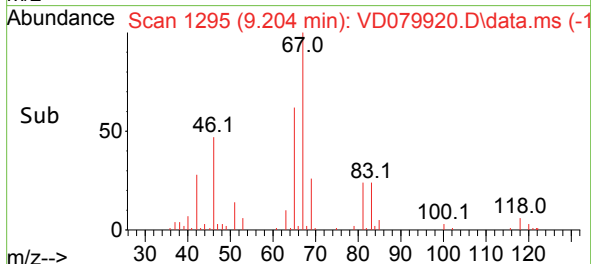
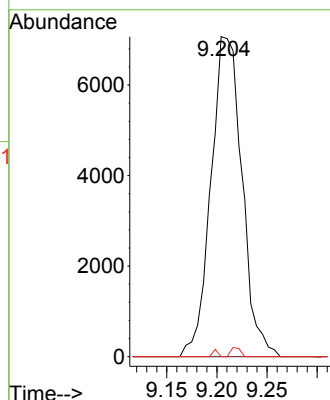
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	15212
Ion Ratio	100	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	0.9	38.6	58.0#



#37

1,2-Dichloropropane

Concen: 4.297 ug/L

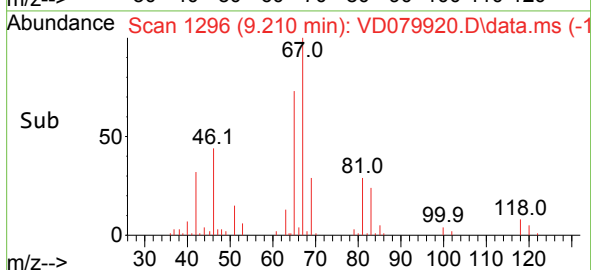
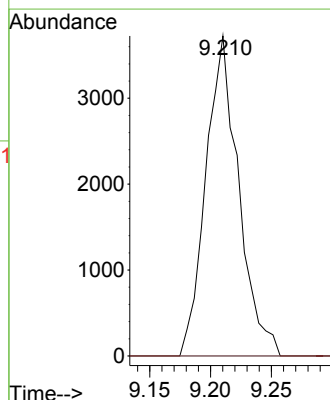
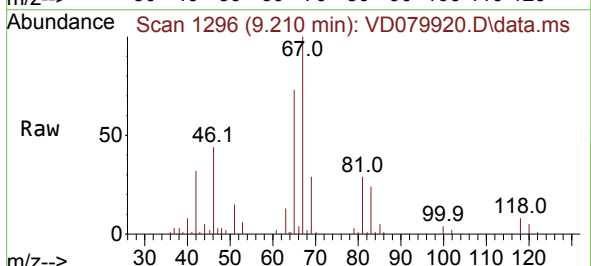
RT: 9.210 min Scan# 1296

