

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072586.D
 Acq On : 11 Apr 2022 14:26
 Operator : VA/SY
 Sample : N2331-04
 Misc : 7.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-EX1B-BASE-02

Quant Time: Apr 12 01:03:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

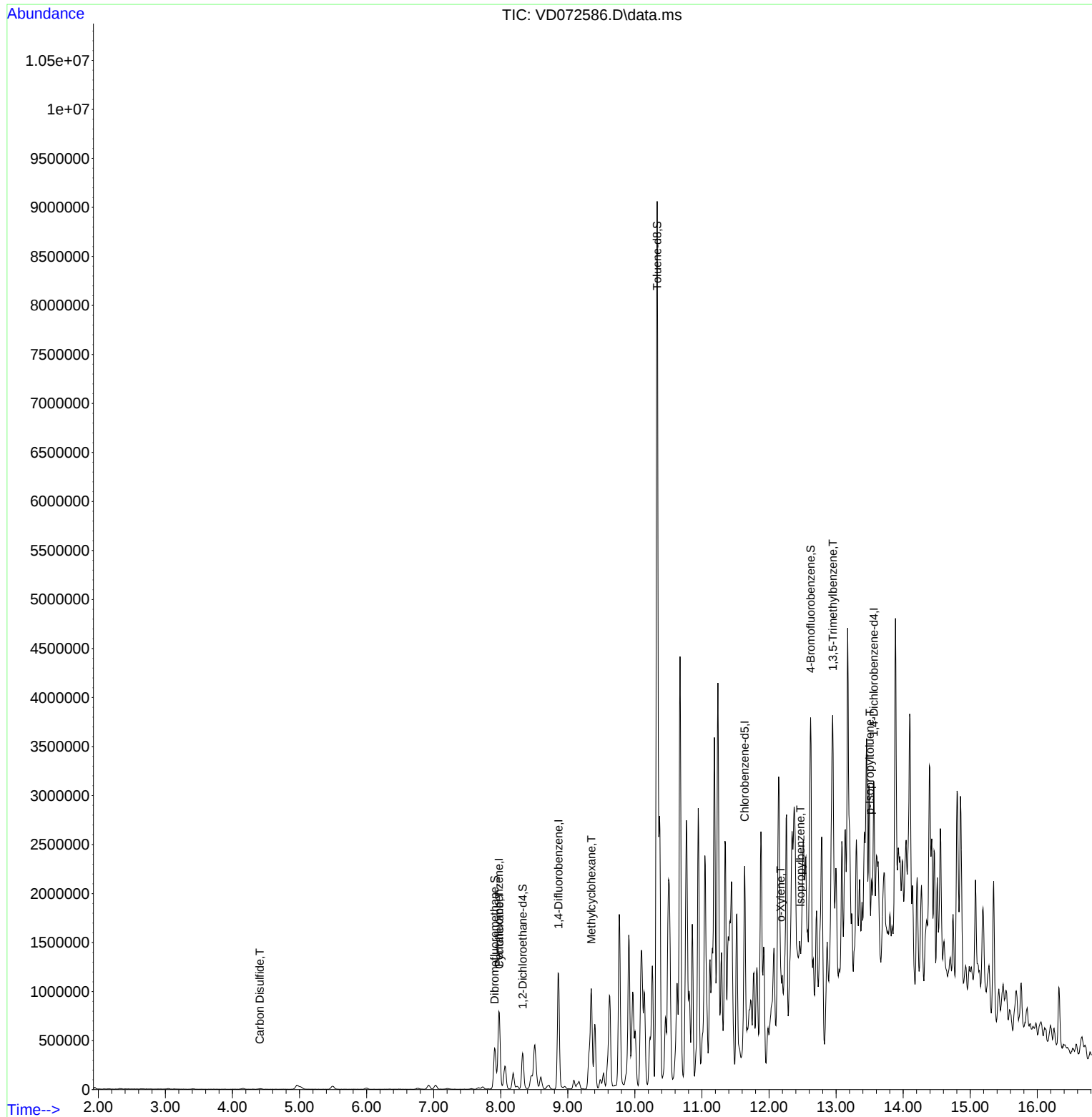
Internal Standards						
1) Pentafluorobenzene	7.973	168	544391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	994538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	949802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	459362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	292456	44.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.820%
35) Dibromofluoromethane	7.909	113	309568	40.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.100%
50) Toluene-d8	10.332	98	1585039	58.997	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.000%
62) 4-Bromofluorobenzene	12.620	95	529350	50.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.900%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.409	76	14218	4.871	ug/l	96
31) Cyclohexane	7.979	56	47010	5.459	ug/l #	56
39) Methylcyclohexane	9.350	83	308811	28.179	ug/l	90
69) o-Xylene	12.173	106	37369	2.755	ug/l	95
73) Isopropylbenzene	12.467	105	78153	2.107	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	216630	6.818	ug/l	100
86) p-Isopropyltoluene	13.502	119	42012	1.241	ug/l #	85

