

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079922.D
 Acq On : 27 Sep 2024 15:07
 Operator : RP/MD
 Sample : P4162-18
 Misc : 5.15G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 23:39:36 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)

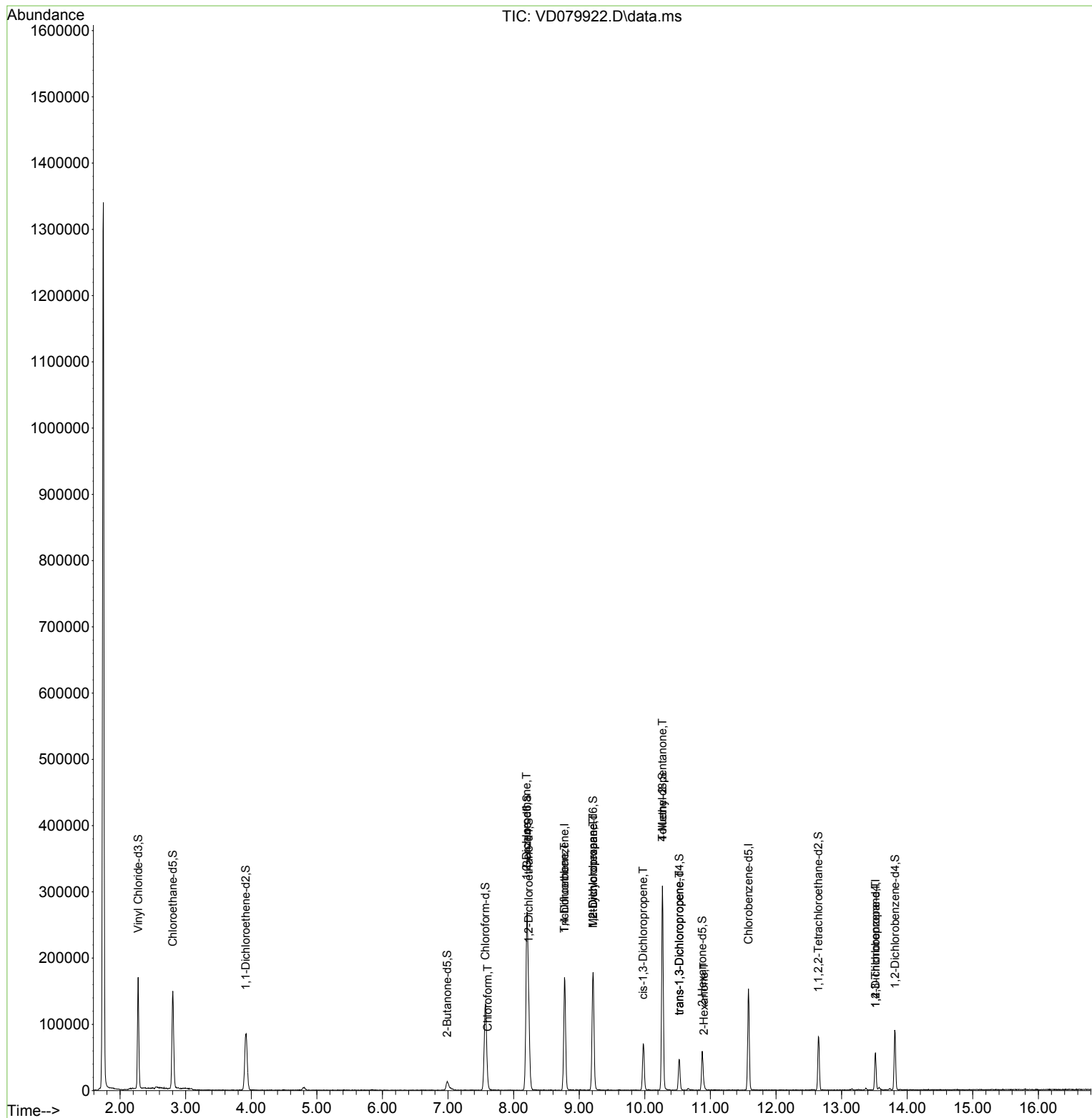
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	141698	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	81337	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	14324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	152302	24.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.880%
7) Chloroethane-d5	2.805	69	152151	31.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.760%
11) 1,1-Dichloroethene-d2	3.917	65	26252	23.467	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.880%
21) 2-Butanone-d5	6.987	46	21573	37.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.360%
24) Chloroform-d	7.569	84	133512	28.664	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.640%
26) 1,2-Dichloroethane-d4	8.228	65	73654	30.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.960%
32) Benzene-d6	8.205	84	271532	47.286	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	189.160%#
36) 1,2-Dichloropropane-d6	9.210	67	90950	51.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	206.840%#
41) Toluene-d8	10.269	98	209168	41.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	165.560%#
43) trans-1,3-Dichloroprop...	10.528	79	28569	37.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	151.120%#
47) 2-Hexanone-d5	10.875	63	19687	68.670	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.340%#
56) 1,1,2,2-Tetrachloroeth...	12.646	84	41998	32.497	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.000%#
66) 1,2-Dichlorobenzene-d4	13.816	152	22461	41.580	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	166.320%#
Target Compounds						Qvalue
25) Chloroform	7.605	83	8670	1.828	ug/L	85
27) 1,2-Dichloroethane	8.199	62	1540	0.531	ug/L #	74
34) Trichloroethene	8.775	95	4582	3.274	ug/L #	8
35) Methylcyclohexane	9.210	83	20671	9.153	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	9018	5.460	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	1963	0.846	ug/L #	41
40) 4-Methyl-2-pentanone	10.269	43	597	0.690	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	1443	0.706	ug/L #	81
48) 2-Hexanone	10.899	43	2240	3.185	ug/L #	46
61) 1,2,3-Trichloropropane	13.516	75	2255	6.405	ug/L #	59

