

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076083.D
 Acq On : 11 May 2023 16:30
 Operator : KP/SY
 Sample : 02591-37
 Misc : 6.04G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREA8

Quant Time: May 12 03:05:27 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)

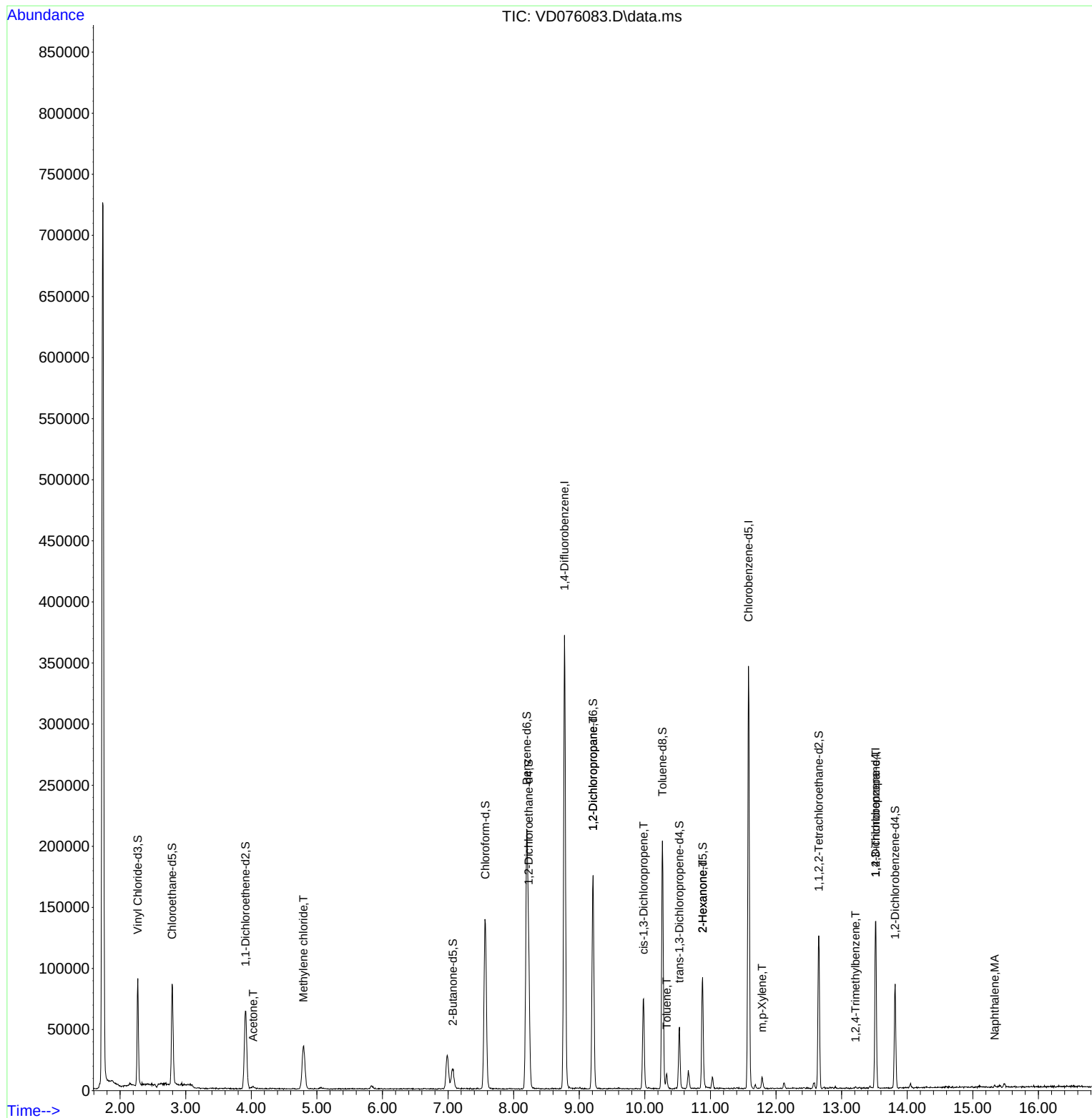
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	352369	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217492	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	42582	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	80144	14.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.480%
7) Chloroethane-d5	2.793	69	87671	17.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.880%
11) 1,1-Dichloroethene-d2	3.910	65	18788	13.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.400%
21) 2-Butanone-d5	7.075	46	276	0.380	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.760%#
24) Chloroform-d	7.569	84	154595	20.942	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.760%
26) 1,2-Dichloroethane-d4	8.228	65	71932	22.167	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.680%
32) Benzene-d6	8.198	84	240334	24.510	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	9.210	67	93385	30.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.640%#
41) Toluene-d8	10.269	98	151795	17.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.480%
43) trans-1,3-Dichloroprop...	10.528	79	28853	25.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.760%
47) 2-Hexanone-d5	10.881	63	33904	76.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.260%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69054	26.540	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	25302	20.800	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	2697	4.171	ug/L	63
16) Methylene chloride	4.793	84	30947	5.401	ug/L	98
37) 1,2-Dichloropropane	9.210	63	9386	3.043	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	1886	0.425	ug/L #	66
42) Toluene	10.334	91	8962	0.694	ug/L	85
48) 2-Hexanone	10.881	43	4147	4.597	ug/L #	51
53) m,p-Xylene	11.787	106	3132	0.600	ug/L	93
61) 1,2,3-Trichloropropane	13.522	75	4765	6.957	ug/L #	60
63) 1,2,4-Trimethylbenzene	13.210	105	1046	0.295	ug/L #	55
71) Naphthalene	15.333	128	1943	0.819	ug/L #	69

