

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071926.D
 Acq On : 08 Feb 2022 19:09
 Operator : VA/SY
 Sample : VSTDCCC050EC
 Misc : 6.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 09 04:02:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	395168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	671352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	644058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	330675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	285357	57.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.260%	
35) Dibromofluoromethane	7.914	113	240689	54.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.332	98	855602	51.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.620	95	321438	55.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	204589	43.659	ug/l	95
3) Chloromethane	2.209	50	250985	44.736	ug/l	100
4) Vinyl Chloride	2.350	62	270939	46.127	ug/l	100
5) Bromomethane	2.762	94	161740	41.734	ug/l	100
6) Chloroethane	2.921	64	180959	48.614	ug/l	98
7) Trichlorofluoromethane	3.273	101	392420	46.618	ug/l	99
8) Diethyl Ether	3.709	74	112640	50.714	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	219693	46.261	ug/l	99
10) Methyl Iodide	4.303	142	192028	39.443	ug/l	97
11) Tert butyl alcohol	5.220	59	76599	258.915	ug/l	97
12) 1,1-Dichloroethene	4.068	96	197621	45.520	ug/l	97
13) Acrolein	3.921	56	112477	253.537	ug/l	98
14) Allyl chloride	4.715	41	392286	47.404	ug/l	96
15) Acrylonitrile	5.415	53	307813	272.679	ug/l	98
16) Acetone	4.156	43	341381	249.683	ug/l	97
17) Carbon Disulfide	4.409	76	656174	43.346	ug/l	98
18) Methyl Acetate	4.720	43	142640	48.252	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	573478	55.216	ug/l	99
20) Methylene Chloride	4.962	84	237997	47.503	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	236888	46.870	ug/l	98
22) Diisopropyl ether	6.362	45	856323	52.796	ug/l	98
23) Vinyl Acetate	6.303	43	2633895	294.368	ug/l	99
24) 1,1-Dichloroethane	6.262	63	458755	48.526	ug/l	100
25) 2-Butanone	7.209	43	444306	278.751	ug/l	96
26) 2,2-Dichloropropane	7.209	77	370515	47.361	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	266913	49.170	ug/l	98
28) Bromochloromethane	7.544	49	170539	47.827	ug/l	100
29) Tetrahydrofuran	7.556	42	277153	293.874	ug/l	99
30) Chloroform	7.703	83	472560	48.928	ug/l	98
31) Cyclohexane	7.979	56	425652	44.639	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	412385	48.408	ug/l	97
36) 1,1-Dichloropropene	8.109	75	359634	47.481	ug/l	100
37) Ethyl Acetate	7.291	43	196589	55.826	ug/l	99
38) Carbon Tetrachloride	8.091	117	364329	48.640	ug/l	99
39) Methylcyclohexane	9.350	83	413261	47.089	ug/l	95
40) Benzene	8.350	78	974746	47.675	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	109883	55.156	ug/l	93
42) 1,2-Dichloroethane	8.420	62	346135	53.614	ug/l	98
43) Isopropyl Acetate	8.450	43	362209	57.228	ug/l	99
44) Trichloroethene	9.108	130	246299	46.656	ug/l	100
45) 1,2-Dichloropropane	9.385	63	259312	49.188	ug/l	98
46) Dibromomethane	9.467	93	144412	52.316	ug/l	100
47) Bromodichloromethane	9.656	83	367845	50.387	ug/l	99
48) Methyl methacrylate	9.450	41	188470	56.266	ug/l	97
49) 1,4-Dioxane	9.456	88	36579	1160.987	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	976355	294.784	ug/l	99
52) Toluene	10.397	92	633095	49.796	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	351647	52.445	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	396008	50.386	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	193505	52.820	ug/l	96
56) Ethyl methacrylate	10.655	69	265313	58.492	ug/l	99
57) 1,3-Dichloropropane	10.938	76	346004	52.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	578040	270.712	ug/l	100
59) 2-Hexanone	10.979	43	696072	289.554	ug/l	97
60) Dibromochloromethane	11.132	129	241102	53.295	ug/l	99
61) 1,2-Dibromoethane	11.238	107	189831	53.781	ug/l	100
64) Tetrachloroethene	10.867	164	206799	45.393	ug/l	93
65) Chlorobenzene	11.661	112	648292	47.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	249574	50.349	ug/l	98
67) Ethyl Benzene	11.738	91	1224719	48.849	ug/l	99
68) m/p-Xylenes	11.844	106	928616	97.377	ug/l	97
69) o-Xylene	12.173	106	430661	49.694	ug/l	98
70) Styrene	12.185	104	773949	51.812	ug/l	99
71) Bromoform	12.350	173	142294	53.764	ug/l #	99
73) Isopropylbenzene	12.467	105	1166219	45.545	ug/l	99
74) N-amyl acetate	12.279	43	344766	54.750	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	225314	47.550	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	303432	87.070	ug/l #	100
77) Bromobenzene	12.755	156	257488	45.206	ug/l	98
78) n-propylbenzene	12.808	91	1466203	45.666	ug/l	100
79) 2-Chlorotoluene	12.897	91	830860	45.665	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	981801	46.228	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	67343	47.514	ug/l	99
82) 4-Chlorotoluene	12.997	91	862908	45.585	ug/l	99
83) tert-Butylbenzene	13.214	119	824102	46.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	987532	47.268	ug/l	99
85) sec-Butylbenzene	13.391	105	1250455	45.403	ug/l	99
86) p-Isopropyltoluene	13.502	119	1045183	46.701	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	530954	45.906	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	517019	44.790	ug/l	99
89) n-Butylbenzene	13.832	91	1003054	45.682	ug/l	99
90) Hexachloroethane	14.096	117	200140	44.990	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	461928	46.669	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	40078	51.071	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	273408	47.285	ug/l	100
94) Hexachlorobutadiene	15.249	225	139426	44.223	ug/l	99
95) Naphthalene	15.385	128	575618	50.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	241808	48.790	ug/l	99

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QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

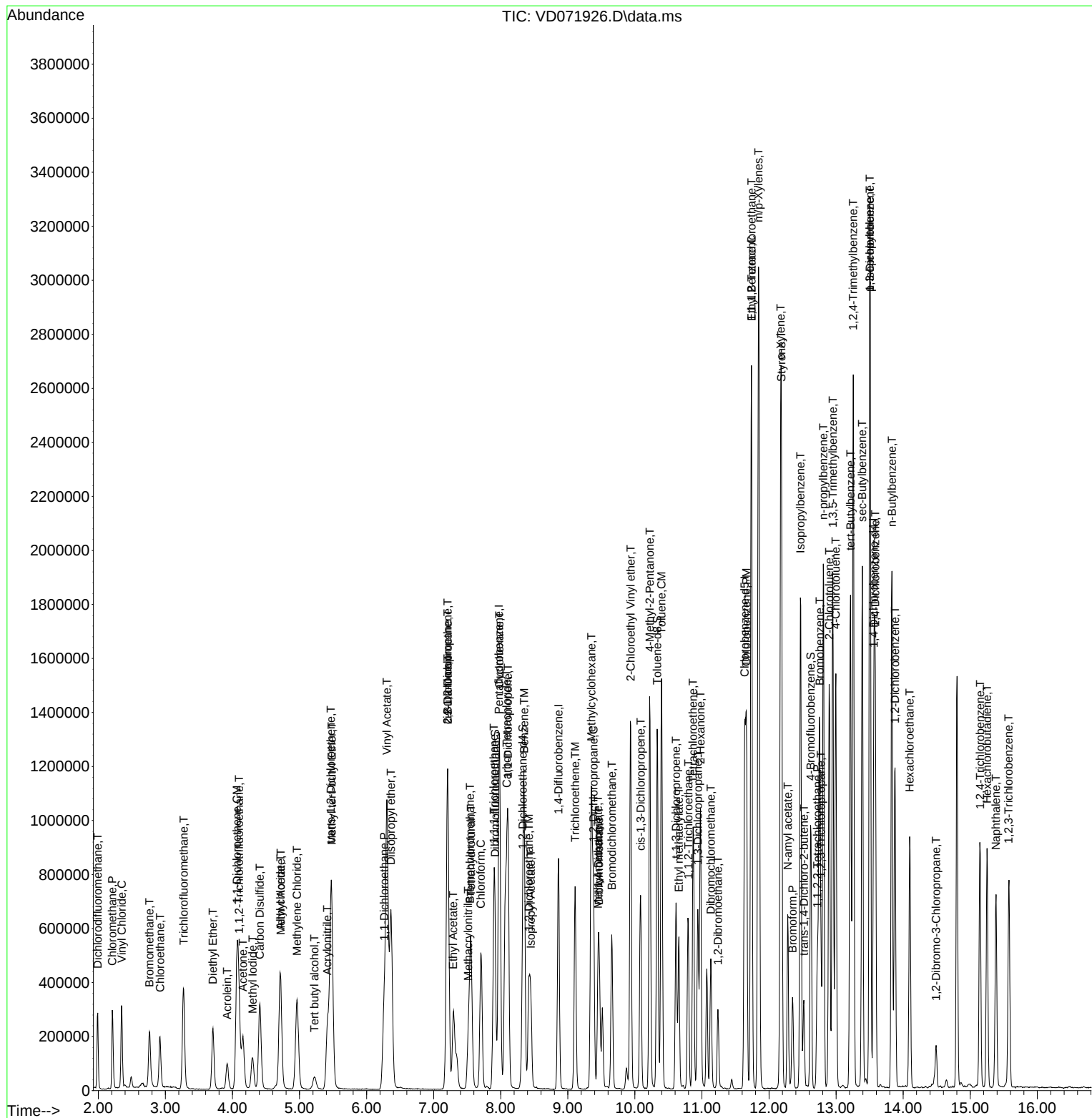
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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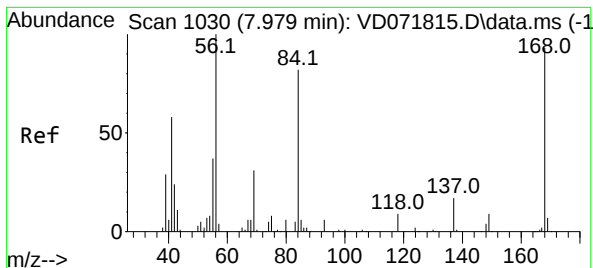
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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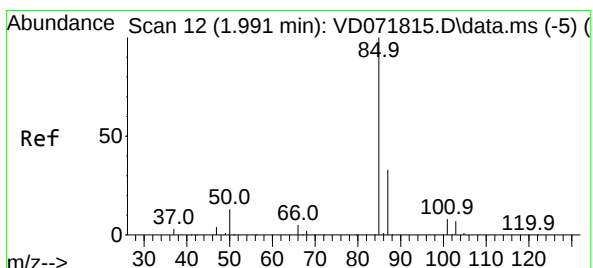
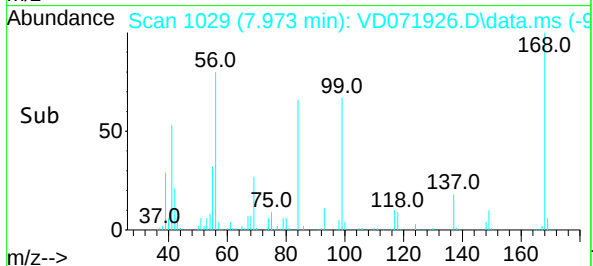
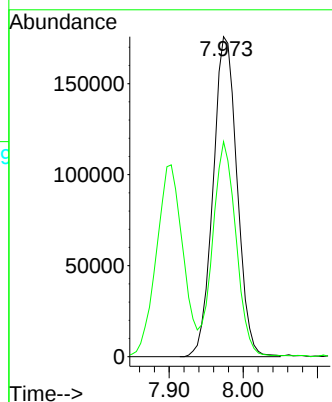
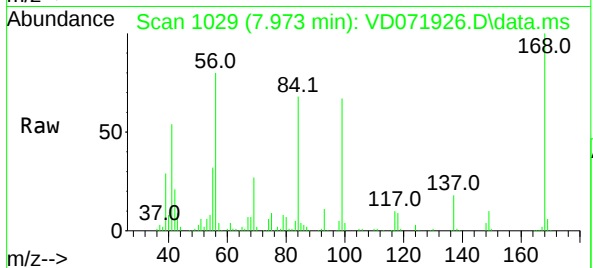




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071926.D
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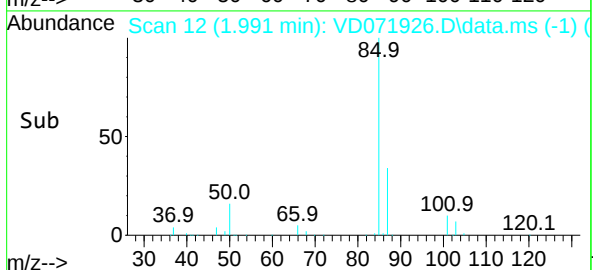
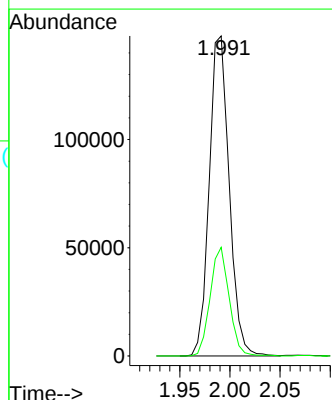
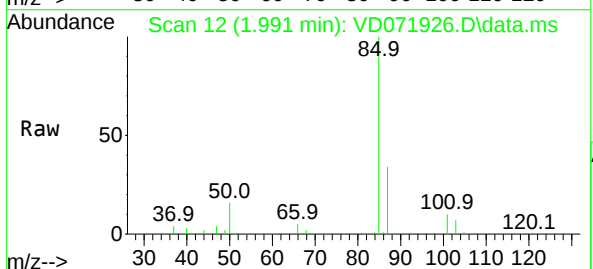
Instrument :
MSVOA_D
ClientSampleId :
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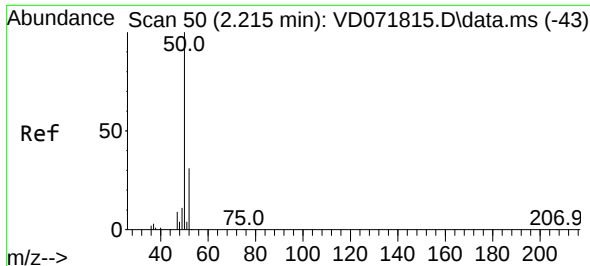
Tgt Ion:168 Resp: 395168
Ion Ratio Lower Upper
168 100
99 66.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 43.659 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 85 Resp: 204589
Ion Ratio Lower Upper
85 100
87 34.0 15.7 47.0

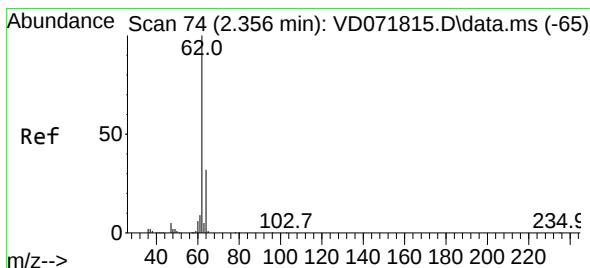
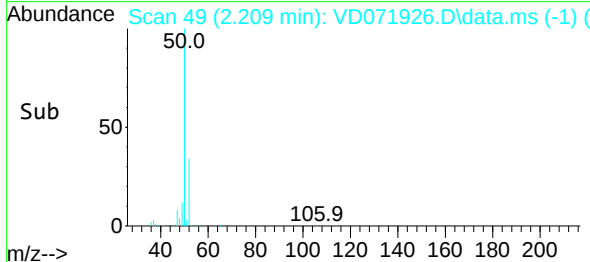
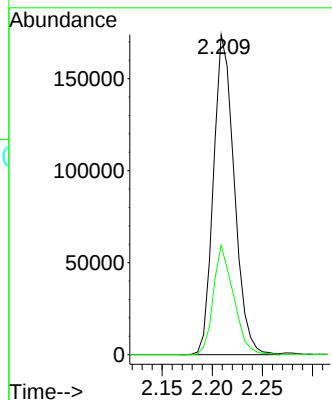
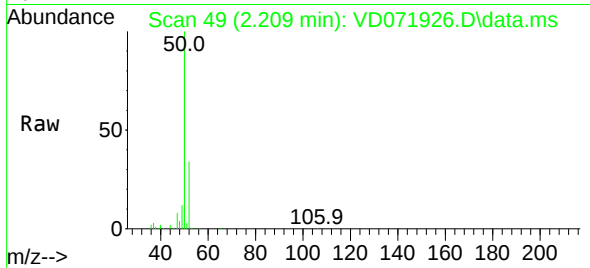




#3
Chloromethane
Concen: 44.736 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

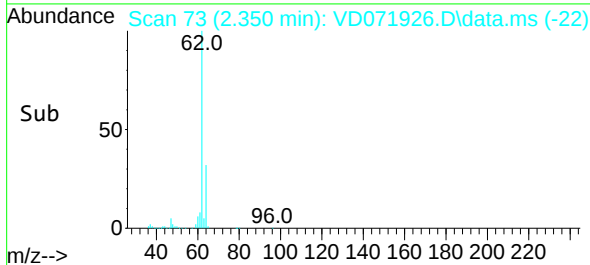
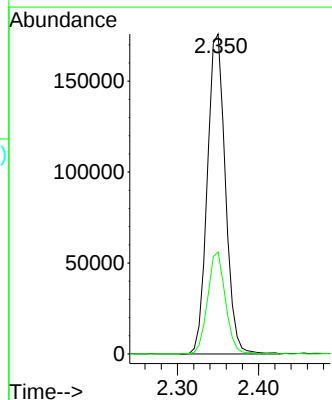
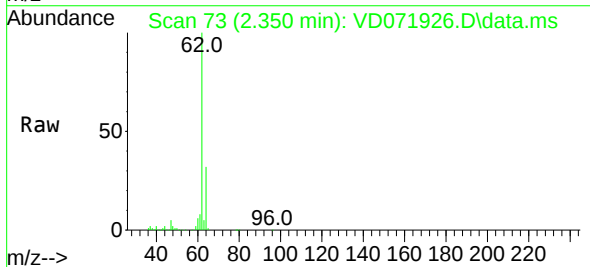
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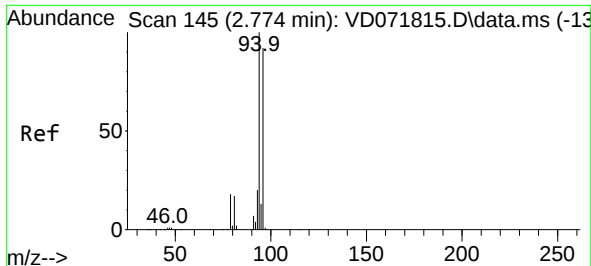
Tgt Ion: 50 Resp: 250985
Ion Ratio Lower Upper
50 100
52 34.2 27.4 41.0



#4
Vinyl Chloride
Concen: 46.127 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 62 Resp: 270939
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

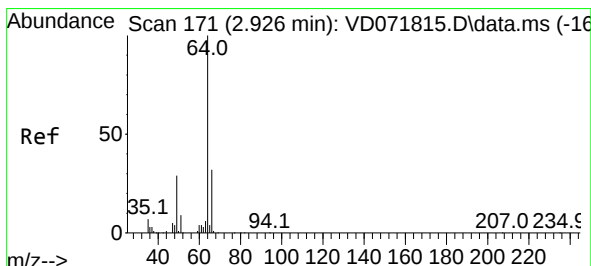
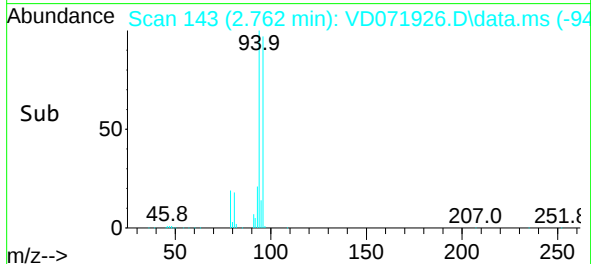
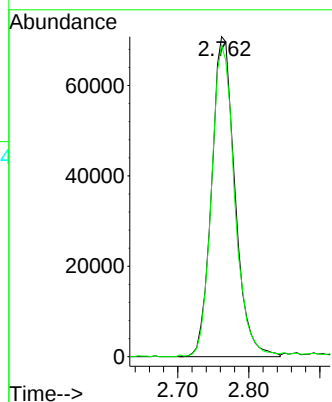
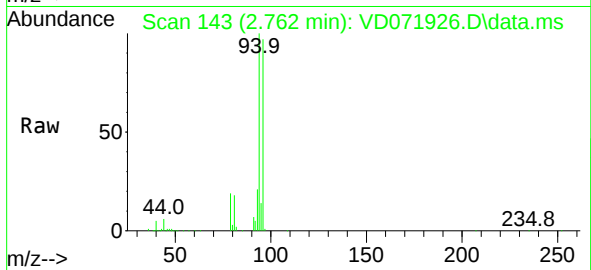




#5
Bromomethane
Concen: 41.734 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

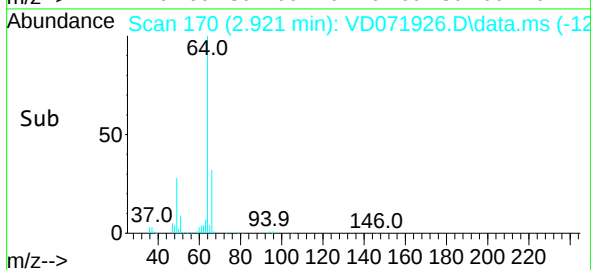
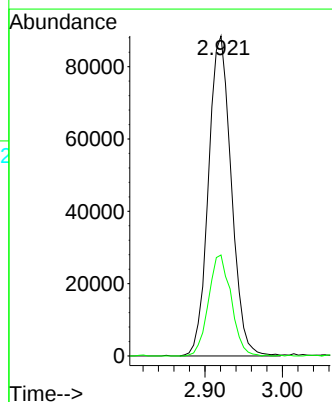
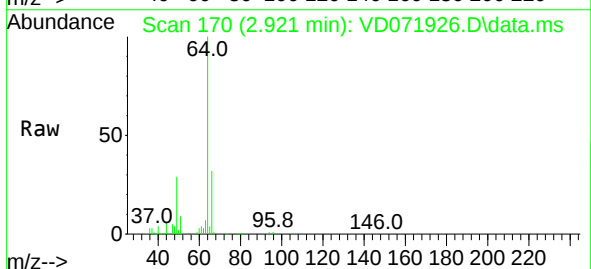
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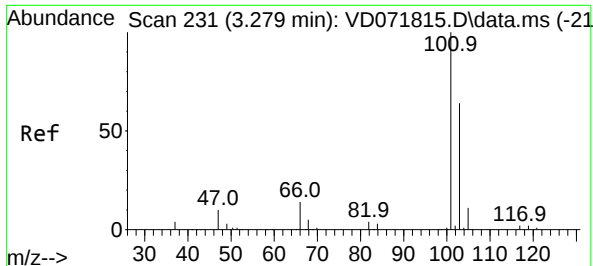
Tgt Ion: 94 Resp: 161740
Ion Ratio Lower Upper
94 100
96 96.8 77.6 116.4



#6
Chloroethane
Concen: 48.614 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 64 Resp: 180959
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9

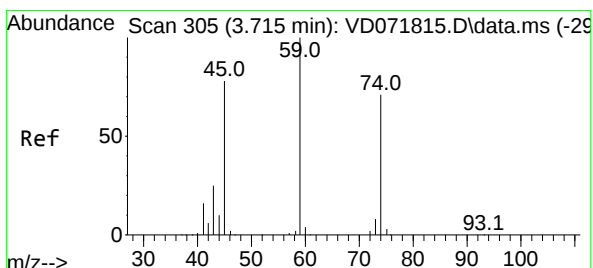
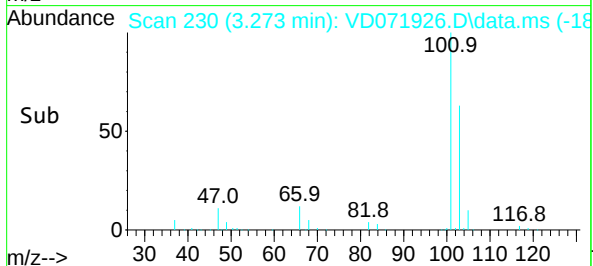
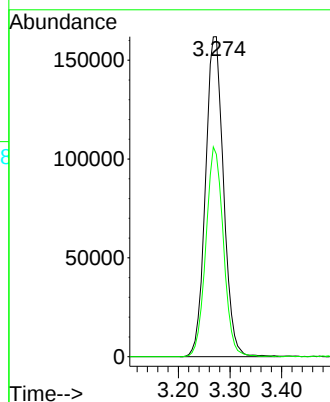
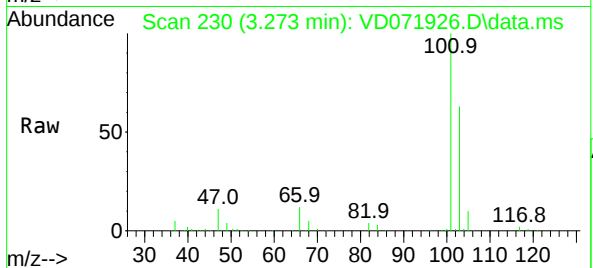




#7
Trichlorofluoromethane
Concen: 46.618 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

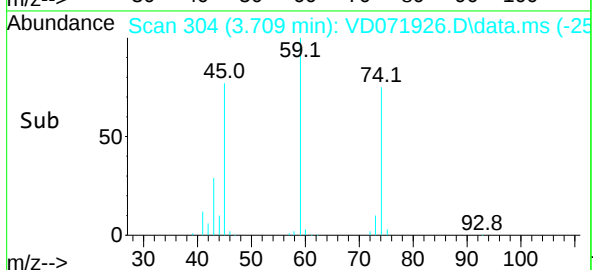
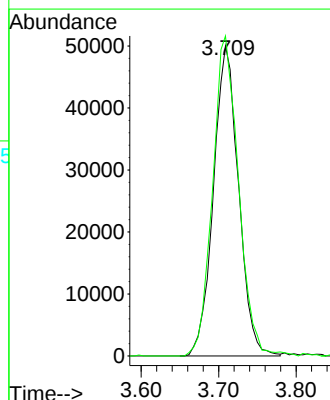
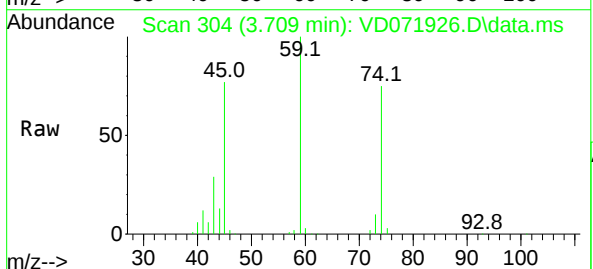
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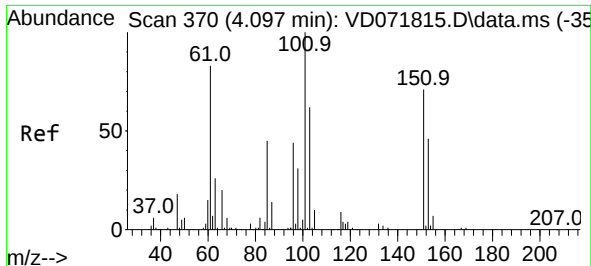
Tgt Ion:101 Resp: 392420
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1



