

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076081.D
 Acq On : 11 May 2023 15:30
 Operator : KP/SY
 Sample : 02591-25
 Misc : 4.95G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREB5

Quant Time: May 12 03:05:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

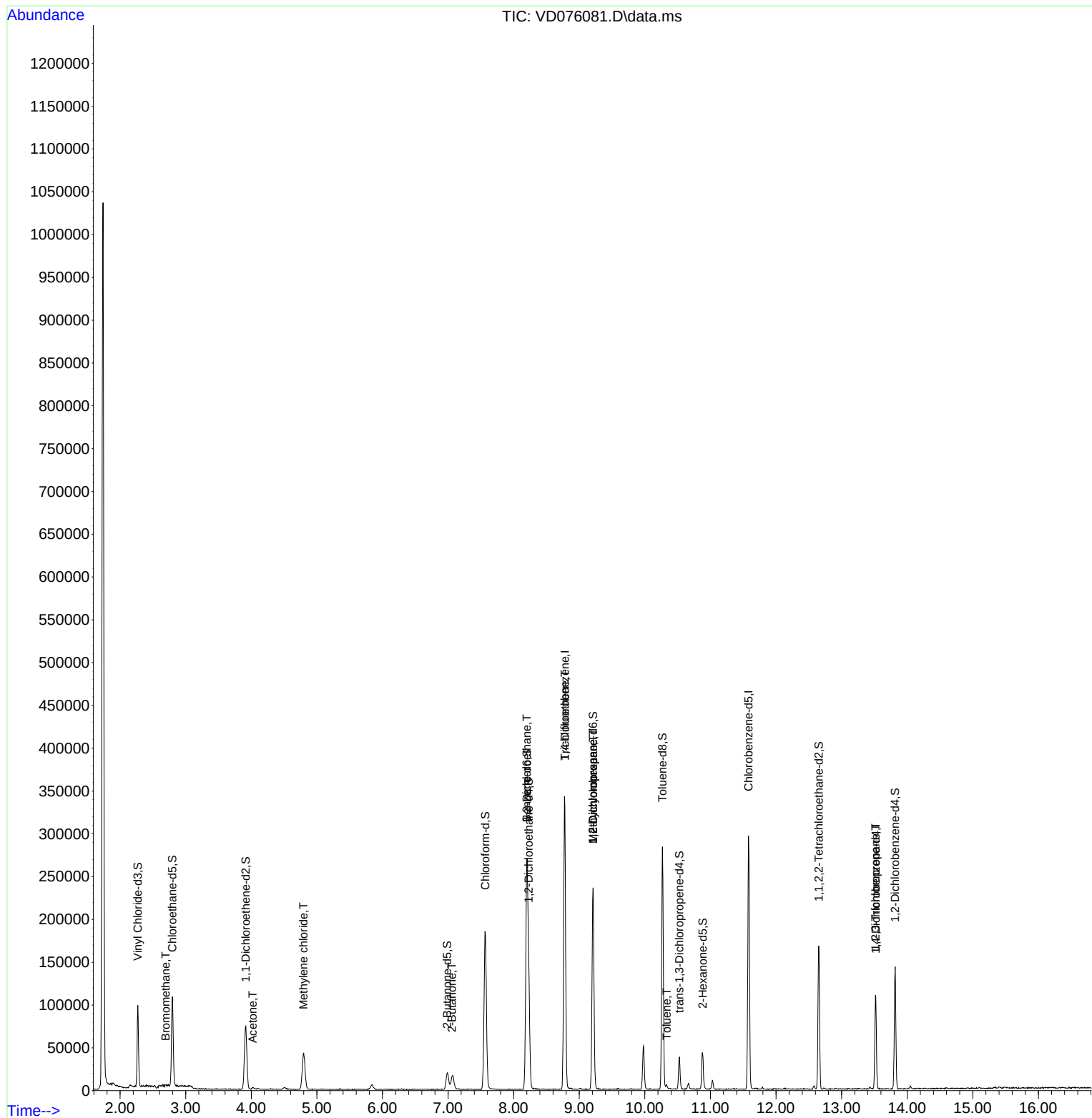
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	330011	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	33928	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	87557	17.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.360%
7) Chloroethane-d5	2.799	69	113480	24.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.920%
11) 1,1-Dichloroethene-d2	3.916	65	21141	16.635	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.520%
21) 2-Butanone-d5	6.987	46	33236	48.897	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.800%
24) Chloroform-d	7.569	84	205839	29.772	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.080%
26) 1,2-Dichloroethane-d4	8.228	65	89374	29.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.640%
32) Benzene-d6	8.198	84	305275	35.976	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	143.920%#
36) 1,2-Dichloropropane-d6	9.210	67	123805	47.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	189.400%#
41) Toluene-d8	10.269	98	207554	27.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.800%
43) trans-1,3-Dichloroprop...	10.528	79	22053	22.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.880%
47) 2-Hexanone-d5	10.881	63	16926	44.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.420%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	89980	39.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	159.840%#
66) 1,2-Dichlorobenzene-d4	13.816	152	43171	44.542	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	178.160%#
Target Compounds						
					Qvalue	
6) Bromomethane	2.693	94	1514	0.326	ug/L	77
13) Acetone	4.022	43	1745	2.882	ug/L	77
16) Methylene chloride	4.793	84	35621	6.638	ug/L	98
22) 2-Butanone	7.057	43	3905	4.616	ug/L #	34
27) 1,2-Dichloroethane	8.198	62	1487	0.370	ug/L #	68
34) Trichloroethene	8.781	95	8093	2.996	ug/L #	2
35) Methylcyclohexane	9.210	83	29933	7.315	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	12032	4.508	ug/L #	85
42) Toluene	10.334	91	3479	0.311	ug/L #	75
61) 1,2,3-Trichloropropane	13.516	75	3506	6.424	ug/L #	62

