

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075983.D
 Acq On : 03 May 2023 15:58
 Operator : KP/SY
 Sample : 02593-03
 Misc : 5.53G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 03:08:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

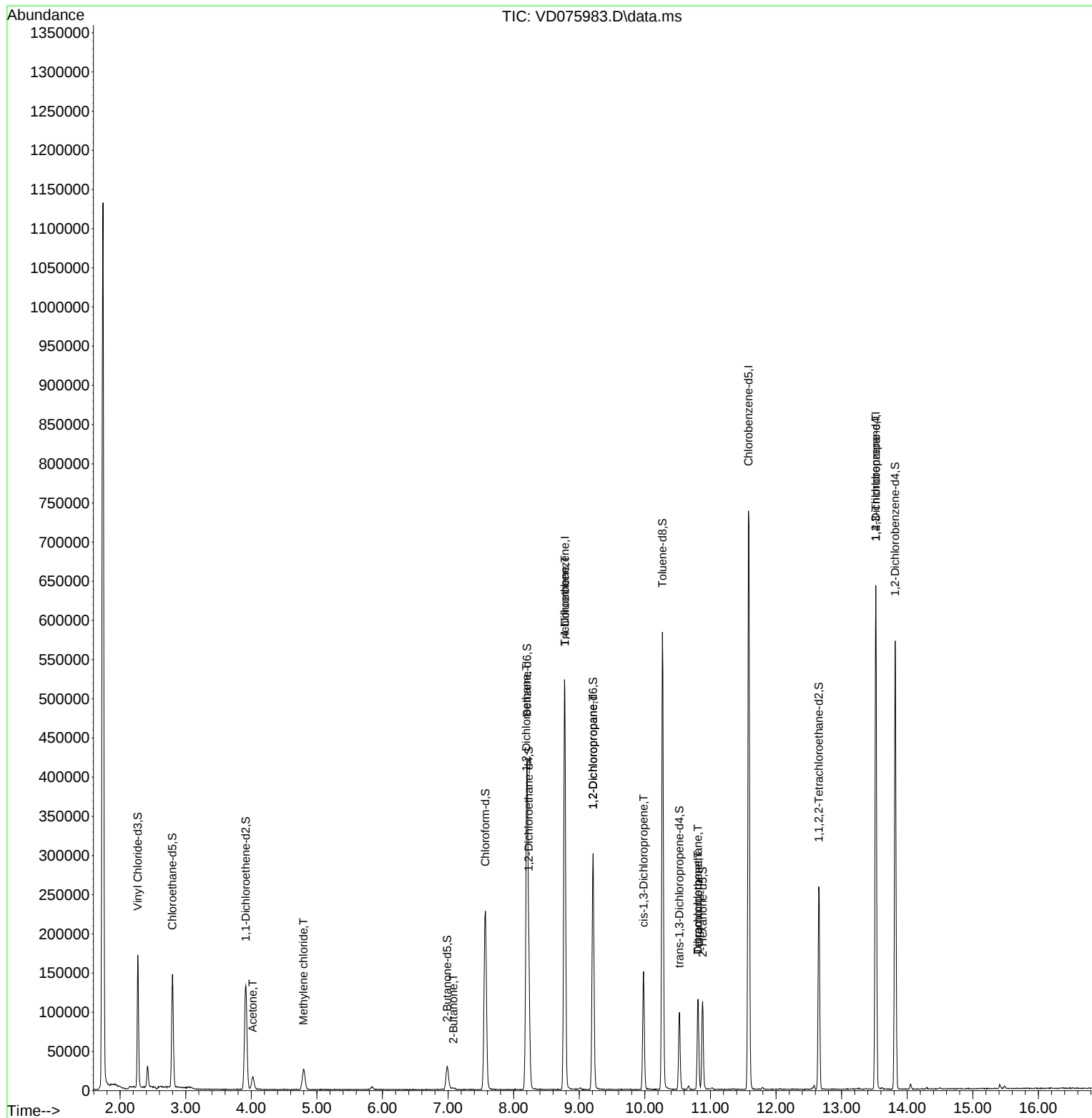
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	507857	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	474106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	190760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	154169	13.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.360%
7) Chloroethane-d5	2.799	69	155546	16.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.640%
11) 1,1-Dichloroethene-d2	3.916	65	37360	14.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.200%
21) 2-Butanone-d5	6.987	46	51226	52.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.920%
24) Chloroform-d	7.569	84	258316	20.340	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.360%
26) 1,2-Dichloroethane-d4	8.228	65	112906	20.818	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.280%
32) Benzene-d6	8.204	84	475331	17.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.800%
36) 1,2-Dichloropropane-d6	9.210	67	159063	20.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.200%
41) Toluene-d8	10.269	98	427309	16.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.080%
43) trans-1,3-Dichloroprop...	10.528	79	58978	18.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.640%
47) 2-Hexanone-d5	10.881	63	40150	43.597	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.200%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	137565	23.504	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	163372	24.213	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%
Target Compounds						Qvalue
13) Acetone	4.022	43	28454	34.378	ug/L	91
16) Methylene chloride	4.793	84	23546	2.285	ug/L	91
22) 2-Butanone	7.081	43	1944	1.802	ug/L #	54
27) 1,2-Dichloroethane	8.193	62	2579	0.406	ug/L #	68
34) Trichloroethene	8.781	95	13073	1.763	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	15924	2.417	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3730	0.356	ug/L #	65
46) Tetrachloroethene	10.810	164	28542	4.692	ug/L	97
49) Dibromochloromethane	10.810	129	25021	4.101	ug/L #	10
61) 1,2,3-Trichloropropane	13.522	75	21303	7.109	ug/L #	63

