

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077954.D
 Acq On : 18 Dec 2023 18:20
 Operator : RP/MD
 Sample : 05808-15
 Misc : 4.91G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:19:21 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)

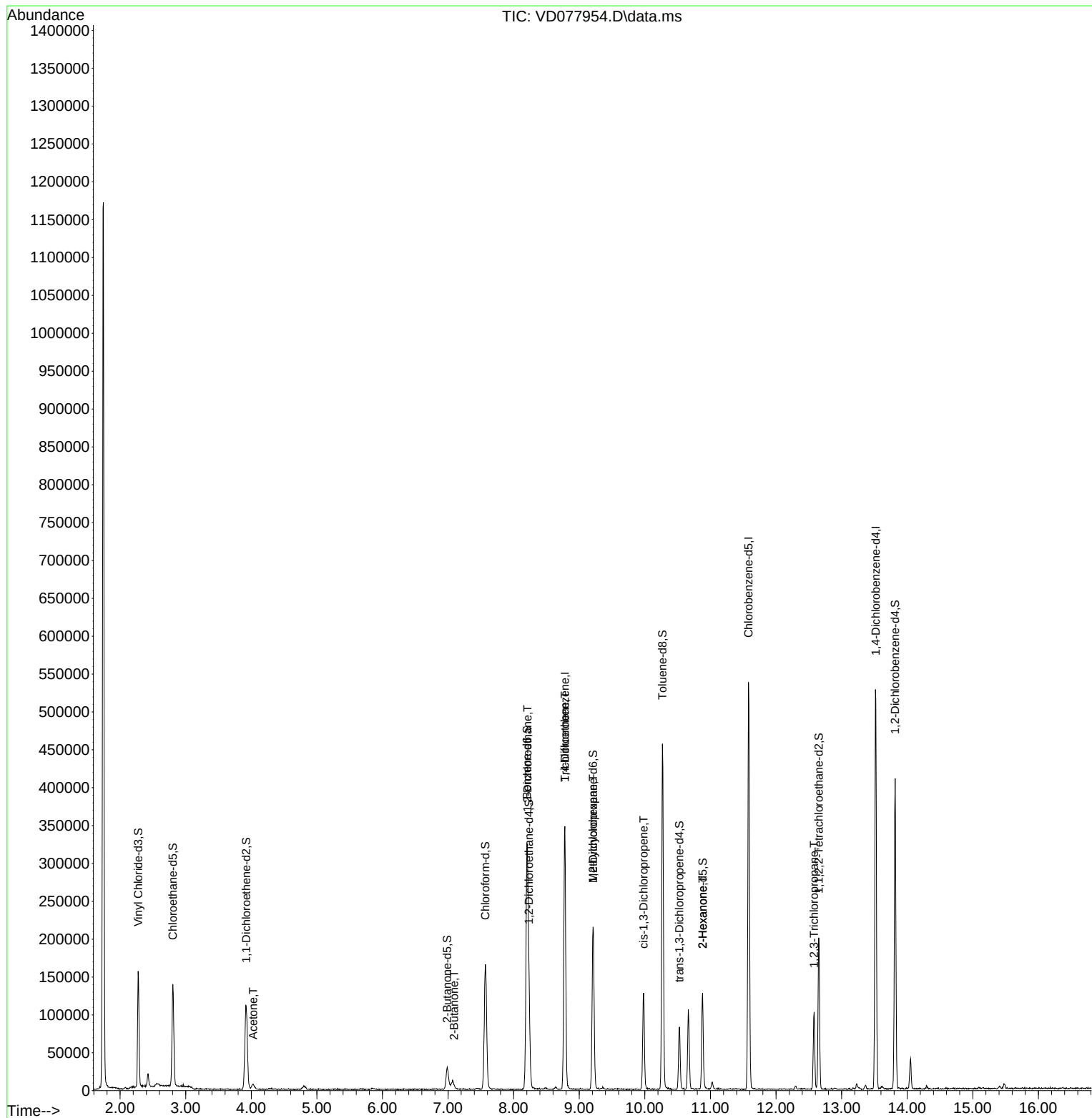
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	312601	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	312649	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143759	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	145028	17.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.040%
7) Chloroethane-d5	2.805	69	142975	21.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	3.922	65	32907	14.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.560%
21) 2-Butanone-d5	6.987	46	47118	43.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.460%
24) Chloroform-d	7.569	84	174681	20.733	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.920%
26) 1,2-Dichloroethane-d4	8.234	65	93696	21.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	8.204	84	344070	18.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.080%
36) 1,2-Dichloropropane-d6	9.210	67	110227	19.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.760%
41) Toluene-d8	10.269	98	319852	18.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	10.528	79	46733	18.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.560%
47) 2-Hexanone-d5	10.881	63	45657	46.118	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.240%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100338	24.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	110698	21.524	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.080%
Target Compounds	Qvalue					
13) Acetone	4.028	43	10784	7.812	ug/L	84
22) 2-Butanone	7.093	43	1470	0.946	ug/L	96
27) 1,2-Dichloroethane	8.210	62	1882	0.366	ug/L #	72
34) Trichloroethene	8.781	95	9108	1.803	ug/L #	5
35) Methylcyclohexane	9.210	83	25892	2.887	ug/L #	19
39) cis-1,3-Dichloropropene	9.981	75	3545	0.428	ug/L	97
48) 2-Hexanone	10.881	43	5541	2.227	ug/L #	63
61) 1,2,3-Trichloropropane	12.581	75	1041	0.394	ug/L #	59

