

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073341.D
 Acq On : 25 May 2022 00:25
 Operator : VA/SY
 Sample : VD0524SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS02

Quant Time: May 25 05:32:04 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	7.979	168	306153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	512816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	177972	52.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.200%	
35) Dibromofluoromethane	7.909	113	183893	52.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.440%	
50) Toluene-d8	10.332	98	649339	50.019	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.620	95	238238	52.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	62652	20.480	ug/l	98
3) Chloromethane	2.209	50	66675	19.275	ug/l	96
4) Vinyl Chloride	2.344	62	62649	19.806	ug/l	96
5) Bromomethane	2.750	94	44962	19.729	ug/l	99
6) Chloroethane	2.915	64	42030	21.615	ug/l #	88
7) Trichlorofluoromethane	3.262	101	117672	21.039	ug/l	93
8) Diethyl Ether	3.709	74	34319	22.330	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	69447	20.810	ug/l	96
10) Methyl Iodide	4.297	142	69539	19.314	ug/l	99
11) Tert butyl alcohol	5.185	59	56839	108.277	ug/l #	79
12) 1,1-Dichloroethene	4.068	96	61365	19.945	ug/l	91
13) Acrolein	3.926	56	25056	110.997	ug/l	97
14) Allyl chloride	4.703	41	99533	20.041	ug/l #	90
15) Acrylonitrile	5.415	53	86542	123.141	ug/l	96
16) Acetone	4.156	43	64840	110.640	ug/l	97
17) Carbon Disulfide	4.403	76	184679	18.107	ug/l	98
18) Methyl Acetate	4.715	43	44830	27.510	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	162143	23.133	ug/l	96
20) Methylene Chloride	4.962	84	122190	31.385	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	77777	20.907	ug/l	90
22) Diisopropyl ether	6.356	45	234434	22.518	ug/l #	94
23) Vinyl Acetate	6.303	43	626603	112.836	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	145003	21.699	ug/l	98
25) 2-Butanone	7.209	43	98830	115.266	ug/l #	83
26) 2,2-Dichloropropane	7.203	77	108588	19.054	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	89010	21.624	ug/l	91
28) Bromochloromethane	7.538	49	44397	19.284	ug/l #	80
29) Tetrahydrofuran	7.556	42	65839	118.755	ug/l	91
30) Chloroform	7.703	83	154859	22.197	ug/l	96
31) Cyclohexane	7.985	56	110643	18.713	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	131756	21.593	ug/l	95
36) 1,1-Dichloropropene	8.109	75	107994	20.389	ug/l	96
37) Ethyl Acetate	7.285	43	48903	23.375	ug/l #	94
38) Carbon Tetrachloride	8.091	117	109029	20.307	ug/l	92
39) Methylcyclohexane	9.350	83	108314	18.350	ug/l	99
40) Benzene	8.344	78	328279	21.506	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073341.D
 Acq On : 25 May 2022 00:25
 Operator : VA/SY
 Sample : VD0524SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS02

Quant Time: May 25 05:32:04 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)
41) Methacrylonitrile	7.514	41	25993	21.324	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	93898	22.107	ug/l	93
43) Isopropyl Acetate	8.450	43	88836	22.973	ug/l #	91
44) Trichloroethene	9.108	130	83818	20.591	ug/l	93
45) 1,2-Dichloropropane	9.379	63	85004	22.112	ug/l	91
46) Dibromomethane	9.467	93	47866	22.671	ug/l	97
47) Bromodichloromethane	9.656	83	119906	22.196	ug/l	95
48) Methyl methacrylate	9.444	41	41925	21.549	ug/l #	84
49) 1,4-Dioxane	9.456	88	10135	464.827	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	239639	119.316	ug/l	94
52) Toluene	10.397	92	211976	21.975	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	106262	21.773	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	127367	21.808	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	67020	23.474	ug/l	92
56) Ethyl methacrylate	10.655	69	72205	22.746	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	109302	22.816	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	147401	110.903	ug/l	96
59) 2-Hexanone	10.973	43	158583	119.763	ug/l	96
60) Dibromochloromethane	11.132	129	81826	22.984	ug/l	97
61) 1,2-Dibromoethane	11.238	107	62544	22.925	ug/l	98
64) Tetrachloroethene	10.867	164	70525	20.997	ug/l	95
65) Chlorobenzene	11.661	112	227465	21.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	86046	22.054	ug/l	99
67) Ethyl Benzene	11.732	91	384610	20.826	ug/l	99
68) m/p-Xylenes	11.844	106	303766	42.336	ug/l	99
69) o-Xylene	12.167	106	136792	20.753	ug/l	98
70) Styrene	12.185	104	246427	21.730	ug/l	98
71) Bromoform	12.349	173	46919	23.365	ug/l #	100
73) Isopropylbenzene	12.467	105	364833	20.190	ug/l	98
74) N-amyl acetate	12.279	43	83916	21.288	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	74161	22.253	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	91460	36.776	ug/l #	100
77) Bromobenzene	12.749	156	90820	21.351	ug/l	92
78) n-propylbenzene	12.808	91	461310	20.335	ug/l	99
79) 2-Chlorotoluene	12.897	91	275554	21.038	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	317744	20.758	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	22658	21.872	ug/l	87
82) 4-Chlorotoluene	12.991	91	293248	21.360	ug/l	99
83) tert-Butylbenzene	13.214	119	260869	20.222	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	317902	21.023	ug/l	98
85) sec-Butylbenzene	13.391	105	398311	20.221	ug/l	99
86) p-Isopropyltoluene	13.502	119	329841	20.542	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	186134	21.710	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	182910	21.134	ug/l	99
89) n-Butylbenzene	13.826	91	304566	19.907	ug/l	99
90) Hexachloroethane	14.096	117	68962	20.756	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	158592	21.379	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11519	22.571	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	88269	20.959	ug/l	99
94) Hexachlorobutadiene	15.249	225	46812	19.725	ug/l	99
95) Naphthalene	15.385	128	158018	21.243	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	81017	21.699	ug/l	98

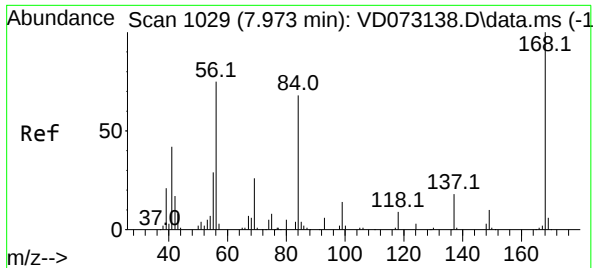
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
Data File : VD073341.D
Acq On : 25 May 2022 00:25
Operator : VA/SY
Sample : VD0524SBSD02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

Quant Time: May 25 05:32:04 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)
----------	------	------	----------	------	-------	----------

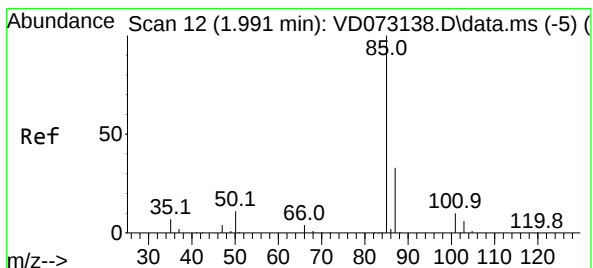
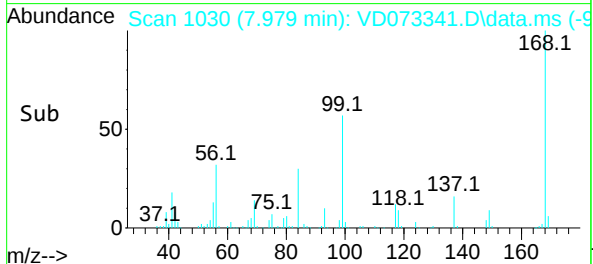
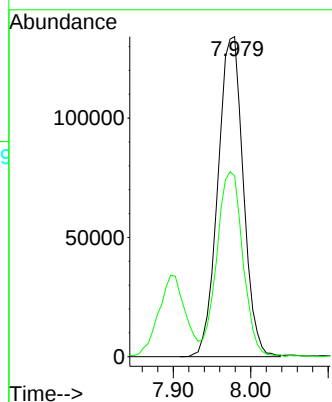
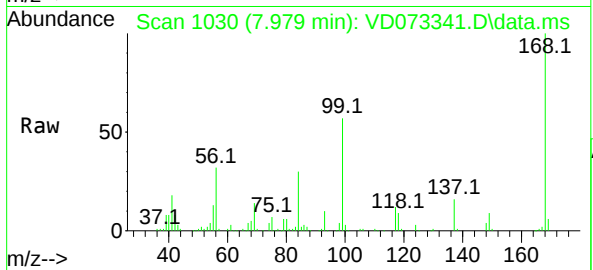
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

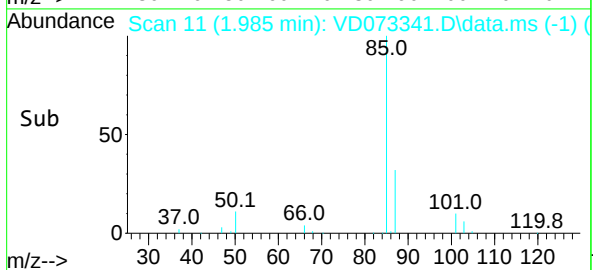
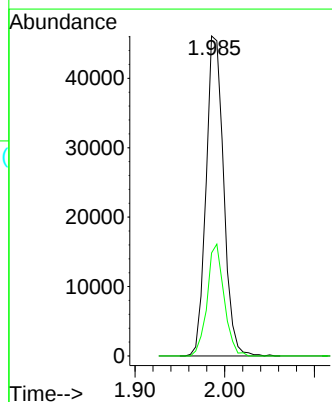
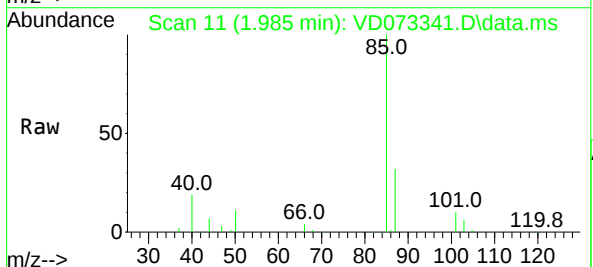
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

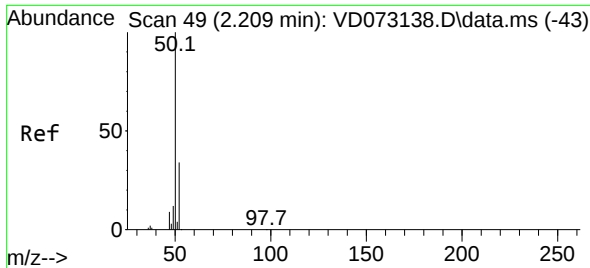
Tgt Ion:168 Resp: 306153
Ion Ratio Lower Upper
168 100
99 55.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 20.480 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 85 Resp: 62652
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0

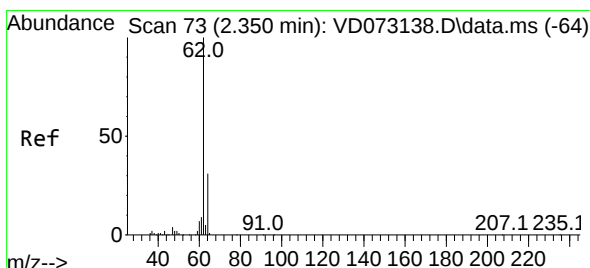
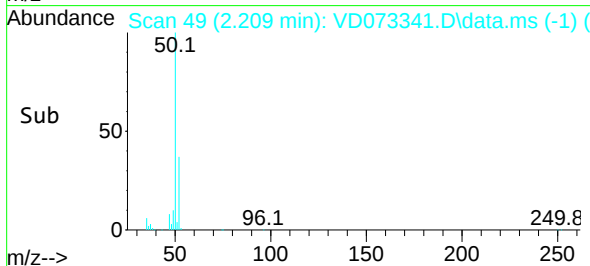
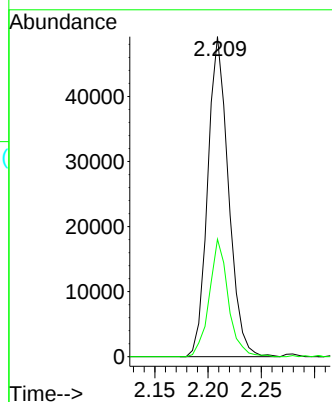
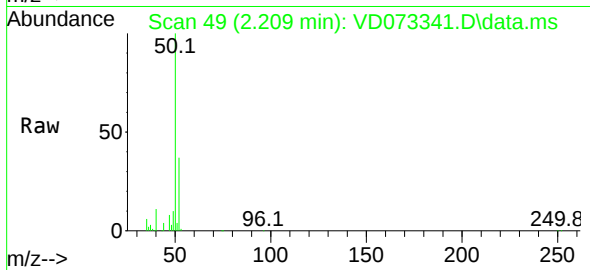




#3
Chloromethane
Concen: 19.275 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

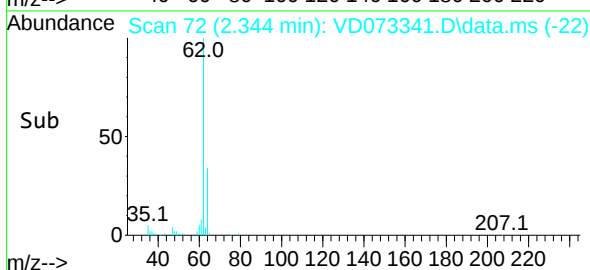
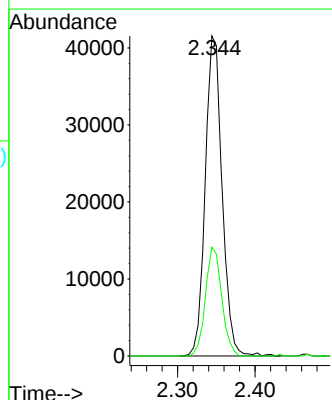
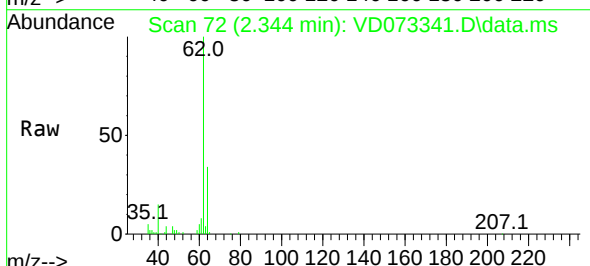
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

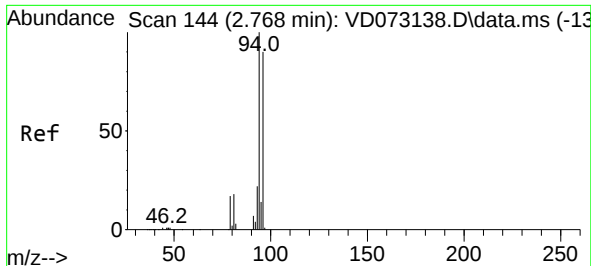
Tgt Ion: 50 Resp: 66675
Ion Ratio Lower Upper
50 100
52 36.7 27.4 41.0



#4
Vinyl Chloride
Concen: 19.806 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 62 Resp: 62649
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.0

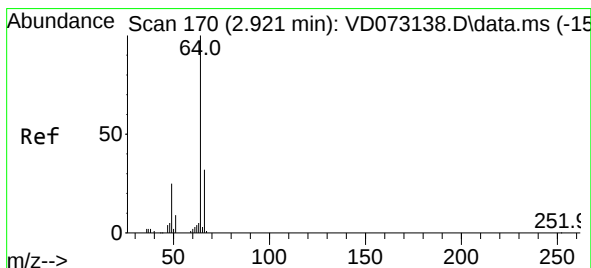
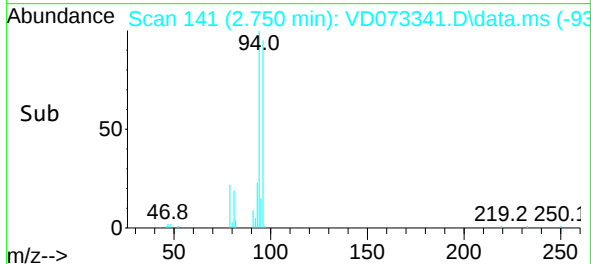
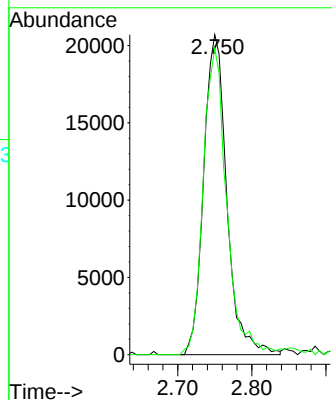
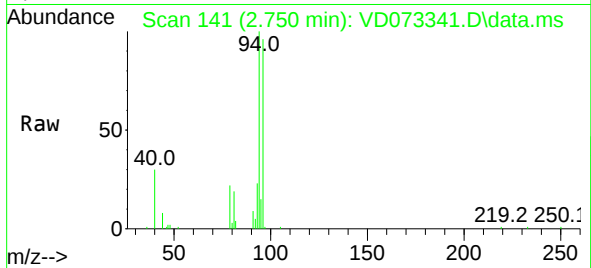




#5
Bromomethane
Concen: 19.729 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

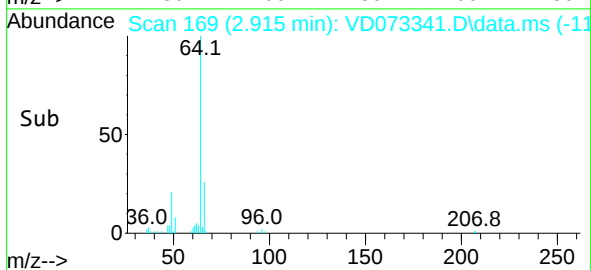
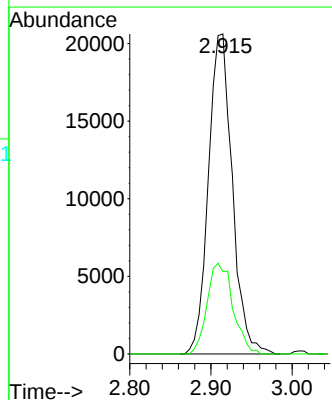
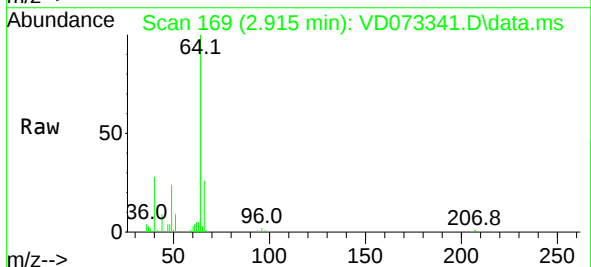
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

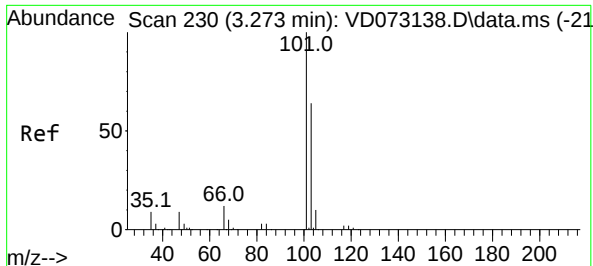
Tgt Ion: 94 Resp: 44962
Ion Ratio Lower Upper
94 100
96 95.6 77.6 116.4



#6
Chloroethane
Concen: 21.615 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 64 Resp: 42030
Ion Ratio Lower Upper
64 100
66 25.7 25.9 38.9#

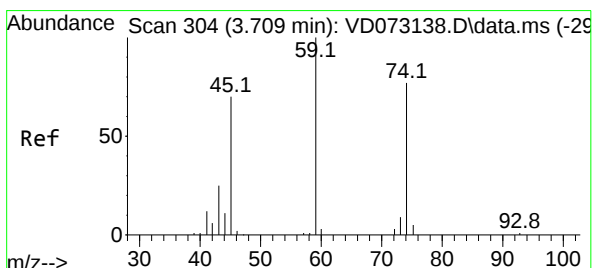
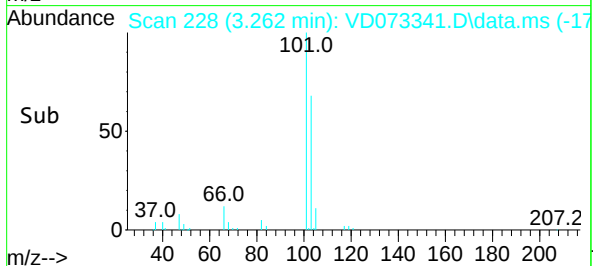
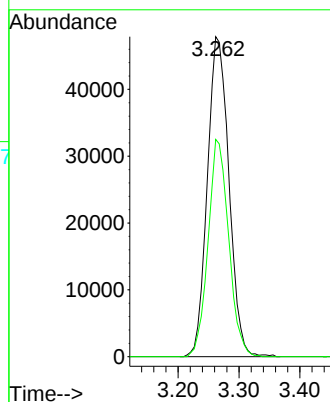
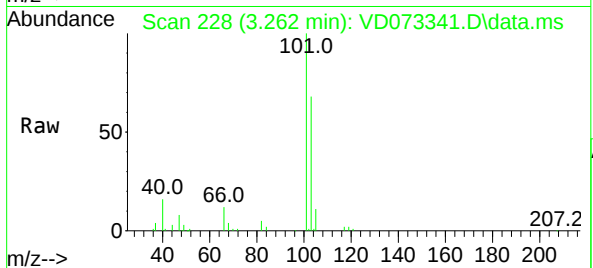




#7
Trichlorofluoromethane
Concen: 21.039 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

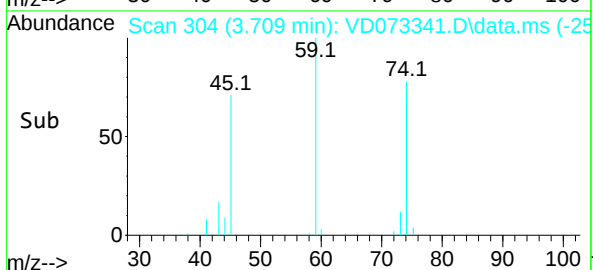
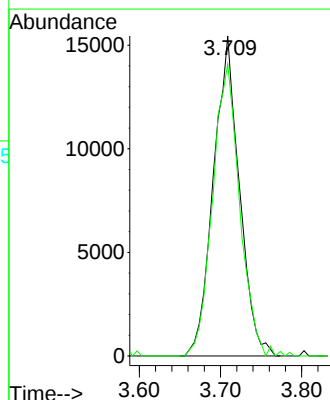
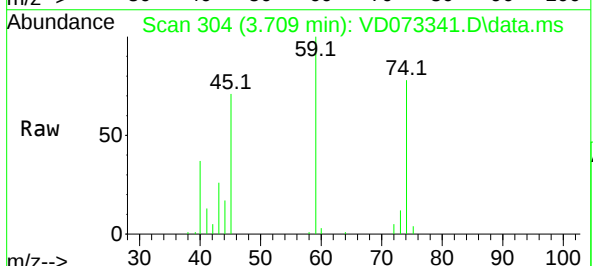
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

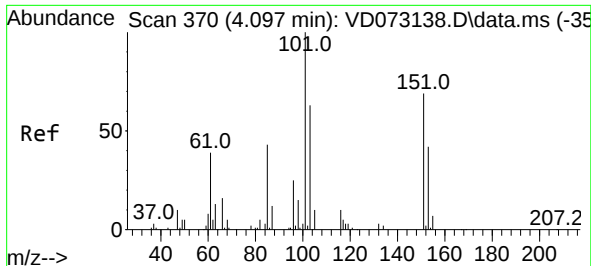
Tgt Ion:101 Resp: 117672
Ion Ratio Lower Upper
101 100
103 67.9 50.1 75.1



#8
Diethyl Ether
Concen: 22.330 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 74 Resp: 34319
Ion Ratio Lower Upper
74 100
45 95.2 52.6 157.8

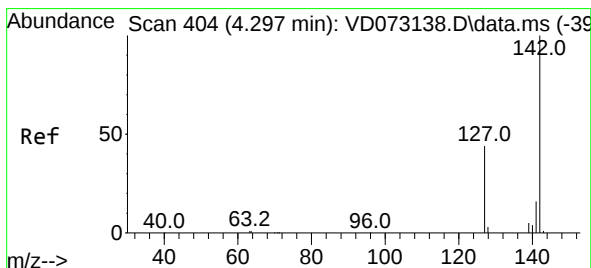
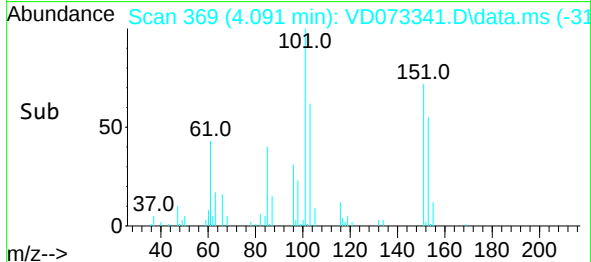
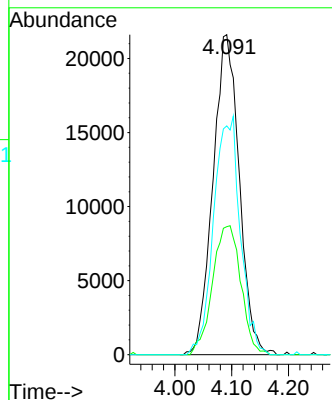
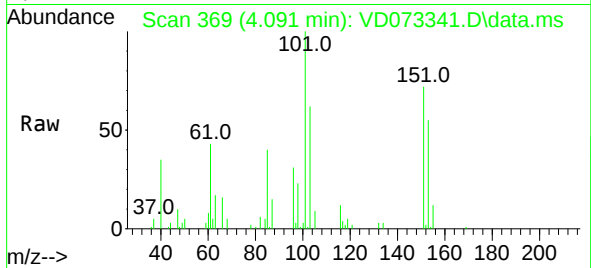




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.810 ug/l
RT: 4.091 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