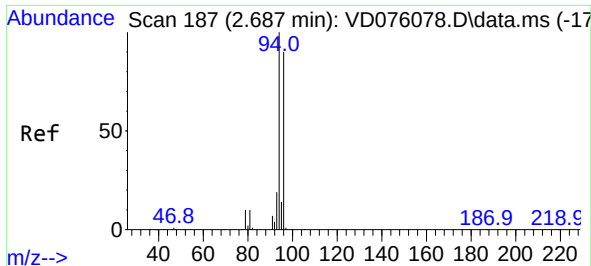
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 12 02:22:21 2023
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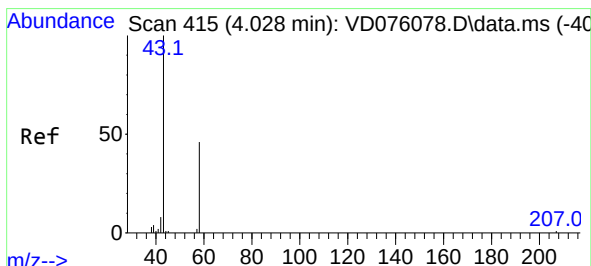
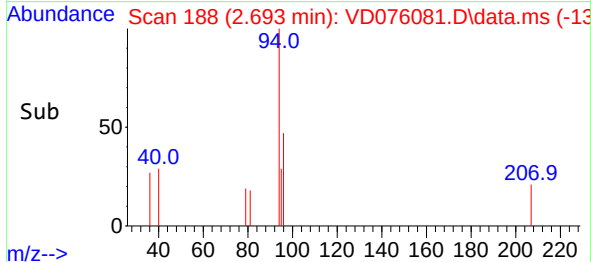
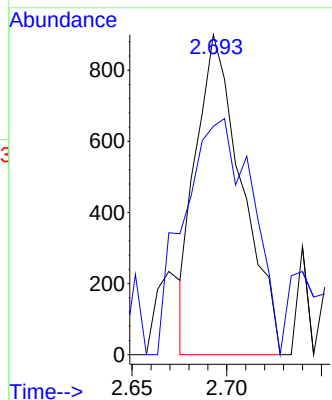
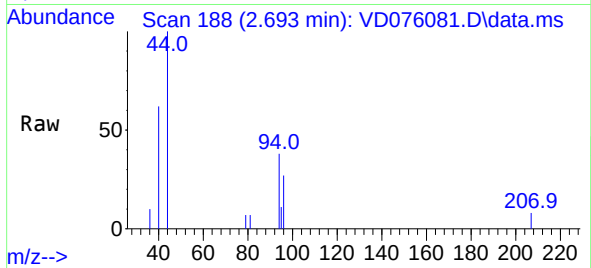




