

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071516.D
 Acq On : 28 Dec 2021 21:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 28 21:28:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	369827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	624413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	566559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	282903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	265960	54.149	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.300%	
35) Dibromofluoromethane	7.914	113	236284	56.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.600%	
50) Toluene-d8	10.338	98	831251	52.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.620	95	306609	54.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	204158	52.683	ug/l	98
3) Chloromethane	2.209	50	276498	55.722	ug/l	98
4) Vinyl Chloride	2.350	62	282457	47.501	ug/l	98
5) Bromomethane	2.773	94	184967	44.464	ug/l	96
6) Chloroethane	2.926	64	185244	46.941	ug/l	95
7) Trichlorofluoromethane	3.279	101	407414	55.967	ug/l	97
8) Diethyl Ether	3.709	74	119185	57.190	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.103	101	230255	54.368	ug/l	96
10) Methyl Iodide	4.303	142	201522	48.930	ug/l	93
11) Tert butyl alcohol	5.220	59	72270	181.613	ug/l	98
12) 1,1-Dichloroethene	4.073	96	204055	52.960	ug/l #	78
13) Acrolein	3.926	56	46655	196.637	ug/l	100
14) Allyl chloride	4.715	41	416950	57.213	ug/l #	79
15) Acrylonitrile	5.420	53	279166	272.010	ug/l	98
16) Acetone	4.156	43	325024	263.456	ug/l #	85
17) Carbon Disulfide	4.415	76	559313	44.553	ug/l	97
18) Methyl Acetate	4.715	43	203231	53.372	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	558239	56.125	ug/l	96
20) Methylene Chloride	4.967	84	284757	62.632	ug/l #	84
21) trans-1,2-Dichloroethene	5.473	96	231069	51.778	ug/l #	84
22) Diisopropyl ether	6.367	45	858036	57.835	ug/l	94
23) Vinyl Acetate	6.303	43	2108806	275.730	ug/l	96
24) 1,1-Dichloroethane	6.267	63	471056	55.384	ug/l	99
25) 2-Butanone	7.214	43	370510	251.433	ug/l	89
26) 2,2-Dichloropropane	7.209	77	386007	55.235	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	267996	54.293	ug/l	90
28) Bromochloromethane	7.544	49	179942	51.628	ug/l	89
29) Tetrahydrofuran	7.561	42	225714	255.113	ug/l	93
30) Chloroform	7.709	83	476283	55.499	ug/l	95
31) Cyclohexane	7.985	56	378443	45.357	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	417203	54.815	ug/l	94
36) 1,1-Dichloropropene	8.114	75	346141	51.628	ug/l	97
37) Ethyl Acetate	7.291	43	161450	52.160	ug/l #	91
38) Carbon Tetrachloride	8.097	117	351266	53.104	ug/l	98
39) Methylcyclohexane	9.355	83	380019	48.420	ug/l	96
40) Benzene	8.350	78	953747	52.916	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	107340	58.384	ug/l #	72
42) 1,2-Dichloroethane	8.426	62	324210	55.163	ug/l	93
43) Isopropyl Acetate	8.450	43	315677	51.391	ug/l #	89
44) Trichloroethene	9.108	130	243997	51.949	ug/l	93
45) 1,2-Dichloropropane	9.385	63	247415	52.901	ug/l	96
46) Dibromomethane	9.473	93	132917	51.441	ug/l	93
47) Bromodichloromethane	9.655	83	358222	54.606	ug/l	99
48) Methyl methacrylate	9.450	41	158329	52.087	ug/l #	81
49) 1,4-Dioxane	9.455	88	25691	879.872	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	798009	246.932	ug/l	91
52) Toluene	10.397	92	600012	52.406	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	312319	50.983	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	370621	52.356	ug/l #	80
55) 1,1,2-Trichloroethane	10.797	97	175175	53.411	ug/l	96
56) Ethyl methacrylate	10.655	69	229276	53.123	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	312004	51.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	537389	259.935	ug/l	99
59) 2-Hexanone	10.979	43	568482	248.862	ug/l	87
60) Dibromochloromethane	11.132	129	222473	53.961	ug/l	99
61) 1,2-Dibromoethane	11.238	107	171188	52.698	ug/l	99
64) Tetrachloroethene	10.873	164	200045	50.810	ug/l	93
65) Chlorobenzene	11.661	112	626223	53.885	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	236857	55.789	ug/l	98
67) Ethyl Benzene	11.738	91	1179709	54.545	ug/l	99
68) m/p-Xylenes	11.844	106	884257	107.614	ug/l	93
69) o-Xylene	12.173	106	424706	56.545	ug/l	94
70) Styrene	12.185	104	726366	55.669	ug/l	95
71) Bromoform	12.349	173	121523	52.896	ug/l #	98
73) Isopropylbenzene	12.467	105	1147007	52.589	ug/l	98
74) N-amyl acetate	12.279	43	290053	49.568	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	193881	49.168	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	167269m	49.762	ug/l	
77) Bromobenzene	12.749	156	244997	50.480	ug/l	95
78) n-propylbenzene	12.814	91	1405298	51.404	ug/l	100
79) 2-Chlorotoluene	12.896	91	797769	52.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	973395	54.108	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	51907	43.632	ug/l #	72
82) 4-Chlorotoluene	12.996	91	836568	52.788	ug/l	100
83) tert-Butylbenzene	13.214	119	820124	53.350	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	969732	54.465	ug/l	97
85) sec-Butylbenzene	13.391	105	1253811	53.500	ug/l	99
86) p-Isopropyltoluene	13.502	119	1044089	53.693	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	497925	50.943	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	490791	51.210	ug/l	98
89) n-Butylbenzene	13.832	91	1017906	53.333	ug/l	98
90) Hexachloroethane	14.096	117	188183	51.086	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	426436	51.407	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32854	48.044	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	270139	53.440	ug/l	97
94) Hexachlorobutadiene	15.249	225	143490	52.988	ug/l	98
95) Naphthalene	15.385	128	510753	53.082	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	231794	53.015	ug/l	97

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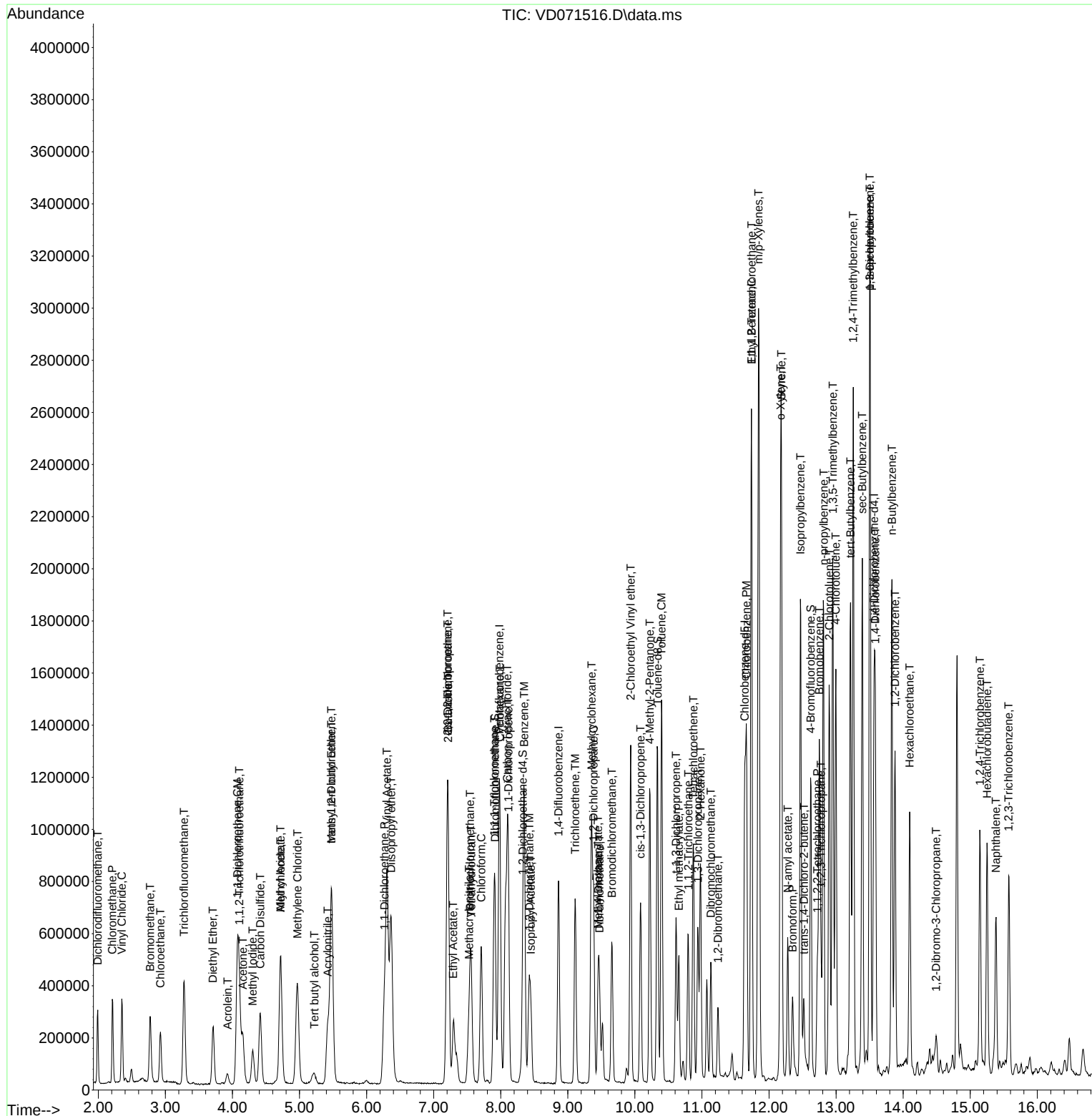
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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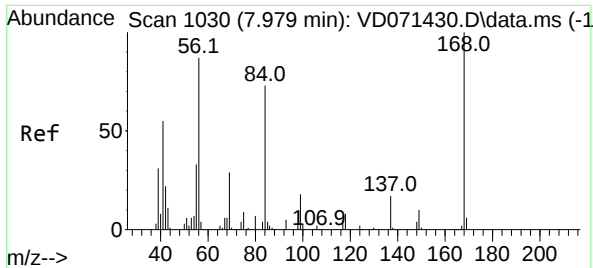
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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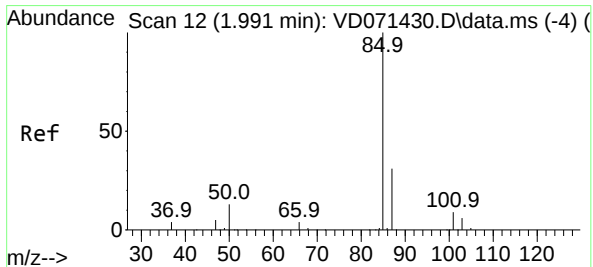
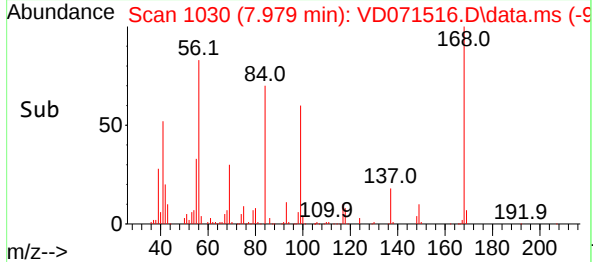
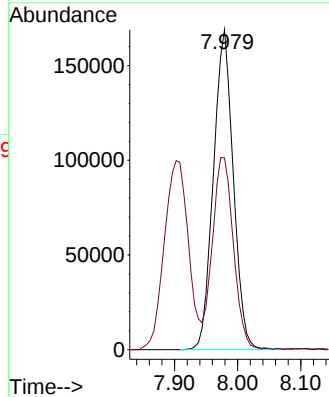
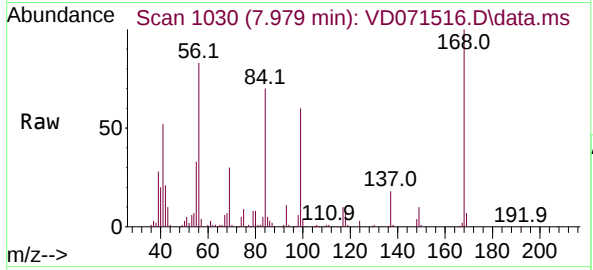




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071516.D
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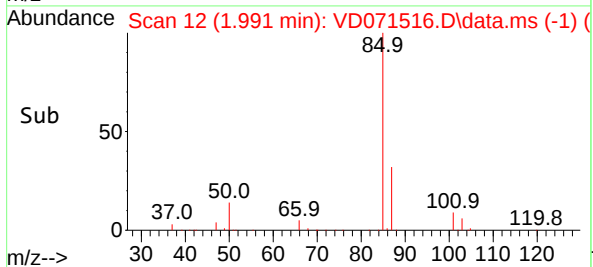
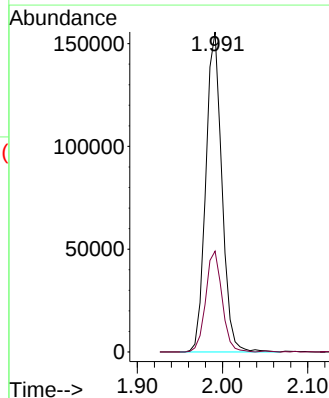
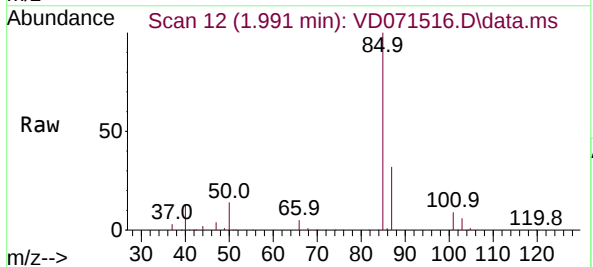
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

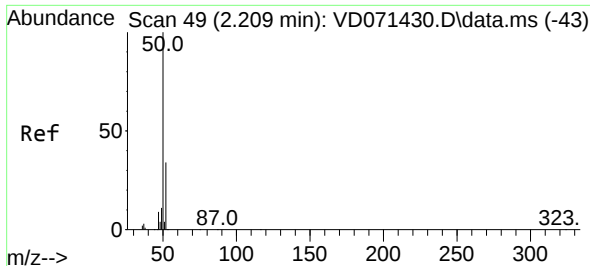
Tgt Ion:168 Resp: 369827
Ion Ratio Lower Upper
168 100
99 59.6 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 52.683 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 85 Resp: 204158
Ion Ratio Lower Upper
85 100
87 31.5 15.2 45.6

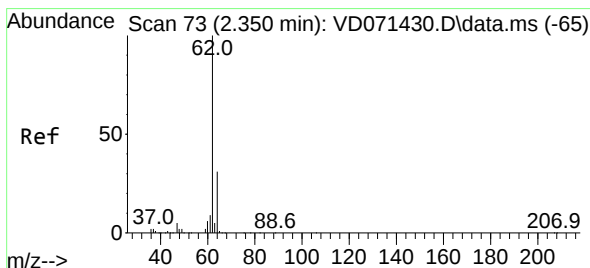
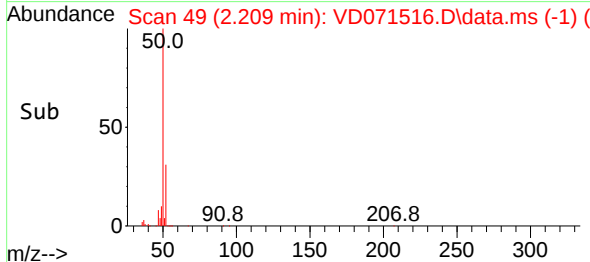
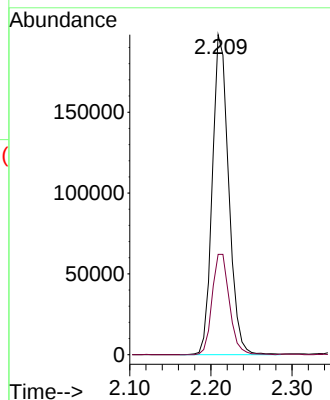
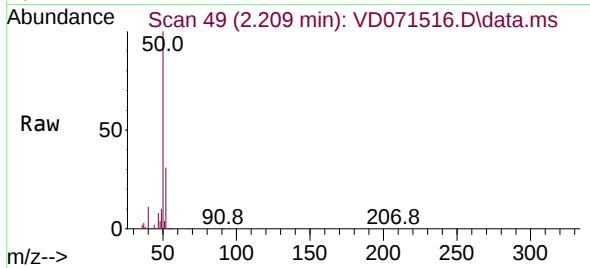




#3
Chloromethane
Concen: 55.722 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

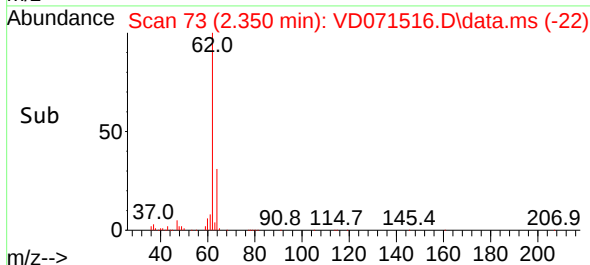
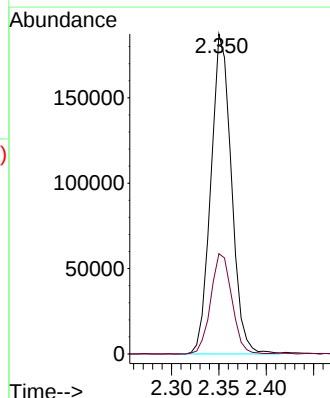
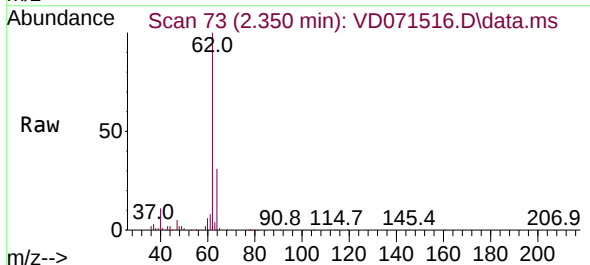
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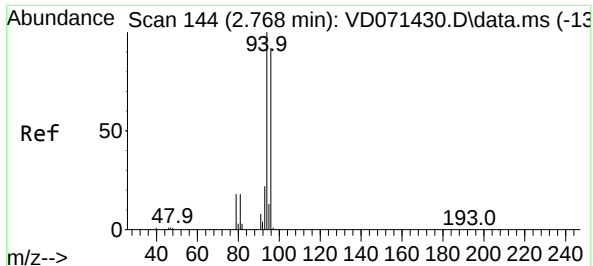
Tgt Ion: 50 Resp: 276498
Ion Ratio Lower Upper
50 100
52 31.3 25.8 38.8



#4
Vinyl Chloride
Concen: 47.501 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 62 Resp: 282457
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

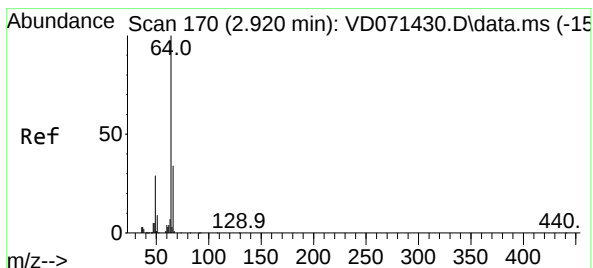
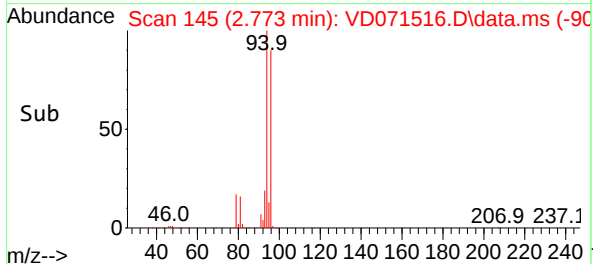
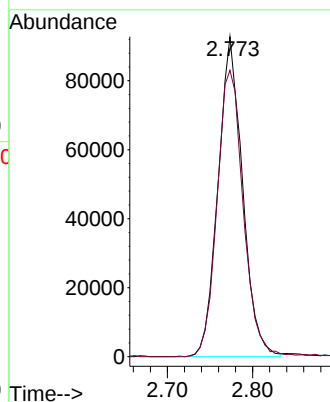
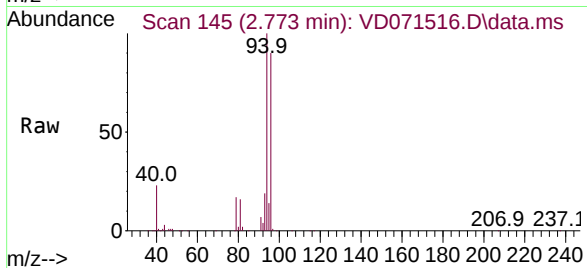




#5
Bromomethane
Concen: 44.464 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.023 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

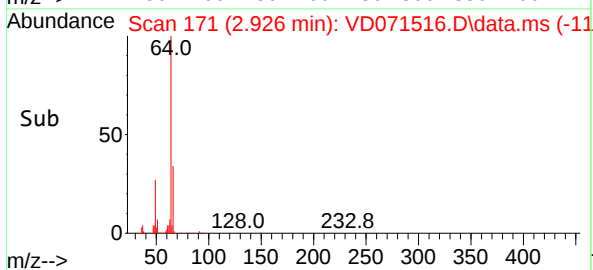
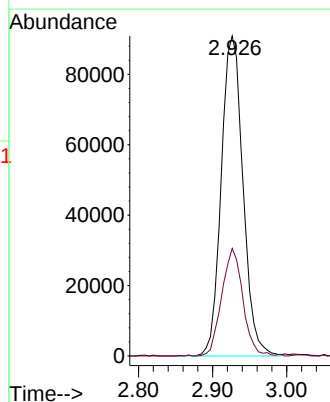
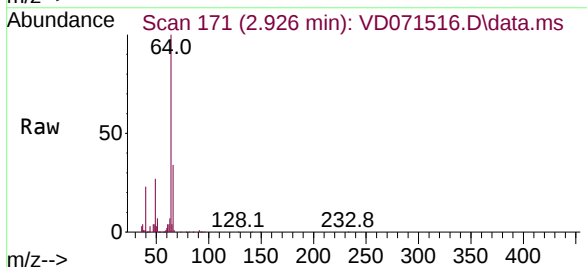
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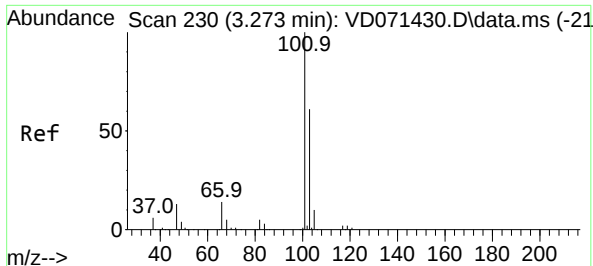
Tgt Ion: 94 Resp: 184967
Ion Ratio Lower Upper
94 100
96 89.3 74.8 112.2



#6
Chloroethane
Concen: 46.941 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.011 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 64 Resp: 185244
Ion Ratio Lower Upper
64 100
66 33.4 29.0 43.4

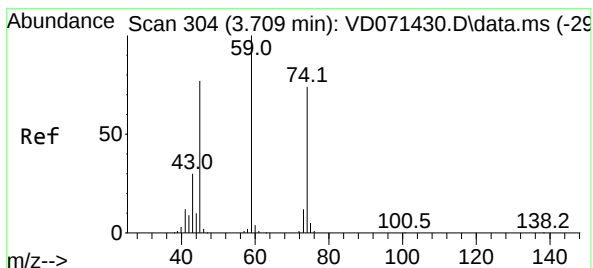
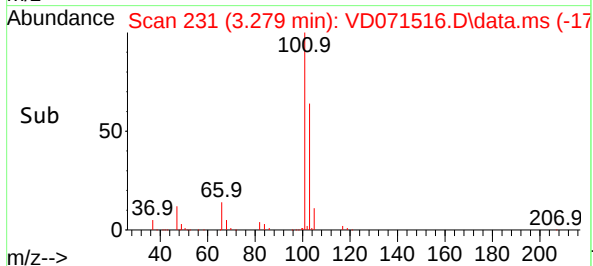
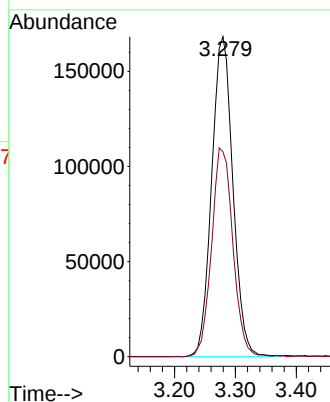
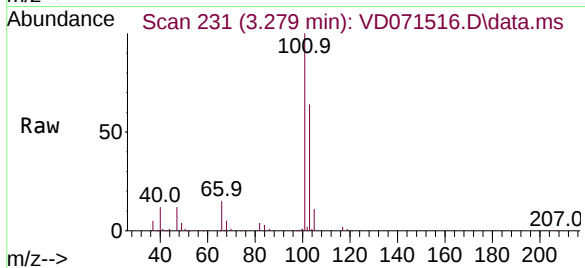




#7
 Trichlorofluoromethane
 Concen: 55.967 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

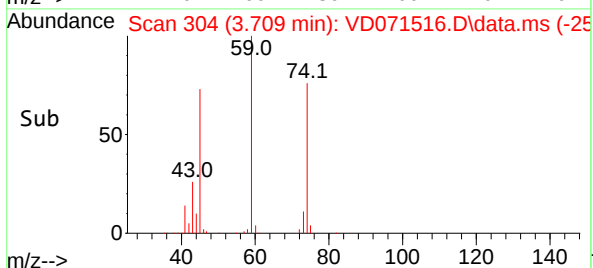
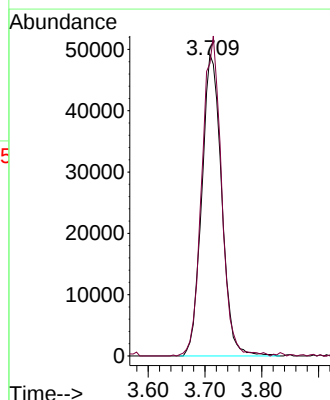
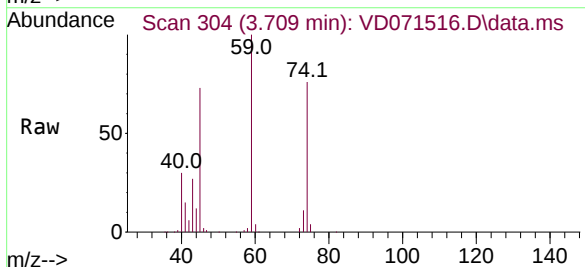
Instrument :
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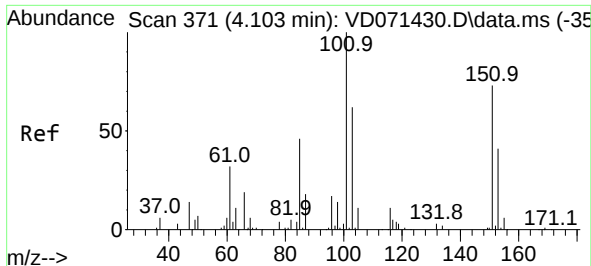
Tgt Ion:101 Resp: 407414
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.7 74.5