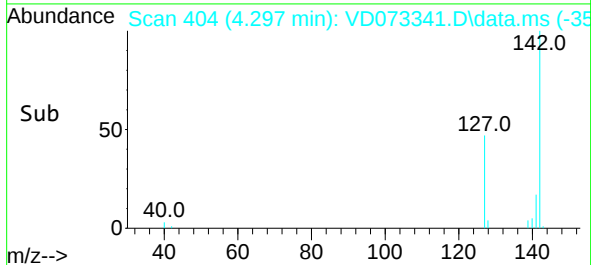
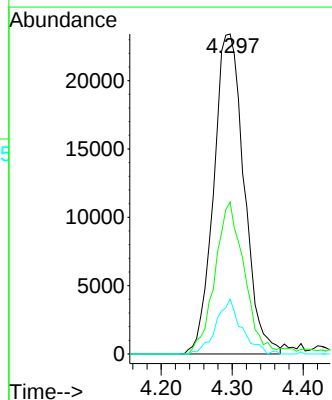
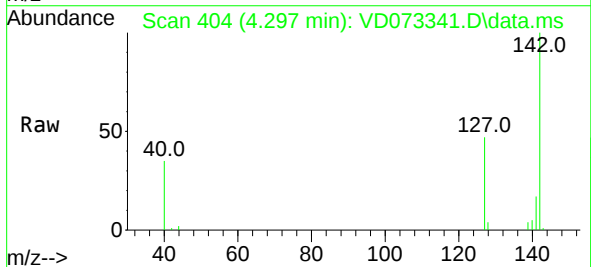
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

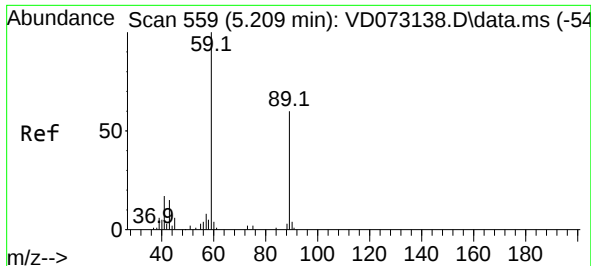
Tgt Ion:101 Resp: 69447
Ion Ratio Lower Upper
101 100
85 43.4 36.4 54.6
151 75.4 57.3 85.9



#10
Methyl Iodide
Concen: 19.314 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion:142 Resp: 69539
Ion Ratio Lower Upper
142 100
127 45.6 37.3 55.9
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 108.277 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

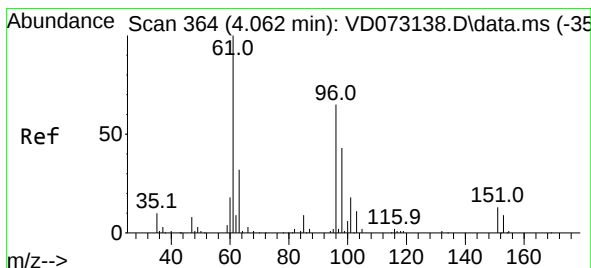
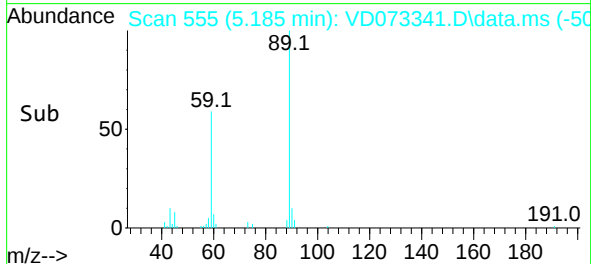
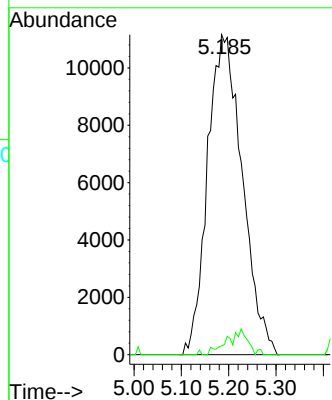
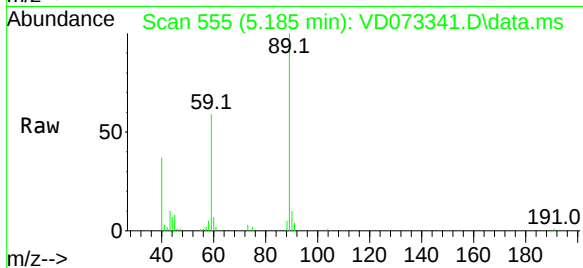
VD0524SBSD02

Tgt Ion: 59 Resp: 56839

Ion Ratio Lower Upper

59 100

57 1.9 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 19.945 ug/l

RT: 4.068 min Scan# 365

Delta R.T. 0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

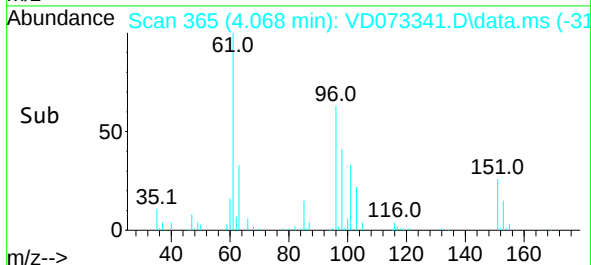
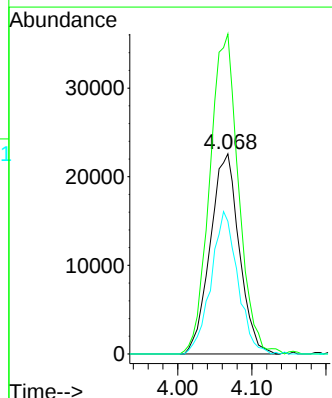
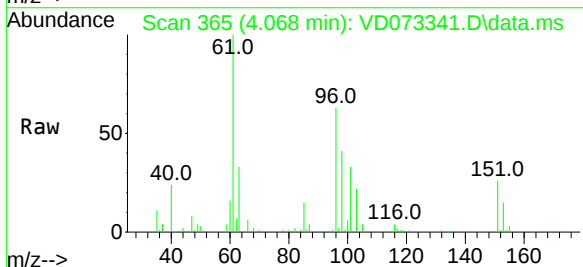
Tgt Ion: 96 Resp: 61365

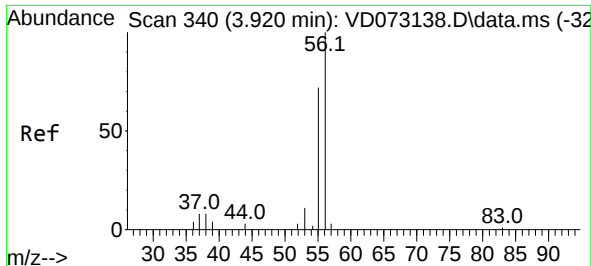
Ion Ratio Lower Upper

96 100

61 159.8 138.5 207.7

98 66.3 48.6 73.0





#13

Acrolein

Concen: 110.997 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

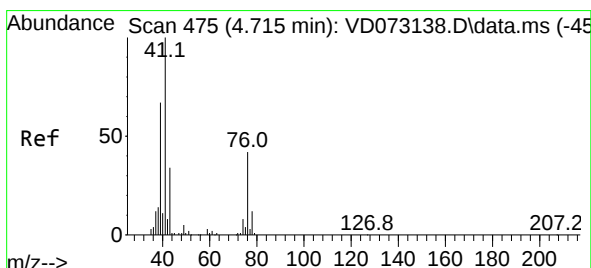
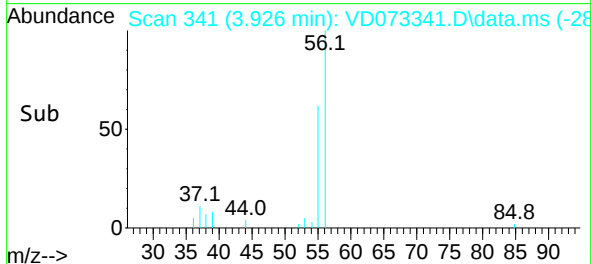
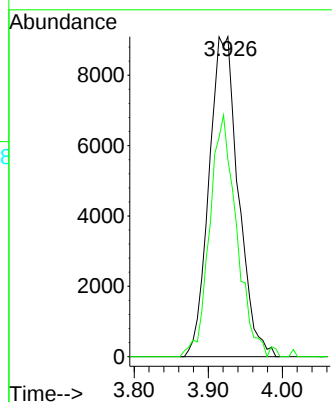
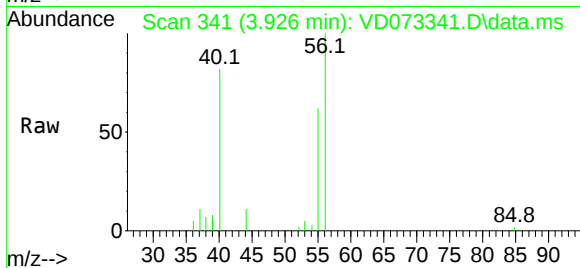
VD0524SBSD02

Tgt Ion: 56 Resp: 25056

Ion Ratio Lower Upper

56 100

55 68.8 57.1 85.7



#14

Allyl chloride

Concen: 20.041 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.012 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

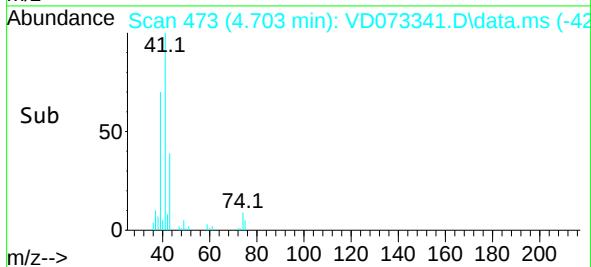
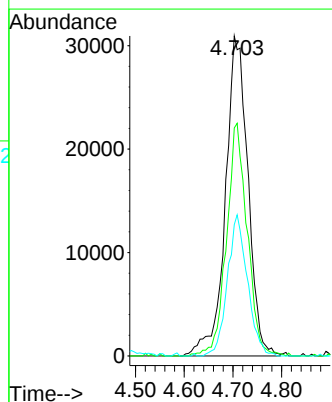
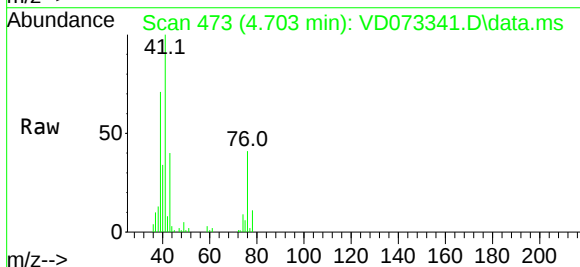
Tgt Ion: 41 Resp: 99533

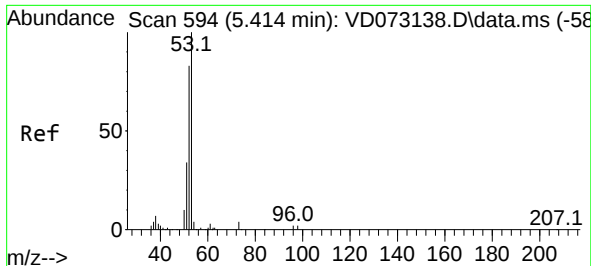
Ion Ratio Lower Upper

41 100

39 66.8 59.3 88.9

76 39.3 25.7 38.5#

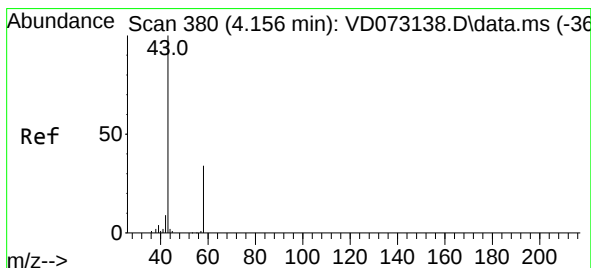
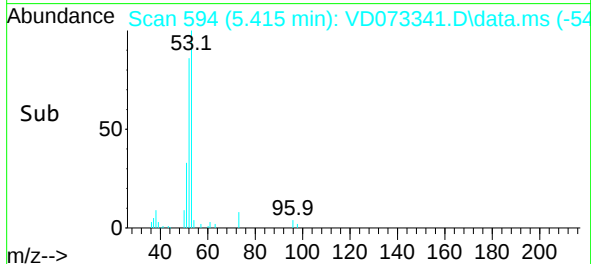
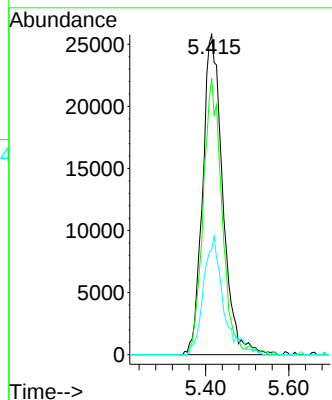
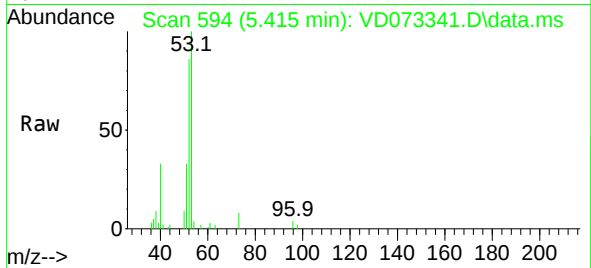




#15
Acrylonitrile
Concen: 123.141 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

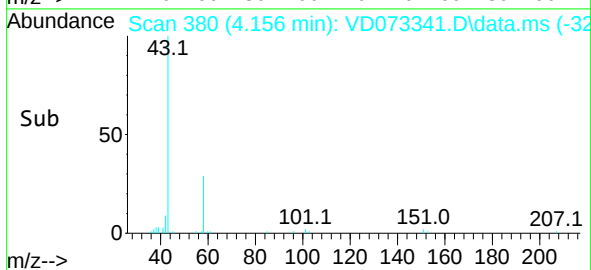
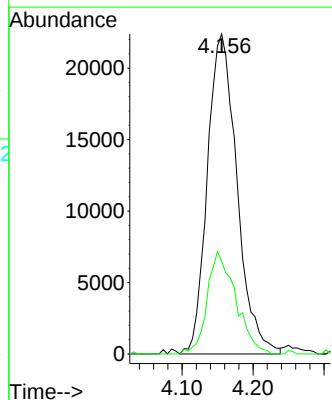
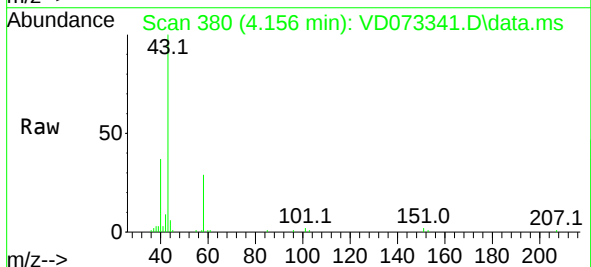
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

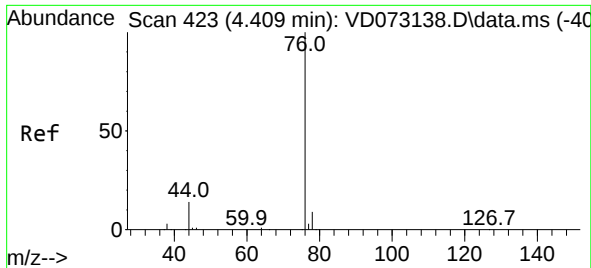
Tgt Ion: 53	Resp: 86542
Ion Ratio	Lower Upper
53 100	
52 79.7	67.2 100.8
51 36.4	30.3 45.5



#16
Acetone
Concen: 110.640 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 43	Resp: 64840
Ion Ratio	Lower Upper
43 100	
58 29.0	22.1 33.1

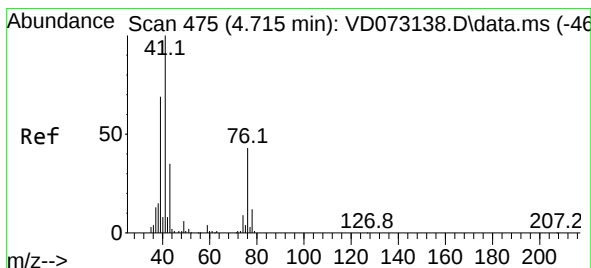
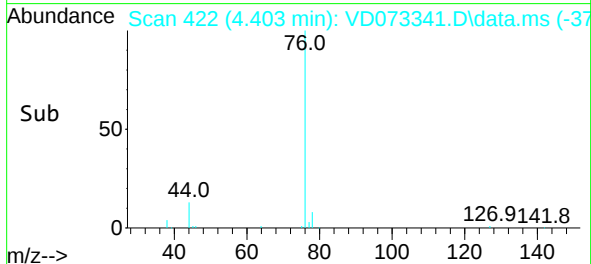
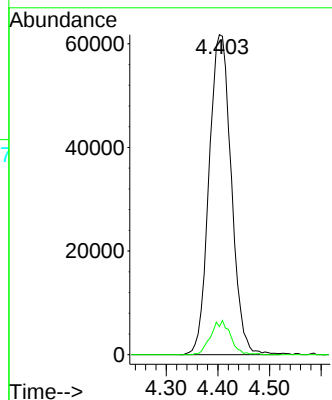
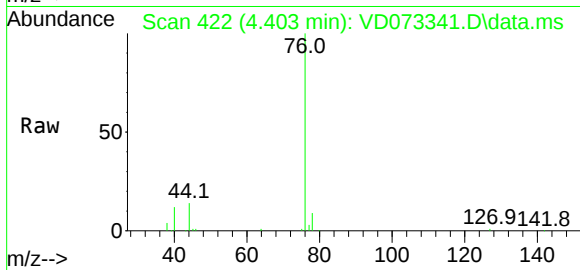




#17
Carbon Disulfide
Concen: 18.107 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

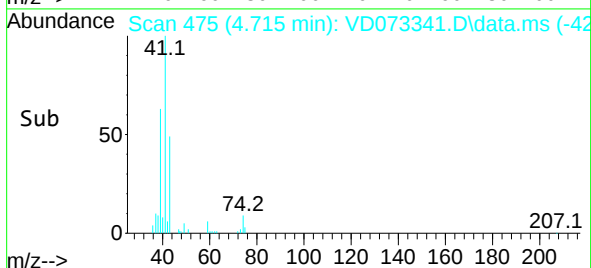
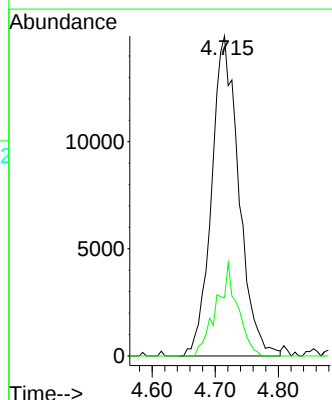
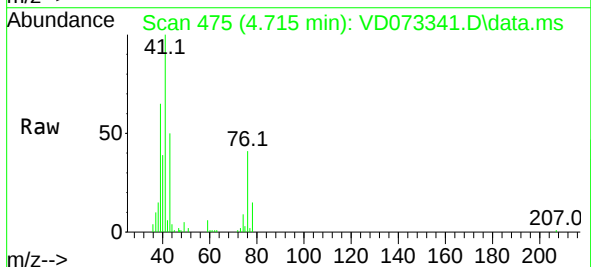
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

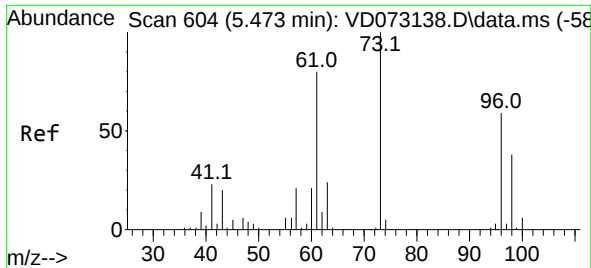
Tgt Ion: 76 Resp: 184679
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 27.510 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 43 Resp: 44830
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1

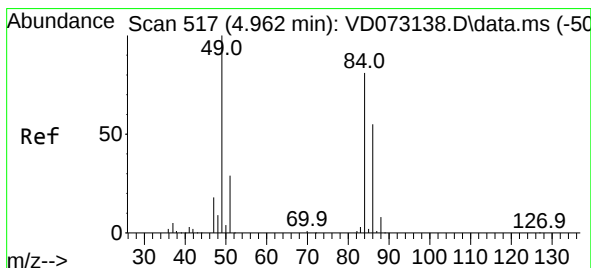
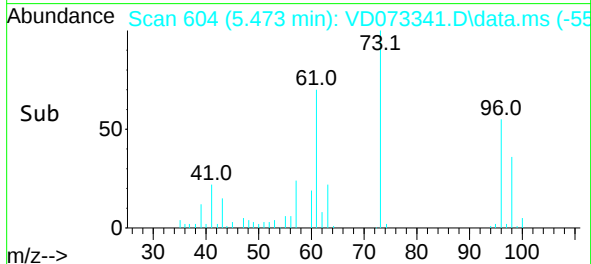
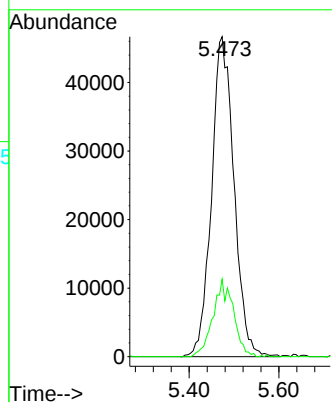
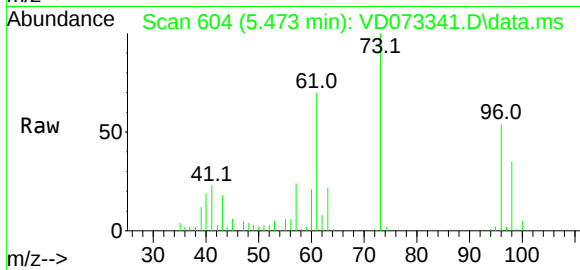




#19
Methyl tert-butyl Ether
Concen: 23.133 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

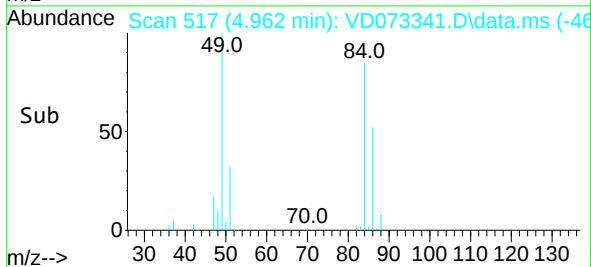
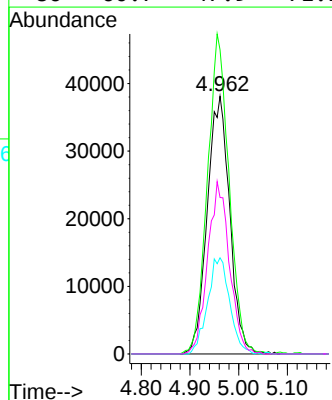
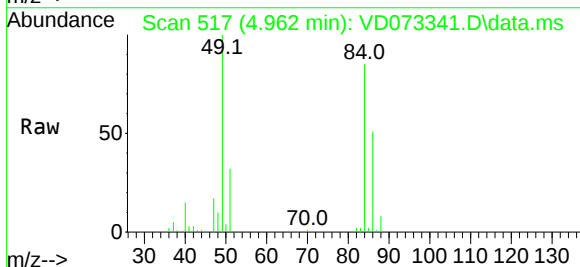
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

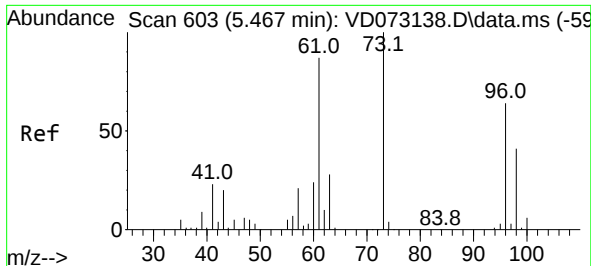
Tgt Ion: 73 Resp: 162143
Ion Ratio Lower Upper
73 100
57 24.2 18.0 27.0



#20
Methylene Chloride
Concen: 31.385 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 84 Resp: 122190
Ion Ratio Lower Upper
84 100
49 118.0 112.8 169.2
51 37.3 32.6 48.8
86 60.7 47.9 71.9

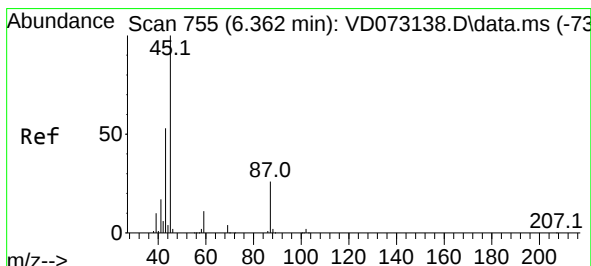
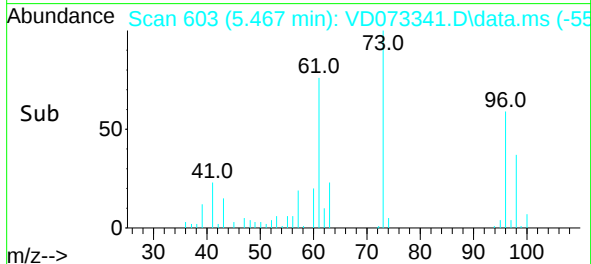
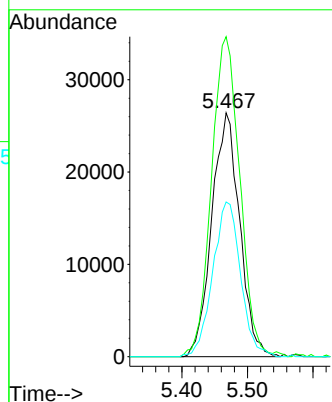
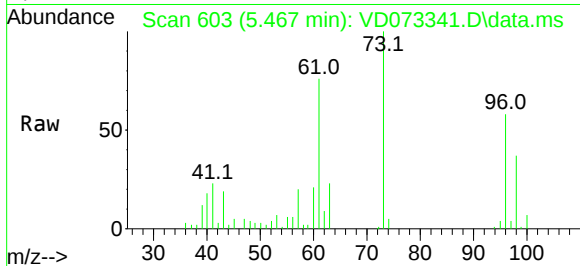




#21
trans-1,2-Dichloroethene
Concen: 20.907 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