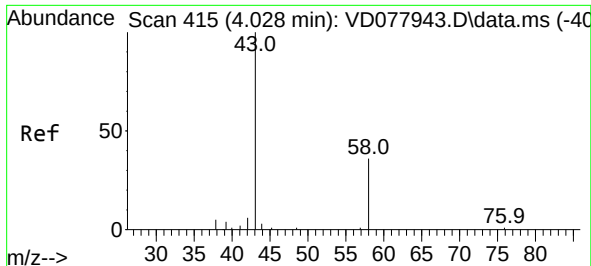
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.812 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD077954.D

Acq: 18 Dec 2023 18:20

Instrument :

MSVOA_D

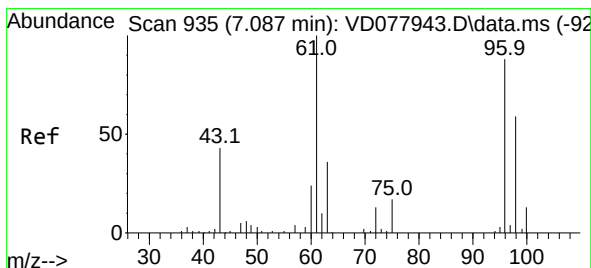
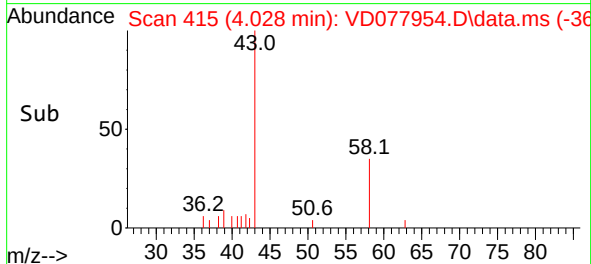
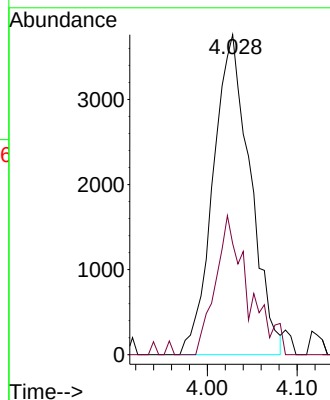
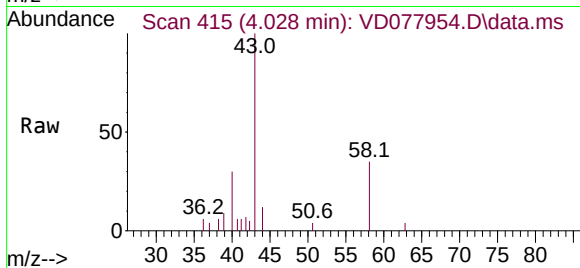
ClientSampleId :

