

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077109.D
 Acq On : 13 Sep 2023 17:14
 Operator : JC/SY
 Sample : 04417-05
 Misc : 5.30G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 01:26:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

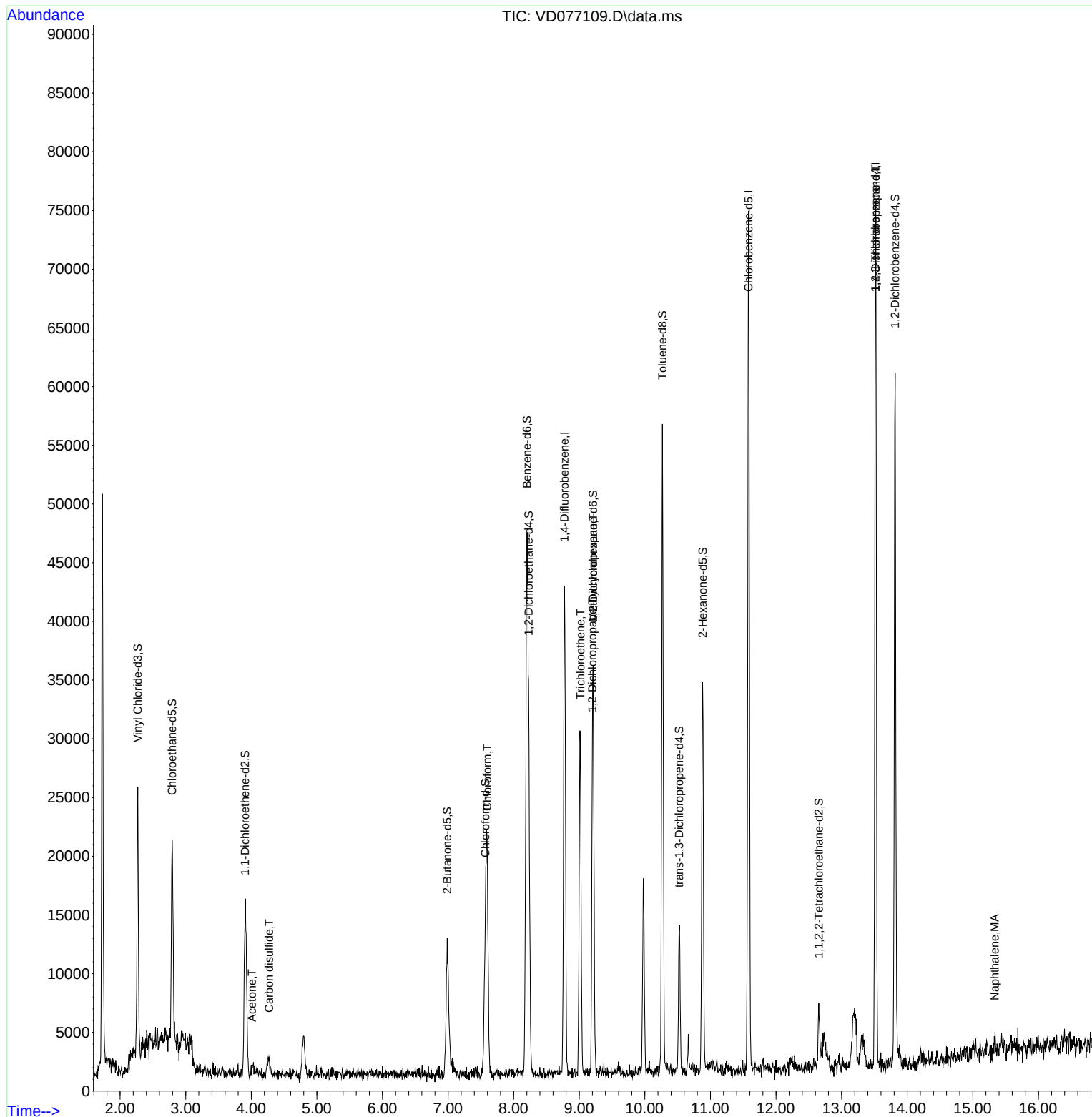
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	37504	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	43158	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	20636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	19136	20.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.840%
7) Chloroethane-d5	2.793	69	18735	24.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	3.905	65	2380	11.338	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.360%
21) 2-Butanone-d5	6.987	46	18550	159.338	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	318.680%#
24) Chloroform-d	7.569	84	10651	10.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	41.520%
26) 1,2-Dichloroethane-d4	8.228	65	19358	39.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	159.200%#
32) Benzene-d6	8.204	84	48037	20.152	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	9.210	67	17946	26.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.000%
41) Toluene-d8	10.269	98	36639	16.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.160%
43) trans-1,3-Dichloroprop...	10.522	79	8171	26.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.920%
47) 2-Hexanone-d5	10.881	63	11350	103.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	207.920%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	2681	4.399	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	17.600%#
66) 1,2-Dichlorobenzene-d4	13.816	152	17985	27.153	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
13) Acetone	4.011	43	406	2.431	ug/L	66
14) Carbon disulfide	4.269	76	3115	1.911	ug/L #	92
25) Chloroform	7.599	83	17831	17.272	ug/L	83
34) Trichloroethene	9.016	95	768	1.117	ug/L #	57
35) Methylcyclohexane	9.210	83	4787	4.515	ug/L #	3
37) 1,2-Dichloropropane	9.199	63	978	1.496	ug/L #	85
61) 1,2,3-Trichloropropane	13.516	75	2650	6.728	ug/L #	49
71) Naphthalene	15.334	128	1349	0.944	ug/L #	69

