

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077102.D
 Acq On : 13 Sep 2023 12:59
 Operator : JC/SY
 Sample : VD0913SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 01:25:17 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)

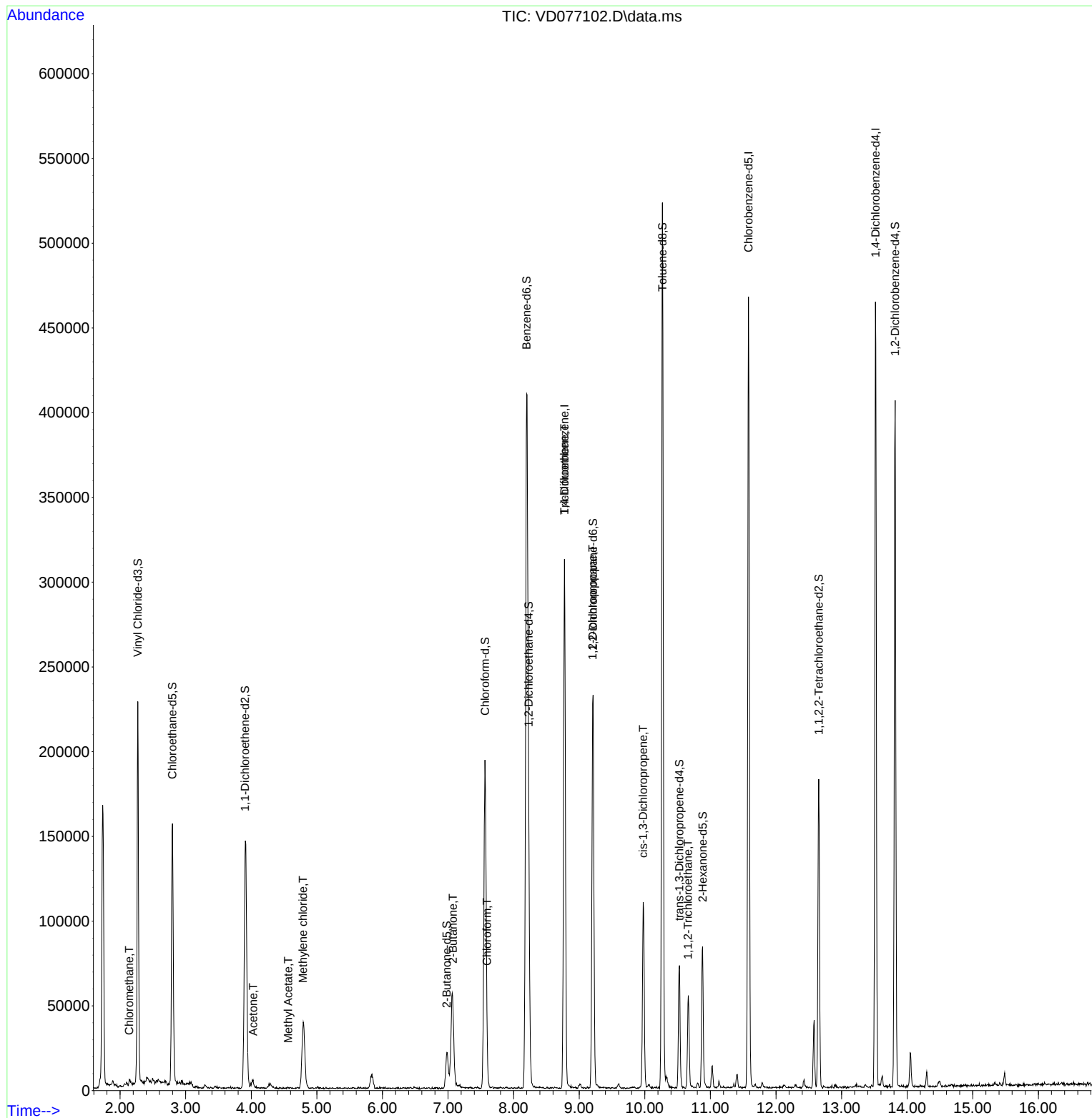
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	287270	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	280769	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	130687	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	204835	28.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.760%
7) Chloroethane-d5	2.799	69	162146	27.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.440%
11) 1,1-Dichloroethene-d2	3.905	65	22534	14.014	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.040%
21) 2-Butanone-d5	6.981	46	37854	42.450	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.900%
24) Chloroform-d	7.563	84	201788	25.671	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.680%
26) 1,2-Dichloroethane-d4	8.228	65	95279	25.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.280%
32) Benzene-d6	8.199	84	401766	25.908	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.210	67	117540	26.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.720%
41) Toluene-d8	10.269	98	363615	25.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	10.528	79	43049	21.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.000%
47) 2-Hexanone-d5	10.881	63	28698	40.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92652	23.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	113332	27.018	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.080%
Target Compounds						Qvalue
3) Chloromethane	2.140	50	2008	0.321	ug/L	92
13) Acetone	4.028	43	6710	5.245	ug/L	100
15) Methyl Acetate	4.564	43	621	0.363	ug/L #	100
16) Methylene chloride	4.787	84	16575	2.835	ug/L	93
22) 2-Butanone	7.075	43	1226	0.794	ug/L #	58
25) Chloroform	7.593	83	5126	0.648	ug/L	78
34) Trichloroethene	8.775	95	7869	1.760	ug/L #	4
37) 1,2-Dichloropropane	9.205	63	11948	2.809	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3111	0.460	ug/L	91
45) 1,1,2-Trichloroethane	10.657	97	1573	0.437	ug/L #	12

