

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076636.D
 Acq On : 29 Jun 2023 13:58
 Operator : KP/SY
 Sample : 03422-21RE
 Misc : 4.87G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:15:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

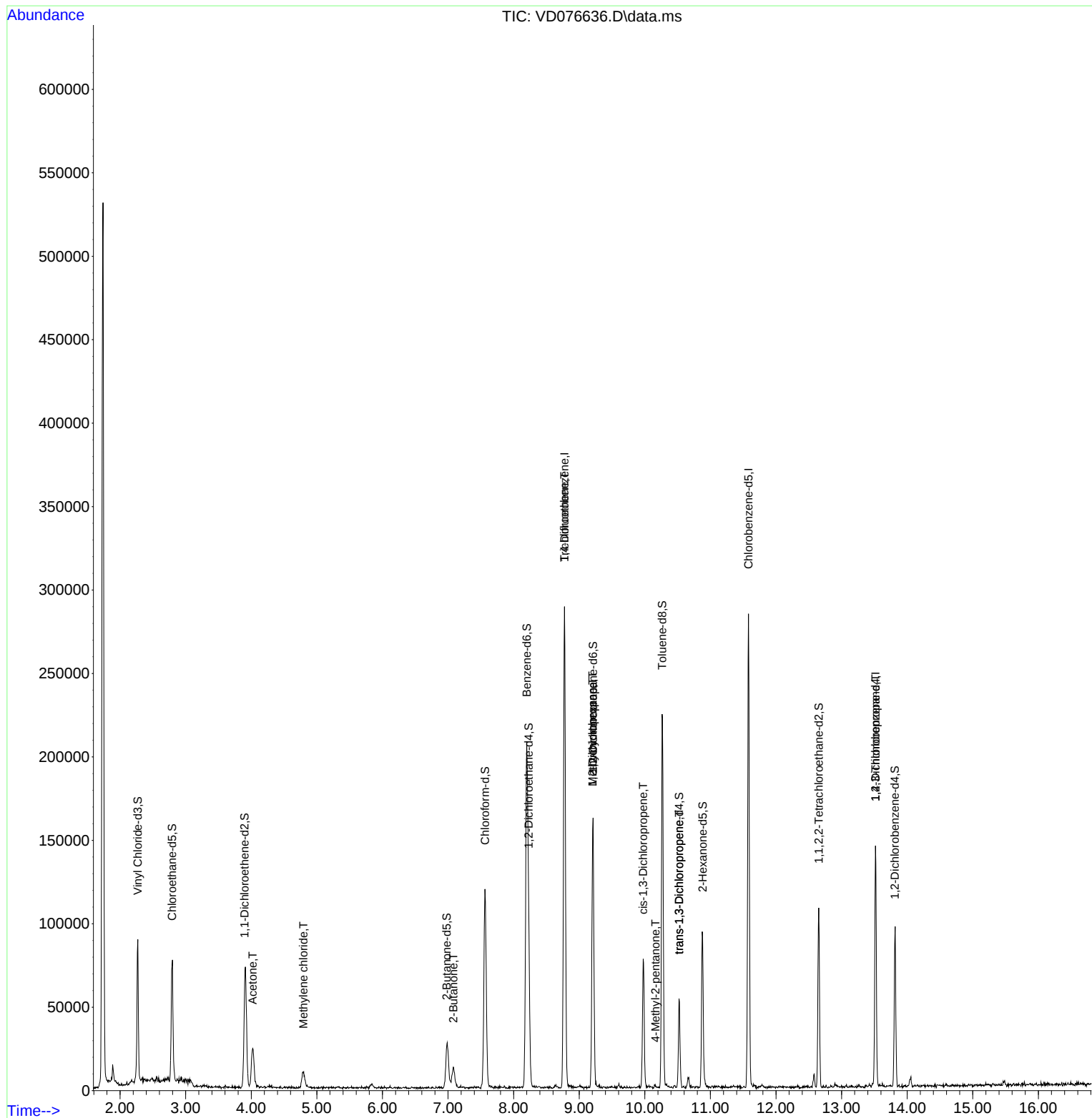
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	249380	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	157372	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	37310	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	71102	11.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.840%
7) Chloroethane-d5	2.793	69	73411	14.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.800%
11) 1,1-Dichloroethene-d2	3.899	65	10146	6.400	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	25.600%#
21) 2-Butanone-d5	6.981	46	49104	53.388	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.780%
24) Chloroform-d	7.563	84	118595	18.051	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.200%
26) 1,2-Dichloroethane-d4	8.228	65	68831	21.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.960%
32) Benzene-d6	8.199	84	210728	21.890	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	9.210	67	76712	24.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.263	98	150807	16.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.680%
43) trans-1,3-Dichloroprop...	10.522	79	26887	21.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.160%
47) 2-Hexanone-d5	10.881	63	32588	68.320	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.640%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	54061	24.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.810	152	22835	16.698	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.800%#
Target Compounds						Qvalue
13) Acetone	4.022	43	42107	56.681	ug/L	100
16) Methylene chloride	4.793	84	7292	1.682	ug/L	89
22) 2-Butanone	7.081	43	19392	16.175	ug/L #	70
34) Trichloroethene	8.775	95	7042	2.632	ug/L #	4
35) Methylcyclohexane	9.204	83	18161	4.209	ug/L #	19
37) 1,2-Dichloropropane	9.204	63	9061	3.191	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	2714	0.626	ug/L	90
40) 4-Methyl-2-pentanone	10.163	43	1211	0.686	ug/L #	57
44) trans-1,3-Dichloropropene	10.522	75	1412	0.401	ug/L #	1
61) 1,2,3-Trichloropropane	13.516	75	5481	7.570	ug/L #	52

