

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120924\
 Data File : VD080115.D
 Acq On : 09 Dec 2024 13:47
 Operator : RP/MD
 Sample : VD1209SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 00:28:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 00:27:23 2024
 Response via : Initial Calibration

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

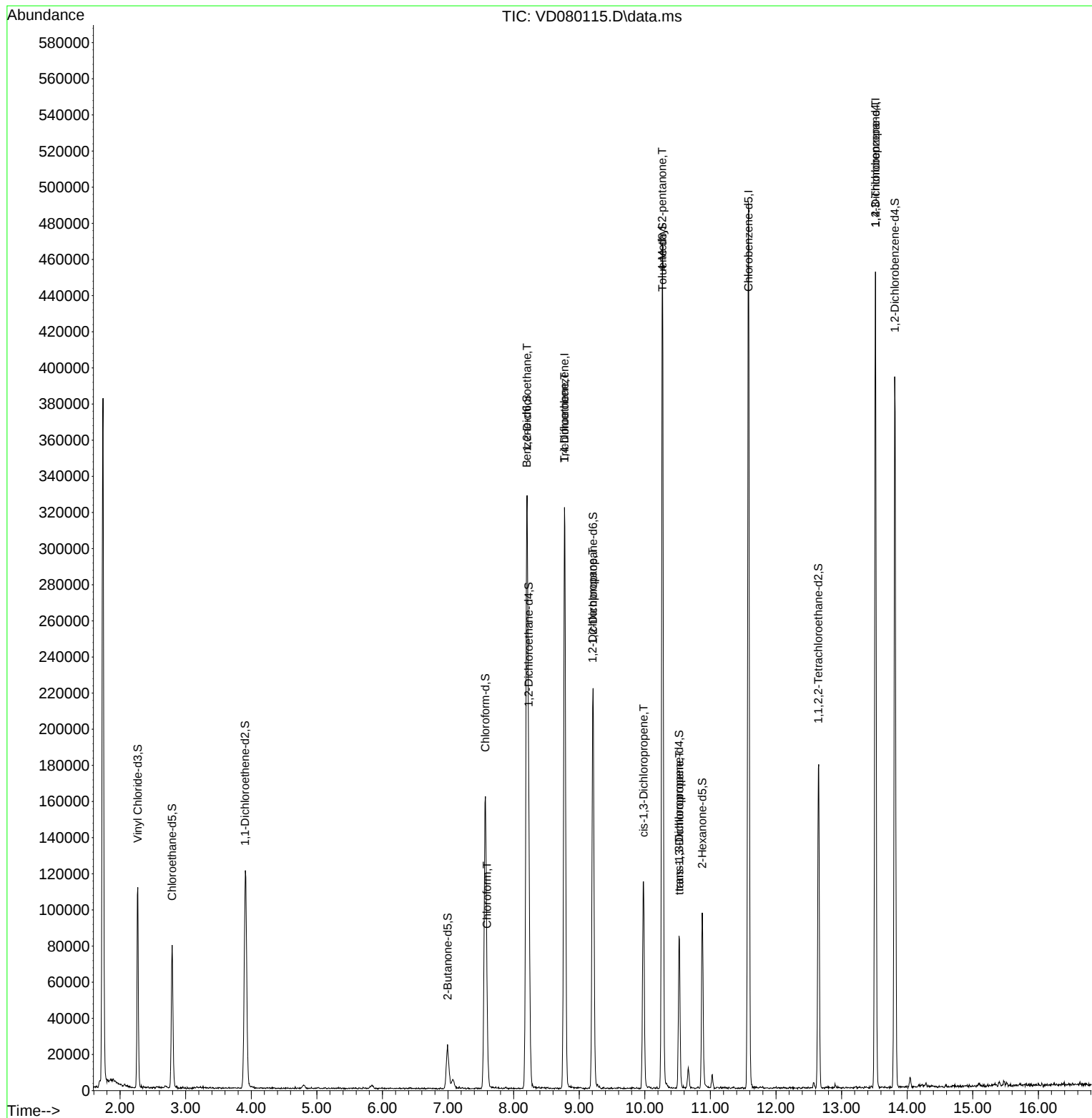
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	294185	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290478	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	126356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	100328	19.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.560%
7) Chloroethane-d5	2.793	69	81773	20.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	3.905	65	35008	18.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.480%
21) 2-Butanone-d5	6.993	46	39245	44.554	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.100%
24) Chloroform-d	7.569	84	170476	21.294	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.160%
26) 1,2-Dichloroethane-d4	8.228	65	95044	22.569	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	8.199	84	350259	20.935	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.760%
36) 1,2-Dichloropropane-d6	9.210	67	115186	21.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.640%
41) Toluene-d8	10.269	98	329722	21.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	10.522	79	49507	22.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.000%
47) 2-Hexanone-d5	10.875	63	32917	43.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.820%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	94917	22.391	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	13.810	152	114465	25.871	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.480%
Target Compounds						Qvalue
25) Chloroform	7.593	83	15833	1.789	ug/L	98
27) 1,2-Dichloroethane	8.205	62	1859	0.361	ug/L #	74
34) Trichloroethene	8.775	95	8157	1.670	ug/L #	3
37) 1,2-Dichloropropane	9.205	63	11839	2.381	ug/L #	86
39) cis-1,3-Dichloropropene	9.981	75	2846	0.380	ug/L	88
40) 4-Methyl-2-pentanone	10.263	43	1224	0.481	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	2418	0.382	ug/L #	72
61) 1,2,3-Trichloropropane	13.516	75	14059	5.562	ug/L #	68

