

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070472.D
 Acq On : 27 Sep 2021 12:40
 Operator : VA/SY
 Sample : M3920-02RE
 Misc : 7.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-839-R-SO-2-2.5-092321RE

Quant Time: Sep 28 04:12:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	7915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	15214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	14867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	7058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8713	85.732	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.460%#	
35) Dibromofluoromethane	7.909	113	5486	50.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.320%	
50) Toluene-d8	10.332	98	14982	38.103	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 76.200%	
62) 4-Bromofluorobenzene	12.626	95	6149	44.747	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.500%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.979	85	76	Below Cal	#	43
3) Chloromethane	2.215	50	749	3.209	ug/l #	42
4) Vinyl Chloride	2.344	62	439	3.525	ug/l #	44
5) Bromomethane	2.774	94	1180	11.607	ug/l #	65
6) Chloroethane	2.926	64	139	Below Cal	#	43
7) Trichlorofluoromethane	3.268	101	179	1.087	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	162	1.583	ug/l #	70
10) Methyl Iodide	4.320	142	968	10.708	ug/l #	66
11) Tert butyl alcohol	5.197	59	54	4.699	ug/l #	100
16) Acetone	4.168	43	5030	277.217	ug/l	91
17) Carbon Disulfide	4.397	76	383	1.127	ug/l #	74
20) Methylene Chloride	4.962	84	1418	6.174	ug/l #	80
25) 2-Butanone	7.220	43	594	24.593	ug/l #	1
26) 2,2-Dichloropropane	7.214	77	223	1.345	ug/l #	51
27) cis-1,2-Dichloroethene	7.214	96	234	1.986	ug/l #	72
29) Tetrahydrofuran	7.579	42	60	3.870	ug/l #	29
31) Cyclohexane	7.973	56	354	2.022	ug/l #	78
36) 1,1-Dichloropropene	7.967	75	368	2.263	ug/l #	41
37) Ethyl Acetate	7.220	43	594	9.768	ug/l #	34
39) Methylcyclohexane	9.350	83	463	2.549	ug/l #	59
40) Benzene	8.367	78	1022	2.145	ug/l #	53
44) Trichloroethene	9.103	130	243	2.134	ug/l	88
51) 4-Methyl-2-Pentanone	10.232	43	443	7.614	ug/l #	53
52) Toluene	10.397	92	611	2.122	ug/l	93
59) 2-Hexanone	10.979	43	312	8.038	ug/l #	44
60) Dibromochloromethane	10.873	129	287	2.784	ug/l #	11
64) Tetrachloroethene	10.873	164	214	2.364	ug/l #	60
65) Chlorobenzene	11.661	112	438	1.422	ug/l #	78
67) Ethyl Benzene	11.732	91	1100	2.071	ug/l #	88
68) m/p-Xylenes	11.861	106	701	3.417	ug/l	92
69) o-Xylene	12.179	106	287	1.562	ug/l	81
70) Styrene	12.185	104	728	2.268	ug/l #	81
73) Isopropylbenzene	12.479	105	730	1.475	ug/l #	66
74) N-amyl acetate	12.273	43	311	2.884	ug/l #	37
76) 1,2,3-Trichloropropane	12.773	75	88	1.233	ug/l #	1
77) Bromobenzene	12.755	156	141	1.235	ug/l #	33

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

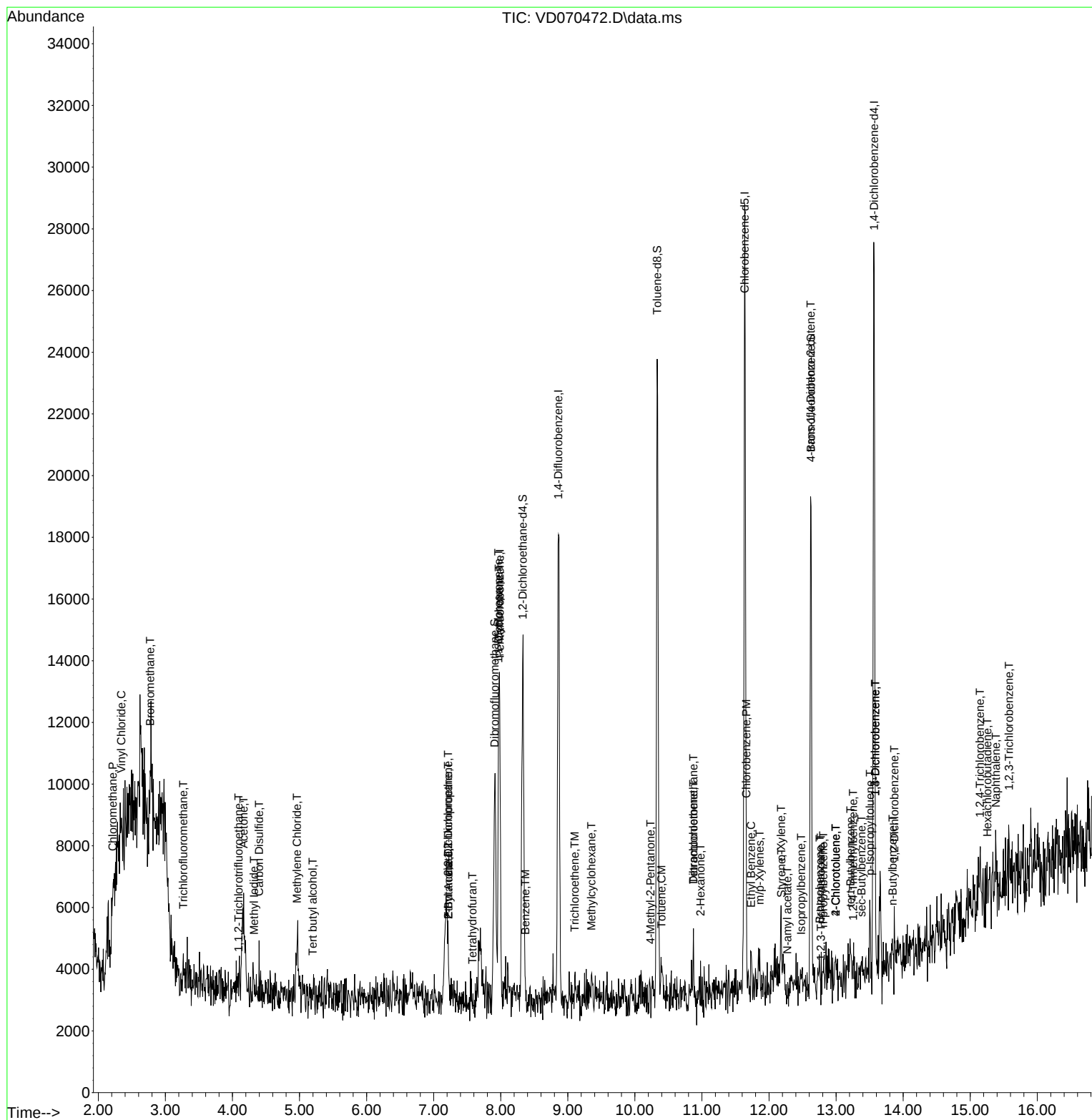
78) n-propylbenzene	12.808	91	998	1.553	ug/l #	54
79) 2-Chlorotoluene	12.996	91	745	1.990	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.620	75	2566	90.056	ug/l #	17
82) 4-Chlorotoluene	12.996	91	745	1.886	ug/l	83
83) tert-Butylbenzene	13.214	119	714	2.084	ug/l	83
84) 1,2,4-Trimethylbenzene	13.255	105	423	1.006	ug/l	90
85) sec-Butylbenzene	13.379	105	848	1.557	ug/l #	57
86) p-Isopropyltoluene	13.508	119	716	1.636	ug/l #	61
87) 1,3-Dichlorobenzene	13.585	146	591	2.486	ug/l	78
88) 1,4-Dichlorobenzene	13.585	146	591	2.477	ug/l	78
89) n-Butylbenzene	13.844	91	541	1.240	ug/l	83
91) 1,2-Dichlorobenzene	13.867	146	376	1.792	ug/l	77
93) 1,2,4-Trichlorobenzene	15.143	180	791	6.983	ug/l	88
94) Hexachlorobutadiene	15.255	225	206	2.965	ug/l #	18
95) Naphthalene	15.385	128	1673	8.126	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.579	180	473	4.733	ug/l	80

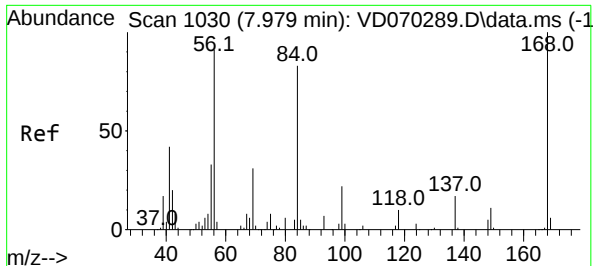
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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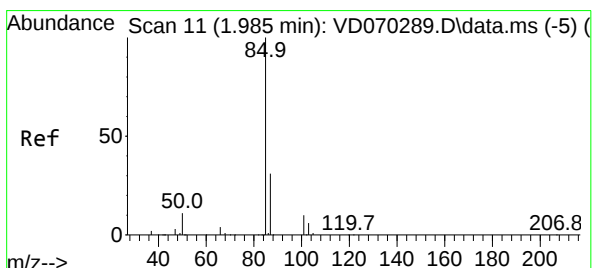
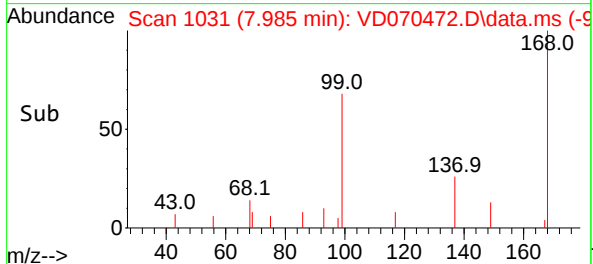
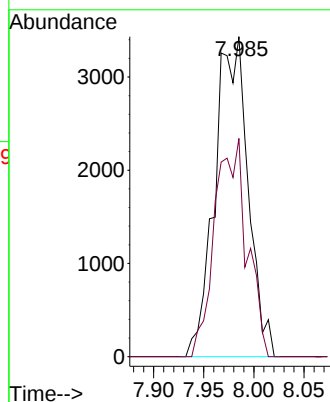
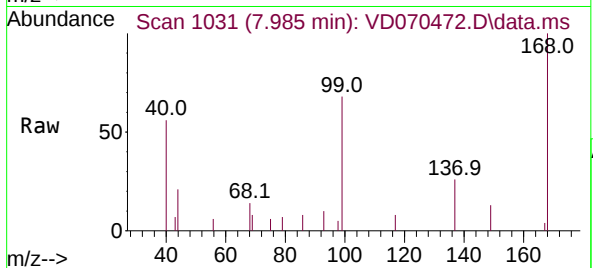




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

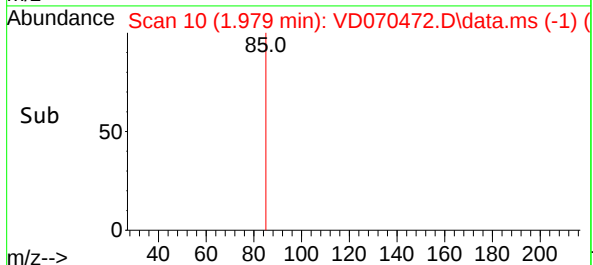
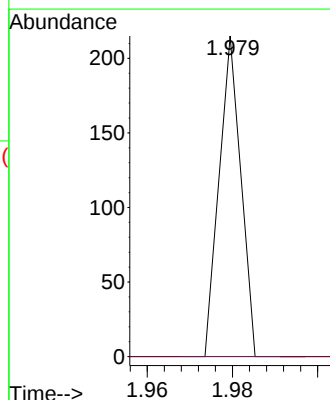
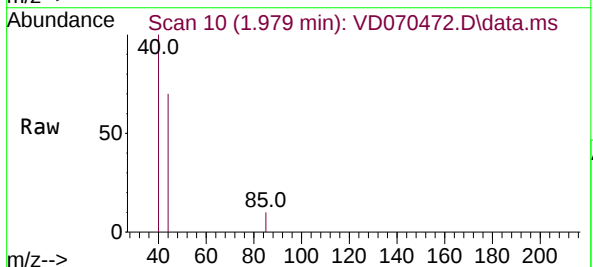
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

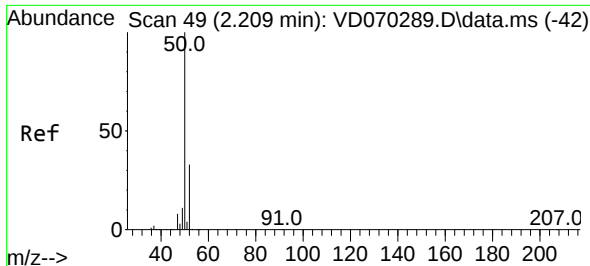
Tgt Ion:168 Resp: 7915
Ion Ratio Lower Upper
168 100
99 68.2 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 85 Resp: 76
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

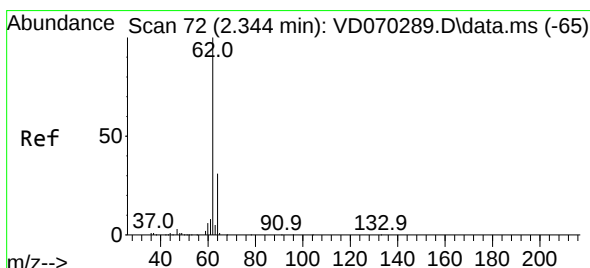
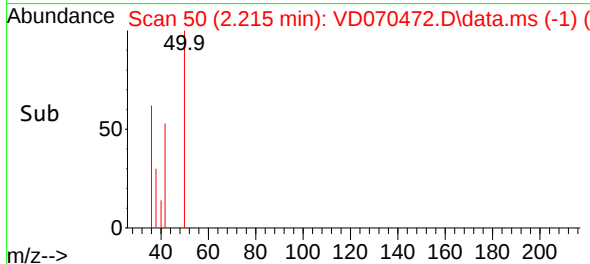
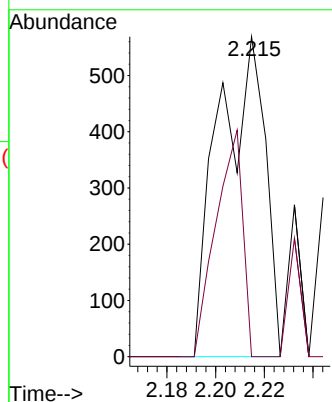
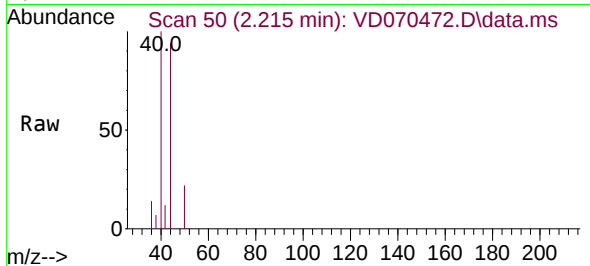




#3
Chloromethane
Concen: 3.209 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

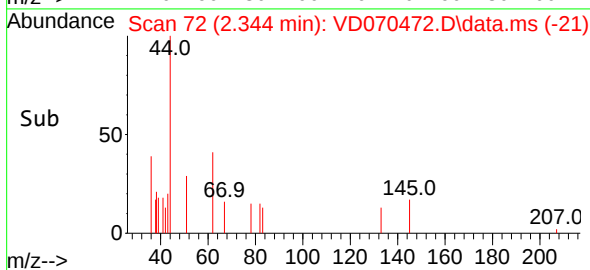
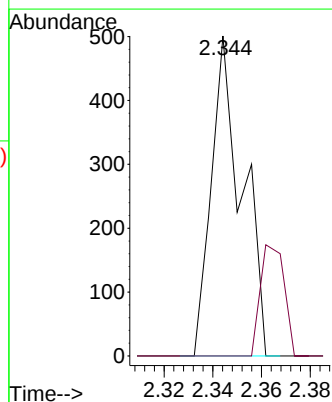
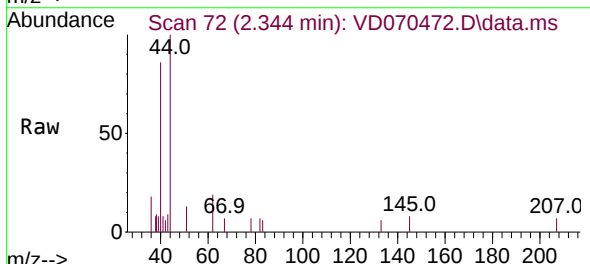
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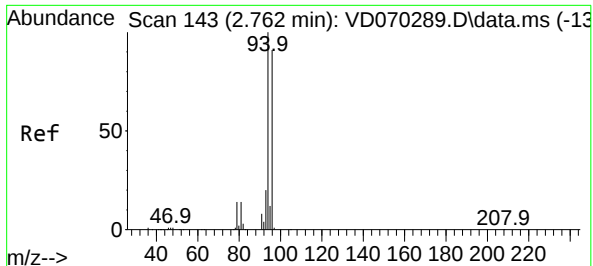
Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#4
Vinyl Chloride
Concen: 3.525 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 62 Resp: 439
Ion Ratio Lower Upper
62 100
64 0.0 24.6 36.8#

