

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068745.D
 Acq On : 31 Mar 2021 19:26
 Operator : VA/SY
 Sample : M1883-03
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 V-211

Manual Integrations
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 4/1/2021 3:20:41 PM

Quant Time: Apr 01 00:46:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	550841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	933112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	893262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	387994	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	242052	43.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.16%		
35) Dibromofluoromethane	7.920	113	275551	47.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.92%		
50) Toluene-d8	10.338	98	1443359	64.48	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	128.96%		
62) 4-Bromofluorobenzene	12.632	95	547515	75.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	150.88%#		
Target Compounds					Qvalue	
16) Acetone	4.156	43	92218	136.85	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	44524	6.60	ug/l	89
31) Cyclohexane	7.979	56	1718137	191.71	ug/l #	85
39) Methylcyclohexane	9.355	83	6933420	674.01	ug/l	96
40) Benzene	8.356	78	169805	6.98	ug/l	93
52) Toluene	10.403	92	7633274	496.05	ug/l	91
64) Tetrachloroethene	10.879	164	63698	11.00	ug/l	96
67) Ethyl Benzene	11.744	91	10262717	334.64	ug/l	94
68) m/p-Xylenes	11.844	106	20306004	1699.45	ug/l #	1
69) o-Xylene	12.179	106	10995738	992.96	ug/l	70
73) Isopropylbenzene	12.479	105	1421779	53.33	ug/l	100
78) n-propylbenzene	12.820	91	5384096	169.63	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	13899395	644.69	ug/l	93
83) tert-Butylbenzene	13.220	119	133130m	7.25	ug/l	
84) 1,2,4-Trimethylbenzene	13.255	105	21356271m	958.89	ug/l	
85) sec-Butylbenzene	13.396	105	1039200	38.90	ug/l #	58
86) p-Isopropyltoluene	13.514	119	1578829	64.95	ug/l	98
89) n-Butylbenzene	13.838	91	1661683	72.01	ug/l #	63
95) Naphthalene	15.396	128	15657399	1299.33	ug/l	95

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

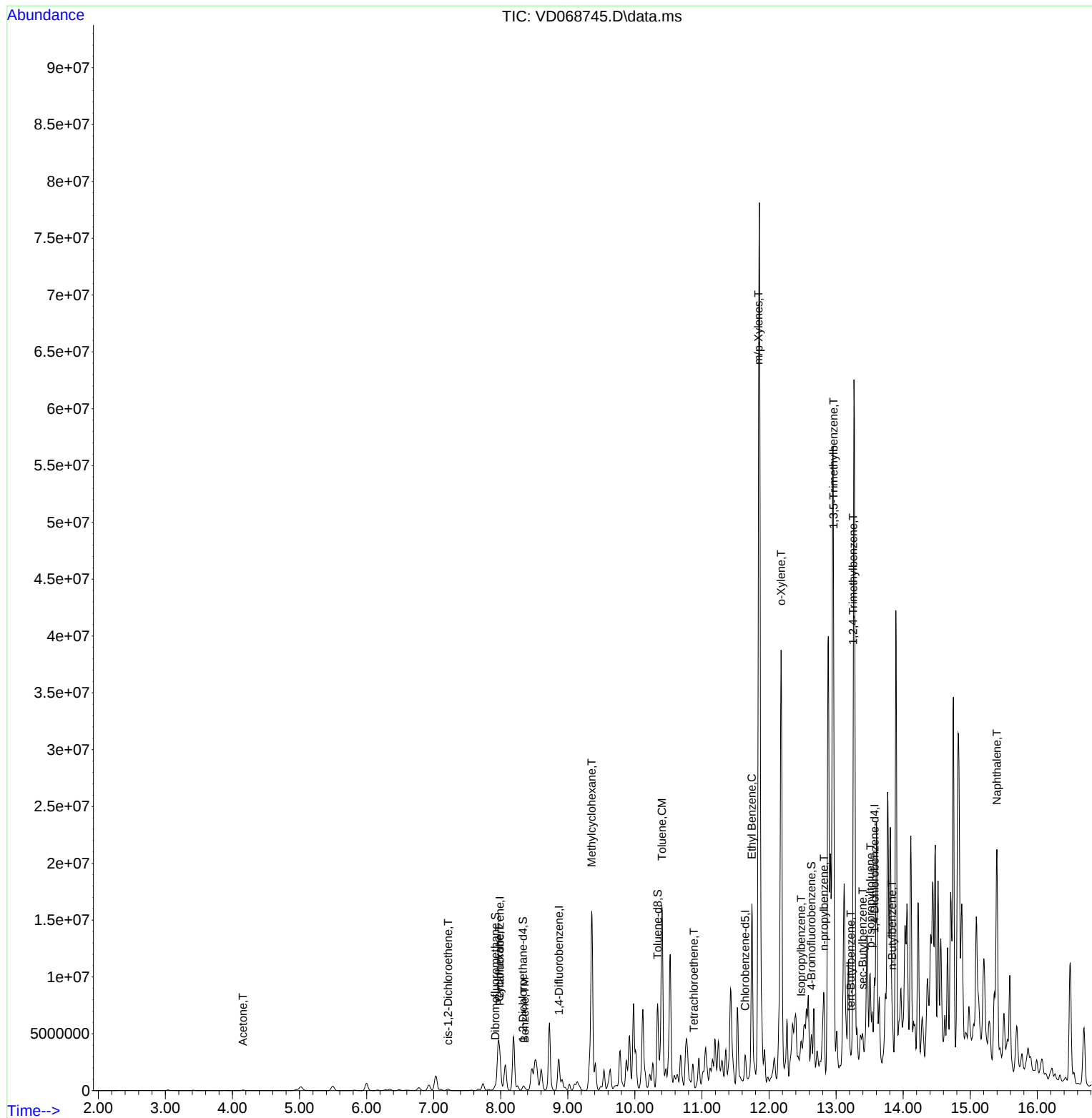
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
Data File : VD068745.D
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ALS Vial : 19 Sample Multiplier: 1

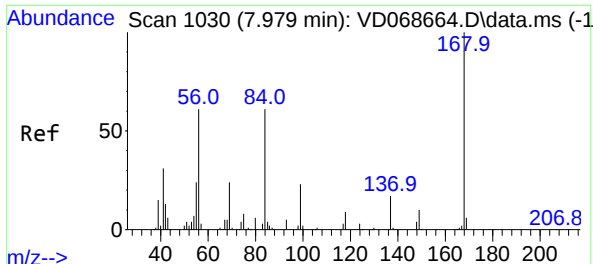
Instrument :
MSVOA_D
ClientSampleId :
V-211

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Quant Time: Apr 01 00:46:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration





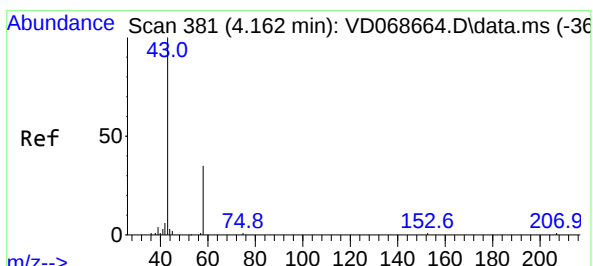
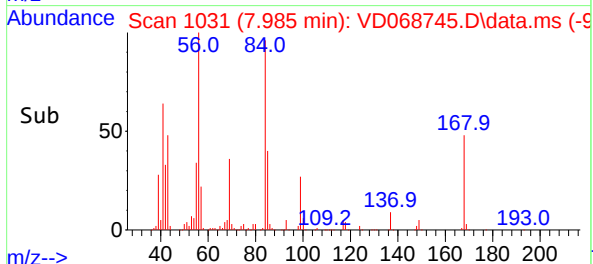
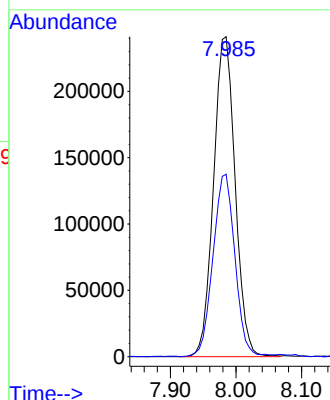
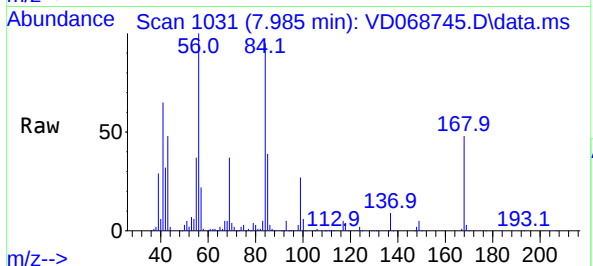
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:168 Resp: 550841
Ion Ratio Lower Upper
168 100
99 57.0 46.2 69.2