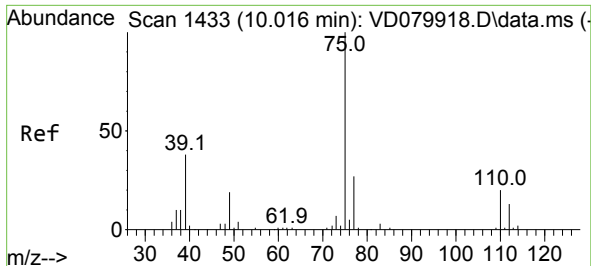
Delta R.T. -0.094 min

Lab File: VD079920.D

Acq: 27 Sep 2024 14:13

Tgt Ion:	63	Resp:	6982
Ion Ratio	100	Lower	Upper
63	100		
112	0.0	0.0	0.0

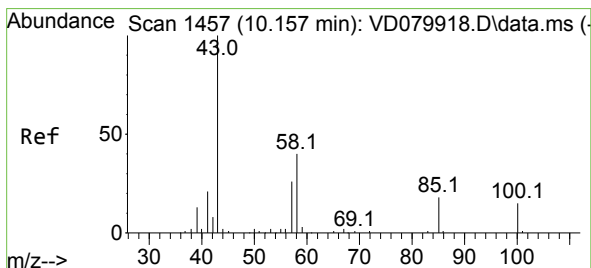
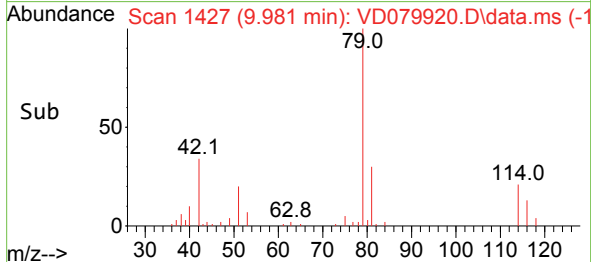
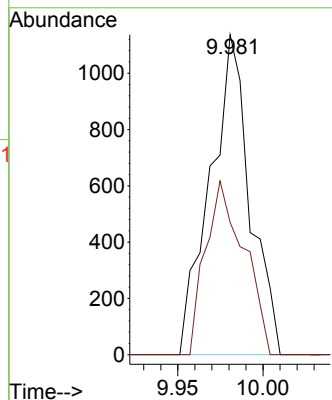
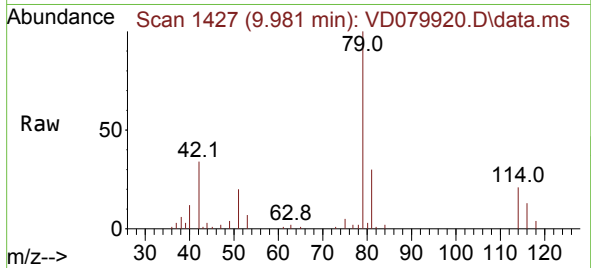




#39
 cis-1,3-Dichloropropene
 Concen: 0.810 ug/L
 RT: 9.981 min Scan# 1433
 Delta R.T. -0.035 min
 Lab File: VD079920.D
 Acq: 27 Sep 2024 14:13

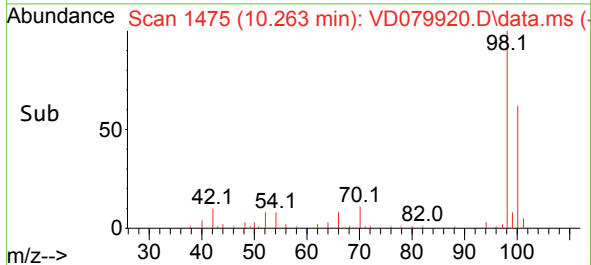
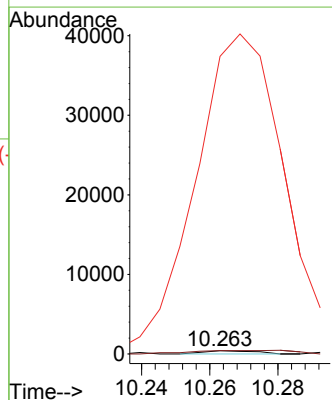
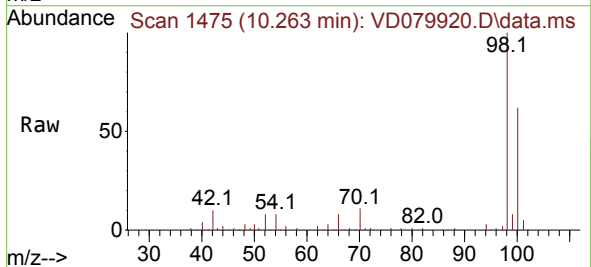
Instrument :
 MSVOA_D
 ClientSampleId :

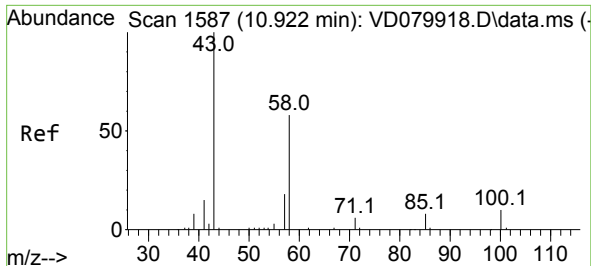
Tgt Ion: 75 Resp: 1847
 Ion Ratio Lower Upper
 75 100
 77 41.3 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 0.497 ug/L
 RT: 10.263 min Scan# 1475
 Delta R.T. 0.106 min
 Lab File: VD079920.D
 Acq: 27 Sep 2024 14:13

