

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077944.D
 Acq On : 18 Dec 2023 13:14
 Operator : RP/MD
 Sample : VD1218SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:17:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

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

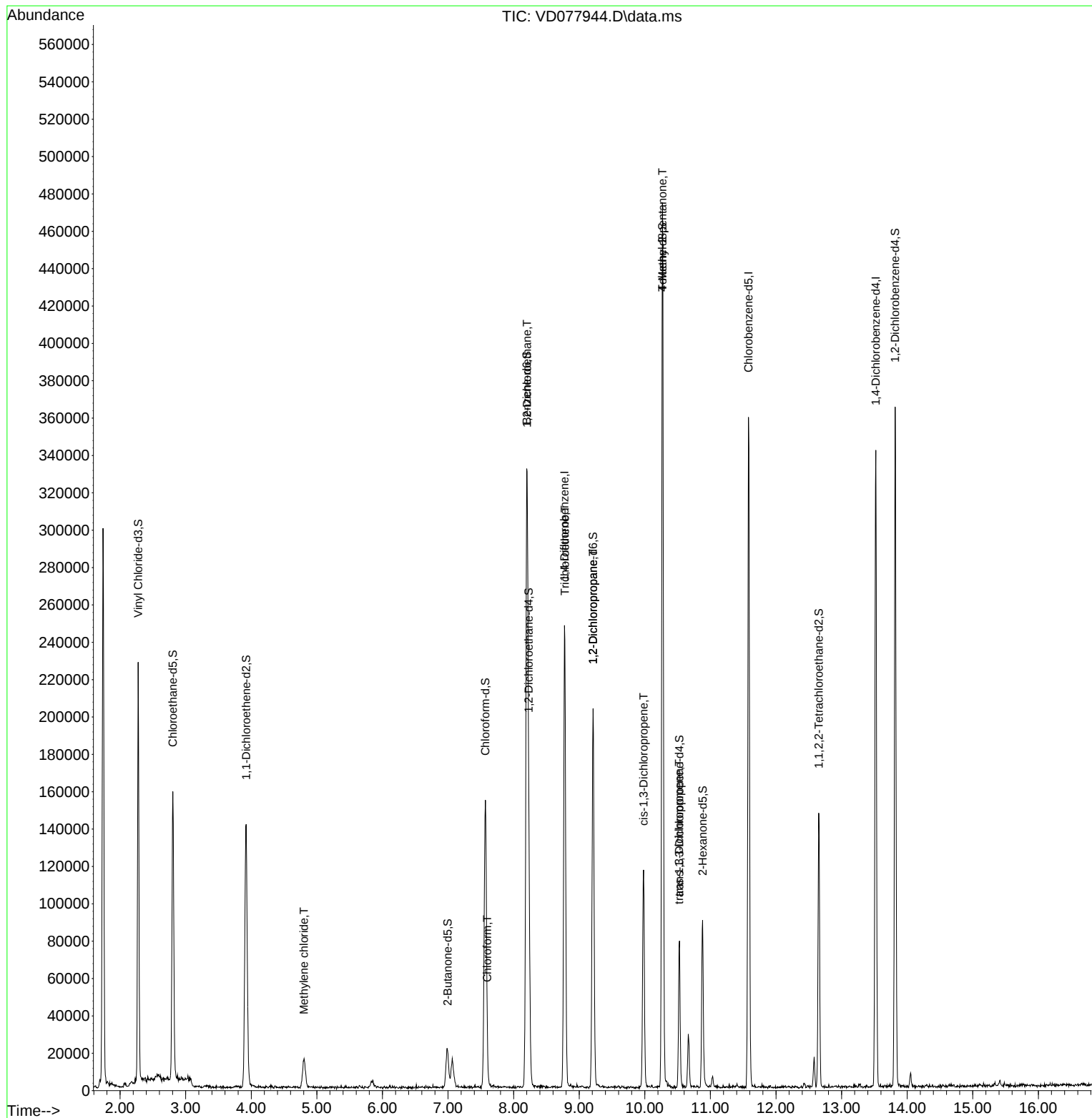
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	227118	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	214479	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	95624	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	201331	32.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.040%
7) Chloroethane-d5	2.805	69	166749	33.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.120%
11) 1,1-Dichloroethene-d2	3.922	65	40392	25.152	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.600%
21) 2-Butanone-d5	6.993	46	34893	44.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.160%
24) Chloroform-d	7.569	84	164416	26.860	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.440%
26) 1,2-Dichloroethane-d4	8.228	65	83903	27.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	8.199	84	358443	27.749	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.000%
36) 1,2-Dichloropropane-d6	9.210	67	102074	25.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	10.269	98	331810	27.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.640%
43) trans-1,3-Dichloroprop...	10.528	79	42622	24.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.840%
47) 2-Hexanone-d5	10.881	63	32292	47.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76040	26.699	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	95474	27.909	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.640%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	11598	2.876	ug/L	95
25) Chloroform	7.599	83	3497	0.585	ug/L	89
27) 1,2-Dichloroethane	8.205	62	2116	0.566	ug/L #	72
34) Trichloroethene	8.781	95	6711	1.937	ug/L #	5
37) 1,2-Dichloropropane	9.210	63	11145	3.062	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	3244	0.571	ug/L #	51
40) 4-Methyl-2-pentanone	10.269	43	1441	0.717	ug/L #	1
44) trans-1,3-Dichloropropene	10.522	75	2271	0.478	ug/L	95