Instrument :
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ClientSampled :
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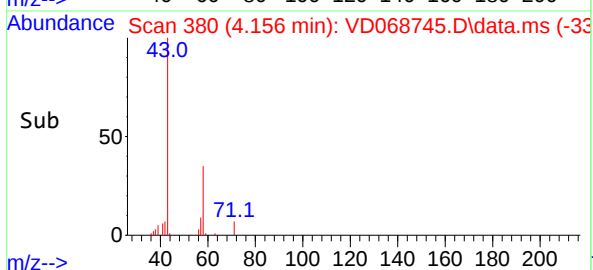
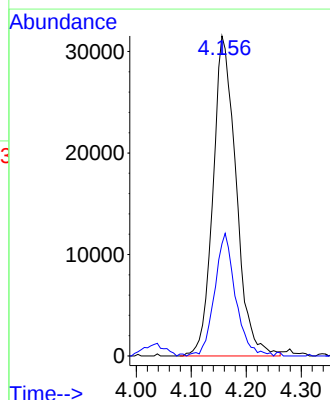
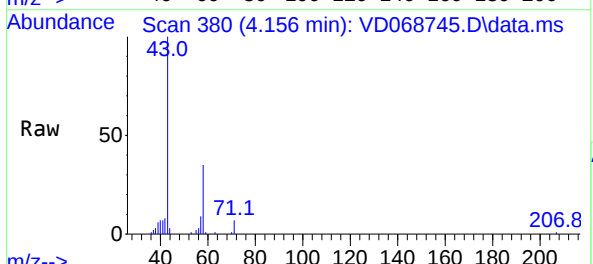
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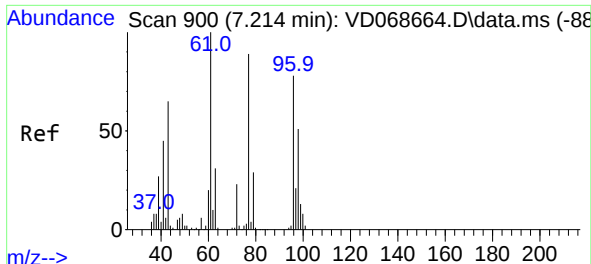
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#16
Acetone
Concen: 136.85 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 43 Resp: 92218
Ion Ratio Lower Upper
43 100
58 34.5 28.0 42.0





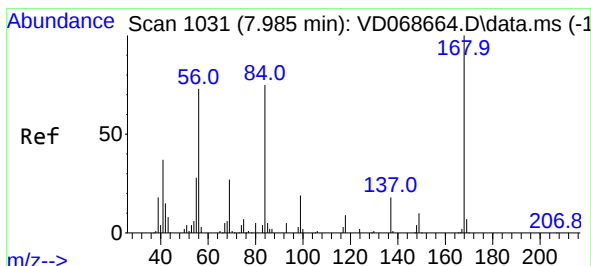
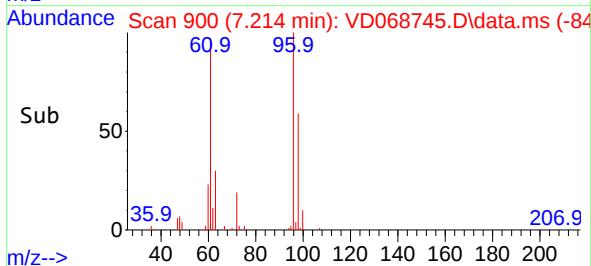
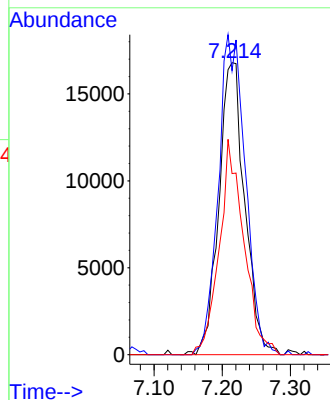
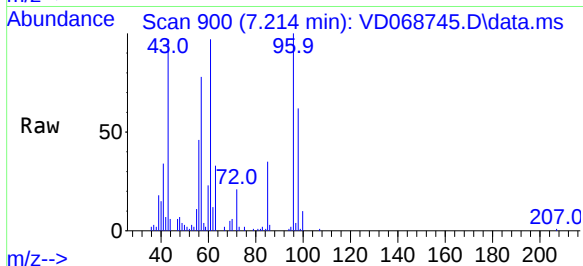
#27
cis-1,2-Dichloroethene
Concen: 6.60 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 96 Resp: 44524
Ion Ratio Lower Upper
96 100
61 114.5 0.0 258.8
98 69.7 0.0 128.4

Instrument :
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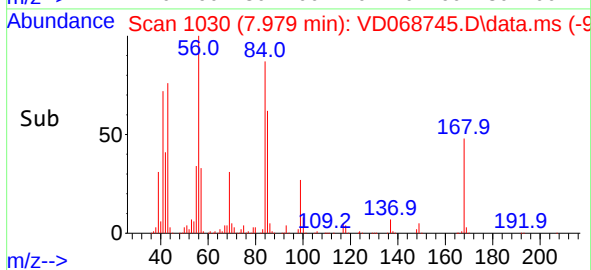
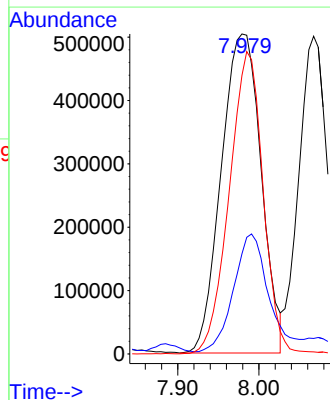
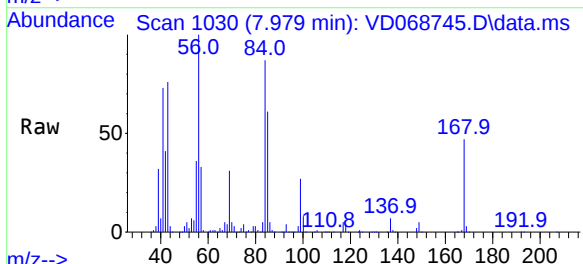
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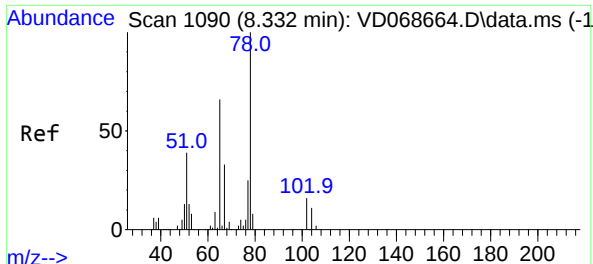
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#31
Cyclohexane
Concen: 191.71 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 56 Resp: 1718137
Ion Ratio Lower Upper
56 100
69 29.5 30.0 45.0#
84 87.3 82.0 123.0