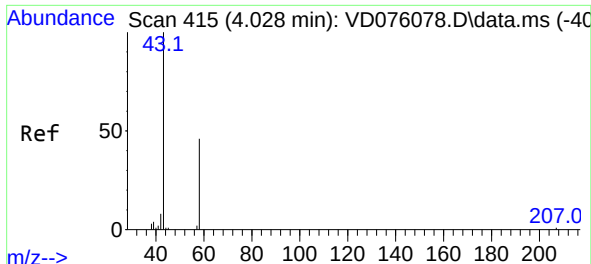
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 12 02:22:21 2023
Response via : Initial Calibration

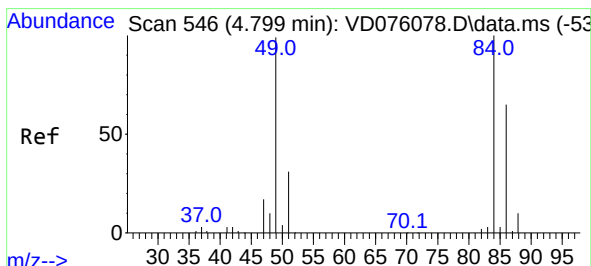
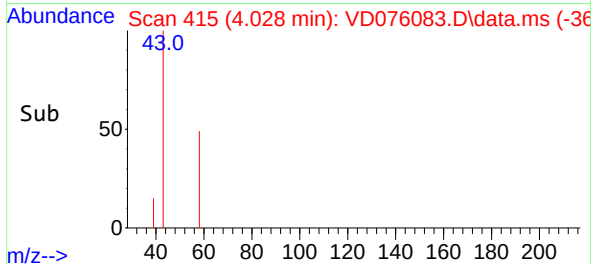
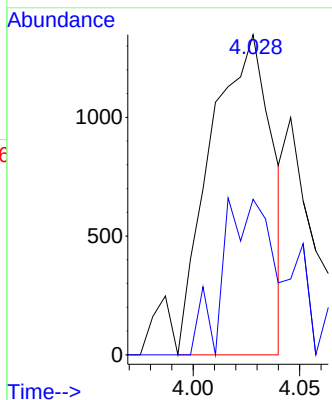
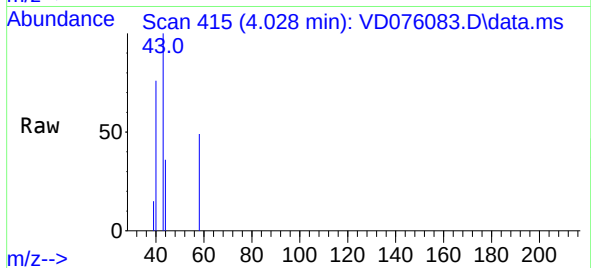