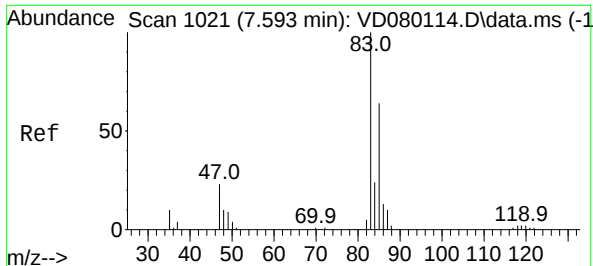
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Time: Dec 10 00:28:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 10 00:27:23 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 1.789 ug/L

RT: 7.593 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080115.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_D

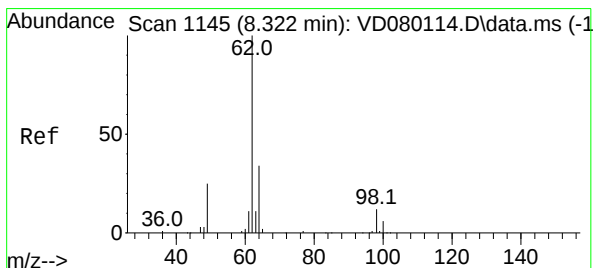
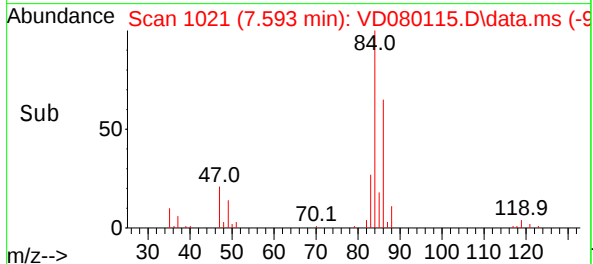
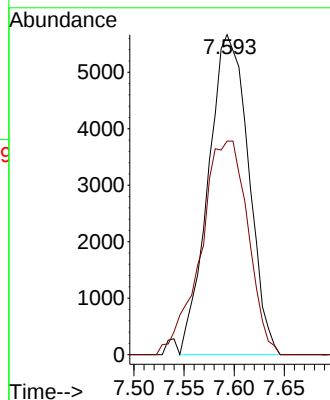
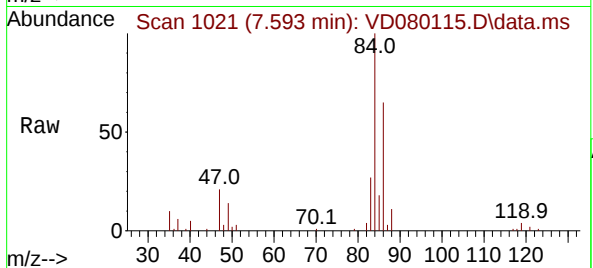
ClientSampleId :