Tgt Ion: 43 Resp: 10784

Ion Ratio Lower Upper

43 100

58 24.6 0.0 67.2



#22

2-Butanone

Concen: 0.946 ug/L

RT: 7.093 min Scan# 936

Delta R.T. 0.006 min

Lab File: VD077954.D

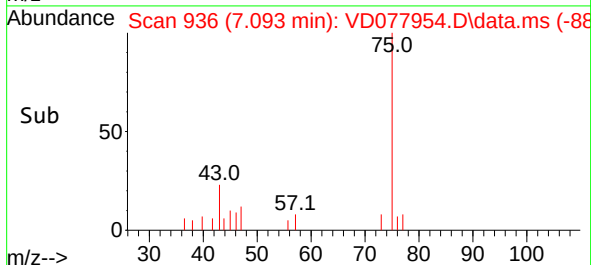
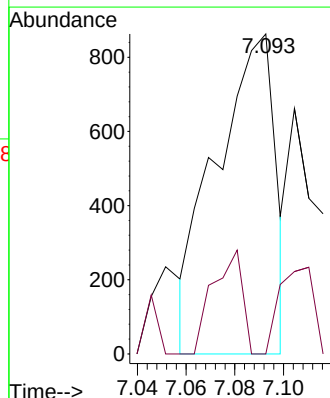
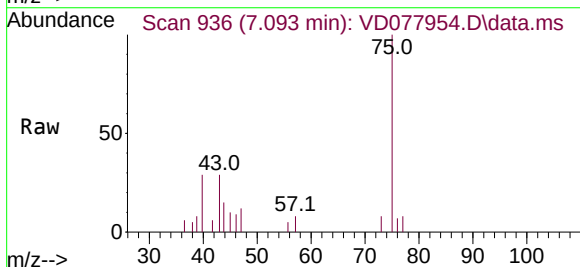
Acq: 18 Dec 2023 18:20

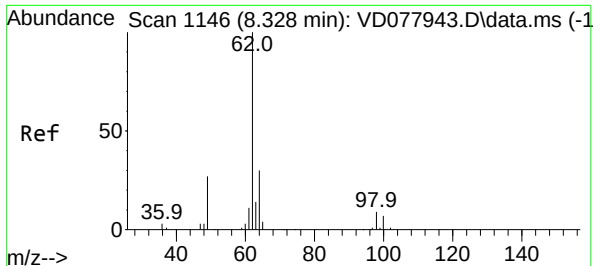
Tgt Ion: 43 Resp: 1470

Ion Ratio Lower Upper

43 100

72 16.1 7.2 21.6





#27

1,2-Dichloroethane

Concen: 0.366 ug/L

RT: 8.210 min Scan# 1146

Delta R.T. -0.118 min

Lab File: VD077954.D

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Instrument :

