

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076443.D
 Acq On : 15 Jun 2023 17:36
 Operator : KP/SY
 Sample : 03236-13
 Misc : 5.12G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 02:00:12 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)

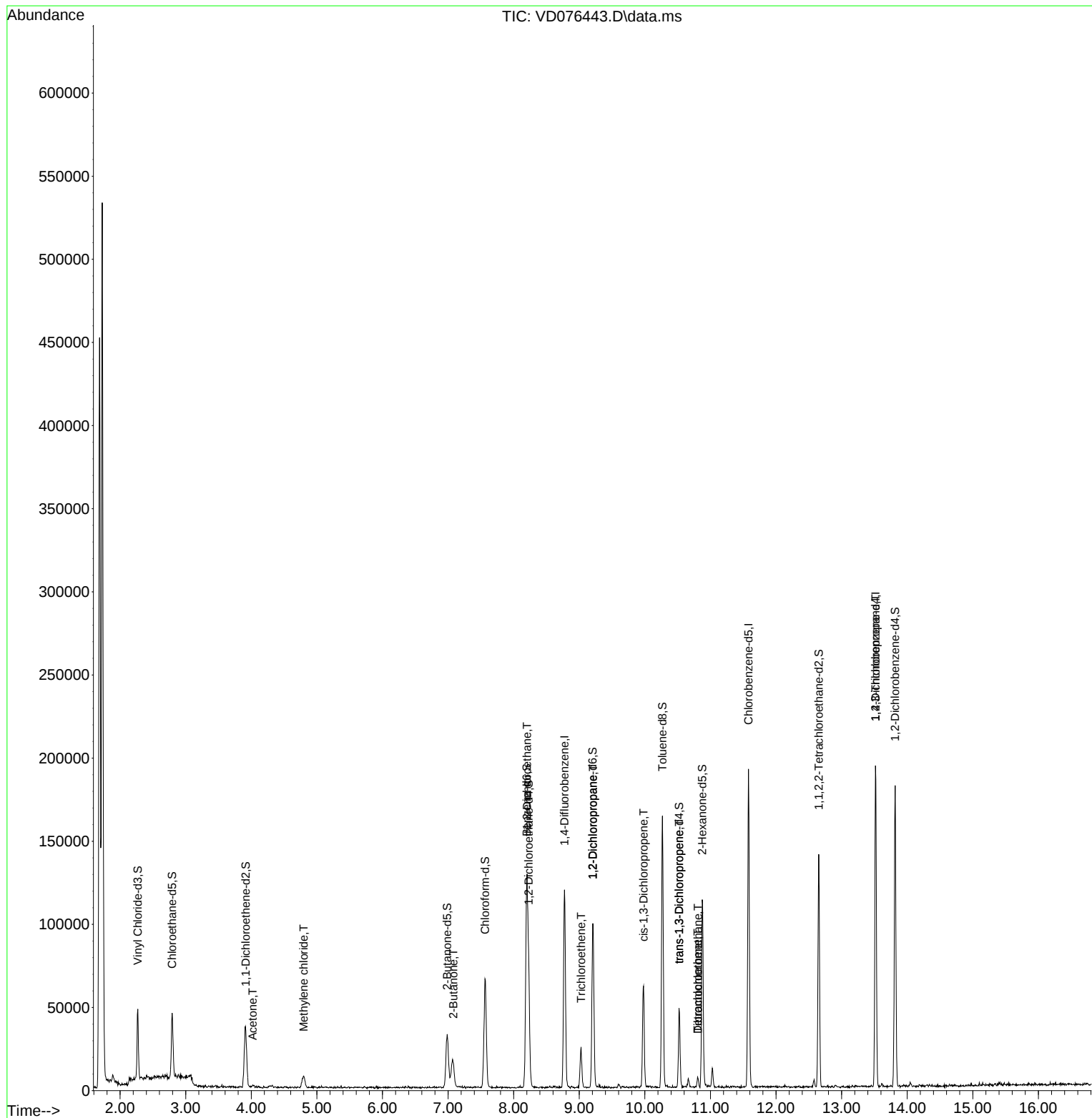
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	103946	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	104783	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	50935	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	36120	14.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.080%
7) Chloroethane-d5	2.793	69	37190	18.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.680%
11) 1,1-Dichloroethene-d2	3.916	65	10943	16.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.240%
21) 2-Butanone-d5	6.987	46	58167	151.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	303.440%#
24) Chloroform-d	7.563	84	65548	23.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.760%
26) 1,2-Dichloroethane-d4	8.228	65	46649	34.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	138.120%#
32) Benzene-d6	8.199	84	127055	19.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.280%
36) 1,2-Dichloropropane-d6	9.204	67	51392	25.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.269	98	111199	18.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.960%
43) trans-1,3-Dichloroprop...	10.522	79	24759	29.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.360%
47) 2-Hexanone-d5	10.875	63	41043	129.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	258.460%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70506	48.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	193.760%#
66) 1,2-Dichlorobenzene-d4	13.816	152	47795	25.600	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
13) Acetone	4.022	43	1068	3.449	ug/L	59
16) Methylene chloride	4.799	84	4824	2.670	ug/L	77
22) 2-Butanone	7.081	43	841	1.683	ug/L #	49
27) 1,2-Dichloroethane	8.204	62	445	0.270	ug/L #	71
34) Trichloroethene	9.028	95	7074	3.971	ug/L	92
37) 1,2-Dichloropropane	9.210	63	5649	2.988	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	1709	0.592	ug/L #	75
44) trans-1,3-Dichloropropene	10.522	75	1338	0.570	ug/L #	49
46) Tetrachloroethene	10.804	164	756	0.540	ug/L	79
49) Dibromochloromethane	10.810	129	1225	0.831	ug/L #	10
61) 1,2,3-Trichloropropane	13.516	75	6989	7.070	ug/L #	66

