

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
 Data File : VD079882.D
 Acq On : 24 Sep 2024 17:39
 Operator : RP/MD
 Sample : P4162-06
 Misc : 5.01G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

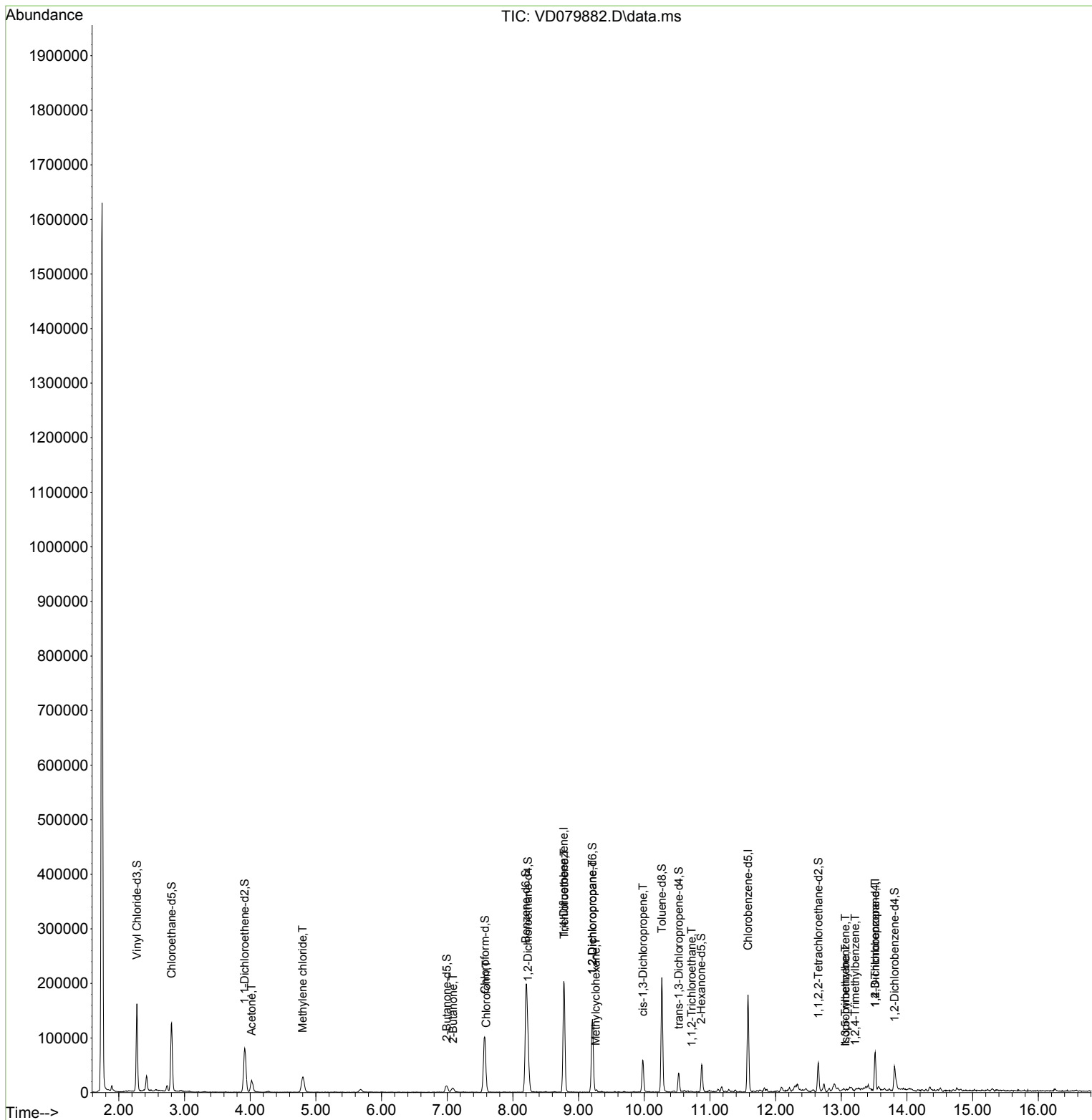
Quant Time: Sep 25 01:25:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:21:43 2024
 Response via : Initial Calibration