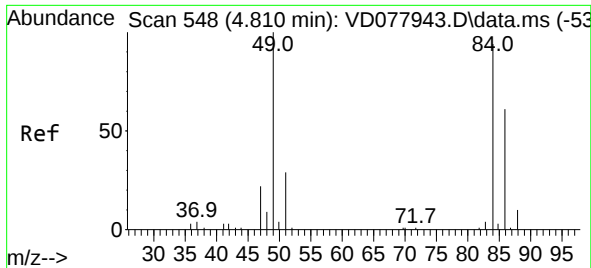
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

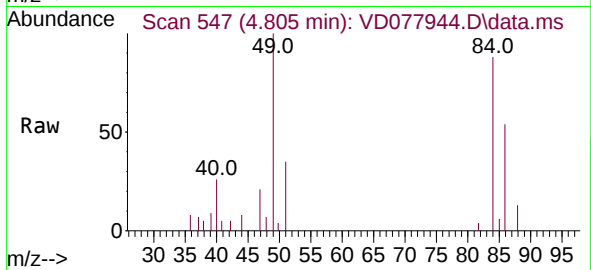
Quant Time: Dec 18 23:17:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration



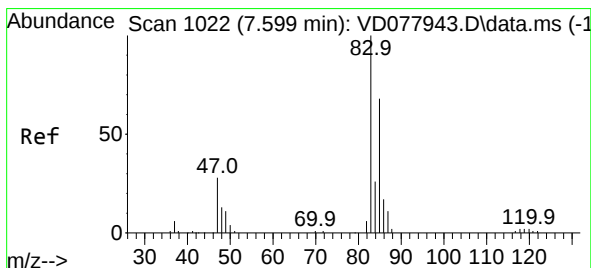
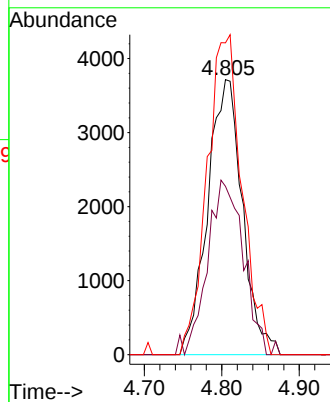
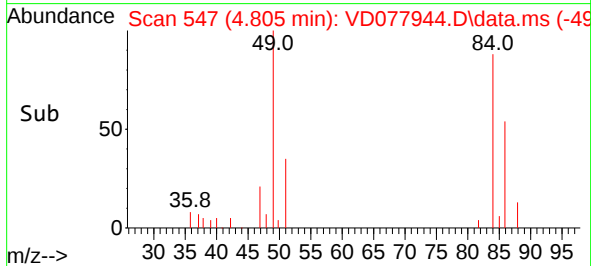


