

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
 Data File : VD073964.D
 Acq On : 05 Aug 2022 13:58
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 06 00:10:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:09:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	146598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	245076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	226235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8466	6.149	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.300%#
35) Dibromofluoromethane	7.909	113	8387	5.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.100%#
50) Toluene-d8	10.326	98	27565	5.742	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.480%#
62) 4-Bromofluorobenzene	12.614	95	10980	5.457	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	9563	6.330	ug/l	82
3) Chloromethane	2.209	50	11549	5.376	ug/l	94
4) Vinyl Chloride	2.344	62	14469	5.002	ug/l	99
5) Bromomethane	2.762	94	11625	5.791	ug/l	92
6) Chloroethane	2.915	64	10849	5.366	ug/l	98
7) Trichlorofluoromethane	3.262	101	15514	5.554	ug/l #	82
8) Diethyl Ether	3.703	74	3537	5.439	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	8104	5.167	ug/l	98
10) Methyl Iodide	4.285	142	6416	4.156	ug/l #	89
11) Tert butyl alcohol	5.203	59	3176	24.988	ug/l #	86
12) 1,1-Dichloroethene	4.056	96	7360	5.308	ug/l	92
13) Acrolein	3.921	56	607	8.859	ug/l #	42
14) Allyl chloride	4.703	41	9523	5.174	ug/l	98
15) Acrylonitrile	5.426	53	7289	26.226	ug/l	99
16) Acetone	4.156	43	8306	33.223	ug/l	96
17) Carbon Disulfide	4.397	76	20168	4.636	ug/l	97
18) Methyl Acetate	4.709	43	6516	8.513	ug/l	91
19) Methyl tert-butyl Ether	5.468	73	15941	4.953	ug/l	93
20) Methylene Chloride	4.956	84	20495	8.397	ug/l	94
21) trans-1,2-Dichloroethene	5.462	96	8451	5.043	ug/l #	90
22) Diisopropyl ether	6.362	45	18473	4.659	ug/l #	83
23) Vinyl Acetate	6.303	43	32016	15.465	ug/l	95
24) 1,1-Dichloroethane	6.250	63	14726	5.394	ug/l #	91
25) 2-Butanone	7.203	43	10516	28.018	ug/l #	84
26) 2,2-Dichloropropane	7.203	77	15222	5.615	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	9474	5.225	ug/l	99
28) Bromochloromethane	7.538	49	5184	5.937	ug/l #	100
29) Tetrahydrofuran	7.556	42	5218	23.537	ug/l	98
30) Chloroform	7.697	83	16475	5.341	ug/l	85
31) Cyclohexane	7.973	56	13805	5.529	ug/l #	81
32) 1,1,1-Trichloroethane	7.897	97	14791	5.038	ug/l	96
36) 1,1-Dichloropropene	8.103	75	11935	5.007	ug/l	96
37) Ethyl Acetate	7.285	43	5335	6.018	ug/l #	88
38) Carbon Tetrachloride	8.091	117	12726	4.794	ug/l	96
39) Methylcyclohexane	9.344	83	12023	4.411	ug/l	88
40) Benzene	8.338	78	31135	4.810	ug/l	99

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 06 00:10:09 2022
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 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:09:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	2308	4.930	ug/l	90
42) 1,2-Dichloroethane	8.414	62	10075	5.130	ug/l	95
43) Isopropyl Acetate	8.444	43	8580	4.953	ug/l	97
44) Trichloroethene	9.108	130	9143	4.907	ug/l	79
45) 1,2-Dichloropropane	9.379	63	7569	4.989	ug/l	91
46) Dibromomethane	9.467	93	5128	5.130	ug/l	94
47) Bromodichloromethane	9.650	83	12424	5.103	ug/l	97
48) Methyl methacrylate	9.444	41	3795	4.791	ug/l	98
49) 1,4-Dioxane	9.461	88	1207	113.726	ug/l #	85
51) 4-Methyl-2-Pentanone	10.214	43	20492	23.778	ug/l	100
52) Toluene	10.391	92	20082	4.690	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	10592	4.833	ug/l	91
54) cis-1,3-Dichloropropene	10.079	75	12212	4.886	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	6284	4.962	ug/l #	90
56) Ethyl methacrylate	10.650	69	6358	4.622	ug/l	94
57) 1,3-Dichloropropane	10.932	76	10174	4.950	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.926	63	12732	24.200	ug/l	96
59) 2-Hexanone	10.973	43	12892	22.585	ug/l	98
60) Dibromochloromethane	11.126	129	8357	4.925	ug/l	99
61) 1,2-Dibromoethane	11.232	107	6159	4.863	ug/l	95
64) Tetrachloroethene	10.861	164	8763	5.521	ug/l #	87
65) Chlorobenzene	11.661	112	22935	5.019	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	8787	5.028	ug/l	99
67) Ethyl Benzene	11.732	91	35779	4.511	ug/l	91
68) m/p-Xylenes	11.844	106	28122	8.746	ug/l	98
69) o-Xylene	12.161	106	12561	4.254	ug/l	92
70) Styrene	12.179	104	20774	4.118	ug/l	94
71) Bromoform	12.344	173	5043	5.050	ug/l #	92
73) Isopropylbenzene	12.467	105	33386	4.508	ug/l	100
74) N-amyl acetate	12.273	43	6734	4.583	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	7162	5.334	ug/l	89
76) 1,2,3-Trichloropropane	12.767	75	8615	9.248	ug/l #	100
77) Bromobenzene	12.744	156	8584	4.920	ug/l	88
78) n-propylbenzene	12.802	91	43327	4.753	ug/l	95
79) 2-Chlorotoluene	12.891	91	24279	4.735	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	28752	4.565	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.508	75	2075	5.222	ug/l	97
82) 4-Chlorotoluene	12.985	91	26848	4.915	ug/l	98
83) tert-Butylbenzene	13.208	119	24167	4.473	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	27874	4.422	ug/l	99
85) sec-Butylbenzene	13.385	105	38024	4.602	ug/l	99
86) p-Isopropyltoluene	13.502	119	32456	4.632	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	18384	5.033	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	19042	5.192	ug/l	94
89) n-Butylbenzene	13.826	91	30092	4.678	ug/l	98
90) Hexachloroethane	14.085	117	6766	4.974	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	15815	5.024	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1171	5.320	ug/l	78
93) 1,2,4-Trichlorobenzene	15.138	180	9601	5.118	ug/l	94
94) Hexachlorobutadiene	15.243	225	4769	4.610	ug/l	77
95) Naphthalene	15.373	128	16317	4.751	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	8577	5.070	ug/l	90

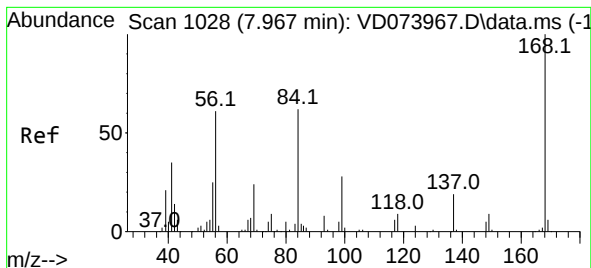
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
Data File : VD073964.D
Acq On : 05 Aug 2022 13:58
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Aug 06 00:10:09 2022
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Quant Title : SW846 8260
QLast Update : Sat Aug 06 00:09:30 2022
Response via : Initial Calibration

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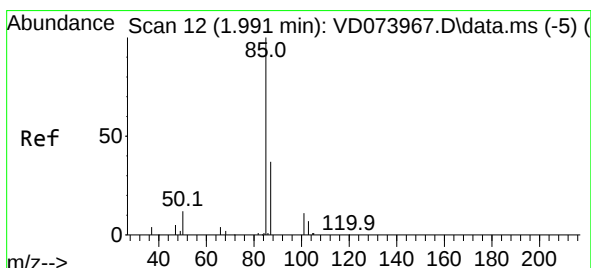
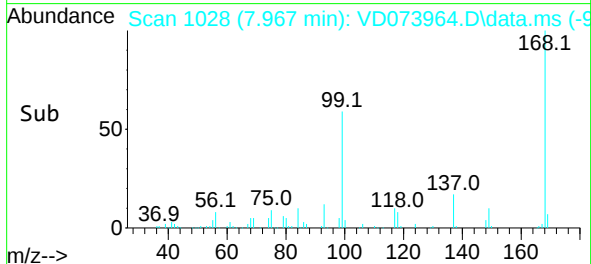
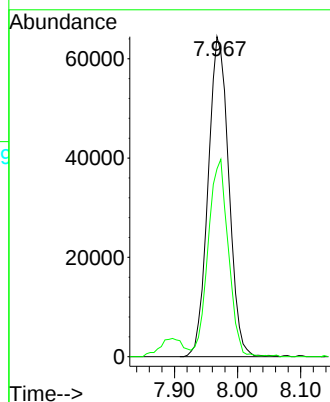
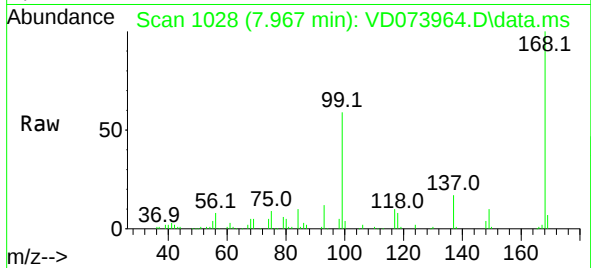
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

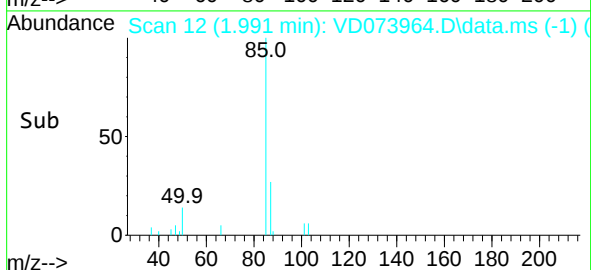
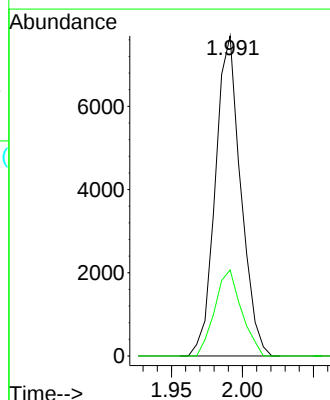
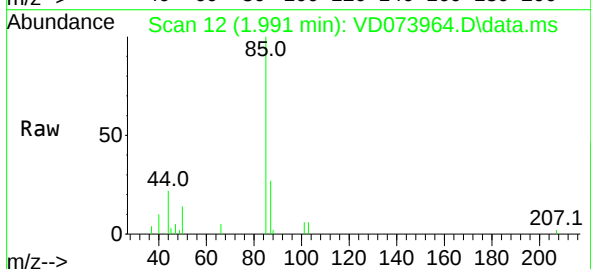
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

