

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073146.D
 Acq On : 19 May 2022 18:50
 Operator : VA/SY
 Sample : VD0519SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

Quant Time: May 20 01:49:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	339520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	580822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	541882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182887	48.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.903	113	185600	48.426	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.332	98	698888	49.468	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.620	95	244357	49.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	74395	21.929	ug/l	100
3) Chloromethane	2.209	50	76302	19.890	ug/l	99
4) Vinyl Chloride	2.344	62	69332	19.765	ug/l	98
5) Bromomethane	2.750	94	49937	19.765	ug/l	97
6) Chloroethane	2.909	64	44975	20.856	ug/l	99
7) Trichlorofluoromethane	3.268	101	127379	20.536	ug/l	99
8) Diethyl Ether	3.703	74	34396	20.181	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	75087	20.289	ug/l	95
10) Methyl Iodide	4.297	142	73321	18.363	ug/l	99
11) Tert butyl alcohol	5.191	59	45089	77.453	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	70584	20.687	ug/l	92
13) Acrolein	3.915	56	26582	105.356	ug/l	100
14) Allyl chloride	4.709	41	107004	19.428	ug/l	91
15) Acrylonitrile	5.415	53	79794	102.381	ug/l	98
16) Acetone	4.156	43	61435	94.528	ug/l #	87
17) Carbon Disulfide	4.403	76	225130	19.903	ug/l	99
18) Methyl Acetate	4.720	43	37774	20.902	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	155498	20.004	ug/l	100
20) Methylene Chloride	4.962	84	103670	22.991	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	82649	20.034	ug/l	91
22) Diisopropyl ether	6.362	45	234893	20.345	ug/l #	91
23) Vinyl Acetate	6.303	43	613310	99.588	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	148043	19.976	ug/l	99
25) 2-Butanone	7.209	43	92464	97.243	ug/l	97
26) 2,2-Dichloropropane	7.209	77	120221	19.022	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	88092	19.298	ug/l	93
28) Bromochloromethane	7.544	49	47354	18.547	ug/l #	79
29) Tetrahydrofuran	7.556	42	61873	100.633	ug/l	94
30) Chloroform	7.703	83	150428	19.443	ug/l	96
31) Cyclohexane	7.985	56	128298	19.567	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	135045	19.957	ug/l	95
36) 1,1-Dichloropropene	8.109	75	115136	19.974	ug/l	97
37) Ethyl Acetate	7.285	43	43095	18.928	ug/l #	90
38) Carbon Tetrachloride	8.097	117	115854	19.828	ug/l	97
39) Methylcyclohexane	9.350	83	127848	19.902	ug/l	97
40) Benzene	8.344	78	332320	20.004	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	24735	18.646	ug/l	91
42) 1,2-Dichloroethane	8.414	62	93307	20.186	ug/l	99
43) Isopropyl Acetate	8.444	43	85424	20.298	ug/l	93
44) Trichloroethene	9.103	130	89714	20.251	ug/l	100
45) 1,2-Dichloropropane	9.379	63	86860	20.762	ug/l	93
46) Dibromomethane	9.467	93	45729	19.902	ug/l	98
47) Bromodichloromethane	9.656	83	118002	20.071	ug/l #	98
48) Methyl methacrylate	9.450	41	43254	20.429	ug/l	91
49) 1,4-Dioxane	9.456	88	8688	366.134	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	219248	100.307	ug/l	95
52) Toluene	10.397	92	214396	20.423	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	104669	19.706	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	123654	19.454	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	62990	20.272	ug/l	95
56) Ethyl methacrylate	10.650	69	68999	19.973	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	108613	20.833	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	118321	87.475	ug/l	94
59) 2-Hexanone	10.973	43	145004	100.624	ug/l	96
60) Dibromochloromethane	11.132	129	78700	20.313	ug/l	94
61) 1,2-Dibromoethane	11.238	107	60932	20.522	ug/l	99
64) Tetrachloroethene	10.867	164	72641	20.467	ug/l	97
65) Chlorobenzene	11.661	112	226001	20.330	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	82547	20.022	ug/l	97
67) Ethyl Benzene	11.732	91	393373	20.158	ug/l	100
68) m/p-Xylenes	11.844	106	315168	41.569	ug/l	97
69) o-Xylene	12.167	106	138182	19.839	ug/l	98
70) Styrene	12.185	104	244778	20.427	ug/l	98
71) Bromoform	12.349	173	45959	21.660	ug/l #	98
73) Isopropylbenzene	12.467	105	372148	20.021	ug/l	99
74) N-amyl acetate	12.279	43	80045	19.740	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	69015	20.131	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	86783	33.922	ug/l #	100
77) Bromobenzene	12.749	156	89036	20.348	ug/l	92
78) n-propylbenzene	12.808	91	474777	20.345	ug/l	99
79) 2-Chlorotoluene	12.897	91	268437	19.923	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	324050	20.580	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20532	19.267	ug/l	92
82) 4-Chlorotoluene	12.991	91	288775	20.447	ug/l	98
83) tert-Butylbenzene	13.208	119	269401	20.301	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	323375	20.789	ug/l	100
85) sec-Butylbenzene	13.391	105	414914	20.476	ug/l	99
86) p-Isopropyltoluene	13.502	119	335520	20.313	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	181671	20.598	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	180735	20.300	ug/l	98
89) n-Butylbenzene	13.826	91	321036	20.398	ug/l	98
90) Hexachloroethane	14.096	117	69556	20.351	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	155553	20.384	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10632	20.252	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	84832	19.581	ug/l	95
94) Hexachlorobutadiene	15.243	225	49601	20.317	ug/l	97
95) Naphthalene	15.385	128	149161	19.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	78011	20.311	ug/l	96

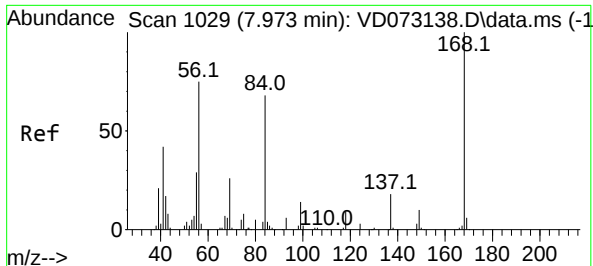
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Response via : Initial Calibration

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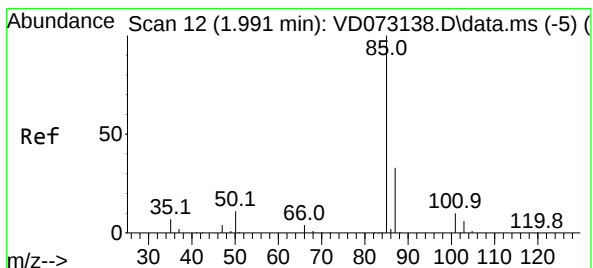
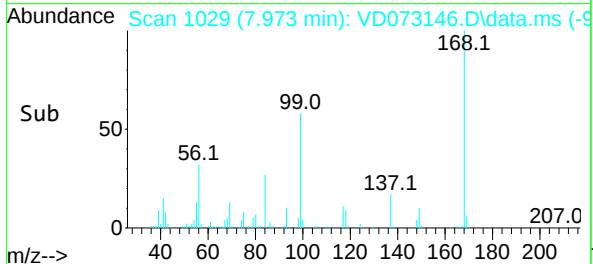
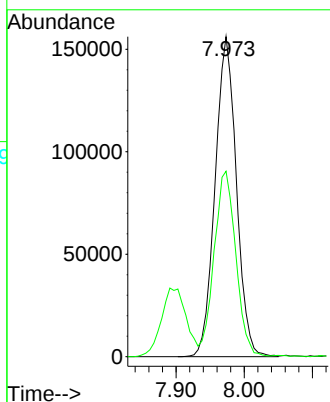
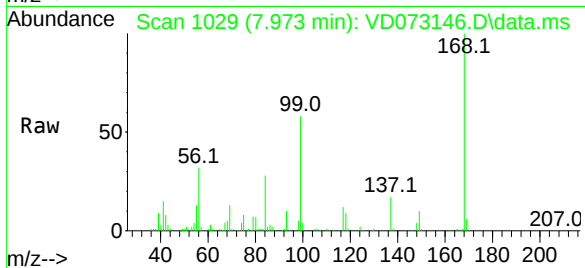
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

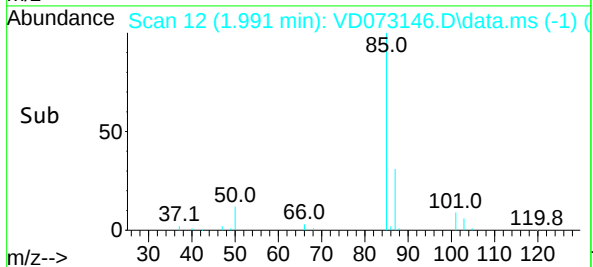
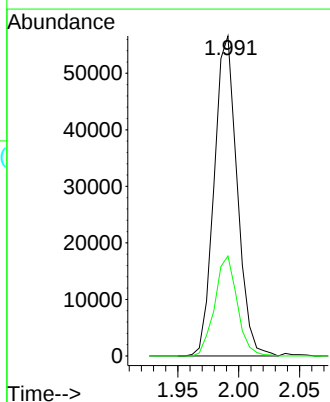
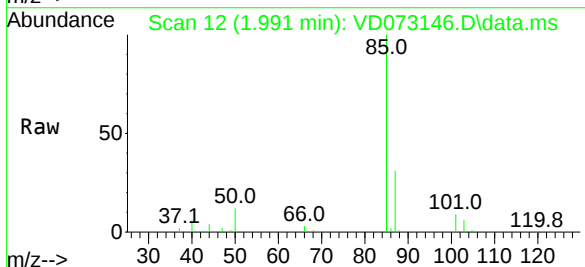
Instrument :
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ClientSampleId :
VD0519SBSD01

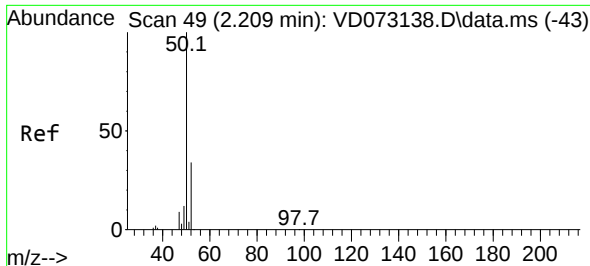
Tgt Ion:168 Resp: 339520
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.929 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 85 Resp: 74395
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0

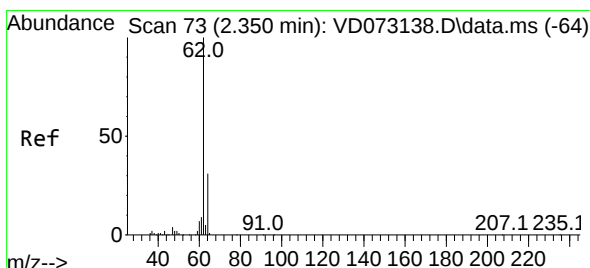
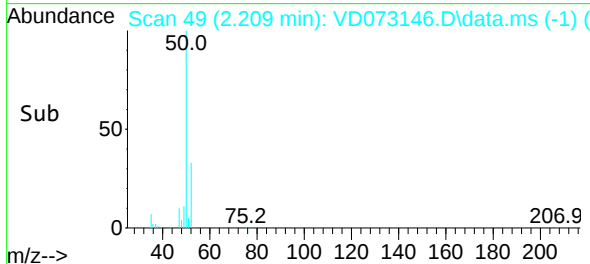
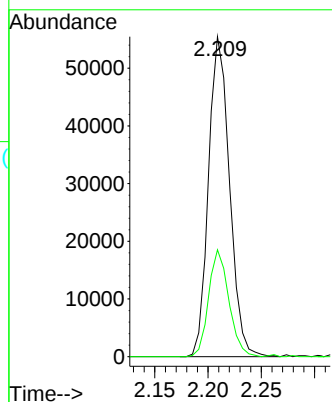
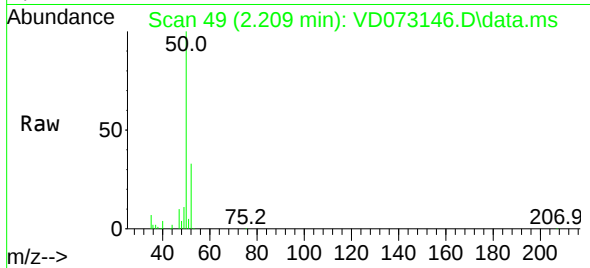




#3
Chloromethane
Concen: 19.890 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

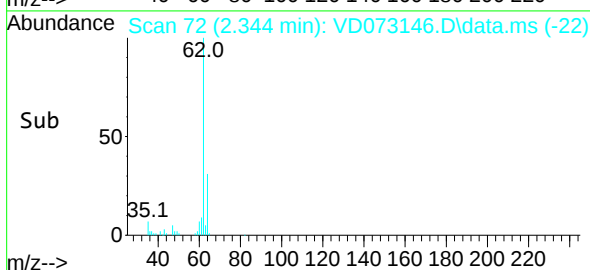
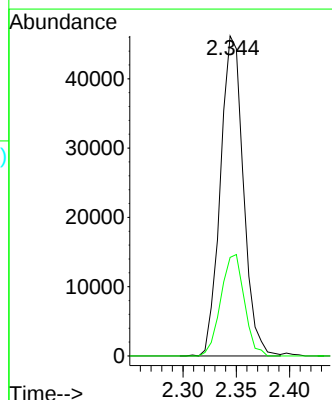
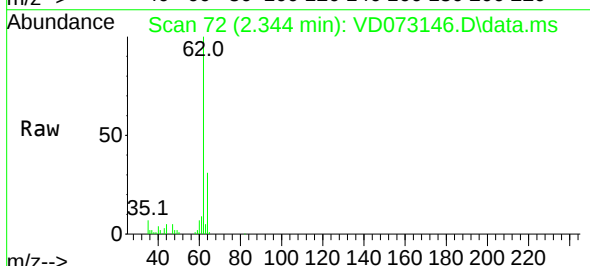
Instrument :
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ClientSampleId :
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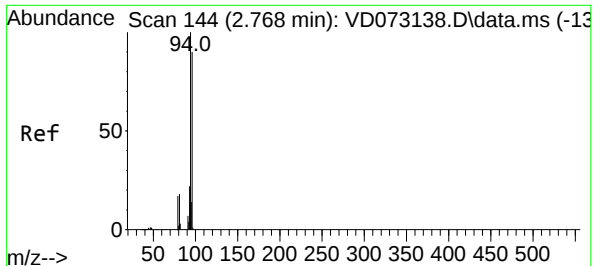
Tgt Ion: 50 Resp: 76302
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.0



#4
Vinyl Chloride
Concen: 19.765 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

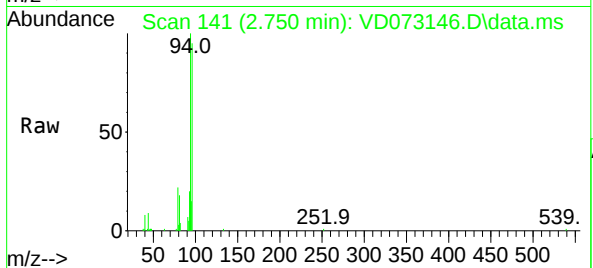
Tgt Ion: 62 Resp: 69332
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0



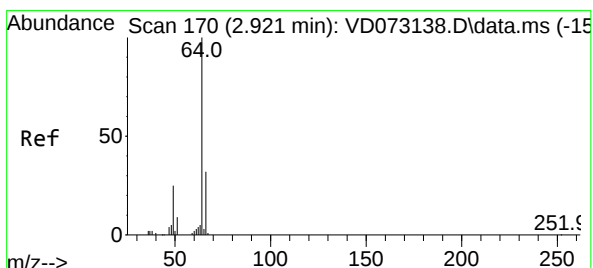
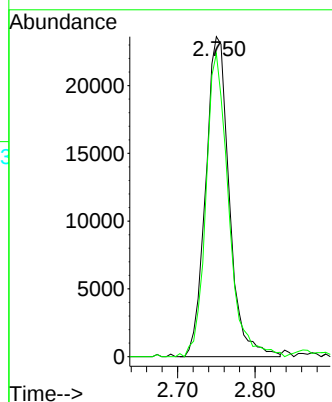
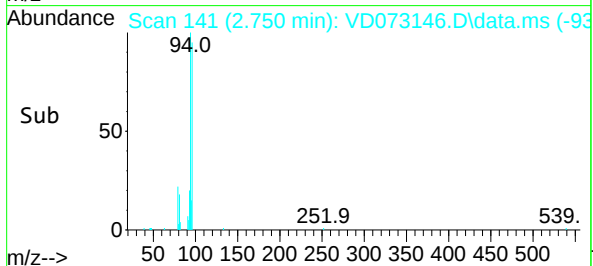


#5
Bromomethane
Concen: 19.765 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

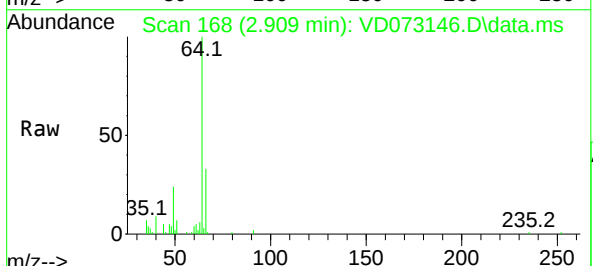
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MSVOA_D
ClientSampleId :
VD0519SBSD01



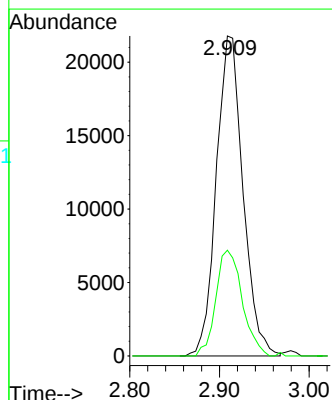
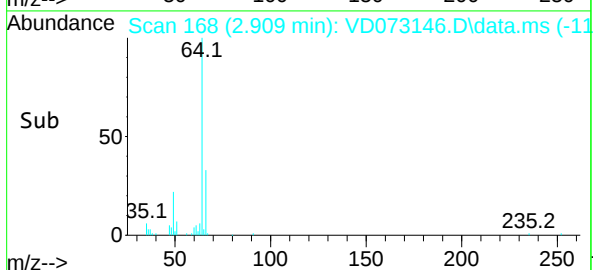
Tgt Ion: 94 Resp: 49937
Ion Ratio Lower Upper
94 100
96 93.8 77.6 116.4

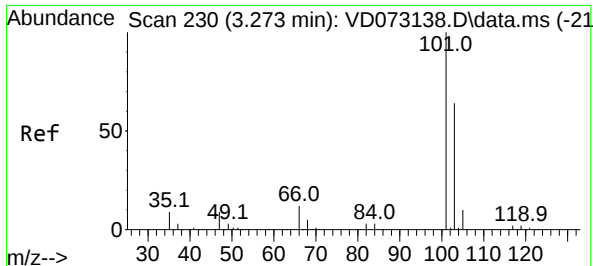


#6
Chloroethane
Concen: 20.856 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50



Tgt Ion: 64 Resp: 44975
Ion Ratio Lower Upper
64 100
66 33.0 25.9 38.9

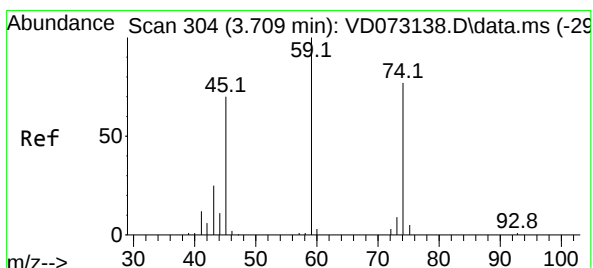
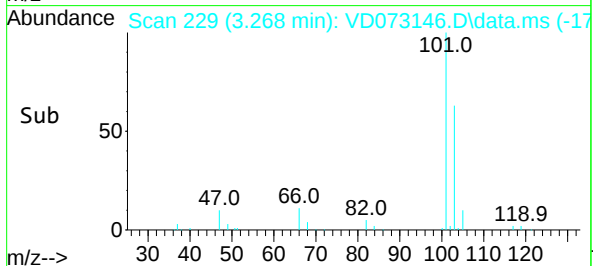
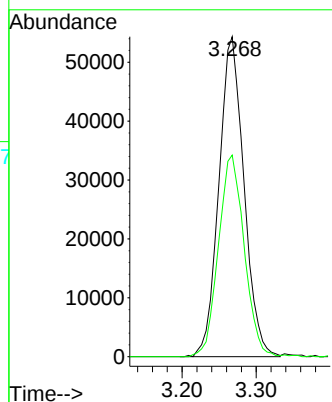
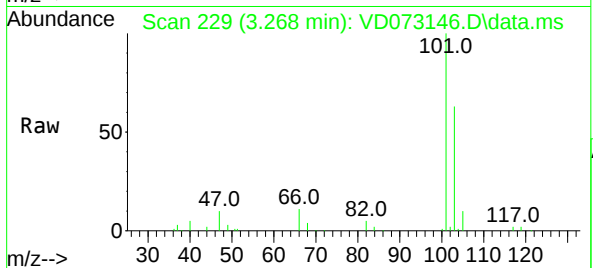




#7
Trichlorofluoromethane
Concen: 20.536 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

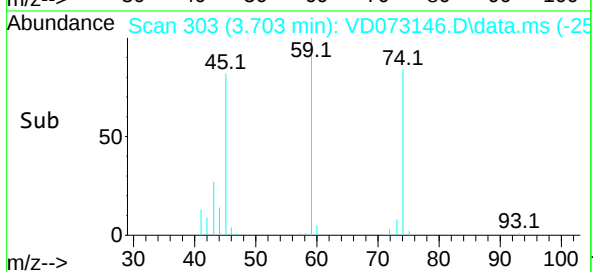
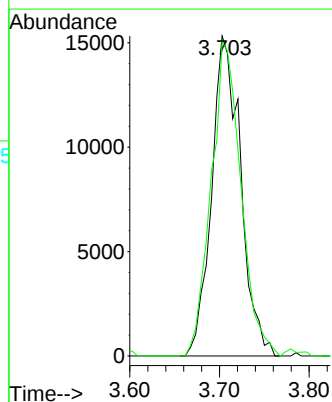
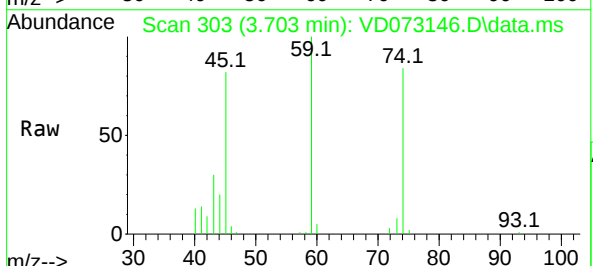
Instrument :
MSVOA_D
ClientSampleId :
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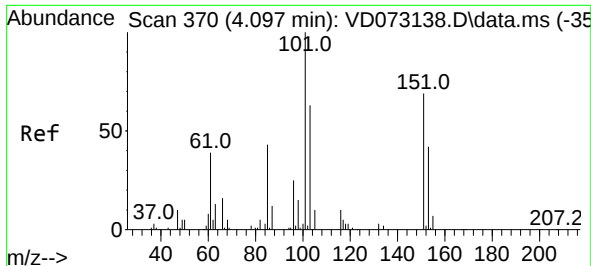
Tgt Ion:101 Resp: 127379
Ion Ratio Lower Upper
101 100
103 63.0 50.1 75.1



#8
Diethyl Ether
Concen: 20.181 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 74 Resp: 34396
Ion Ratio Lower Upper
74 100
45 101.2 52.6 157.8

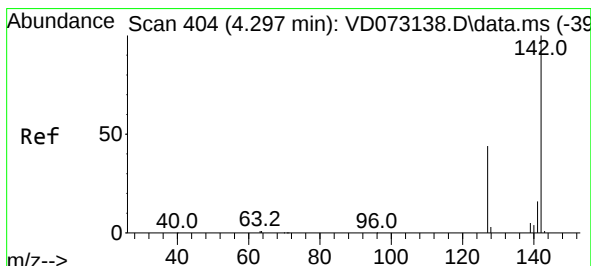
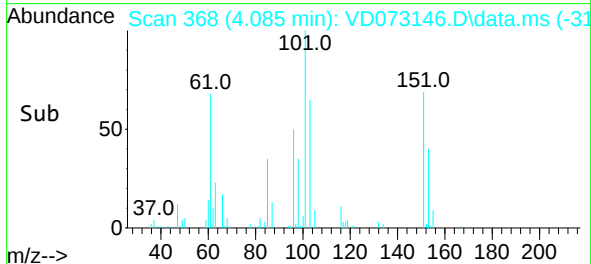
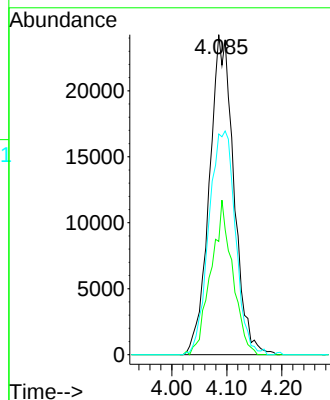
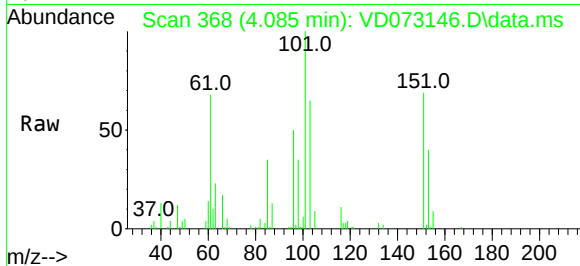