#8
 Diethyl Ether
 Concen: 57.190 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD071516.D
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Tgt Ion: 74 Resp: 119185
 Ion Ratio Lower Upper
 74 100
 45 104.9 49.6 149.0

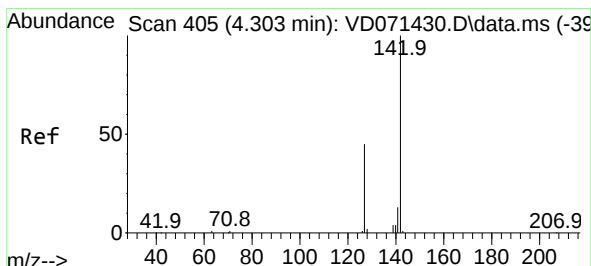
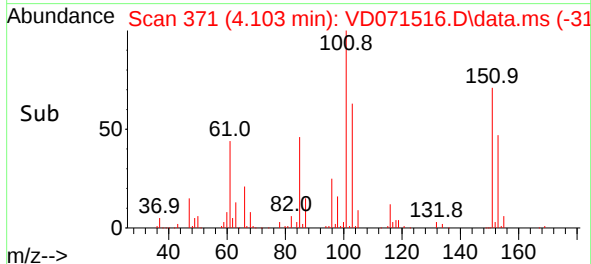
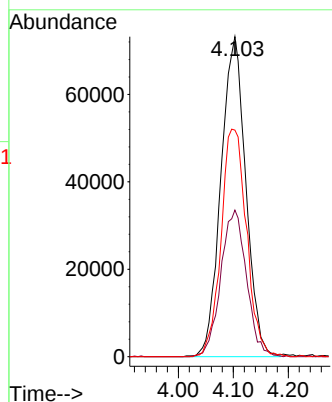
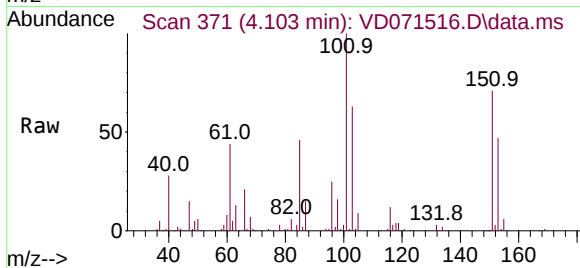




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.368 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.012 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

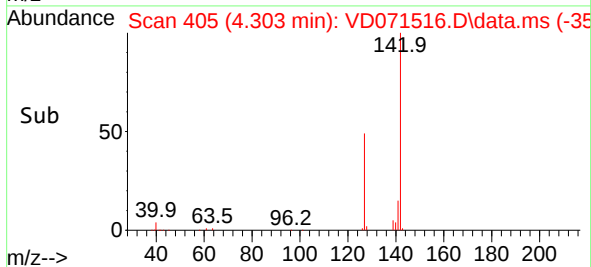
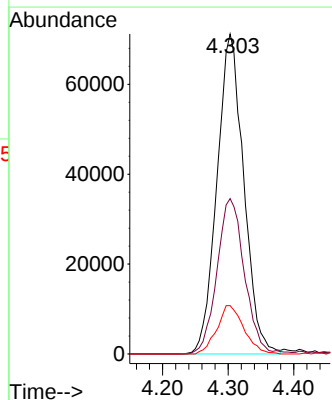
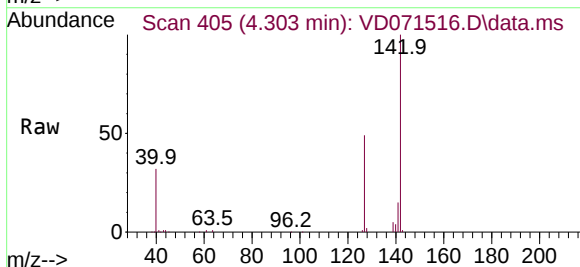
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

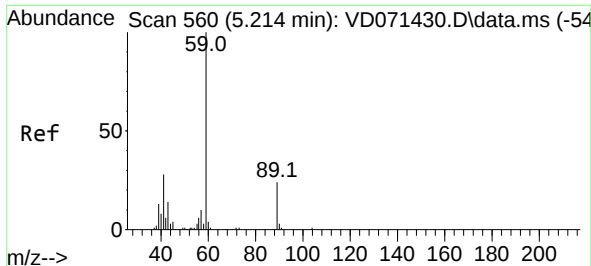
Tgt Ion:101 Resp: 230255
Ion Ratio Lower Upper
101 100
85 47.2 34.8 52.2
151 72.7 60.4 90.6



#10
Methyl Iodide
Concen: 48.930 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:142 Resp: 201522
Ion Ratio Lower Upper
142 100
127 49.9 35.0 52.4
141 15.3 12.0 18.0

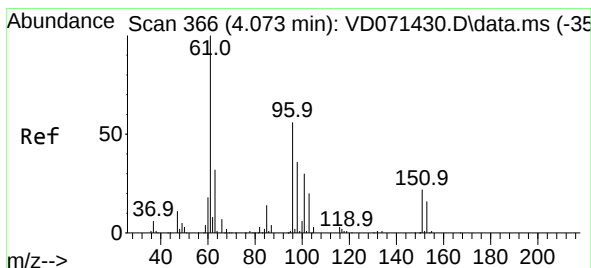
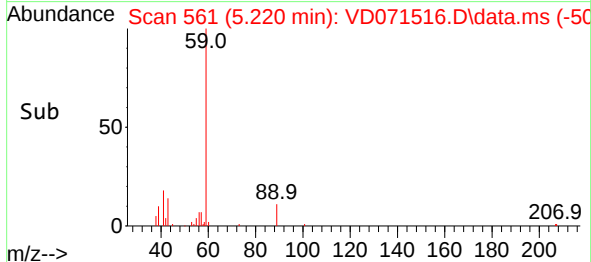
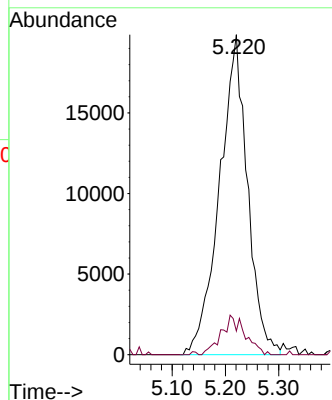
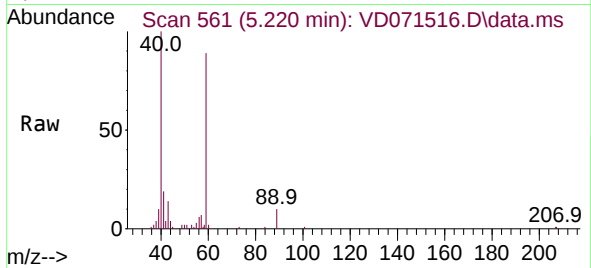




#11
Tert butyl alcohol
Concen: 181.613 ug/l
RT: 5.220 min Scan# 560
Delta R.T. 0.011 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

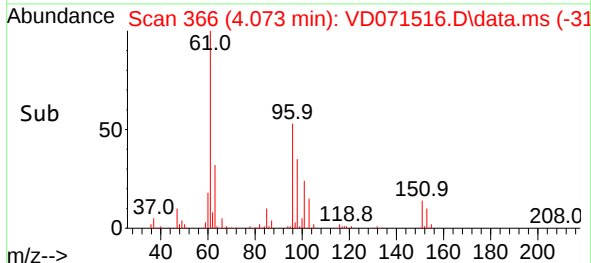
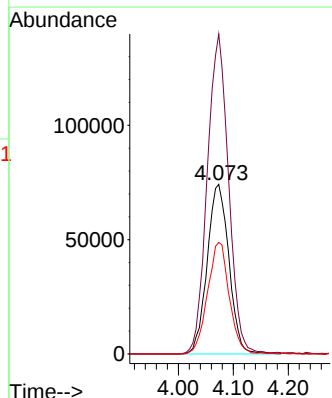
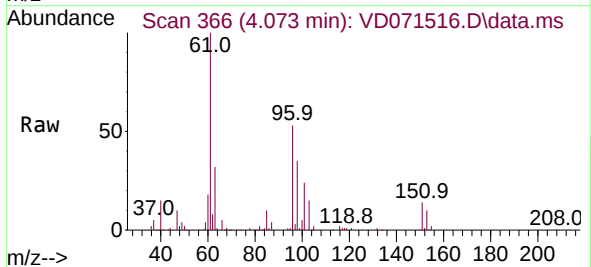
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

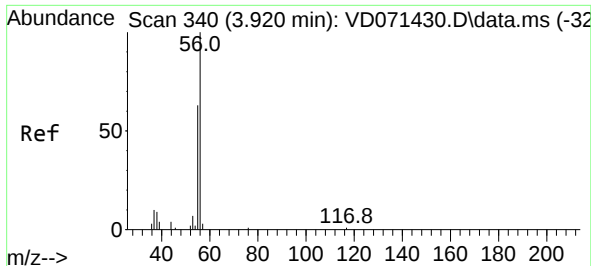
Tgt Ion: 59 Resp: 72270
Ion Ratio Lower Upper
59 100
57 10.4 9.0 13.4



#12
1,1-Dichloroethene
Concen: 52.960 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.011 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 96 Resp: 204055
Ion Ratio Lower Upper
96 100
61 188.7 120.3 180.5#
98 65.7 54.4 81.6





#13

Acrolein

Concen: 196.637 ug/l

RT: 3.926 min Scan# 340

Delta R.T. 0.012 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

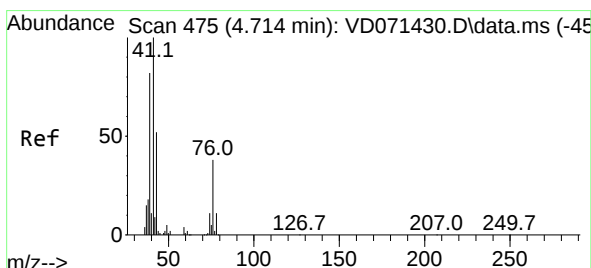
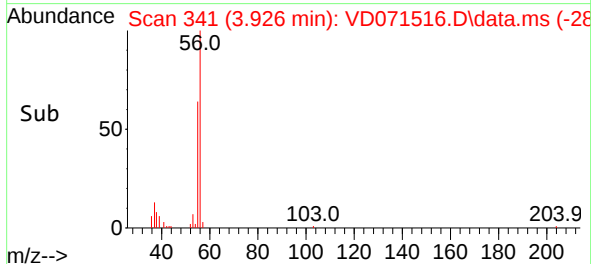
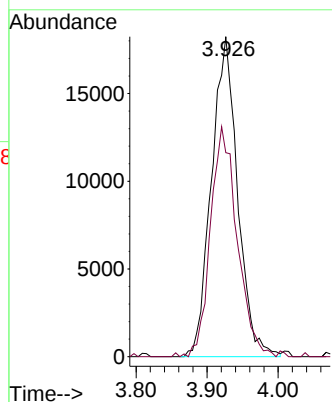
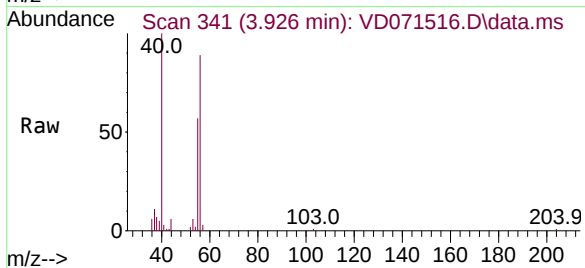
VSTDCCC050EC

Tgt Ion: 56 Resp: 46655

Ion Ratio Lower Upper

56 100

55 73.0 58.6 87.8



#14

Allyl chloride

Concen: 57.213 ug/l

RT: 4.715 min Scan# 475

Delta R.T. 0.012 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

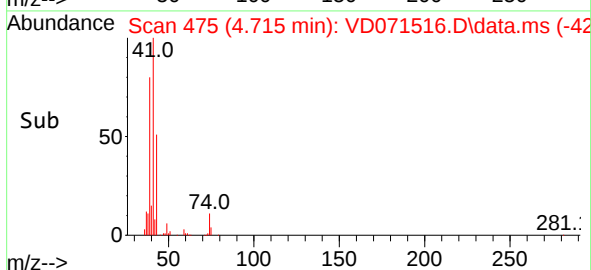
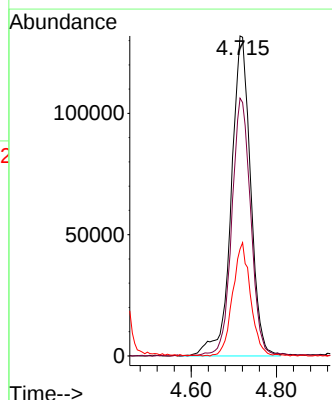
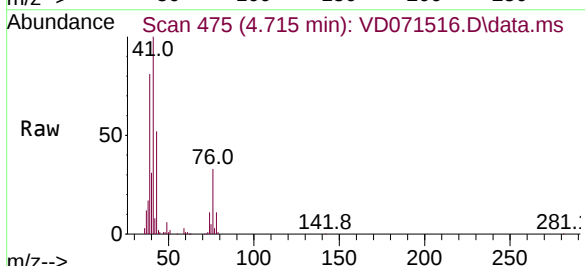
Tgt Ion: 41 Resp: 416950

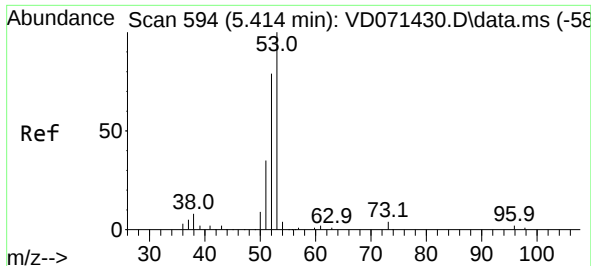
Ion Ratio Lower Upper

41 100

39 78.5 45.6 68.4

76 32.6 30.2 45.4

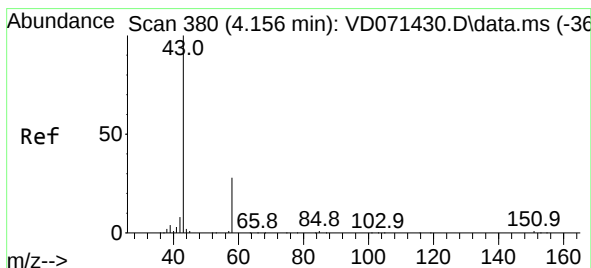
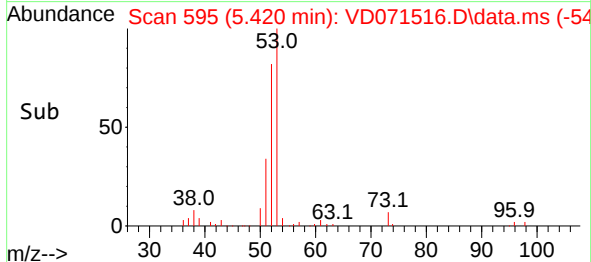
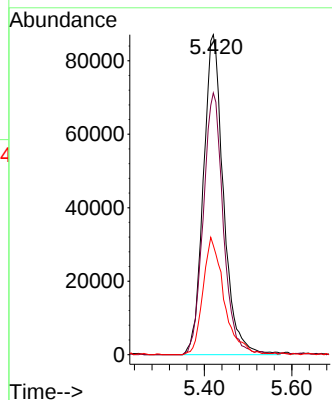
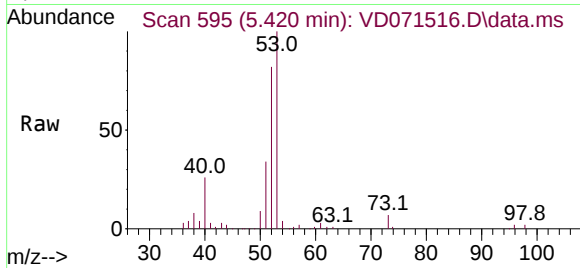




#15
Acrylonitrile
Concen: 272.010 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

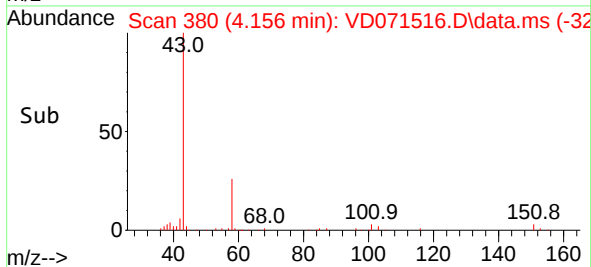
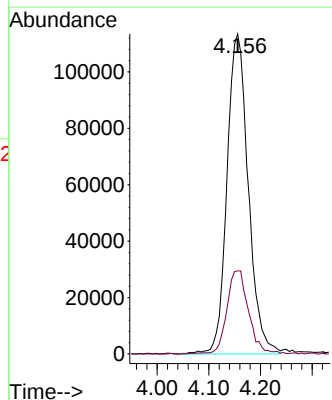
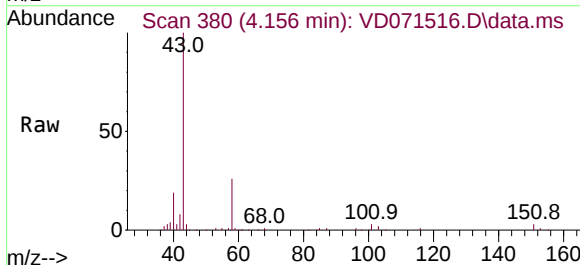
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

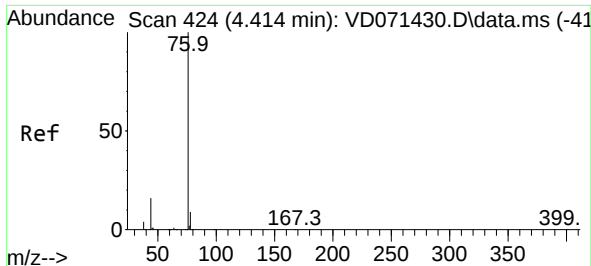
Tgt Ion: 53 Resp: 279166
Ion Ratio Lower Upper
53 100
52 80.9 63.8 95.8
51 38.6 28.5 42.7



#16
Acetone
Concen: 263.456 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 43 Resp: 325024
Ion Ratio Lower Upper
43 100
58 25.9 27.8 41.8#

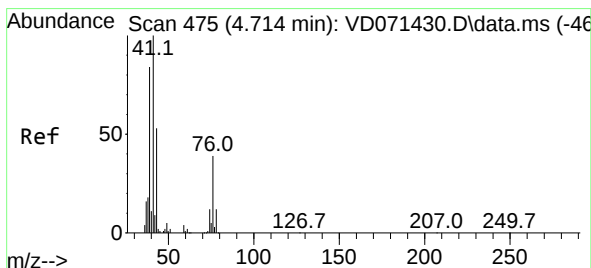
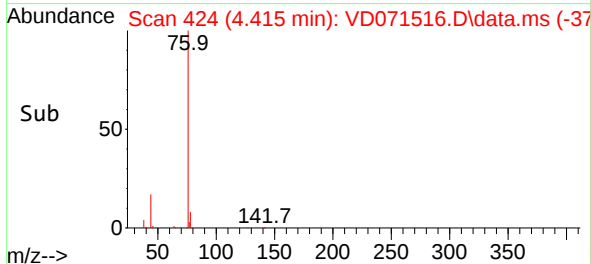
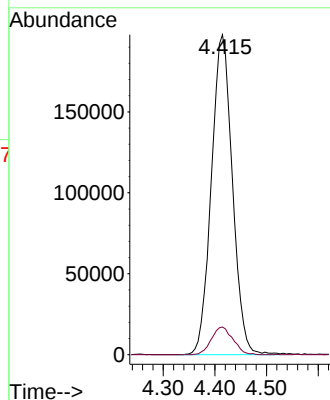
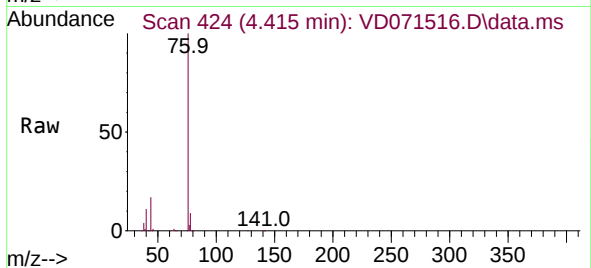




#17
Carbon Disulfide
Concen: 44.553 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

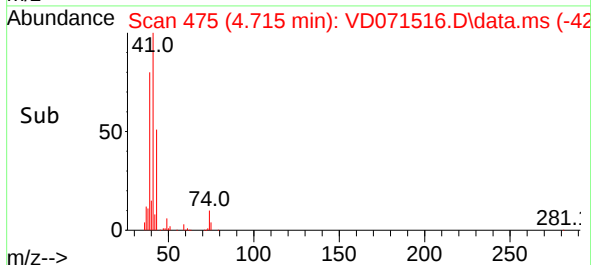
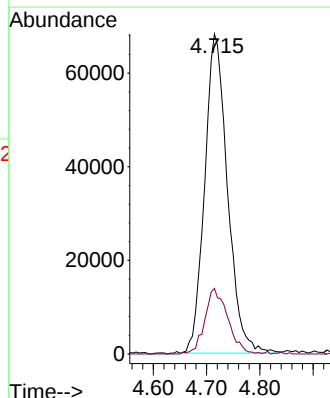
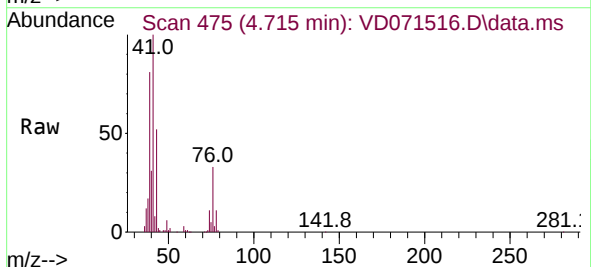
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

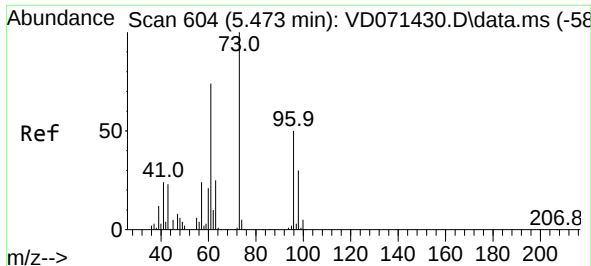
Tgt Ion: 76 Resp: 559313
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8



#18
Methyl Acetate
Concen: 53.372 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 43 Resp: 203231
Ion Ratio Lower Upper
43 100
74 20.5 19.3 28.9

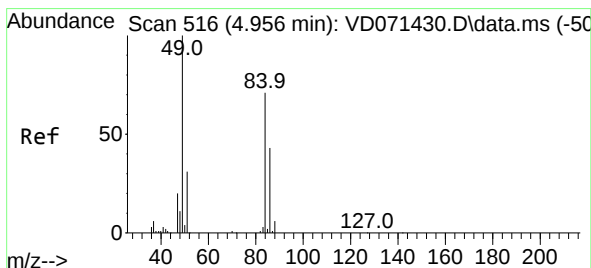
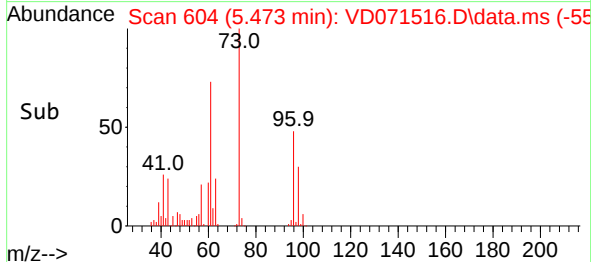
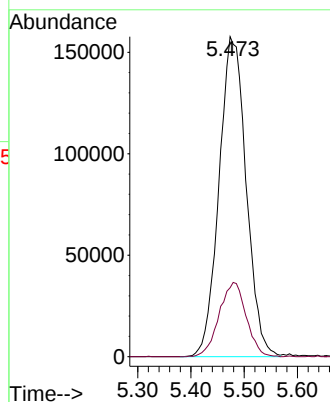
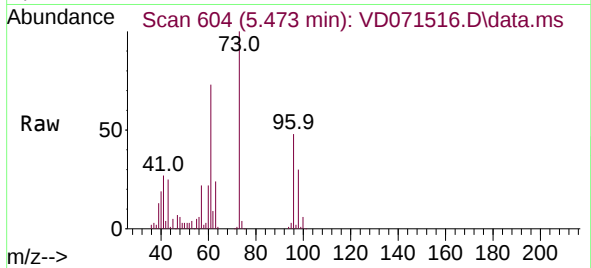




#19
Methyl tert-butyl Ether
Concen: 56.125 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

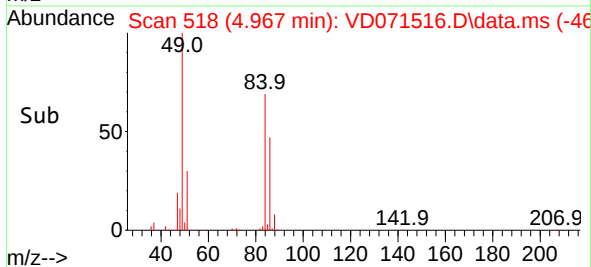
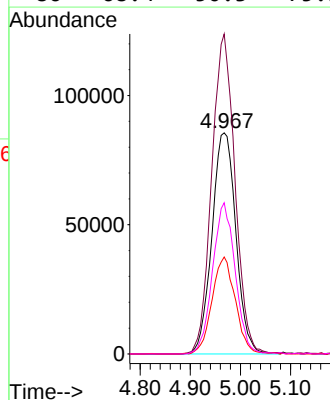
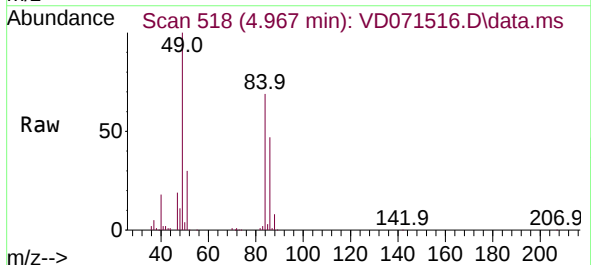
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

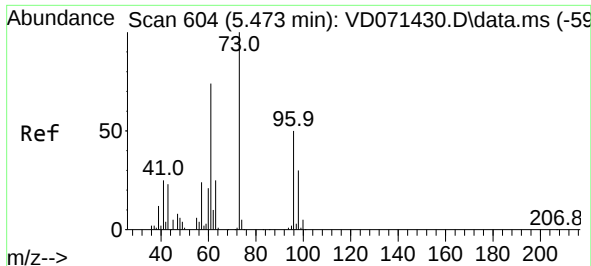
Tgt Ion: 73 Resp: 558239
Ion Ratio Lower Upper
73 100
57 21.6 18.9 28.3



#20
Methylene Chloride
Concen: 62.632 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 84 Resp: 284757
Ion Ratio Lower Upper
84 100
49 144.7 95.8 143.6#
51 43.8 30.9 46.3
86 68.4 50.3 75.5

