

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077637.D
 Acq On : 18 Nov 2023 17:59
 Operator : JC/SY
 Sample : 05438-03RE
 Misc : 4.99G/10ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:26:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

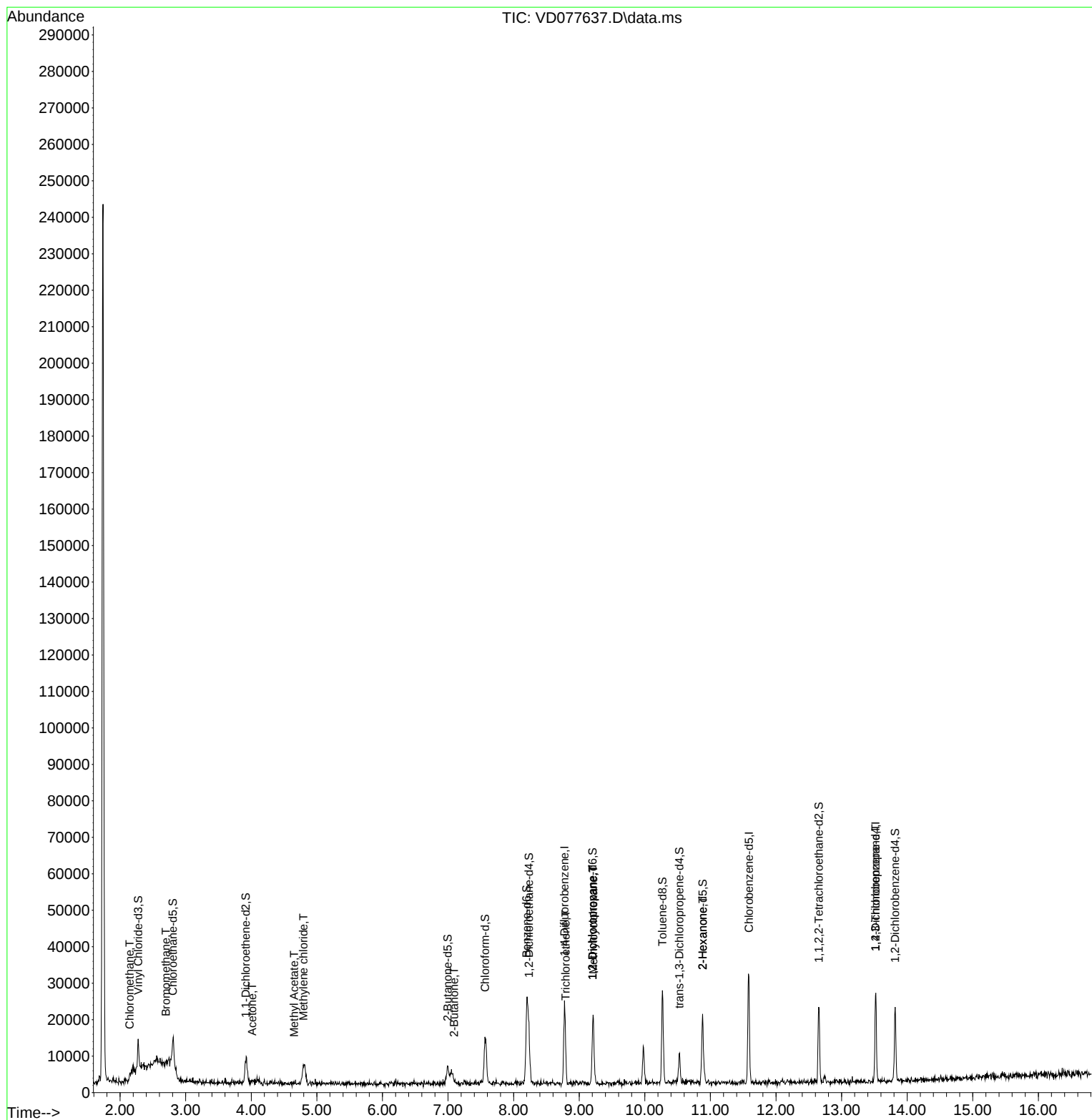
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	17312	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	16658	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	6435	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	6398	14.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.120%
7) Chloroethane-d5	2.805	69	7001	20.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.960%
11) 1,1-Dichloroethene-d2	3.917	65	1092	8.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.080%#
21) 2-Butanone-d5	6.993	46	9028	118.405	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	236.800%#
24) Chloroform-d	7.563	84	7301	14.599	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.400%
26) 1,2-Dichloroethane-d4	8.234	65	10624	39.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	159.760%#
32) Benzene-d6	8.199	84	22039	20.385	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.520%
