

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
 Data File : VD079877.D
 Acq On : 24 Sep 2024 15:22
 Operator : RP/MD
 Sample : P4162-03
 Misc : 5.38G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 01:23:35 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)

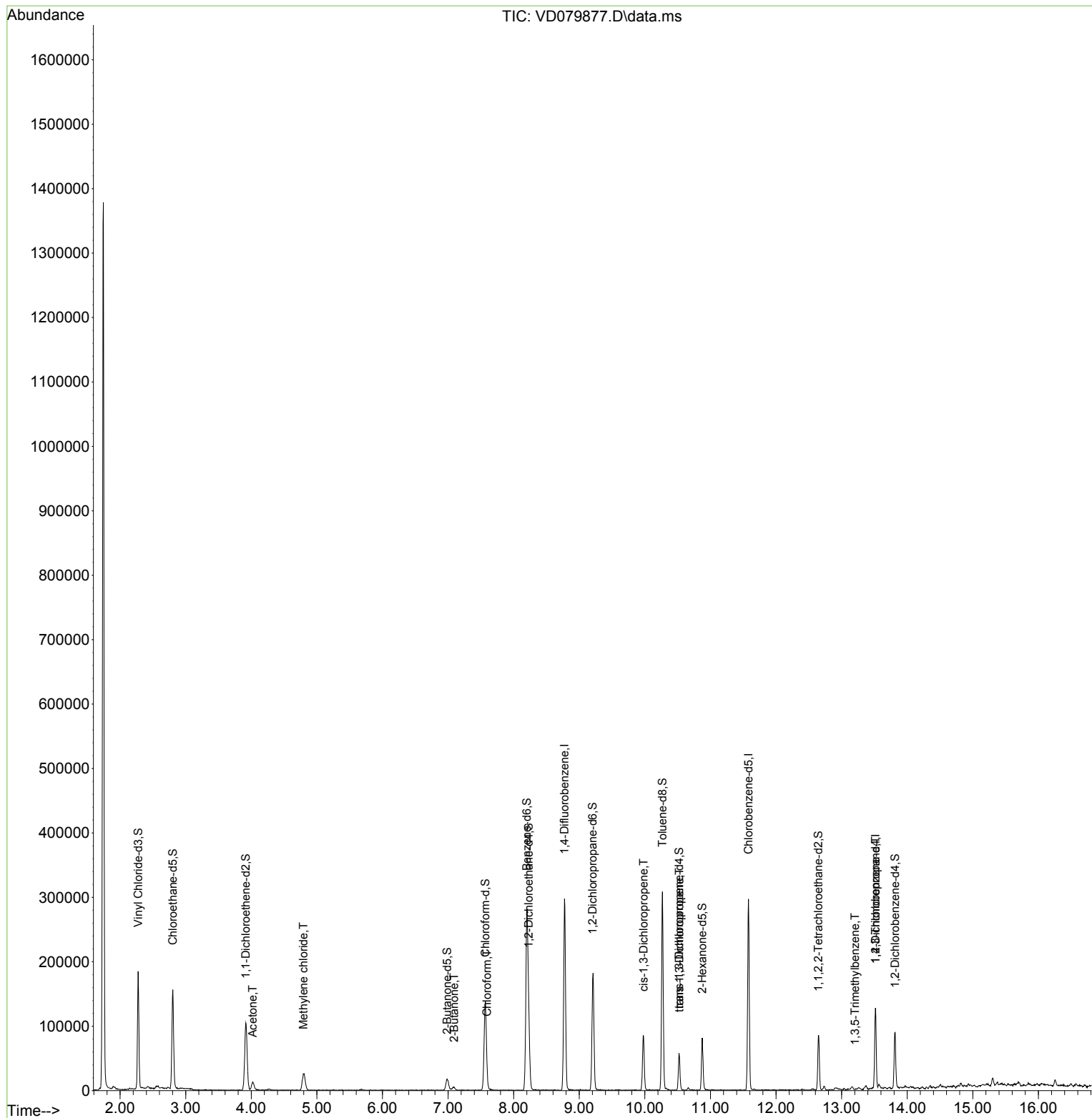
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	248704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	163333	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	31471	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	166964	15.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.760%
7) Chloroethane-d5	2.805	69	159235	18.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	3.916	65	30672	15.621	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.480%
21) 2-Butanone-d5	6.987	46	32506	32.351	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.700%
24) Chloroform-d	7.569	84	142189	17.393	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.560%
26) 1,2-Dichloroethane-d4	8.228	65	74165	17.349	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.400%#
32) Benzene-d6	8.199	84	285515	24.760	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.040%
36) 1,2-Dichloropropane-d6	9.204	67	91593	25.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	10.269	98	204366	20.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.560%
43) trans-1,3-Dichloroprop...	10.522	79	31871	20.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.960%
47) 2-Hexanone-d5	10.875	63	25432	44.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.360%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	43501	16.762	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	23131	19.490	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.960%
Target Compounds						Qvalue
13) Acetone	4.022	43	20980	17.126	ug/L	79
16) Methylene chloride	4.793	84	18609	3.787	ug/L	97
22) 2-Butanone	7.093	43	8414	5.855	ug/L	100
25) Chloroform	7.593	83	4184	0.503	ug/L	88
39) cis-1,3-Dichloropropene	9.981	75	2641	0.567	ug/L	86
44) trans-1,3-Dichloropropene	10.528	75	1686	0.411	ug/L	93
61) 1,2,3-Trichloropropane	13.516	75	4896	6.329	ug/L #	69
62) 1,3,5-Trimethylbenzene	13.204	105	407	0.102	ug/L #	29