#8
Diethyl Ether
Concen: 50.714 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 74 Resp: 112640
Ion Ratio Lower Upper
74 100
45 106.5 52.6 157.8

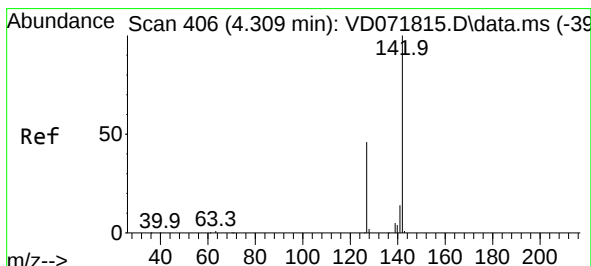
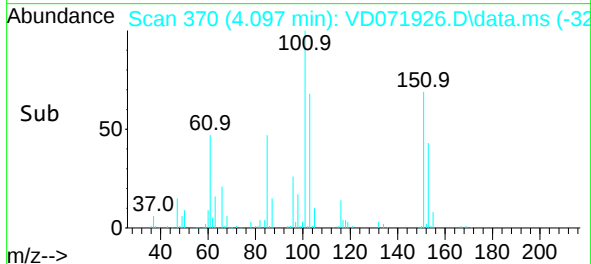
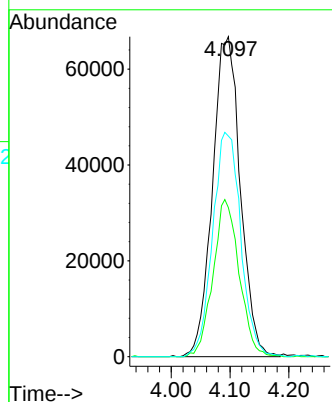
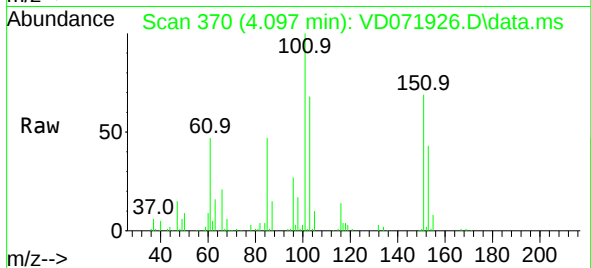




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.261 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

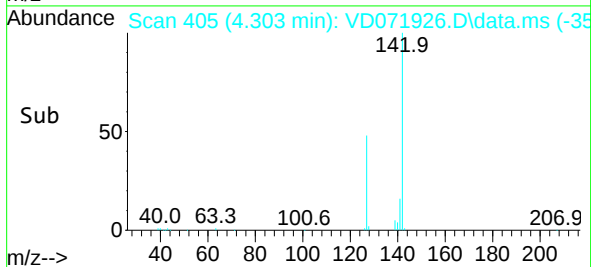
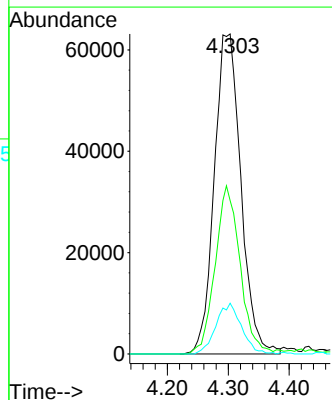
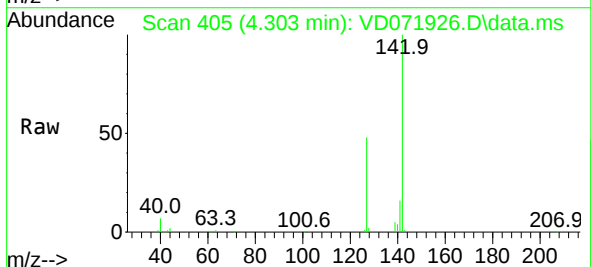
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

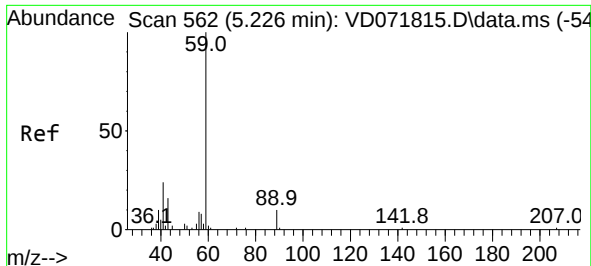
Tgt Ion:101 Resp: 219693
Ion Ratio Lower Upper
101 100
85 46.1 36.4 54.6
151 70.7 57.3 85.9



#10
Methyl Iodide
Concen: 39.443 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

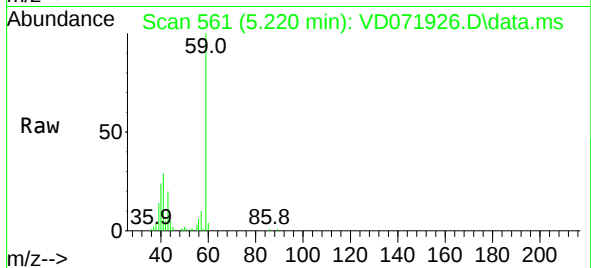
Tgt Ion:142 Resp: 192028
Ion Ratio Lower Upper
142 100
127 49.0 37.3 55.9
141 15.2 11.7 17.5



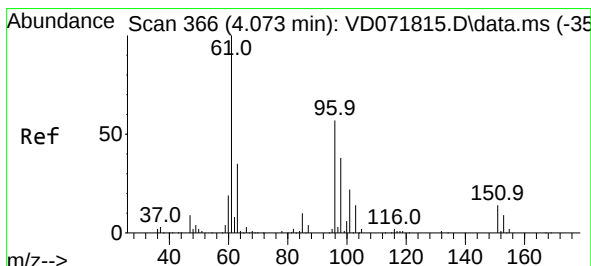
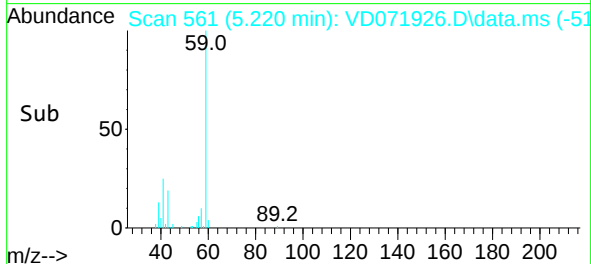
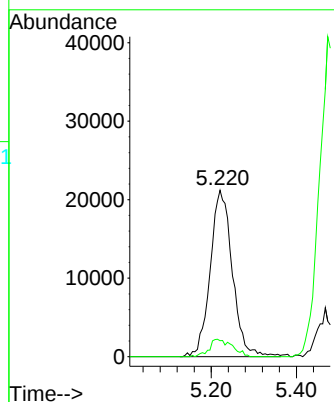


#11
Tert butyl alcohol
Concen: 258.915 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

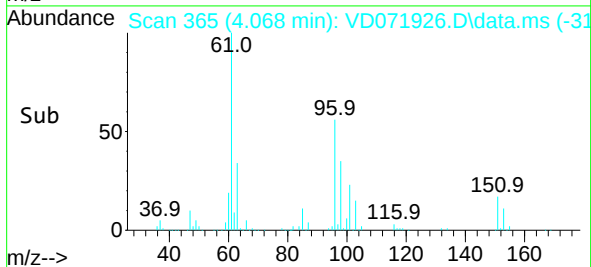
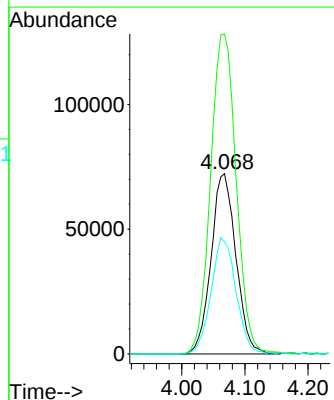
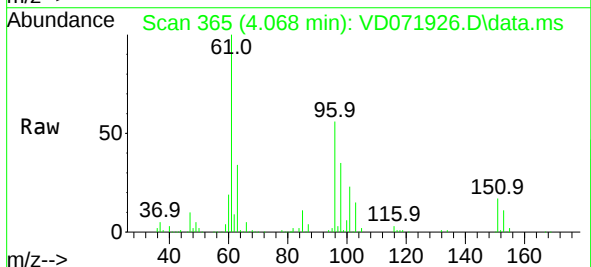


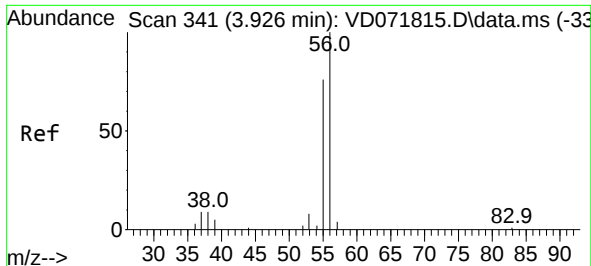
Tgt Ion: 59 Resp: 76599
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 45.520 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 96 Resp: 197621
Ion Ratio Lower Upper
96 100
61 177.5 138.5 207.7
98 62.3 48.6 73.0

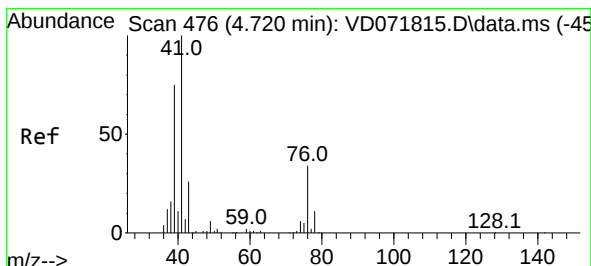
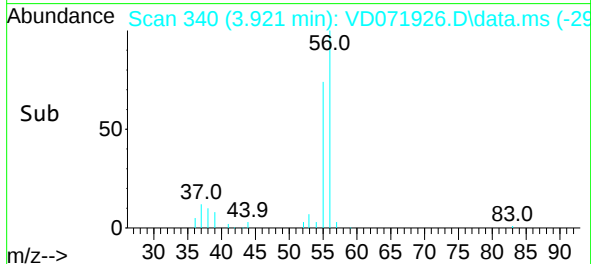
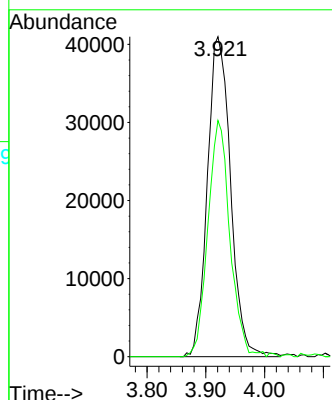
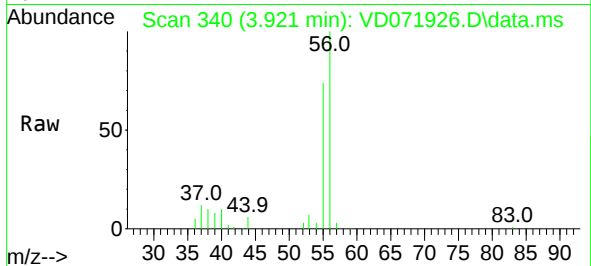




#13
Acrolein
Concen: 253.537 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

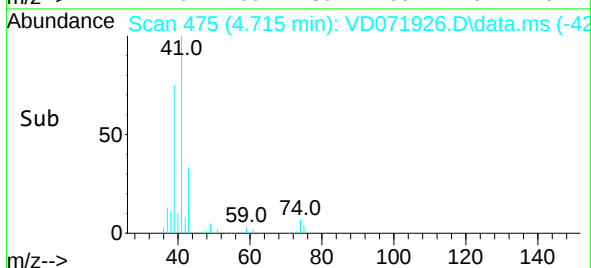
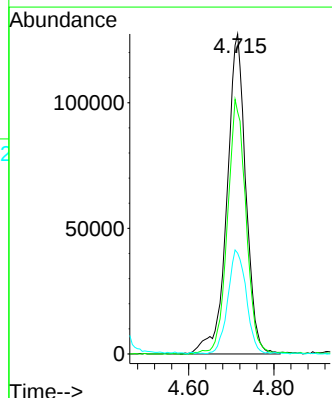
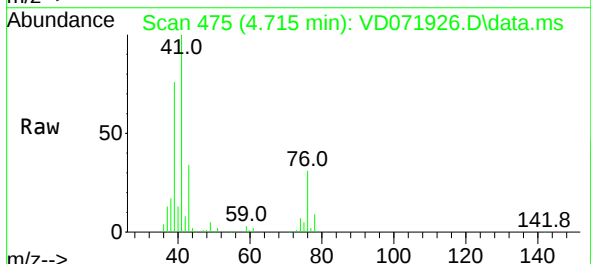
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

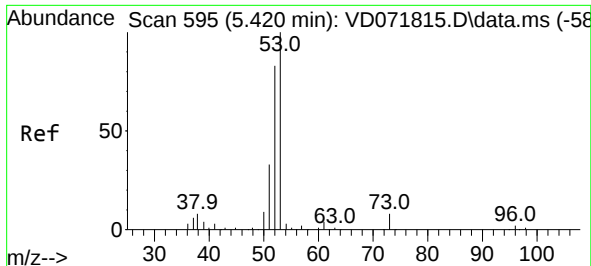
Tgt Ion: 56 Resp: 112477
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7



#14
Allyl chloride
Concen: 47.404 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 41 Resp: 392286
Ion Ratio Lower Upper
41 100
39 78.0 59.3 88.9
76 31.4 25.7 38.5

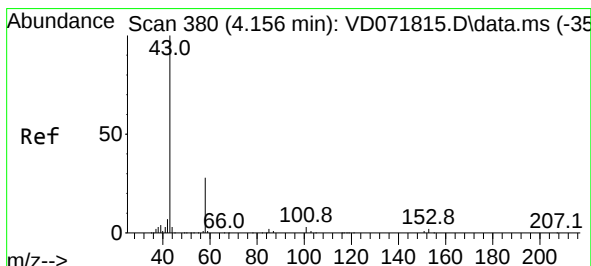
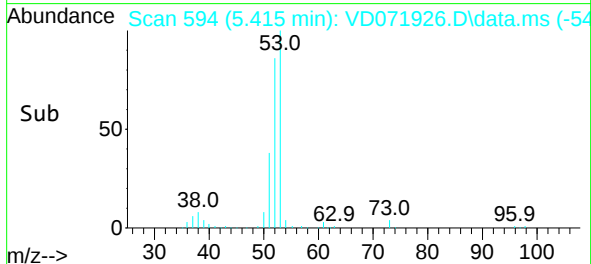
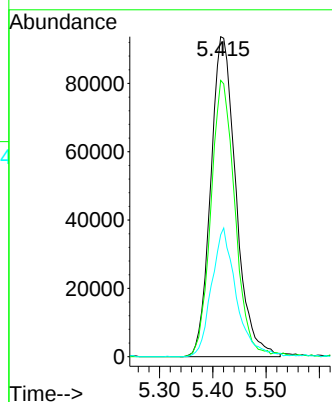
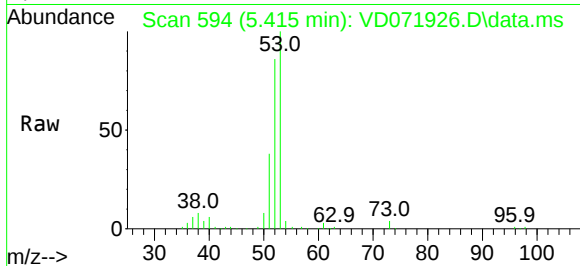




#15
Acrylonitrile
Concen: 272.679 ug/l
RT: 5.415 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

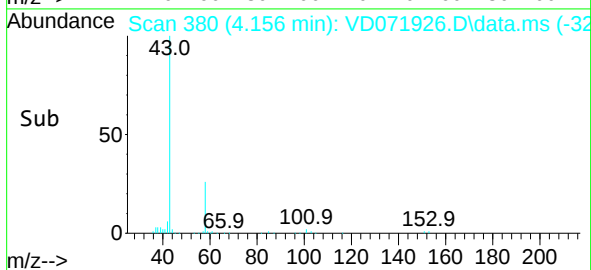
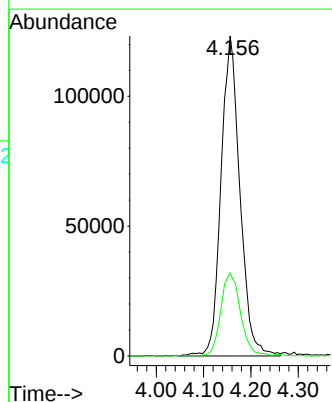
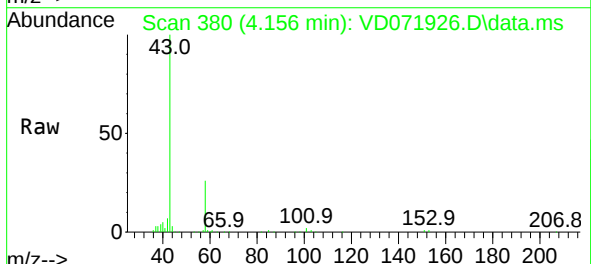
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

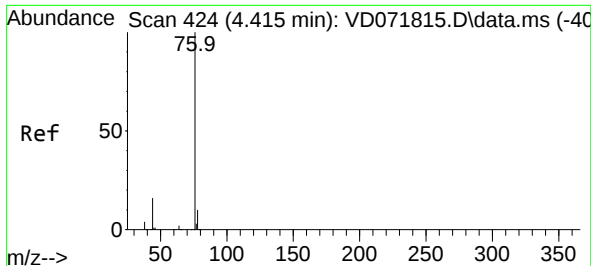
Tgt Ion: 53 Resp: 307813
Ion Ratio Lower Upper
53 100
52 82.9 67.2 100.8
51 39.6 30.3 45.5



#16
Acetone
Concen: 249.683 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 43 Resp: 341381
Ion Ratio Lower Upper
43 100
58 26.0 22.1 33.1

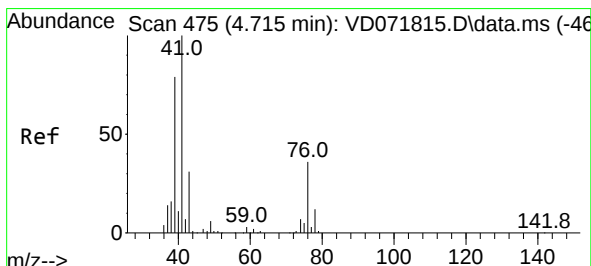
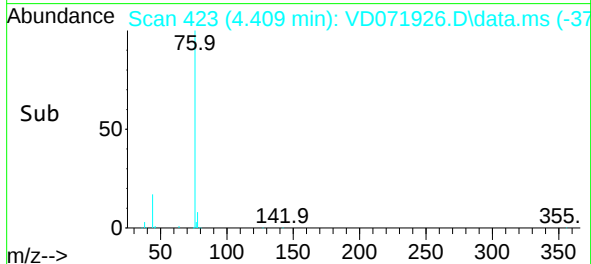
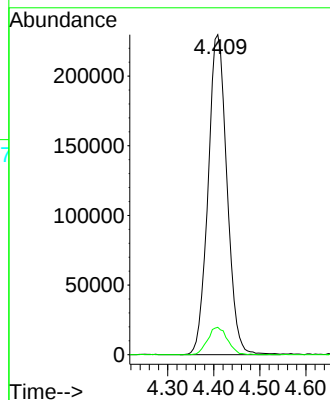
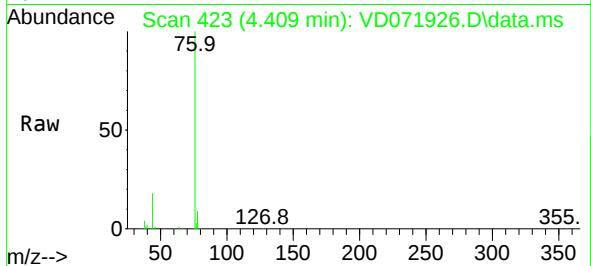




#17
Carbon Disulfide
Concen: 43.346 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

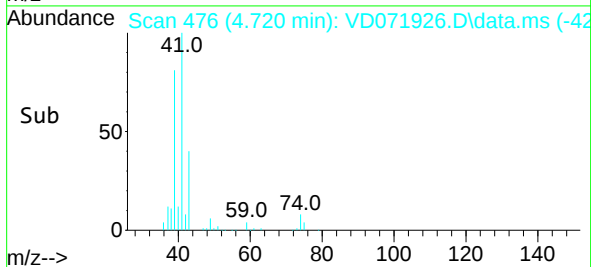
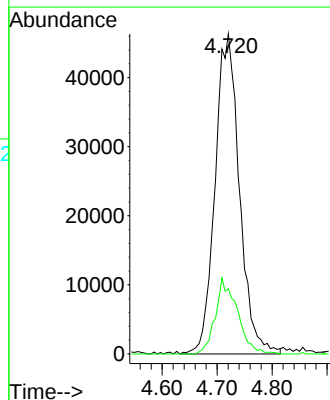
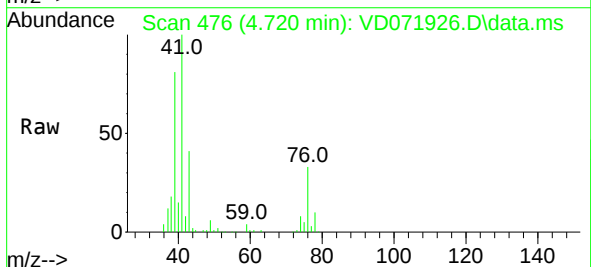
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

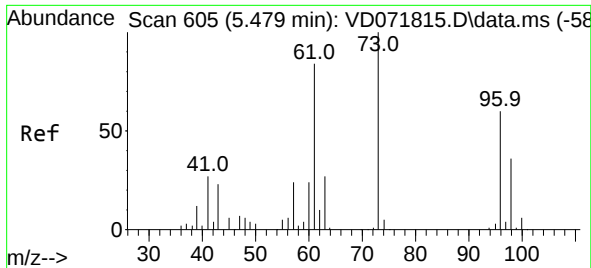
Tgt Ion: 76 Resp: 656174
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 48.252 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 43 Resp: 142640
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1

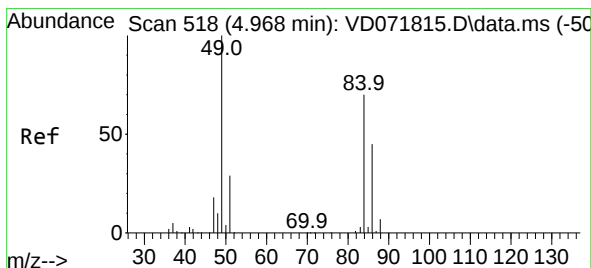
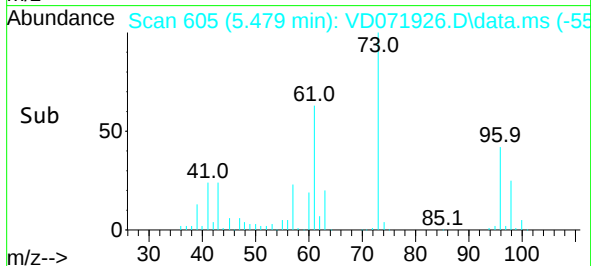
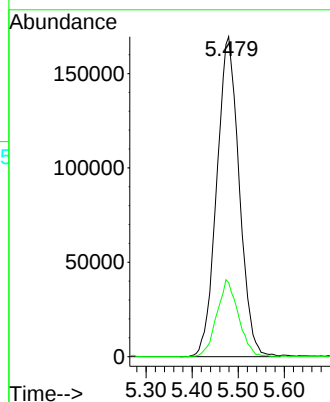
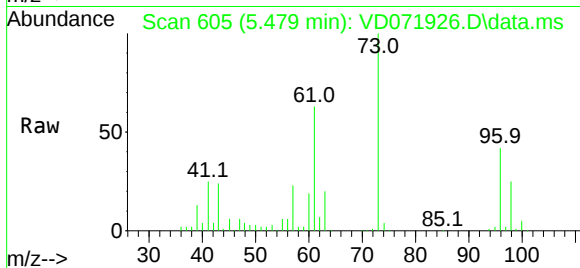




#19
Methyl tert-butyl Ether
Concen: 55.216 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

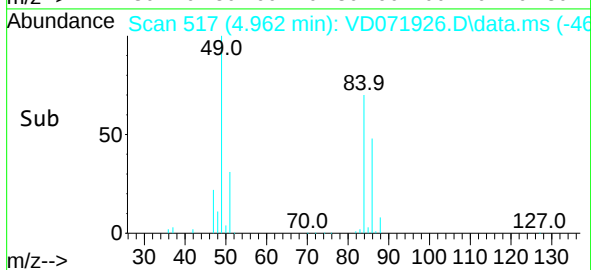
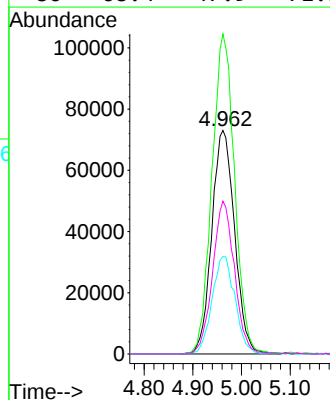
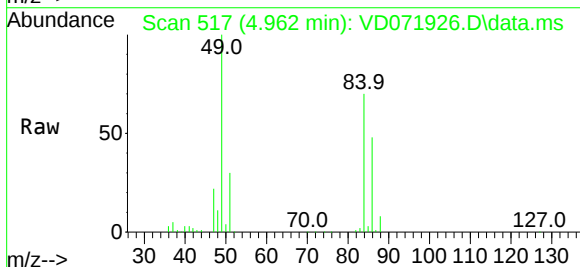
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

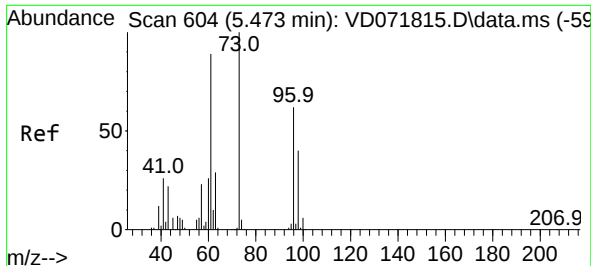
Tgt Ion: 73 Resp: 573478
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0



#20
Methylene Chloride
Concen: 47.503 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 84 Resp: 237997
Ion Ratio Lower Upper
84 100
49 143.2 112.8 169.2
51 43.6 32.6 48.8
86 68.4 47.9 71.9