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.289 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD073146.D
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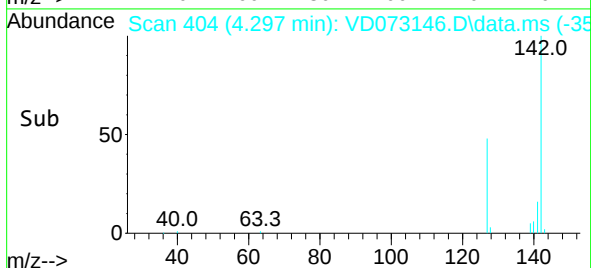
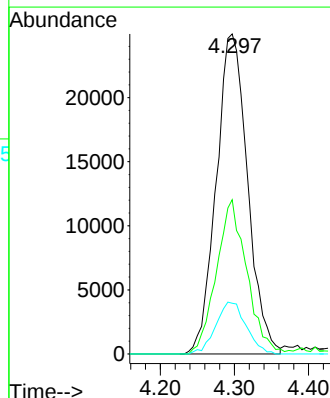
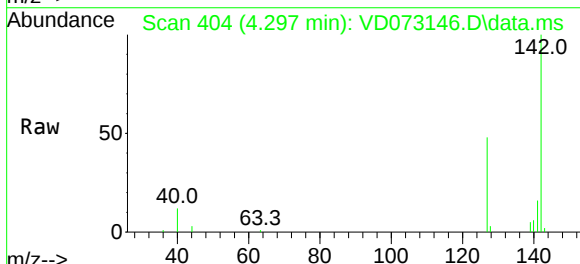
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

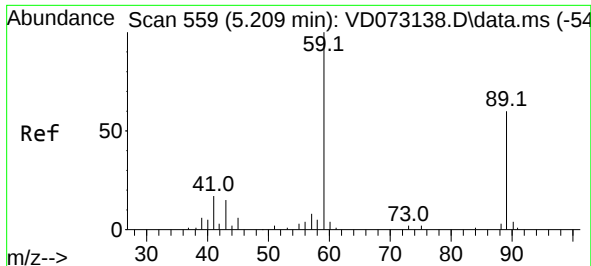
Tgt Ion:101	Resp:	75087
Ion Ratio	Lower	Upper
101	100	
85	42.7	36.4 54.6
151	75.7	57.3 85.9



#10
Methyl Iodide
Concen: 18.363 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion:142	Resp:	73321
Ion Ratio	Lower	Upper
142	100	
127	46.7	37.3 55.9
141	15.7	11.7 17.5





#11

Tert butyl alcohol

Concen: 77.453 ug/l

RT: 5.191 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

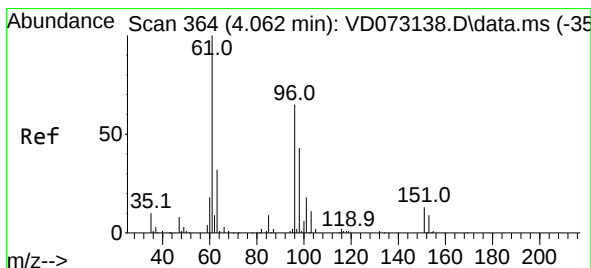
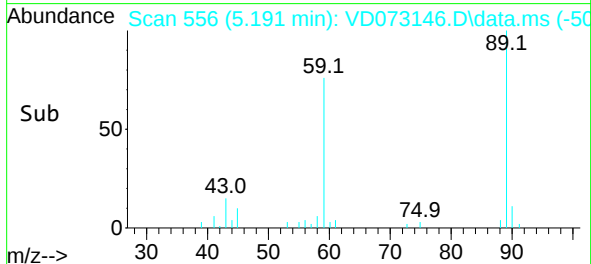
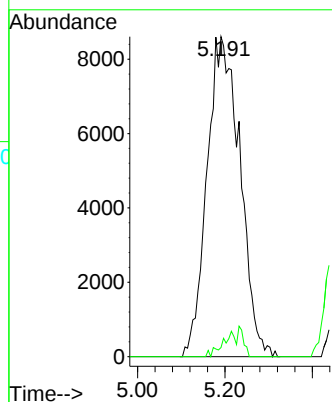
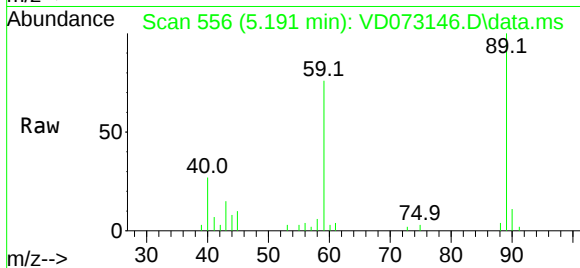
VD0519SBSD01

Tgt Ion: 59 Resp: 45089

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 20.687 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

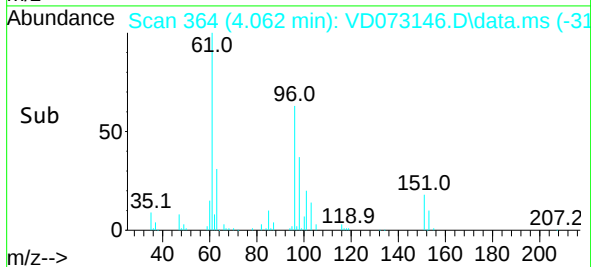
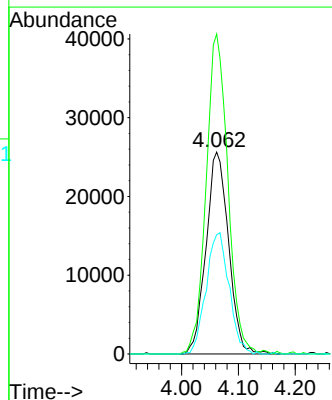
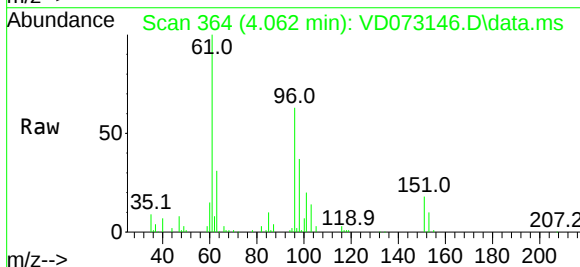
Tgt Ion: 96 Resp: 70584

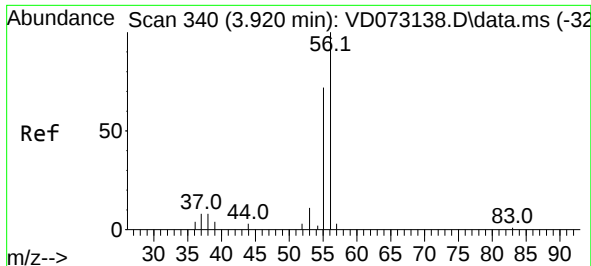
Ion Ratio Lower Upper

96 100

61 158.4 138.5 207.7

98 59.0 48.6 73.0





#13

Acrolein

Concen: 105.356 ug/l

RT: 3.915 min Scan# 31

Delta R.T. -0.005 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

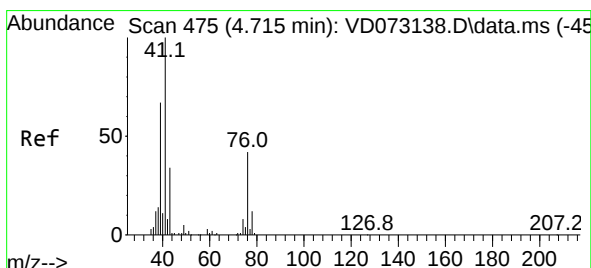
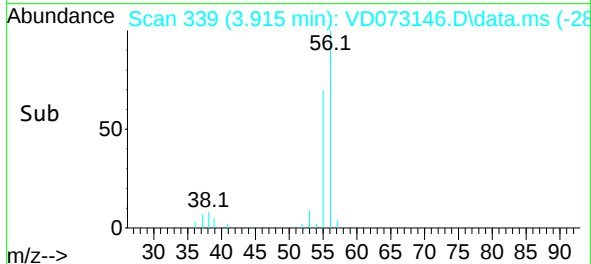
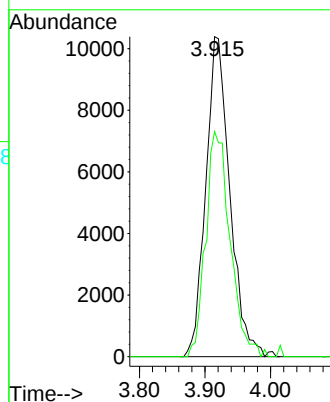
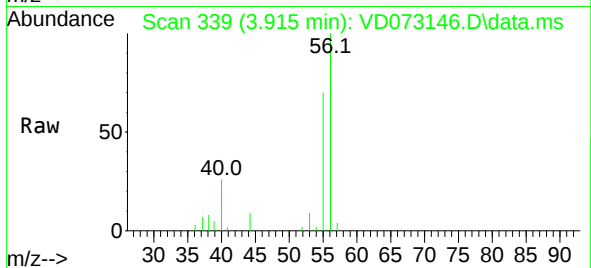
VD0519SBSD01

Tgt Ion: 56 Resp: 26582

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 19.428 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

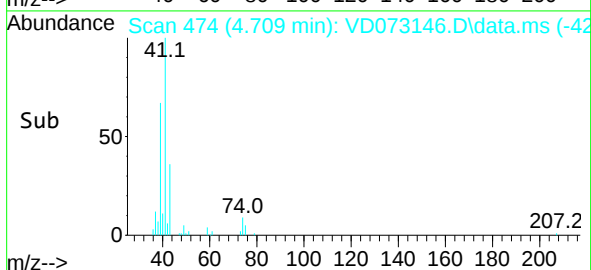
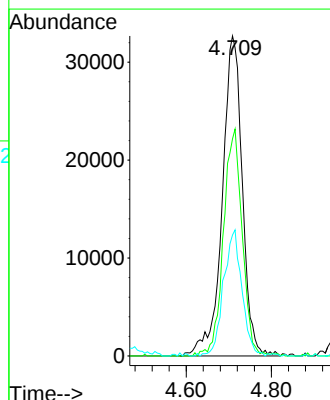
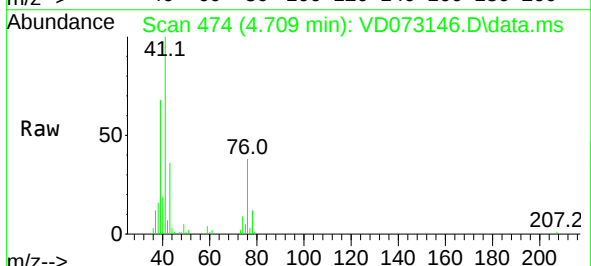
Tgt Ion: 41 Resp: 107004

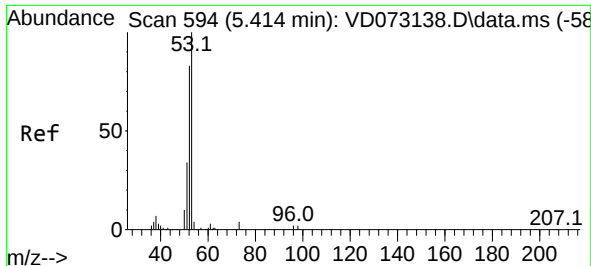
Ion Ratio Lower Upper

41 100

39 66.1 59.3 88.9

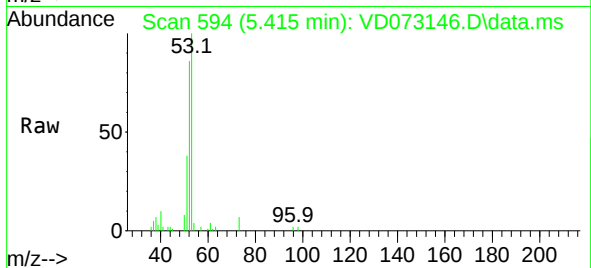
76 36.0 25.7 38.5



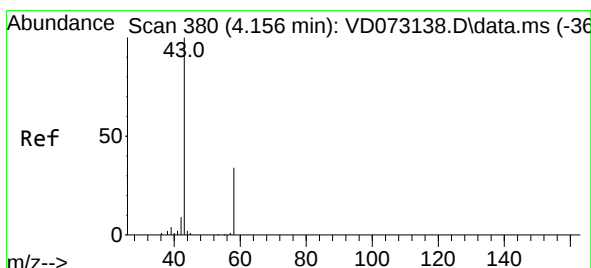
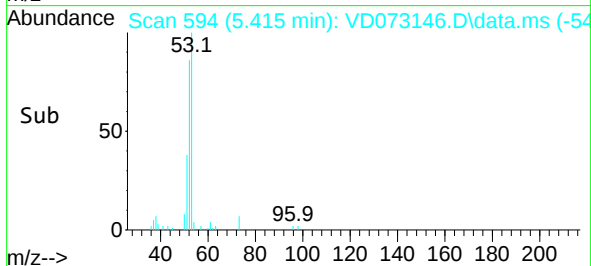
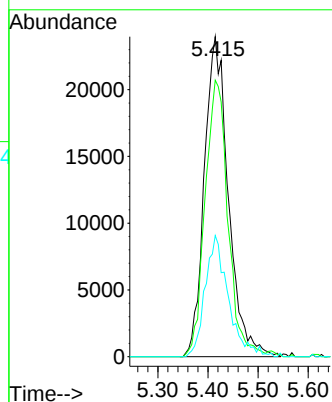


#15
Acrylonitrile
Concen: 102.381 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

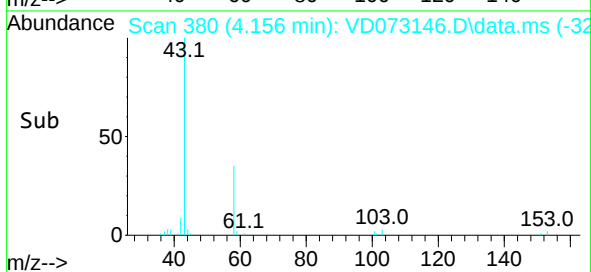
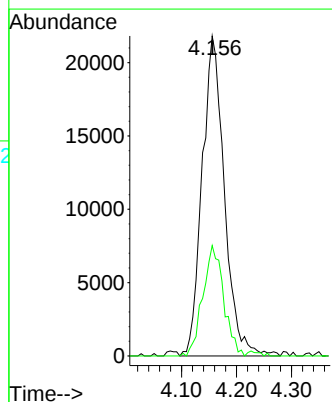
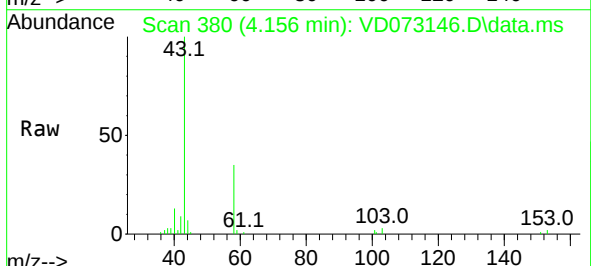


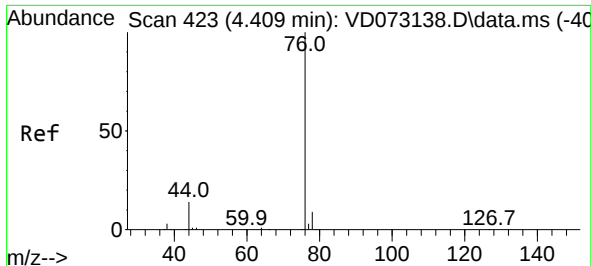
Tgt Ion: 53	Resp: 79794
Ion Ratio	Lower Upper
53 100	
52 82.1	67.2 100.8
51 36.6	30.3 45.5



#16
Acetone
Concen: 94.528 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 43	Resp: 61435
Ion Ratio	Lower Upper
43 100	
58 34.5	22.1 33.1#

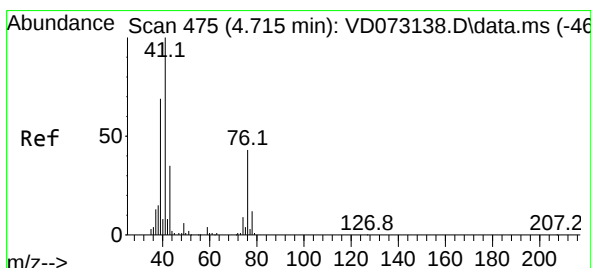
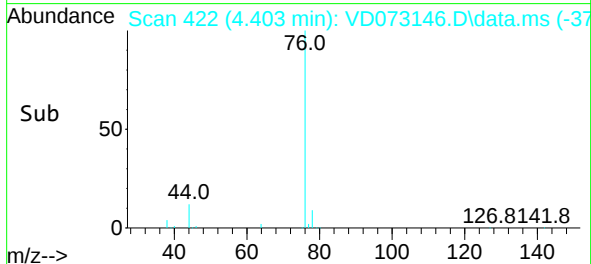
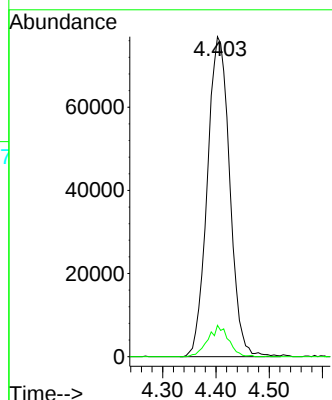
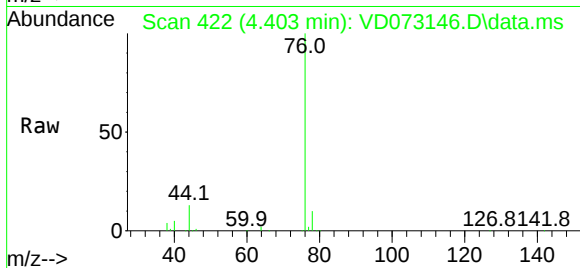




#17
Carbon Disulfide
Concen: 19.903 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

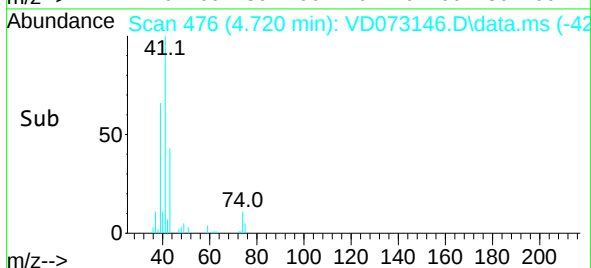
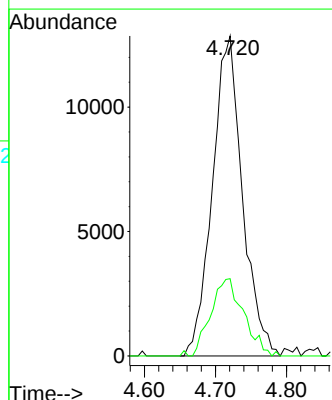
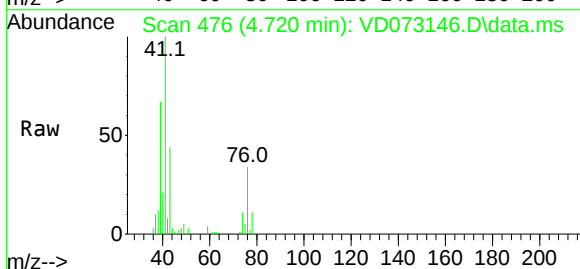
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

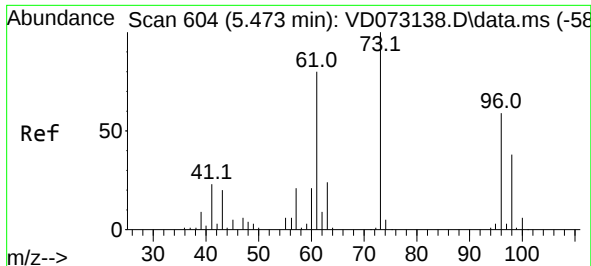
Tgt Ion: 76 Resp: 225130
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 20.902 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 43 Resp: 37774
Ion Ratio Lower Upper
43 100
74 26.4 16.7 25.1#

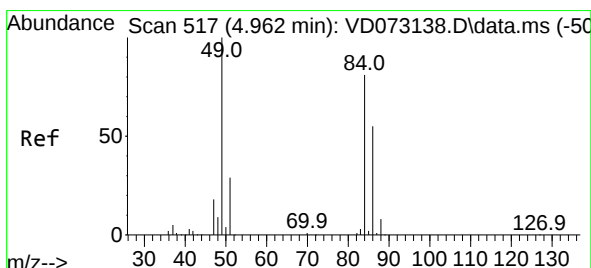
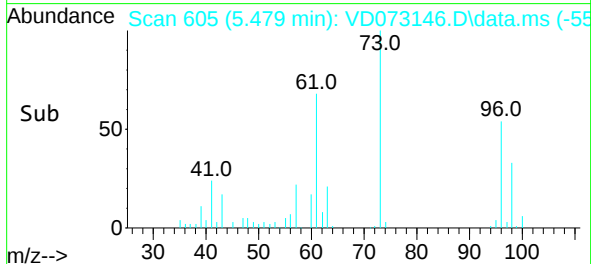
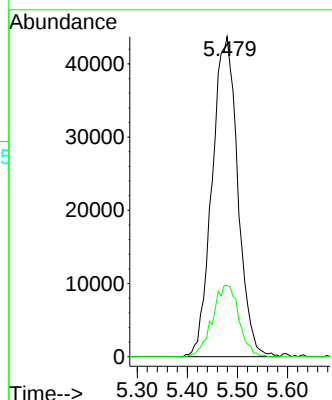
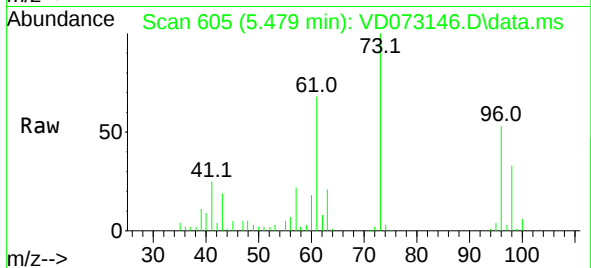




#19
Methyl tert-butyl Ether
Concen: 20.004 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

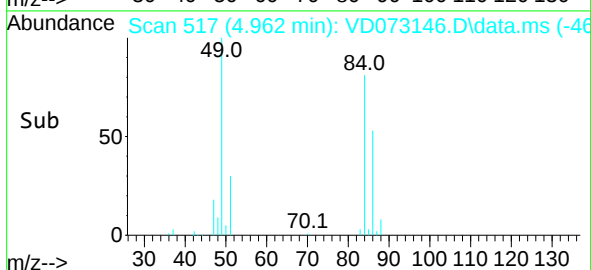
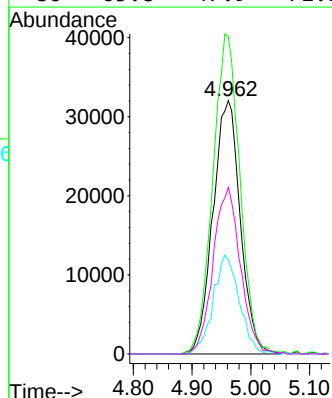
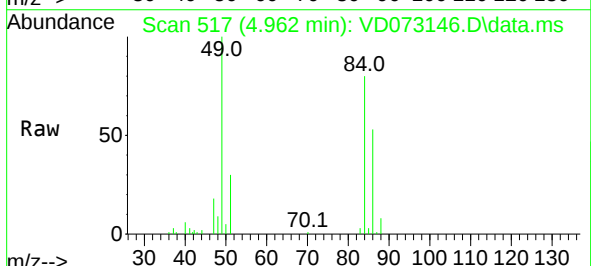
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

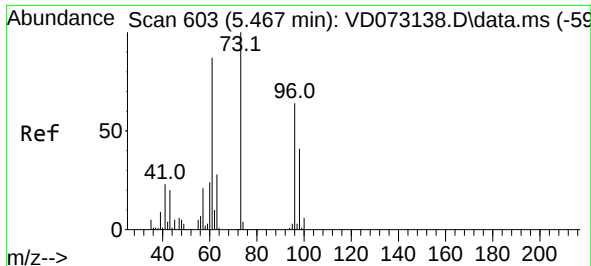
Tgt Ion: 73 Resp: 155498
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 22.991 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 84 Resp: 103670
Ion Ratio Lower Upper
84 100
49 125.0 112.8 169.2
51 37.1 32.6 48.8
86 65.8 47.9 71.9

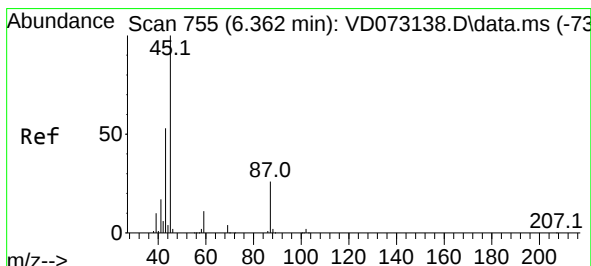
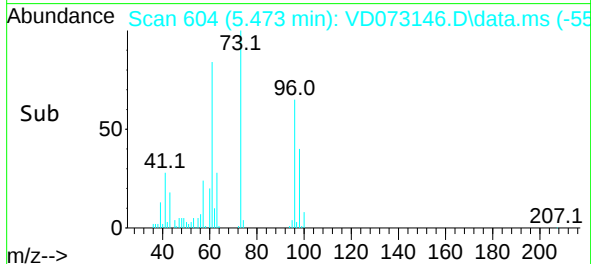
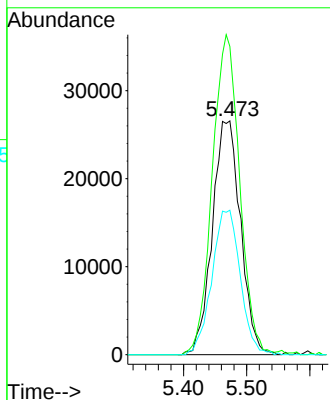
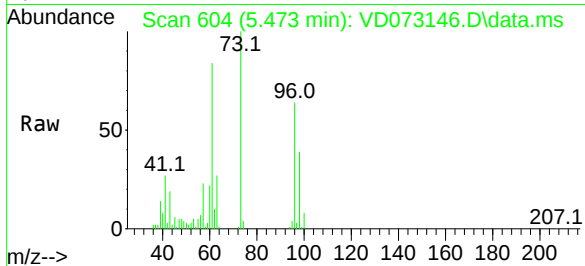




#21
trans-1,2-Dichloroethene
Concen: 20.034 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