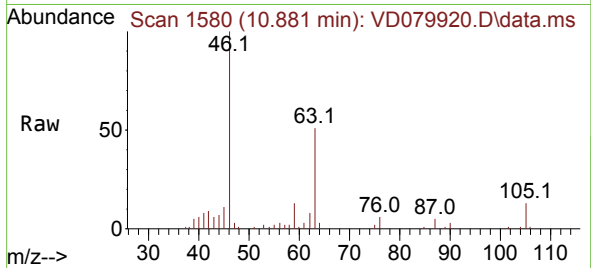
Tgt Ion: 43 Resp: 423
 Ion Ratio Lower Upper
 43 100
 58 163.6 31.1 46.7#
 100 17480.6 11.8 17.6#



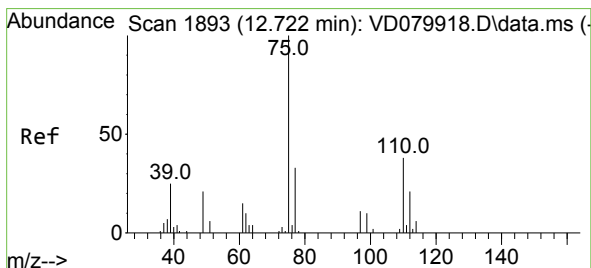
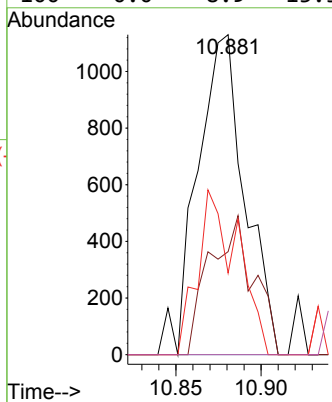
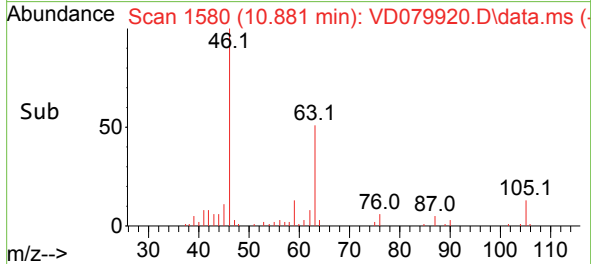


#48
2-Hexanone
Concen: 3.090 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD079920.D
Acq: 27 Sep 2024 14:13

Instrument :
MSVOA_D
ClientSampleId :

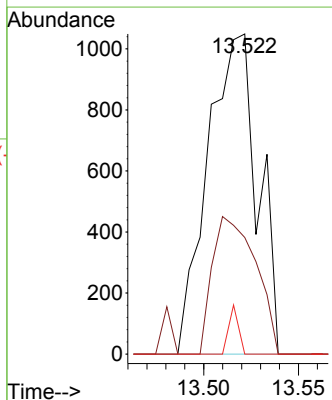
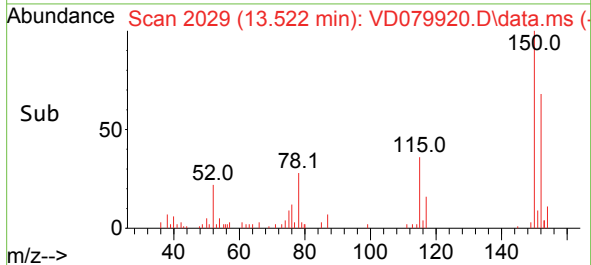
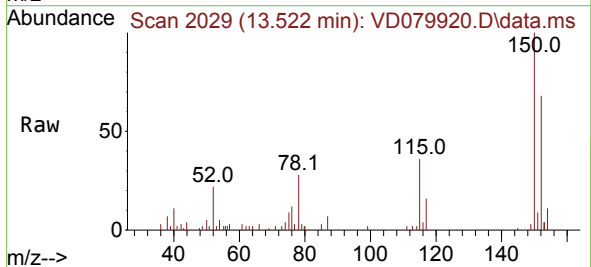