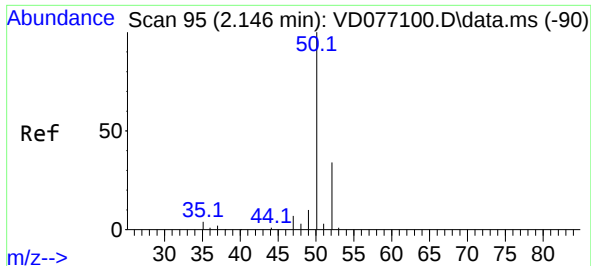
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

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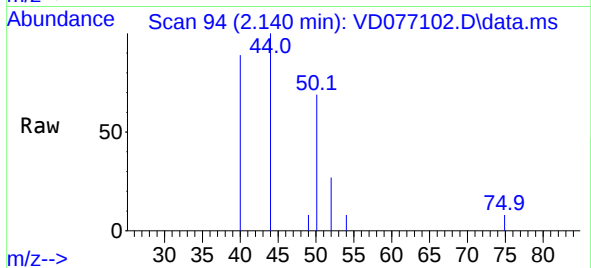
Quant Time: Sep 14 01:25:17 2023
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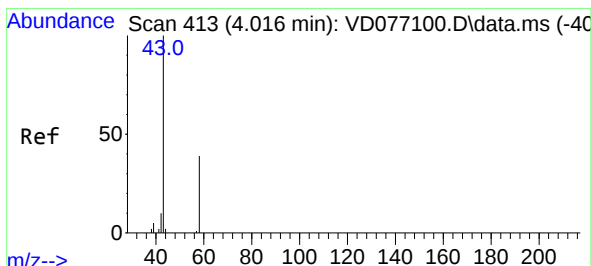
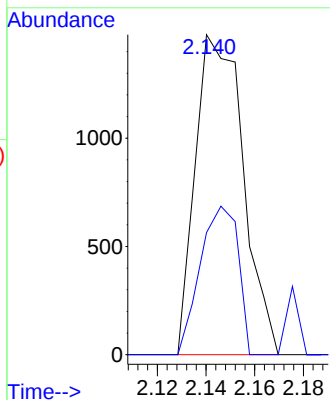
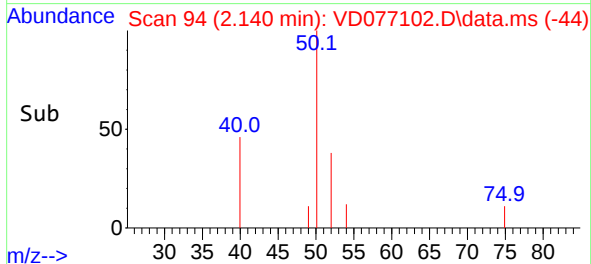