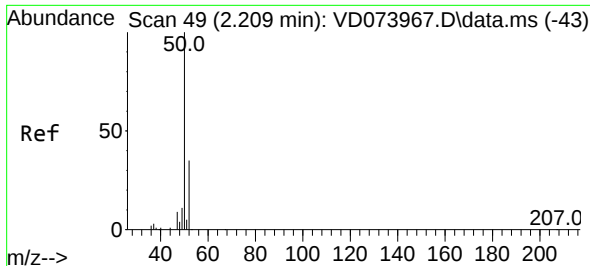
Tgt Ion:168 Resp: 146598
Ion Ratio Lower Upper
168 100
99 58.7 46.2 69.4



#2
Dichlorodifluoromethane
Concen: 6.330 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 85 Resp: 9563
Ion Ratio Lower Upper
85 100
87 26.9 18.7 56.1

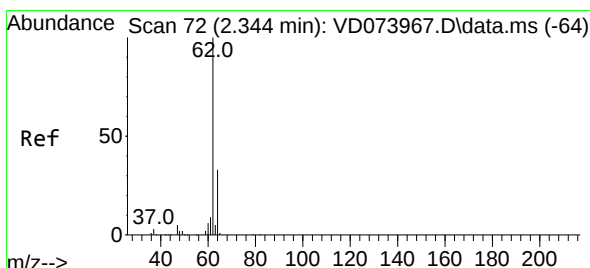
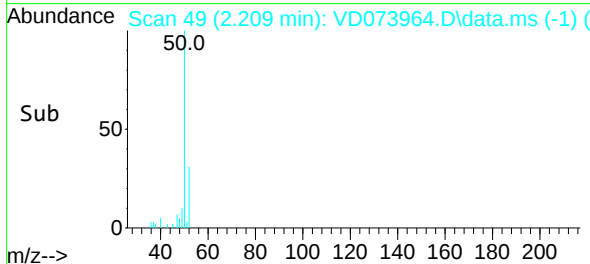
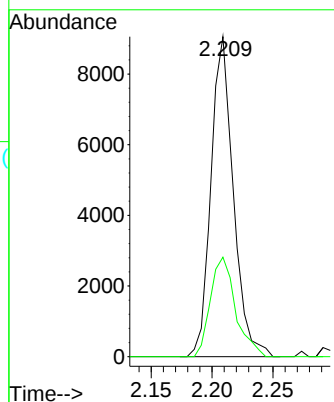
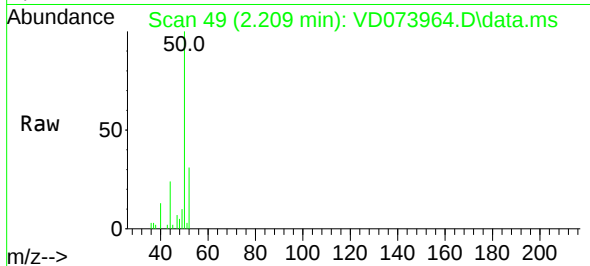




#3
Chloromethane
Concen: 5.376 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

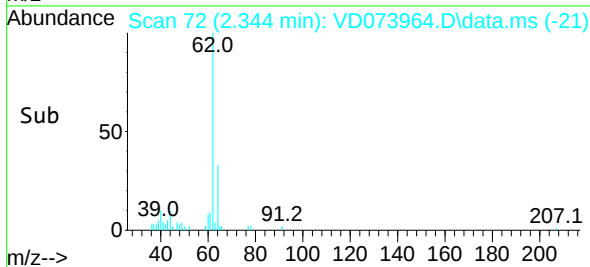
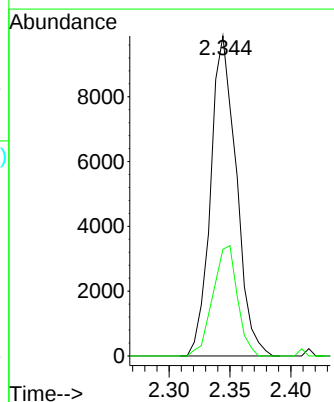
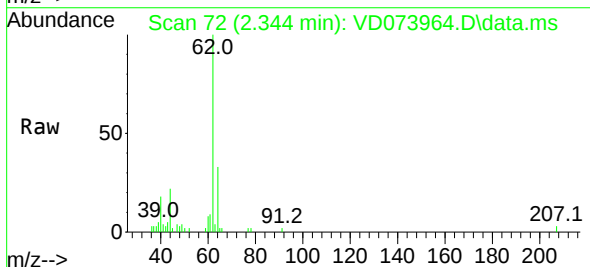
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

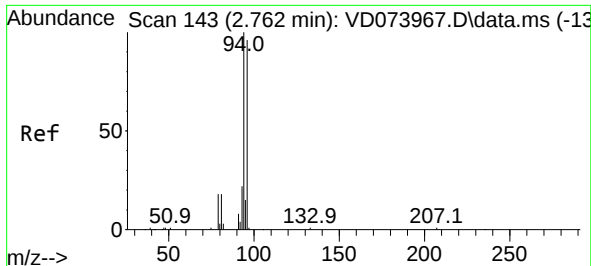
Tgt Ion: 50 Resp: 11549
Ion Ratio Lower Upper
50 100
52 31.1 27.7 41.5



#4
Vinyl Chloride
Concen: 5.002 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 62 Resp: 14469
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1

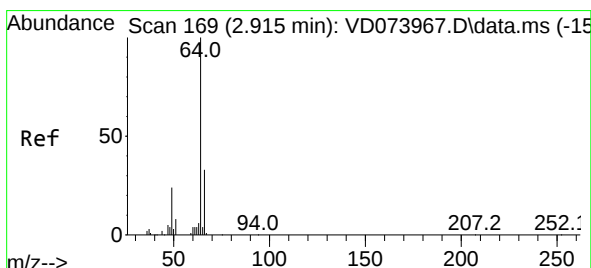
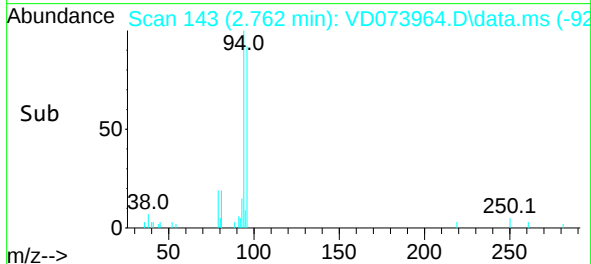
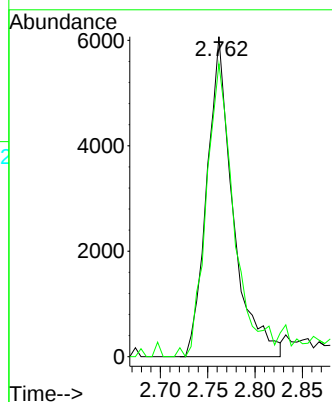
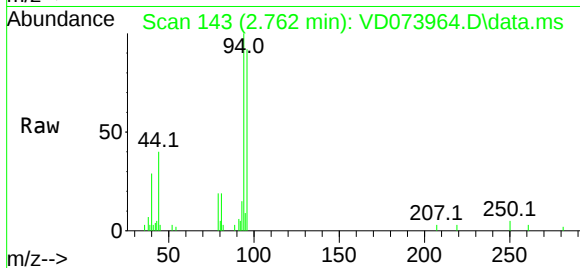




#5
Bromomethane
Concen: 5.791 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

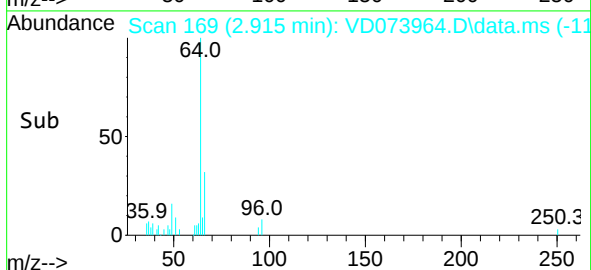
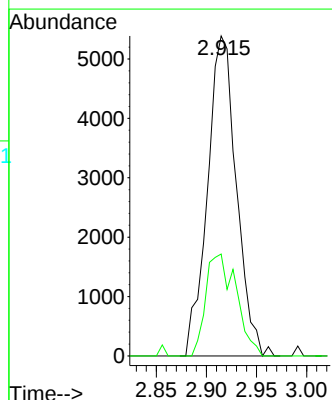
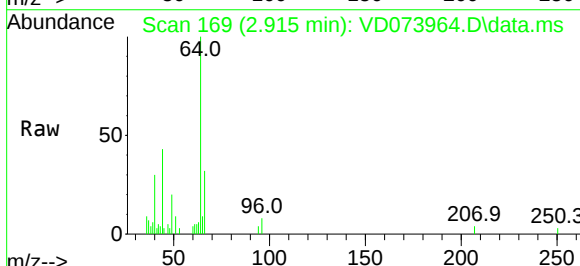
Instrument :
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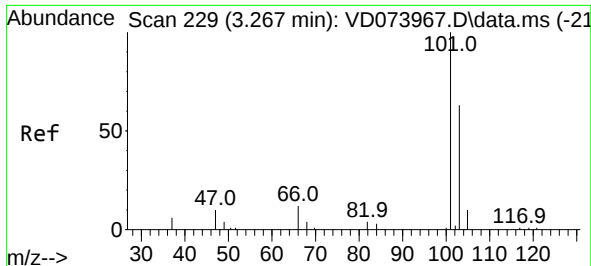
Tgt Ion: 94 Resp: 11625
Ion Ratio Lower Upper
94 100
96 88.8 77.0 115.6



#6
Chloroethane
Concen: 5.366 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 64 Resp: 10849
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5

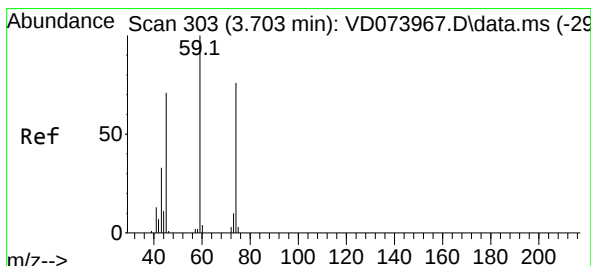
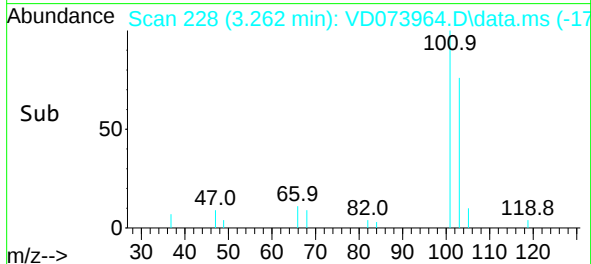
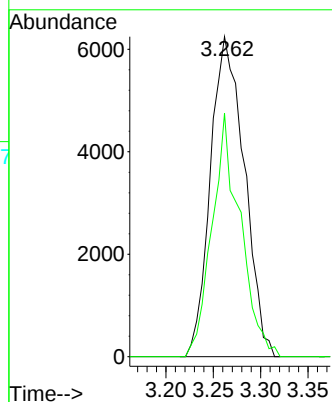
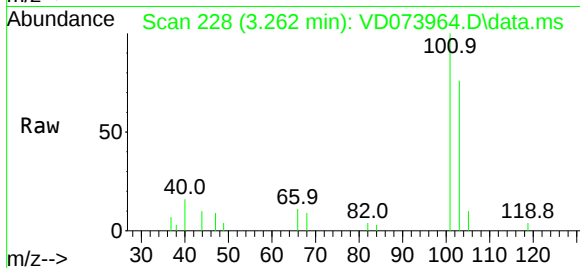