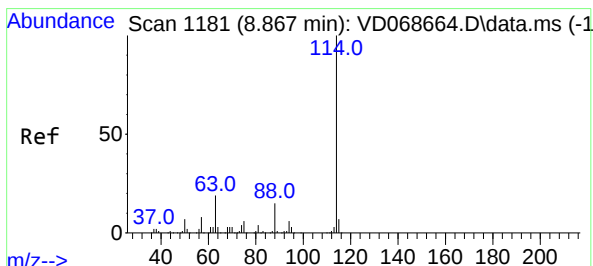
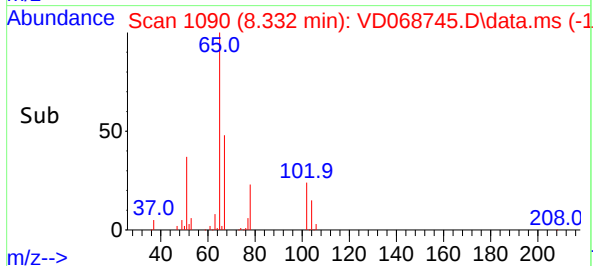
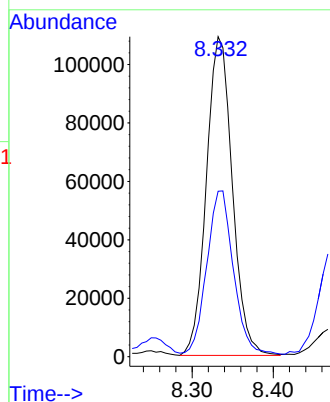
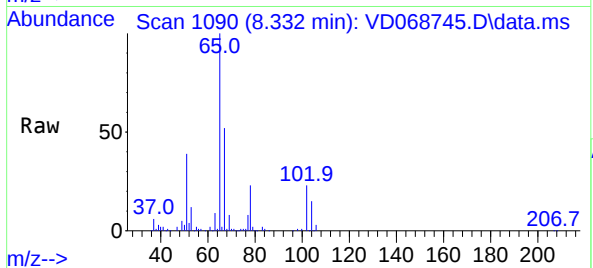
#33
1,2-Dichloroethane-d4
Concen: 43.58 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 65 Resp: 242052
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

Instrument :
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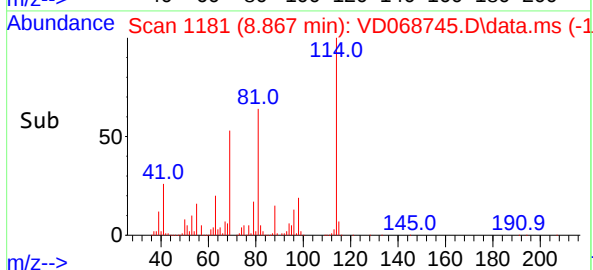
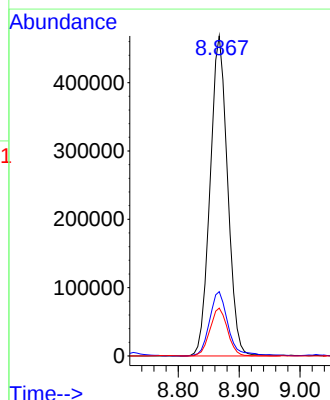
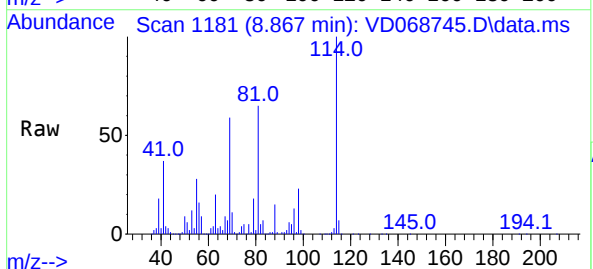
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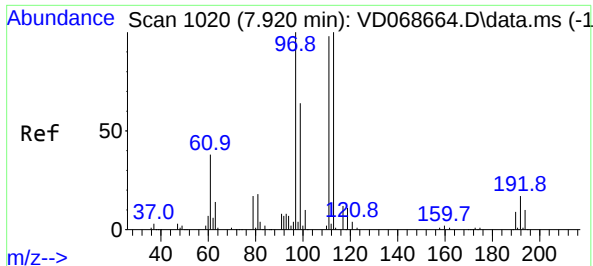
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:114 Resp: 933112
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.2
88 14.9 0.0 29.4





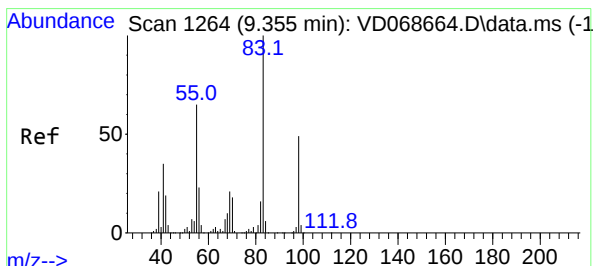
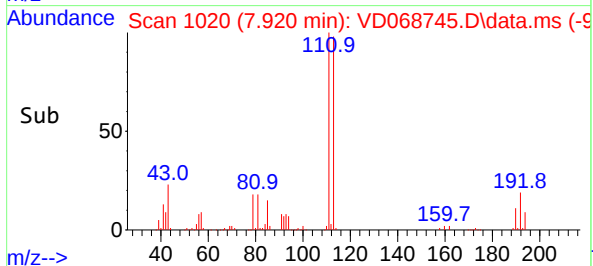
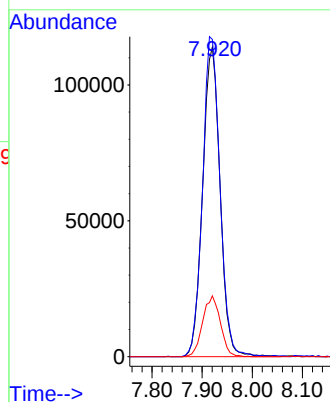
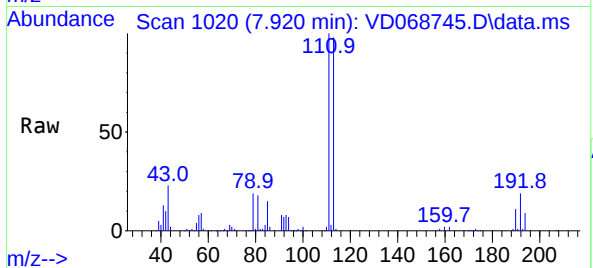
#35
Dibromofluoromethane
Concen: 47.46 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 113 Resp: 275551
Ion Ratio Lower Upper
113 100
111 102.9 82.5 123.7
192 19.9 15.1 22.7

Instrument :
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ClientSampled :
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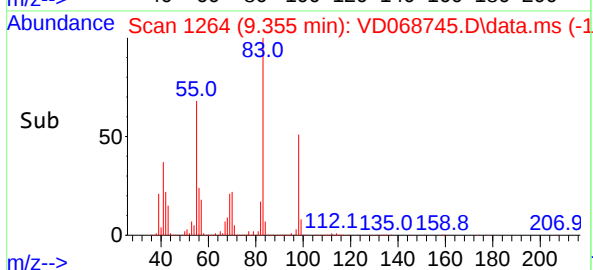
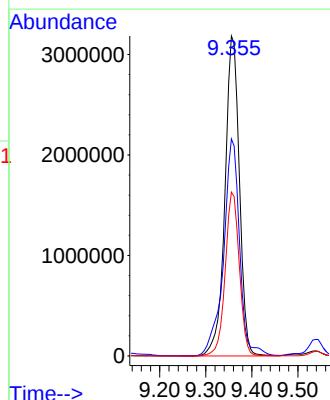
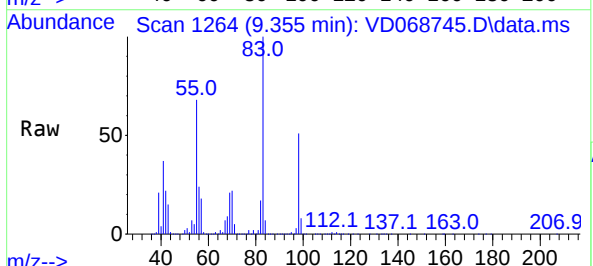
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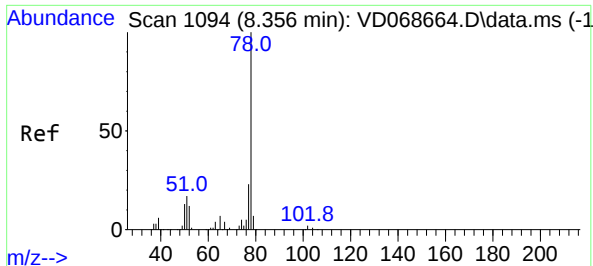
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#39
Methylcyclohexane
Concen: 674.01 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 83 Resp: 6933420
Ion Ratio Lower Upper
83 100
55 67.8 51.7 77.5
98 51.2 38.8 58.2





