

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075948.D
 Acq On : 01 May 2023 19:27
 Operator : KP/SY
 Sample : 02564-09
 Misc : 5.72G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:35:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

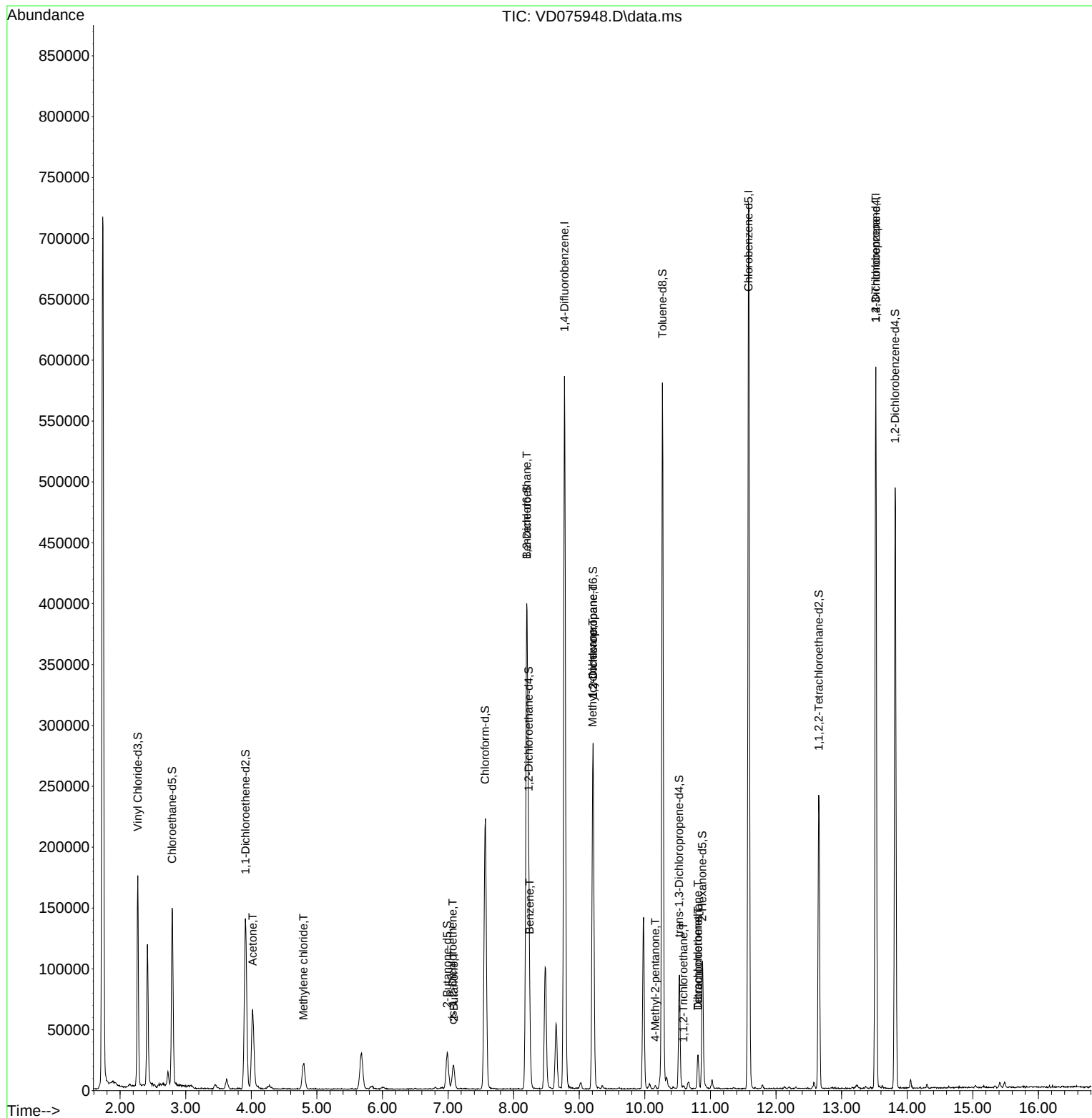
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	563700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	461089	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	176030	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	160122	12.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.800%
7) Chloroethane-d5	2.793	69	159571	14.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.720%
11) 1,1-Dichloroethene-d2	3.910	65	36312	12.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.960%
21) 2-Butanone-d5	6.987	46	49973	46.550	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.100%
24) Chloroform-d	7.563	84	241115	17.105	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.400%
26) 1,2-Dichloroethane-d4	8.228	65	106826	17.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.000%
32) Benzene-d6	8.198	84	457142	17.010	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.040%
36) 1,2-Dichloropropane-d6	9.210	67	148870	20.013	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.040%
41) Toluene-d8	10.269	98	415094	16.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.000%
43) trans-1,3-Dichloroprop...	10.522	79	55915	18.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.760%
47) 2-Hexanone-d5	10.875	63	38763	43.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.560%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	127293	22.363	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	147065	23.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.480%
Target Compounds						Qvalue
13) Acetone	4.022	43	106503	115.928	ug/L	98
16) Methylene chloride	4.793	84	17654	1.544	ug/L	90
20) cis-1,2-Dichloroethene	7.069	96	2627	0.299	ug/L	84
22) 2-Butanone	7.087	43	21784	18.188	ug/L	88
27) 1,2-Dichloroethane	8.198	62	1906	0.271	ug/L #	68
33) Benzene	8.245	78	8689	0.312	ug/L	100
35) Methylcyclohexane	9.204	83	35707	3.211	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	15468	2.414	ug/L #	85
40) 4-Methyl-2-pentanone	10.157	43	1835	0.786	ug/L #	69
45) 1,1,2-Trichloroethane	10.587	97	1930	0.354	ug/L #	18
46) Tetrachloroethene	10.810	164	7102	1.200	ug/L	86
49) Dibromochloromethane	10.810	129	5790	0.976	ug/L #	10
61) 1,2,3-Trichloropropane	13.522	75	18715	6.768	ug/L #	62