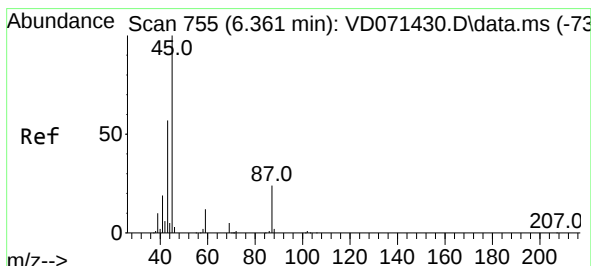
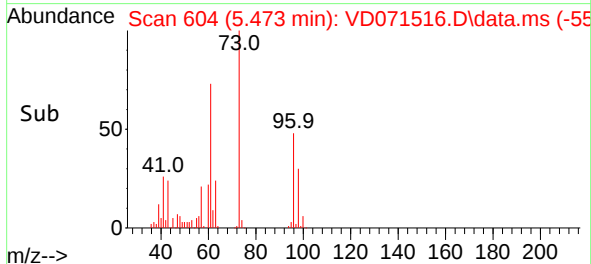
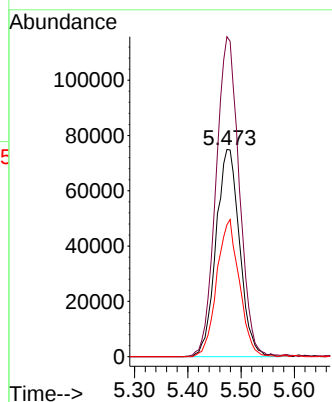
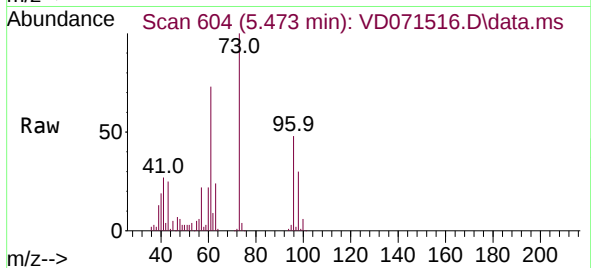




#21
trans-1,2-Dichloroethene
Concen: 51.778 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

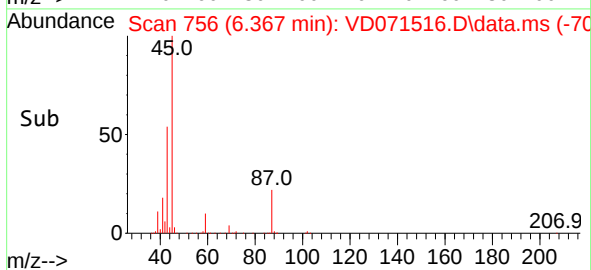
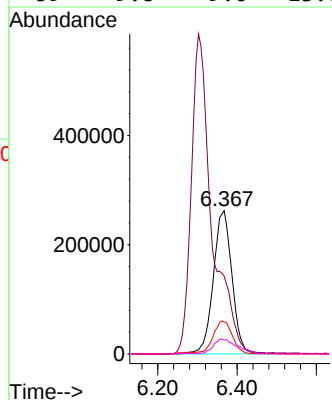
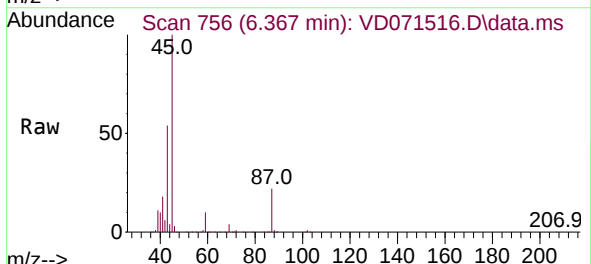
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

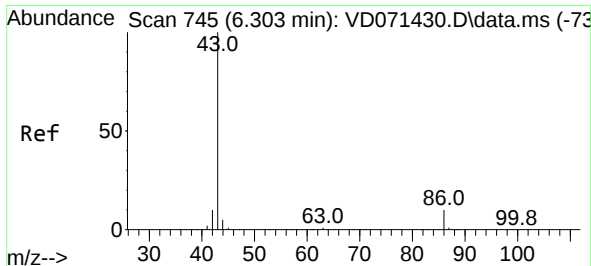
Tgt Ion: 96 Resp: 231069
Ion Ratio Lower Upper
96 100
61 154.4 102.1 153.1#
98 63.6 50.1 75.1



#22
Diisopropyl ether
Concen: 57.835 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 45 Resp: 858036
Ion Ratio Lower Upper
45 100
43 53.4 39.6 59.4
87 22.4 21.2 31.8
59 9.8 9.0 13.6

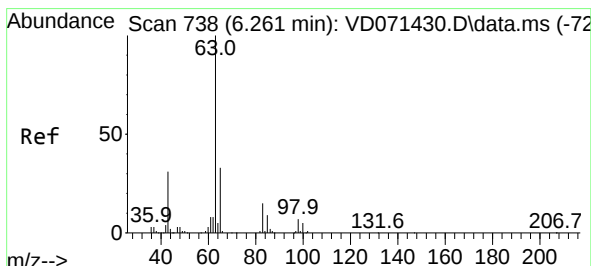
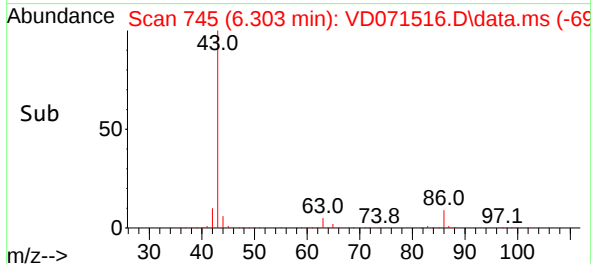
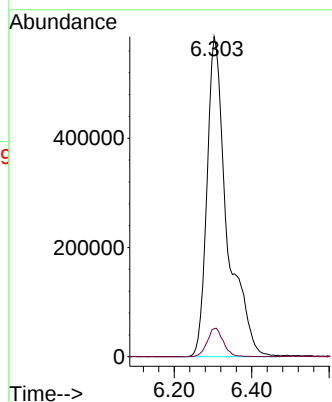
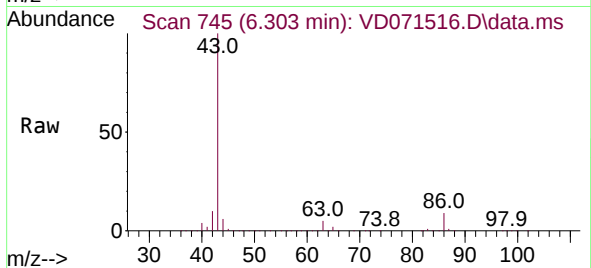




#23
 Vinyl Acetate
 Concen: 275.730 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

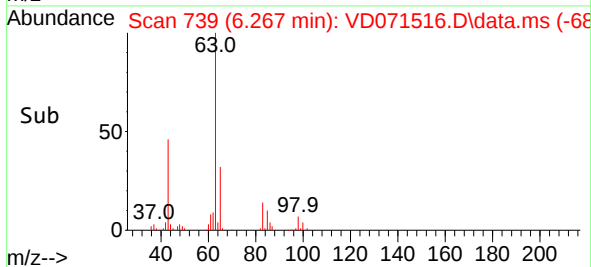
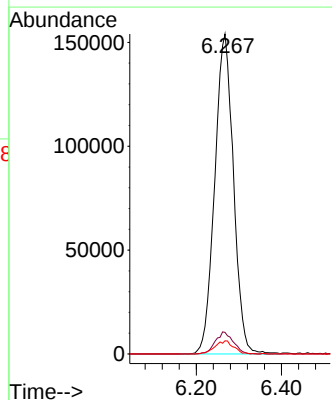
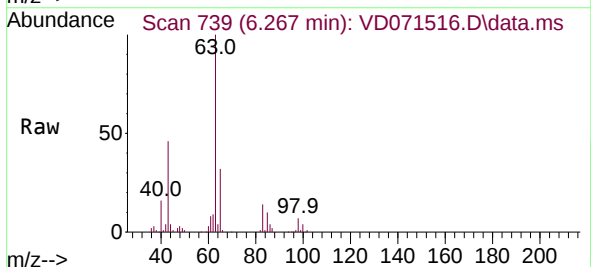
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

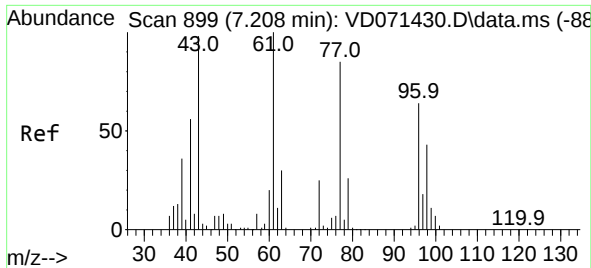
Tgt Ion: 43 Resp: 2108806
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 55.384 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

Tgt Ion: 63 Resp: 471056
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.1 2.1 6.3

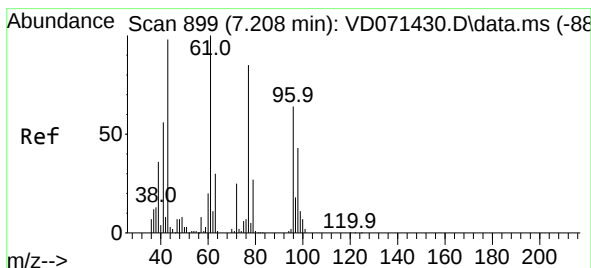
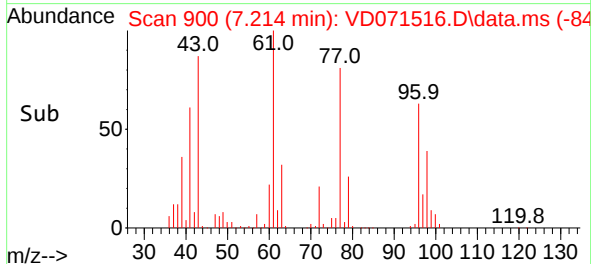
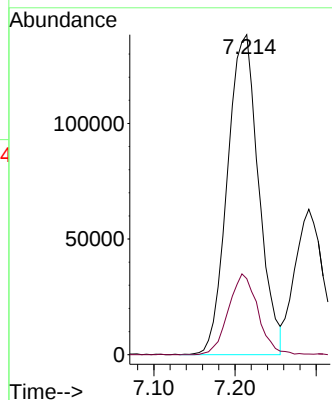
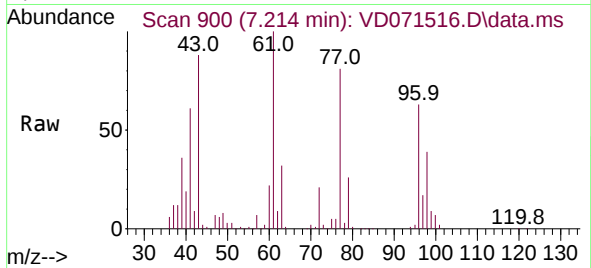




#25
2-Butanone
Concen: 251.433 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

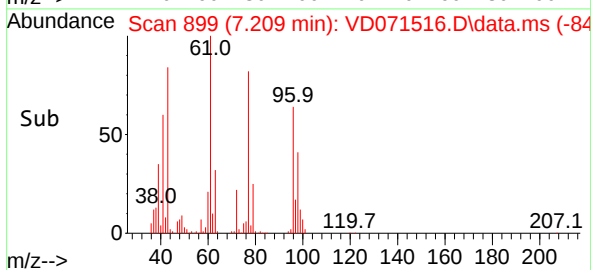
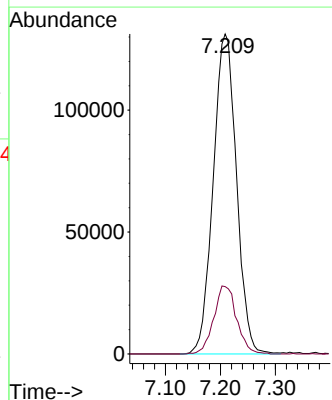
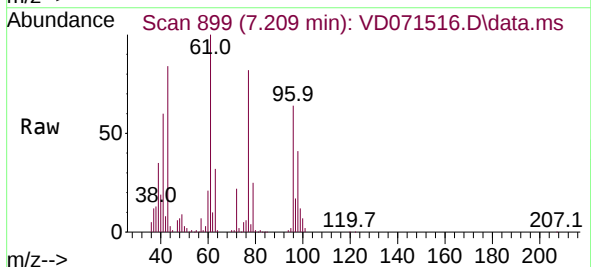
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

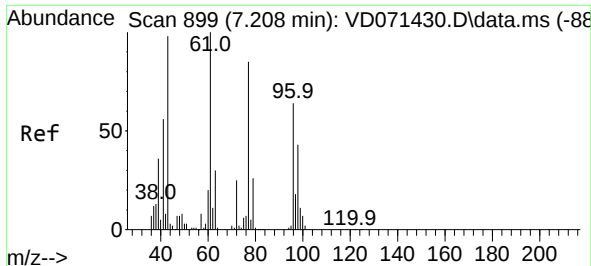
Tgt Ion: 43 Resp: 370510
Ion Ratio Lower Upper
43 100
72 23.8 23.8 35.6



#26
2,2-Dichloropropane
Concen: 55.235 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 77 Resp: 386007
Ion Ratio Lower Upper
77 100
97 20.9 11.9 35.5

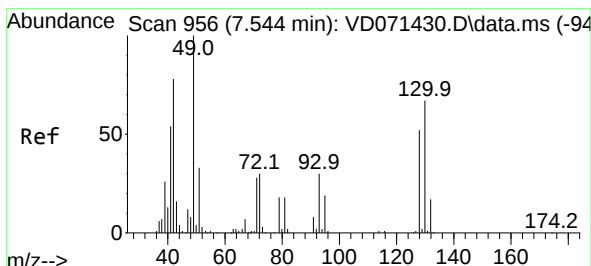
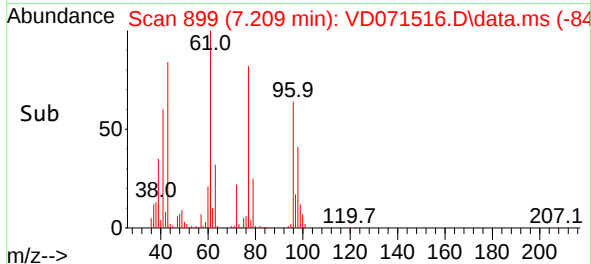
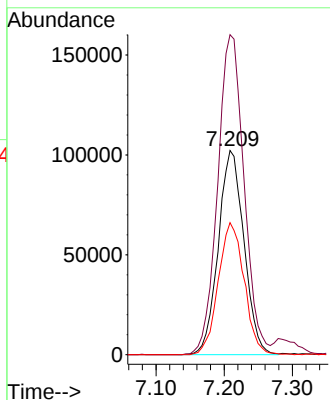
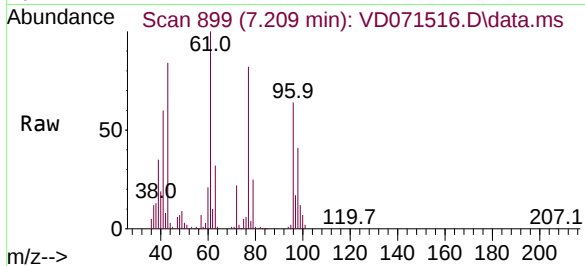




#27
 cis-1,2-Dichloroethene
 Concen: 54.293 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.001 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

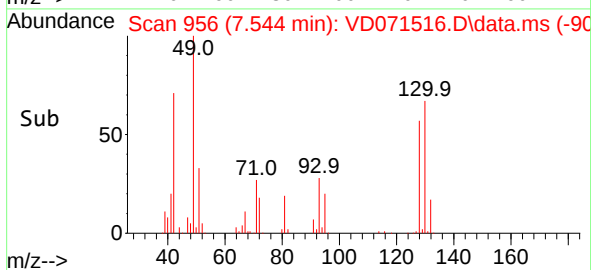
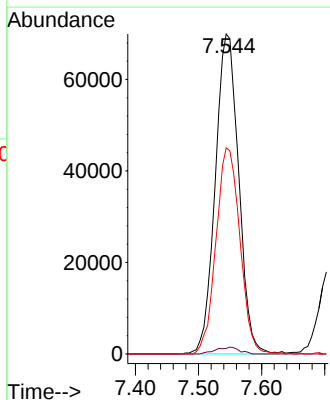
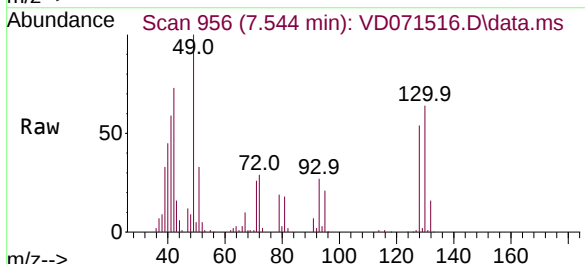
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

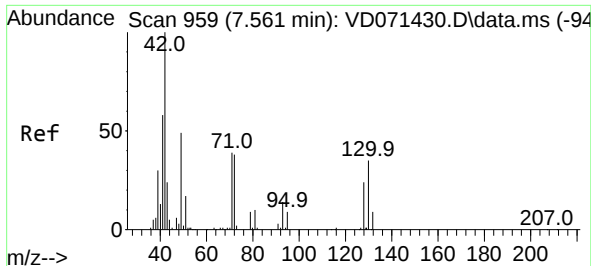
Tgt Ion: 96 Resp: 267996
 Ion Ratio Lower Upper
 96 100
 61 161.1 0.0 288.6
 98 65.2 0.0 129.2



#28
 Bromochloromethane
 Concen: 51.628 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

Tgt Ion: 49 Resp: 179942
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 65.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 255.113 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

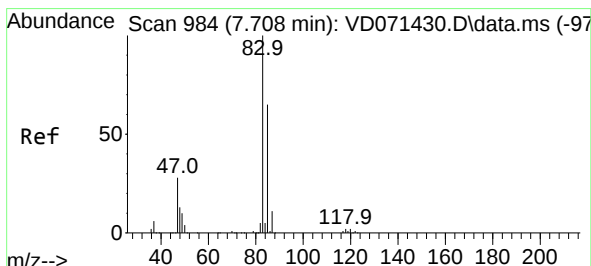
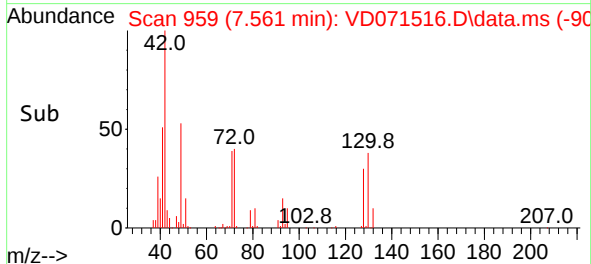
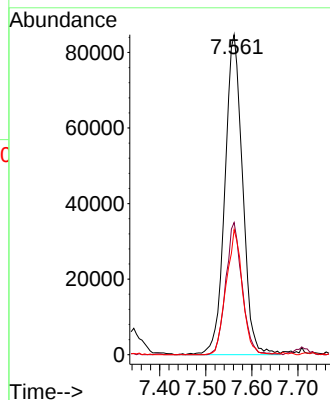
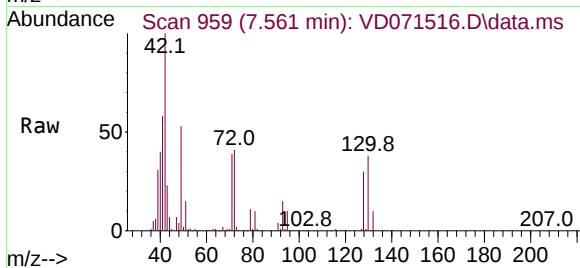
Tgt Ion: 42 Resp: 225714

Ion Ratio Lower Upper

42 100

72 38.1 33.7 50.5

71 35.9 32.7 49.1



#30

Chloroform

Concen: 55.499 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.007 min

Lab File: VD071516.D

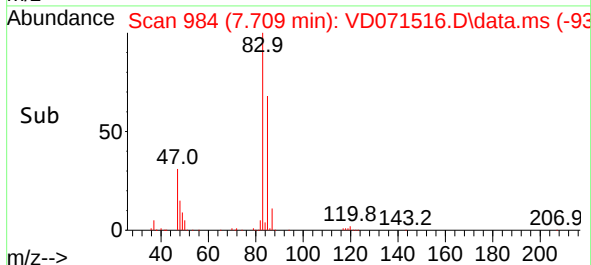
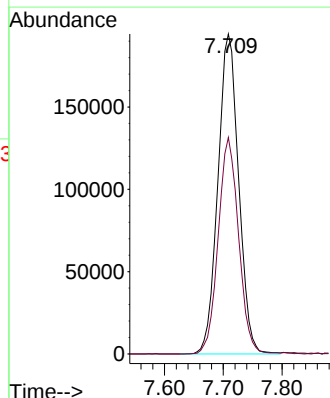
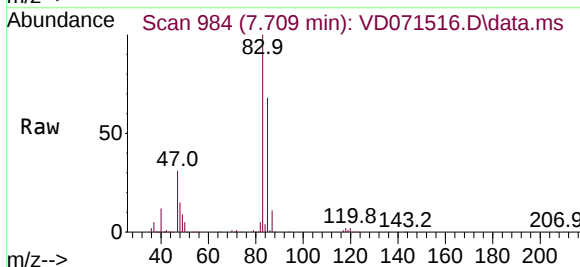
Acq: 28 Dec 2021 21:19

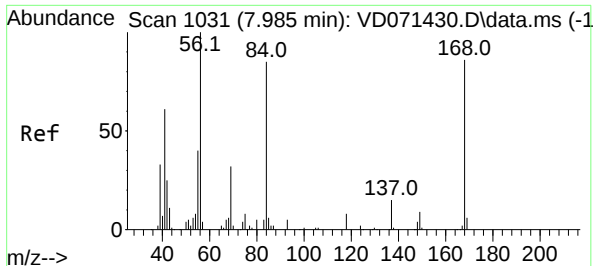
Tgt Ion: 83 Resp: 476283

Ion Ratio Lower Upper

83 100

85 67.6 51.0 76.6





#31

Cyclohexane

Concen: 45.357 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

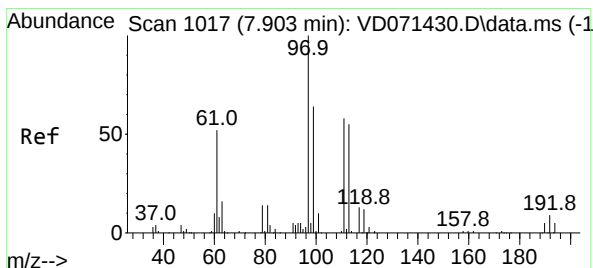
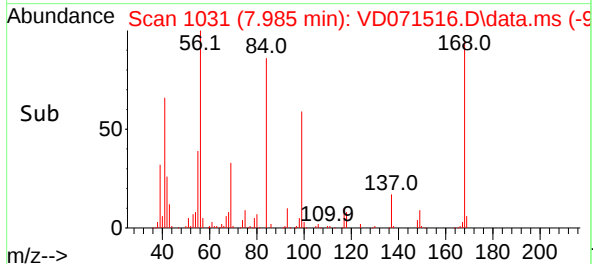
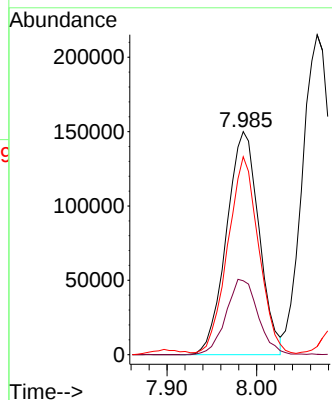
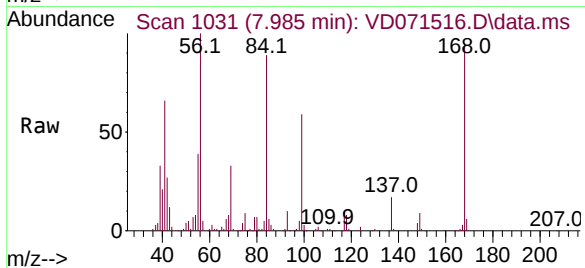
Tgt Ion: 56 Resp: 378443

Ion Ratio Lower Upper

56 100

69 33.1 25.9 38.9

84 87.5 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 54.815 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.001 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

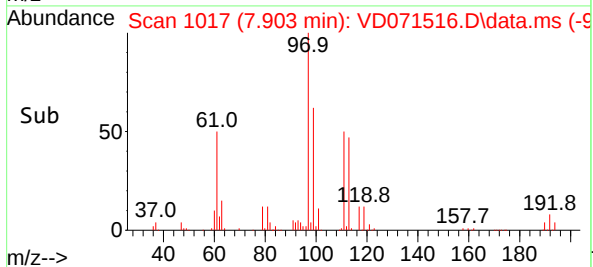
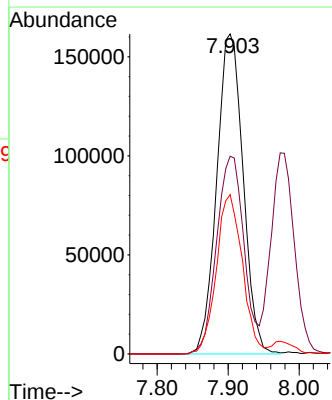
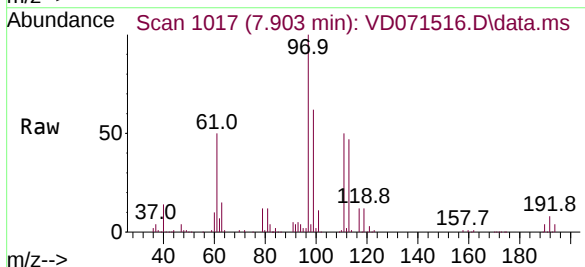
Tgt Ion: 97 Resp: 417203

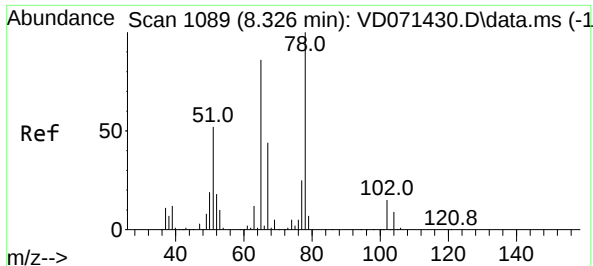
Ion Ratio Lower Upper

97 100

99 64.2 50.3 75.5

61 49.3 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 54.149 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

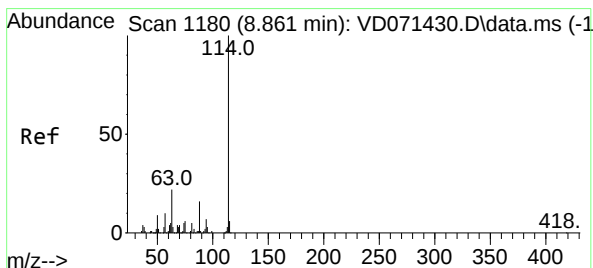
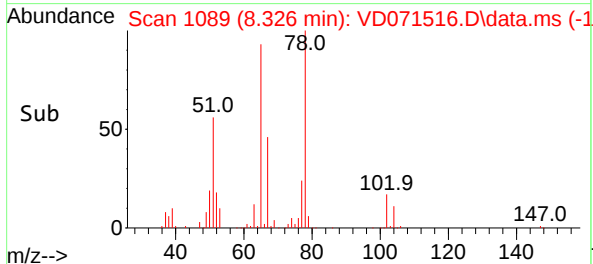
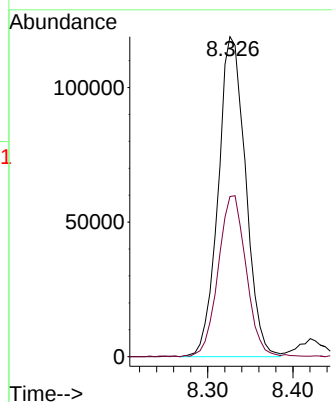
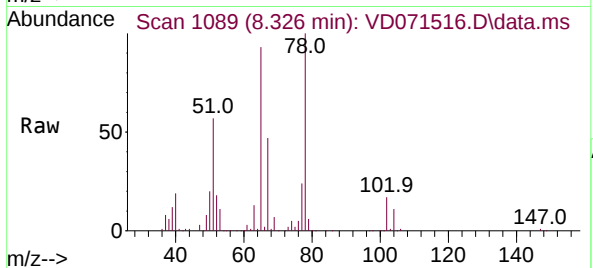
VSTDCCC050EC