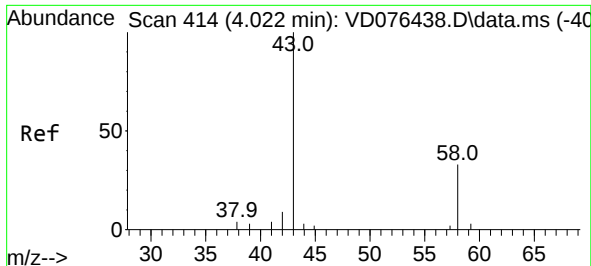
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.449 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076443.D

Acq: 15 Jun 2023 17:36

Instrument :

MSVOA_D

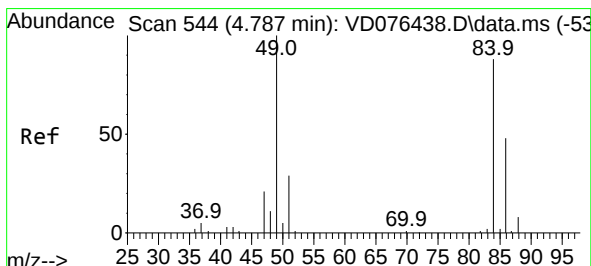
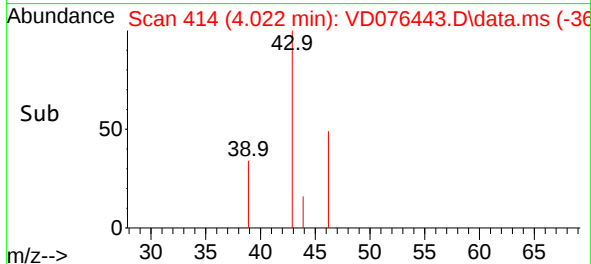
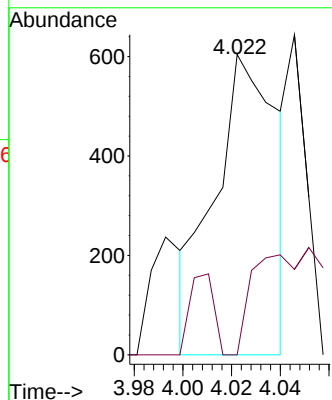
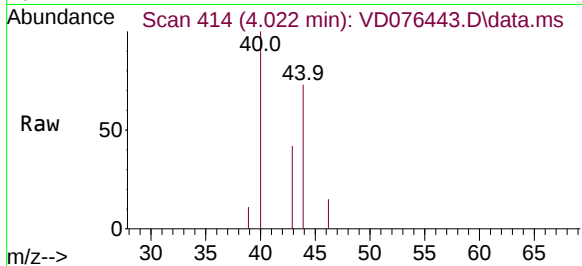
ClientSampleId :