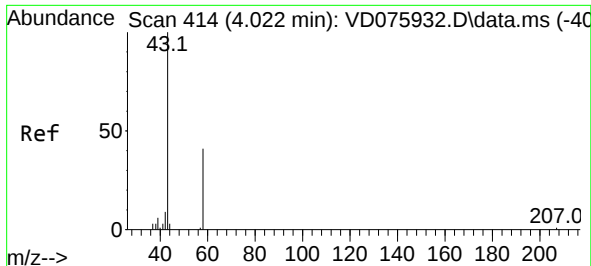
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
Data File : VD075948.D
Acq On : 01 May 2023 19:27
Operator : KP/SY
Sample : 02564-09
Misc : 5.72G/10.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

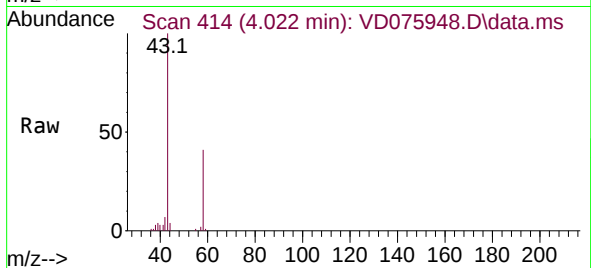
Quant Time: May 02 02:35:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 02 02:31:38 2023
Response via : Initial Calibration



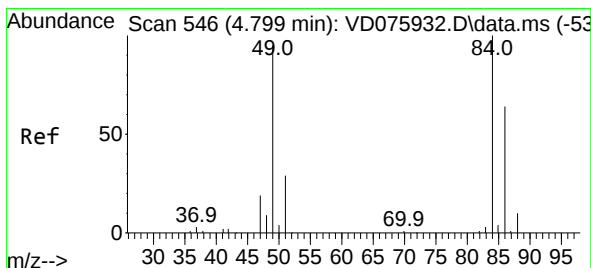
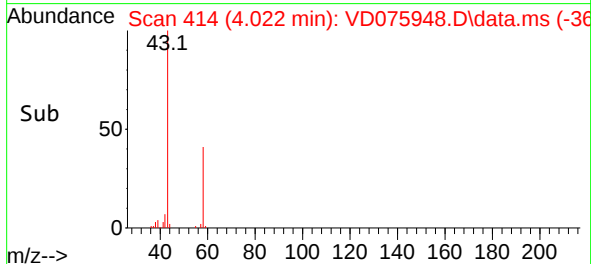
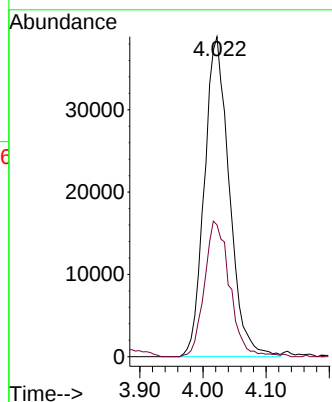


#13
Acetone
Concen: 115.928 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075948.D
Acq: 01 May 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

