

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076446.D
 Acq On : 15 Jun 2023 19:06
 Operator : KP/SY
 Sample : 03236-16
 Misc : 5.38G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 02:00:51 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)

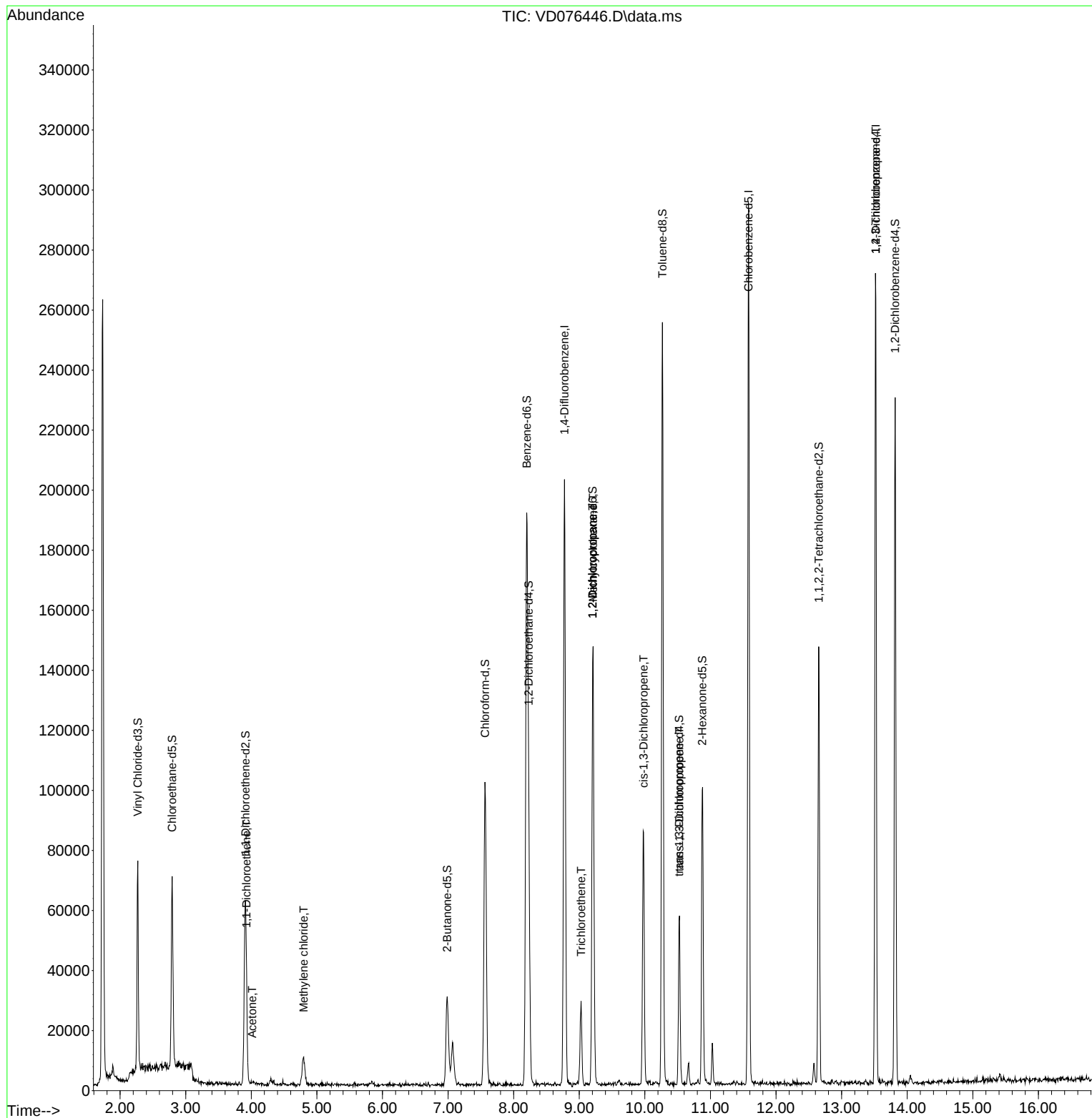
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	176869	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	159674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	72059	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	60406	14.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.080%
7) Chloroethane-d5	2.793	69	58727	16.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.440%
11) 1,1-Dichloroethene-d2	3.910	65	17761	15.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.200%
21) 2-Butanone-d5	6.987	46	52594	80.625	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.260%#
24) Chloroform-d	7.563	84	101492	21.780	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.120%
26) 1,2-Dichloroethane-d4	8.228	65	59444	25.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.440%
32) Benzene-d6	8.198	84	195878	20.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	9.204	67	73521	23.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.269	98	173256	19.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.640%
43) trans-1,3-Dichloroprop...	10.522	79	30560	23.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.280%
47) 2-Hexanone-d5	10.875	63	37784	78.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.140%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71420	32.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.800%#
66) 1,2-Dichlorobenzene-d4	13.816	152	58734	22.237	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.960%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.928	96	582	0.254	ug/L #	1
13) Acetone	4.016	43	923	1.752	ug/L	85
16) Methylene chloride	4.799	84	6410	2.085	ug/L	88
34) Trichloroethene	9.028	95	8785	3.236	ug/L	93
35) Methylcyclohexane	9.210	83	16765	3.830	ug/L #	20
37) 1,2-Dichloropropane	9.204	63	7687	2.668	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2619	0.595	ug/L	92
44) trans-1,3-Dichloropropene	10.528	75	1609	0.450	ug/L #	81
61) 1,2,3-Trichloropropane	13.522	75	9572	6.845	ug/L #	65