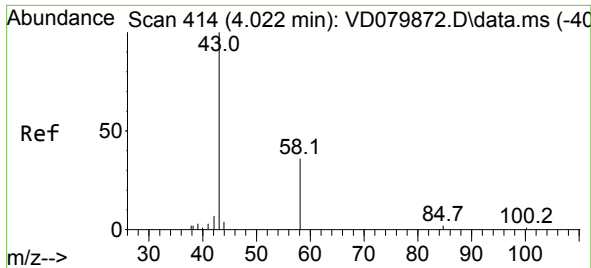
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	174753	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	97409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	16771	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	142320	18.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.920%
7) Chloroethane-d5	2.805	69	131786	21.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	3.916	65	22874	16.579	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.320%
21) 2-Butanone-d5	6.993	46	22266	31.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.080%
24) Chloroform-d	7.575	84	105911	18.437	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.760%
26) 1,2-Dichloroethane-d4	8.228	65	58577	19.501	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.000%
32) Benzene-d6	8.199	84	206445	30.020	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.080%
36) 1,2-Dichloropropane-d6	9.210	67	66850	31.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.960%#
41) Toluene-d8	10.269	98	135904	22.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	10.528	79	20330	22.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.800%
47) 2-Hexanone-d5	10.869	63	16681	48.584	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	24759	15.997	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.000%
66) 1,2-Dichlorobenzene-d4	13.810	152	11017	17.419	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.680%#
Target Compounds						Qvalue
13) Acetone	4.022	43	34748	40.369	ug/L	98
16) Methylene chloride	4.799	84	20489	5.934	ug/L	91
22) 2-Butanone	7.087	43	13158	13.031	ug/L	89
25) Chloroform	7.593	83	1232	0.211	ug/L	99
34) Trichloroethene	8.781	95	5015	2.992	ug/L #	8
35) Methylcyclohexane	9.263	83	760	0.281	ug/L #	54
37) 1,2-Dichloropropane	9.210	63	7602	3.843	ug/L #	100
39) cis-1,3-Dichloropropene	9.981	75	2189	0.788	ug/L #	71
45) 1,1,2-Trichloroethane	10.722	97	269	0.199	ug/L #	13
60) Isopropylbenzene	13.063	105	694	0.240	ug/L #	66
61) 1,2,3-Trichloropropane	13.516	75	2970	7.205	ug/L #	64
62) 1,3,5-Trimethylbenzene	13.063	105	694	0.328	ug/L #	29
63) 1,2,4-Trimethylbenzene	13.210	105	432	0.195	ug/L #	31

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

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Quant Title : SFAM01.0
QLast Update : Wed Sep 25 01:21:43 2024
Response via : Initial Calibration





#13

Acetone

Concen: 40.369 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079882.D

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Instrument :

MSVOA_D

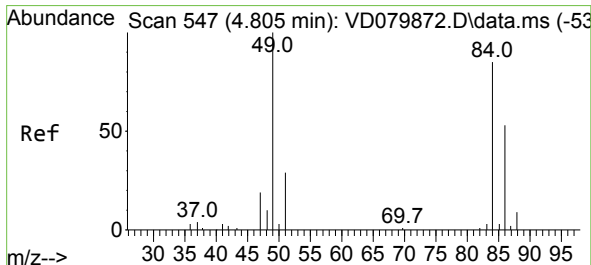
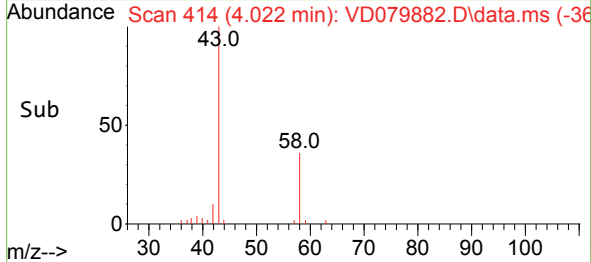
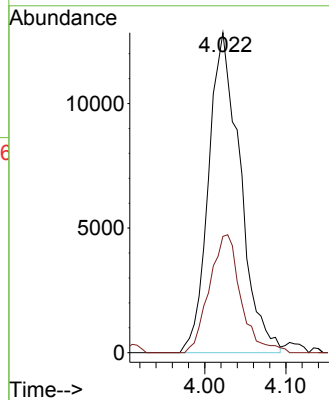
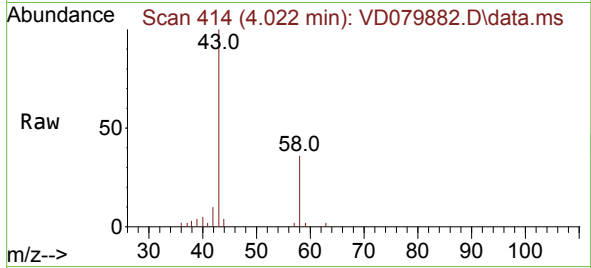
ClientSampleId :