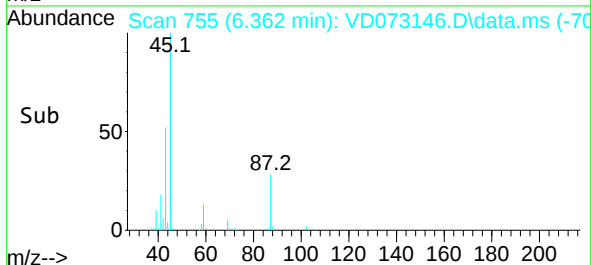
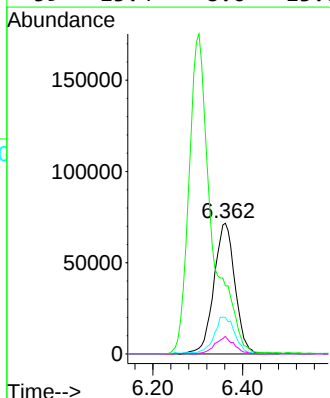
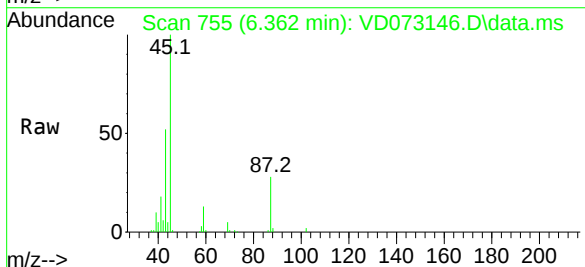
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

Tgt Ion: 96 Resp: 82649
Ion Ratio Lower Upper
96 100
61 131.8 117.9 176.9
98 61.8 49.4 74.2



#22
Diisopropyl ether
Concen: 20.345 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 45 Resp: 234893
Ion Ratio Lower Upper
45 100
43 51.1 46.6 70.0
87 27.9 18.4 27.6#
59 13.4 8.6 13.0#

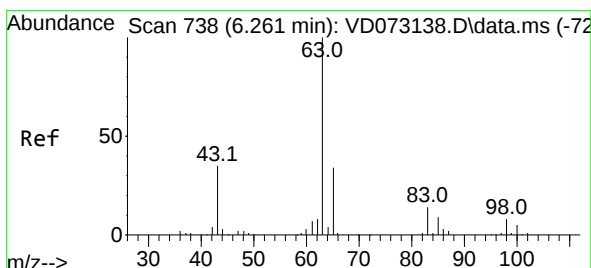
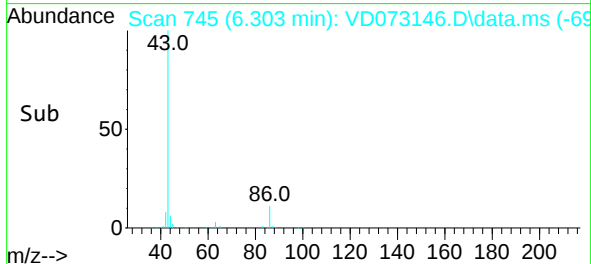
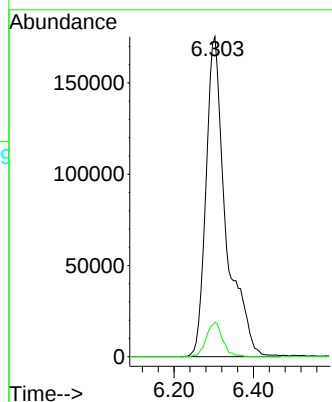
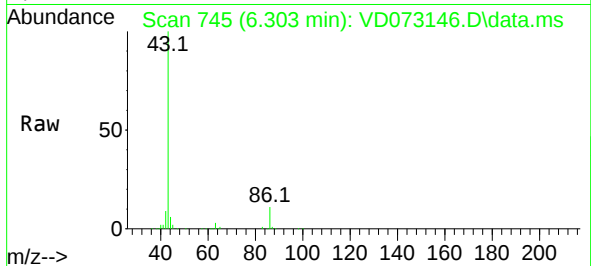




#23
 Vinyl Acetate
 Concen: 99.588 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073146.D
 Acq: 19 May 2022 18:50

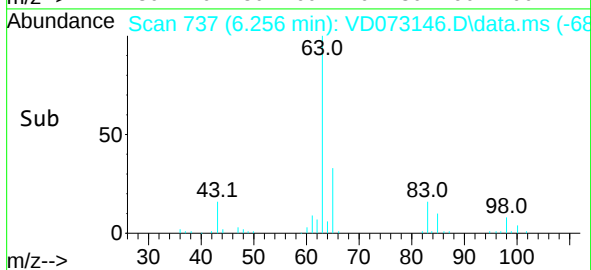
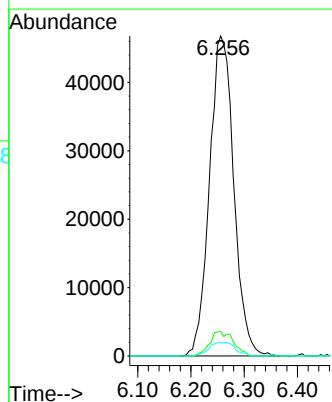
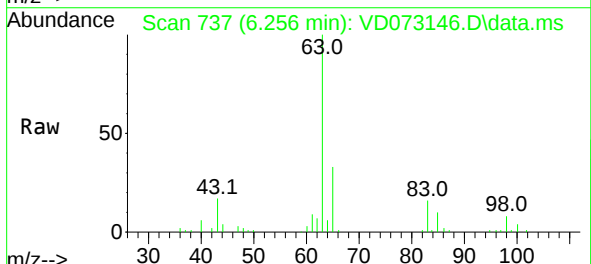
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

Tgt Ion: 43 Resp: 613310
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.976 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073146.D
 Acq: 19 May 2022 18:50

Tgt Ion: 63 Resp: 148043
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.3 2.1 6.5

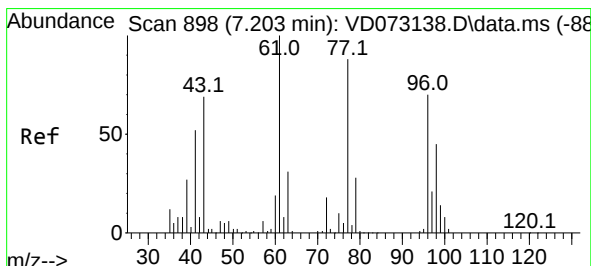
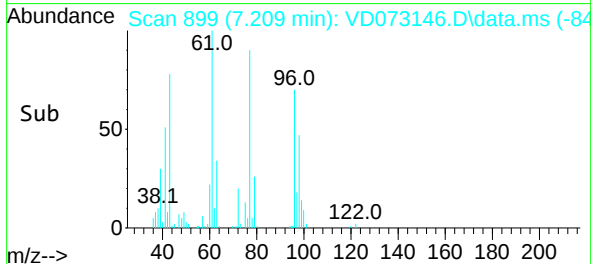
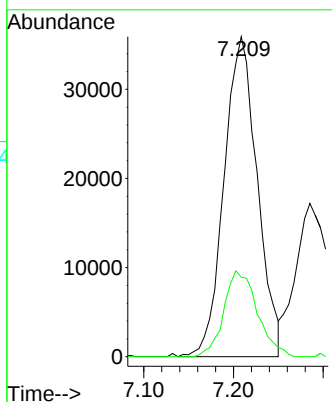
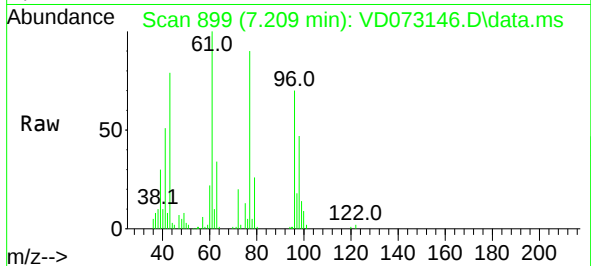




#25
2-Butanone
Concen: 97.243 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

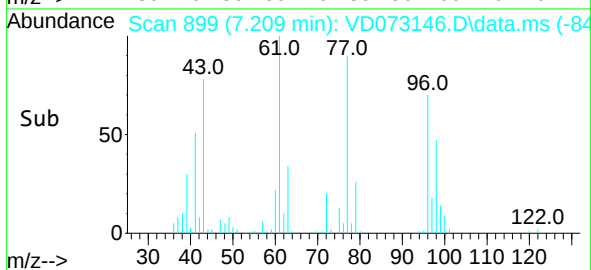
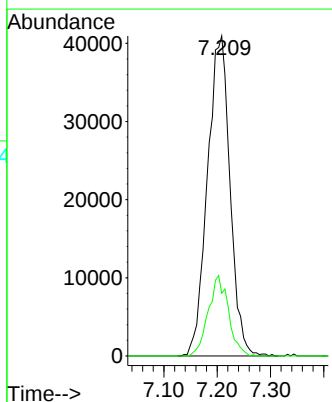
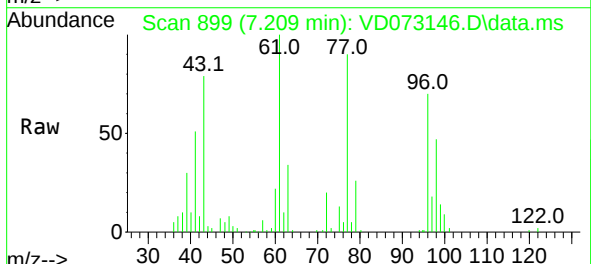
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

Tgt Ion: 43 Resp: 92464
Ion Ratio Lower Upper
43 100
72 24.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 19.022 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 77 Resp: 120221
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.4

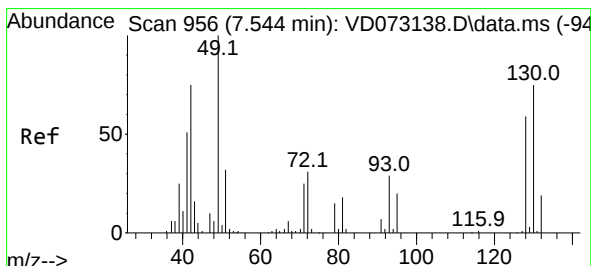
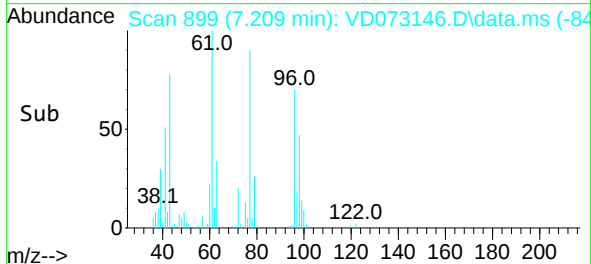
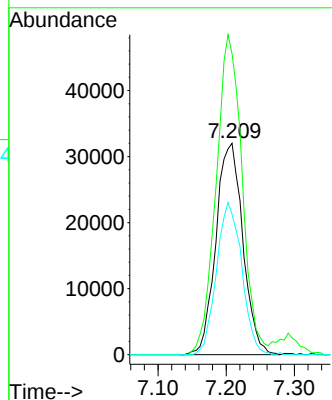
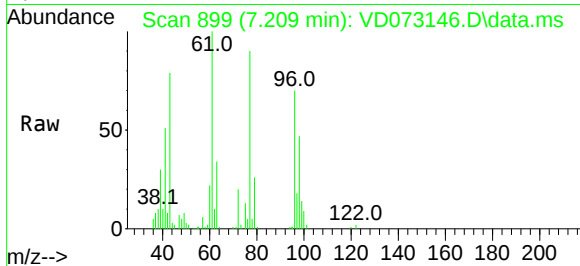




#27
 cis-1,2-Dichloroethene
 Concen: 19.298 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.001 min
 Lab File: VD073146.D
 Acq: 19 May 2022 18:50

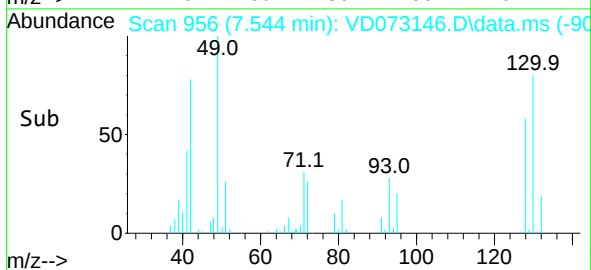
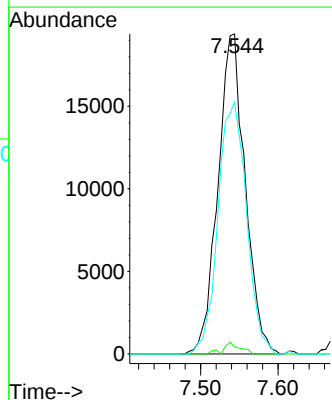
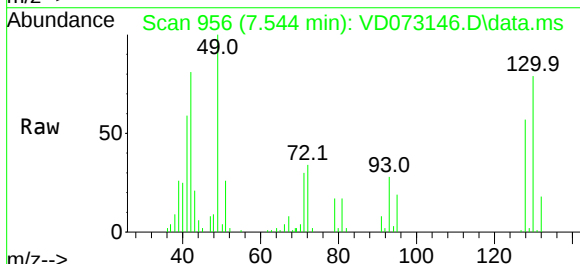
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD01

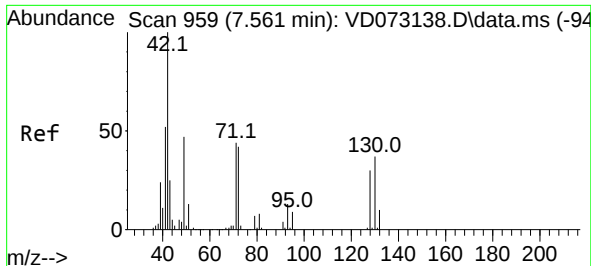
Tgt Ion: 96	Resp: 88092
Ion Ratio	Lower Upper
96 100	
61 145.8	0.0 313.8
98 67.6	0.0 128.8



#28
 Bromochloromethane
 Concen: 18.547 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073146.D
 Acq: 19 May 2022 18:50

Tgt Ion: 49	Resp: 47354
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.0
130 82.6	52.6 79.0#





#29

Tetrahydrofuran

Concen: 100.633 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD01

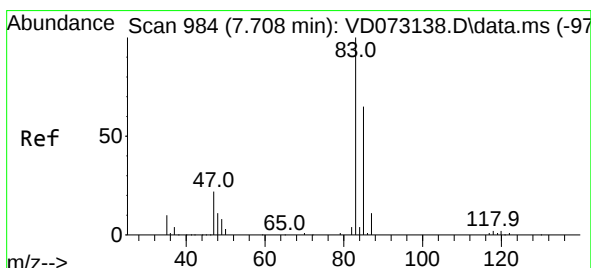
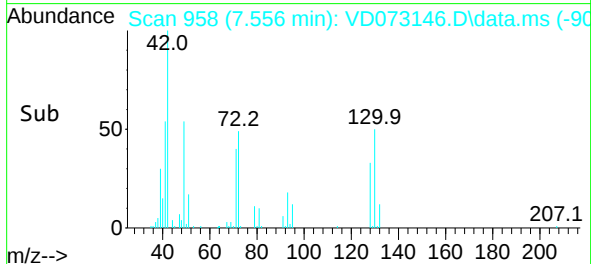
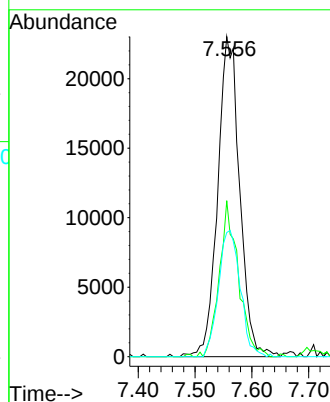
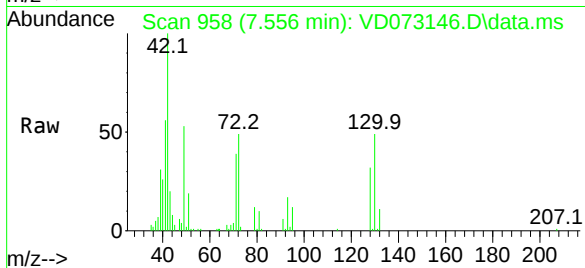
Tgt Ion: 42 Resp: 61873

Ion Ratio Lower Upper

42 100

72 42.5 30.7 46.1

71 39.2 28.6 43.0



#30

Chloroform

Concen: 19.443 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073146.D

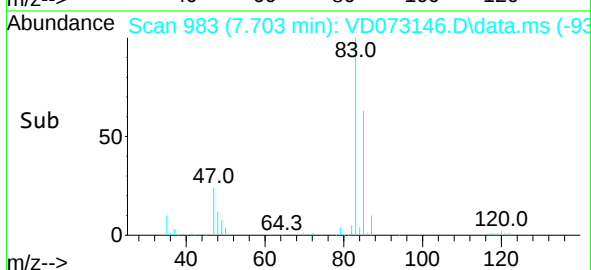
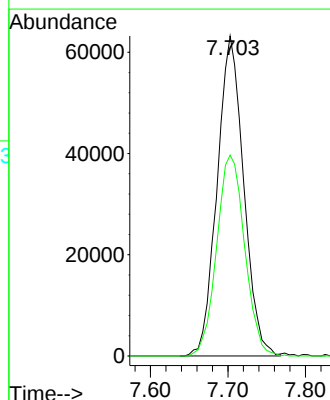
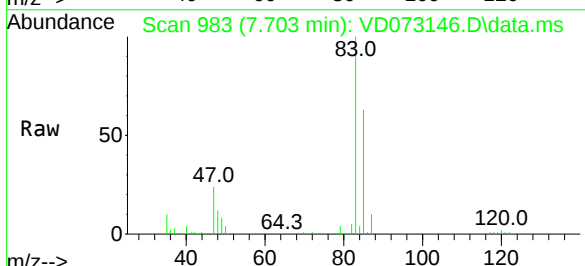
Acq: 19 May 2022 18:50

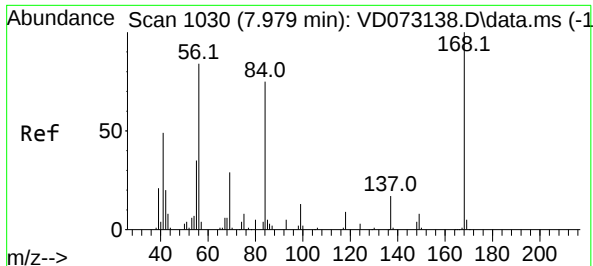
Tgt Ion: 83 Resp: 150428

Ion Ratio Lower Upper

83 100

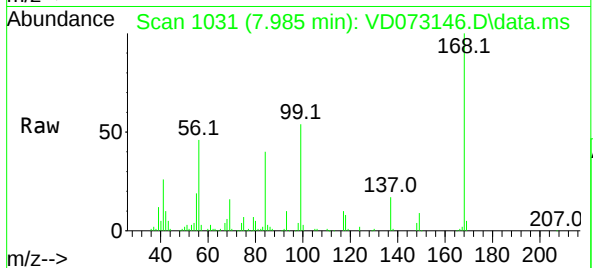
85 62.7 52.7 79.1



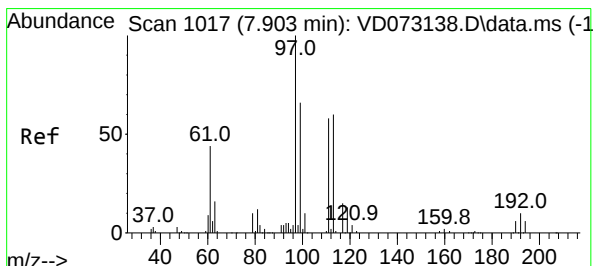
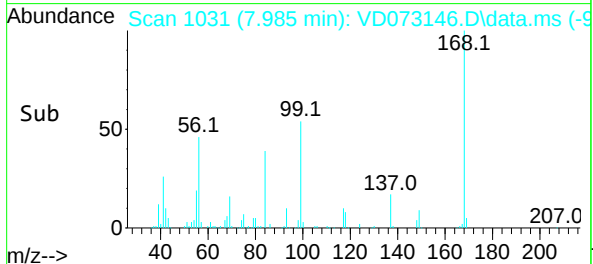
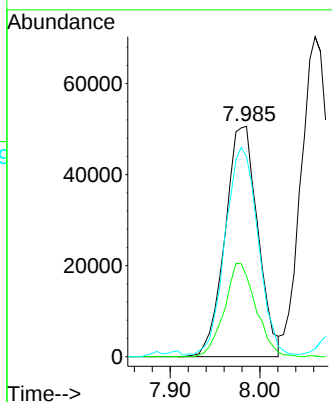


#31
Cyclohexane
Concen: 19.567 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

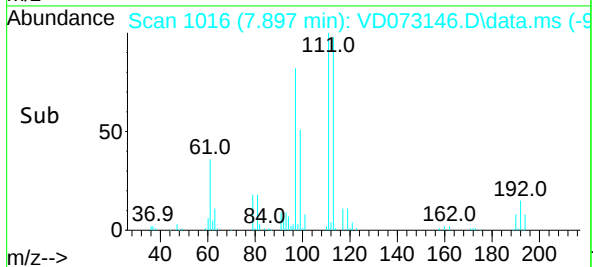
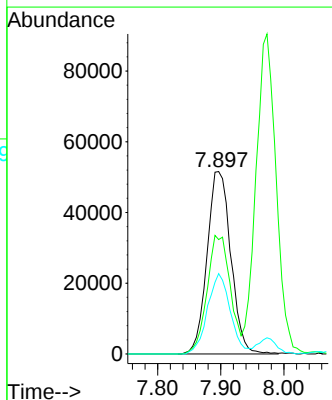
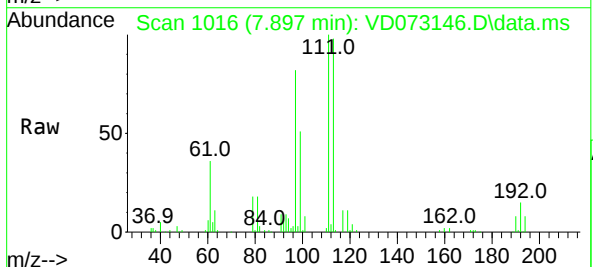


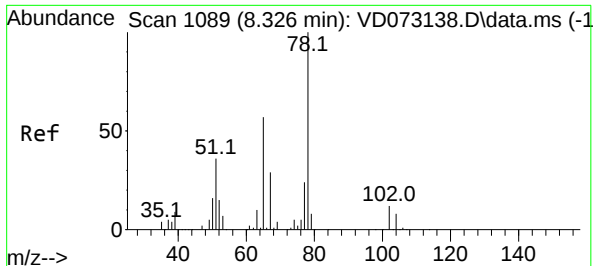
Tgt Ion: 56 Resp: 128298
Ion Ratio Lower Upper
56 100
69 34.9 25.4 38.2
84 84.4 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 19.957 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 97 Resp: 135045
Ion Ratio Lower Upper
97 100
99 63.4 52.4 78.6
61 42.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.742 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

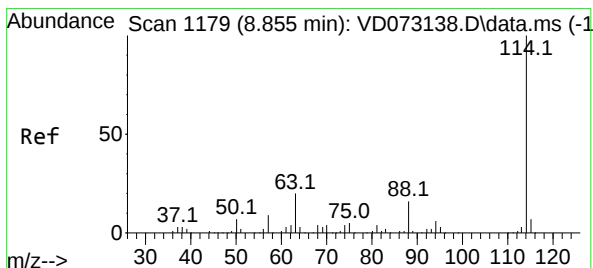
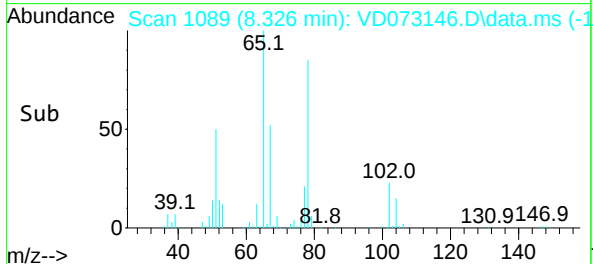
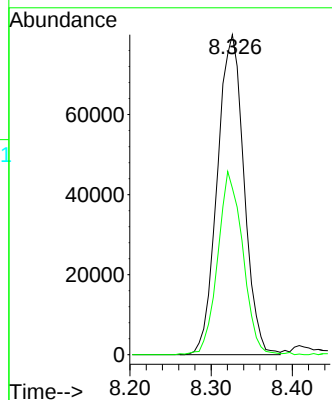
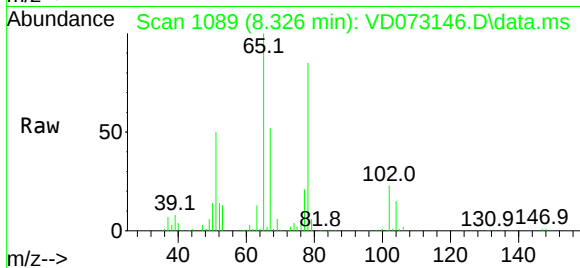
VD0519SBS01

Tgt Ion: 65 Resp: 182887

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

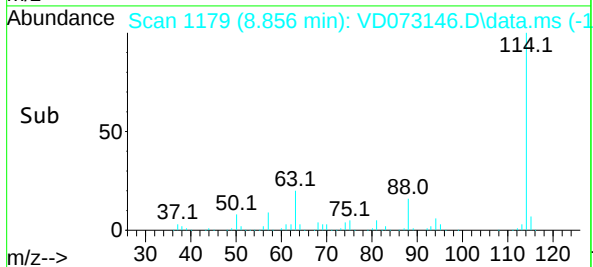
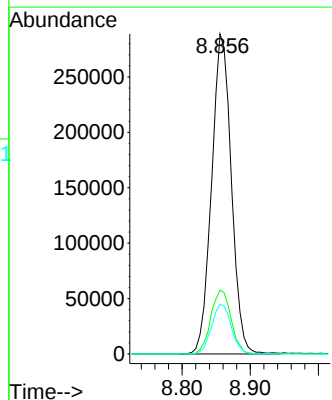
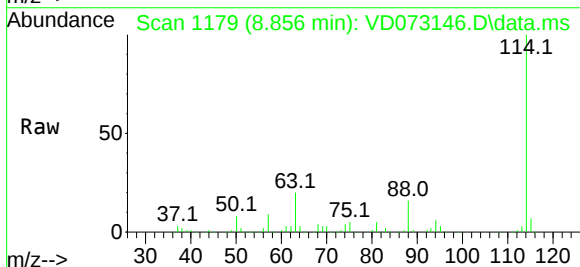
Tgt Ion: 114 Resp: 580822

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.426 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD01