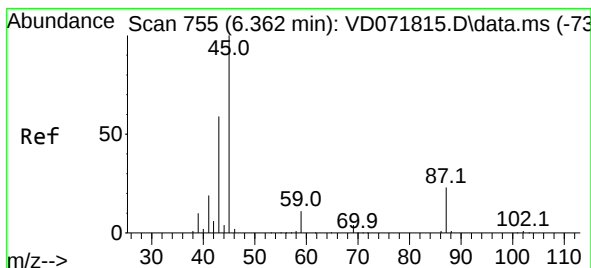
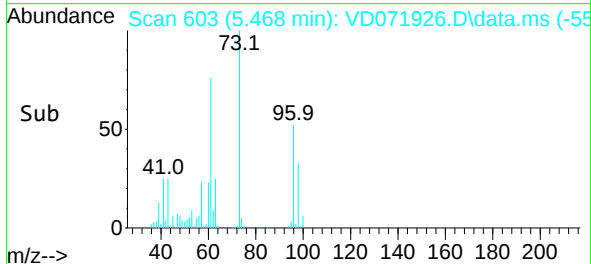
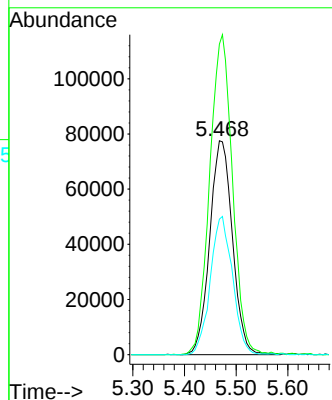
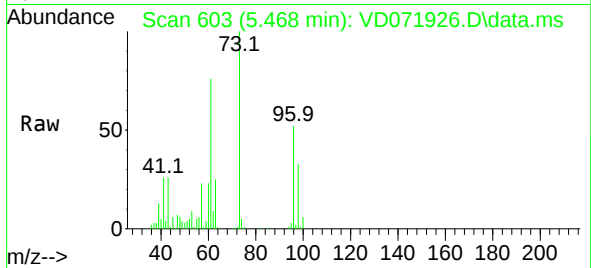




#21
trans-1,2-Dichloroethene
Concen: 46.870 ug/l
RT: 5.468 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

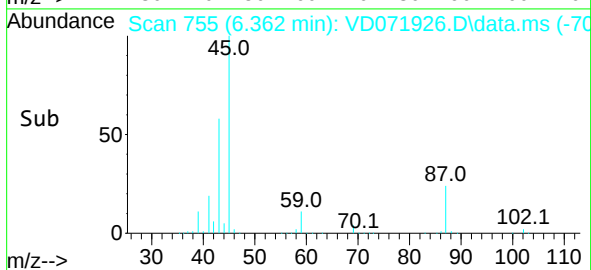
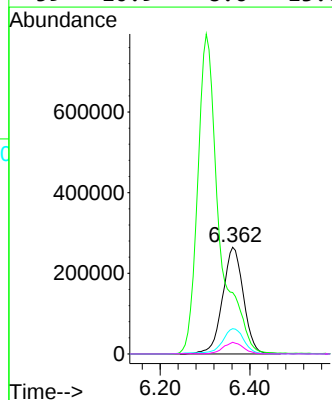
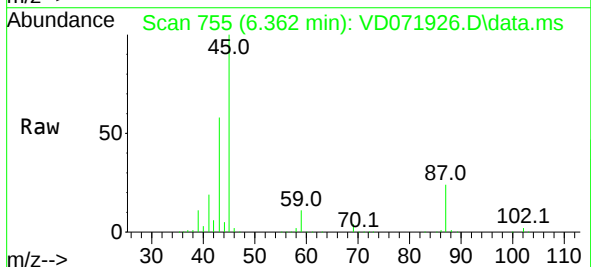
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

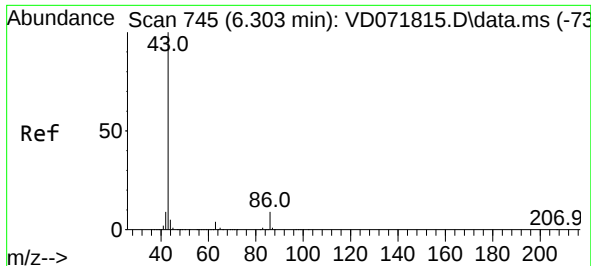
Tgt Ion: 96 Resp: 236888
Ion Ratio Lower Upper
96 100
61 145.1 117.9 176.9
98 63.4 49.4 74.2



#22
Diisopropyl ether
Concen: 52.796 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 45 Resp: 856323
Ion Ratio Lower Upper
45 100
43 56.7 46.6 70.0
87 23.6 18.4 27.6
59 10.9 8.6 13.0

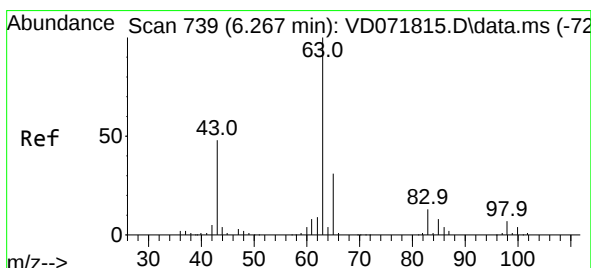
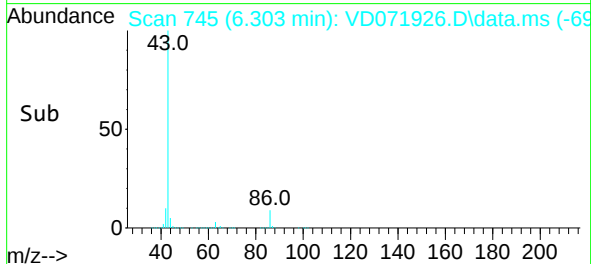
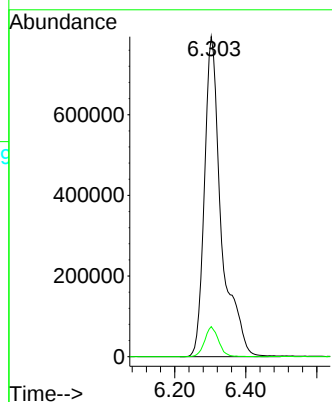
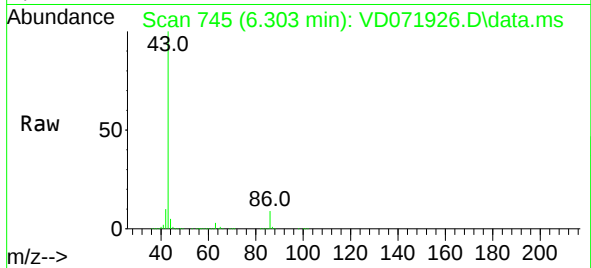




#23
 Vinyl Acetate
 Concen: 294.368 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD071926.D
 Acq: 08 Feb 2022 19:09

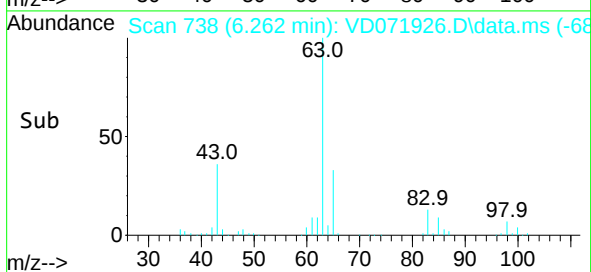
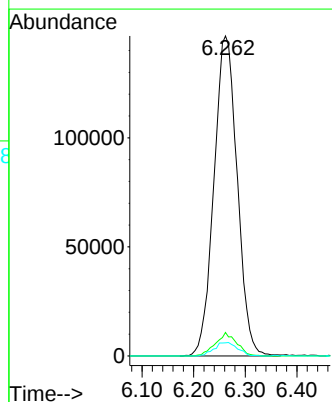
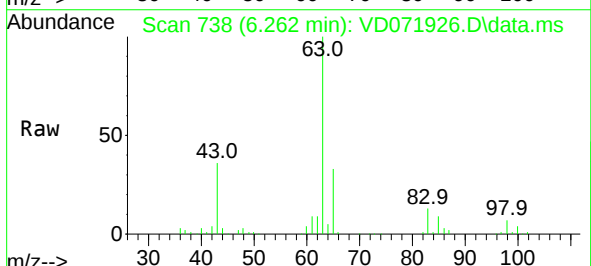
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

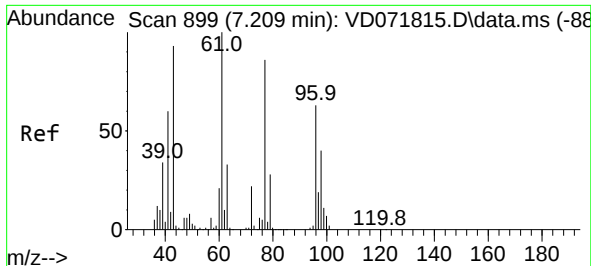
Tgt Ion: 43 Resp: 2633895
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.526 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD071926.D
 Acq: 08 Feb 2022 19:09

Tgt Ion: 63 Resp: 458755
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.1 2.1 6.5

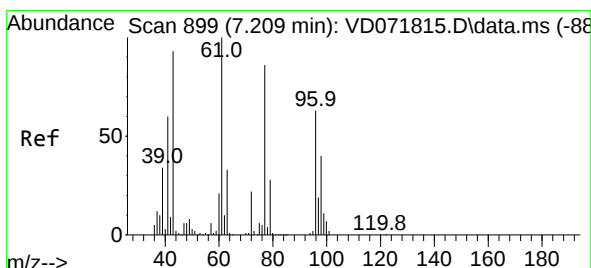
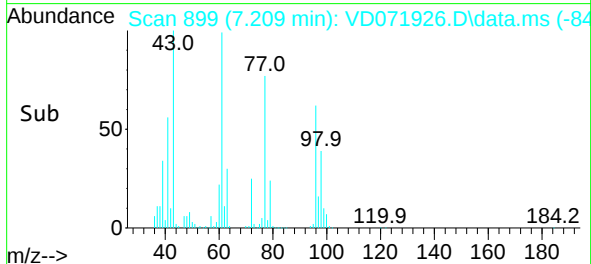
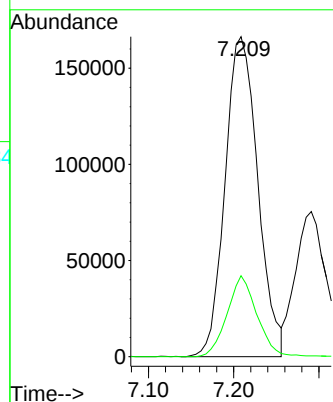
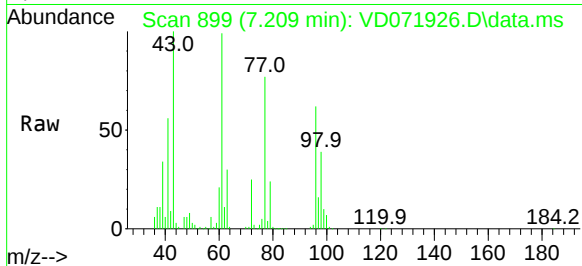




#25
2-Butanone
Concen: 278.751 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

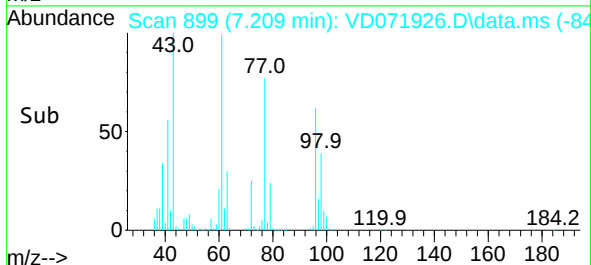
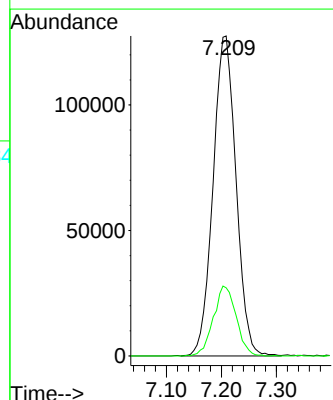
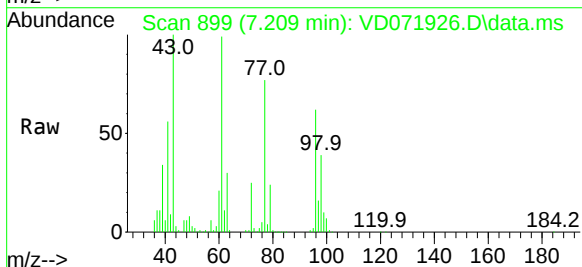
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

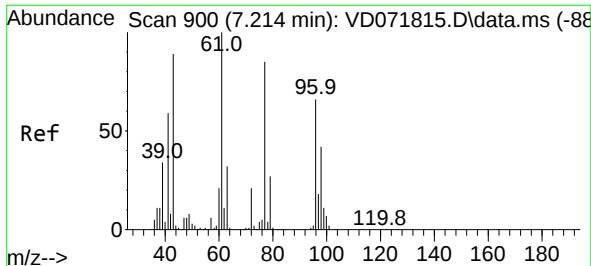
Tgt Ion: 43 Resp: 444306
Ion Ratio Lower Upper
43 100
72 25.3 18.6 27.8



#26
2,2-Dichloropropane
Concen: 47.361 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 77 Resp: 370515
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.4

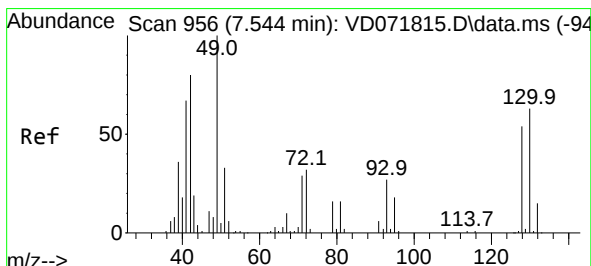
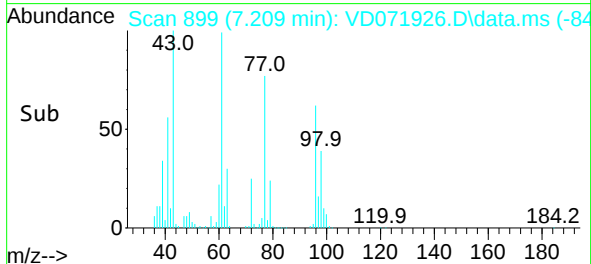
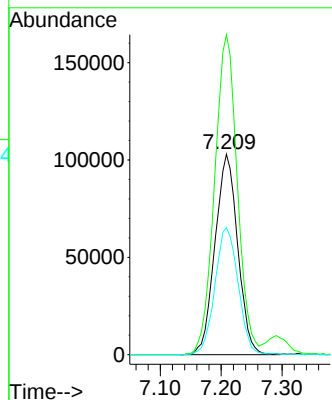
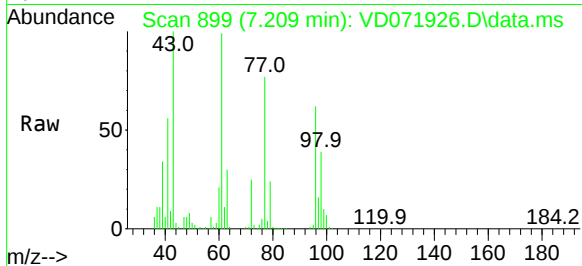




#27
 cis-1,2-Dichloroethene
 Concen: 49.170 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD071926.D
 Acq: 08 Feb 2022 19:09

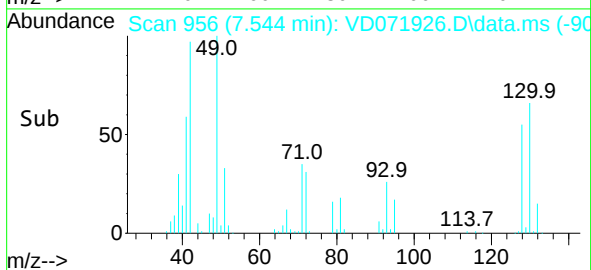
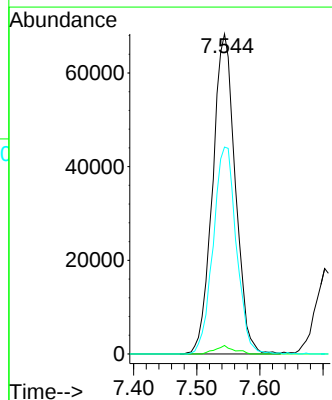
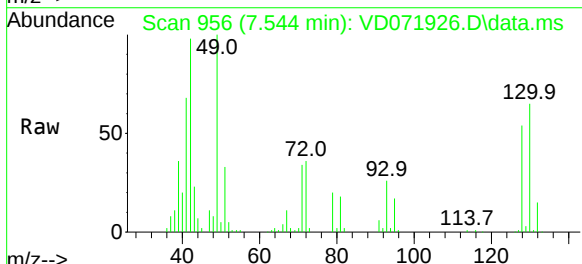
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

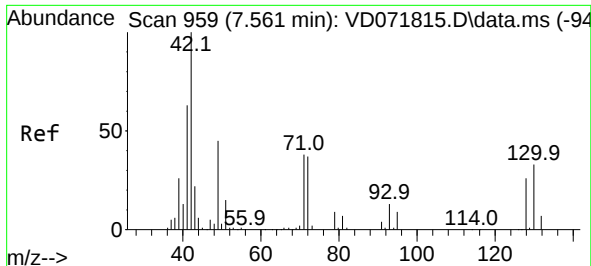
Tgt Ion: 96 Resp: 266913
 Ion Ratio Lower Upper
 96 100
 61 159.4 0.0 313.8
 98 64.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 47.827 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.006 min
 Lab File: VD071926.D
 Acq: 08 Feb 2022 19:09

Tgt Ion: 49 Resp: 170539
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 66.1 52.6 79.0





#29

Tetrahydrofuran

Concen: 293.874 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

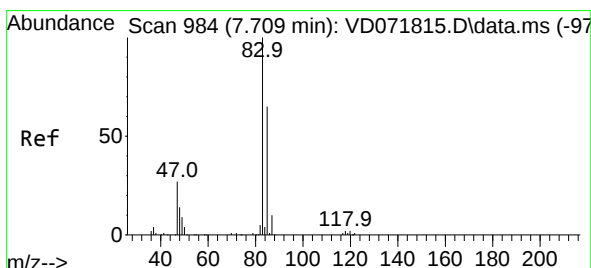
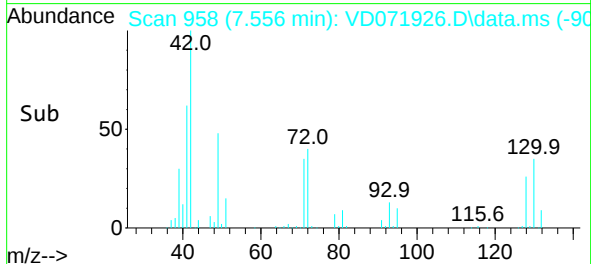
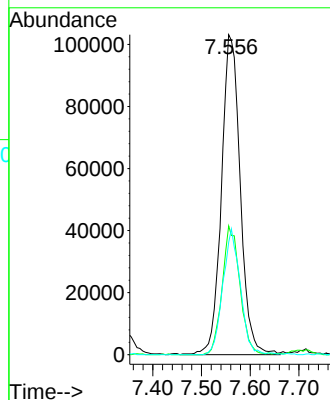
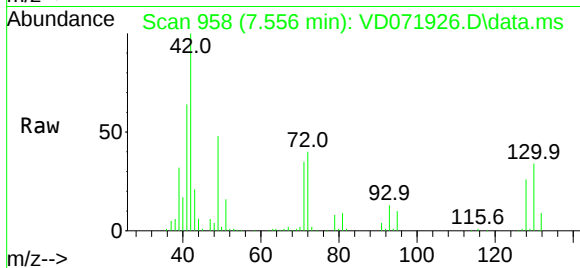
Tgt Ion: 42 Resp: 277153

Ion Ratio Lower Upper

42 100

72 37.8 30.7 46.1

71 36.3 28.6 43.0



#30

Chloroform

Concen: 48.928 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD071926.D

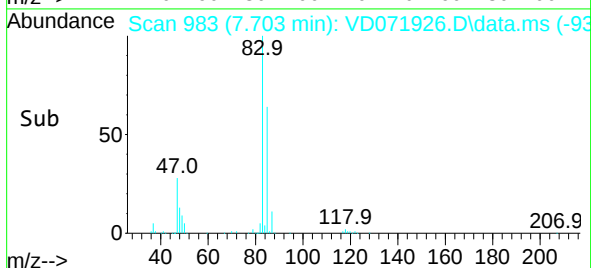
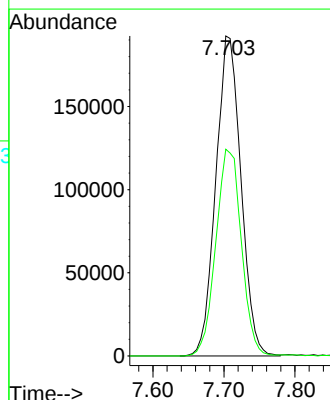
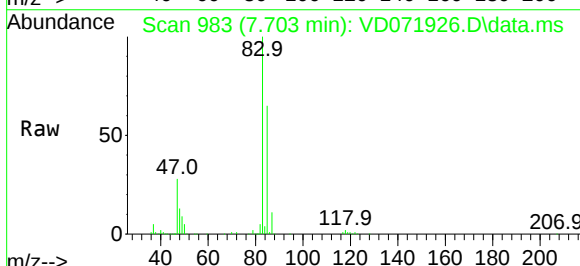
Acq: 08 Feb 2022 19:09

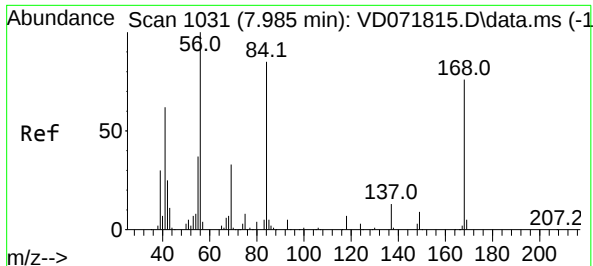
Tgt Ion: 83 Resp: 472560

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1





#31

Cyclohexane

Concen: 44.639 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

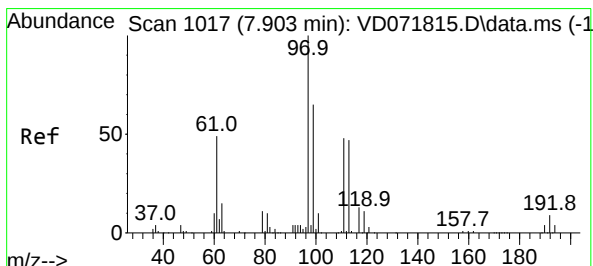
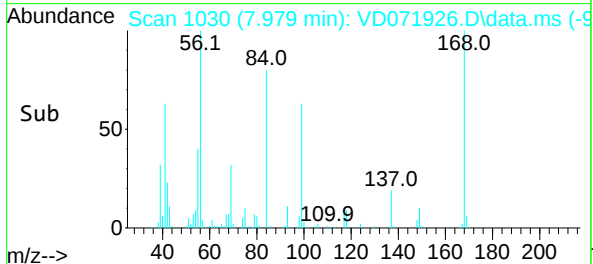
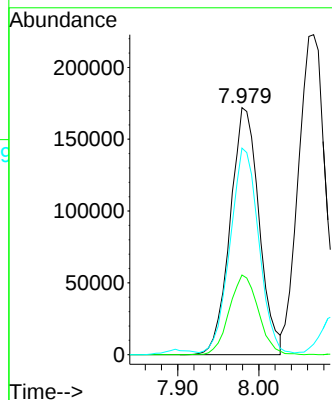
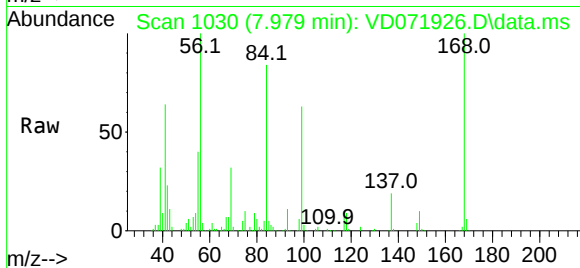
Tgt Ion: 56 Resp: 425652

Ion Ratio Lower Upper

56 100

69 32.3 25.4 38.2

84 82.0 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.408 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

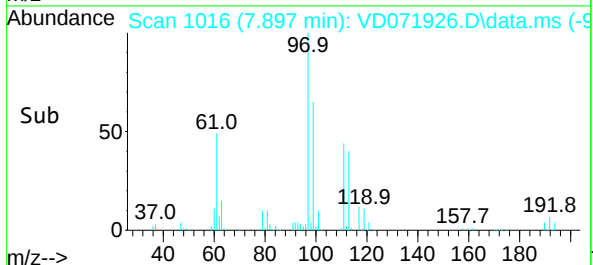
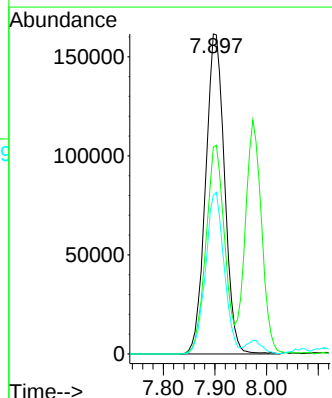
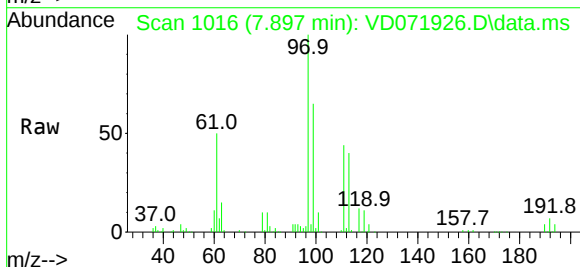
Tgt Ion: 97 Resp: 412385

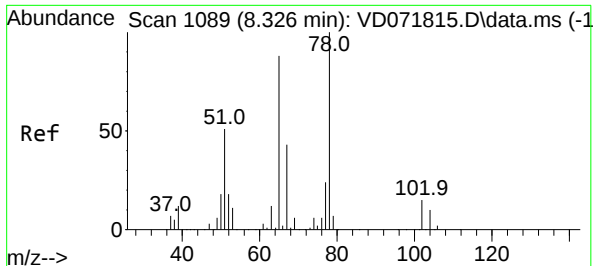
Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 49.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 57.132 ug/l

RT: 8.326 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

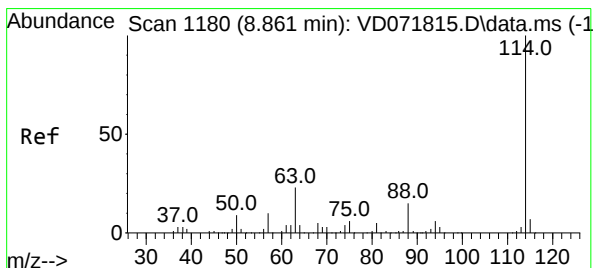
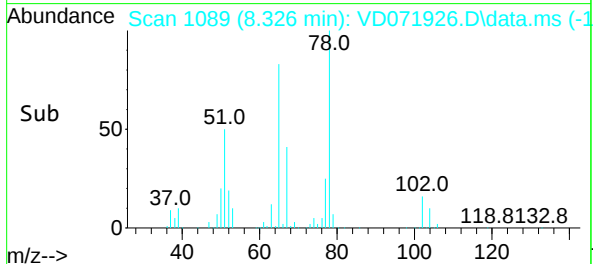
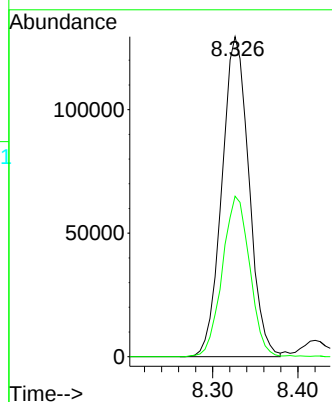
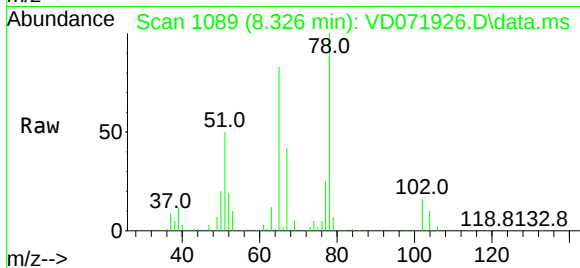
VSTDCCC050EC

