

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076642.D
 Acq On : 29 Jun 2023 16:55
 Operator : KP/SY
 Sample : 03458-19RE
 Misc : 3.90G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:16:13 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)

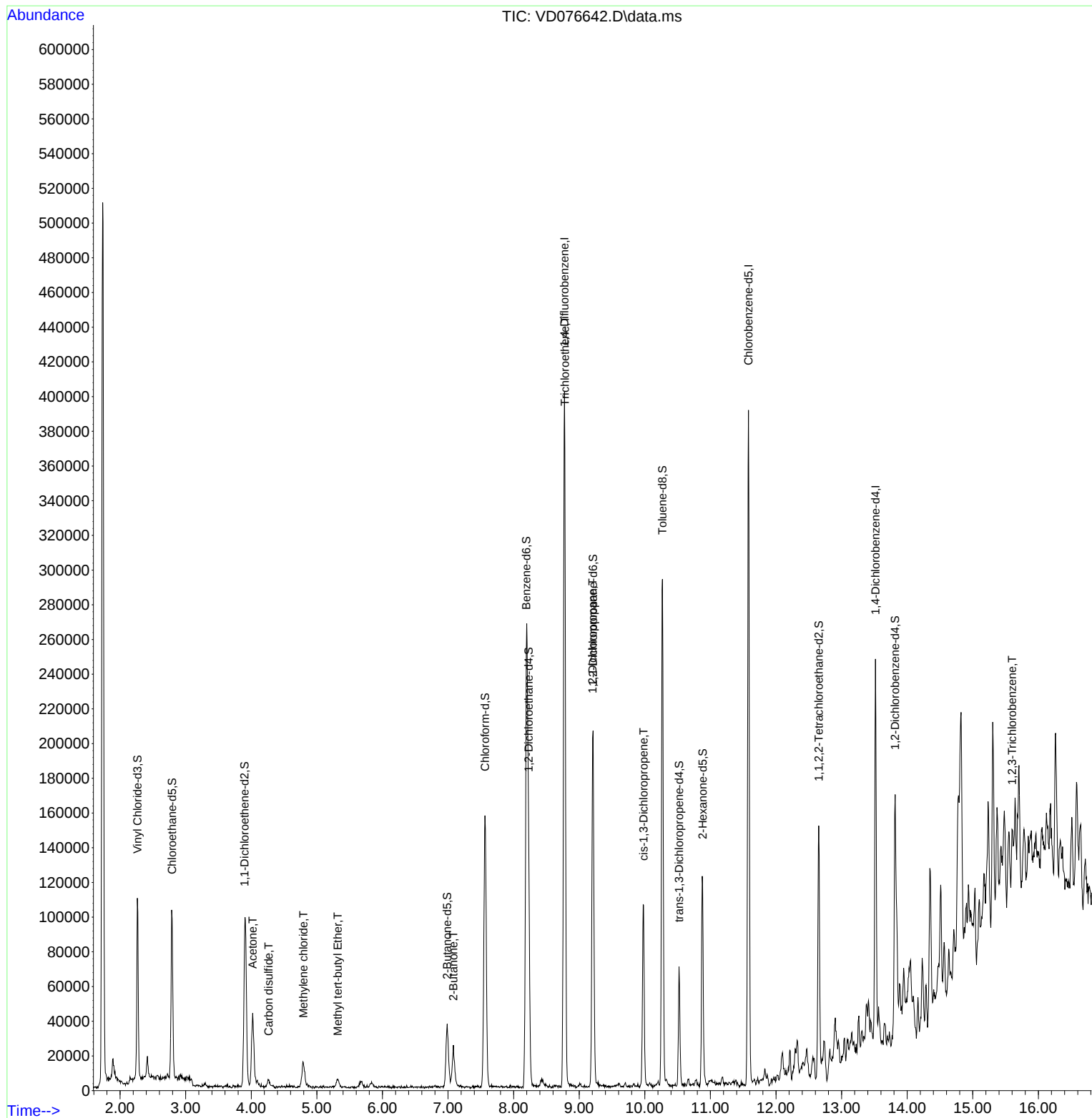
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	350663	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	215352	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	57220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	91721	10.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.960%
7) Chloroethane-d5	2.793	69	92311	13.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.480%
11) 1,1-Dichloroethene-d2	3.899	65	29318	13.152	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.600%
21) 2-Butanone-d5	6.987	46	61446	47.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.020%
24) Chloroform-d	7.563	84	163941	17.745	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.000%
26) 1,2-Dichloroethane-d4	8.228	65	90070	19.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.040%
32) Benzene-d6	8.193	84	275176	20.889	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.560%
36) 1,2-Dichloropropane-d6	9.210	67	98390	23.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.269	98	197247	16.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.680%
43) trans-1,3-Dichloroprop...	10.522	79	35774	20.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.800%
47) 2-Hexanone-d5	10.881	63	42675	65.379	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.760%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68417	22.870	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	34756	16.571	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.280%#
Target Compounds					Qvalue	
13) Acetone	4.022	43	68588	65.660	ug/L	97
14) Carbon disulfide	4.264	76	6873	0.417	ug/L	95
16) Methylene chloride	4.793	84	6415	1.053	ug/L	85
18) Methyl tert-butyl Ether	5.316	73	4680	0.405	ug/L #	78
22) 2-Butanone	7.081	43	33242	19.719	ug/L	78
34) Trichloroethene	8.781	95	10146	2.771	ug/L #	4
37) 1,2-Dichloropropane	9.204	63	12124	3.120	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	3067	0.517	ug/L #	73
72) 1,2,3-Trichlorobenzene	15.598	180	1235	0.615	ug/L	85