#3
Chloromethane
Concen: 0.321 ug/L
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD077102.D
Acq: 13 Sep 2023 12:59

Instrument :
MSVOA_D
ClientSampleId :

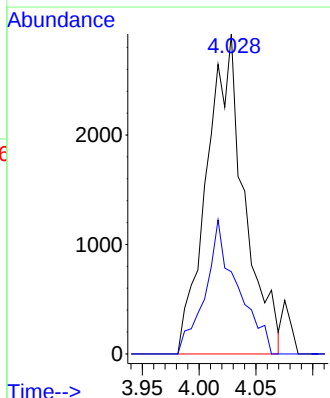
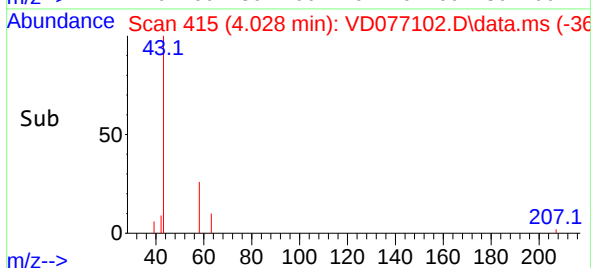
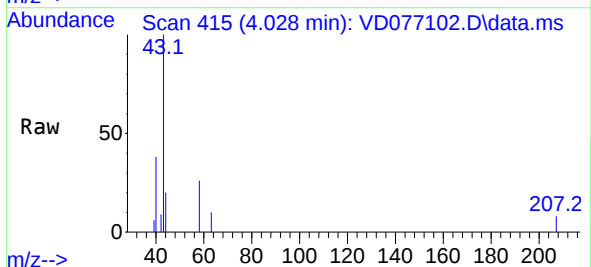


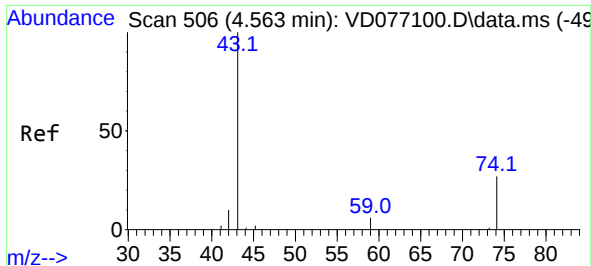
Tgt Ion: 50 Resp: 2008
Ion Ratio Lower Upper
50 100
52 38.2 23.5 43.7



#13
Acetone
Concen: 5.245 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD077102.D
Acq: 13 Sep 2023 12:59