#16
Methylene chloride
Concen: 2.876 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077944.D
Acq: 18 Dec 2023 13:14

Instrument :
MSVOA_D
ClientSampleId :

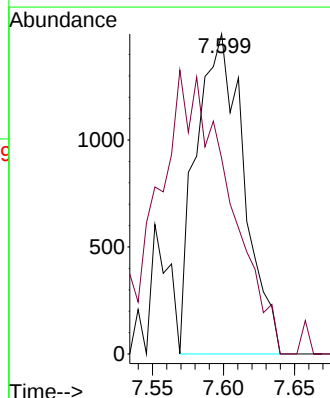
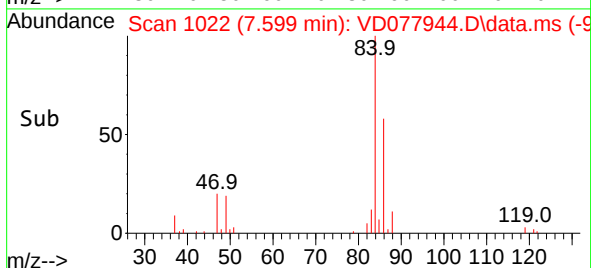
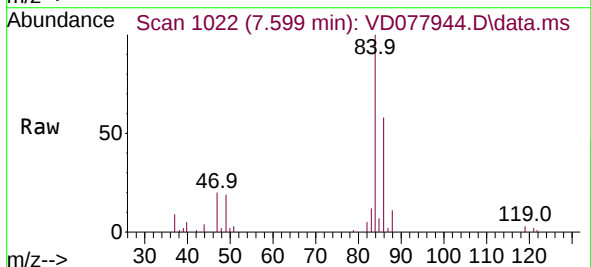


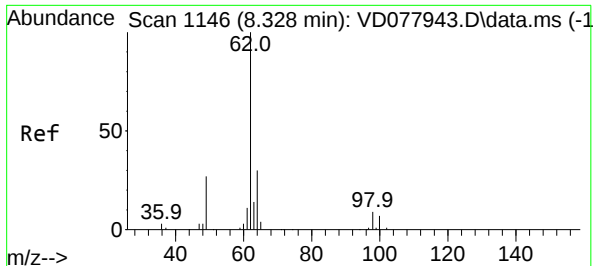
Tgt Ion: 84 Resp: 11598
Ion Ratio Lower Upper
84 100
86 61.2 40.1 74.5
49 113.4 83.2 154.6



#25
Chloroform
Concen: 0.585 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD077944.D
Acq: 18 Dec 2023 13:14

Tgt Ion: 83 Resp: 3497
Ion Ratio Lower Upper
83 100
85 61.1 48.9 90.9





#27

1,2-Dichloroethane

Concen: 0.566 ug/L

RT: 8.205 min Scan# 1146

Delta R.T. -0.123 min

Lab File: VD077944.D

Acq: 18 Dec 2023 13:14

Instrument :