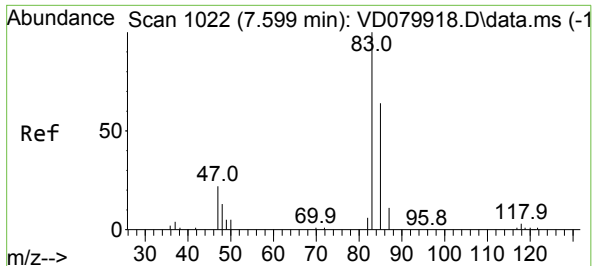
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 27 23:37:15 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 1.828 ug/L

RT: 7.605 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD079922.D

Acq: 27 Sep 2024 15:07

Instrument :

MSVOA_D

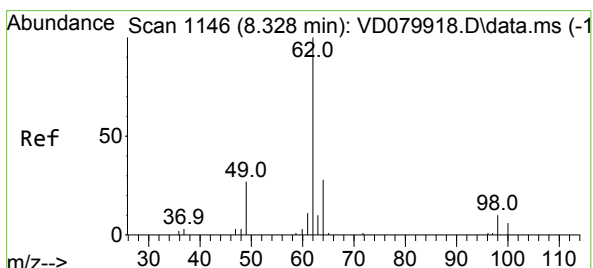
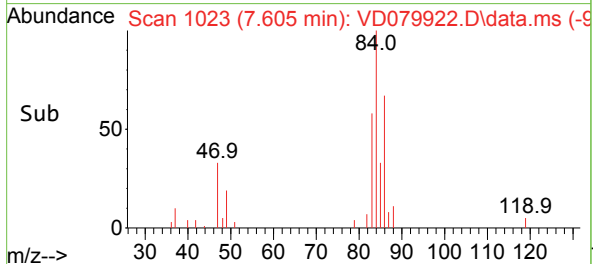
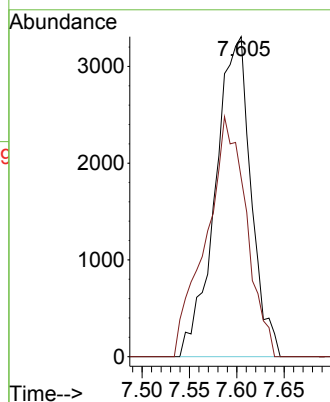
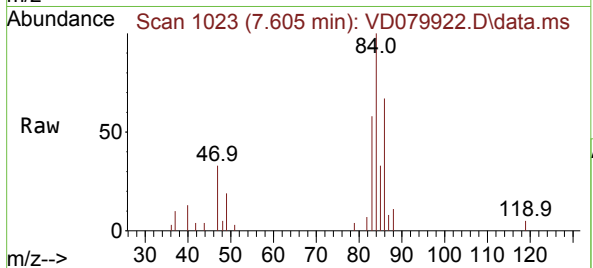
ClientSampleId :