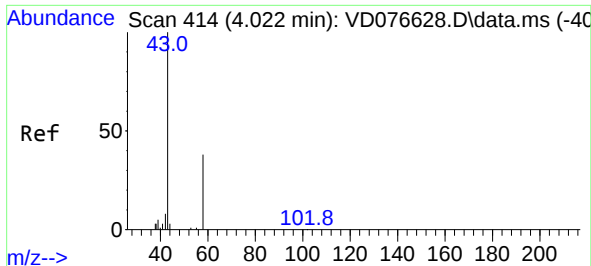
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 65.660 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076642.D

Acq: 29 Jun 2023 16:55

Instrument :

MSVOA_D

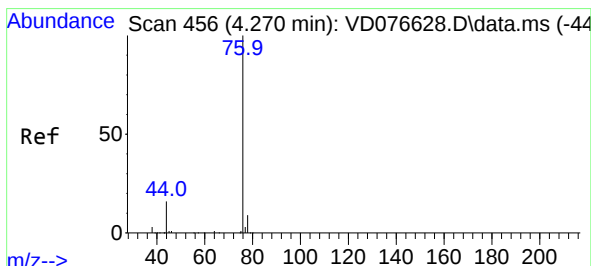
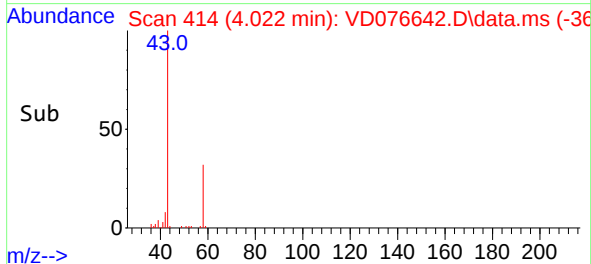
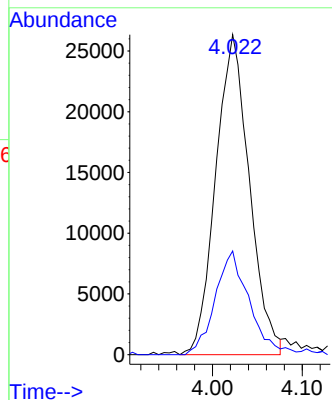
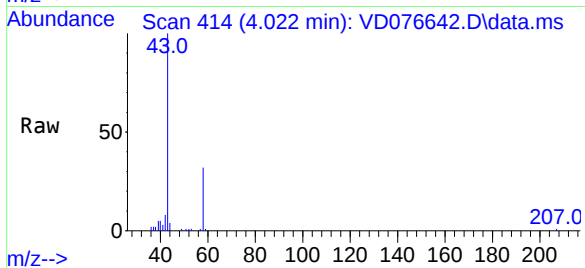
ClientSampleId :