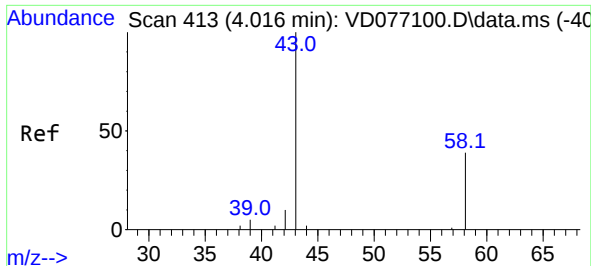
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
Data File : VD077109.D
Acq On : 13 Sep 2023 17:14
Operator : JC/SY
Sample : 04417-05
Misc : 5.30G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 14 01:26:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration

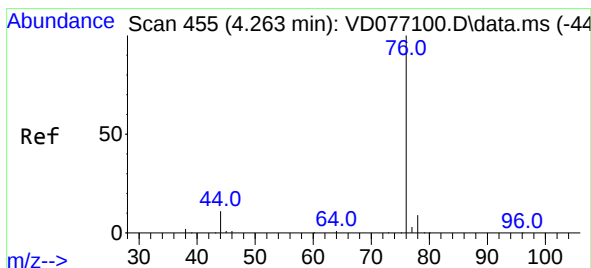
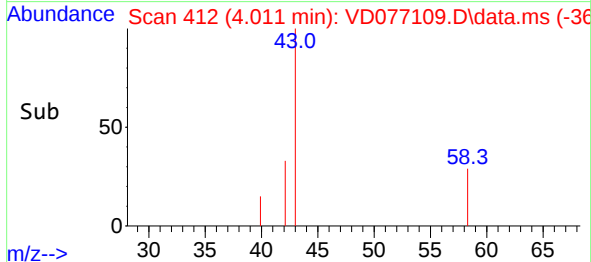
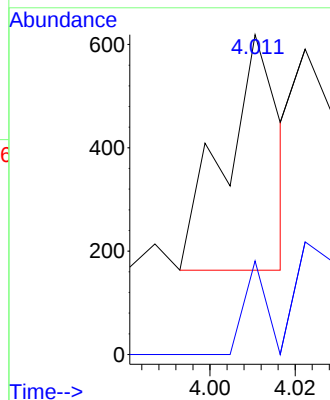
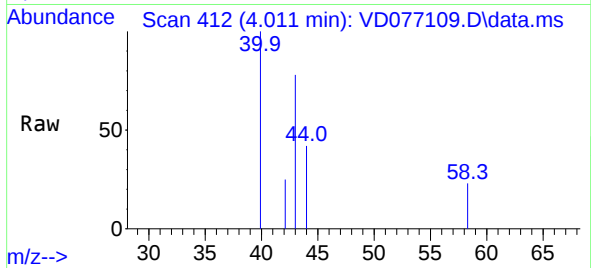




