

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061924\
 Data File : VD079206.D
 Acq On : 19 Jun 2024 11:43
 Operator : RP/MD
 Sample : VD0619SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 20 09:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 09:05:16 2024
 Response via : Initial Calibration

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

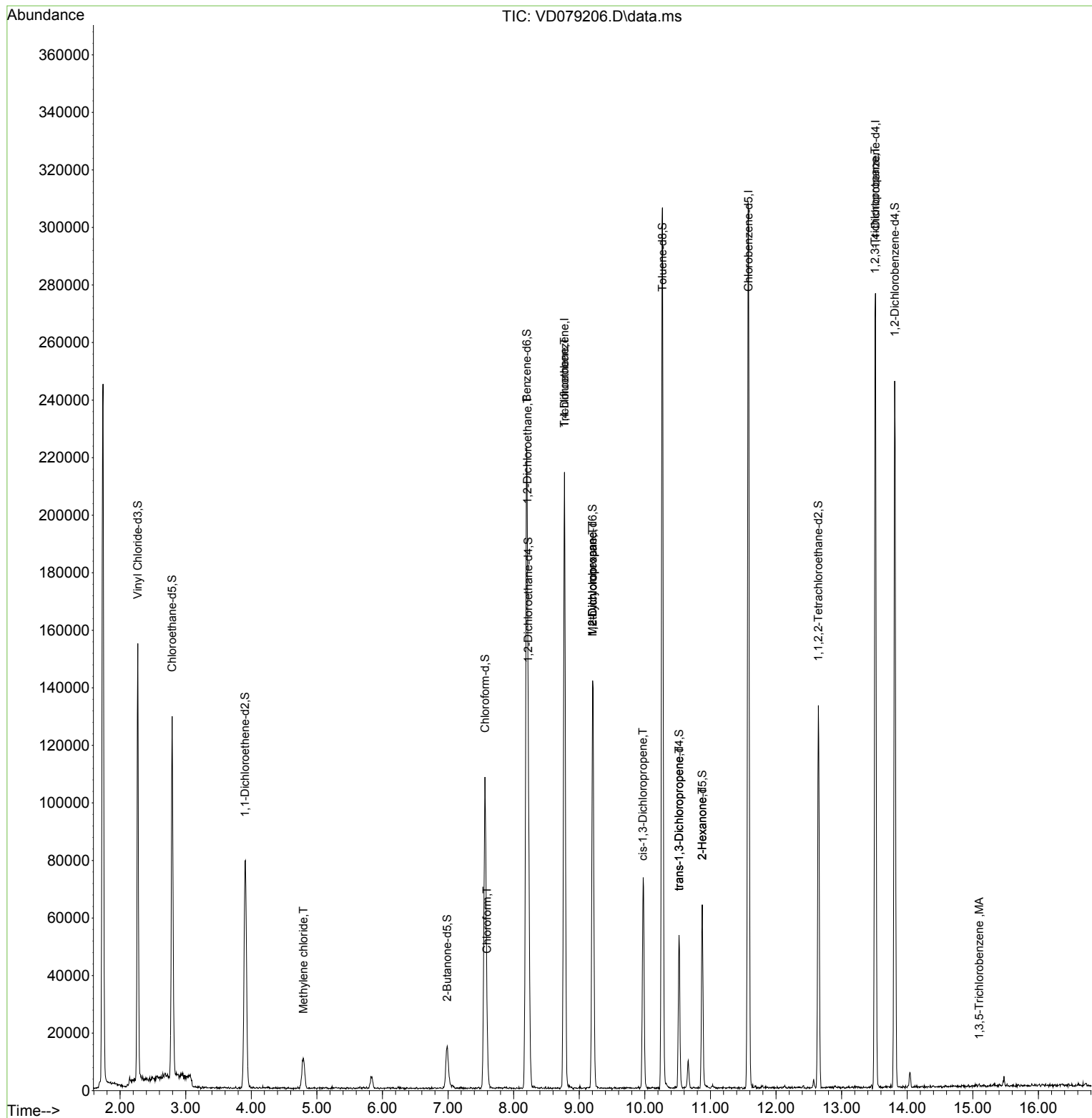
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	201802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	198906	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83670	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	137051	22.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.280%
7) Chloroethane-d5	2.793	69	131195	21.849	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	3.905	65	22021	19.975	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.880%
21) 2-Butanone-d5	6.987	46	25121	52.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.780%
24) Chloroform-d	7.563	84	112149	19.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.520%
26) 1,2-Dichloroethane-d4	8.222	65	62246	23.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.640%
32) Benzene-d6	8.198	84	250137	22.685	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.720%
36) 1,2-Dichloropropane-d6	9.204	67	72486	22.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	10.269	98	225858	21.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	10.522	79	30763	23.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.160%
47) 2-Hexanone-d5	10.875	63	21625	52.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.320%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	67948	24.152	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	13.810	152	73316	25.390	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.560%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	7014	1.951	ug/L	94
25) Chloroform	7.593	83	12713	2.303	ug/L	97
27) 1,2-Dichloroethane	8.210	62	1282	0.400	ug/L #	72
34) Trichloroethene	8.775	95	5218	1.710	ug/L #	1
35) Methylcyclohexane	9.204	83	17430	3.447	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	8111	2.795	ug/L #	85
39) cis-1,3-Dichloropropene	9.969	75	1978	0.437	ug/L #	81
44) trans-1,3-Dichloropropene	10.522	75	1571	0.410	ug/L	94
48) 2-Hexanone	10.875	43	2171	2.071	ug/L #	54
61) 1,2,3-Trichloropropane	13.510	75	9044	6.122	ug/L #	61
69) 1,3,5-Trichlorobenzene	15.098	180	424	0.126	ug/L #	64