Tgt Ion: 83 Resp: 15833

Ion Ratio Lower Upper

83 100

85 66.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 0.361 ug/L

RT: 8.205 min Scan# 1125

Delta R.T. -0.118 min

Lab File: VD080115.D

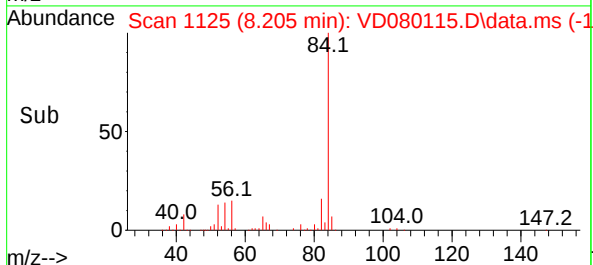
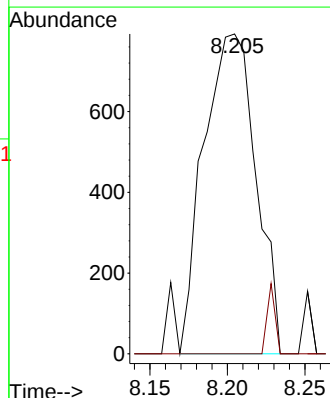
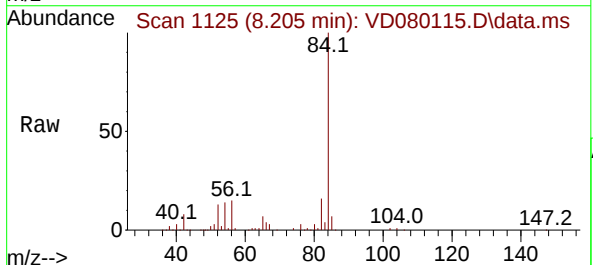
Acq: 09 Dec 2024 13:47

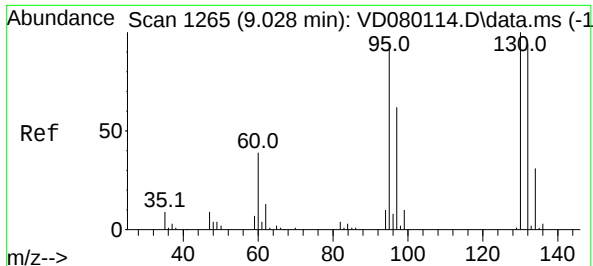
Tgt Ion: 62 Resp: 1859

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 1.670 ug/L

RT: 8.775 min Scan# 1295

Delta R.T. -0.253 min

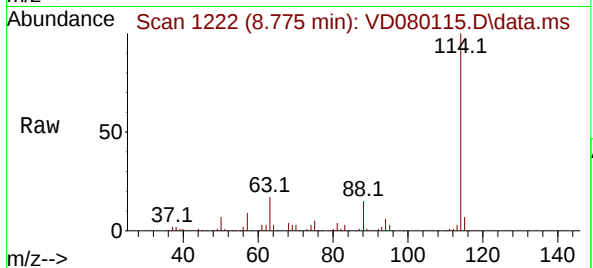
Lab File: VD080115.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 8157

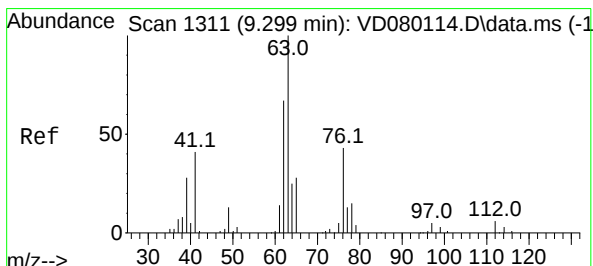
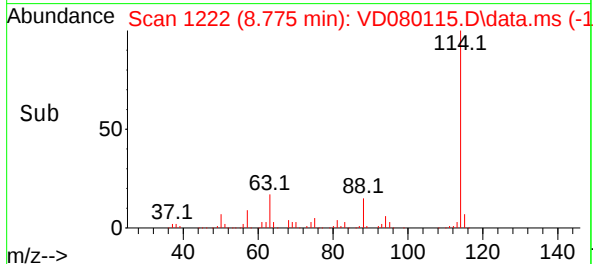
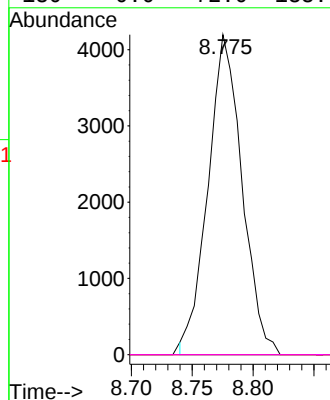
Ion Ratio Lower Upper