Tgt Ion: 65 Resp: 285357

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

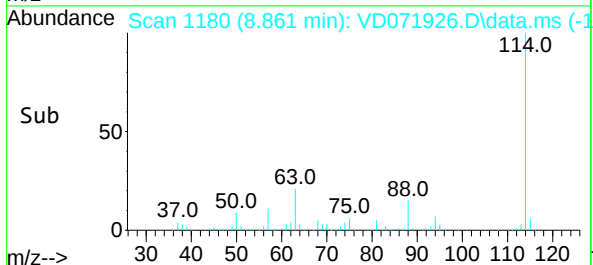
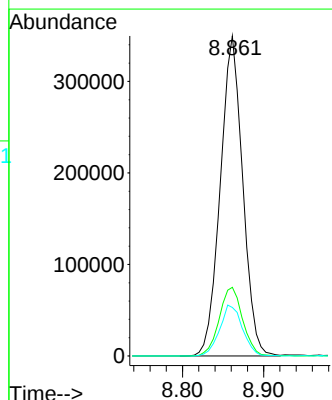
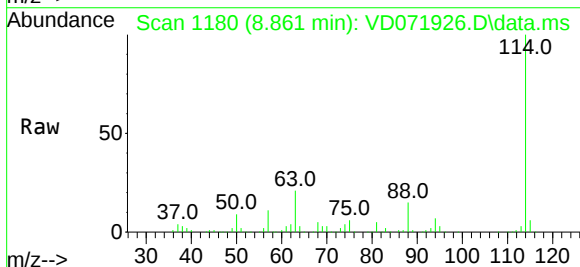
Tgt Ion: 114 Resp: 671352

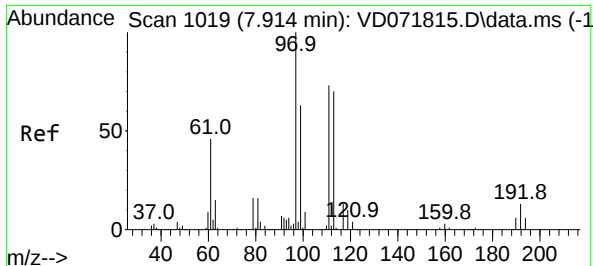
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.541 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

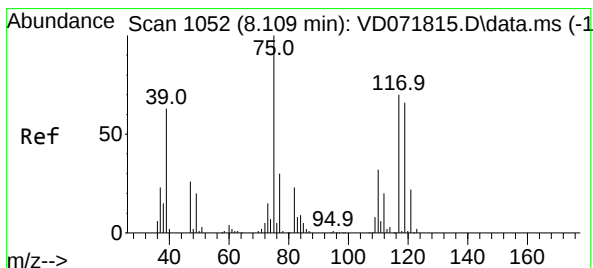
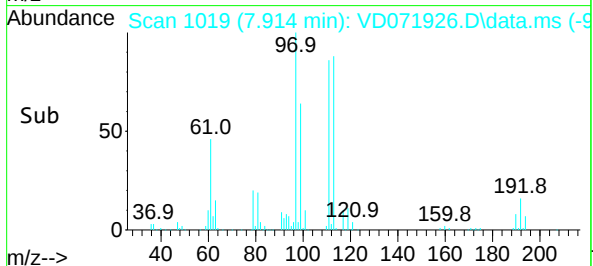
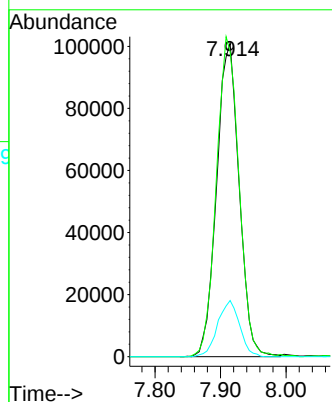
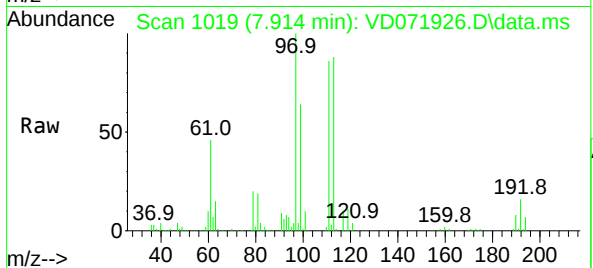
Tgt Ion:113 Resp: 240689

Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 47.481 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

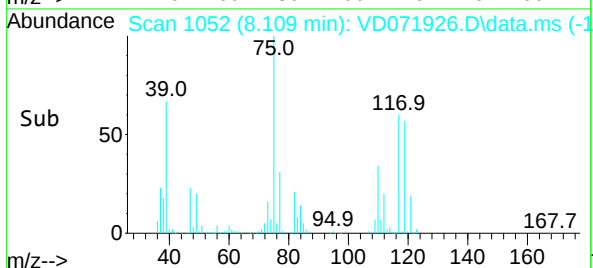
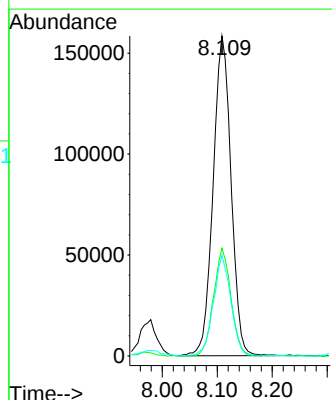
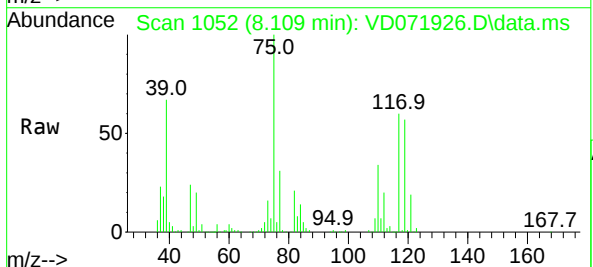
Tgt Ion: 75 Resp: 359634

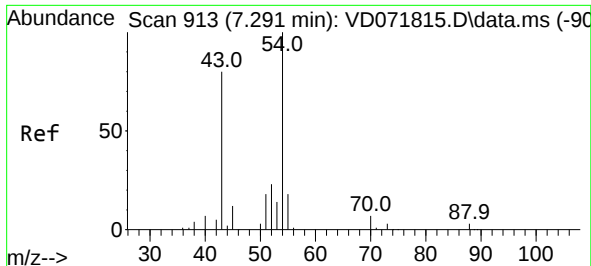
Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.1

77 30.5 24.2 36.2





#37

Ethyl Acetate

Concen: 55.826 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

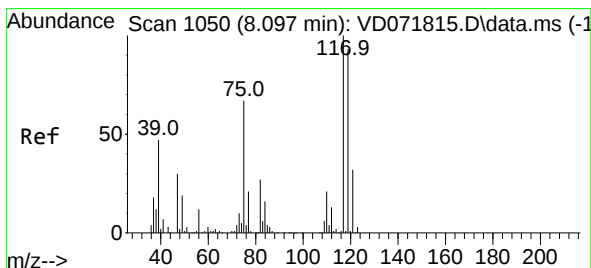
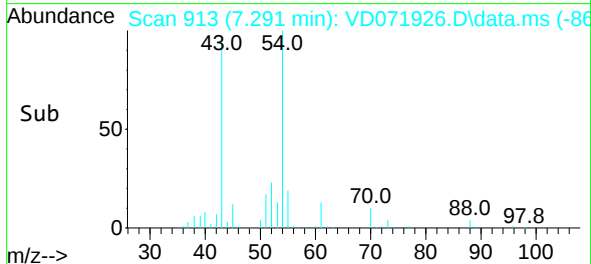
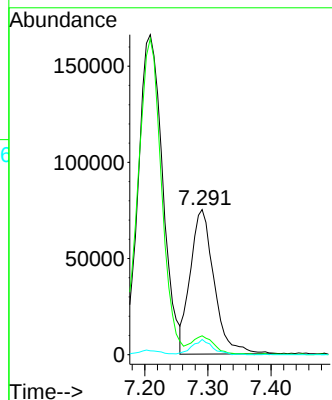
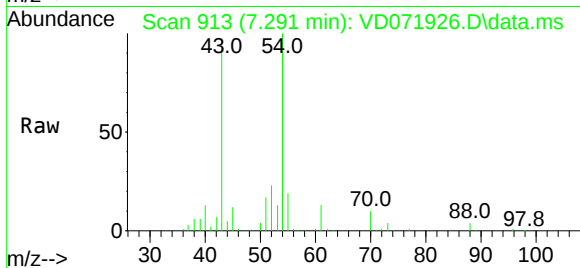
Tgt Ion: 43 Resp: 196589

Ion Ratio Lower Upper

43 100

61 12.0 9.8 14.8

70 8.4 6.9 10.3



#38

Carbon Tetrachloride

Concen: 48.640 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

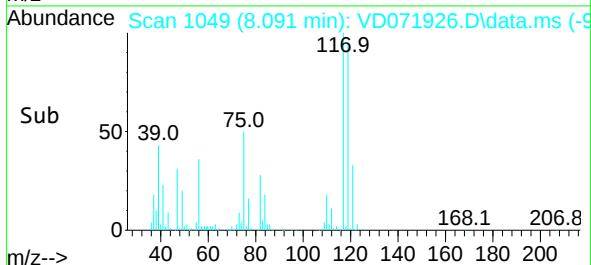
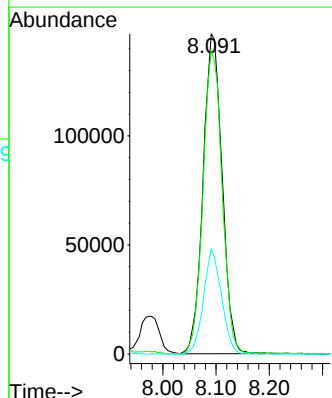
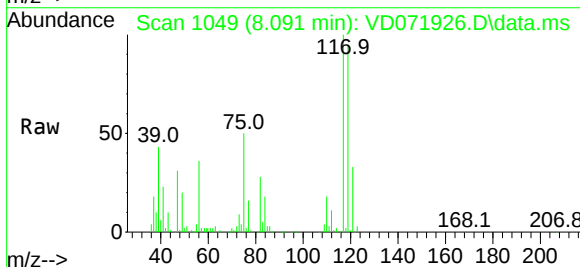
Tgt Ion: 117 Resp: 364329

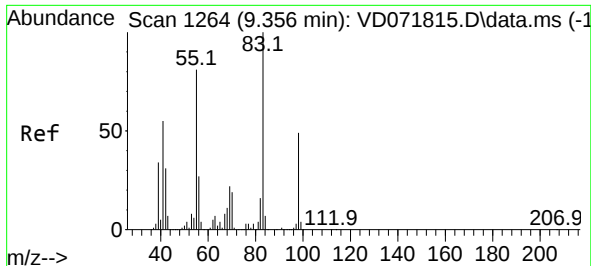
Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.6

121 32.7 24.5 36.7





#39

Methylcyclohexane

Concen: 47.089 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

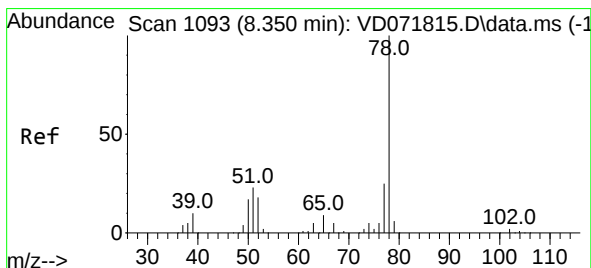
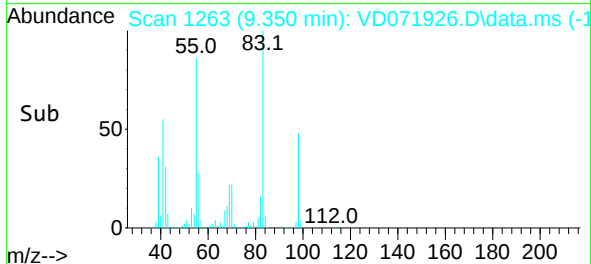
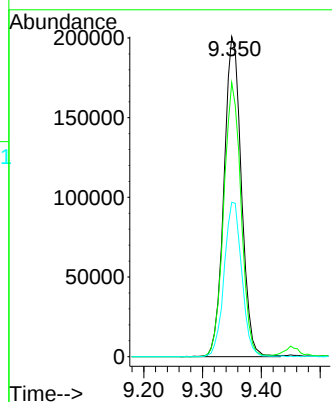
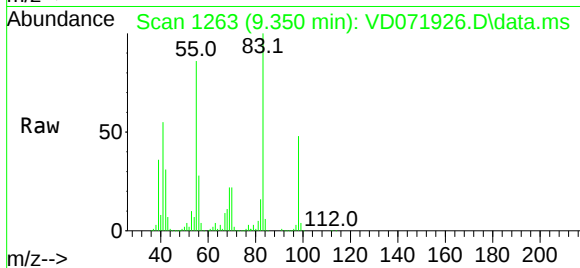
Tgt Ion: 83 Resp: 413261

Ion Ratio Lower Upper

83 100

55 85.6 63.2 94.8

98 48.3 38.2 57.4



#40

Benzene

Concen: 47.675 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071926.D

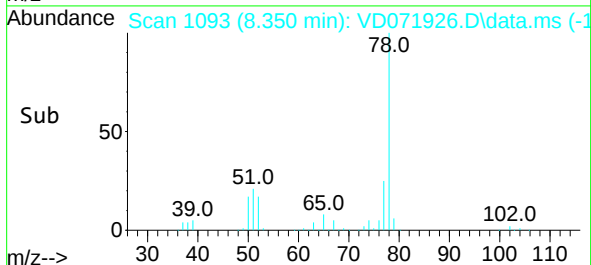
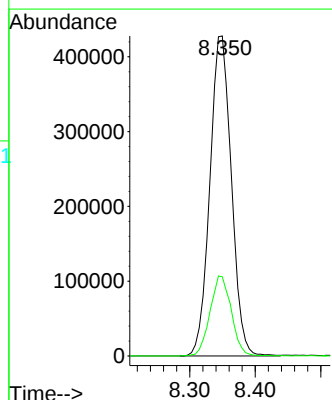
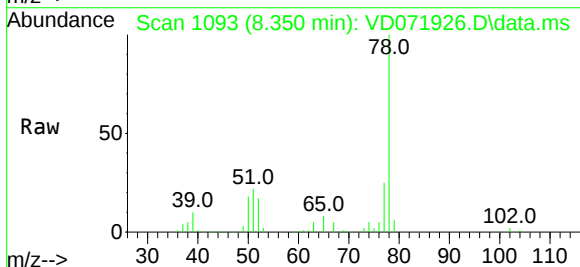
Acq: 08 Feb 2022 19:09

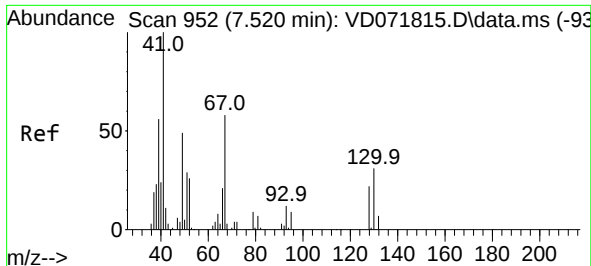
Tgt Ion: 78 Resp: 974746

Ion Ratio Lower Upper

78 100

77 24.7 19.1 28.7

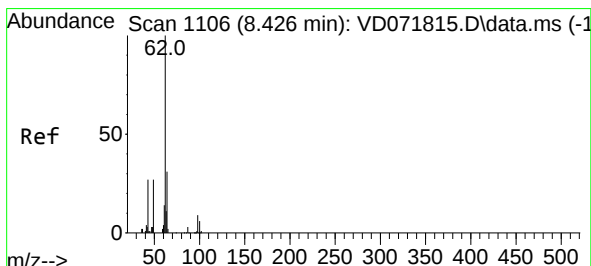
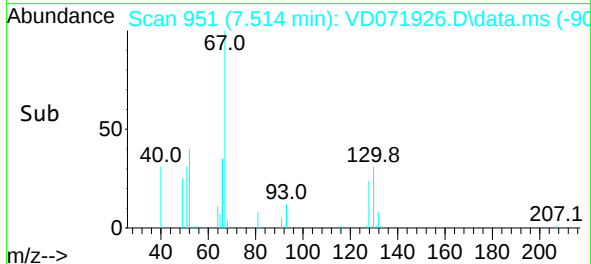
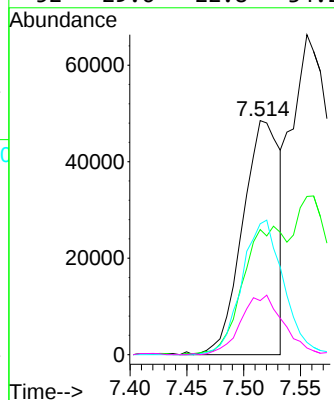
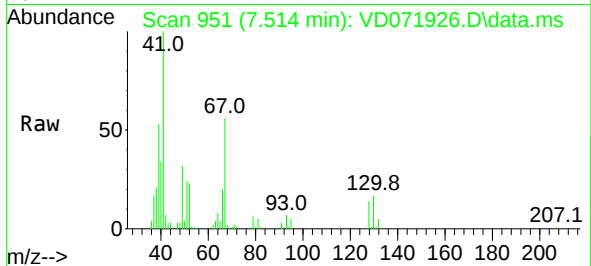




#41
Methacrylonitrile
Concen: 55.156 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

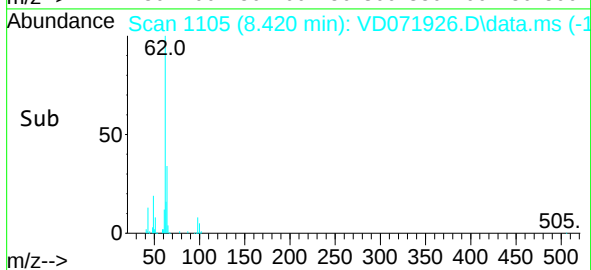
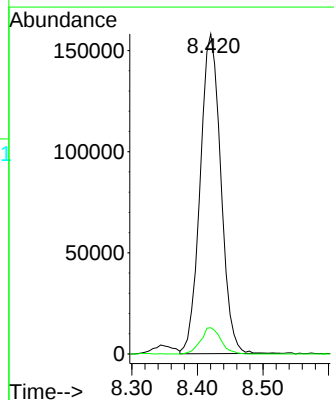
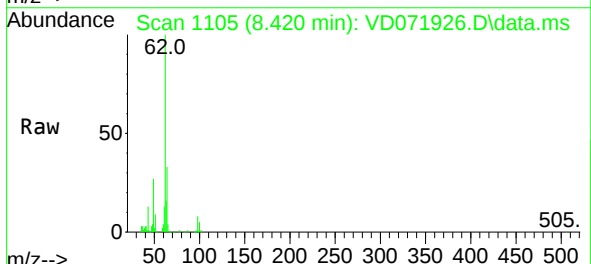
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

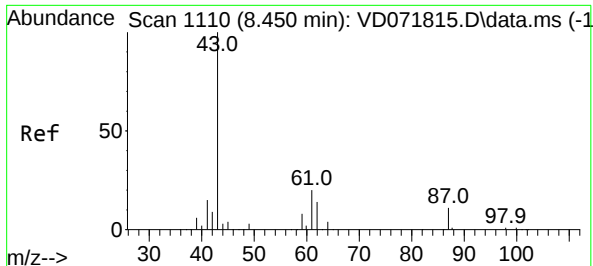
Tgt Ion: 41 Resp: 109883
Ion Ratio Lower Upper
41 100
39 63.2 44.6 67.0
67 64.6 48.2 72.4
52 29.6 22.8 34.2



#42
1,2-Dichloroethane
Concen: 53.614 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 62 Resp: 346135
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.6

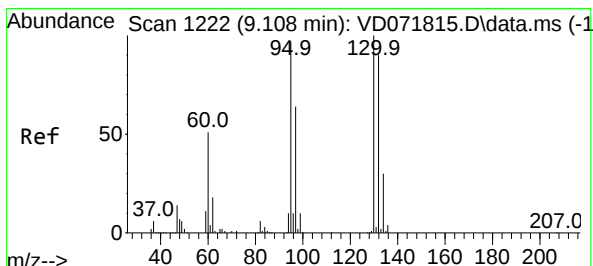
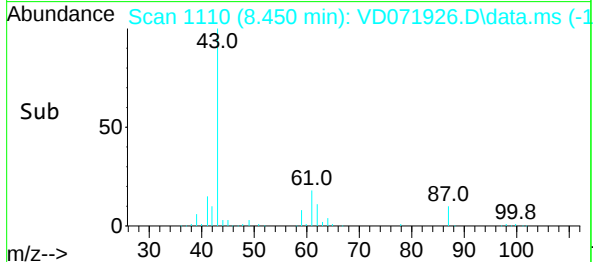
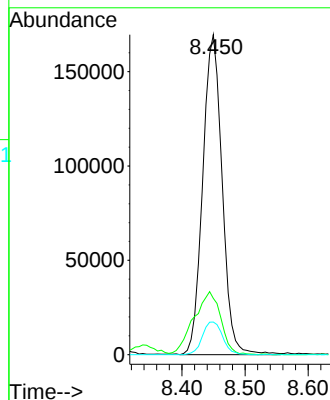
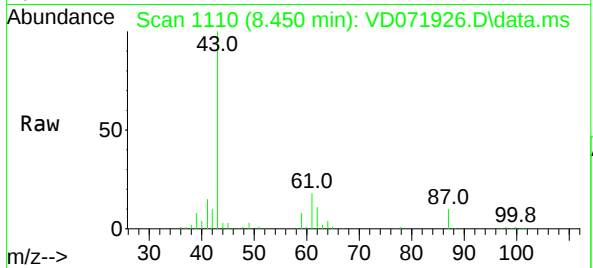




#43
Isopropyl Acetate
Concen: 57.228 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

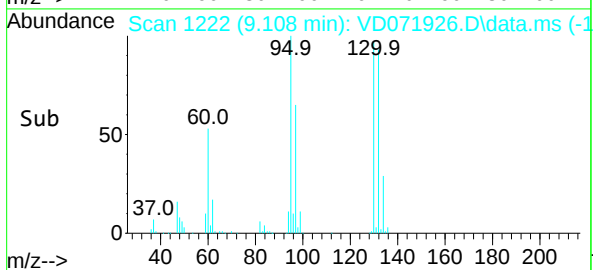
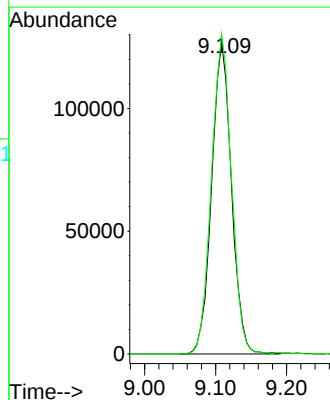
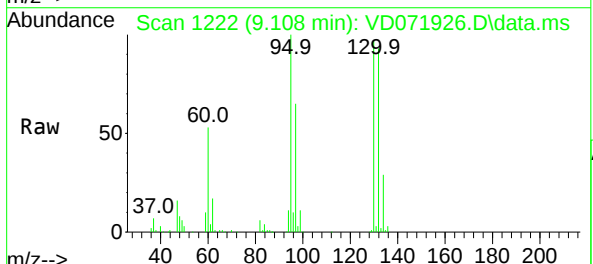
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

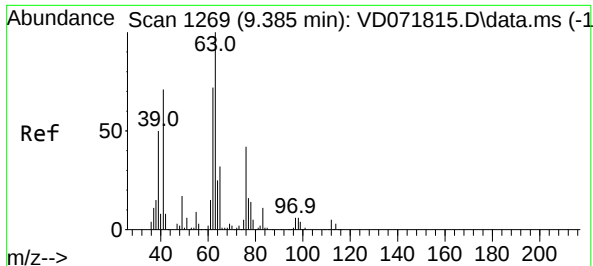
Tgt Ion: 43 Resp: 362209
Ion Ratio Lower Upper
43 100
61 27.4 22.4 33.6
87 10.7 8.7 13.1



#44
Trichloroethene
Concen: 46.656 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion:130 Resp: 246299
Ion Ratio Lower Upper
130 100
95 102.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.188 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

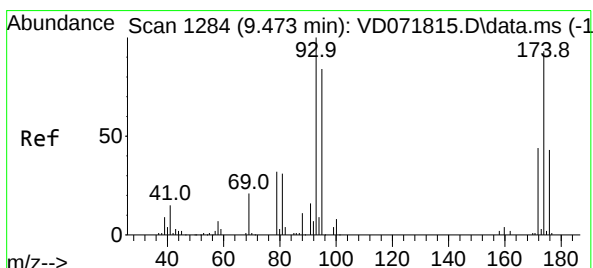
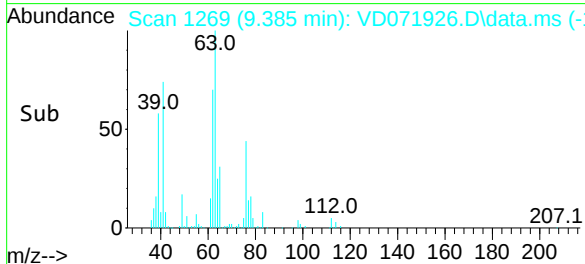
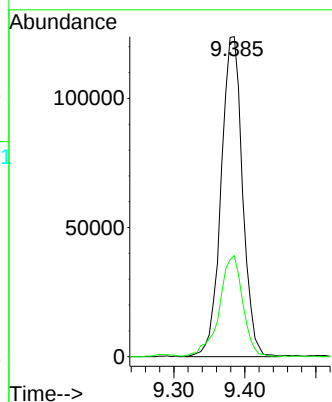
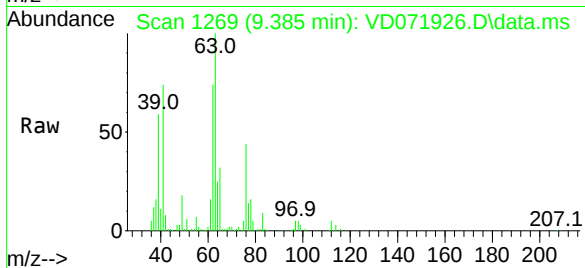
VSTDCCC050EC

