

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061824\
 Data File : VD079197.D
 Acq On : 18 Jun 2024 11:57
 Operator : RP/MD
 Sample : P2897-07
 Misc : 4.59G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 19 07:17:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 07:16:52 2024
 Response via : Initial Calibration

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

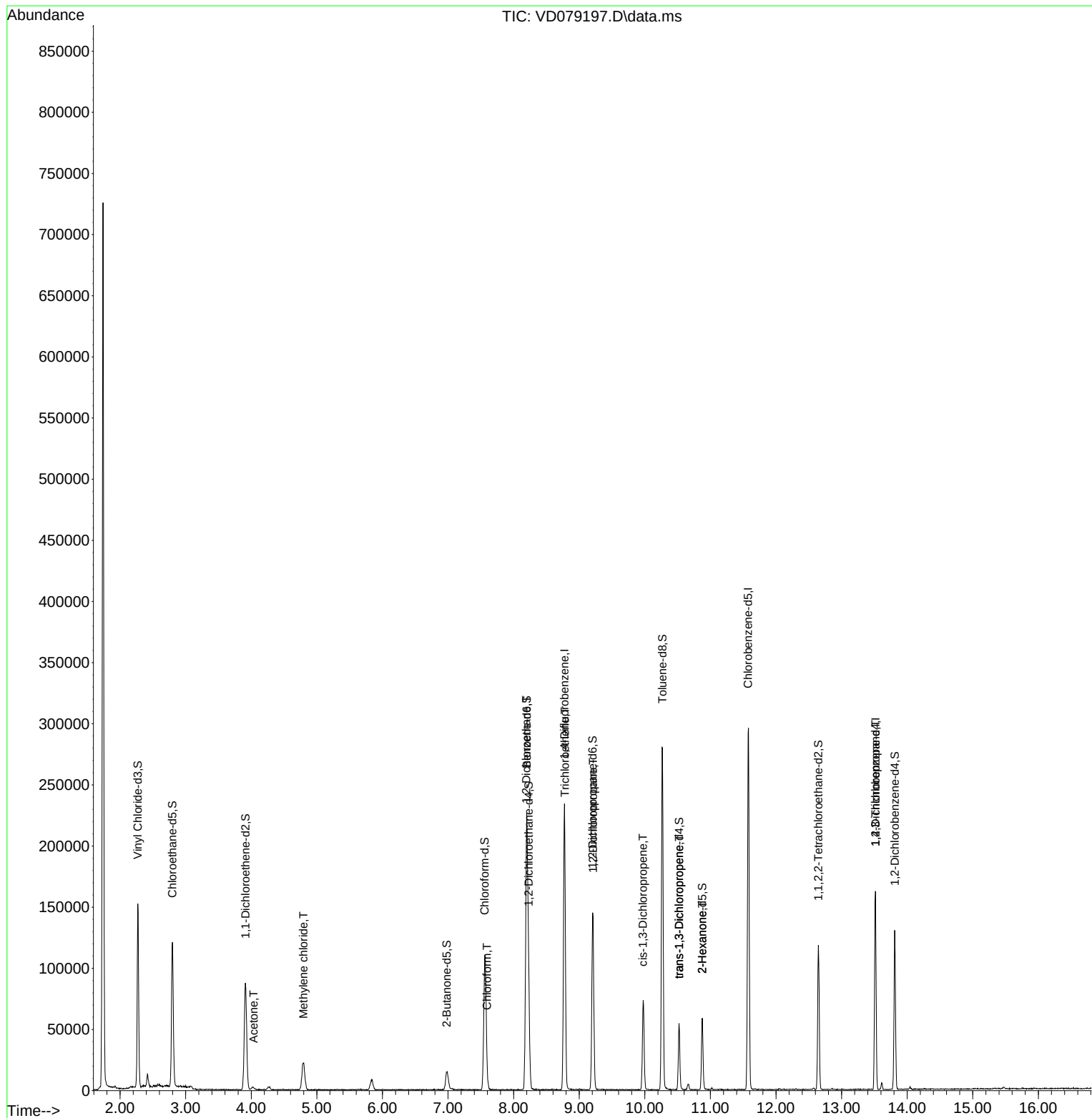
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	222680	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.575	117	189594	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	49009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	143810	20.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
7) Chloroethane-d5	2.799	69	130845	19.747	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	3.911	65	23150	19.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.120%
21) 2-Butanone-d5	6.981	46	26170	49.930	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.860%
24) Chloroform-d	7.558	84	122913	19.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.960%
26) 1,2-Dichloroethane-d4	8.228	65	64709	22.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	8.199	84	249514	23.740	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	9.205	67	74680	24.667	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.680%
41) Toluene-d8	10.269	98	209117	21.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	10.522	79	31264	24.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.280%
47) 2-Hexanone-d5	10.875	63	20345	51.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.960%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	62044	23.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.560%
66) 1,2-Dichlorobenzene-d4	13.810	152	37282	22.042	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.160%
Target Compounds						Qvalue
13) Acetone	4.034	43	1658	2.185	ug/L	73
16) Methylene chloride	4.793	84	21056	5.307	ug/L	91
25) Chloroform	7.593	83	5585	0.917	ug/L	89
27) 1,2-Dichloroethane	8.193	62	769	0.217	ug/L #	72
34) Trichloroethene	8.781	95	6047	2.079	ug/L #	1
37) 1,2-Dichloropropane	9.210	63	7785	2.815	ug/L #	85
39) cis-1,3-Dichloropropene	9.969	75	2242	0.519	ug/L	83
44) trans-1,3-Dichloropropene	10.522	75	1351	0.370	ug/L #	76
48) 2-Hexanone	10.875	43	1917	1.919	ug/L #	61
61) 1,2,3-Trichloropropane	13.516	75	5239	6.055	ug/L #	62