MSVOA_D

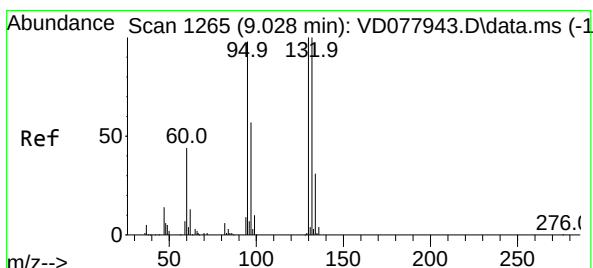
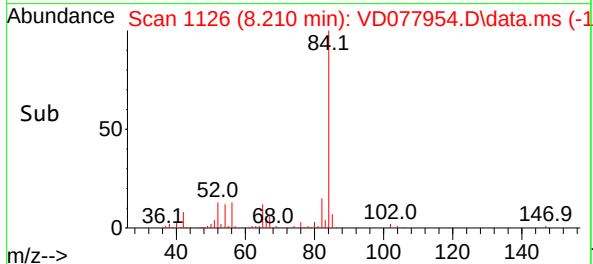
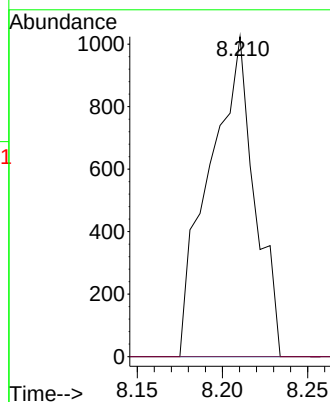
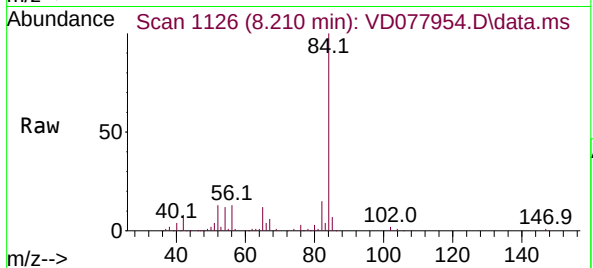
ClientSampleId :

Tgt Ion: 62 Resp: 1882

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#34

Trichloroethene

Concen: 1.803 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD077954.D

Acq: 18 Dec 2023 18:20

Tgt Ion: 95 Resp: 9108

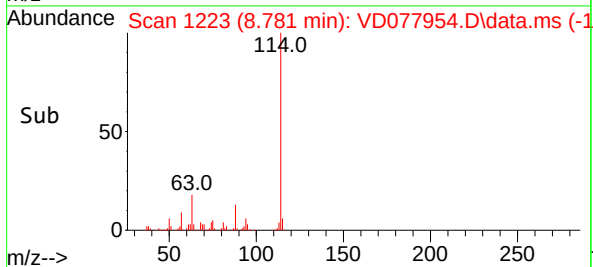
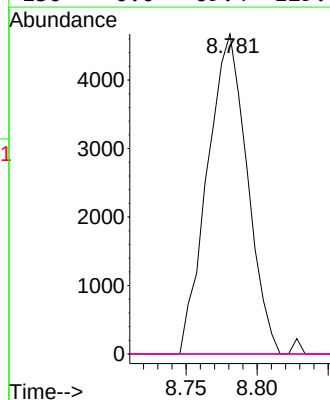
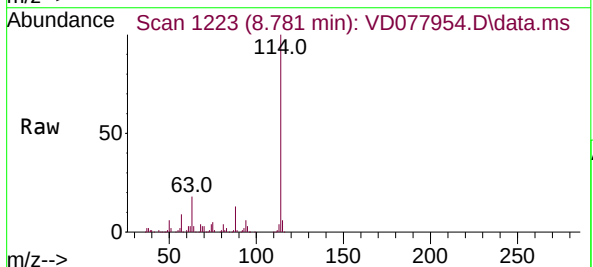
Ion Ratio Lower Upper