Tgt Ion: 43 Resp: 68588

Ion Ratio Lower Upper

43 100

58 32.1 0.0 67.4



#14

Carbon disulfide

Concen: 0.417 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD076642.D

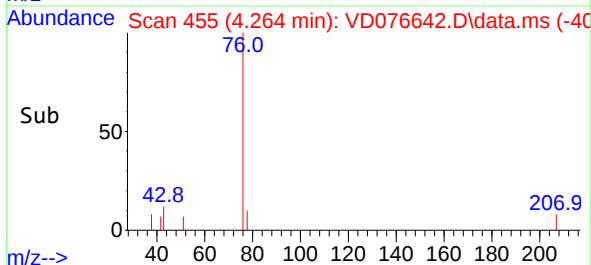
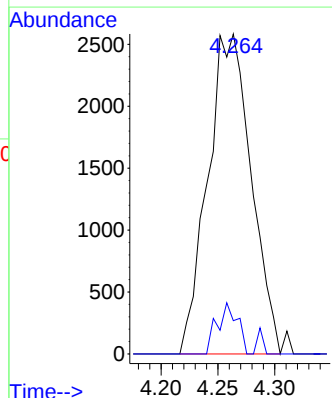
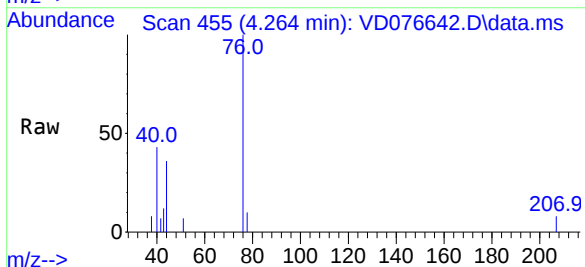
Acq: 29 Jun 2023 16:55

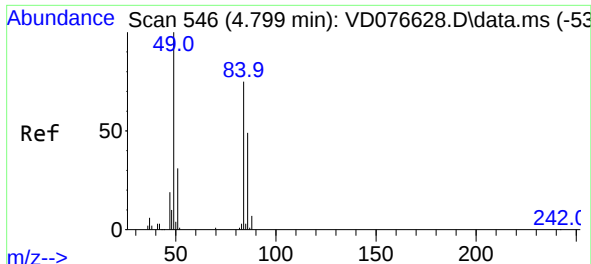
Tgt Ion: 76 Resp: 6873

Ion Ratio Lower Upper

76 100

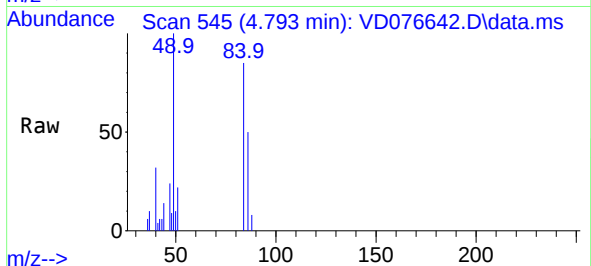
78 10.4 7.0 10.4



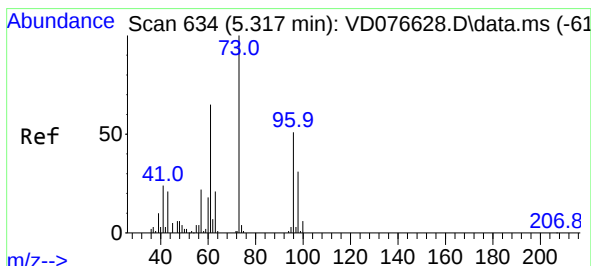
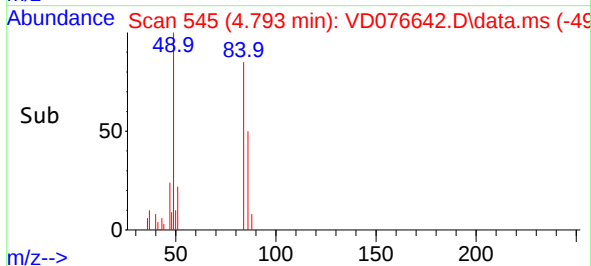
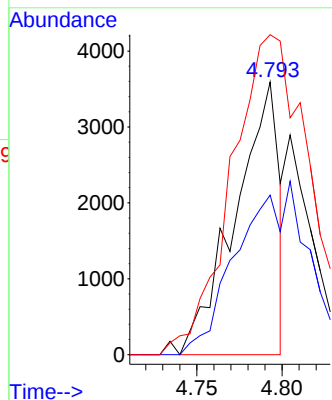