#13
Acetone
Concen: 2.431 ug/L
RT: 4.011 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077109.D
Acq: 13 Sep 2023 17:14

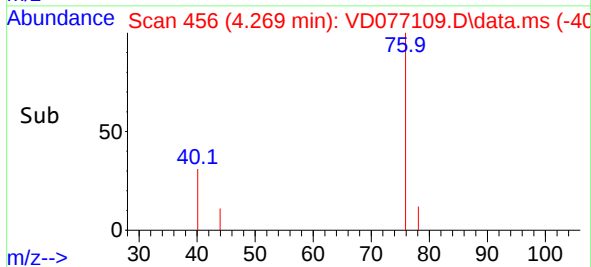
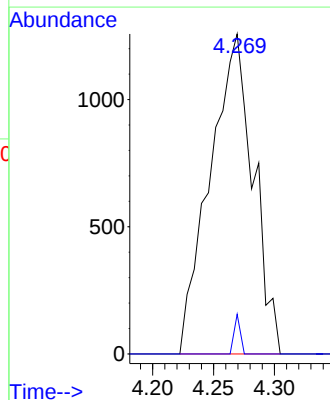
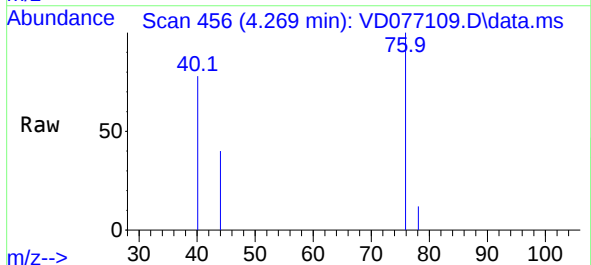
Instrument :
MSVOA_D
ClientSampleId :

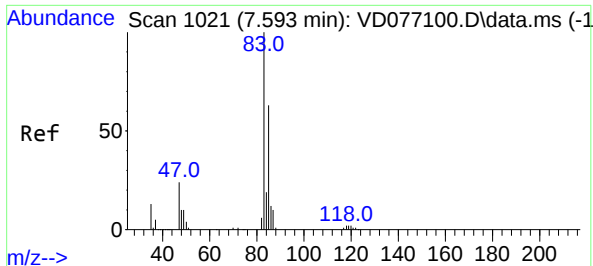
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 15.8 0.0 71.8



#14
Carbon disulfide
Concen: 1.911 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD077109.D
Acq: 13 Sep 2023 17:14

Tgt Ion: 76 Resp: 3115
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3#





#25

Chloroform

Concen: 17.272 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077109.D

Acq: 13 Sep 2023 17:14

Instrument :