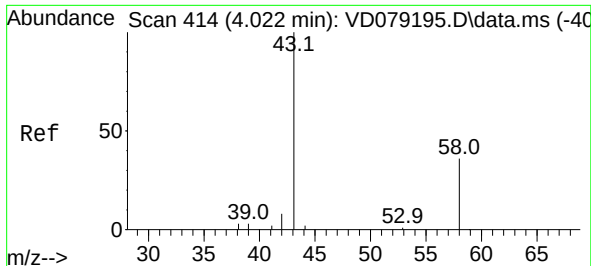
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 19 07:17:43 2024
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Quant Title : SFAM01.0
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Response via : Initial Calibration

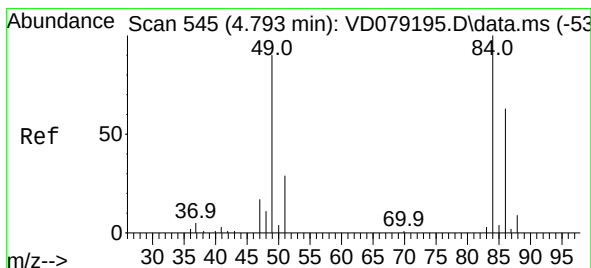
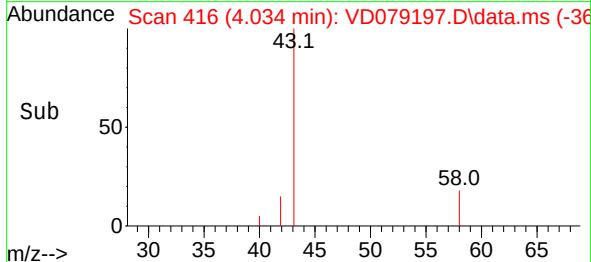
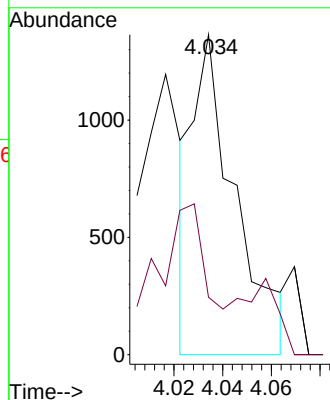
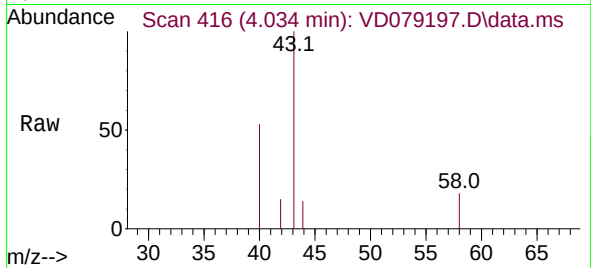