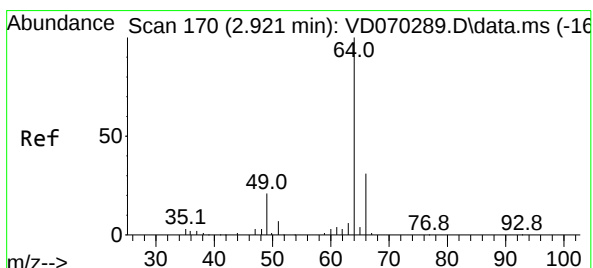
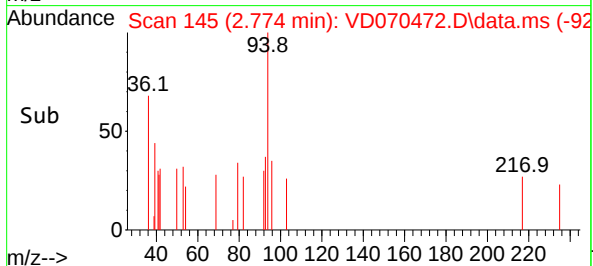
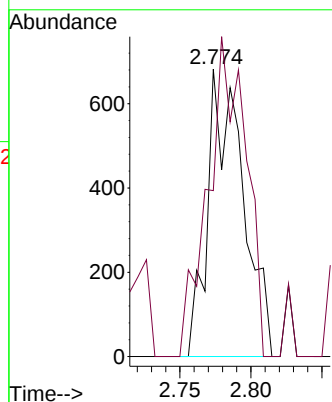
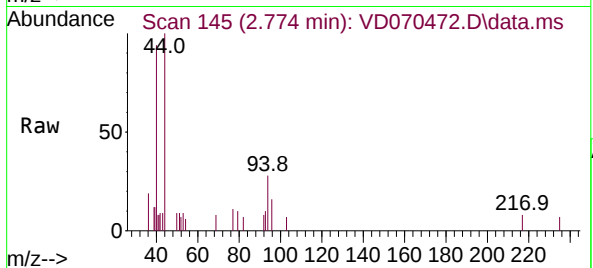




#5
Bromomethane
Concen: 11.607 ug/l
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

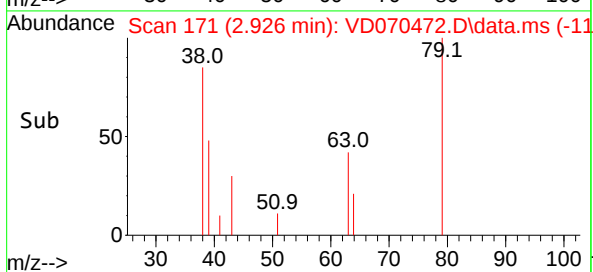
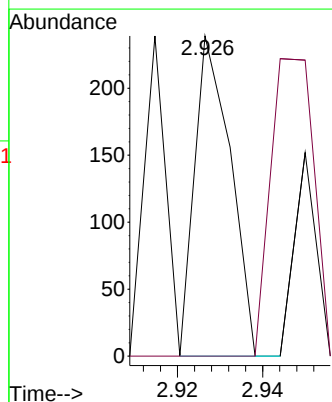
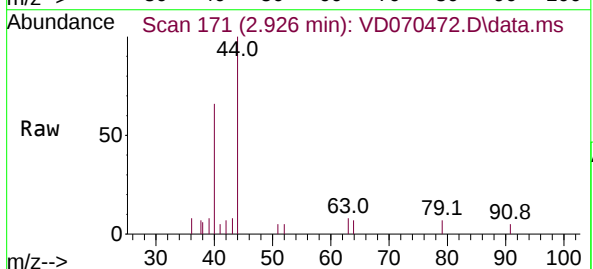
Instrument :
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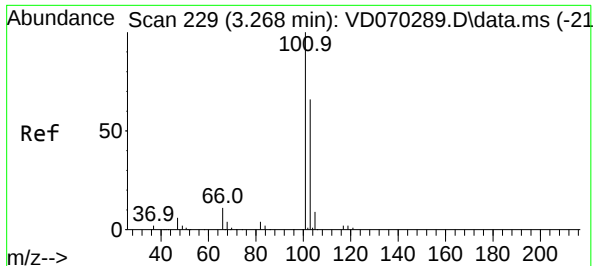
Tgt Ion: 94 Resp: 1180
Ion Ratio Lower Upper
94 100
96 57.8 73.0 109.6#



#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 64 Resp: 139
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

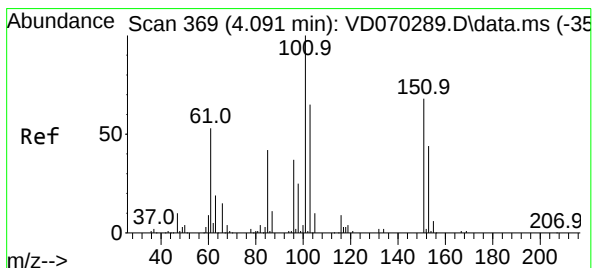
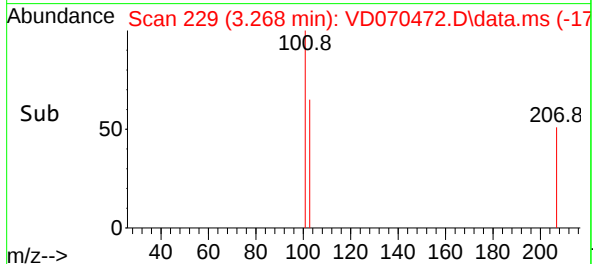
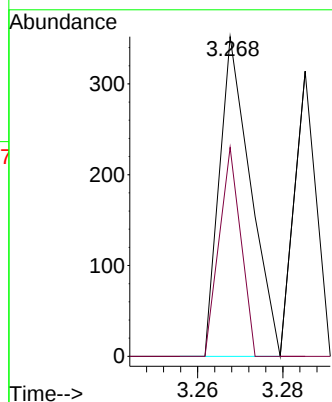
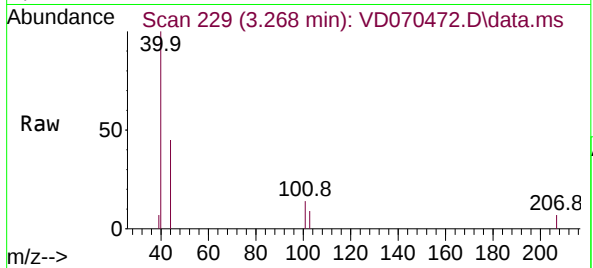




#7
Trichlorofluoromethane
Concen: 1.087 ug/l
RT: 3.268 min Scan# 229
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

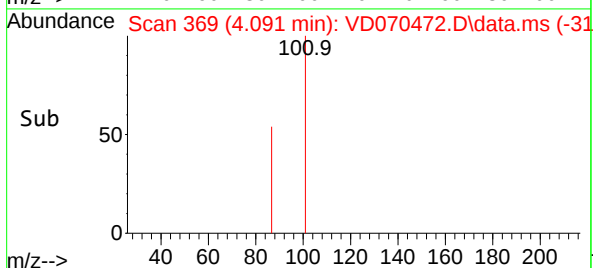
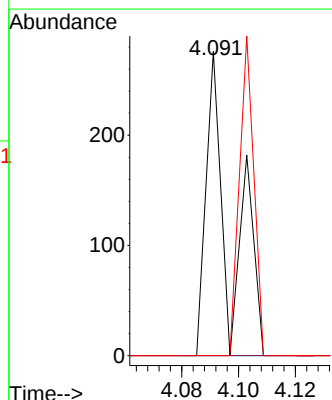
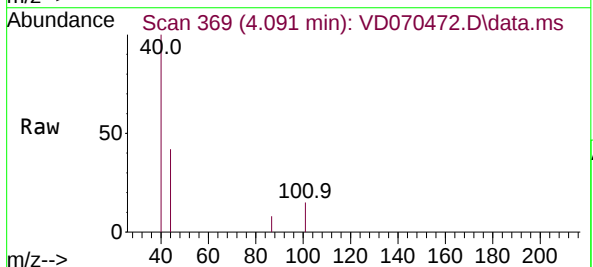
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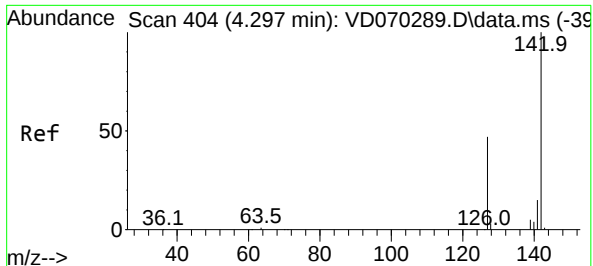
Tgt Ion:101 Resp: 179
Ion Ratio Lower Upper
101 100
103 65.3 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.583 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion:101 Resp: 162
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.8#
151 63.0 55.8 83.6

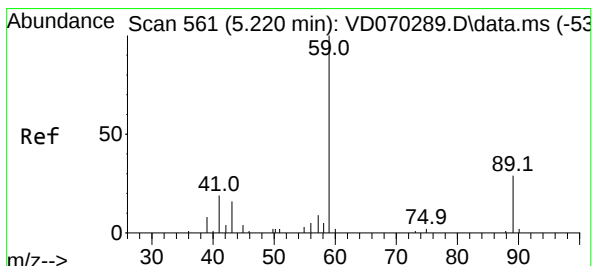
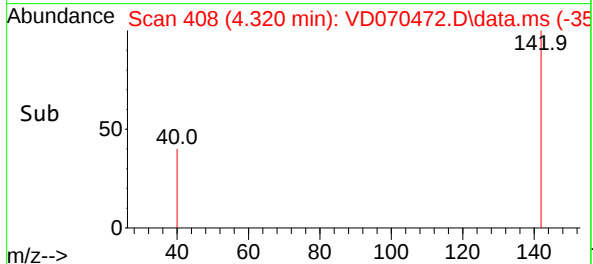
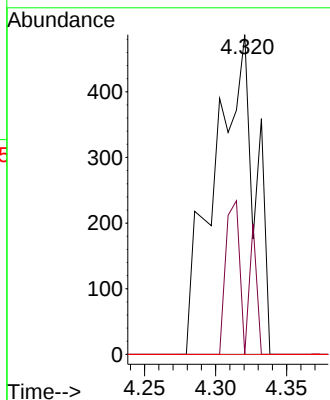
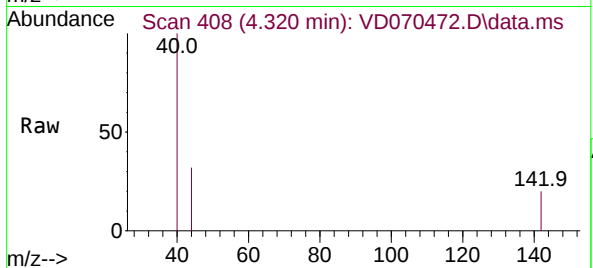




#10
Methyl Iodide
Concen: 10.708 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.023 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

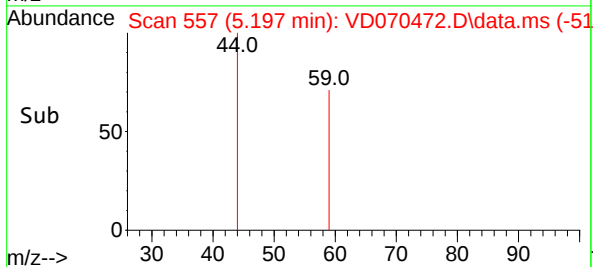
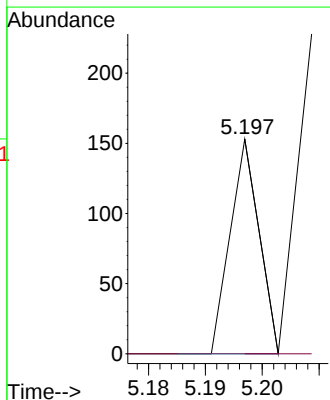
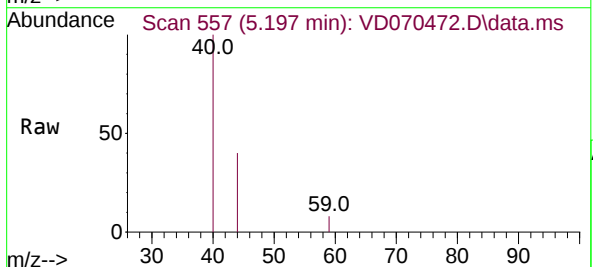
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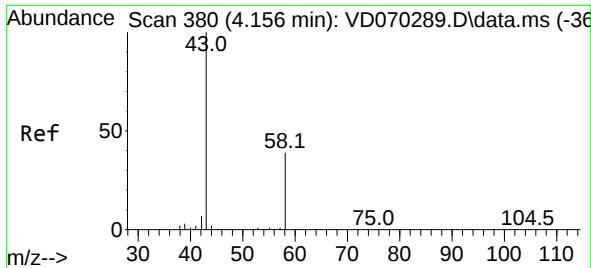
Tgt Ion:142 Resp: 968
Ion Ratio Lower Upper
142 100
127 23.6 36.9 55.3#
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: 4.699 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

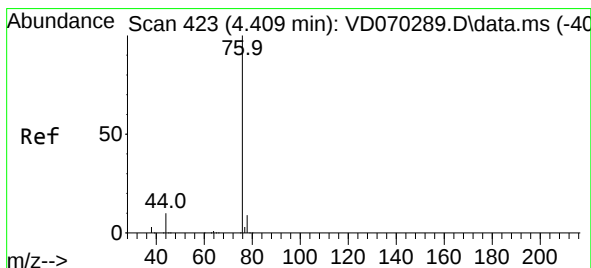
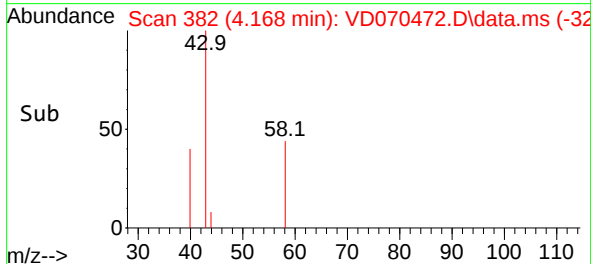
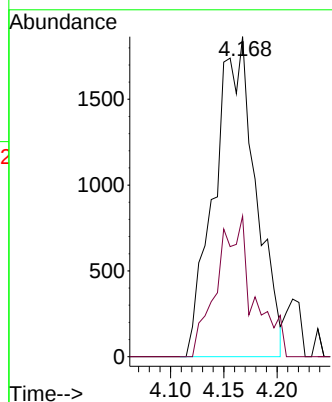
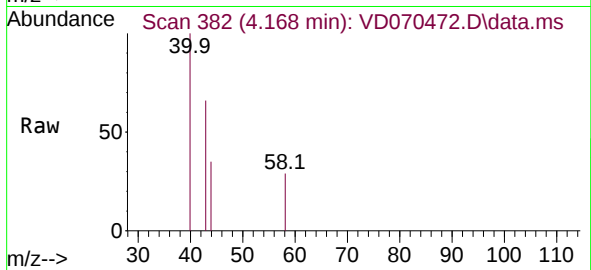




#16
Acetone
Concen: 277.217 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

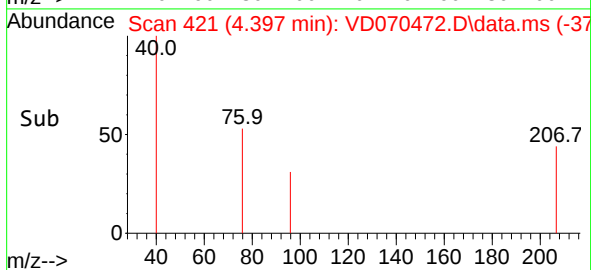
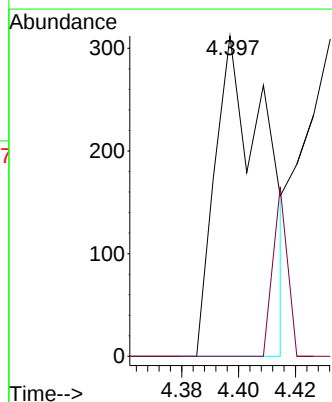
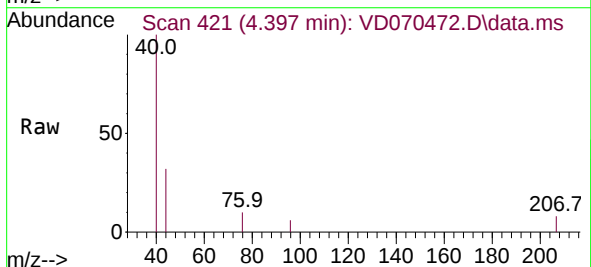
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

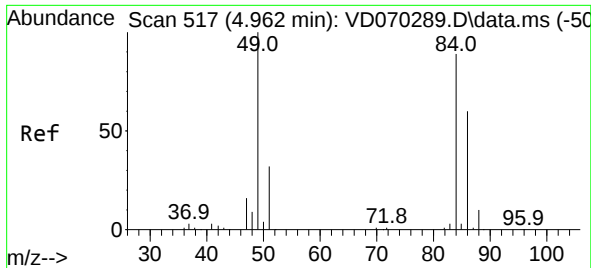
Tgt Ion: 43 Resp: 5030
Ion Ratio Lower Upper
43 100
58 44.0 30.9 46.3



#17
Carbon Disulfide
Concen: 1.127 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.012 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 76 Resp: 383
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