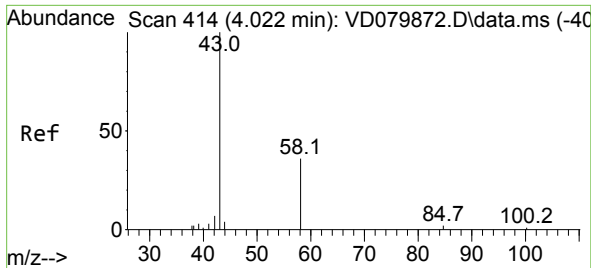
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 17.126 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079877.D

Acq: 24 Sep 2024 15:22

Instrument :

MSVOA_D

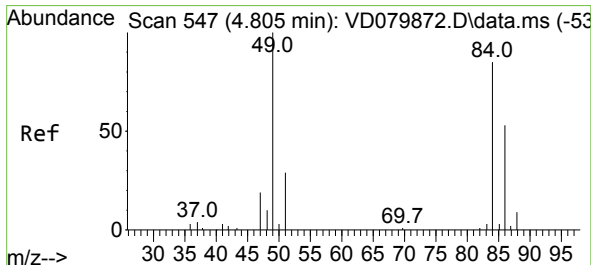
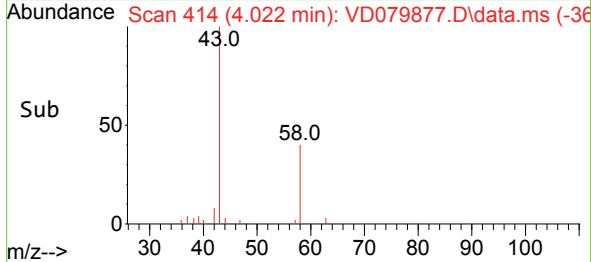
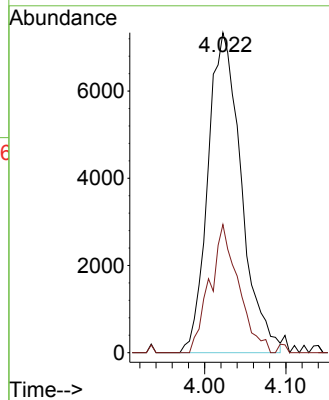
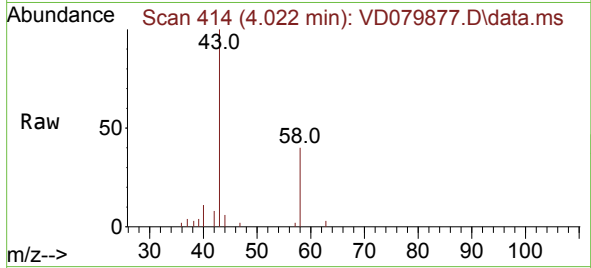
ClientSampleId :