#6
Bromomethane
Concen: 0.326 ug/L
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076081.D
Acq: 11 May 2023 15:30

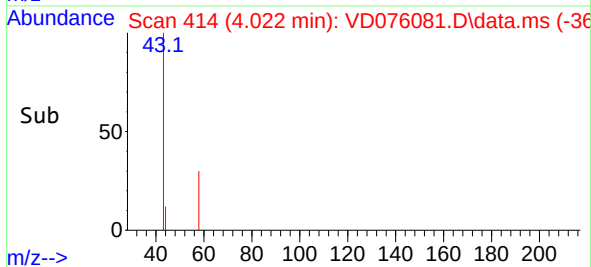
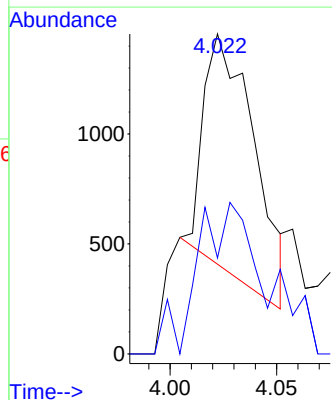
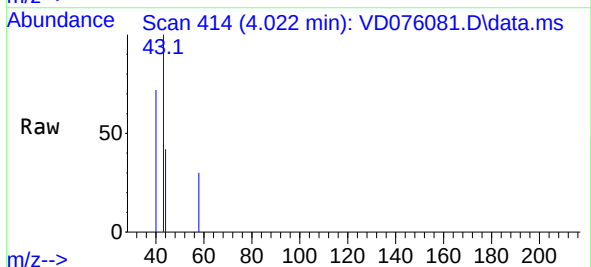
Instrument :
MSVOA_D
ClientSampleId :
JREB5

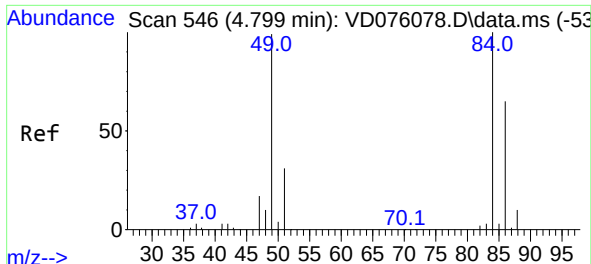
Tgt Ion: 94 Resp: 1514
Ion Ratio Lower Upper
94 100
96 71.3 65.7 121.9



#13
Acetone
Concen: 2.882 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076081.D
Acq: 11 May 2023 15:30

Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
58 28.6 0.0 87.4

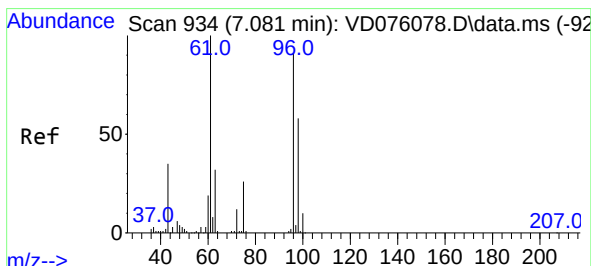
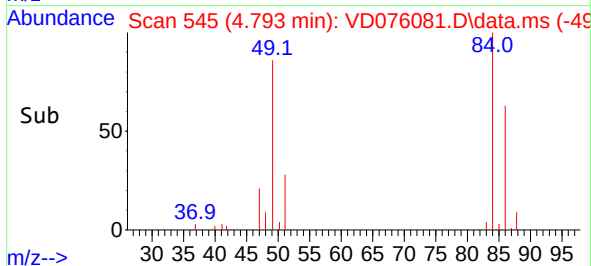
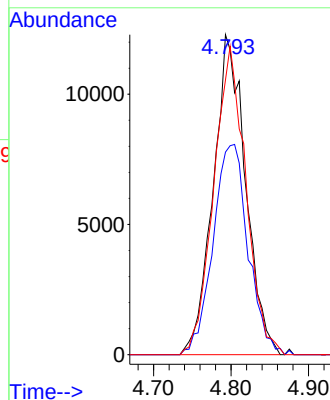
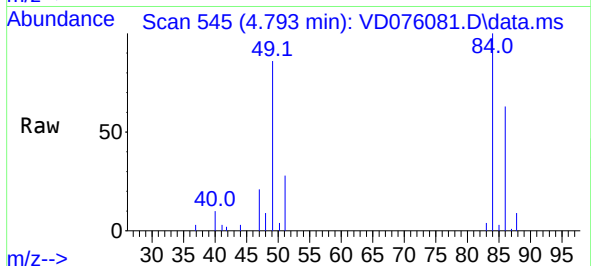




#16
Methylene chloride
Concen: 6.638 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076081.D
Acq: 11 May 2023 15:30

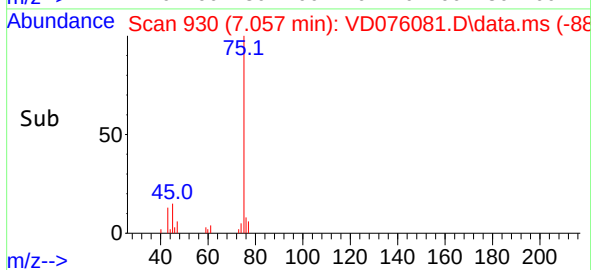
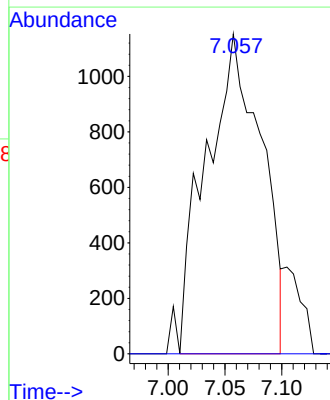
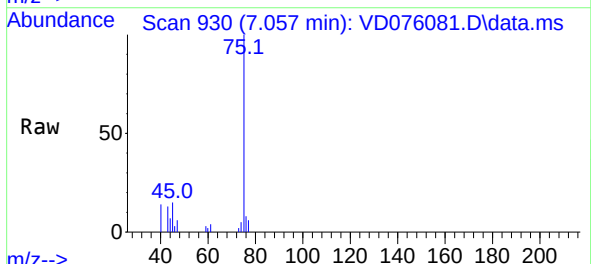
Instrument :
MSVOA_D
ClientSampleId :
JREB5

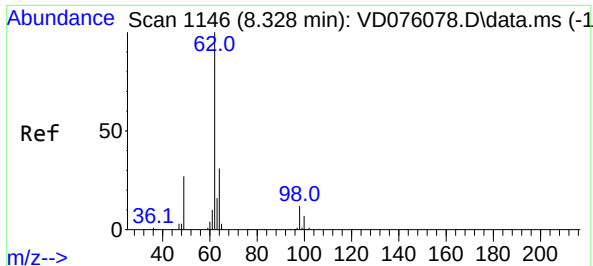
Tgt Ion: 84 Resp: 35621
Ion Ratio Lower Upper
84 100
86 63.3 45.8 85.2
49 85.9 60.8 112.8



#22
2-Butanone
Concen: 4.616 ug/L
RT: 7.057 min Scan# 930
Delta R.T. -0.024 min
Lab File: VD076081.D
Acq: 11 May 2023 15:30