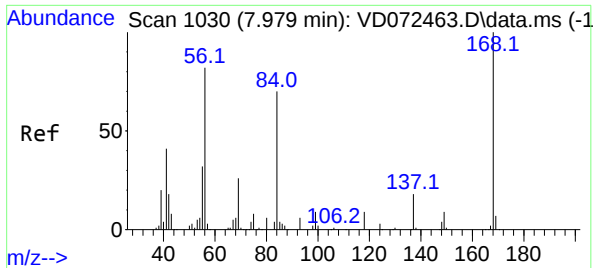
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

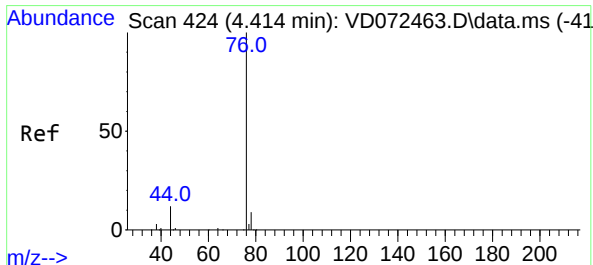
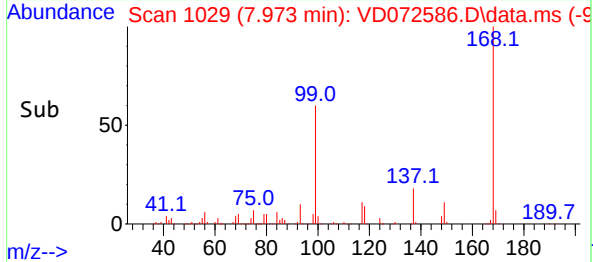
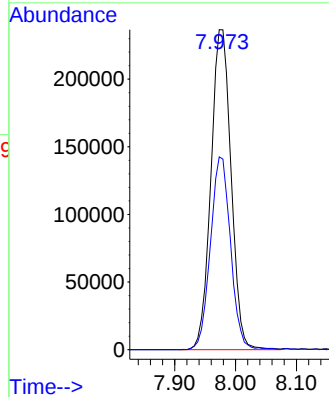
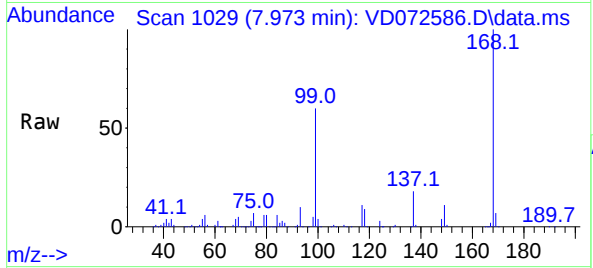




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

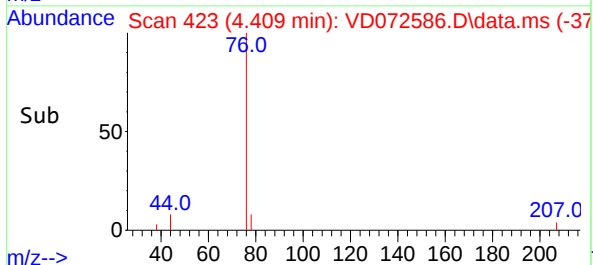
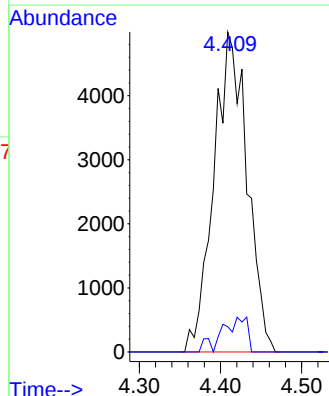
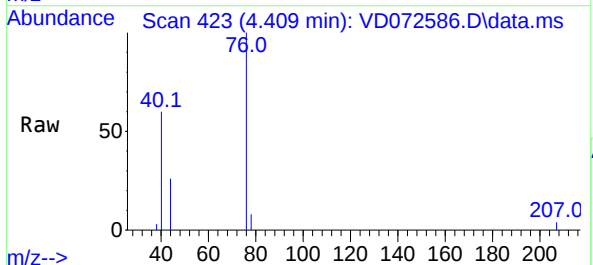
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1B-BASE-02

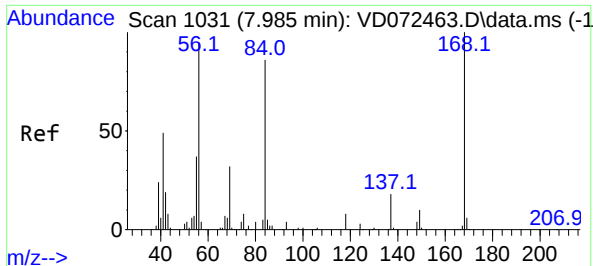
Tgt Ion:168 Resp: 544391
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#17
Carbon Disulfide
Concen: 4.871 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