MSVOA_D

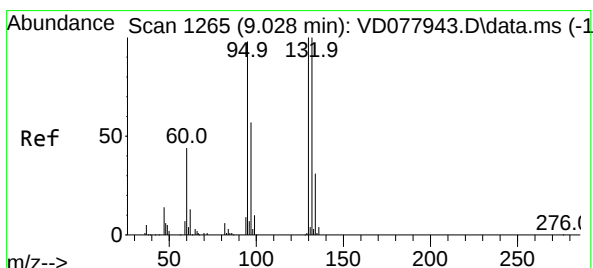
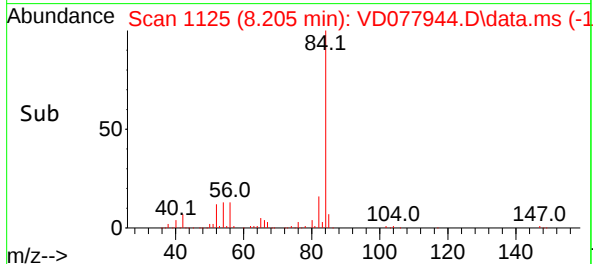
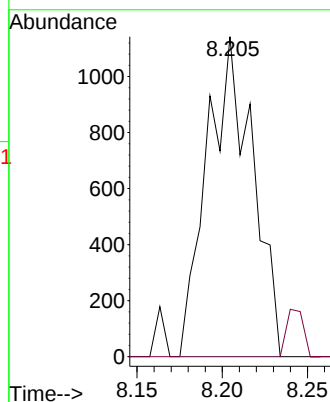
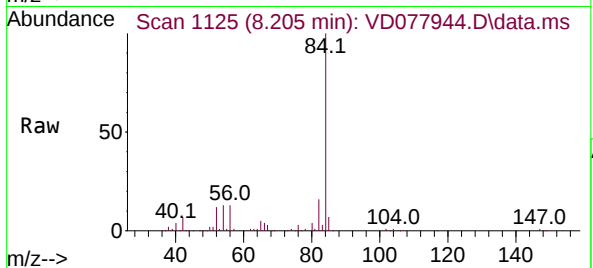
ClientSampleId :

Tgt Ion: 62 Resp: 2116

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#34

Trichloroethene

Concen: 1.937 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD077944.D

Acq: 18 Dec 2023 13:14

Tgt Ion: 95 Resp: 6711

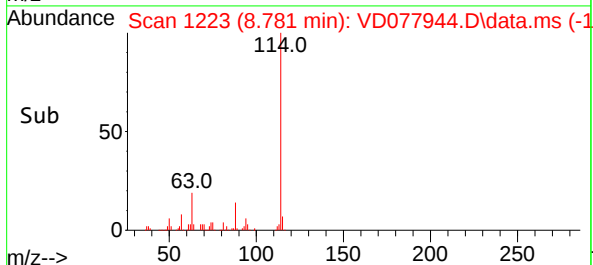
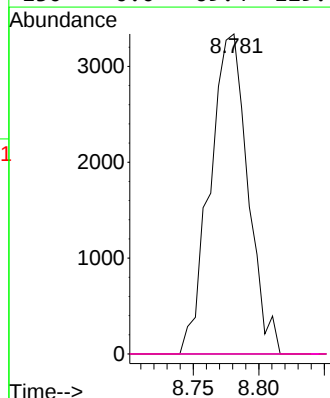
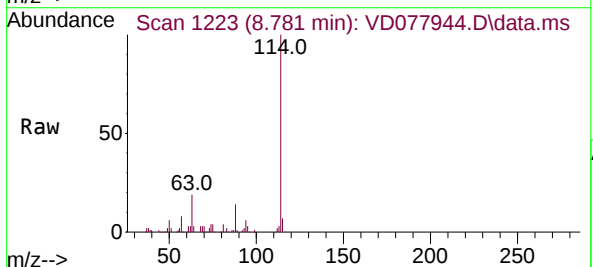
Ion Ratio Lower Upper