Tgt Ion: 43 Resp: 3905
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#

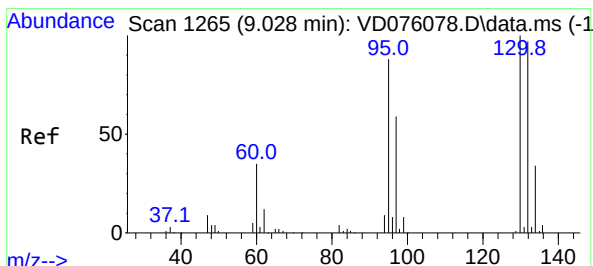
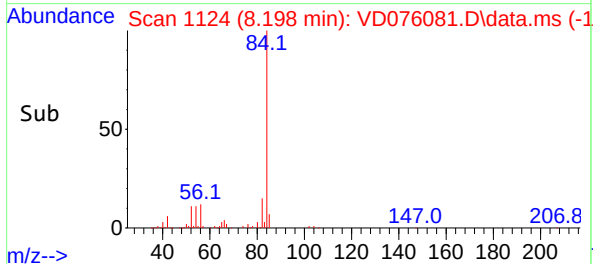
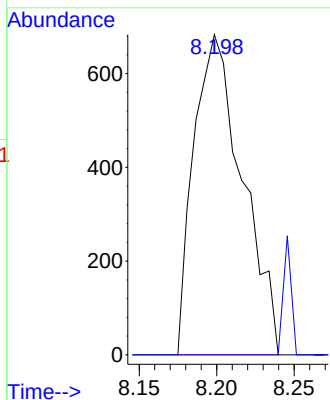
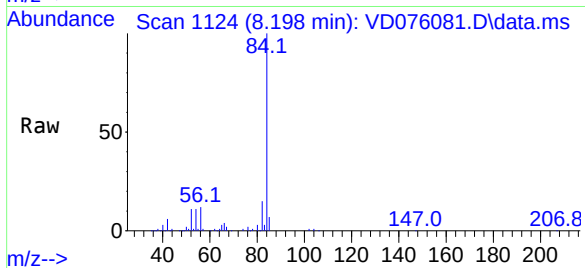




#27
1,2-Dichloroethane
Concen: 0.370 ug/L
RT: 8.198 min Scan# 1146
Delta R.T. -0.124 min
Lab File: VD076081.D
Acq: 11 May 2023 15:30

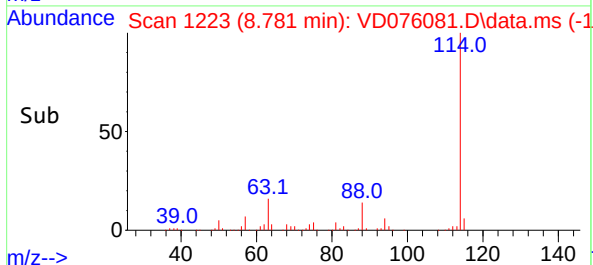
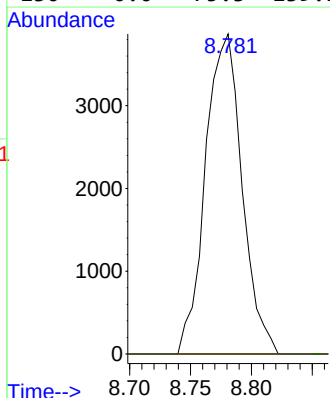
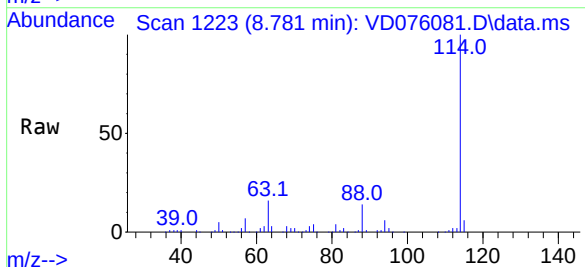
Instrument :
MSVOA_D
ClientSampleId :
JREB5