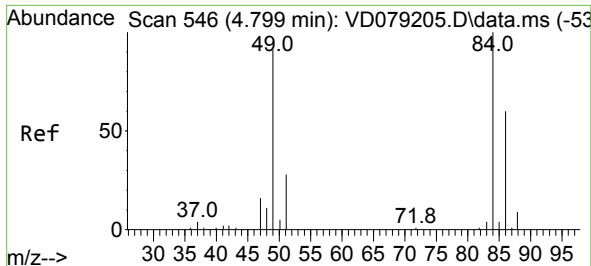
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

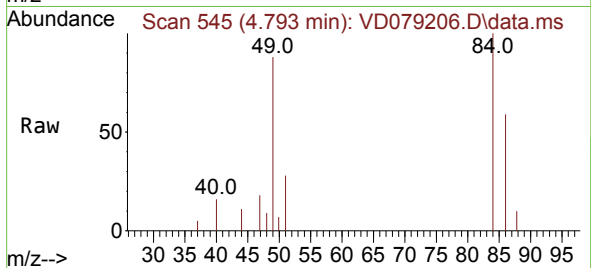
Quant Time: Jun 20 09:06:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 20 09:05:16 2024
Response via : Initial Calibration



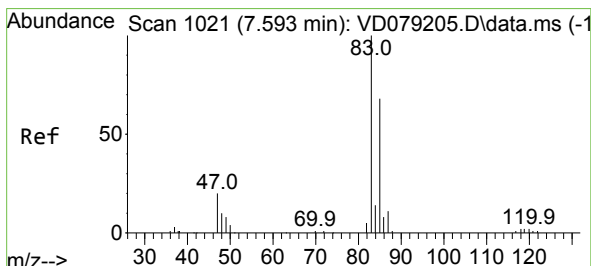
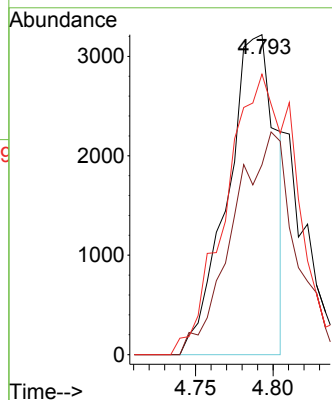
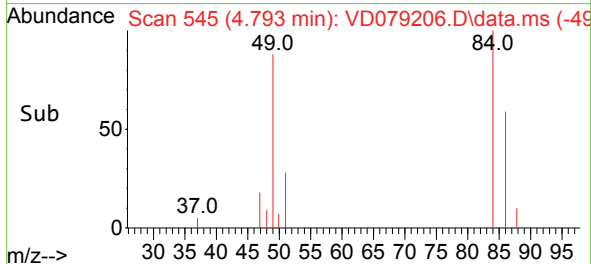