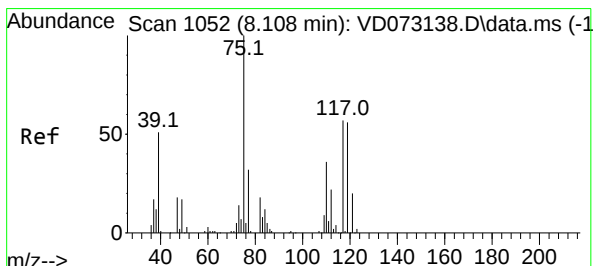
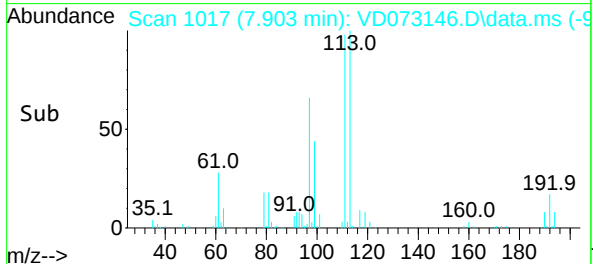
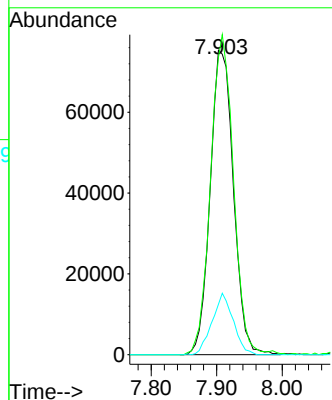
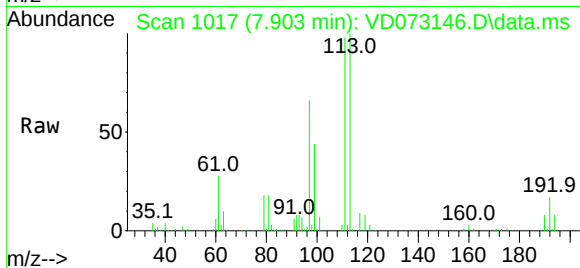
Tgt Ion:113 Resp: 185600

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.974 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.001 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

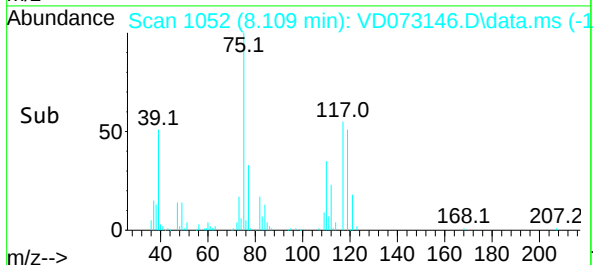
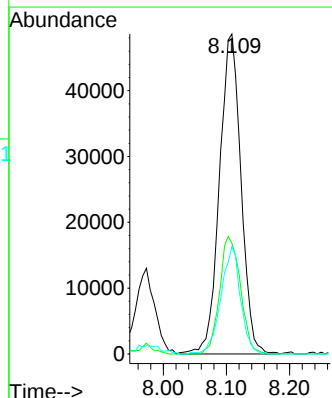
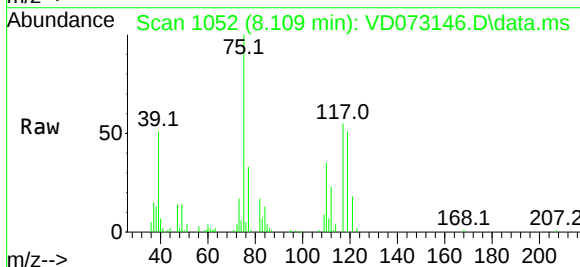
Tgt Ion: 75 Resp: 115136

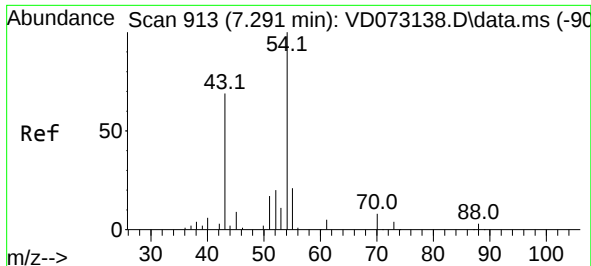
Ion Ratio Lower Upper

75 100

110 35.5 16.4 49.1

77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 18.928 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

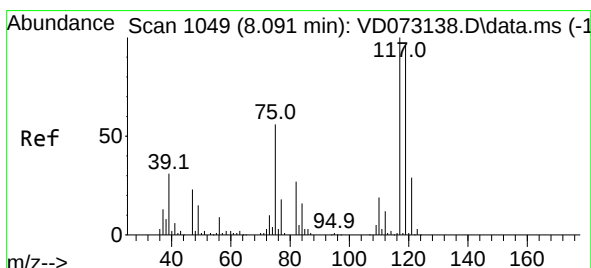
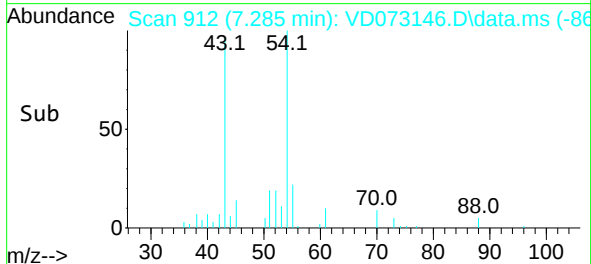
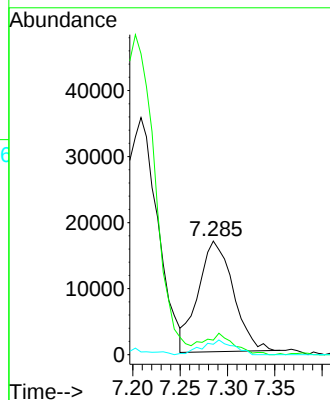
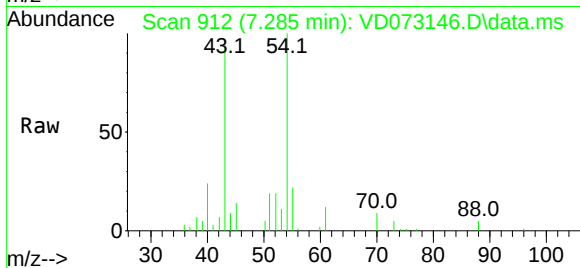
Tgt Ion: 43 Resp: 43095

Ion Ratio Lower Upper

43 100

61 16.6 9.8 14.8#

70 11.6 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 19.828 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

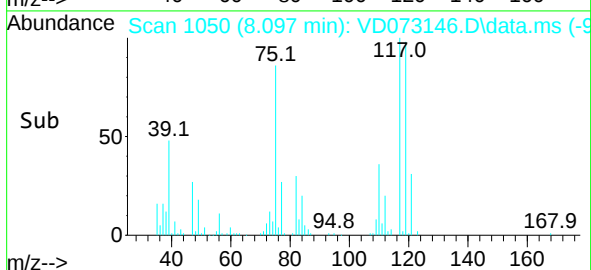
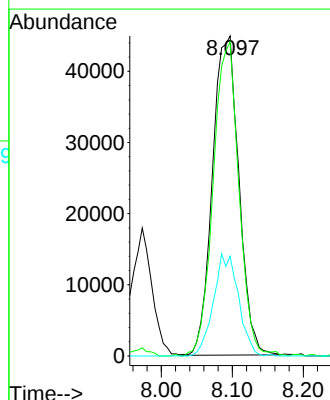
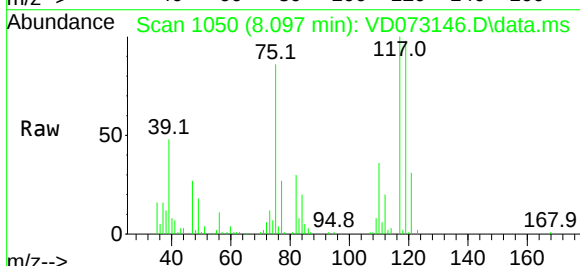
Tgt Ion: 117 Resp: 115854

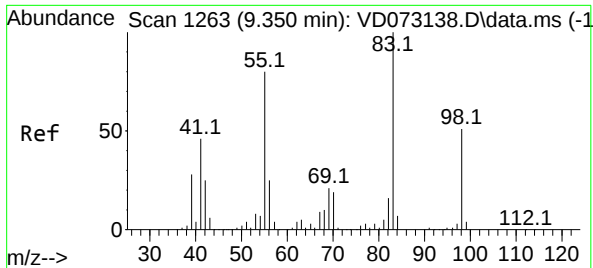
Ion Ratio Lower Upper

117 100

119 98.5 75.8 113.6

121 31.3 24.5 36.7





#39

Methylcyclohexane

Concen: 19.902 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD01

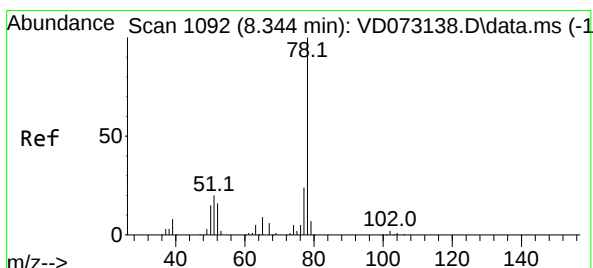
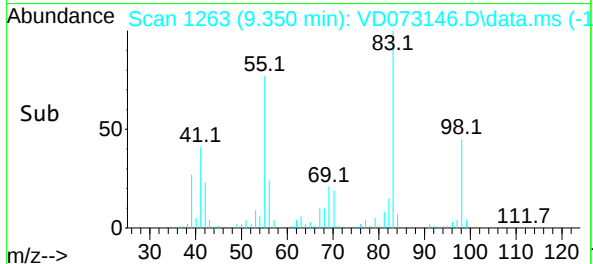
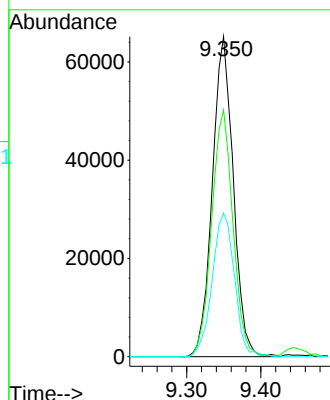
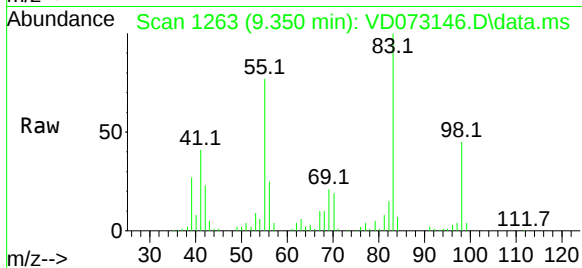
Tgt Ion: 83 Resp: 127848

Ion Ratio Lower Upper

83 100

55 77.1 63.2 94.8

98 44.9 38.2 57.4



#40

Benzene

Concen: 20.004 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073146.D

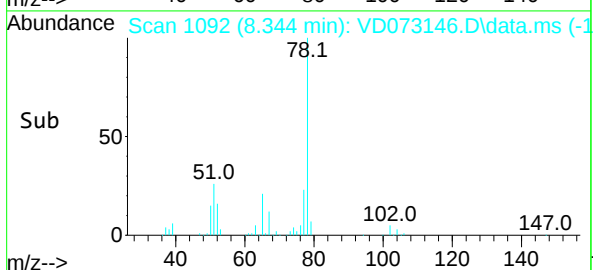
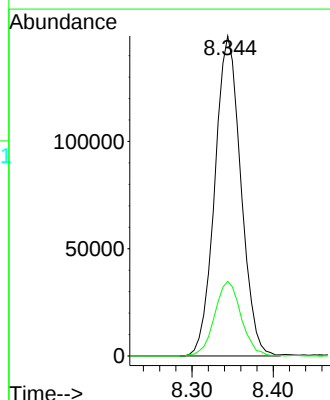
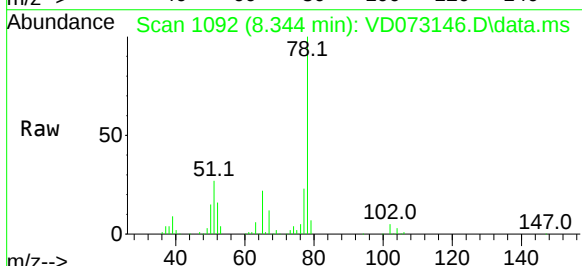
Acq: 19 May 2022 18:50

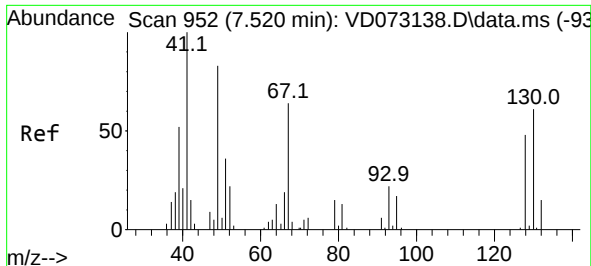
Tgt Ion: 78 Resp: 332320

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

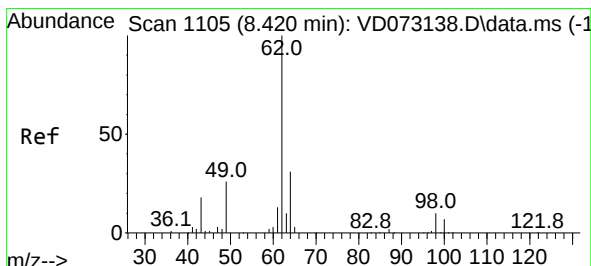
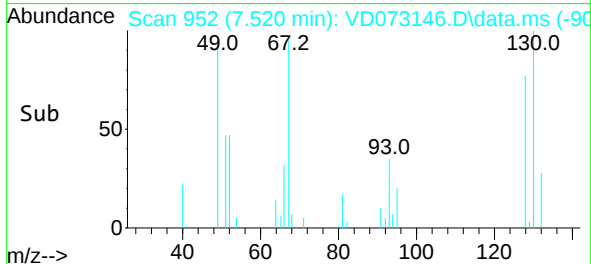
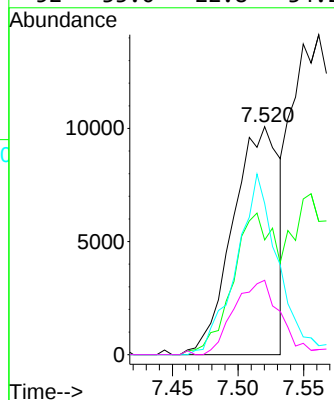
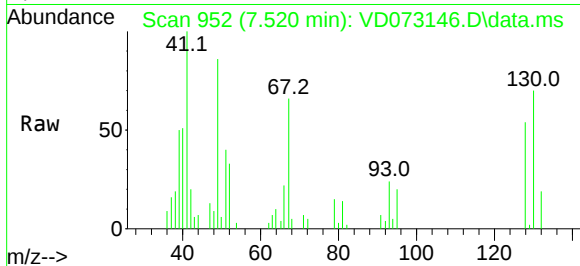




#41
Methacrylonitrile
Concen: 18.646 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

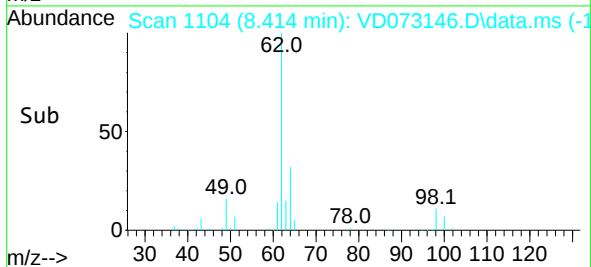
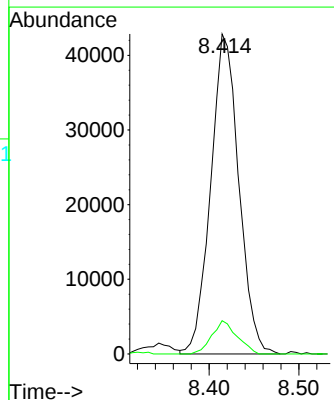
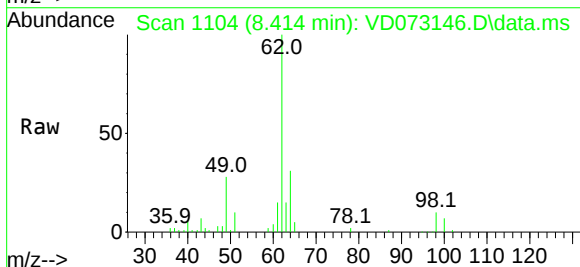
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

Tgt Ion:	41	Resp:	24735
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.6	67.0
67	71.8	48.2	72.4
52	33.0	22.8	34.2



#42
1,2-Dichloroethane
Concen: 20.186 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion:	62	Resp:	93307
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6

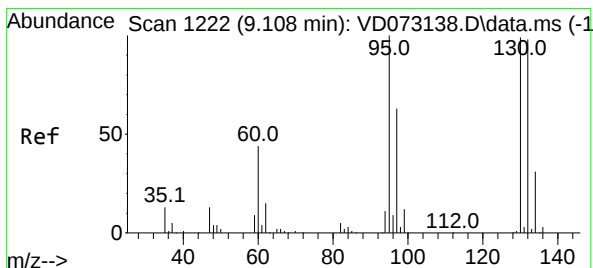
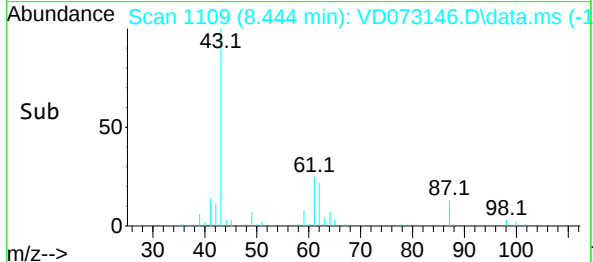
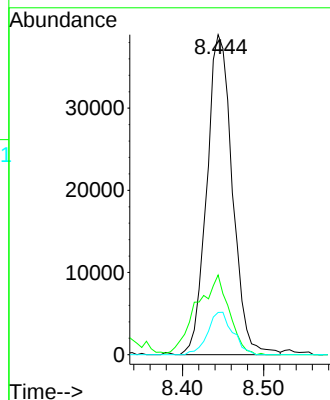
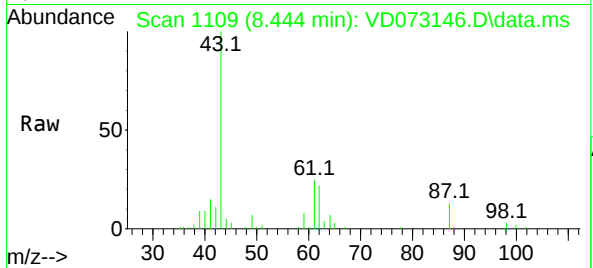




#43
Isopropyl Acetate
Concen: 20.298 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

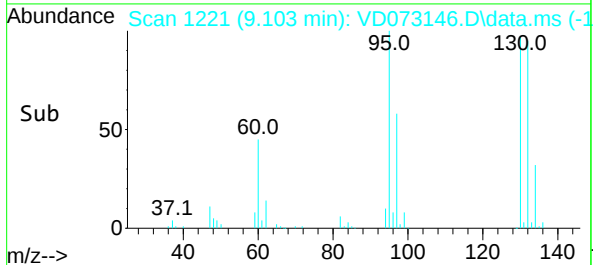
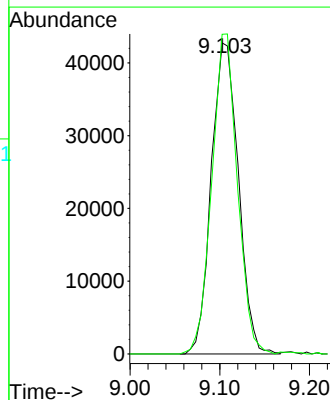
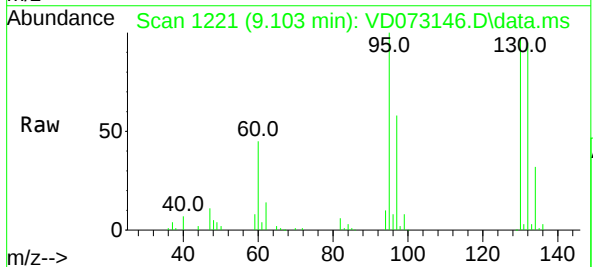
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

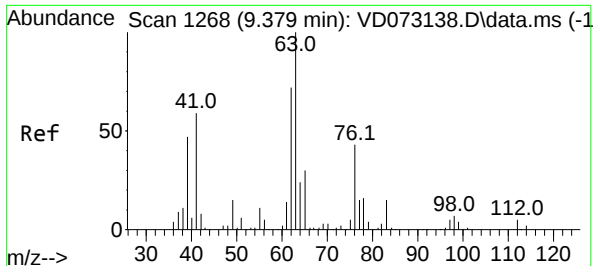
Tgt Ion: 43 Resp: 85424
Ion Ratio Lower Upper
43 100
61 31.7 22.4 33.6
87 13.0 8.7 13.1



#44
Trichloroethene
Concen: 20.251 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 130 Resp: 89714
Ion Ratio Lower Upper
130 100
95 102.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.762 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

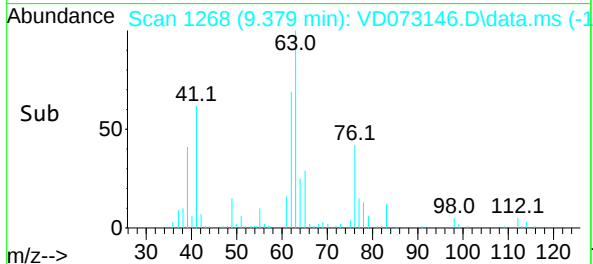
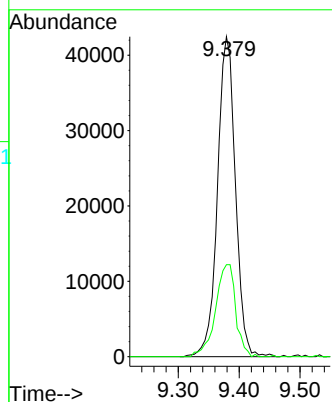
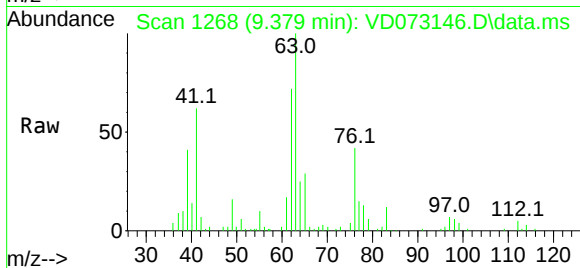
VD0519SBS01

Tgt Ion: 63 Resp: 86860

Ion Ratio Lower Upper

63 100

65 28.7 26.2 39.4



#46

Dibromomethane

Concen: 19.902 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

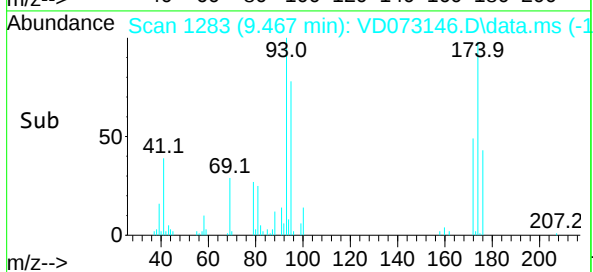
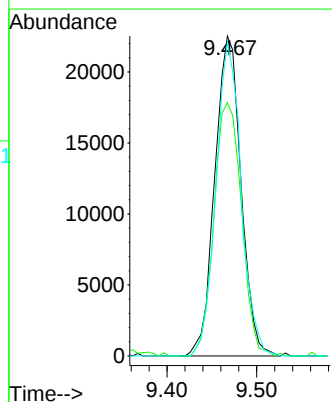
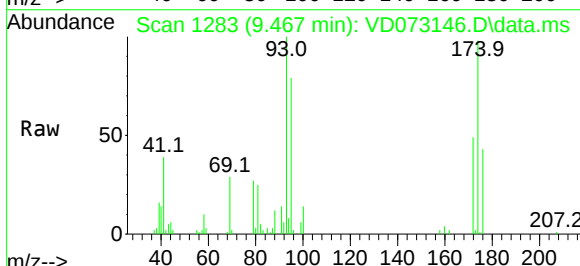
Tgt Ion: 93 Resp: 45729

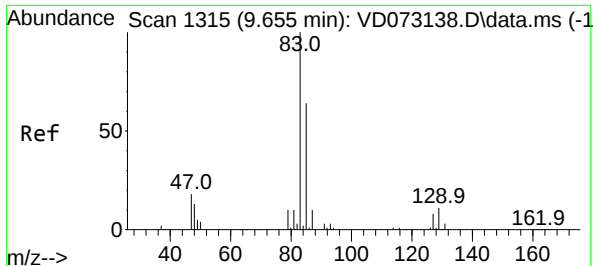
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 93.9 71.6 107.4

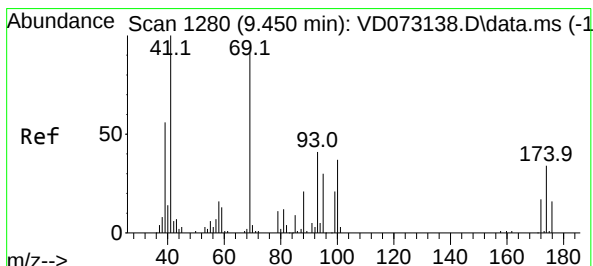
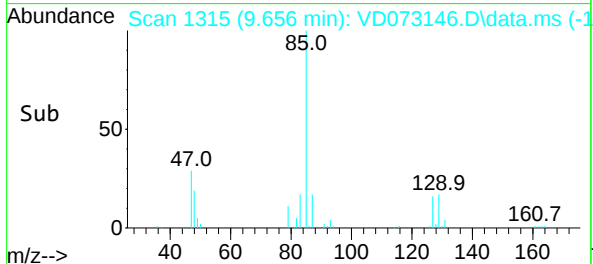
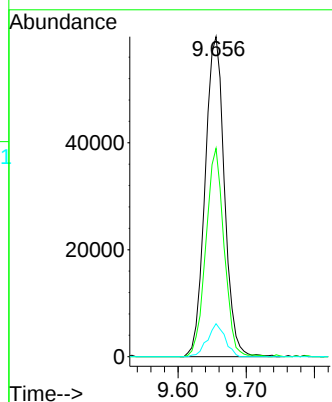
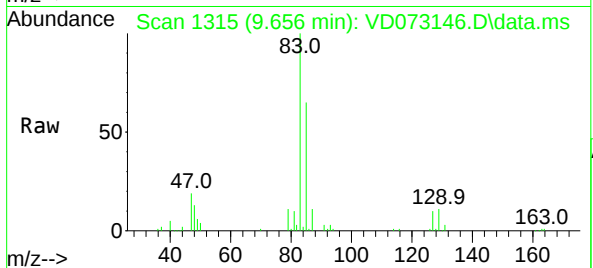




