

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077639.D
 Acq On : 18 Nov 2023 18:53
 Operator : JC/SY
 Sample : 05438-04RE
 Misc : 5.03G/10ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:26:41 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)

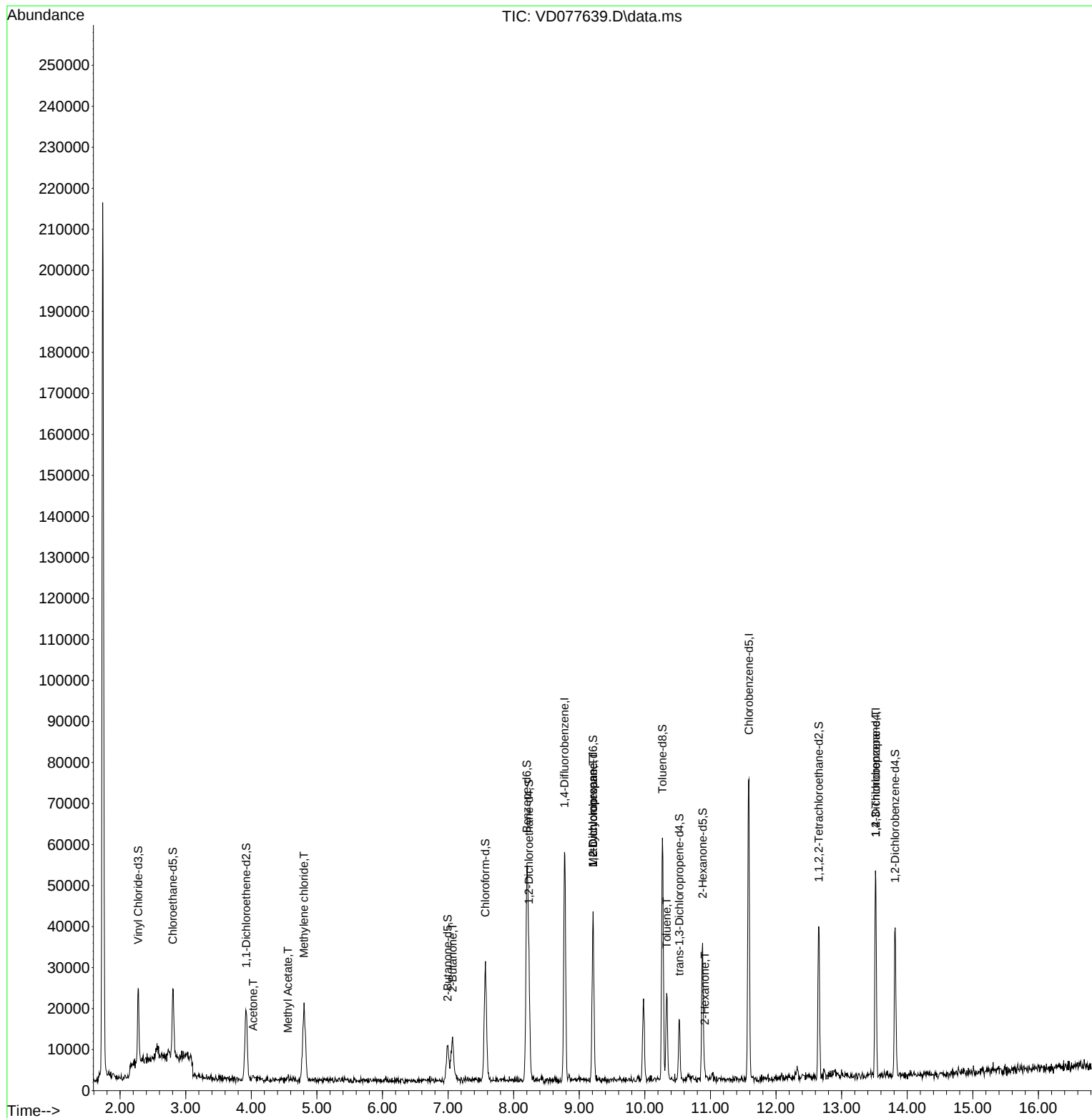
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	46160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	40434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	12895	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	16619	14.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.600%
7) Chloroethane-d5	2.805	69	16205	17.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.280%
11) 1,1-Dichloroethene-d2	3.922	65	5684	15.654	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.600%
21) 2-Butanone-d5	6.993	46	15146	74.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.000%#
24) Chloroform-d	7.569	84	29477	22.106	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.234	65	18900	26.646	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	8.199	84	51169	19.498	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	9.210	67	19164	22.419	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.680%
41) Toluene-d8	10.269	98	39729	16.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.000%
43) trans-1,3-Dichloroprop...	10.528	79	8548	23.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.881	63	11486	75.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.220%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	19571	34.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	9520	20.752	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.000%
Target Compounds						Qvalue
13) Acetone	4.028	43	1334	6.242	ug/L	55
15) Methyl Acetate	4.558	43	431	1.226	ug/L #	56
16) Methylene chloride	4.805	84	12144	15.582	ug/L #	85
22) 2-Butanone	7.069	43	886	3.446	ug/L #	49
35) Methylcyclohexane	9.210	83	4602	3.670	ug/L #	16
37) 1,2-Dichloropropane	9.210	63	1693	2.172	ug/L #	88
42) Toluene	10.334	91	15141	5.143	ug/L	96
48) 2-Hexanone	10.916	43	490	1.301	ug/L #	40
61) 1,2,3-Trichloropropane	13.522	75	1912	6.961	ug/L #	49