#13
Acetone
Concen: 2.185 ug/L
RT: 4.034 min Scan# 414
Delta R.T. 0.012 min
Lab File: VD079197.D
Acq: 18 Jun 2024 11:57

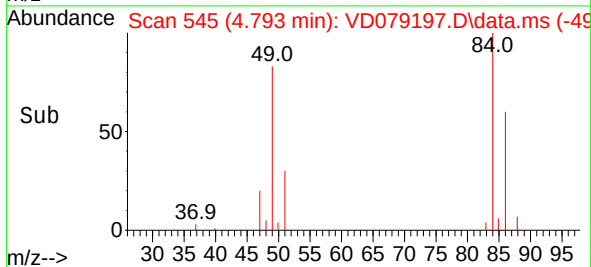
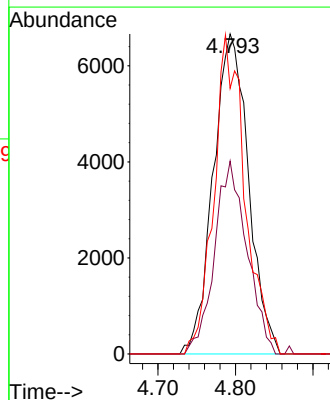
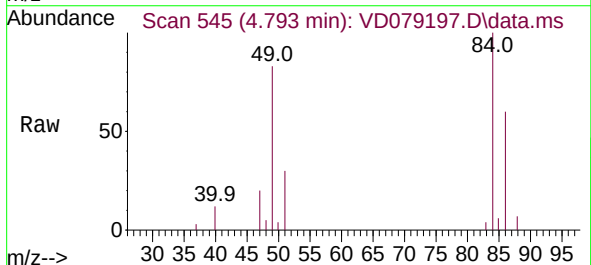
Instrument :
MSVOA_D
ClientSampleId :

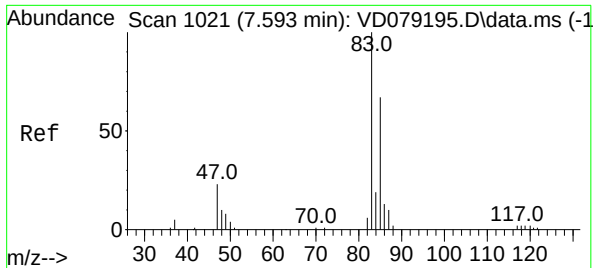
Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 55.5 0.0 78.2



#16
Methylene chloride
Concen: 5.307 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD079197.D
Acq: 18 Jun 2024 11:57

Tgt Ion: 84 Resp: 21056
Ion Ratio Lower Upper
84 100
86 60.2 40.9 76.0
49 83.0 67.5 125.3