#16
Methylene chloride
Concen: 1.951 ug/L
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079206.D
Acq: 19 Jun 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

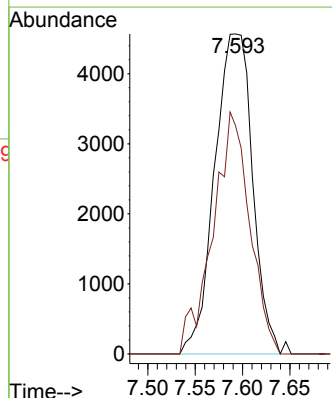
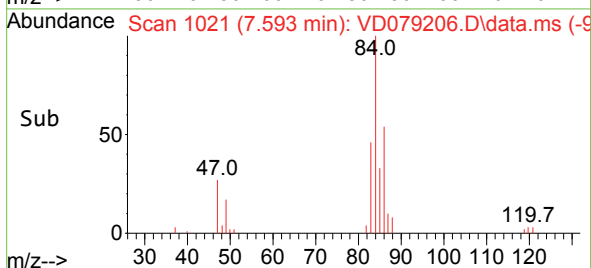
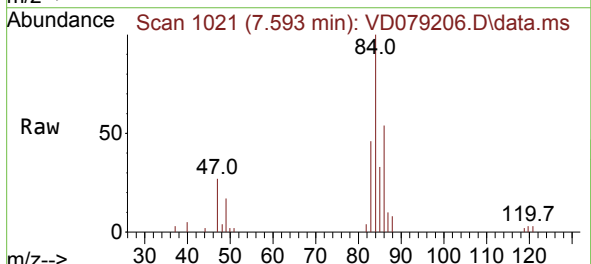


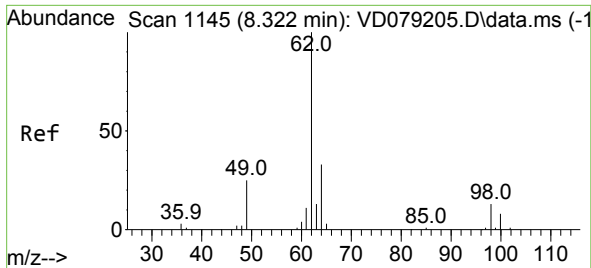
Tgt Ion: 84 Resp: 7014
Ion Ratio Lower Upper
84 100
86 59.4 40.9 76.0
49 87.6 67.5 125.3



#25
Chloroform
Concen: 2.303 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079206.D
Acq: 19 Jun 2024 11:43

Tgt Ion: 83 Resp: 12713
Ion Ratio Lower Upper
83 100
85 71.3 47.9 89.1





#27

1,2-Dichloroethane

Concen: 0.400 ug/L

RT: 8.210 min Scan# 1126

Delta R.T. -0.112 min

Lab File: VD079206.D

Acq: 19 Jun 2024 11:43

Instrument :