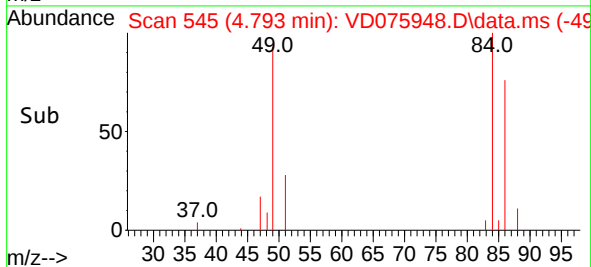
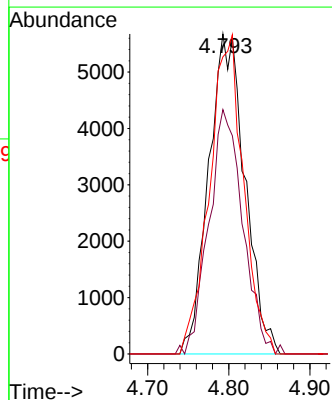
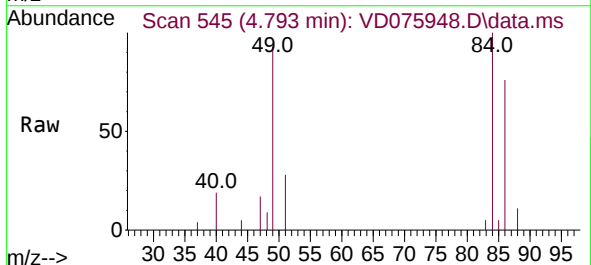


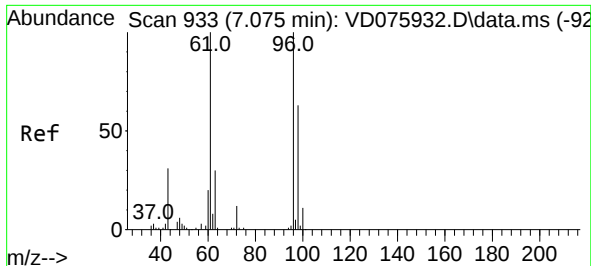
Tgt Ion: 43 Resp: 106503
Ion Ratio Lower Upper
43 100
58 42.5 0.0 87.4



#16
Methylene chloride
Concen: 1.544 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD075948.D
Acq: 01 May 2023 19:27

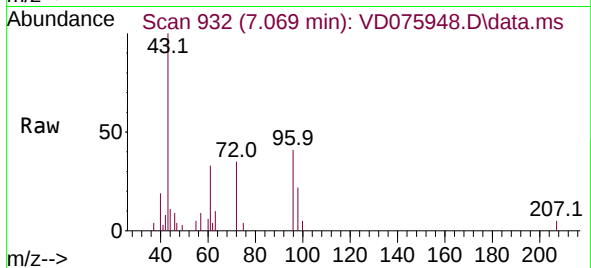
Tgt Ion: 84 Resp: 17654
Ion Ratio Lower Upper
84 100
86 76.4 45.8 85.2
49 92.8 60.8 112.8



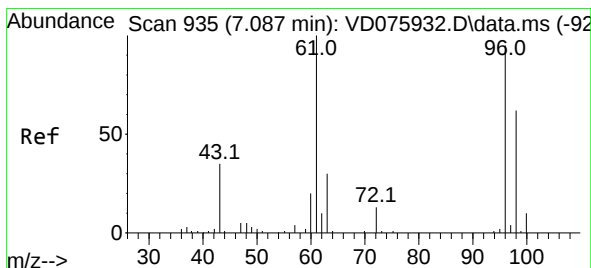
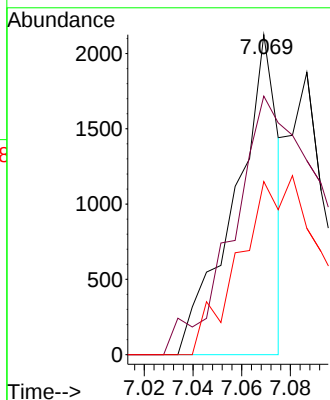
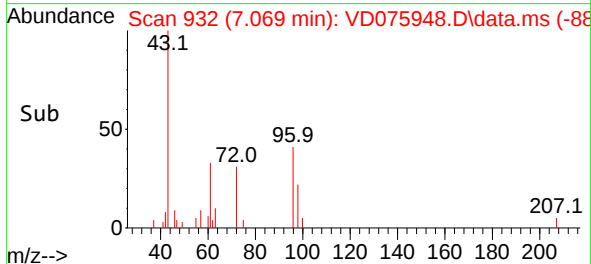