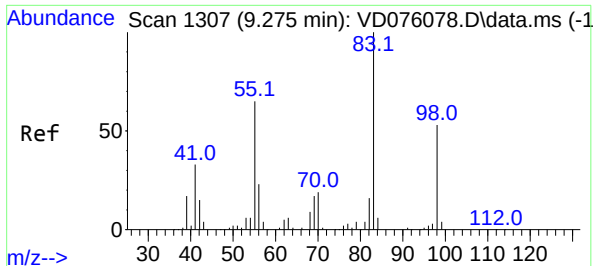
Tgt Ion: 62 Resp: 1487
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#34
Trichloroethene
Concen: 2.996 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076081.D
Acq: 11 May 2023 15:30

Tgt Ion: 95 Resp: 8093
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#





#35

Methylcyclohexane

Concen: 7.315 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD076081.D

Acq: 11 May 2023 15:30

Instrument :

MSVOA_D

ClientSampleId :

JREB5

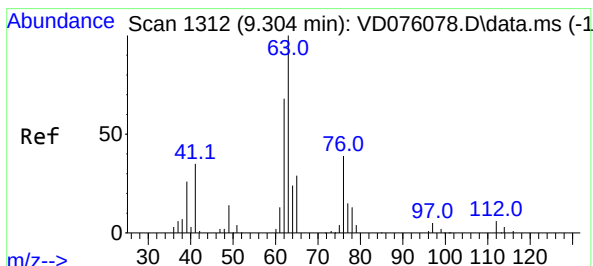
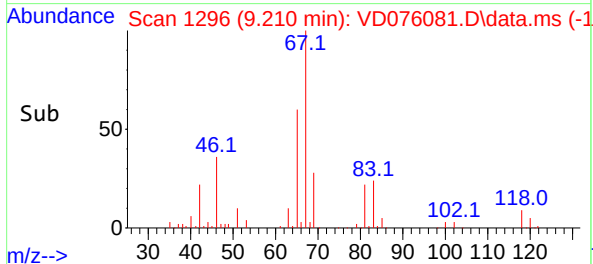
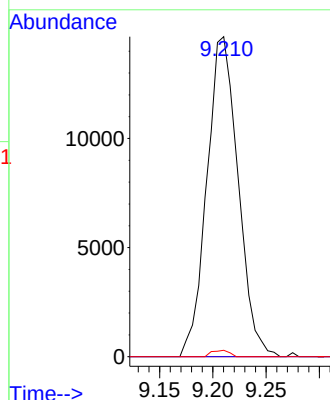
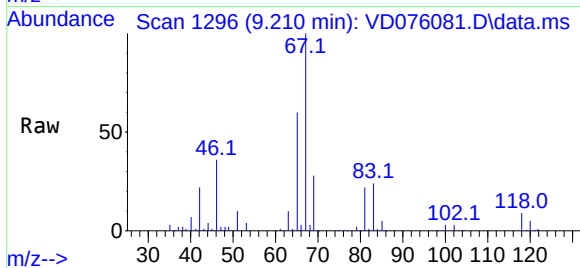
Tgt Ion: 83 Resp: 29933

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 1.1 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 4.508 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD076081.D

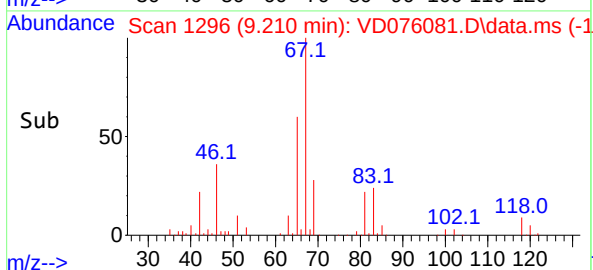
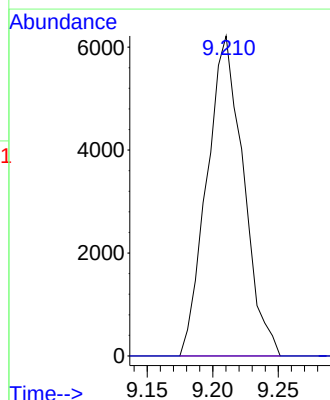
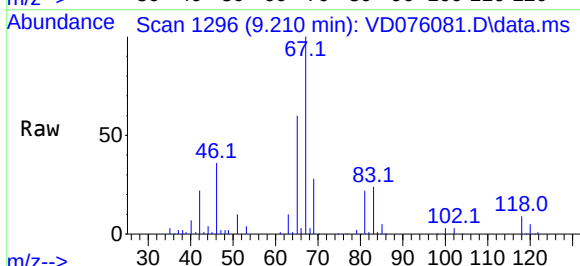
Acq: 11 May 2023 15:30