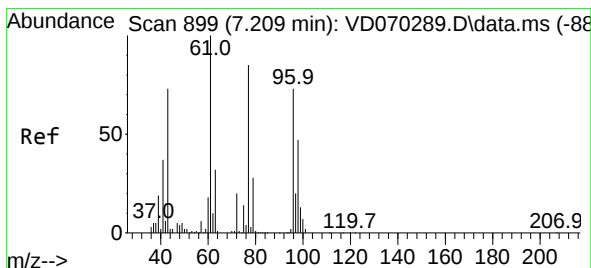
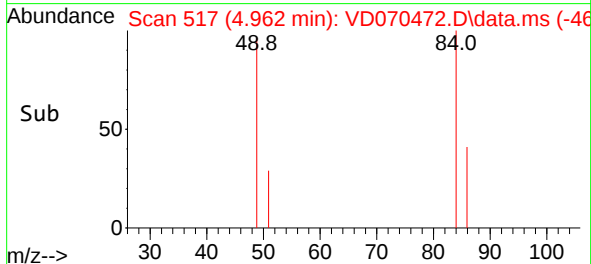
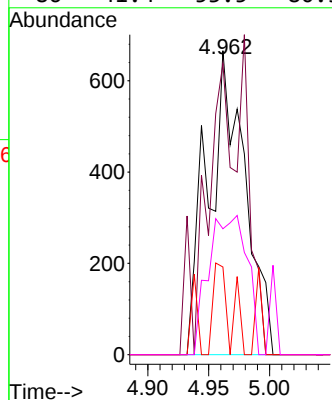
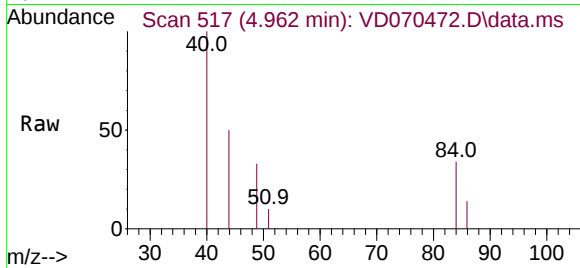




#20
Methylene Chloride
Concen: 6.174 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

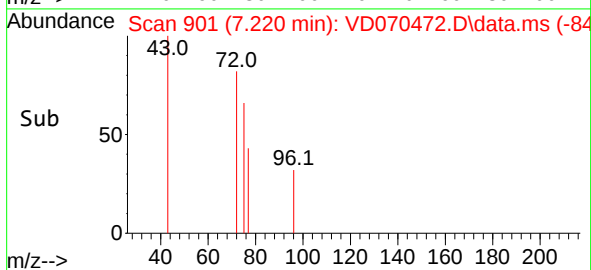
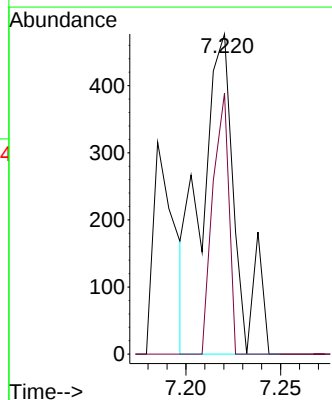
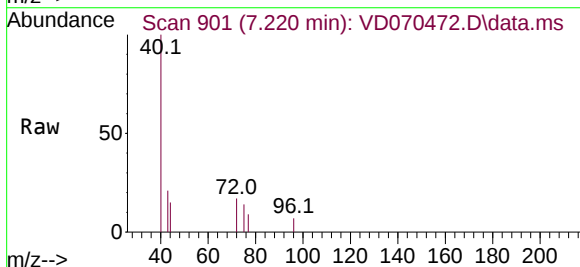
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

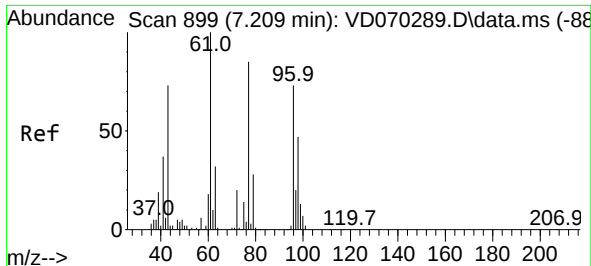
Tgt Ion:	84	Resp:	1418
Ion	Ratio	Lower	Upper
84	100		
49	95.8	89.6	134.4
51	28.8	28.6	43.0
86	41.4	53.5	80.3#



#25
2-Butanone
Concen: 24.593 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion:	43	Resp:	594
Ion	Ratio	Lower	Upper
43	100		
72	81.6	22.2	33.4#





#26

2,2-Dichloropropane

Concen: 1.345 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD070472.D

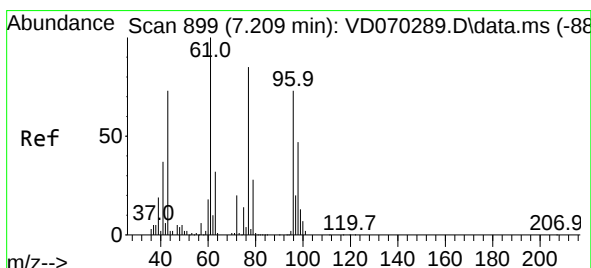
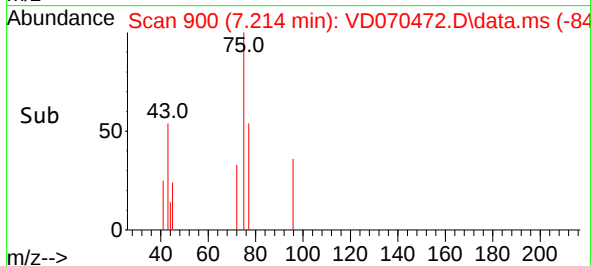
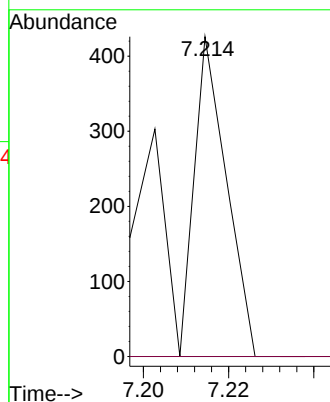
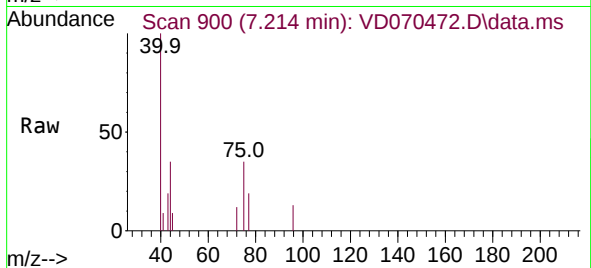
Acq: 27 Sep 2021 12:40

Tgt Ion: 77 Resp: 223

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.9#



#27

cis-1,2-Dichloroethene

Concen: 1.986 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD070472.D

Acq: 27 Sep 2021 12:40

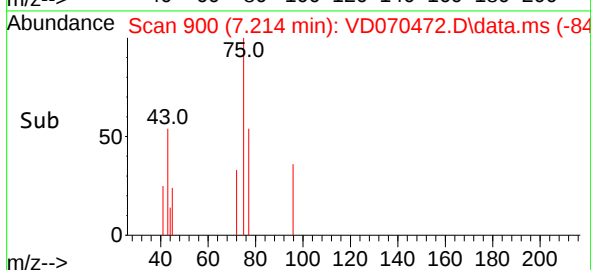
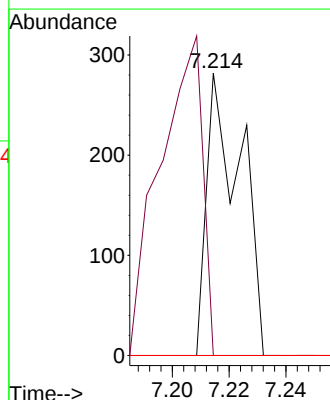
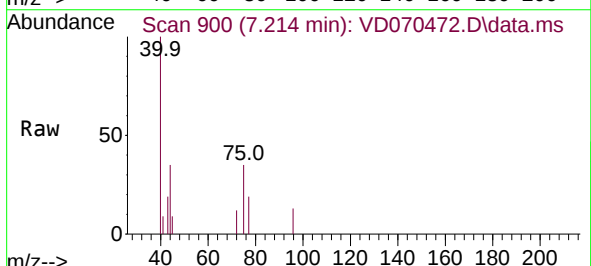
Tgt Ion: 96 Resp: 234

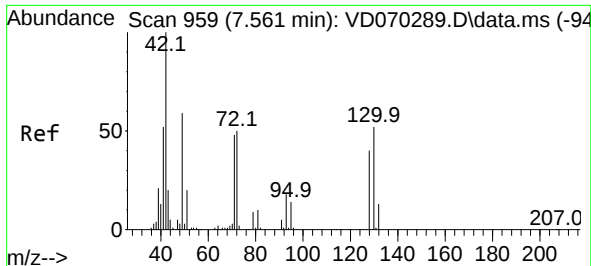
Ion Ratio Lower Upper

96 100

61 141.9 0.0 277.4

98 0.0 0.0 130.0





#29

Tetrahydrofuran

Concen: 3.870 ug/l

RT: 7.579 min Scan# 962

Delta R.T. 0.018 min

Lab File: VD070472.D

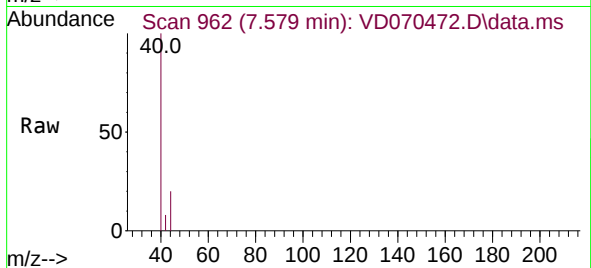
Acq: 27 Sep 2021 12:40

Instrument :

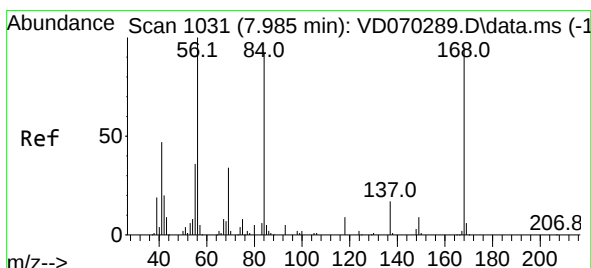
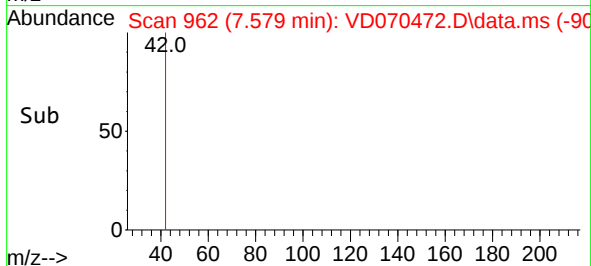
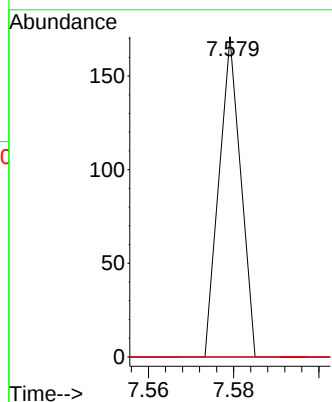
MSVOA_D

ClientSampleId :

S-839-R-SO-2-2.5-092321RE



Tgt Ion:	42	Resp:	60
Ion Ratio	Lower	Upper	
42	100		
72	0.0	38.8	58.2#
71	0.0	37.8	56.6#



#31

Cyclohexane

Concen: 2.022 ug/l

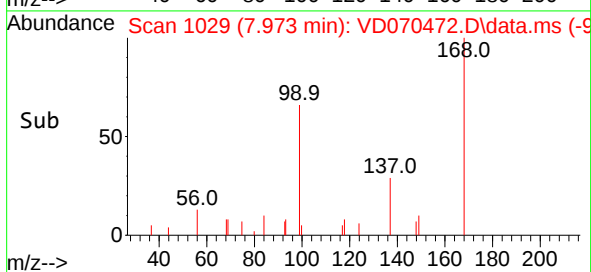
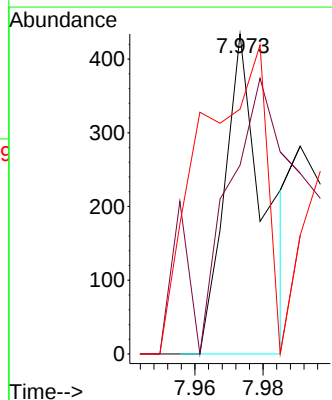
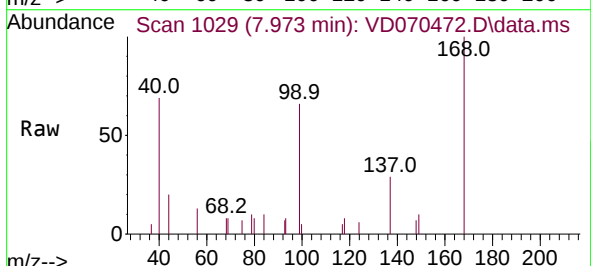
RT: 7.973 min Scan# 1029

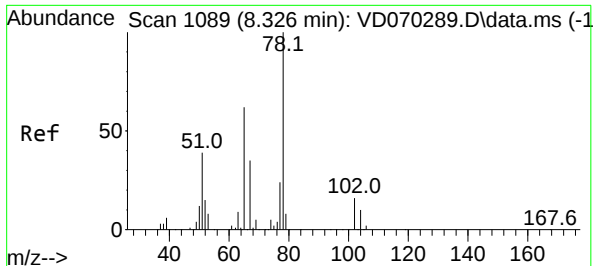
Delta R.T. -0.012 min

Lab File: VD070472.D

Acq: 27 Sep 2021 12:40

Tgt Ion:	56	Resp:	354
Ion Ratio	Lower	Upper	
56	100		
69	11.3	26.9	40.3#
84	76.5	73.6	110.4

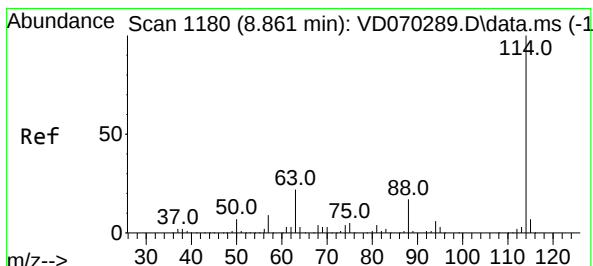
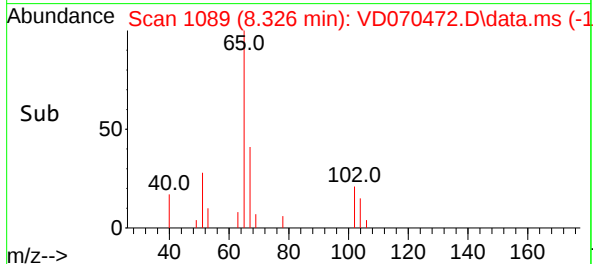
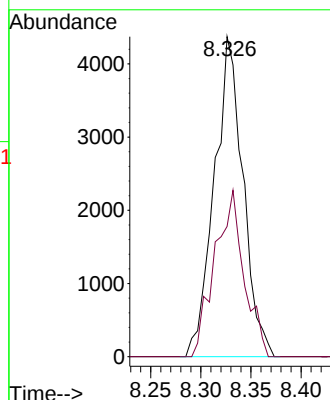
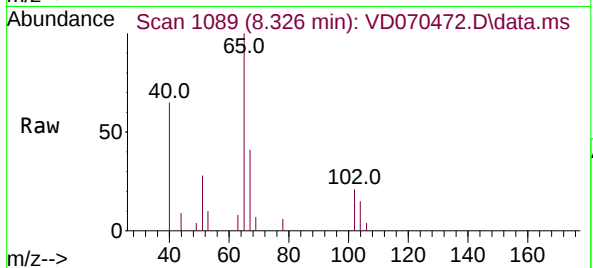




#33
1,2-Dichloroethane-d4
Concen: 85.732 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

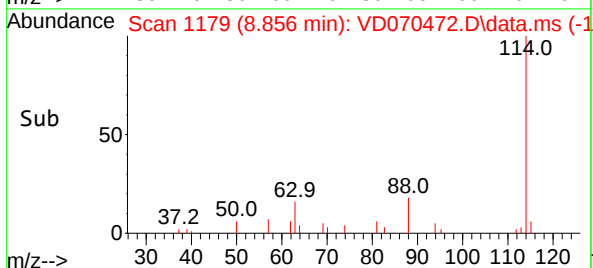
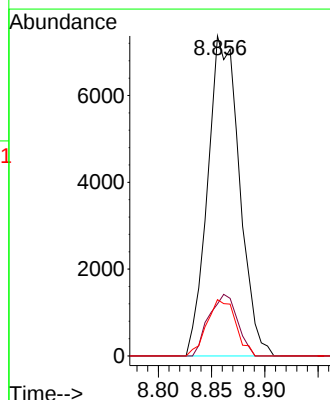
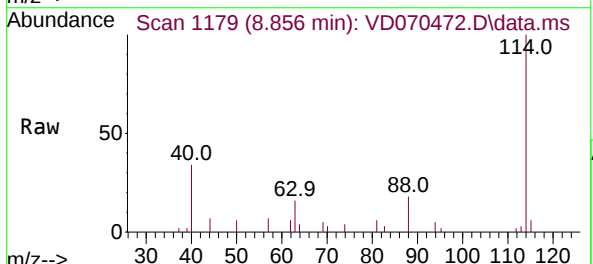
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

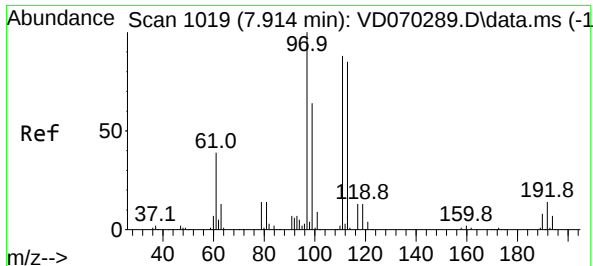
Tgt Ion: 65 Resp: 8713
Ion Ratio Lower Upper
65 100
67 53.0 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 114 Resp: 15214
Ion Ratio Lower Upper
114 100
63 16.3 0.0 43.4
88 17.6 0.0 33.4