#20
cis-1,2-Dichloroethene
Concen: 0.299 ug/L
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075948.D
Acq: 01 May 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

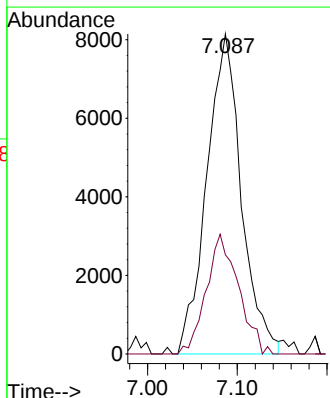
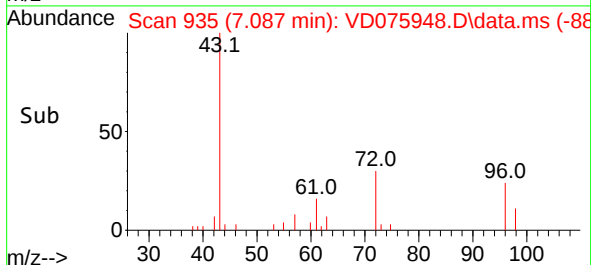
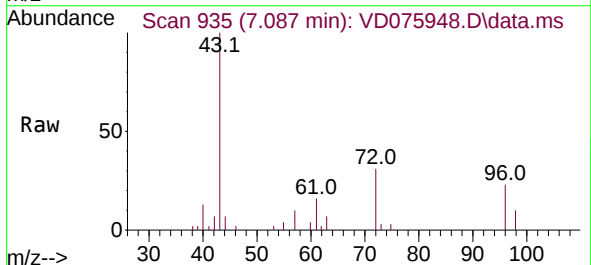


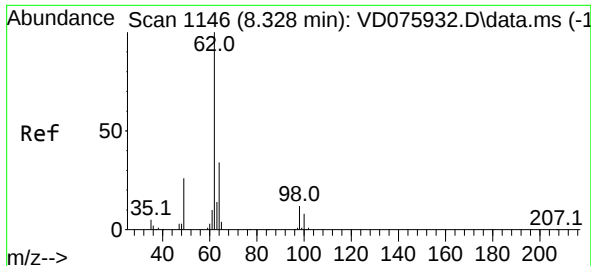
Tgt Ion: 96 Resp: 2627
Ion Ratio Lower Upper
96 100
61 80.8 67.5 125.3
98 54.1 47.5 88.1



#22
2-Butanone
Concen: 18.188 ug/L
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD075948.D
Acq: 01 May 2023 19:27

Tgt Ion: 43 Resp: 21784
Ion Ratio Lower Upper
43 100
72 33.5 20.5 61.5

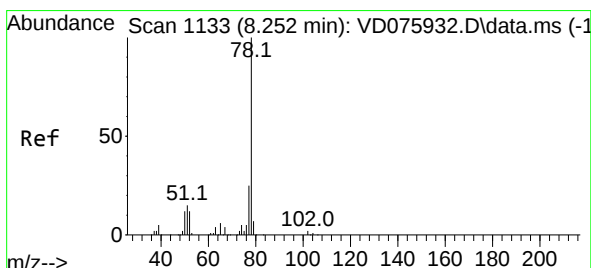
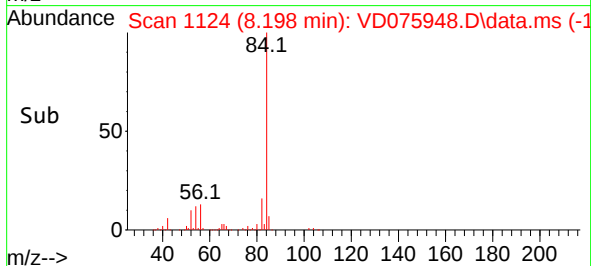
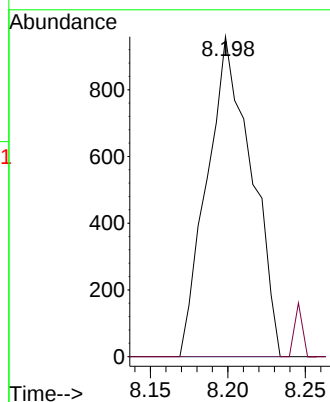
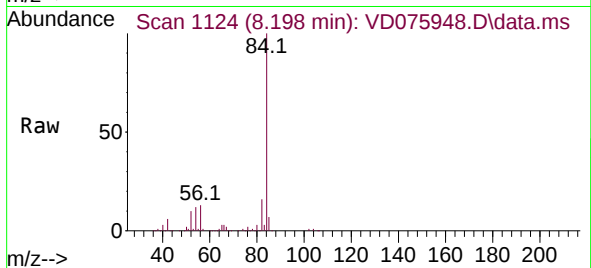