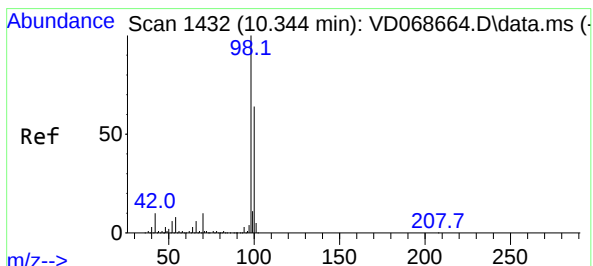
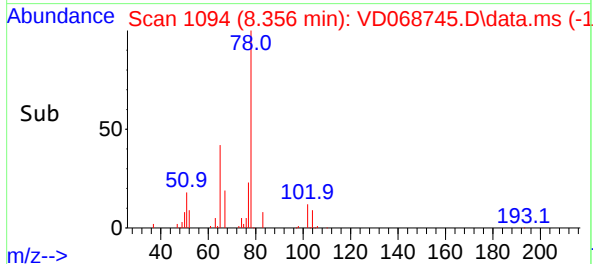
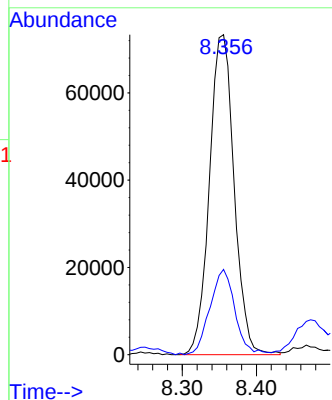
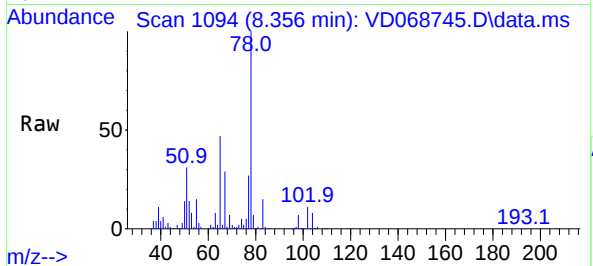
#40
Benzene
Concen: 6.98 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 78 Resp: 169805
Ion Ratio Lower Upper
78 100
77 26.2 18.2 27.2

Instrument :
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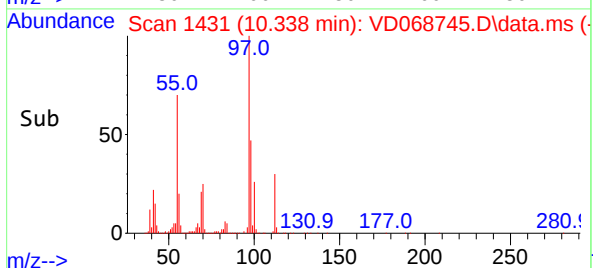
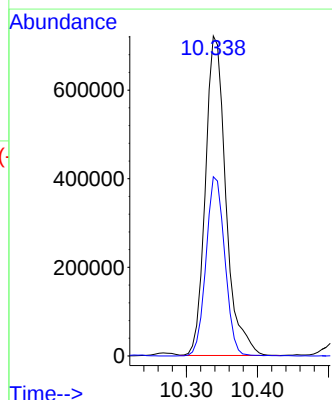
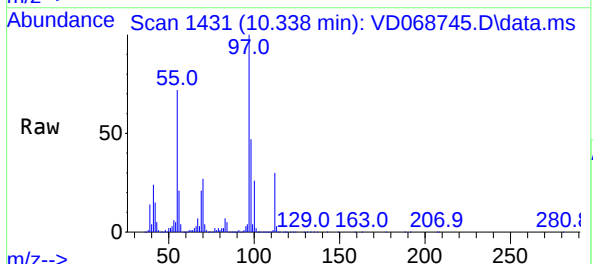
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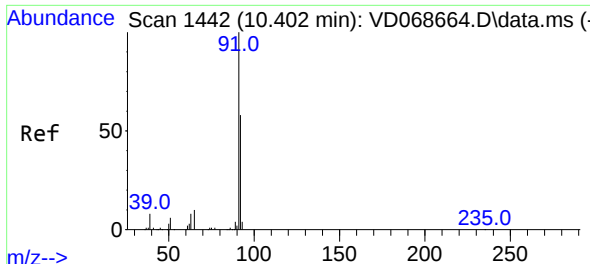
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#50
Toluene-d8
Concen: 64.48 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 98 Resp: 1443359
Ion Ratio Lower Upper
98 100
100 51.7 51.8 77.6#





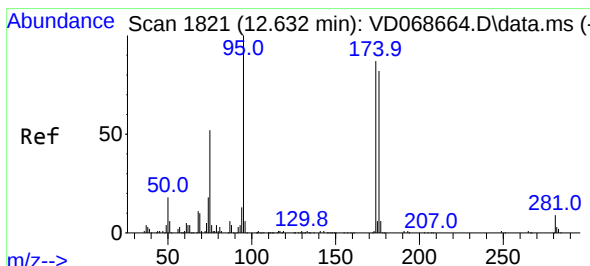
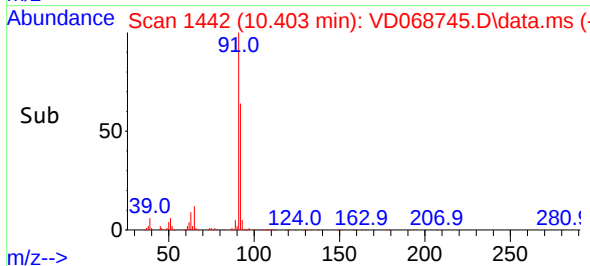
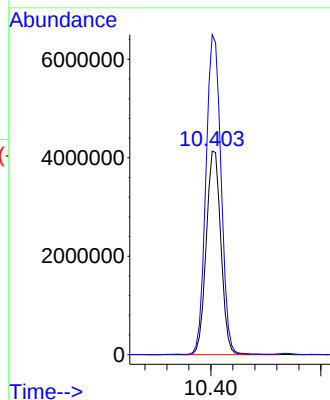
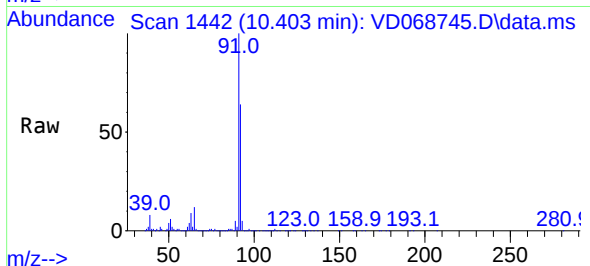
#52
Toluene
Concen: 496.05 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 92 Resp: 7633274
Ion Ratio Lower Upper
92 100
91 161.9 139.1 208.7

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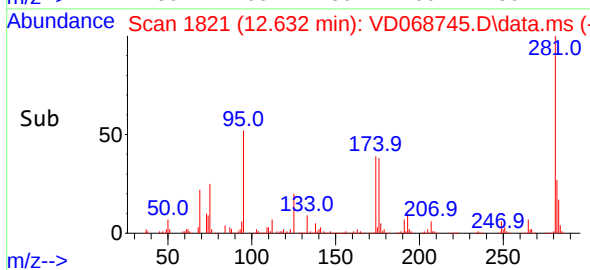
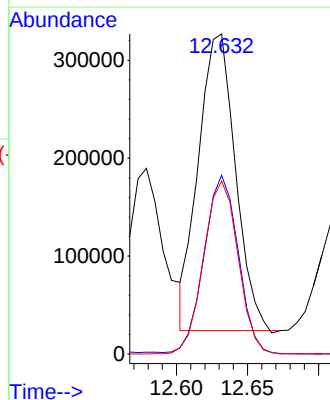
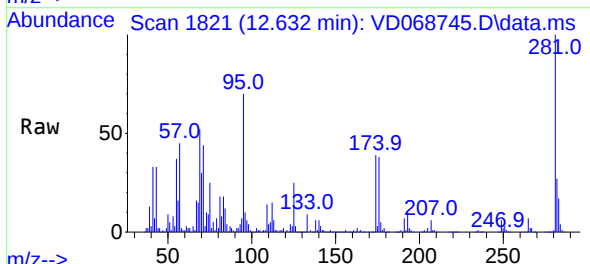
Manual Integrations
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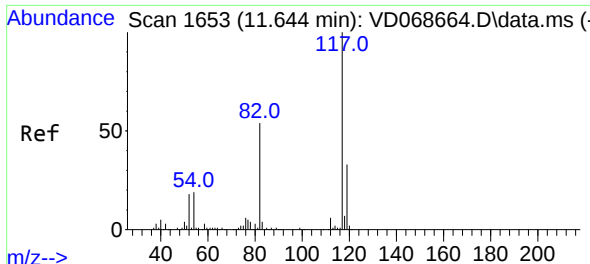
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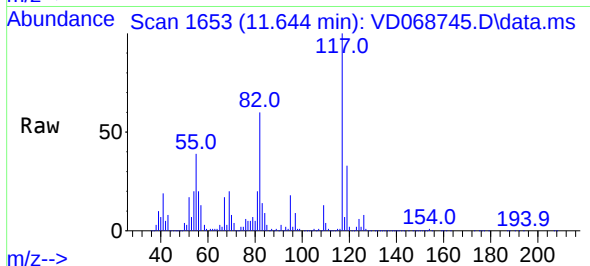
#62
4-Bromofluorobenzene
Concen: 75.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 95 Resp: 547515
Ion Ratio Lower Upper
95 100
174 55.7 0.0 168.0
176 54.6 0.0 160.2