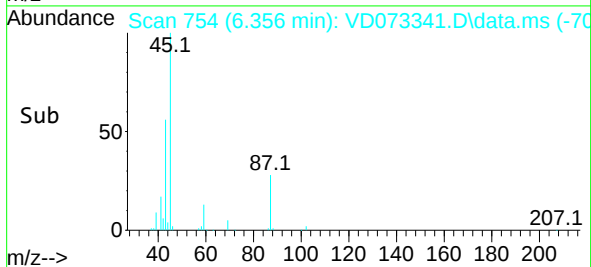
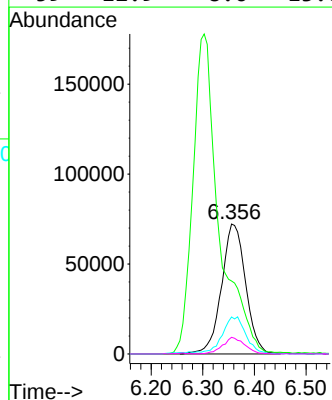
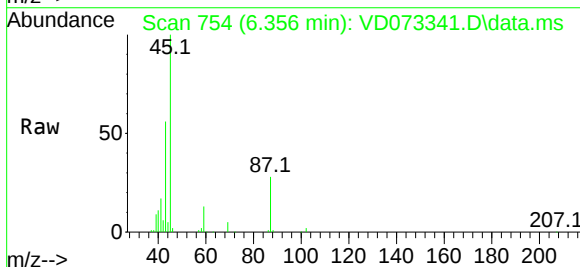
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

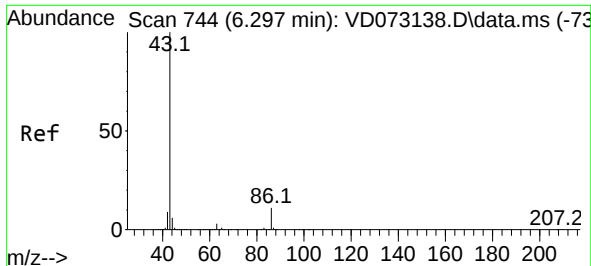
Tgt Ion: 96 Resp: 77777
Ion Ratio Lower Upper
96 100
61 131.2 117.9 176.9
98 63.5 49.4 74.2



#22
Diisopropyl ether
Concen: 22.518 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 45 Resp: 234434
Ion Ratio Lower Upper
45 100
43 54.8 46.6 70.0
87 28.1 18.4 27.6#
59 12.9 8.6 13.0

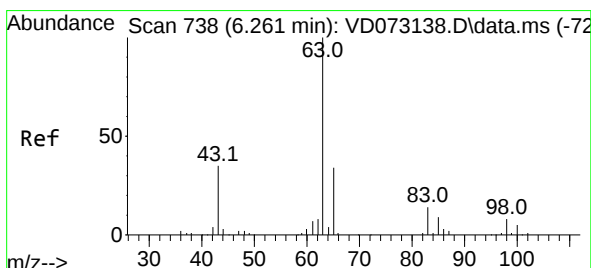
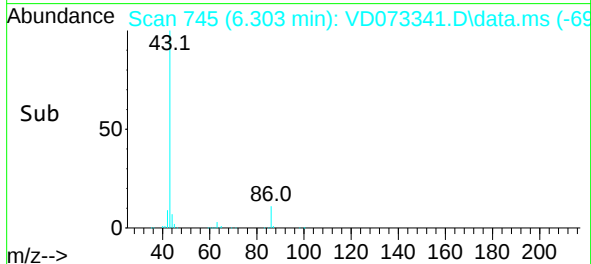
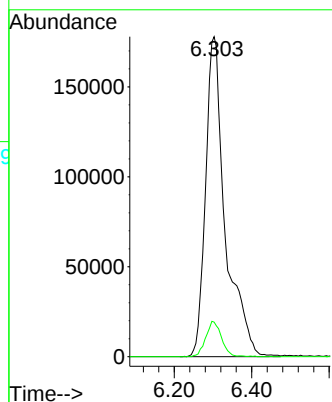
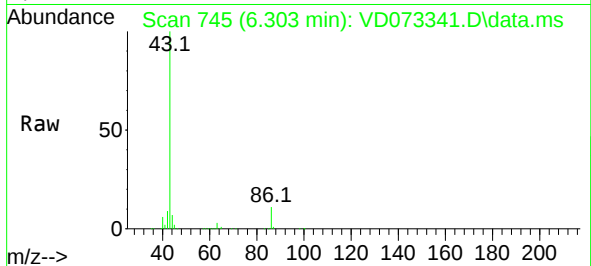




#23
 Vinyl Acetate
 Concen: 112.836 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073341.D
 Acq: 25 May 2022 00:25

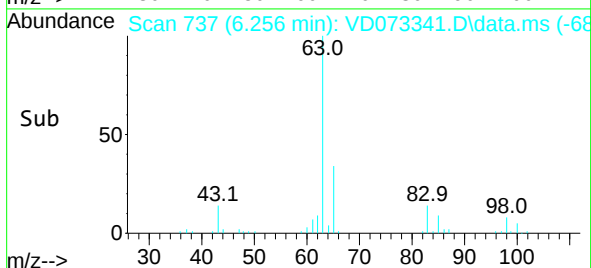
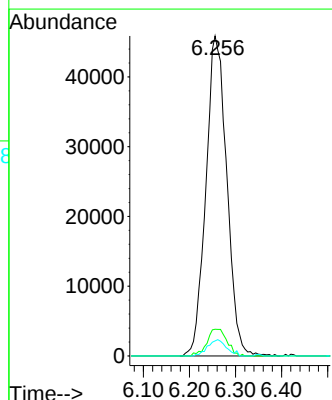
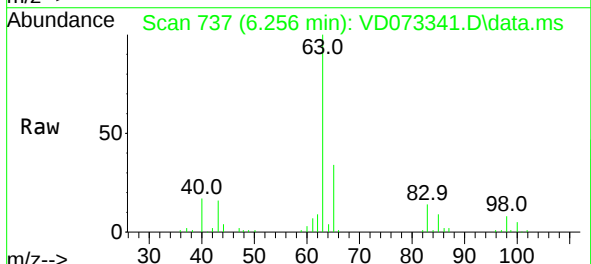
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBSD02

Tgt Ion: 43 Resp: 626603
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.699 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073341.D
 Acq: 25 May 2022 00:25

Tgt Ion: 63 Resp: 145003
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 4.7 2.1 6.5

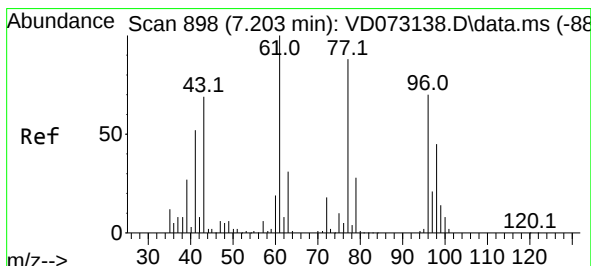
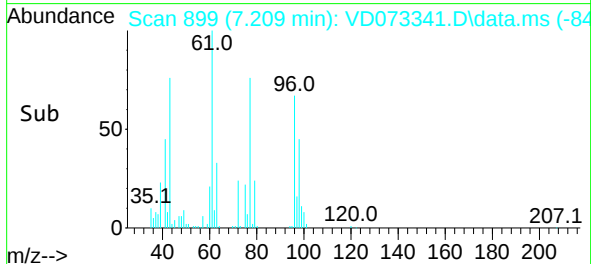
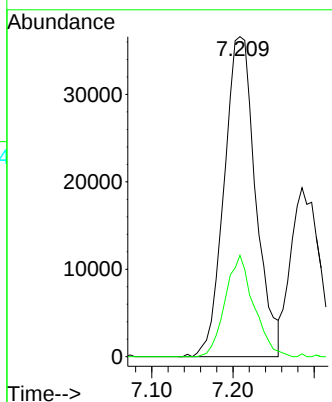
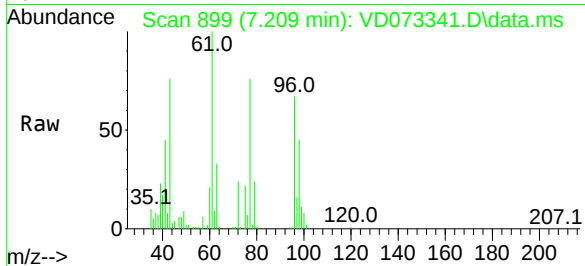




#25
2-Butanone
Concen: 115.266 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

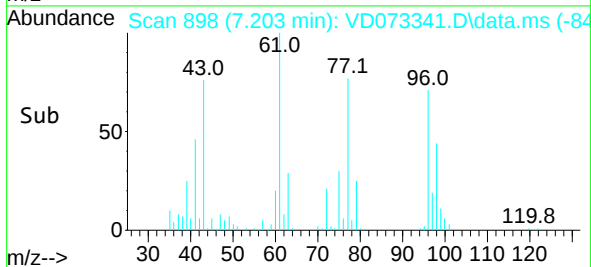
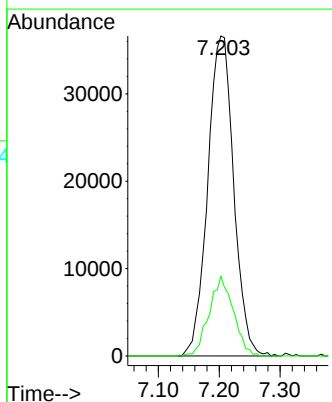
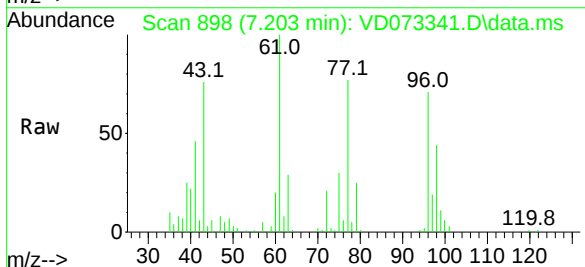
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

Tgt Ion: 43 Resp: 98830
Ion Ratio Lower Upper
43 100
72 31.7 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 19.054 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 77 Resp: 108588
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4

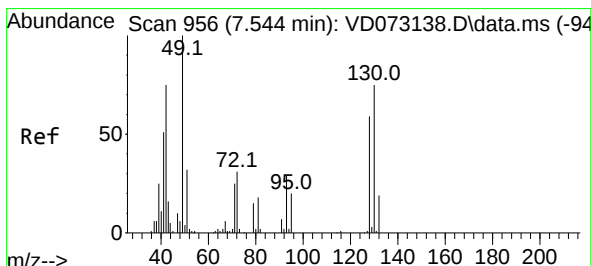
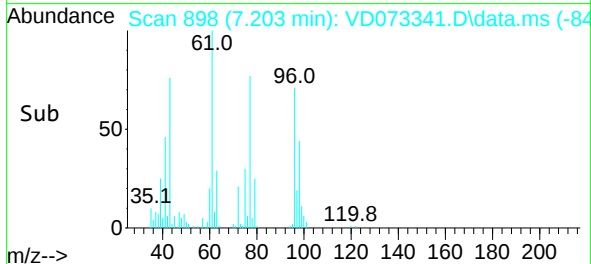
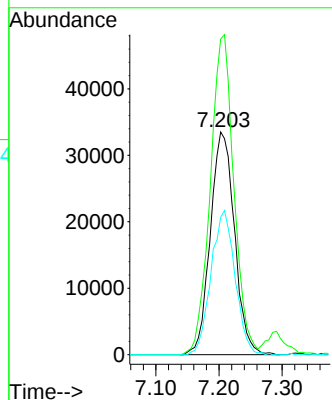
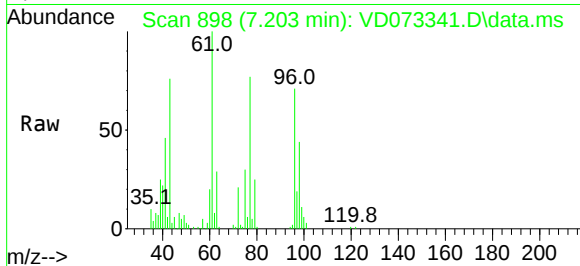




#27
 cis-1,2-Dichloroethene
 Concen: 21.624 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073341.D
 Acq: 25 May 2022 00:25

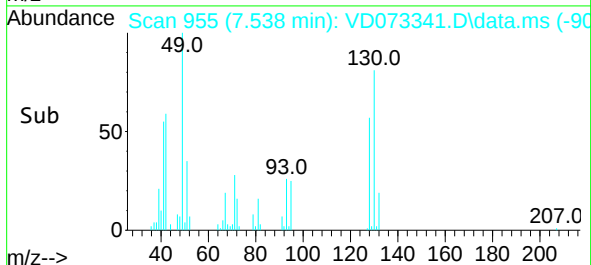
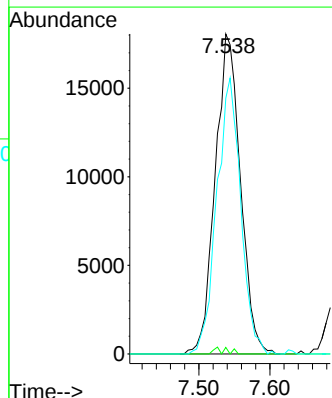
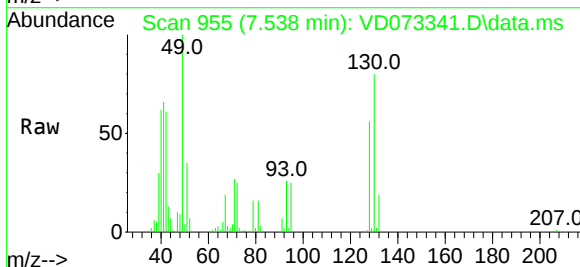
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBSD02

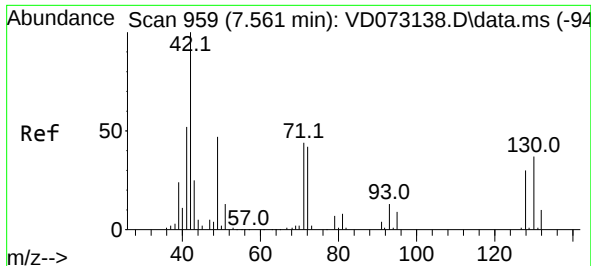
Tgt Ion: 96 Resp: 89010
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 313.8
 98 64.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.284 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073341.D
 Acq: 25 May 2022 00:25

Tgt Ion: 49 Resp: 44397
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 4.0
 130 82.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 118.755 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

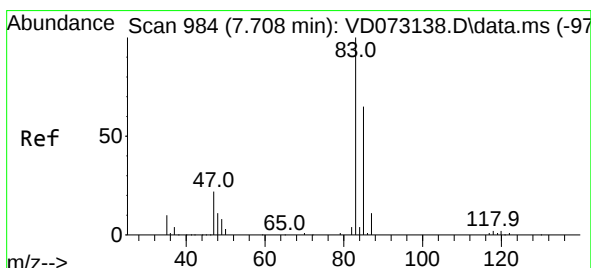
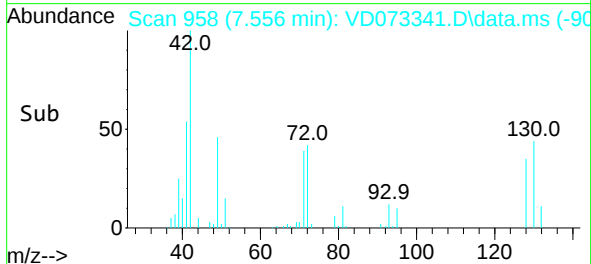
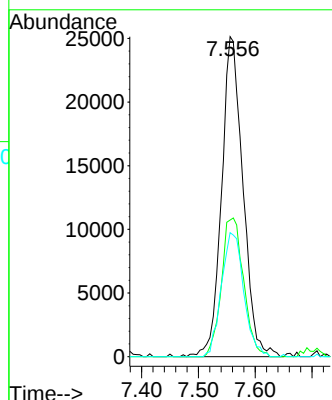
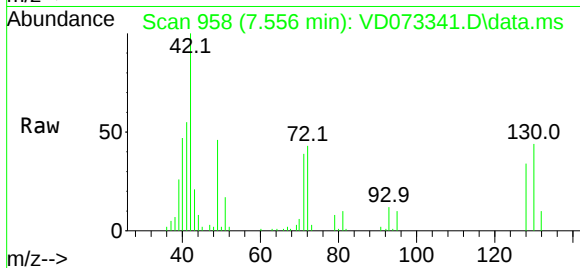
Tgt Ion: 42 Resp: 65839

Ion Ratio Lower Upper

42 100

72 44.8 30.7 46.1

71 40.5 28.6 43.0



#30

Chloroform

Concen: 22.197 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073341.D

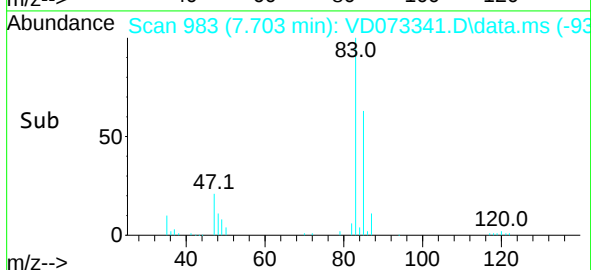
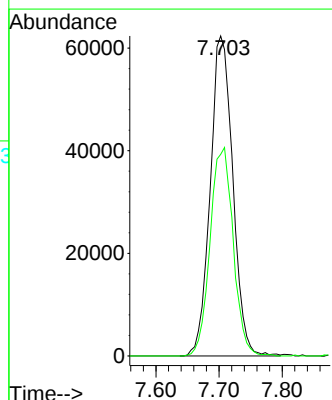
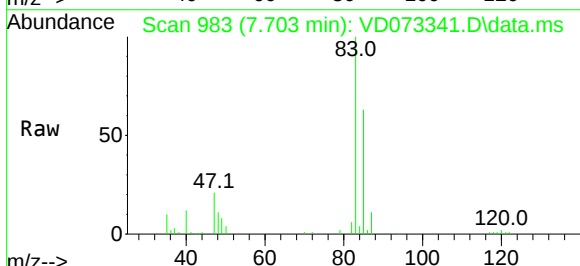
Acq: 25 May 2022 00:25

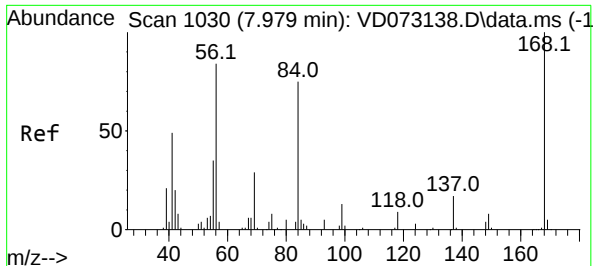
Tgt Ion: 83 Resp: 154859

Ion Ratio Lower Upper

83 100

85 63.0 52.7 79.1





#31

Cyclohexane

Concen: 18.713 ug/l

RT: 7.985 min Scan# 110643

Delta R.T. 0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD02

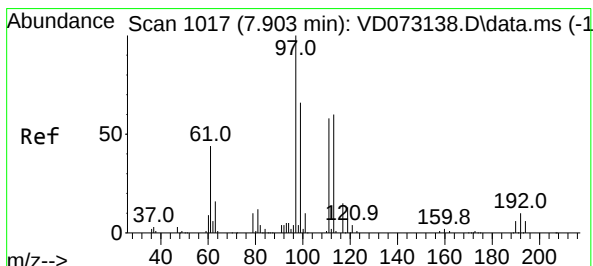
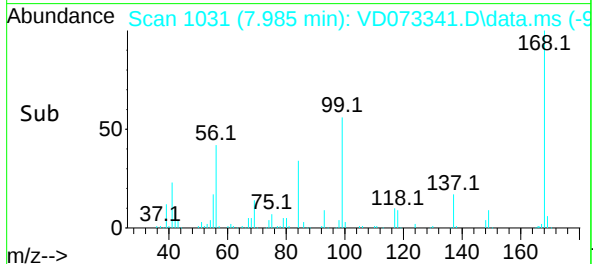
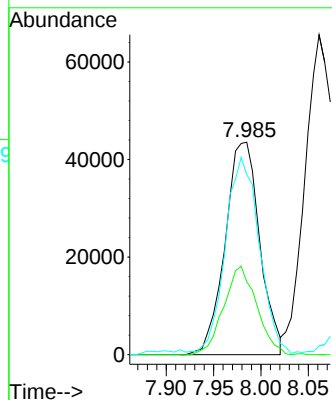
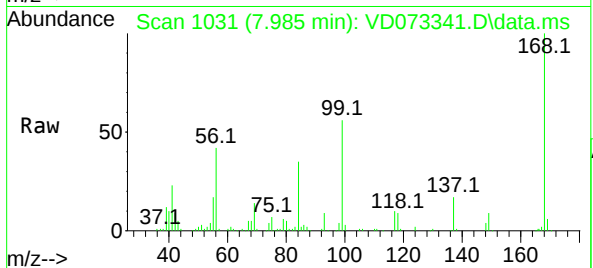
Tgt Ion: 56 Resp: 110643

Ion Ratio Lower Upper

56 100

69 34.2 25.4 38.2

84 82.4 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 21.593 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

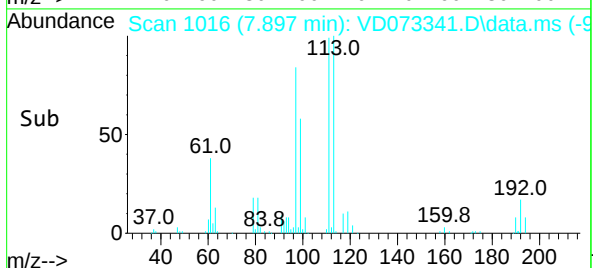
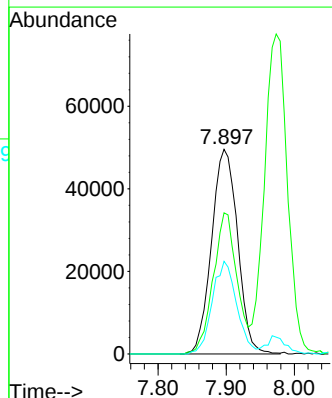
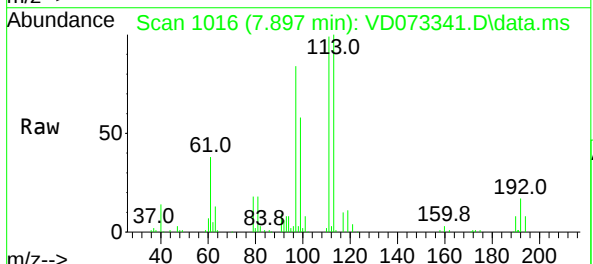
Tgt Ion: 97 Resp: 131756

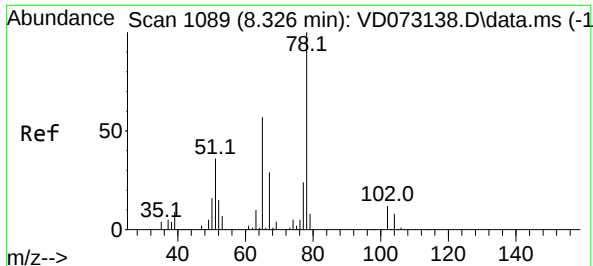
Ion Ratio Lower Upper

97 100

99 62.7 52.4 78.6

61 42.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.601 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

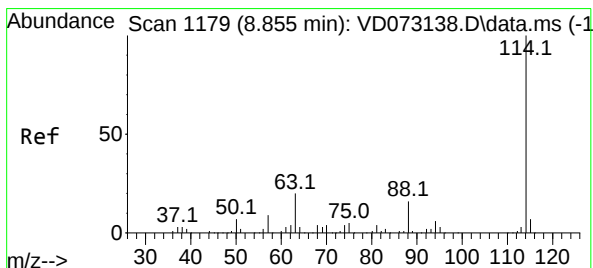
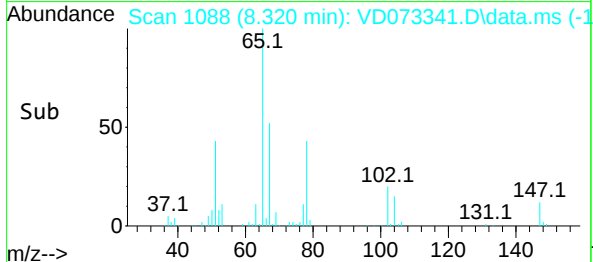
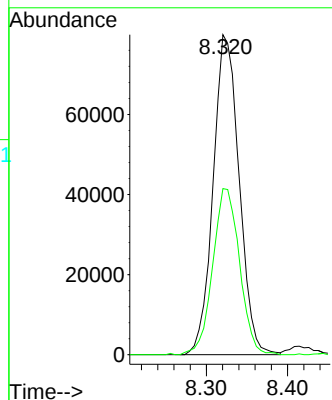
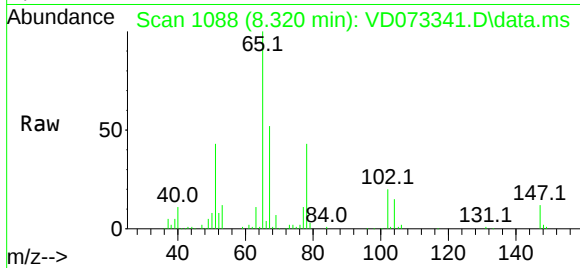
VD0524SBS02

Tgt Ion: 65 Resp: 177972

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

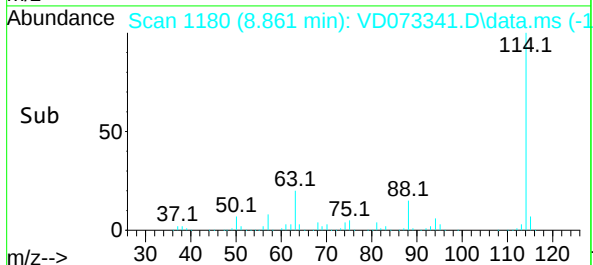
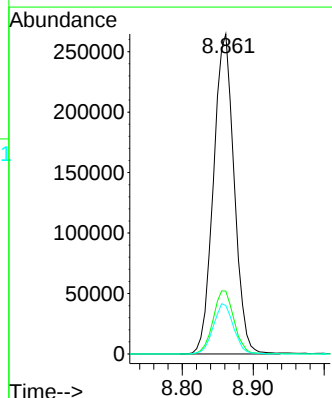
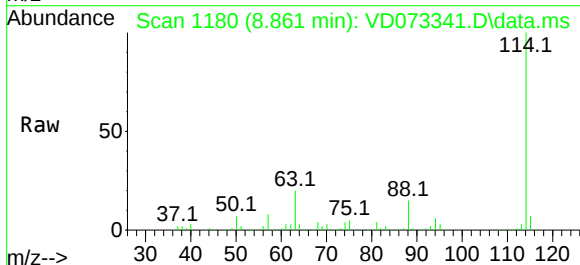
Tgt Ion: 114 Resp: 533698

Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.217 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD02

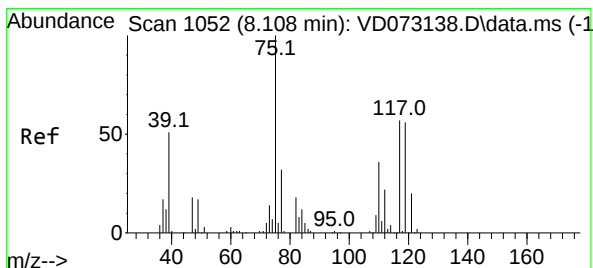
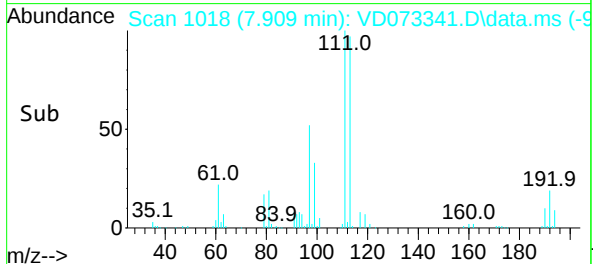
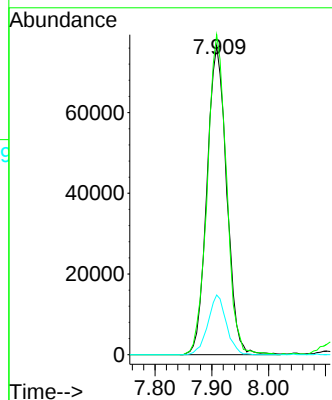
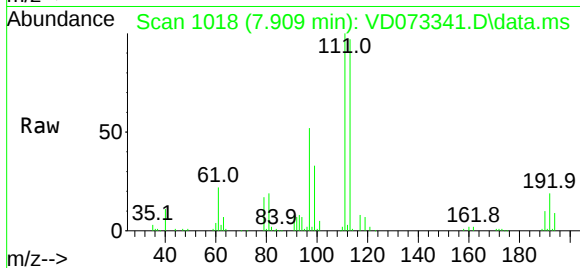
Tgt Ion:113 Resp: 183893

Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.1 14.6 21.8



#36

1,1-Dichloropropene

Concen: 20.389 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.001 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

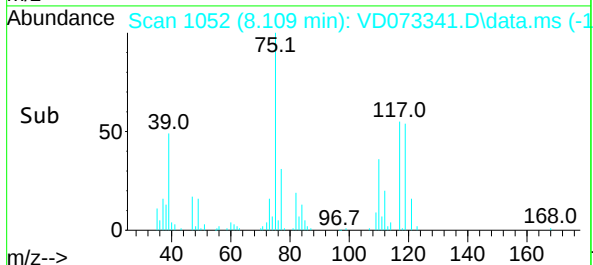
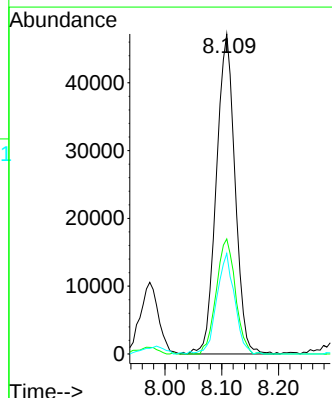
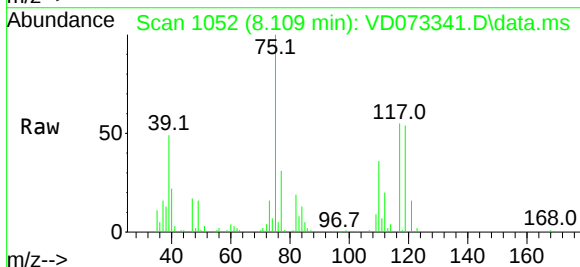
Tgt Ion: 75 Resp: 107994

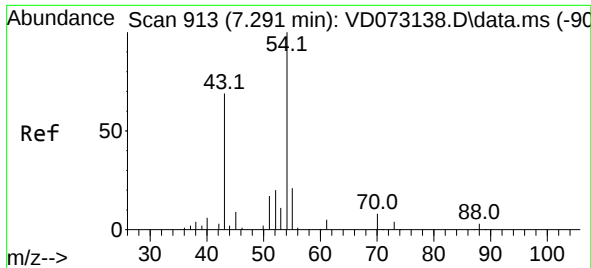
Ion Ratio Lower Upper

75 100

110 36.7 16.4 49.1

77 30.2 24.2 36.2

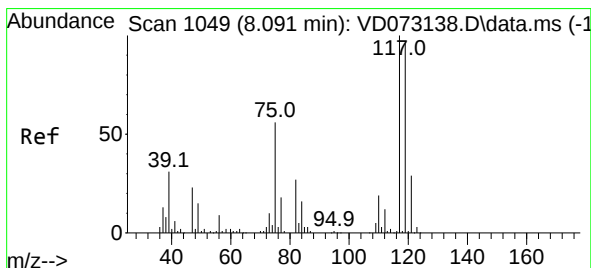
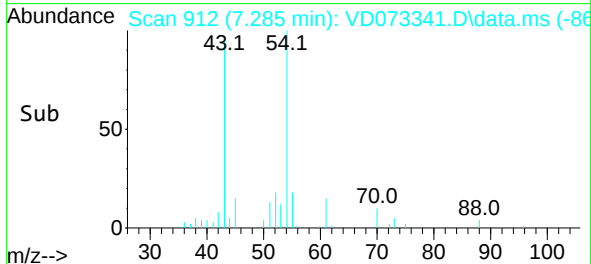
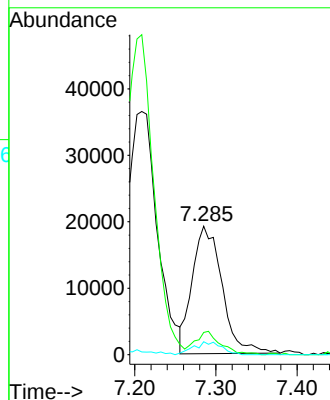
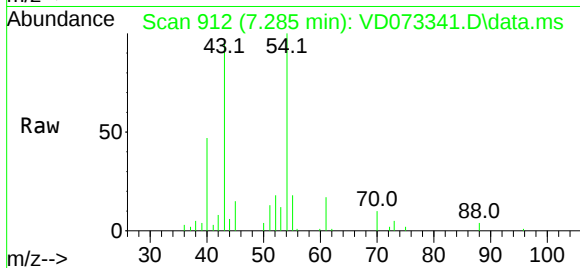




#37
Ethyl Acetate
Concen: 23.375 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

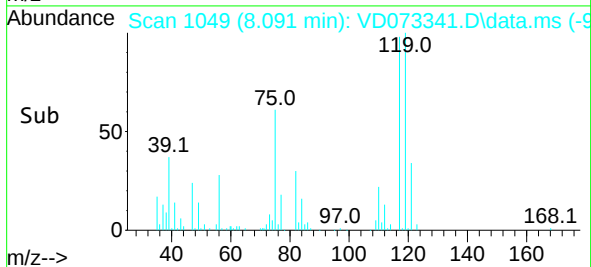
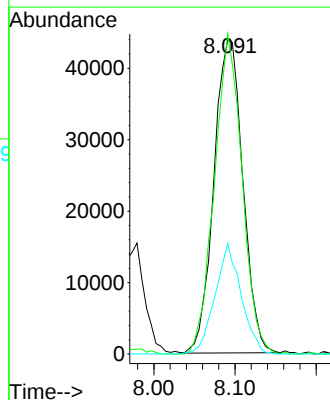
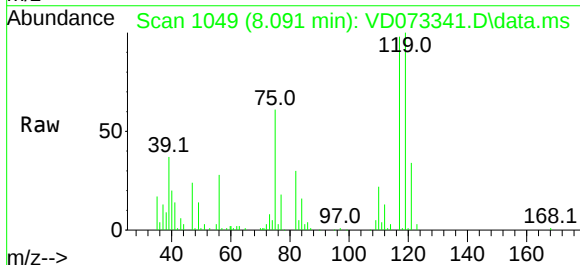
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

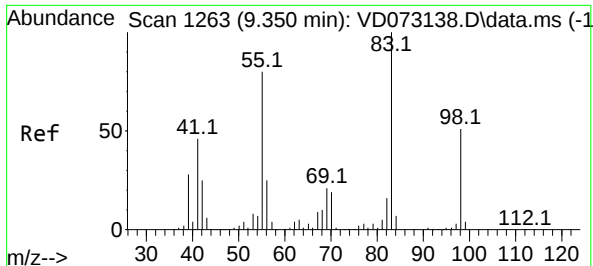
Tgt Ion: 43 Resp: 48903
Ion Ratio Lower Upper
43 100
61 15.6 9.8 14.8#
70 9.4 6.9 10.3



#38
Carbon Tetrachloride
Concen: 20.307 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 117 Resp: 109029
Ion Ratio Lower Upper
117 100
119 102.3 75.8 113.6
121 35.3 24.5 36.7





#39

Methylcyclohexane

Concen: 18.350 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD02

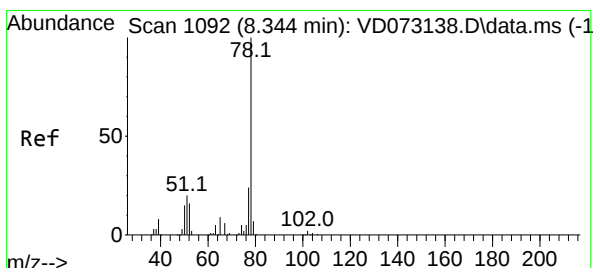
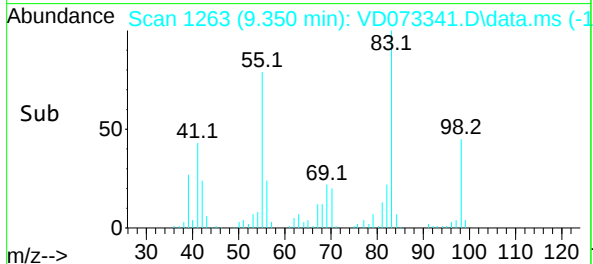
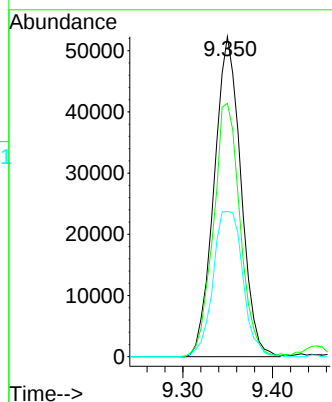
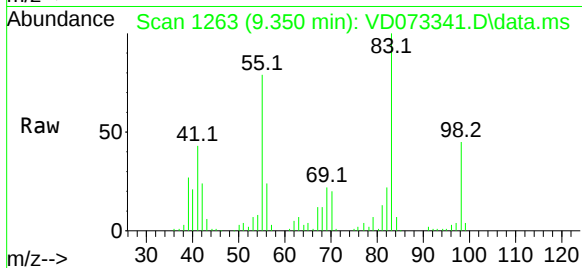
Tgt Ion: 83 Resp: 108314

Ion Ratio Lower Upper

83 100

55 79.2 63.2 94.8

98 45.4 38.2 57.4



#40

Benzene

Concen: 21.506 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073341.D

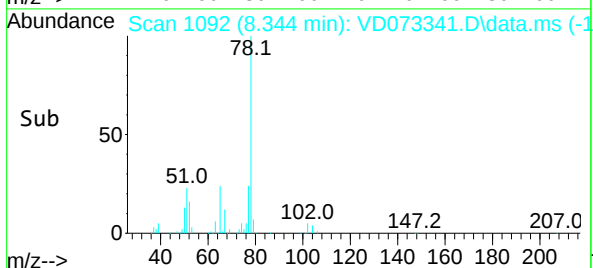
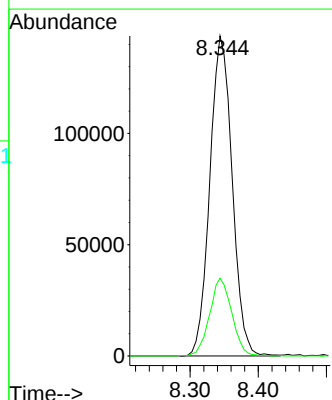
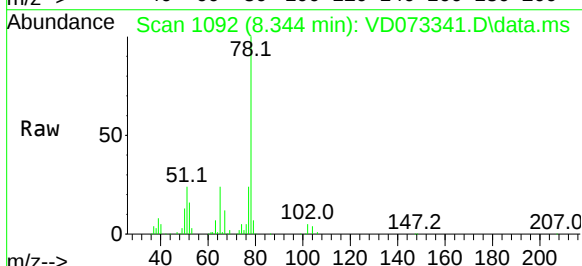
Acq: 25 May 2022 00:25

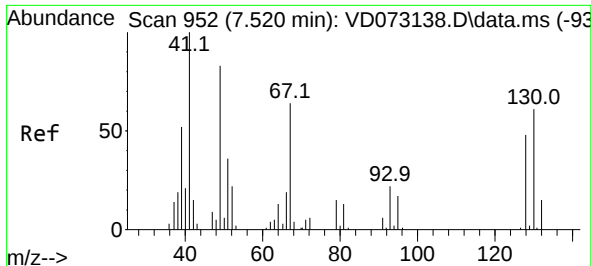
Tgt Ion: 78 Resp: 328279

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

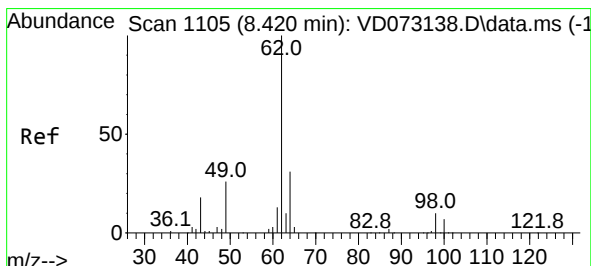
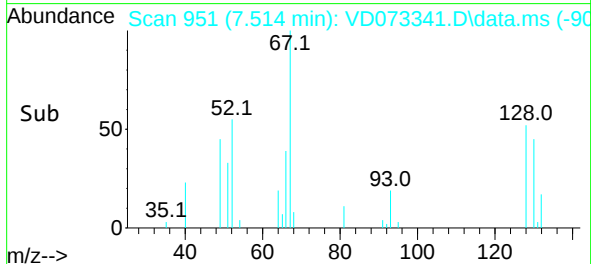
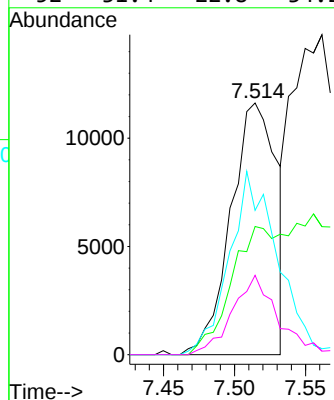
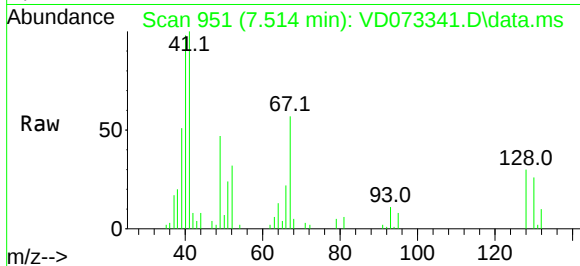




#41
Methacrylonitrile
Concen: 21.324 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

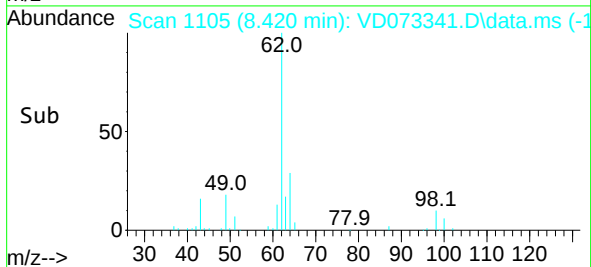
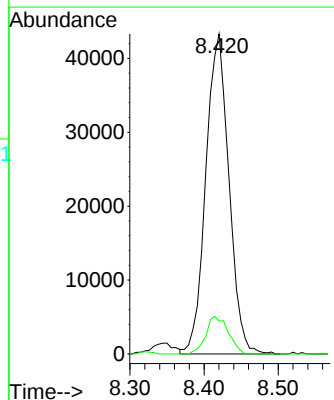
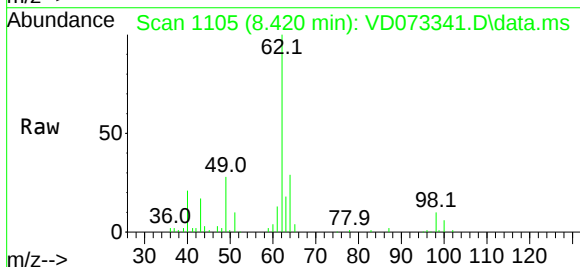
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

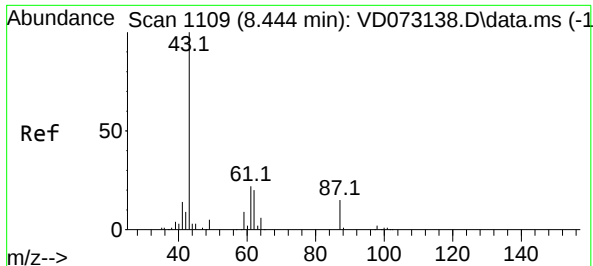
Tgt Ion:	41	Resp:	25993
Ion	Ratio	Lower	Upper
41	100		
39	46.2	44.6	67.0
67	77.3	48.2	72.4#
52	31.4	22.8	34.2



#42
1,2-Dichloroethane
Concen: 22.107 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion:	62	Resp:	93898
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 22.973 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD02

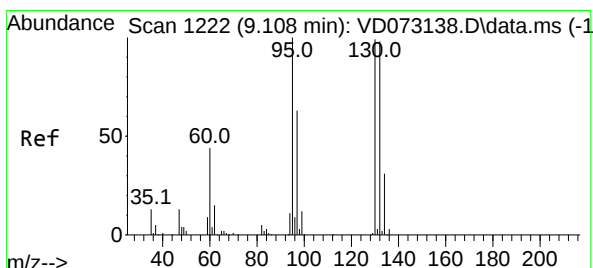
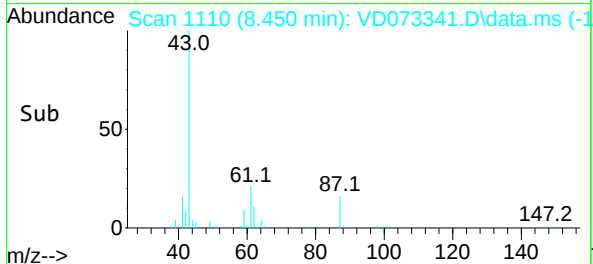
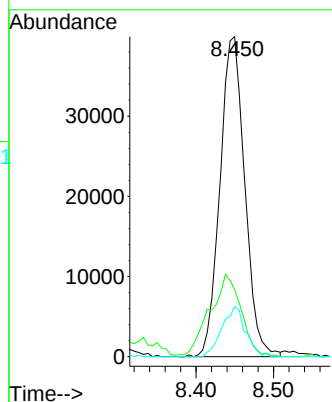
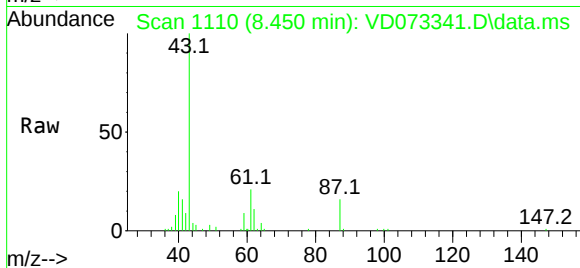
Tgt Ion: 43 Resp: 88836

Ion Ratio Lower Upper

43 100

61 32.6 22.4 33.6

87 14.8 8.7 13.1#



#44

Trichloroethene

Concen: 20.591 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073341.D

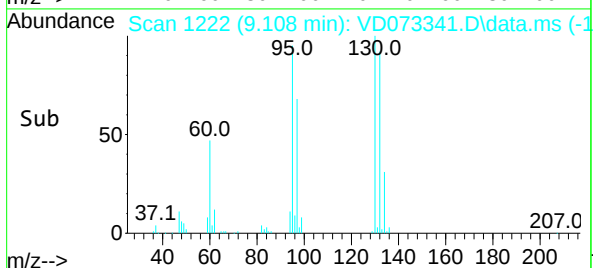
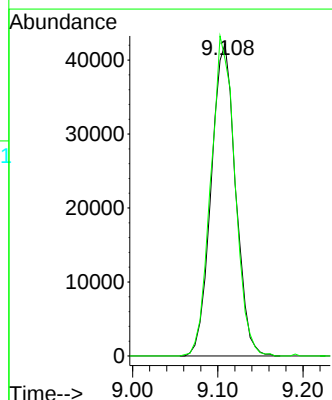
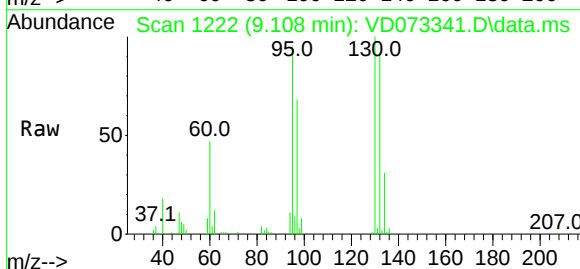
Acq: 25 May 2022 00:25

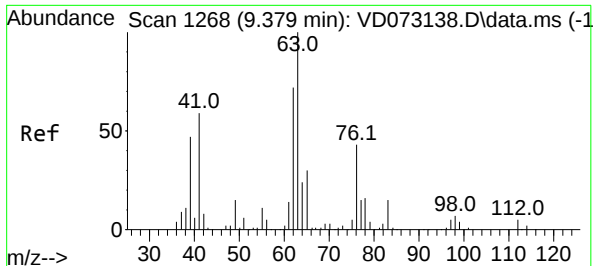
Tgt Ion:130 Resp: 83818

Ion Ratio Lower Upper

130 100

95 95.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 22.112 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

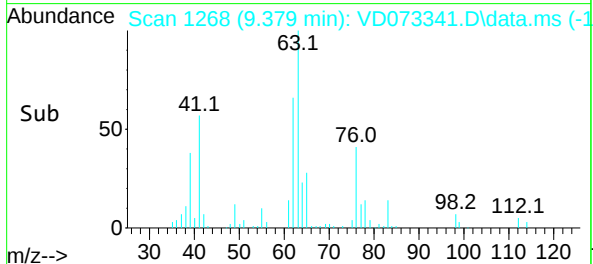
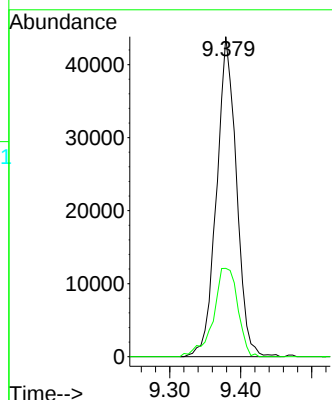
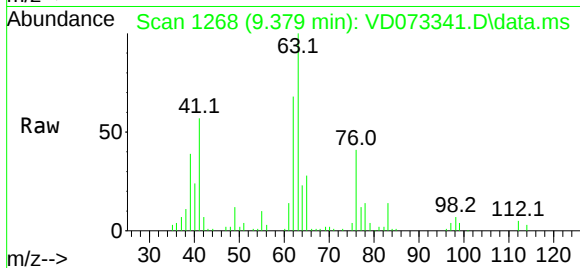
VD0524SBS02

Tgt Ion: 63 Resp: 85004

Ion Ratio Lower Upper

63 100

65 27.6 26.2 39.4



#46

Dibromomethane

Concen: 22.671 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

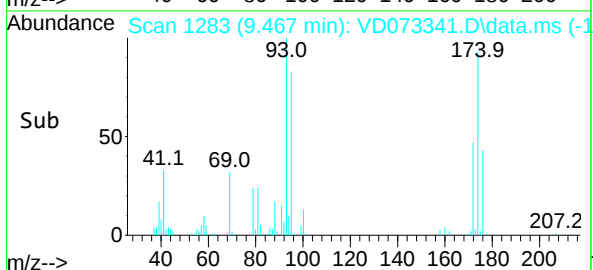
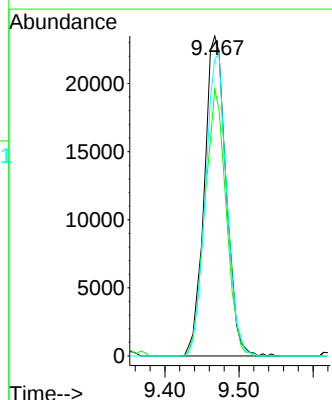
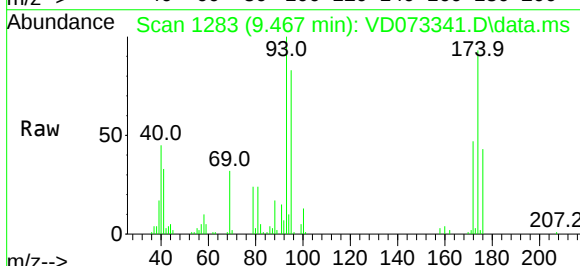
Tgt Ion: 93 Resp: 47866