Tgt Ion: 83 Resp: 8670

Ion Ratio Lower Upper

83 100

85 55.9 47.3 87.9



#27

1,2-Dichloroethane

Concen: 0.531 ug/L

RT: 8.199 min Scan# 1124

Delta R.T. -0.129 min

Lab File: VD079922.D

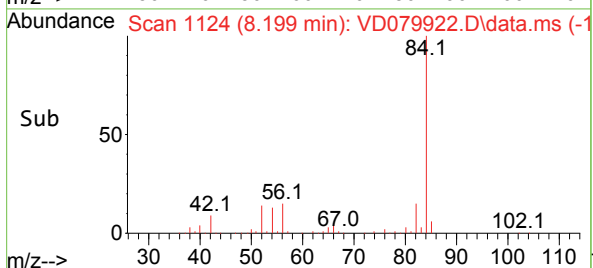
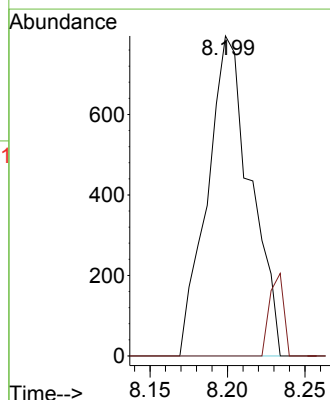
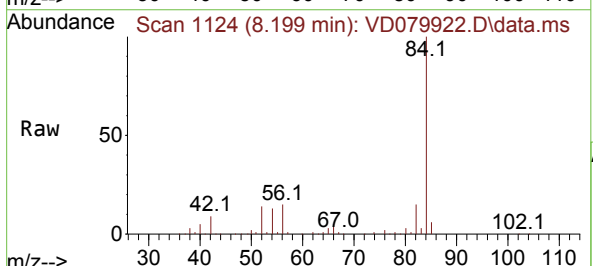
Acq: 27 Sep 2024 15:07