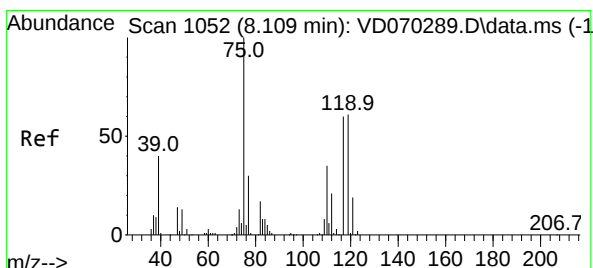
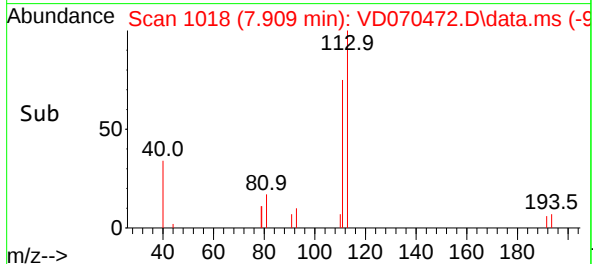
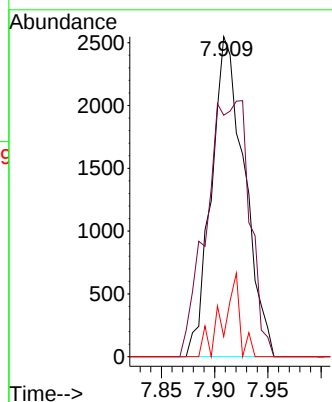
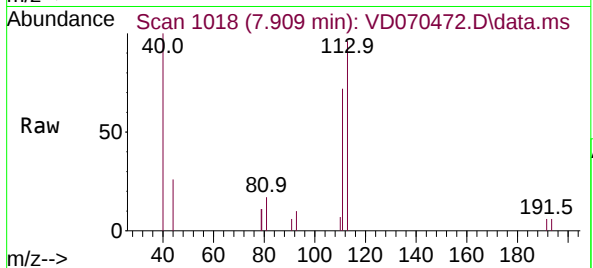


#35

Dibromofluoromethane
Concen: 50.658 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

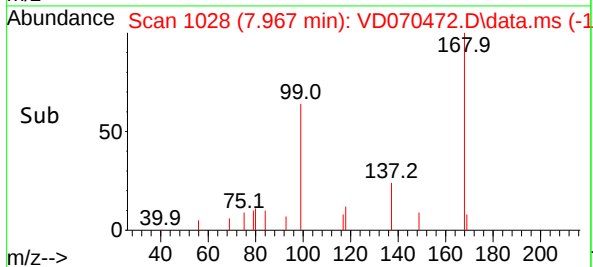
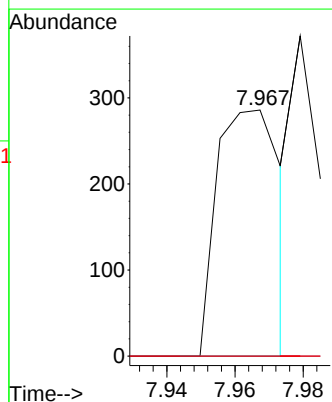
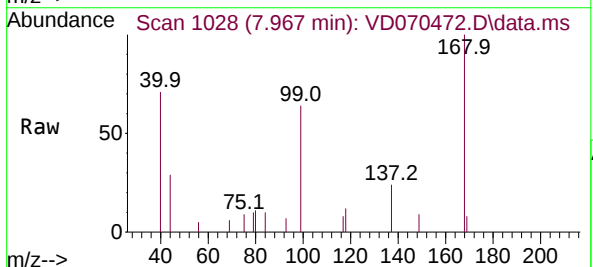
Tgt Ion:	113	Resp:	5486
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.2
192	13.6	13.0	19.6

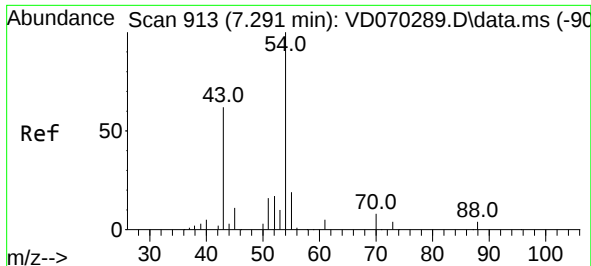


#36

1,1-Dichloropropene
Concen: 2.263 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion:	75	Resp:	368
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.7#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 9.768 ug/l

RT: 7.220 min Scan# 901

Delta R.T. -0.071 min

Lab File: VD070472.D

Acq: 27 Sep 2021 12:40

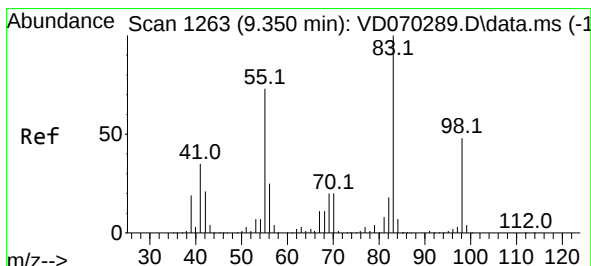
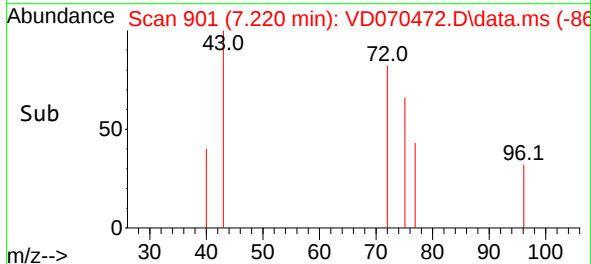
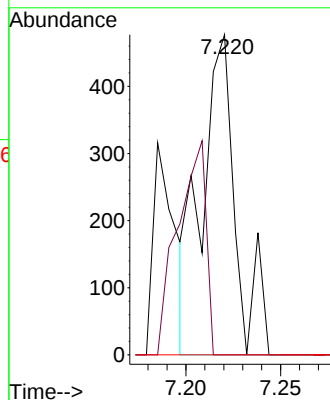
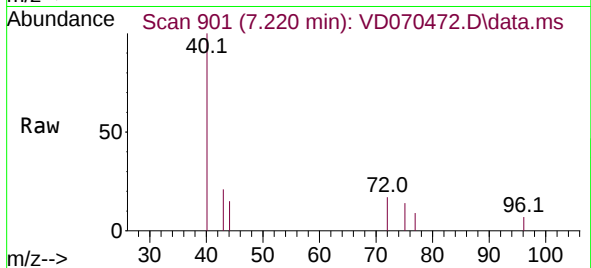
Instrument :

MSVOA_D

ClientSampleId :

S-839-R-SO-2-2.5-092321RE

Tgt Ion:	43	Resp:	594
Ion	Ratio	Lower	Upper
43	100		
61	55.9	13.0	19.6#
70	0.0	9.8	14.6#



#39

Methylcyclohexane

Concen: 2.549 ug/l

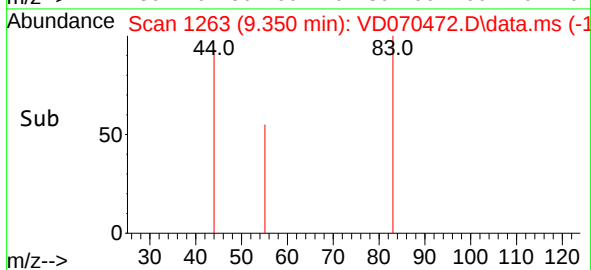
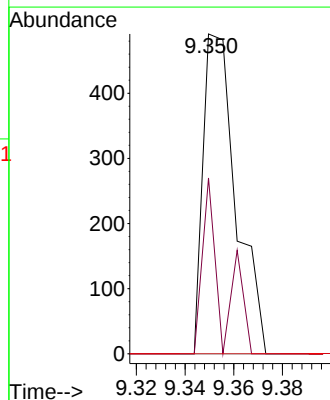
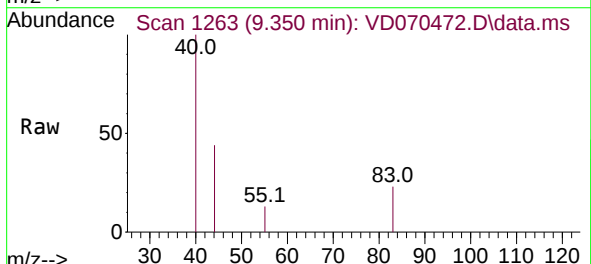
RT: 9.350 min Scan# 1263

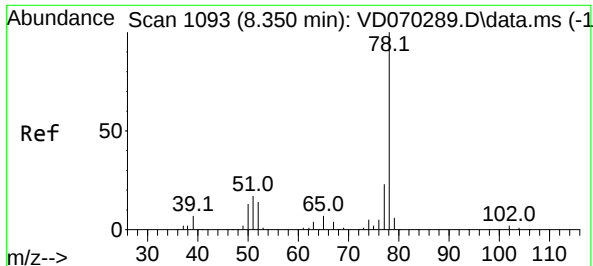
Delta R.T. 0.000 min

Lab File: VD070472.D

Acq: 27 Sep 2021 12:40

Tgt Ion:	83	Resp:	463
Ion	Ratio	Lower	Upper
83	100		
55	55.0	58.5	87.7#
98	0.0	38.4	57.6#

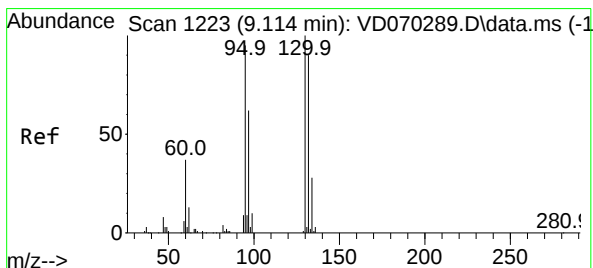
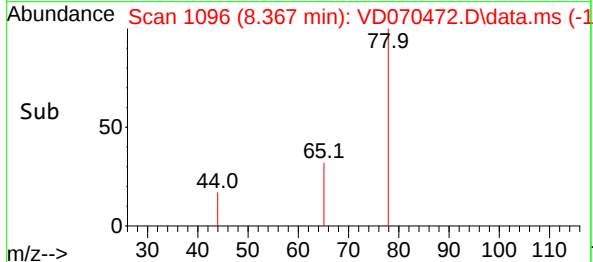
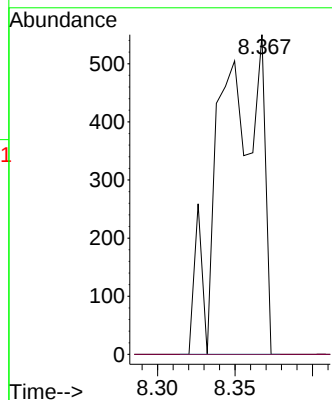
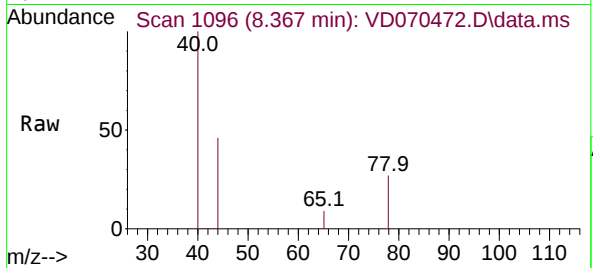




#40
Benzene
Concen: 2.145 ug/l
RT: 8.367 min Scan# 1096
Delta R.T. 0.018 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

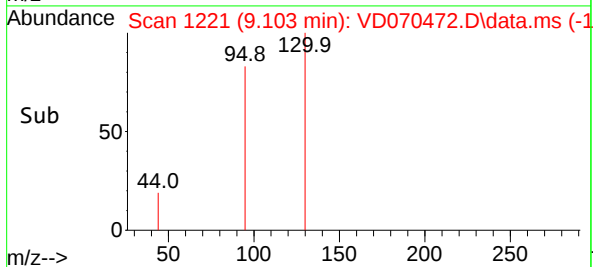
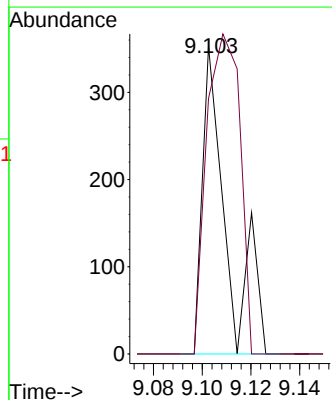
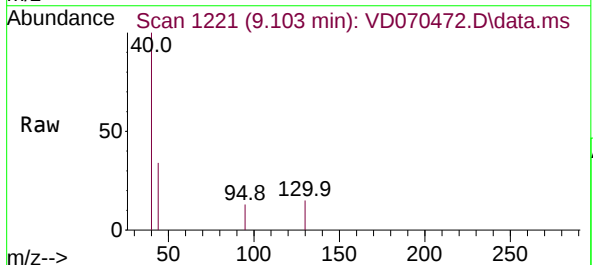
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

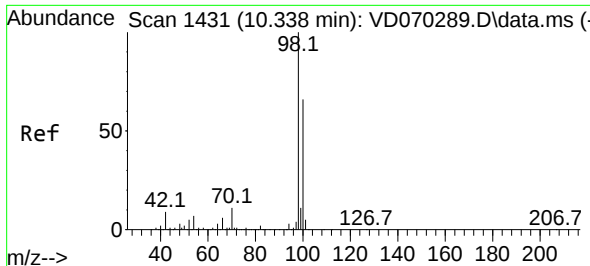
Tgt Ion: 78 Resp: 1022
Ion Ratio Lower Upper
78 100
77 0.0 18.4 27.6#



#44
Trichloroethene
Concen: 2.134 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.012 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 130 Resp: 243
Ion Ratio Lower Upper
130 100
95 83.0 0.0 190.0

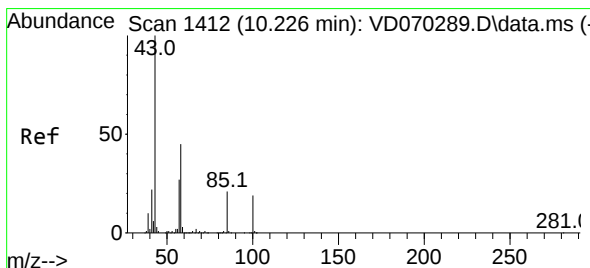
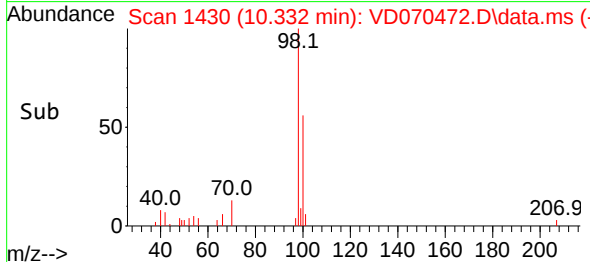
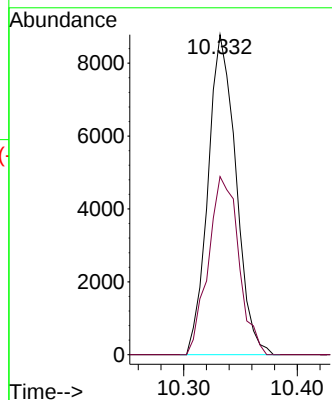
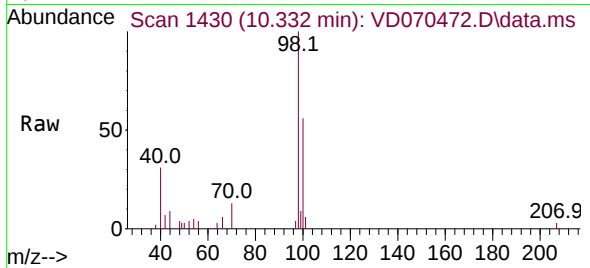




#50
Toluene-d8
Concen: 38.103 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

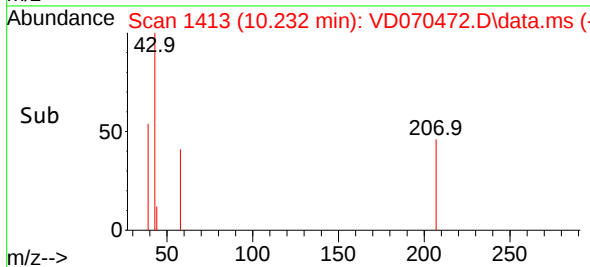
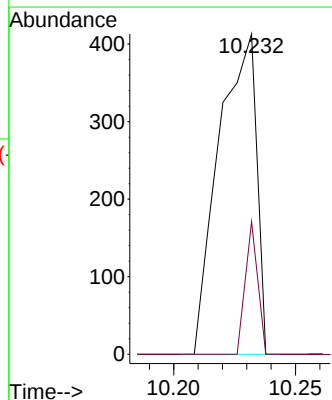
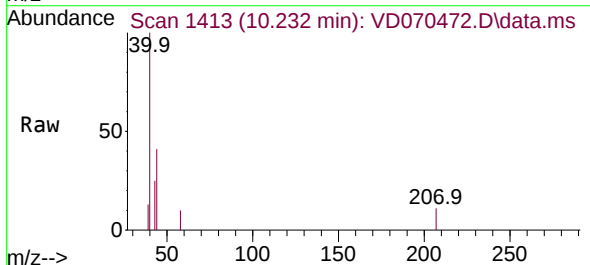
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