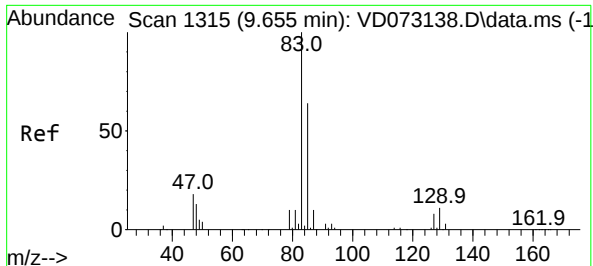
Ion Ratio Lower Upper

93 100

95 81.4 66.7 100.1

174 92.2 71.6 107.4

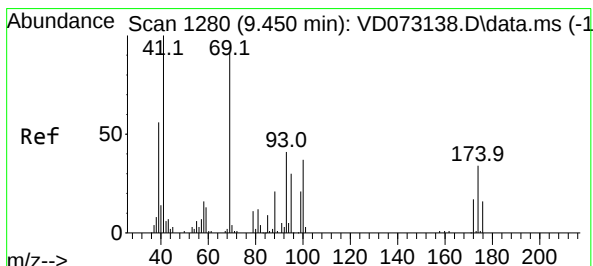
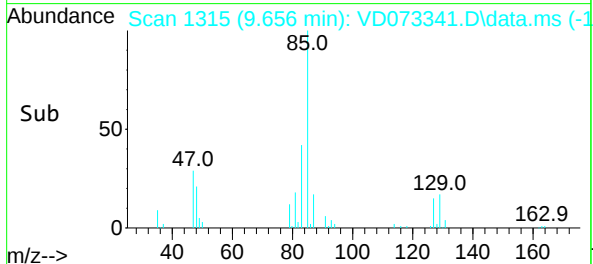
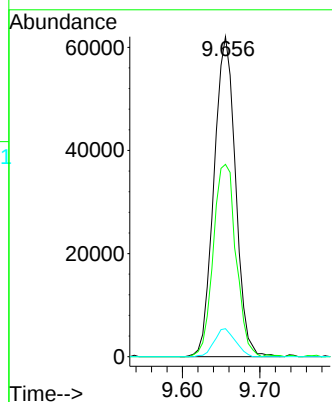
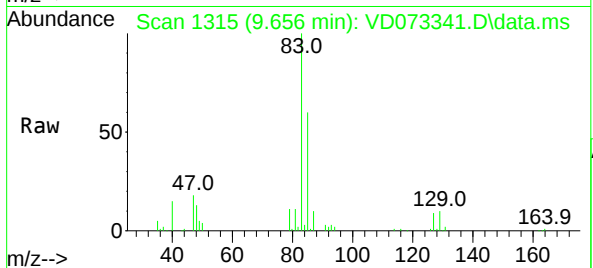




#47
Bromodichloromethane
Concen: 22.196 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

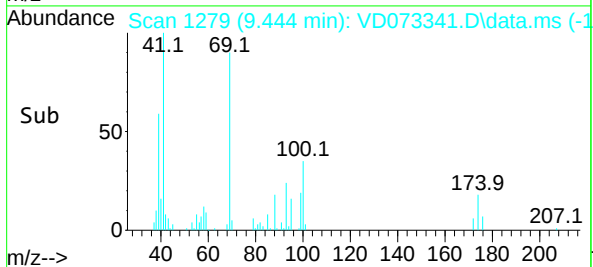
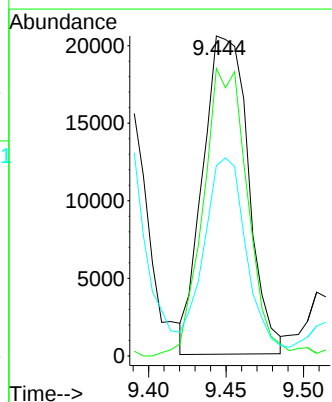
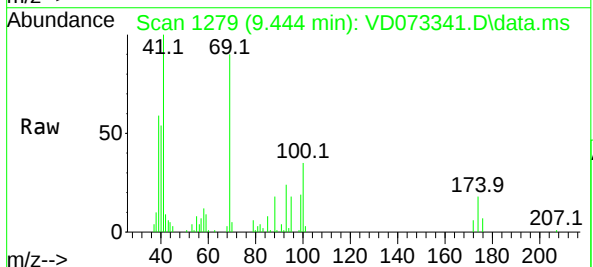
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

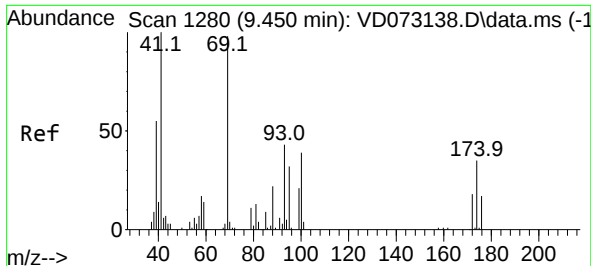
Tgt Ion: 83 Resp: 119906
Ion Ratio Lower Upper
83 100
85 60.1 51.4 77.0
127 8.8 6.1 9.1



#48
Methyl methacrylate
Concen: 21.549 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 41 Resp: 41925
Ion Ratio Lower Upper
41 100
69 89.0 56.7 85.1#
39 58.8 42.7 64.1

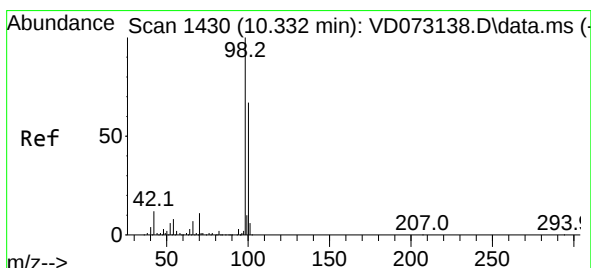
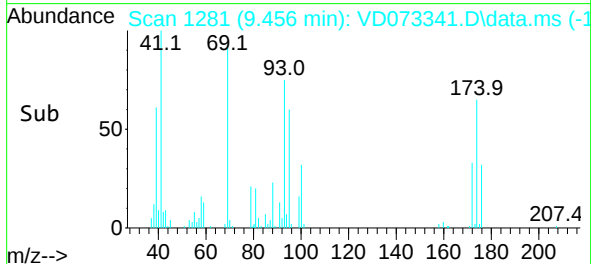
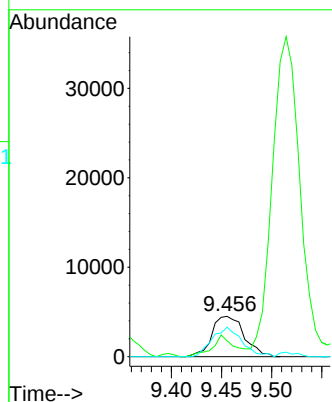
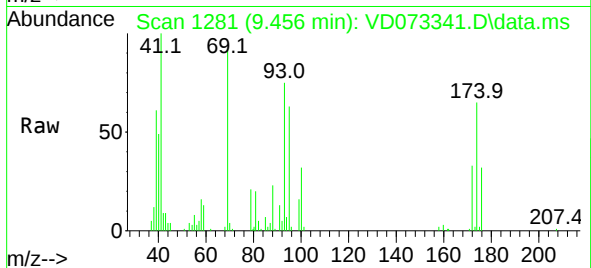




#49
1,4-Dioxane
Concen: 464.827 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

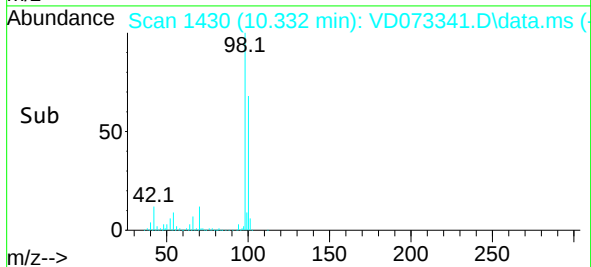
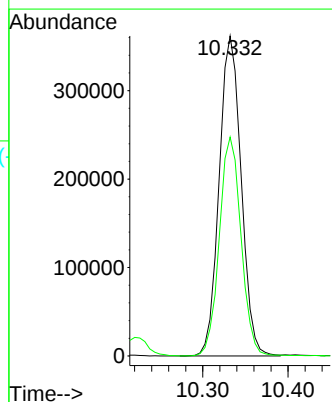
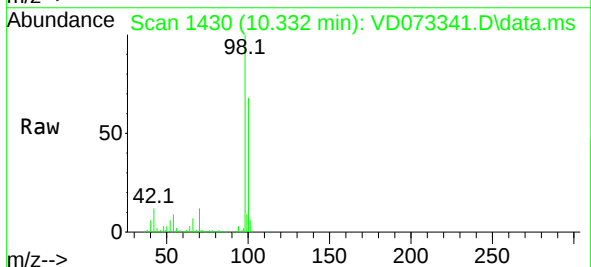
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

Tgt Ion: 88 Resp: 10135
Ion Ratio Lower Upper
88 100
43 36.2 31.0 46.4
58 67.2 58.1 87.1



#50
Toluene-d8
Concen: 50.019 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 98 Resp: 649339
Ion Ratio Lower Upper
98 100
100 67.7 52.4 78.6

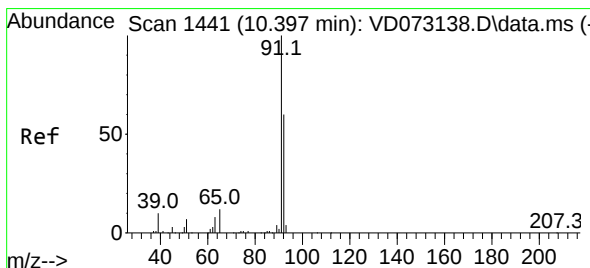
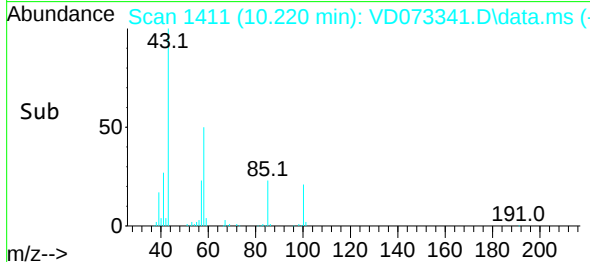
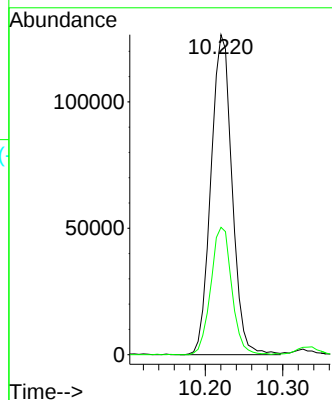
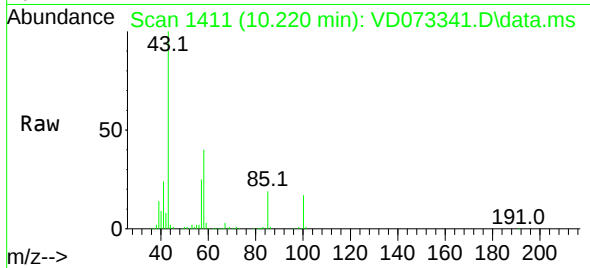




#51
4-Methyl-2-Pentanone
Concen: 119.316 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

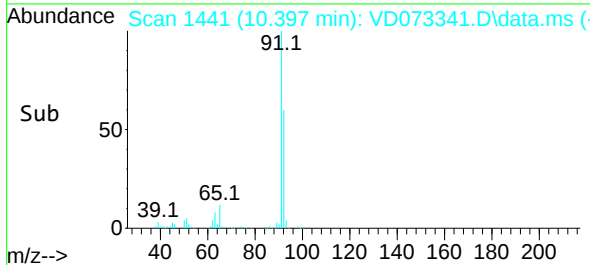
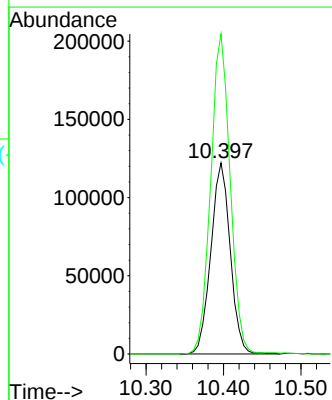
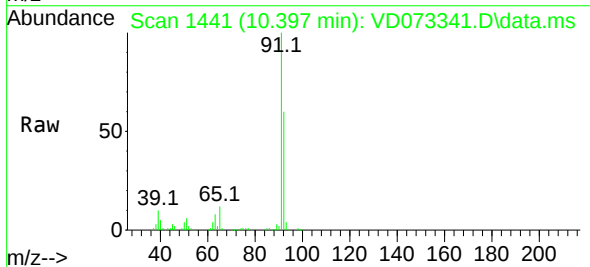
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

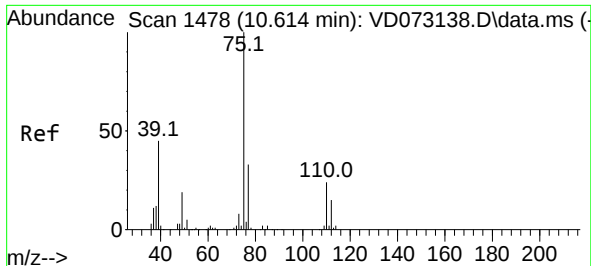
Tgt Ion: 43 Resp: 239639
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0



#52
Toluene
Concen: 21.975 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 92 Resp: 211976
Ion Ratio Lower Upper
92 100
91 168.0 139.6 209.4

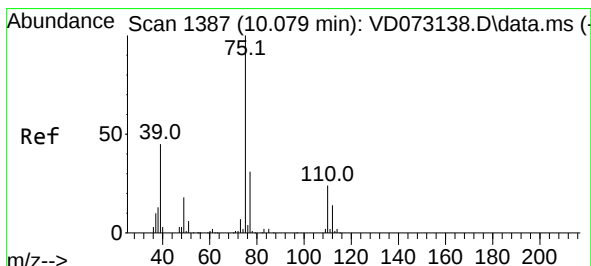
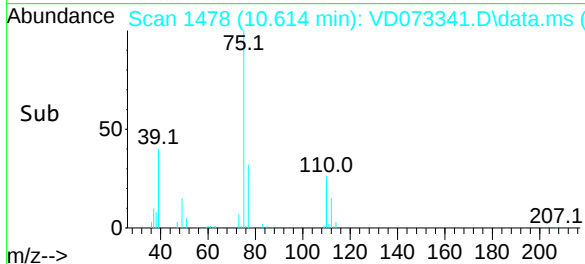
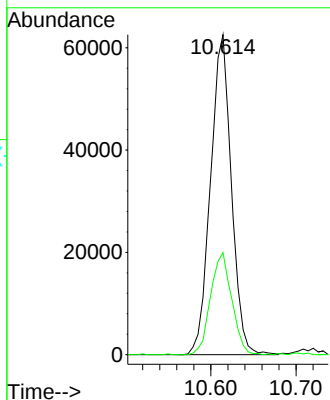
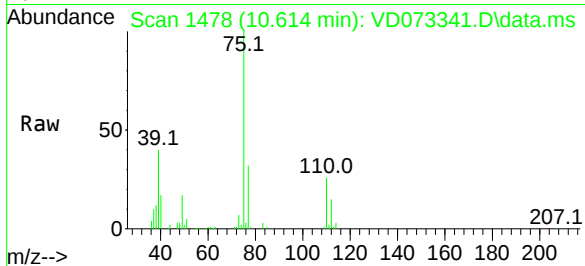




#53
t-1,3-Dichloropropene
Concen: 21.773 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

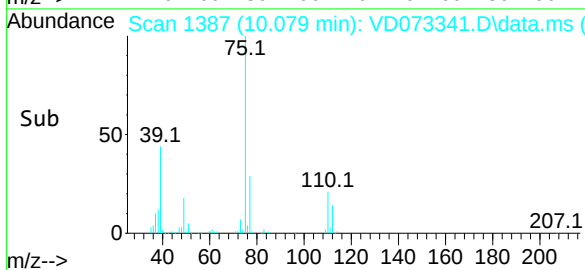
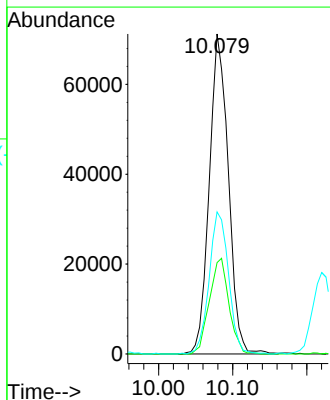
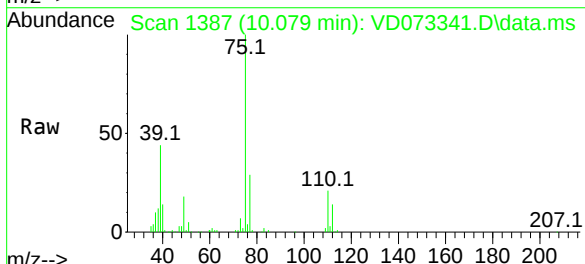
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

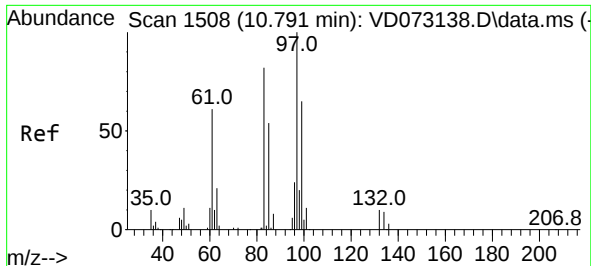
Tgt Ion: 75 Resp: 106262
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 21.808 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 75 Resp: 127367
Ion Ratio Lower Upper
75 100
77 28.6 24.8 37.2
39 44.4 46.8 70.2#

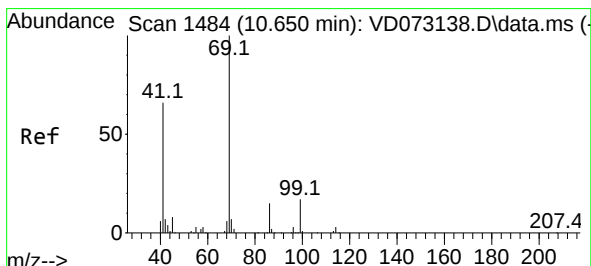
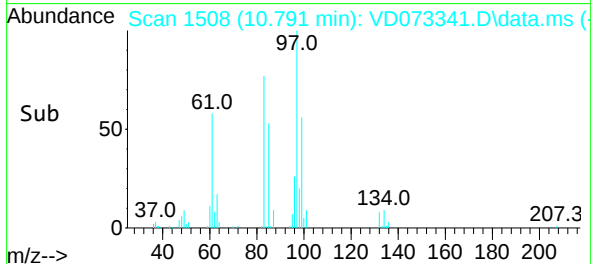
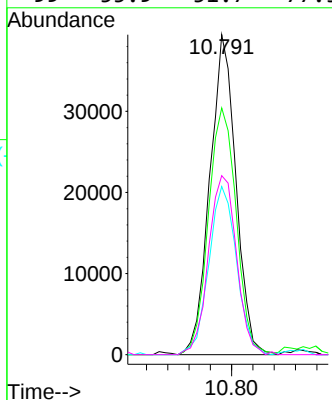
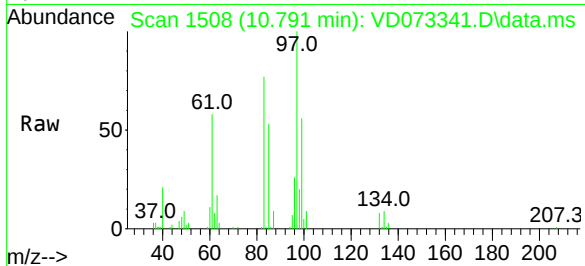




#55
1,1,2-Trichloroethane
Concen: 23.474 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

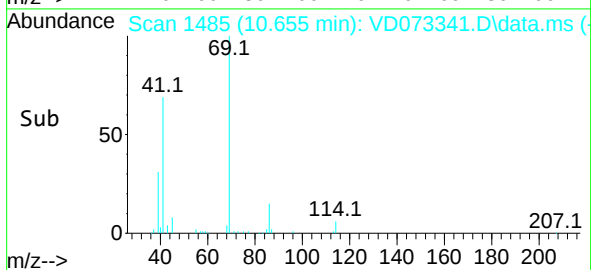
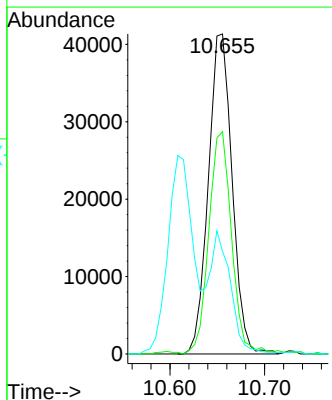
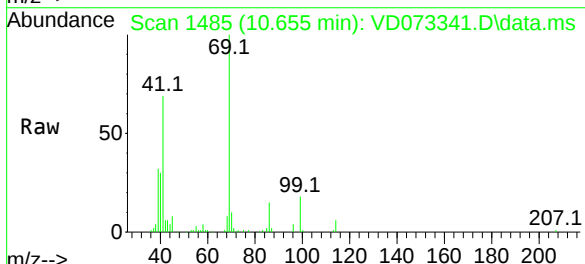
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

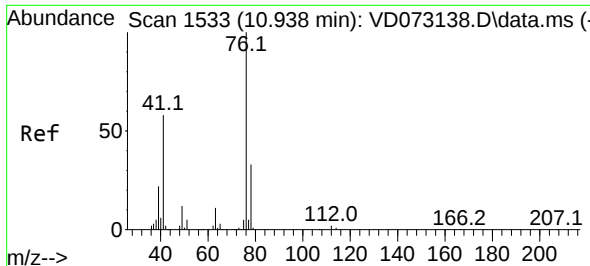
Tgt Ion:	97	Resp:	67020
Ion	Ratio	Lower	Upper
97	100		
83	77.1	69.0	103.4
85	52.6	42.6	63.8
99	55.9	51.7	77.5



#56
Ethyl methacrylate
Concen: 22.746 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion:	69	Resp:	72205
Ion	Ratio	Lower	Upper
69	100		
41	67.0	63.0	94.6
39	30.5	33.8	50.8

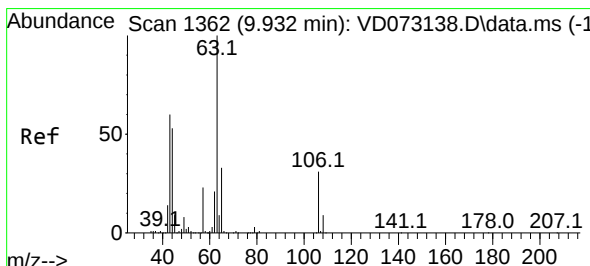
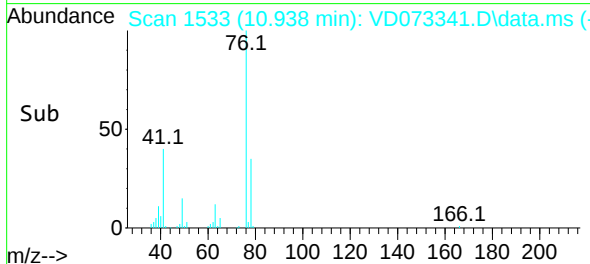
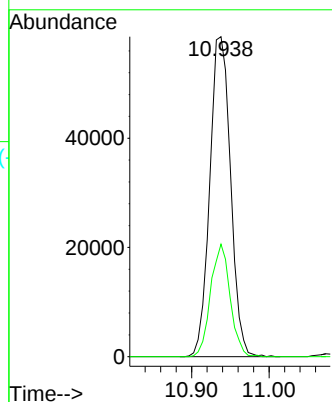
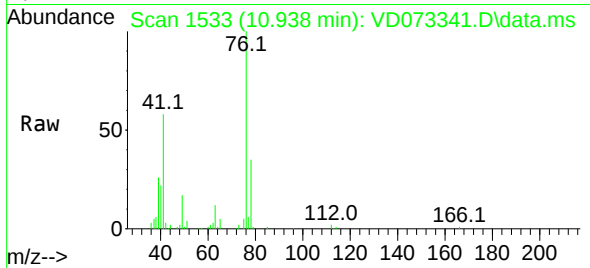




#57
1,3-Dichloropropane
Concen: 22.816 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

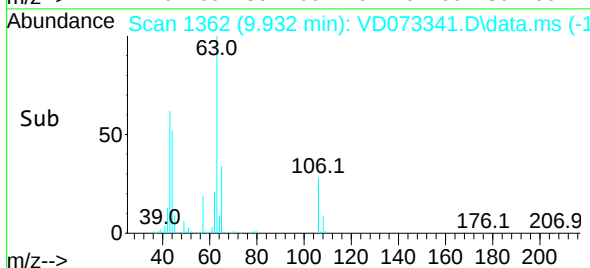
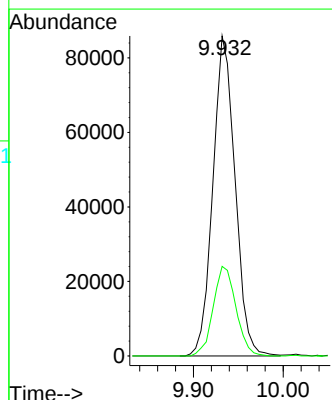
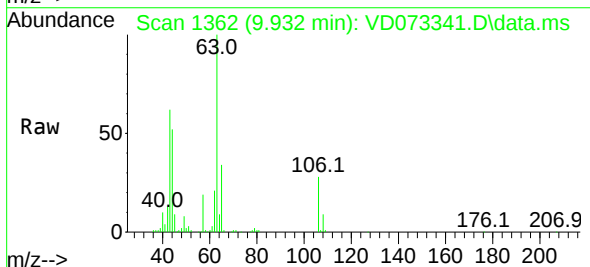
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

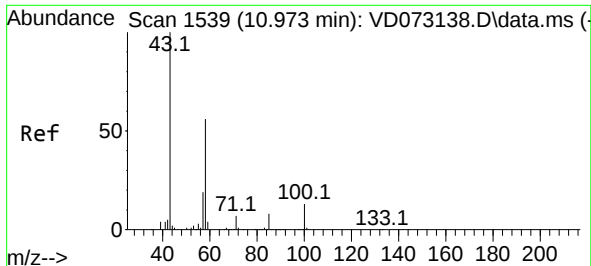
Tgt Ion: 76 Resp: 109302
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 110.903 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 63 Resp: 147401
Ion Ratio Lower Upper
63 100
106 28.7 21.4 32.0

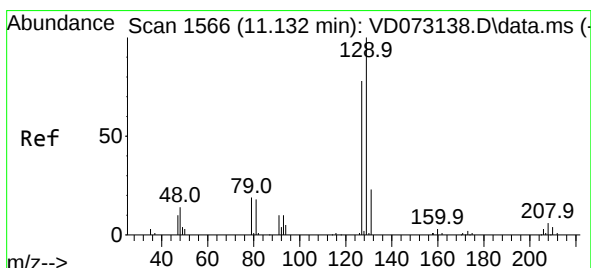
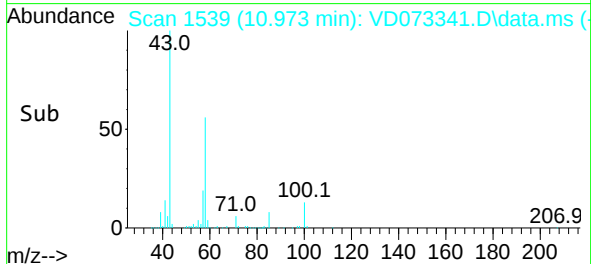
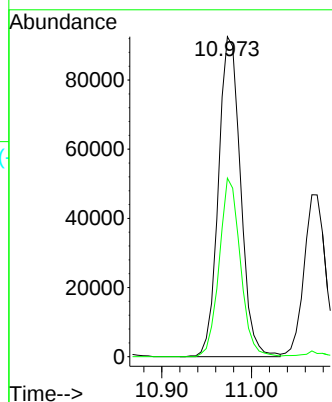
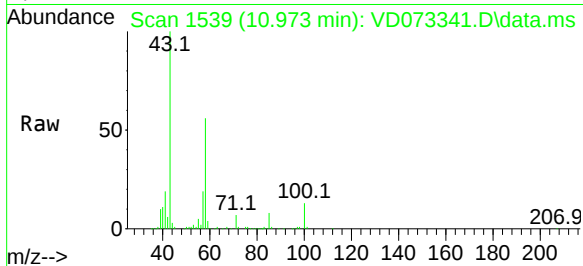