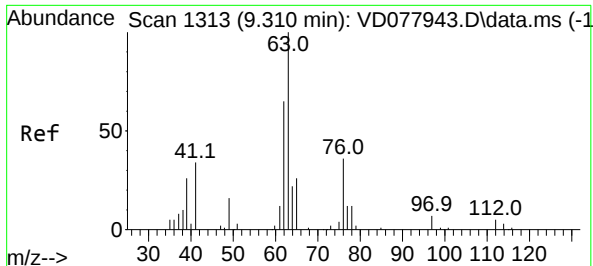
95 100

97 0.0 44.2 82.0#

132 0.0 67.5 125.3#

130 0.0 69.4 129.0#





#37

1,2-Dichloropropane

Concen: 3.062 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD077944.D

Acq: 18 Dec 2023 13:14

Instrument :

MSVOA_D

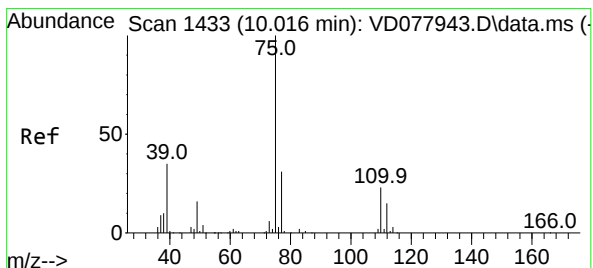
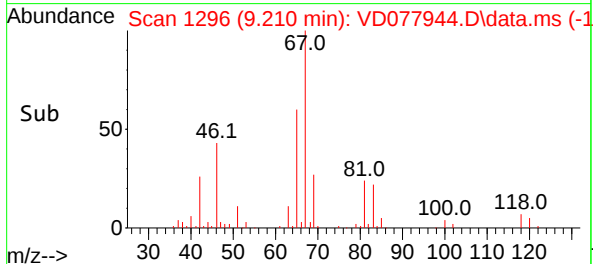
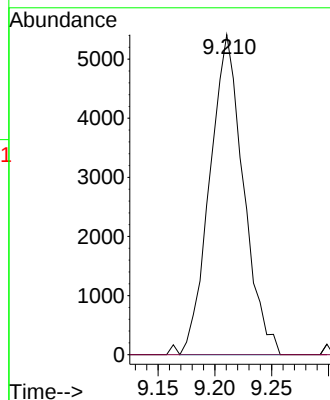
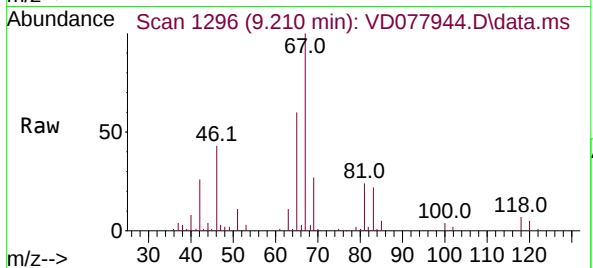
ClientSampleId :

Tgt Ion: 63 Resp: 11145

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.571 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD077944.D

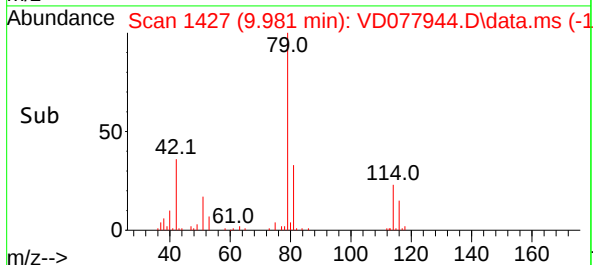
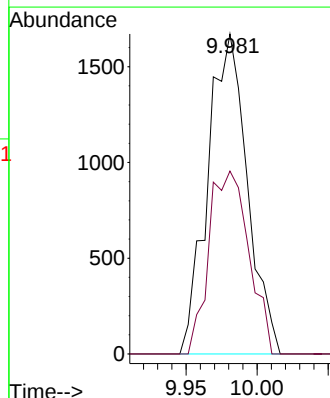
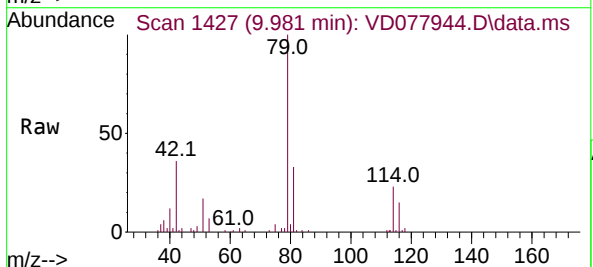
Acq: 18 Dec 2023 13:14