Tgt Ion: 43 Resp: 34748

Ion Ratio Lower Upper

43 100

58 36.7 0.0 75.8



#16

Methylene chloride

Concen: 5.934 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD079882.D

Acq: 24 Sep 2024 17:39

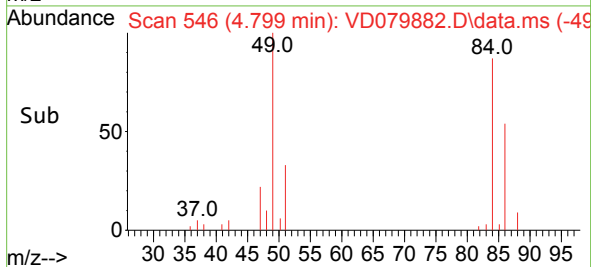
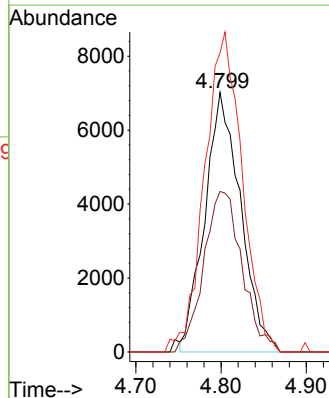
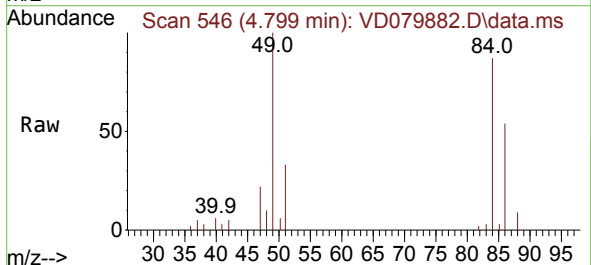
Tgt Ion: 84 Resp: 20489

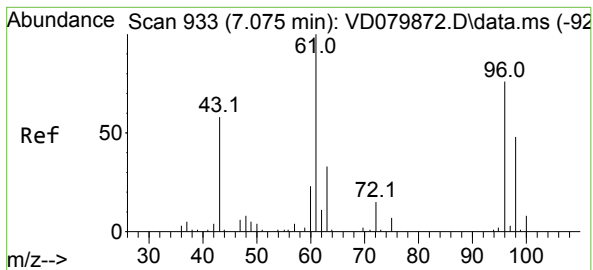
Ion Ratio Lower Upper

84 100

86 61.9 41.0 76.2

49 115.3 90.0 167.2





#22

2-Butanone

Concen: 13.031 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD079882.D

Acq: 24 Sep 2024 17:39

Instrument :

MSVOA_D

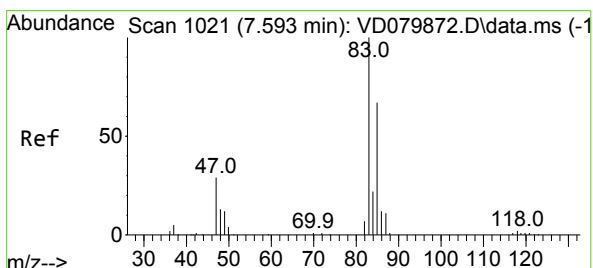
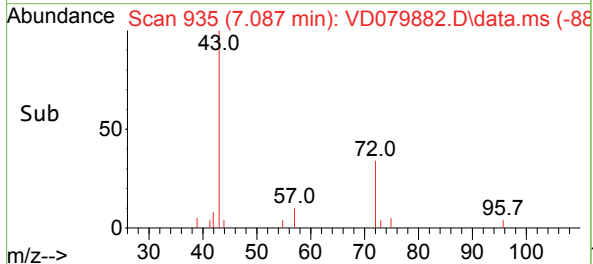
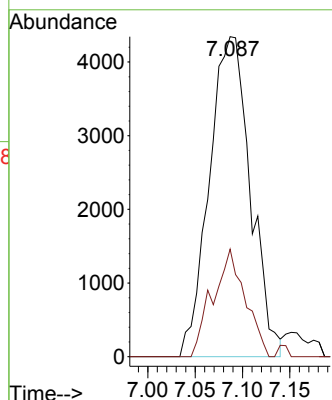
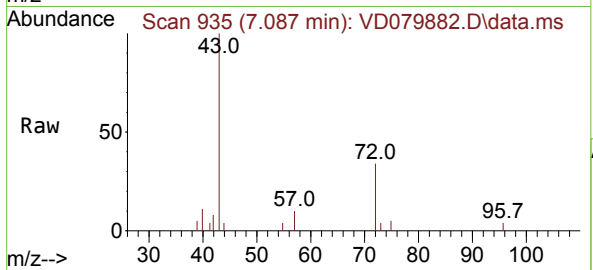
ClientSampleId :