MSVOA_D

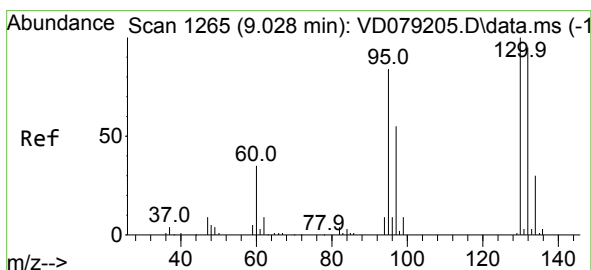
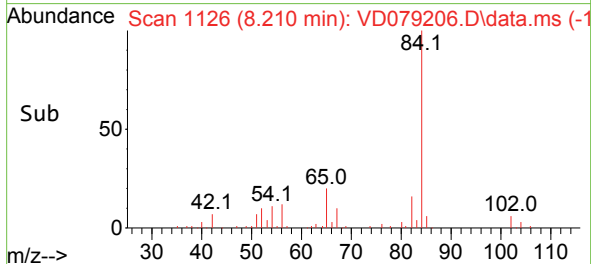
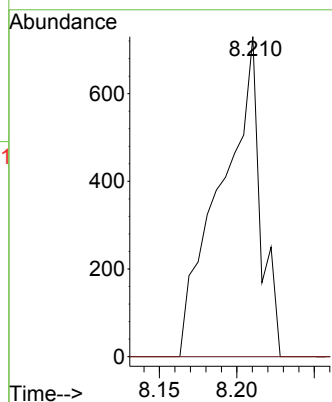
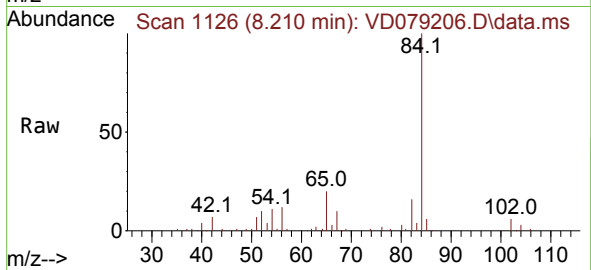
ClientSampleId :

Tgt Ion: 62 Resp: 1282

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 1.710 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079206.D

Acq: 19 Jun 2024 11:43

Tgt Ion: 95 Resp: 5218

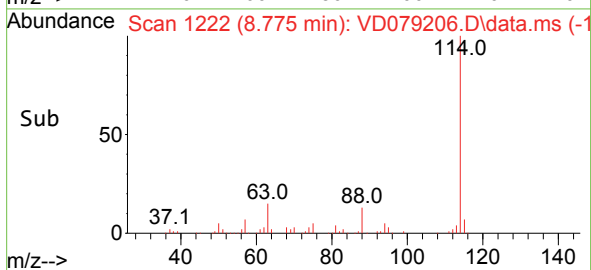
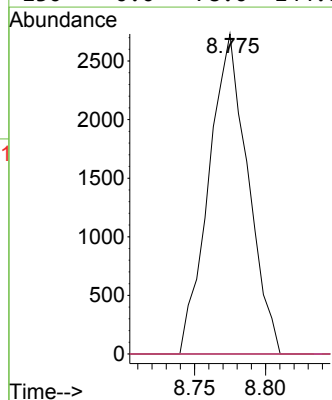
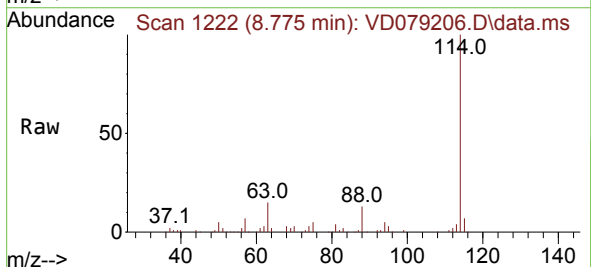
Ion Ratio Lower Upper

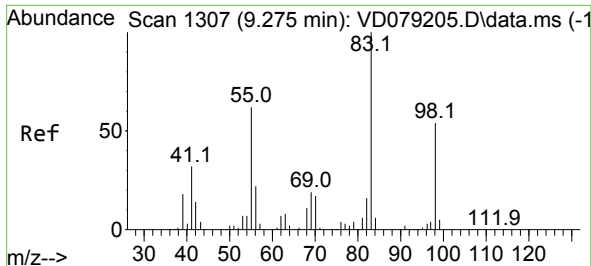
95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#