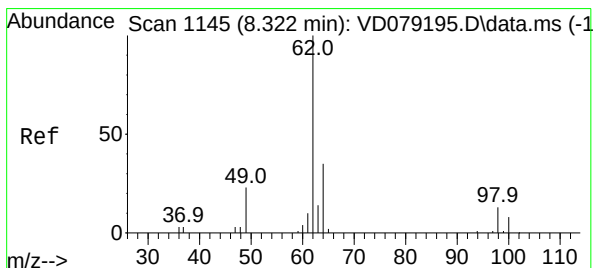
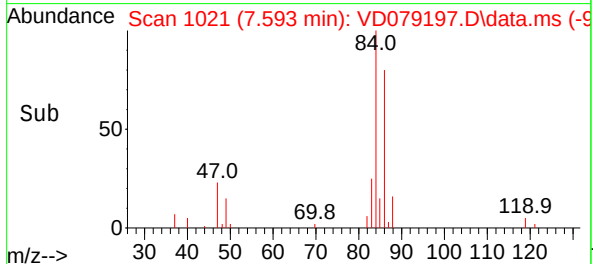
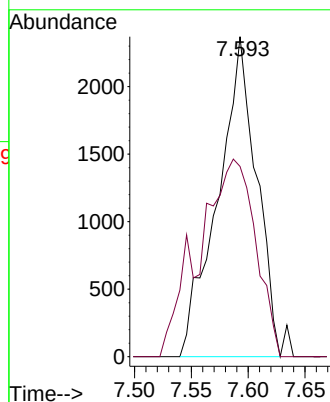
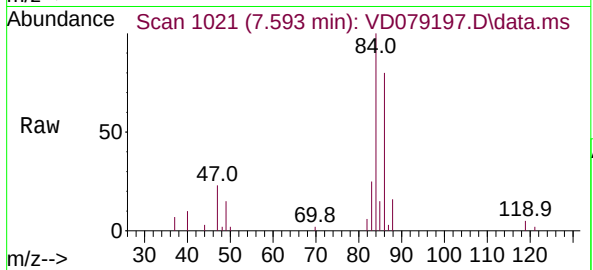




#25
Chloroform
Concen: 0.917 ug/L
RT: 7.593 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD079197.D
Acq: 18 Jun 2024 11:57

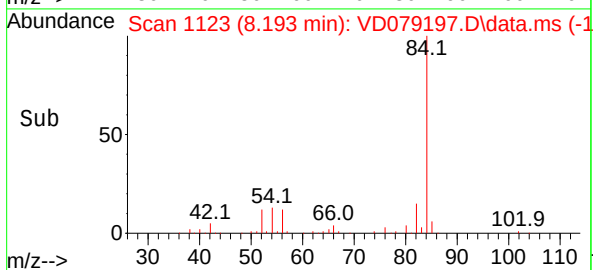
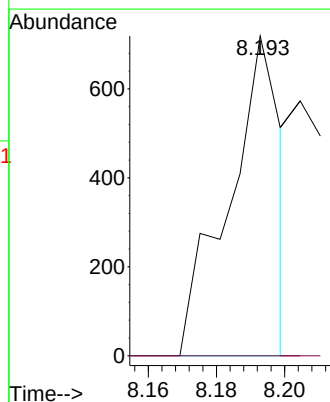
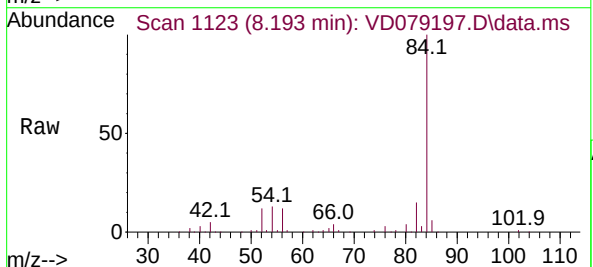
Instrument :
MSVOA_D
ClientSampleId :

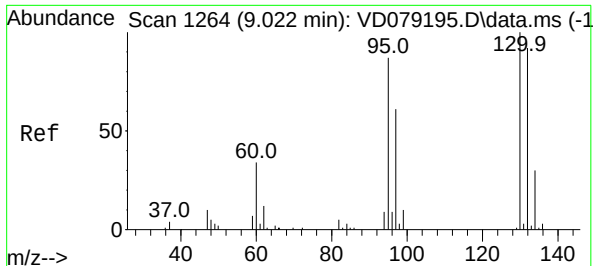
Tgt Ion: 83 Resp: 5585
Ion Ratio Lower Upper
83 100
85 59.5 47.9 89.1



#27
1,2-Dichloroethane
Concen: 0.217 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.129 min
Lab File: VD079197.D
Acq: 18 Jun 2024 11:57