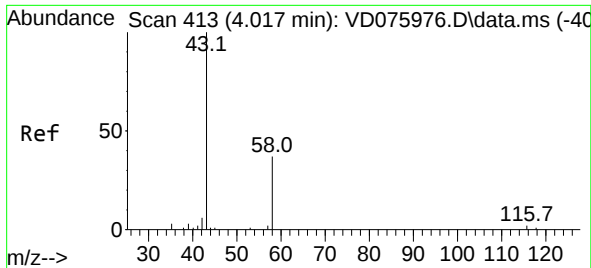
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu May 04 02:54:49 2023
Response via : Initial Calibration





#13

Acetone

Concen: 34.378 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075983.D

Acq: 03 May 2023 15:58

Instrument :

MSVOA_D

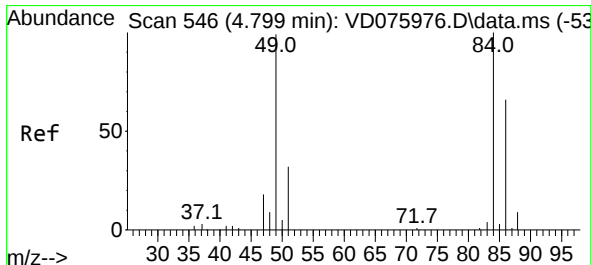
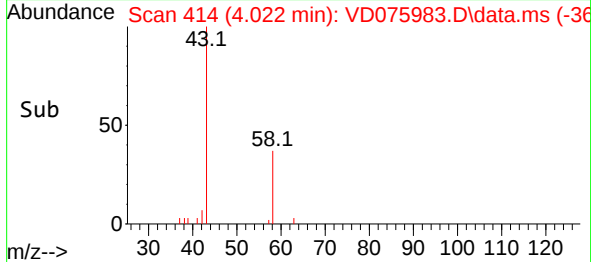
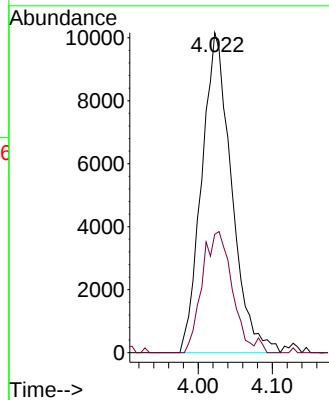
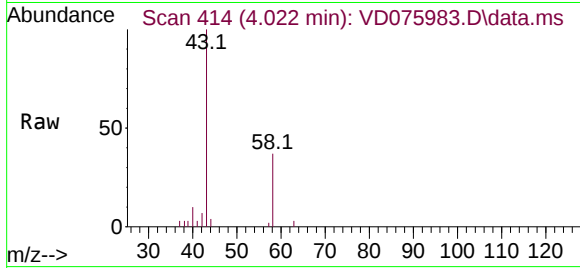
ClientSampleId :