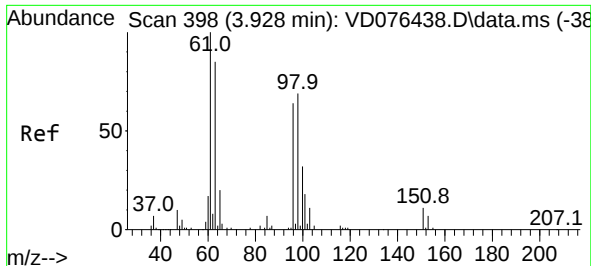
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.254 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.000 min

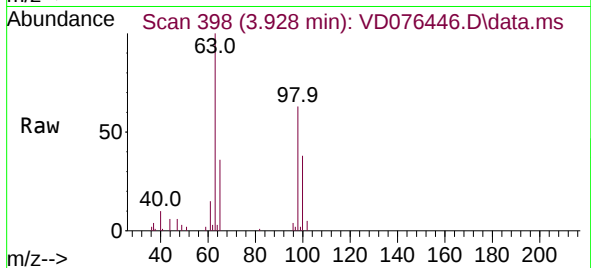
Lab File: VD076446.D

Acq: 15 Jun 2023 19:06

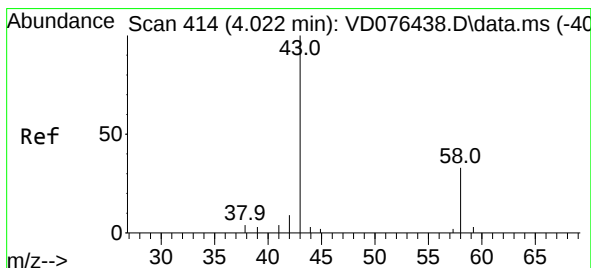
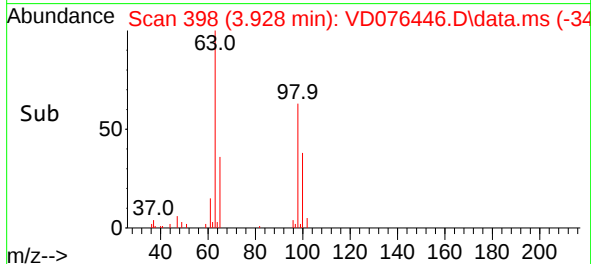
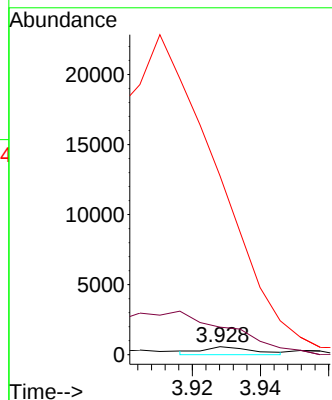
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	96	Resp:	582
Ion	Ratio	Lower	Upper
96	100		
61	345.8	113.0	209.8#
63	2245.4	83.6	155.2#