Tgt Ion: 43 Resp: 13158

Ion Ratio Lower Upper

43 100

72 20.4 13.1 39.3



#25

Chloroform

Concen: 0.211 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079882.D

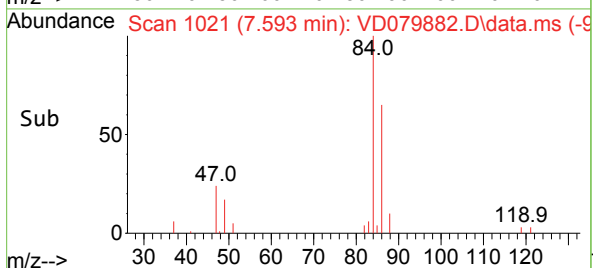
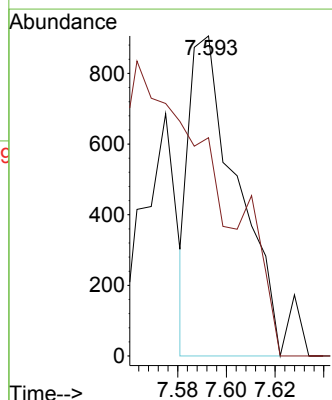
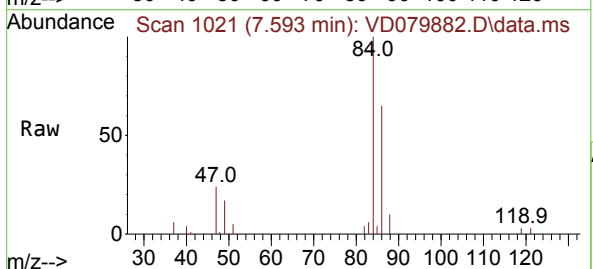
Acq: 24 Sep 2024 17:39

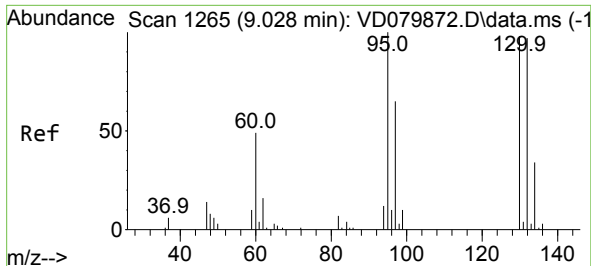
Tgt Ion: 83 Resp: 1232

Ion Ratio Lower Upper

83 100

85 68.2 47.3 87.9





#34

Trichloroethene

Concen: 2.992 ug/L

RT: 8.781 min Scan# 11

Delta R.T. -0.247 min

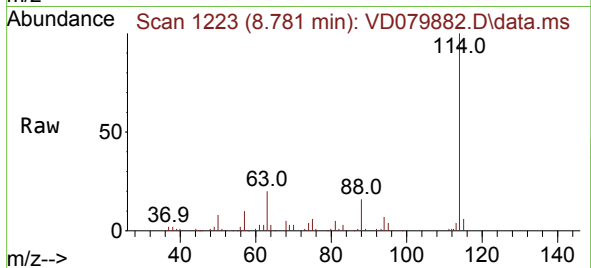
Lab File: VD079882.D

Acq: 24 Sep 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 5015

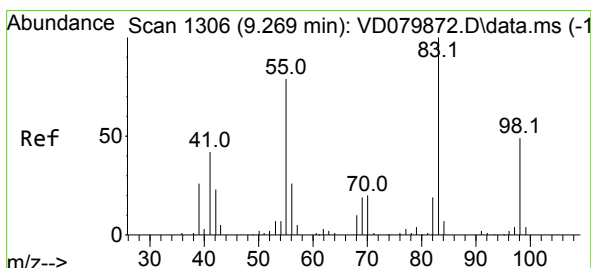
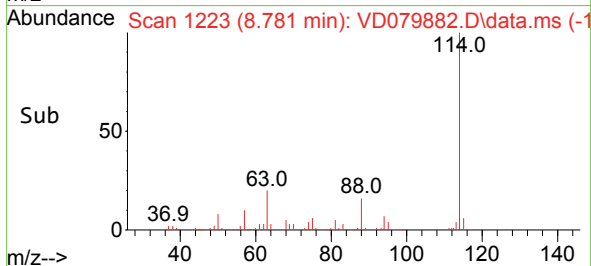
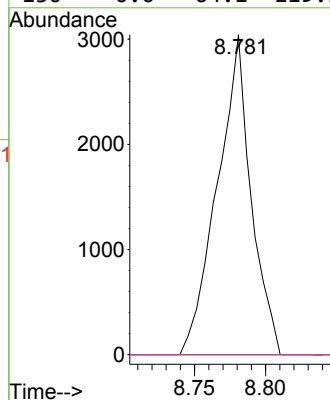
Ion Ratio Lower Upper