Tgt Ion: 43 Resp: 28454

Ion Ratio Lower Upper

43 100

58 37.7 0.0 87.4



#16

Methylene chloride

Concen: 2.285 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075983.D

Acq: 03 May 2023 15:58

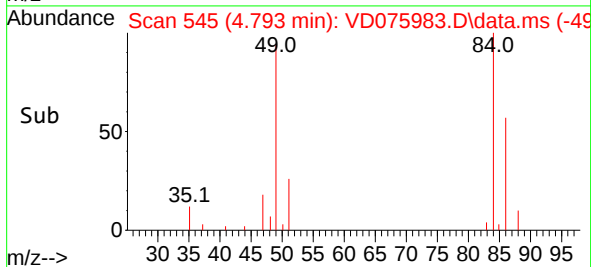
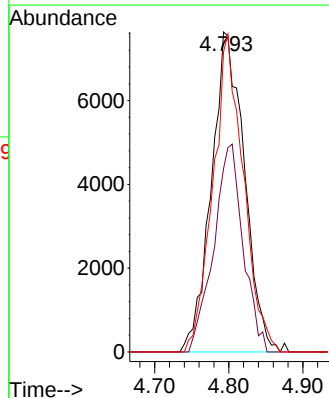
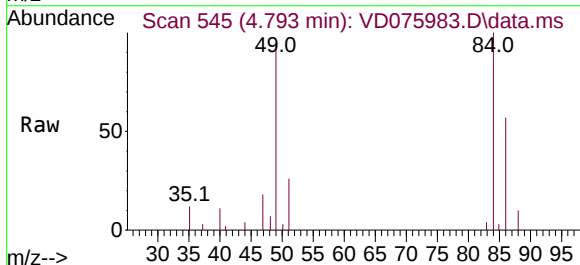
Tgt Ion: 84 Resp: 23546