Tgt Ion: 76 Resp: 14218
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

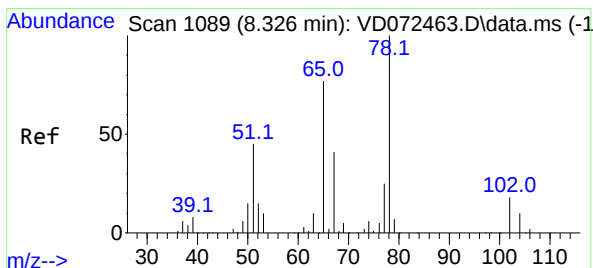
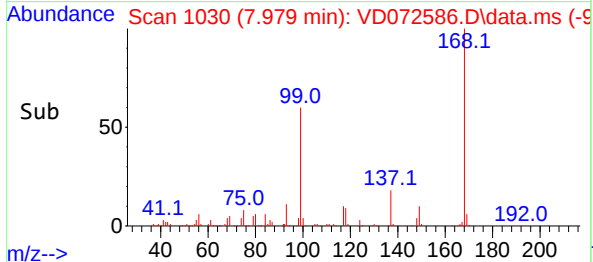
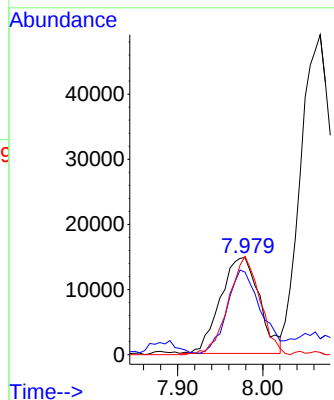
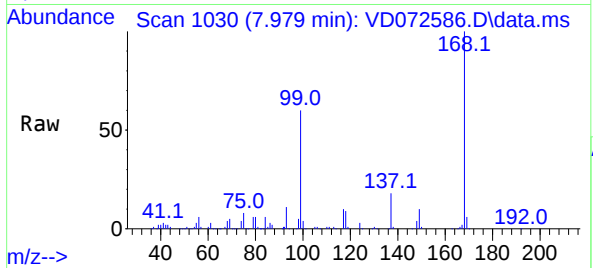




#31
Cyclohexane
Concen: 5.459 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

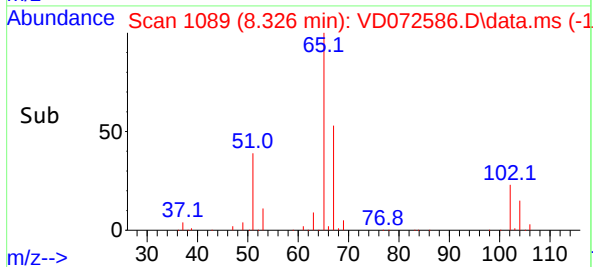
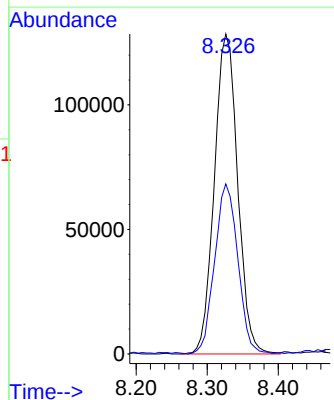
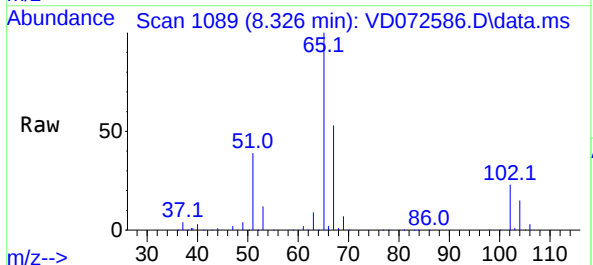
Instrument :
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ClientSampleId :
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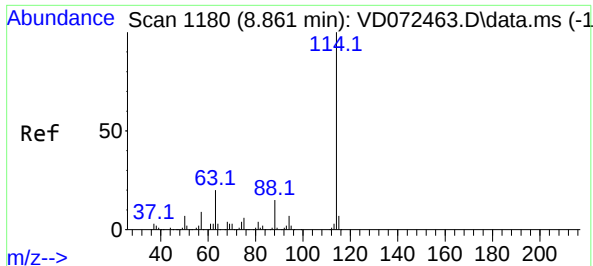
Tgt Ion: 56 Resp: 47010
Ion Ratio Lower Upper
56 100
69 79.8 25.4 38.2#
84 102.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.409 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