#13

Acetone

Concen: 1.752 ug/L

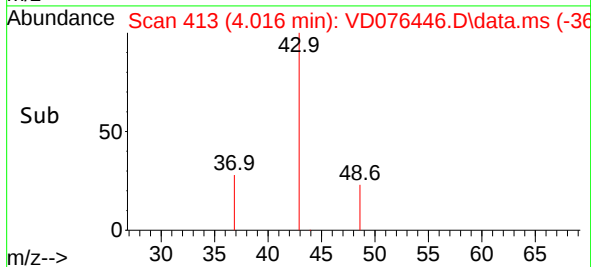
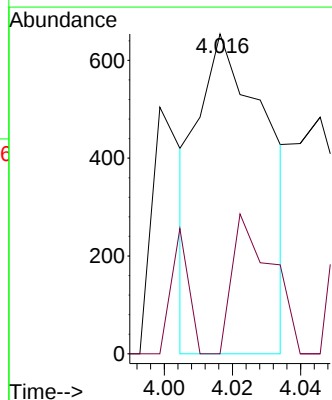
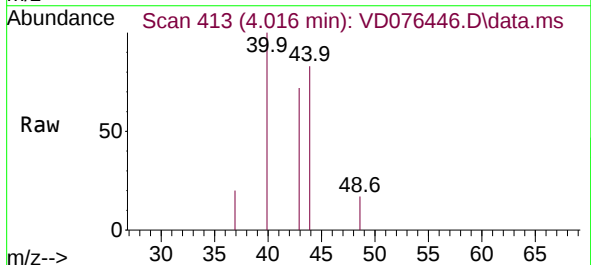
RT: 4.016 min Scan# 413

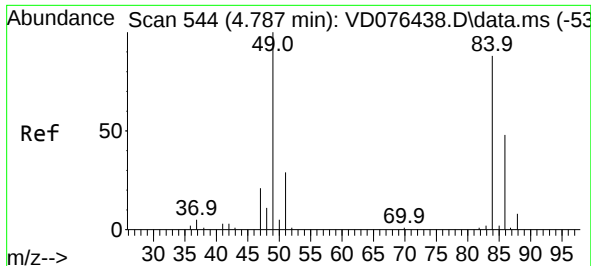
Delta R.T. -0.006 min

Lab File: VD076446.D

Acq: 15 Jun 2023 19:06

Tgt Ion:	43	Resp:	923
Ion	Ratio	Lower	Upper
43	100		
58	25.0	0.0	67.4

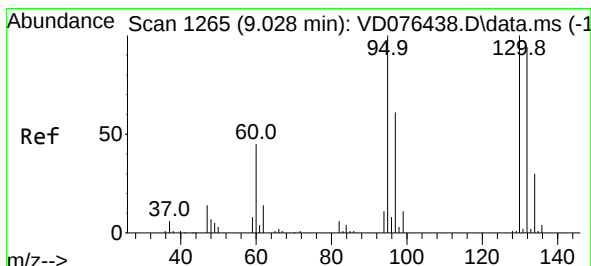
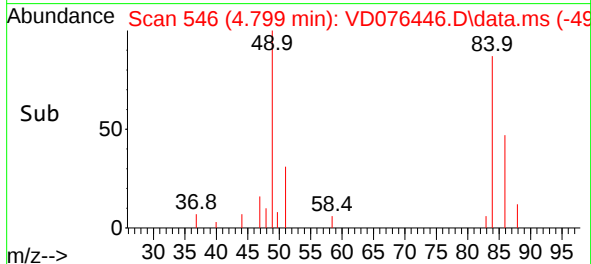
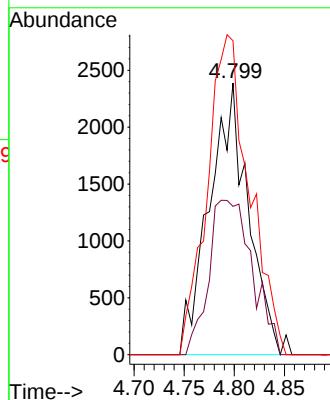
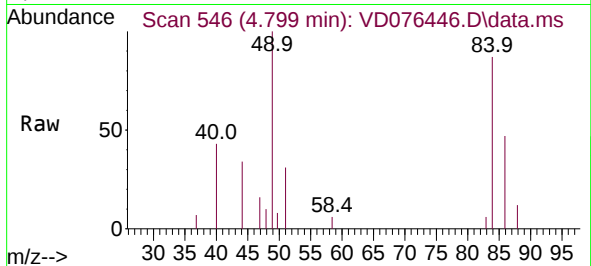