Tgt Ion: 65 Resp: 265960

Ion Ratio Lower Upper

65 100

67 51.4 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

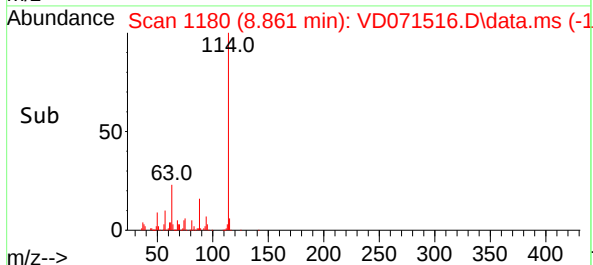
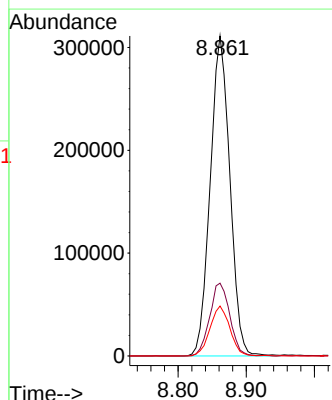
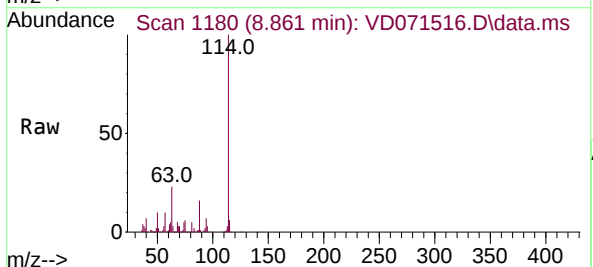
Tgt Ion: 114 Resp: 624413

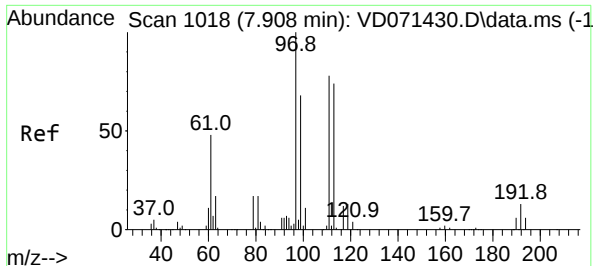
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 56.304 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

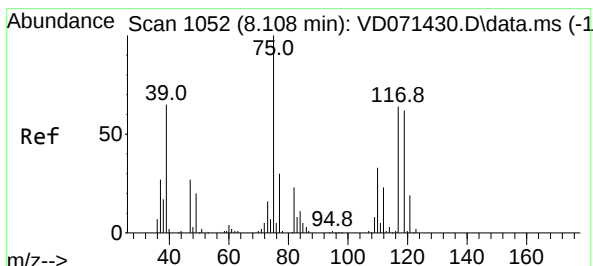
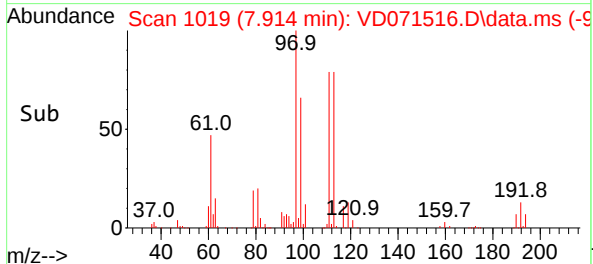
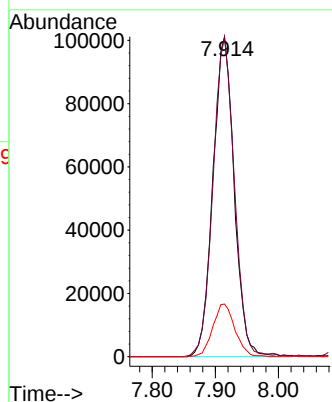
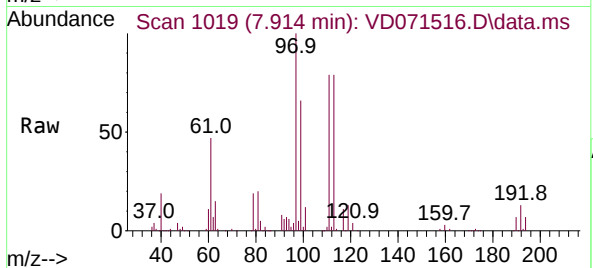
Tgt Ion:113 Resp: 236284

Ion Ratio Lower Upper

113 100

111 100.8 82.0 123.0

192 17.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 51.628 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

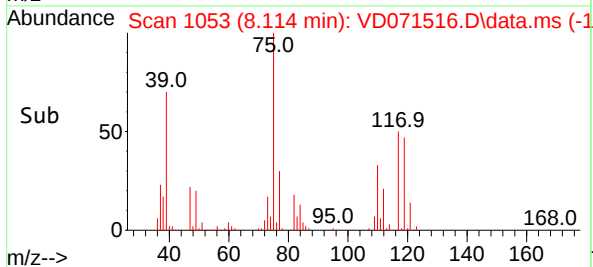
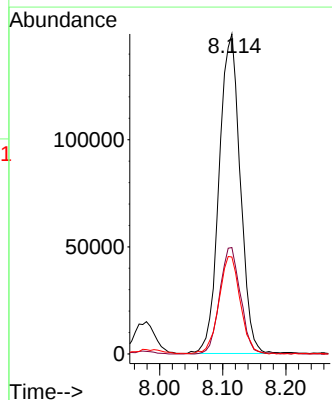
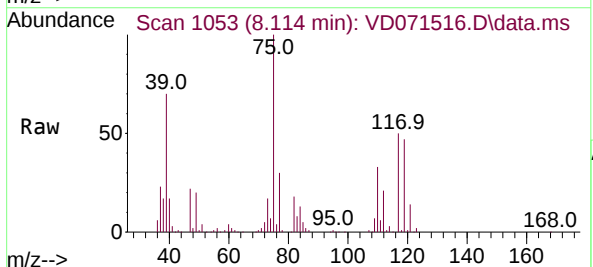
Tgt Ion: 75 Resp: 346141

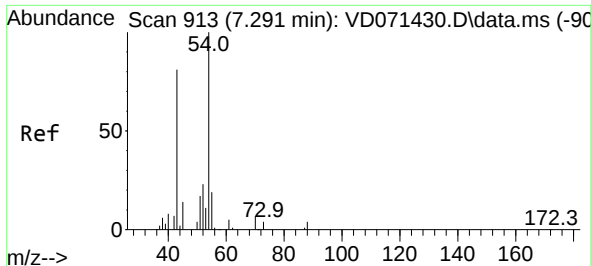
Ion Ratio Lower Upper

75 100

110 32.8 17.8 53.4

77 31.0 24.8 37.2

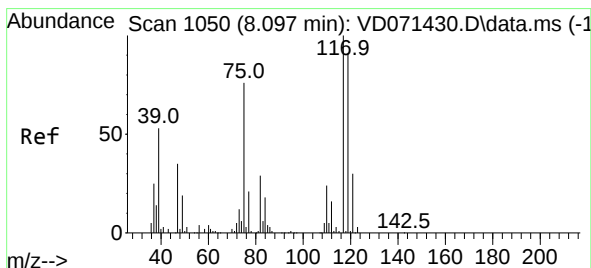
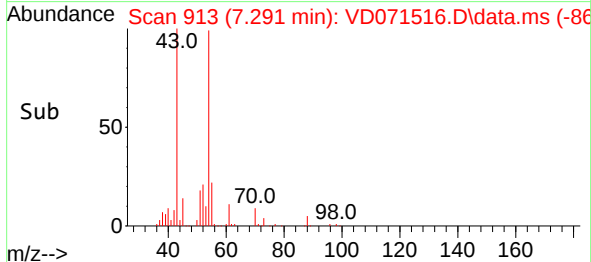
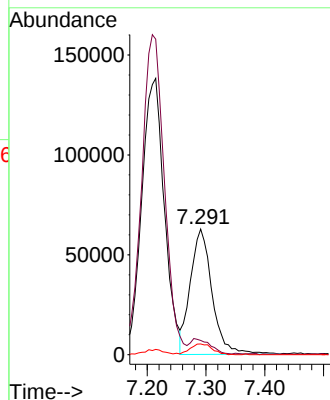
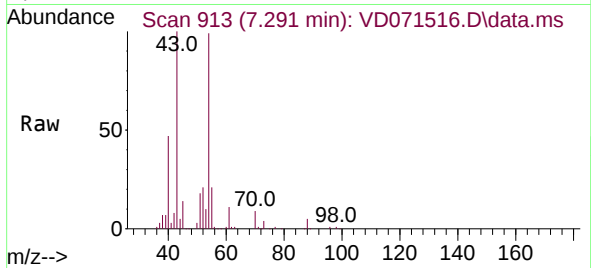




#37
Ethyl Acetate
Concen: 52.160 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

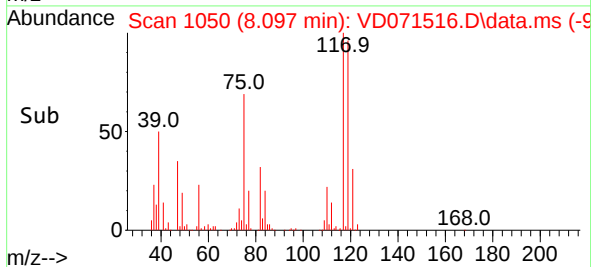
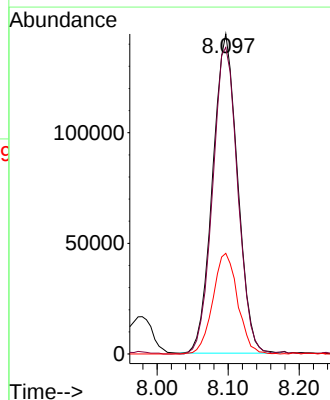
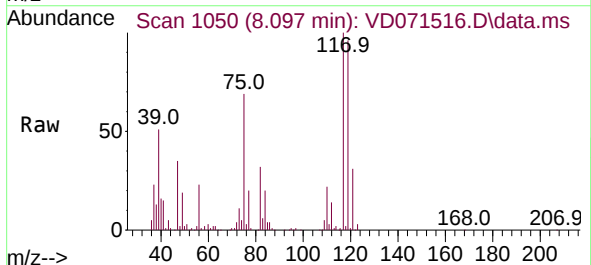
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

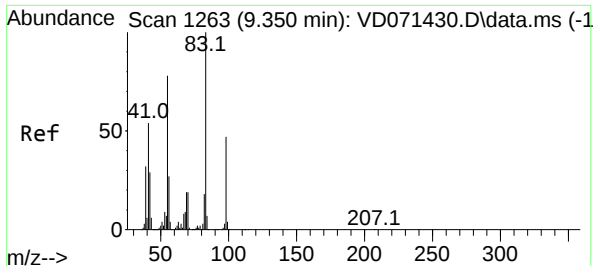
Tgt Ion: 43 Resp: 161450
Ion Ratio Lower Upper
43 100
61 11.1 13.0 19.6#
70 8.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 53.104 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 117 Resp: 351266
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6
121 31.5 23.6 35.4





#39

Methylcyclohexane

Concen: 48.420 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

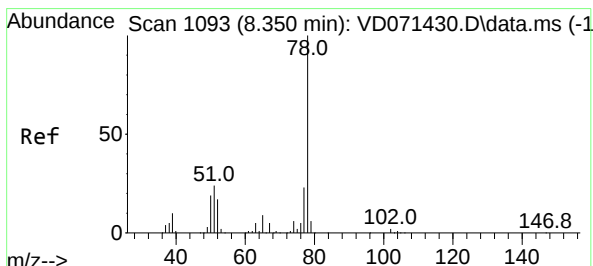
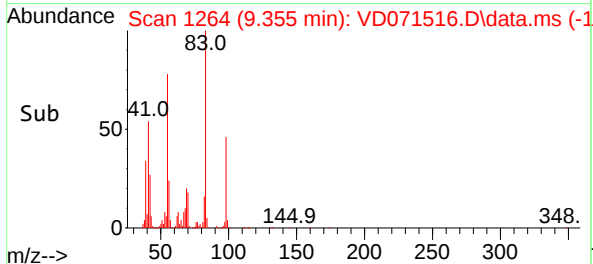
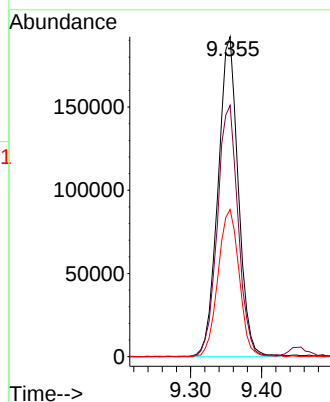
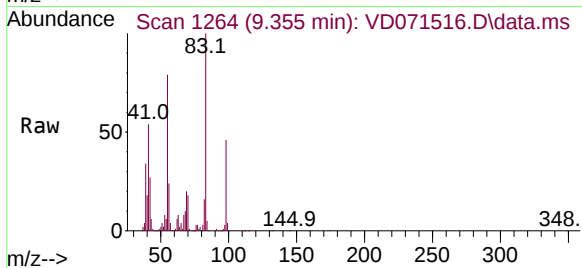
Tgt Ion: 83 Resp: 380019

Ion Ratio Lower Upper

83 100

55 78.4 65.8 98.8

98 46.0 38.7 58.1



#40

Benzene

Concen: 52.916 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071516.D

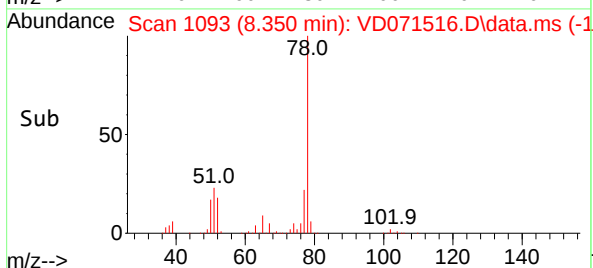
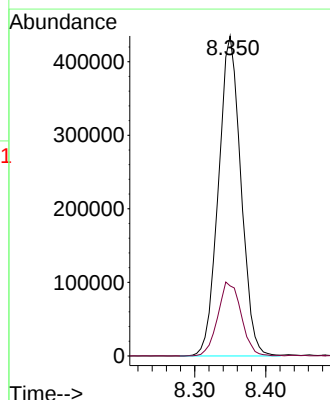
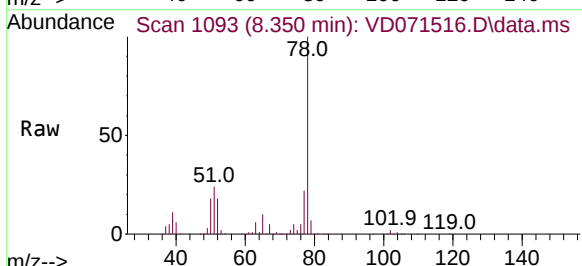
Acq: 28 Dec 2021 21:19

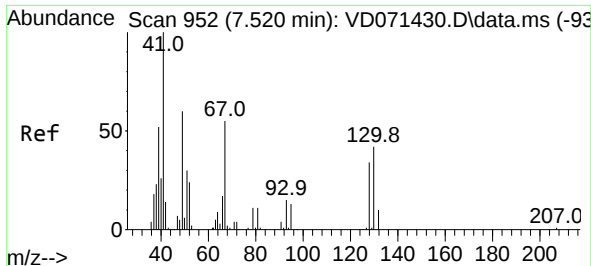
Tgt Ion: 78 Resp: 953747

Ion Ratio Lower Upper

78 100

77 21.9 19.1 28.7

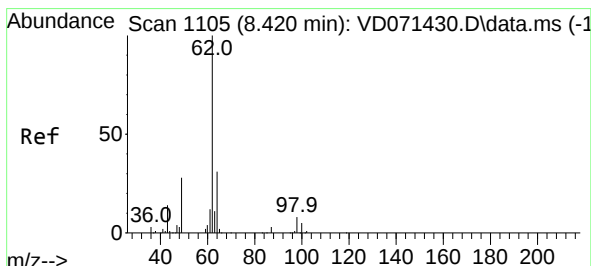
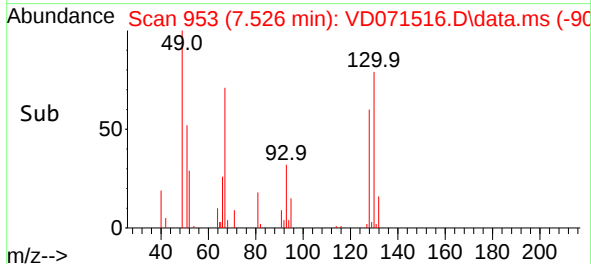
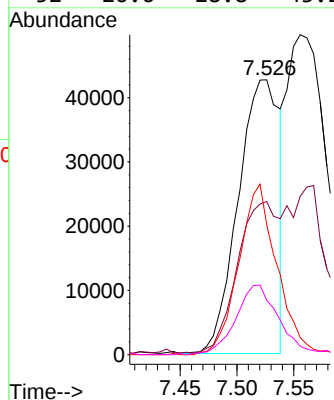
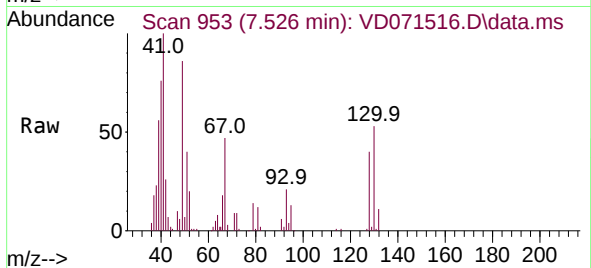




#41
Methacrylonitrile
Concen: 58.384 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

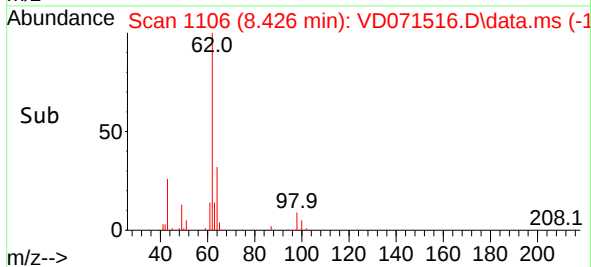
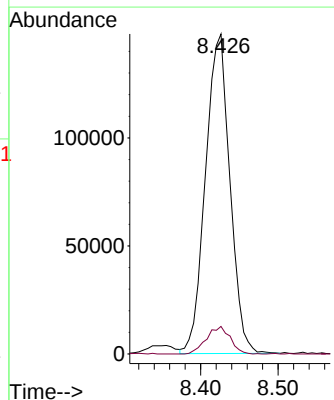
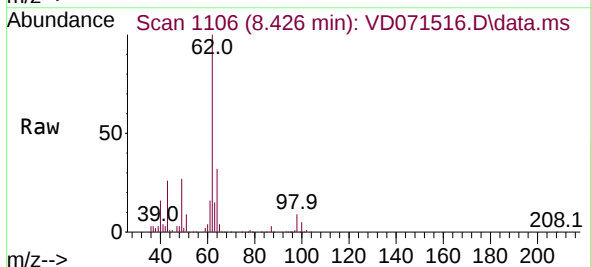
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

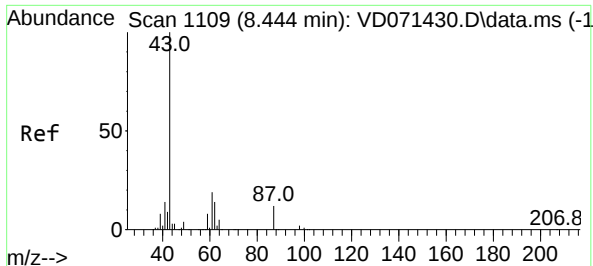
Tgt Ion: 41 Resp: 107340
Ion Ratio Lower Upper
41 100
39 55.7 60.2 90.4#
67 58.0 74.8 112.2#
52 26.6 28.8 43.2#



#42
1,2-Dichloroethane
Concen: 55.163 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 62 Resp: 324210
Ion Ratio Lower Upper
62 100
98 8.4 0.0 21.8





#43

Isopropyl Acetate

Concen: 51.391 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

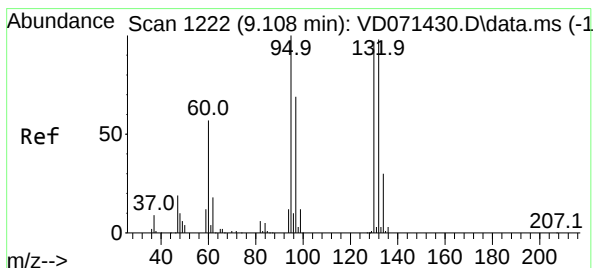
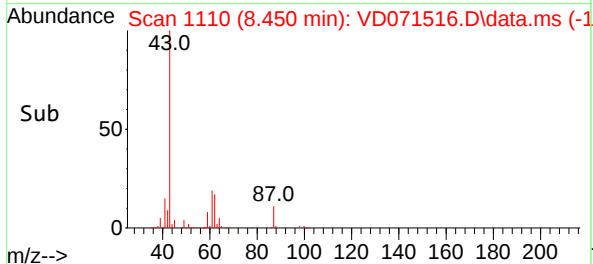
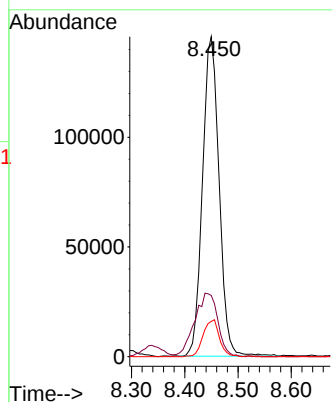
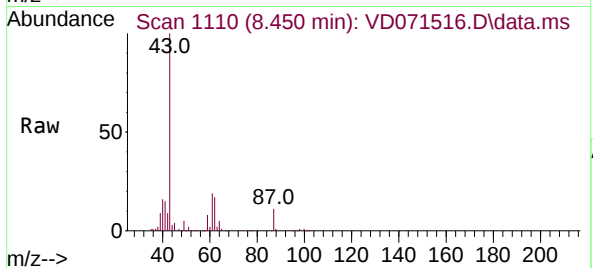
Tgt Ion: 43 Resp: 315677

Ion Ratio Lower Upper

43 100

61 27.8 28.2 42.4#

87 11.3 10.7 16.1



#44

Trichloroethene

Concen: 51.949 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD071516.D

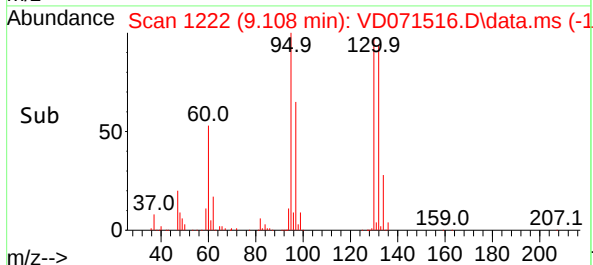
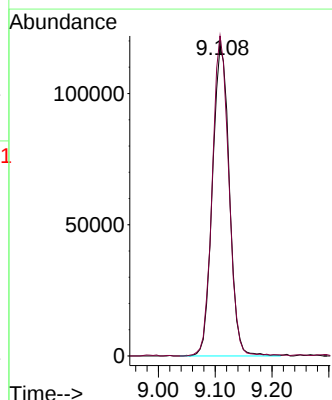
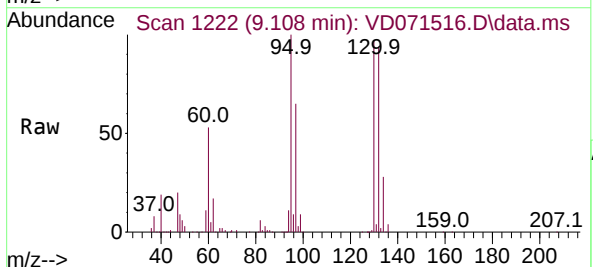
Acq: 28 Dec 2021 21:19

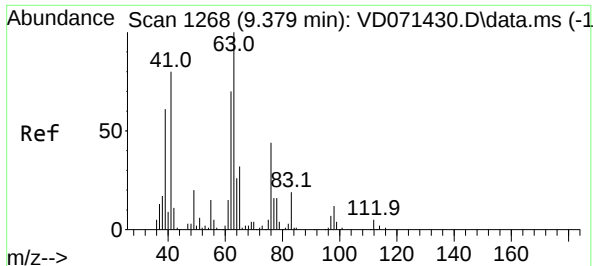
Tgt Ion:130 Resp: 243997

Ion Ratio Lower Upper

130 100

95 103.3 0.0 193.2





#45

1,2-Dichloropropane

Concen: 52.901 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

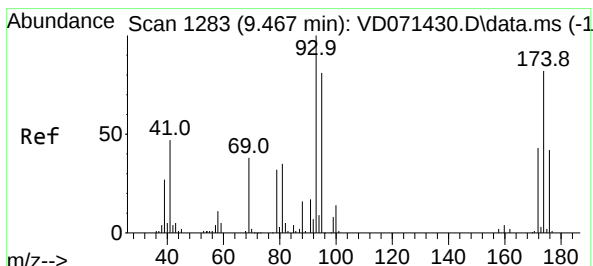
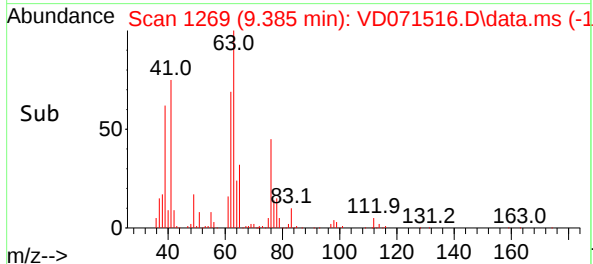
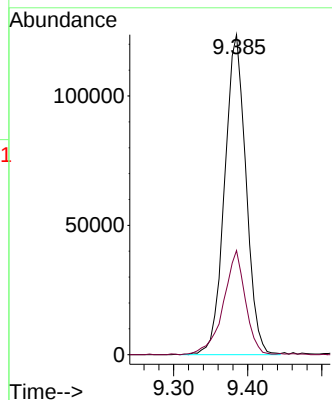
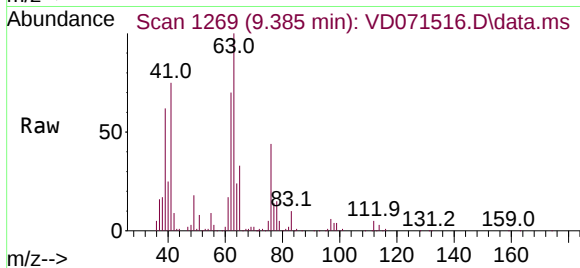
VSTDCCC050EC