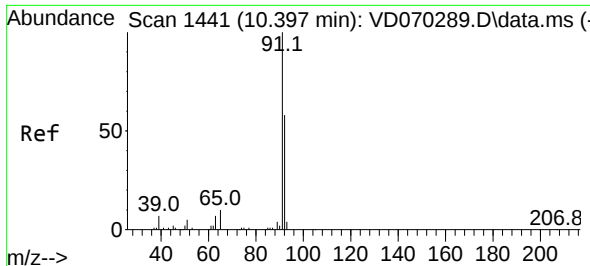
Tgt Ion: 98 Resp: 14982
Ion Ratio Lower Upper
98 100
100 60.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 7.614 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
58 13.5 35.4 53.2#

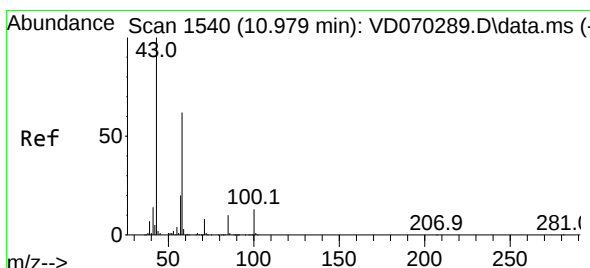
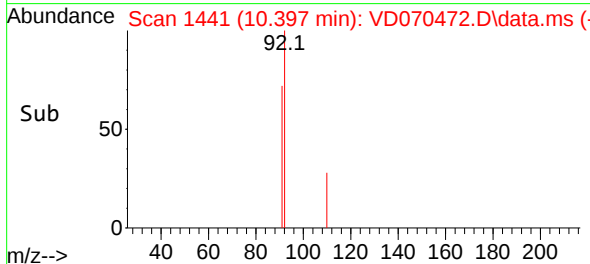
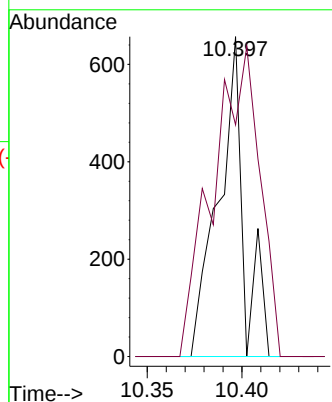
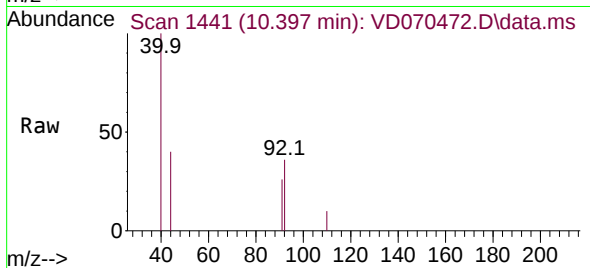




#52
Toluene
Concen: 2.122 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

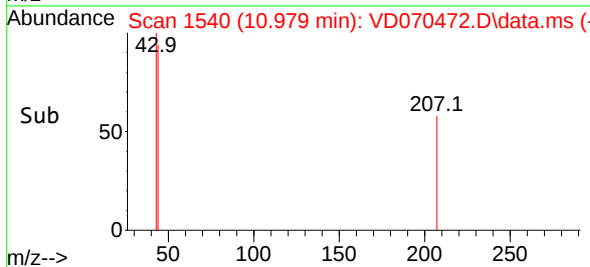
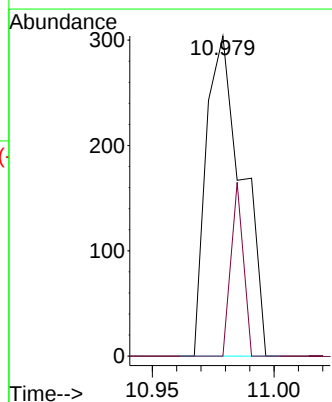
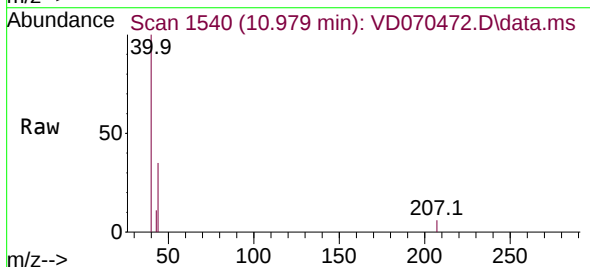
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

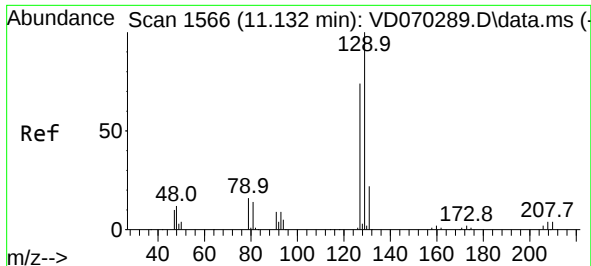
Tgt Ion: 92 Resp: 611
Ion Ratio Lower Upper
92 100
91 179.4 136.2 204.2



#59
2-Hexanone
Concen: 8.038 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 18.6 30.6 91.6#

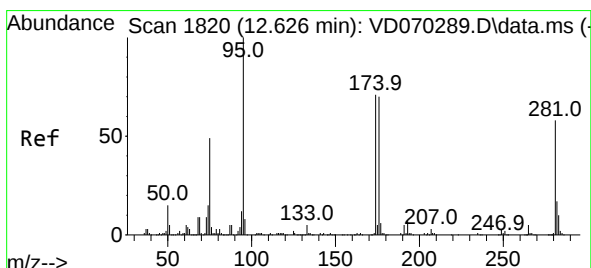
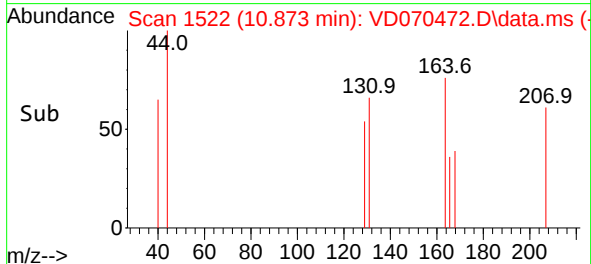
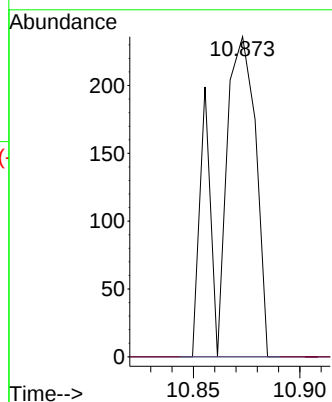
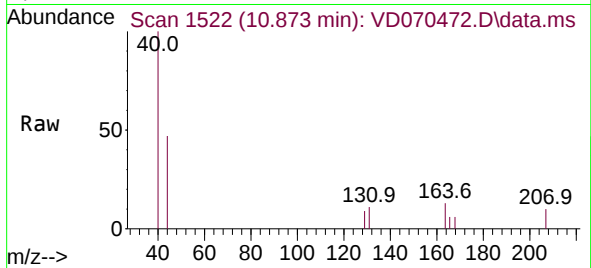




#60
Dibromochloromethane
Concen: 2.784 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.259 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

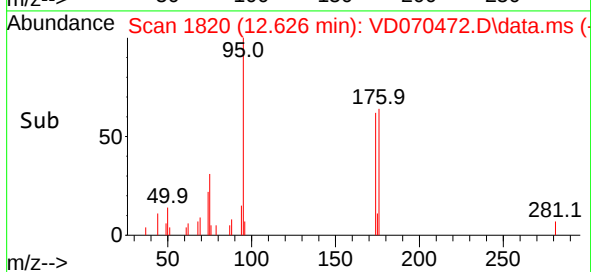
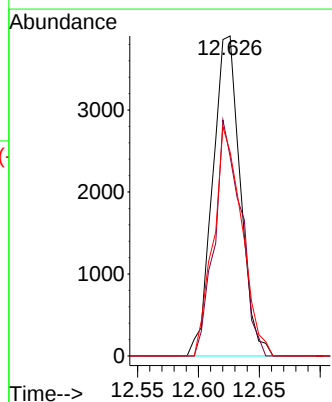
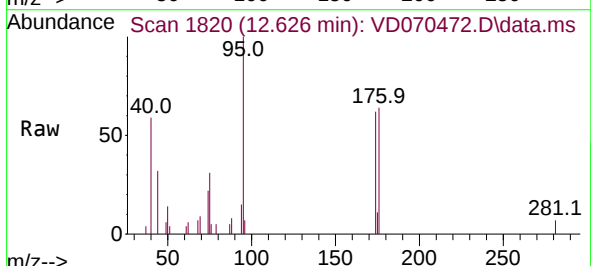
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

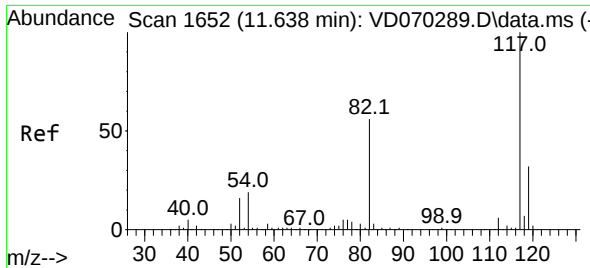
Tgt Ion:129 Resp: 287
Ion Ratio Lower Upper
129 100
127 0.0 38.0 114.0#



#62
4-Bromofluorobenzene
Concen: 44.747 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 95 Resp: 6149
Ion Ratio Lower Upper
95 100
174 70.5 0.0 140.6
176 73.8 0.0 137.4

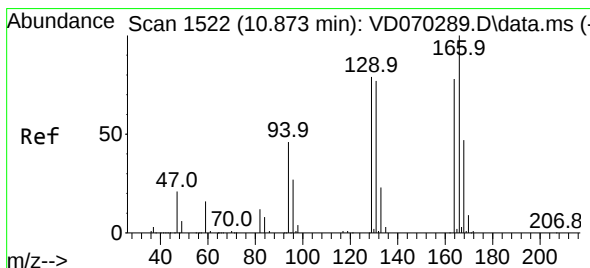
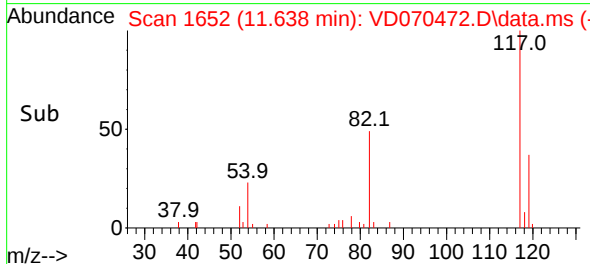
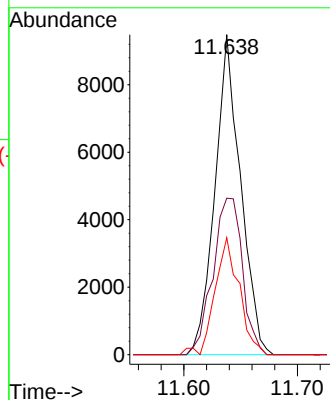
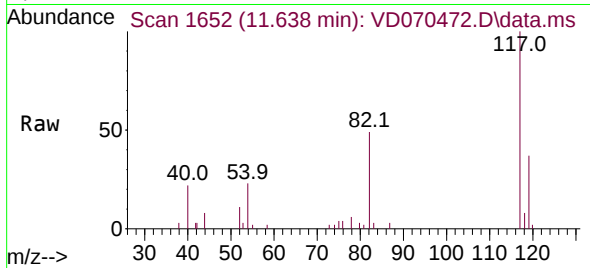




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

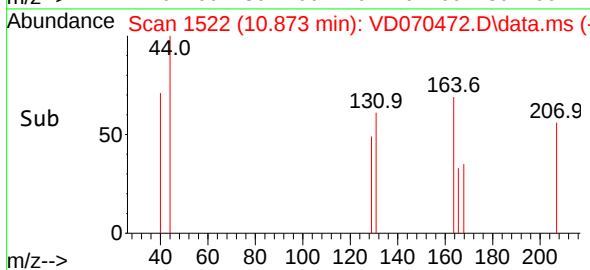
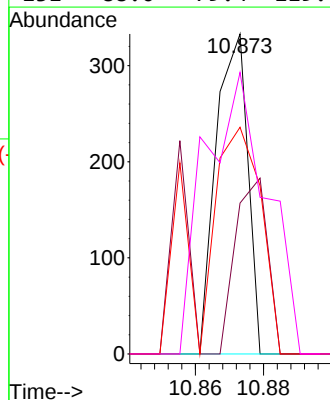
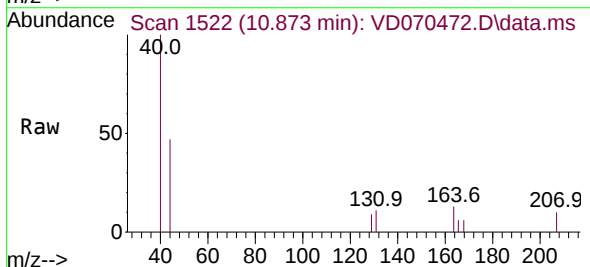
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

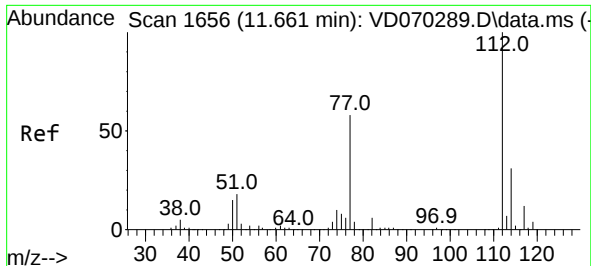
Tgt Ion:	117	Resp:	14867
Ion	Ratio	Lower	Upper
117	100		
82	48.9	45.0	67.4
119	36.6	25.2	37.8



#64
Tetrachloroethene
Concen: 2.364 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion:	164	Resp:	214
Ion	Ratio	Lower	Upper
164	100		
166	47.1	102.4	153.6#
129	70.9	80.9	121.3#
131	88.0	79.4	119.0

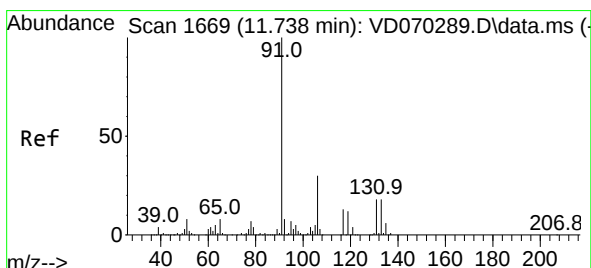
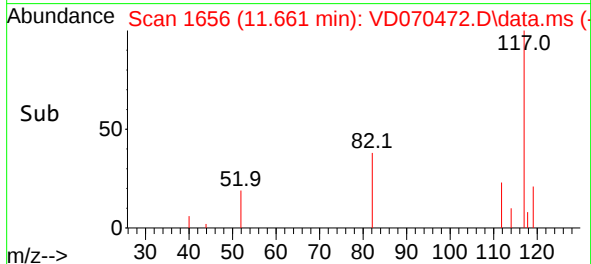
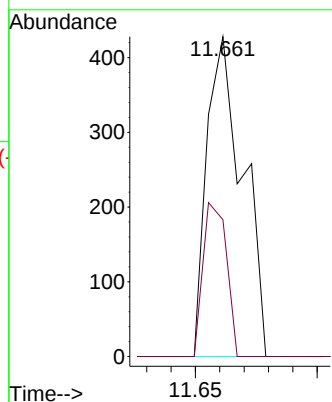
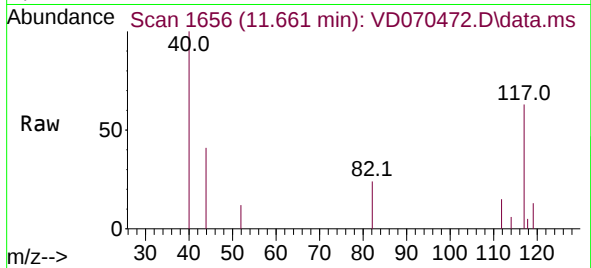




#65
Chlorobenzene
Concen: 1.422 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

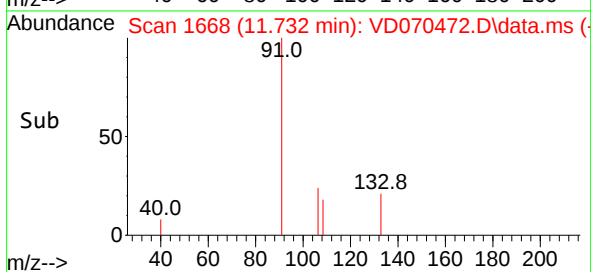
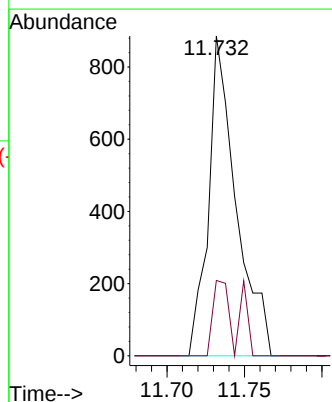
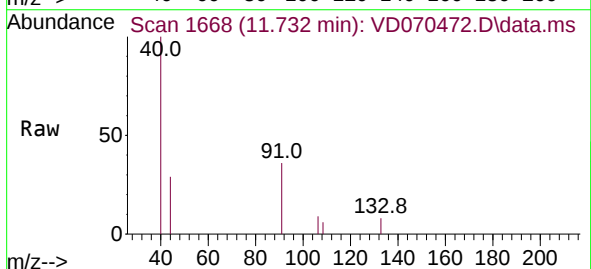
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