Tgt Ion: 63 Resp: 259312

Ion Ratio Lower Upper

63 100

65 31.6 26.2 39.4



#46

Dibromomethane

Concen: 52.316 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

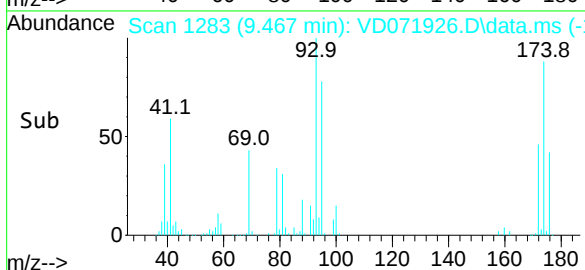
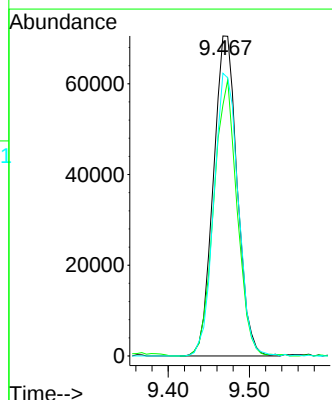
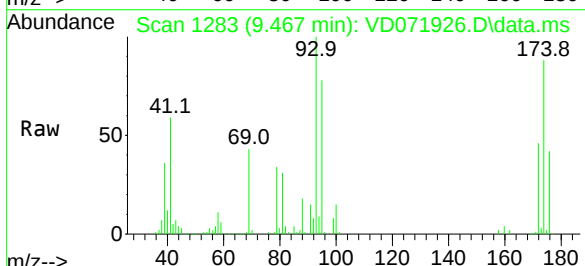
Tgt Ion: 93 Resp: 144412

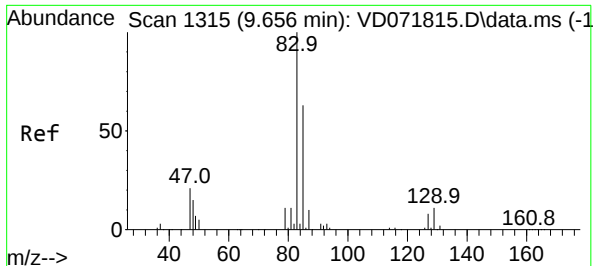
Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

174 89.7 71.6 107.4

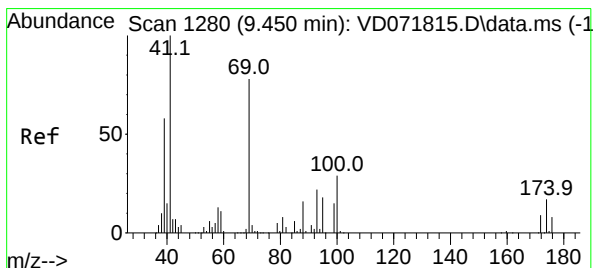
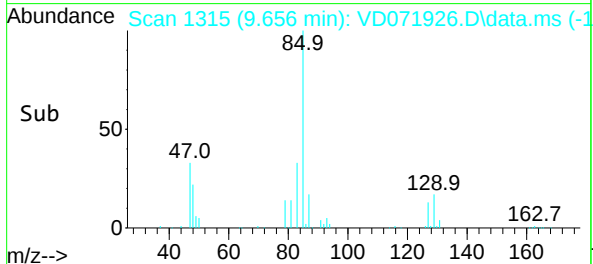
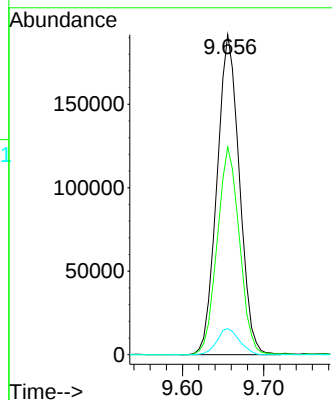
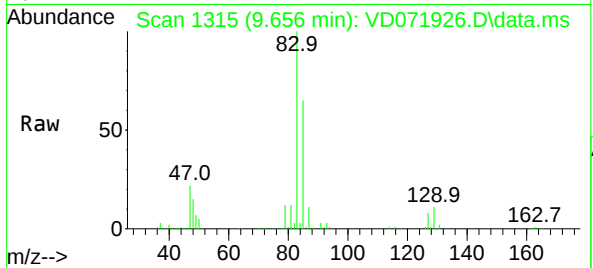




#47
Bromodichloromethane
Concen: 50.387 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

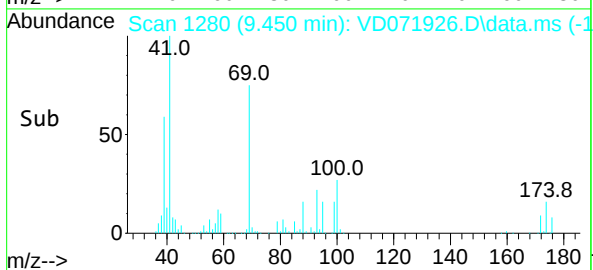
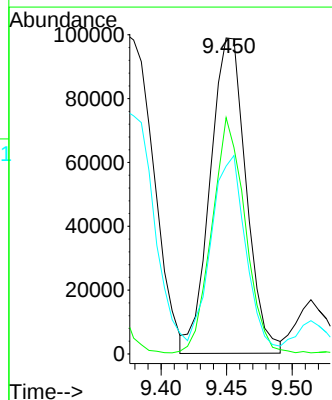
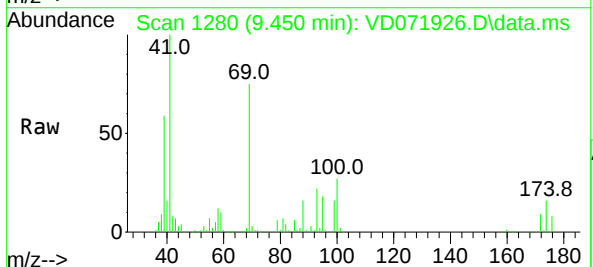
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

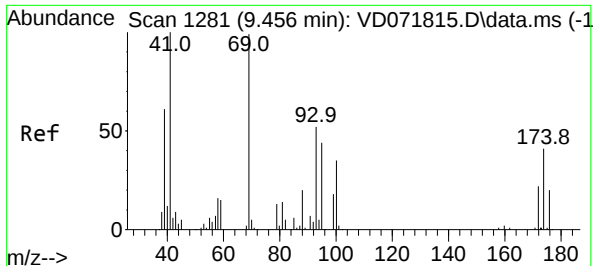
Tgt Ion: 83 Resp: 367845
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0
127 8.1 6.1 9.1



#48
Methyl methacrylate
Concen: 56.266 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 41 Resp: 188470
Ion Ratio Lower Upper
41 100
69 68.9 56.7 85.1
39 56.7 42.7 64.1





#49

1,4-Dioxane

Concen: 1160.987 ug/l

RT: 9.456 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

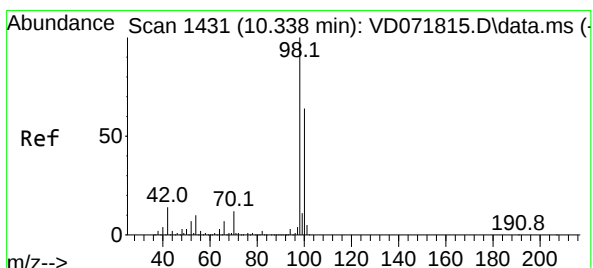
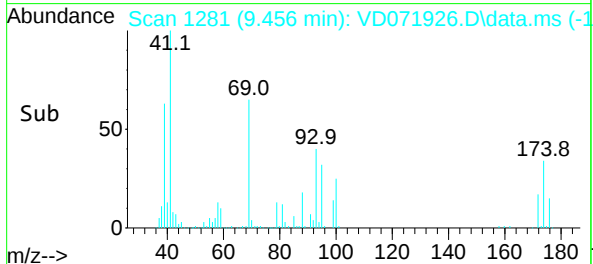
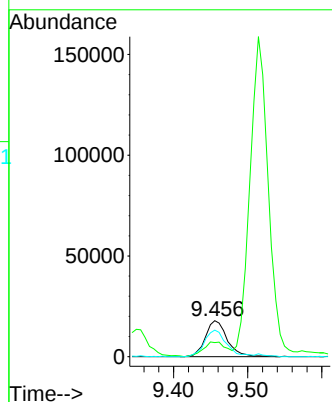
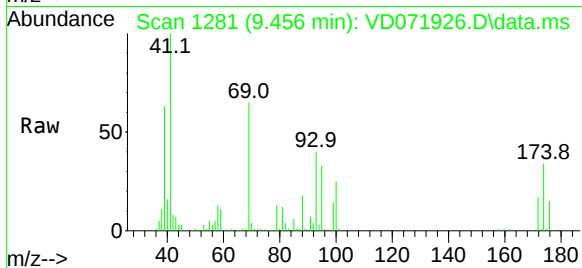
Tgt Ion: 88 Resp: 36579

Ion Ratio Lower Upper

88 100

43 43.2 31.0 46.4

58 74.7 58.1 87.1



#50

Toluene-d8

Concen: 51.914 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071926.D

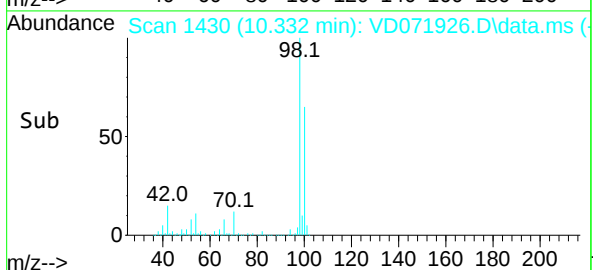
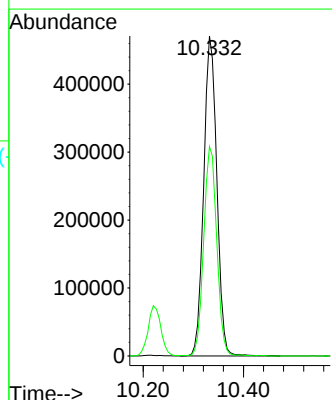
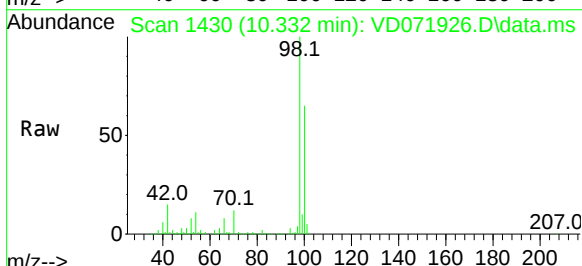
Acq: 08 Feb 2022 19:09

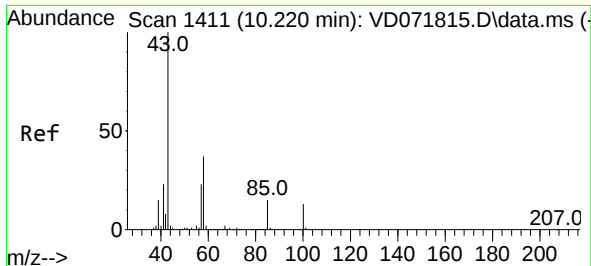
Tgt Ion: 98 Resp: 855602

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

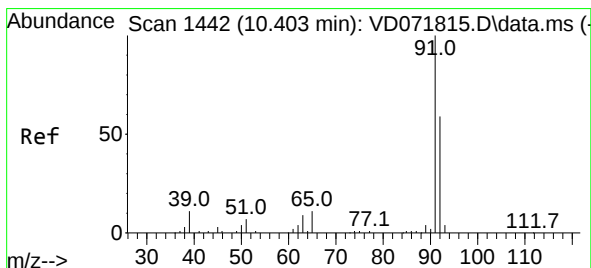
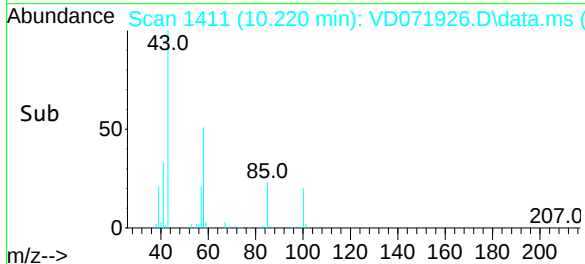
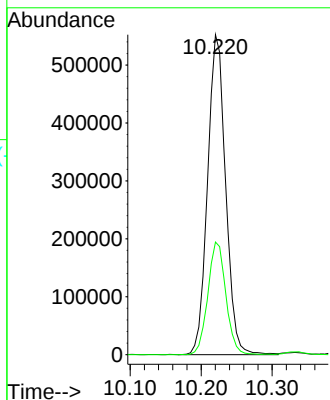
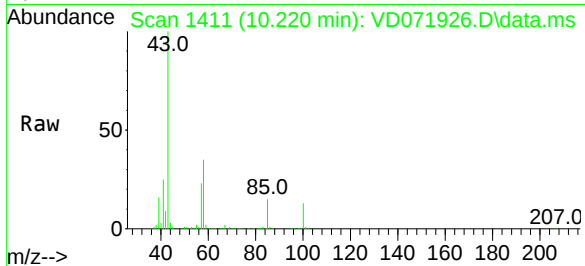




#51
4-Methyl-2-Pentanone
Concen: 294.784 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

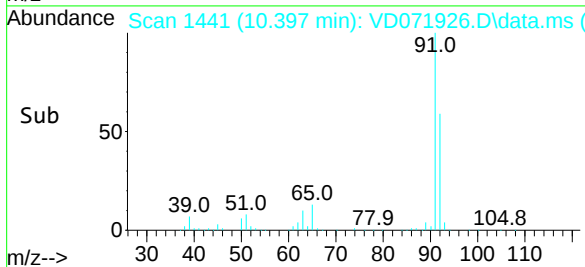
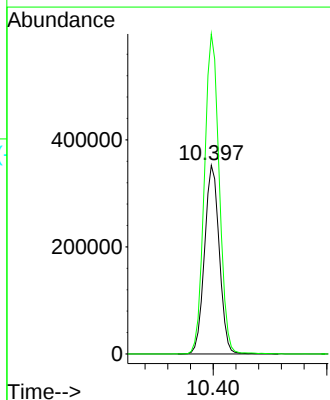
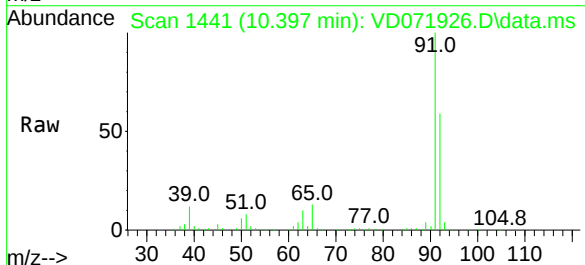
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

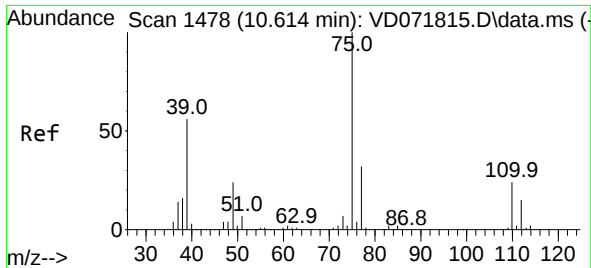
Tgt Ion: 43 Resp: 976355
Ion Ratio Lower Upper
43 100
58 35.1 28.6 43.0



#52
Toluene
Concen: 49.796 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 92 Resp: 633095
Ion Ratio Lower Upper
92 100
91 170.9 139.6 209.4

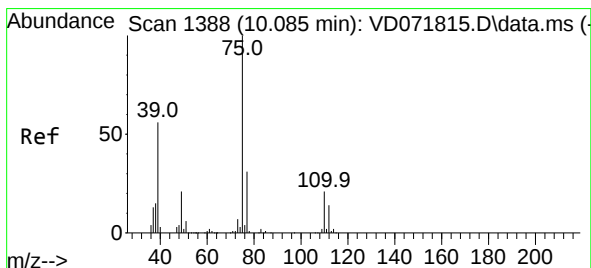
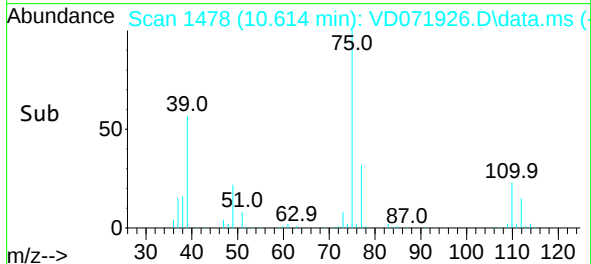
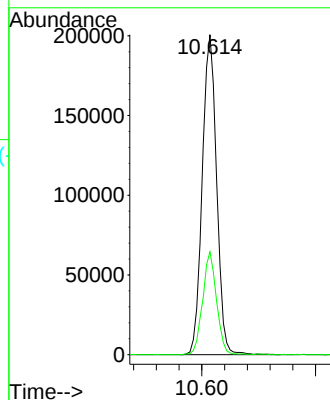
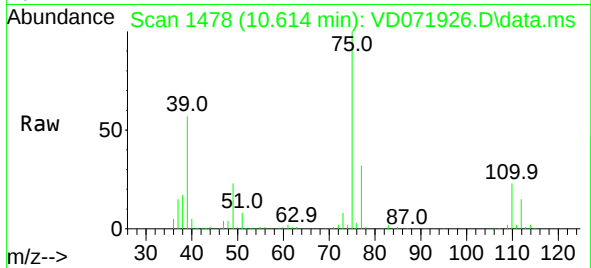




#53
t-1,3-Dichloropropene
Concen: 52.445 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

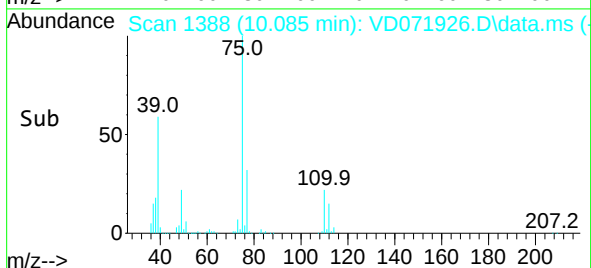
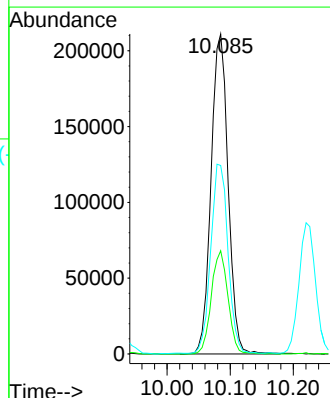
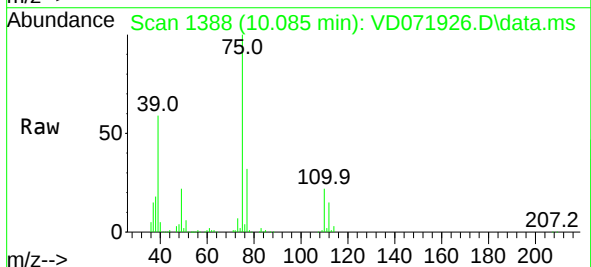
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

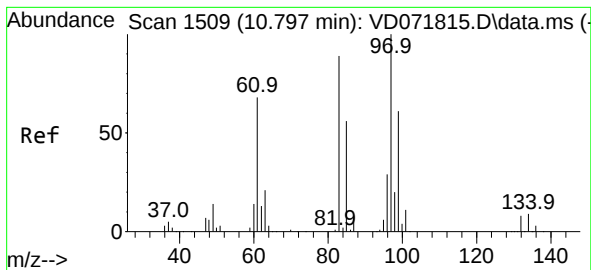
Tgt Ion: 75 Resp: 351647
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 50.386 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 75 Resp: 396008
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 58.6 46.8 70.2

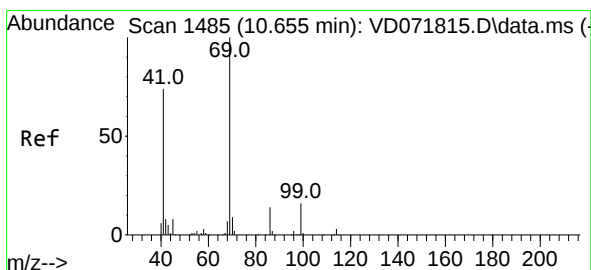
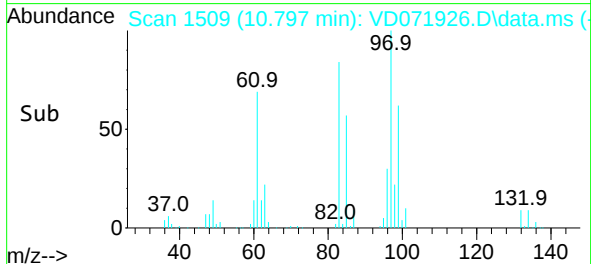
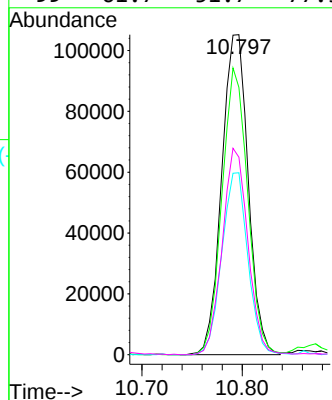
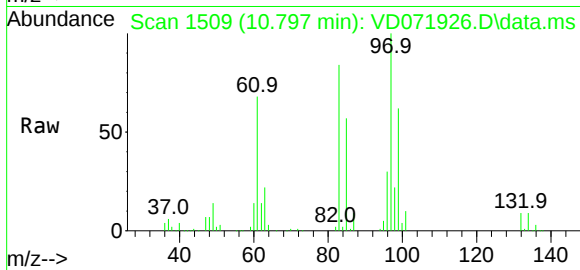




#55
1,1,2-Trichloroethane
Concen: 52.820 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

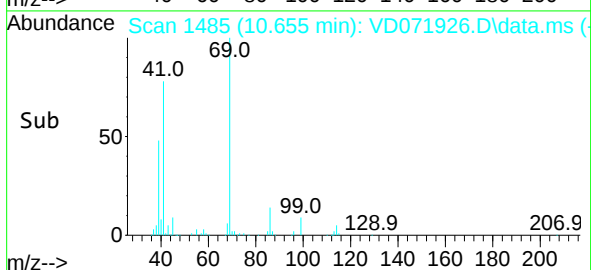
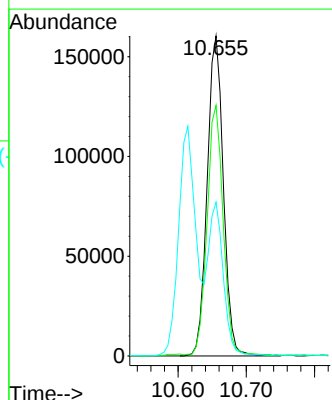
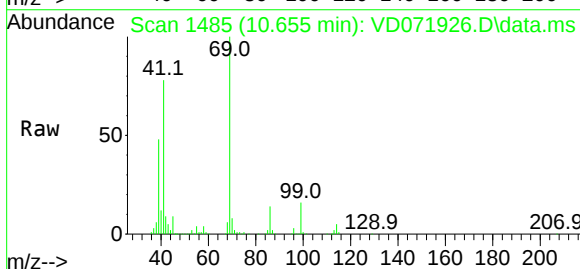
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

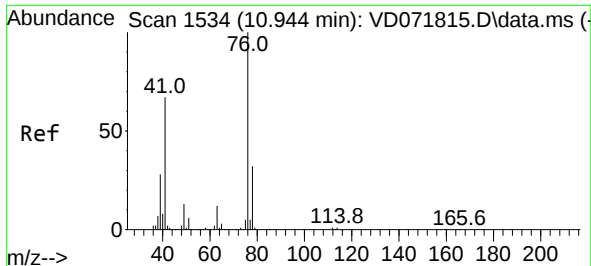
Tgt Ion:	97	Resp:	193505
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.0	103.4
85	56.8	42.6	63.8
99	61.7	51.7	77.5



#56
Ethyl methacrylate
Concen: 58.492 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion:	69	Resp:	265313
Ion	Ratio	Lower	Upper
69	100		
41	77.7	63.0	94.6
39	43.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 52.903 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

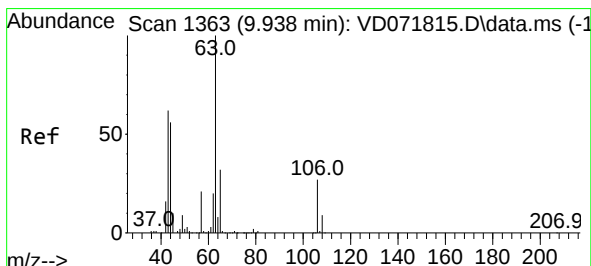
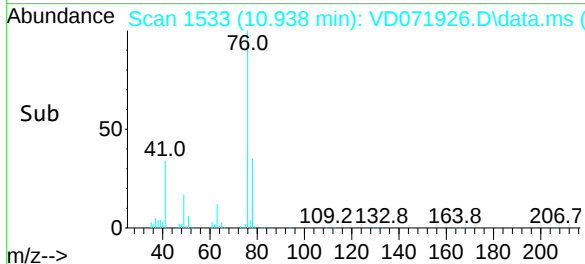
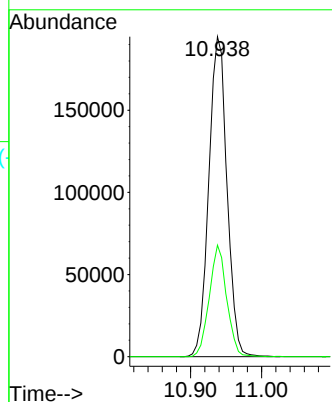
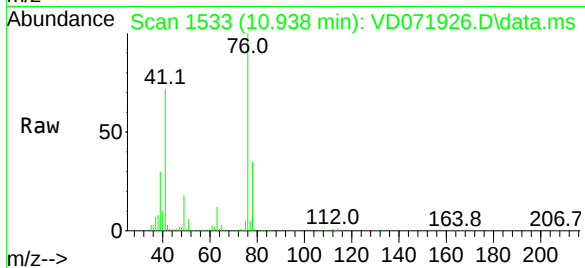
VSTDCCC050EC

Tgt Ion: 76 Resp: 346004

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 270.712 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD071926.D

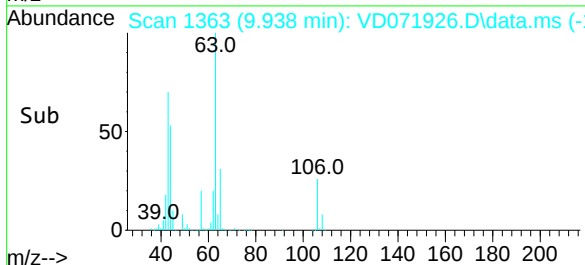
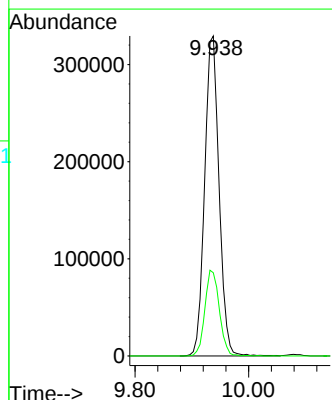
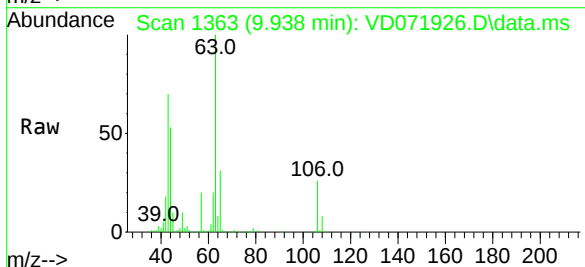
Acq: 08 Feb 2022 19:09