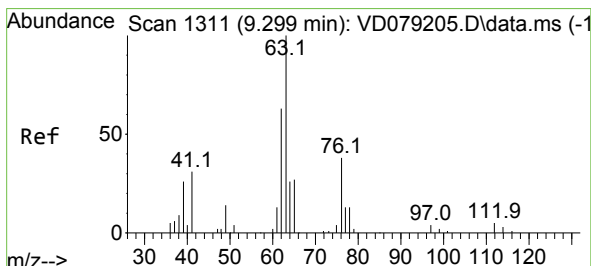
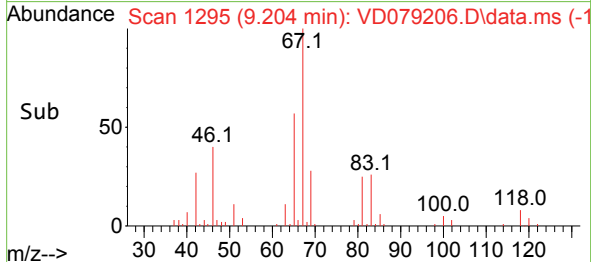
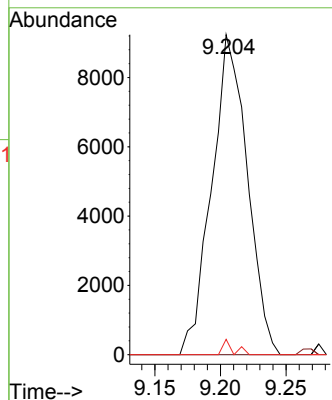
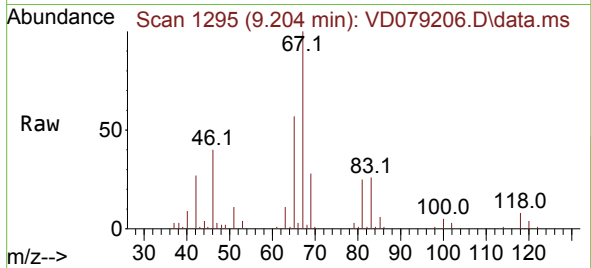




#35
Methylcyclohexane
Concen: 3.447 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD079206.D
Acq: 19 Jun 2024 11:43

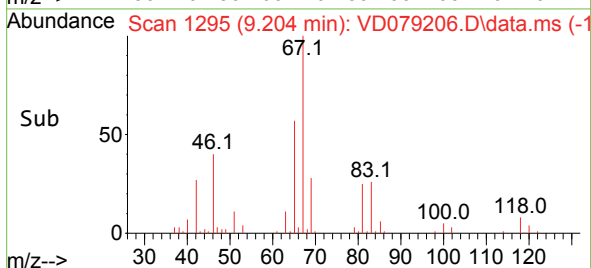
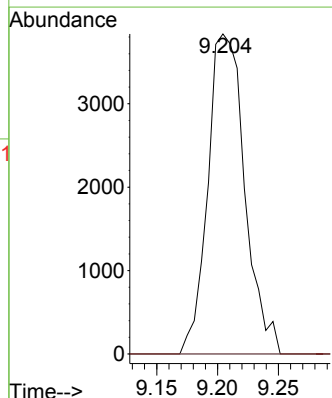
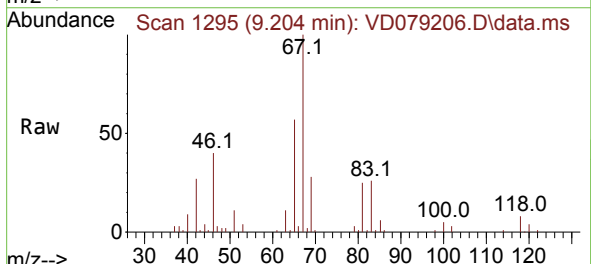
Instrument :
MSVOA_D
ClientSampleId :