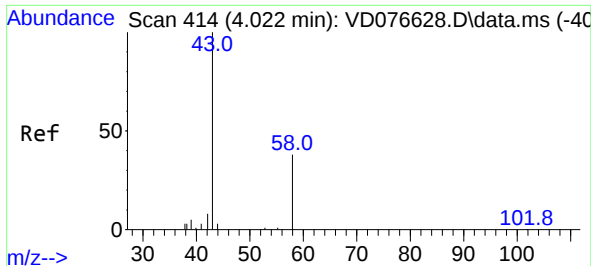
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#13

Acetone

Concen: 56.681 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD076636.D

Acq: 29 Jun 2023 13:58

Instrument :

MSVOA_D

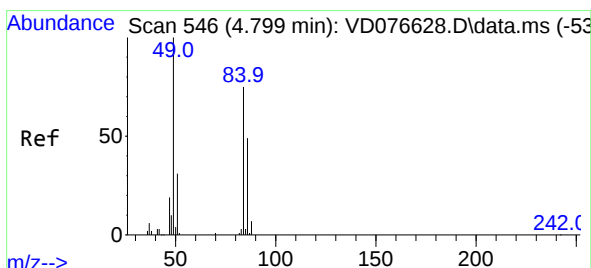
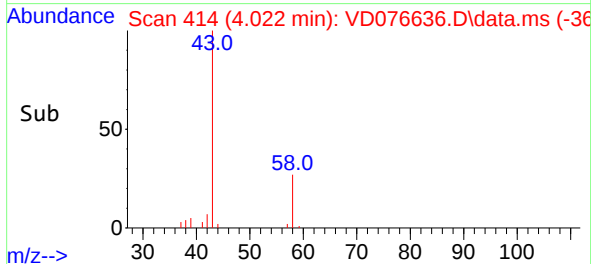
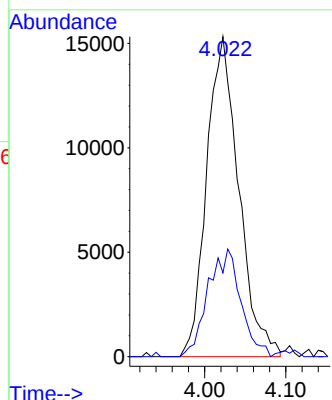
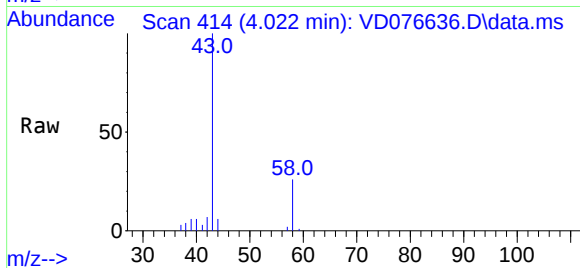
ClientSampleId :