#7
 Trichlorofluoromethane
 Concen: 5.554 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073964.D
 Acq: 05 Aug 2022 13:58

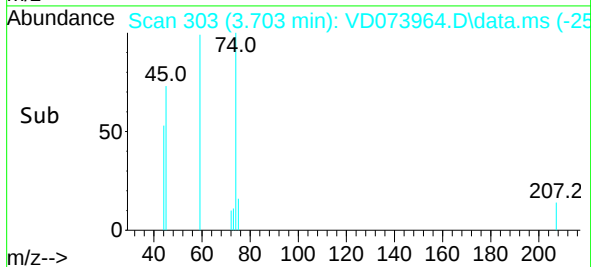
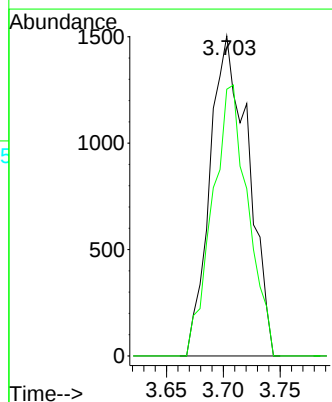
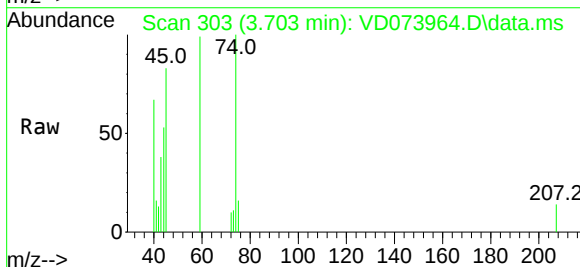
Instrument :
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 ClientSampleId :
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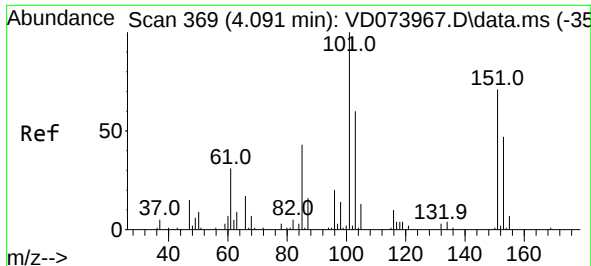
Tgt Ion:101 Resp: 15514
 Ion Ratio Lower Upper
 101 100
 103 76.1 50.0 75.0#



#8
 Diethyl Ether
 Concen: 5.439 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD073964.D
 Acq: 05 Aug 2022 13:58

Tgt Ion: 74 Resp: 3537
 Ion Ratio Lower Upper
 74 100
 45 78.6 44.4 133.1

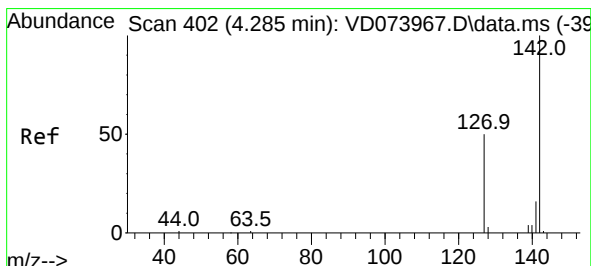
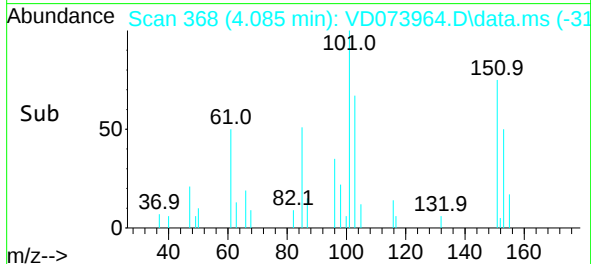
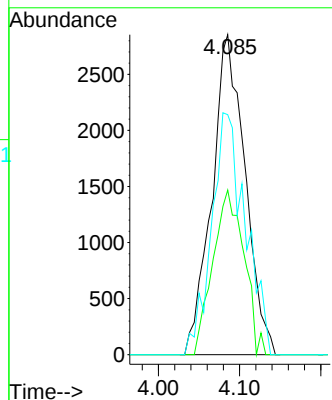
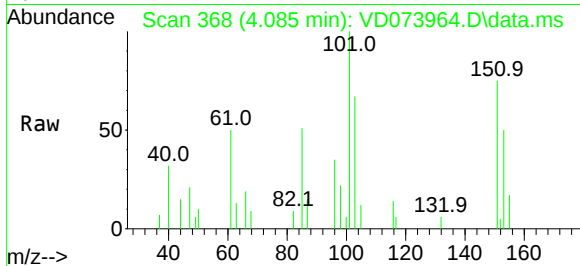




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.167 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073964.D
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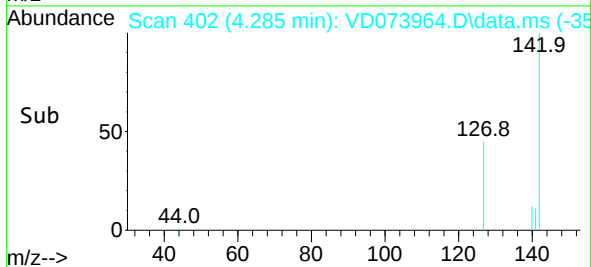
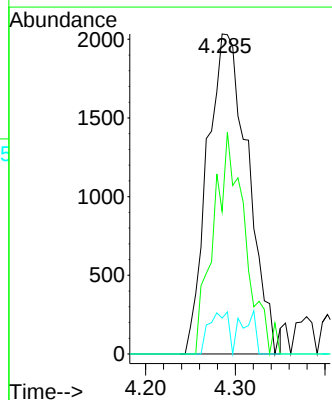
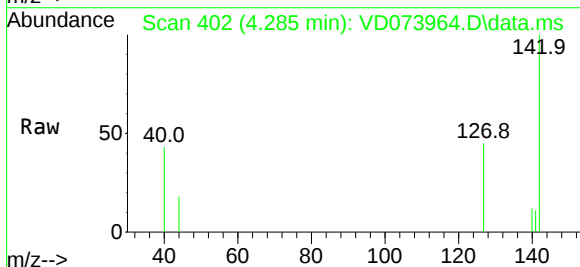
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

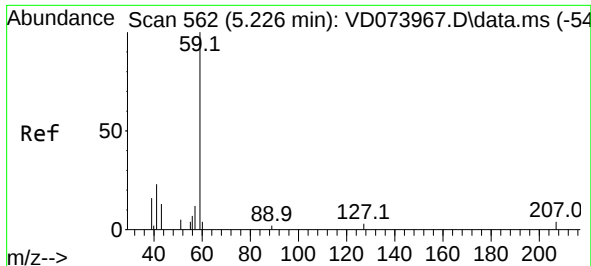
Tgt Ion:101 Resp: 8104
Ion Ratio Lower Upper
101 100
85 48.1 37.5 56.3
151 77.0 60.2 90.4



#10
Methyl Iodide
Concen: 4.156 ug/l
RT: 4.285 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:142 Resp: 6416
Ion Ratio Lower Upper
142 100
127 53.9 38.7 58.1
141 6.3 11.8 17.8#





#11

Tert butyl alcohol

Concen: 24.988 ug/l

RT: 5.203 min Scan# 51

Delta R.T. -0.023 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

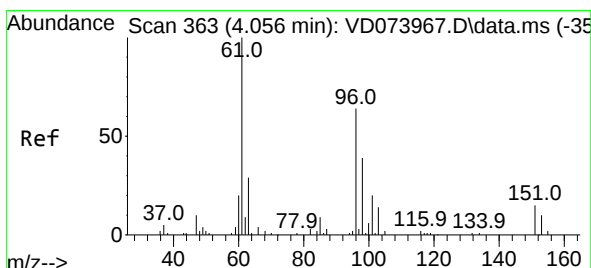
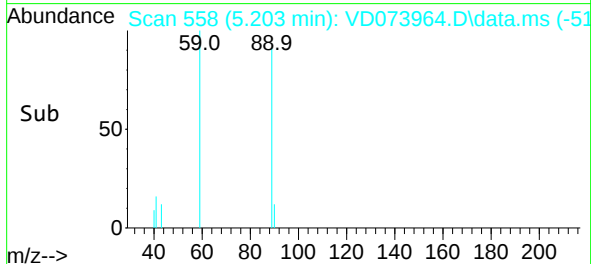
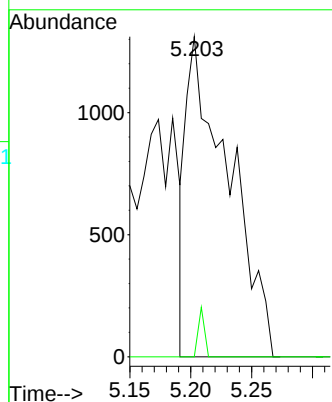
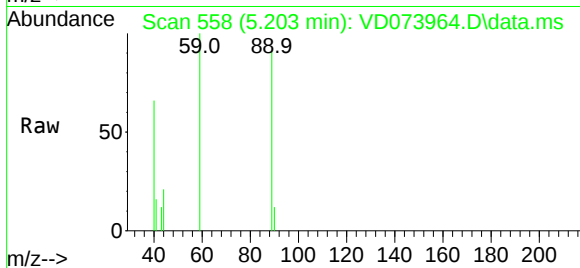
VSTDIC005