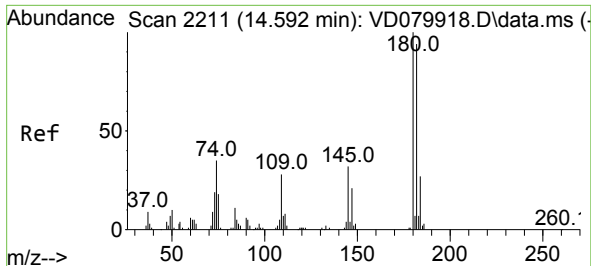
Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
58 17.8 44.7 67.1#
57 0.0 13.6 20.4#
100 0.0 8.9 13.3#



#61
1,2,3-Trichloropropane
Concen: 5.709 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.800 min
Lab File: VD079920.D
Acq: 27 Sep 2024 14:13

Tgt Ion: 75 Resp: 1920
Ion Ratio Lower Upper
75 100
77 37.4 25.1 37.7
110 0.0 30.1 45.1#





#69

1,3,5-Trichlorobenzene

Concen: 0.220 ug/L

RT: 15.092 min Scan# 2211

Delta R.T. 0.500 min

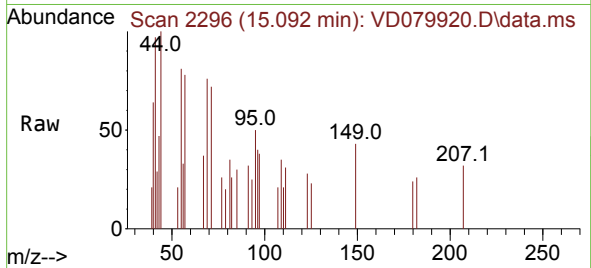
Lab File: VD079920.D

Acq: 27 Sep 2024 14:13

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 130

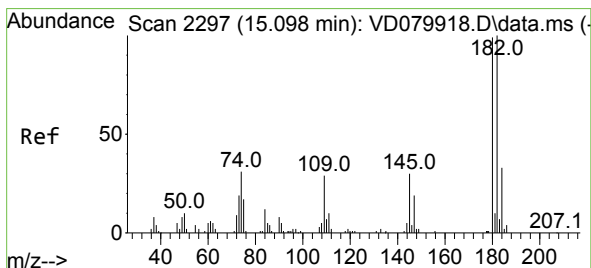
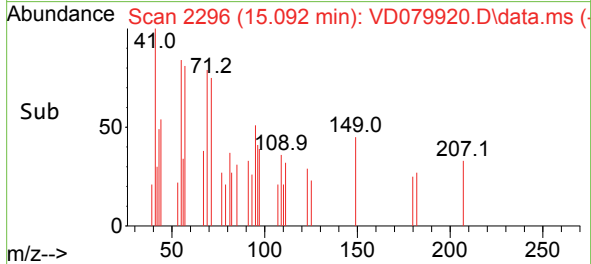
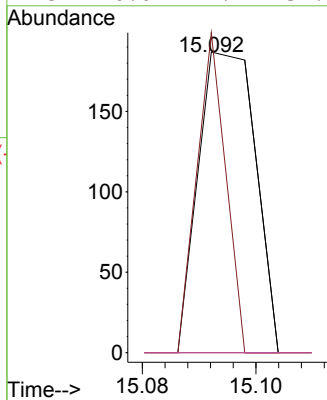
Ion Ratio Lower Upper

180 100

182 0.0 72.6 109.0#

184 0.0 24.2 36.2#

145 0.0 24.7 37.1#



#70

1,2,4-trichlorobenzene

Concen: 0.261 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079920.D

Acq: 27 Sep 2024 14:13

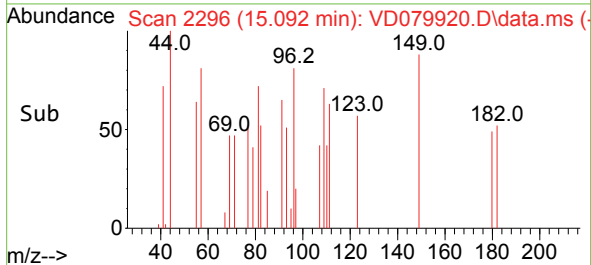
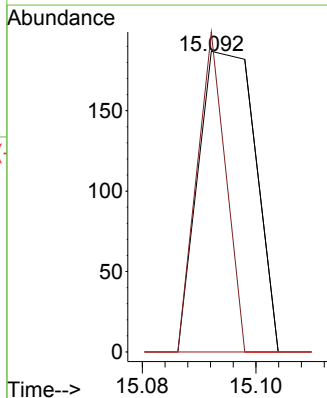
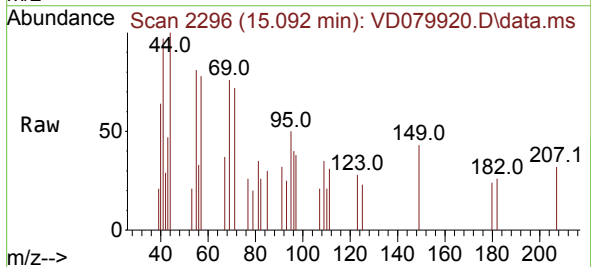
Tgt Ion:180 Resp: 130