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: 0.281 ug/L

RT: 9.263 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VD079882.D

Acq: 24 Sep 2024 17:39

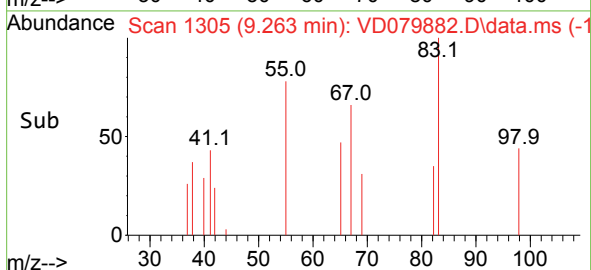
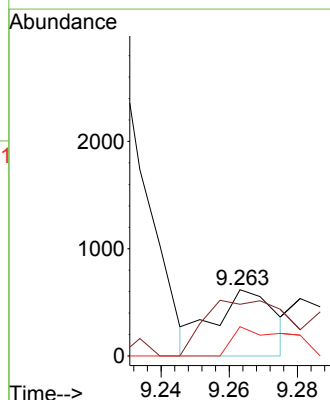
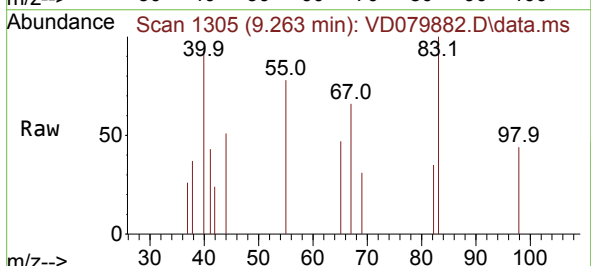
Tgt Ion: 83 Resp: 760

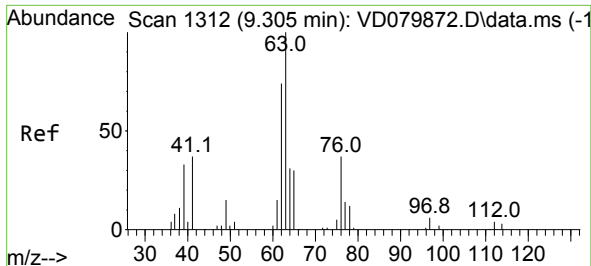
Ion Ratio Lower Upper

83 100

55 115.9 58.9 88.3#

98 21.6 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 3.843 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD079882.D

Acq: 24 Sep 2024 17:39

Instrument :

MSVOA_D

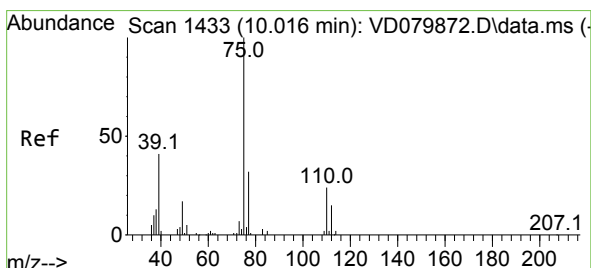
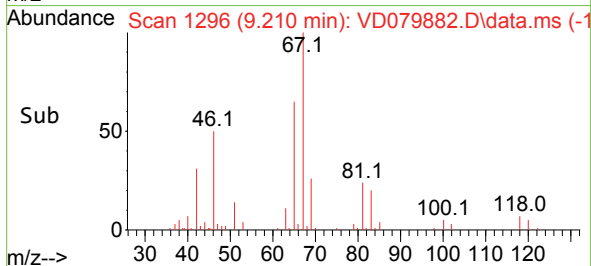
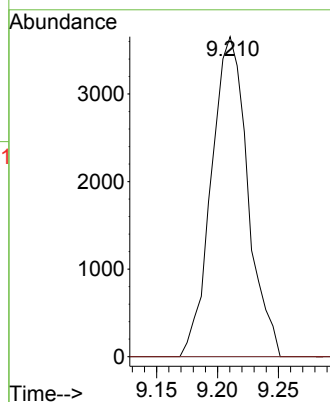
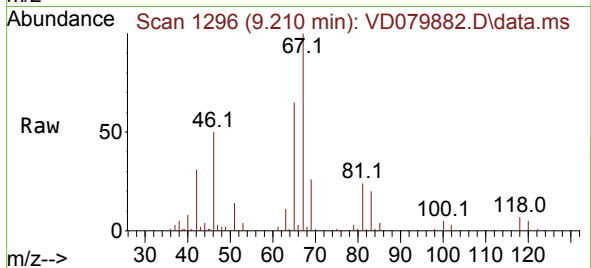
ClientSampleId :