Tgt Ion: 59 Resp: 3176

Ion Ratio Lower Upper

59 100

57 0.0 3.8 5.6#



#12

1,1-Dichloroethene

Concen: 5.308 ug/l

RT: 4.056 min Scan# 363

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

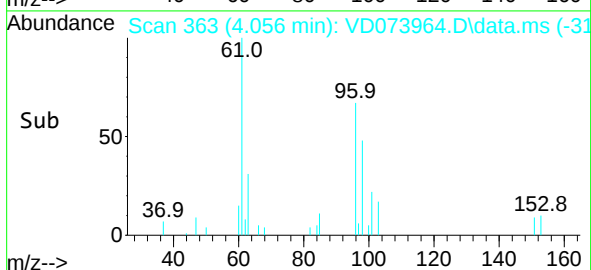
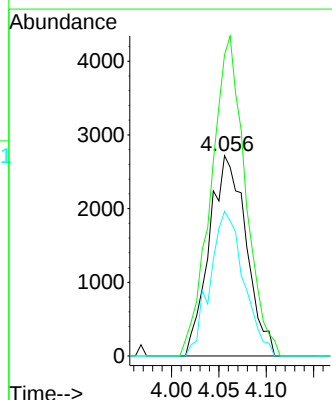
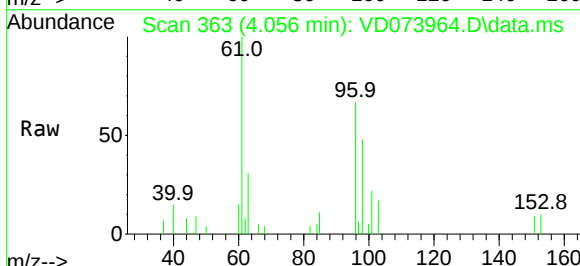
Tgt Ion: 96 Resp: 7360

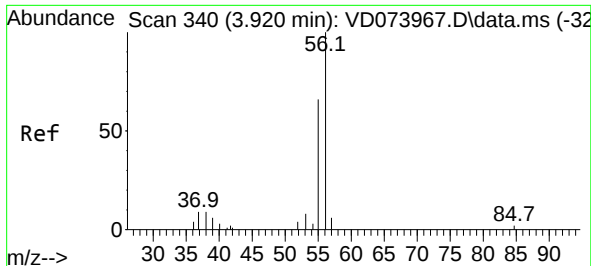
Ion Ratio Lower Upper

96 100

61 150.2 125.9 188.9

98 72.2 49.2 73.8





#13

Acrolein

Concen: 8.859 ug/l

RT: 3.921 min Scan# 34

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

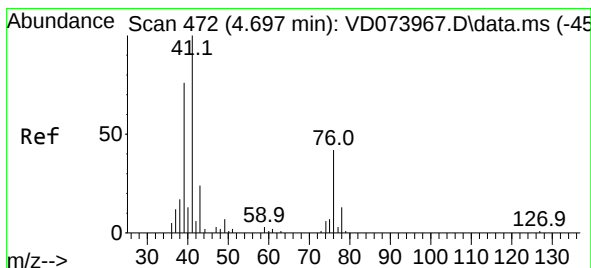
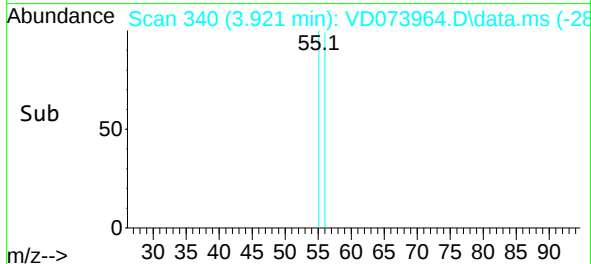
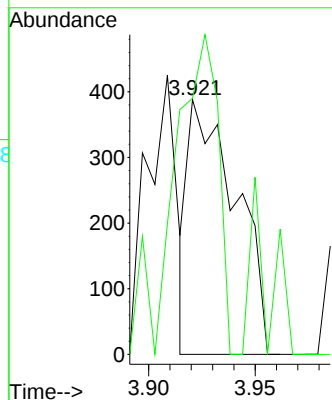
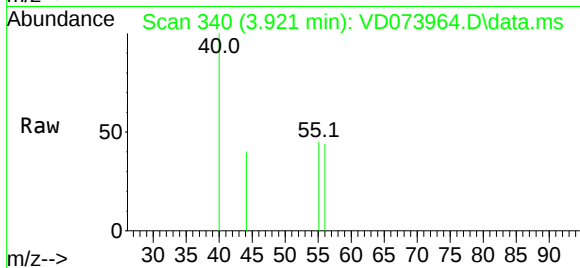
VSTDIC005

Tgt Ion: 56 Resp: 607

Ion Ratio Lower Upper

56 100

55 117.1 55.8 83.6#



#14

Allyl chloride

Concen: 5.174 ug/l

RT: 4.703 min Scan# 473

Delta R.T. 0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

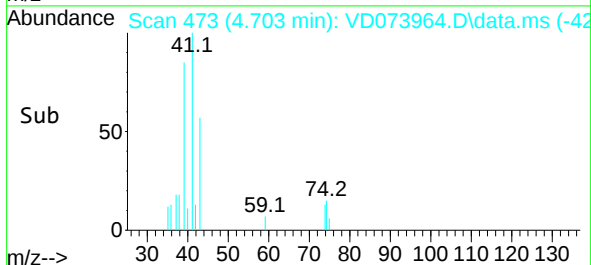
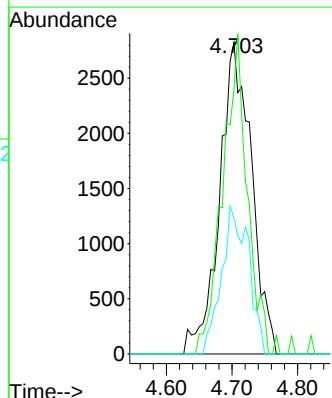
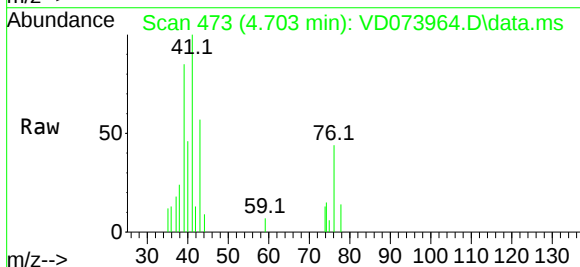
Tgt Ion: 41 Resp: 9523

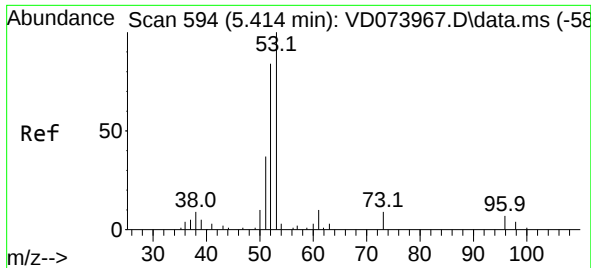
Ion Ratio Lower Upper

41 100

39 79.1 63.4 95.2

76 40.3 34.4 51.6

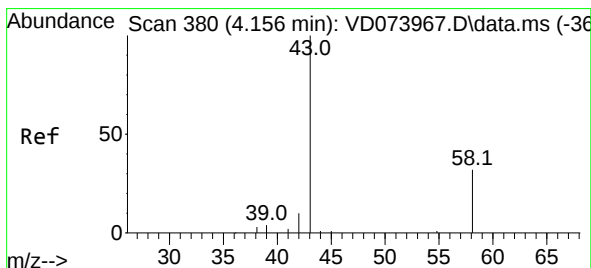
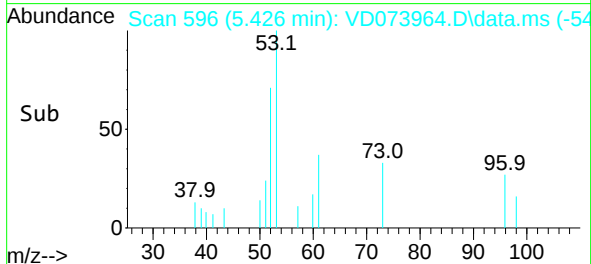
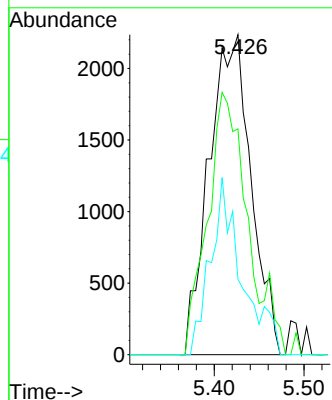
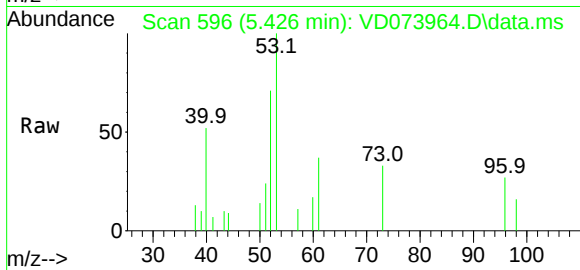




#15
Acrylonitrile
Concen: 26.226 ug/l
RT: 5.426 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

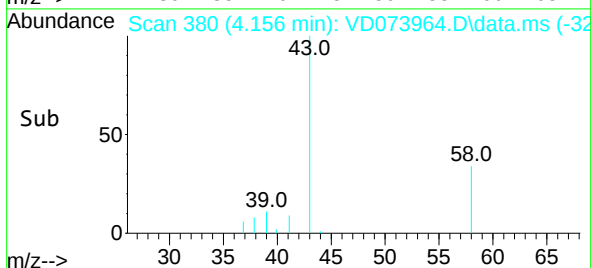
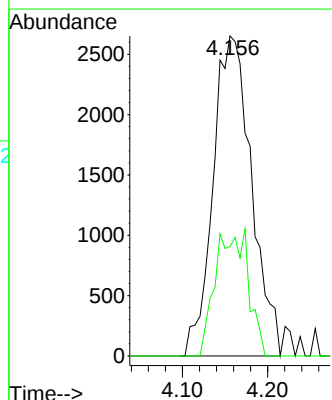
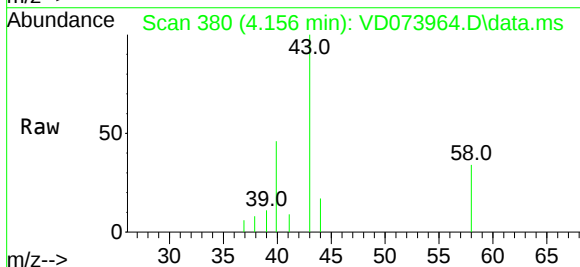
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

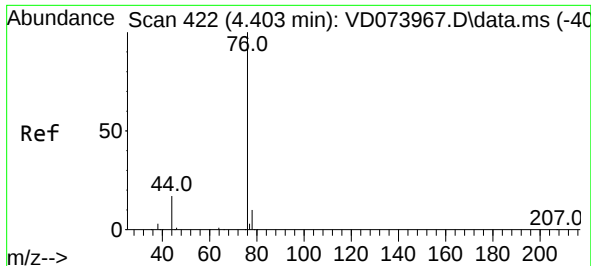
Tgt Ion: 53	Resp: 7289		
Ion Ratio	Lower	Upper	
53	100		
52	78.3	62.7	94.1
51	36.9	30.8	46.2