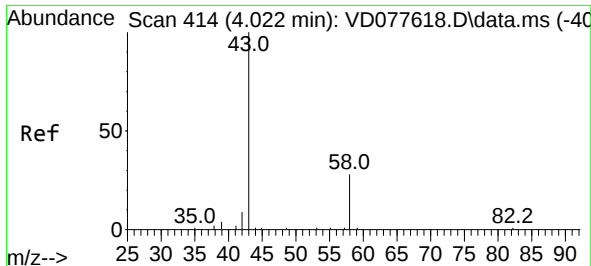
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 19 23:22:21 2023
Response via : Initial Calibration





#13

Acetone

Concen: 6.242 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077639.D

Acq: 18 Nov 2023 18:53

Instrument :

MSVOA_D

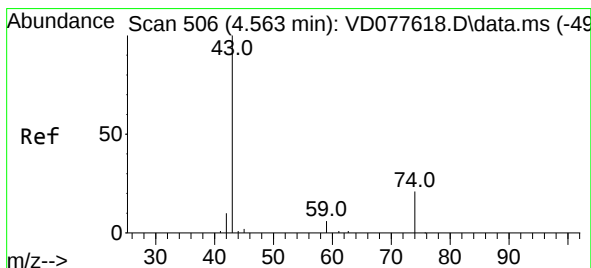
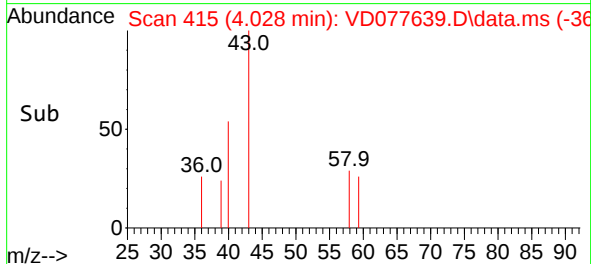
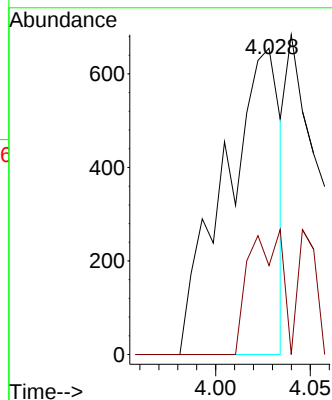
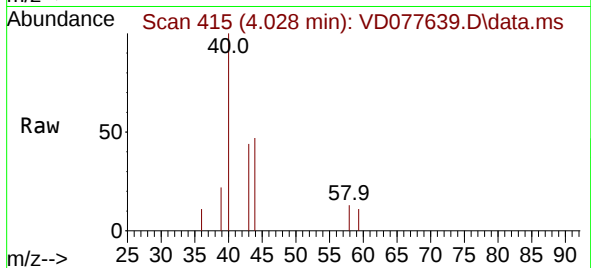
ClientSampleId :