Tgt Ion: 43 Resp: 1068

Ion Ratio Lower Upper

43 100

58 10.5 0.0 67.4



#16

Methylene chloride

Concen: 2.670 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.012 min

Lab File: VD076443.D

Acq: 15 Jun 2023 17:36

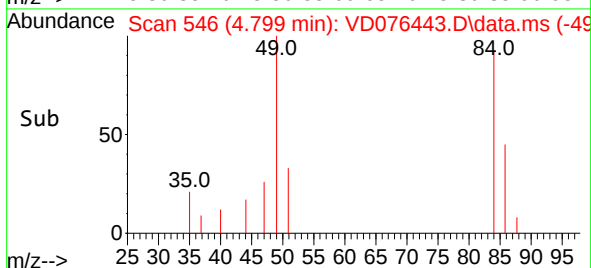
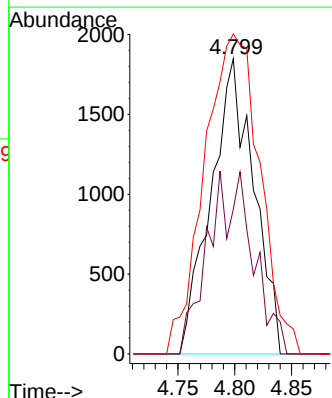
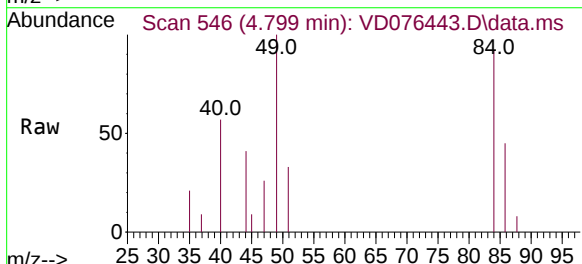
Tgt Ion: 84 Resp: 4824