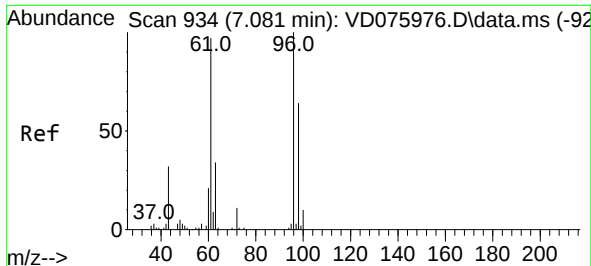
Ion Ratio Lower Upper

84 100

86 57.3 45.8 85.2

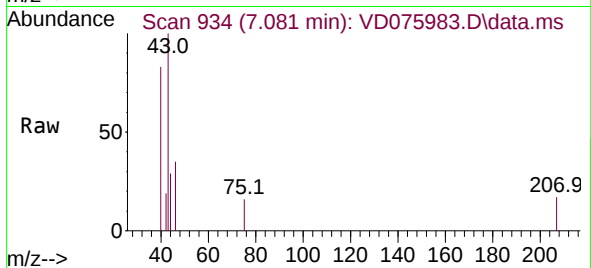
49 93.8 60.8 112.8



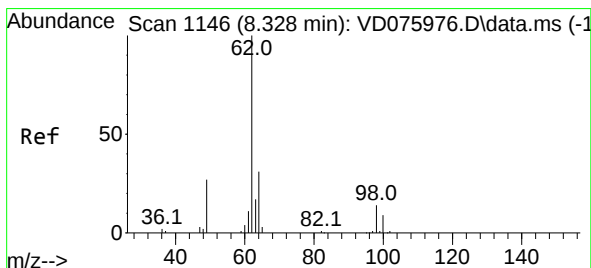
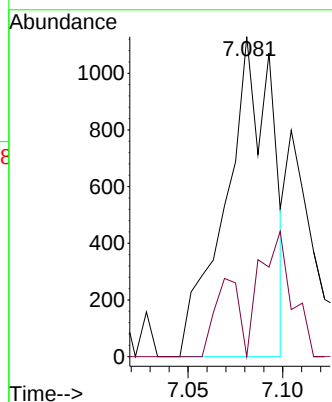
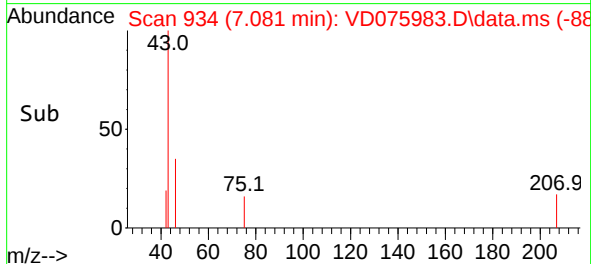


#22
2-Butanone
Concen: 1.802 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075983.D
Acq: 03 May 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :

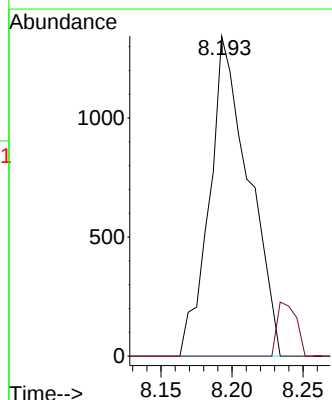
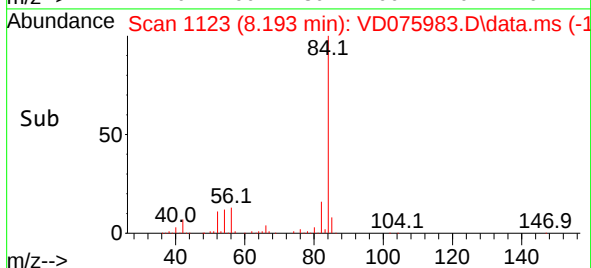
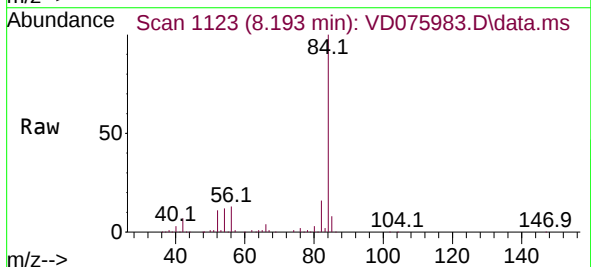


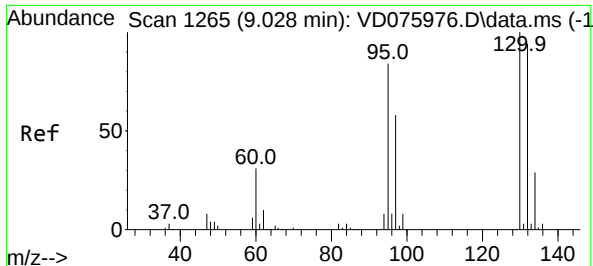
Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
72 12.6 20.5 61.5#



#27
1,2-Dichloroethane
Concen: 0.406 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.135 min
Lab File: VD075983.D
Acq: 03 May 2023 15:58