MSVOA_D

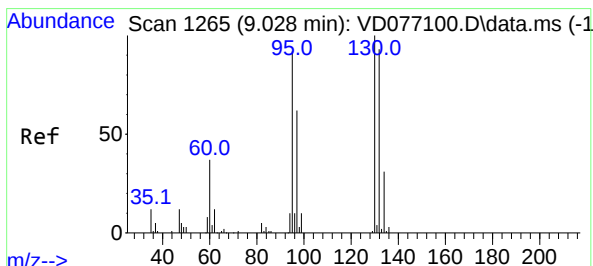
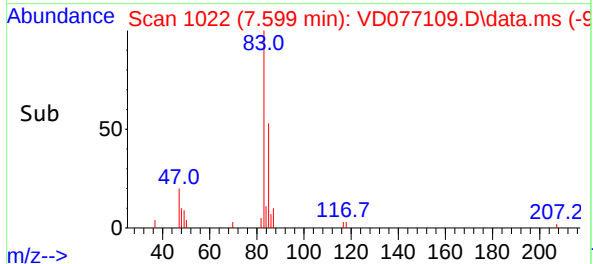
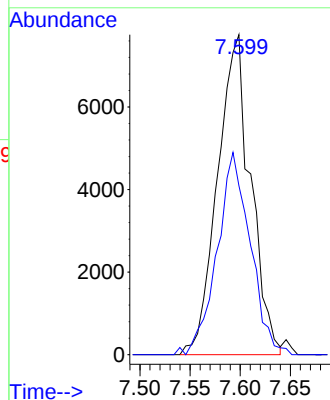
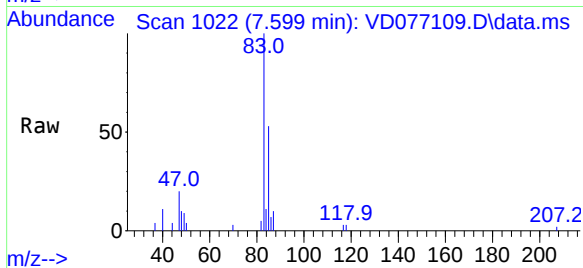
ClientSampleId :

Tgt Ion: 83 Resp: 17831

Ion Ratio Lower Upper

83 100

85 52.8 46.2 85.8



#34

Trichloroethene

Concen: 1.117 ug/L

RT: 9.016 min Scan# 1263

Delta R.T. -0.012 min

Lab File: VD077109.D

Acq: 13 Sep 2023 17:14

Tgt Ion: 95 Resp: 768

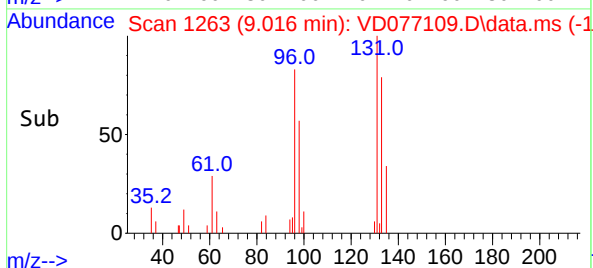
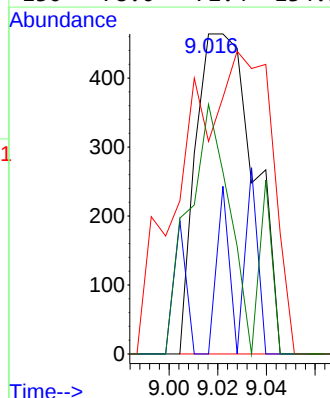
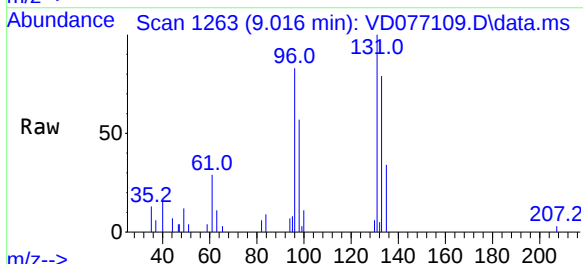
Ion Ratio Lower Upper