Tgt Ion: 43 Resp: 1334

Ion Ratio Lower Upper

43 100

58 7.0 0.0 64.0



#15

Methyl Acetate

Concen: 1.226 ug/L

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD077639.D

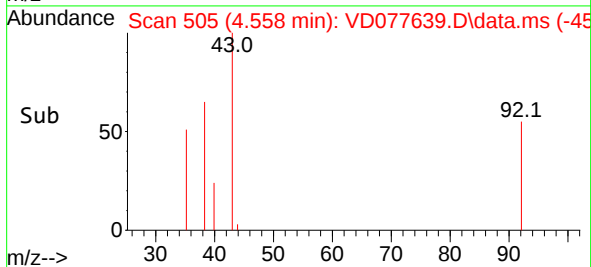
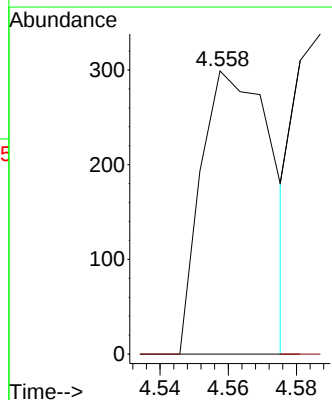
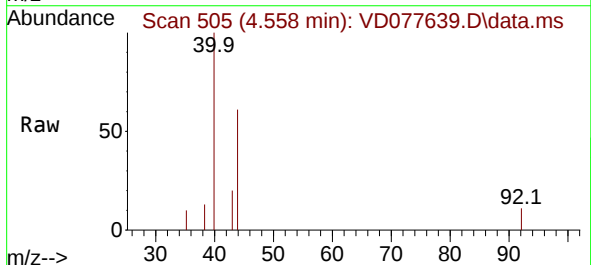
Acq: 18 Nov 2023 18:53

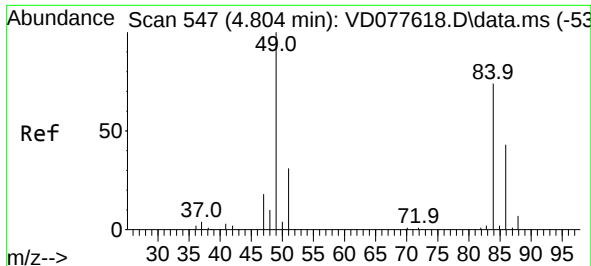
Tgt Ion: 43 Resp: 431

Ion Ratio Lower Upper

43 100

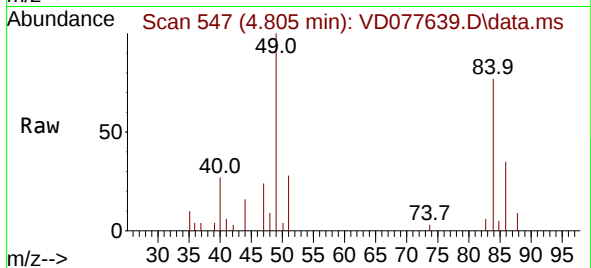
74 0.0 16.6 24.8#



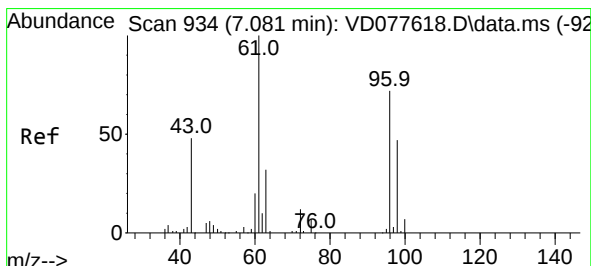
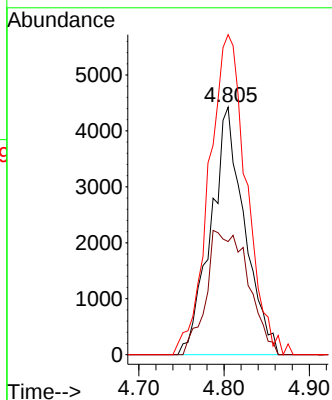
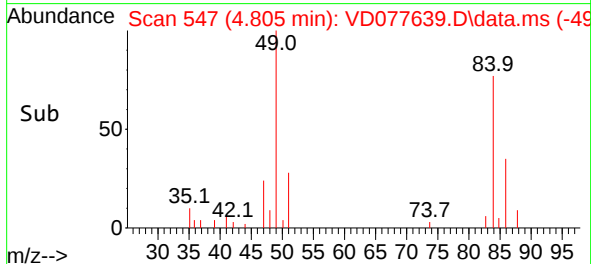