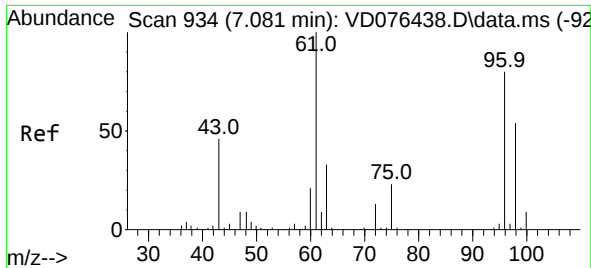
Ion Ratio Lower Upper

84 100

86 49.0 45.1 83.9

49 108.4 97.2 180.6

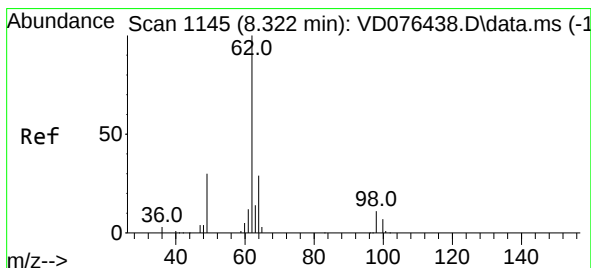
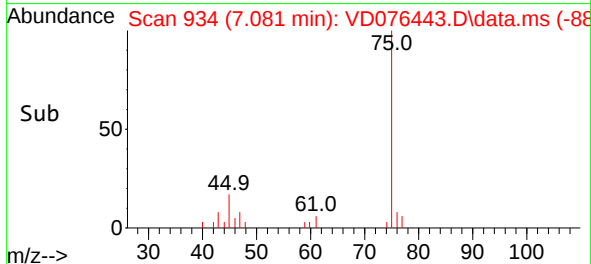
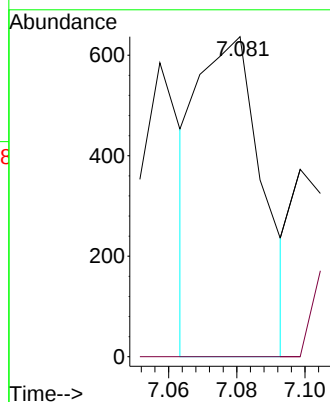
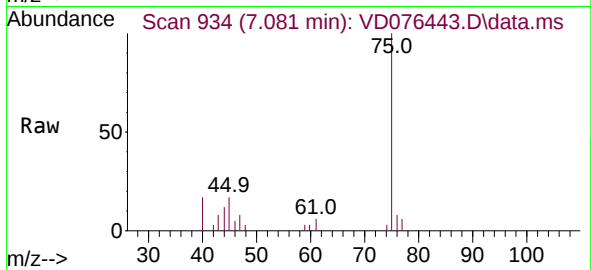




#22
2-Butanone
Concen: 1.683 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076443.D
Acq: 15 Jun 2023 17:36

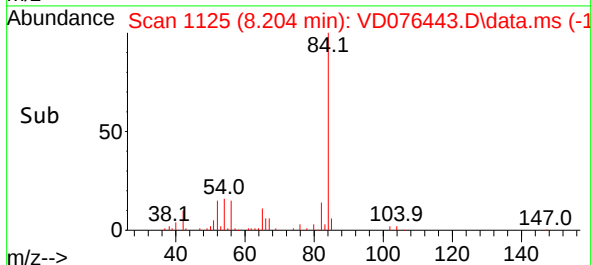
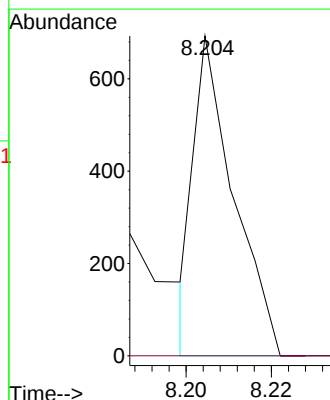
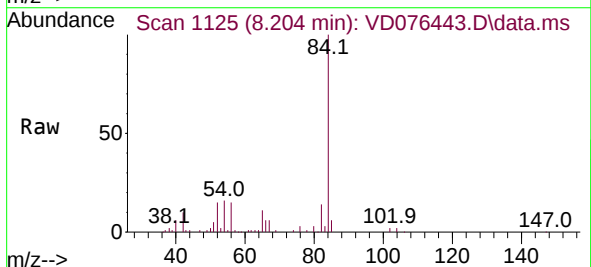
Instrument :
MSVOA_D
ClientSampleId :

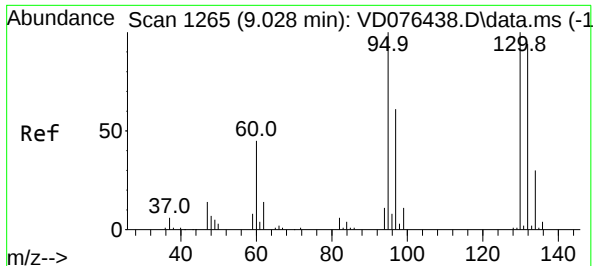
Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.7#