Tgt Ion: 43 Resp: 6710
Ion Ratio Lower Upper
43 100
58 35.9 0.0 71.8

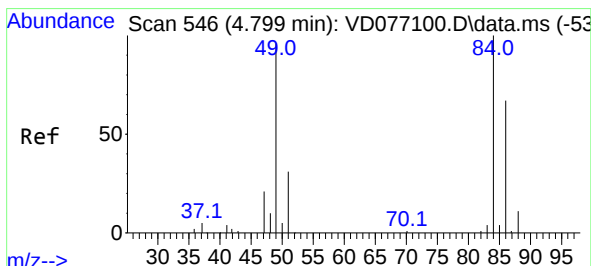
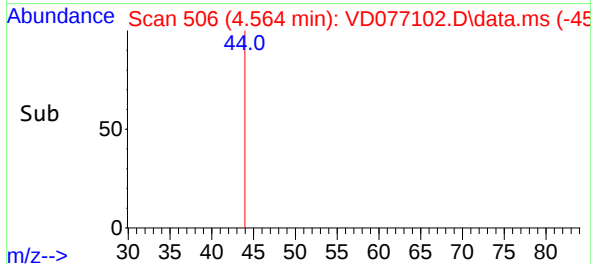
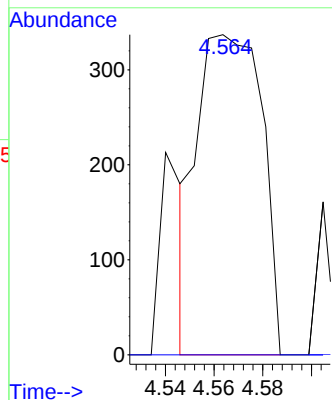
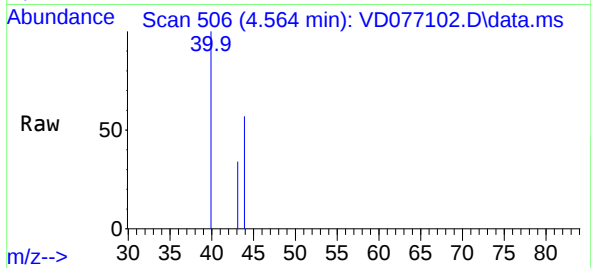




#15
Methyl Acetate
Concen: 0.363 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077102.D
Acq: 13 Sep 2023 12:59

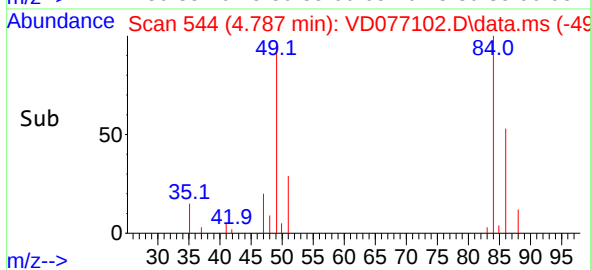
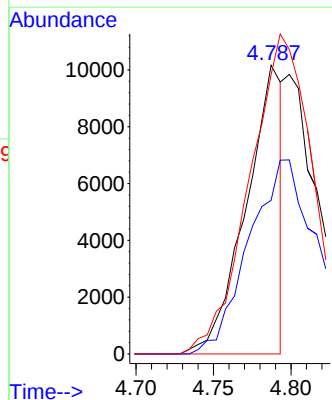
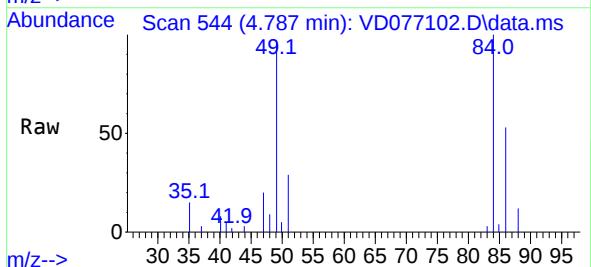
Instrument :
MSVOA_D
ClientSampleId :

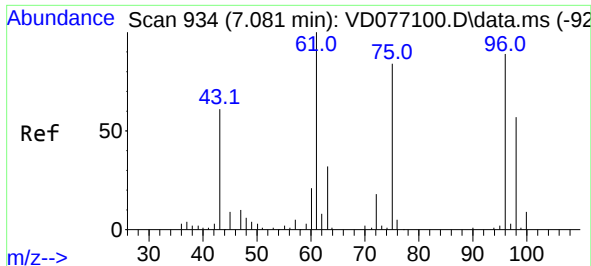
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
74 0.0 0.2 0.2#



#16
Methylene chloride
Concen: 2.835 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.018 min
Lab File: VD077102.D
Acq: 13 Sep 2023 12:59

Tgt Ion: 84 Resp: 16575
Ion Ratio Lower Upper
84 100
86 53.2 45.3 84.1
49 96.7 69.2 128.6