36) 1,2-Dichloropropane-d6	9.205	67	9001	25.559	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.240%
41) Toluene-d8	10.269	98	17471	17.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.520%
43) trans-1,3-Dichloroprop...	10.528	79	4665	30.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.880%
47) 2-Hexanone-d5	10.881	63	6067	96.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.600%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	10916	46.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	187.120%#
66) 1,2-Dichlorobenzene-d4	13.816	152	4605	20.116	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.480%
Target Compounds						Qvalue
3) Chloromethane	2.146	50	139	0.347	ug/L #	43
6) Bromomethane	2.699	94	124	0.514	ug/L #	3
13) Acetone	4.017	43	600	7.486	ug/L	60
15) Methyl Acetate	4.652	43	76	0.576	ug/L #	56
16) Methylene chloride	4.793	84	1641	5.614	ug/L #	69
22) 2-Butanone	7.093	43	239	2.478	ug/L #	49
34) Trichloroethene	8.793	95	100	0.349	ug/L #	10
35) Methylcyclohexane	9.216	83	2174	4.209	ug/L #	16
37) 1,2-Dichloropropane	9.205	63	1119	3.485	ug/L #	88
48) 2-Hexanone	10.881	43	703	4.532	ug/L #	75
61) 1,2,3-Trichloropropane	13.516	75	1073	7.828	ug/L #	65