#27
1,2-Dichloroethane
Concen: 0.270 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.118 min
Lab File: VD076443.D
Acq: 15 Jun 2023 17:36

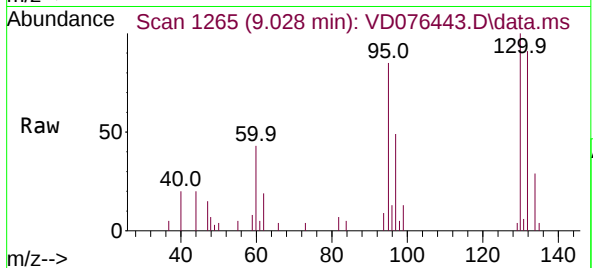
Tgt Ion: 62 Resp: 445
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



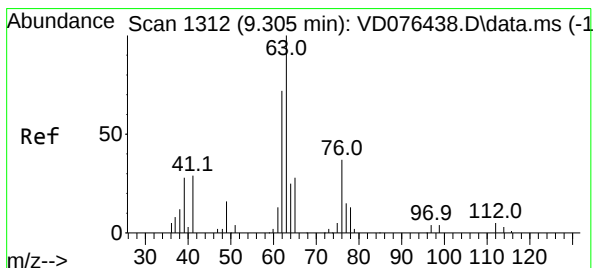
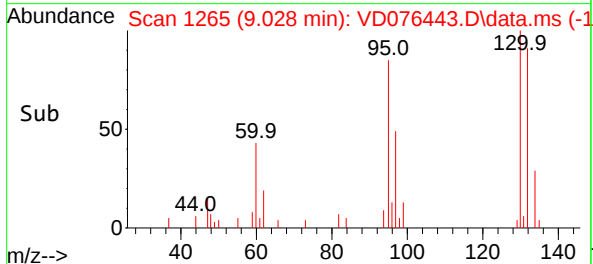
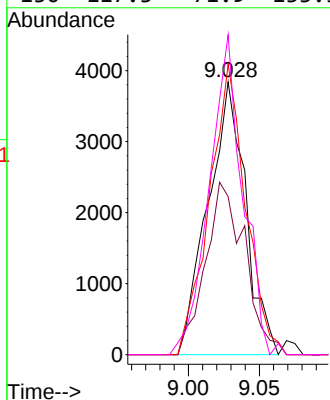


#34
Trichloroethene
Concen: 3.971 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076443.D
Acq: 15 Jun 2023 17:36

Instrument :
MSVOA_D
ClientSampleId :

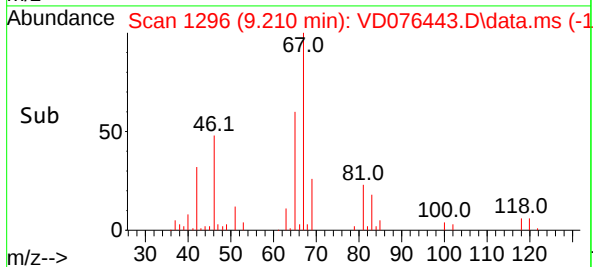
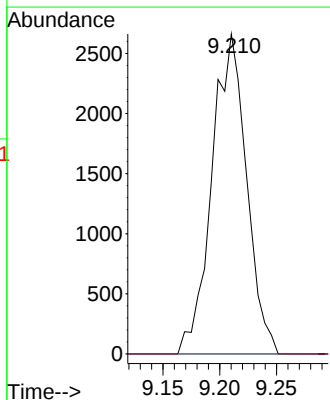
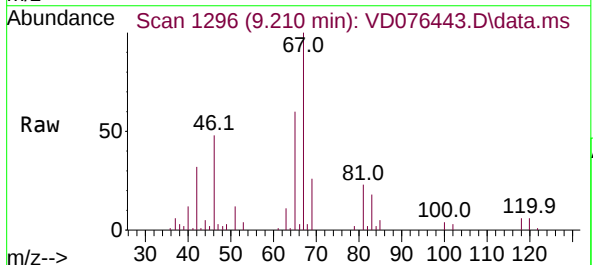