#16
Methylene chloride
Concen: 1.053 ug/L
RT: 4.793 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076642.D
Acq: 29 Jun 2023 16:55

Instrument :
MSVOA_D
ClientSampleId :

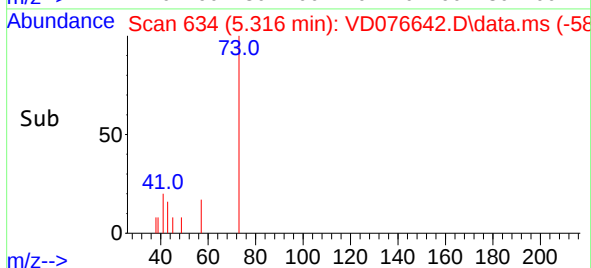
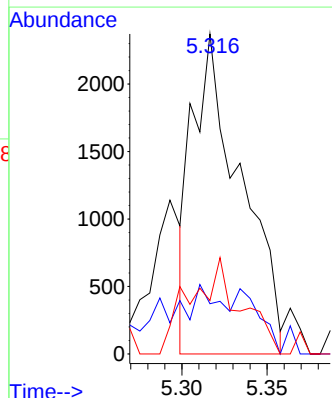
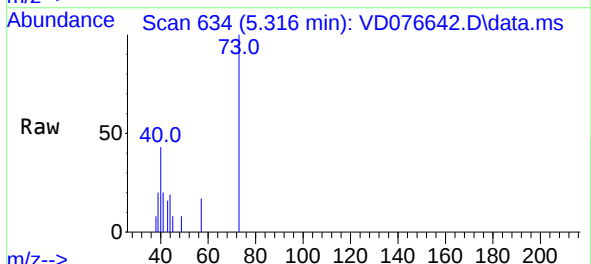


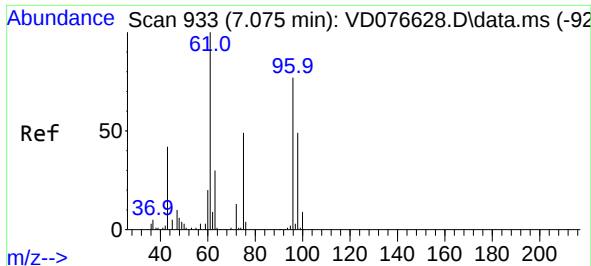
Tgt Ion: 84 Resp: 6415
Ion Ratio Lower Upper
84 100
86 58.5 45.1 83.9
49 117.3 97.2 180.6



#18
Methyl tert-butyl Ether
Concen: 0.405 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD076642.D
Acq: 29 Jun 2023 16:55

Tgt Ion: 73 Resp: 4680
Ion Ratio Lower Upper
73 100
43 12.0 7.2 10.8#
57 10.2 18.6 28.0#

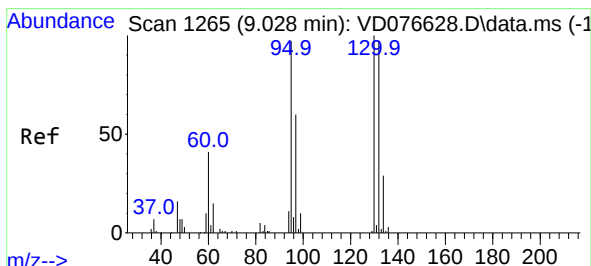
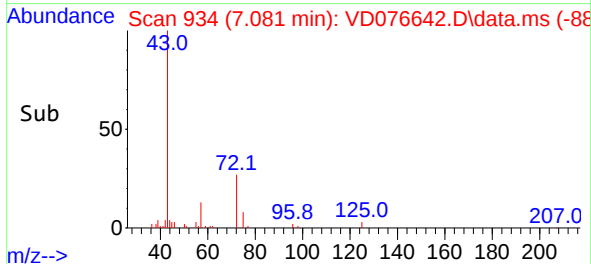
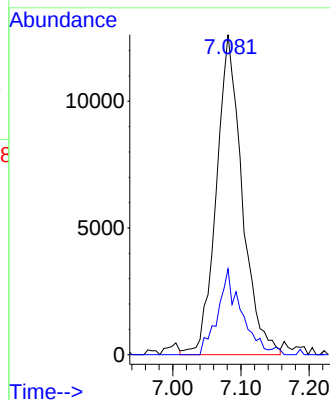
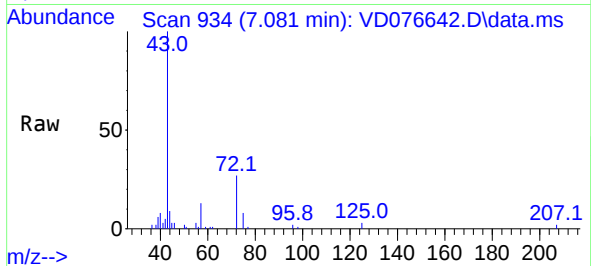