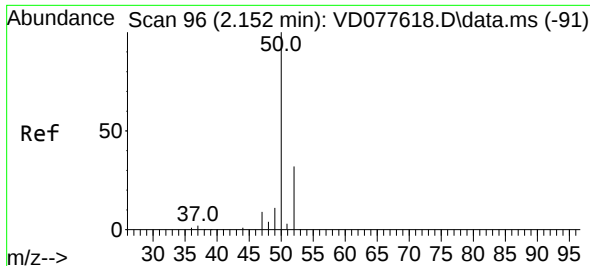
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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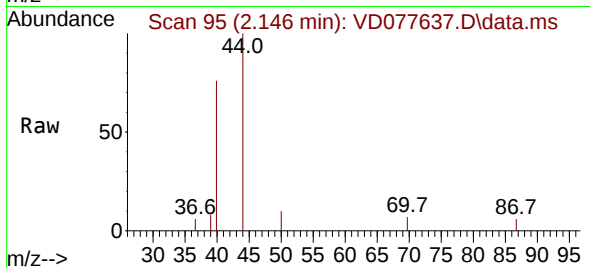
Quant Time: Nov 19 23:26:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Nov 19 23:22:21 2023
Response via : Initial Calibration



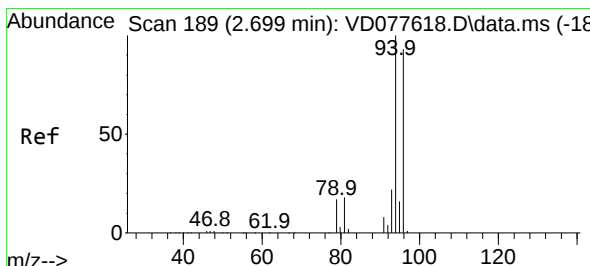
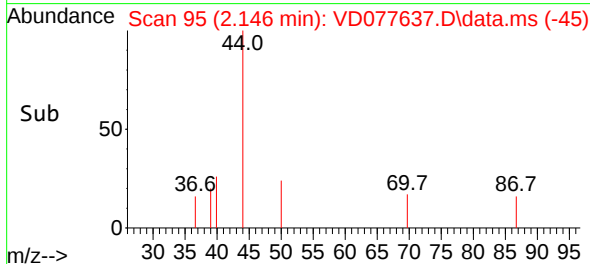
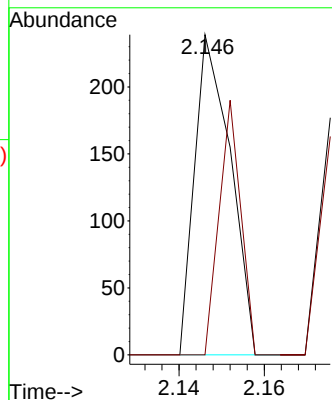


#3
Chloromethane
Concen: 0.347 ug/L
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077637.D
Acq: 18 Nov 2023 17:59

Instrument :
MSVOA_D
ClientSampleId :

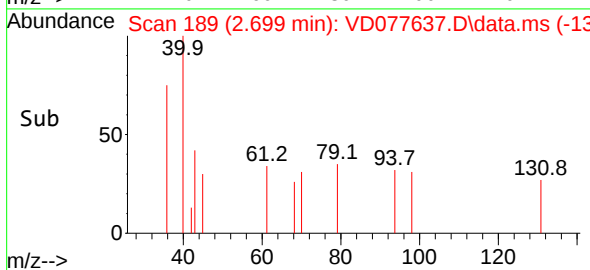
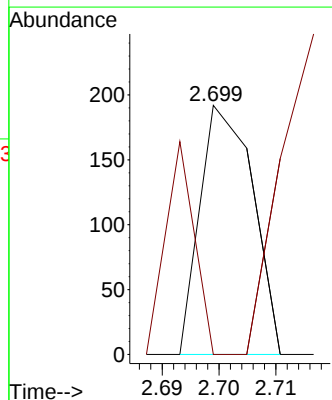
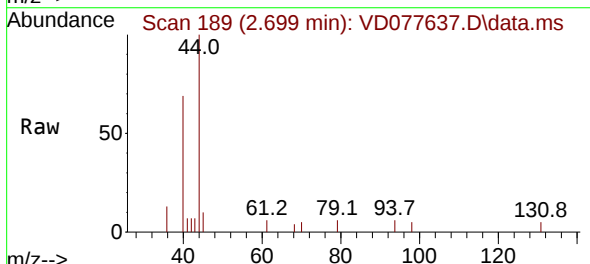


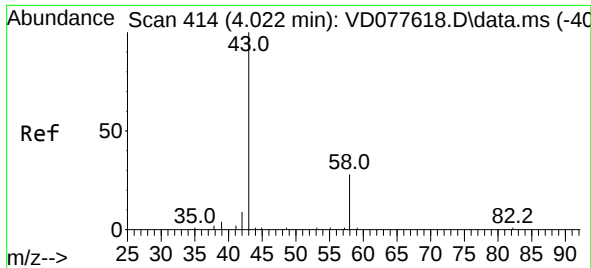
Tgt Ion: 50 Resp: 139
Ion Ratio Lower Upper
50 100
52 0.0 22.1 41.1#



#6
Bromomethane
Concen: 0.514 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD077637.D
Acq: 18 Nov 2023 17:59

Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 0.0 64.5 119.9#





#13

Acetone

Concen: 7.486 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077637.D

Acq: 18 Nov 2023 17:59

Instrument :