#27
1,2-Dichloroethane
Concen: 0.271 ug/L
RT: 8.198 min Scan# 1146
Delta R.T. -0.130 min
Lab File: VD075948.D
Acq: 01 May 2023 19:27

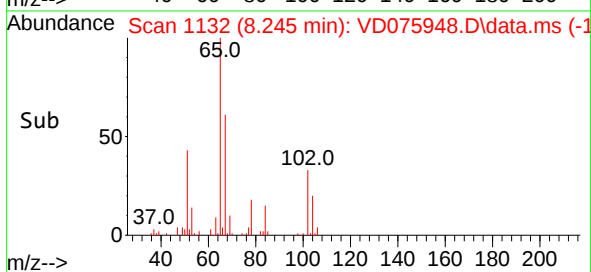
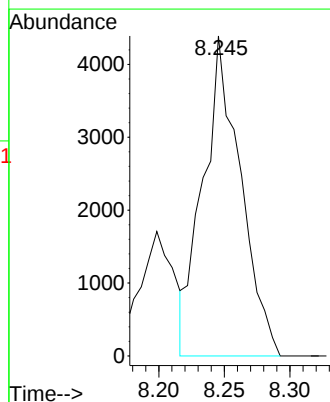
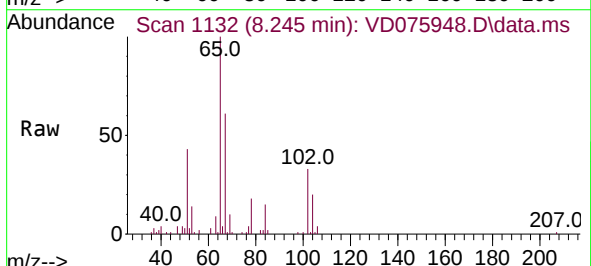
Instrument :
MSVOA_D
ClientSampleId :

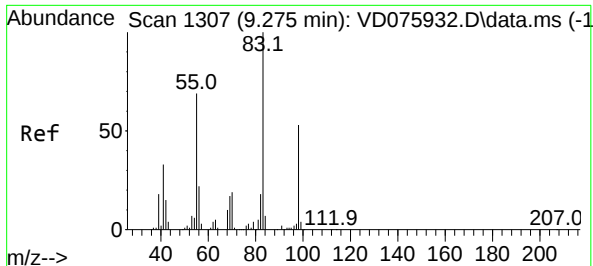
Tgt Ion: 62 Resp: 1906
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#33
Benzene
Concen: 0.312 ug/L
RT: 8.245 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD075948.D
Acq: 01 May 2023 19:27

Tgt Ion: 78 Resp: 8689





#35

Methylcyclohexane

Concen: 3.211 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

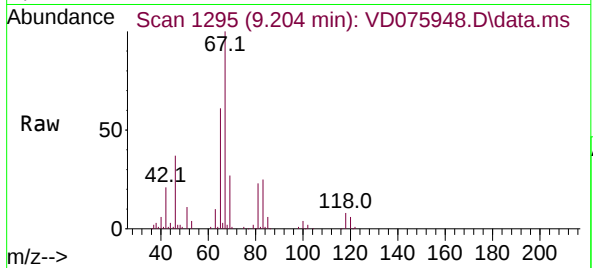
Lab File: VD075948.D

Acq: 01 May 2023 19:27

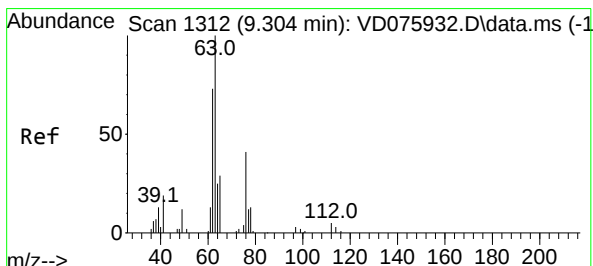
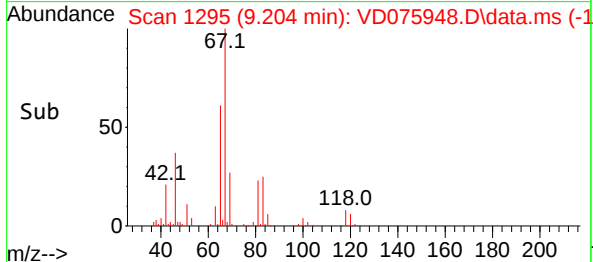
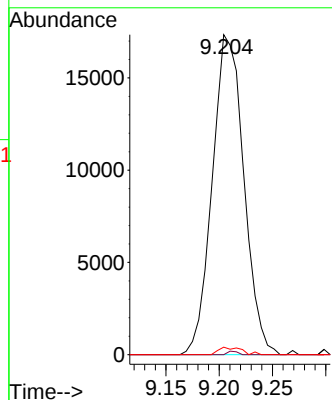
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	35707
Ion	Ratio	Lower	Upper
83	100		
55	0.3	48.2	72.2#
98	0.9	40.8	61.2#