#13
Acetone
Concen: 4.171 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

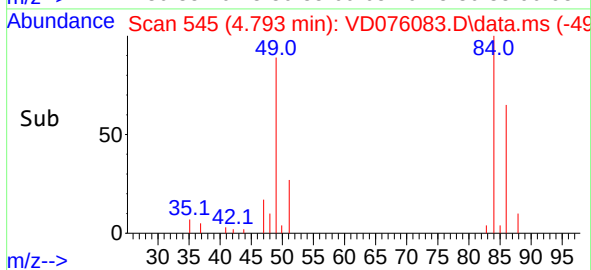
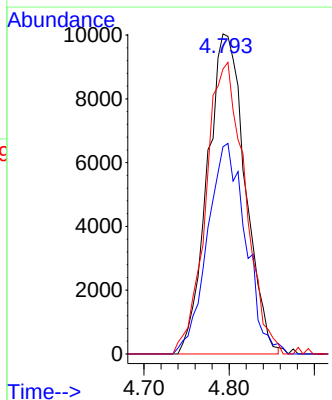
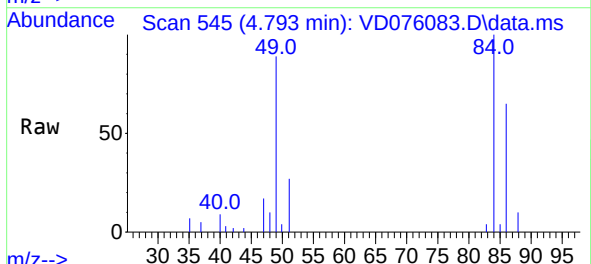
Instrument :
MSVOA_D
ClientSampleId :
JREA8

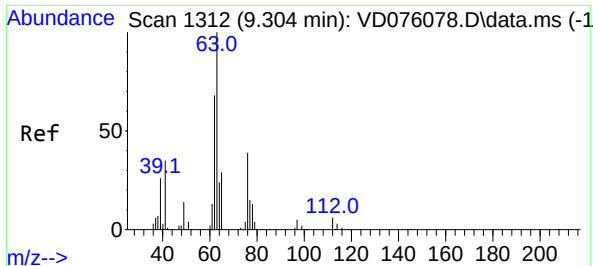
Tgt Ion: 43 Resp: 2697
Ion Ratio Lower Upper
43 100
58 20.0 0.0 87.4



#16
Methylene chloride
Concen: 5.401 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

Tgt Ion: 84 Resp: 30947
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.2
49 89.0 60.8 112.8