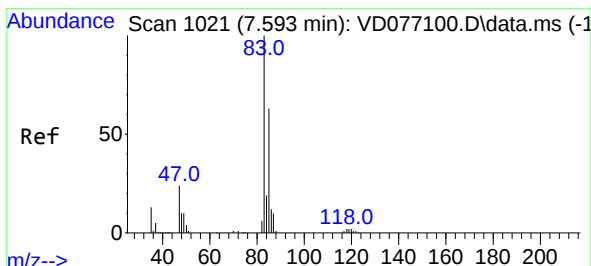
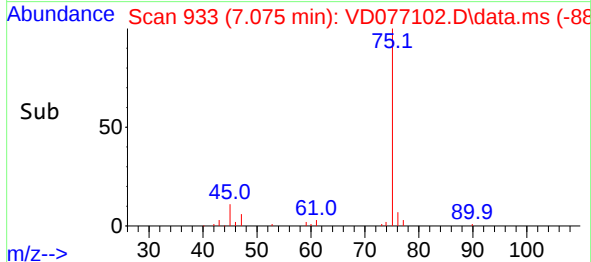
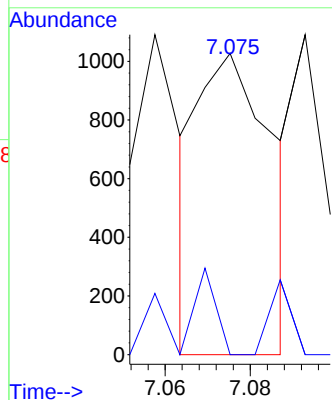
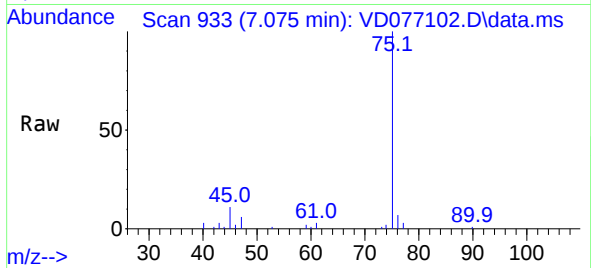




#22
2-Butanone
Concen: 0.794 ug/L
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077102.D
Acq: 13 Sep 2023 12:59

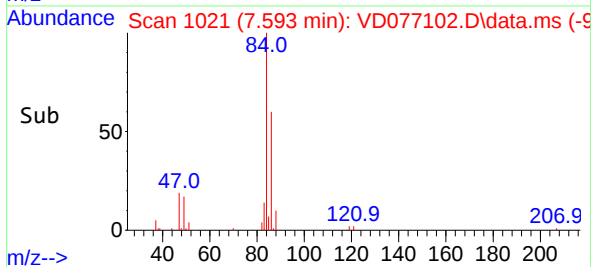
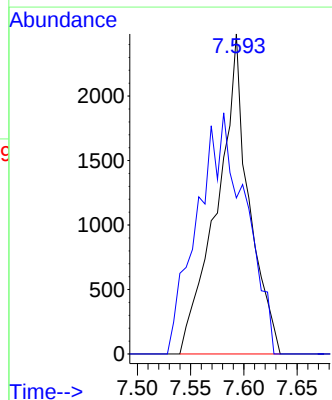
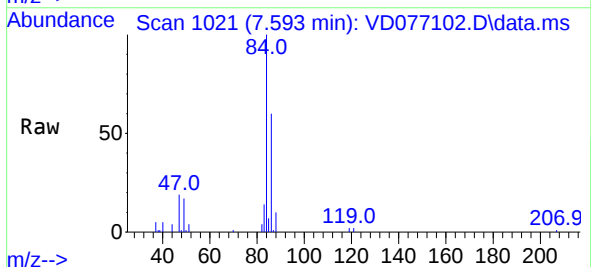
Instrument :
MSVOA_D
ClientSampleId :

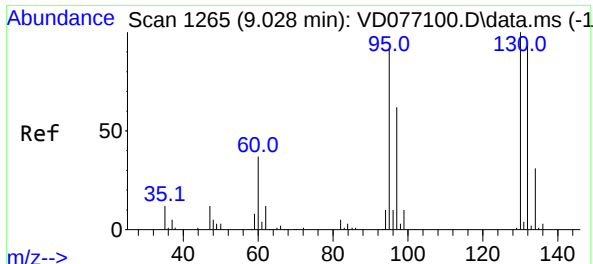
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
72 8.5 16.0 48.0#