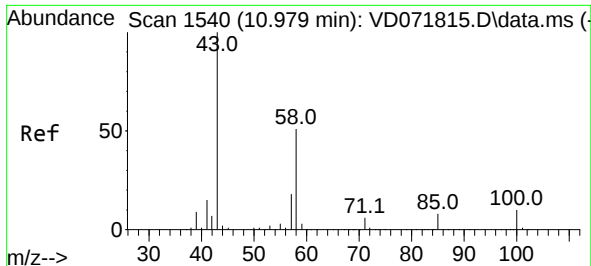
Tgt Ion: 63 Resp: 578040

Ion Ratio Lower Upper

63 100

106 26.9 21.4 32.0

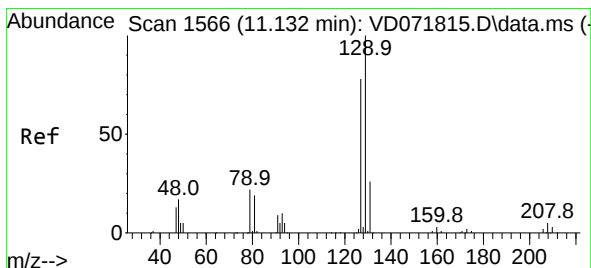
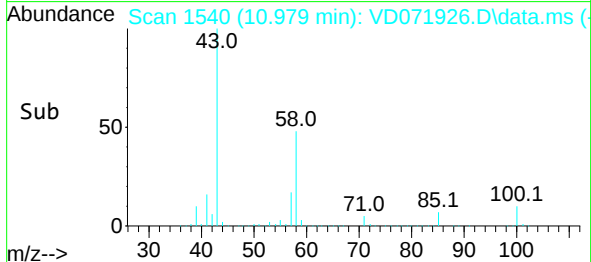
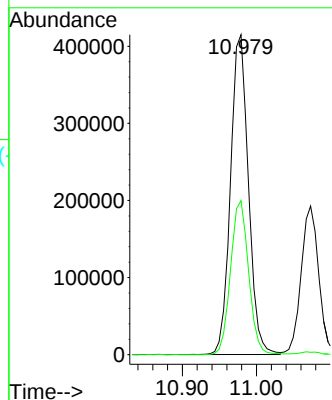
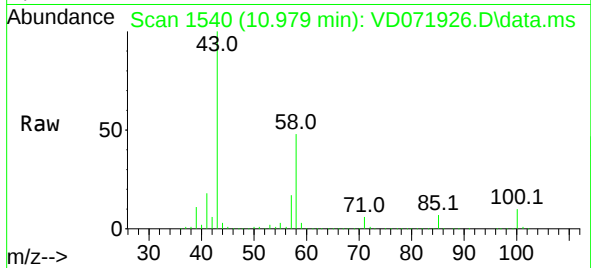




#59
2-Hexanone
Concen: 289.554 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

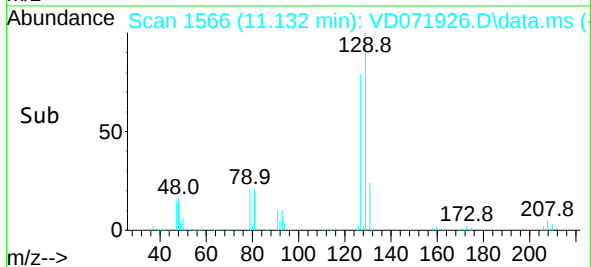
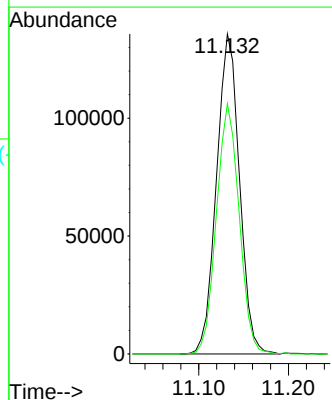
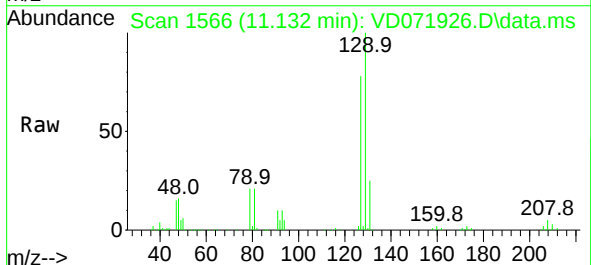
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

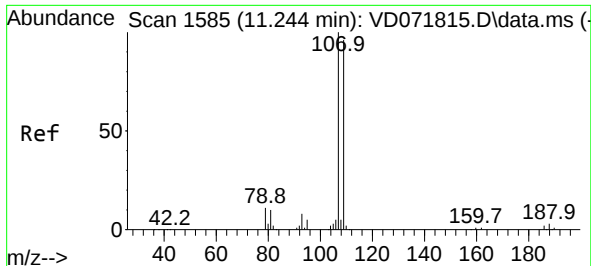
Tgt Ion: 43 Resp: 696072
Ion Ratio Lower Upper
43 100
58 48.6 25.3 75.9



#60
Dibromochloromethane
Concen: 53.295 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 129 Resp: 241102
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

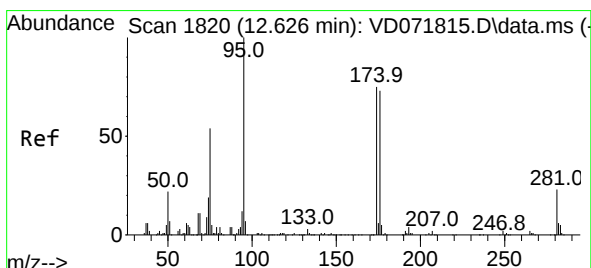
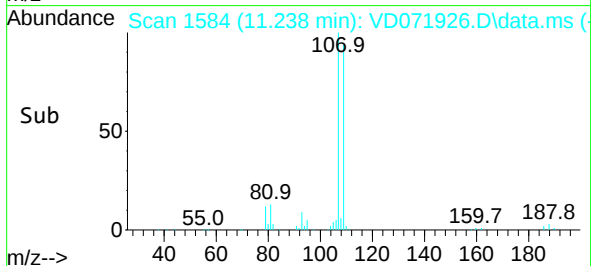
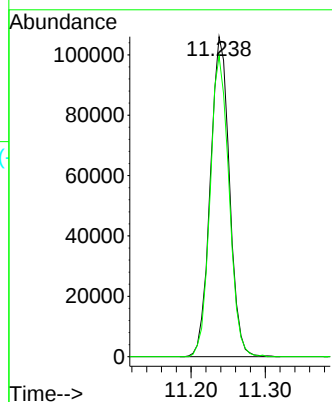
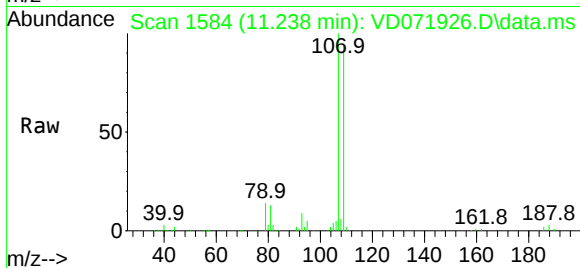




#61
1,2-Dibromoethane
Concen: 53.781 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

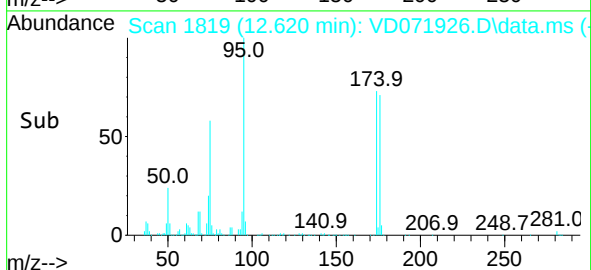
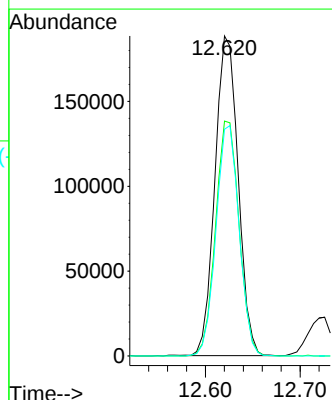
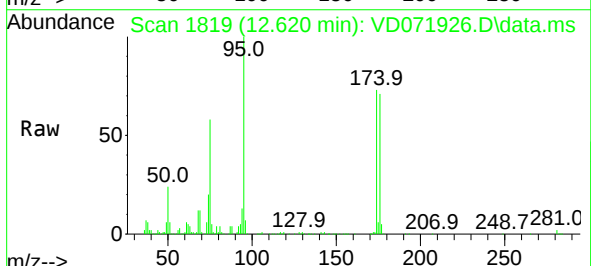
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

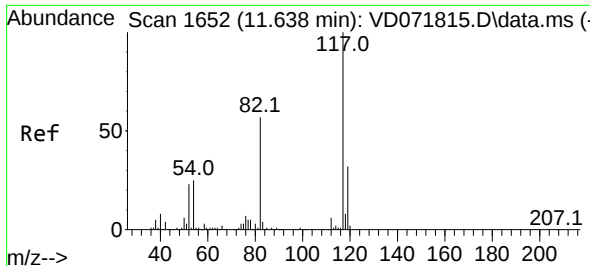
Tgt Ion:107 Resp: 189831
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.850 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 95 Resp: 321438
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 71.7 0.0 145.4

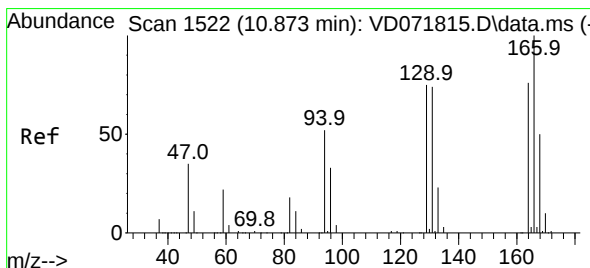
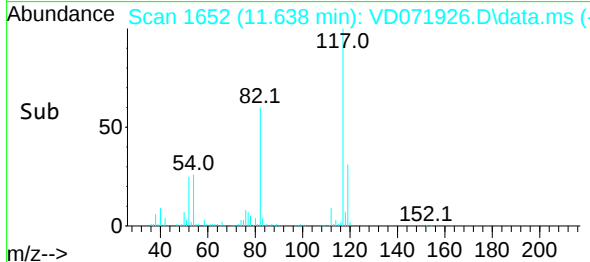
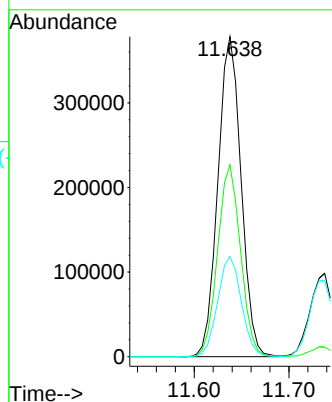
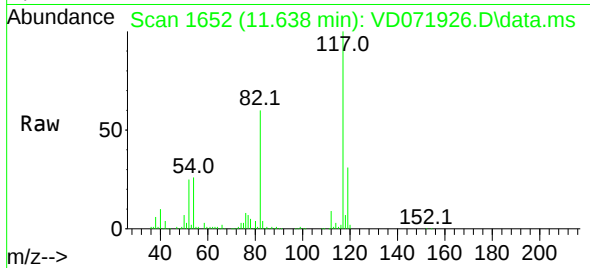




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

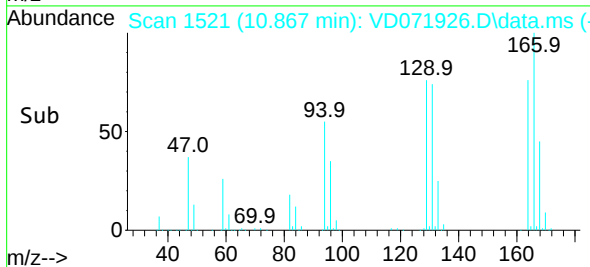
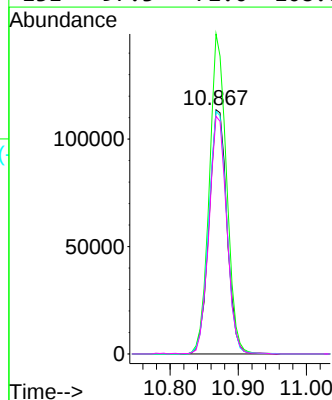
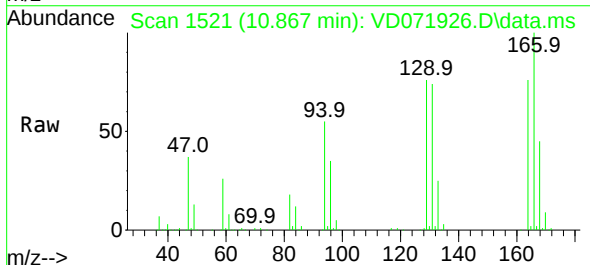
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

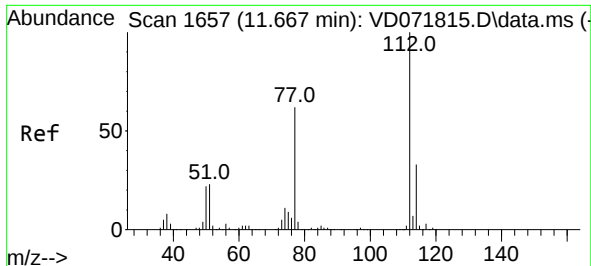
Tgt Ion:117 Resp: 644058
Ion Ratio Lower Upper
117 100
82 59.9 45.3 67.9
119 31.3 26.6 40.0



#64
Tetrachloroethene
Concen: 45.393 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion:164 Resp: 206799
Ion Ratio Lower Upper
164 100
166 131.1 98.5 147.7
129 99.4 74.6 111.8
131 97.3 72.0 108.0

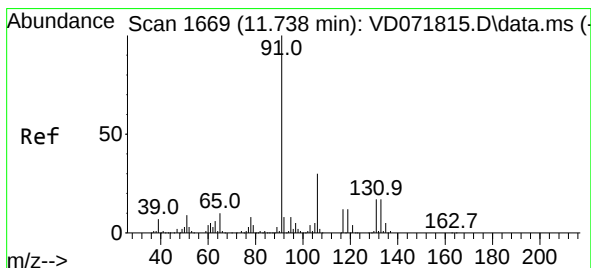
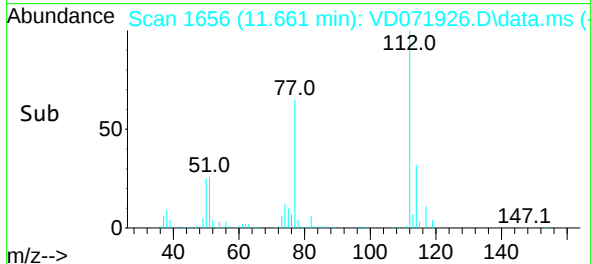
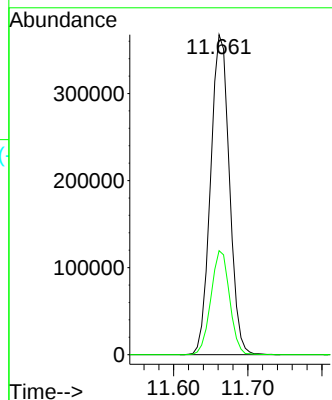
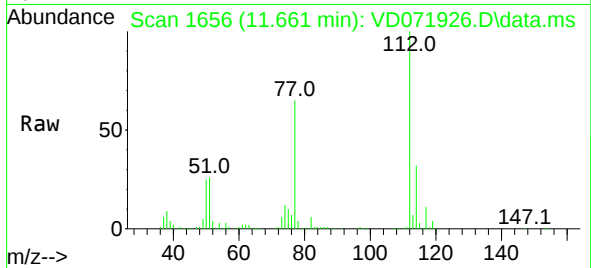




#65
Chlorobenzene
Concen: 47.579 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

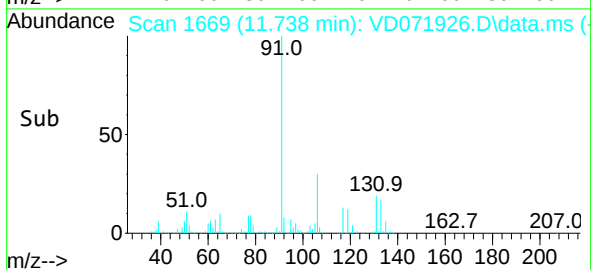
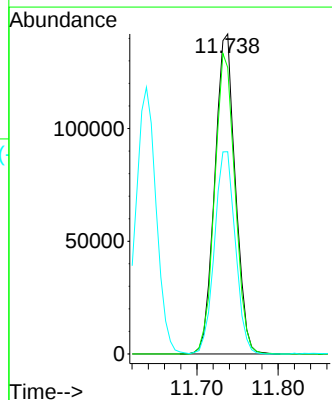
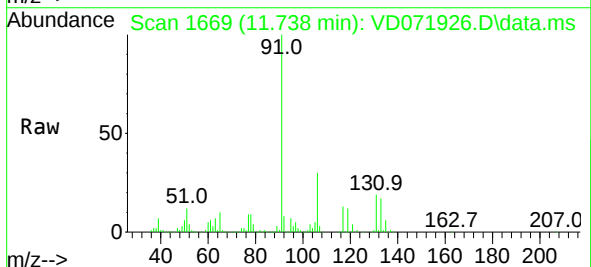
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

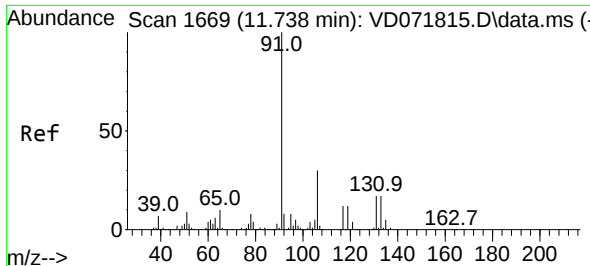
Tgt Ion:112 Resp: 648292
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.349 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion:131 Resp: 249574
Ion Ratio Lower Upper
131 100
133 93.1 48.1 144.3
119 64.1 31.9 95.9

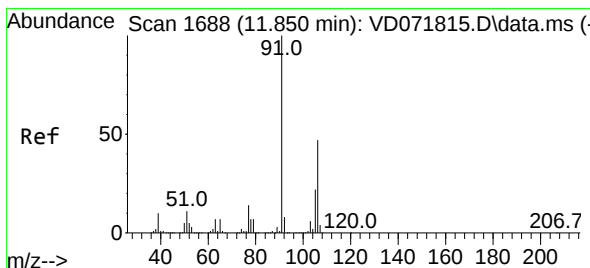
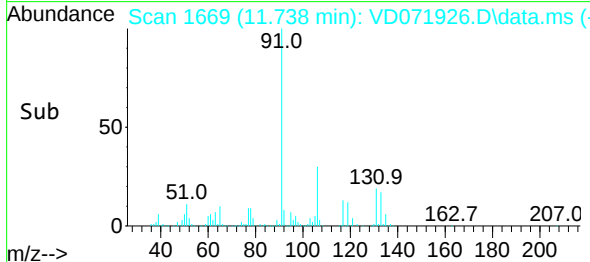
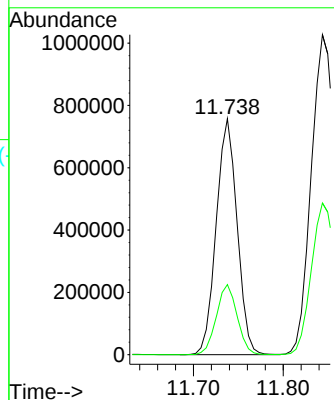
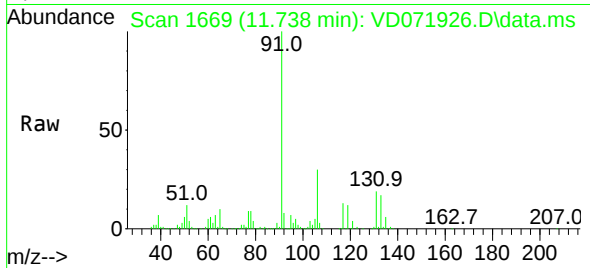




#67
Ethyl Benzene
Concen: 48.849 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

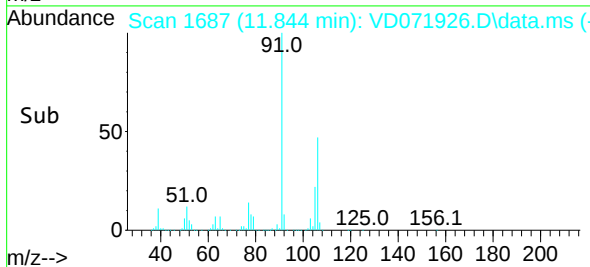
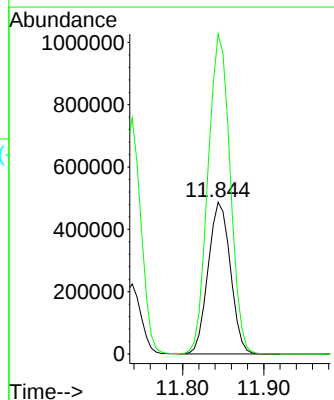
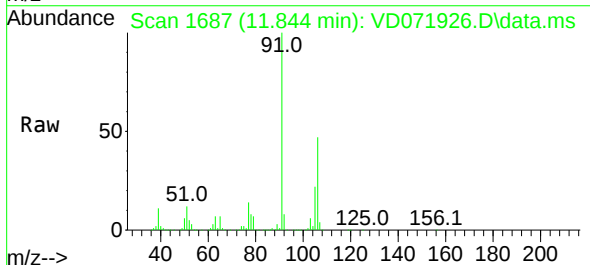
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

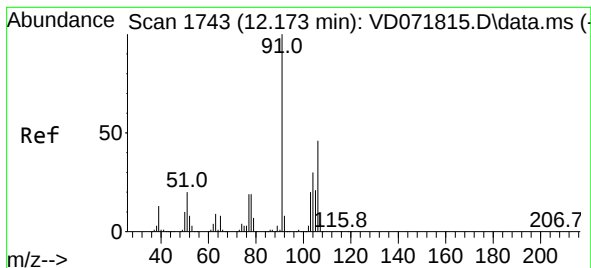
Tgt Ion: 91 Resp: 1224719
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4



#68
m/p-Xylenes
Concen: 97.377 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 106 Resp: 928616
Ion Ratio Lower Upper
106 100
91 209.8 163.7 245.5

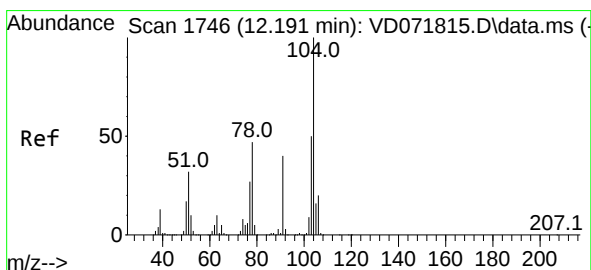
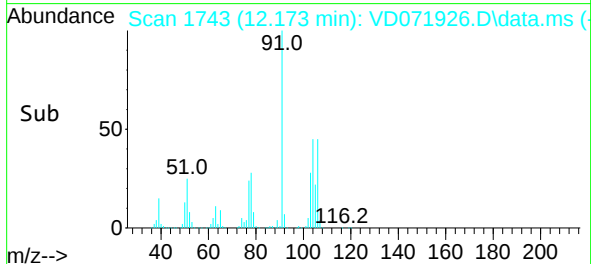
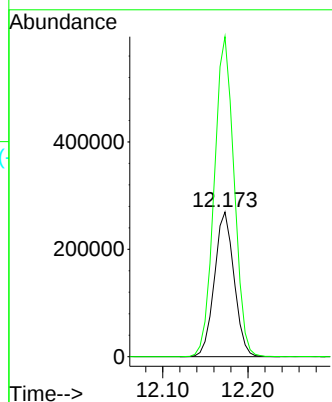
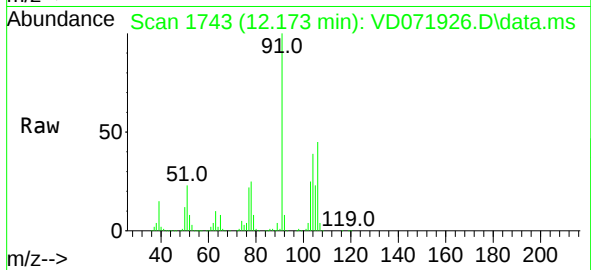




#69
o-Xylene
Concen: 49.694 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

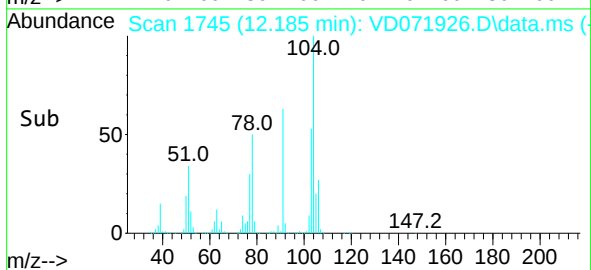
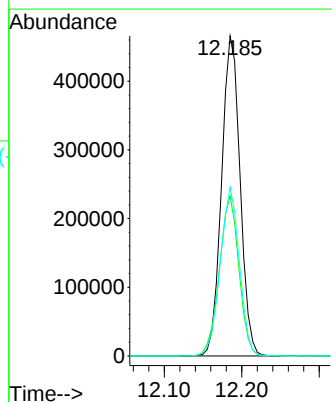
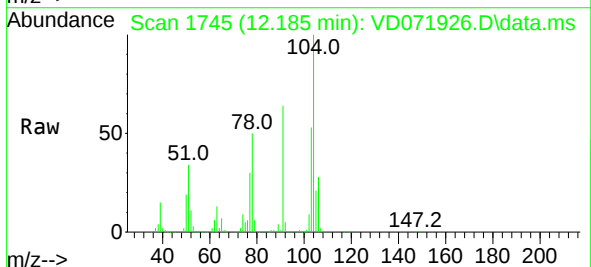
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

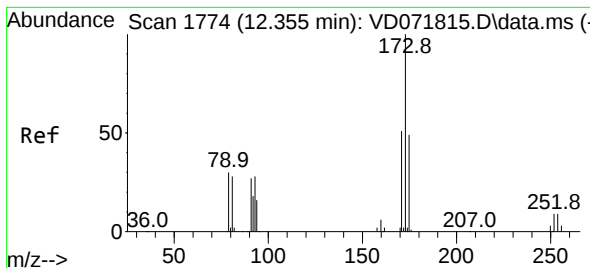
Tgt Ion:106 Resp: 430661
Ion Ratio Lower Upper
106 100
91 224.4 110.4 331.2



#70
Styrene
Concen: 51.812 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion:104 Resp: 773949
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 54.5 44.2 66.4