#16
Methylene chloride
Concen: 15.582 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD077639.D
Acq: 18 Nov 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :

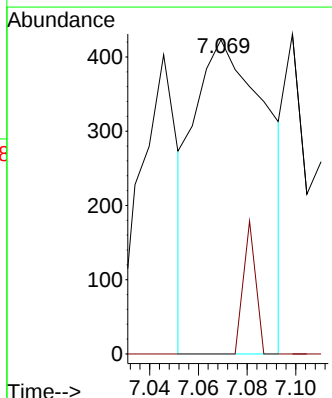
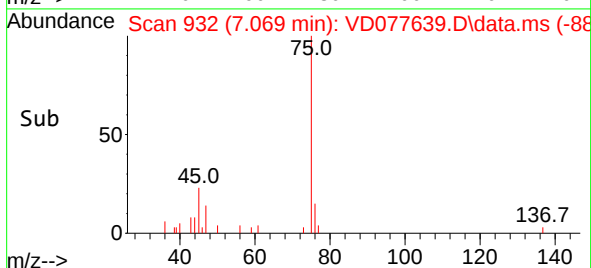
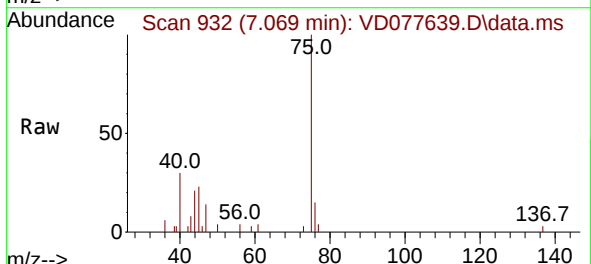


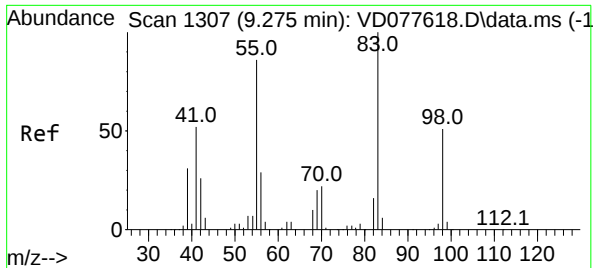
Tgt Ion: 84 Resp: 12144
Ion Ratio Lower Upper
84 100
86 45.7 46.5 86.5#
49 129.3 98.3 182.7



#22
2-Butanone
Concen: 3.446 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD077639.D
Acq: 18 Nov 2023 18:53

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
72 0.0 12.8 38.4#

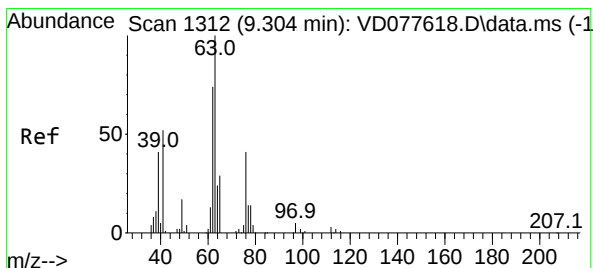
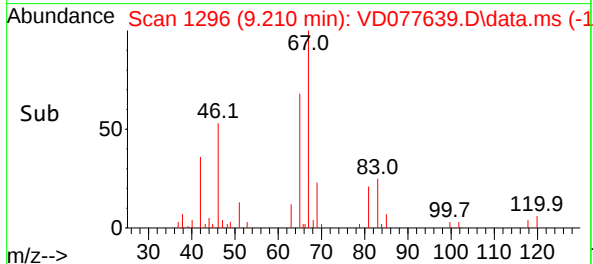
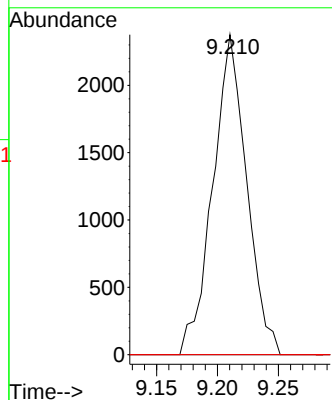
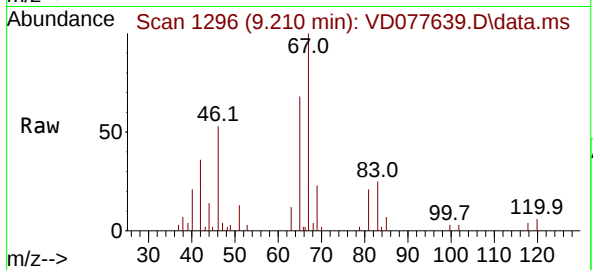