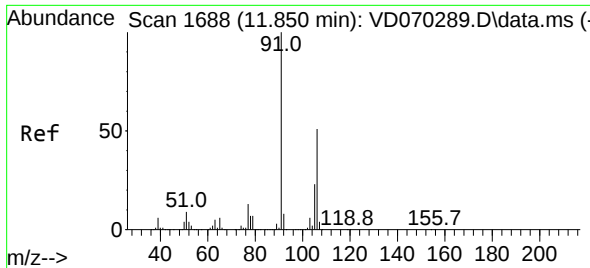
Tgt Ion:112 Resp: 438
Ion Ratio Lower Upper
112 100
114 42.8 24.7 37.1#



#67
Ethyl Benzene
Concen: 2.071 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 91 Resp: 1100
Ion Ratio Lower Upper
91 100
106 23.6 24.2 36.2#

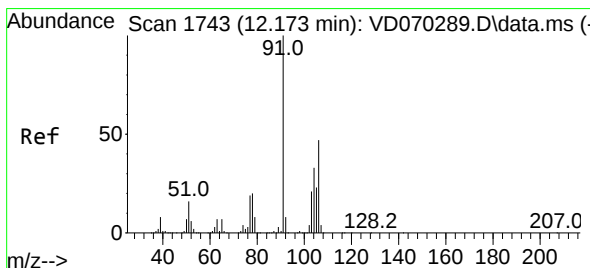
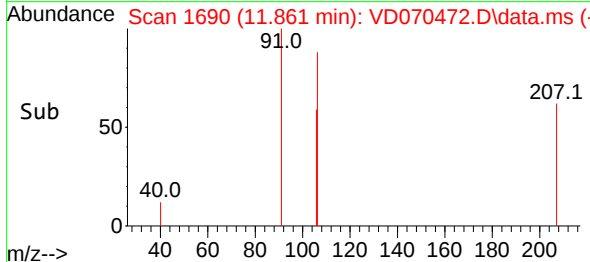
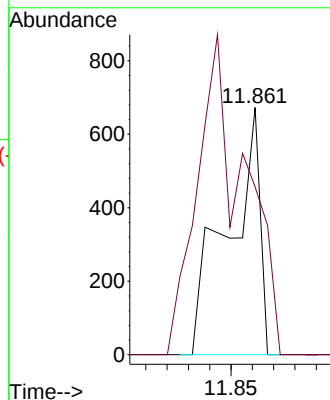
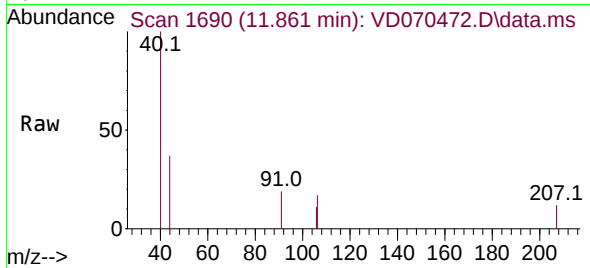




#68
m/p-Xylenes
Concen: 3.417 ug/l
RT: 11.861 min Scan# 1690
Delta R.T. 0.012 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

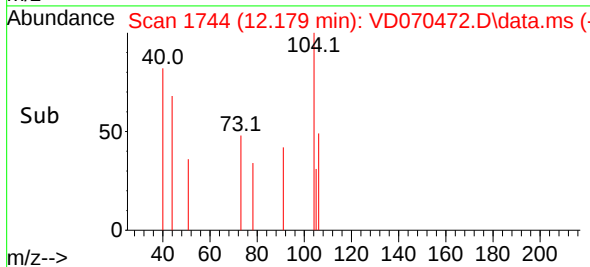
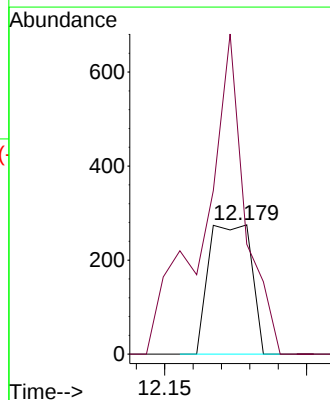
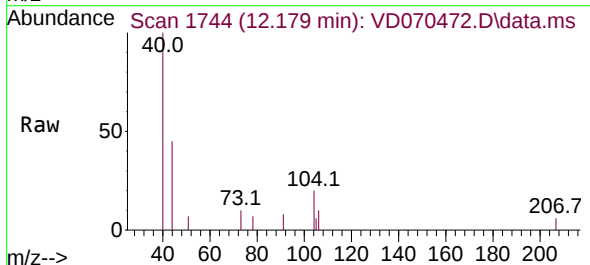
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

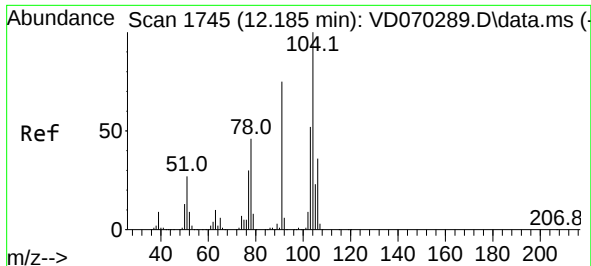
Tgt Ion:106 Resp: 701
Ion Ratio Lower Upper
106 100
91 189.4 161.2 241.8



#69
o-Xylene
Concen: 1.562 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion:106 Resp: 287
Ion Ratio Lower Upper
106 100
91 242.2 106.3 318.9

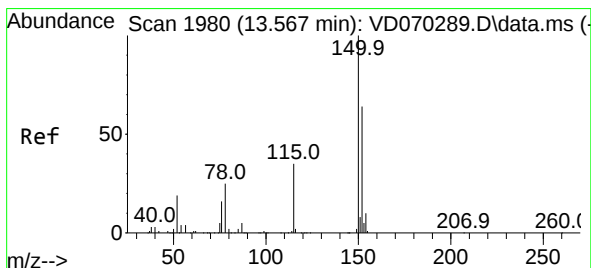
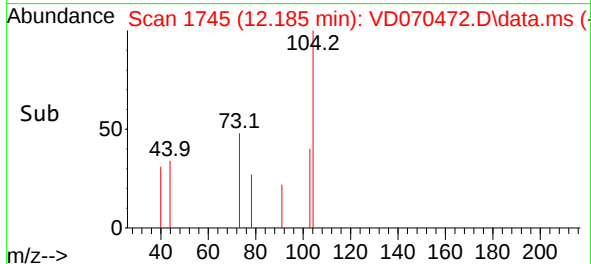
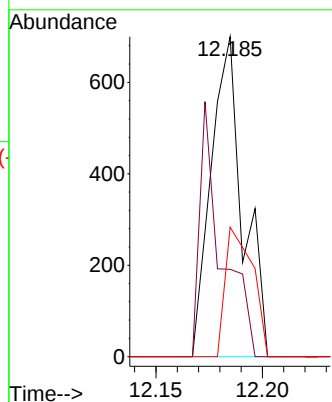
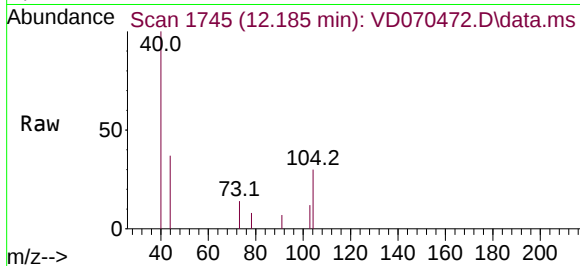




#70
Styrene
Concen: 2.268 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

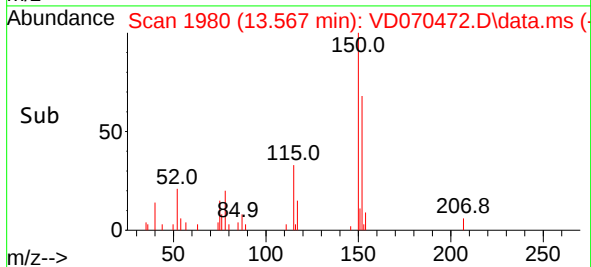
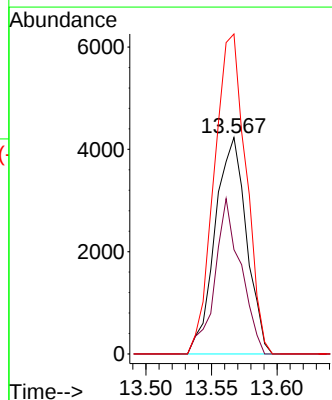
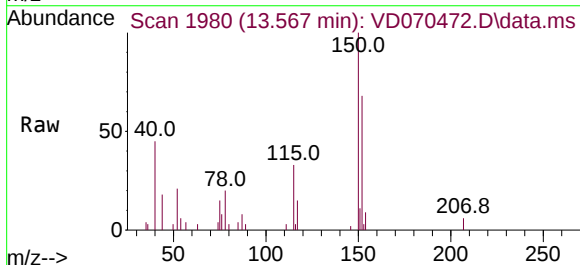
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

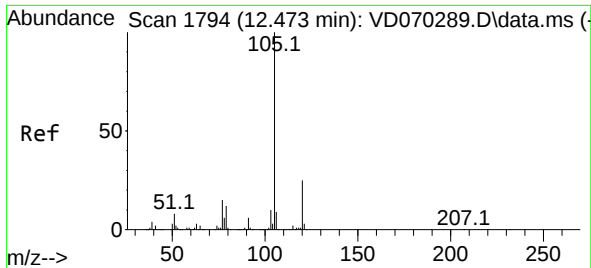
Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.4	38.6	57.8
103	34.6	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	32.1	96.3
150	149.4	0.0	350.6

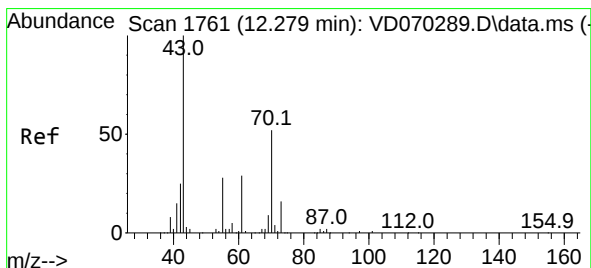
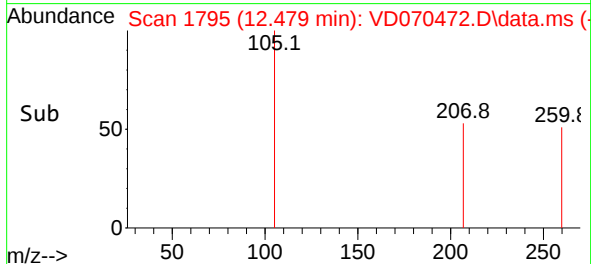
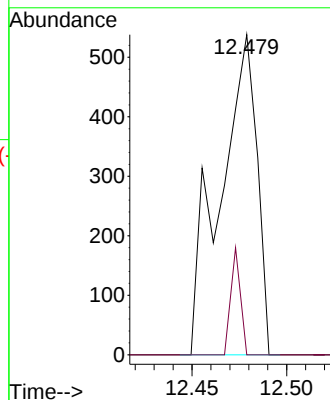
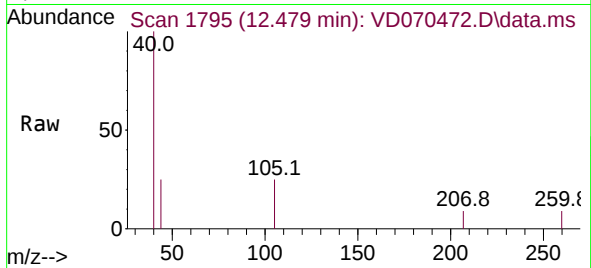




#73
Isopropylbenzene
Concen: 1.475 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

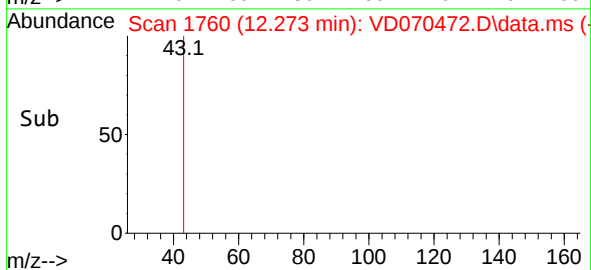
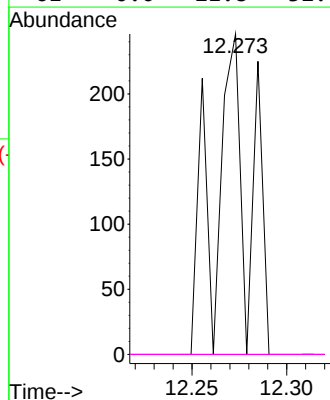
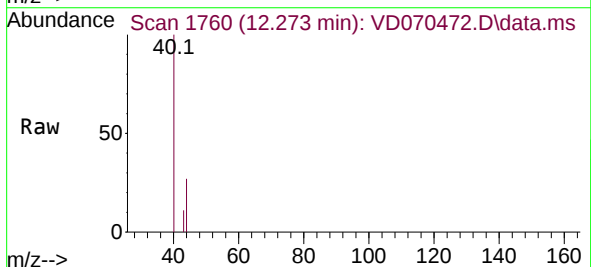
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

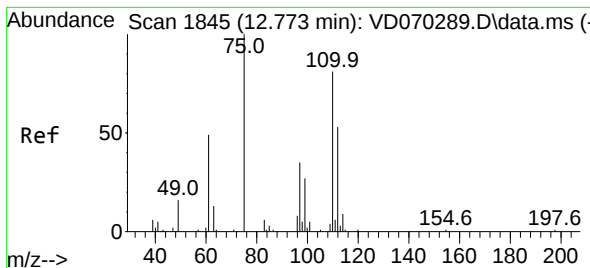
Tgt Ion:105 Resp: 730
Ion Ratio Lower Upper
105 100
120 8.8 13.0 38.9#



#74
N-ethyl acetate
Concen: 2.884 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.0#
55 0.0 22.8 34.2#
61 0.0 21.8 32.6#

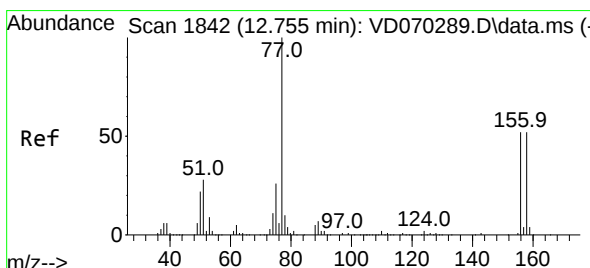
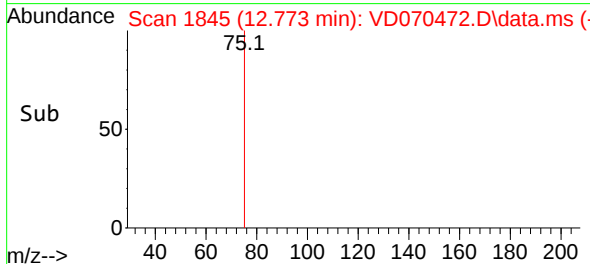
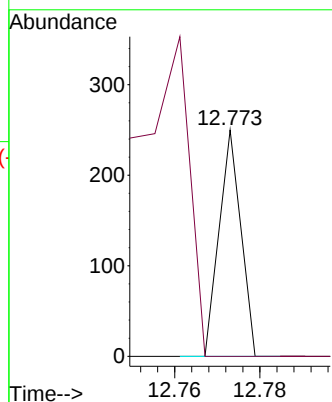
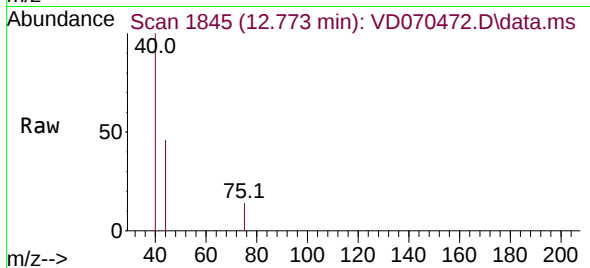




#76
1,2,3-Trichloropropane
Concen: 1.233 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

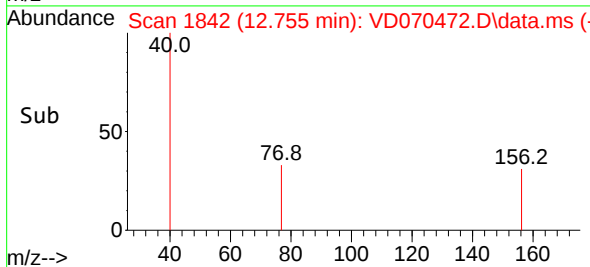
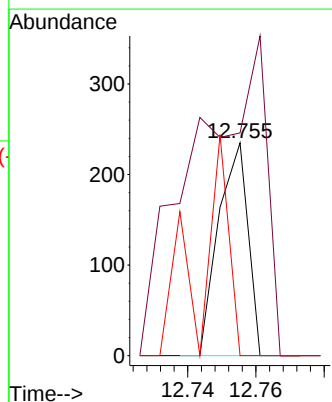
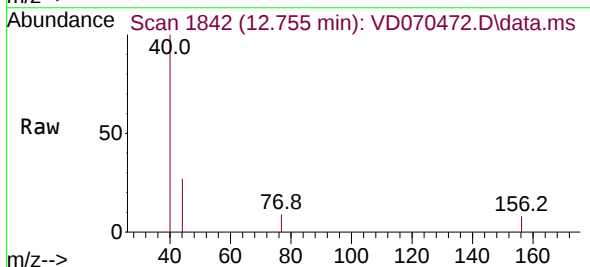
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