#47
Bromodichloromethane
Concen: 20.071 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

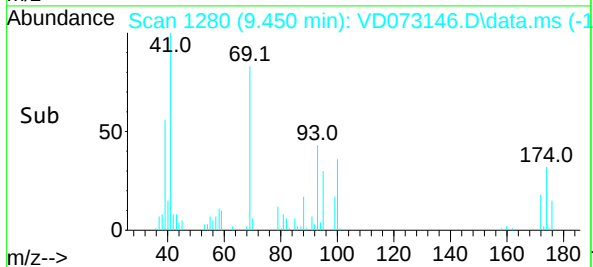
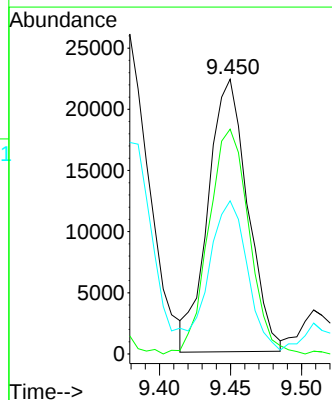
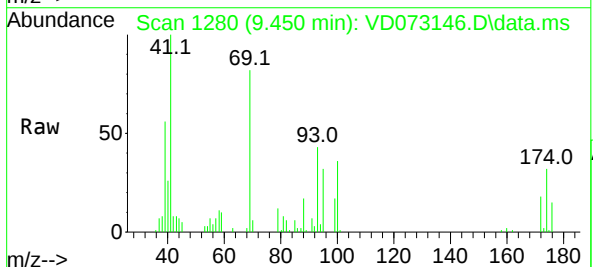
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

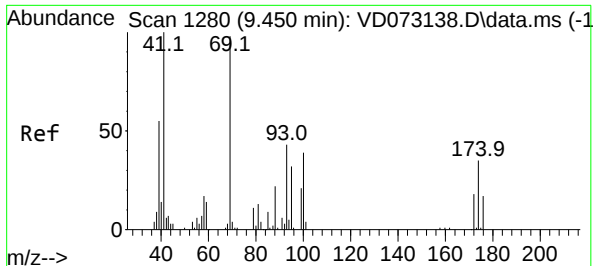
Tgt Ion: 83 Resp: 118002
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0
127 10.3 6.1 9.1#



#48
Methyl methacrylate
Concen: 20.429 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 41 Resp: 43254
Ion Ratio Lower Upper
41 100
69 83.9 56.7 85.1
39 54.0 42.7 64.1





#49

1,4-Dioxane

Concen: 366.134 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

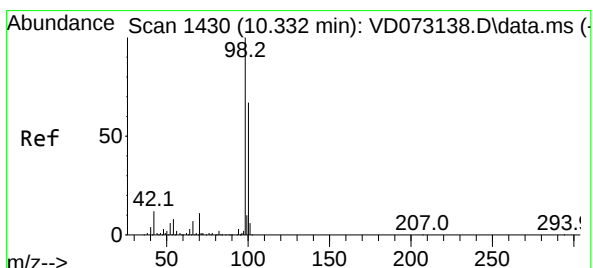
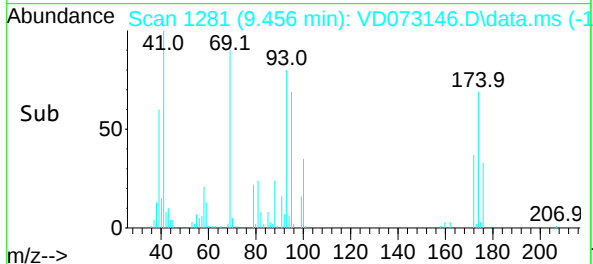
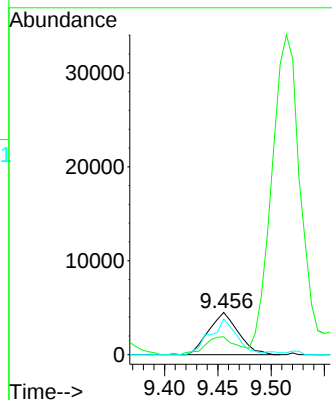
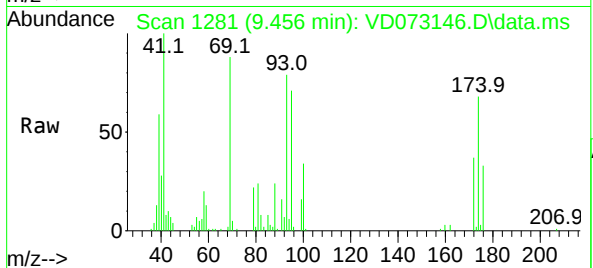
Tgt Ion: 88 Resp: 8688

Ion Ratio Lower Upper

88 100

43 46.0 31.0 46.4

58 77.0 58.1 87.1



#50

Toluene-d8

Concen: 49.468 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073146.D

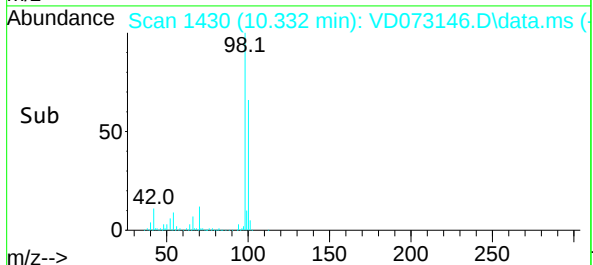
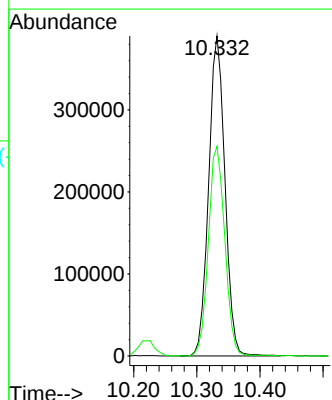
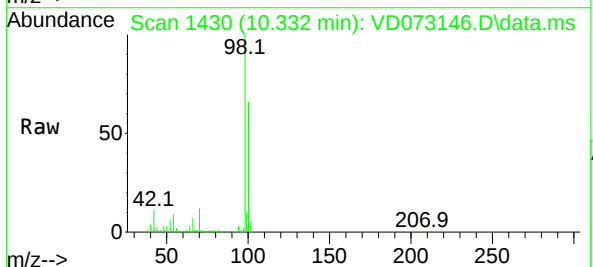
Acq: 19 May 2022 18:50

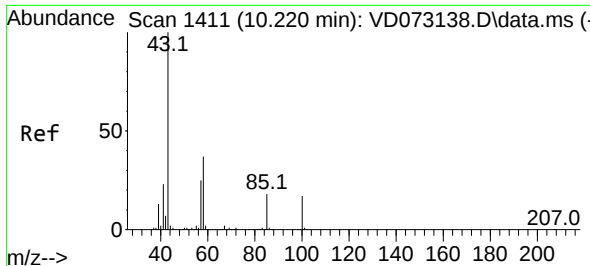
Tgt Ion: 98 Resp: 698888

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

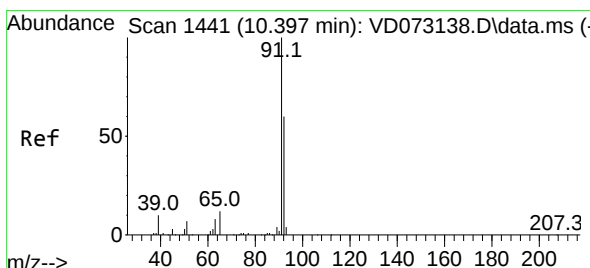
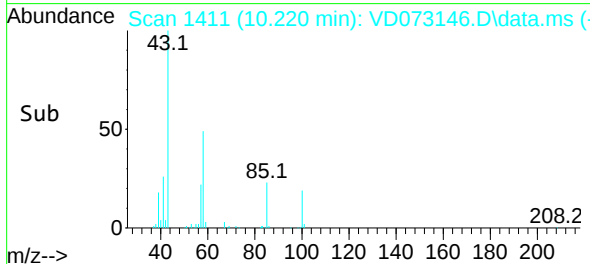
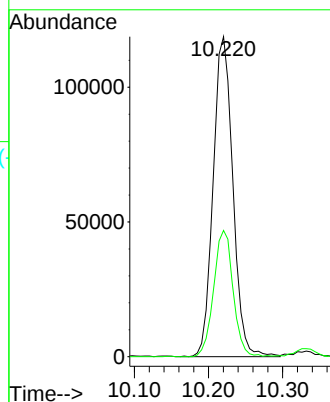
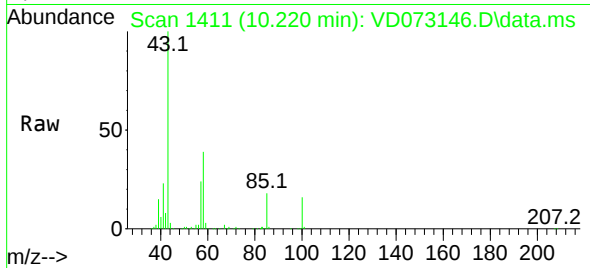




#51
4-Methyl-2-Pentanone
Concen: 100.307 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

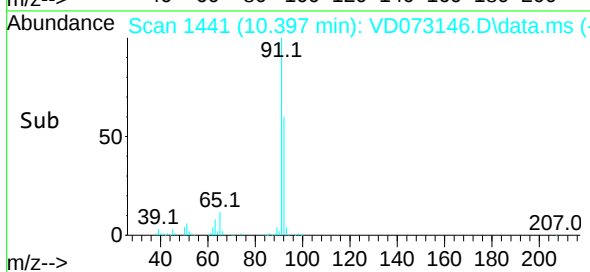
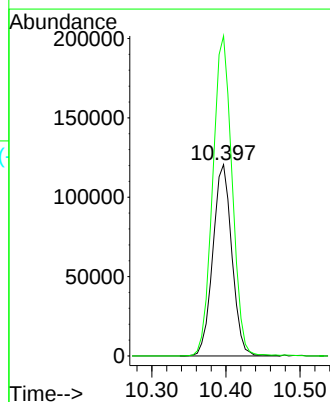
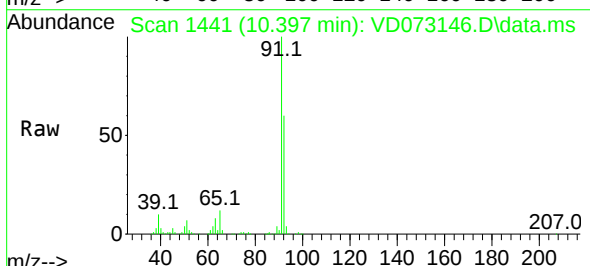
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

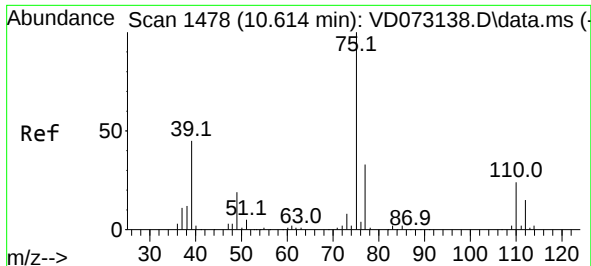
Tgt Ion: 43 Resp: 219248
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 20.423 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 92 Resp: 214396
Ion Ratio Lower Upper
92 100
91 170.8 139.6 209.4

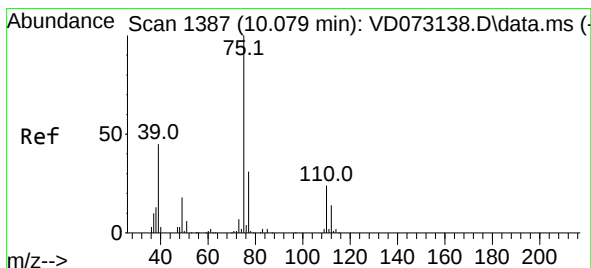
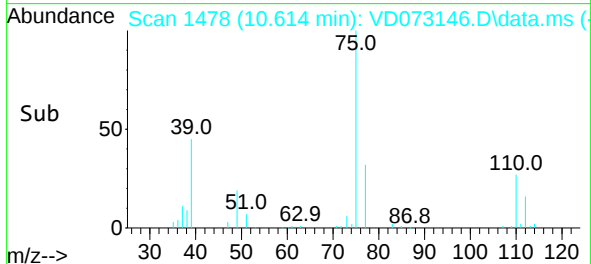
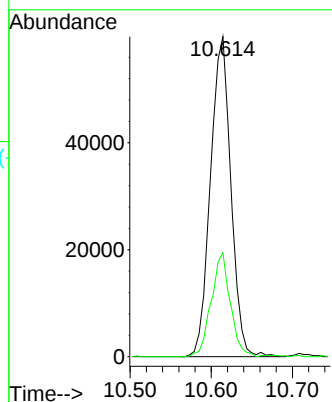
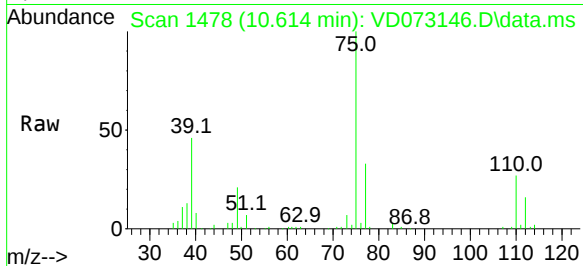




#53
t-1,3-Dichloropropene
Concen: 19.706 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

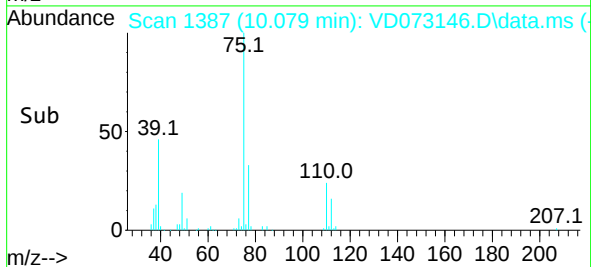
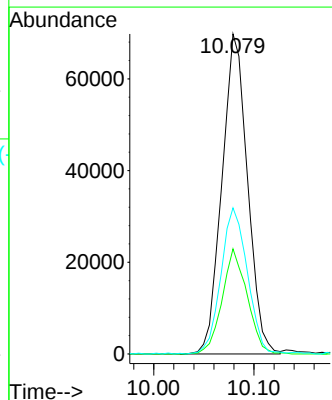
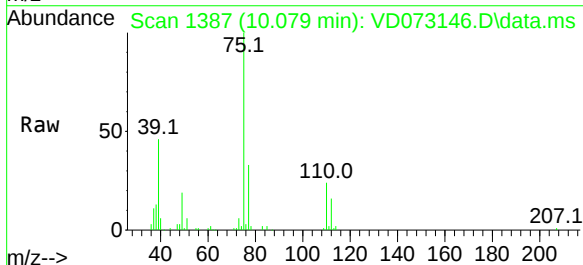
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

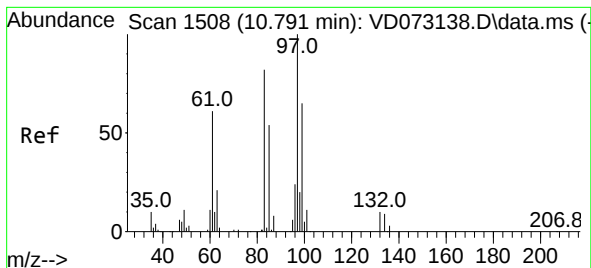
Tgt Ion: 75 Resp: 104669
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 19.454 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 75 Resp: 123654
Ion Ratio Lower Upper
75 100
77 32.8 24.8 37.2
39 45.4 46.8 70.2#

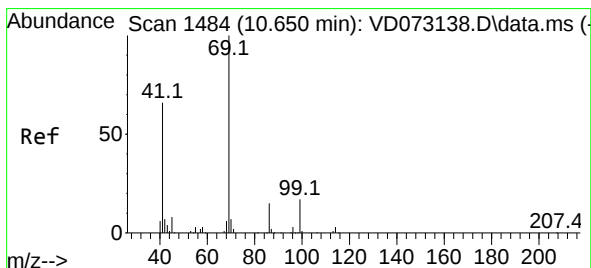
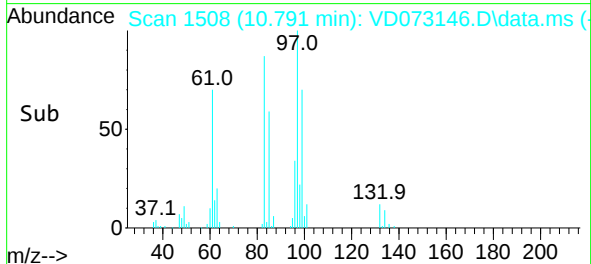
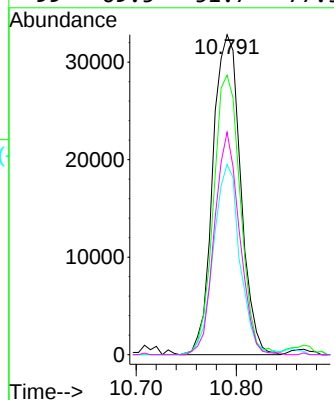
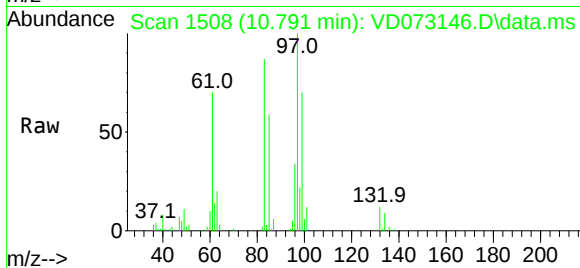




#55
 1,1,2-Trichloroethane
 Concen: 20.272 ug/l
 RT: 10.791 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: VD073146.D
 Acq: 19 May 2022 18:50

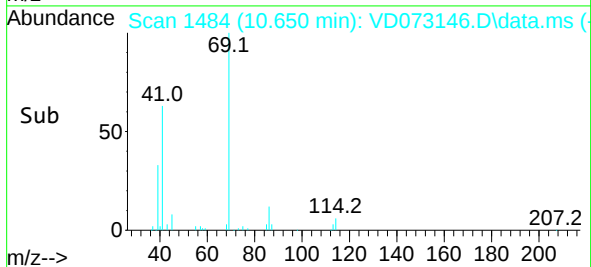
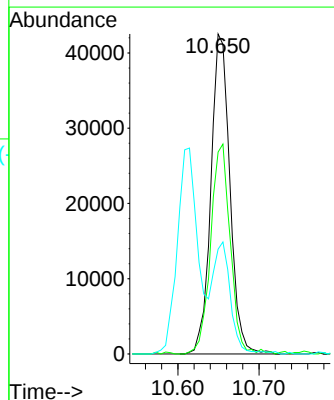
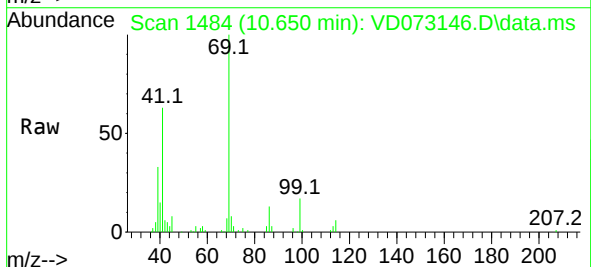
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD01

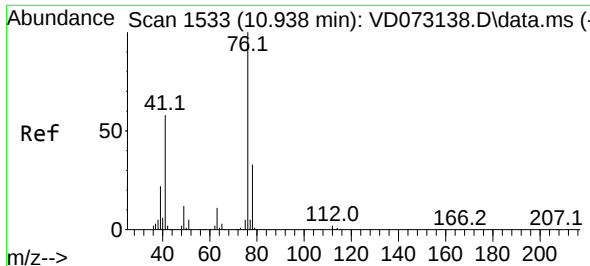
Tgt Ion:	97	Resp:	62990
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.0	103.4
85	59.4	42.6	63.8
99	69.5	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 19.973 ug/l
 RT: 10.650 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VD073146.D
 Acq: 19 May 2022 18:50

Tgt Ion:	69	Resp:	68999
Ion	Ratio	Lower	Upper
69	100		
41	67.3	63.0	94.6
39	31.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 20.833 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

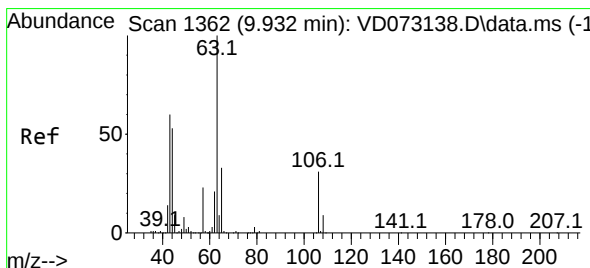
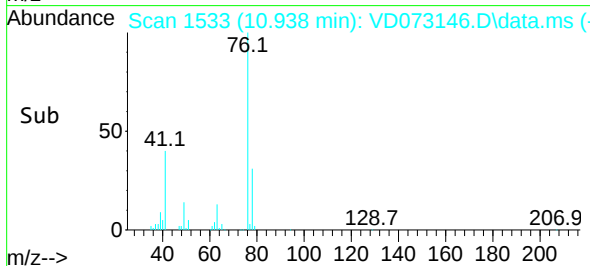
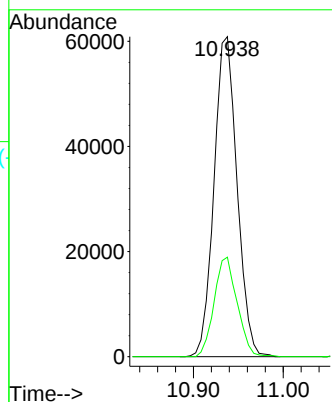
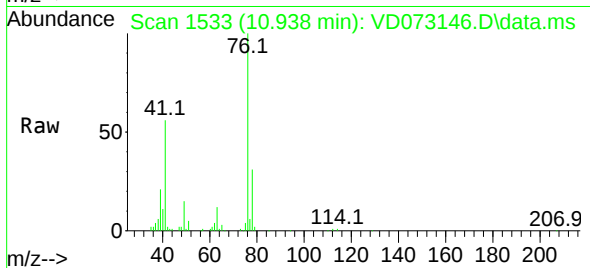
VD0519SBS01

Tgt Ion: 76 Resp: 108613

Ion Ratio Lower Upper

76 100

78 31.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 87.475 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073146.D

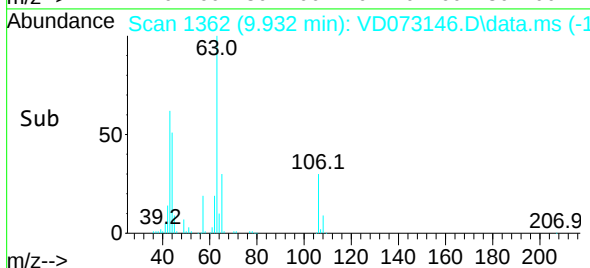
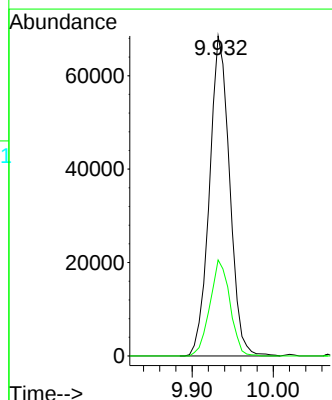
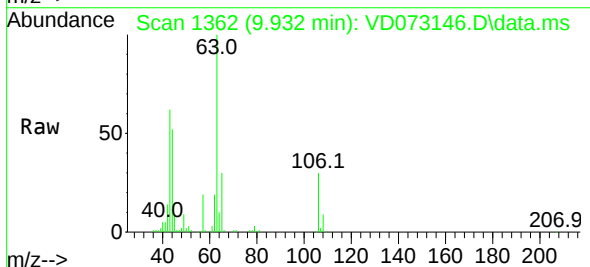
Acq: 19 May 2022 18:50

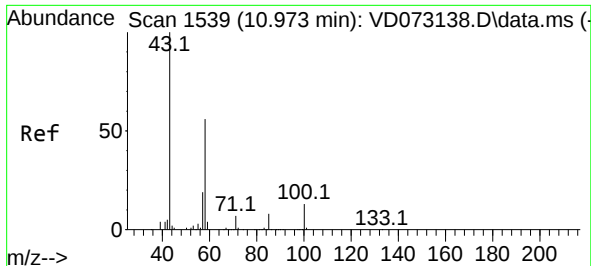
Tgt Ion: 63 Resp: 118321

Ion Ratio Lower Upper

63 100

106 29.8 21.4 32.0

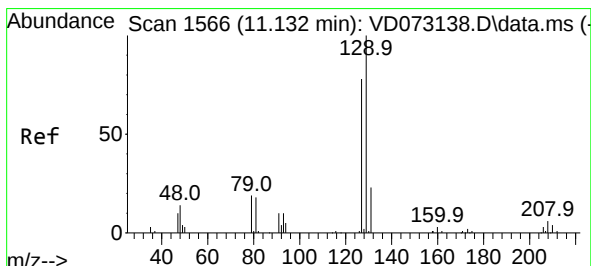
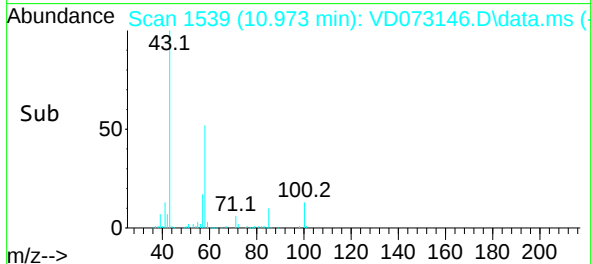
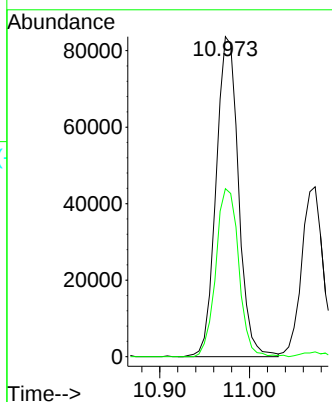
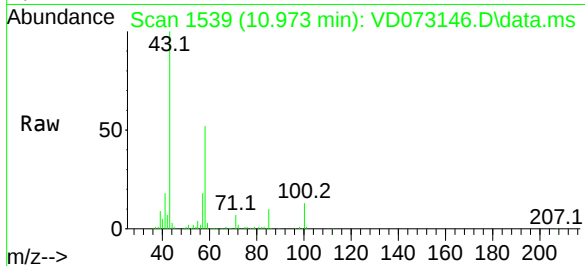