Tgt Ion: 62 Resp: 769
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#34

Trichloroethene

Concen: 2.079 ug/L

RT: 8.781 min Scan# 1296

Delta R.T. -0.241 min

Lab File: VD079197.D

Acq: 18 Jun 2024 11:57

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 6047

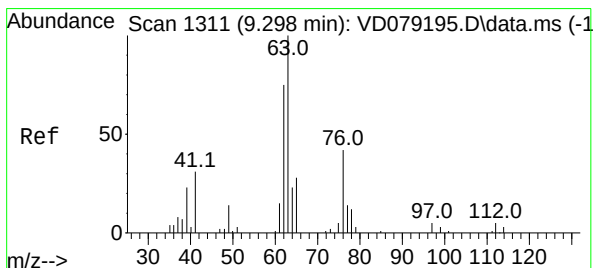
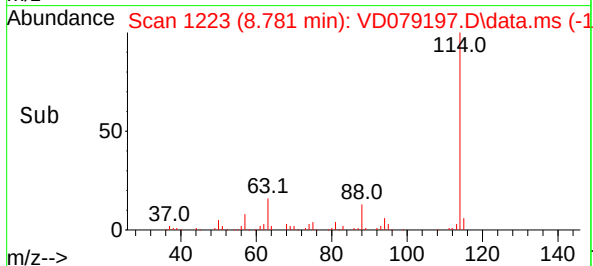
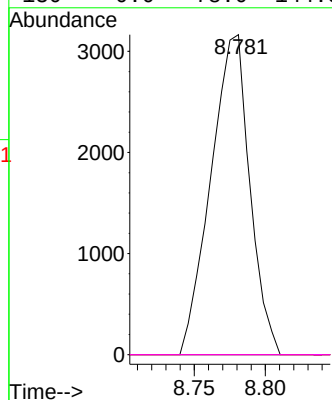
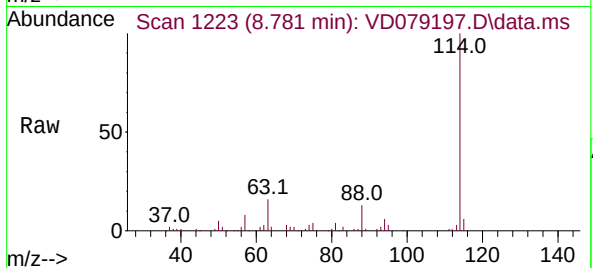
Ion Ratio Lower Upper

95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#



#37

1,2-Dichloropropane

Concen: 2.815 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.088 min

Lab File: VD079197.D

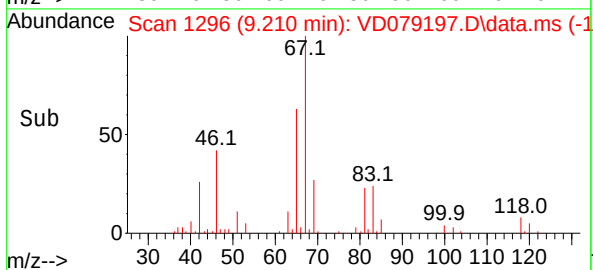
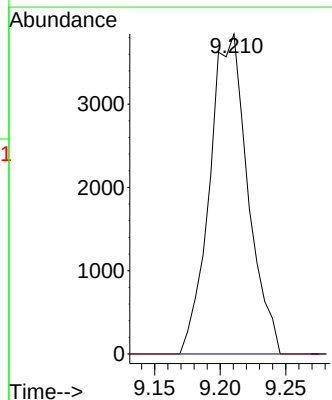
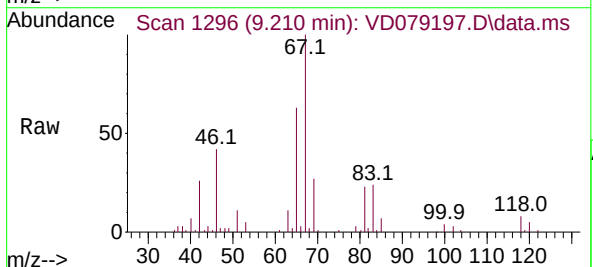
Acq: 18 Jun 2024 11:57