#16
Acetone
Concen: 33.223 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 43	Resp: 8306		
Ion Ratio	Lower	Upper	
43 100			
58 34.2	25.4	38.0	





#17

Carbon Disulfide

Concen: 4.636 ug/l

RT: 4.397 min Scan# 421

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

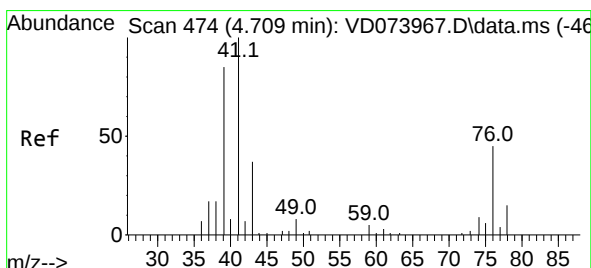
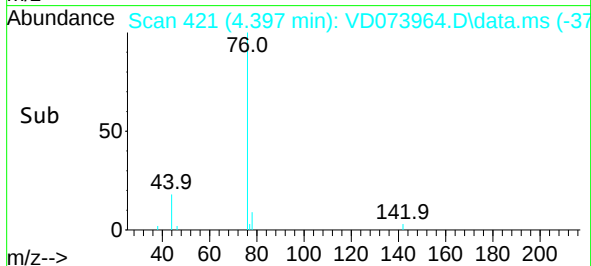
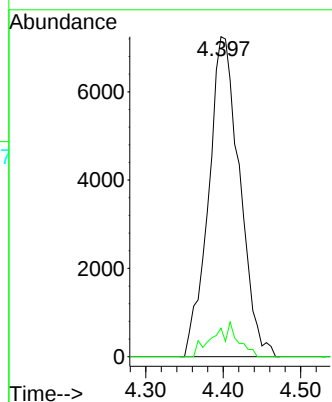
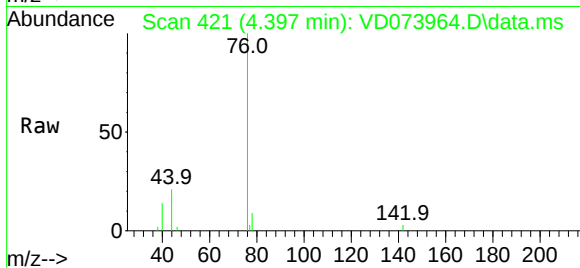
VSTDIC005

Tgt Ion: 76 Resp: 20168

Ion Ratio Lower Upper

76 100

78 8.9 7.9 11.9



#18

Methyl Acetate

Concen: 8.513 ug/l

RT: 4.709 min Scan# 474

Delta R.T. 0.000 min

Lab File: VD073964.D

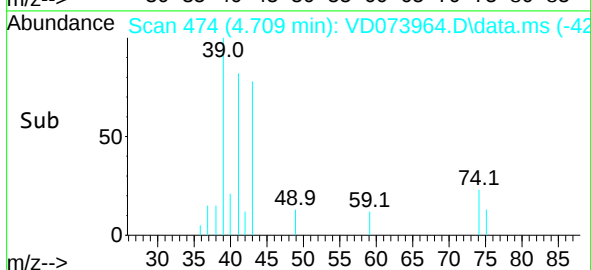
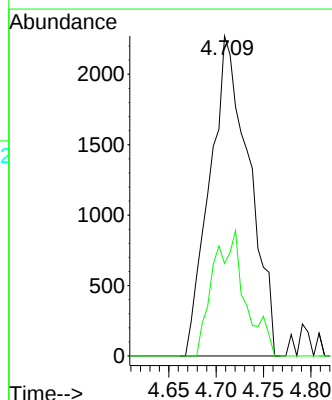
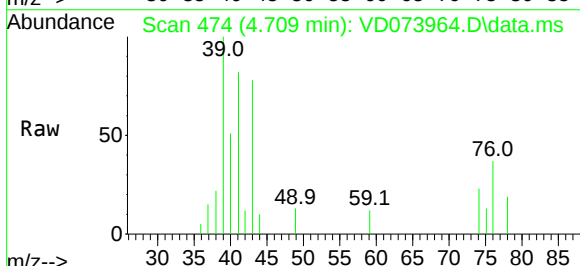
Acq: 05 Aug 2022 13:58

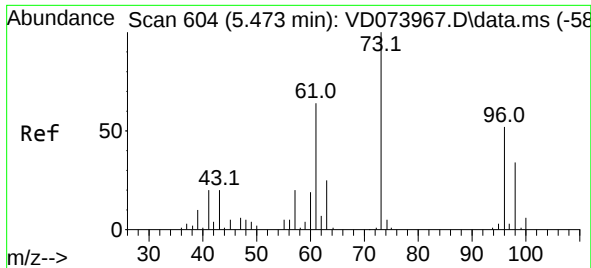
Tgt Ion: 43 Resp: 6516

Ion Ratio Lower Upper

43 100

74 32.3 22.1 33.1





#19

Methyl tert-butyl Ether

Concen: 4.953 ug/l

RT: 5.468 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

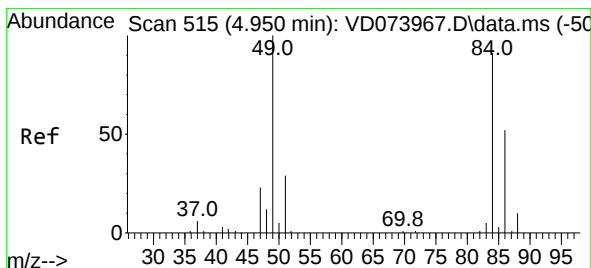
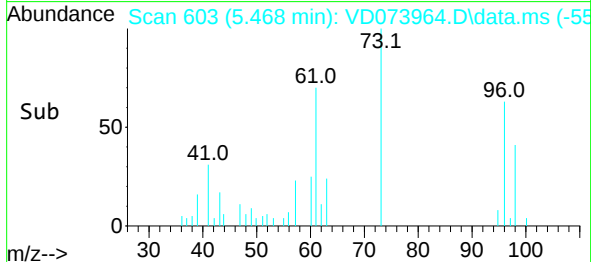
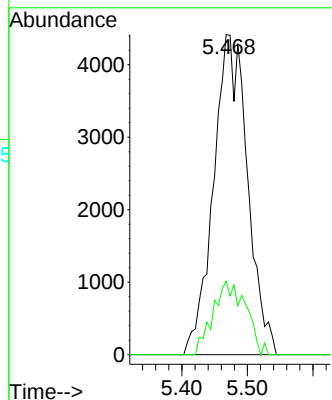
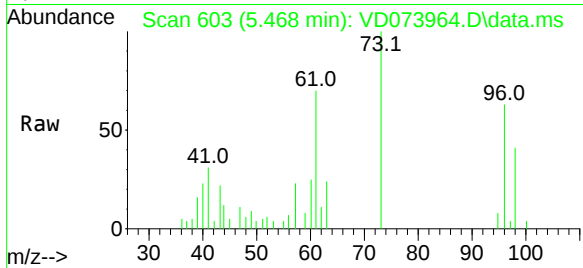
VSTDIC005

Tgt Ion: 73 Resp: 15941

Ion Ratio Lower Upper

73 100

57 22.9 15.8 23.6



#20

Methylene Chloride

Concen: 8.397 ug/l

RT: 4.956 min Scan# 516

Delta R.T. 0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Tgt Ion: 84 Resp: 20495

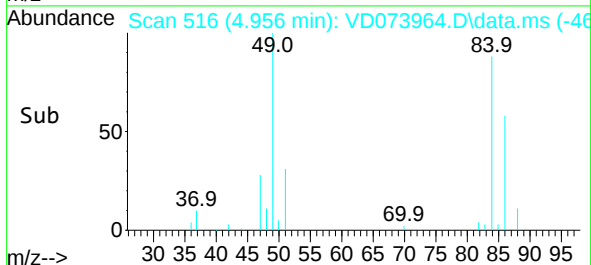
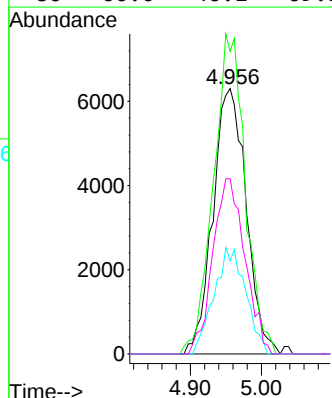
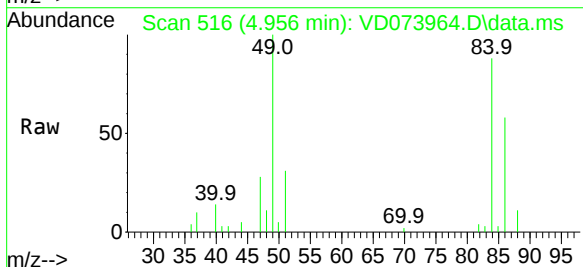
Ion Ratio Lower Upper

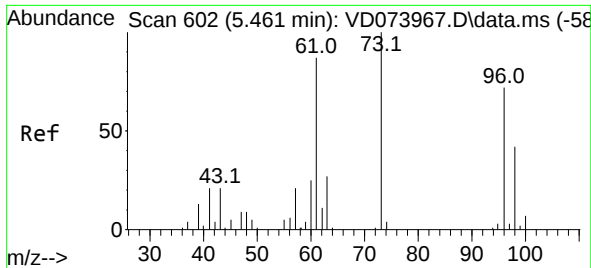
84 100

49 114.0 87.9 131.9

51 35.1 25.7 38.5

86 66.0 46.1 69.1

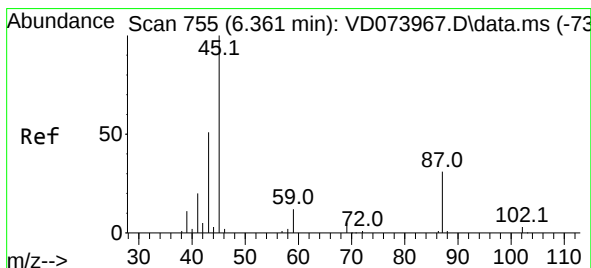
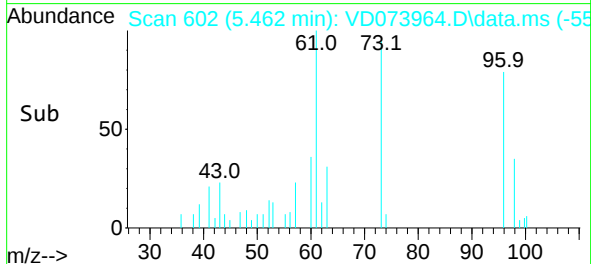
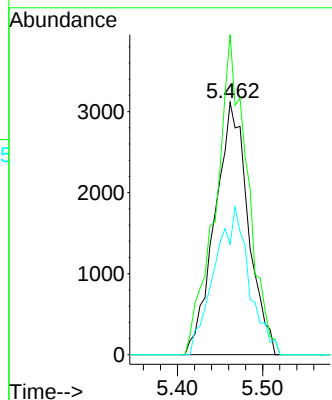
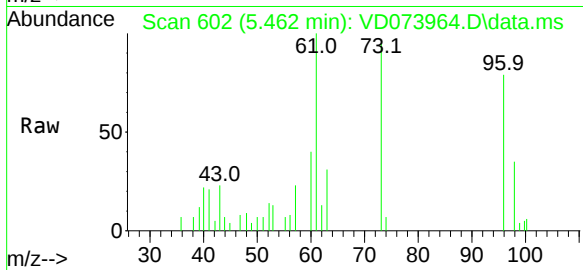