#59
2-Hexanone
Concen: 100.624 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

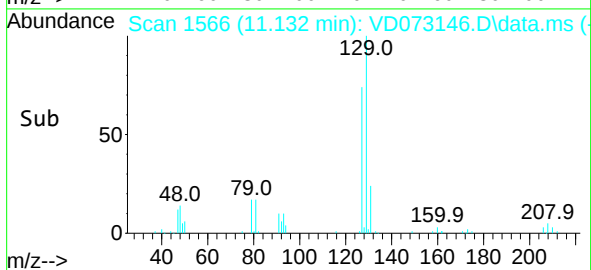
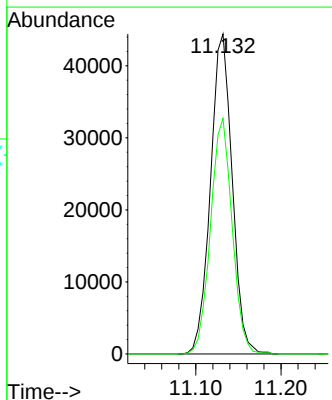
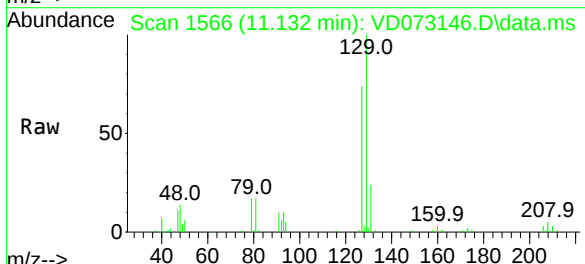
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

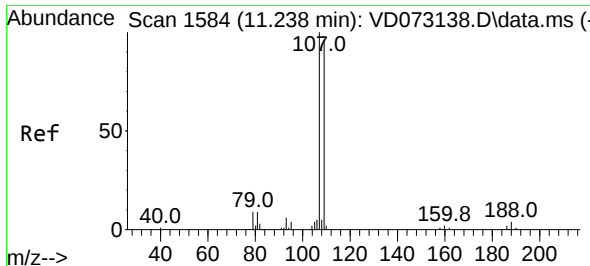
Tgt Ion: 43 Resp: 145004
Ion Ratio Lower Upper
43 100
58 53.6 25.3 75.9



#60
Dibromochloromethane
Concen: 20.313 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 129 Resp: 78700
Ion Ratio Lower Upper
129 100
127 73.4 39.2 117.6

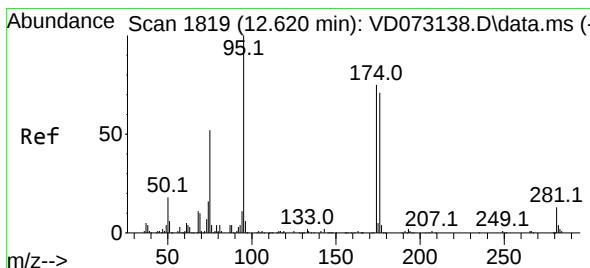
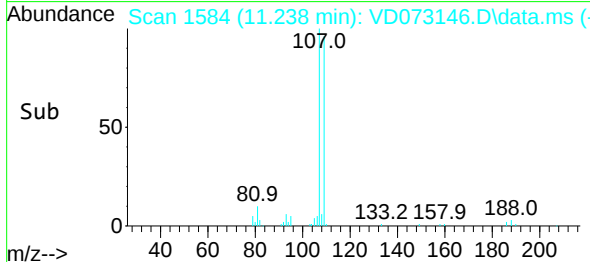
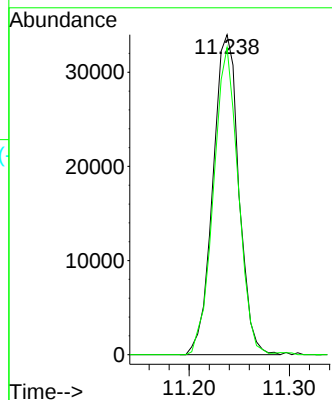
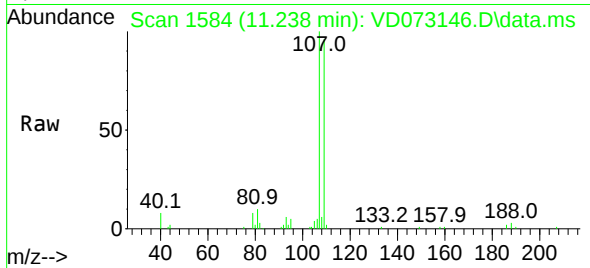




#61
1,2-Dibromoethane
Concen: 20.522 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

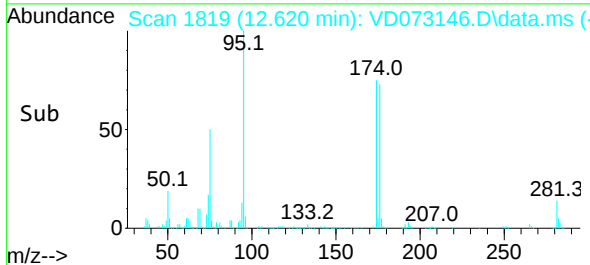
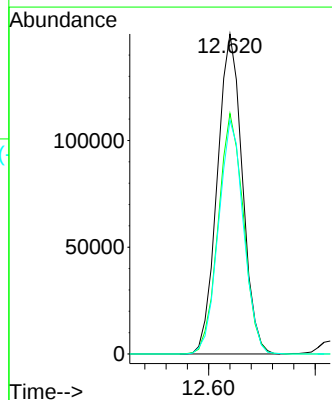
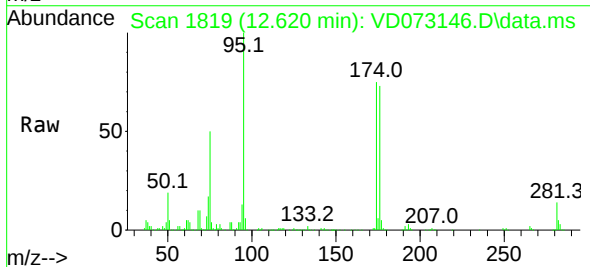
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

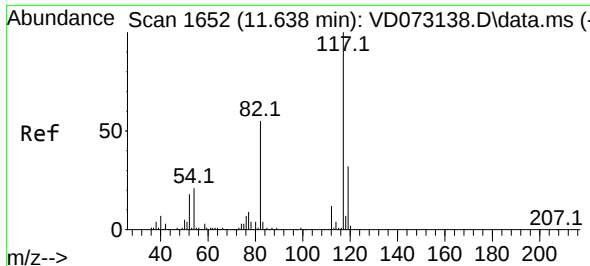
Tgt Ion:107 Resp: 60932
Ion Ratio Lower Upper
107 100
109 91.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.284 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 95 Resp: 244357
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 73.0 0.0 145.4

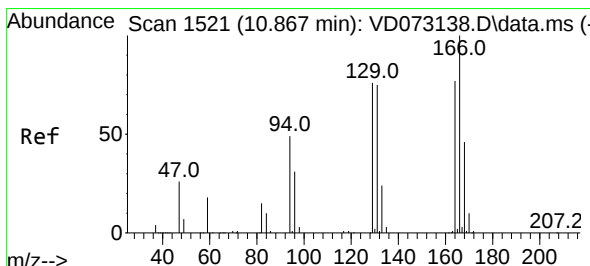
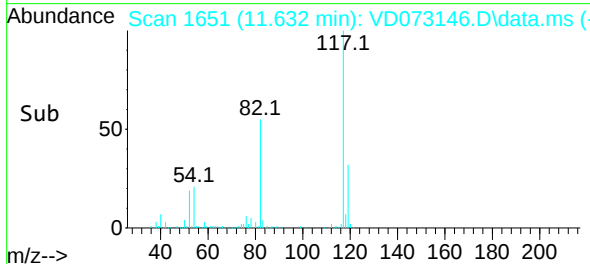
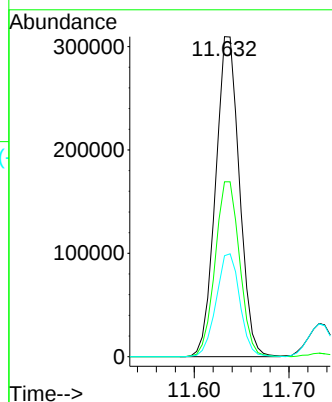
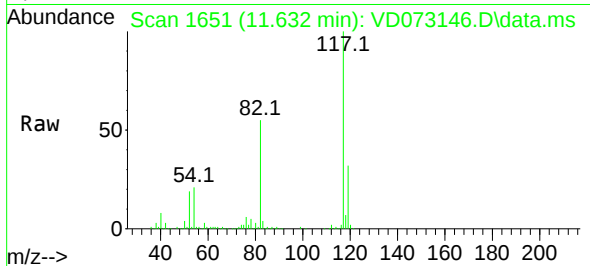




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

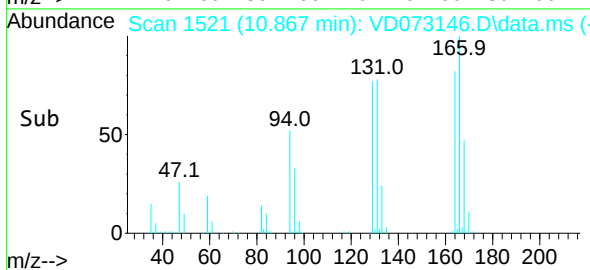
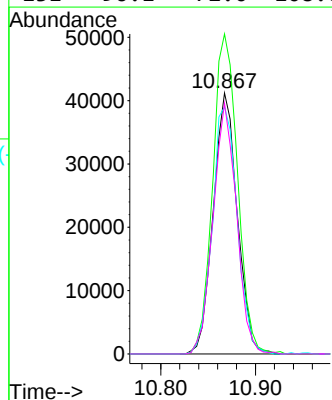
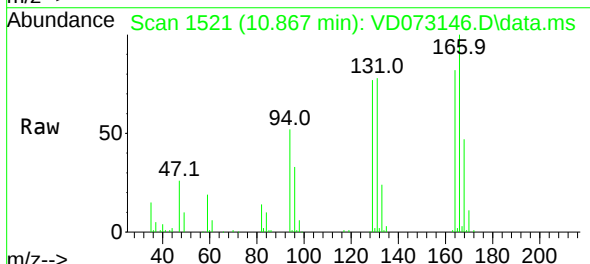
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

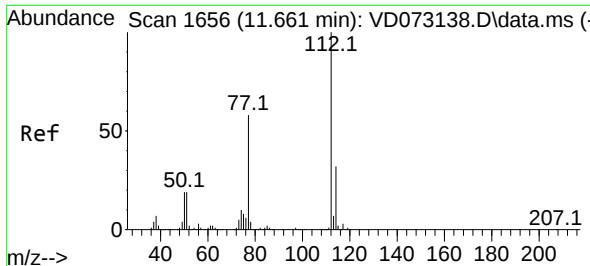
Tgt Ion:	117	Resp:	541882
Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.3	67.9
119	31.5	26.6	40.0



#64
Tetrachloroethene
Concen: 20.467 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion:	164	Resp:	72641
Ion	Ratio	Lower	Upper
164	100		
166	122.6	98.5	147.7
129	94.7	74.6	111.8
131	96.1	72.0	108.0

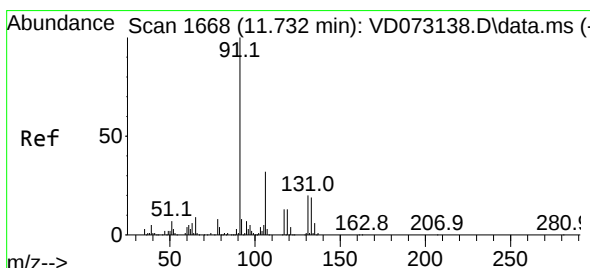
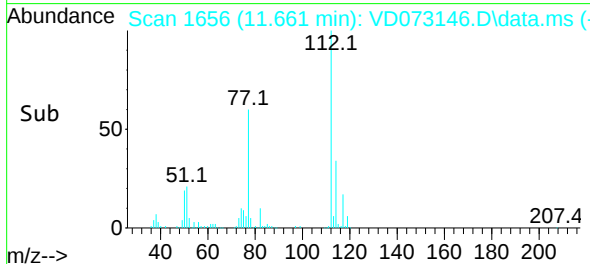
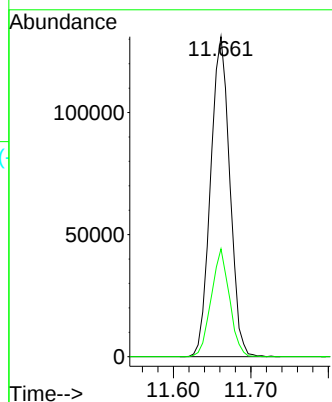
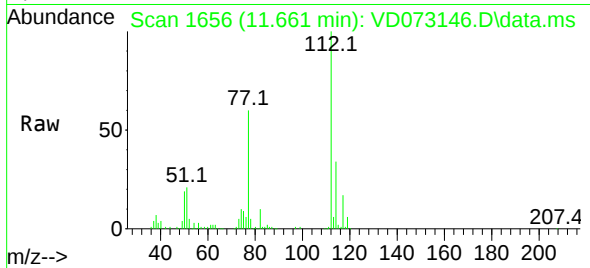




#65
Chlorobenzene
Concen: 20.330 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

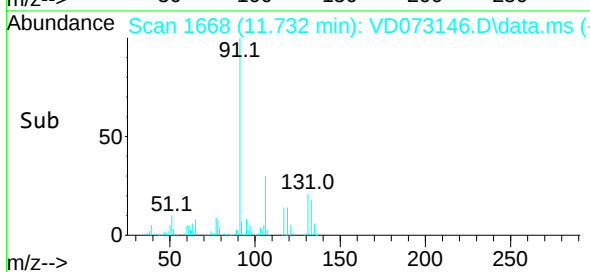
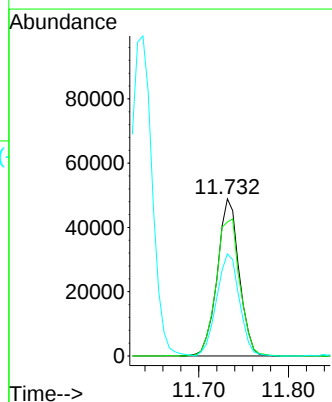
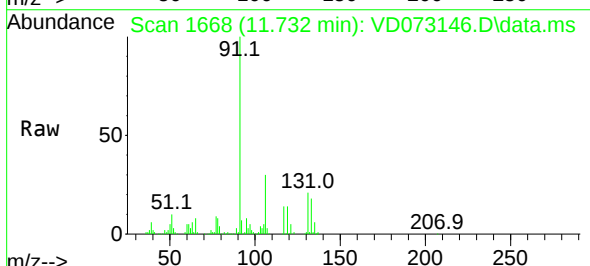
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

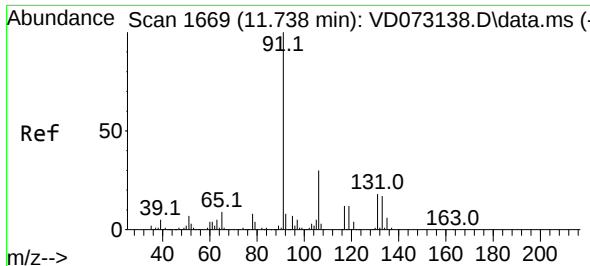
Tgt Ion:112 Resp: 226001
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.022 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion:131 Resp: 82547
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 67.8 31.9 95.9

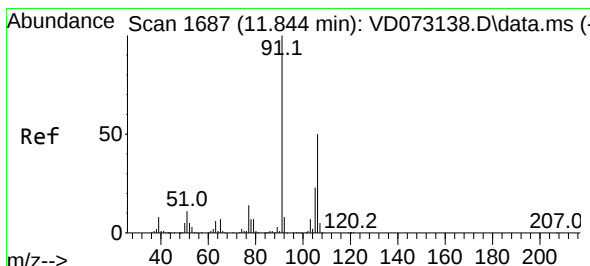
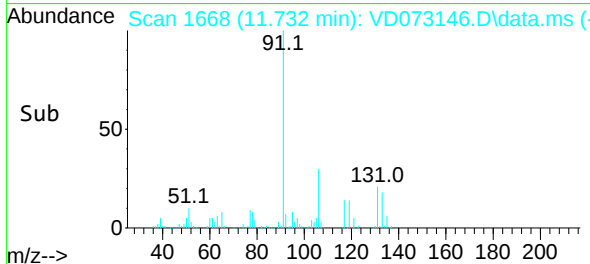
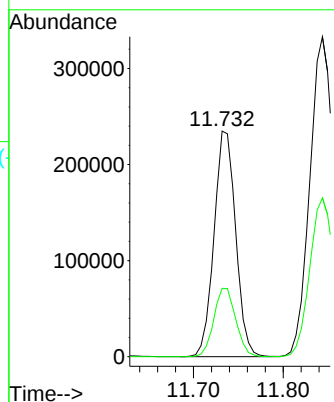
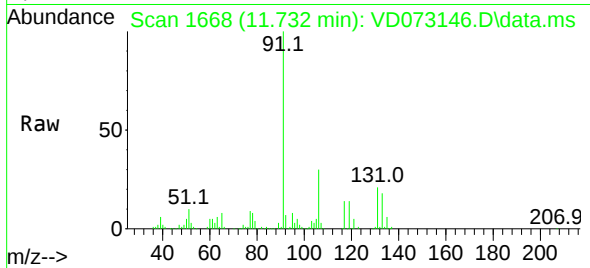




#67
Ethyl Benzene
Concen: 20.158 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

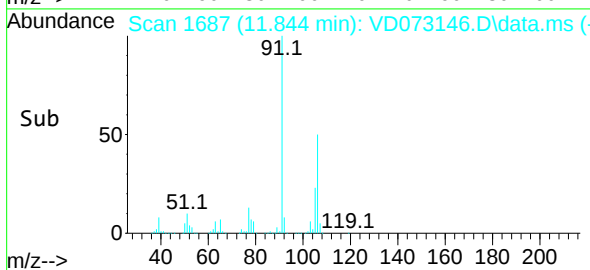
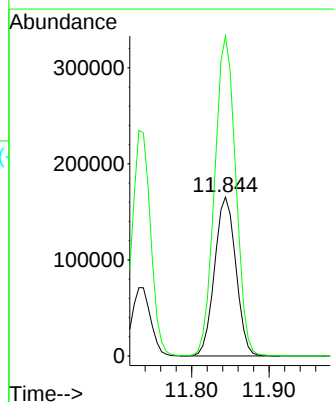
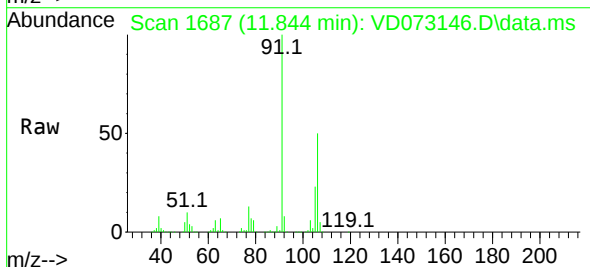
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

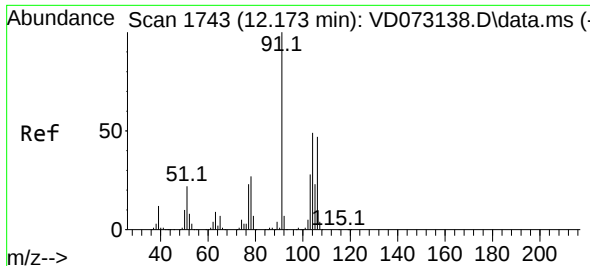
Tgt Ion: 91 Resp: 393373
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 41.569 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 106 Resp: 315168
Ion Ratio Lower Upper
106 100
91 199.3 163.7 245.5

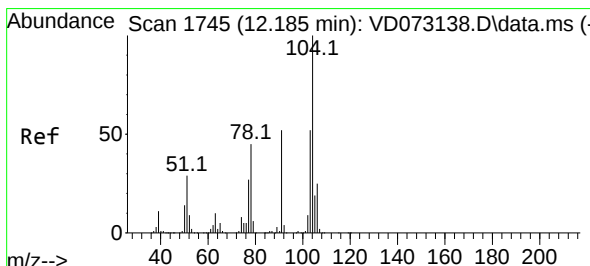
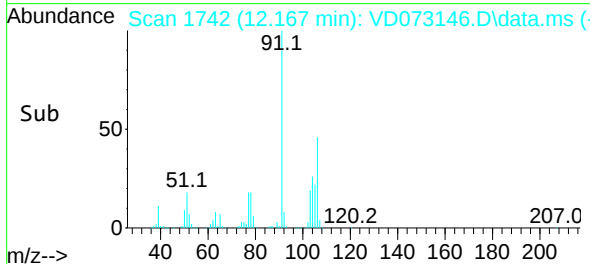
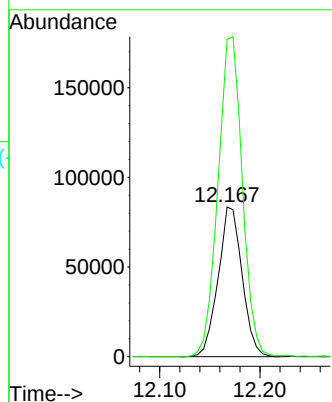
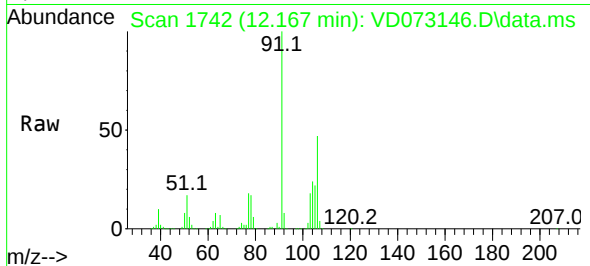




#69
o-Xylene
Concen: 19.839 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

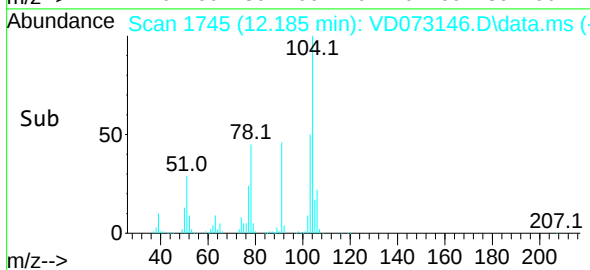
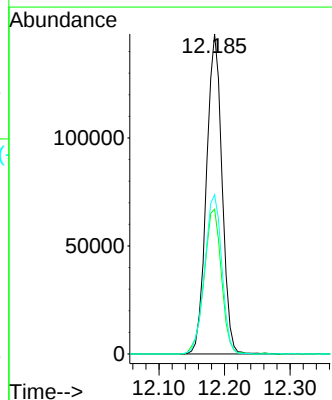
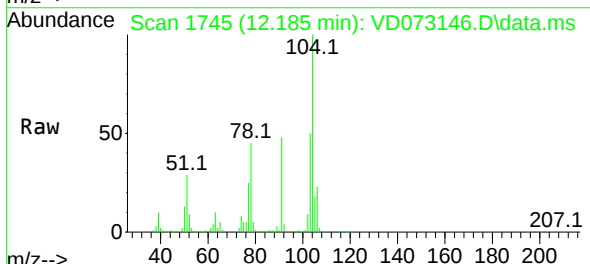
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

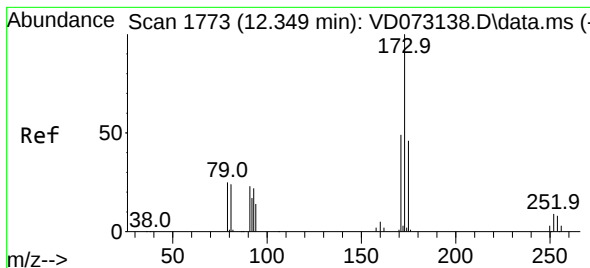
Tgt Ion:106 Resp: 138182
Ion Ratio Lower Upper
106 100
91 217.8 110.4 331.2



#70
Styrene
Concen: 20.427 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion:104 Resp: 244778
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 54.9 44.2 66.4





#71

Bromoform

Concen: 21.660 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD01

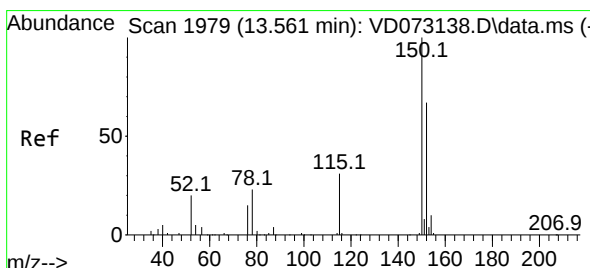
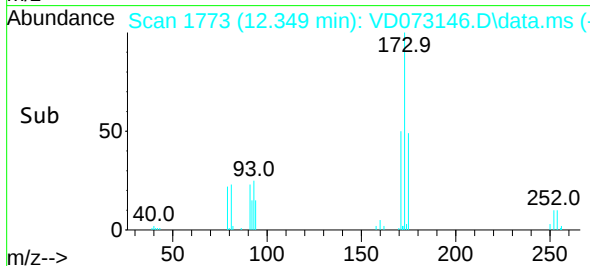
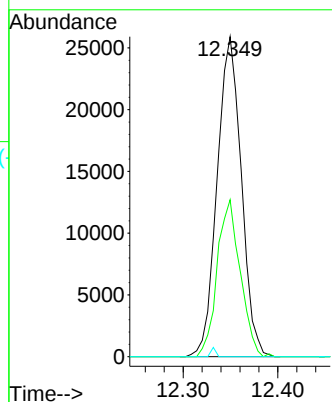
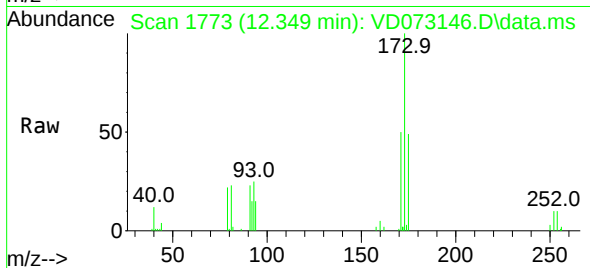
Tgt Ion:173 Resp: 45959