#37

1,2-Dichloropropane

Concen: 2.414 ug/L

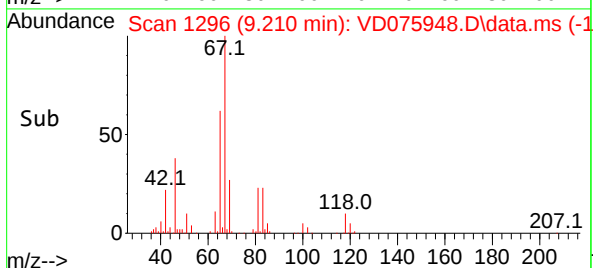
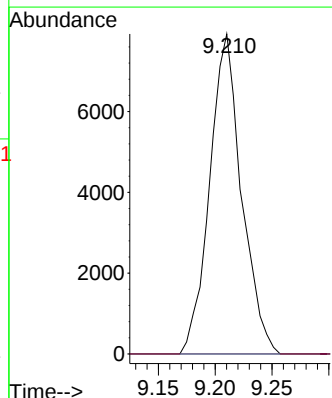
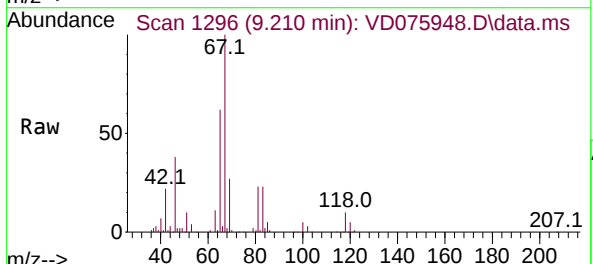
RT: 9.210 min Scan# 1296

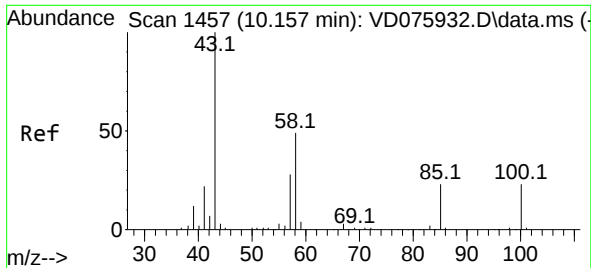
Delta R.T. -0.094 min

Lab File: VD075948.D

Acq: 01 May 2023 19:27

Tgt Ion:	63	Resp:	15468
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

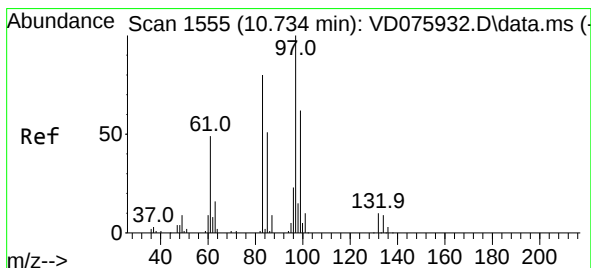
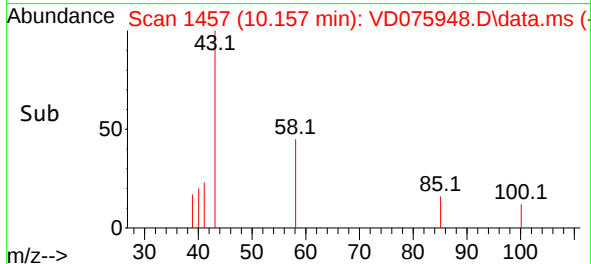
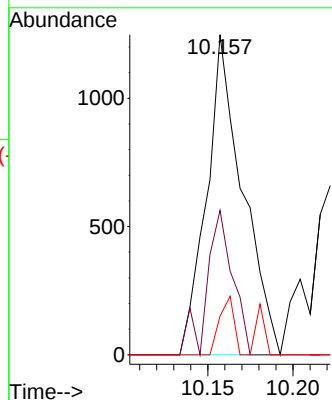
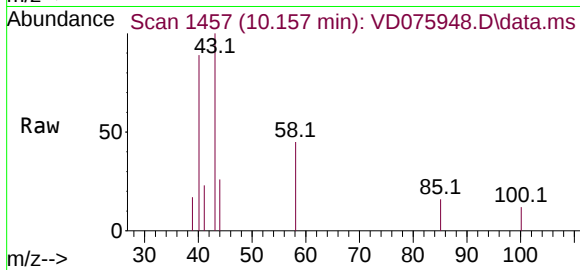