Tgt Ion: 63 Resp: 7602

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 0.788 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD079882.D

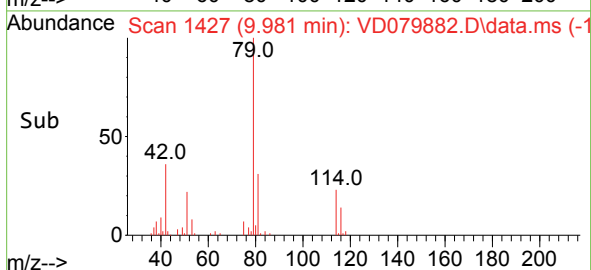
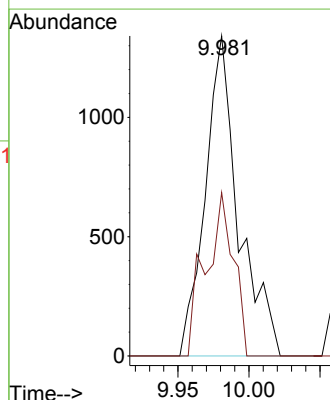
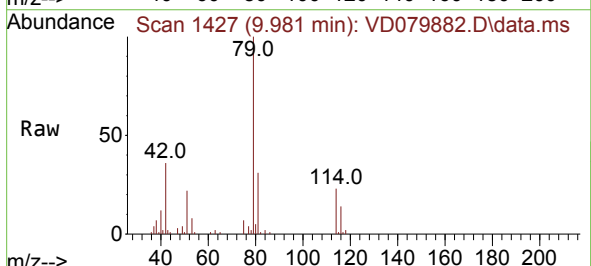
Acq: 24 Sep 2024 17:39