Ion Ratio Lower Upper

173 100

175 46.8 23.9 71.8

254 0.6 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

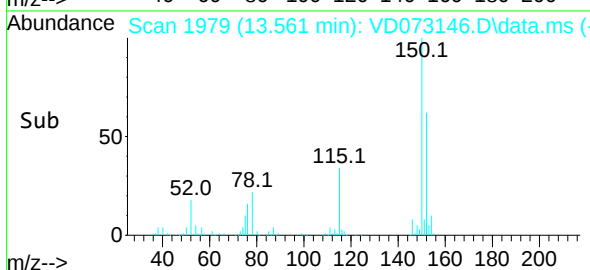
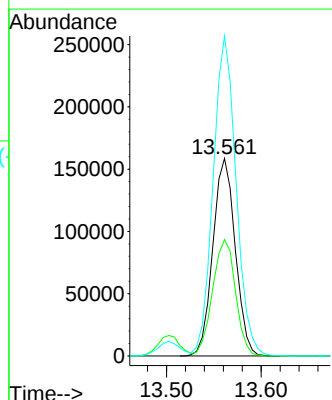
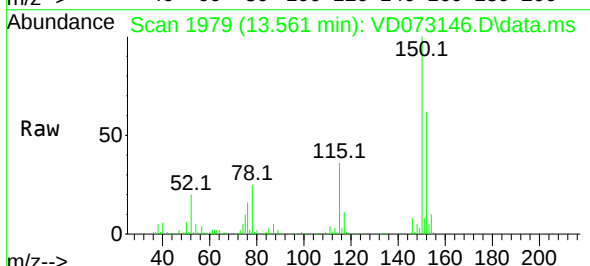
Tgt Ion:152 Resp: 260742

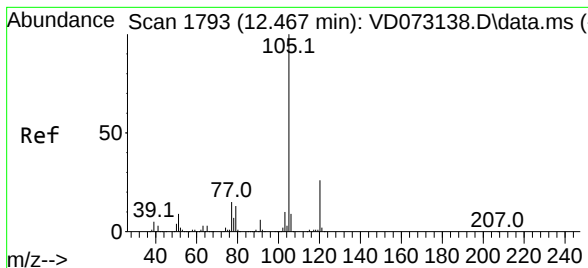
Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 165.7 0.0 348.6





#73

Isopropylbenzene

Concen: 20.021 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

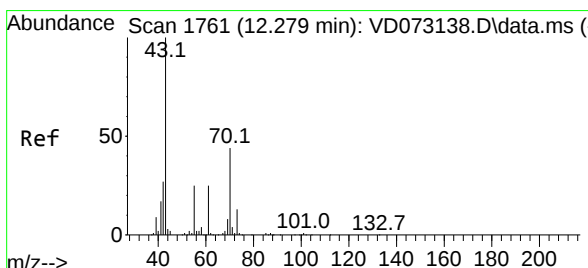
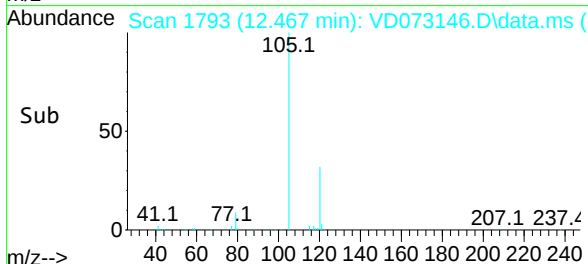
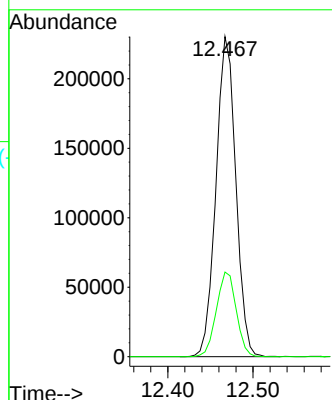
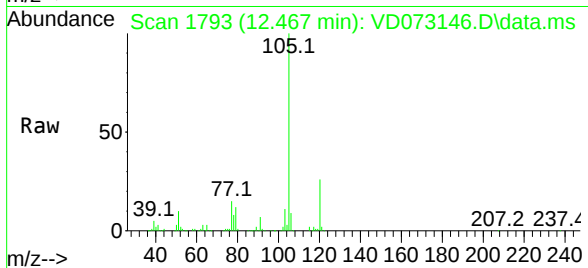
VD0519SBSD01

Tgt Ion:105 Resp: 372148

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 19.740 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Tgt Ion: 43 Resp: 80045

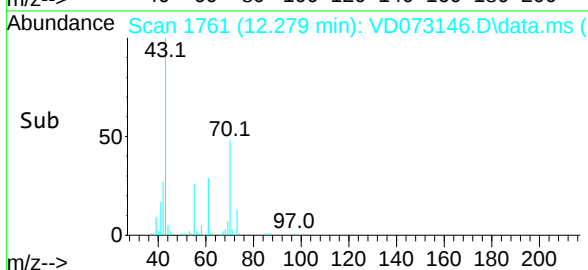
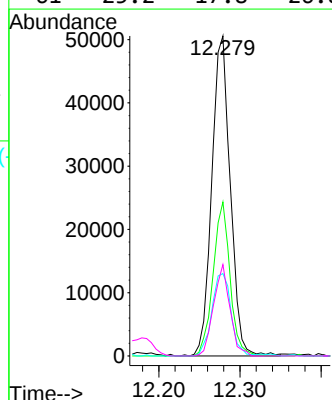
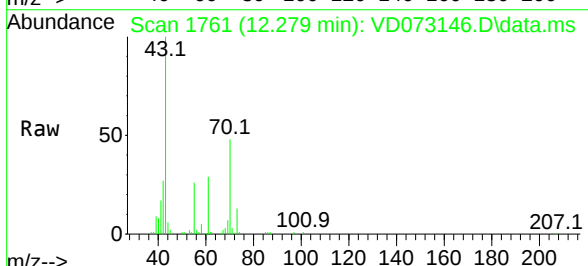
Ion Ratio Lower Upper

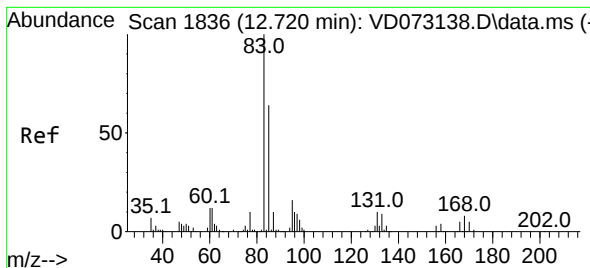
43 100

70 44.1 31.3 46.9

55 26.7 20.0 30.0

61 25.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.131 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD01

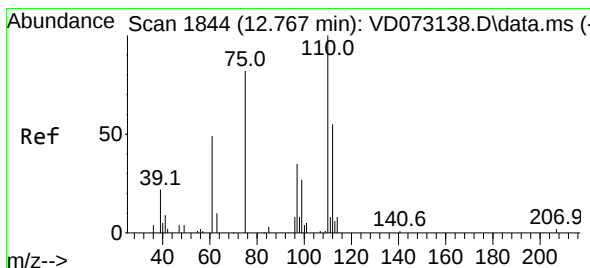
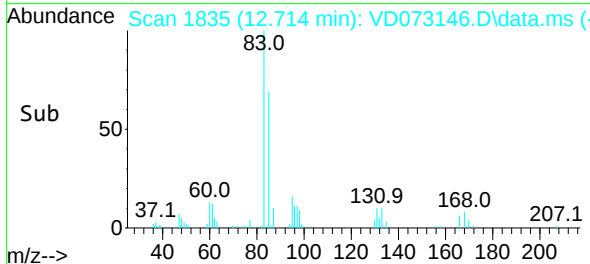
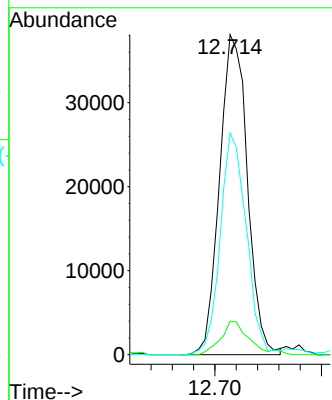
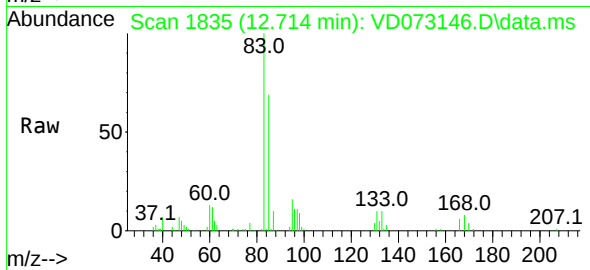
Tgt Ion: 83 Resp: 69015

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 65.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 33.922 ug/l

RT: 12.773 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VD073146.D

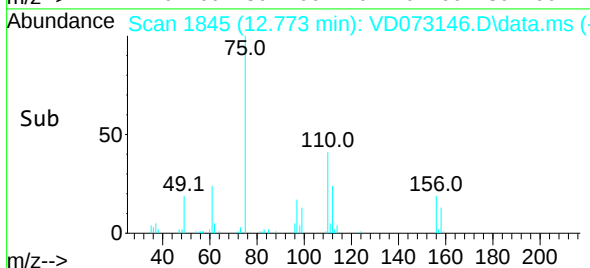
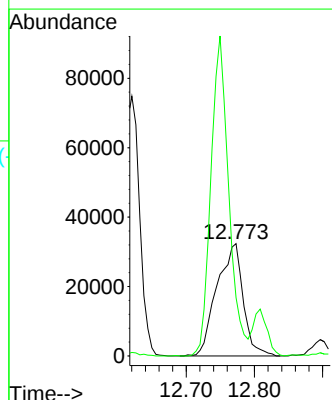
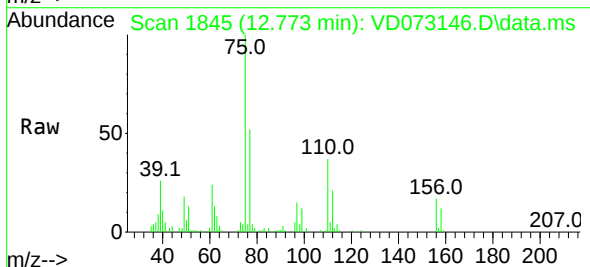
Acq: 19 May 2022 18:50

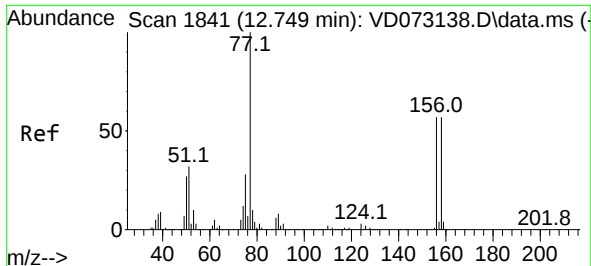
Tgt Ion: 75 Resp: 86783

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

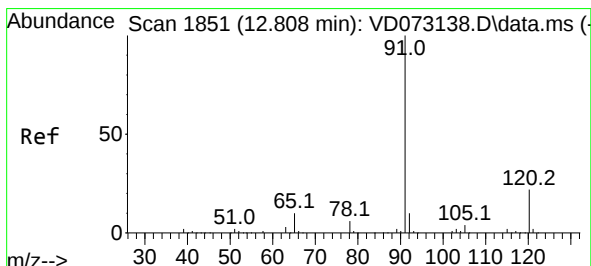
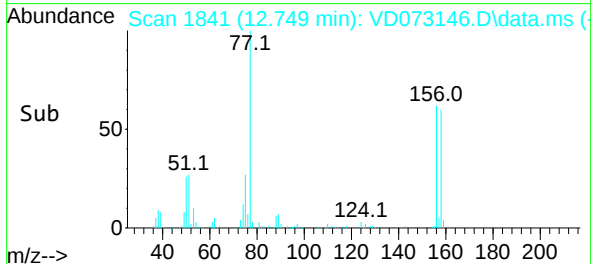
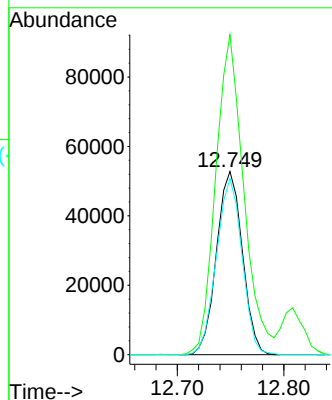
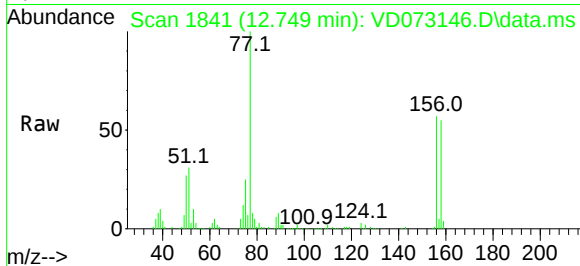




#77
Bromobenzene
Concen: 20.348 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

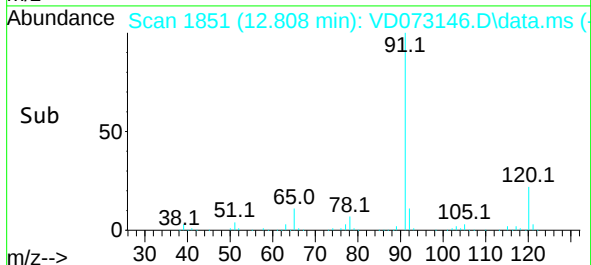
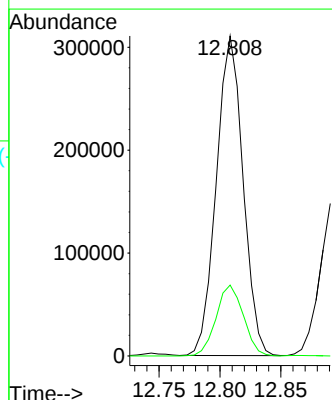
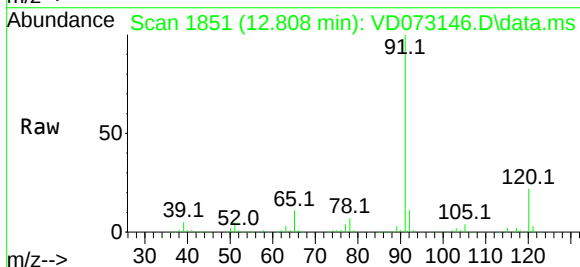
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

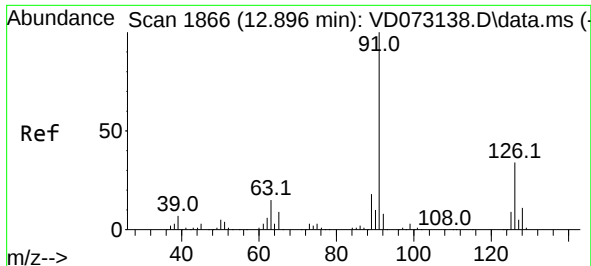
Tgt Ion:156 Resp: 89036
Ion Ratio Lower Upper
156 100
77 189.3 102.8 308.3
158 95.4 48.7 146.1



#78
n-propylbenzene
Concen: 20.345 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 91 Resp: 474777
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

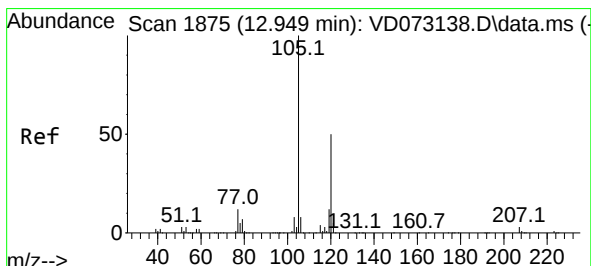
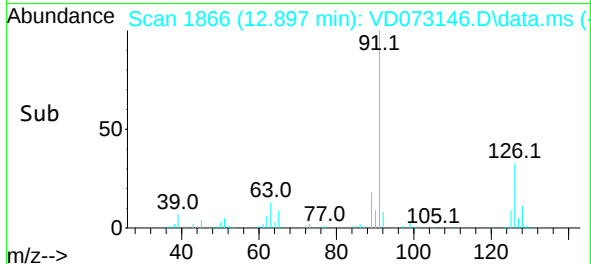
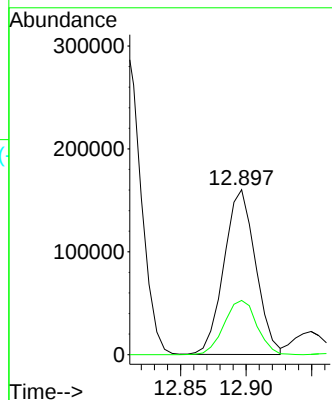
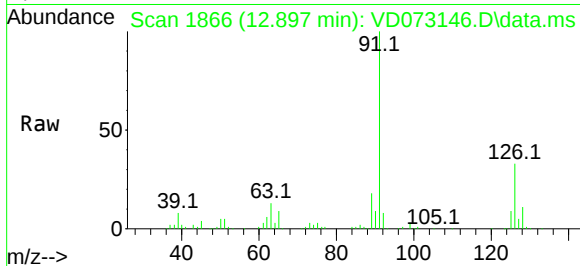




#79
2-Chlorotoluene
Concen: 19.923 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.001 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

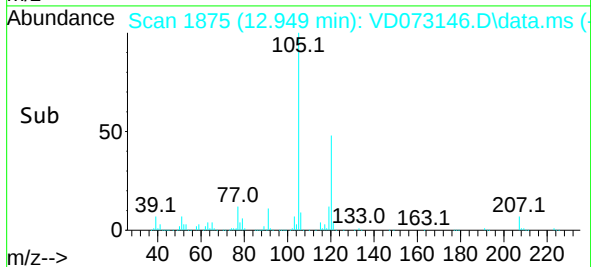
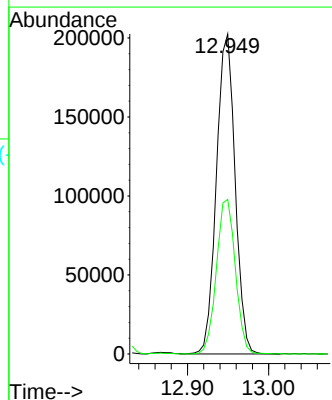
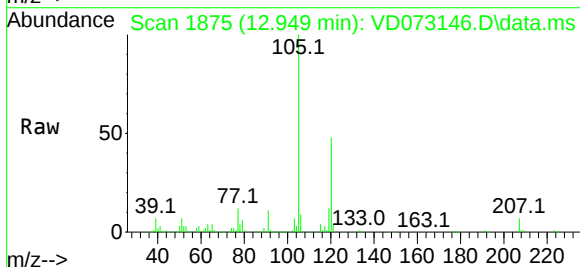
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

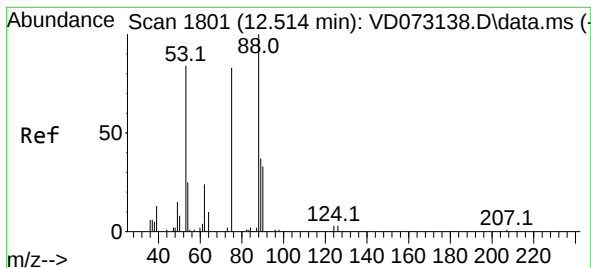
Tgt Ion: 91 Resp: 268437
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.580 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 105 Resp: 324050
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

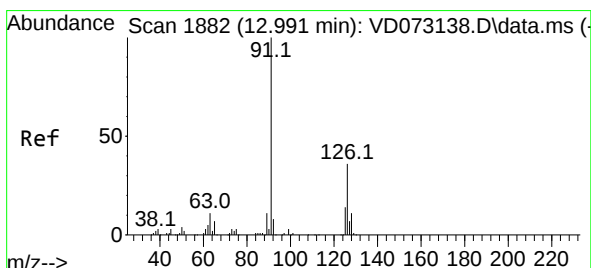
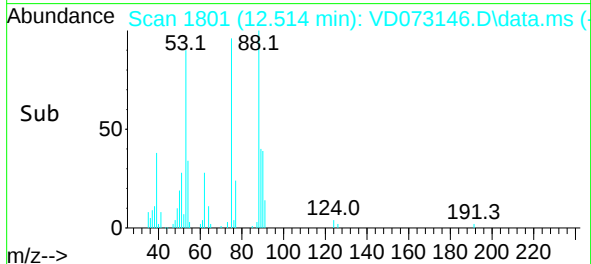
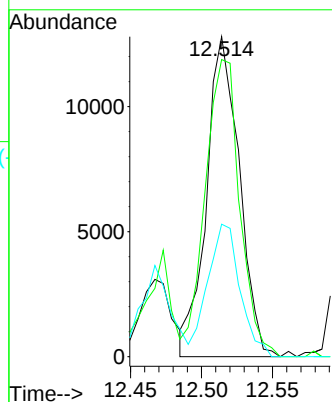
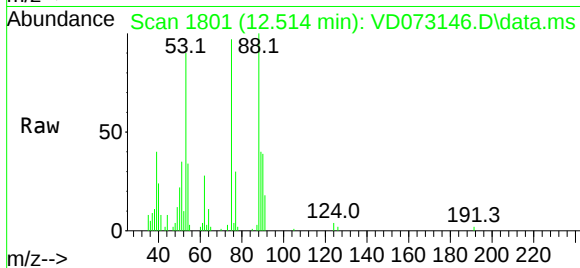




#81
trans-1,4-Dichloro-2-butene
Concen: 19.267 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

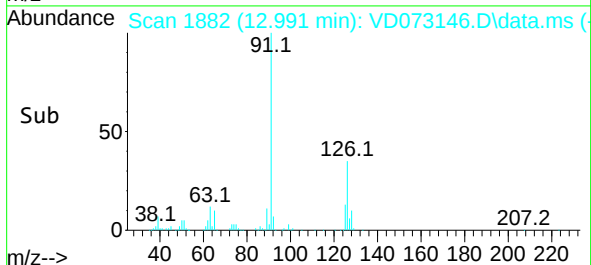
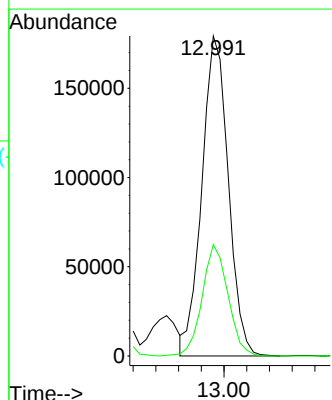
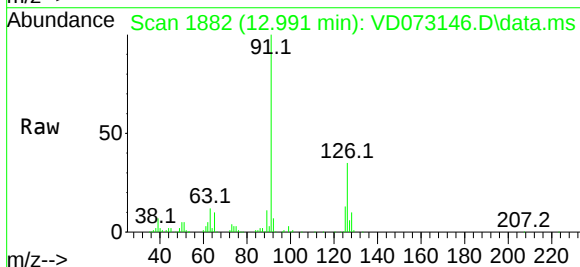
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

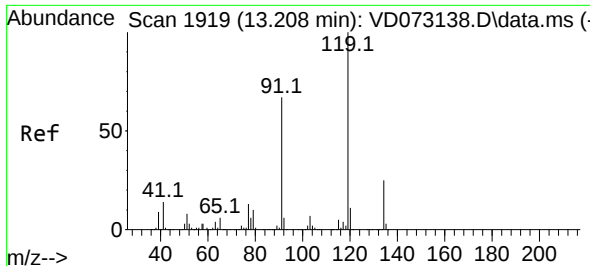
Tgt Ion: 75 Resp: 20532
Ion Ratio Lower Upper
75 100
53 97.7 86.5 129.7
89 40.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.447 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 91 Resp: 288775
Ion Ratio Lower Upper
91 100
126 34.0 16.5 49.5

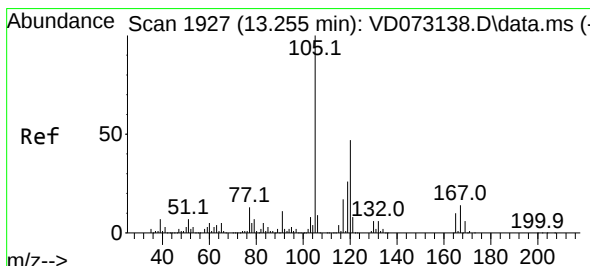
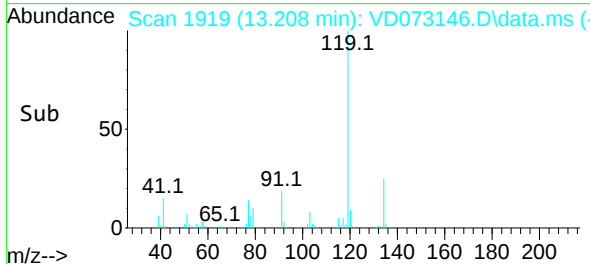
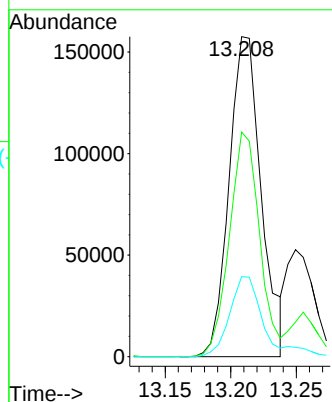
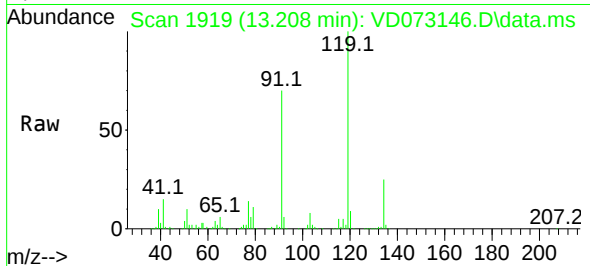




#83
tert-Butylbenzene
Concen: 20.301 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