Tgt Ion: 65 Resp: 292456
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4

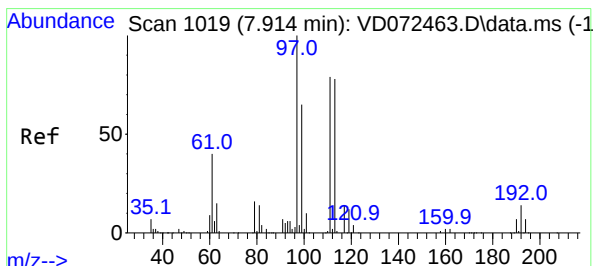
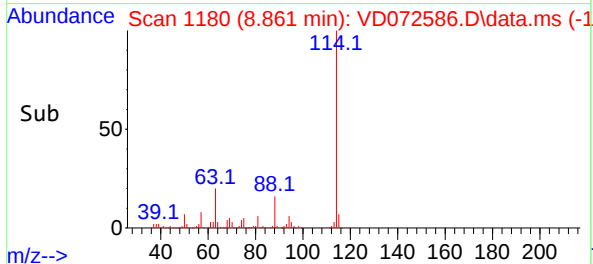
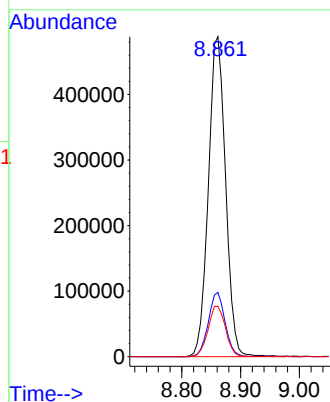
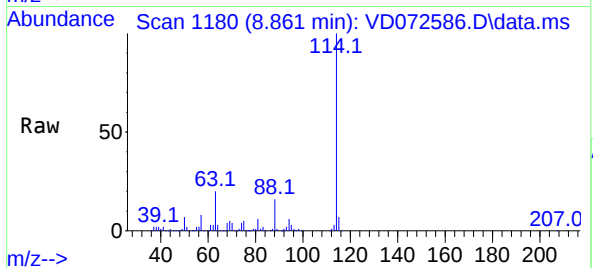




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

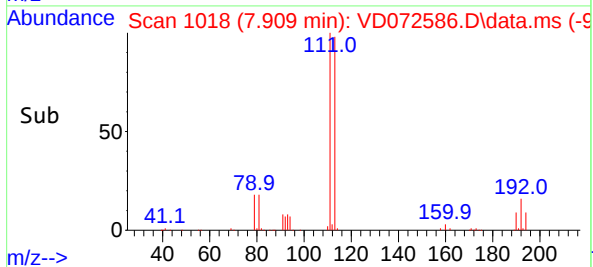
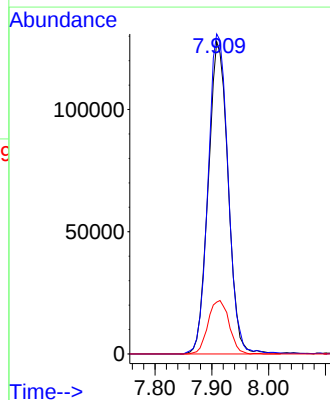
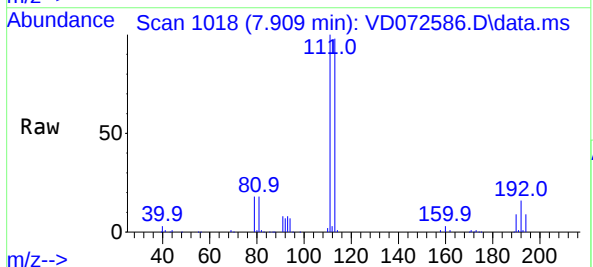
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1B-BASE-02

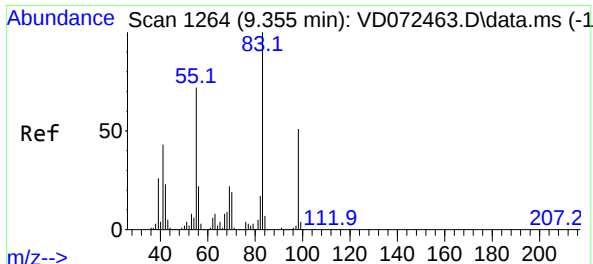
Tgt Ion:	114	Resp:	994538
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	46.6
88	15.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 40.053 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

Tgt Ion:	113	Resp:	309568
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	18.1	14.6	21.8