#16
Methylene chloride
Concen: 2.085 ug/L
RT: 4.799 min Scan# 544
Delta R.T. 0.012 min
Lab File: VD076446.D
Acq: 15 Jun 2023 19:06

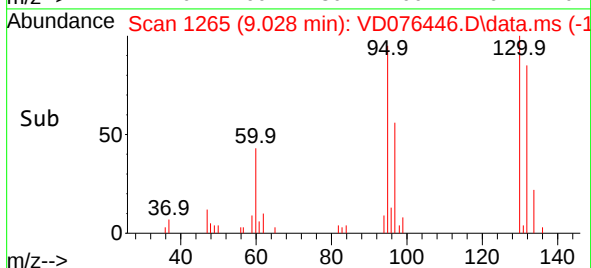
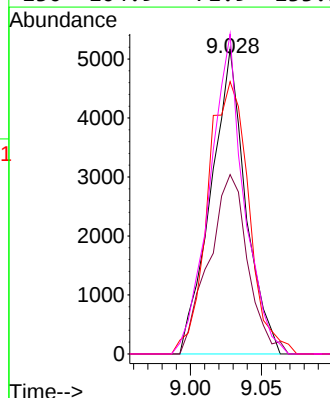
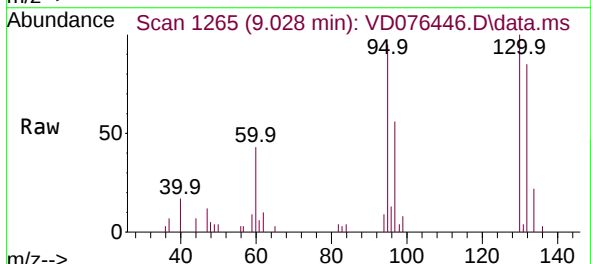
Instrument :
MSVOA_D
ClientSampleId :

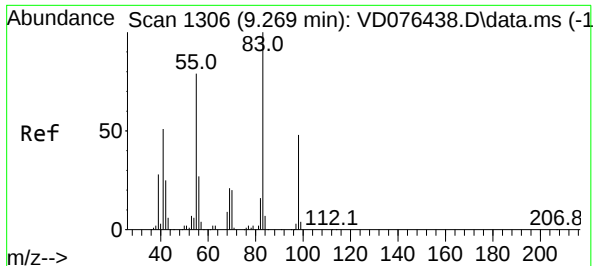
Tgt Ion: 84 Resp: 6410
Ion Ratio Lower Upper
84 100
86 54.6 45.1 83.9
49 124.5 97.2 180.6



#34
Trichloroethene
Concen: 3.236 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076446.D
Acq: 15 Jun 2023 19:06

Tgt Ion: 95 Resp: 8785
Ion Ratio Lower Upper
95 100
97 58.8 43.1 80.1
132 89.3 71.8 133.4
130 104.9 71.9 133.5

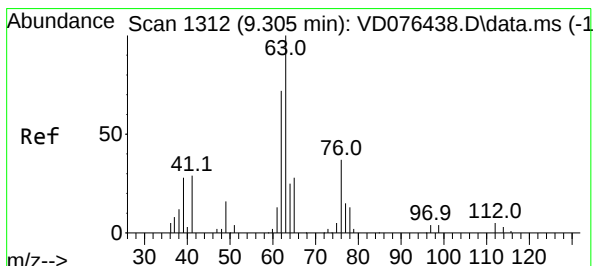
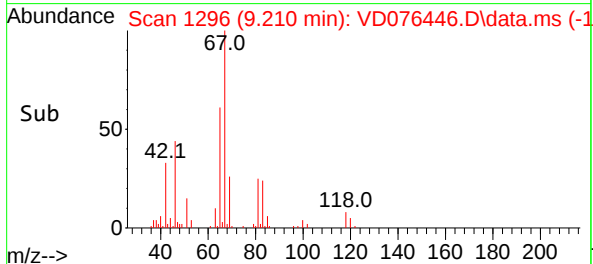
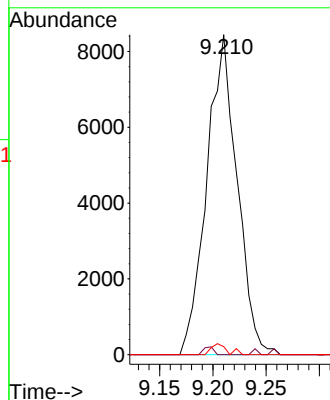
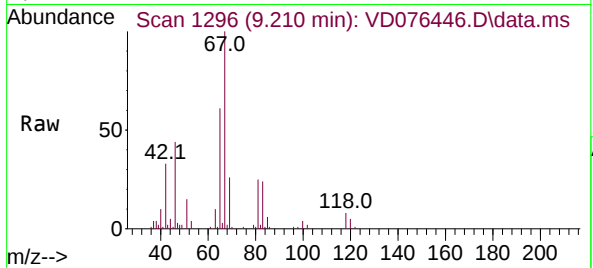