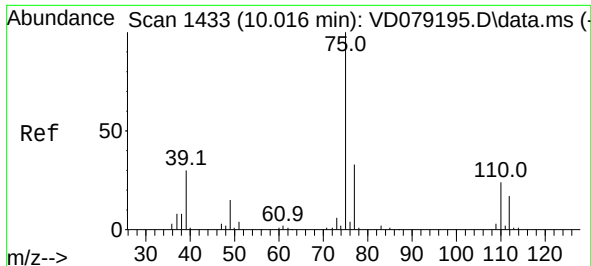
Tgt Ion: 63 Resp: 7785

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 9.969 min Scan# 1433

Delta R.T. -0.047 min

Lab File: VD079197.D

Acq: 18 Jun 2024 11:57

Instrument :

MSVOA_D

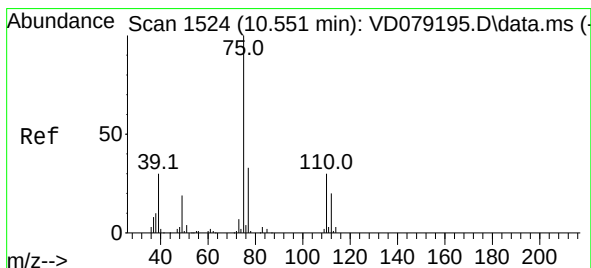
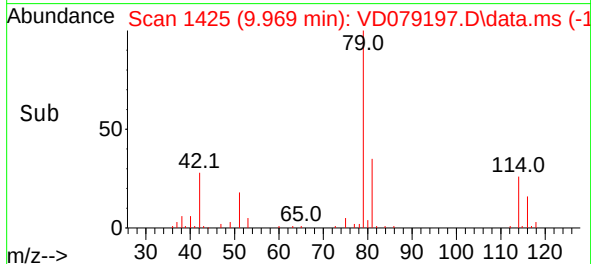
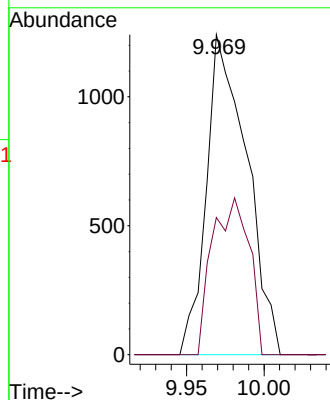
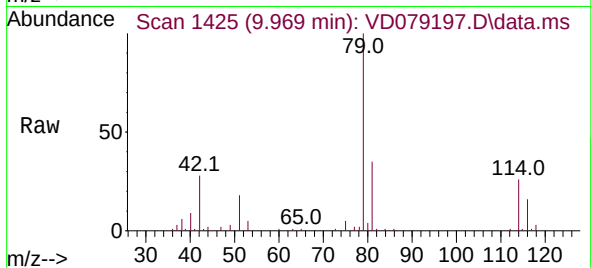
ClientSampleId :

Tgt Ion: 75 Resp: 2242

Ion Ratio Lower Upper

75 100

77 42.9 23.4 43.4



#44

trans-1,3-Dichloropropene

Concen: 0.370 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.029 min

Lab File: VD079197.D

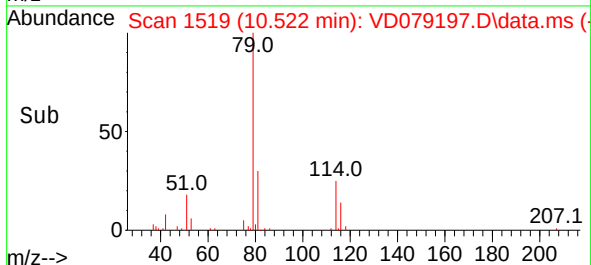
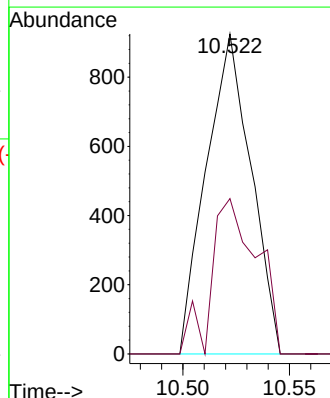
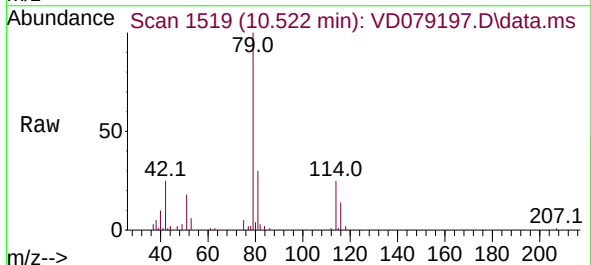
Acq: 18 Jun 2024 11:57