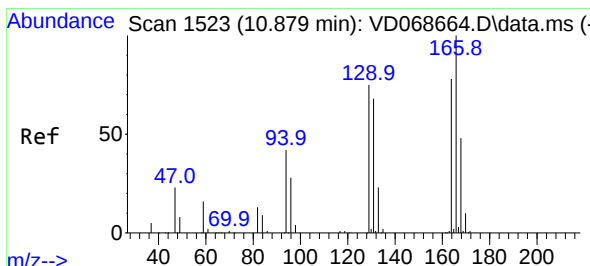
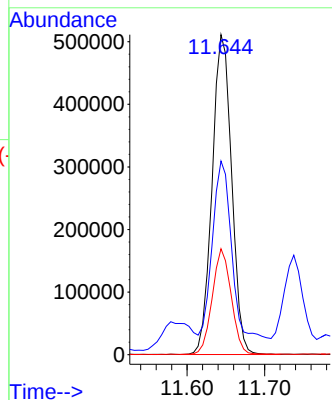
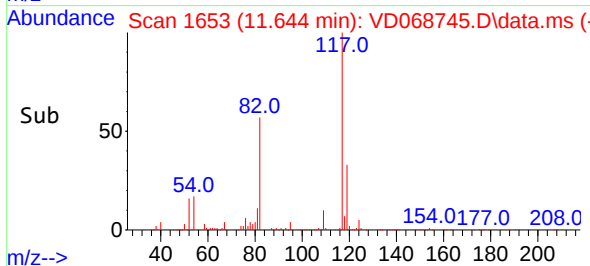




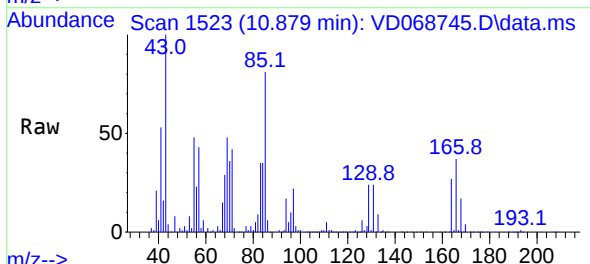
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Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26



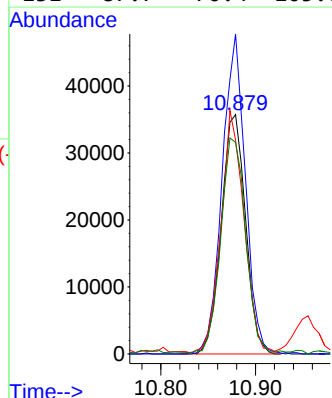
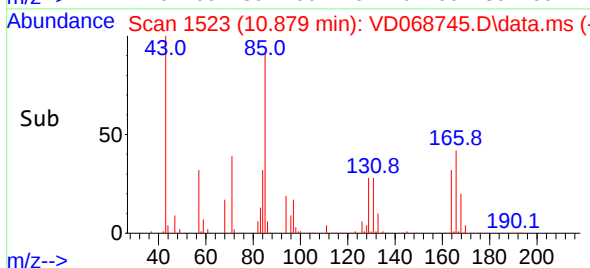
Tgt Ion:117 Resp: 893262
Ion Ratio Lower Upper
117 100
82 50.7 43.5 65.3
119 33.1 26.7 40.1



#64
Tetrachloroethene
Concen: 11.00 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26



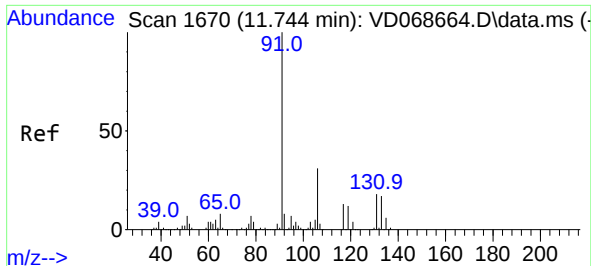
Tgt Ion:164 Resp: 63698
Ion Ratio Lower Upper
164 100
166 133.7 103.0 154.6
129 88.4 77.4 116.0
131 87.7 70.4 105.6



Instrument :
MSVOA_D
ClientSampled :
V-211

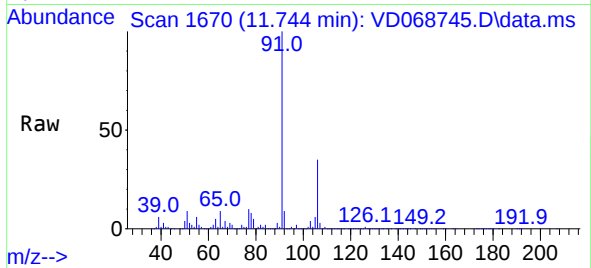
Manual Integrations
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#67
Ethyl Benzene
Concen: 334.64 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

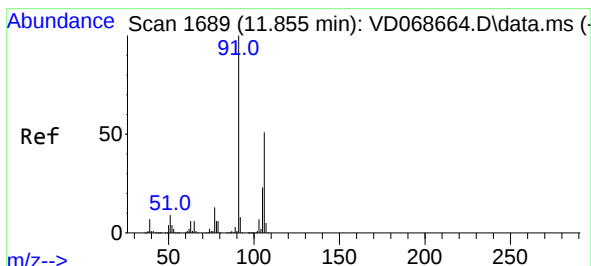
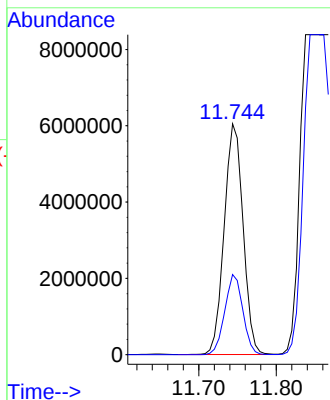
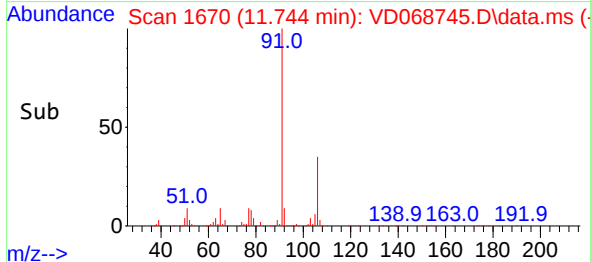
Instrument :
MSVOA_D
ClientSampled :
V-211



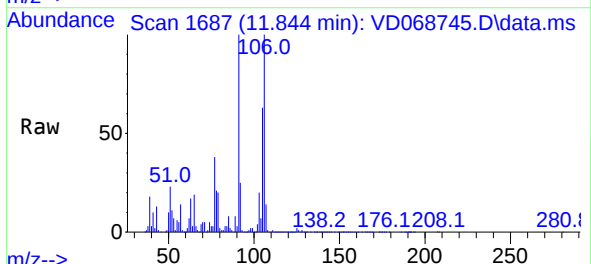
Tgt Ion: 91 Resp:10262717
Ion Ratio Lower Upper
91 100
106 34.7 25.1 37.7