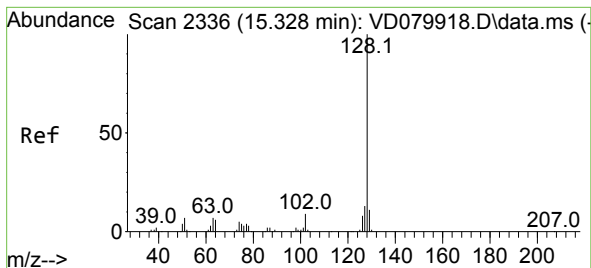
Ion Ratio Lower Upper

180 100

182 0.0 75.9 113.9#

145 0.0 26.6 40.0#





#71

Naphthalene

Concen: 0.402 ug/L

RT: 15.333 min Scan# 21

Delta R.T. 0.006 min

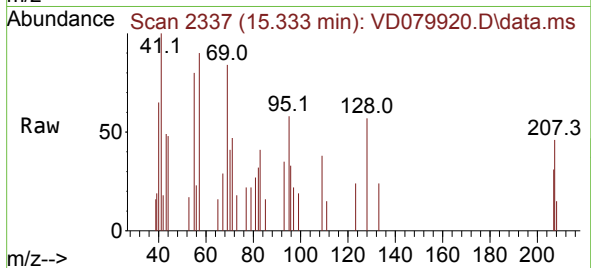
Lab File: VD079920.D

Acq: 27 Sep 2024 14:13

Instrument :

MSVOA_D

ClientSampleId :



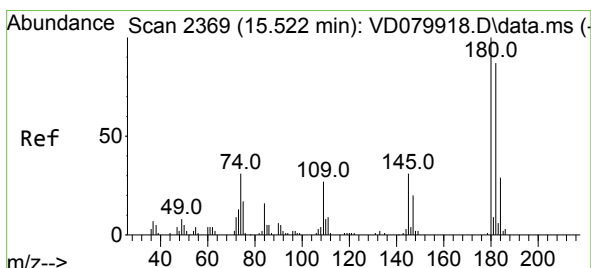
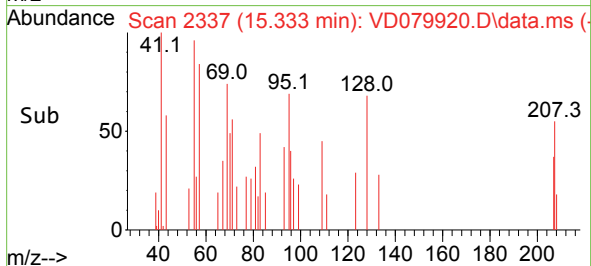
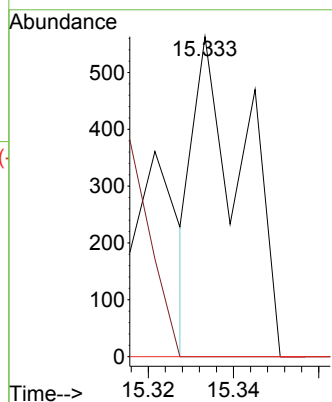
Tgt Ion:128 Resp: 447

Ion Ratio Lower Upper

128 100

127 0.0 11.2 16.8#

129 0.0 8.6 13.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.433 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079920.D

Acq: 27 Sep 2024 14:13

Tgt Ion:180 Resp: 193

Ion Ratio Lower Upper

180 100

182 71.0 74.1 111.1#

145 0.0 26.4 39.6#