#71

Bromoform

Concen: 53.764 ug/l

RT: 12.350 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

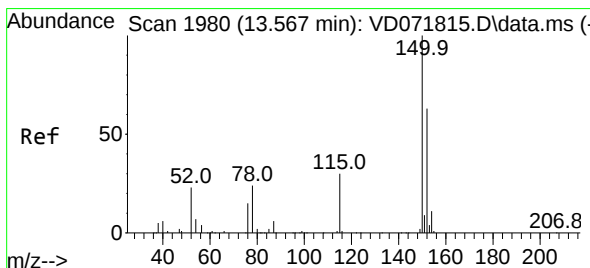
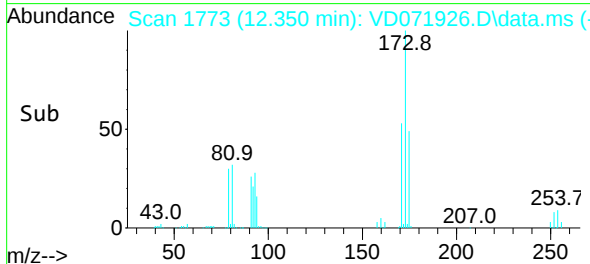
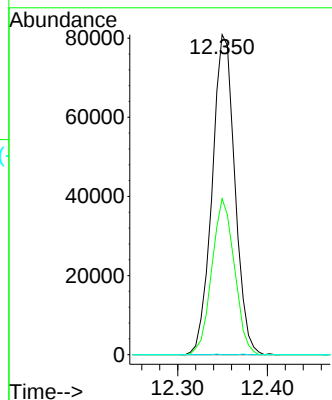
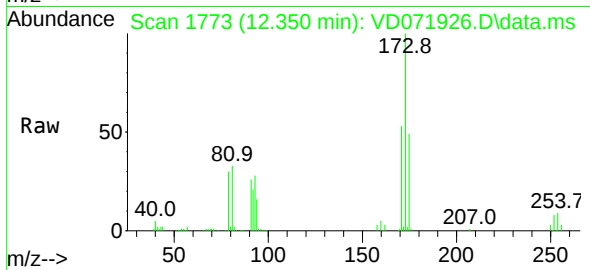
Tgt Ion:173 Resp: 142294

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

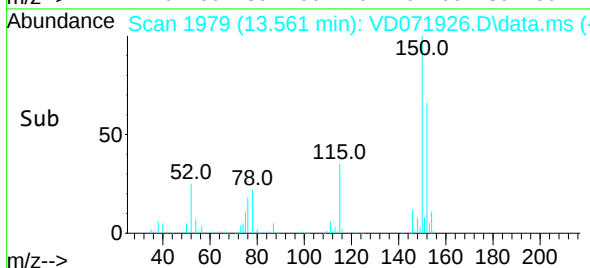
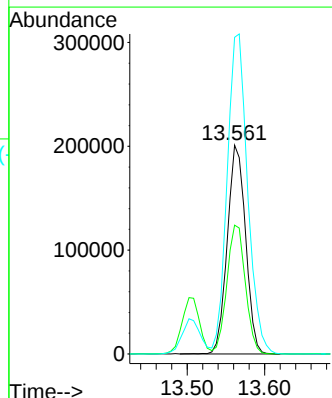
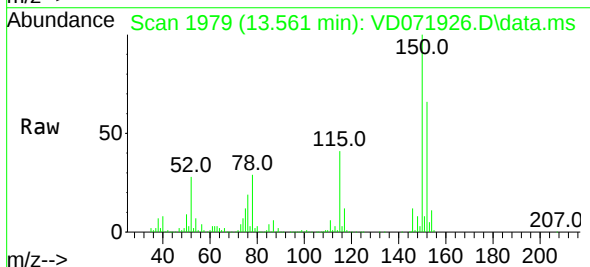
Tgt Ion:152 Resp: 330675

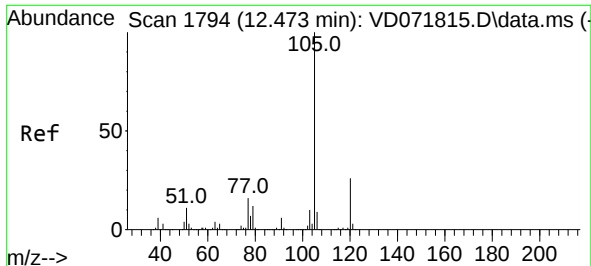
Ion Ratio Lower Upper

152 100

115 62.4 31.3 93.8

150 170.8 0.0 348.6

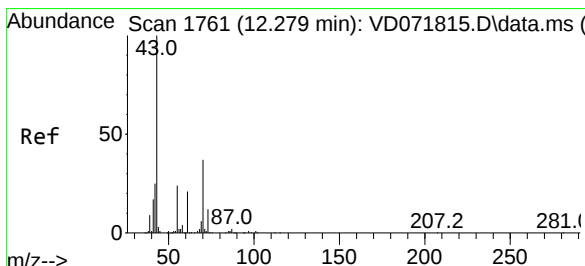
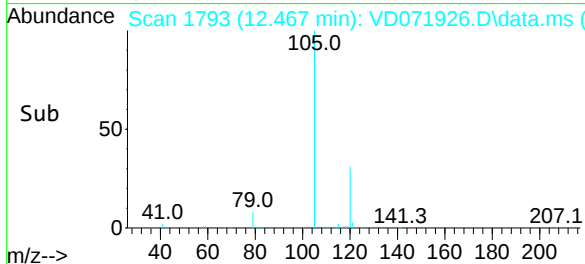
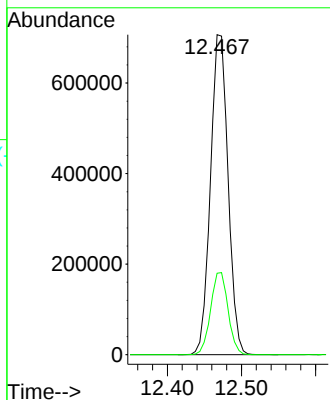
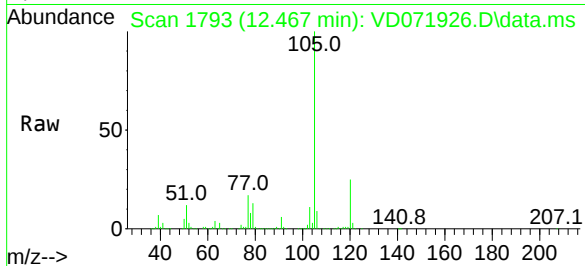




#73
Isopropylbenzene
Concen: 45.545 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

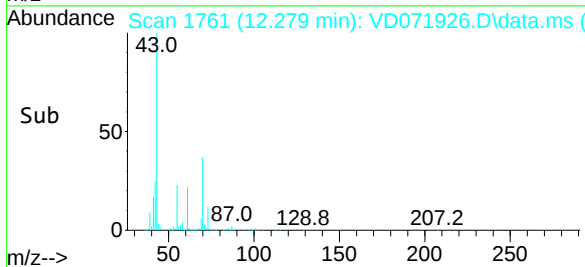
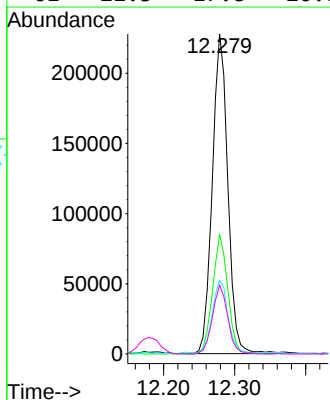
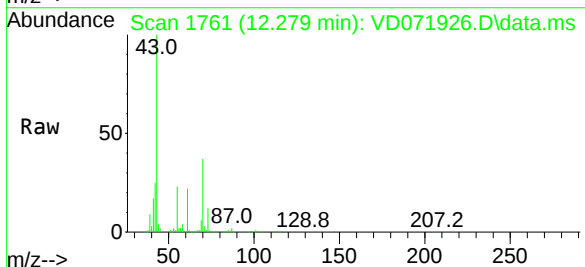
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

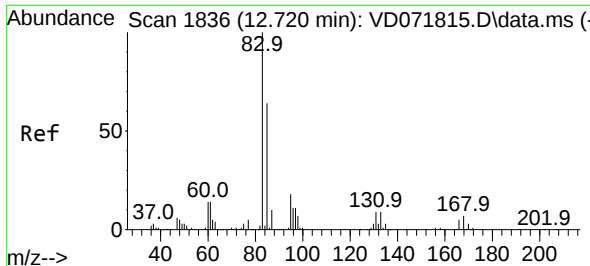
Tgt Ion:105 Resp: 1166219
Ion Ratio Lower Upper
105 100
120 25.4 13.0 38.9



#74
N-ethyl acetate
Concen: 54.750 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 43 Resp: 344766
Ion Ratio Lower Upper
43 100
70 36.9 31.3 46.9
55 22.8 20.0 30.0
61 21.3 17.8 26.8

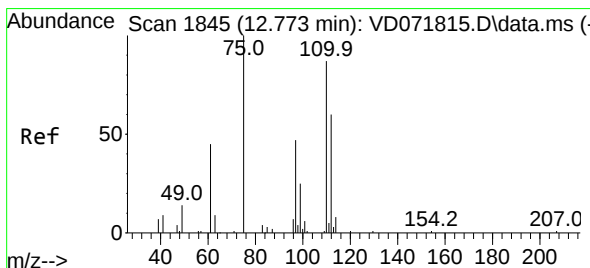
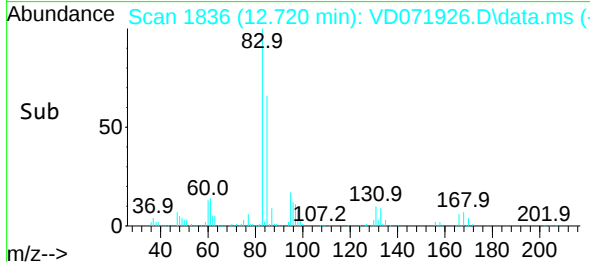
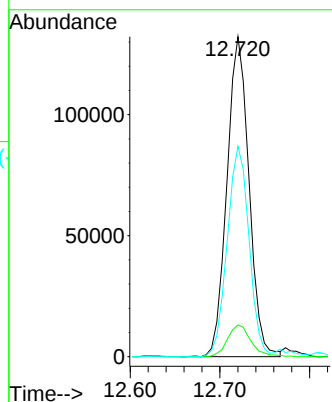
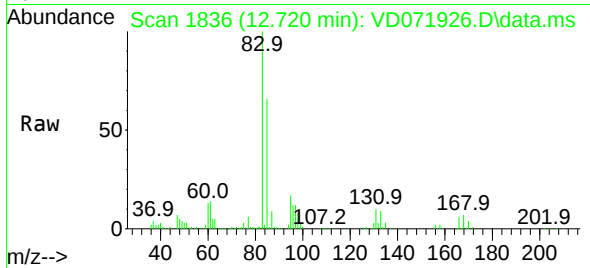




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.550 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD071926.D
 Acq: 08 Feb 2022 19:09

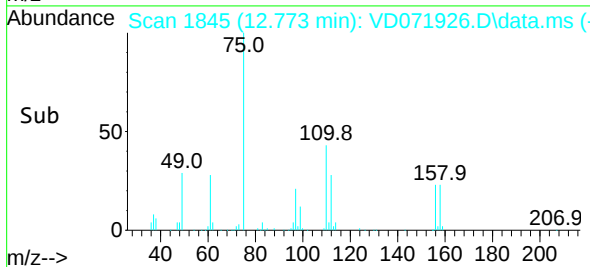
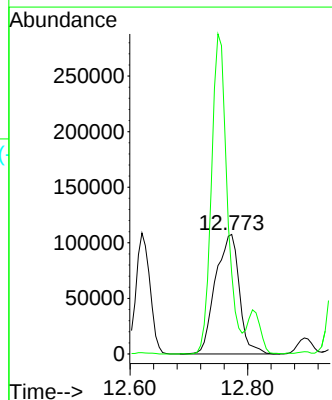
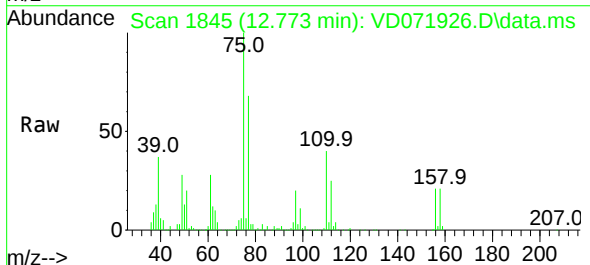
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

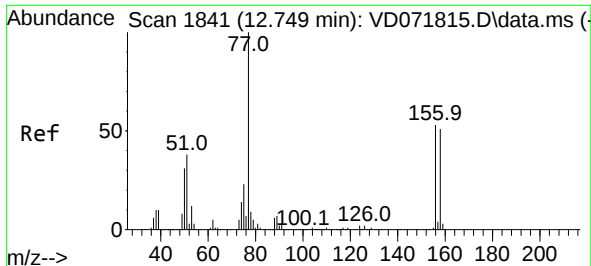
Tgt Ion: 83 Resp: 225314
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 14.9
 85 65.2 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 87.070 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD071926.D
 Acq: 08 Feb 2022 19:09

Tgt Ion: 75 Resp: 303432
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

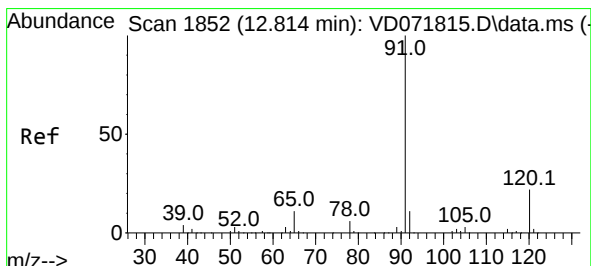
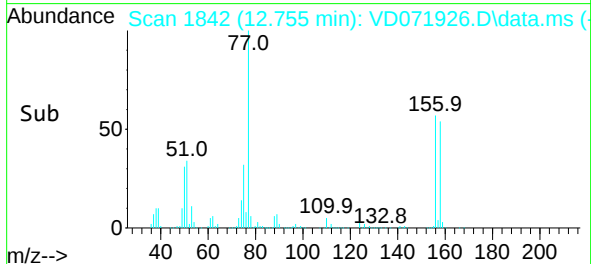
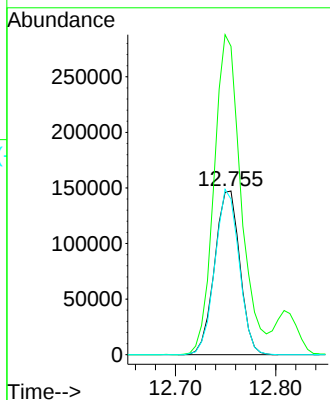
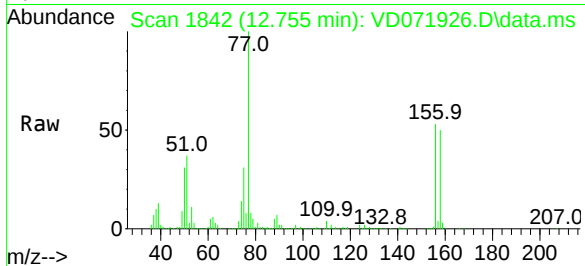




#77
Bromobenzene
Concen: 45.206 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

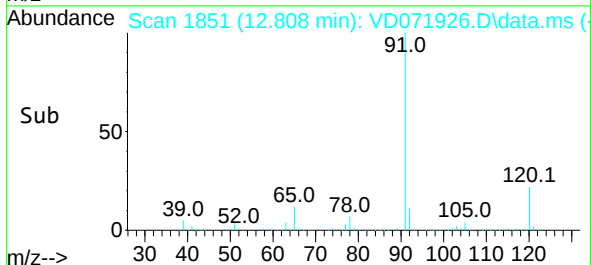
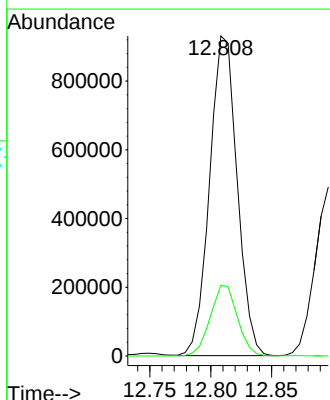
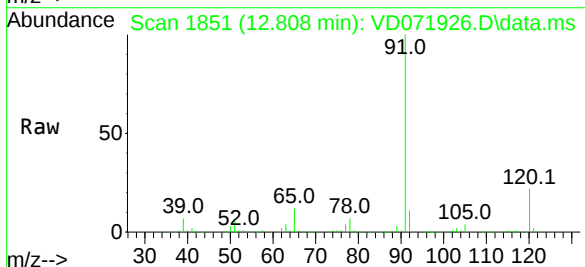
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

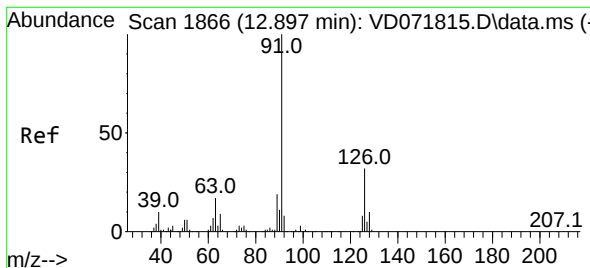
Tgt Ion:156 Resp: 257488
Ion Ratio Lower Upper
156 100
77 208.6 102.8 308.3
158 97.0 48.7 146.1



#78
n-propylbenzene
Concen: 45.666 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 91 Resp: 1466203
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 45.665 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

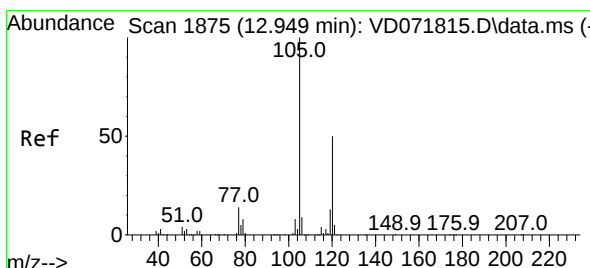
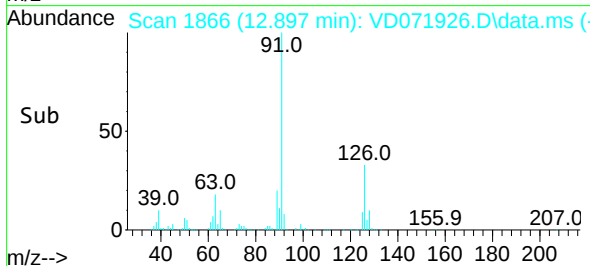
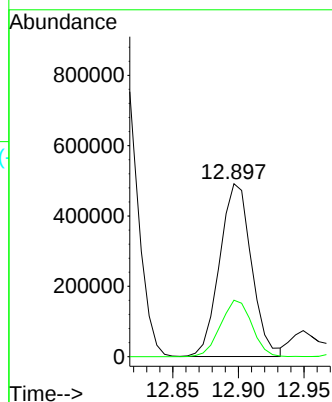
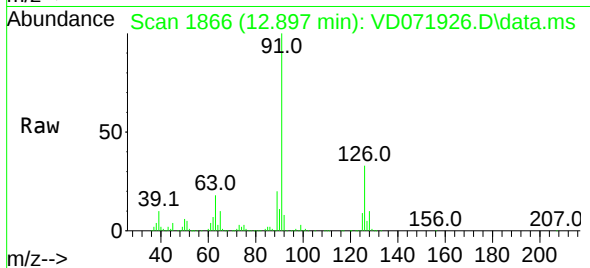
VSTDCCC050EC

Tgt Ion: 91 Resp: 830860

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 46.228 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071926.D

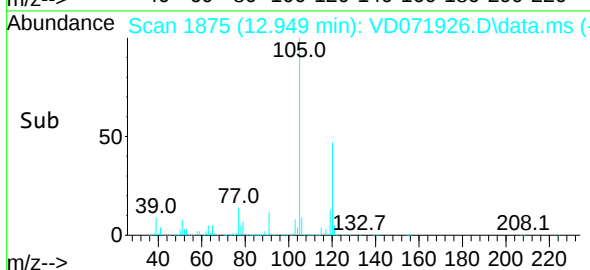
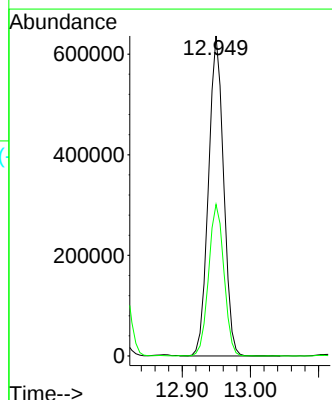
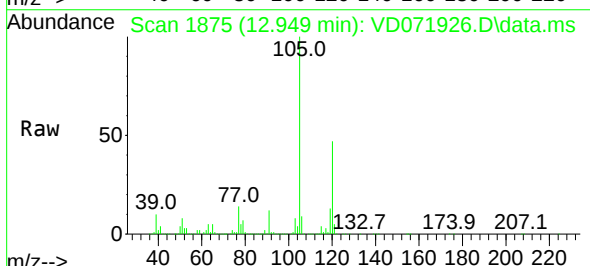
Acq: 08 Feb 2022 19:09

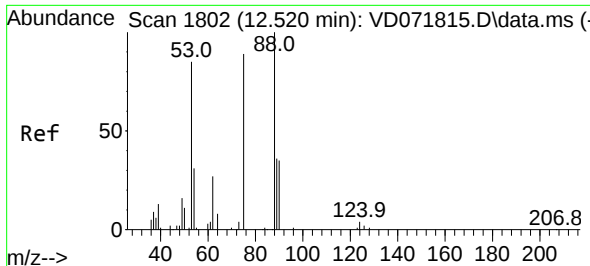
Tgt Ion: 105 Resp: 981801

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8

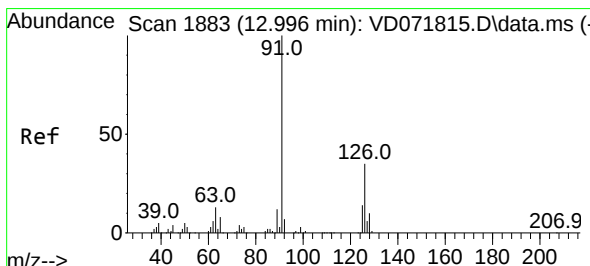
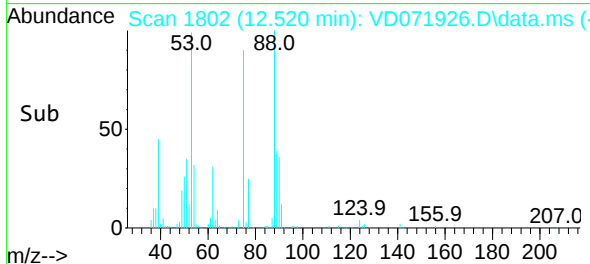
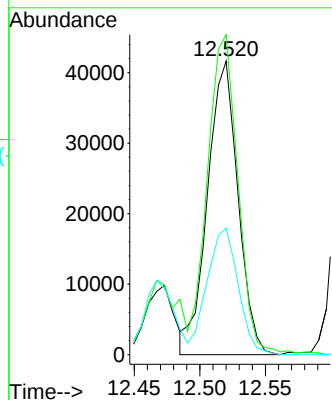
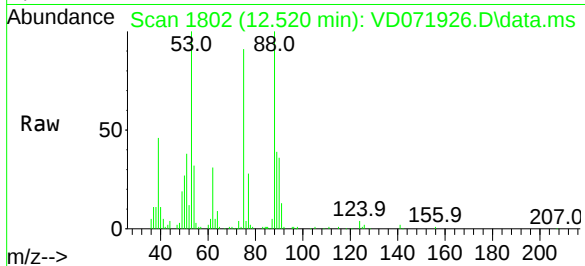




#81
trans-1,4-Dichloro-2-butene
Concen: 47.514 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

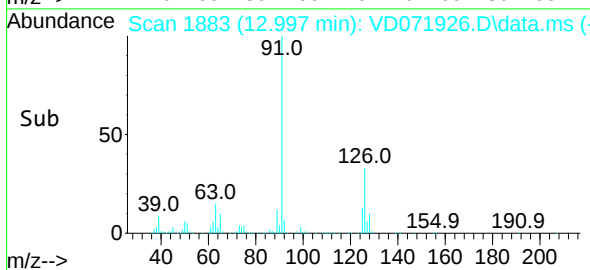
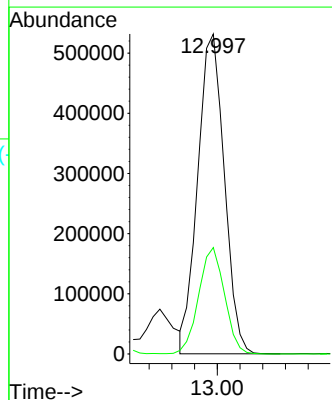
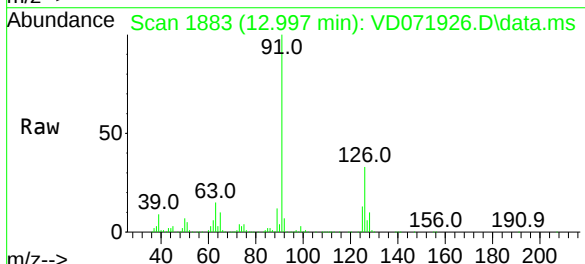
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

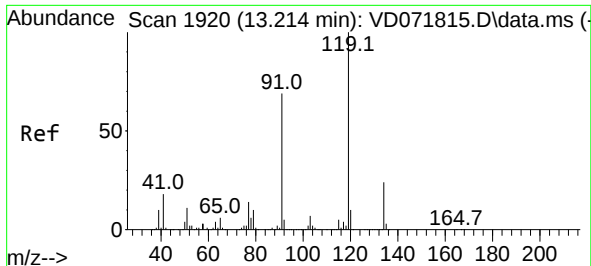
Tgt Ion: 75 Resp: 67343
Ion Ratio Lower Upper
75 100
53 109.1 86.5 129.7
89 44.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 45.585 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 91 Resp: 862908
Ion Ratio Lower Upper
91 100
126 32.4 16.5 49.5

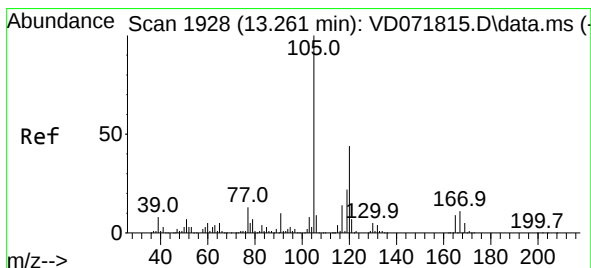
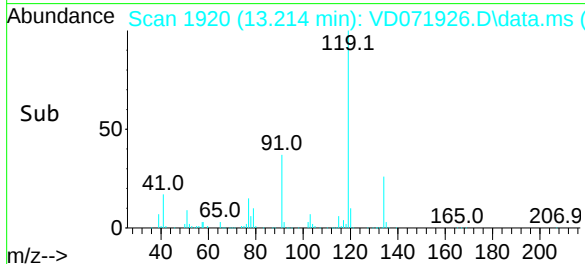
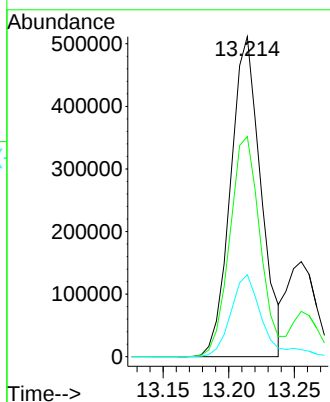
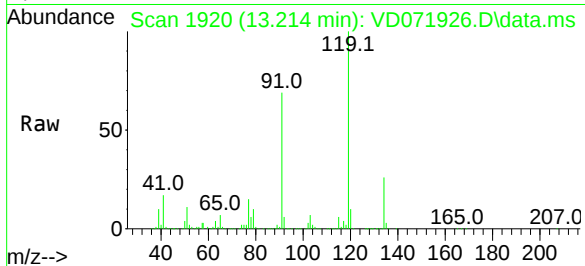