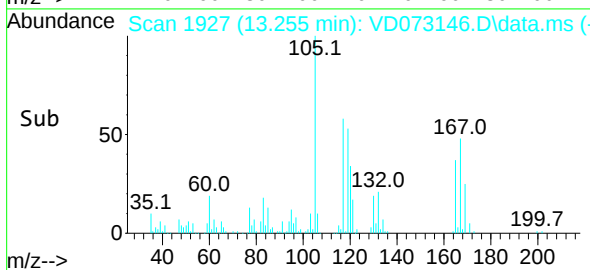
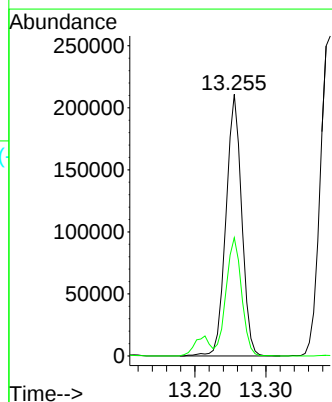
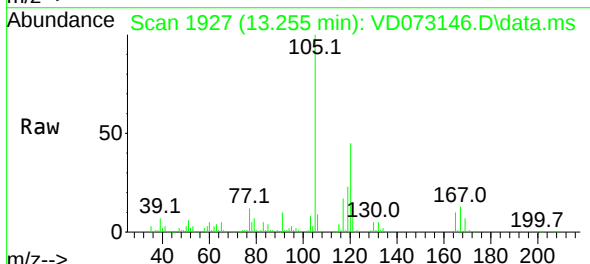
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

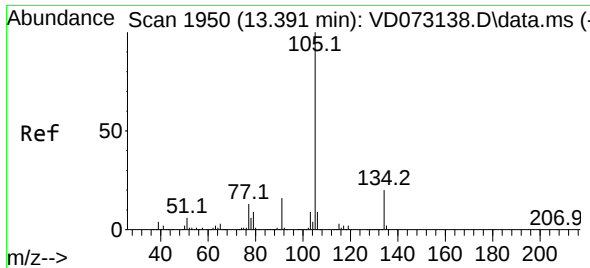
Tgt Ion:119 Resp: 269401
Ion Ratio Lower Upper
119 100
91 66.1 34.8 104.5
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.789 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion:105 Resp: 323375
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8

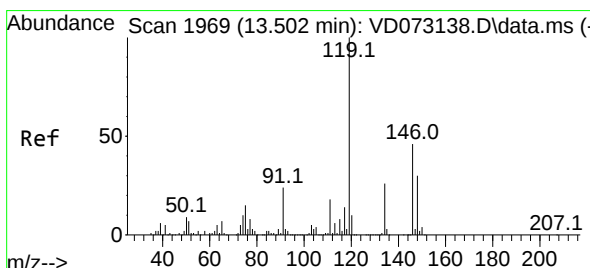
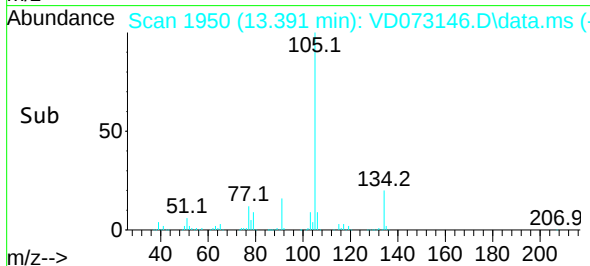
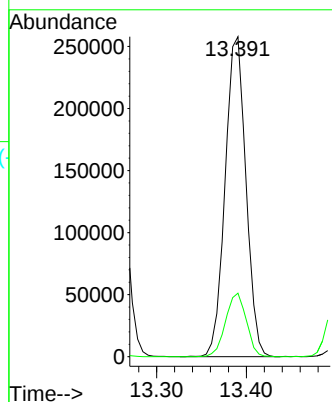
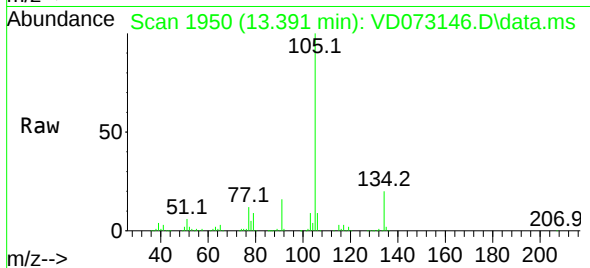




#85
 sec-Butylbenzene
 Concen: 20.476 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073146.D
 Acq: 19 May 2022 18:50

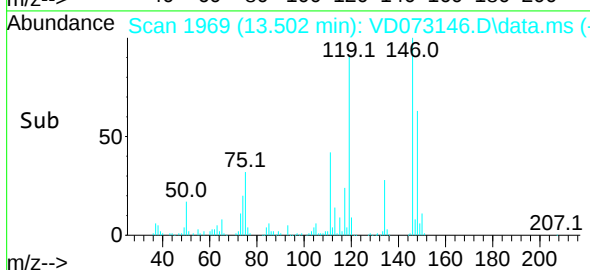
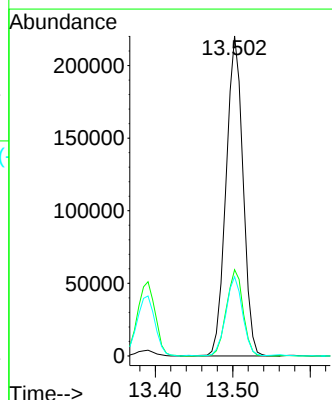
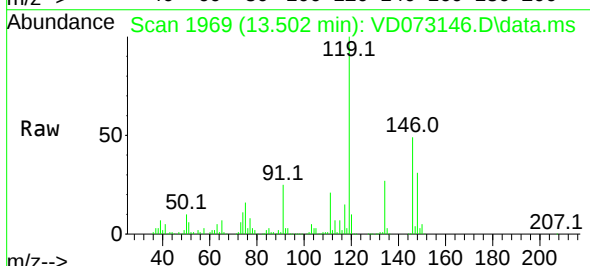
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD01

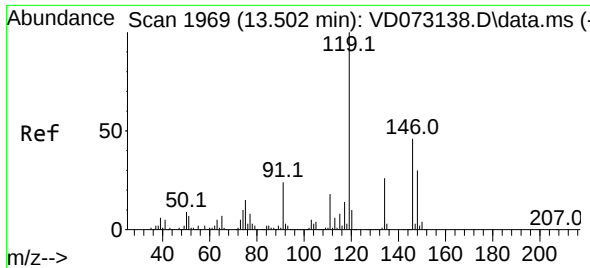
Tgt Ion:105 Resp: 414914
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.313 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073146.D
 Acq: 19 May 2022 18:50

Tgt Ion:119 Resp: 335520
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 24.3 12.1 36.3

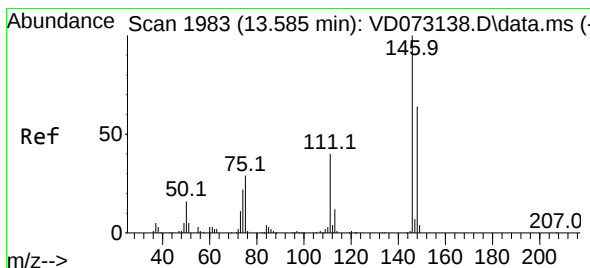
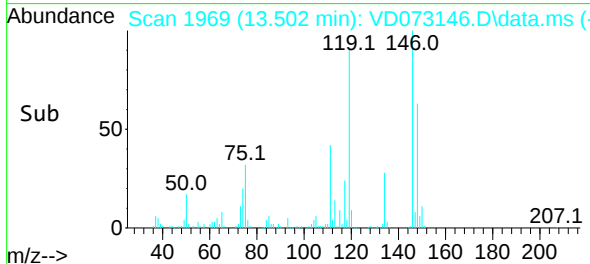
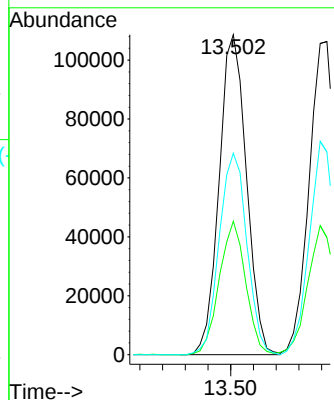
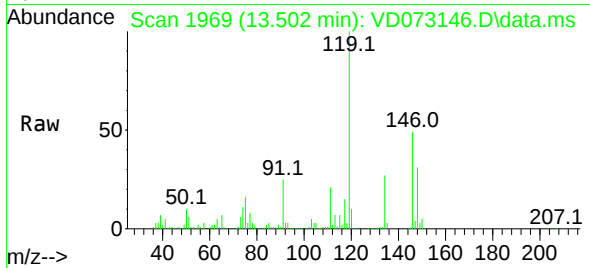




#87
1,3-Dichlorobenzene
Concen: 20.598 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

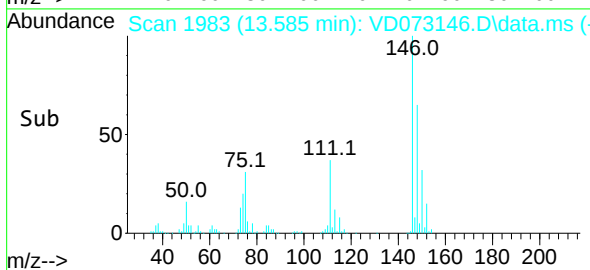
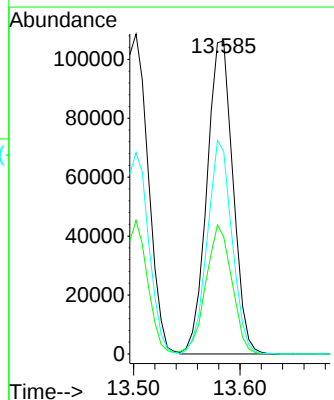
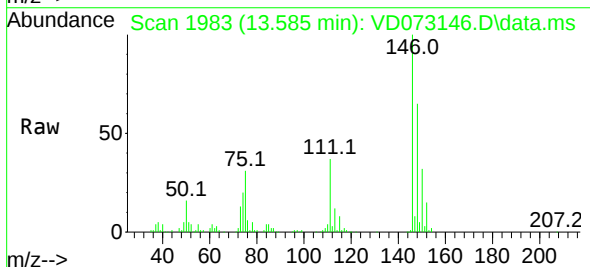
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

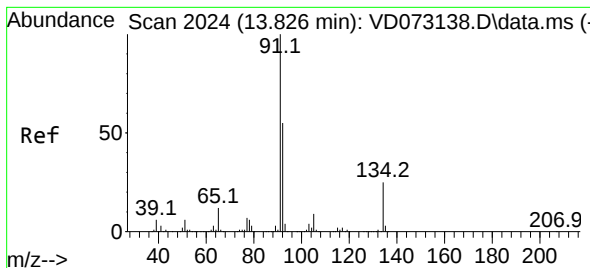
Tgt Ion:146 Resp: 181671
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.3
148 63.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.300 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion:146 Resp: 180735
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.9
148 64.8 31.7 95.1





#89

n-Butylbenzene

Concen: 20.398 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

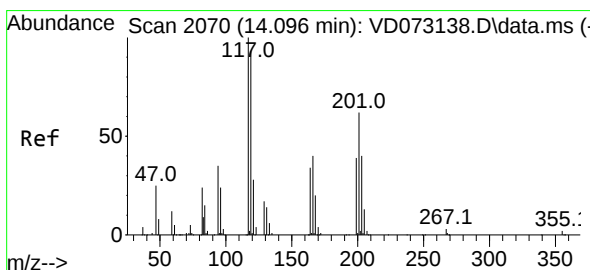
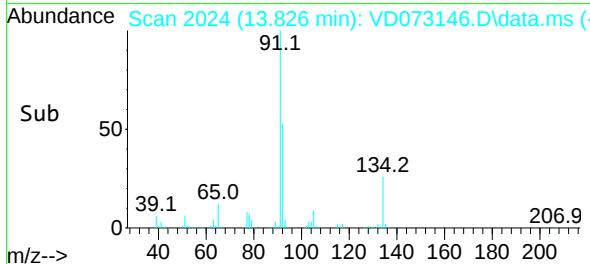
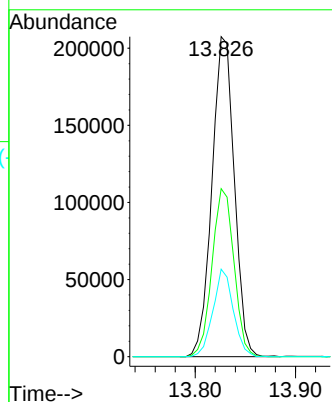
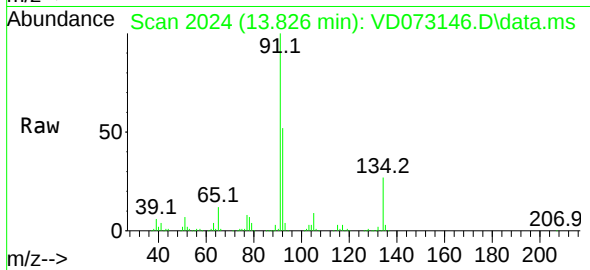
Tgt Ion: 91 Resp: 321036

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.8

134 24.9 12.3 36.9



#90

Hexachloroethane

Concen: 20.351 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073146.D

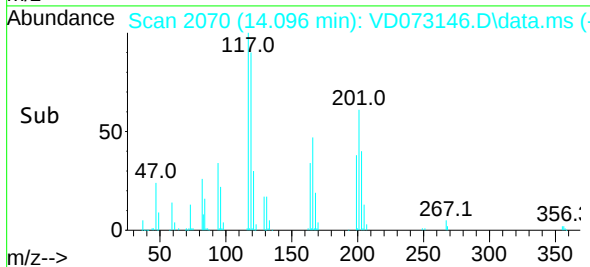
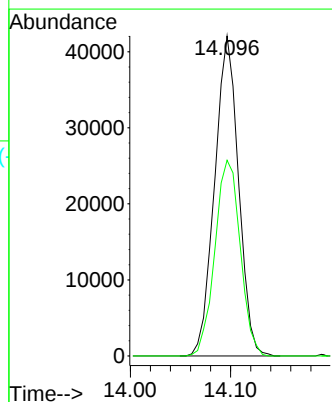
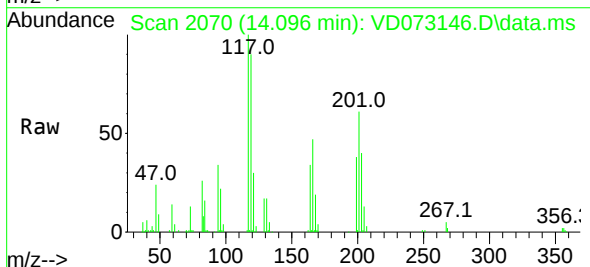
Acq: 19 May 2022 18:50

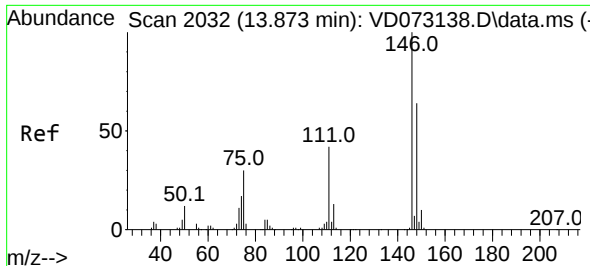
Tgt Ion: 117 Resp: 69556

Ion Ratio Lower Upper

117 100

201 64.9 33.4 100.2

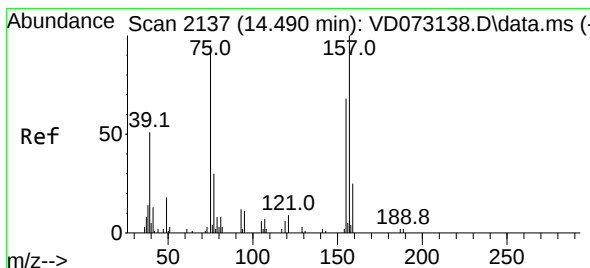
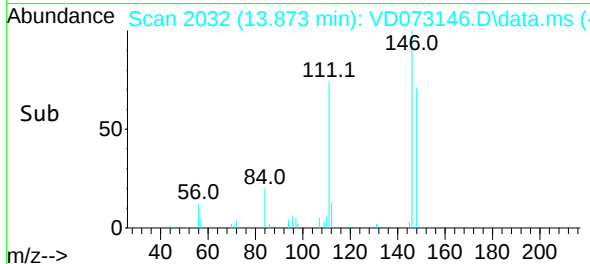
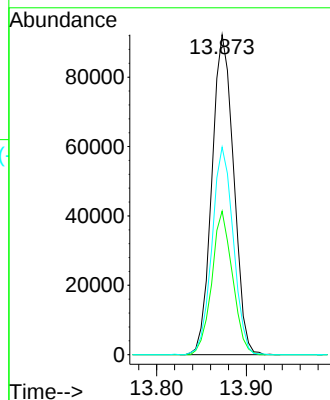
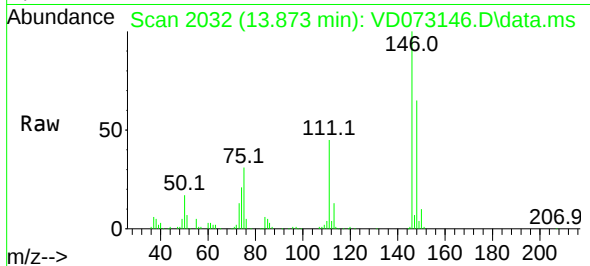




#91
1,2-Dichlorobenzene
Concen: 20.384 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

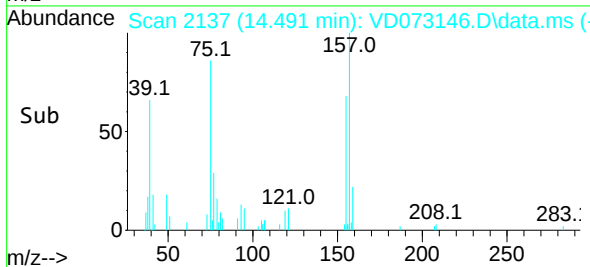
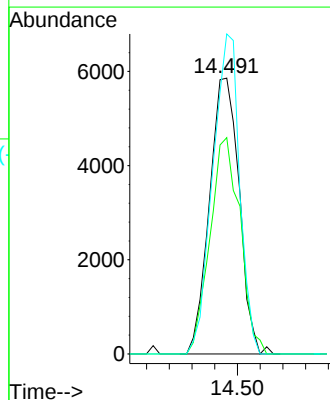
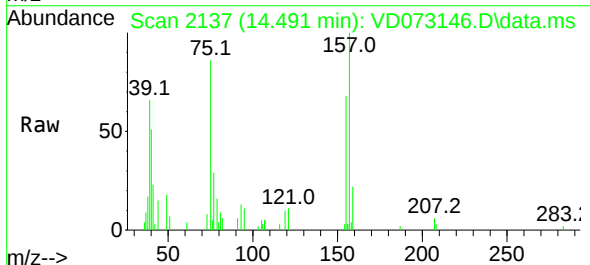
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD01

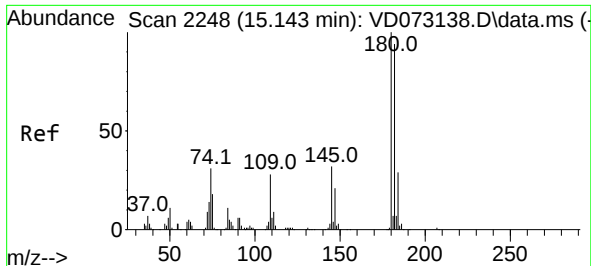
Tgt Ion:146 Resp: 155553
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.3
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.252 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion: 75 Resp: 10632
Ion Ratio Lower Upper
75 100
155 79.3 36.8 110.3
157 105.5 48.4 145.0

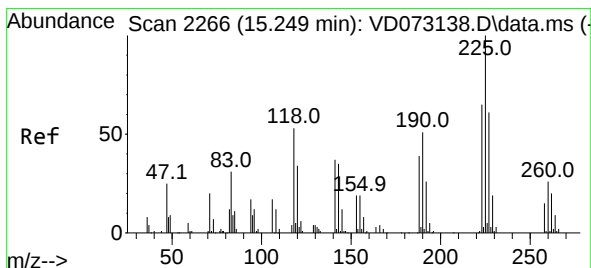
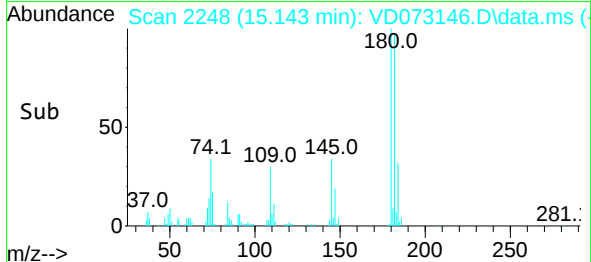
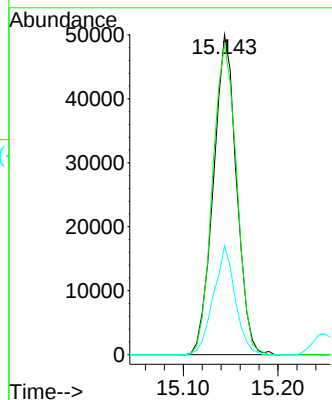
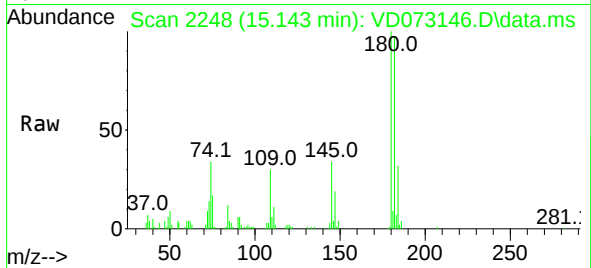




#93
1,2,4-Trichlorobenzene
Concen: 19.581 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

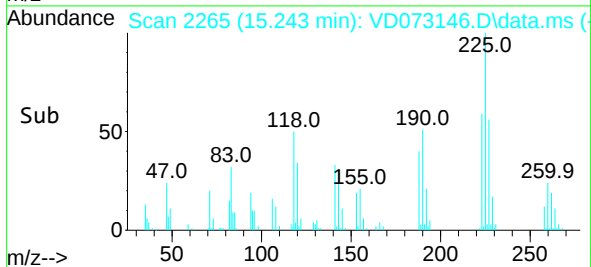
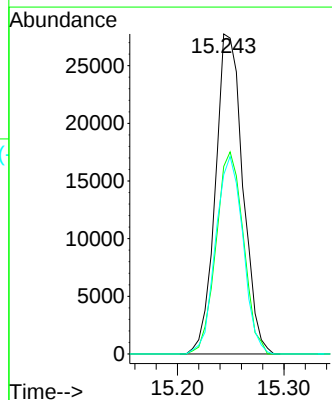
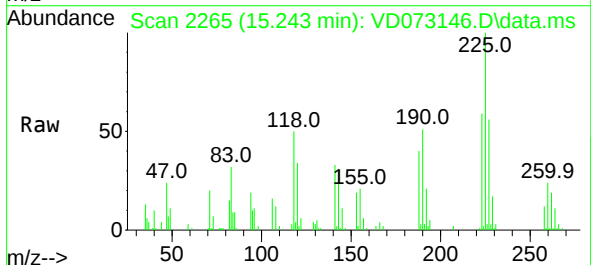
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

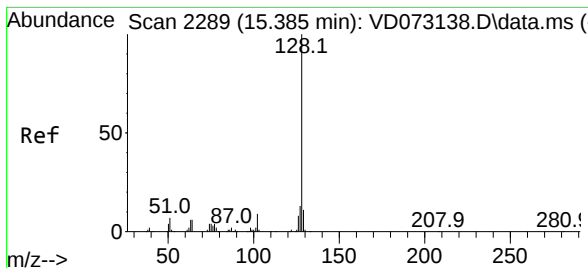
Tgt Ion:180 Resp: 84832
Ion Ratio Lower Upper
180 100
182 101.0 47.3 142.0
145 32.0 16.2 48.5



#94
Hexachlorobutadiene
Concen: 20.317 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073146.D
Acq: 19 May 2022 18:50

Tgt Ion:225 Resp: 49601
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 61.5 32.4 97.0





#95

Naphthalene

Concen: 19.785 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. -0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD01

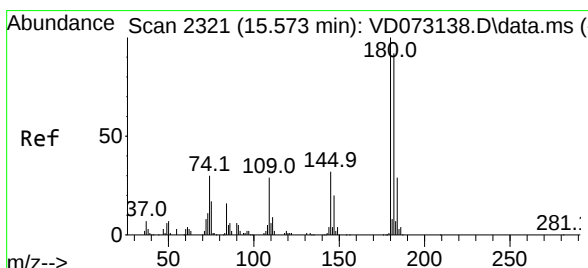
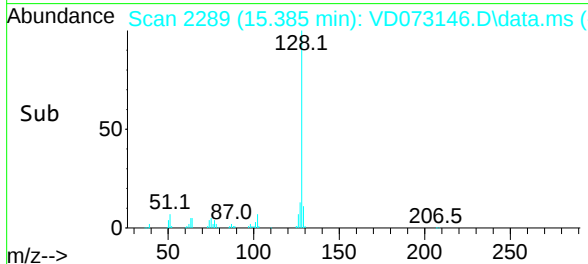
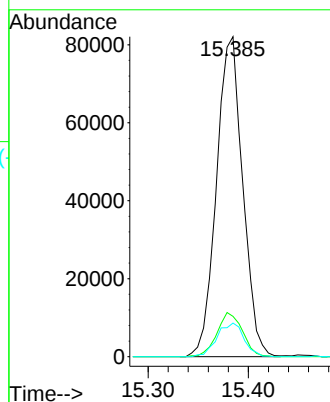
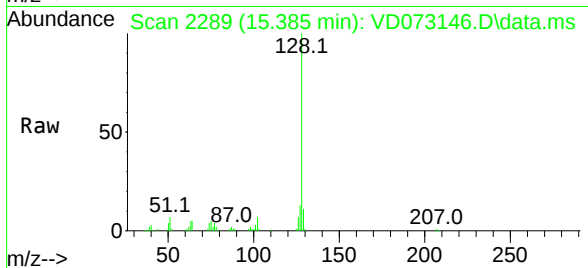
Tgt Ion:128 Resp: 149161

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.311 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073146.D

Acq: 19 May 2022 18:50

Tgt Ion:180 Resp: 78011

Ion Ratio Lower Upper

180 100

182 91.2 47.6 142.9

145 35.5 17.1 51.3