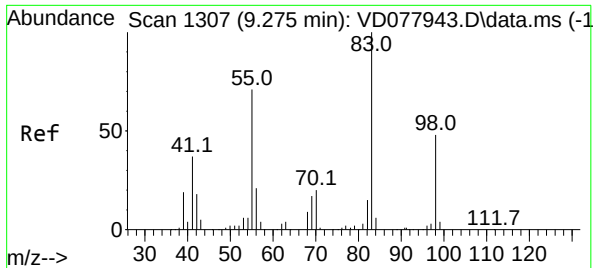
95 100

97 0.0 44.2 82.0#

132 0.0 67.5 125.3#

130 0.0 69.4 129.0#

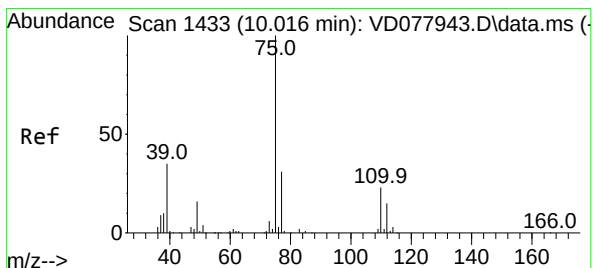
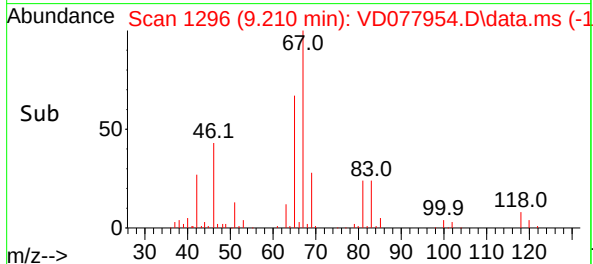
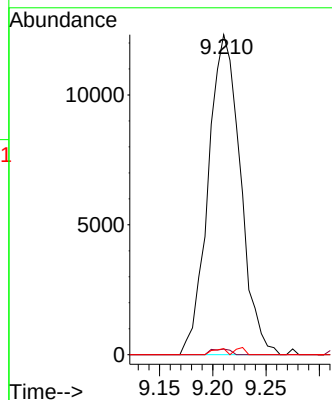
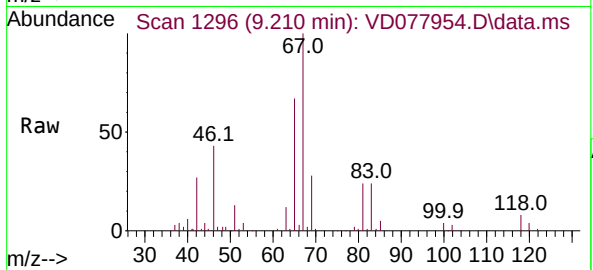




#35
Methylcyclohexane
Concen: 2.887 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.065 min
Lab File: VD077954.D
Acq: 18 Dec 2023 18:20

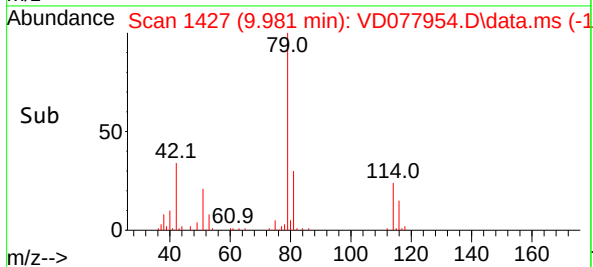
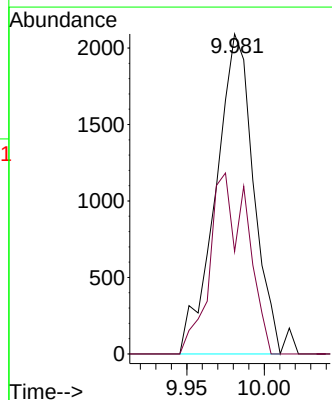
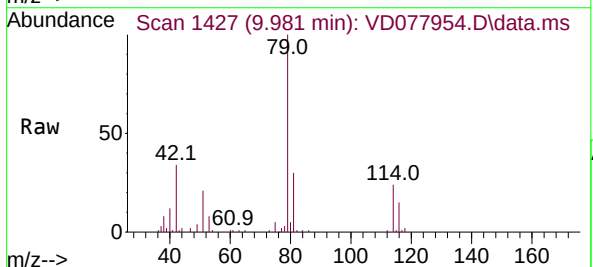
Instrument :
MSVOA_D
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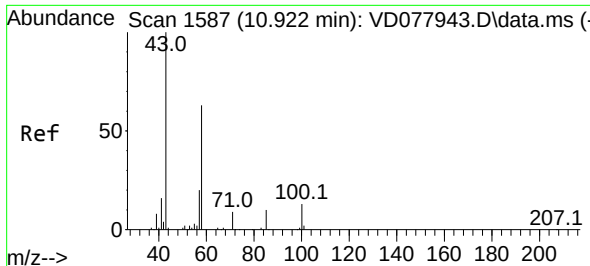
Tgt Ion: 83 Resp: 25892
Ion Ratio Lower Upper
83 100
55 0.5 59.8 89.6#
98 0.8 38.5 57.7#