Tgt Ion: 43 Resp: 20980

Ion Ratio Lower Upper

43 100

58 25.5 0.0 75.8



#16

Methylene chloride

Concen: 3.787 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD079877.D

Acq: 24 Sep 2024 15:22

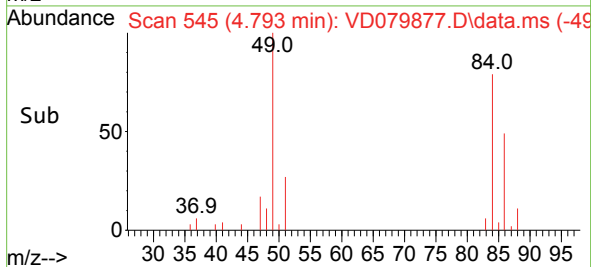
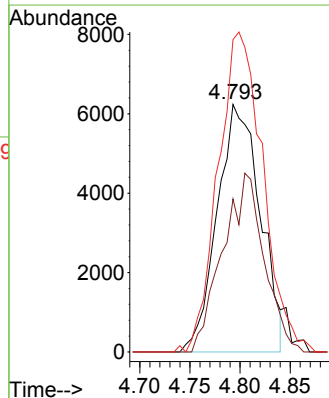
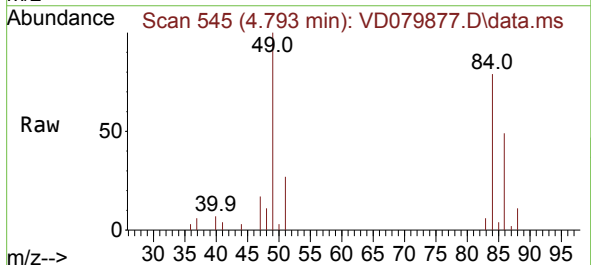
Tgt Ion: 84 Resp: 18609