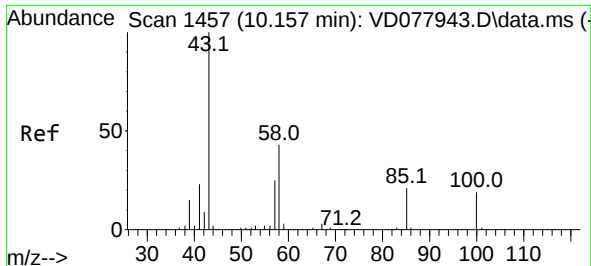
Tgt Ion: 75 Resp: 3244

Ion Ratio Lower Upper

75 100

77 57.2 21.2 39.4#





#40

4-Methyl-2-pentanone

Concen: 0.717 ug/L

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

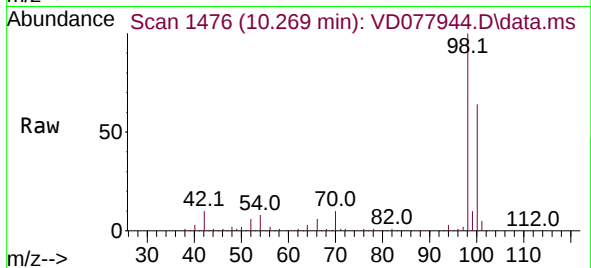
Lab File: VD077944.D

Acq: 18 Dec 2023 13:14

Instrument :

MSVOA_D

ClientSampleId :



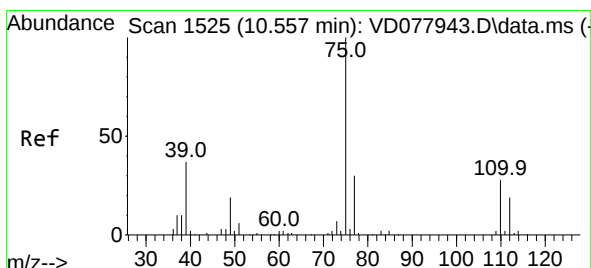
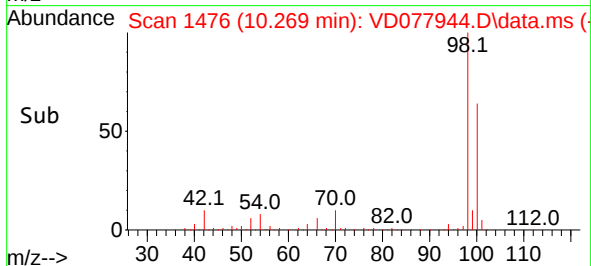
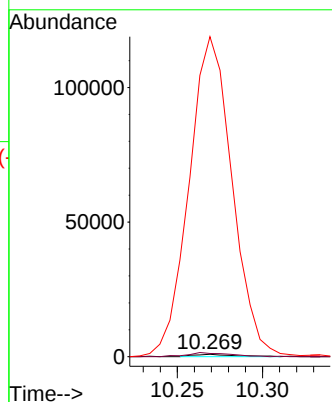
Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

43 100

58 179.0 31.0 46.4#

100 14574.3 11.9 17.9#



#44

trans-1,3-Dichloropropene

Concen: 0.478 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.035 min

Lab File: VD077944.D

Acq: 18 Dec 2023 13:14

Tgt Ion: 75 Resp: 2271

Ion Ratio Lower Upper

75 100

77 28.9 22.0 40.8