#21
trans-1,2-Dichloroethene
Concen: 5.043 ug/l
RT: 5.462 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

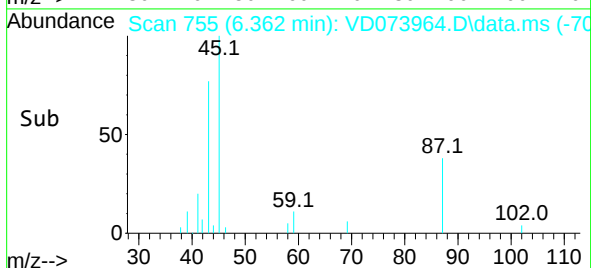
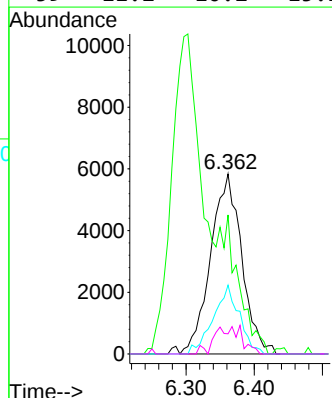
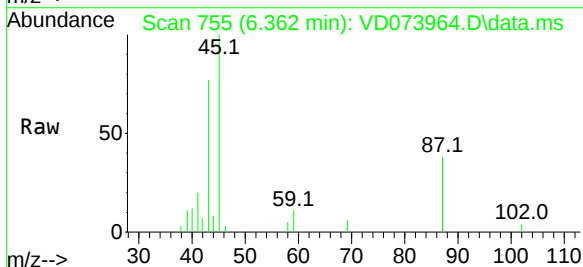
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

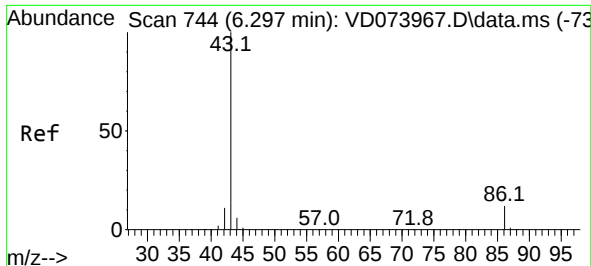
Tgt Ion: 96 Resp: 8451
Ion Ratio Lower Upper
96 100
61 126.9 96.9 145.3
98 43.9 47.2 70.8#



#22
Diisopropyl ether
Concen: 4.659 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 45 Resp: 18473
Ion Ratio Lower Upper
45 100
43 74.4 46.1 69.1#
87 38.3 25.8 38.6
59 11.2 10.2 15.2

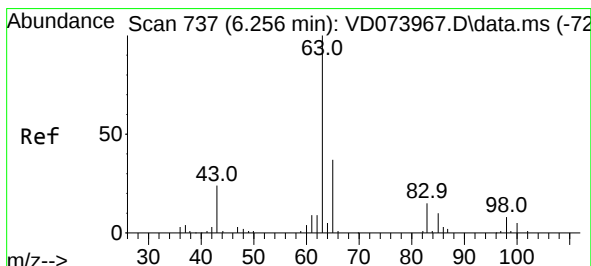
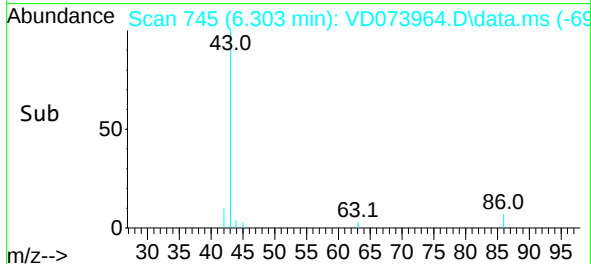
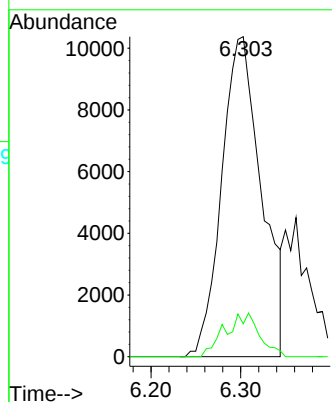
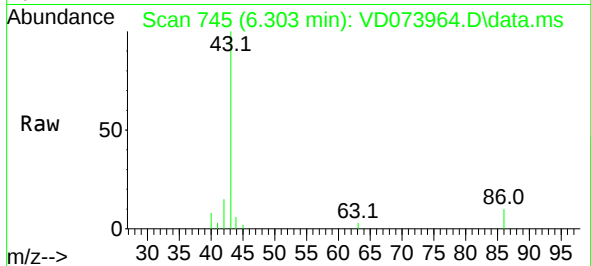




#23
 Vinyl Acetate
 Concen: 15.465 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073964.D
 Acq: 05 Aug 2022 13:58

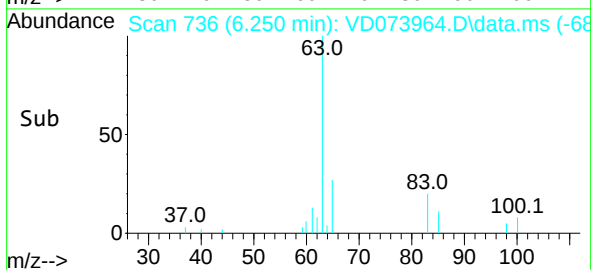
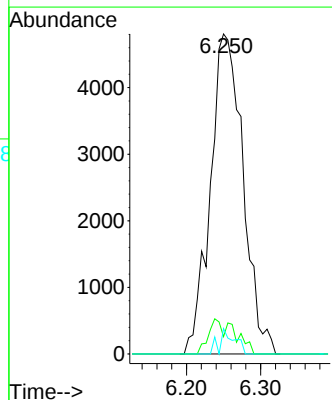
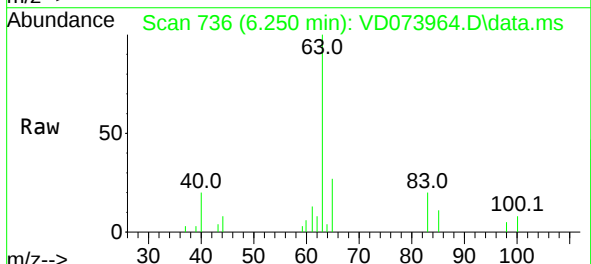
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

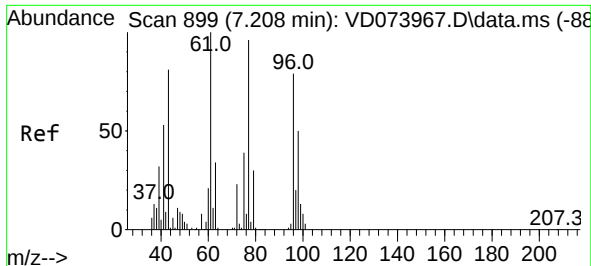
Tgt Ion: 43 Resp: 32016
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 5.394 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD073964.D
 Acq: 05 Aug 2022 13:58

Tgt Ion: 63 Resp: 14726
 Ion Ratio Lower Upper
 63 100
 98 5.4 4.1 12.3
 100 8.0 2.3 6.8#

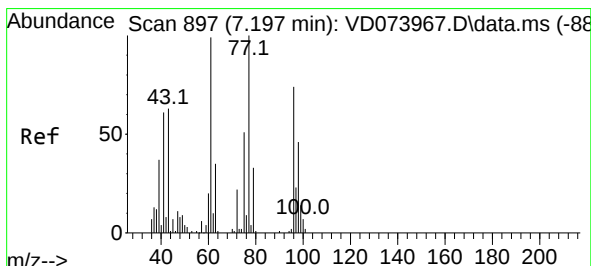
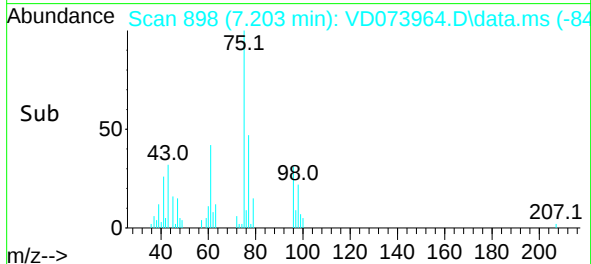
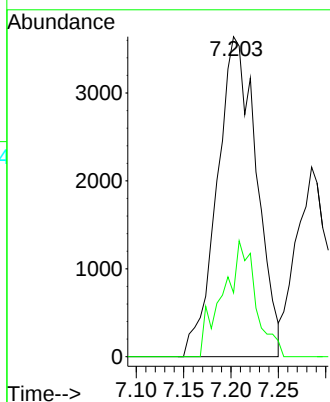
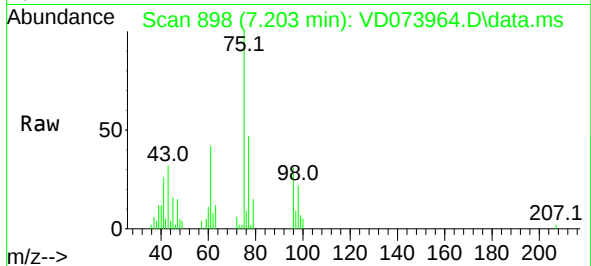




#25
2-Butanone
Concen: 28.018 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

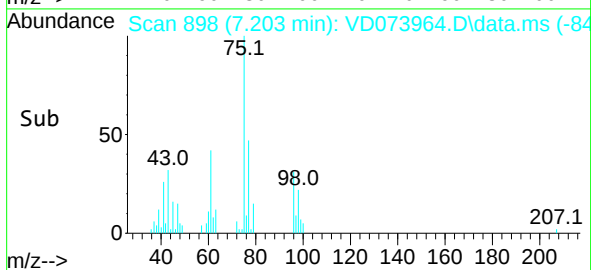
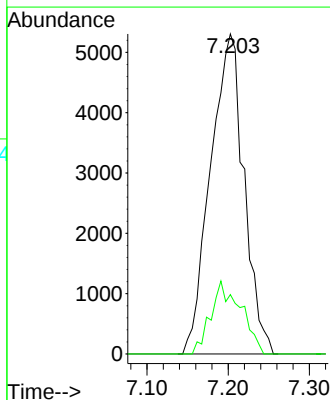
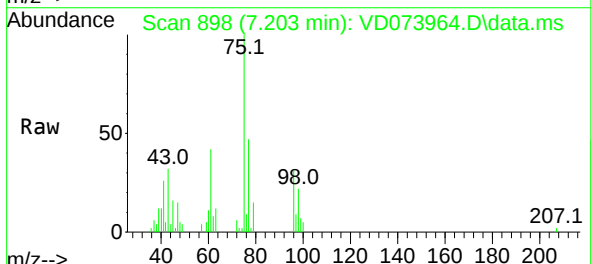
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