#59
2-Hexanone
Concen: 119.763 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

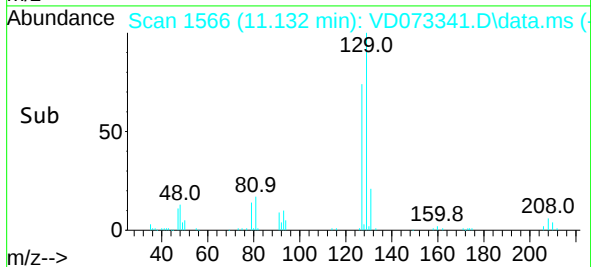
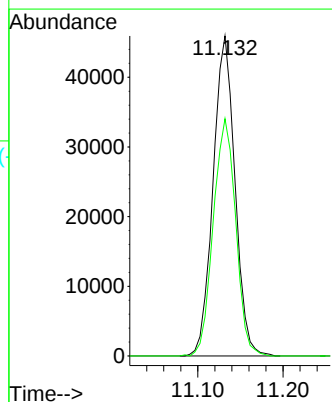
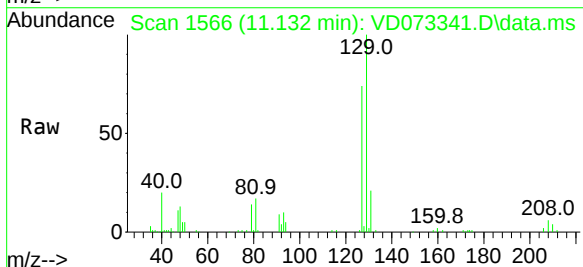
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

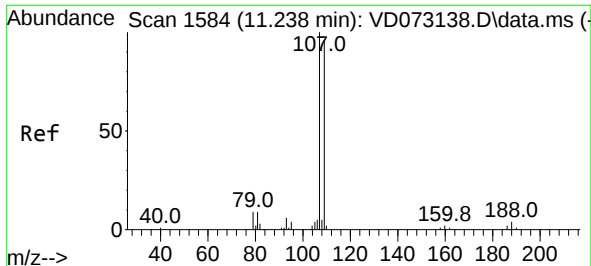
Tgt Ion: 43 Resp: 158583
Ion Ratio Lower Upper
43 100
58 53.2 25.3 75.9



#60
Dibromochloromethane
Concen: 22.984 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 129 Resp: 81826
Ion Ratio Lower Upper
129 100
127 76.1 39.2 117.6

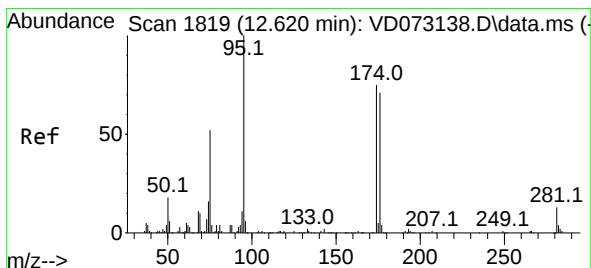
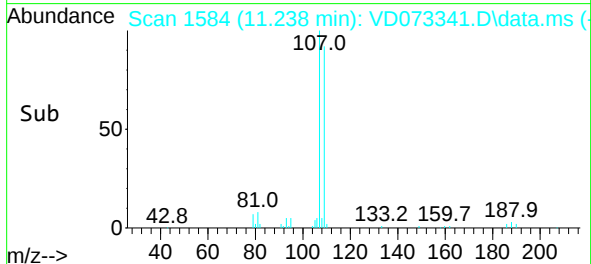
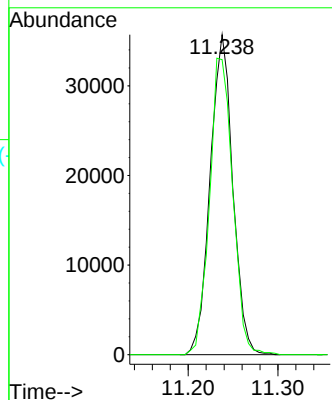
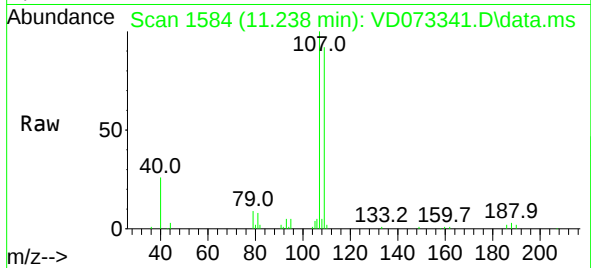




#61
1,2-Dibromoethane
Concen: 22.925 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

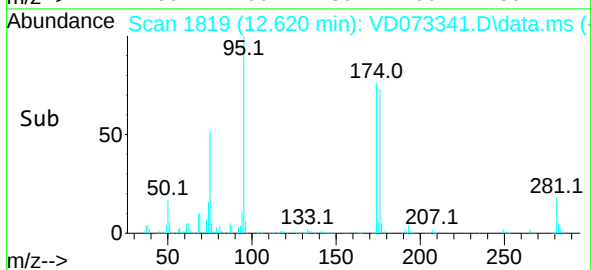
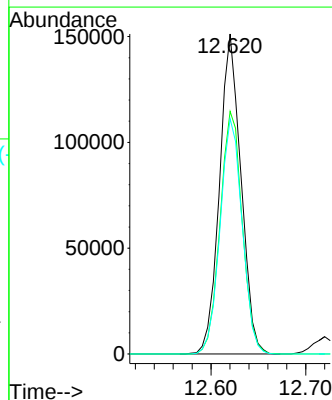
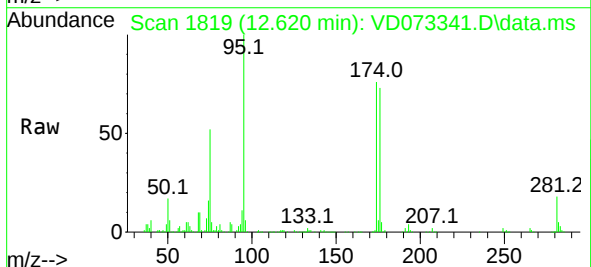
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

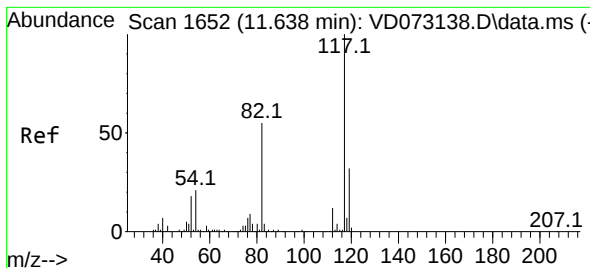
Tgt Ion:107 Resp: 62544
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.293 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 95 Resp: 238238
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 75.4 0.0 145.4

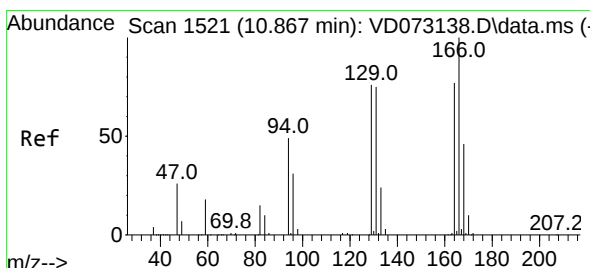
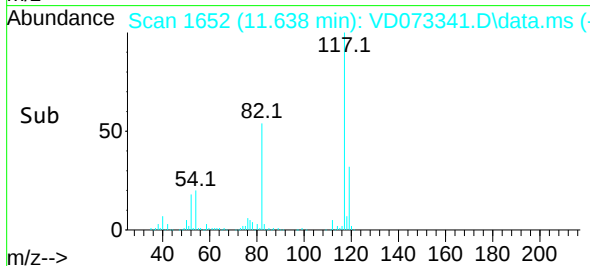
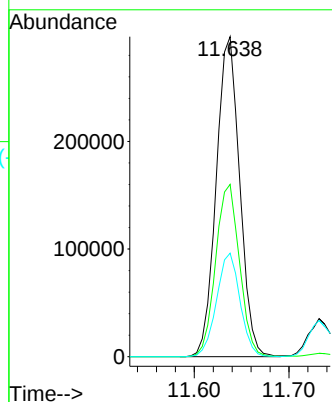
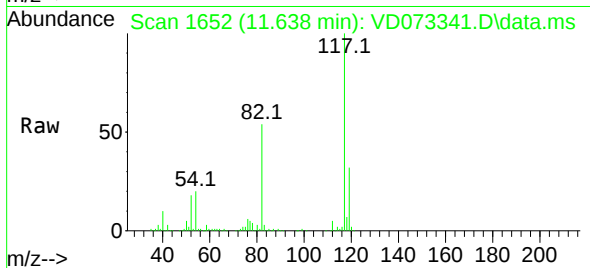




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

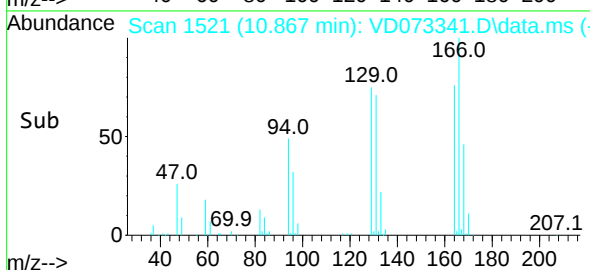
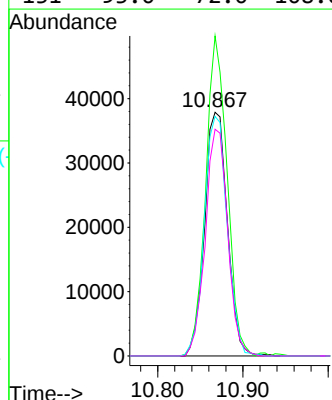
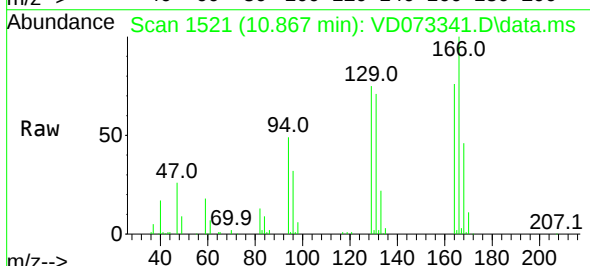
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

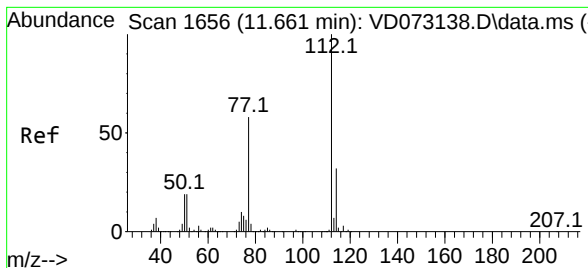
Tgt Ion:117 Resp: 512816
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 20.997 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion:164 Resp: 70525
Ion Ratio Lower Upper
164 100
166 131.3 98.5 147.7
129 98.3 74.6 111.8
131 93.0 72.0 108.0

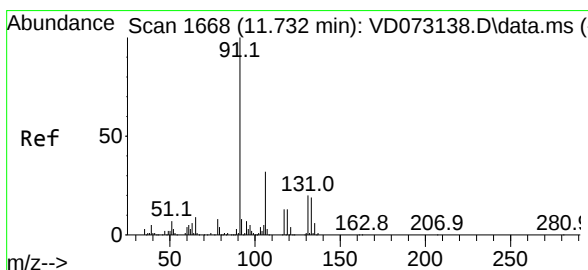
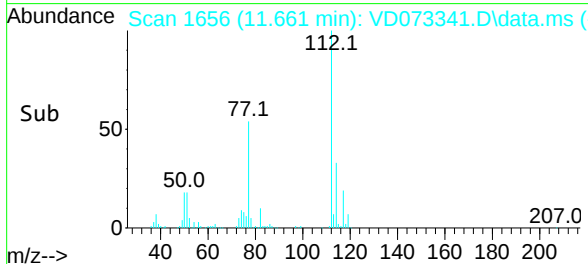
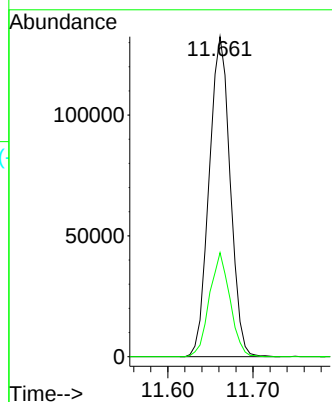
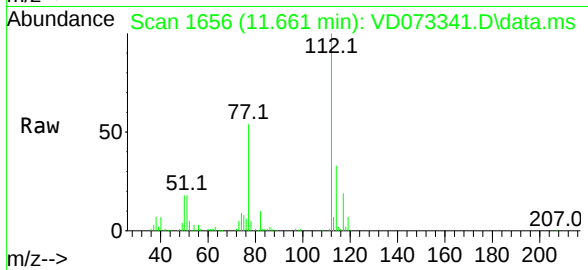




#65
Chlorobenzene
Concen: 21.622 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

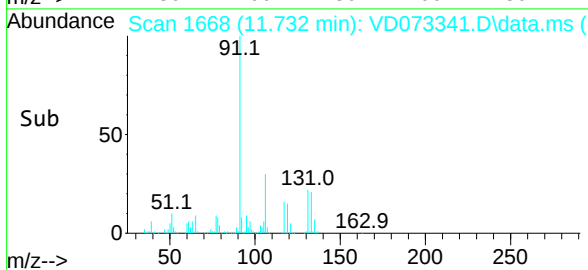
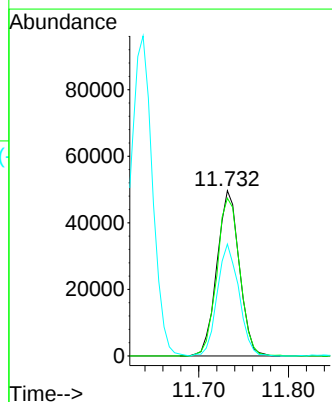
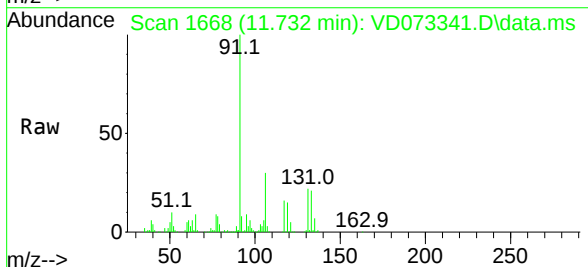
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

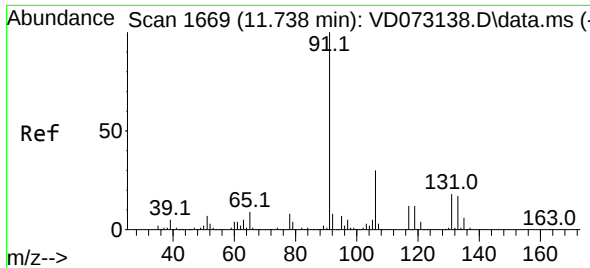
Tgt Ion:112 Resp: 227465
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.054 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion:131 Resp: 86046
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 65.5 31.9 95.9

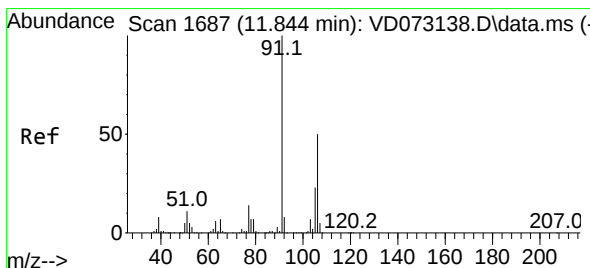
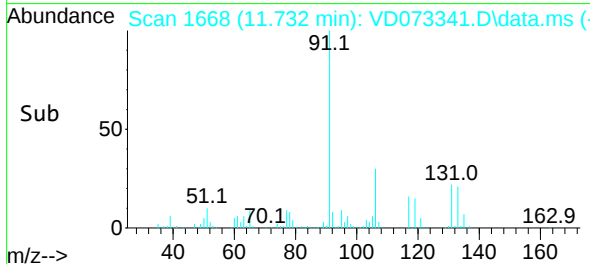
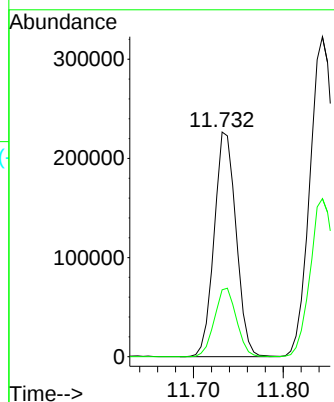
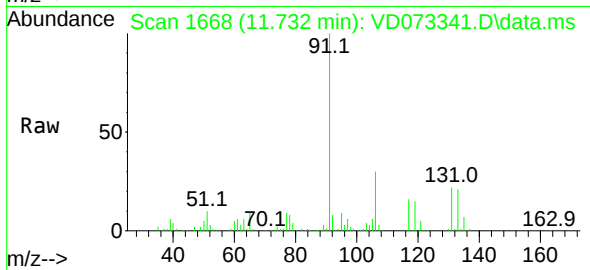




#67
Ethyl Benzene
Concen: 20.826 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

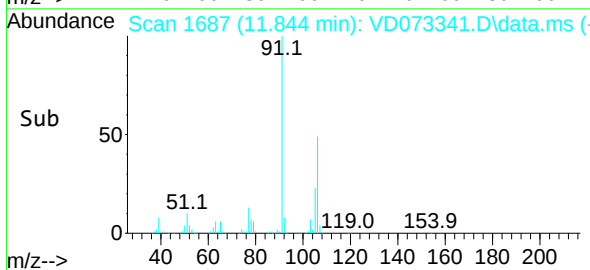
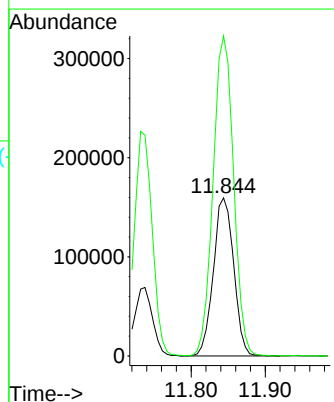
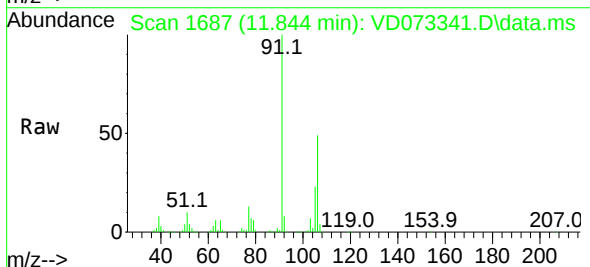
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

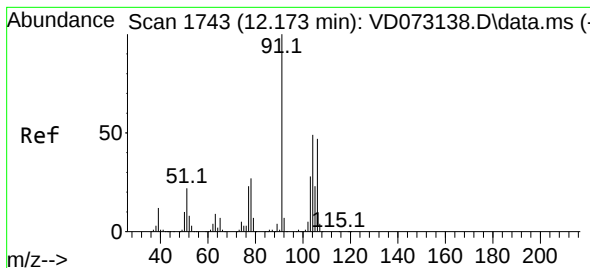
Tgt Ion: 91 Resp: 384610
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



#68
m/p-Xylenes
Concen: 42.336 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 106 Resp: 303766
Ion Ratio Lower Upper
106 100
91 203.7 163.7 245.5





#69

o-Xylene

Concen: 20.753 ug/l

RT: 12.167 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

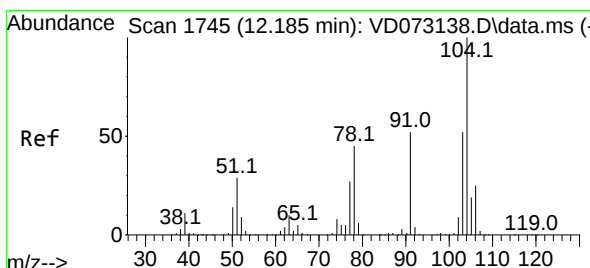
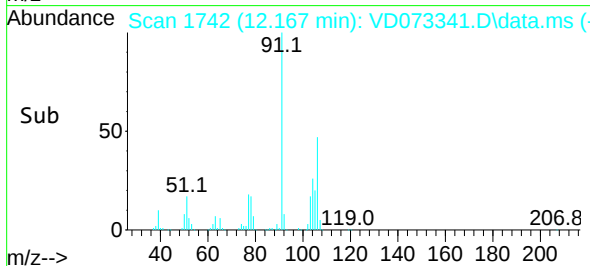
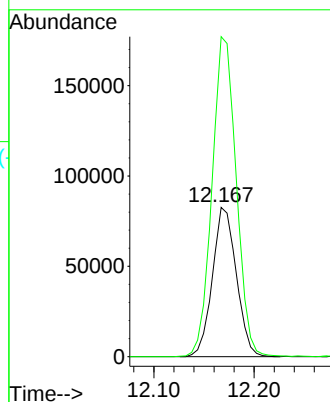
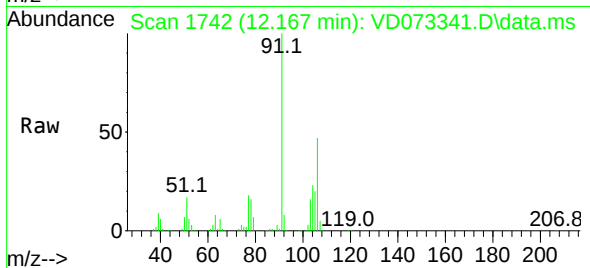
VD0524SBSD02

Tgt Ion:106 Resp: 136792

Ion Ratio Lower Upper

106 100

91 217.3 110.4 331.2



#70

Styrene

Concen: 21.730 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

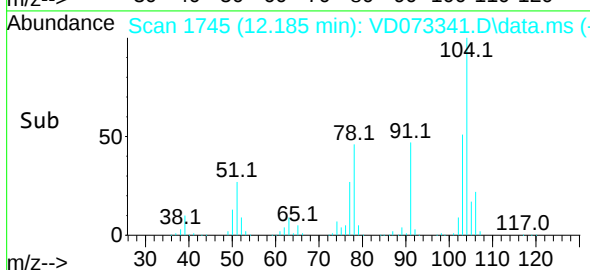
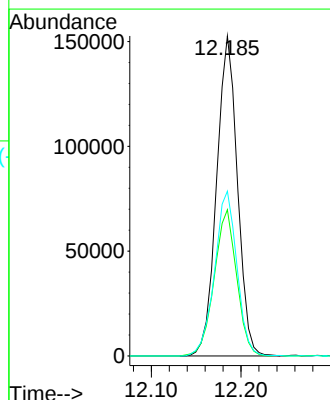
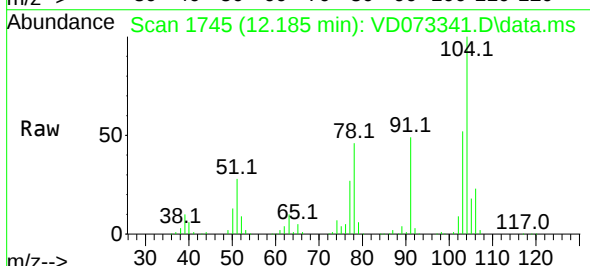
Tgt Ion:104 Resp: 246427

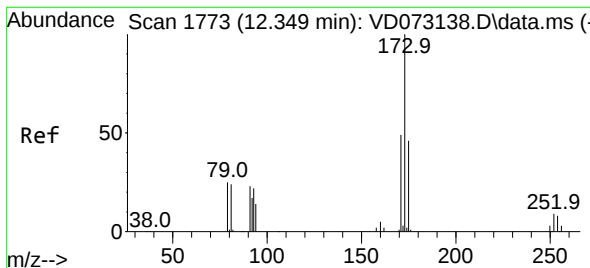
Ion Ratio Lower Upper

104 100

78 49.3 41.8 62.8

103 55.1 44.2 66.4





#71

Bromoform

Concen: 23.365 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD02

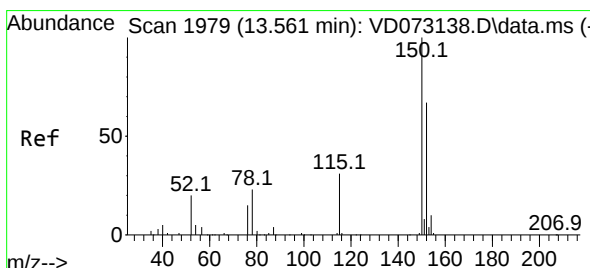
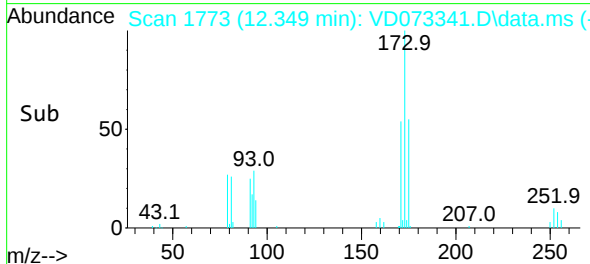
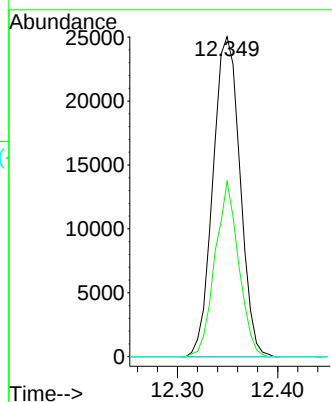
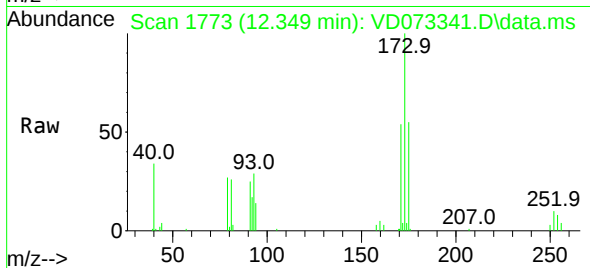
Tgt Ion:173 Resp: 46919