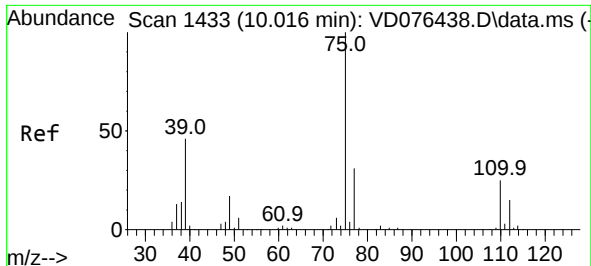
Tgt Ion	95	Resp:	7074
Ion Ratio	100	Lower	Upper
95	100		
97	57.9	43.1	80.1
132	106.4	71.8	133.4
130	117.3	71.9	133.5



#37
1,2-Dichloropropane
Concen: 2.988 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076443.D
Acq: 15 Jun 2023 17:36

Tgt Ion	63	Resp:	5649
Ion Ratio	100	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.592 ug/L

RT: 9.981 min Scan# 14

Delta R.T. -0.035 min

Lab File: VD076443.D

Acq: 15 Jun 2023 17:36

Instrument :

MSVOA_D

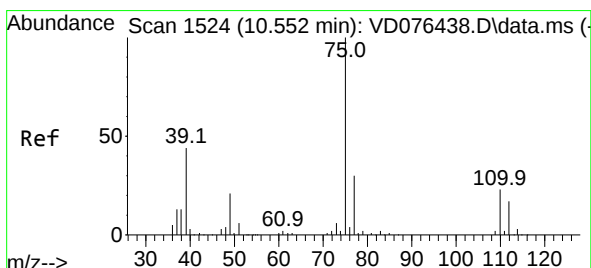
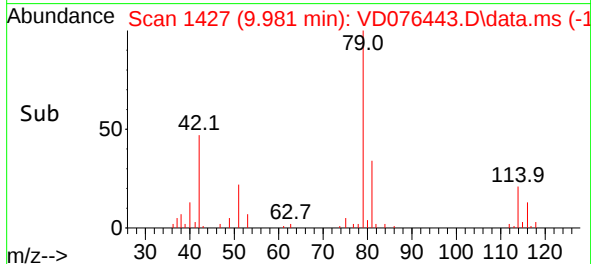
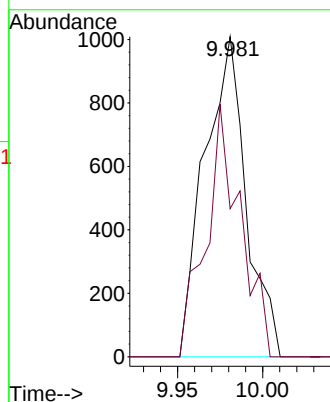
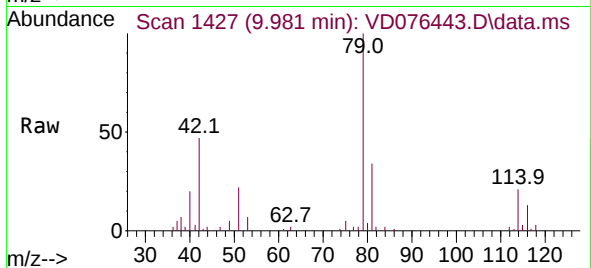
ClientSampleId :