Tgt Ion: 62 Resp: 2579
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#

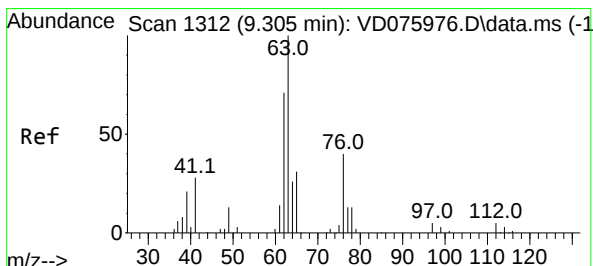
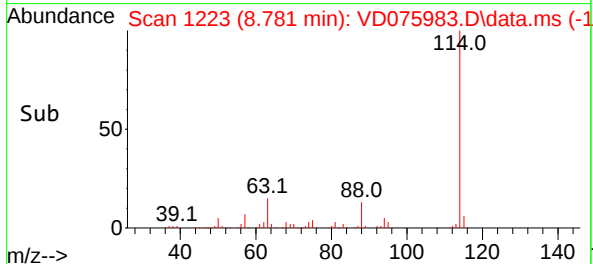
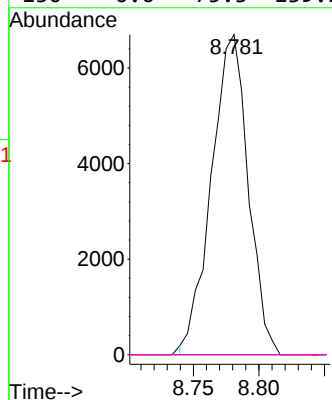
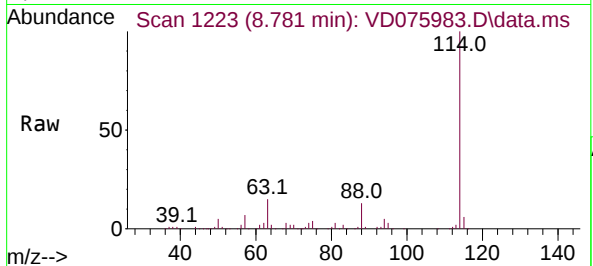




#34
 Trichloroethene
 Concen: 1.763 ug/L
 RT: 8.781 min Scan# 11
 Delta R.T. -0.247 min
 Lab File: VD075983.D
 Acq: 03 May 2023 15:58

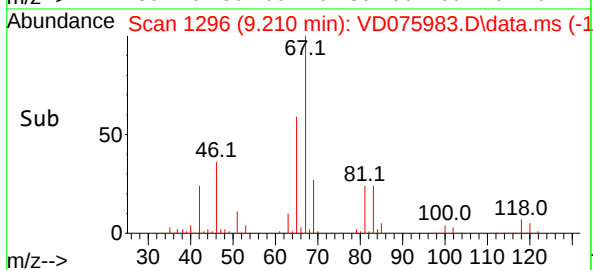
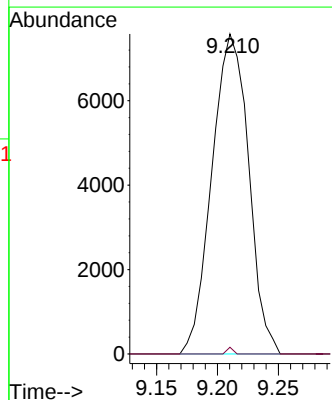
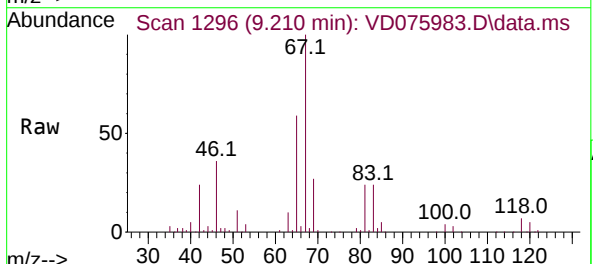
Instrument :
 MSVOA_D
 ClientSampleId :

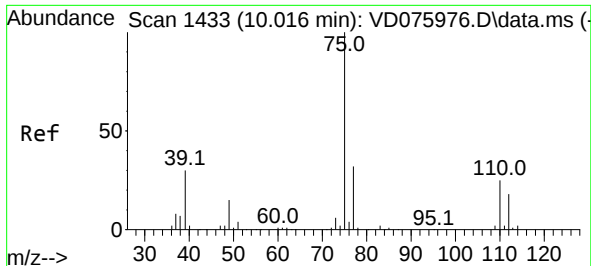
Tgt Ion: 95 Resp: 13073
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.0 85.4#
 132 0.0 73.3 136.1#
 130 0.0 75.3 139.9#