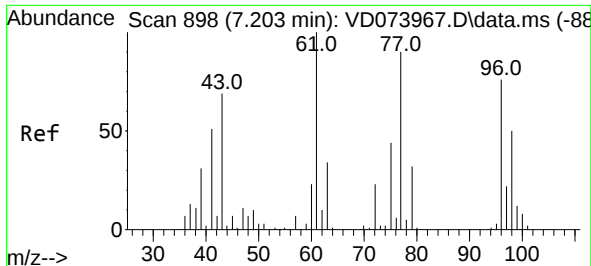
Tgt Ion: 43 Resp: 10516
Ion Ratio Lower Upper
43 100
72 20.0 22.8 34.2#



#26
2,2-Dichloropropane
Concen: 5.615 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 77 Resp: 15222
Ion Ratio Lower Upper
77 100
97 20.4 11.1 33.1

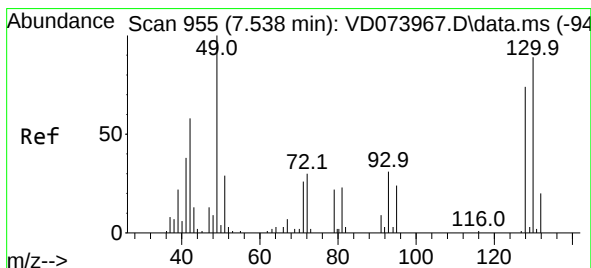
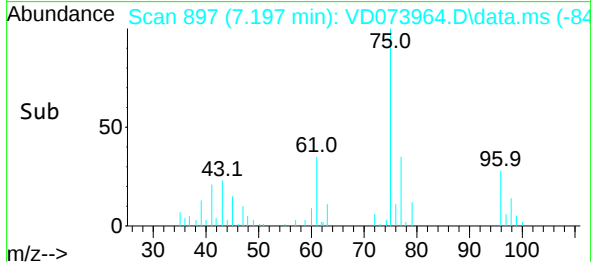
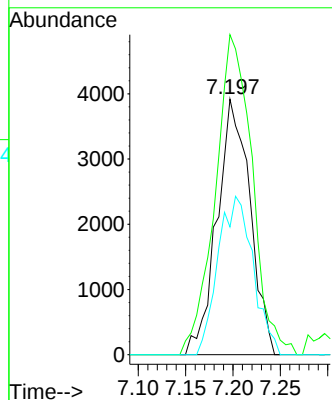
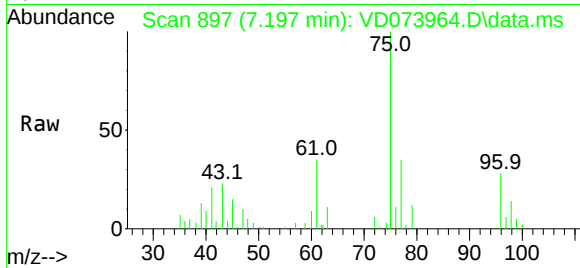




#27
 cis-1,2-Dichloroethene
 Concen: 5.225 ug/l
 RT: 7.197 min Scan# 898
 Delta R.T. -0.006 min
 Lab File: VD073964.D
 Acq: 05 Aug 2022 13:58

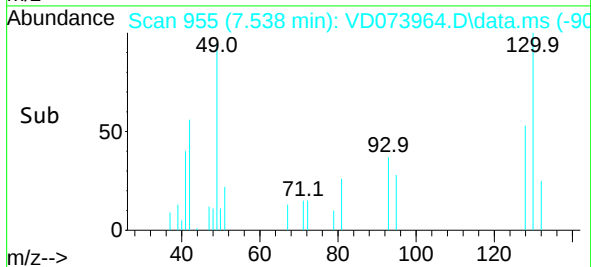
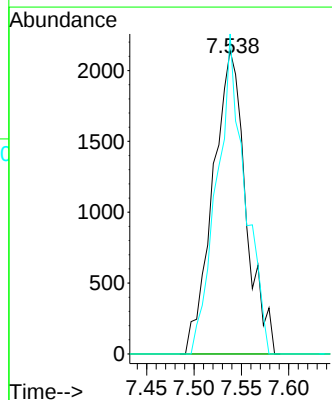
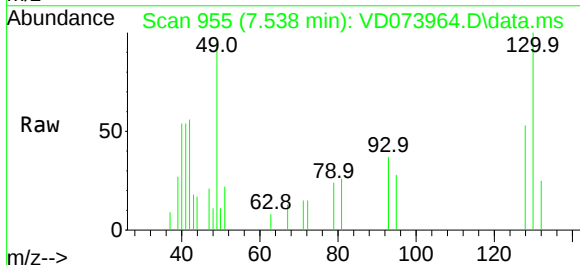
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

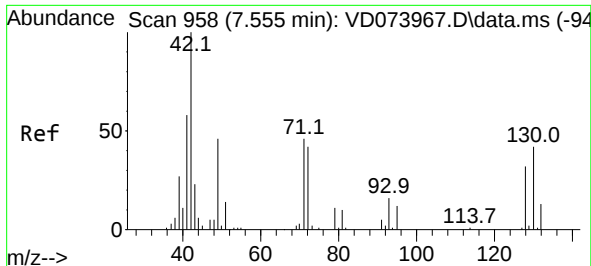
Tgt Ion: 96 Resp: 9474
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 276.8
 98 65.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 5.937 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073964.D
 Acq: 05 Aug 2022 13:58

Tgt Ion: 49 Resp: 5184
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 89.9 71.7 107.5





#29

Tetrahydrofuran

Concen: 23.537 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

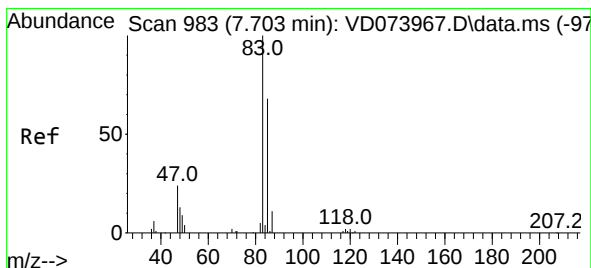
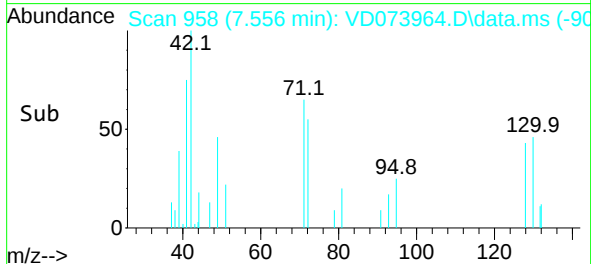
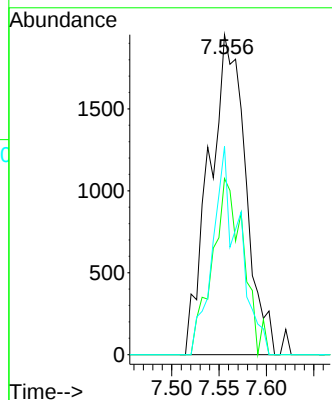
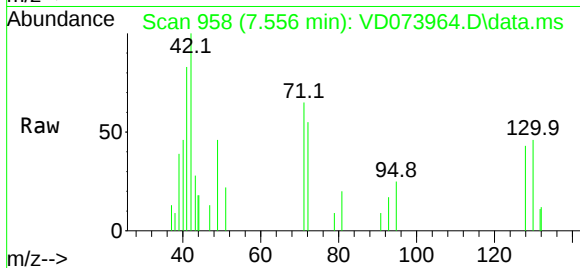
Tgt Ion: 42 Resp: 5218

Ion Ratio Lower Upper

42 100

72 47.0 37.0 55.6

71 47.6 36.9 55.3



#30

Chloroform

Concen: 5.341 ug/l

RT: 7.697 min Scan# 982

Delta R.T. -0.006 min

Lab File: VD073964.D

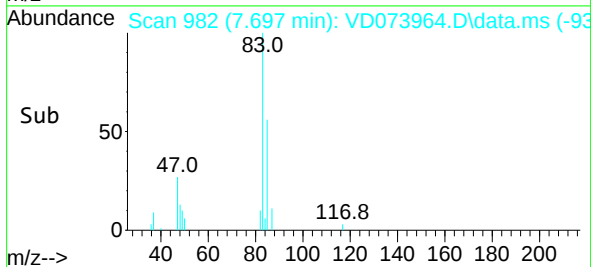
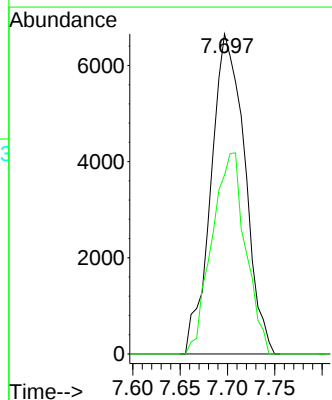
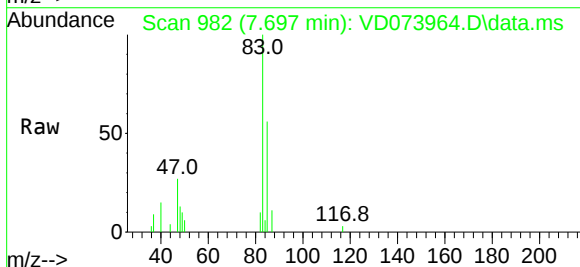
Acq: 05 Aug 2022 13:58