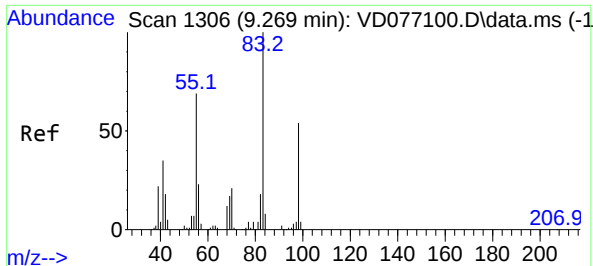
95 100

97 0.0 46.4 86.2#

132 66.4 70.1 130.1#

130 78.0 72.4 134.5





#35

Methylcyclohexane

Concen: 4.515 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

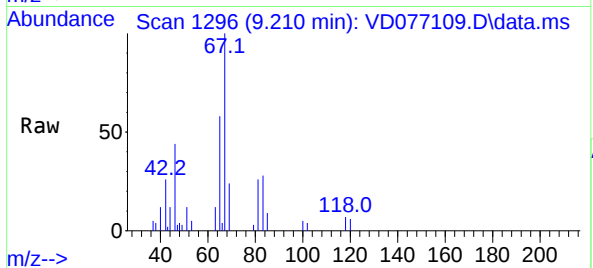
Lab File: VD077109.D

Acq: 13 Sep 2023 17:14

Instrument :

MSVOA_D

ClientSampleId :



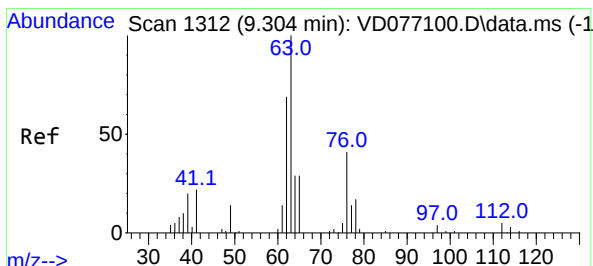
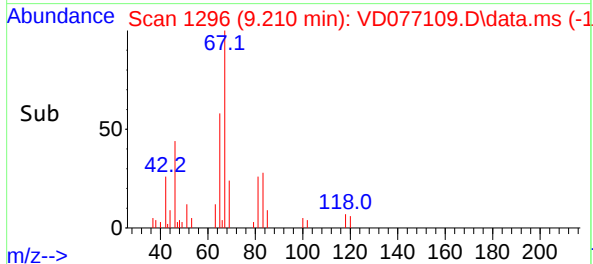
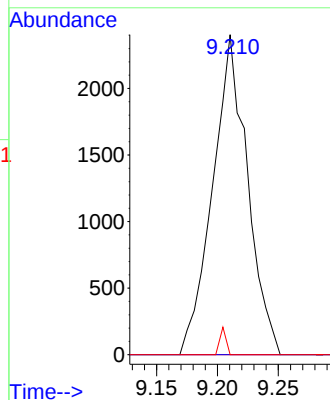
Tgt Ion: 83 Resp: 4787

Ion Ratio Lower Upper

83 100

55 0.0 51.5 77.3#

98 131.6 40.7 61.1#



#37

1,2-Dichloropropane

Concen: 1.496 ug/L

RT: 9.199 min Scan# 1294

Delta R.T. -0.106 min

Lab File: VD077109.D

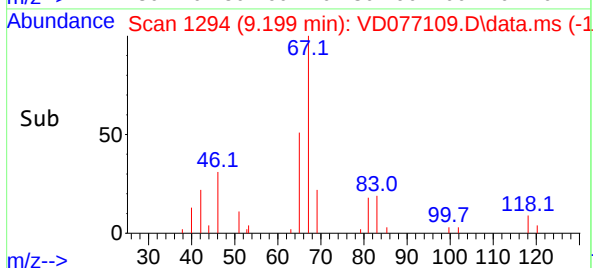
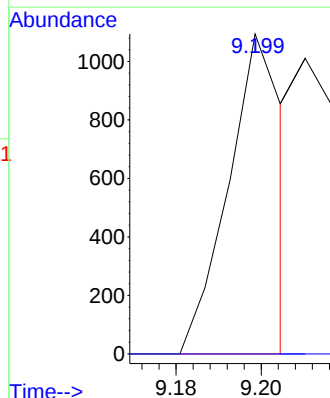
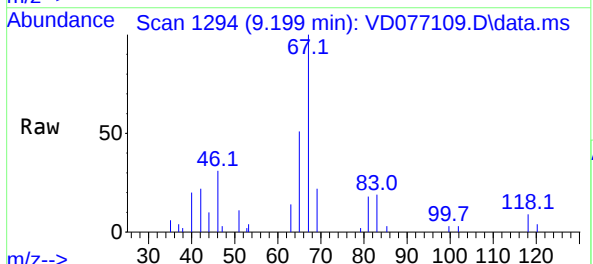
Acq: 13 Sep 2023 17:14