#22
2-Butanone
Concen: 19.719 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076642.D
Acq: 29 Jun 2023 16:55

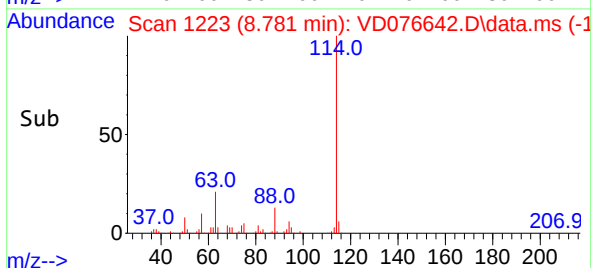
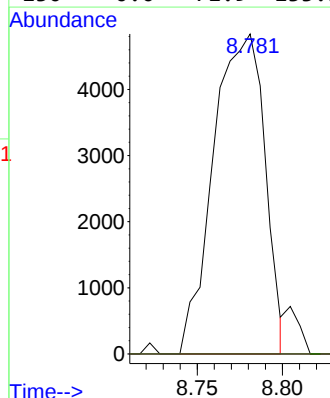
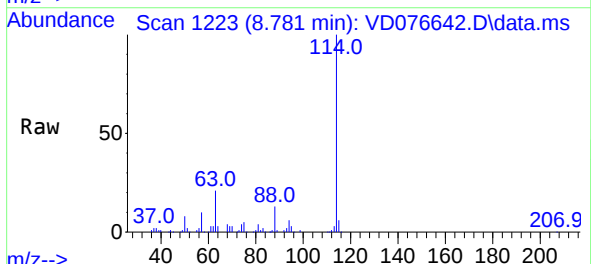
Instrument :
MSVOA_D
ClientSampleId :

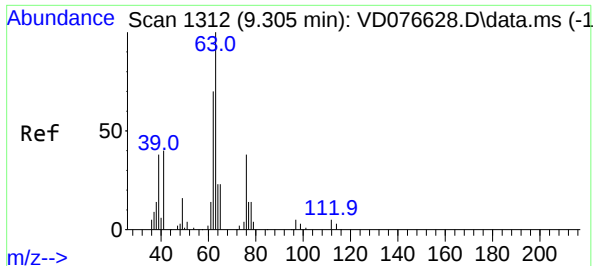
Tgt Ion: 43 Resp: 33242
Ion Ratio Lower Upper
43 100
72 14.4 12.9 38.7



#34
Trichloroethene
Concen: 2.771 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076642.D
Acq: 29 Jun 2023 16:55

Tgt Ion: 95 Resp: 10146
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#

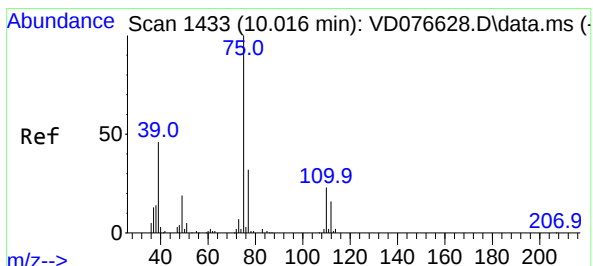
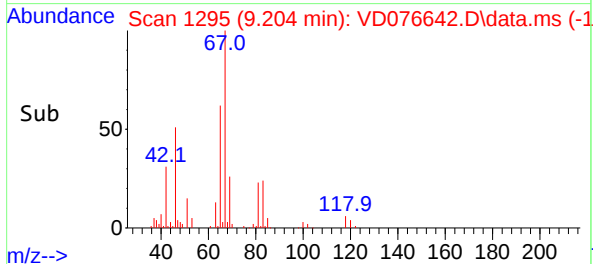
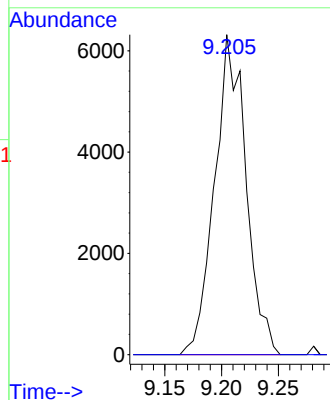
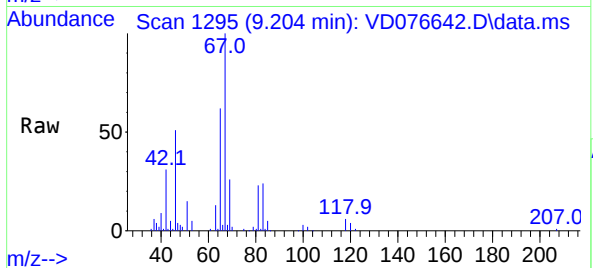