Tgt Ion: 63 Resp: 247415

Ion Ratio Lower Upper

63 100

65 32.6 24.2 36.2



#46

Dibromomethane

Concen: 51.441 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

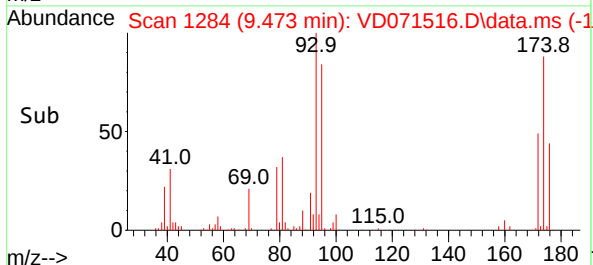
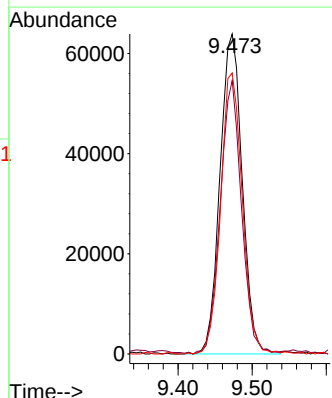
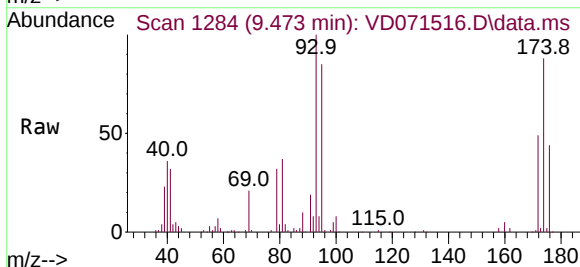
Tgt Ion: 93 Resp: 132917

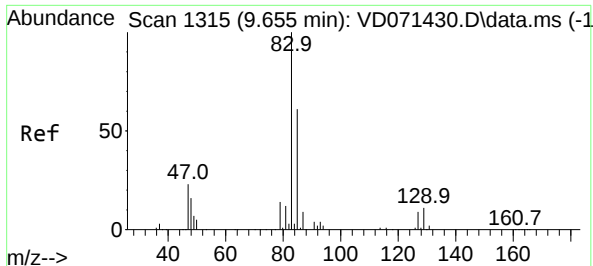
Ion Ratio Lower Upper

93 100

95 81.7 66.1 99.1

174 86.2 78.6 117.8





#47

Bromodichloromethane

Concen: 54.606 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

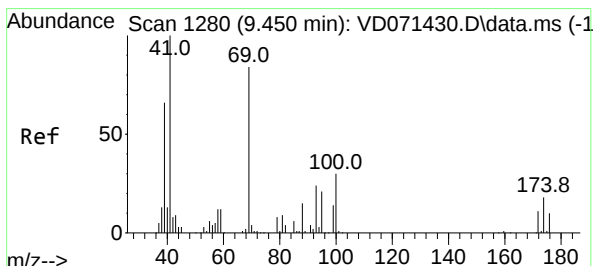
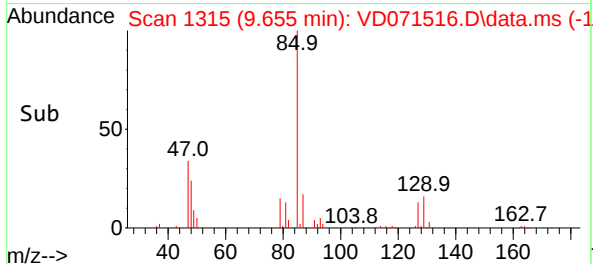
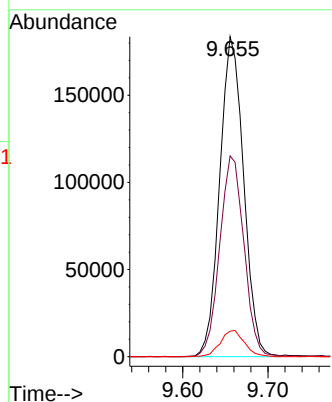
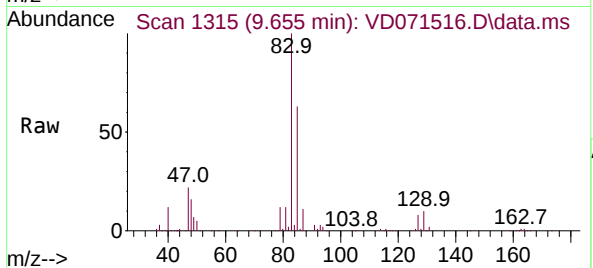
Tgt Ion: 83 Resp: 358222

Ion Ratio Lower Upper

83 100

85 62.7 50.0 75.0

127 7.9 7.3 10.9



#48

Methyl methacrylate

Concen: 52.087 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.001 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

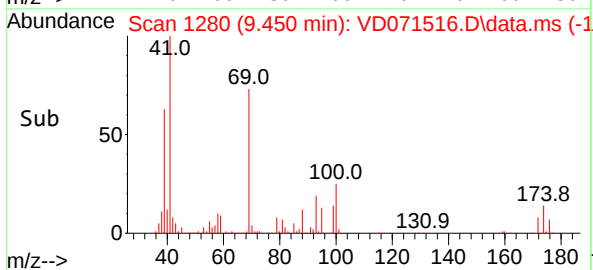
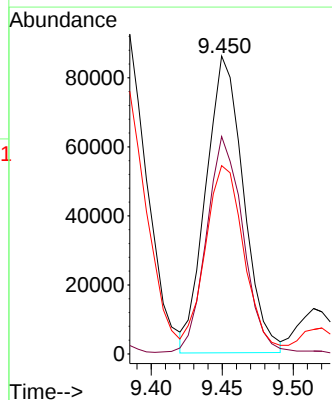
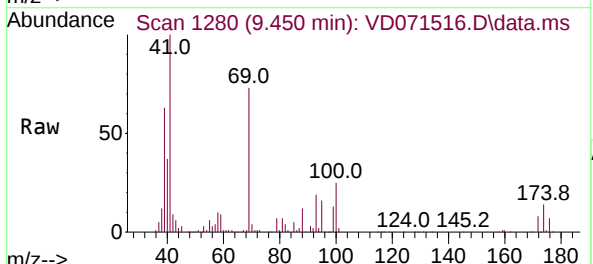
Tgt Ion: 41 Resp: 158329

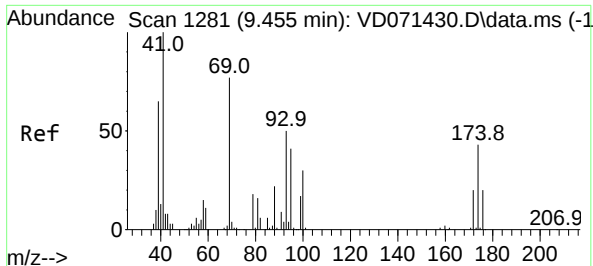
Ion Ratio Lower Upper

41 100

69 71.7 69.8 104.6

39 59.7 35.6 53.4#

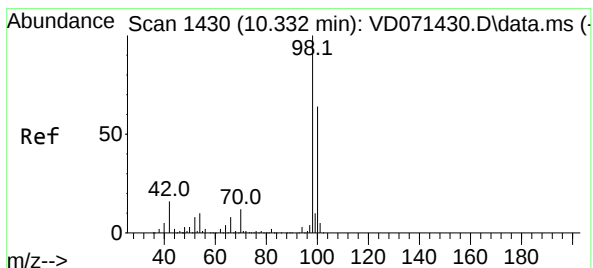
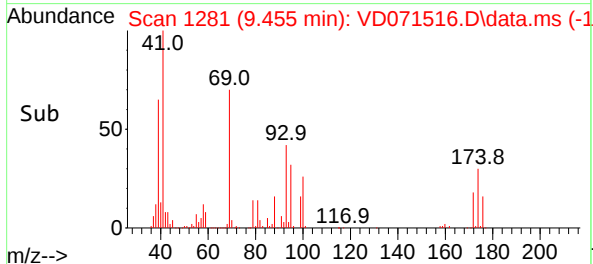
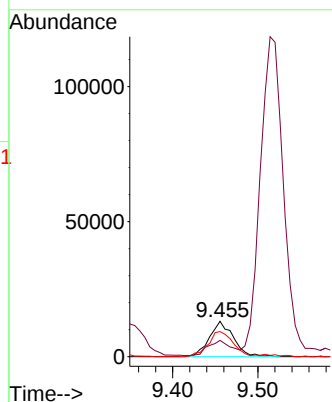
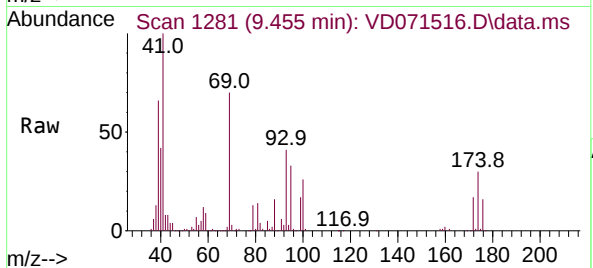




#49
1,4-Dioxane
Concen: 879.872 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

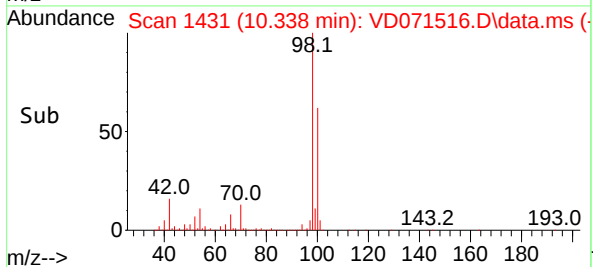
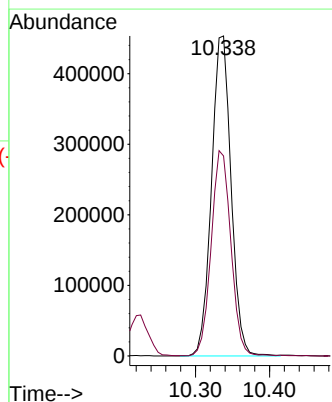
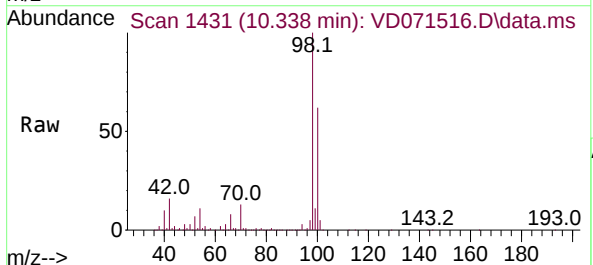
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

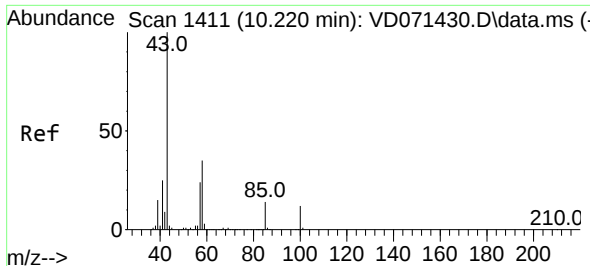
Tgt Ion: 88 Resp: 25691
Ion Ratio Lower Upper
88 100
43 41.1 28.9 43.3
58 74.5 56.3 84.5



#50
Toluene-d8
Concen: 52.416 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 98 Resp: 831251
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

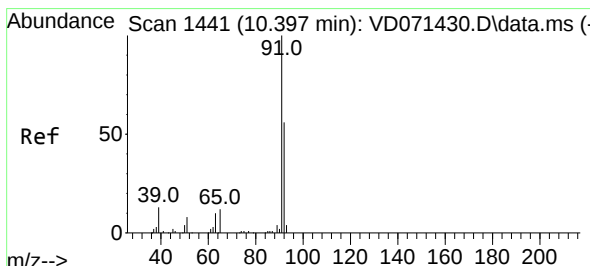
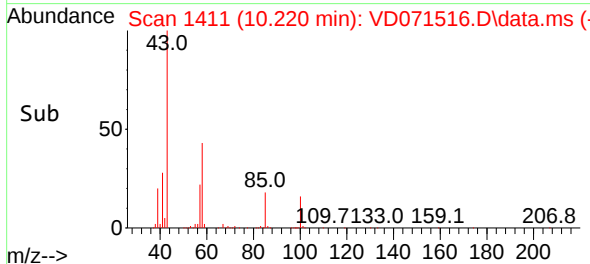
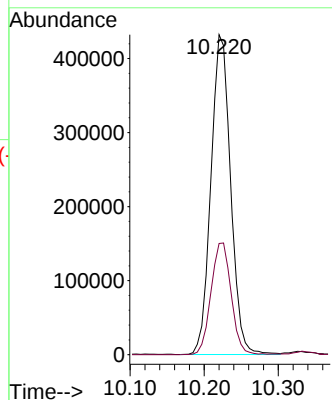
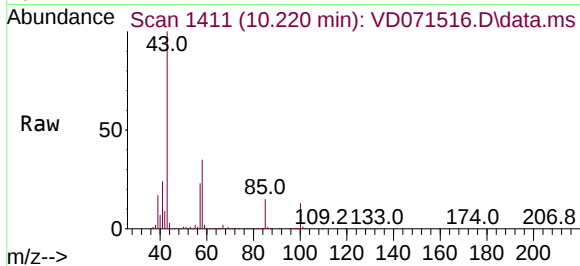




#51
4-Methyl-2-Pentanone
Concen: 246.932 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

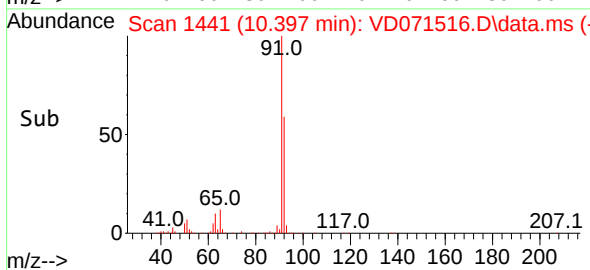
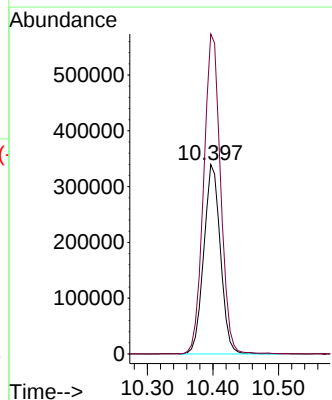
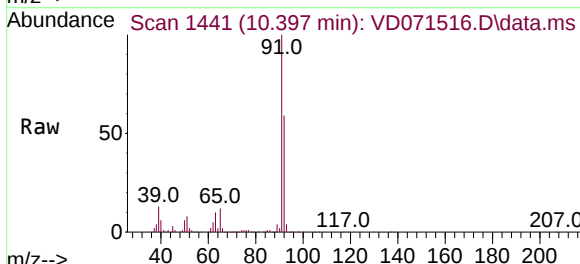
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

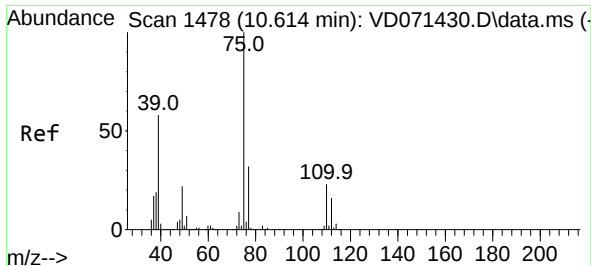
Tgt Ion: 43 Resp: 798009
Ion Ratio Lower Upper
43 100
58 35.8 33.1 49.7



#52
Toluene
Concen: 52.406 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 92 Resp: 600012
Ion Ratio Lower Upper
92 100
91 171.8 140.7 211.1

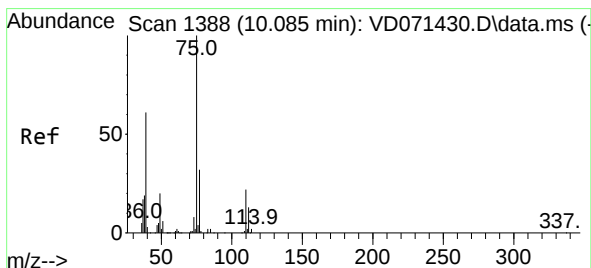
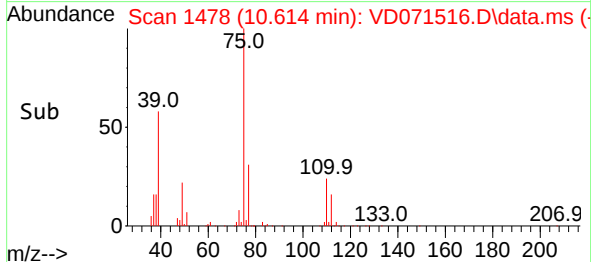
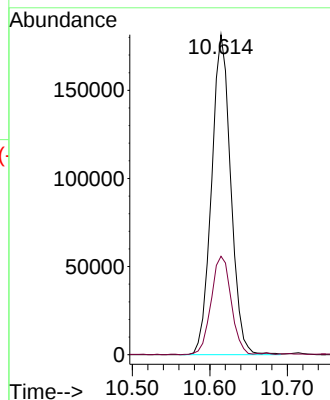
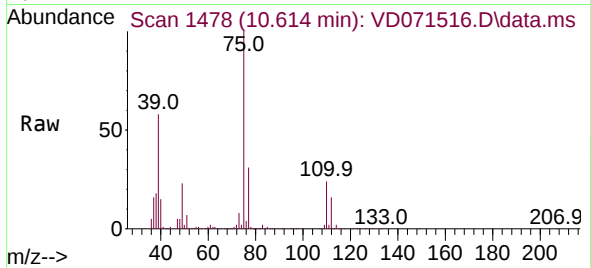




#53
t-1,3-Dichloropropene
Concen: 50.983 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

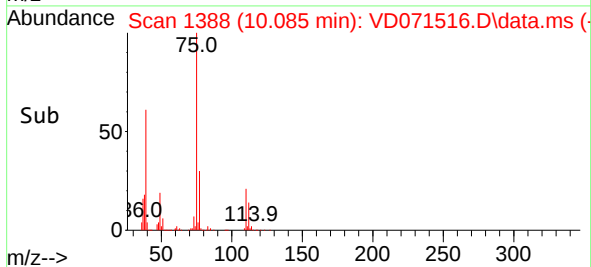
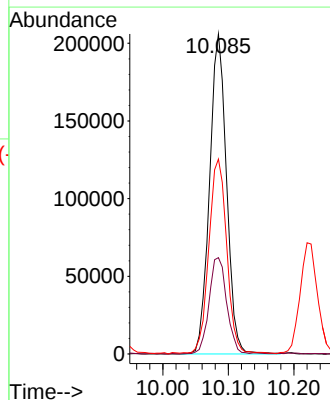
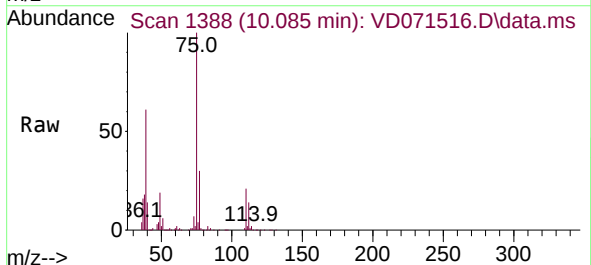
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

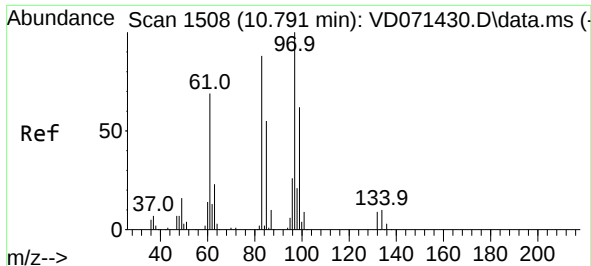
Tgt Ion: 75 Resp: 312319
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.356 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 75 Resp: 370621
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6
39 60.6 31.6 47.4#

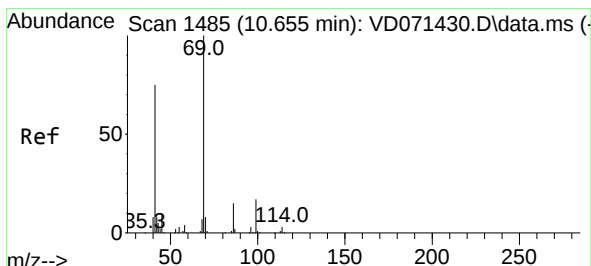
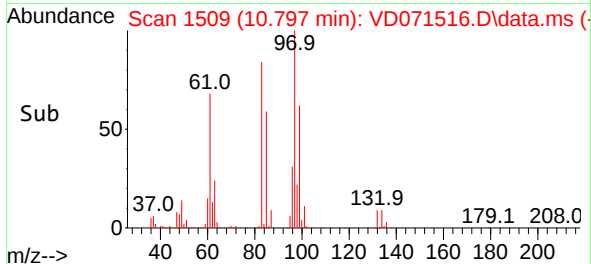
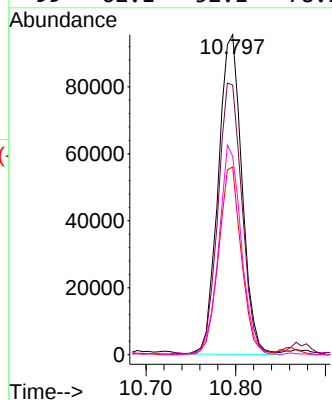
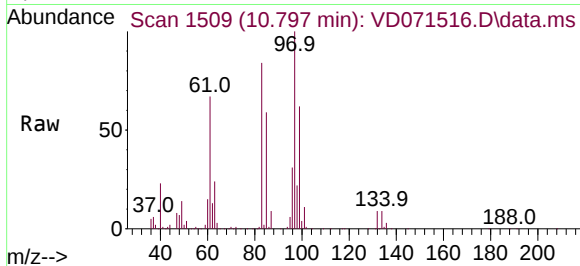




#55
1,1,2-Trichloroethane
Concen: 53.411 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

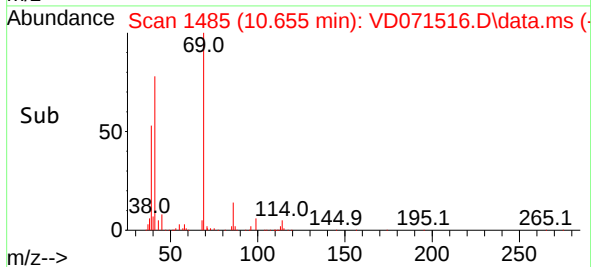
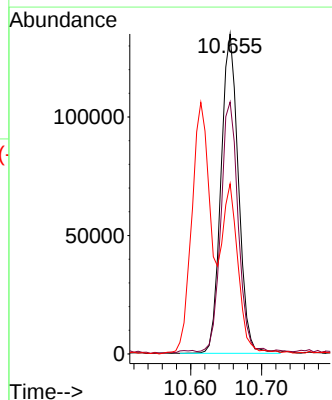
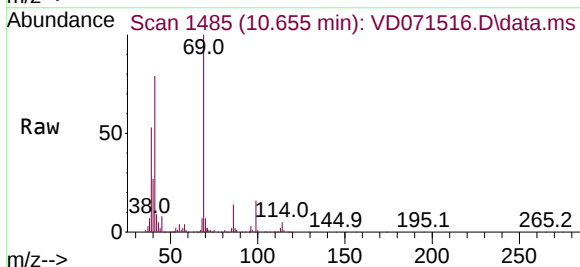
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

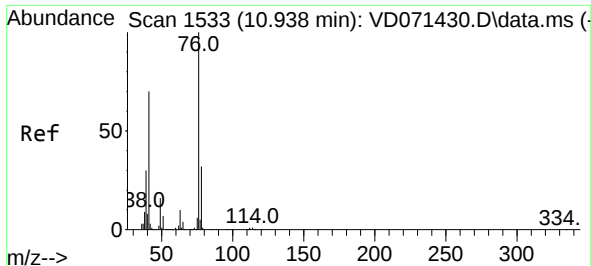
Tgt Ion:	97	Resp:	175175
Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.2	97.8
85	58.8	43.4	65.0
99	62.1	52.1	78.1



#56
Ethyl methacrylate
Concen: 53.123 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:	69	Resp:	229276
Ion	Ratio	Lower	Upper
69	100		
41	76.8	50.2	75.2#
39	47.5	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 51.936 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

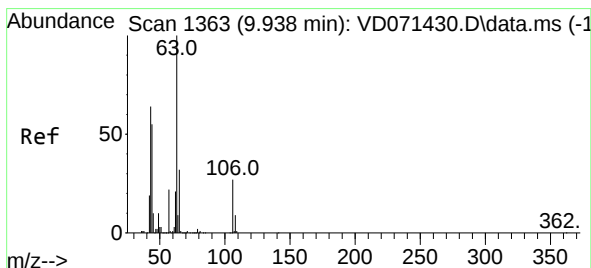
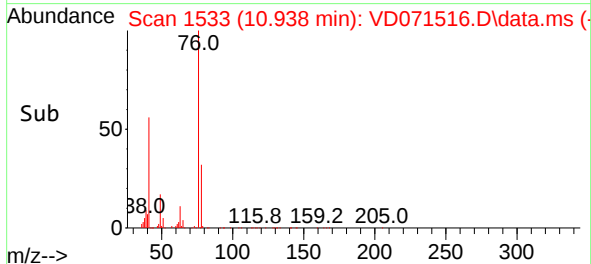
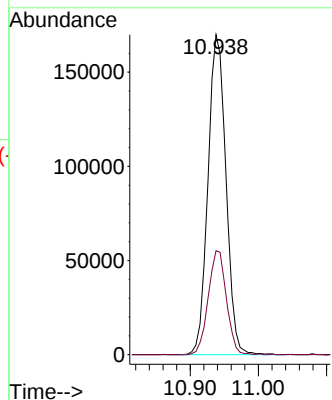
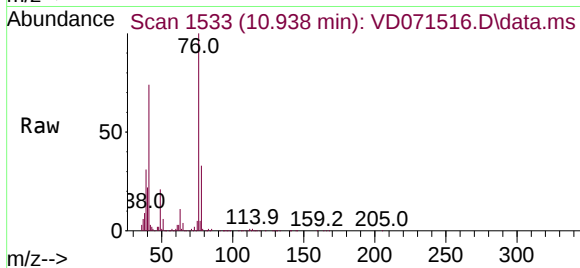
VSTDCCC050EC

Tgt Ion: 76 Resp: 312004

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 259.935 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071516.D

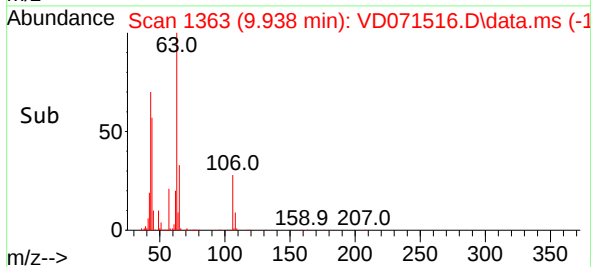
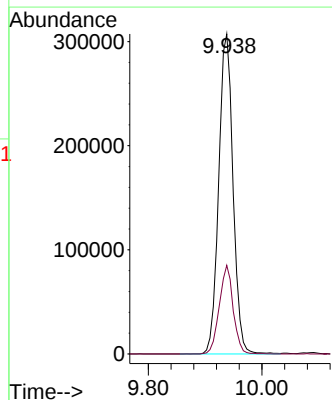
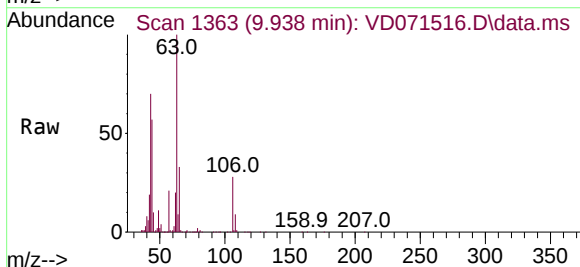
Acq: 28 Dec 2021 21:19