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

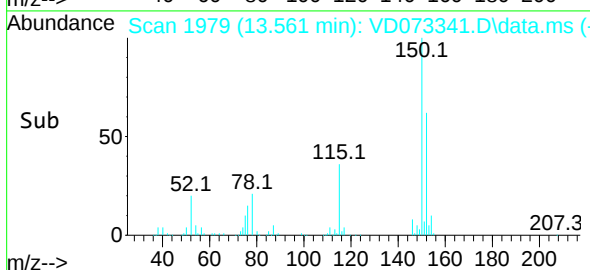
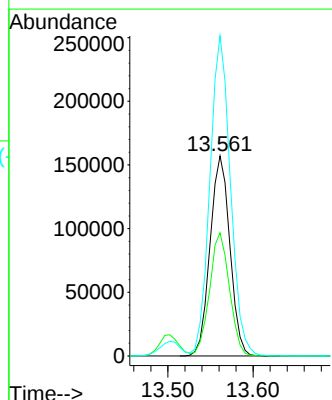
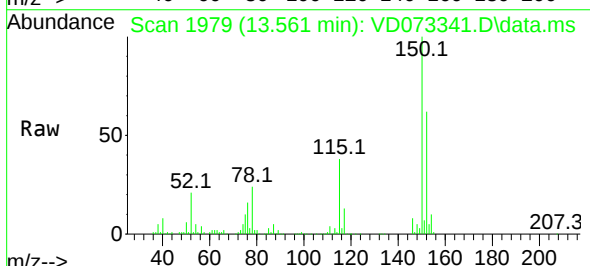
Tgt Ion:152 Resp: 253469

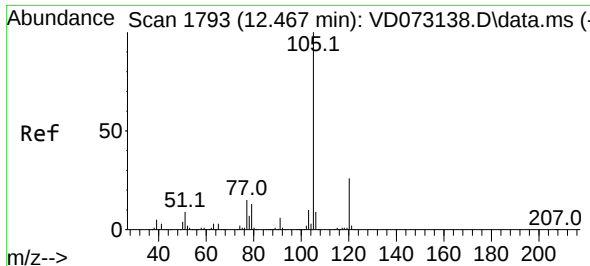
Ion Ratio Lower Upper

152 100

115 61.9 31.3 93.8

150 165.7 0.0 348.6

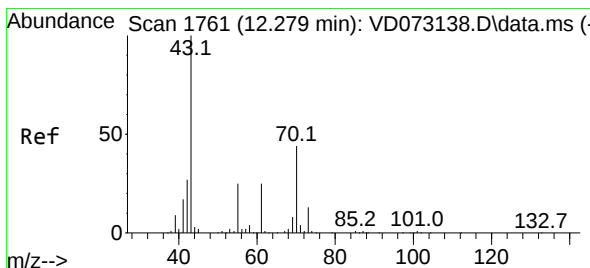
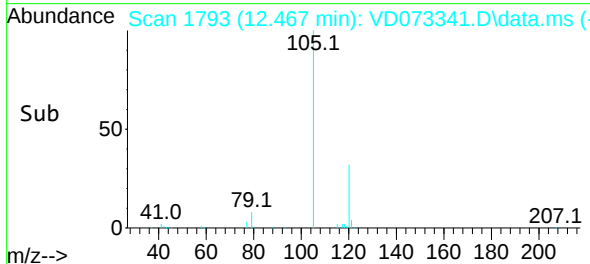
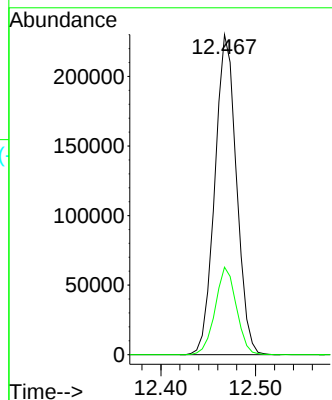
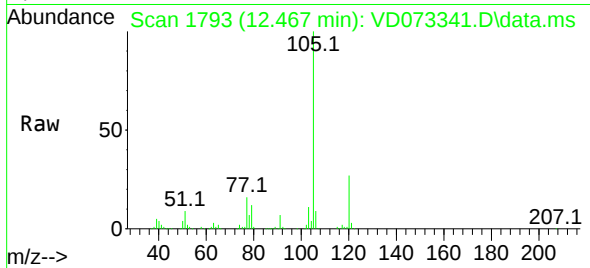




#73
Isopropylbenzene
Concen: 20.190 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

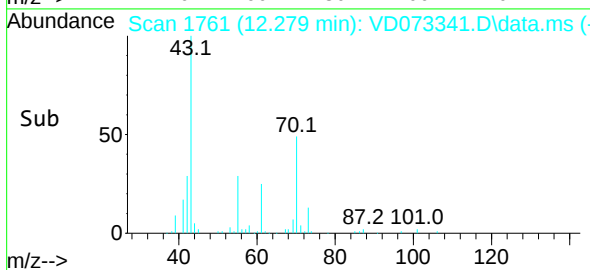
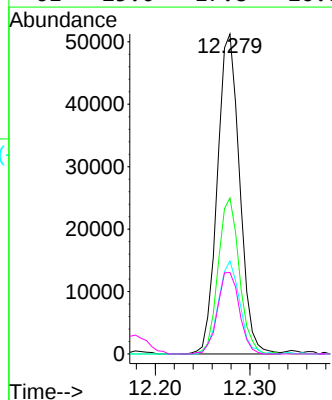
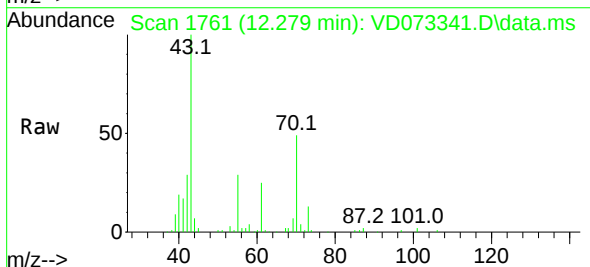
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

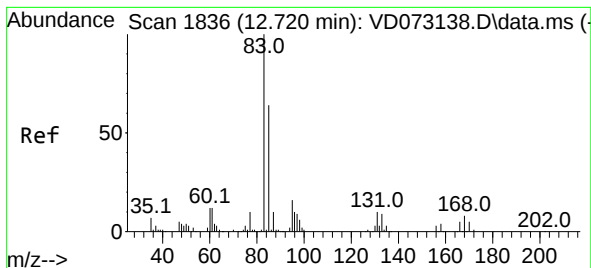
Tgt Ion:105 Resp: 364833
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 21.288 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 43 Resp: 83916
Ion Ratio Lower Upper
43 100
70 46.1 31.3 46.9
55 27.9 20.0 30.0
61 25.0 17.8 26.8

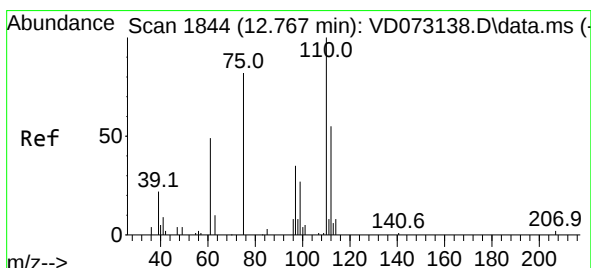
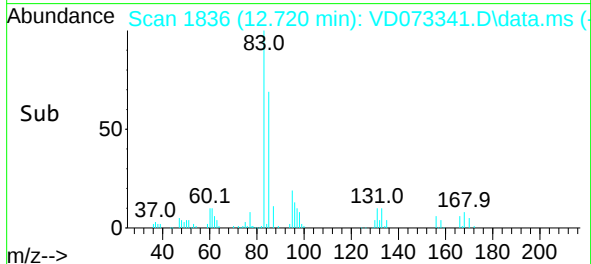
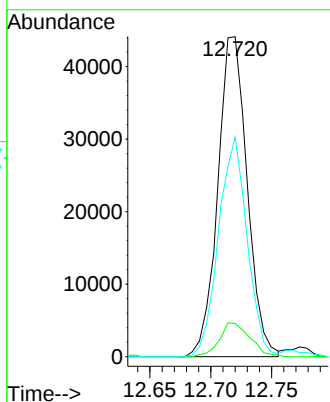
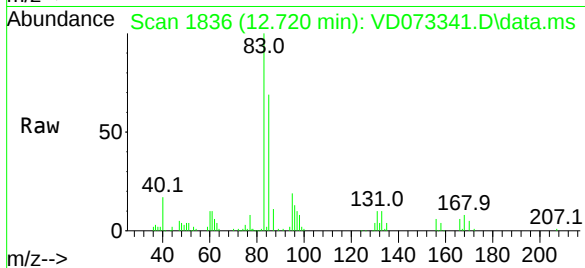




#75
1,1,2,2-Tetrachloroethane
Concen: 22.253 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

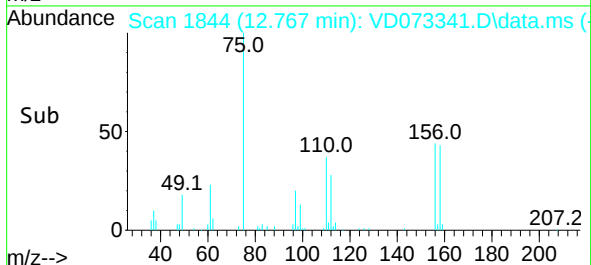
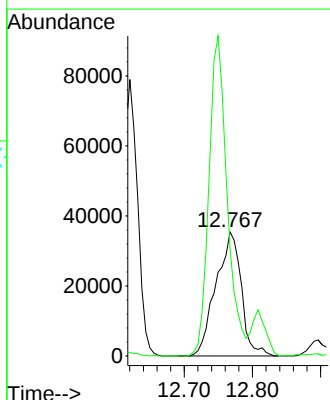
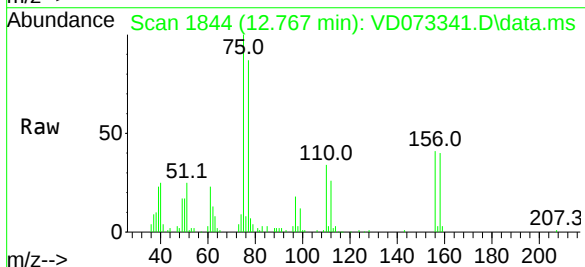
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

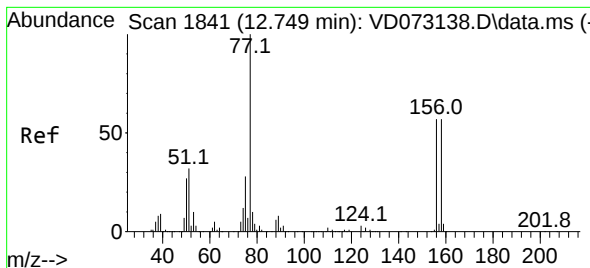
Tgt Ion: 83 Resp: 74161
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 66.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 36.776 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 75 Resp: 91460
Ion Ratio Lower Upper
75 100
77 186.3 0.0 0.0#





#77

Bromobenzene

Concen: 21.351 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBSD02

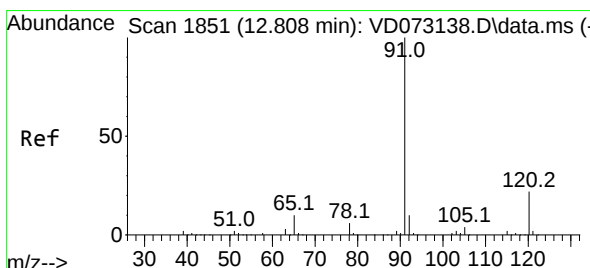
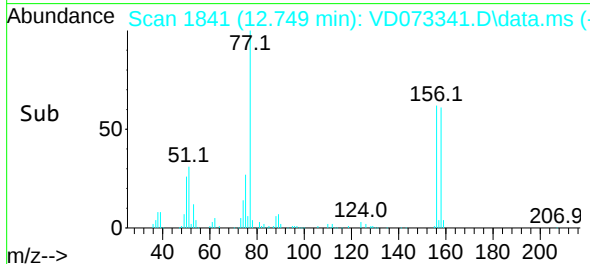
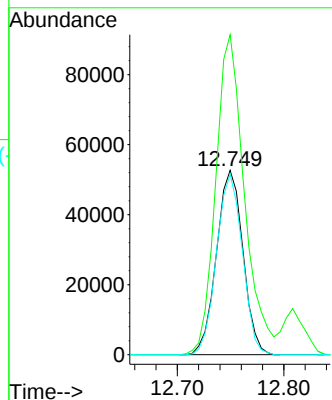
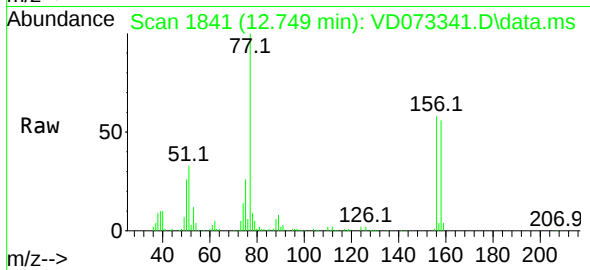
Tgt Ion:156 Resp: 90820

Ion Ratio Lower Upper

156 100

77 187.6 102.8 308.3

158 95.6 48.7 146.1



#78

n-propylbenzene

Concen: 20.335 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073341.D

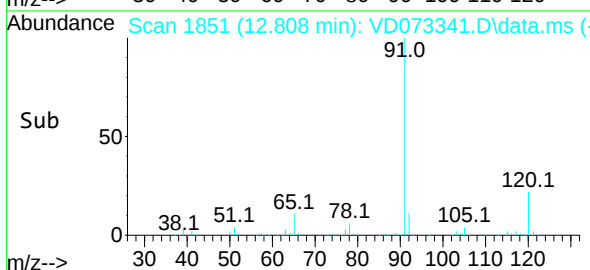
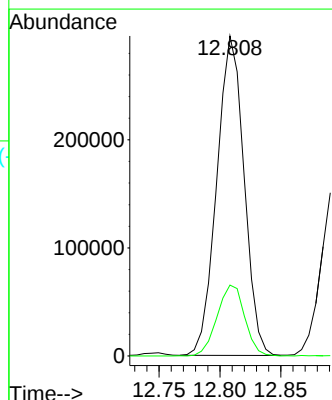
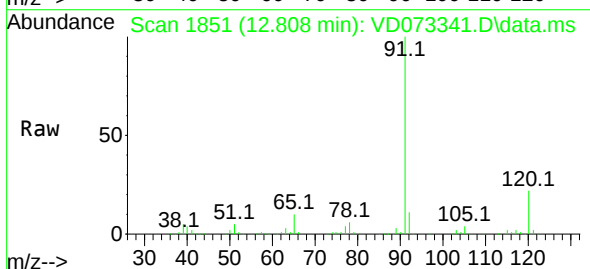
Acq: 25 May 2022 00:25

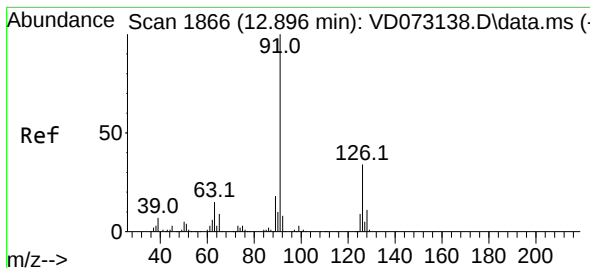
Tgt Ion: 91 Resp: 461310

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 21.038 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

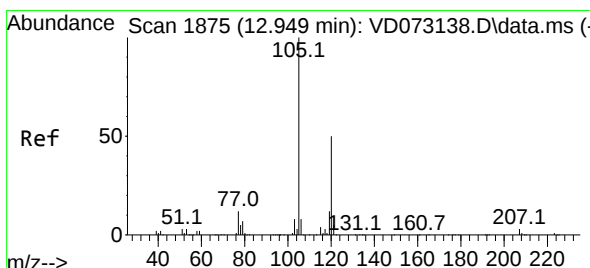
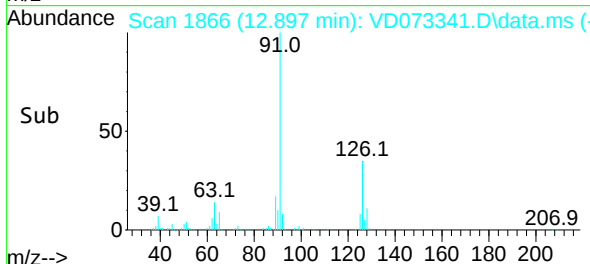
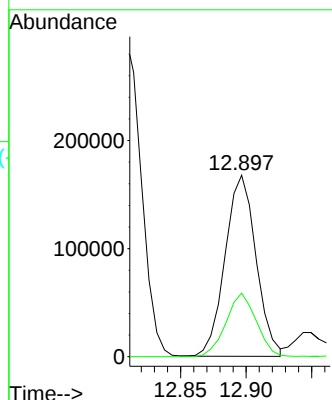
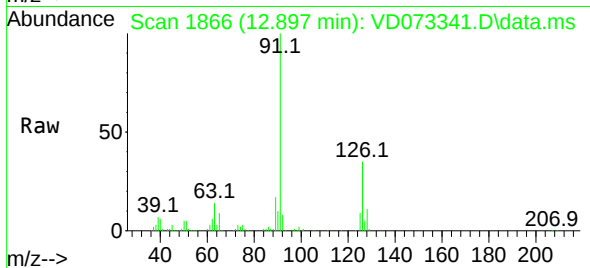
VD0524SBS02

Tgt Ion: 91 Resp: 275554

Ion Ratio Lower Upper

91 100

126 34.4 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 20.758 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073341.D

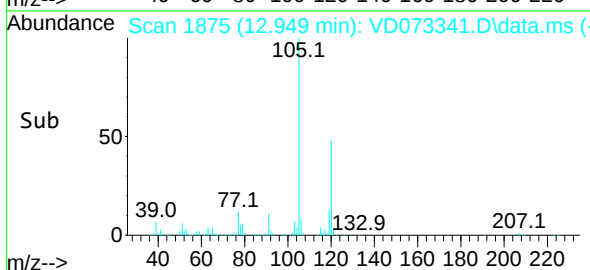
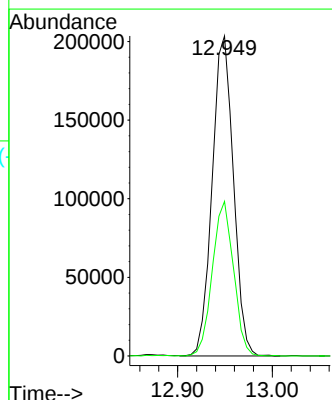
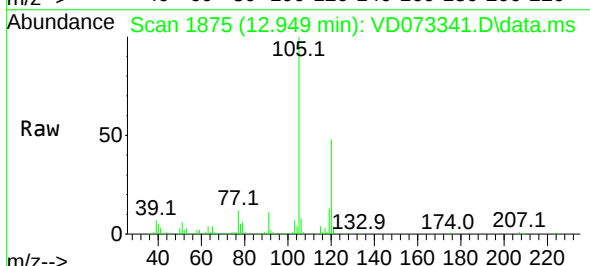
Acq: 25 May 2022 00:25

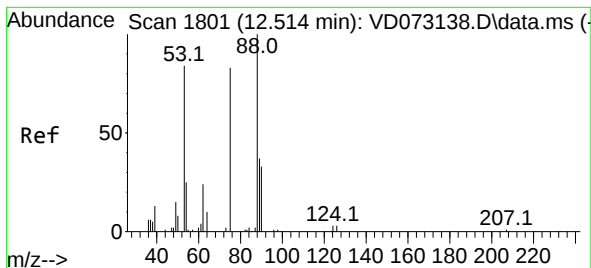
Tgt Ion: 105 Resp: 317744

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8

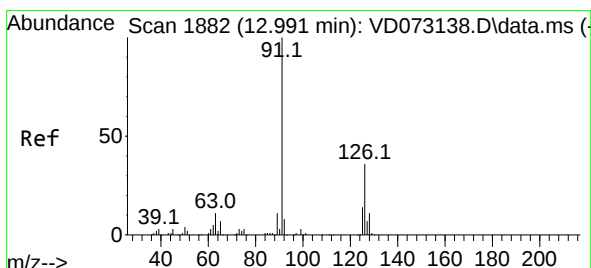
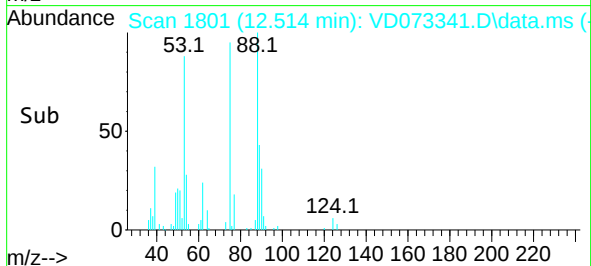
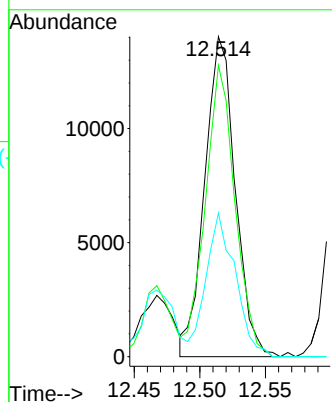
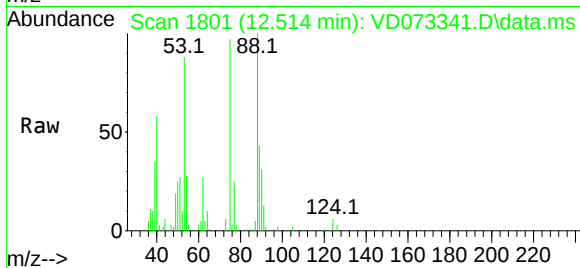




#81
trans-1,4-Dichloro-2-butene
Concen: 21.872 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

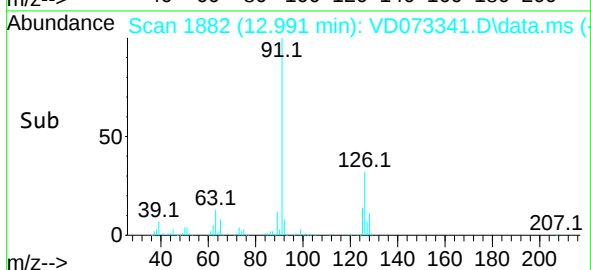
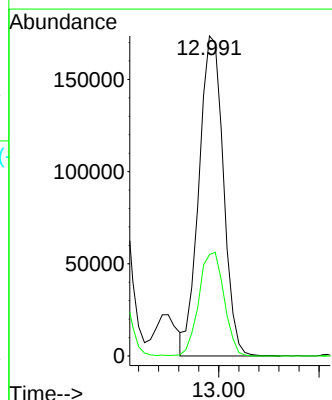
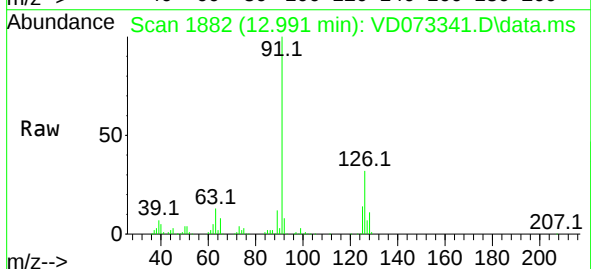
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

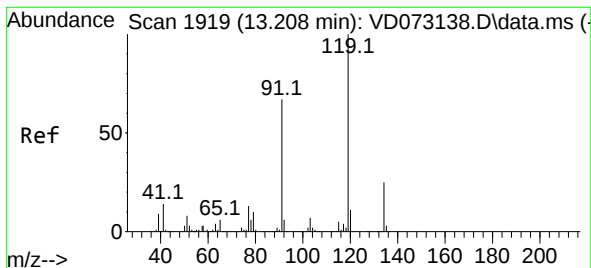
Tgt Ion: 75 Resp: 22658
Ion Ratio Lower Upper
75 100
53 89.1 86.5 129.7
89 43.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 21.360 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 91 Resp: 293248
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5





#83

tert-Butylbenzene

Concen: 20.222 ug/l

RT: 13.214 min Scan# 1919

Delta R.T. 0.006 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

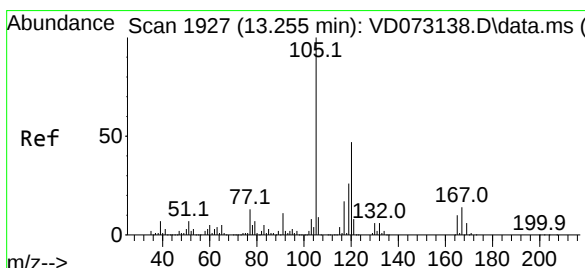
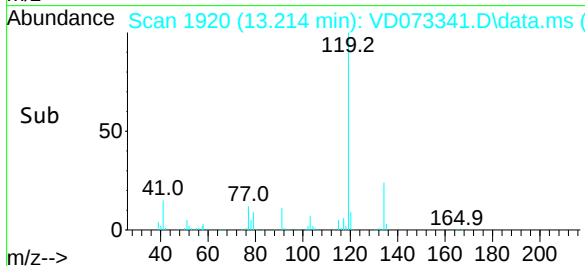
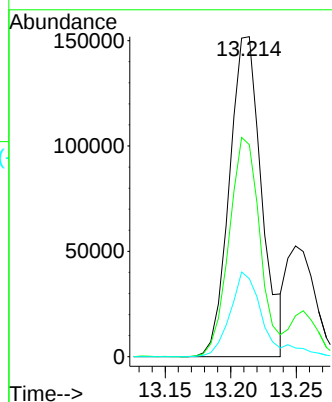
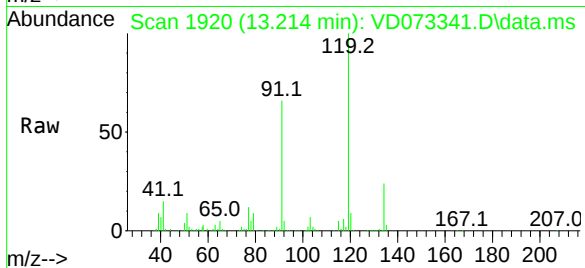
Tgt Ion:119 Resp: 260869