95 100

97 0.0 47.7 88.5#

132 0.0 72.8 135.2#

130 0.0 72.0 133.6#



#37

1,2-Dichloropropane

Concen: 2.381 ug/L

RT: 9.205 min Scan# 1295

Delta R.T. -0.094 min

Lab File: VD080115.D

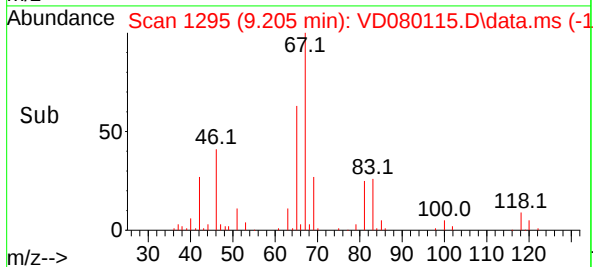
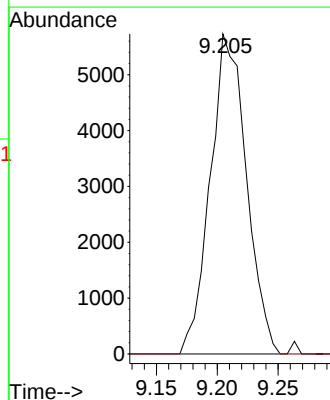
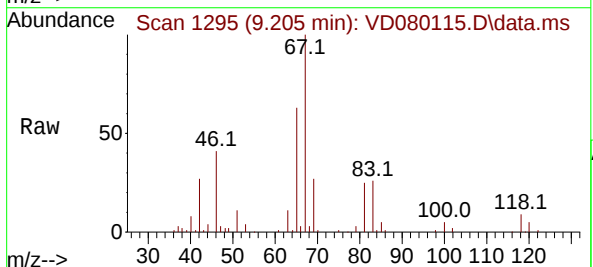
Acq: 09 Dec 2024 13:47

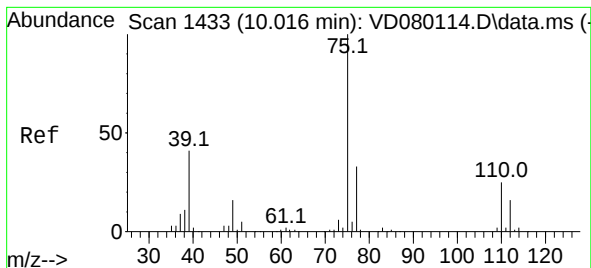
Tgt Ion: 63 Resp: 11839

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.380 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD080115.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_D

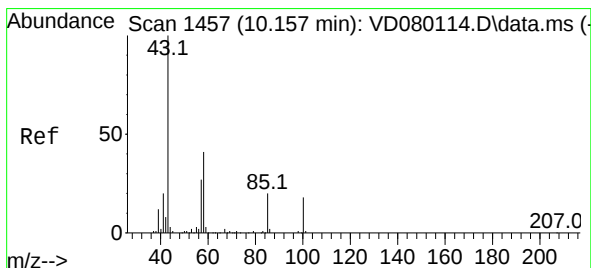
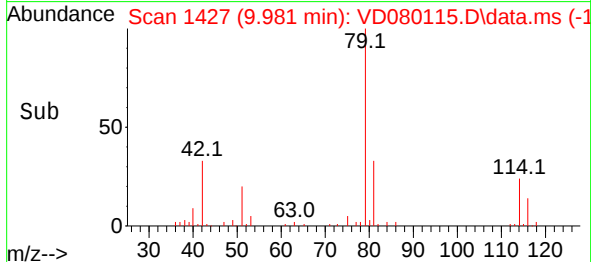
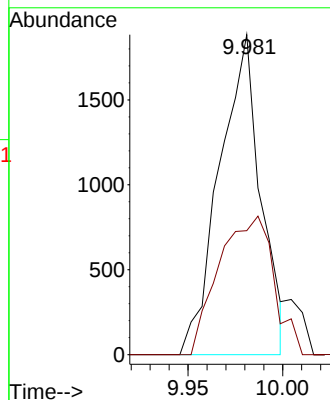
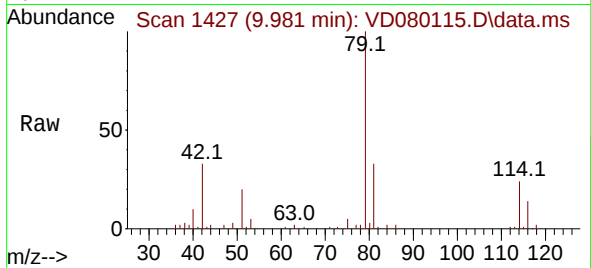
ClientSampleId :