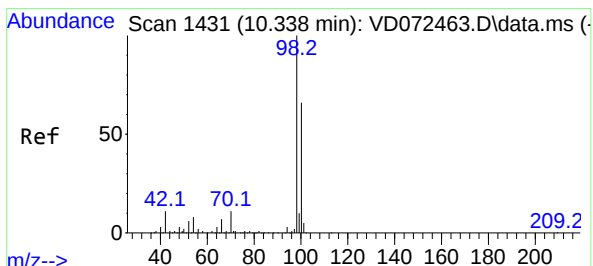
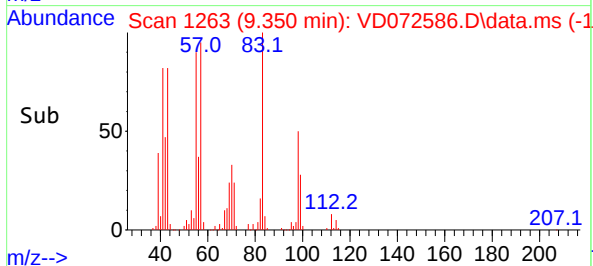
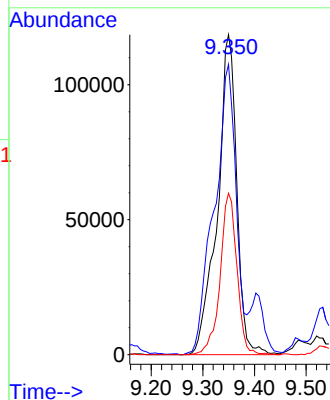
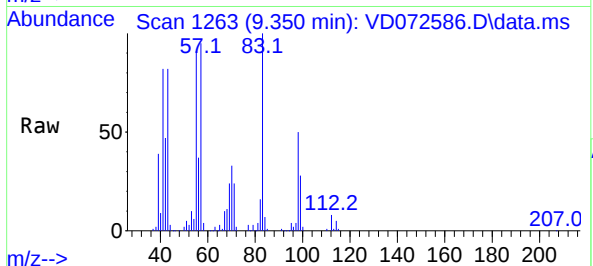




#39
Methylcyclohexane
Concen: 28.179 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

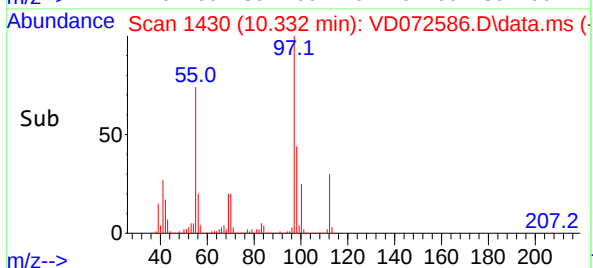
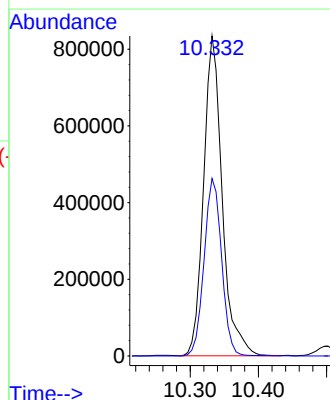
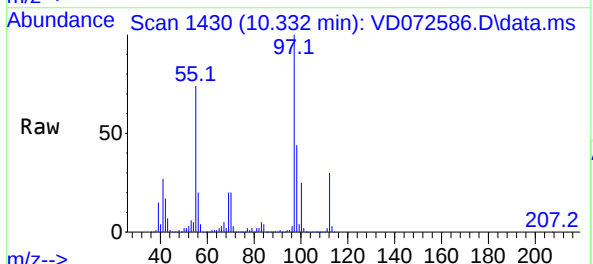
Instrument :
MSVOA_D
ClientSampleId :
SR-EX1B-BASE-02

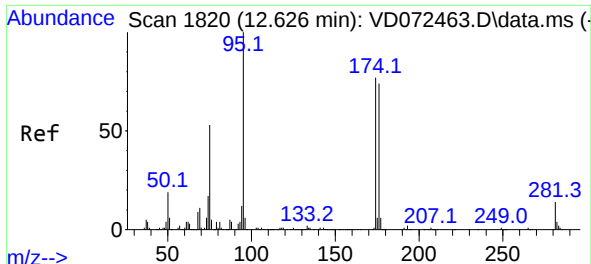
Tgt Ion: 83 Resp: 308811
Ion Ratio Lower Upper
83 100
55 90.7 63.2 94.8
98 50.5 38.2 57.4



#50
Toluene-d8
Concen: 58.997 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