Tgt Ion: 43 Resp: 42107

Ion Ratio Lower Upper

43 100

58 33.8 0.0 67.4



#16

Methylene chloride

Concen: 1.682 ug/L

RT: 4.793 min Scan# 545

Delta R.T. 0.006 min

Lab File: VD076636.D

Acq: 29 Jun 2023 13:58

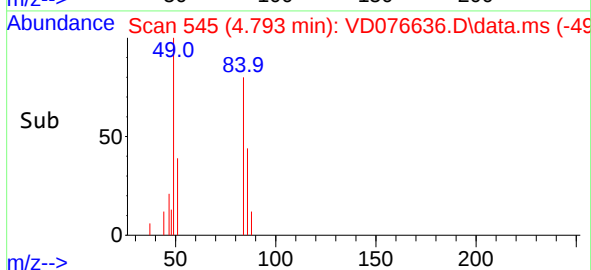
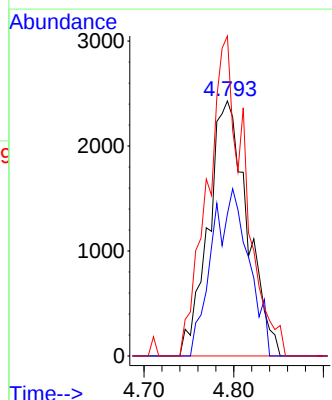
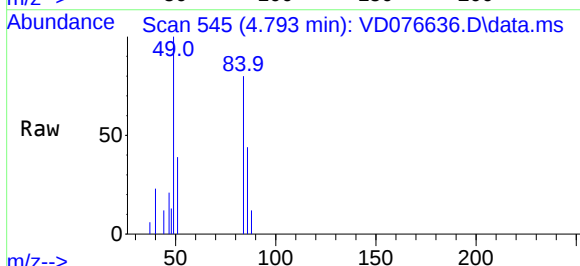
Tgt Ion: 84 Resp: 7292