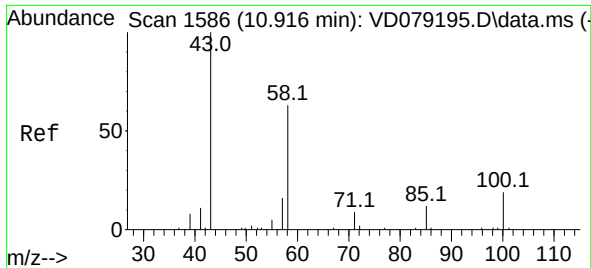
Tgt Ion: 75 Resp: 1351

Ion Ratio Lower Upper

75 100

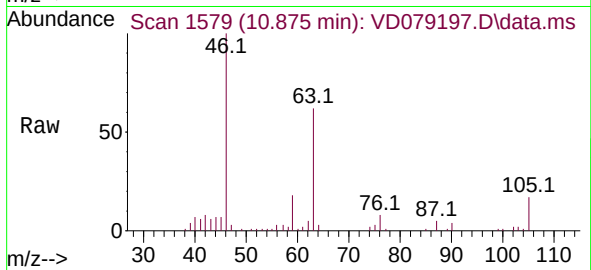
77 48.5 24.3 45.1#



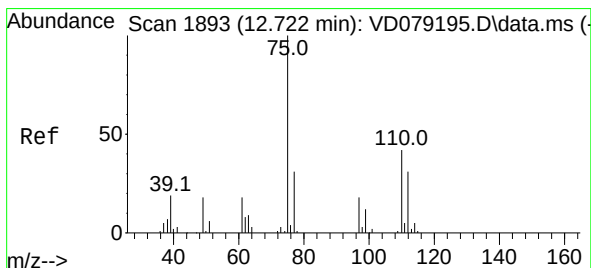
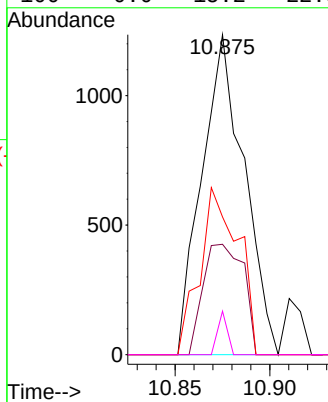
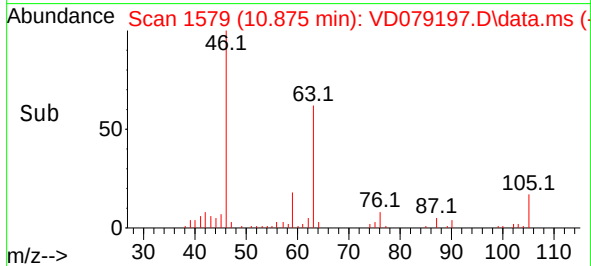


#48
2-Hexanone
Concen: 1.919 ug/L
RT: 10.875 min Scan# 1917
Delta R.T. -0.041 min
Lab File: VD079197.D
Acq: 18 Jun 2024 11:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
58 32.9 50.1 75.1#
57 39.2 16.5 24.7#
100 0.0 15.2 22.8#



#61
1,2,3-Trichloropropane
Concen: 6.055 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079197.D
Acq: 18 Jun 2024 11:57

Tgt Ion: 75 Resp: 5239
Ion Ratio Lower Upper
75 100
77 35.1 25.9 38.9
110 2.3 34.2 51.4#