Tgt Ion: 98 Resp: 1585039
Ion Ratio Lower Upper
98 100
100 52.3 52.4 78.6#

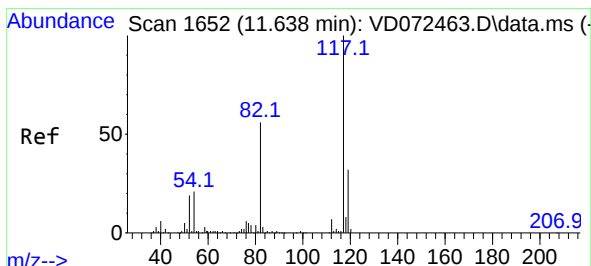
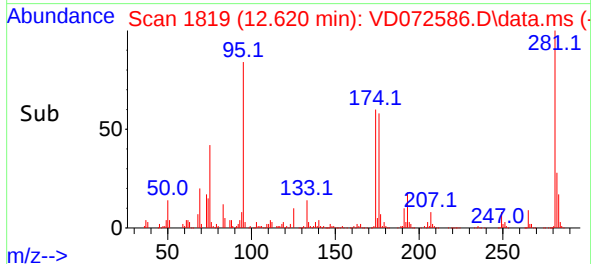
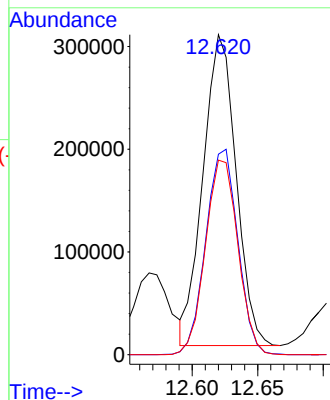
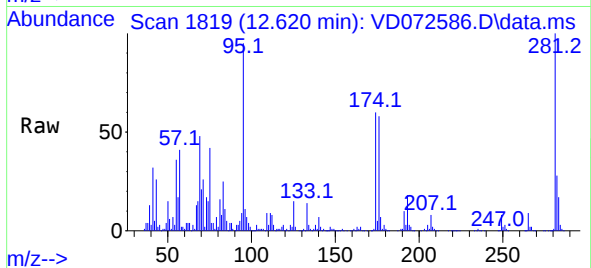




#62
4-Bromofluorobenzene
Concen: 50.450 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

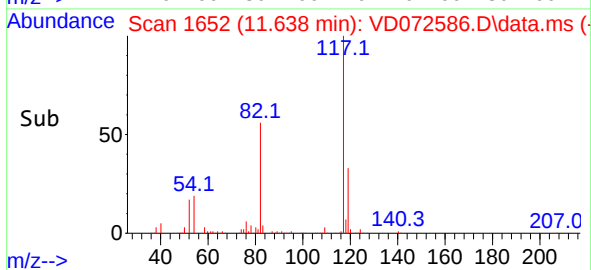
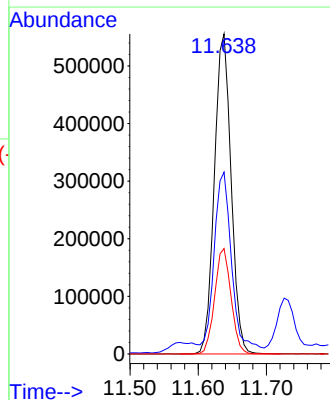
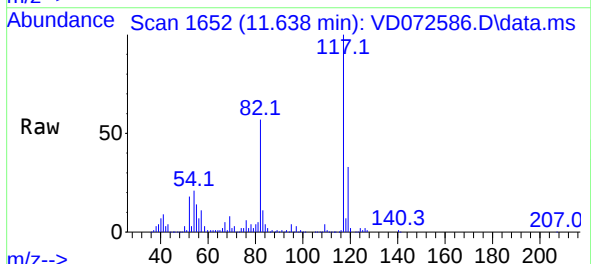
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ClientSampleId :
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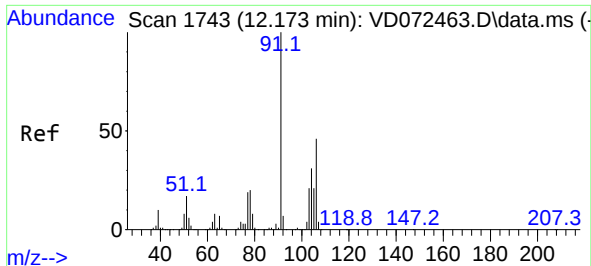
Tgt Ion: 95 Resp: 529350
Ion Ratio Lower Upper
95 100
174 64.3 0.0 152.8
176 61.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

Tgt Ion: 117 Resp: 949802
Ion Ratio Lower Upper
117 100
82 53.2 45.3 67.9
119 32.9 26.6 40.0