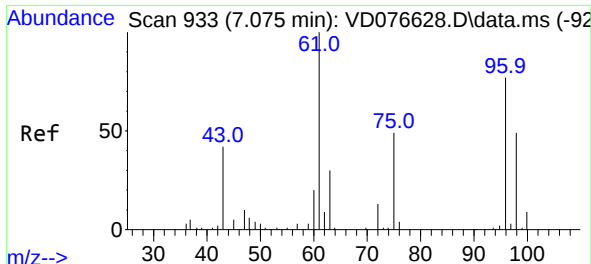
Ion Ratio Lower Upper

84 100

86 55.6 45.1 83.9

49 125.5 97.2 180.6

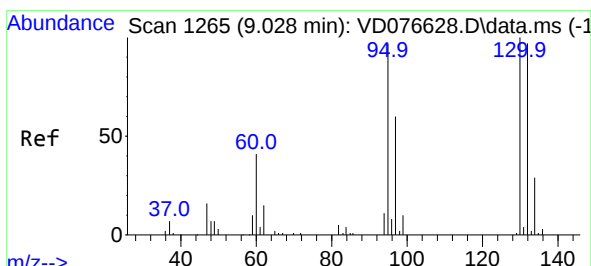
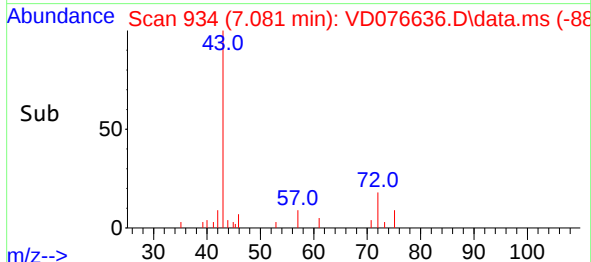
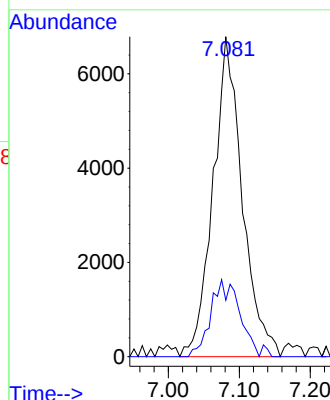
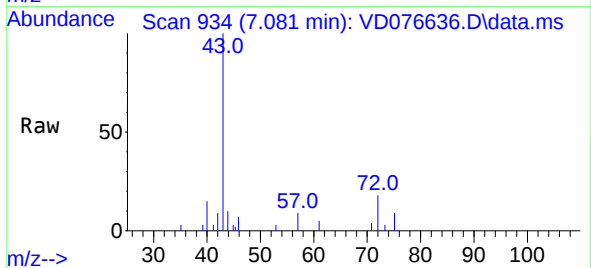




#22
2-Butanone
Concen: 16.175 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076636.D
Acq: 29 Jun 2023 13:58

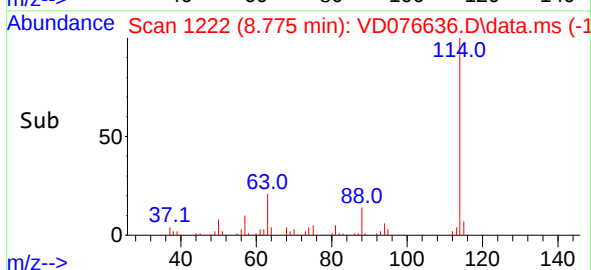
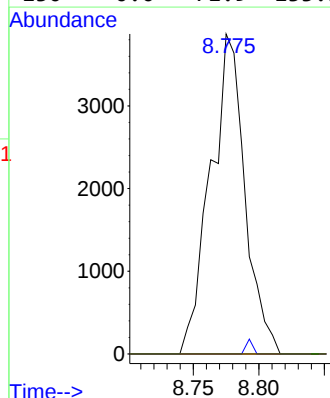
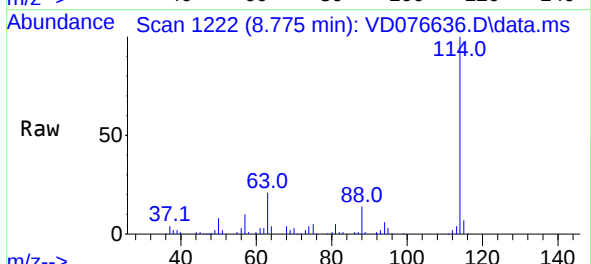
Instrument :
MSVOA_D
ClientSampleId :

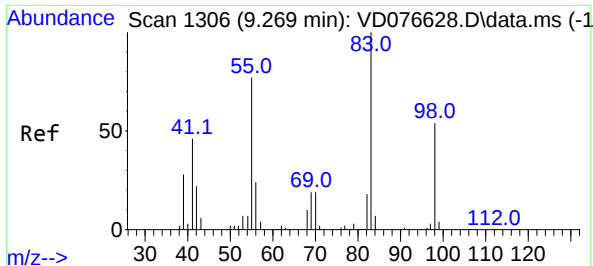
Tgt Ion: 43 Resp: 19392
Ion Ratio Lower Upper
43 100
72 10.6 12.9 38.7#



#34
Trichloroethene
Concen: 2.632 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076636.D
Acq: 29 Jun 2023 13:58