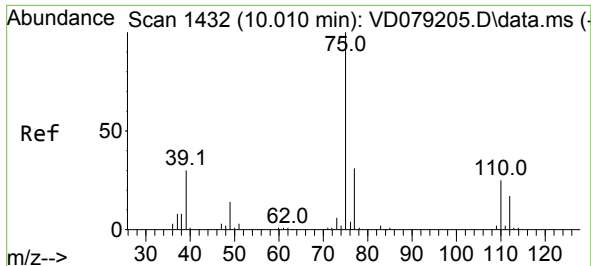
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.6	72.8#
98	0.9	40.2	60.2#



#37
1,2-Dichloropropane
Concen: 2.795 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.094 min
Lab File: VD079206.D
Acq: 19 Jun 2024 11:43

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 9.969 min Scan# 1432

Delta R.T. -0.041 min

Lab File: VD079206.D

Acq: 19 Jun 2024 11:43

Instrument :

MSVOA_D

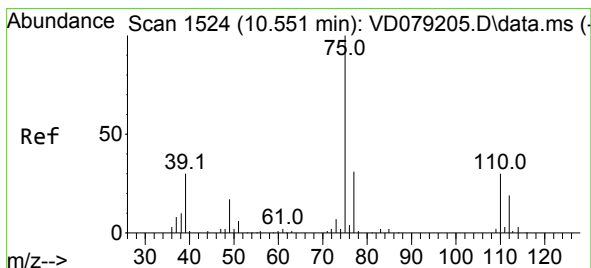
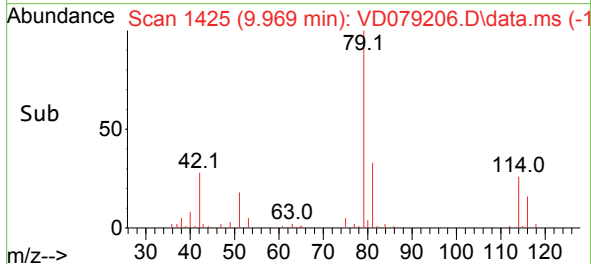
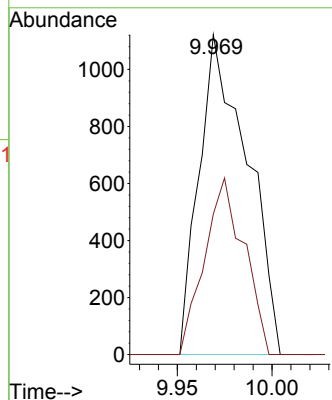
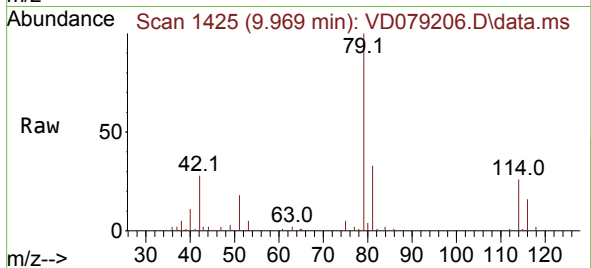
ClientSampleId :