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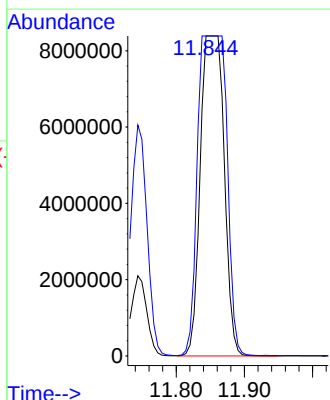
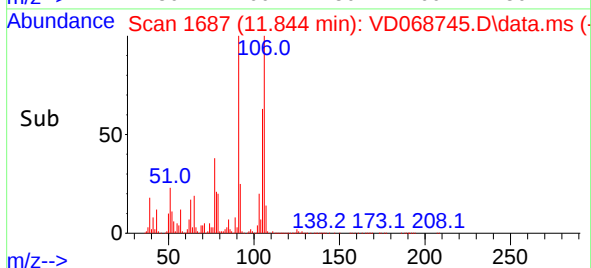
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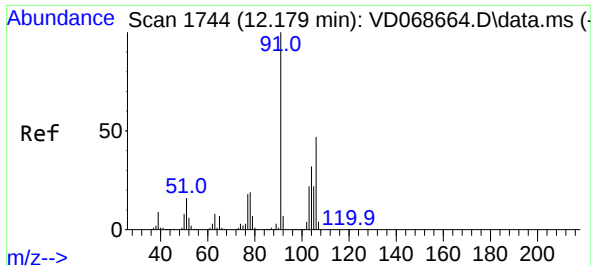


#68
m/p-Xylenes
Concen: 1699.45 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.012 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26



Tgt Ion:106 Resp:20306004
Ion Ratio Lower Upper
106 100
91 0.0 158.6 238.0#





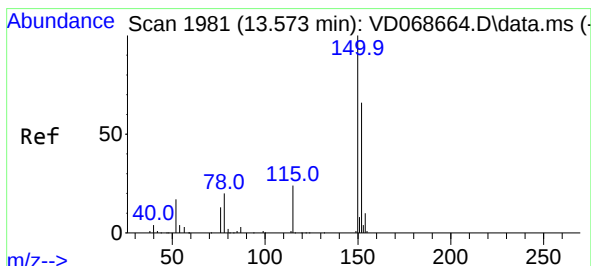
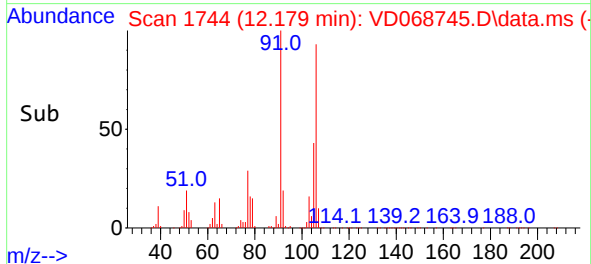
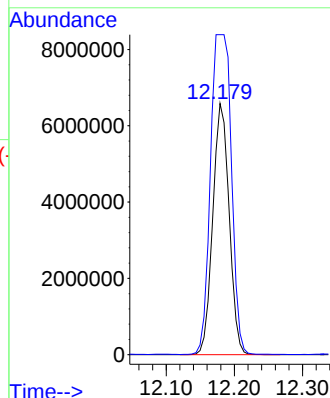
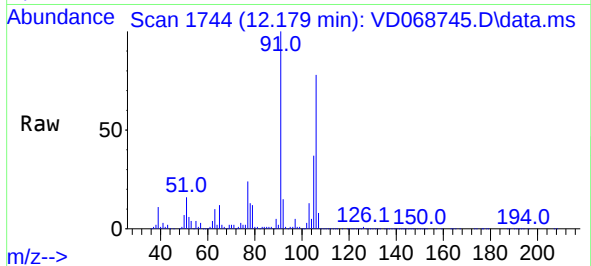
#69
o-Xylene
Concen: 992.96 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:106 Resp:10995738
Ion Ratio Lower Upper
106 100
91 162.4 105.0 315.0

Instrument :
MSVOA_D
ClientSampled :
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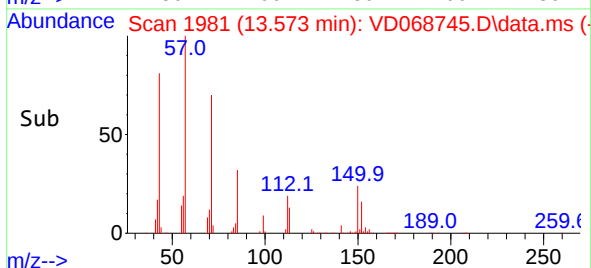
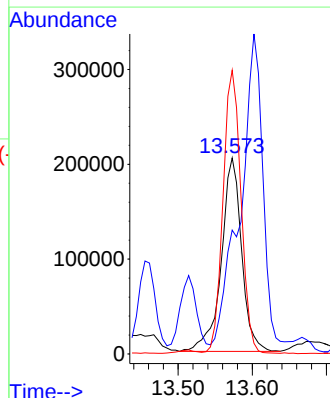
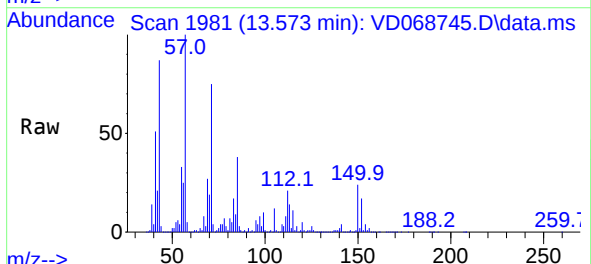
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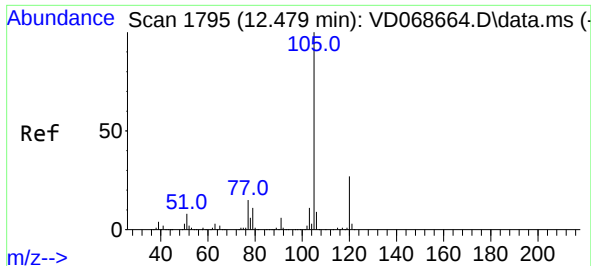
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

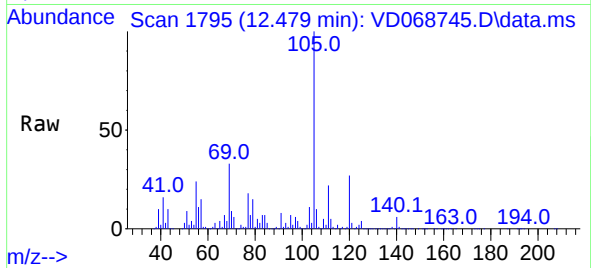
Tgt Ion:152 Resp: 387994
Ion Ratio Lower Upper
152 100
115 0.0 29.3 87.8#
150 128.8 0.0 347.6





#73
Isopropylbenzene
Concen: 53.33 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

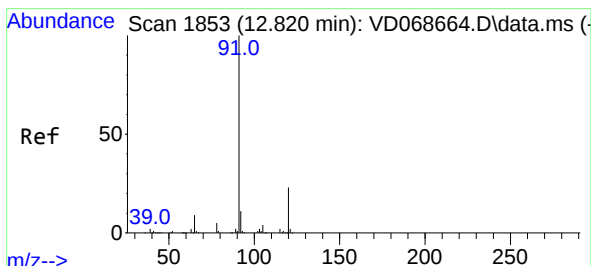
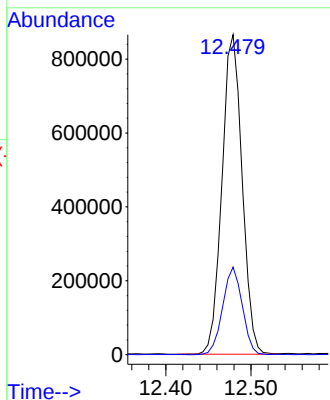
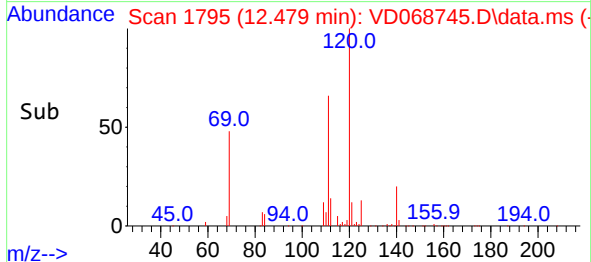
Instrument :
MSVOA_D
ClientSampled :
V-211