#35
Methylcyclohexane
Concen: 3.830 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD076446.D
Acq: 15 Jun 2023 19:06

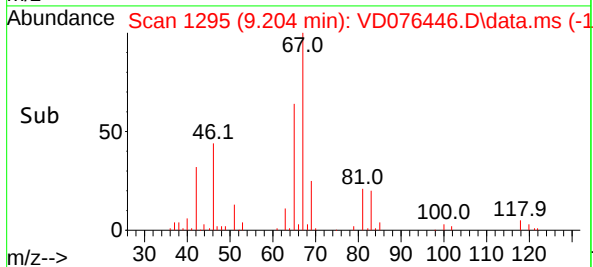
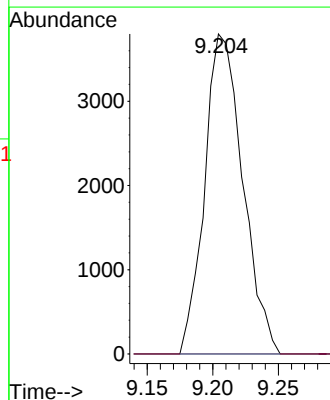
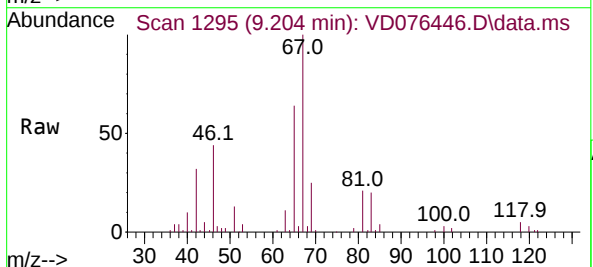
Instrument :
MSVOA_D
ClientSampleId :

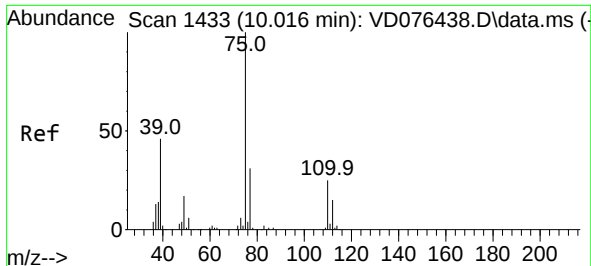
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	59.8	89.6#
98	1.5	37.8	56.6#



#37
1,2-Dichloropropane
Concen: 2.668 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD076446.D
Acq: 15 Jun 2023 19:06

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





#39

cis-1,3-Dichloropropene

Concen: 0.595 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.036 min

Lab File: VD076446.D

Acq: 15 Jun 2023 19:06

Instrument :