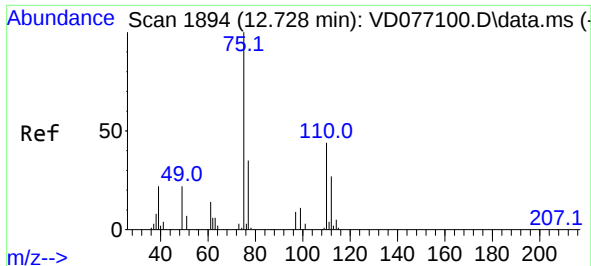
Tgt Ion: 63 Resp: 978

Ion Ratio Lower Upper

63 100

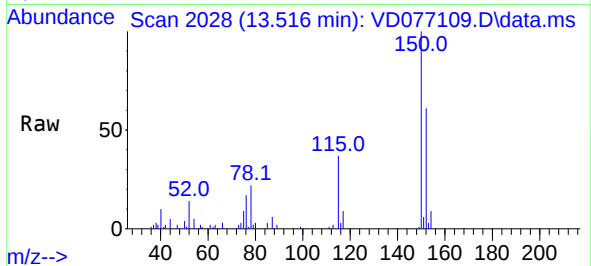
112 0.0 4.0 6.0#



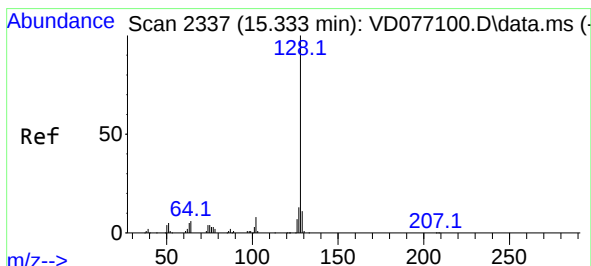
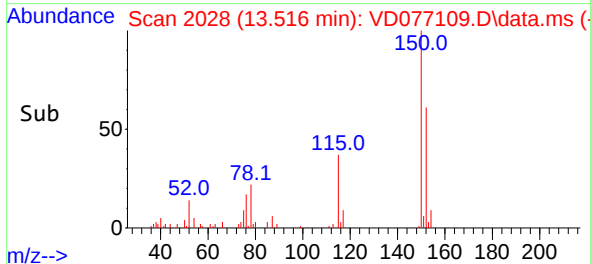
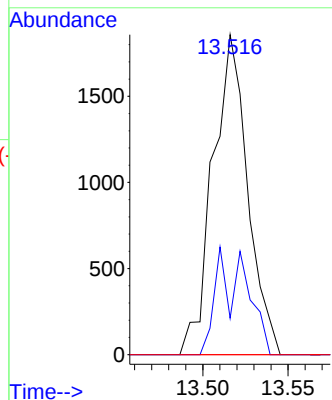


#61
1,2,3-Trichloropropane
Concen: 6.728 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD077109.D
Acq: 13 Sep 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 2650
Ion Ratio Lower Upper
75 100
77 15.5 26.6 40.0#
110 0.0 33.6 50.4#



#71
Naphthalene
Concen: 0.944 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077109.D
Acq: 13 Sep 2023 17:14

Tgt Ion:128 Resp: 1349
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