#37
 1,2-Dichloropropane
 Concen: 2.417 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD075983.D
 Acq: 03 May 2023 15:58

Tgt Ion: 63 Resp: 15924
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#

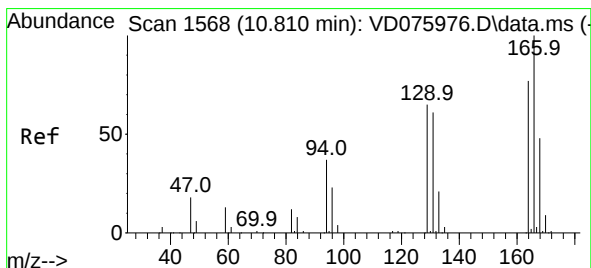
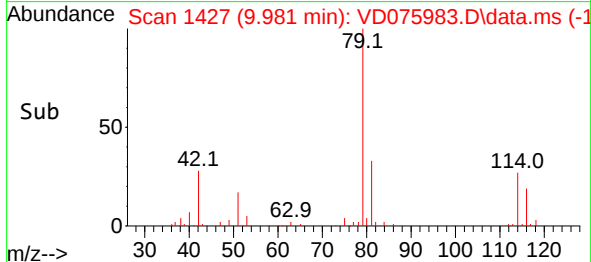
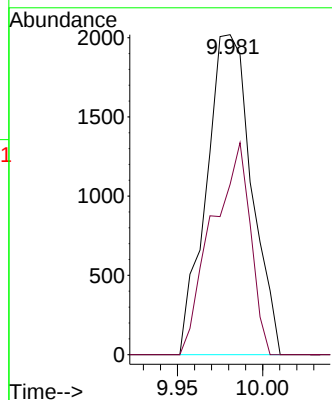
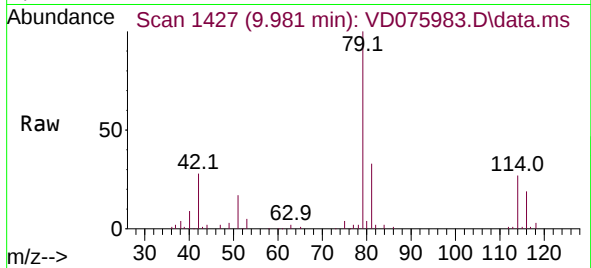




#39
cis-1,3-Dichloropropene
Concen: 0.356 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD075983.D
Acq: 03 May 2023 15:58

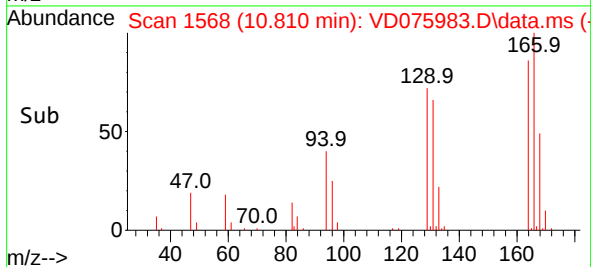
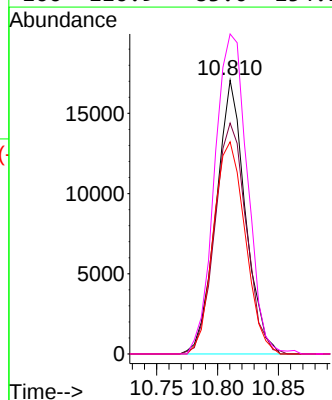
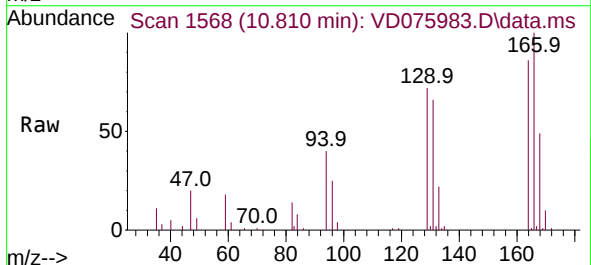
Instrument :
MSVOA_D
ClientSampleId :