Tgt Ion: 75 Resp: 1709

Ion Ratio Lower Upper

75 100

77 46.3 22.7 42.3#



#44

trans-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.030 min

Lab File: VD076443.D

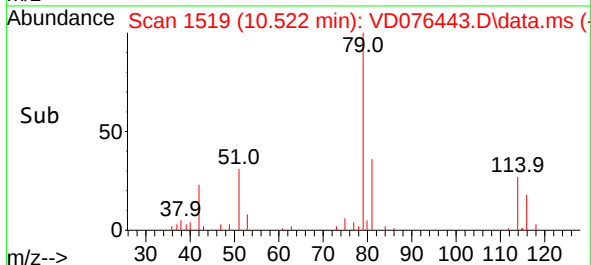
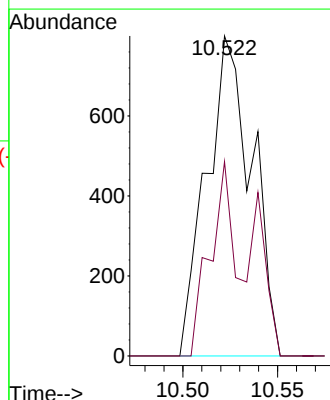
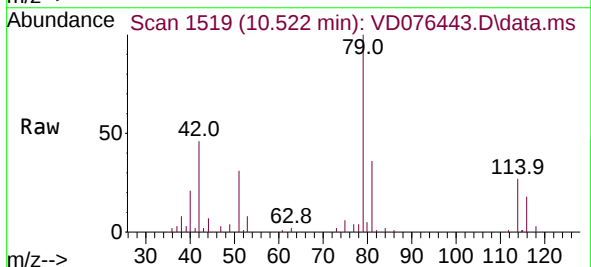
Acq: 15 Jun 2023 17:36

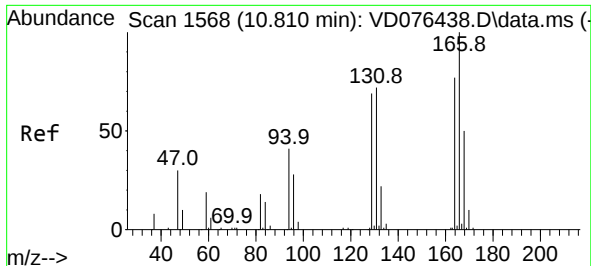
Tgt Ion: 75 Resp: 1338

Ion Ratio Lower Upper

75 100

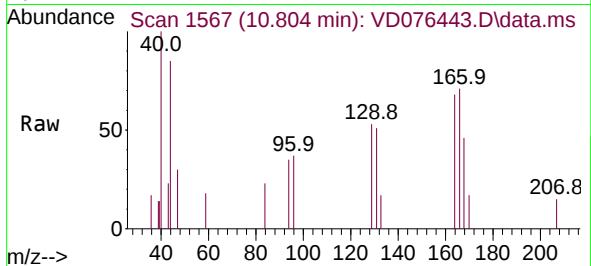
77 60.8 22.5 41.7#



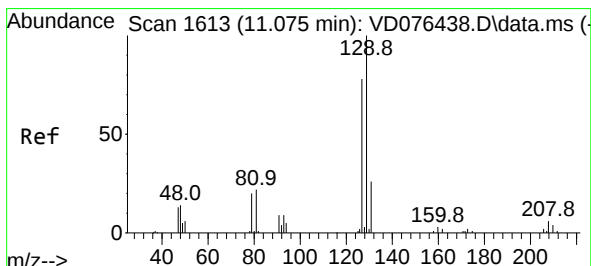
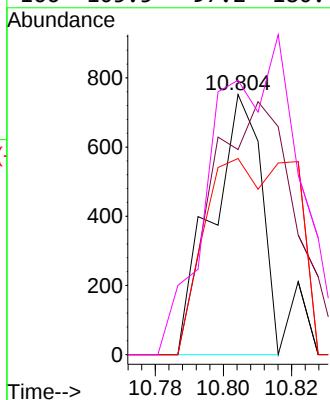
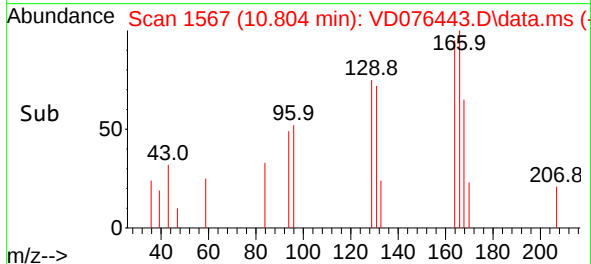