#37
1,2-Dichloropropane
Concen: 3.120 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076642.D
Acq: 29 Jun 2023 16:55

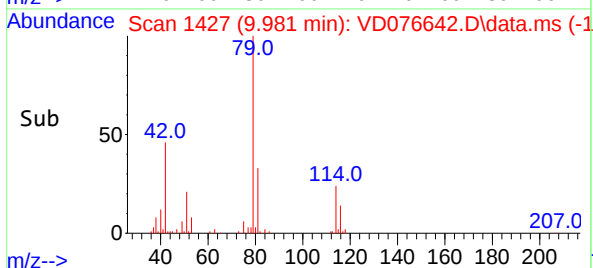
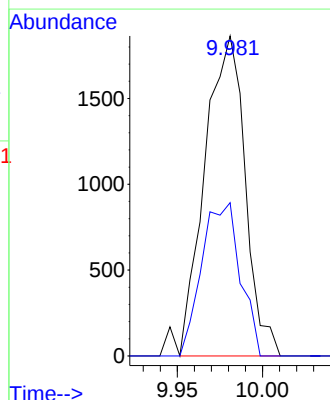
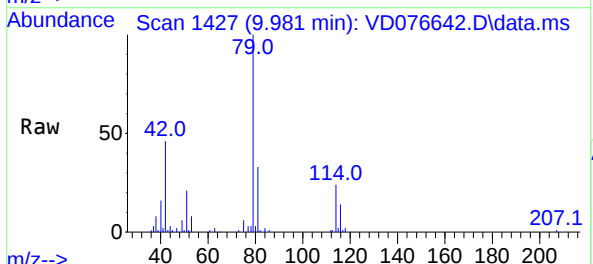
Instrument :
MSVOA_D
ClientSampleId :

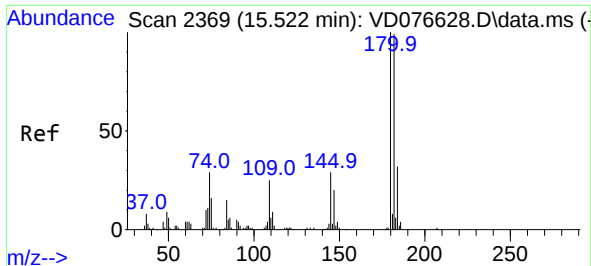
Tgt Ion: 63 Resp: 12124
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.517 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076642.D
Acq: 29 Jun 2023 16:55

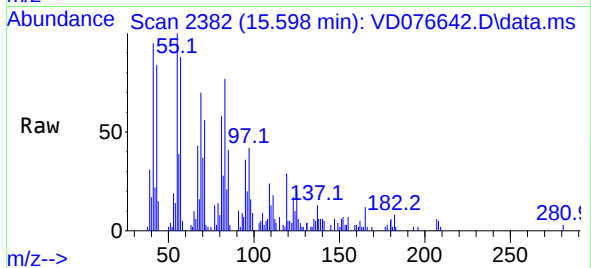
Tgt Ion: 75 Resp: 3067
Ion Ratio Lower Upper
75 100
77 47.9 22.7 42.3#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.615 ug/L
 RT: 15.598 min Scan# 21
 Delta R.T. 0.076 min
 Lab File: VD076642.D
 Acq: 29 Jun 2023 16:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	1235
Ion	Ratio	Lower	Upper
180	100		
182	75.6	74.3	111.5
145	27.1	25.0	37.6