Tgt Ion: 75 Resp: 1978

Ion Ratio Lower Upper

75 100

77 43.9 23.4 43.4#



#44

trans-1,3-Dichloropropene

Concen: 0.410 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.030 min

Lab File: VD079206.D

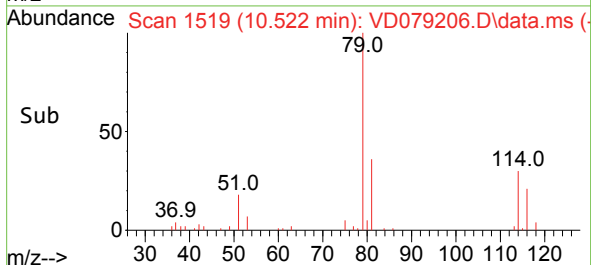
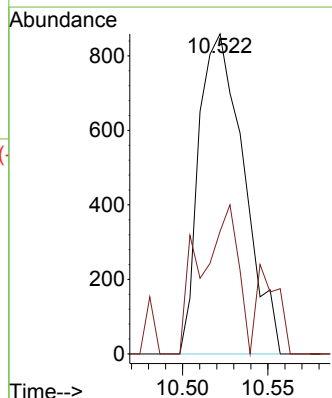
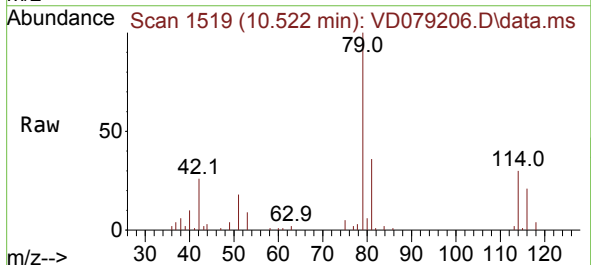
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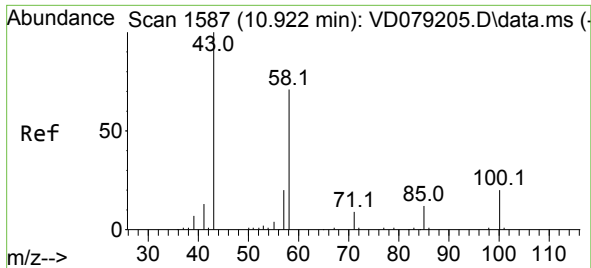
Tgt Ion: 75 Resp: 1571

Ion Ratio Lower Upper

75 100

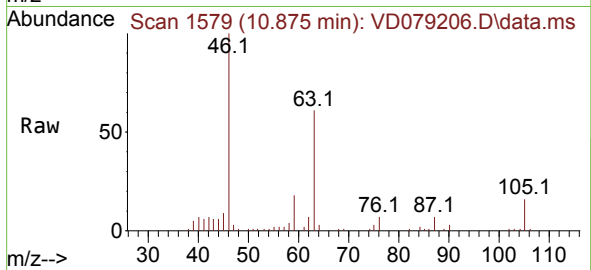
77 38.3 24.3 45.1



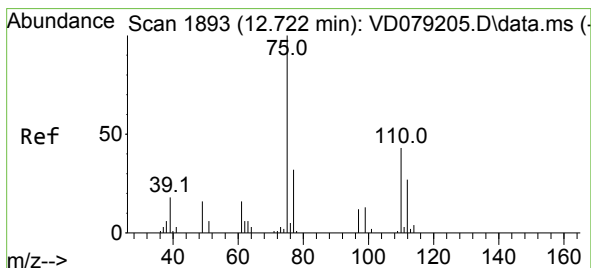
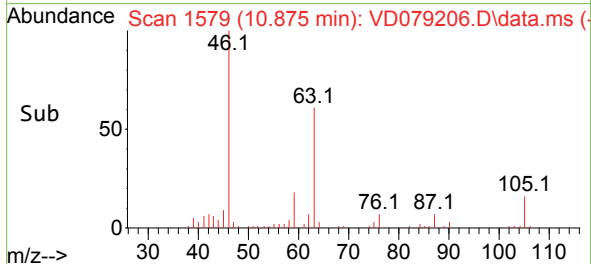
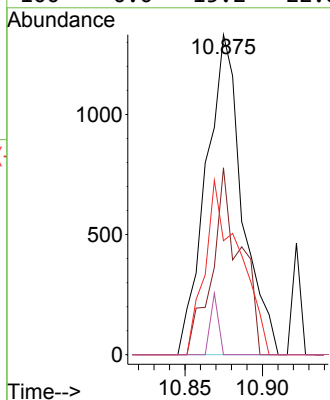