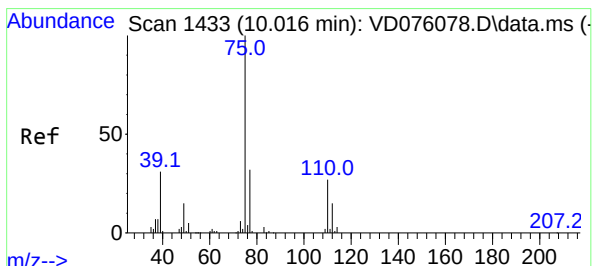
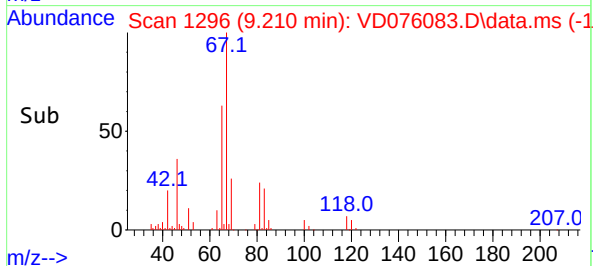
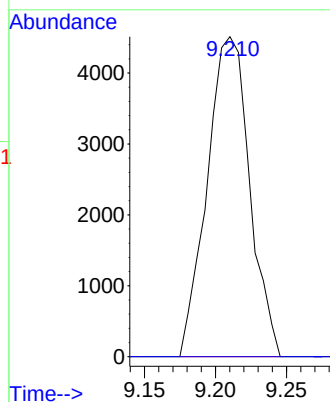
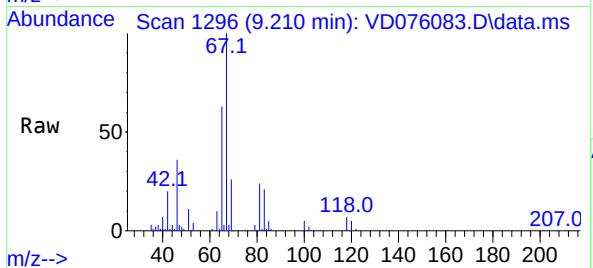




#37
1,2-Dichloropropane
Concen: 3.043 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

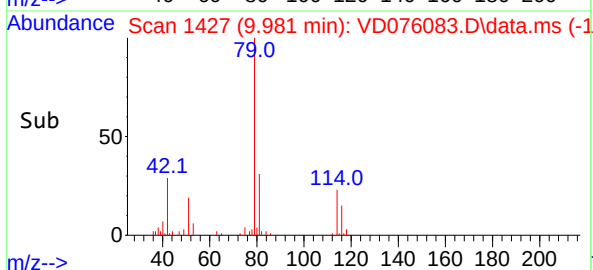
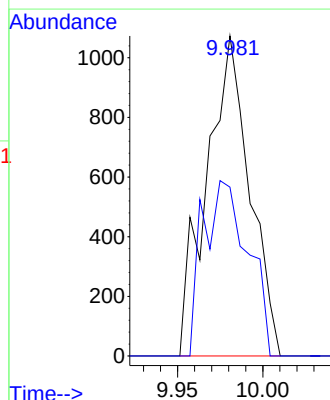
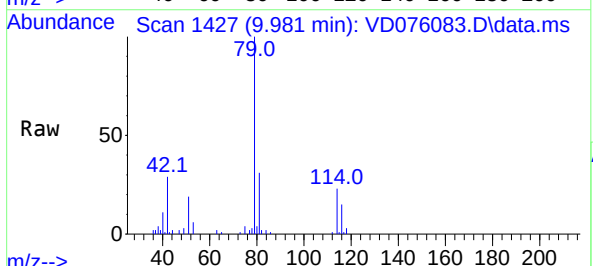
Instrument :
MSVOA_D
ClientSampleId :
JREA8

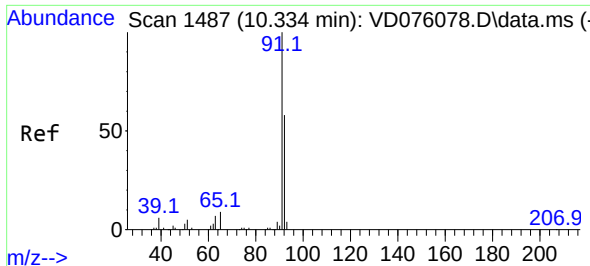
Tgt Ion: 63 Resp: 9386
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.425 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