#39
cis-1,3-Dichloropropene
Concen: 0.428 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077954.D
Acq: 18 Dec 2023 18:20

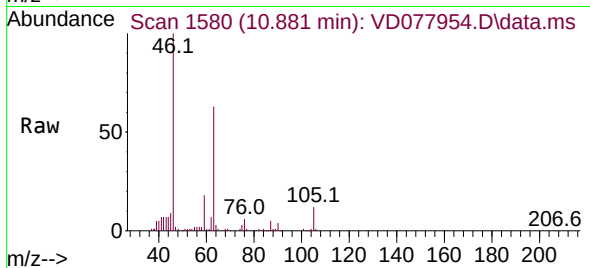
Tgt Ion: 75 Resp: 3545
Ion Ratio Lower Upper
75 100
77 32.0 21.2 39.4



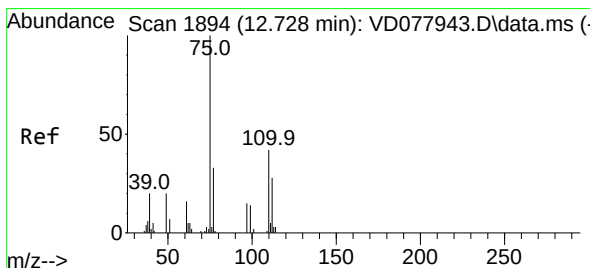
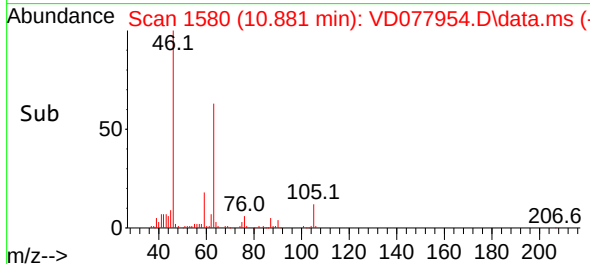
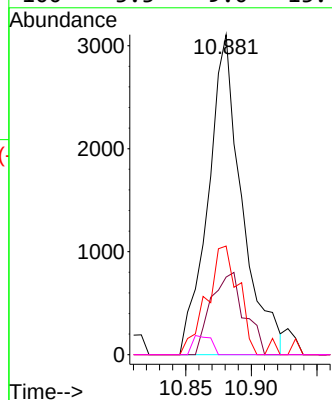


#48
2-Hexanone
Concen: 2.227 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD077954.D
Acq: 18 Dec 2023 18:20

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 5541
Ion Ratio Lower Upper
43 100
58 23.6 43.0 64.6#
57 32.0 13.8 20.8#
100 3.3 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 0.394 ug/L
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD077954.D
Acq: 18 Dec 2023 18:20

Tgt Ion: 75 Resp: 1041
Ion Ratio Lower Upper
75 100
77 0.0 26.8 40.2#
110 24.5 33.4 50.2#