Tgt Ion: 95 Resp: 7042
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#

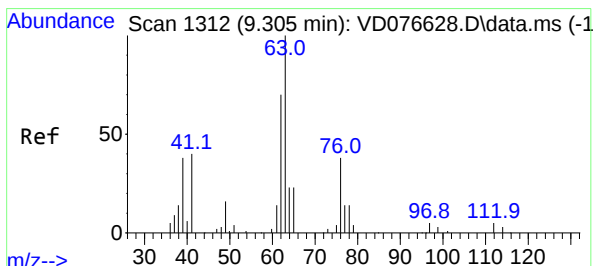
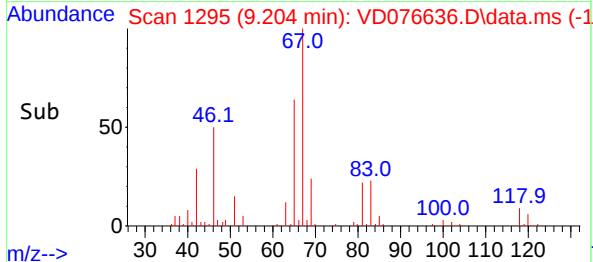
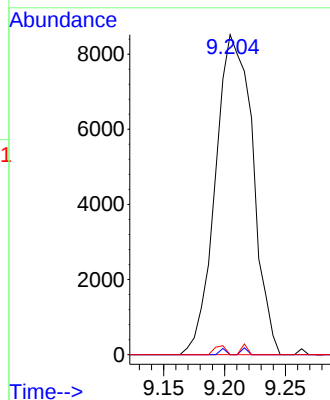
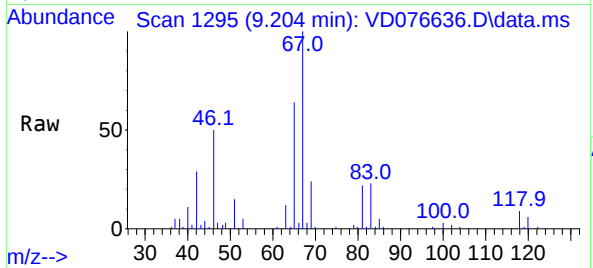




#35
Methylcyclohexane
Concen: 4.209 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.065 min
Lab File: VD076636.D
Acq: 29 Jun 2023 13:58

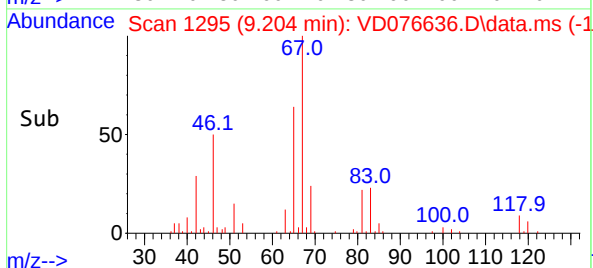
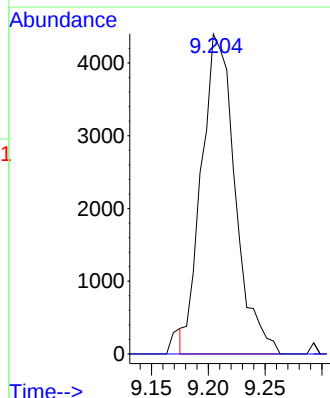
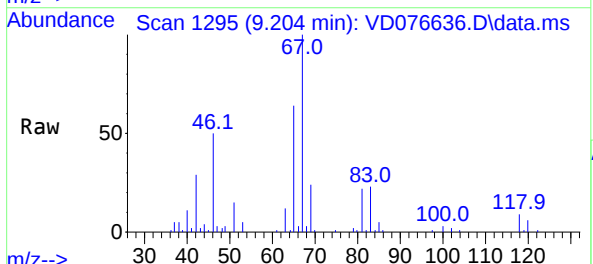
Instrument :
MSVOA_D
ClientSampleId :