MSVOA_D

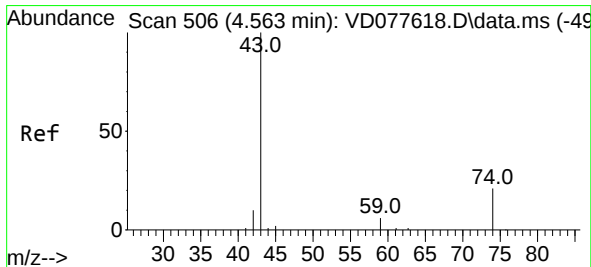
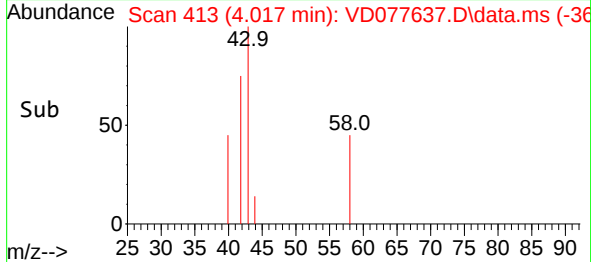
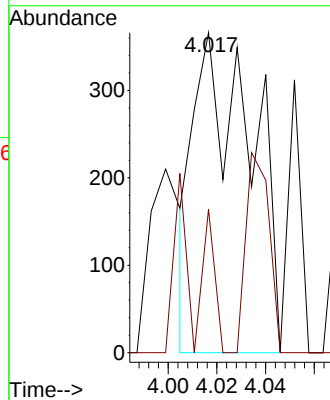
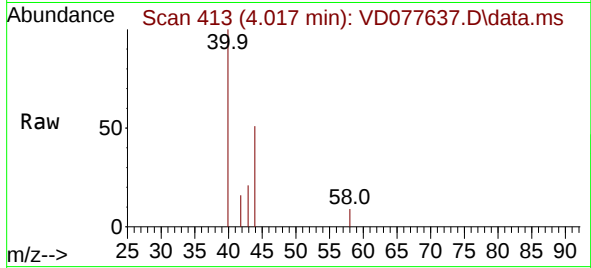
ClientSampleId :

Tgt Ion: 43 Resp: 600

Ion Ratio Lower Upper

43 100

58 9.7 0.0 64.0



#15

Methyl Acetate

Concen: 0.576 ug/L

RT: 4.652 min Scan# 521

Delta R.T. 0.089 min

Lab File: VD077637.D

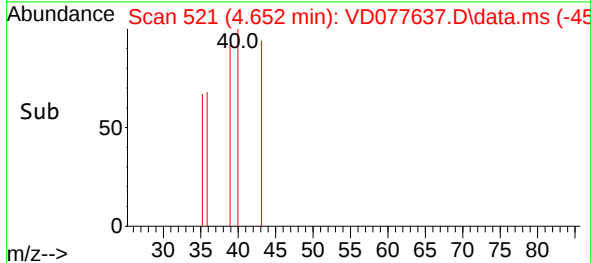
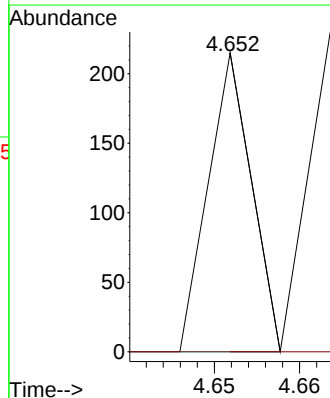
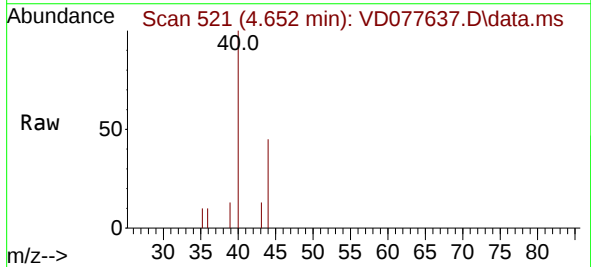
Acq: 18 Nov 2023 17:59