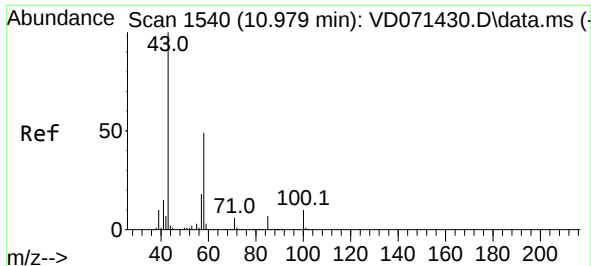
Tgt Ion: 63 Resp: 537389

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4

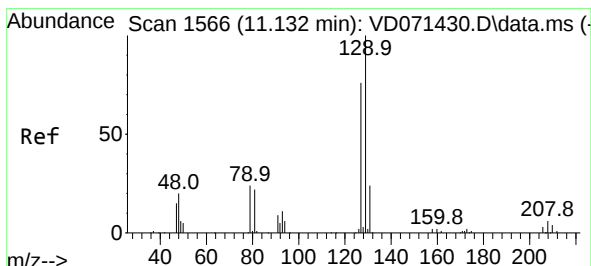
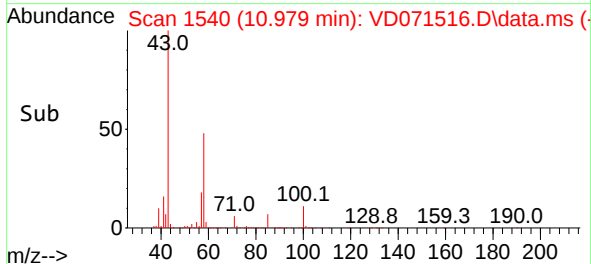
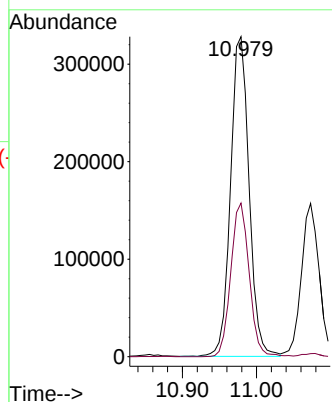
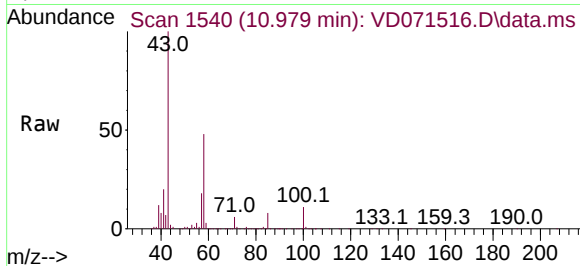




#59
2-Hexanone
Concen: 248.862 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

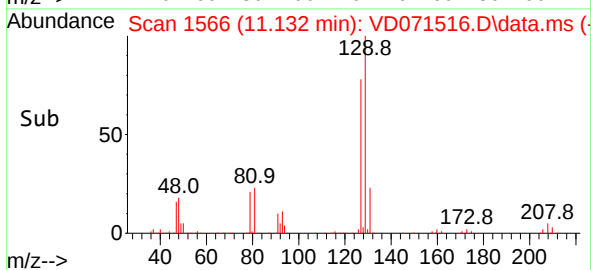
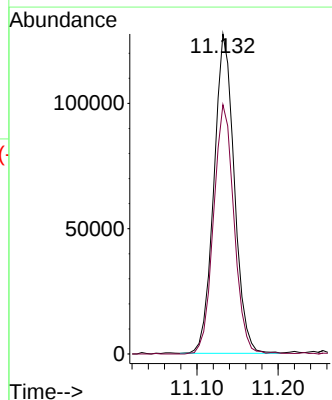
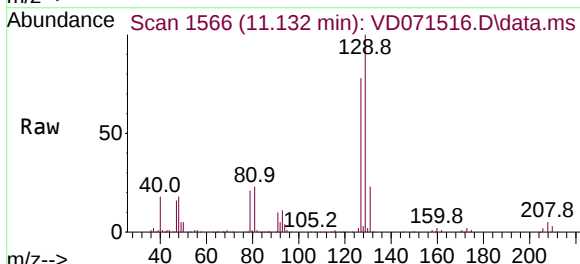
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

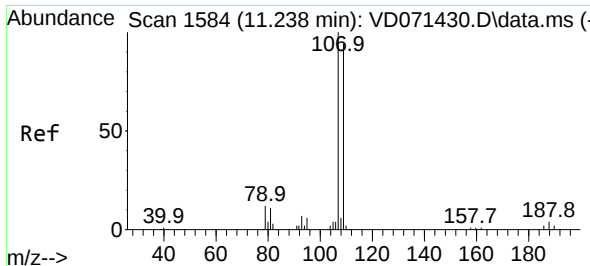
Tgt Ion: 43 Resp: 568482
Ion Ratio Lower Upper
43 100
58 47.9 28.7 86.1



#60
Dibromochloromethane
Concen: 53.961 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 129 Resp: 222473
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6

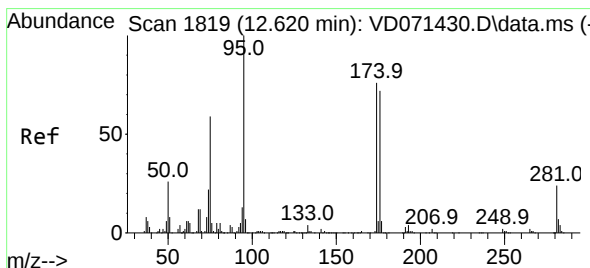
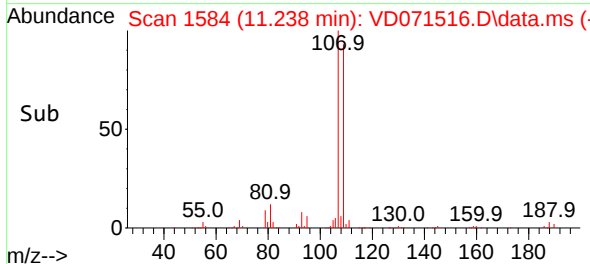
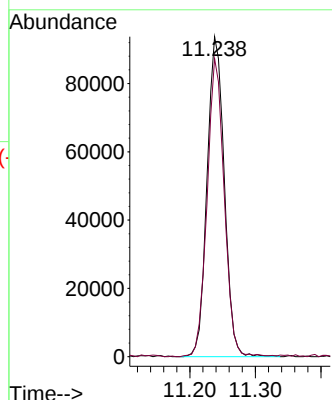
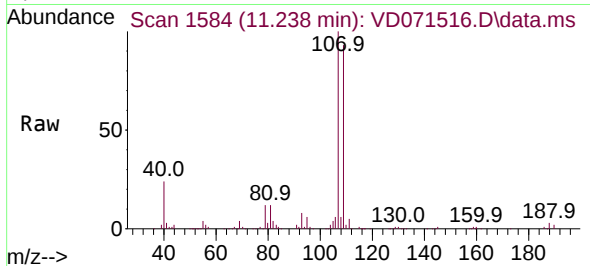




#61
1,2-Dibromoethane
Concen: 52.698 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

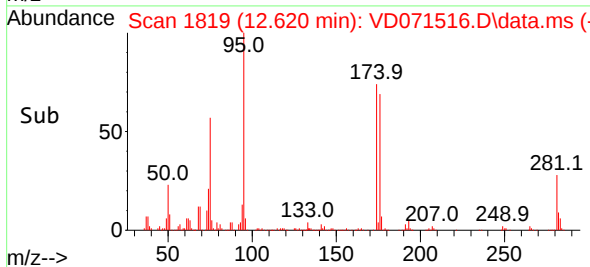
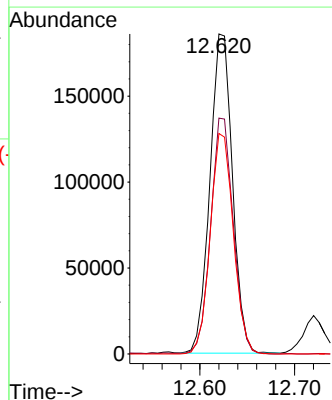
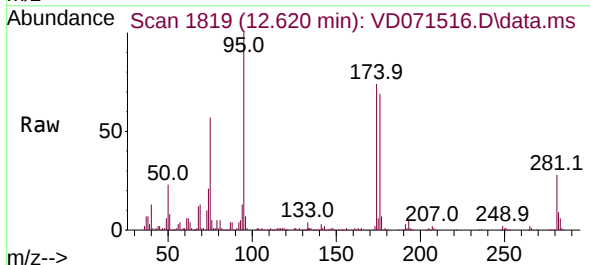
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

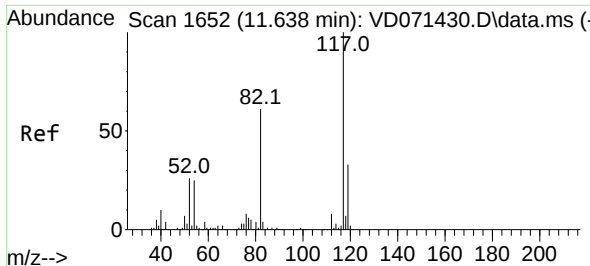
Tgt Ion:107 Resp: 171188
Ion Ratio Lower Upper
107 100
109 92.6 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 54.408 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 95 Resp: 306609
Ion Ratio Lower Upper
95 100
174 74.3 0.0 159.4
176 70.8 0.0 154.0

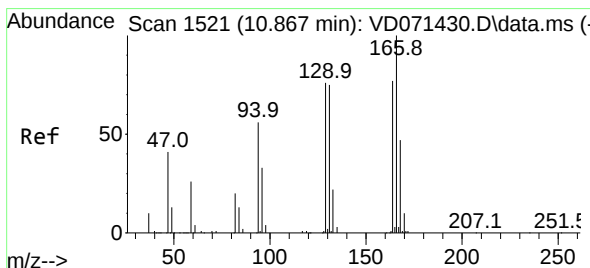
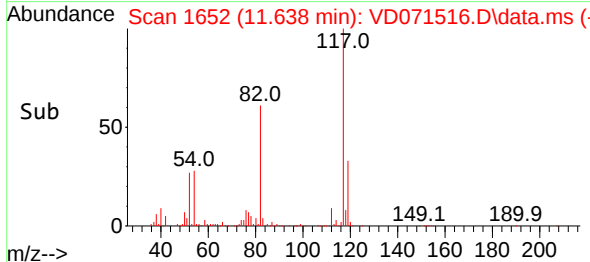
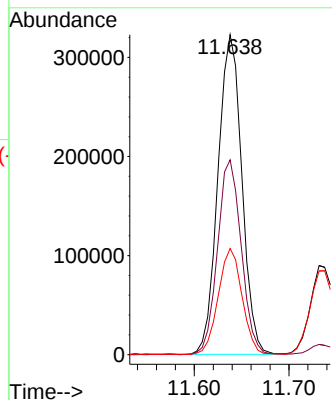
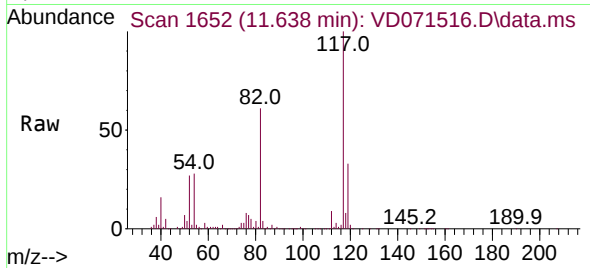




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

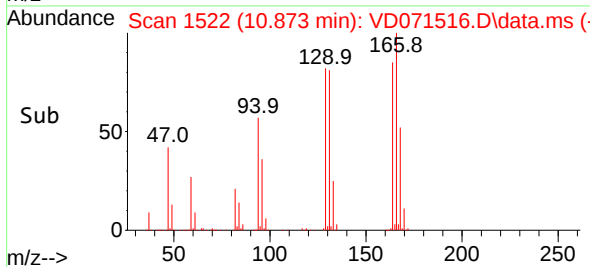
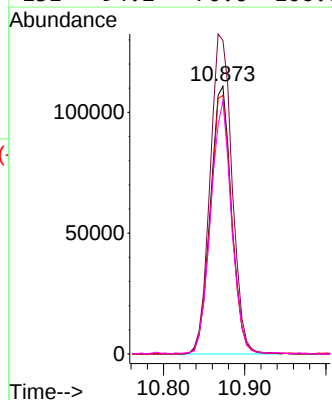
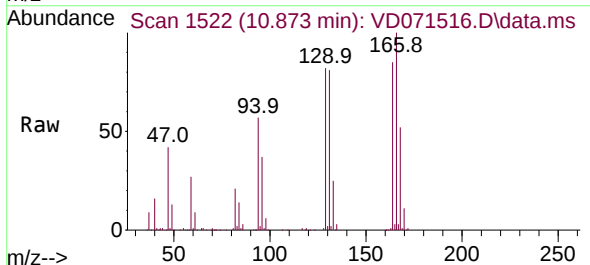
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

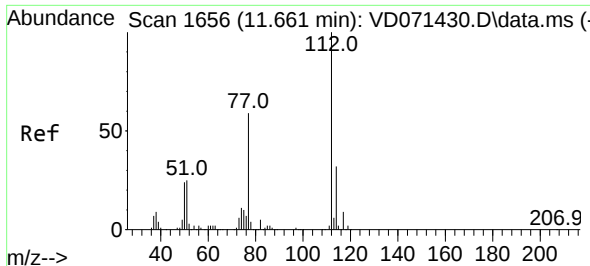
Tgt Ion:117 Resp: 566559
Ion Ratio Lower Upper
117 100
82 60.9 44.7 67.1
119 33.1 26.2 39.4



#64
Tetrachloroethene
Concen: 50.810 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:164 Resp: 200045
Ion Ratio Lower Upper
164 100
166 117.1 102.6 153.8
129 96.6 75.4 113.0
131 94.2 70.6 106.0

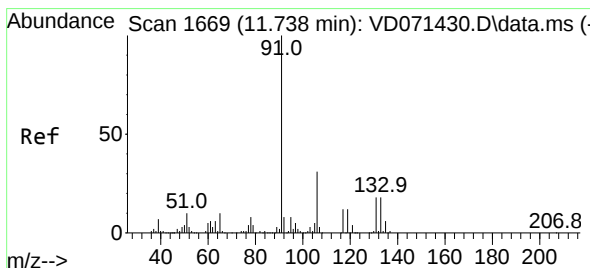
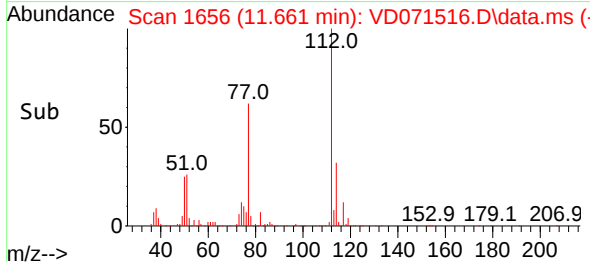
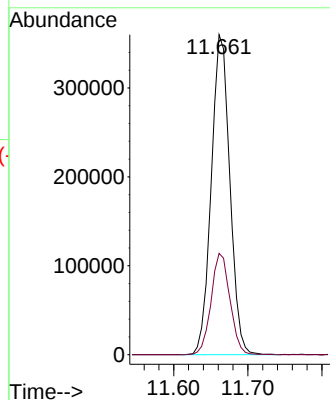
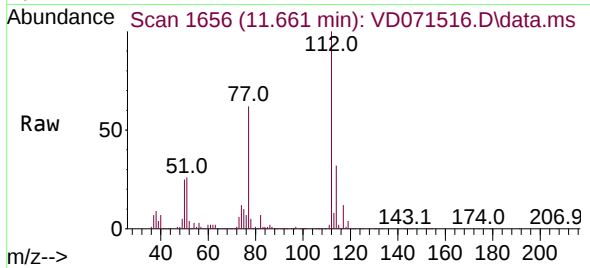




#65
Chlorobenzene
Concen: 53.885 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

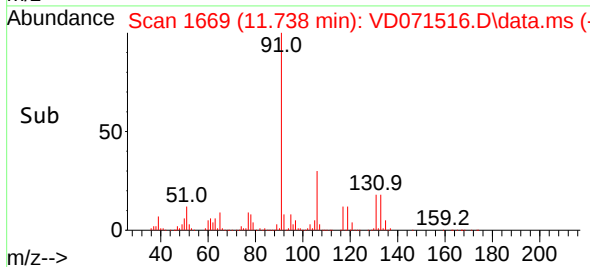
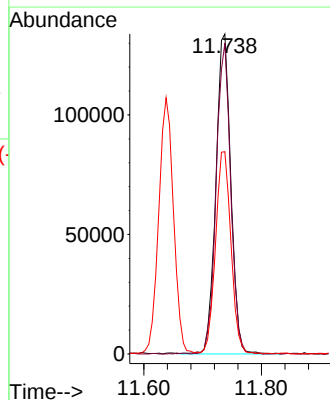
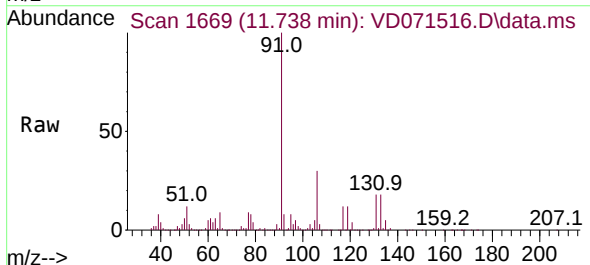
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

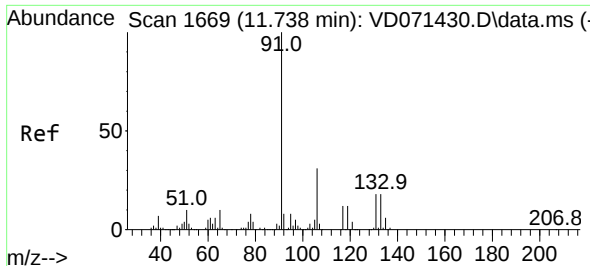
Tgt Ion:112 Resp: 626223
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.789 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:131 Resp: 236857
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.0
119 65.3 33.5 100.4

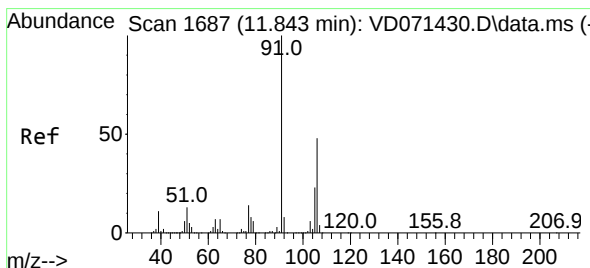
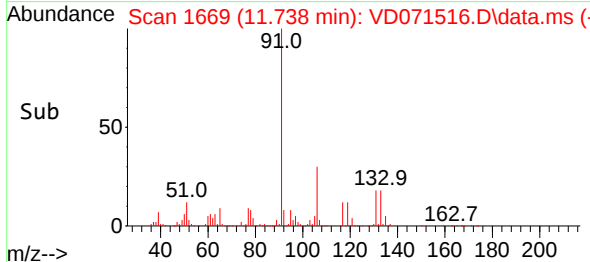
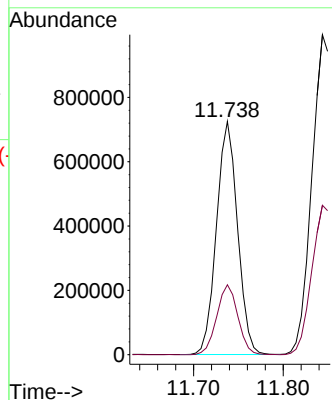
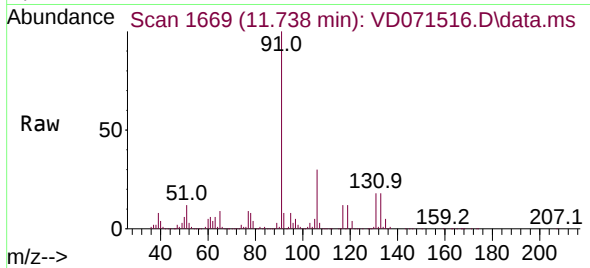




#67
Ethyl Benzene
Concen: 54.545 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

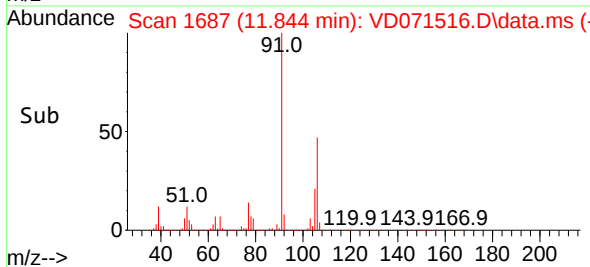
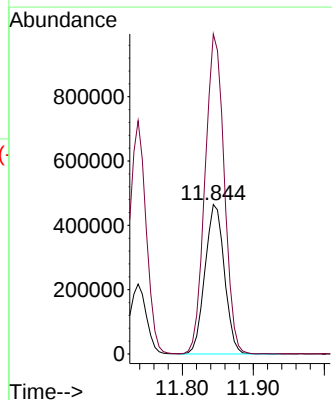
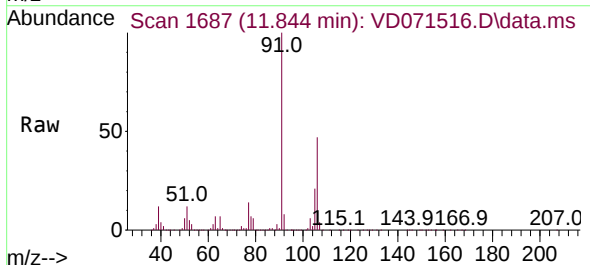
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

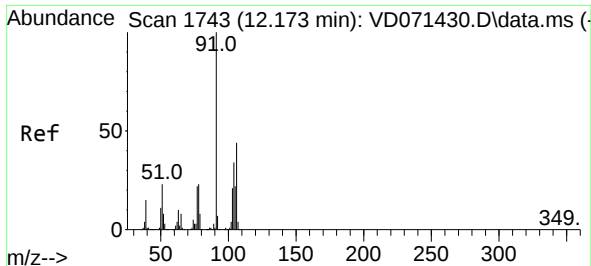
Tgt Ion: 91 Resp: 1179709
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8



#68
m/p-Xylenes
Concen: 107.614 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:106 Resp: 884257
Ion Ratio Lower Upper
106 100
91 211.0 160.1 240.1

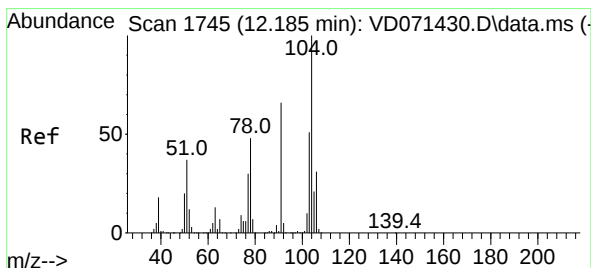
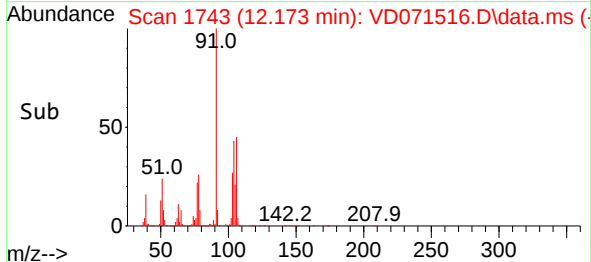
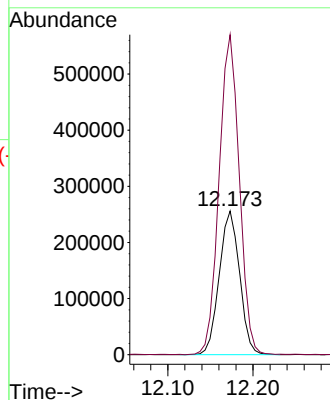
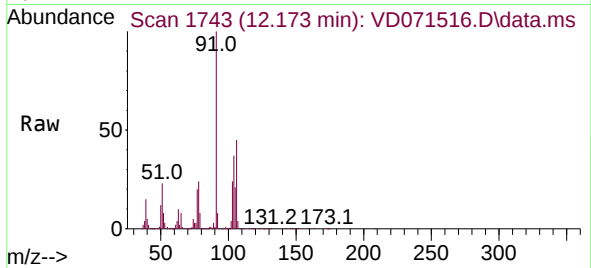




#69
o-Xylene
Concen: 56.545 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

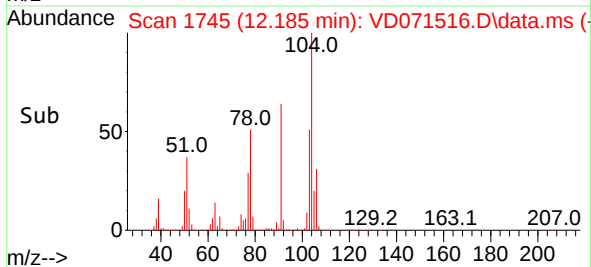
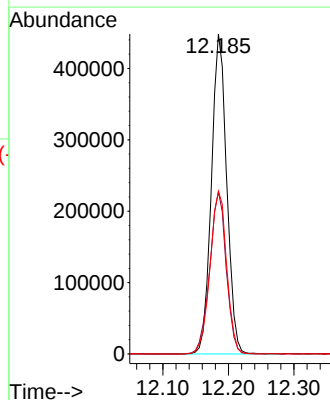
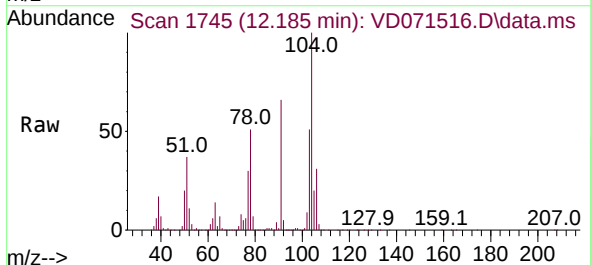
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

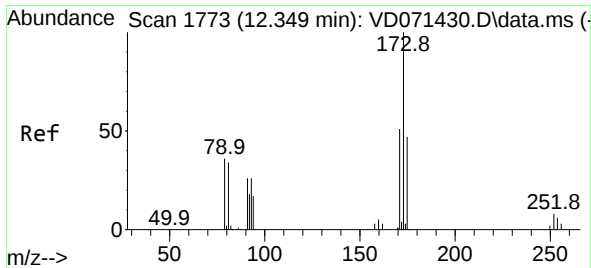
Tgt Ion:106 Resp: 424706
Ion Ratio Lower Upper
106 100
91 222.0 106.3 319.0



#70
Styrene
Concen: 55.669 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:104 Resp: 726366
Ion Ratio Lower Upper
104 100
78 54.6 39.4 59.0
103 55.2 43.4 65.0