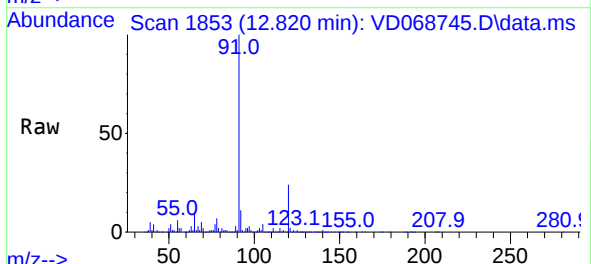
Tgt Ion: 105 Resp: 1421779
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

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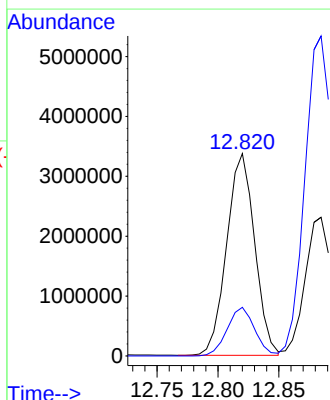
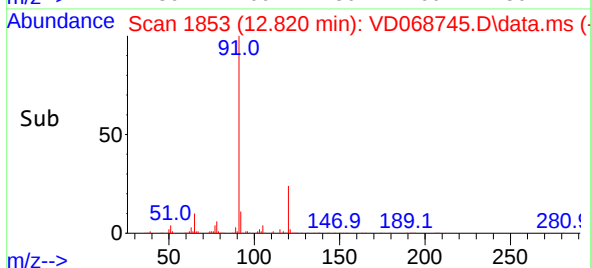
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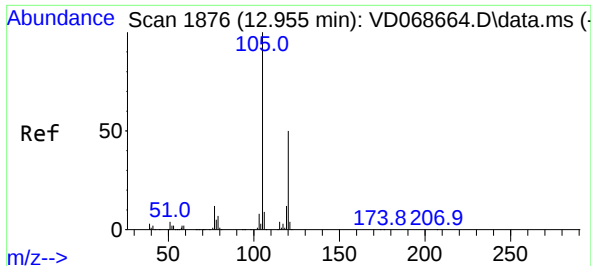


#78
n-propylbenzene
Concen: 169.63 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26



Tgt Ion: 91 Resp: 5384096
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2





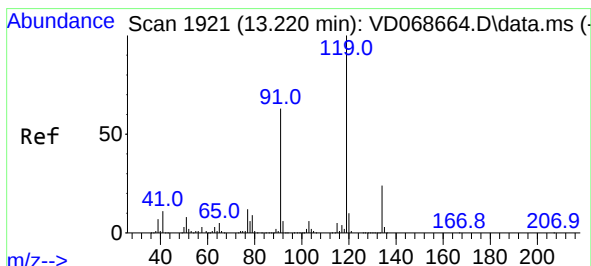
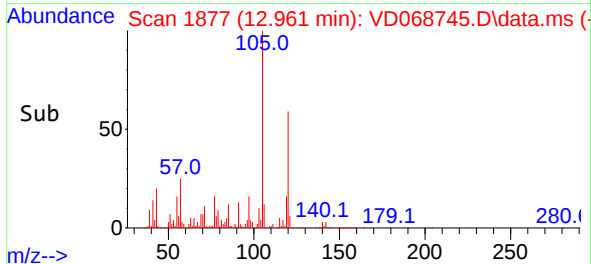
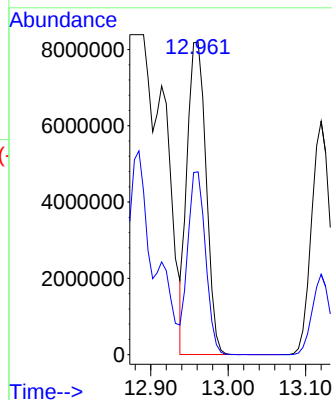
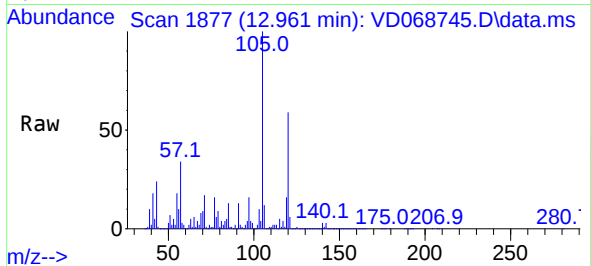
#80
1,3,5-Trimethylbenzene
Concen: 644.69 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:105 Resp:13899395
Ion Ratio Lower Upper
105 100
120 54.7 24.9 74.7

Instrument :
MSVOA_D
ClientSampled :
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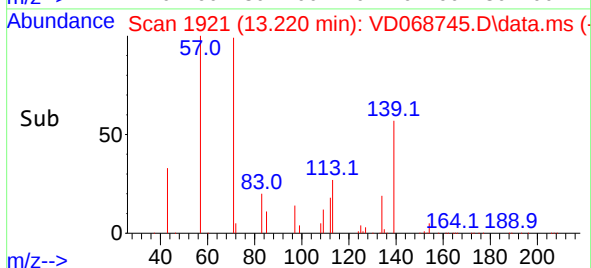
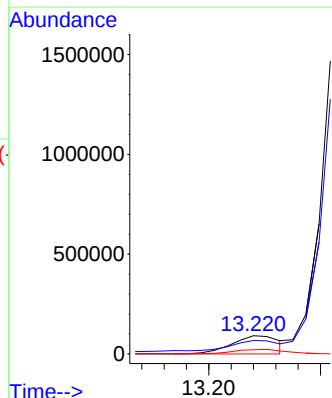
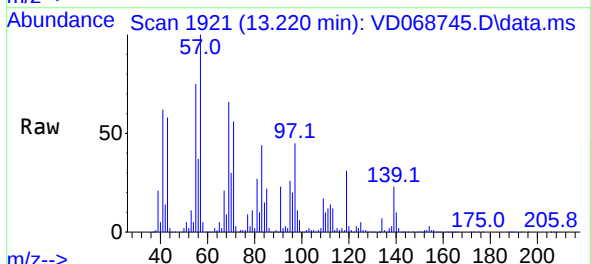
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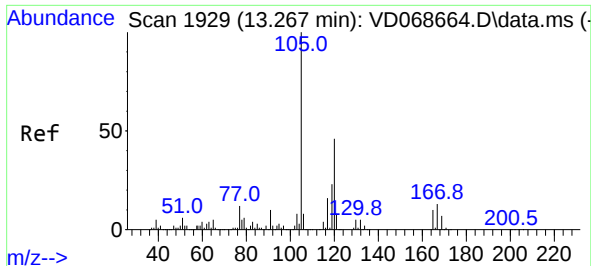
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#83
tert-Butylbenzene
Concen: 7.25 ug/l m
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

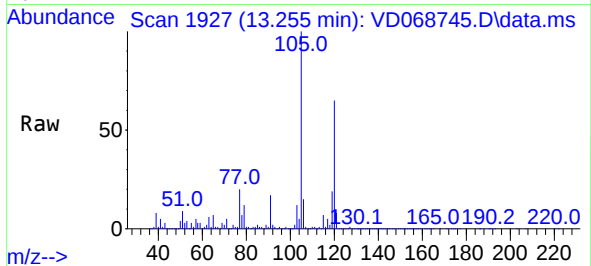
Tgt Ion:119 Resp: 133130
Ion Ratio Lower Upper
119 100
91 3664.2 31.6 95.0#
134 0.0 13.4 40.2#





#84
1,2,4-Trimethylbenzene
Concen: 958.89 ug/l m
RT: 13.255 min Scan# 1927
Delta R.T. -0.012 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