MSVOA_D

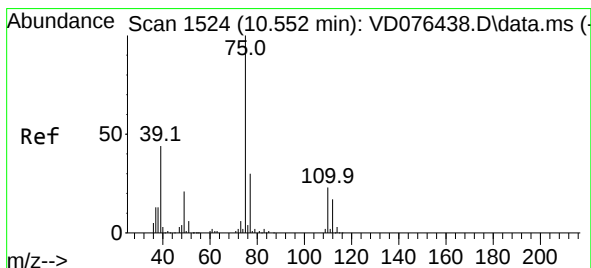
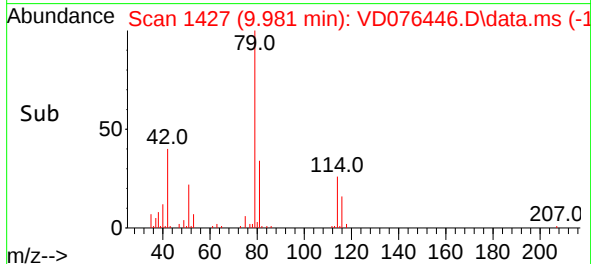
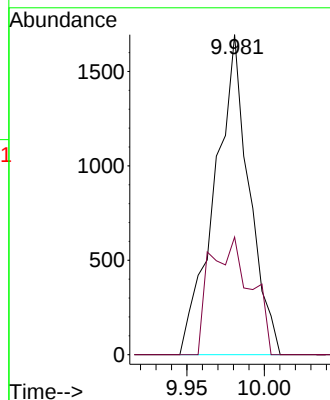
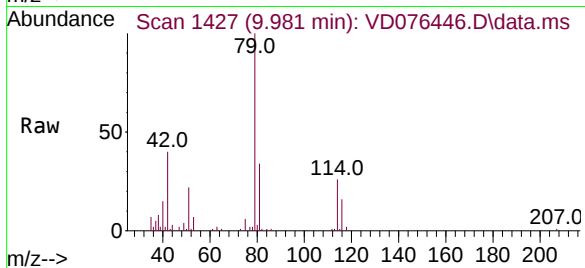
ClientSampleId :

Tgt Ion: 75 Resp: 2619

Ion Ratio Lower Upper

75 100

77 36.8 22.7 42.3



#44

trans-1,3-Dichloropropene

Concen: 0.450 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD076446.D

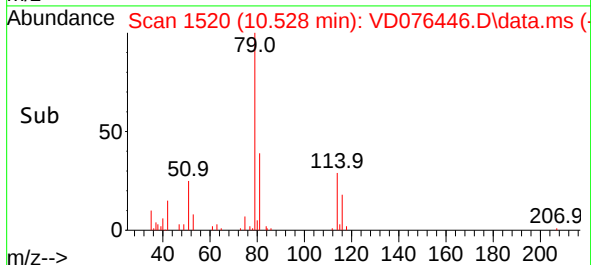
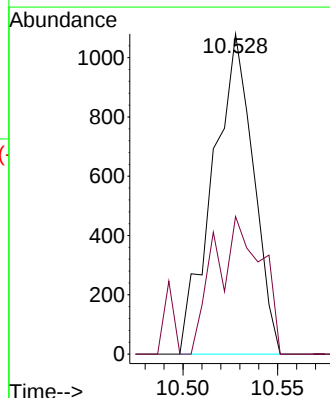
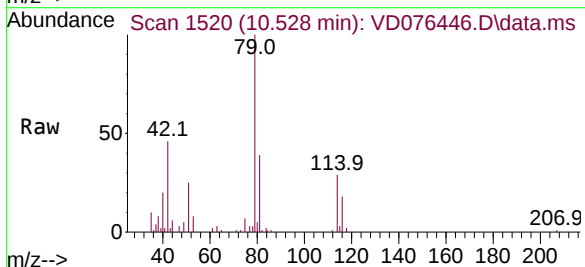
Acq: 15 Jun 2023 19:06

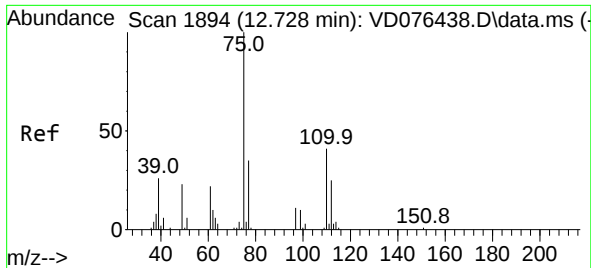
Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

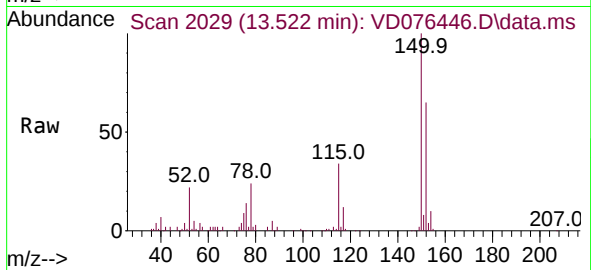
77 43.0 22.5 41.7#





#61
 1,2,3-Trichloropropane
 Concen: 6.845 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076446.D
 Acq: 15 Jun 2023 19:06

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 9572
 Ion Ratio Lower Upper
 75 100
 77 31.0 27.2 40.8
 110 2.2 31.8 47.6#