#35
Methylcyclohexane
Concen: 3.670 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.064 min
Lab File: VD077639.D
Acq: 18 Nov 2023 18:53

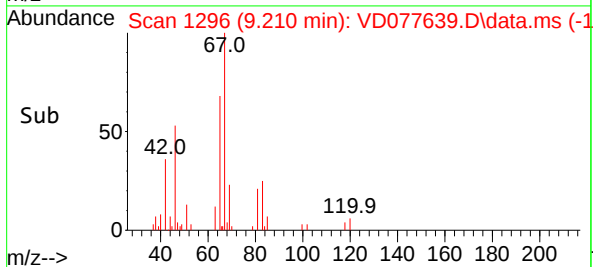
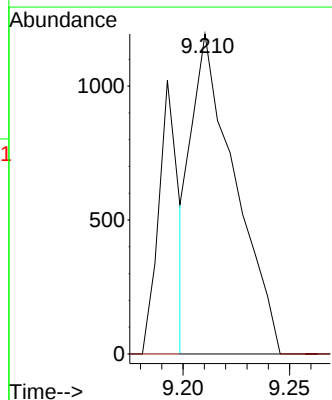
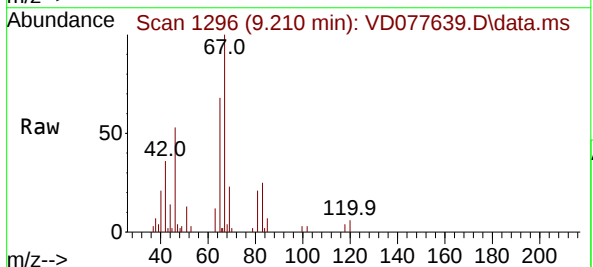
Instrument :
MSVOA_D
ClientSampleId :

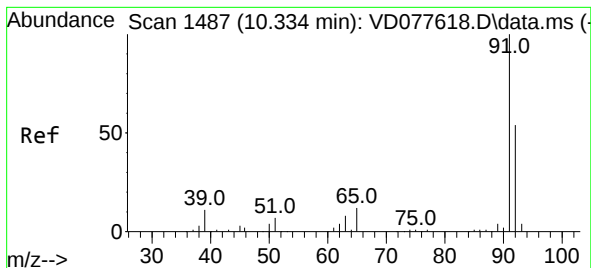
Tgt Ion: 83 Resp: 4602
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 2.172 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077639.D
Acq: 18 Nov 2023 18:53

Tgt Ion: 63 Resp: 1693
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#42

Toluene

Concen: 5.143 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077639.D

Acq: 18 Nov 2023 18:53

Instrument :

MSVOA_D

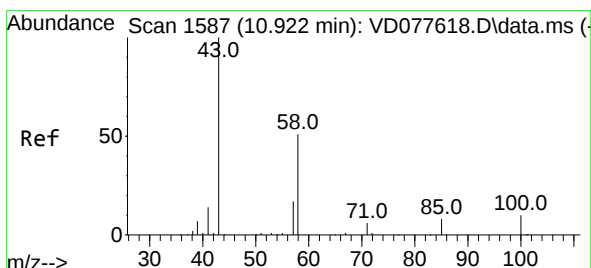
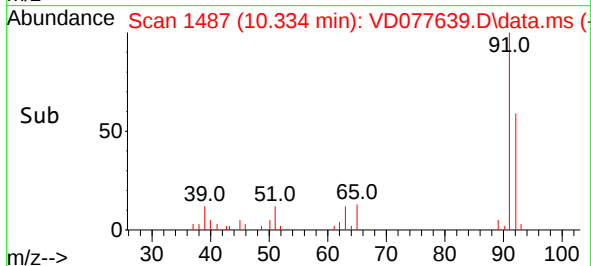
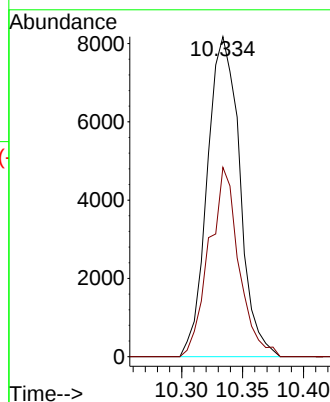
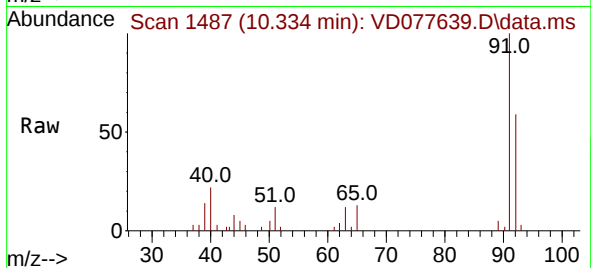
ClientSampleId :