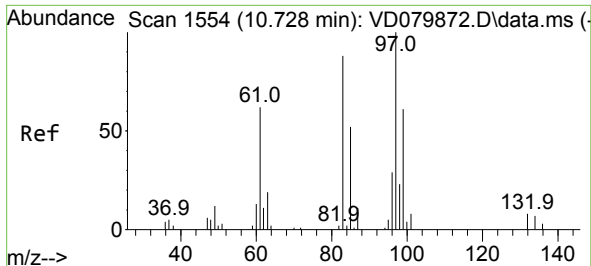
Tgt Ion: 75 Resp: 2189

Ion Ratio Lower Upper

75 100

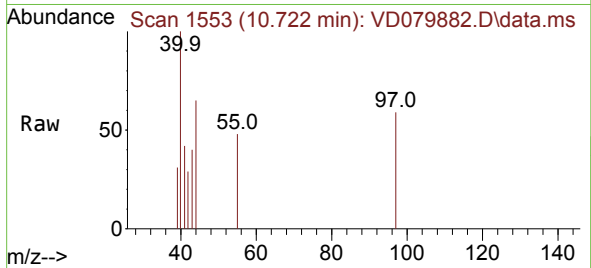
77 51.1 24.1 44.8#





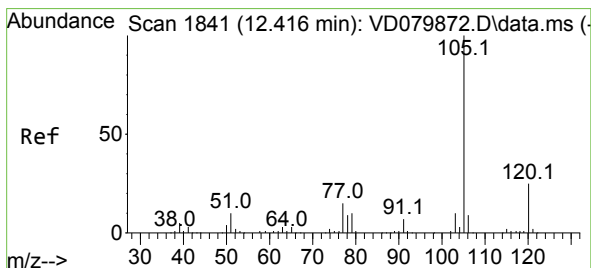
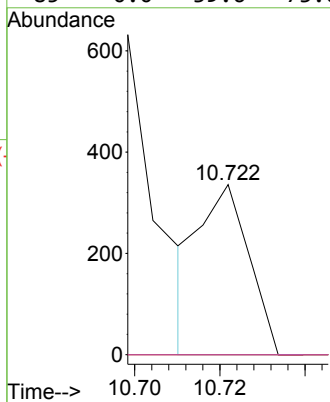
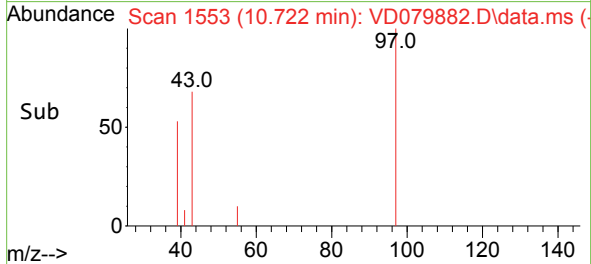
#45
1,1,2-Trichloroethane
Concen: 0.199 ug/L
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079882.D
Acq: 24 Sep 2024 17:39

Instrument :
MSVOA_D
ClientSampleId :

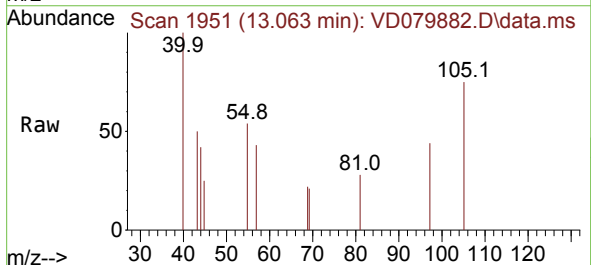


Tgt Ion: 97 Resp: 269

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.1	83.7#
83	0.0	65.2	121.0#
85	0.0	39.6	73.6#

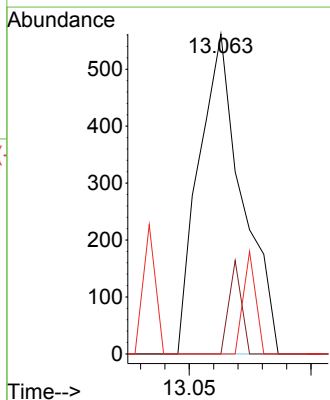
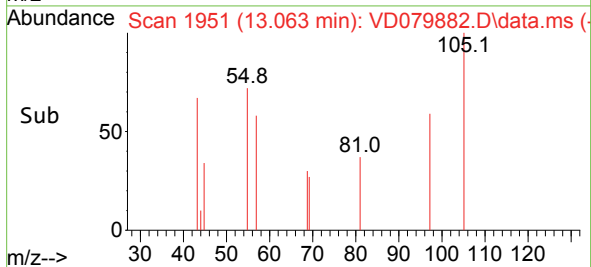


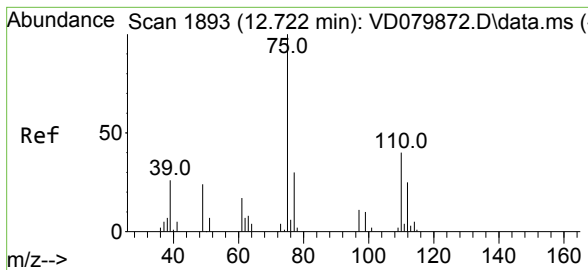
#60
Isopropylbenzene
Concen: 0.240 ug/L
RT: 13.063 min Scan# 1951
Delta R.T. 0.647 min
Lab File: VD079882.D
Acq: 24 Sep 2024 17:39