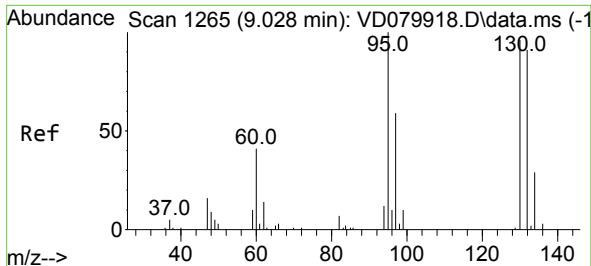
Tgt Ion: 62 Resp: 1540

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#

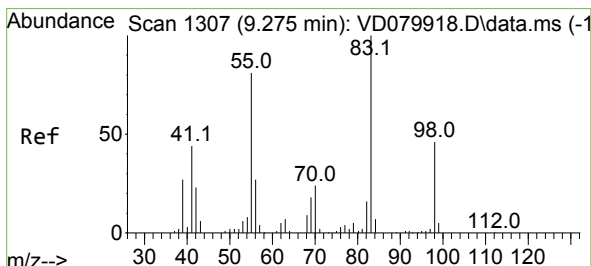
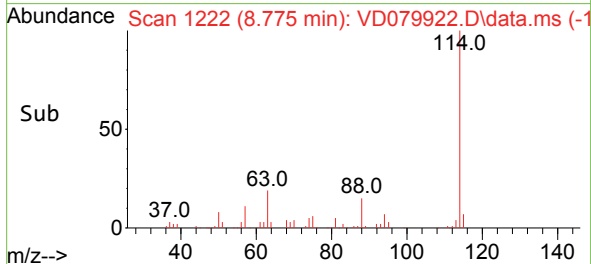
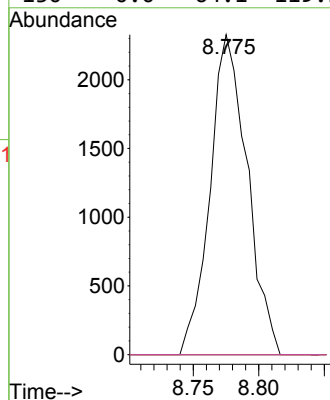
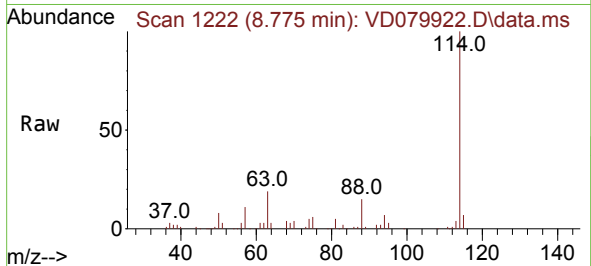




#34
Trichloroethene
Concen: 3.274 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD079922.D
Acq: 27 Sep 2024 15:07

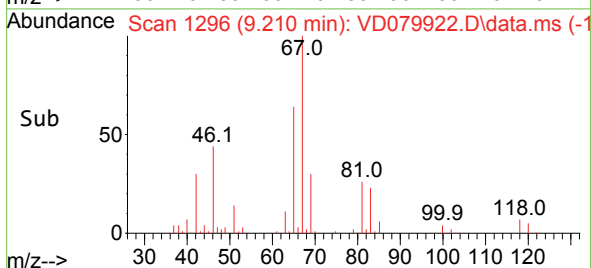
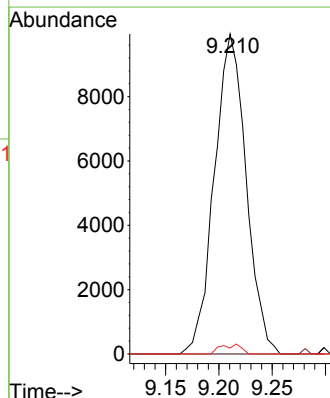
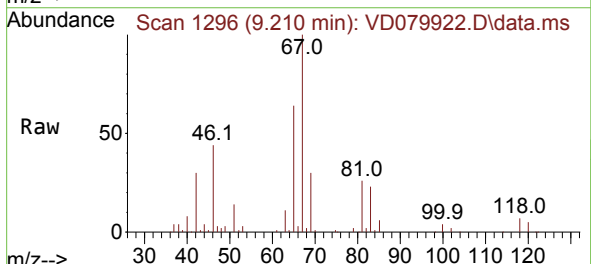
Instrument :
MSVOA_D
ClientSampleId :

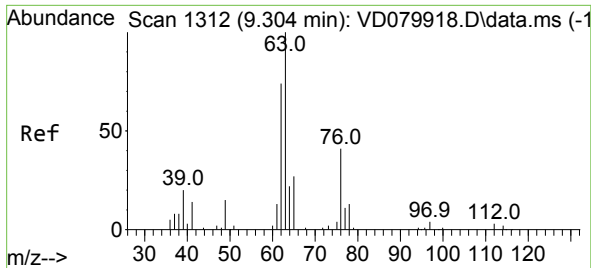
Tgt Ion: 95 Resp: 4582
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.7#
132 0.0 64.5 119.7#
130 0.0 64.1 119.1#



#35
Methylcyclohexane
Concen: 9.153 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD079922.D
Acq: 27 Sep 2024 15:07

Tgt Ion: 83 Resp: 20671
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.8 38.6 58.0#