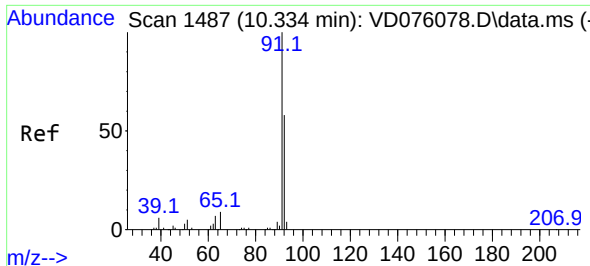
Tgt Ion: 63 Resp: 12032

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

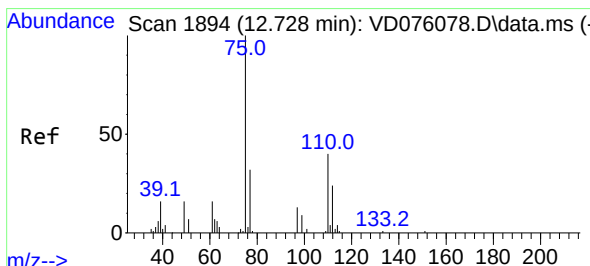
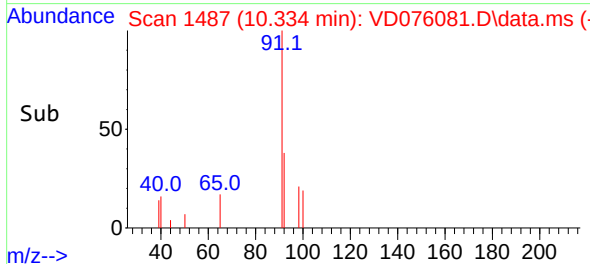
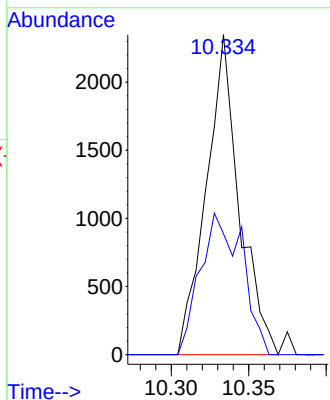
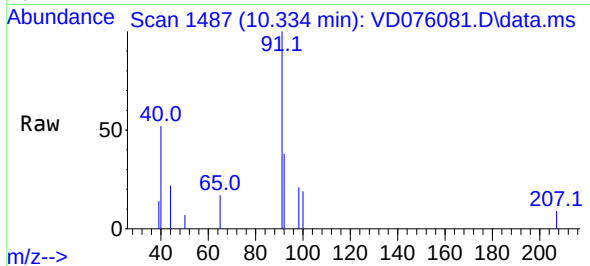




#42
Toluene
Concen: 0.311 ug/L
RT: 10.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD076081.D
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Instrument :
MSVOA_D
ClientSampleId :
JREB5

Tgt Ion: 91 Resp: 3479
Ion Ratio Lower Upper
91 100
92 37.8 39.3 72.9#



#61
1,2,3-Trichloropropane
Concen: 6.424 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076081.D
Acq: 11 May 2023 15:30

Tgt Ion: 75 Resp: 3506
Ion Ratio Lower Upper
75 100
77 34.2 26.6 39.8
110 0.0 33.5 50.3#