Tgt Ion: 105 Resp: 694

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.9	31.3#
77	17.9	12.6	19.0

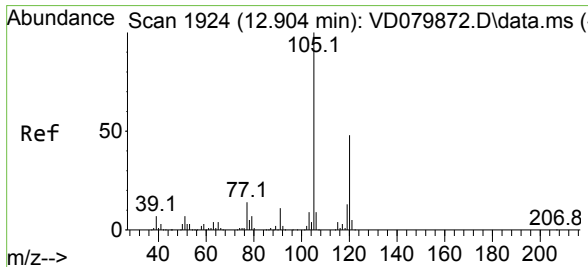
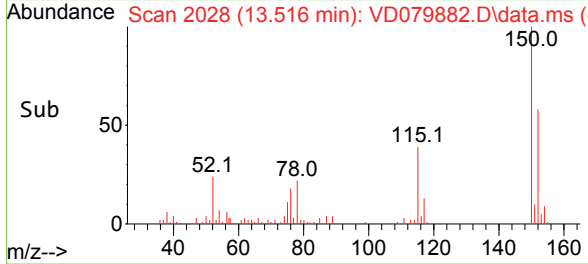
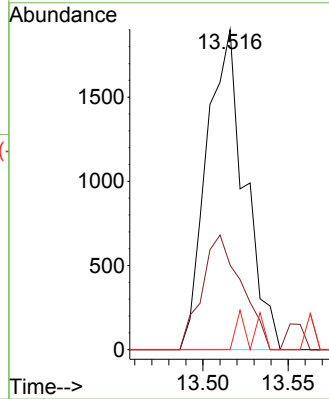
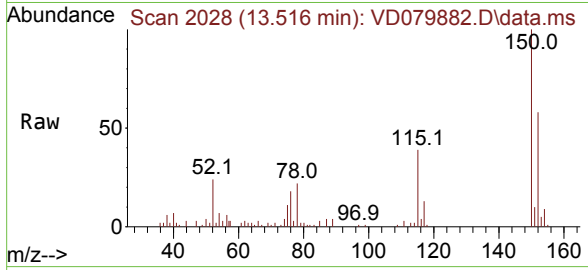




#61
 1,2,3-Trichloropropane
 Concen: 7.205 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD079882.D
 Acq: 24 Sep 2024 17:39

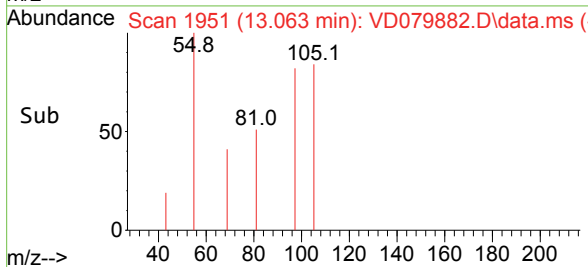
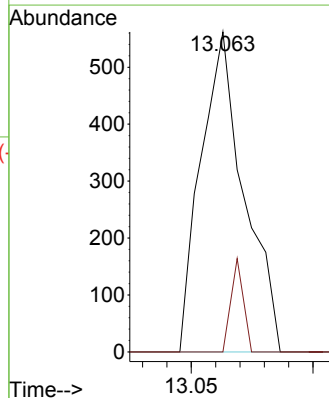
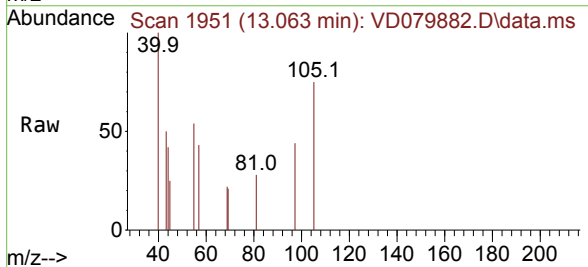
Instrument :
 MSVOA_D
 ClientSampleId :

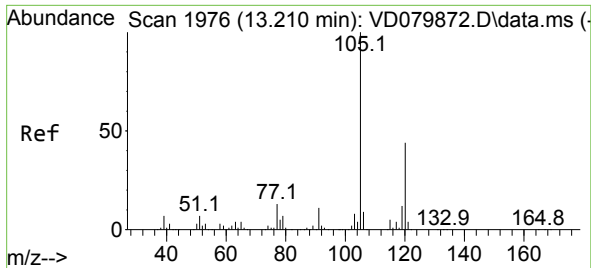
Tgt Ion: 75 Resp: 2970
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.1 37.7
 110 2.8 30.1 45.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.328 ug/L
 RT: 13.063 min Scan# 1951
 Delta R.T. 0.159 min
 Lab File: VD079882.D
 Acq: 24 Sep 2024 17:39

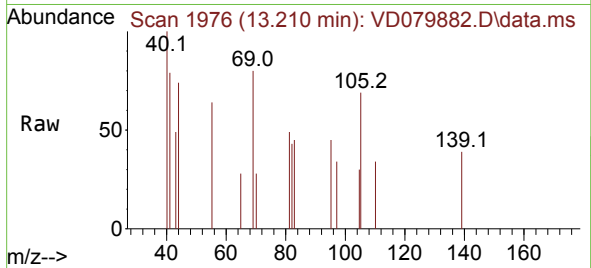
Tgt Ion: 105 Resp: 694
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.3 57.5#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.195 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD079882.D
 Acq: 24 Sep 2024 17:39

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:105 Resp: 432
 Ion Ratio Lower Upper
 105 100
 120 0.0 36.3 54.5#