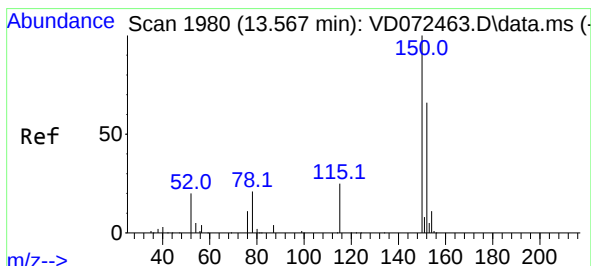
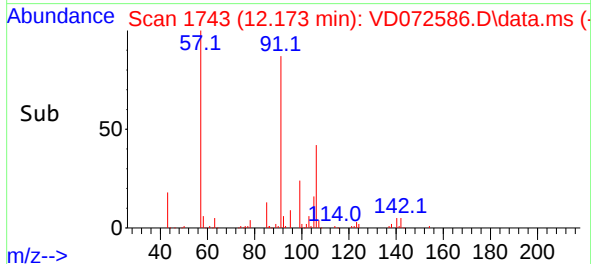
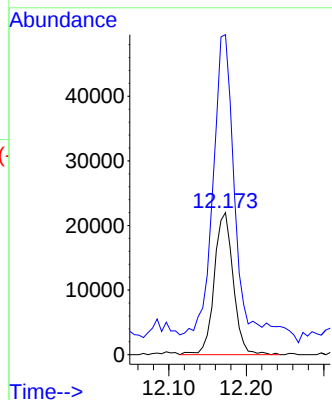
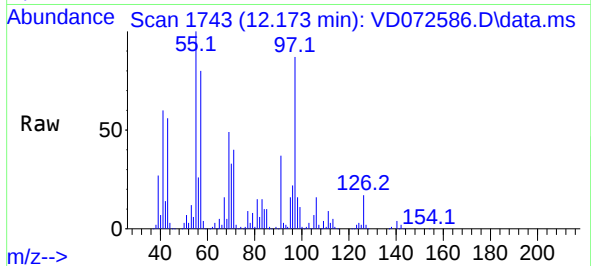




#69
o-Xylene
Concen: 2.755 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

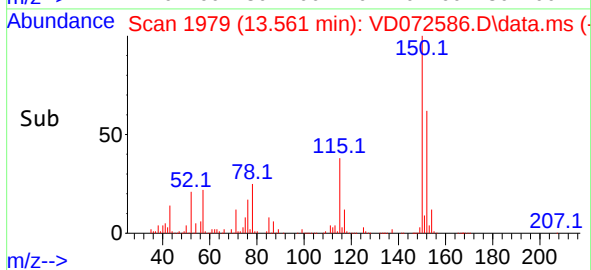
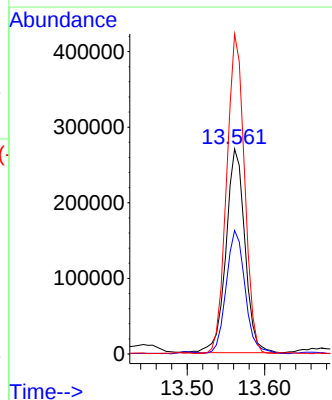
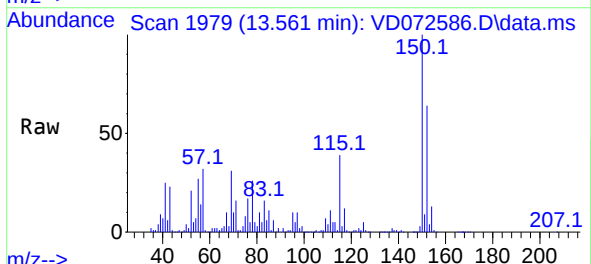
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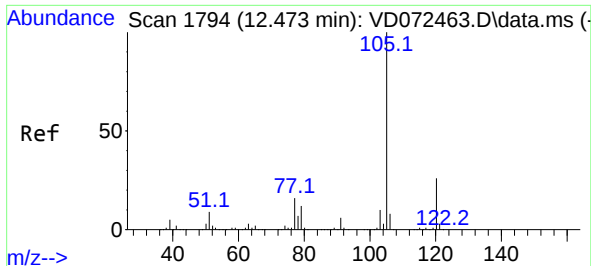
Tgt Ion:106 Resp: 37369
Ion Ratio Lower Upper
106 100
91 228.6 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

Tgt Ion:152 Resp: 459362
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 147.9 0.0 348.6