#46
Tetrachloroethene
Concen: 0.540 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076443.D
Acq: 15 Jun 2023 17:36

Instrument :
MSVOA_D
ClientSampleId :

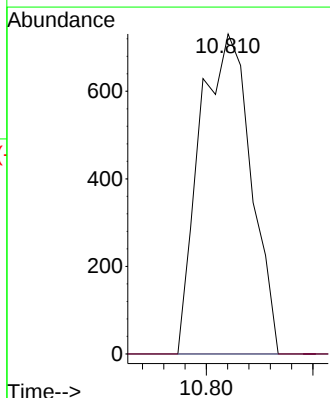
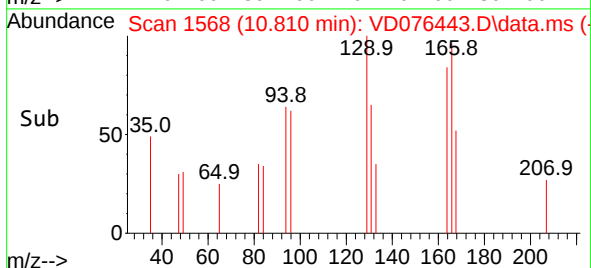
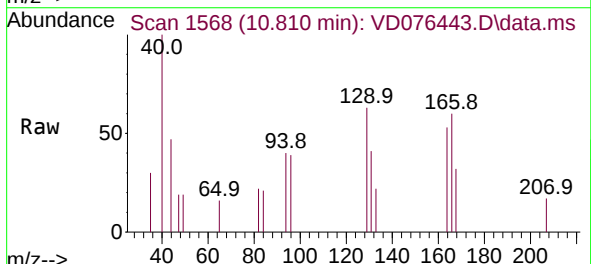


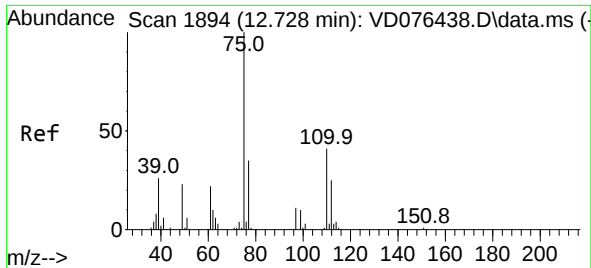
Tgt	Ion:164	Resp:	756
Ion	Ratio	Lower	Upper
164	100		
129	78.9	65.5	121.6
131	75.4	64.8	120.3
166	105.5	97.2	180.4



#49
Dibromochloromethane
Concen: 0.831 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD076443.D
Acq: 15 Jun 2023 17:36

Tgt Ion:129	Resp:	1225	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#61

1,2,3-Trichloropropane

Concen: 7.070 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

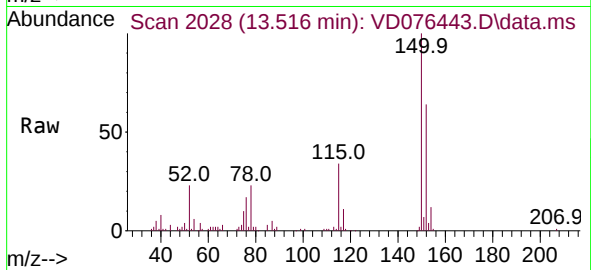
Lab File: VD076443.D

Acq: 15 Jun 2023 17:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 6989

Ion Ratio Lower Upper

75 100

77 33.5 27.2 40.8

110 1.3 31.8 47.6#