#40
 4-Methyl-2-pentanone
 Concen: 0.786 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075948.D
 Acq: 01 May 2023 19:27

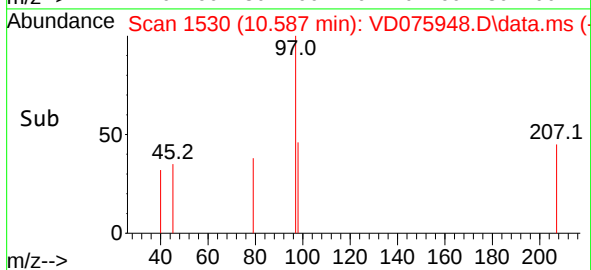
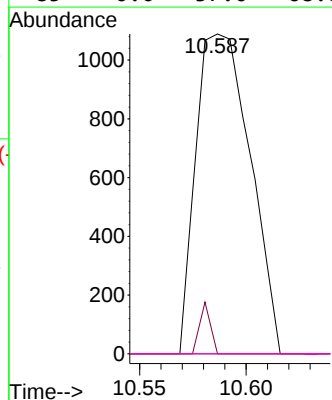
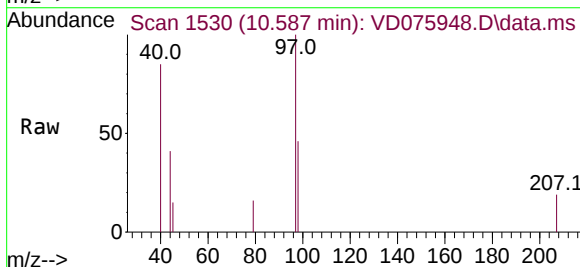
Instrument :
 MSVOA_D
 ClientSampleId :

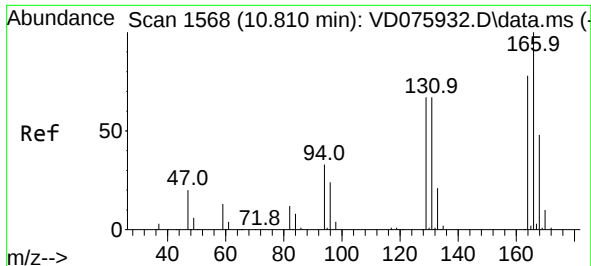
Tgt Ion: 43 Resp: 1835
 Ion Ratio Lower Upper
 43 100
 58 28.9 39.1 58.7#
 100 7.3 19.4 29.0#



#45
 1,1,2-Trichloroethane
 Concen: 0.354 ug/L
 RT: 10.587 min Scan# 1530
 Delta R.T. -0.147 min
 Lab File: VD075948.D
 Acq: 01 May 2023 19:27

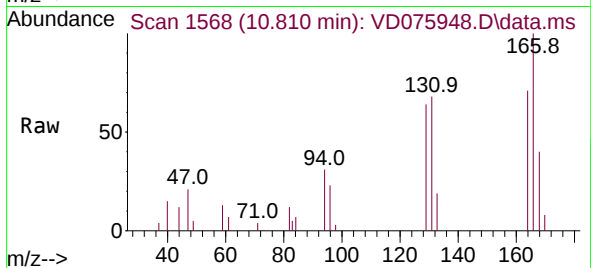
Tgt Ion: 97 Resp: 1930
 Ion Ratio Lower Upper
 97 100
 99 0.0 42.2 78.4#
 83 0.0 54.8 101.8#
 85 0.0 37.0 68.8#