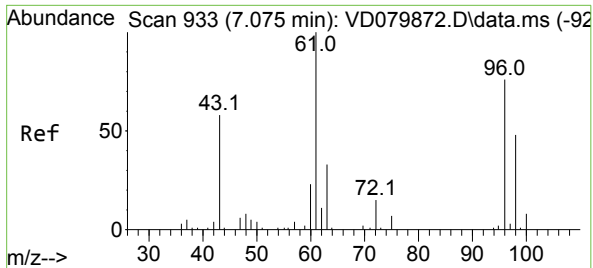
Ion Ratio Lower Upper

84 100

86 61.8 41.0 76.2

49 126.1 90.0 167.2

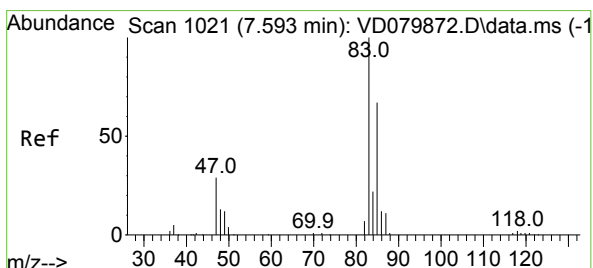
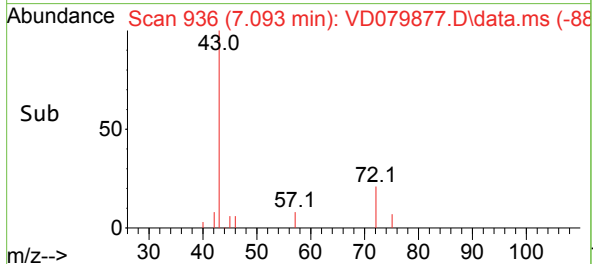
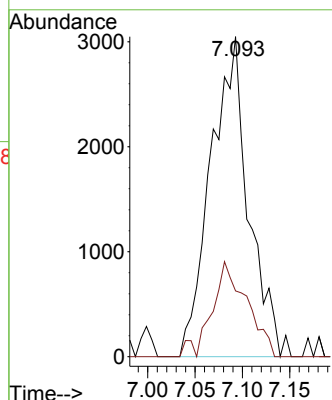
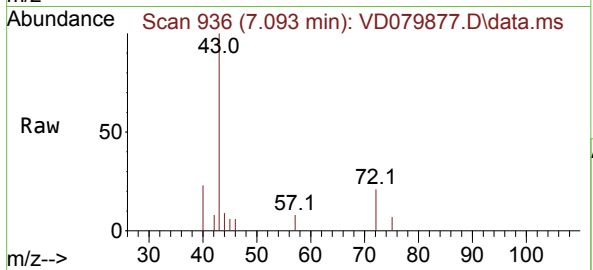




#22
2-Butanone
Concen: 5.855 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD079877.D
Acq: 24 Sep 2024 15:22

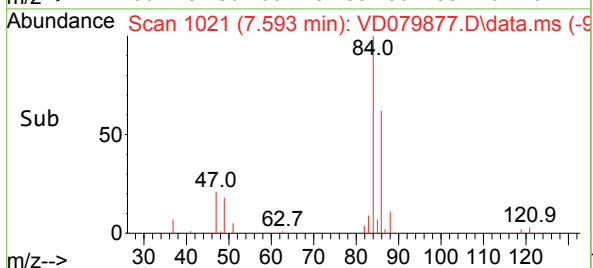
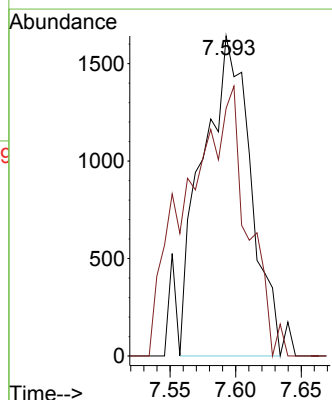
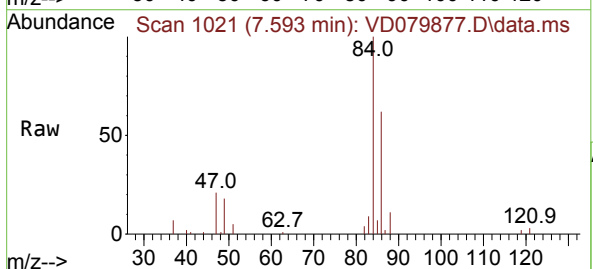
Instrument :
MSVOA_D
ClientSampleId :

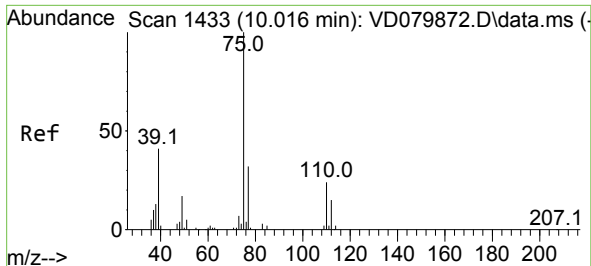
Tgt Ion: 43 Resp: 8414
Ion Ratio Lower Upper
43 100
72 26.4 13.1 39.3