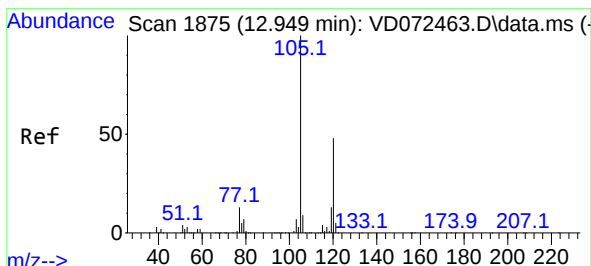
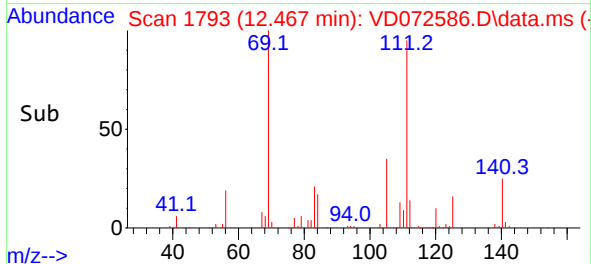
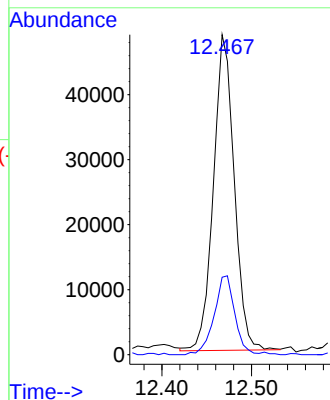
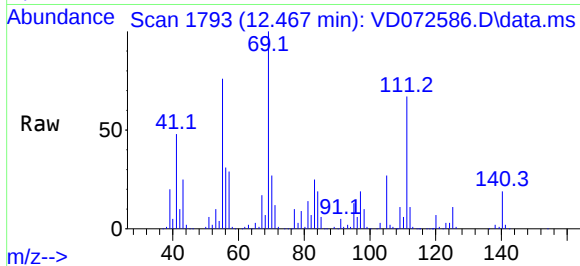




#73
Isopropylbenzene
Concen: 2.107 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

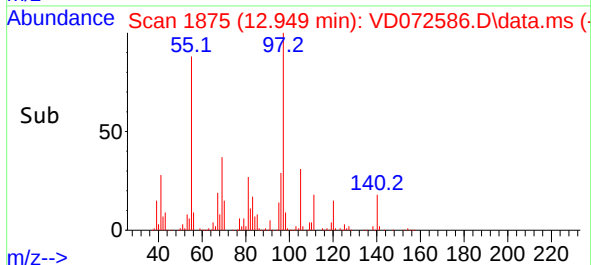
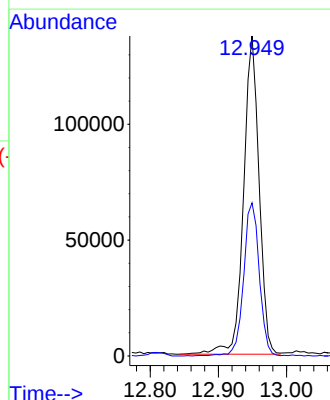
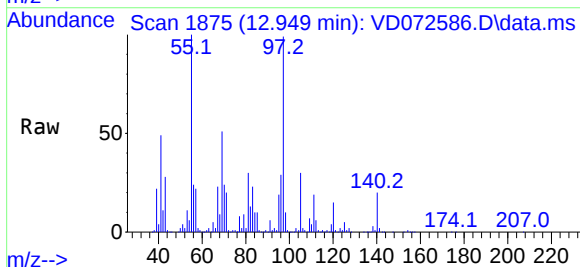
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SR-EX1B-BASE-02

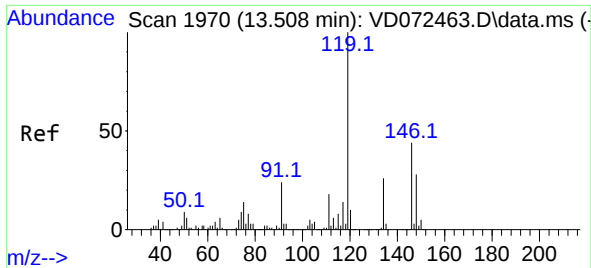
Tgt Ion:105 Resp: 78153
Ion Ratio Lower Upper
105 100
120 24.7 13.0 38.9



#80
1,3,5-Trimethylbenzene
Concen: 6.818 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072586.D
Acq: 11 Apr 2022 14:26

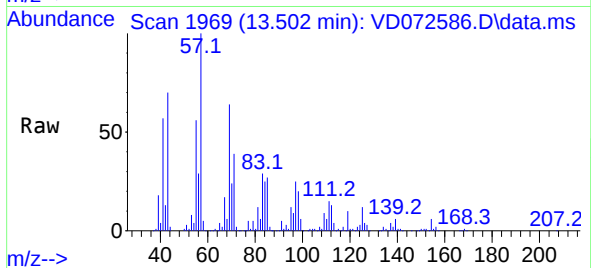
Tgt Ion:105 Resp: 216630
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8





#86
 p-Isopropyltoluene
 Concen: 1.241 ug/l
 RT: 13.502 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: VD072586.D
 Acq: 11 Apr 2022 14:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-EX1B-BASE-02



Tgt Ion:119 Resp: 42012
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.9 38.6
 91 37.3 12.1 36.3#