#25
Chloroform
Concen: 0.648 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077102.D
Acq: 13 Sep 2023 12:59

Tgt Ion: 83 Resp: 5126
Ion Ratio Lower Upper
83 100
85 48.8 46.2 85.8





#34

Trichloroethene

Concen: 1.760 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

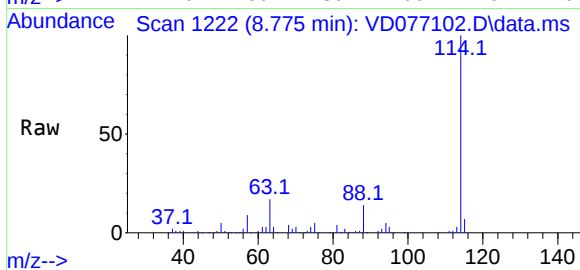
Lab File: VD077102.D

Acq: 13 Sep 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 7869

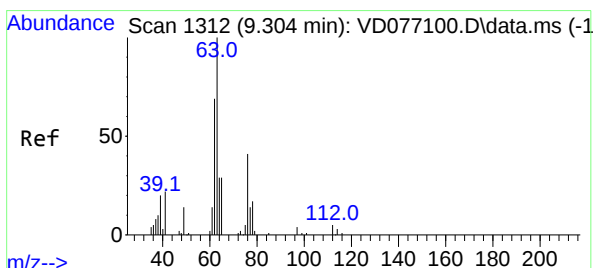
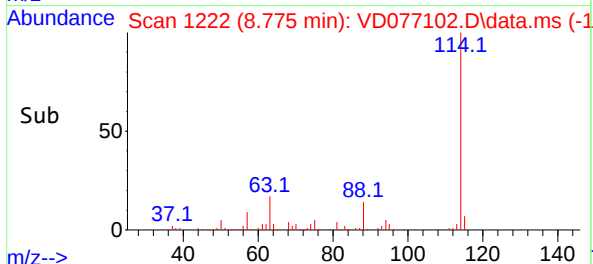
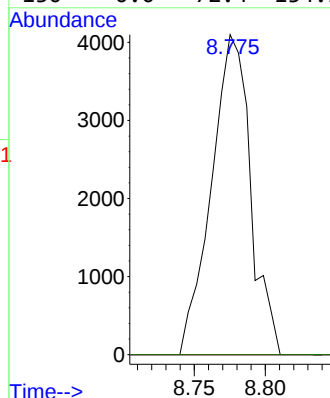
Ion Ratio Lower Upper

95 100

97 0.0 46.4 86.2#

132 0.0 70.1 130.1#

130 0.0 72.4 134.5#



#37

1,2-Dichloropropane

Concen: 2.809 ug/L

RT: 9.205 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD077102.D

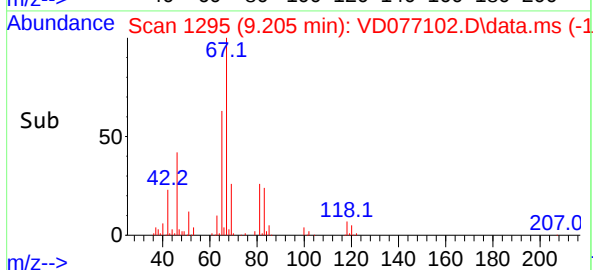
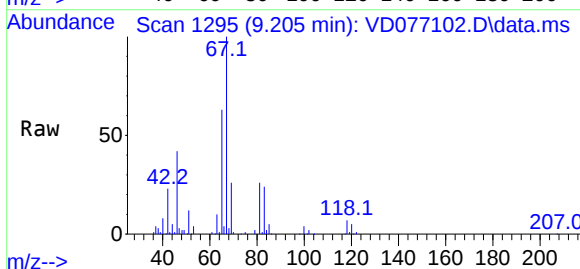
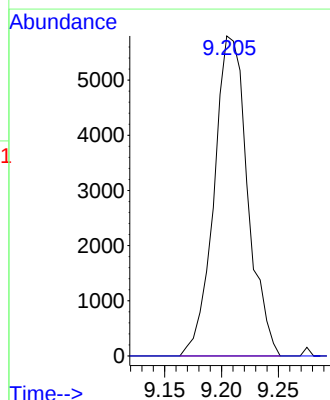
Acq: 13 Sep 2023 12:59