#25
Chloroform
Concen: 0.503 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079877.D
Acq: 24 Sep 2024 15:22

Tgt Ion: 83 Resp: 4184
Ion Ratio Lower Upper
83 100
85 77.4 47.3 87.9





#39

cis-1,3-Dichloropropene

Concen: 0.567 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD079877.D

Acq: 24 Sep 2024 15:22

Instrument :

MSVOA_D

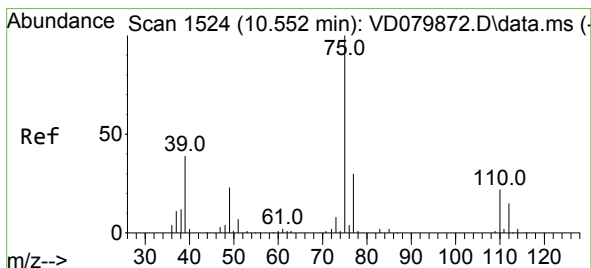
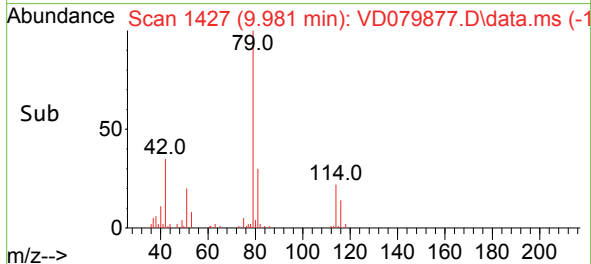
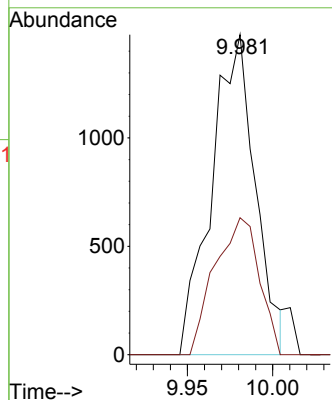
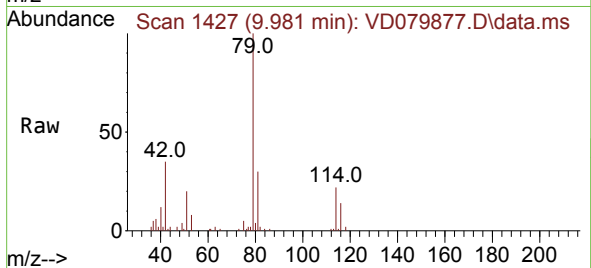
ClientSampleId :

Tgt Ion: 75 Resp: 2641

Ion Ratio Lower Upper

75 100

77 42.8 24.1 44.8



#44

trans-1,3-Dichloropropene

Concen: 0.411 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD079877.D

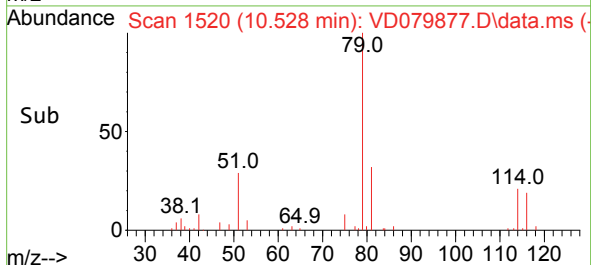
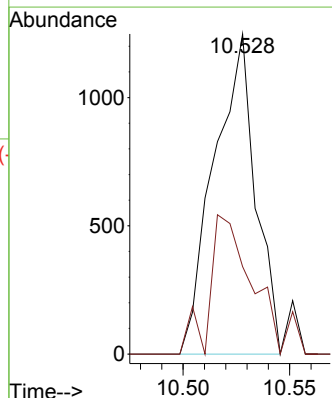
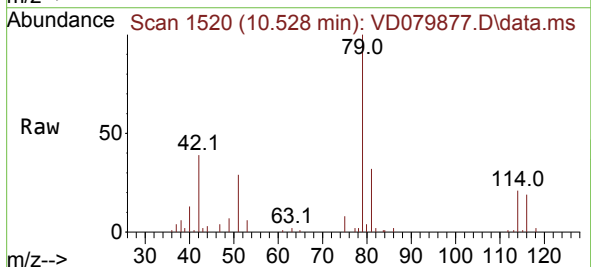
Acq: 24 Sep 2024 15:22