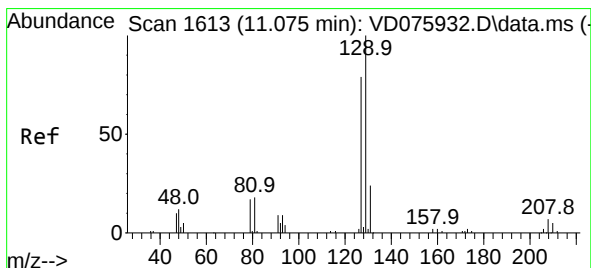
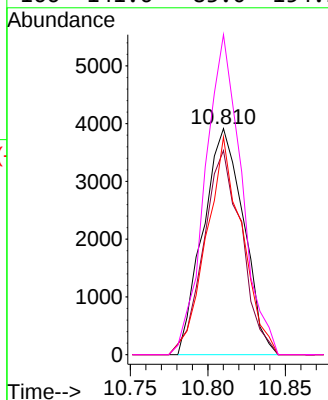
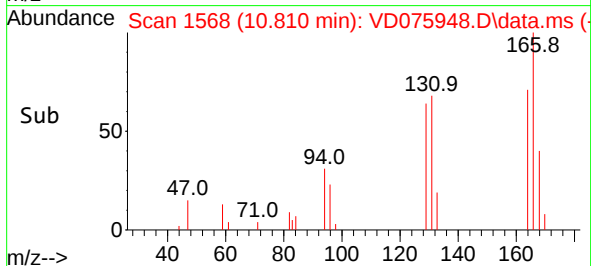


#46
Tetrachloroethene
Concen: 1.200 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075948.D
Acq: 01 May 2023 19:27

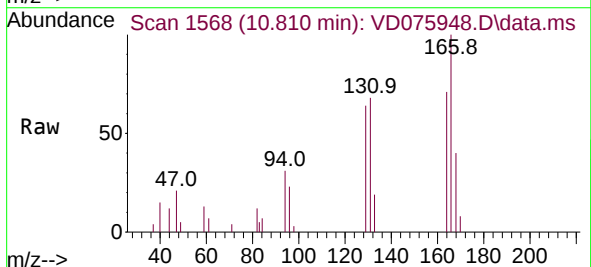
Instrument :
MSVOA_D
ClientSampleId :



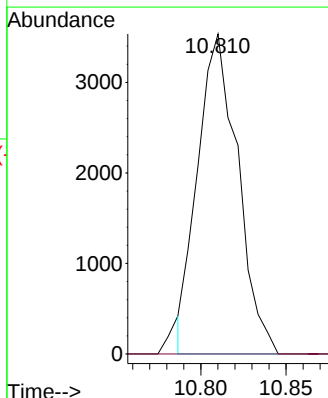
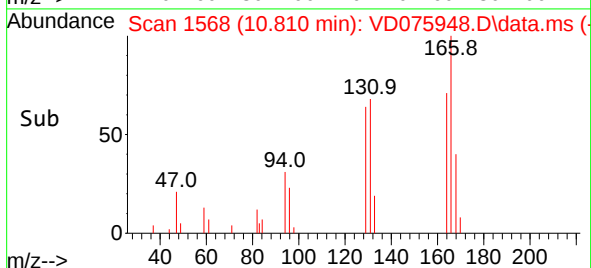
Tgt Ion:164 Resp: 7102
Ion Ratio Lower Upper
164 100
129 90.3 60.3 112.1
131 96.3 58.9 109.3
166 141.6 83.0 154.1

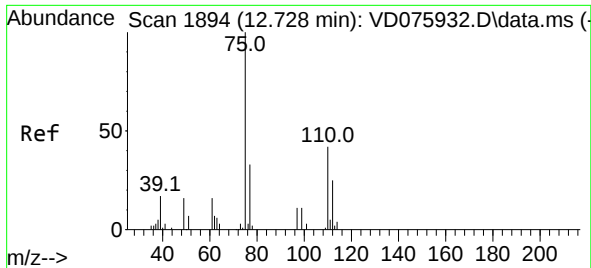


#49
Dibromochloromethane
Concen: 0.976 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075948.D
Acq: 01 May 2023 19:27



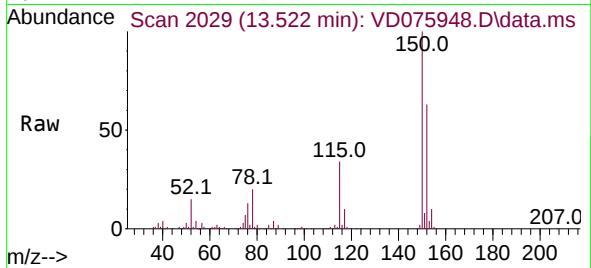
Tgt Ion:129 Resp: 5790
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#61
 1,2,3-Trichloropropane
 Concen: 6.768 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075948.D
 Acq: 01 May 2023 19:27

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	18715
Ion Ratio	Lower	Upper
75	100	
77	29.3	26.6 39.8
110	1.8	33.5 50.3#