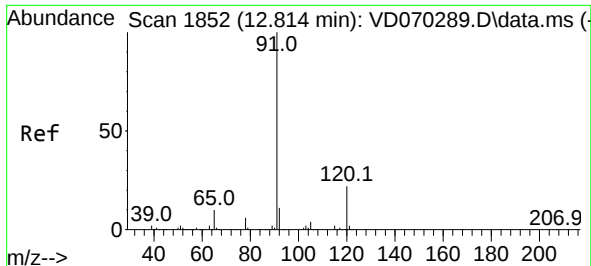
Tgt Ion: 75 Resp: 88
Ion Ratio Lower Upper
75 100
77 576.1 174.9 524.7#



#77
Bromobenzene
Concen: 1.235 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 156 Resp: 141
Ion Ratio Lower Upper
156 100
77 359.6 104.3 312.8#
158 100.7 49.4 148.0

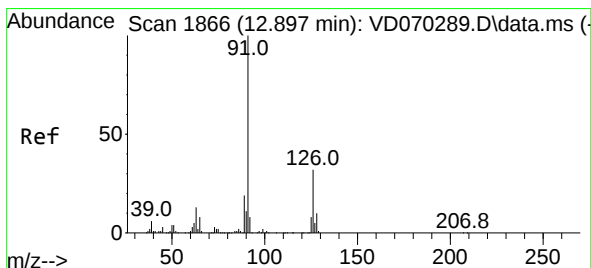
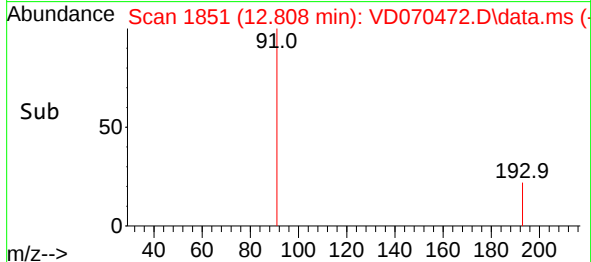
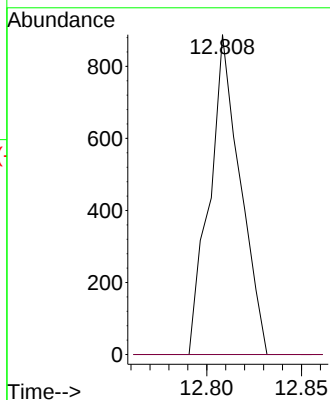
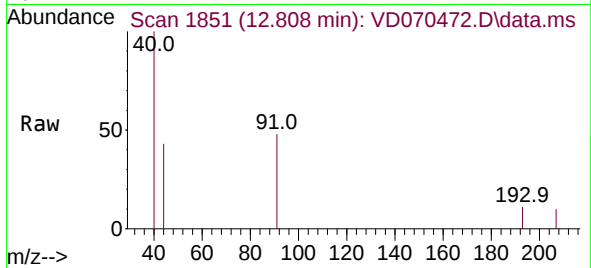




#78
n-propylbenzene
Concen: 1.553 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

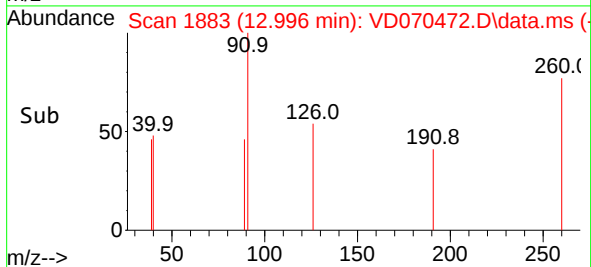
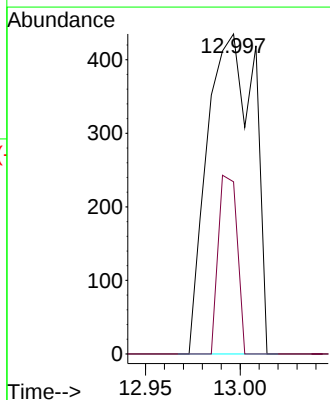
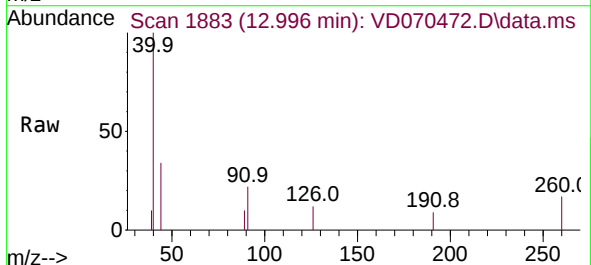
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

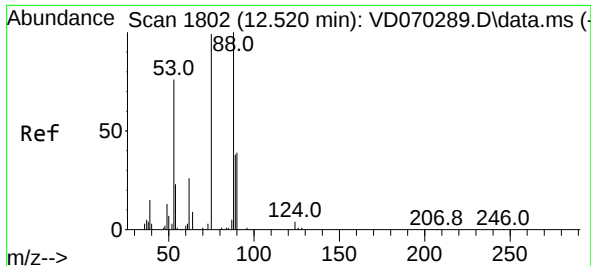
Tgt Ion: 91 Resp: 998
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#



#79
2-Chlorotoluene
Concen: 1.990 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.100 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 91 Resp: 745
Ion Ratio Lower Upper
91 100
126 22.6 16.2 48.6

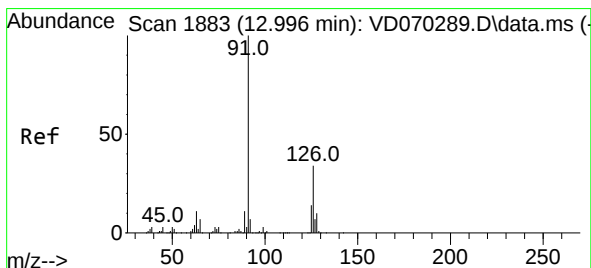
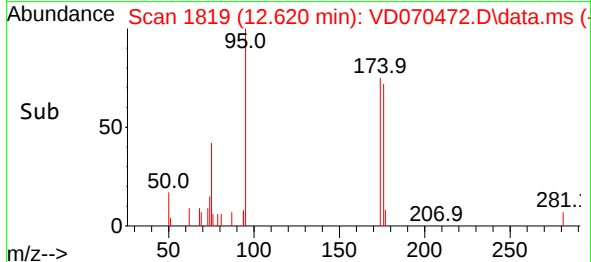
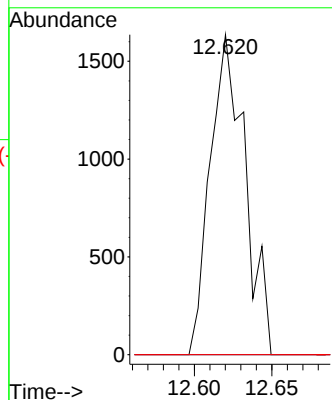
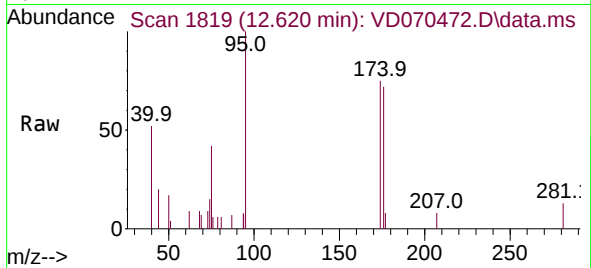




#81
trans-1,4-Dichloro-2-butene
Concen: 90.056 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

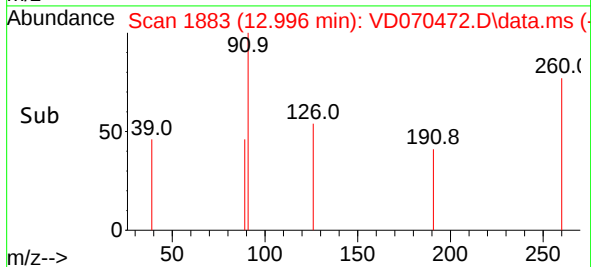
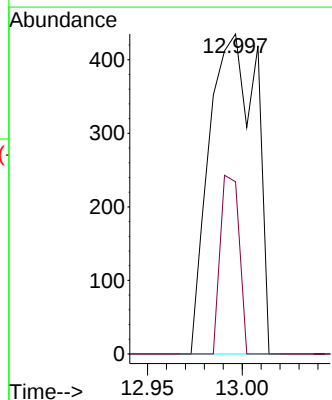
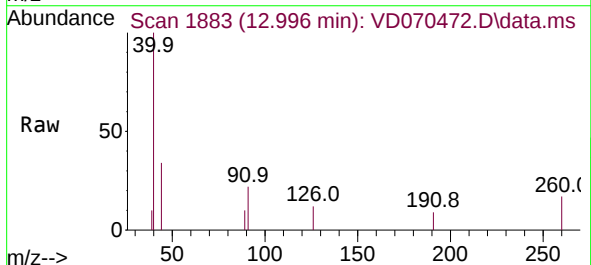
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

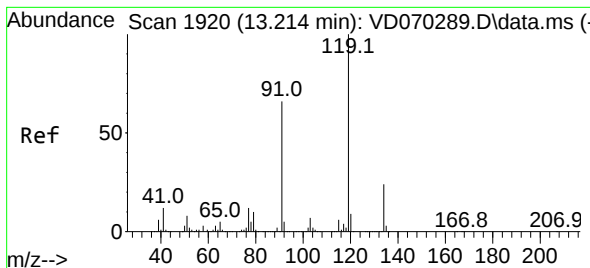
Tgt Ion: 75 Resp: 2566
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 1.886 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 91 Resp: 745
Ion Ratio Lower Upper
91 100
126 22.6 16.2 48.5

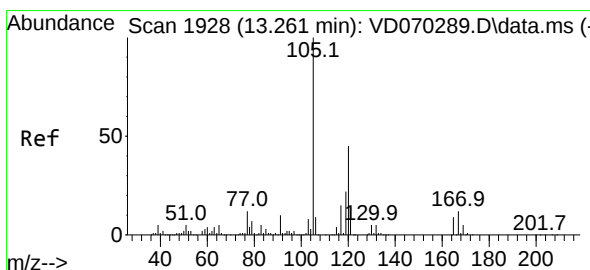
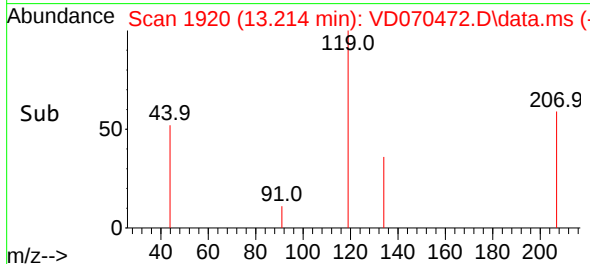
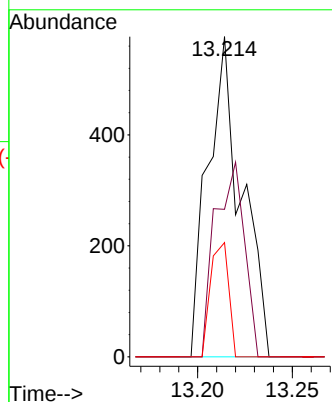
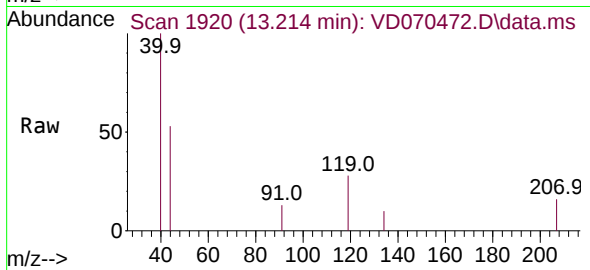




#83
tert-Butylbenzene
Concen: 2.084 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

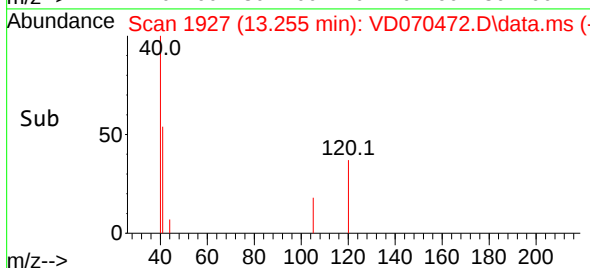
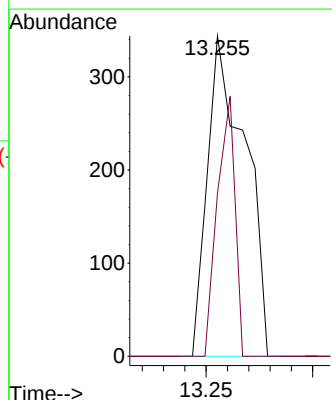
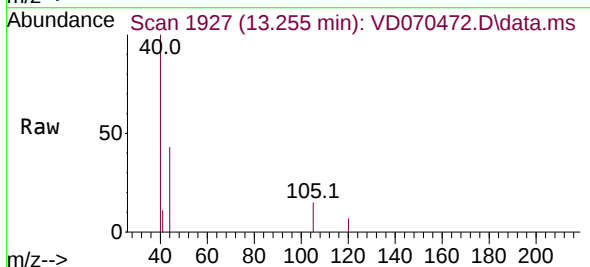
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

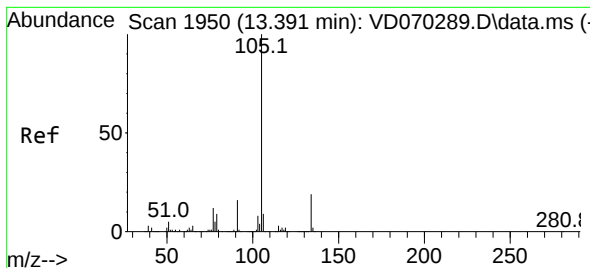
Tgt Ion:	119	Resp:	714
Ion	Ratio	Lower	Upper
119	100		
91	52.4	33.7	101.0
134	19.2	13.2	39.5



#84
1,2,4-Trimethylbenzene
Concen: 1.006 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion:	105	Resp:	423
Ion	Ratio	Lower	Upper
105	100		
120	37.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 1.557 ug/l

RT: 13.379 min Scan# 1948

Delta R.T. -0.012 min

Lab File: VD070472.D

Acq: 27 Sep 2021 12:40

Instrument :

MSVOA_D

ClientSampleId :

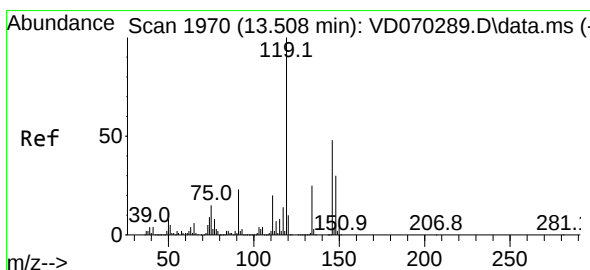
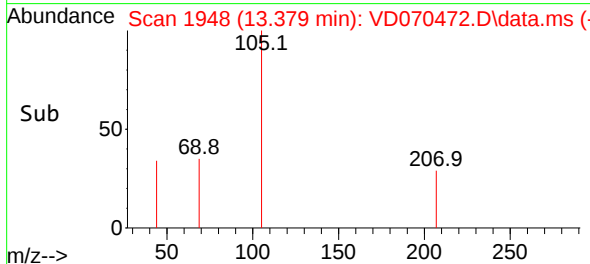
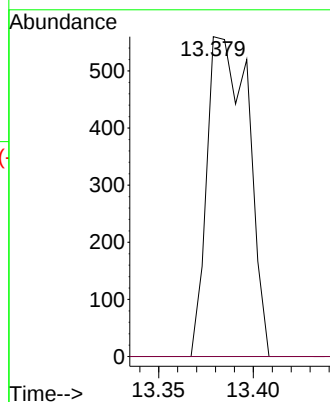
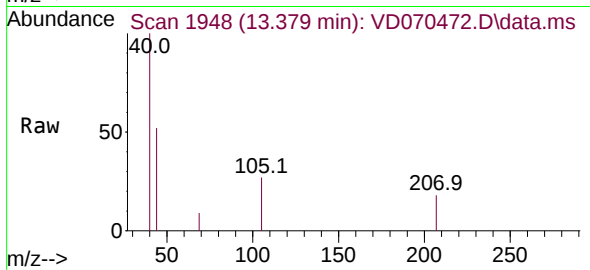
S-839-R-SO-2-2.5-092321RE

Tgt Ion:105 Resp: 848

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 1.636 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. -0.000 min

Lab File: VD070472.D

Acq: 27 Sep 2021 12:40

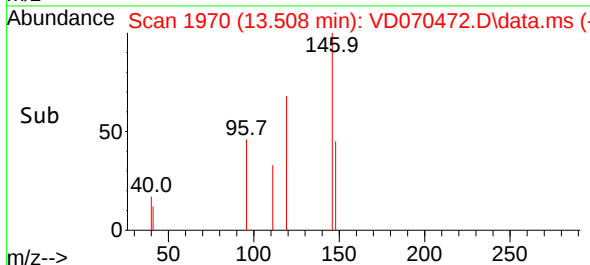
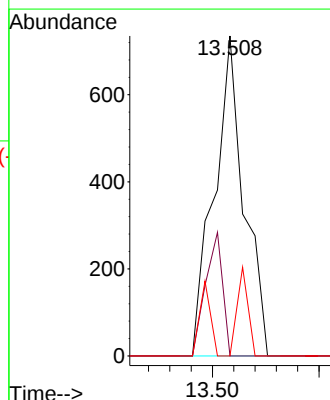
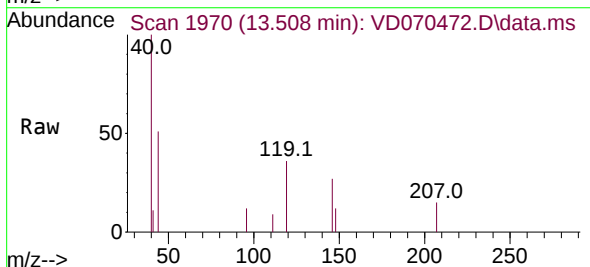
Tgt Ion:119 Resp: 716