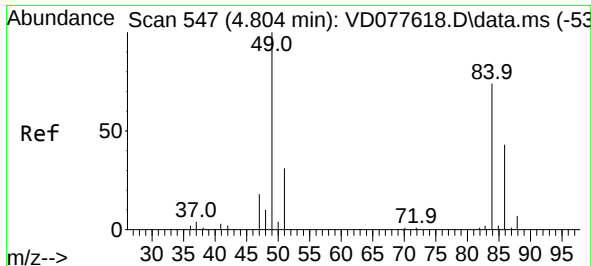
Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

43 100

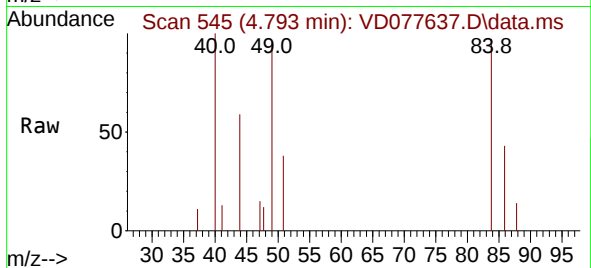
74 0.0 16.6 24.8#



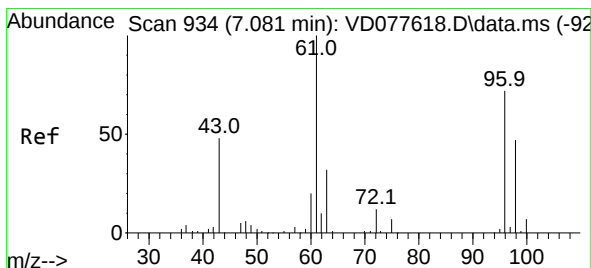
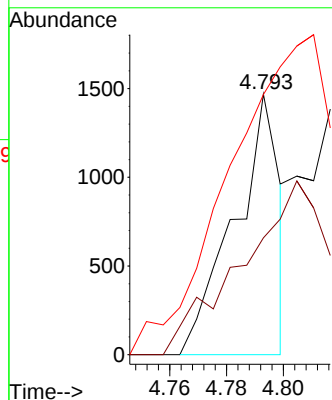
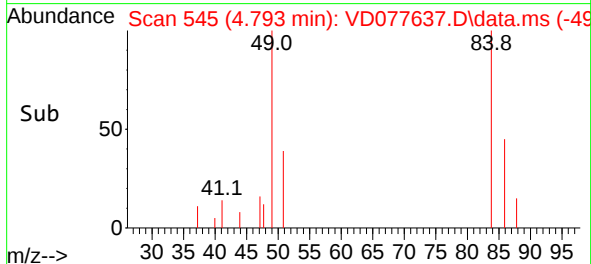


#16
Methylene chloride
Concen: 5.614 ug/L
RT: 4.793 min Scan# 547
Delta R.T. -0.011 min
Lab File: VD077637.D
Acq: 18 Nov 2023 17:59

Instrument :
MSVOA_D
ClientSampleId :

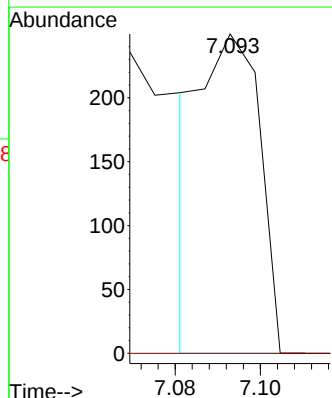
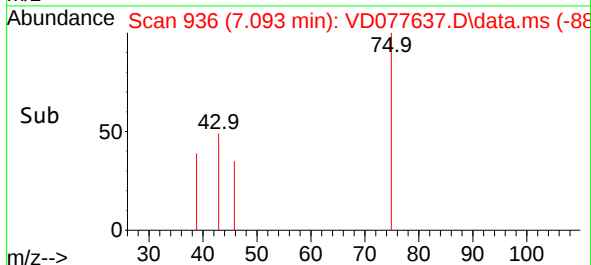
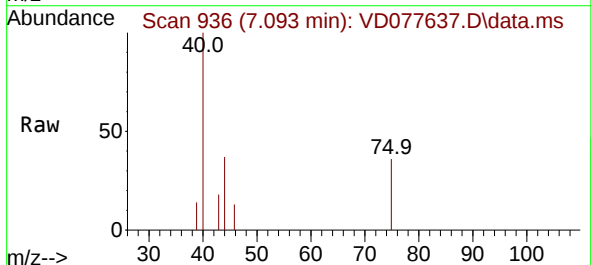