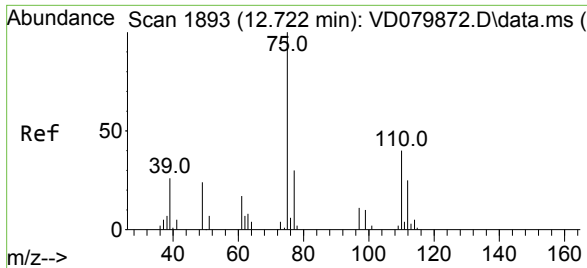
Tgt Ion: 75 Resp: 1686

Ion Ratio Lower Upper

75 100

77 27.3 21.8 40.4

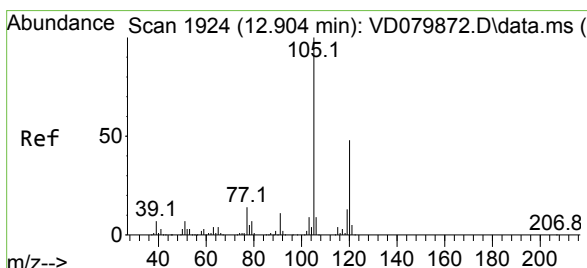
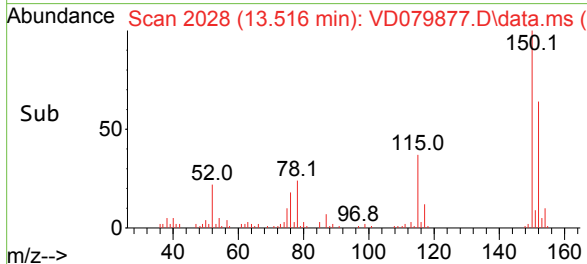
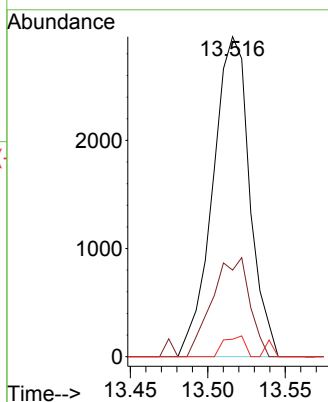
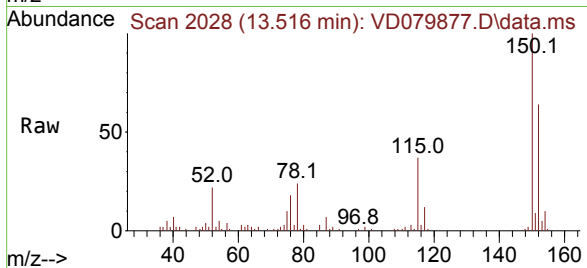




#61
 1,2,3-Trichloropropane
 Concen: 6.329 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD079877.D
 Acq: 24 Sep 2024 15:22

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 4896
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7
 110 3.7 30.1 45.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.102 ug/L
 RT: 13.204 min Scan# 1975
 Delta R.T. 0.300 min
 Lab File: VD079877.D
 Acq: 24 Sep 2024 15:22

Tgt Ion: 105 Resp: 407
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.3 57.5#