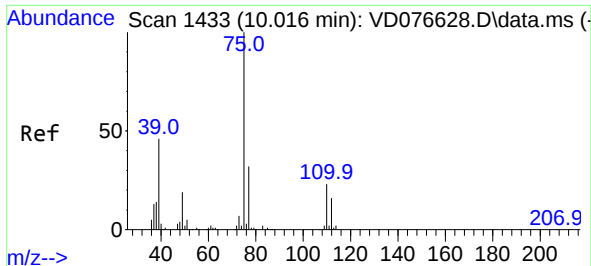
Tgt Ion: 83 Resp: 18161
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.8 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 3.191 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD076636.D
Acq: 29 Jun 2023 13:58

Tgt Ion: 63 Resp: 9061
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.626 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD076636.D

Acq: 29 Jun 2023 13:58

Instrument :

MSVOA_D

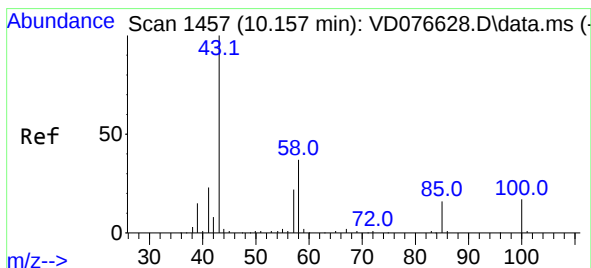
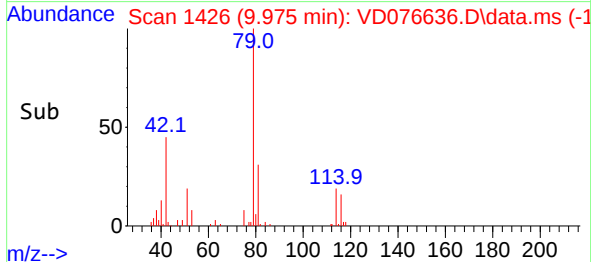
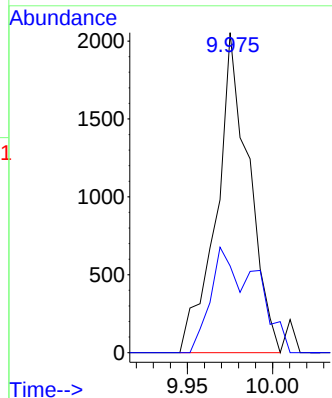
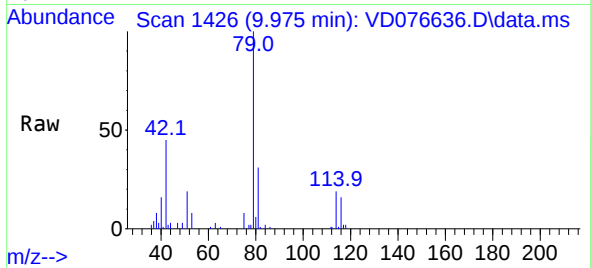
ClientSampleId :

Tgt Ion: 75 Resp: 2714

Ion Ratio Lower Upper

75 100

77 27.1 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 0.686 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD076636.D

Acq: 29 Jun 2023 13:58

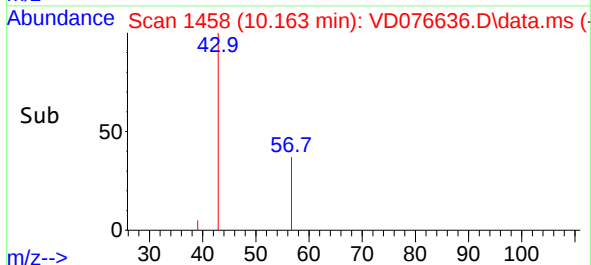
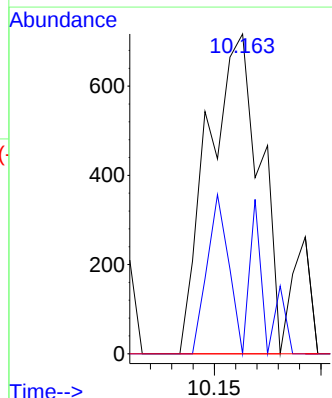
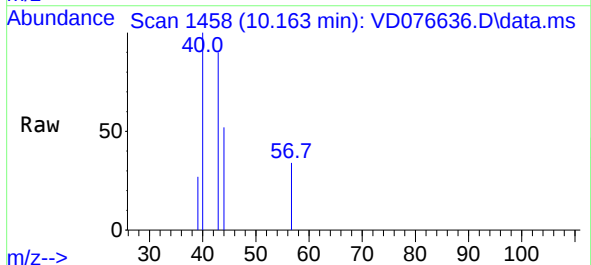
Tgt Ion: 43 Resp: 1211