Tgt Ion: 75 Resp: 1886
Ion Ratio Lower Upper
75 100
77 52.7 23.4 43.6#

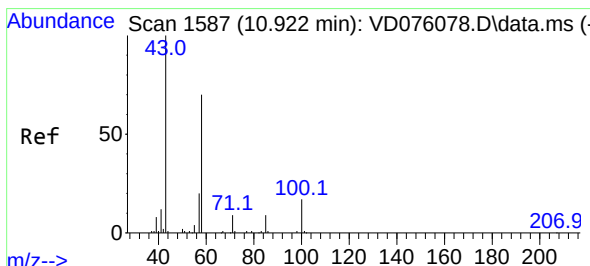
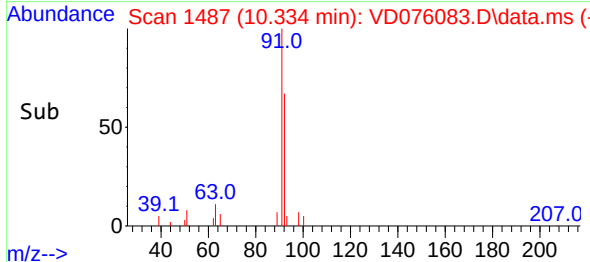
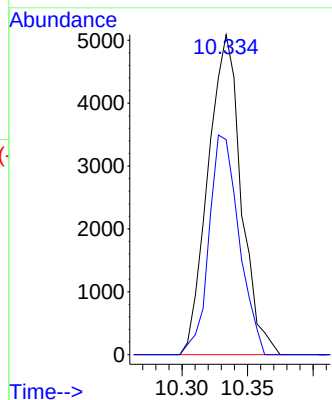
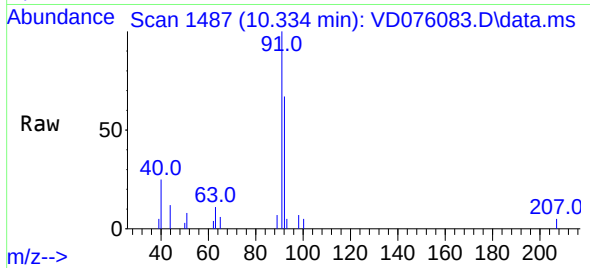




#42
Toluene
Concen: 0.694 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

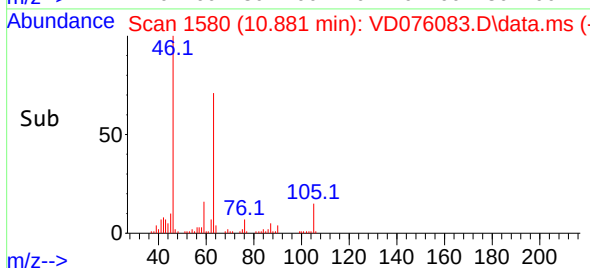
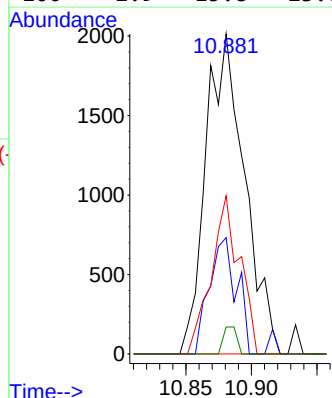
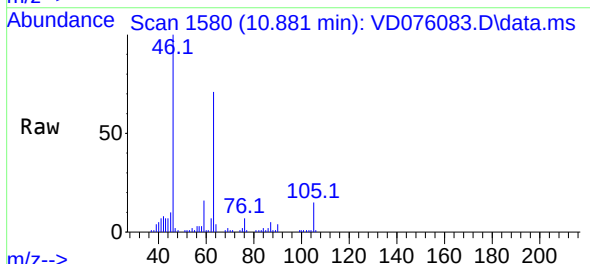
Instrument :
MSVOA_D
ClientSampleId :
JREA8

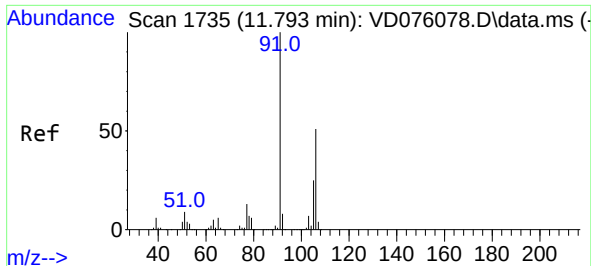
Tgt Ion: 91 Resp: 8962
Ion Ratio Lower Upper
91 100
92 67.2 39.3 72.9