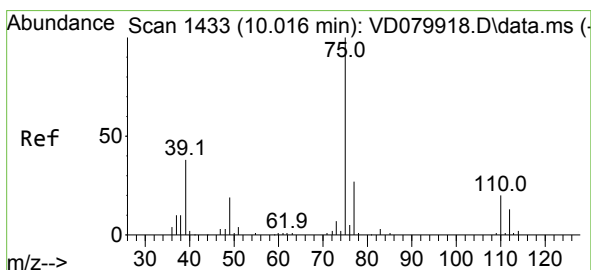
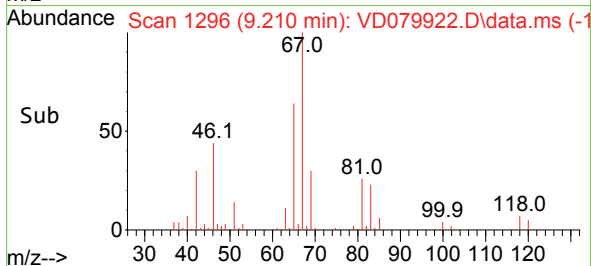
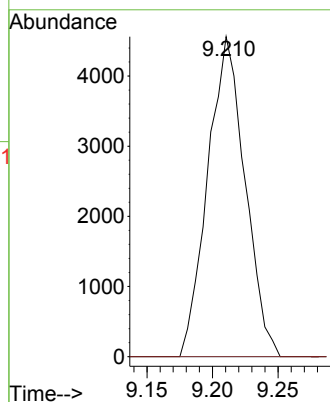
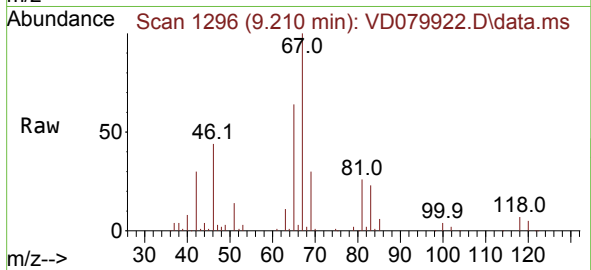




#37
1,2-Dichloropropane
Concen: 5.460 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079922.D
Acq: 27 Sep 2024 15:07

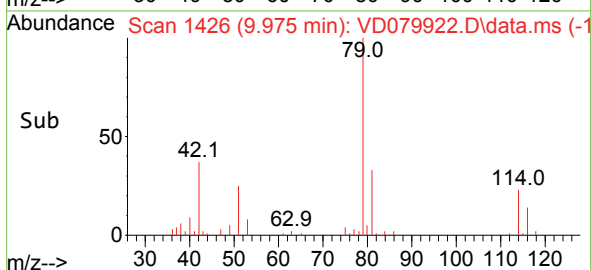
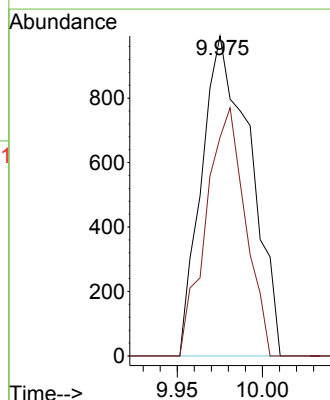
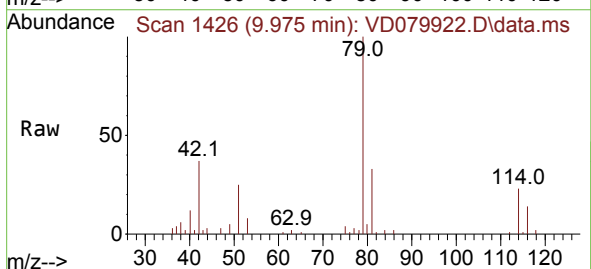
Instrument :
MSVOA_D
ClientSampleId :

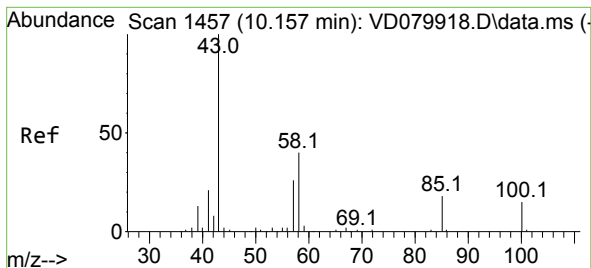
Tgt Ion: 63 Resp: 9018
Ion Ratio Lower Upper
63 100
112 0.0 0.0 0.0