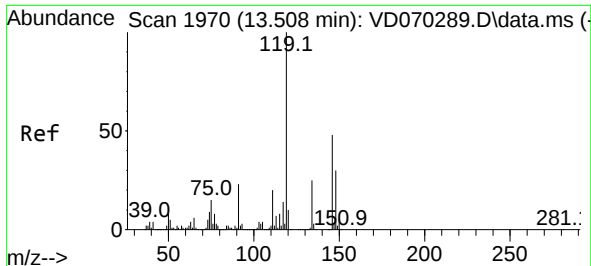
Ion Ratio Lower Upper

119 100

134 0.0 12.7 38.0#

91 10.1 11.8 35.3#





#87

1,3-Dichlorobenzene

Concen: 2.486 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.076 min

Lab File: VD070472.D

Acq: 27 Sep 2021 12:40

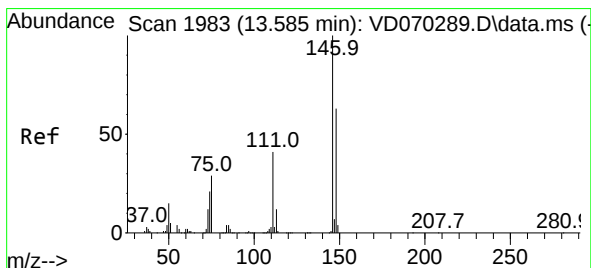
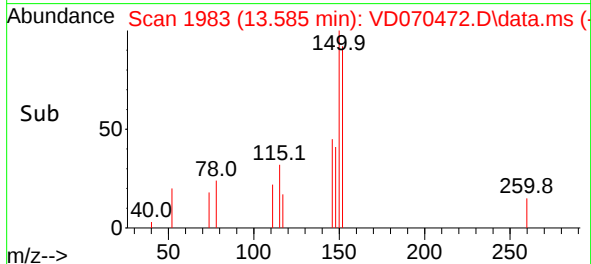
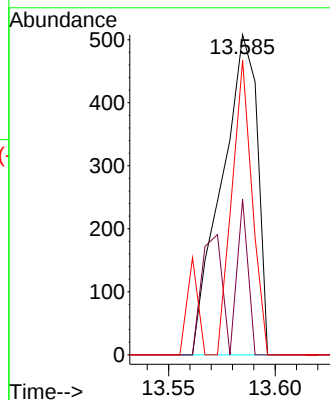
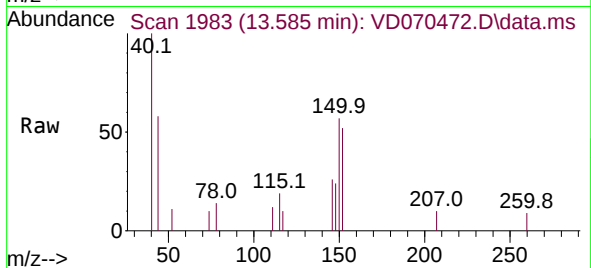
Tgt Ion:146 Resp: 591

Ion Ratio Lower Upper

146 100

111 21.7 21.5 64.5

148 52.3 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 2.477 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD070472.D

Acq: 27 Sep 2021 12:40

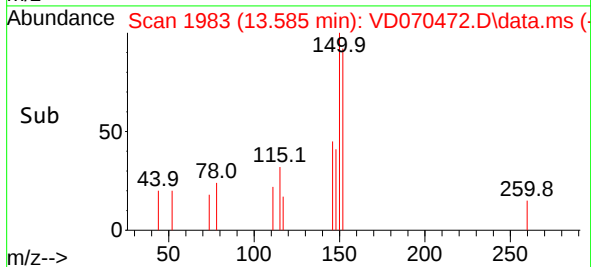
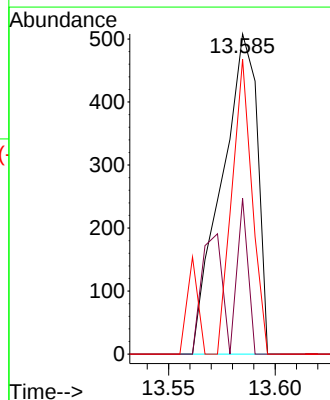
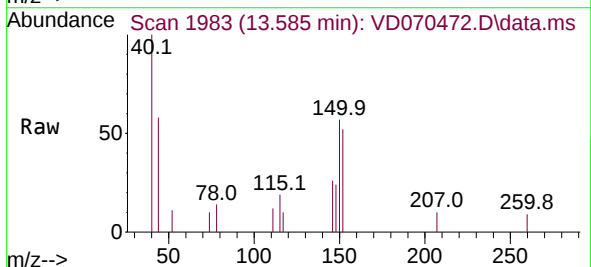
Tgt Ion:146 Resp: 591

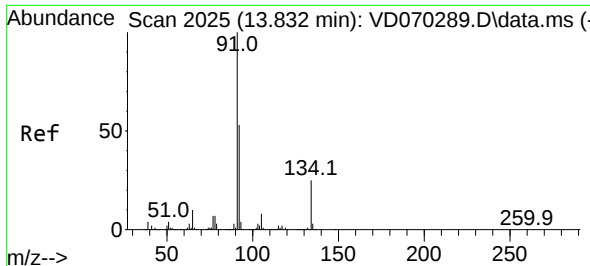
Ion Ratio Lower Upper

146 100

111 21.7 20.9 62.8

148 52.3 31.9 95.5

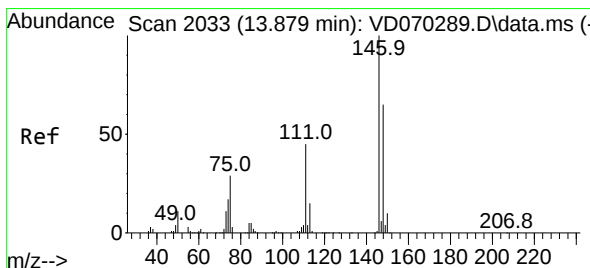
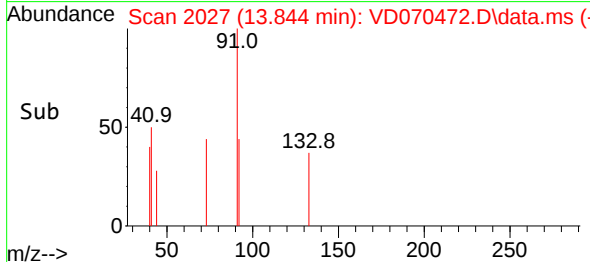
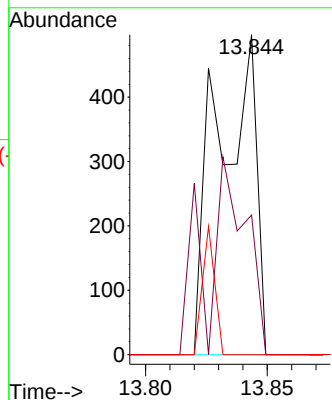
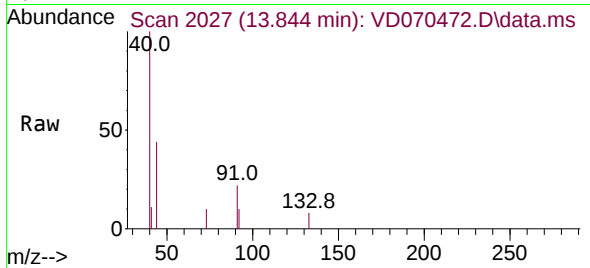




#89
n-Butylbenzene
Concen: 1.240 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

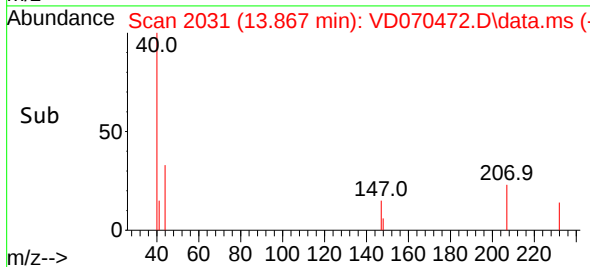
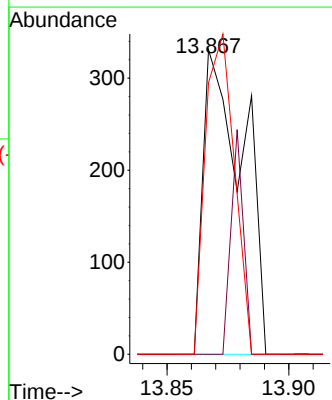
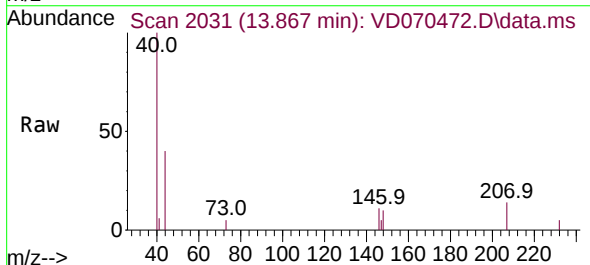
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

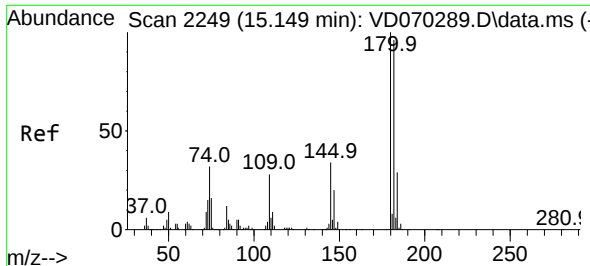
Tgt Ion: 91	Resp:	541
Ion Ratio	Lower	Upper
91	100	
92	64.1	26.8 80.4
134	12.9	12.1 36.3



#91
1,2-Dichlorobenzene
Concen: 1.792 ug/l
RT: 13.867 min Scan# 2031
Delta R.T. -0.012 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion: 146	Resp:	376
Ion Ratio	Lower	Upper
146	100	
111	22.9	21.9 65.7
148	76.6	31.7 95.1

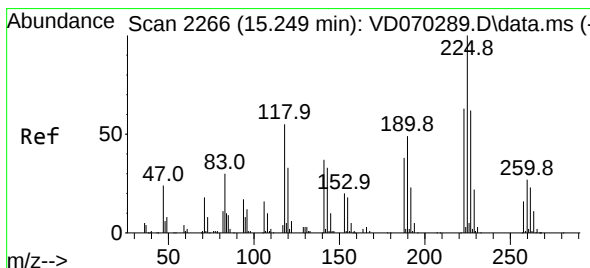
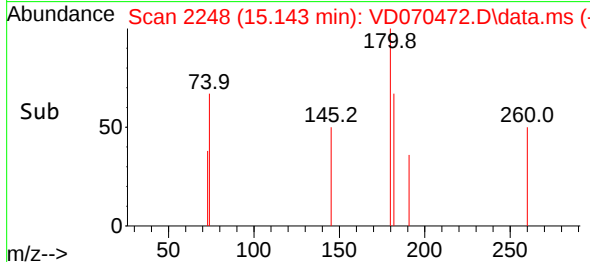
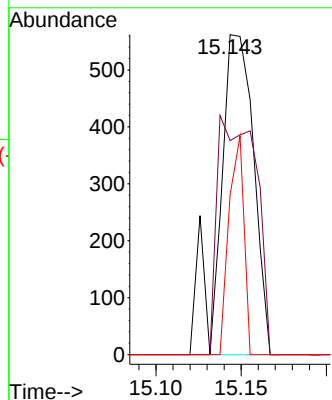
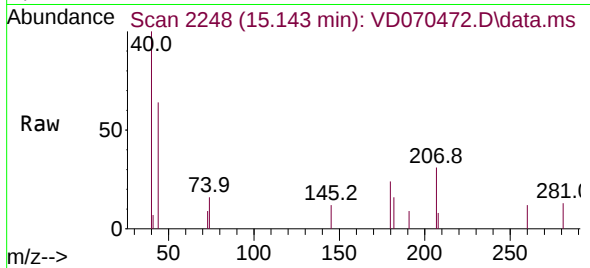




#93
1,2,4-Trichlorobenzene
Concen: 6.983 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

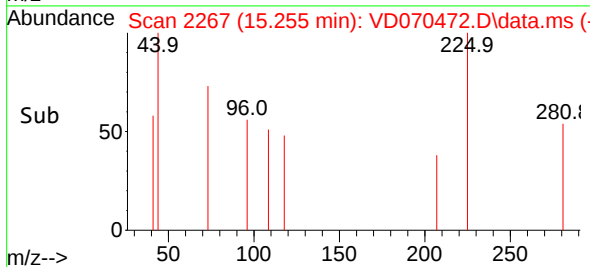
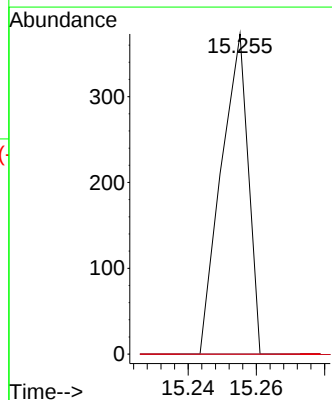
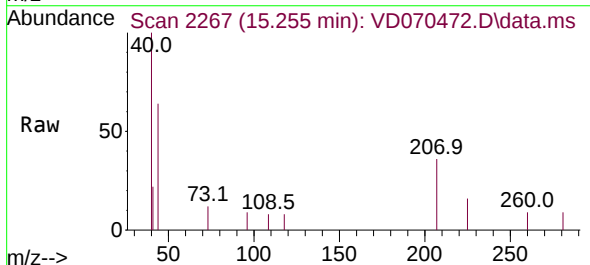
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

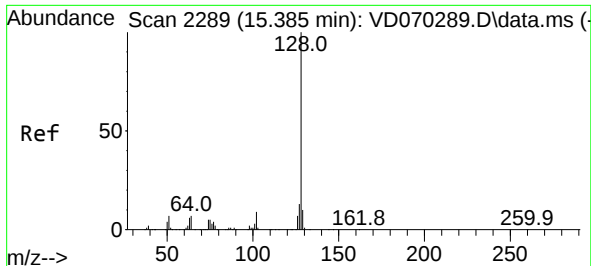
Tgt Ion:	180	Resp:	791
Ion	Ratio	Lower	Upper
180	100		
182	83.4	48.1	144.4
145	29.7	16.8	50.4



#94
Hexachlorobutadiene
Concen: 2.965 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion:	225	Resp:	206
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.4	94.3#
227	0.0	32.7	98.1#

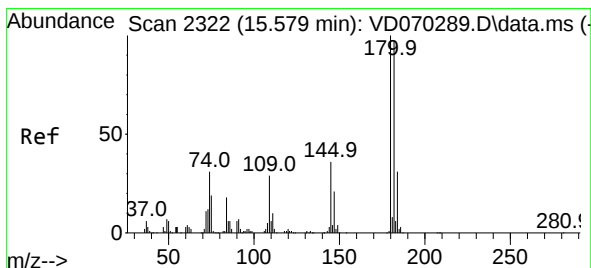
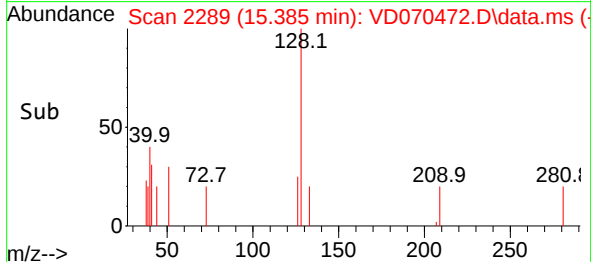
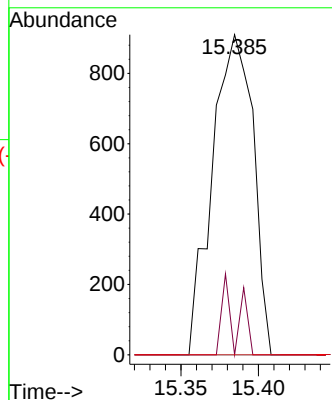
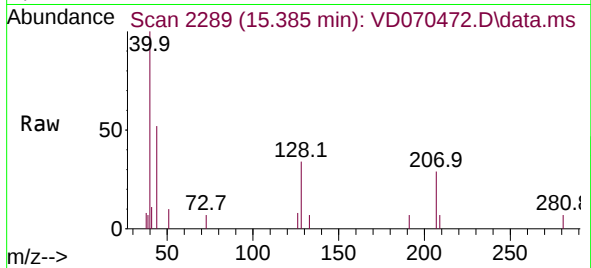




#95
Naphthalene
Concen: 8.126 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321RE

Tgt Ion:	128	Resp:	1673
Ion	Ratio	Lower	Upper
128	100		
127	8.9	10.5	15.7#
129	0.0	9.0	13.4#



#96
1,2,3-Trichlorobenzene
Concen: 4.733 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070472.D
Acq: 27 Sep 2021 12:40

Tgt Ion:	180	Resp:	473
Ion	Ratio	Lower	Upper
180	100		
182	78.9	47.9	143.6
145	52.0	17.7	53.1