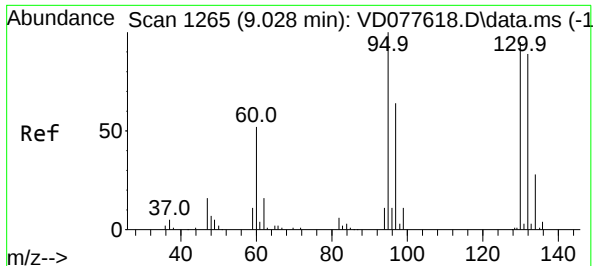
Tgt Ion: 84 Resp: 1641
Ion Ratio Lower Upper
84 100
86 44.9 46.5 86.5#
49 99.9 98.3 182.7



#22
2-Butanone
Concen: 2.478 ug/L
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD077637.D
Acq: 18 Nov 2023 17:59

Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
72 0.0 12.8 38.4#





#34

Trichloroethene

Concen: 0.349 ug/L

RT: 8.793 min Scan# 11

Delta R.T. -0.235 min

Lab File: VD077637.D

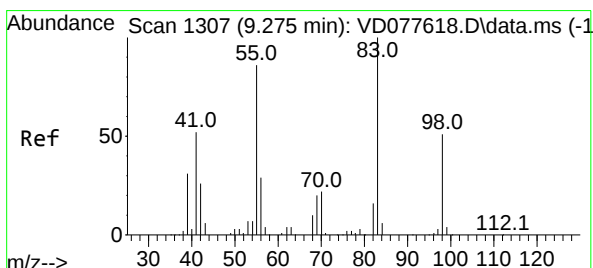
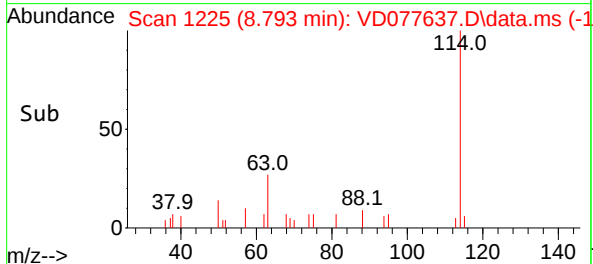
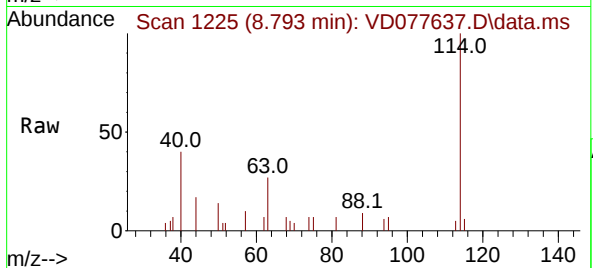
Acq: 18 Nov 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95	Resp: 100
Ion Ratio	Lower Upper
95	100
97	0.0 42.4 78.6#
132	0.0 59.4 110.2#
130	0.0 62.5 116.1#