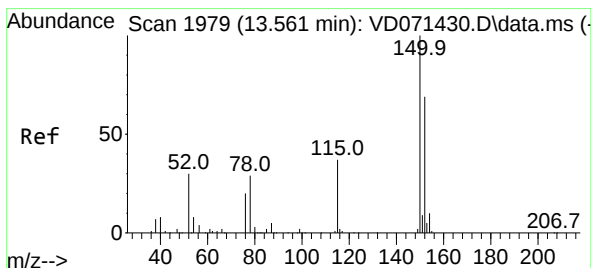
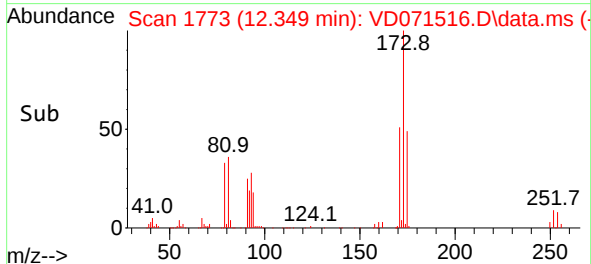
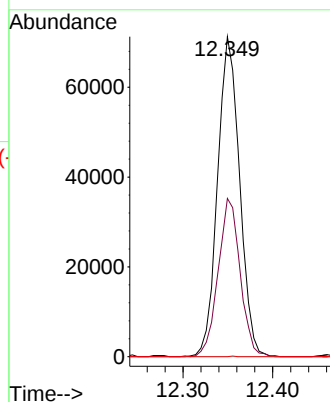
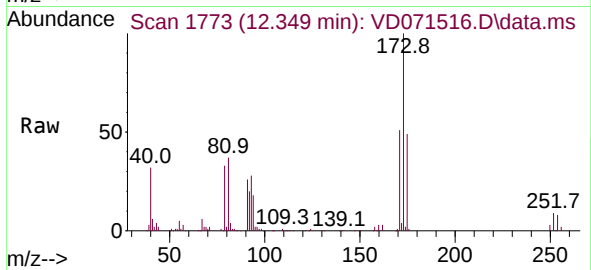




#71
Bromoform
Concen: 52.896 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

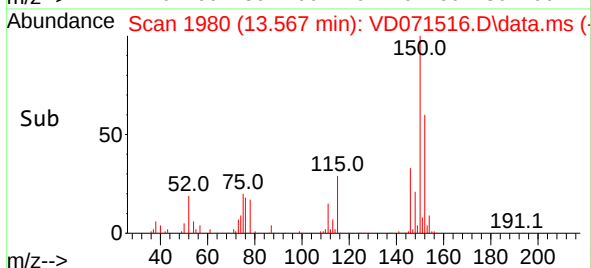
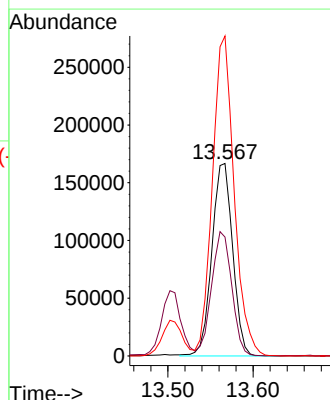
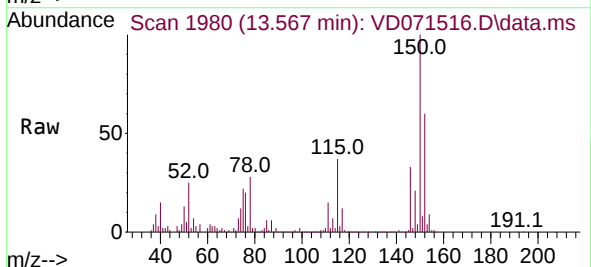
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

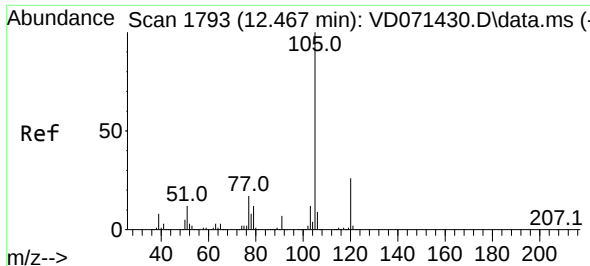
Tgt Ion:173 Resp: 121523
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:152 Resp: 282903
Ion Ratio Lower Upper
152 100
115 62.8 29.8 89.3
150 173.7 0.0 349.2

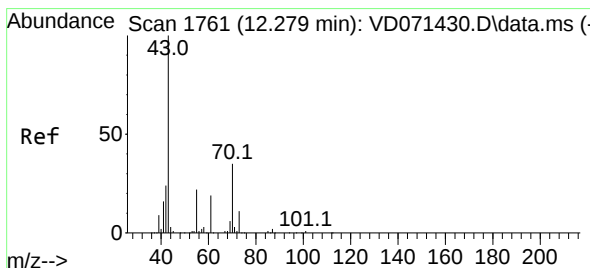
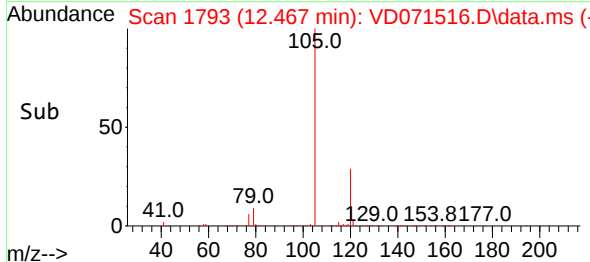
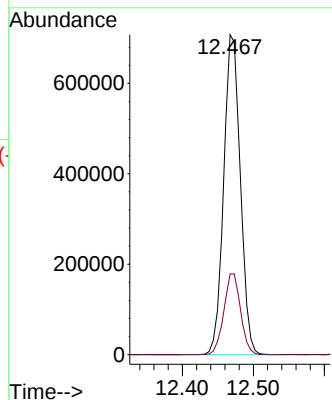
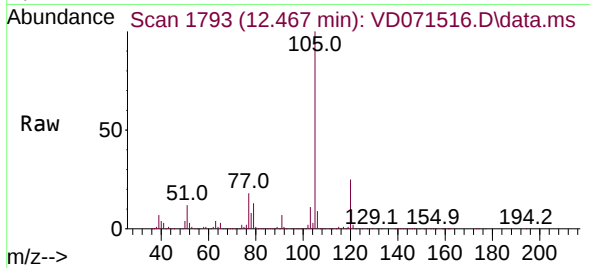




#73
Isopropylbenzene
Concen: 52.589 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

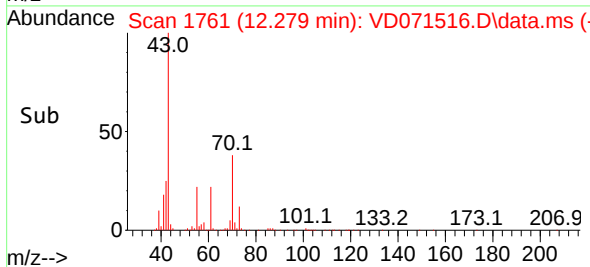
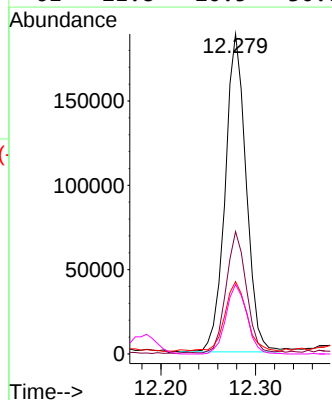
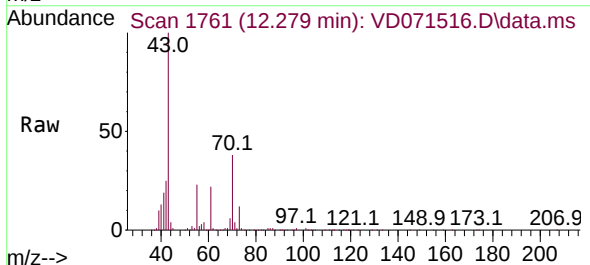
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

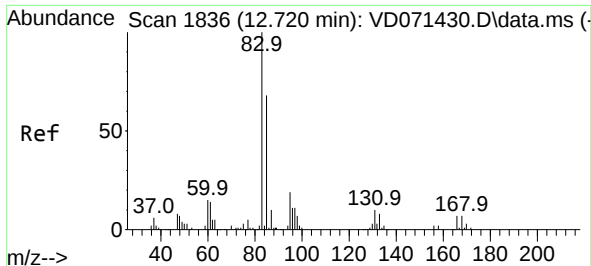
Tgt Ion:105 Resp: 1147007
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5



#74
N-ethyl acetate
Concen: 49.568 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 43 Resp: 290053
Ion Ratio Lower Upper
43 100
70 37.0 36.6 55.0
55 23.2 22.5 33.7
61 21.8 20.5 30.7

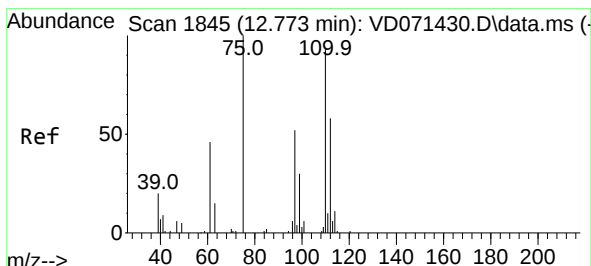
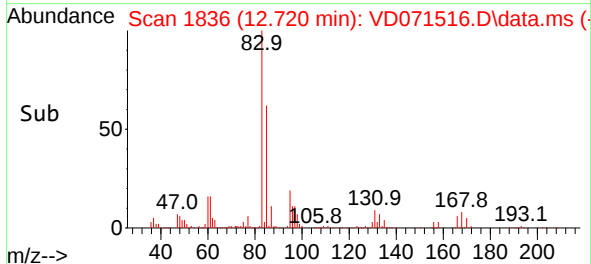
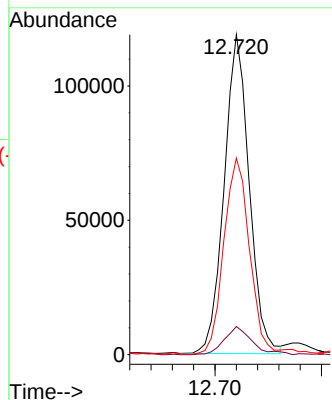
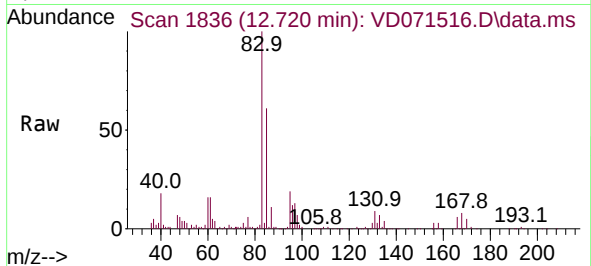




#75
1,1,2,2-Tetrachloroethane
Concen: 49.168 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

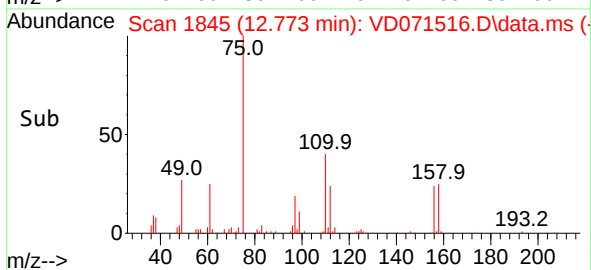
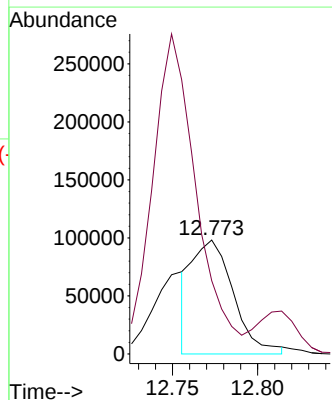
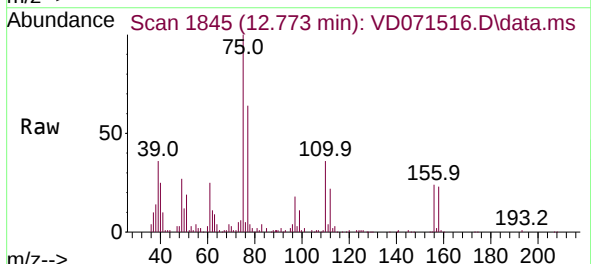
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

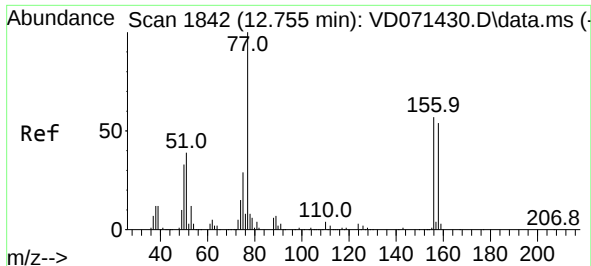
Tgt Ion: 83 Resp: 193881
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 62.7 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 49.762 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 75 Resp: 167269
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

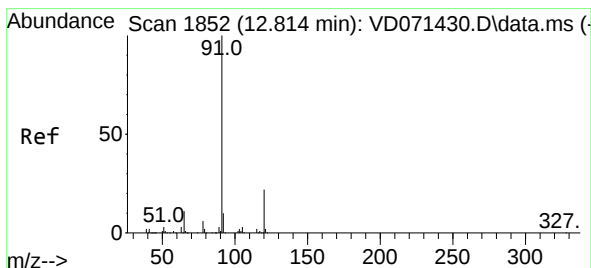
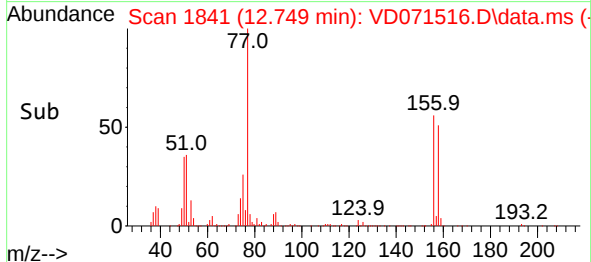
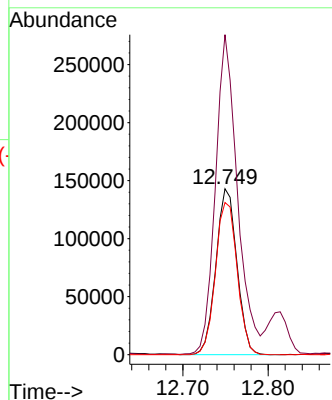
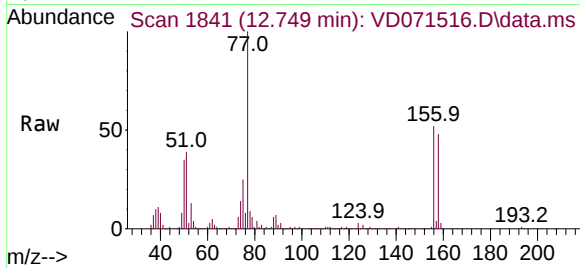




#77
Bromobenzene
Concen: 50.480 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

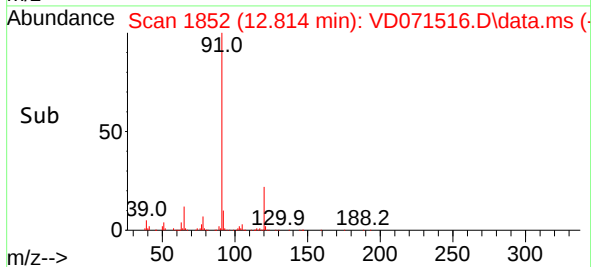
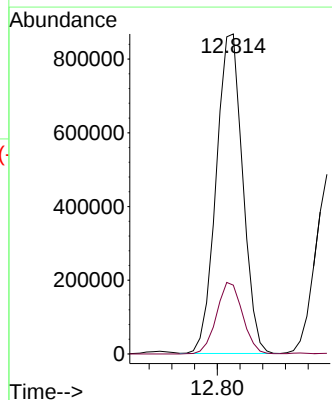
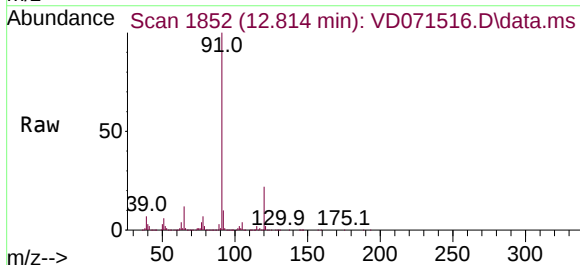
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

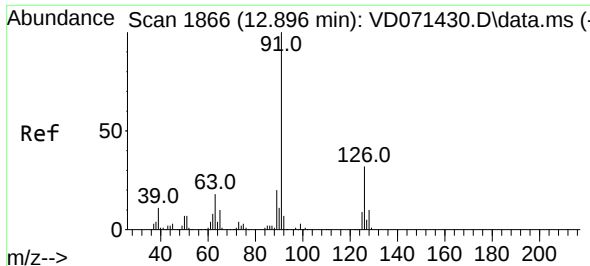
Tgt Ion:156 Resp: 244997
Ion Ratio Lower Upper
156 100
77 201.5 96.6 289.8
158 94.8 49.1 147.4



#78
n-propylbenzene
Concen: 51.404 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 91 Resp: 1405298
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

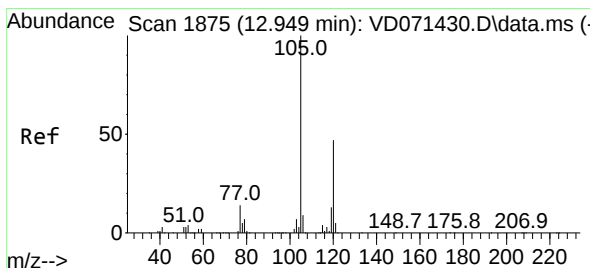
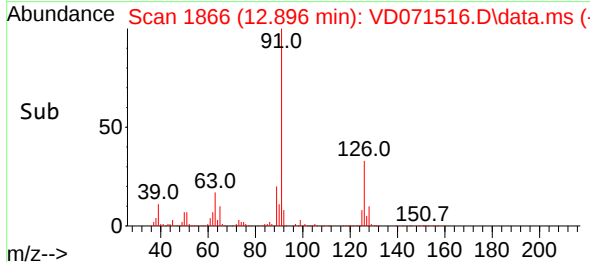
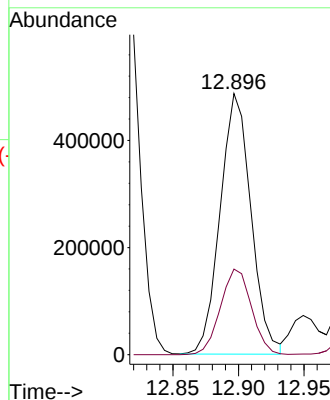
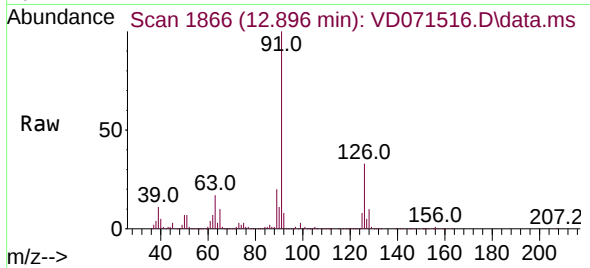




#79
2-Chlorotoluene
Concen: 52.216 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

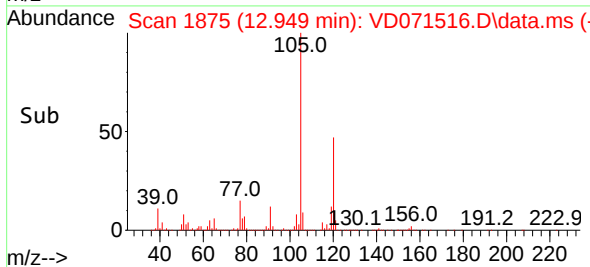
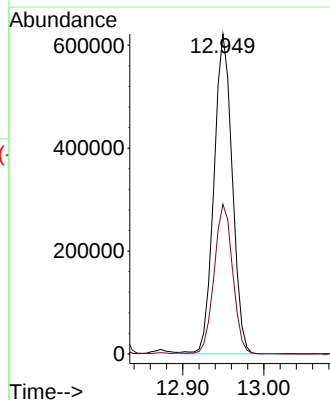
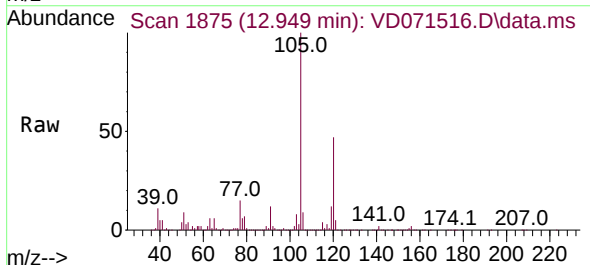
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

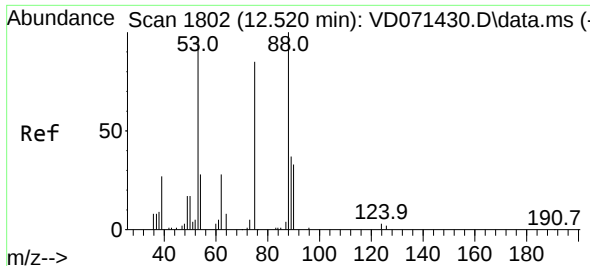
Tgt Ion: 91 Resp: 797769
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 54.108 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 105 Resp: 973395
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.8

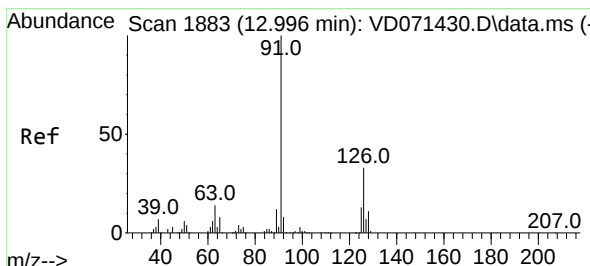
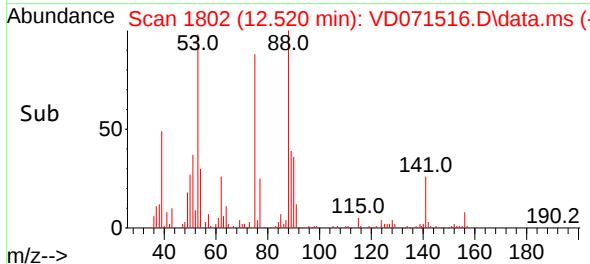
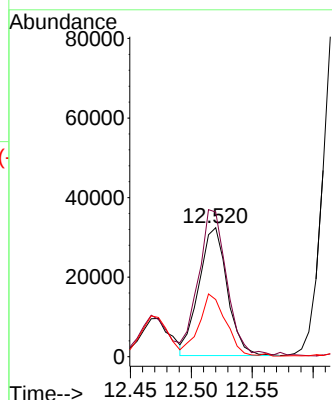
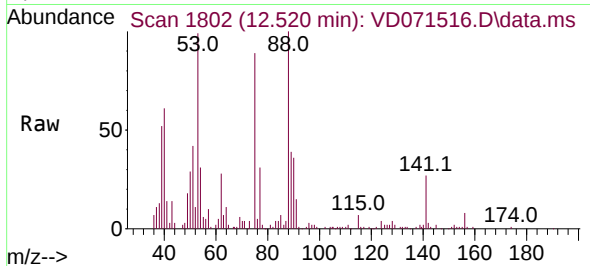




#81
trans-1,4-Dichloro-2-butene
Concen: 43.632 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

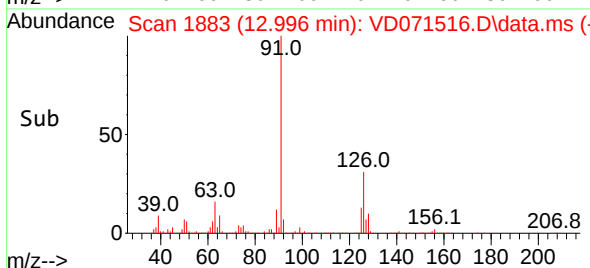
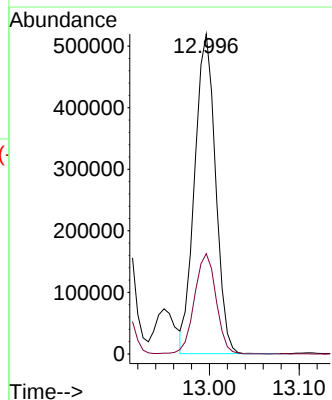
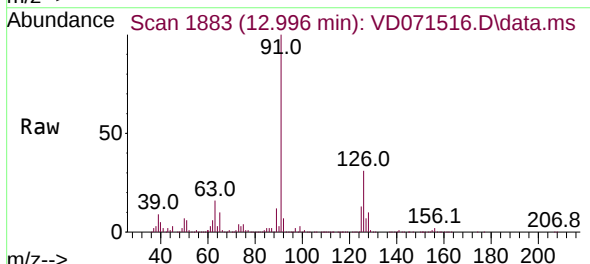
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

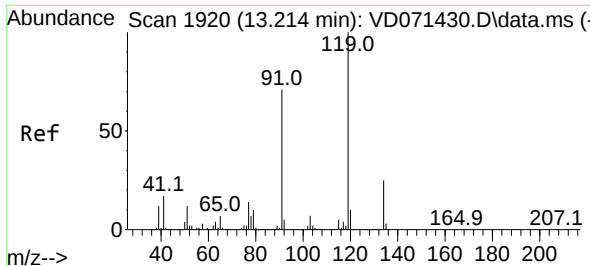
Tgt Ion: 75 Resp: 51907
Ion Ratio Lower Upper
75 100
53 112.7 62.6 94.0#
89 48.1 34.5 51.7



#82
4-Chlorotoluene
Concen: 52.788 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 91 Resp: 836568
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1

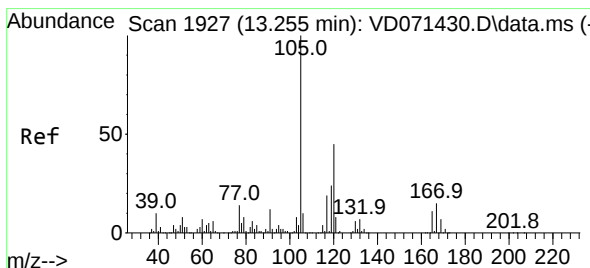
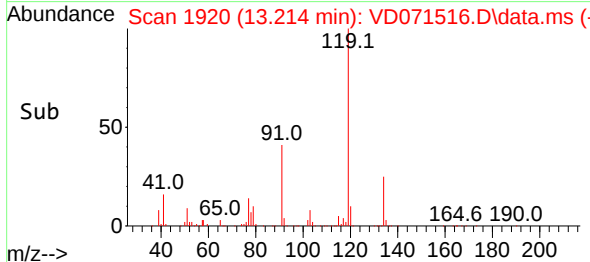
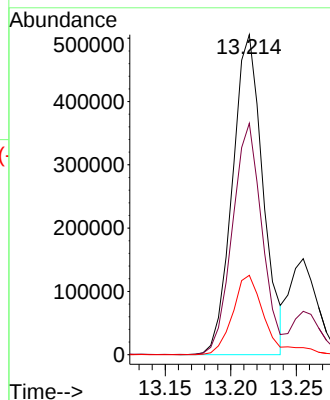
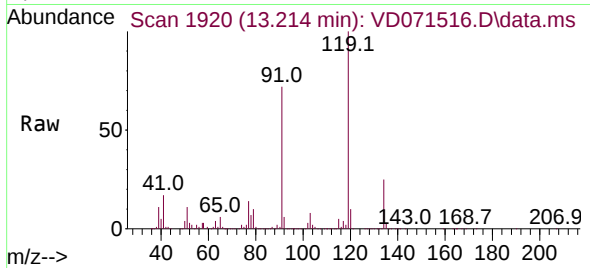