#48
2-Hexanone
Concen: 4.597 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

Tgt Ion: 43 Resp: 4147
Ion Ratio Lower Upper
43 100
58 25.6 59.7 89.5#
57 36.0 17.9 26.9#
100 2.9 15.8 23.6#

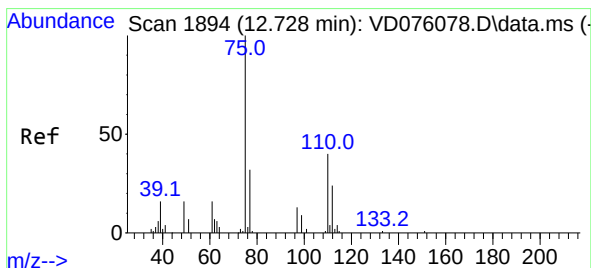
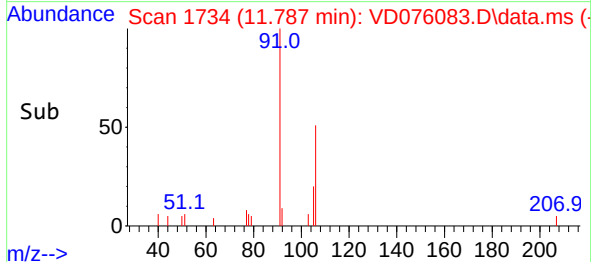
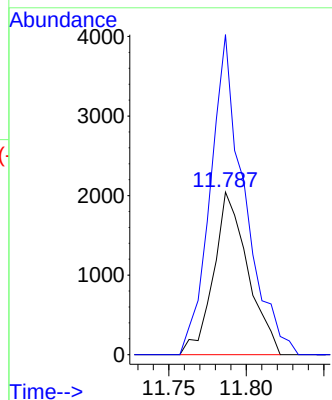
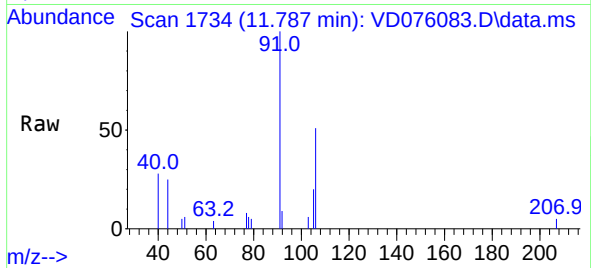




#53
m,p-Xylene
Concen: 0.600 ug/L
RT: 11.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

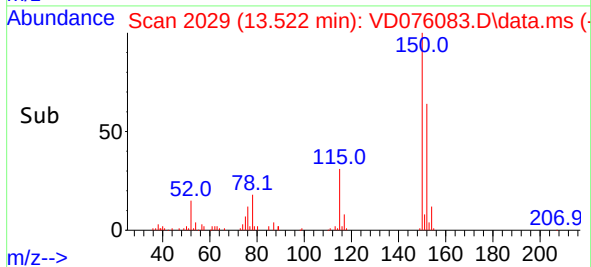
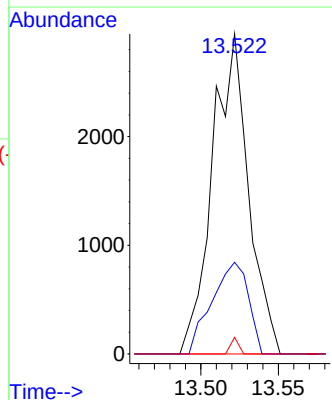
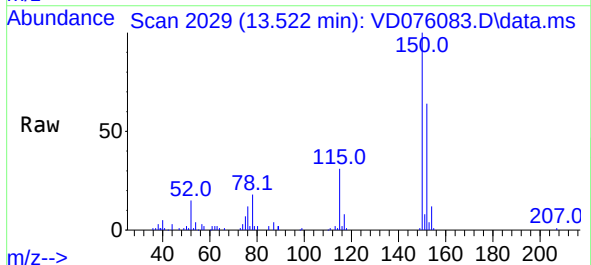
Instrument :
MSVOA_D
ClientSampleId :
JREA8