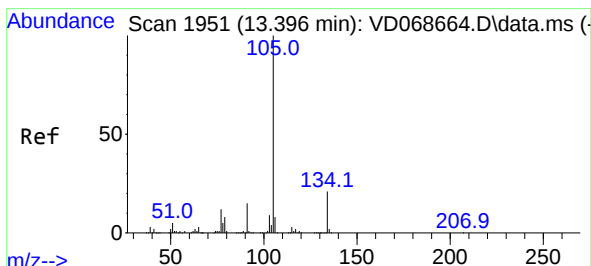
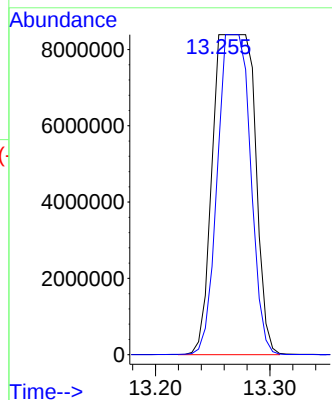
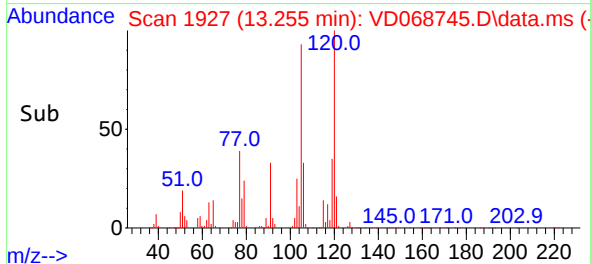
Instrument :
MSVOA_D
ClientSampled :
V-211



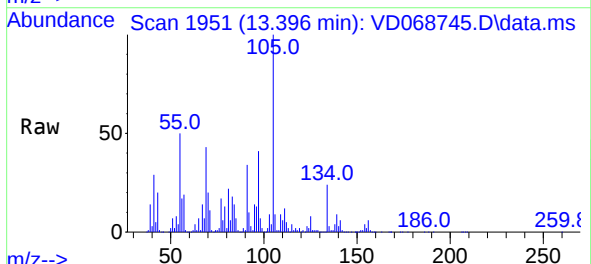
Tgt Ion:105 Resp:21356271
Ion Ratio Lower Upper
105 100
120 15.5 22.6 67.7#

Manual Integrations
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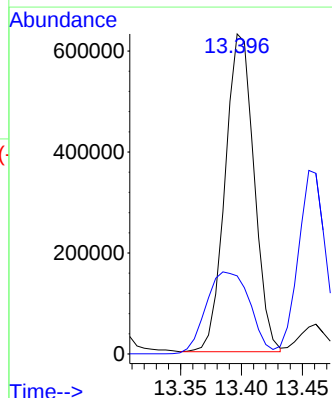
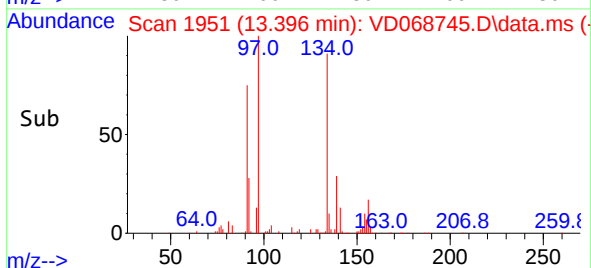
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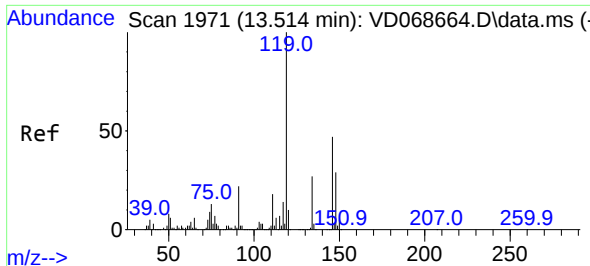


#85
sec-Butylbenzene
Concen: 38.90 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26



Tgt Ion:105 Resp: 1039200
Ion Ratio Lower Upper
105 100
134 39.0 10.0 29.8#





#86
p-Isopropyltoluene
Concen: 64.95 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

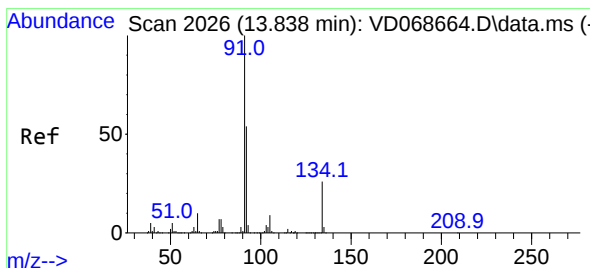
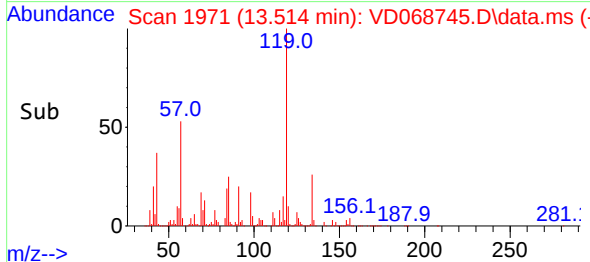
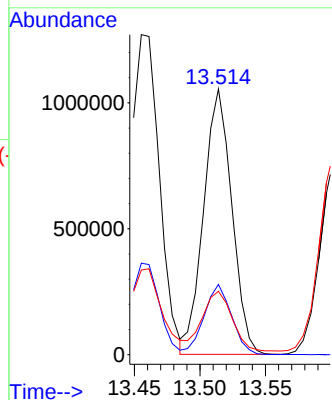
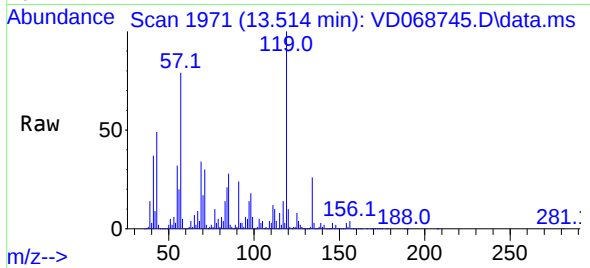
Tgt Ion: 119 Resp: 1578829

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.9
91	23.2	11.1	33.1

Instrument :
MSVOA_D
ClientSampled :
V-211

Manual Integrations
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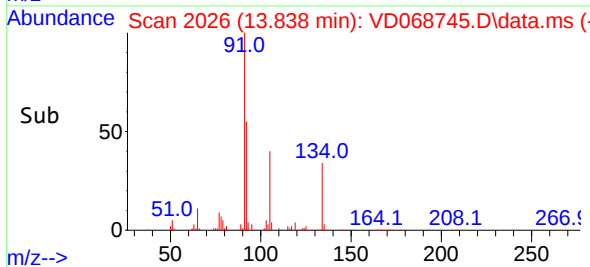
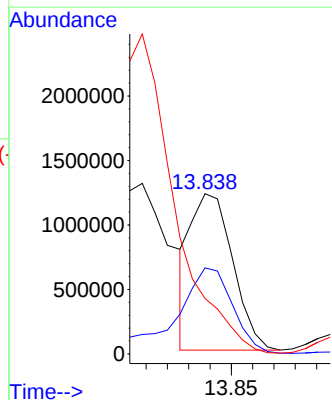
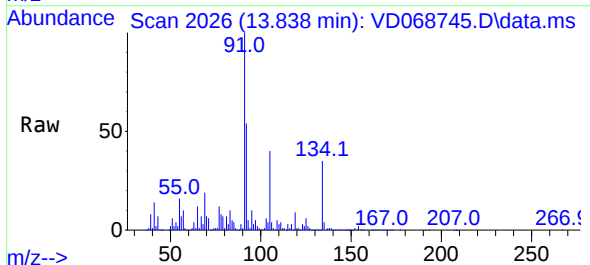
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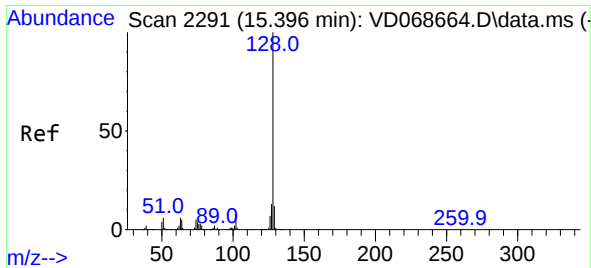


#89
n-Butylbenzene
Concen: 72.01 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 91 Resp: 1661683

Ion	Ratio	Lower	Upper
91	100		
92	74.7	26.7	80.1
134	0.0	12.9	38.6





#95
Naphthalene
Concen: 1299.33 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:128 Resp:15657399

Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.2	15.4
129	12.5	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
V-211

Manual Integrations
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