#39
cis-1,3-Dichloropropene
Concen: 0.846 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD079922.D
Acq: 27 Sep 2024 15:07

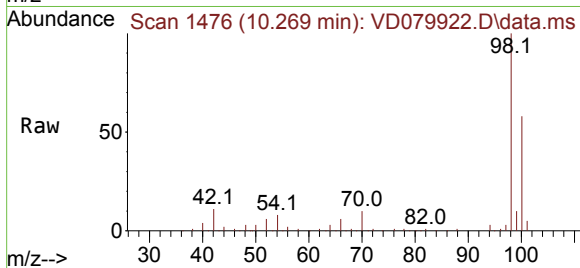
Tgt Ion: 75 Resp: 1963
Ion Ratio Lower Upper
75 100
77 68.3 24.1 44.8#



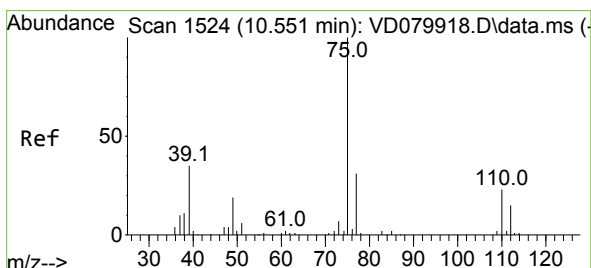
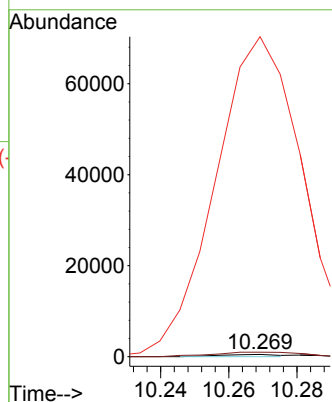
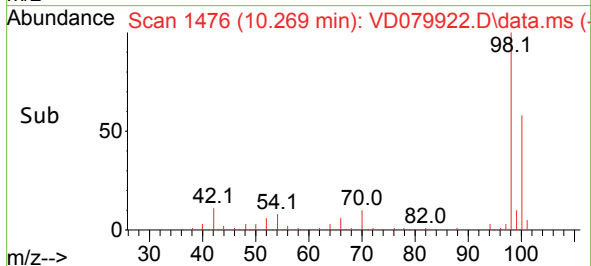


#40
4-Methyl-2-pentanone
Concen: 0.690 ug/L
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD079922.D
Acq: 27 Sep 2024 15:07

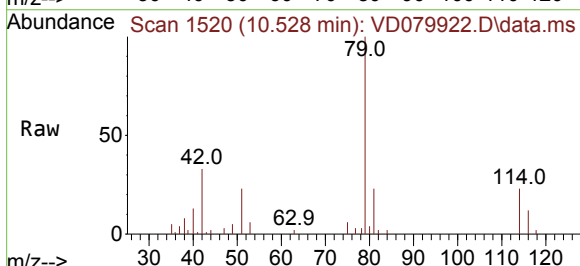
Instrument :
MSVOA_D
ClientSampleId :



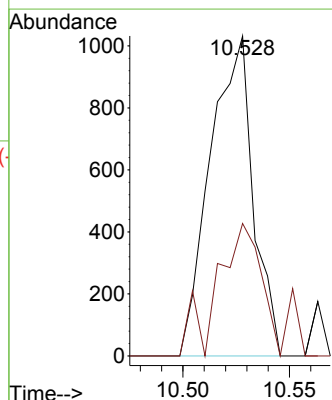
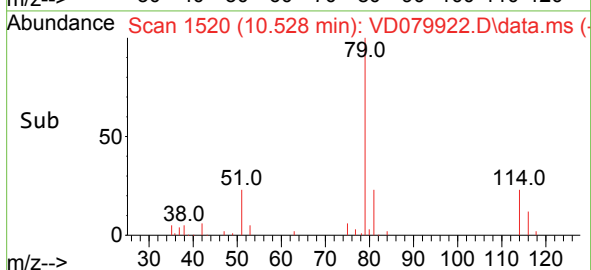
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
58 303.0 31.1 46.7#
100 21341.4 11.8 17.6#