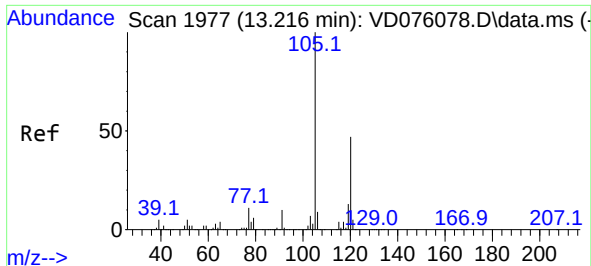
Tgt Ion:106 Resp: 3132
Ion Ratio Lower Upper
106 100
91 196.9 130.9 243.1



#61
1,2,3-Trichloropropane
Concen: 6.957 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

Tgt Ion: 75 Resp: 4765
Ion Ratio Lower Upper
75 100
77 28.9 26.6 39.8
110 0.0 33.5 50.3#

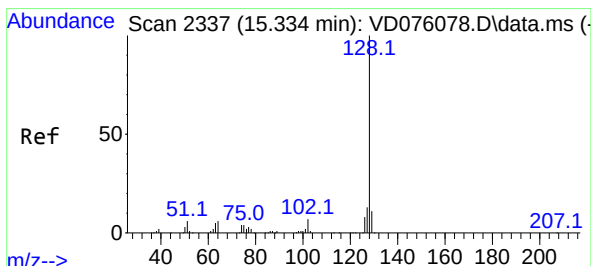
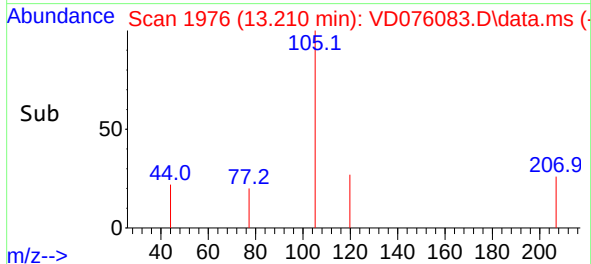
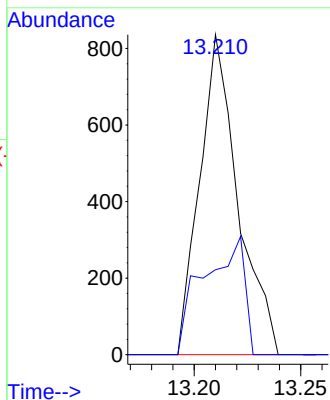
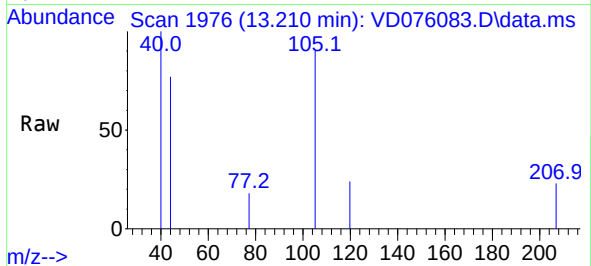




#63
1,2,4-Trimethylbenzene
Concen: 0.295 ug/L
RT: 13.210 min Scan# 1977
Delta R.T. -0.006 min
Lab File: VD076083.D
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Instrument :
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JREA8

Tgt Ion:105 Resp: 1046
Ion Ratio Lower Upper
105 100
120 18.2 39.0 58.6#



#71
Naphthalene
Concen: 0.819 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076083.D
Acq: 11 May 2023 16:30

Tgt Ion:128 Resp: 1943
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.1 13.7#