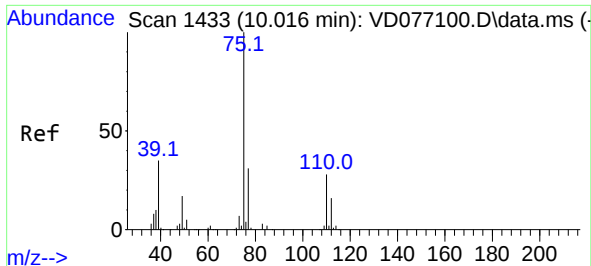
Tgt Ion: 63 Resp: 11948

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.460 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD077102.D

Acq: 13 Sep 2023 12:59

Instrument :

MSVOA_D

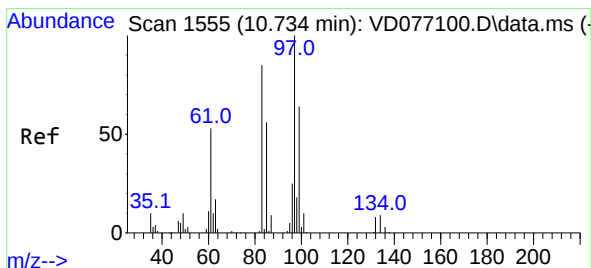
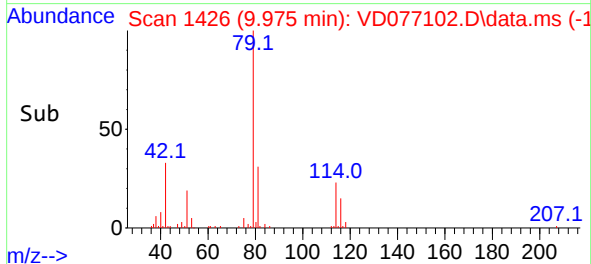
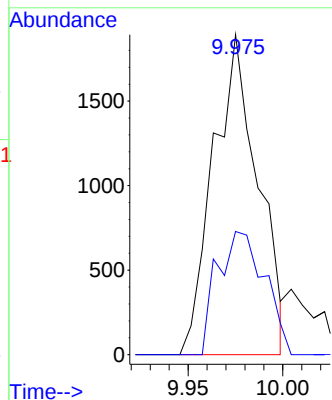
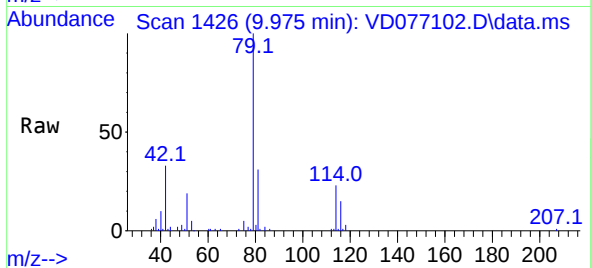
ClientSampleId :

Tgt Ion: 75 Resp: 3111

Ion Ratio Lower Upper

75 100

77 38.5 23.2 43.2



#45

1,1,2-Trichloroethane

Concen: 0.437 ug/L

RT: 10.657 min Scan# 1542

Delta R.T. -0.076 min

Lab File: VD077102.D

Acq: 13 Sep 2023 12:59

Tgt Ion: 97 Resp: 1573

Ion Ratio Lower Upper

97 100

99 0.0 46.1 85.5#

83 0.0 64.3 119.3#

85 0.0 42.9 79.7#