#83
tert-Butylbenzene
Concen: 46.820 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

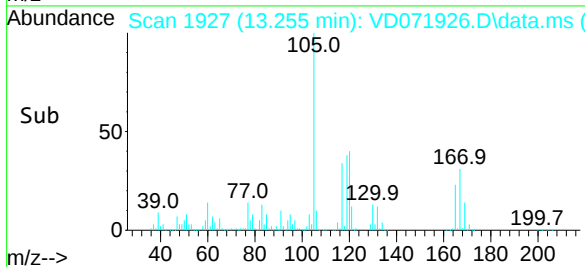
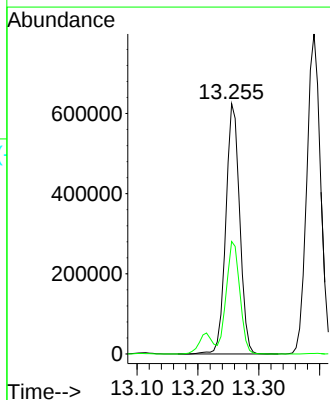
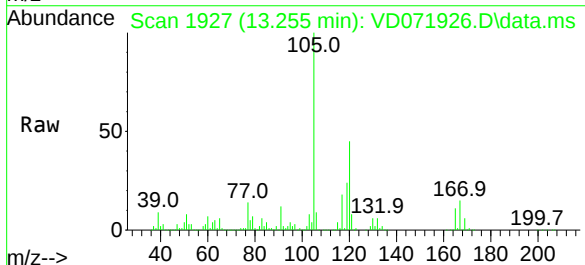
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

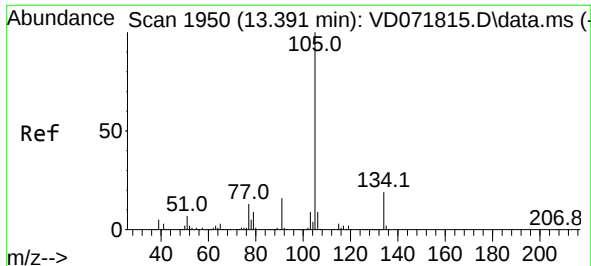
Tgt Ion:119 Resp: 824102
Ion Ratio Lower Upper
119 100
91 68.5 34.8 104.5
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.268 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion:105 Resp: 987532
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8

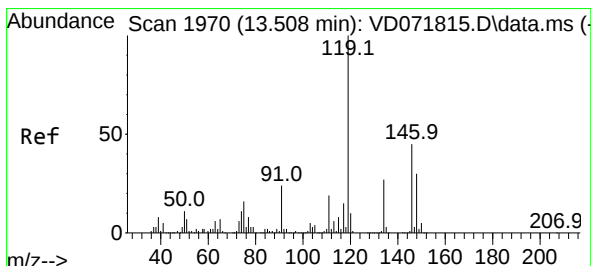
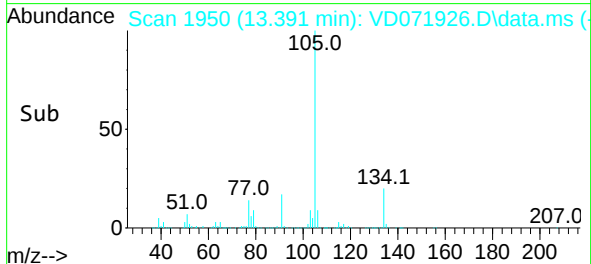
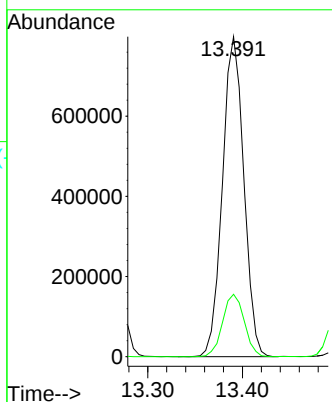
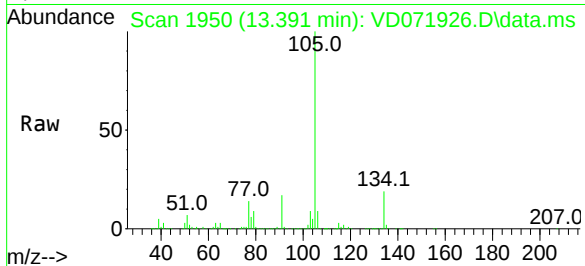




#85
 sec-Butylbenzene
 Concen: 45.403 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071926.D
 Acq: 08 Feb 2022 19:09

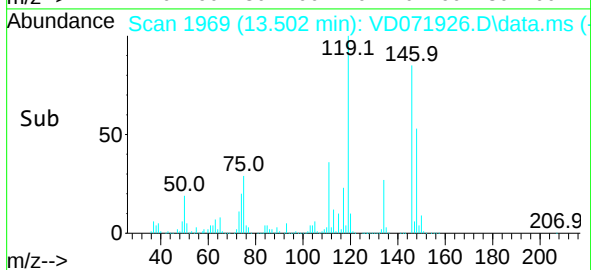
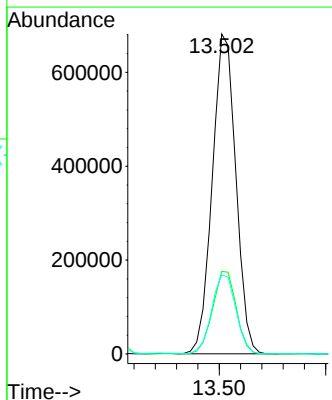
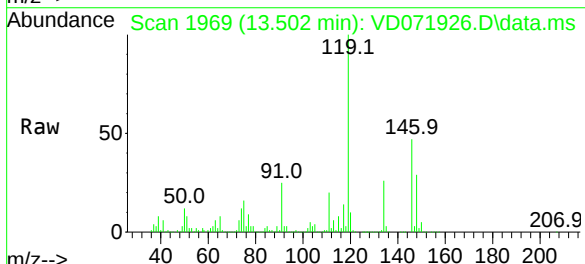
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

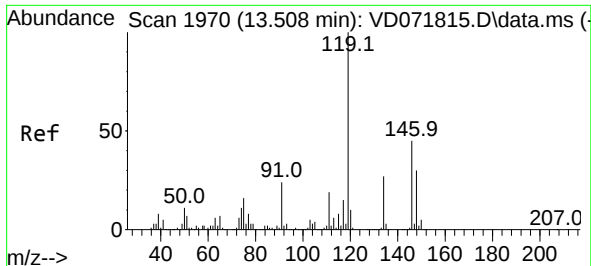
Tgt Ion:105 Resp: 1250455
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 46.701 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071926.D
 Acq: 08 Feb 2022 19:09

Tgt Ion:119 Resp: 1045183
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 25.2 12.1 36.3

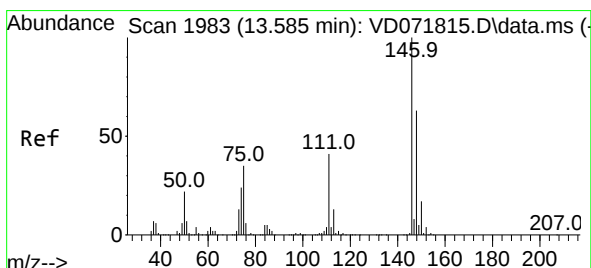
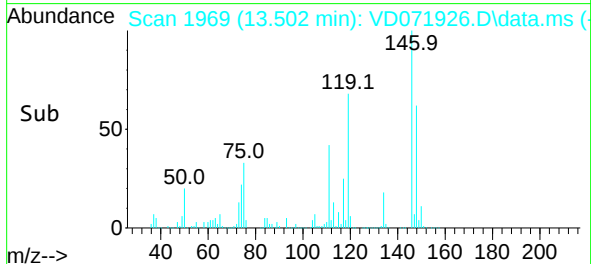
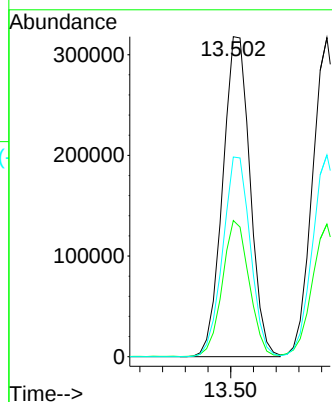
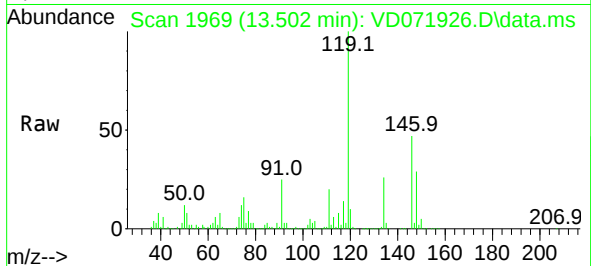




#87
1,3-Dichlorobenzene
Concen: 45.906 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

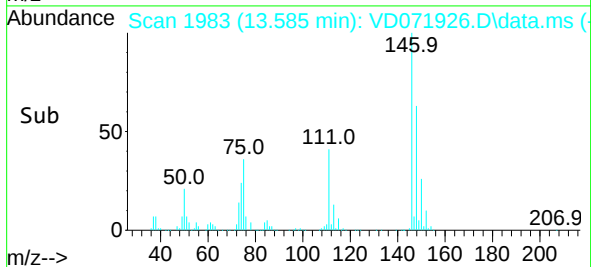
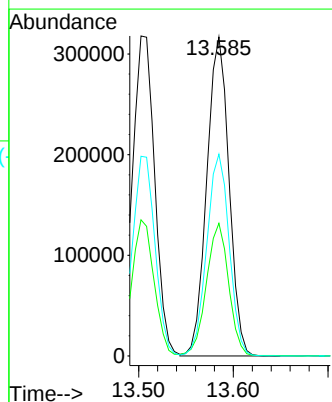
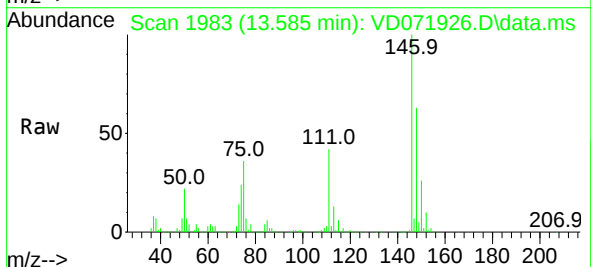
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

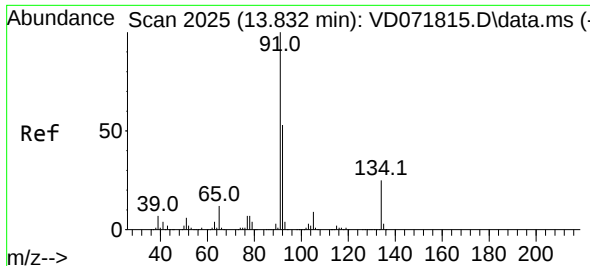
Tgt Ion:146 Resp: 530954
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 63.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 44.790 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion:146 Resp: 517019
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 64.1 31.7 95.1

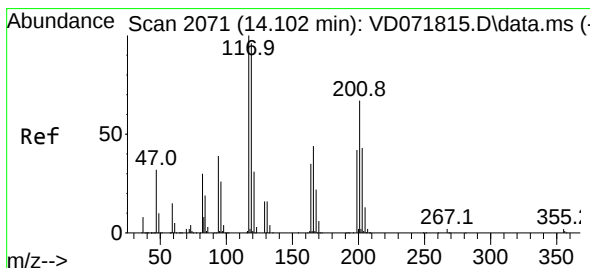
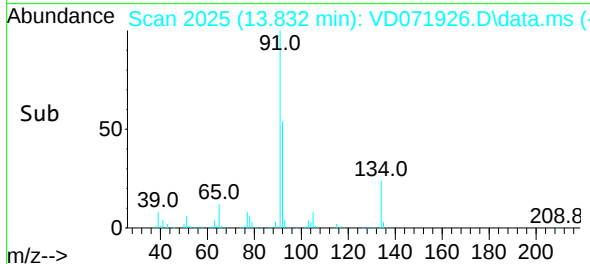
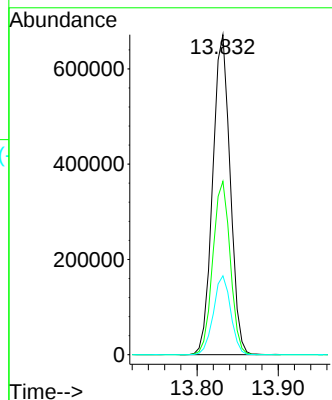
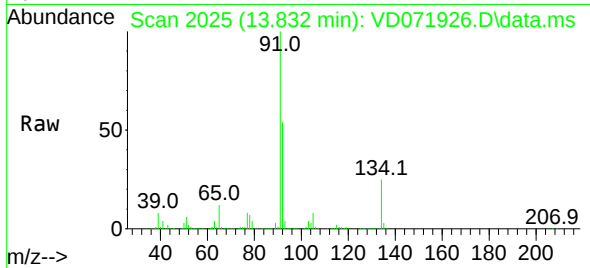




#89
n-Butylbenzene
Concen: 45.682 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

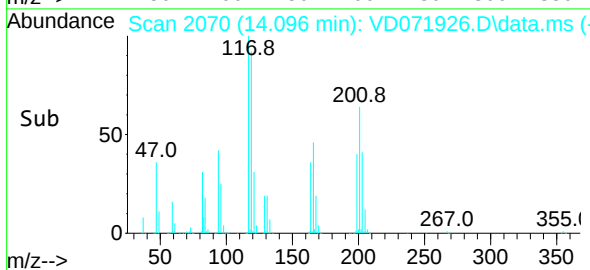
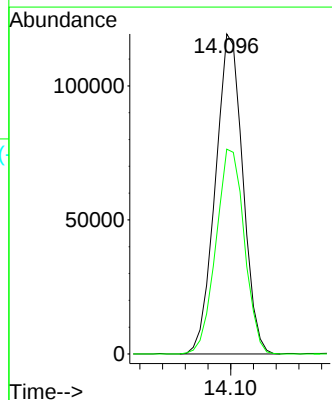
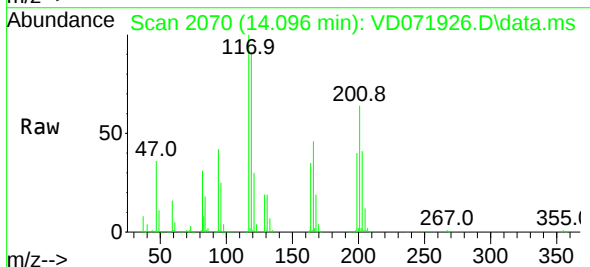
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

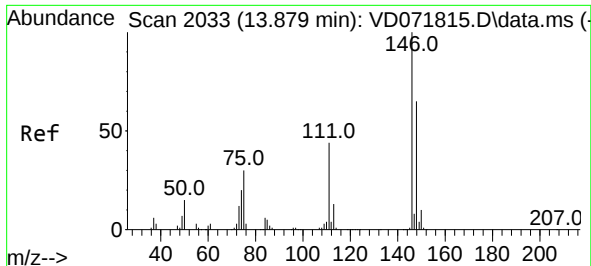
Tgt Ion: 91 Resp: 1003054
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 24.4 12.3 36.9



#90
Hexachloroethane
Concen: 44.990 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 117 Resp: 200140
Ion Ratio Lower Upper
117 100
201 66.3 33.4 100.2

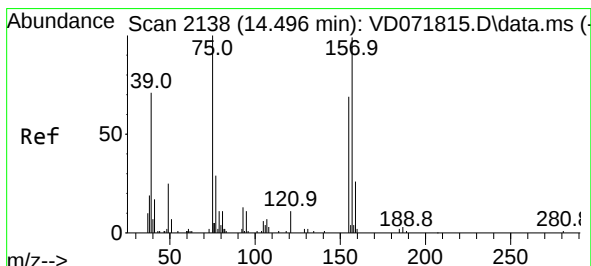
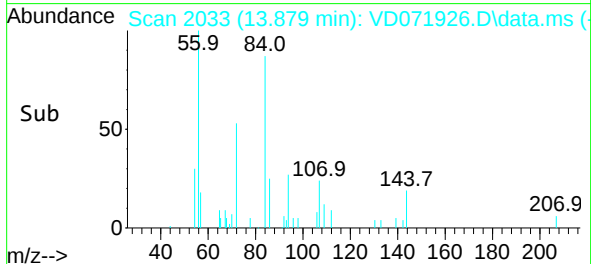
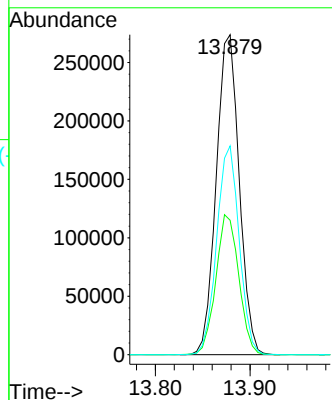
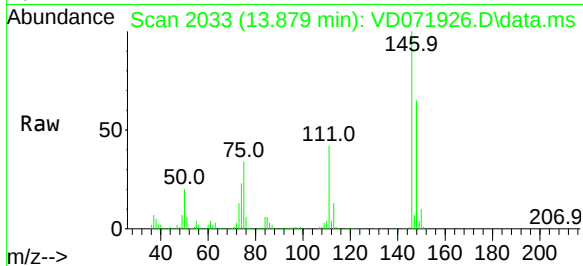




#91
1,2-Dichlorobenzene
Concen: 46.669 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

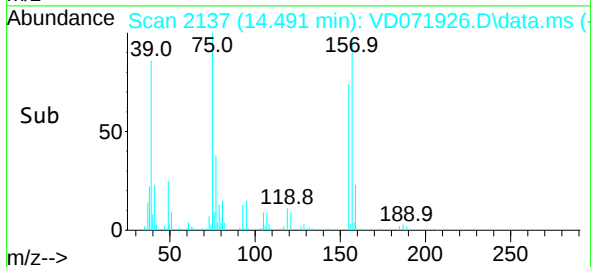
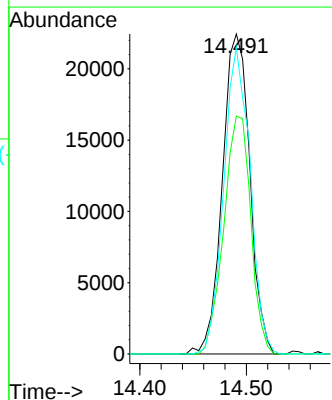
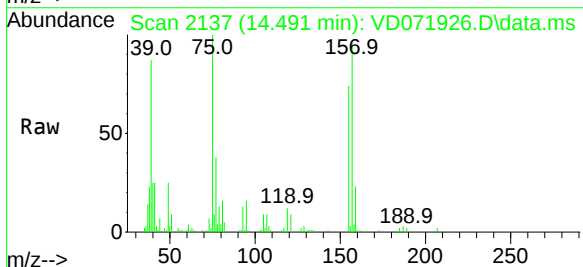
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

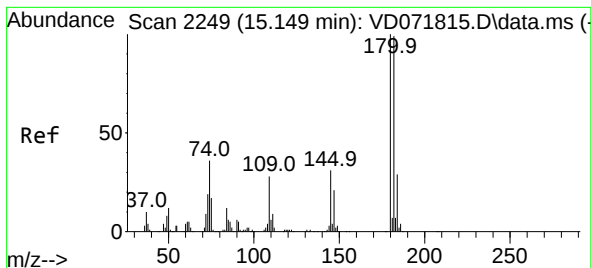
Tgt Ion:146 Resp: 461928
Ion Ratio Lower Upper
146 100
111 43.8 21.1 63.3
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.071 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071926.D
Acq: 08 Feb 2022 19:09

Tgt Ion: 75 Resp: 40078
Ion Ratio Lower Upper
75 100
155 73.3 36.8 110.3
157 92.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 47.285 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. 0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

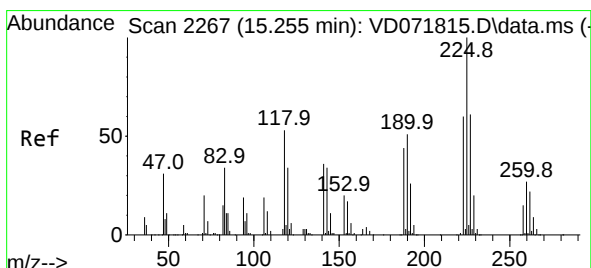
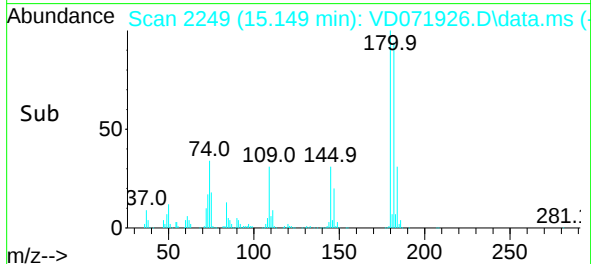
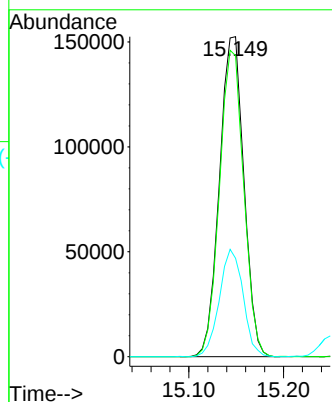
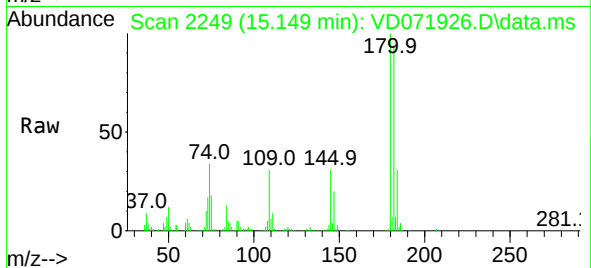
Tgt Ion:180 Resp: 273408

Ion Ratio Lower Upper

180 100

182 95.0 47.3 142.0

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 44.223 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

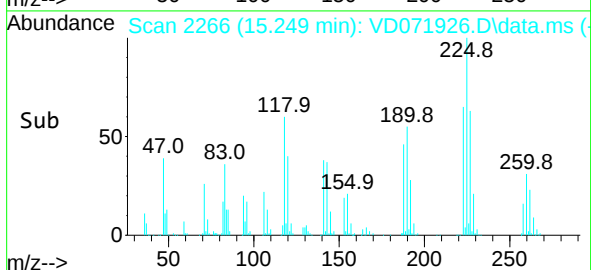
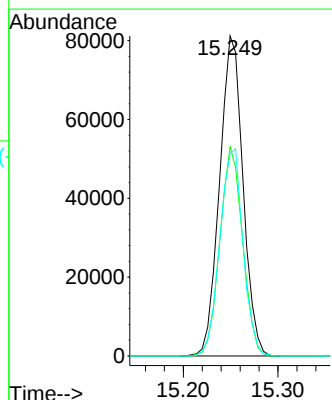
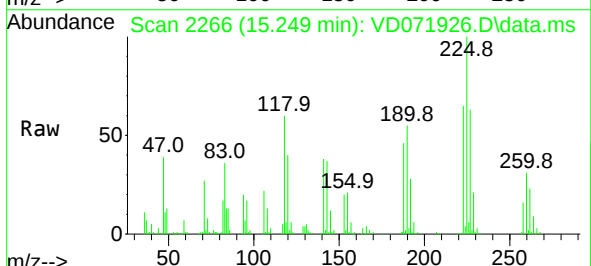
Tgt Ion:225 Resp: 139426

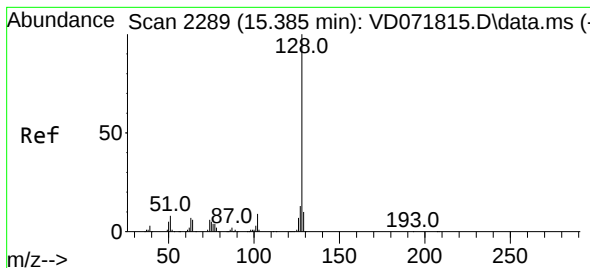
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.2

227 64.2 32.4 97.0





#95

Naphthalene

Concen: 50.107 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

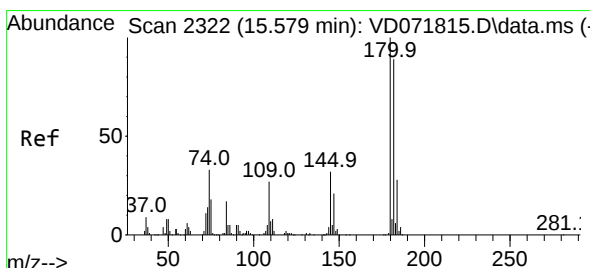
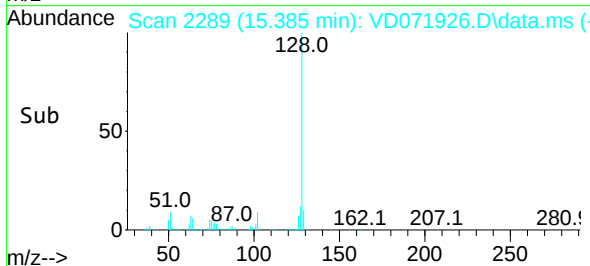
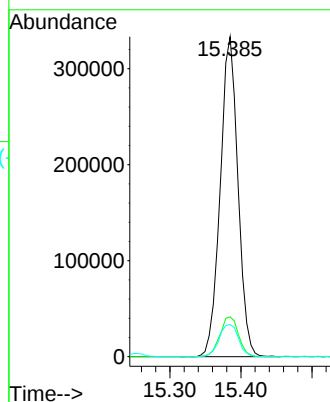
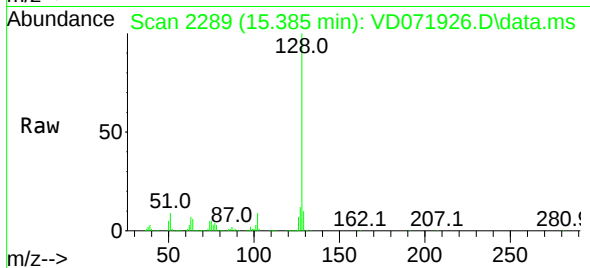
Tgt Ion:128 Resp: 575618

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.790 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD071926.D

Acq: 08 Feb 2022 19:09

Tgt Ion:180 Resp: 241808

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 35.9 17.1 51.3