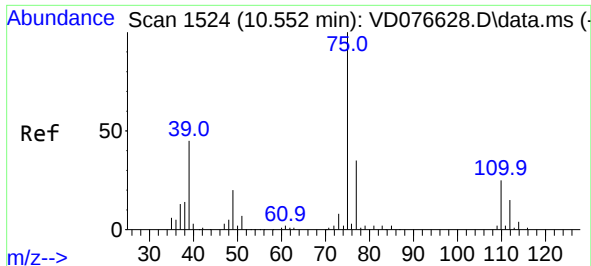
Ion Ratio Lower Upper

43 100

58 10.1 30.7 46.1#

100 0.0 11.0 16.4#

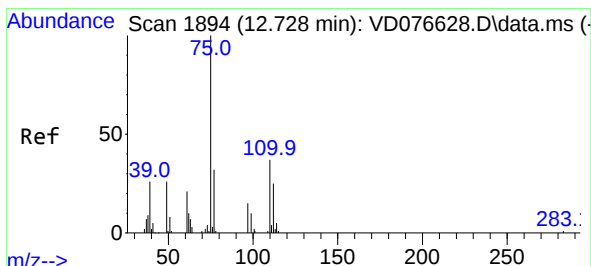
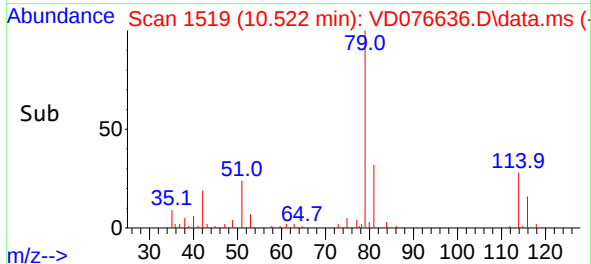
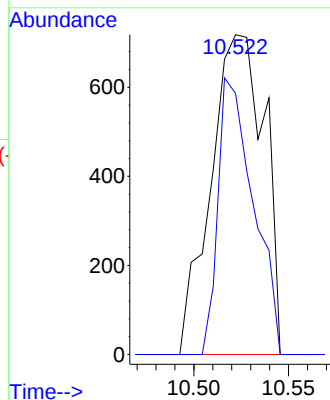
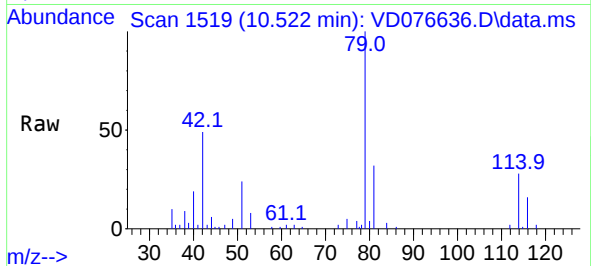




#44
trans-1,3-Dichloropropene
Concen: 0.401 ug/L
RT: 10.522 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD076636.D
Acq: 29 Jun 2023 13:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1412
Ion Ratio Lower Upper
75 100
77 105.7 22.5 41.7#



#61
1,2,3-Trichloropropane
Concen: 7.570 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076636.D
Acq: 29 Jun 2023 13:58

Tgt Ion: 75 Resp: 5481
Ion Ratio Lower Upper
75 100
77 17.2 27.2 40.8#
110 0.0 31.8 47.6#