#35

Methylcyclohexane

Concen: 4.209 ug/L

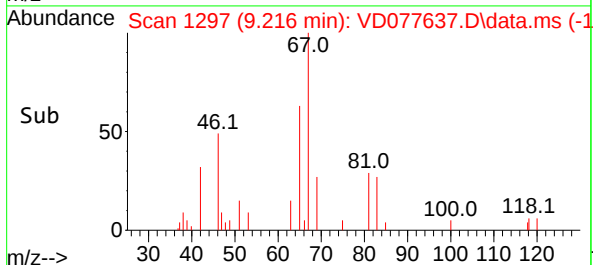
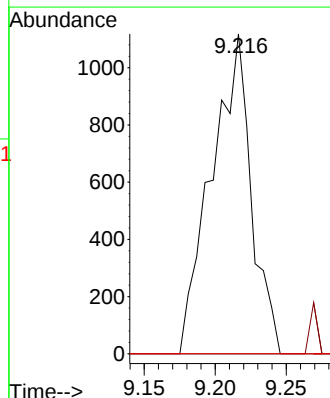
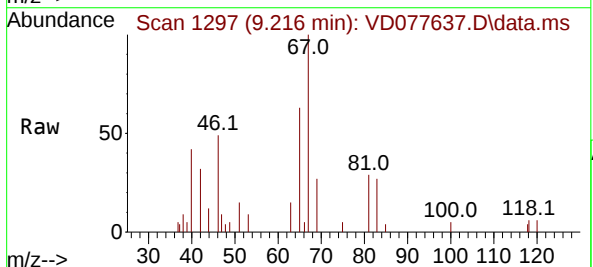
RT: 9.216 min Scan# 1297

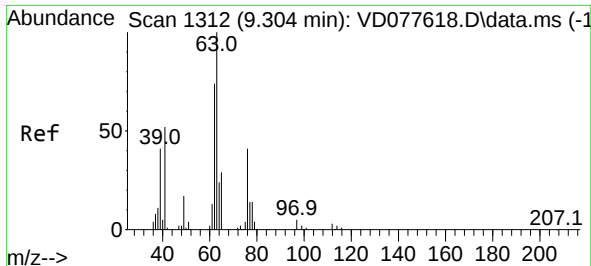
Delta R.T. -0.058 min

Lab File: VD077637.D

Acq: 18 Nov 2023 17:59

Tgt Ion: 83	Resp: 2174
Ion Ratio	Lower Upper
83	100
55	0.0 66.5 99.7#
98	0.0 37.4 56.2#

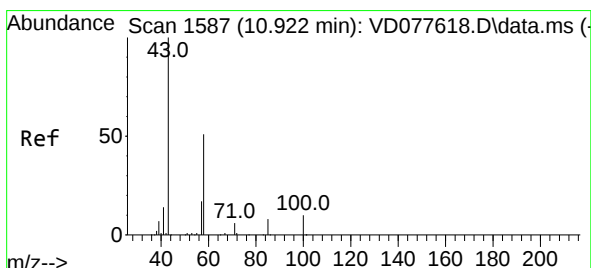
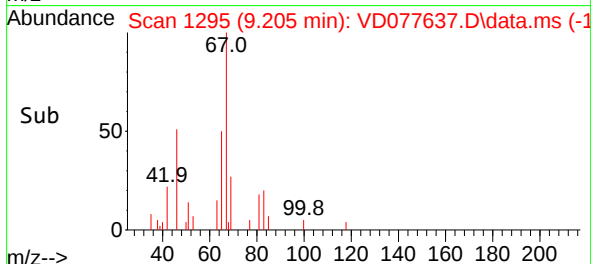
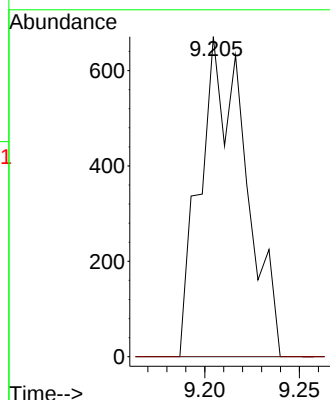
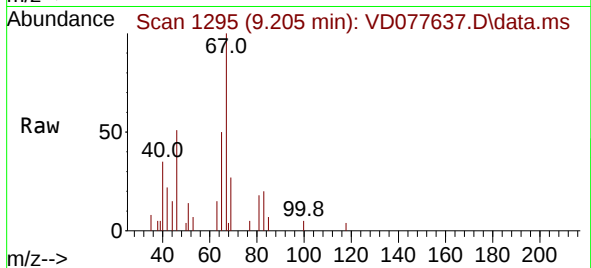