#48
2-Hexanone
Concen: 2.071 ug/L
RT: 10.875 min Scan# 1
Delta R.T. -0.047 min
Lab File: VD079206.D
Acq: 19 Jun 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

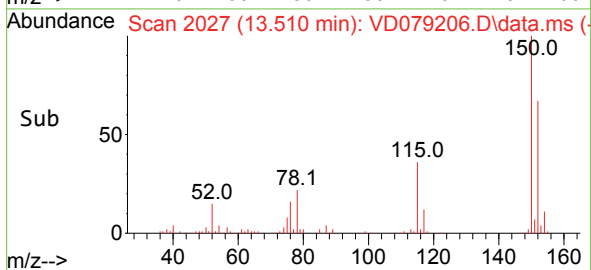
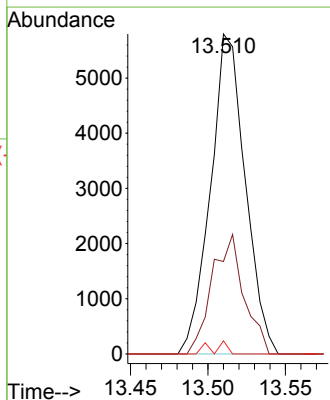
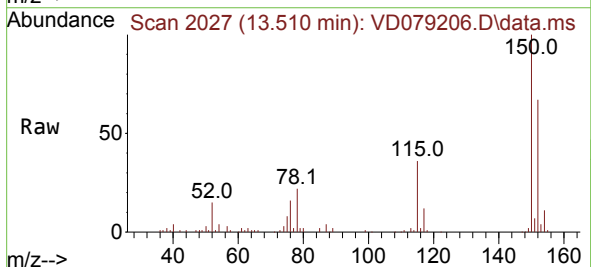


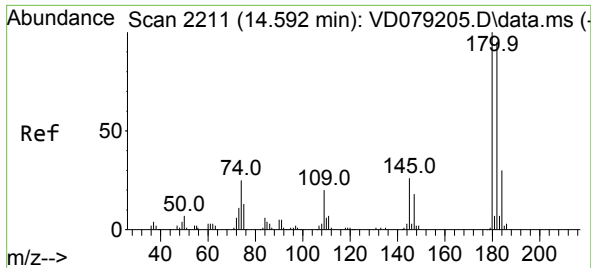
Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 31.3 50.1 75.1#
57 51.3 16.5 24.7#
100 0.0 15.2 22.8#



#61
1,2,3-Trichloropropane
Concen: 6.122 ug/L
RT: 13.510 min Scan# 2027
Delta R.T. 0.788 min
Lab File: VD079206.D
Acq: 19 Jun 2024 11:43

Tgt Ion: 75 Resp: 9044
Ion Ratio Lower Upper
75 100
77 34.4 25.9 38.9
110 0.9 34.2 51.4#





#69

1,3,5-Trichlorobenzene

Concen: 0.126 ug/L

RT: 15.098 min Scan# 21

Delta R.T. 0.506 min

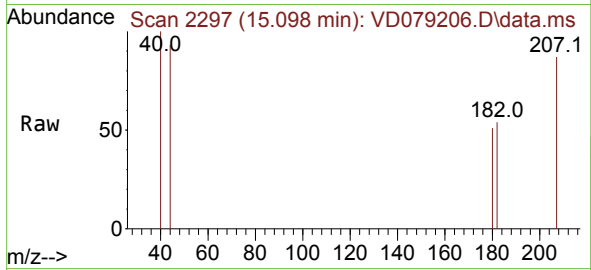
Lab File: VD079206.D

Acq: 19 Jun 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 424

Ion Ratio Lower Upper

180 100

182 71.7 76.9 115.3#

184 0.0 23.3 34.9#

145 0.0 22.7 34.1#