Tgt Ion: 75 Resp: 2846

Ion Ratio Lower Upper

75 100

77 38.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 0.481 ug/L

RT: 10.263 min Scan# 1475

Delta R.T. 0.106 min

Lab File: VD080115.D

Acq: 09 Dec 2024 13:47

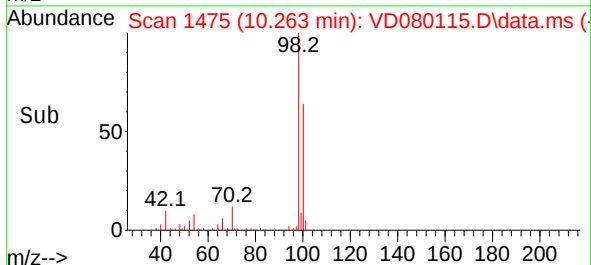
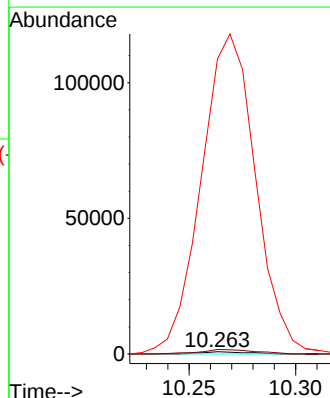
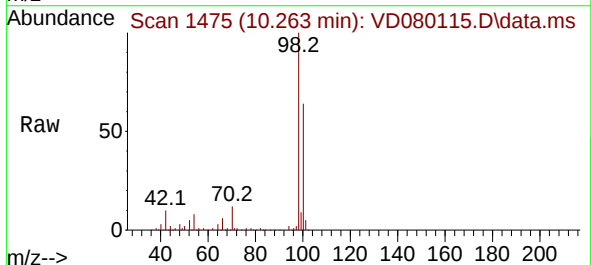
Tgt Ion: 43 Resp: 1224

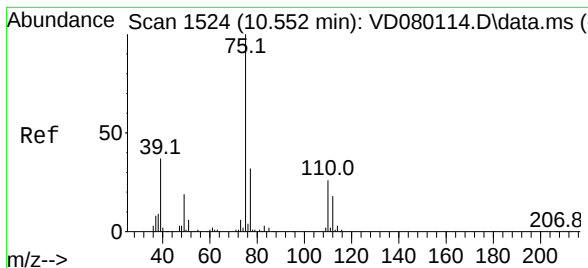
Ion Ratio Lower Upper

43 100

58 241.7 31.5 47.3#

100 17194.2 12.7 19.1#

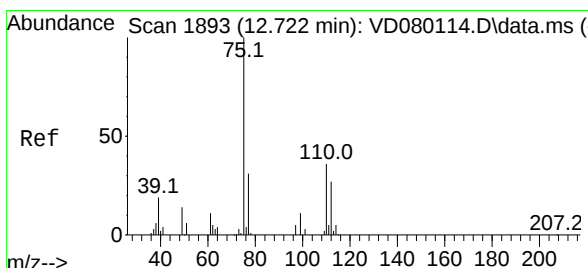
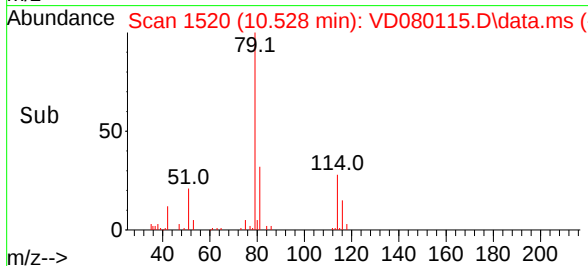
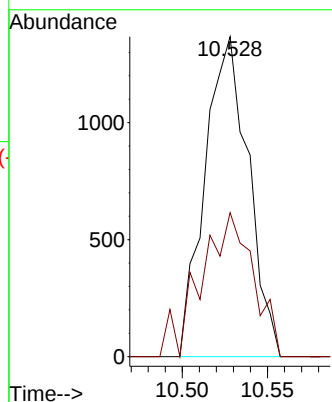
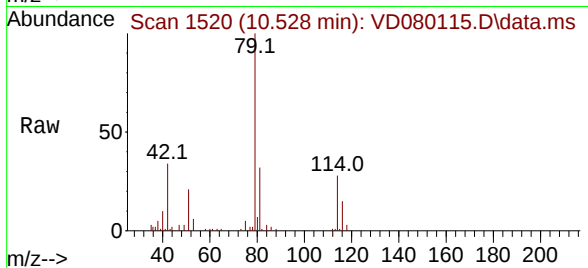




#44
trans-1,3-Dichloropropene
Concen: 0.382 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD080115.D
Acq: 09 Dec 2024 13:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2418
Ion Ratio Lower Upper
75 100
77 45.0 21.0 39.0#



#61
1,2,3-Trichloropropane
Concen: 5.562 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD080115.D
Acq: 09 Dec 2024 13:47

Tgt Ion: 75 Resp: 14059
Ion Ratio Lower Upper
75 100
77 33.5 26.3 39.5
110 2.0 30.2 45.2#