#37
1,2-Dichloropropane
Concen: 3.485 ug/L
RT: 9.205 min Scan# 1119
Delta R.T. -0.100 min
Lab File: VD077637.D
Acq: 18 Nov 2023 17:59

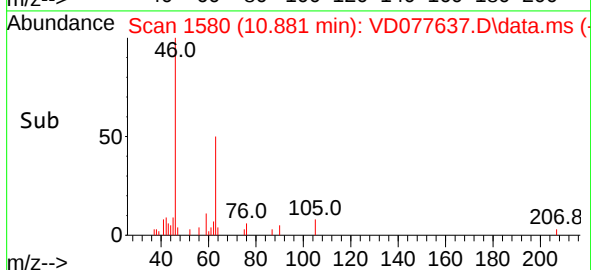
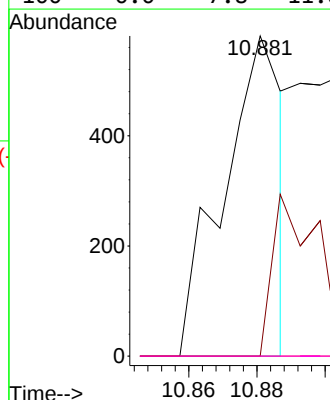
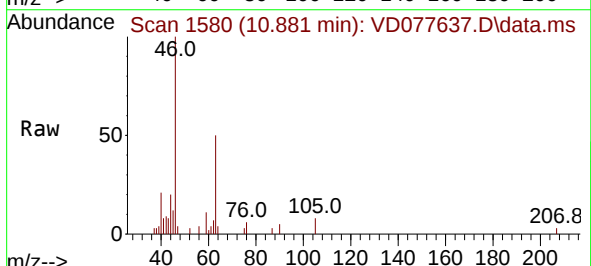
Instrument :
MSVOA_D
ClientSampleId :

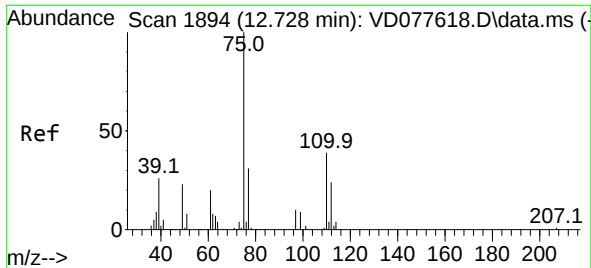
Tgt Ion: 63 Resp: 1119
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 4.532 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD077637.D
Acq: 18 Nov 2023 17:59

Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 37.1 40.8 61.2#
57 0.0 13.7 20.5#
100 0.0 7.8 11.8#





#61

1,2,3-Trichloropropane

Concen: 7.828 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.789 min

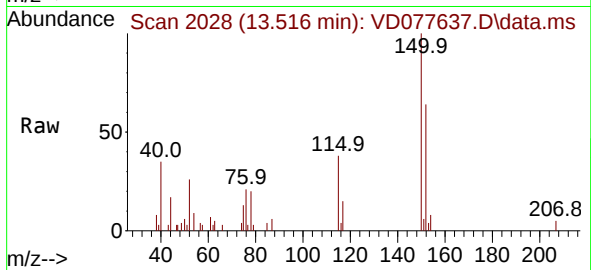
Lab File: VD077637.D

Acq: 18 Nov 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 1073

Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

110 0.0 29.6 44.4#