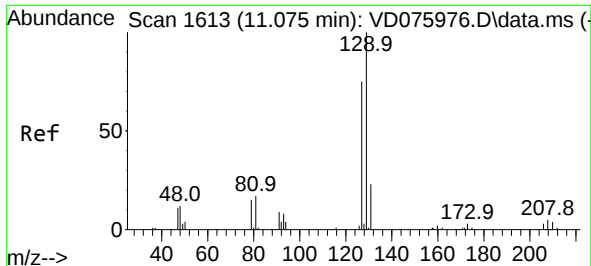
Tgt Ion: 75 Resp: 3730
Ion Ratio Lower Upper
75 100
77 53.2 23.4 43.6#



#46
Tetrachloroethene
Concen: 4.692 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075983.D
Acq: 03 May 2023 15:58

Tgt Ion:164 Resp: 28542
Ion Ratio Lower Upper
164 100
129 84.3 60.3 112.1
131 77.5 58.9 109.3
166 116.9 83.0 154.1





#49

Dibromochloromethane

Concen: 4.101 ug/L

RT: 10.810 min Scan# 11

Delta R.T. -0.265 min

Lab File: VD075983.D

Acq: 03 May 2023 15:58

Instrument :

MSVOA_D

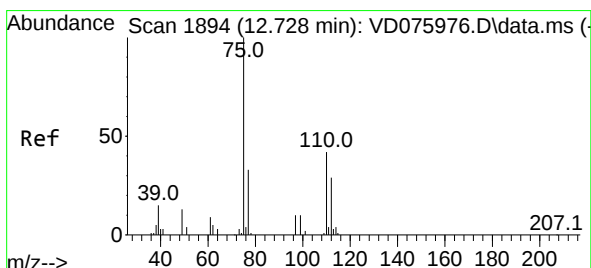
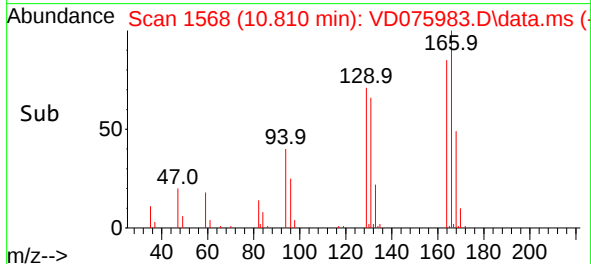
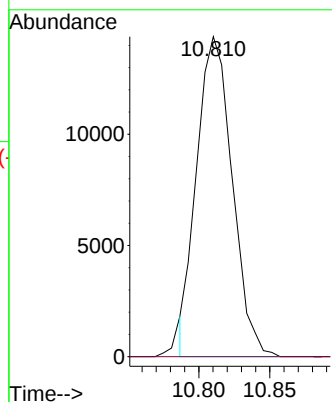
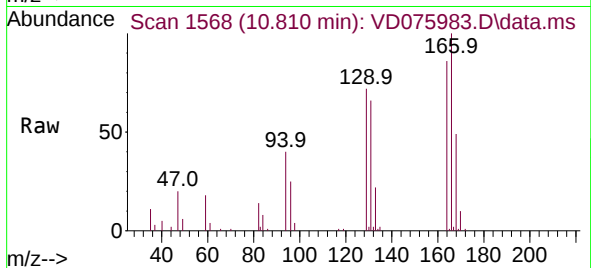
ClientSampleId :

Tgt Ion:129 Resp: 25021

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#61

1,2,3-Trichloropropane

Concen: 7.109 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.794 min

Lab File: VD075983.D

Acq: 03 May 2023 15:58

Tgt Ion: 75 Resp: 21303

Ion Ratio Lower Upper

75 100

77 30.1 26.6 39.8

110 2.2 33.5 50.3#