Ion Ratio Lower Upper

119 100

91 65.5 34.8 104.5

134 27.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 21.023 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073341.D

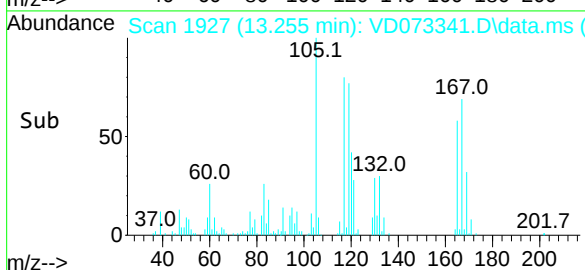
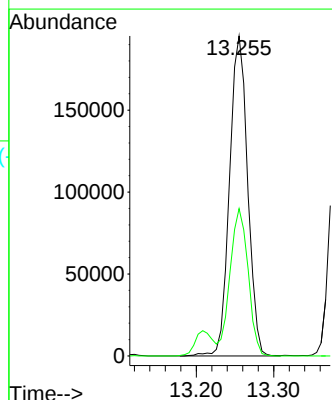
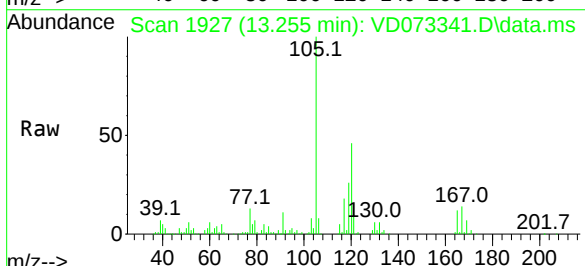
Acq: 25 May 2022 00:25

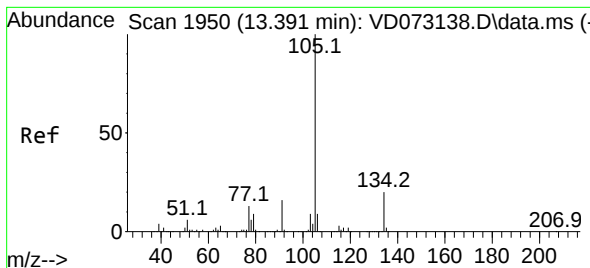
Tgt Ion:105 Resp: 317902

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.221 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

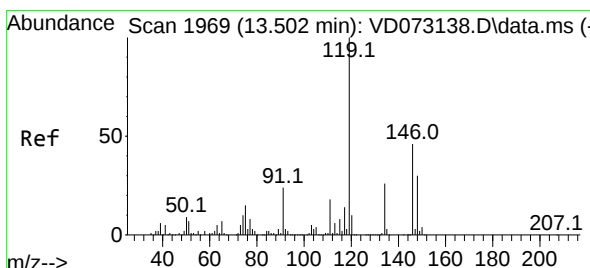
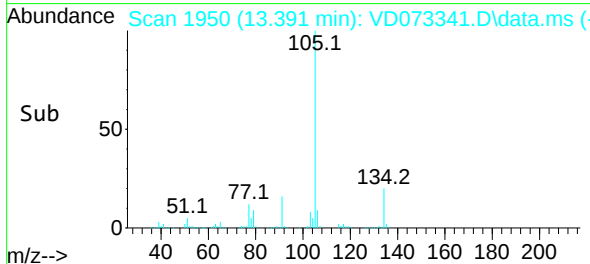
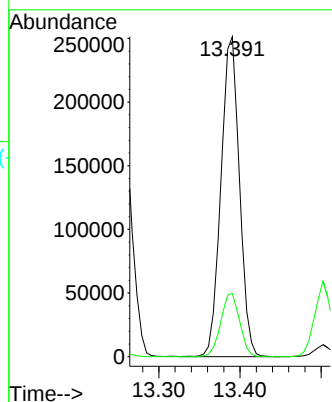
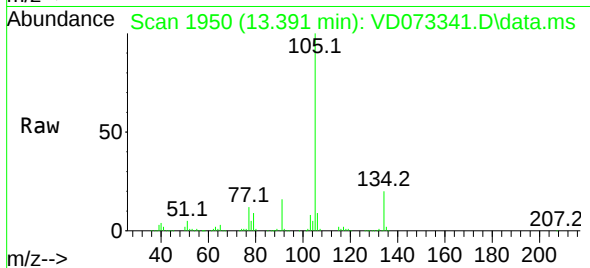
VD0524SBSD02

Tgt Ion:105 Resp: 398311

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.542 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

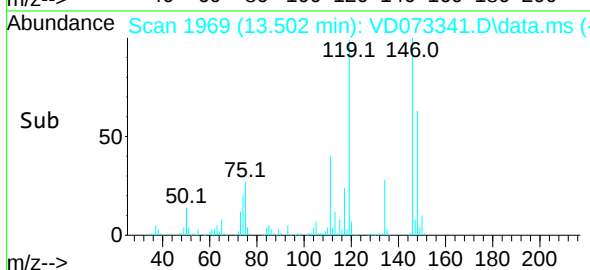
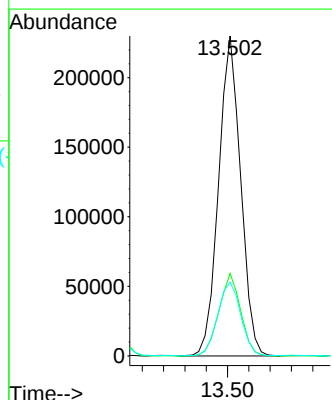
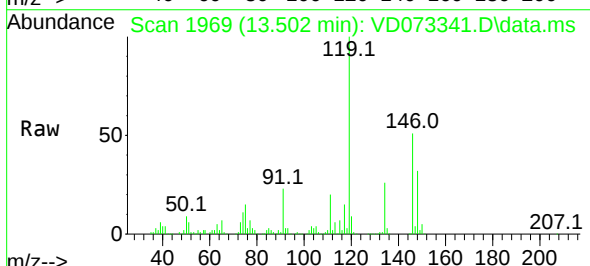
Tgt Ion:119 Resp: 329841

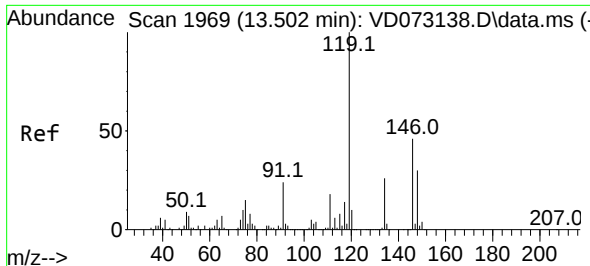
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 24.3 12.1 36.3

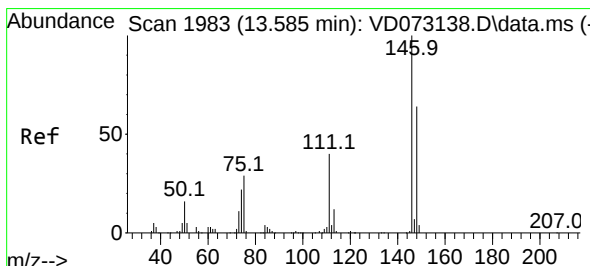
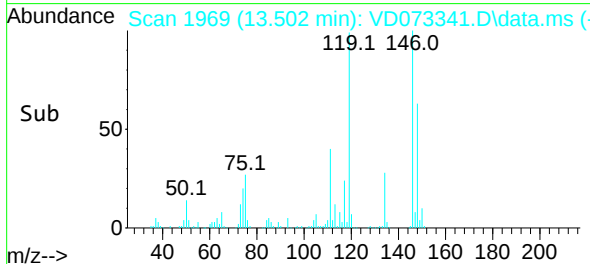
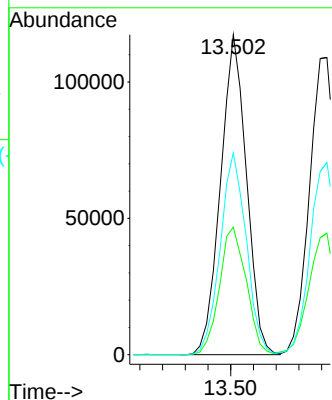
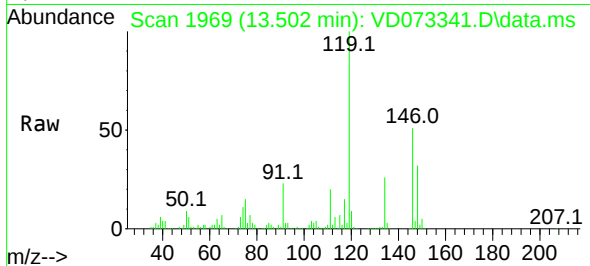




#87
1,3-Dichlorobenzene
Concen: 21.710 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

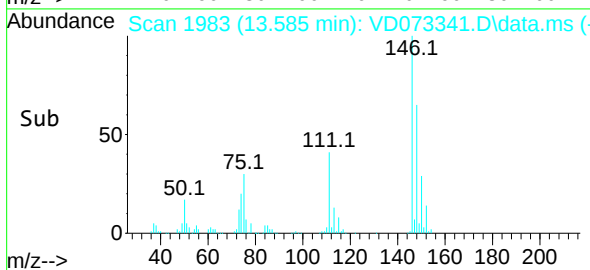
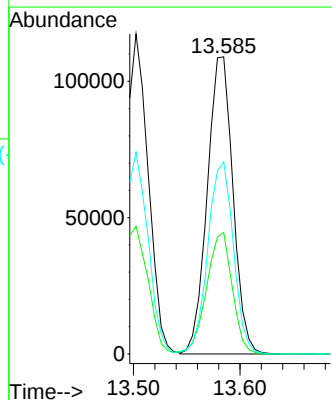
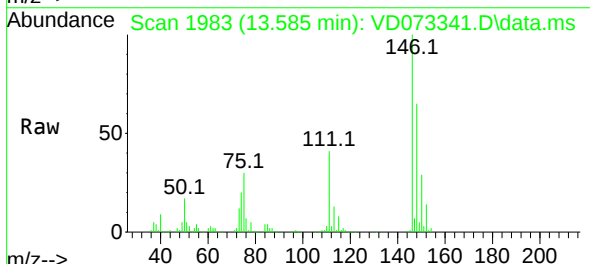
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

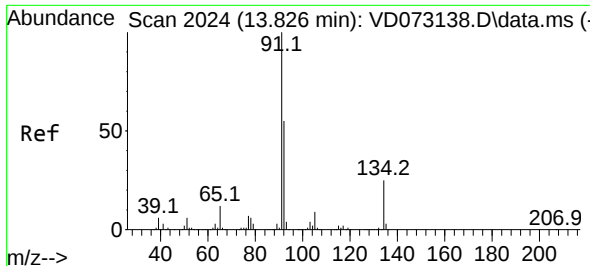
Tgt Ion:146 Resp: 186134
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.3
148 63.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 21.134 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion:146 Resp: 182910
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 64.4 31.7 95.1

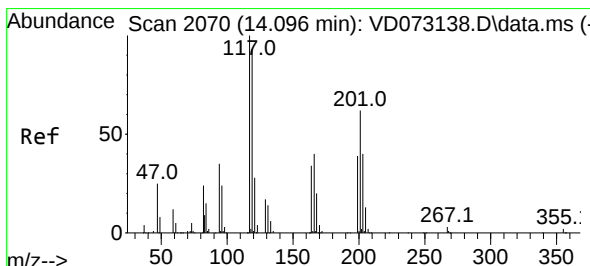
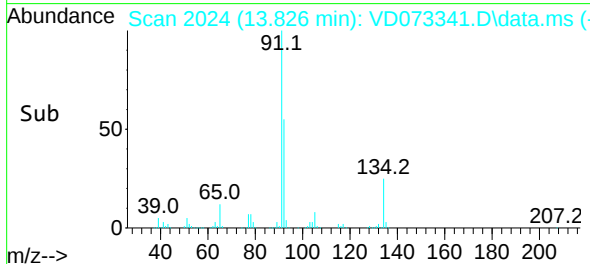
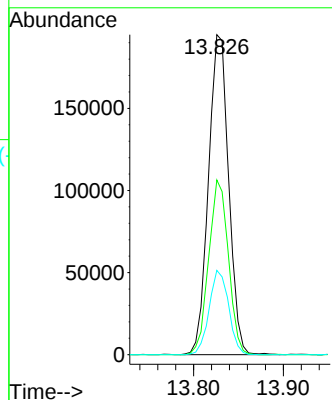
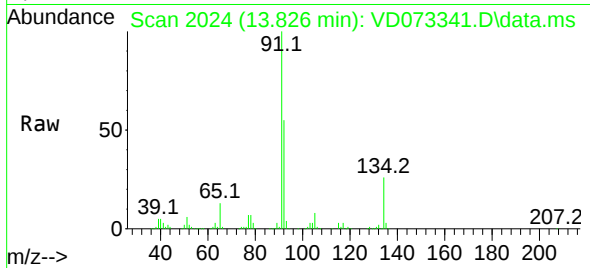




#89
n-Butylbenzene
Concen: 19.907 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

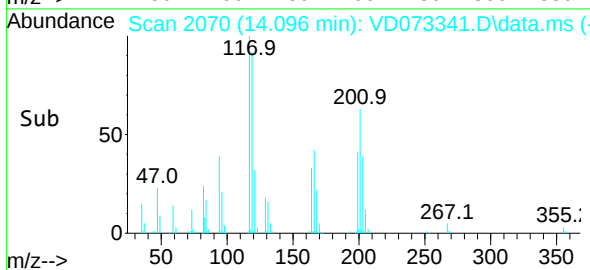
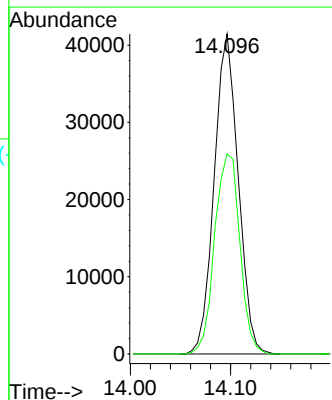
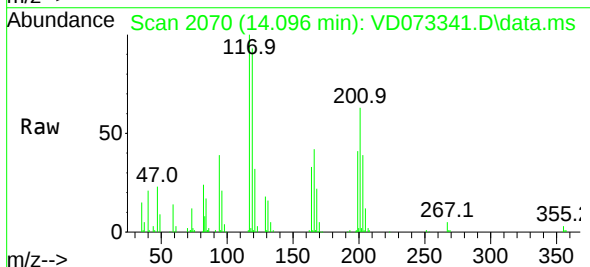
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

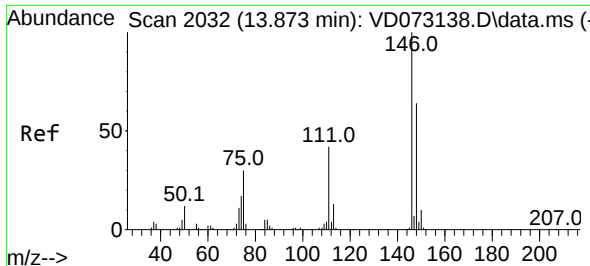
Tgt Ion: 91 Resp: 304566
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 25.4 12.3 36.9



#90
Hexachloroethane
Concen: 20.756 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion: 117 Resp: 68962
Ion Ratio Lower Upper
117 100
201 65.5 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 21.379 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

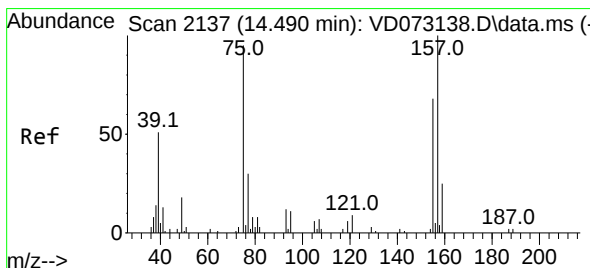
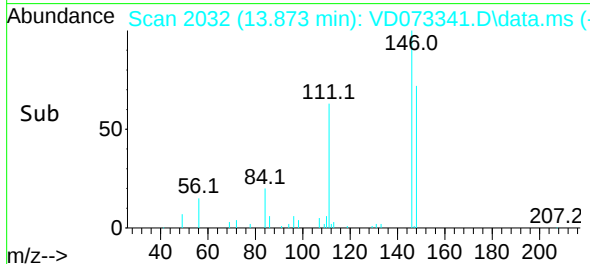
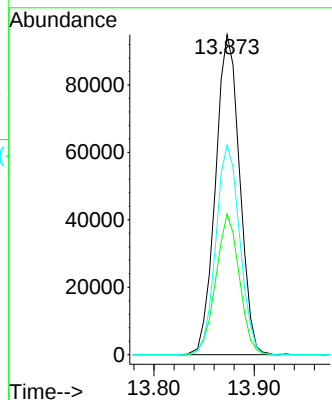
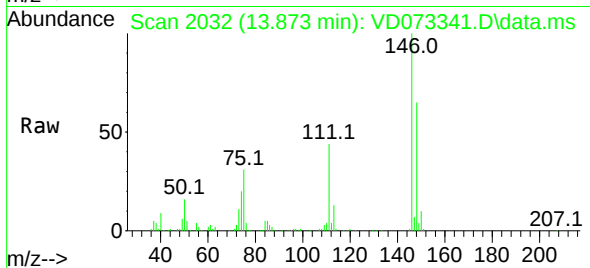
Tgt Ion:146 Resp: 158592

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.3

148 64.8 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.571 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.005 min

Lab File: VD073341.D

Acq: 25 May 2022 00:25

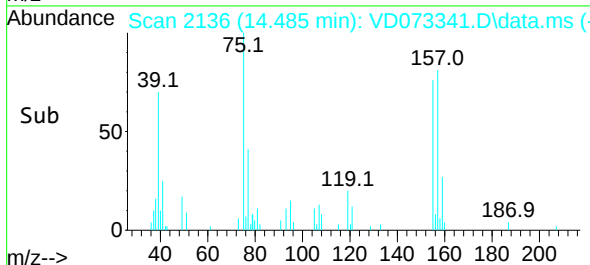
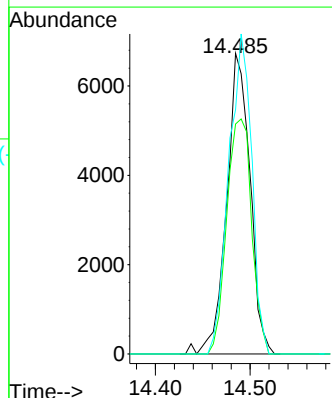
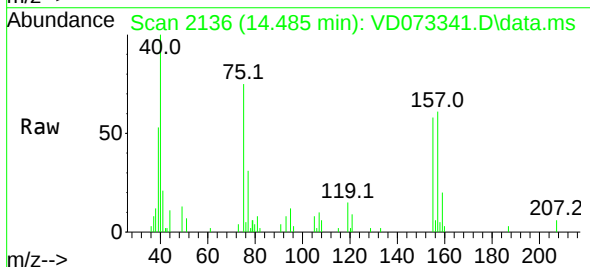
Tgt Ion: 75 Resp: 11519

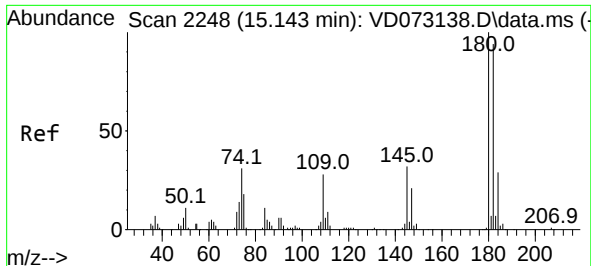
Ion Ratio Lower Upper

75 100

155 83.3 36.8 110.3

157 104.2 48.4 145.0

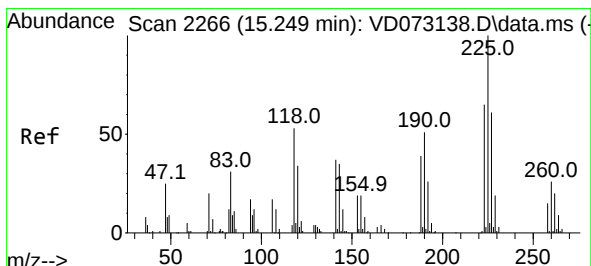
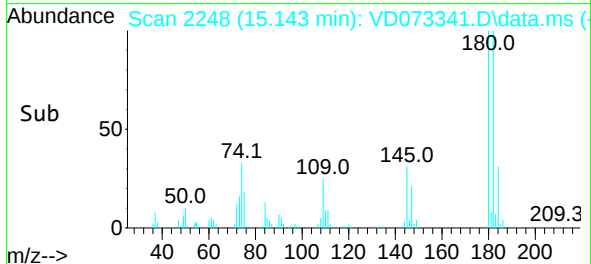
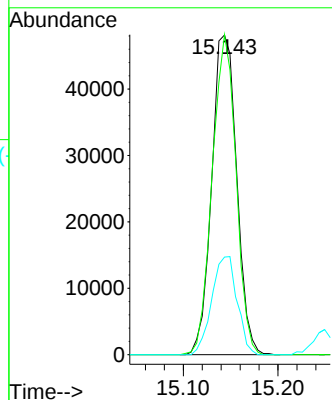
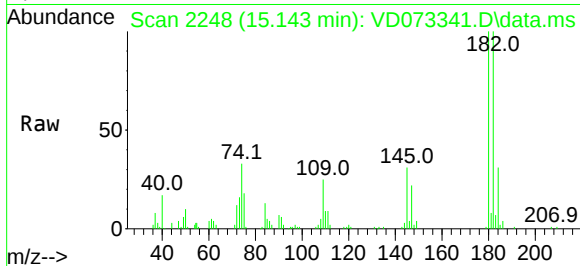




#93
1,2,4-Trichlorobenzene
Concen: 20.959 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

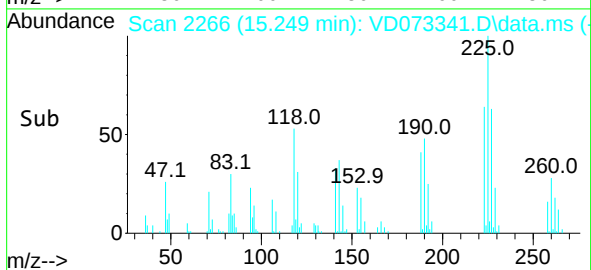
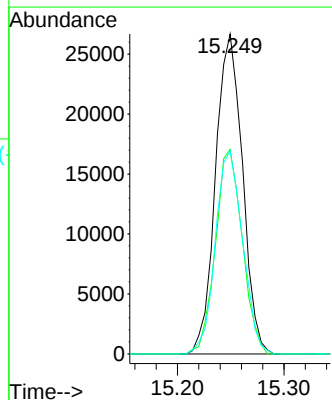
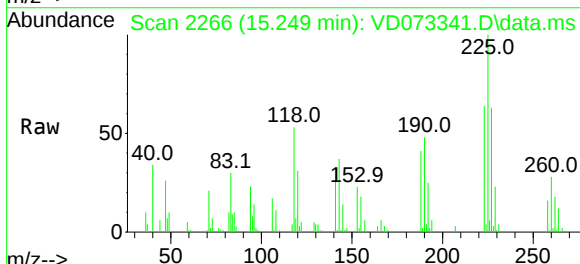
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

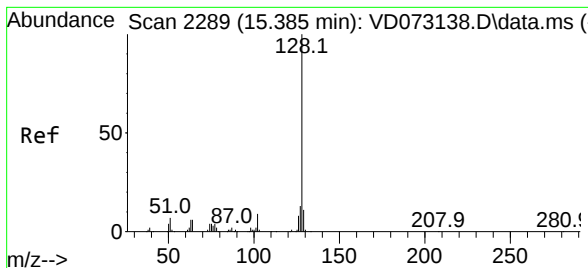
Tgt Ion:180 Resp: 88269
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 31.1 16.2 48.5



#94
Hexachlorobutadiene
Concen: 19.725 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion:225 Resp: 46812
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.2
227 64.3 32.4 97.0

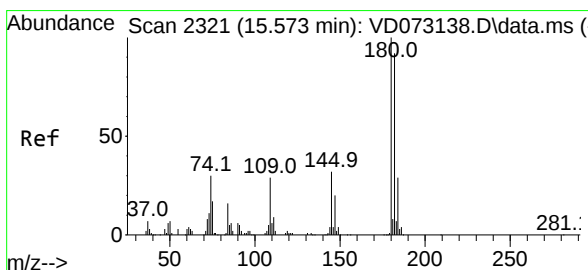
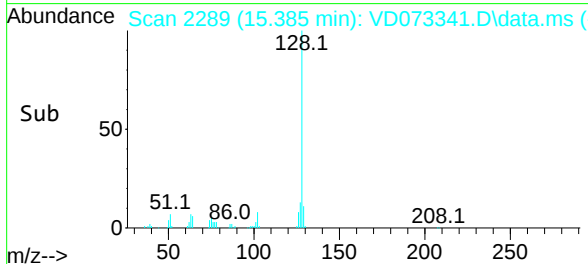
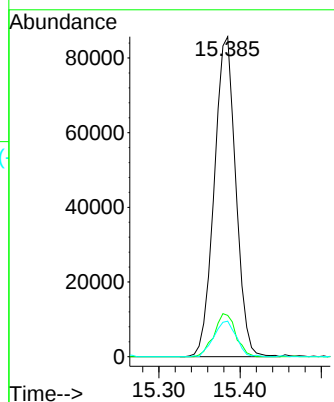
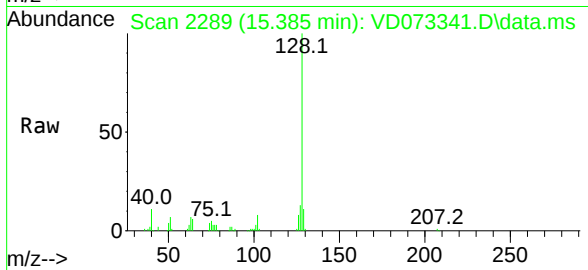




#95
Naphthalene
Concen: 21.243 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD02

Tgt Ion:128 Resp: 158018
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 21.699 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073341.D
Acq: 25 May 2022 00:25

Tgt Ion:180 Resp: 81017
Ion Ratio Lower Upper
180 100
182 92.5 47.6 142.9
145 33.5 17.1 51.3