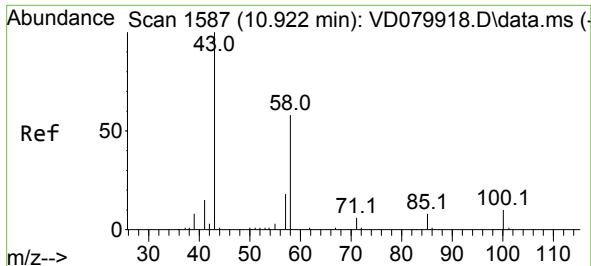


#44
trans-1,3-Dichloropropene
Concen: 0.706 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD079922.D
Acq: 27 Sep 2024 15:07



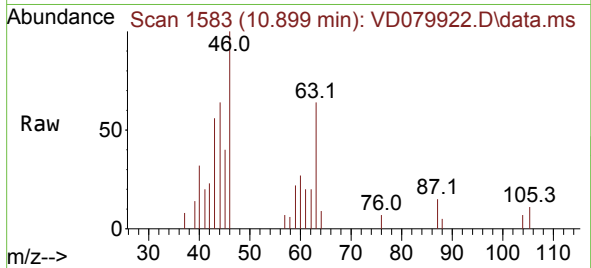
Tgt Ion: 75 Resp: 1443
Ion Ratio Lower Upper
75 100
77 41.4 21.8 40.4#



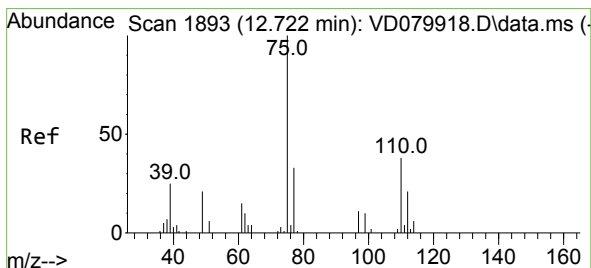
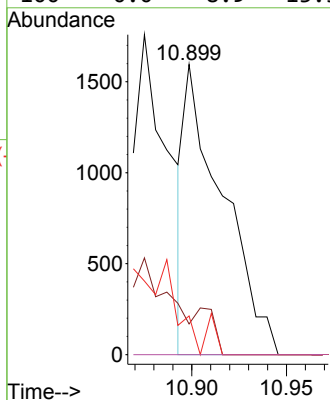
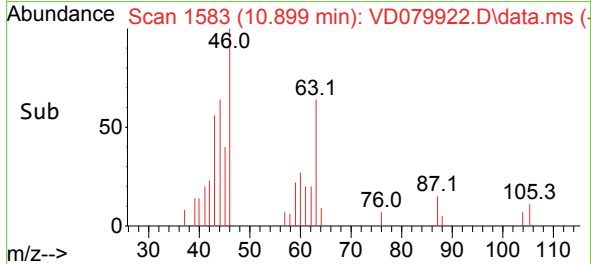


#48
2-Hexanone
Concen: 3.185 ug/L
RT: 10.899 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD079922.D
Acq: 27 Sep 2024 15:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	43	Resp:	2240
Ion	Ratio	Lower	Upper
43	100		
58	7.9	44.7	67.1#
57	3.6	13.6	20.4#
100	0.0	8.9	13.3#



#61
1,2,3-Trichloropropane
Concen: 6.405 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079922.D
Acq: 27 Sep 2024 15:07

Tgt Ion:	75	Resp:	2255
Ion	Ratio	Lower	Upper
75	100		
77	39.7	25.1	37.7#
110	0.0	30.1	45.1#