#83
tert-Butylbenzene
Concen: 53.350 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

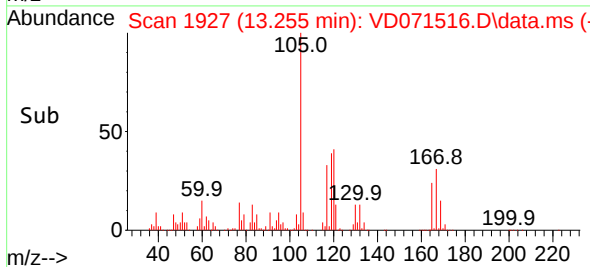
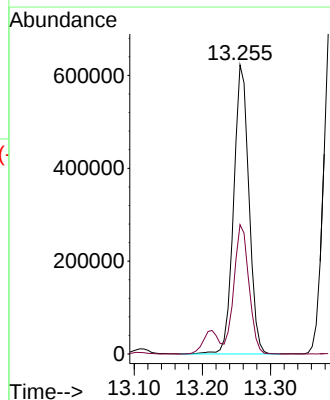
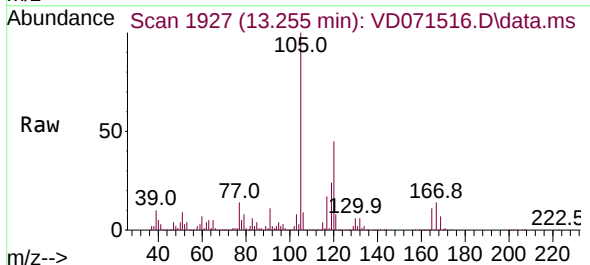
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

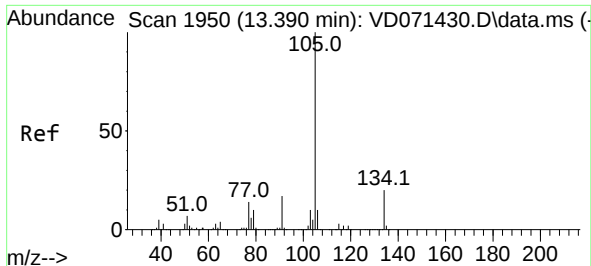
Tgt Ion:119 Resp: 820124
Ion Ratio Lower Upper
119 100
91 69.8 32.5 97.5
134 26.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 54.465 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:105 Resp: 969732
Ion Ratio Lower Upper
105 100
120 43.7 22.9 68.7

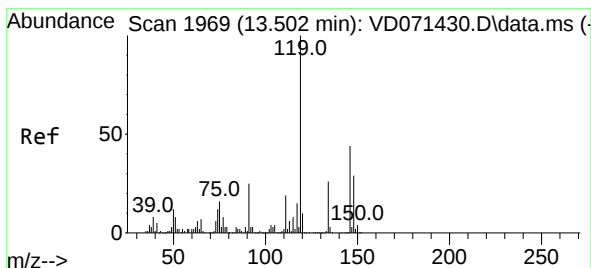
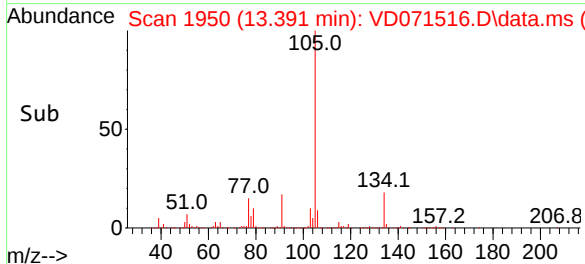
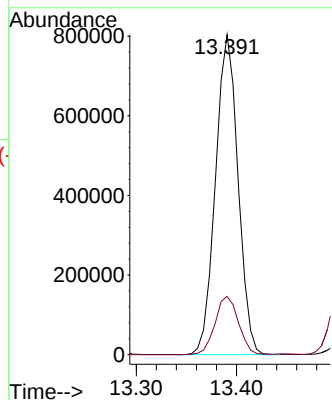
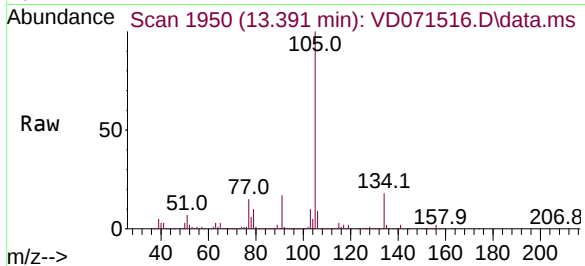




#85
 sec-Butylbenzene
 Concen: 53.500 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

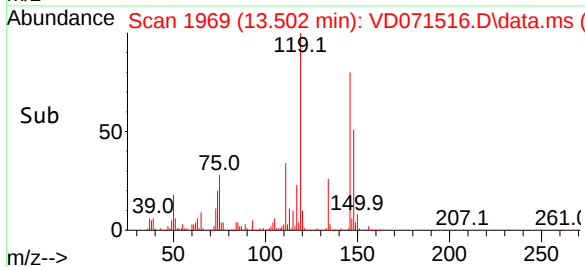
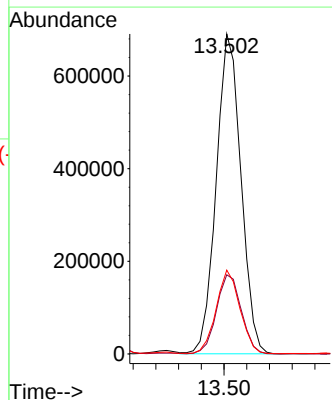
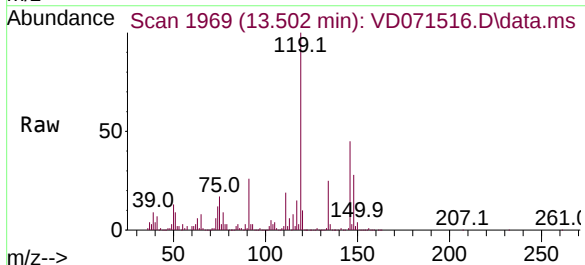
Instrument :
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 ClientSampleId :
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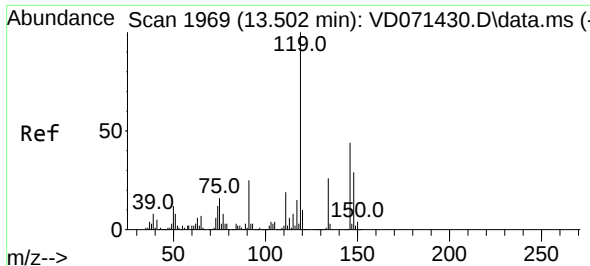
Tgt Ion:105 Resp: 1253811
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.693 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

Tgt Ion:119 Resp: 1044089
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.0 38.9
 91 25.0 11.4 34.2

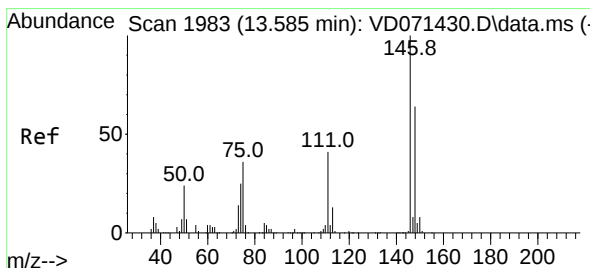
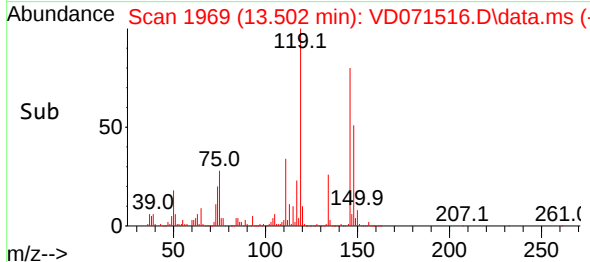
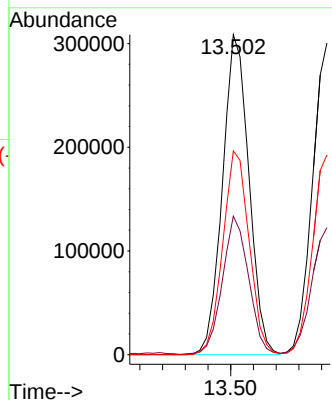
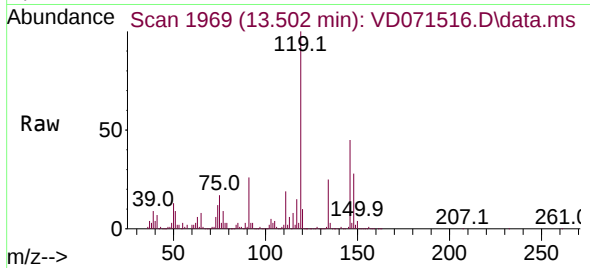




#87
1,3-Dichlorobenzene
Concen: 50.943 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

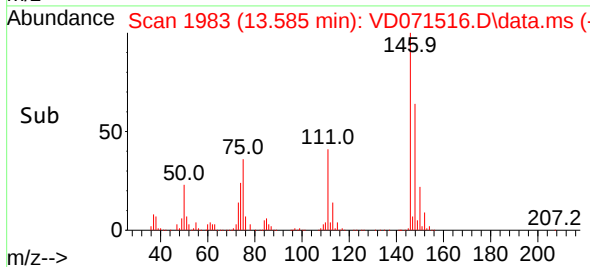
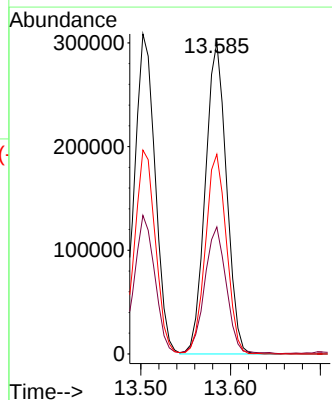
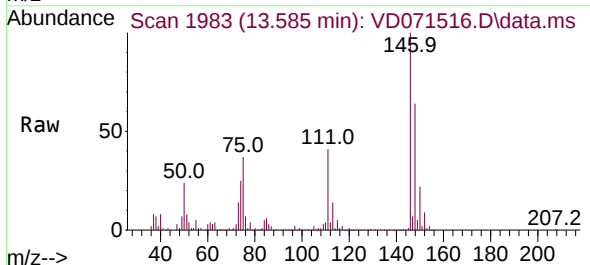
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

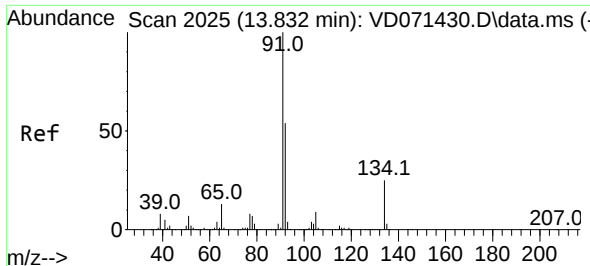
Tgt Ion:146 Resp: 497925
Ion Ratio Lower Upper
146 100
111 42.7 19.8 59.4
148 63.7 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 51.210 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion:146 Resp: 490791
Ion Ratio Lower Upper
146 100
111 41.7 19.6 58.8
148 63.8 31.5 94.5

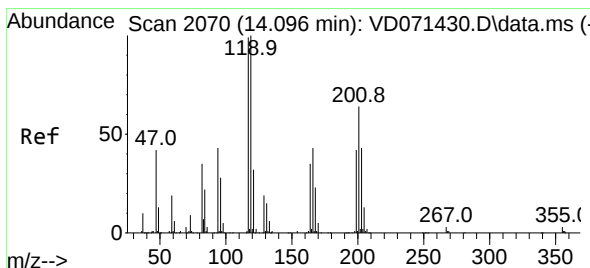
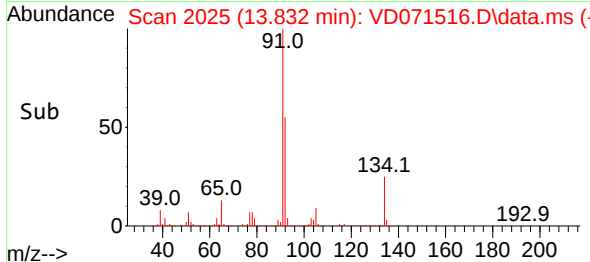
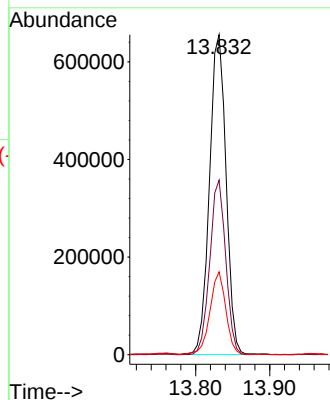
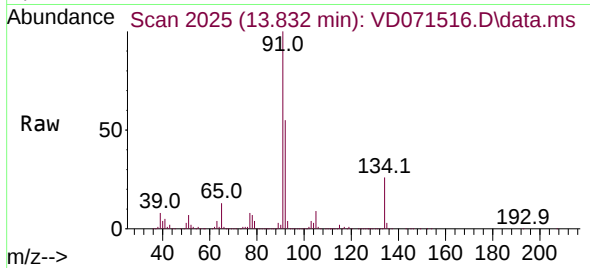




#89
n-Butylbenzene
Concen: 53.333 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

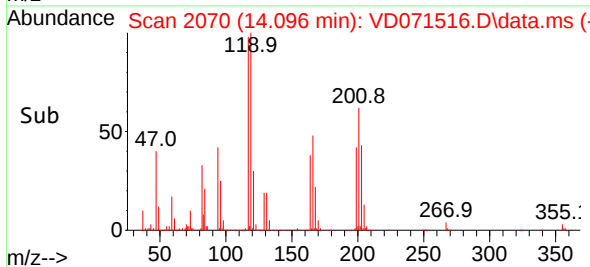
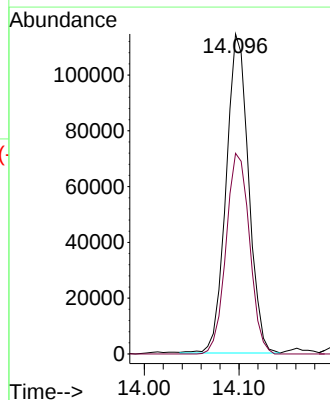
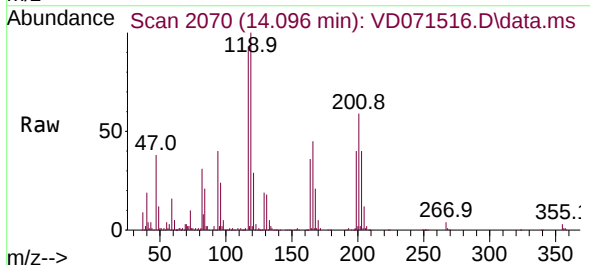
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

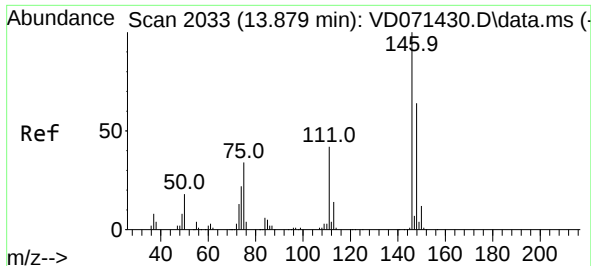
Tgt Ion: 91 Resp: 1017906
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 24.8 12.3 36.9



#90
Hexachloroethane
Concen: 51.086 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 117 Resp: 188183
Ion Ratio Lower Upper
117 100
201 65.8 36.0 108.1

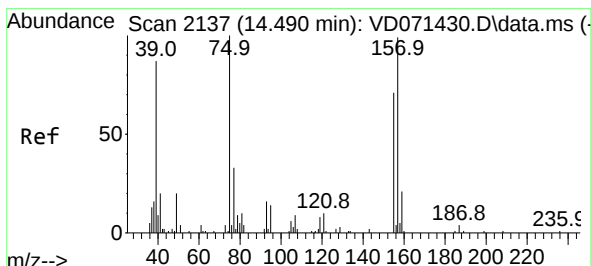
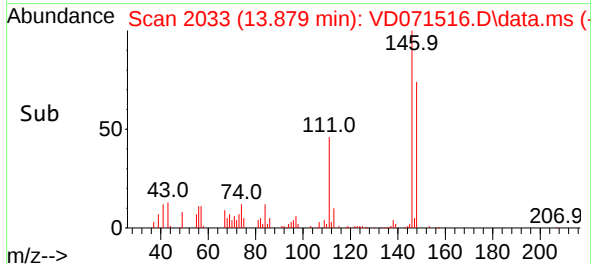
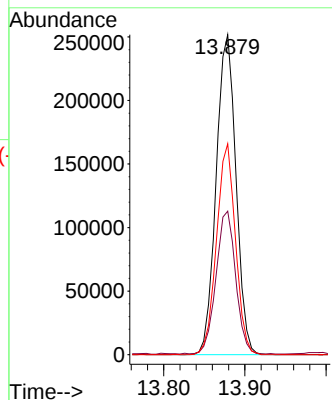
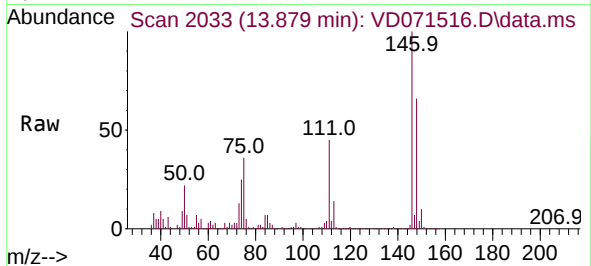




#91
1,2-Dichlorobenzene
Concen: 51.407 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

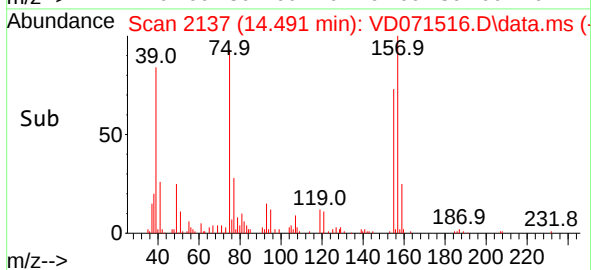
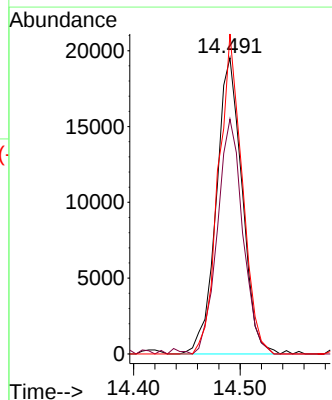
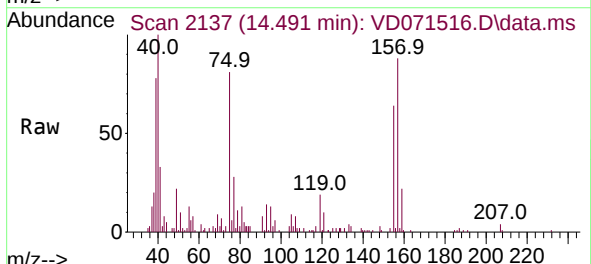
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

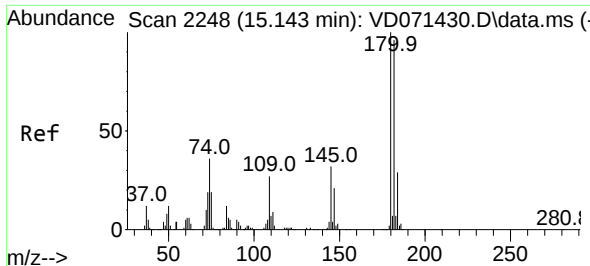
Tgt Ion:146 Resp: 426436
Ion Ratio Lower Upper
146 100
111 44.3 20.8 62.2
148 63.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.044 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD071516.D
Acq: 28 Dec 2021 21:19

Tgt Ion: 75 Resp: 32854
Ion Ratio Lower Upper
75 100
155 77.8 40.0 120.0
157 99.2 49.8 149.3

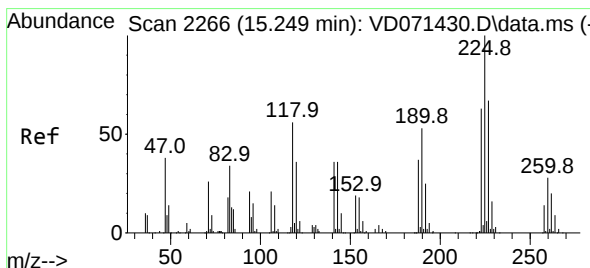
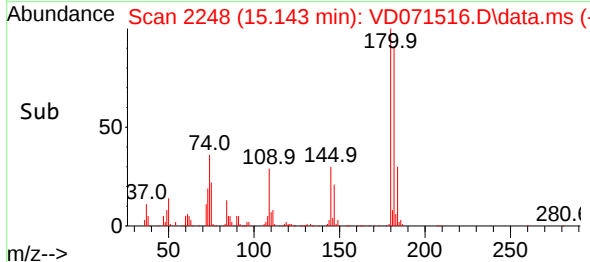
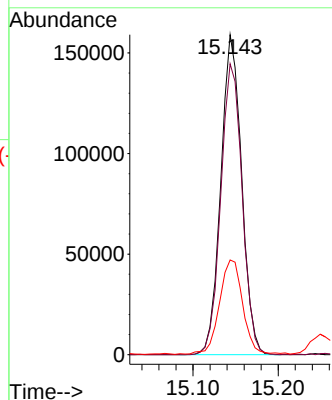
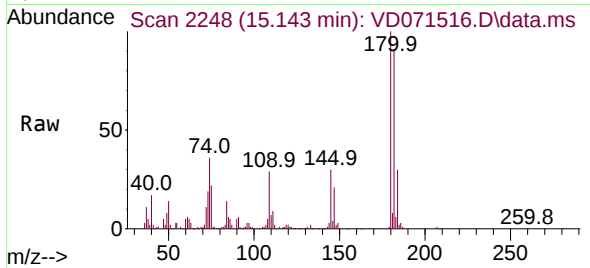




#93
 1,2,4-Trichlorobenzene
 Concen: 53.440 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

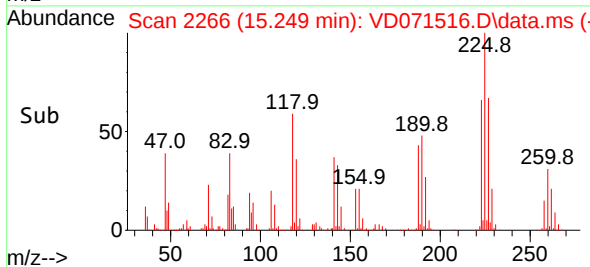
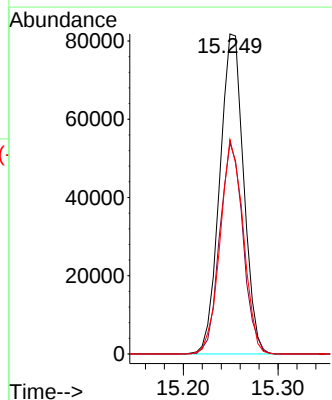
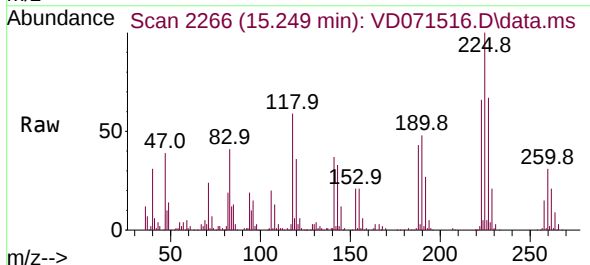
Instrument :
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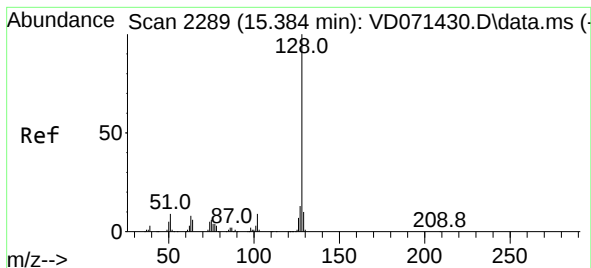
Tgt Ion:180 Resp: 270139
 Ion Ratio Lower Upper
 180 100
 182 93.3 48.2 144.6
 145 33.1 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 52.988 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD071516.D
 Acq: 28 Dec 2021 21:19

Tgt Ion:225 Resp: 143490
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.8 95.3
 227 64.8 31.6 94.8





#95

Naphthalene

Concen: 53.082 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

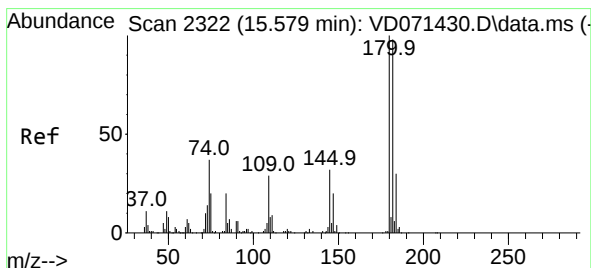
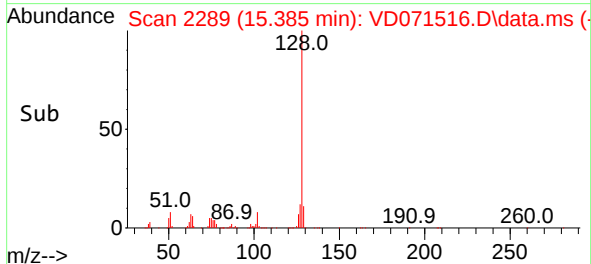
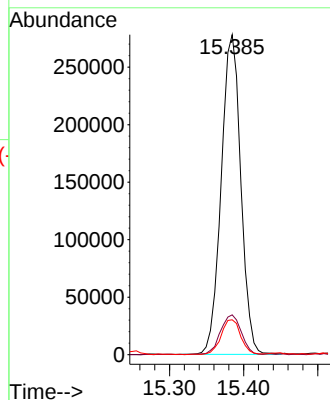
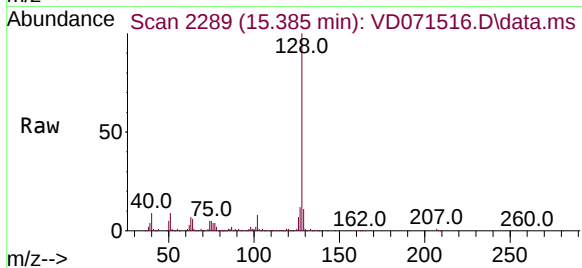
Tgt Ion:128 Resp: 510753

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.015 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD071516.D

Acq: 28 Dec 2021 21:19

Tgt Ion:180 Resp: 231794

Ion Ratio Lower Upper

180 100

182 93.5 46.7 140.1

145 37.2 15.9 47.6