Tgt Ion: 91 Resp: 15141

Ion Ratio Lower Upper

91 100

92 59.1 39.3 73.1



#48

2-Hexanone

Concen: 1.301 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min

Lab File: VD077639.D

Acq: 18 Nov 2023 18:53

Tgt Ion: 43 Resp: 490

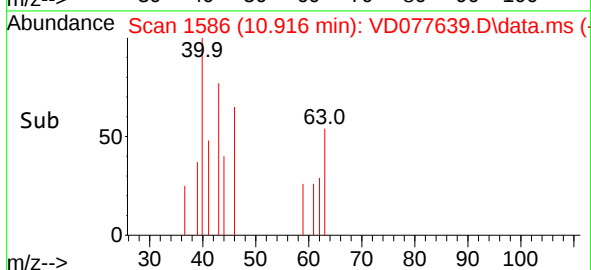
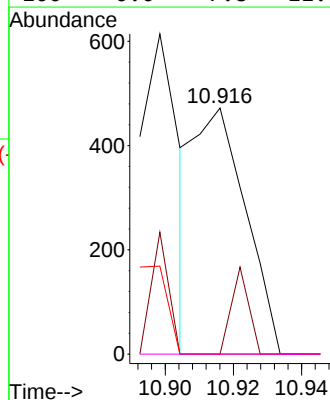
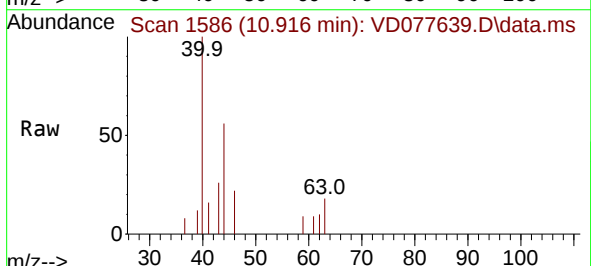
Ion Ratio Lower Upper

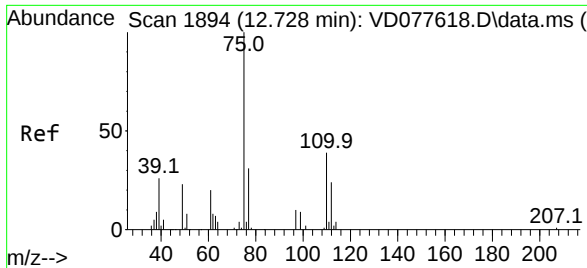
43 100

58 0.0 40.8 61.2#

57 0.0 13.7 20.5#

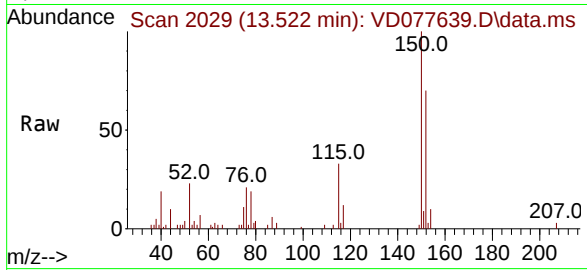
100 0.0 7.8 11.8#





#61
 1,2,3-Trichloropropane
 Concen: 6.961 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD077639.D
 Acq: 18 Nov 2023 18:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	1912
Ion	Ratio	Lower	Upper
75	100		
77	10.4	25.6	38.4#
110	0.0	29.6	44.4#