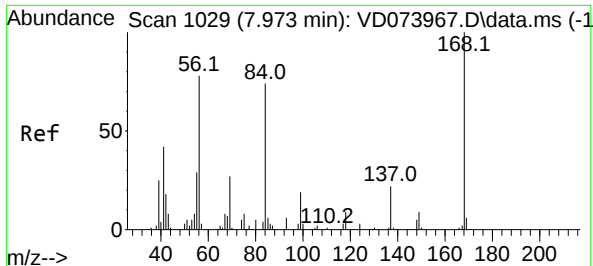
Tgt Ion: 83 Resp: 16475

Ion Ratio Lower Upper

83 100

85 55.9 54.2 81.4

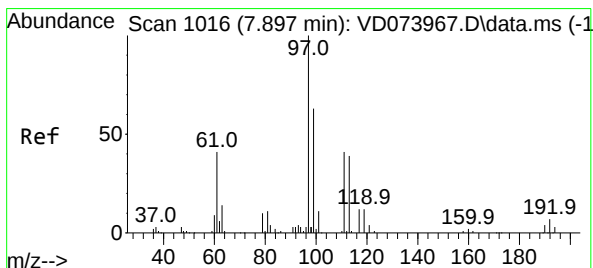
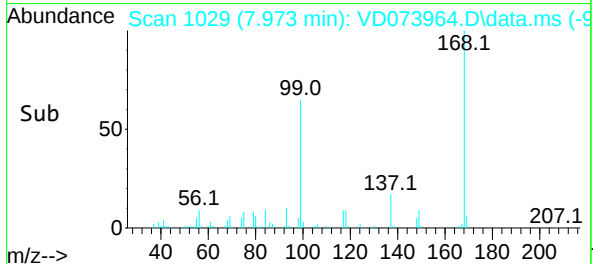
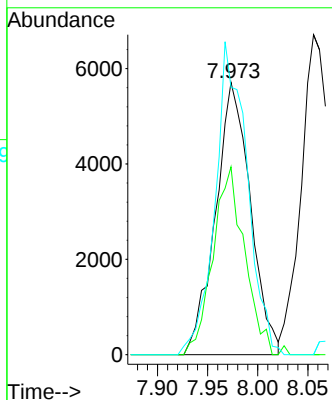
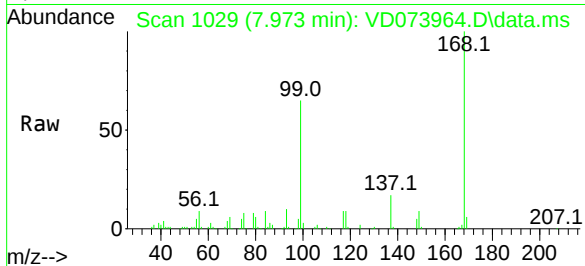




#31
Cyclohexane
Concen: 5.529 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

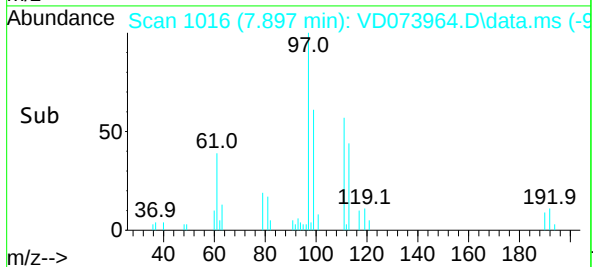
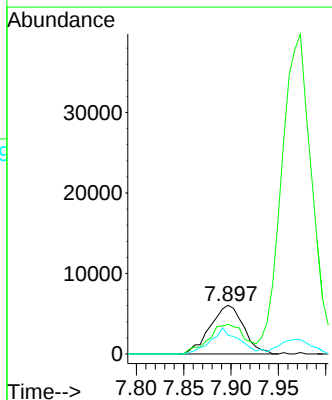
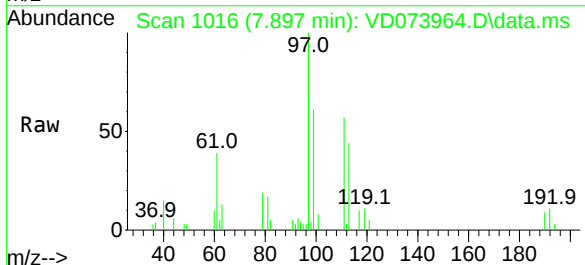
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

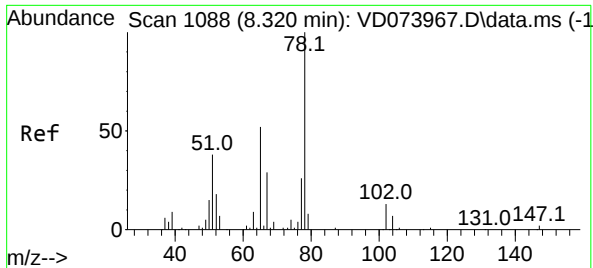
Tgt Ion: 56 Resp: 13805
Ion Ratio Lower Upper
56 100
69 69.0 27.6 41.4#
84 98.2 75.4 113.0



#32
1,1,1-Trichloroethane
Concen: 5.038 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 97 Resp: 14791
Ion Ratio Lower Upper
97 100
99 66.0 51.1 76.7
61 46.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 6.149 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

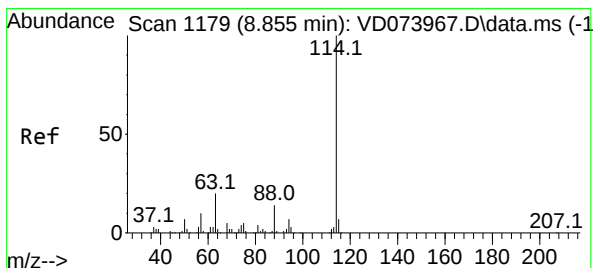
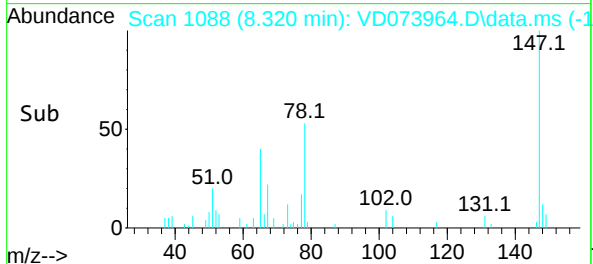
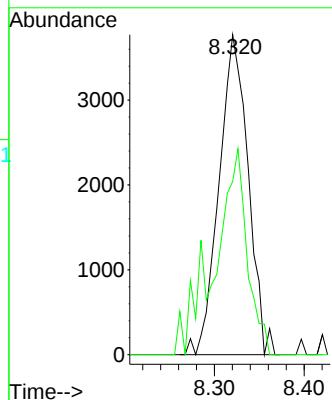
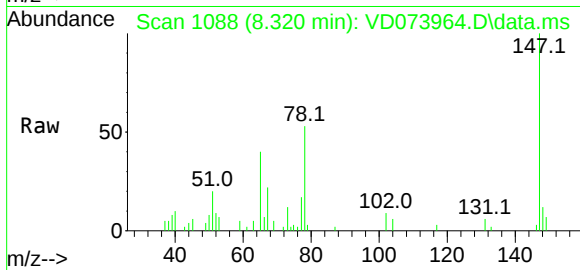
VSTDIC005

Tgt Ion: 65 Resp: 8466

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

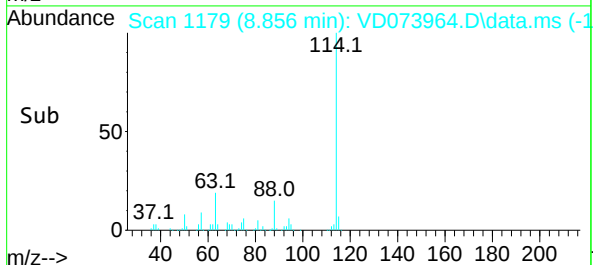
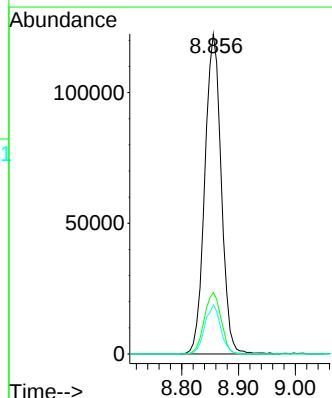
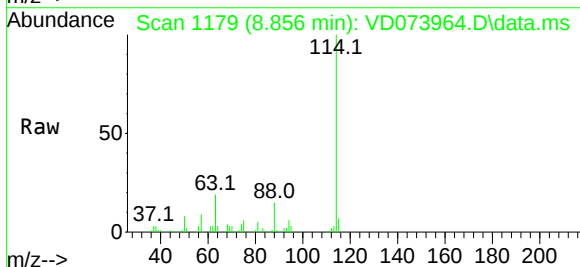
Tgt Ion: 114 Resp: 245076

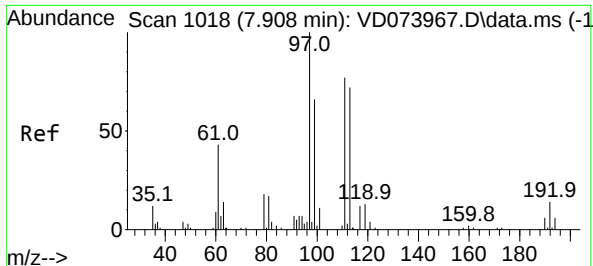
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

88 15.3 0.0 28.0





#35

Dibromofluoromethane

Concen: 5.555 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

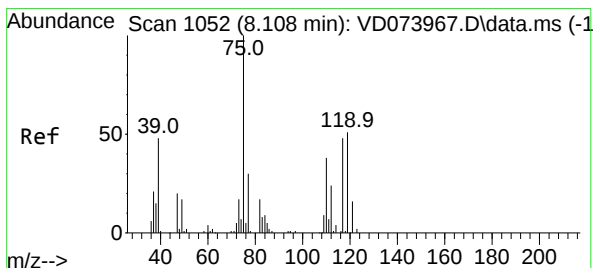
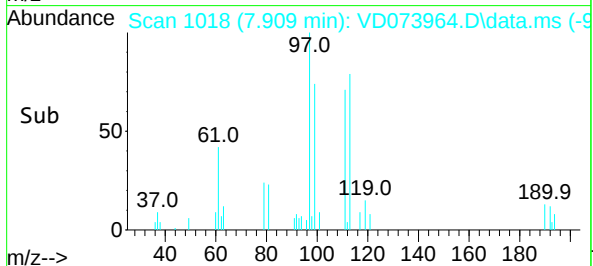
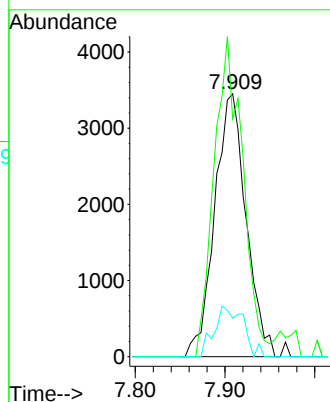
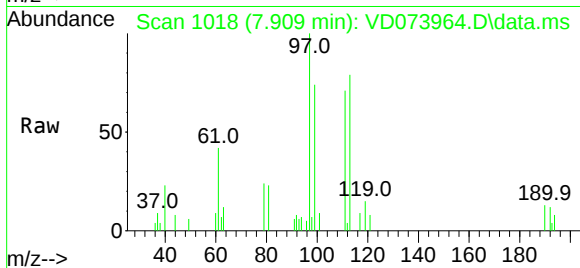
Tgt Ion:113 Resp: 8387

Ion Ratio Lower Upper

113 100

111 111.1 83.0 124.4

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.007 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

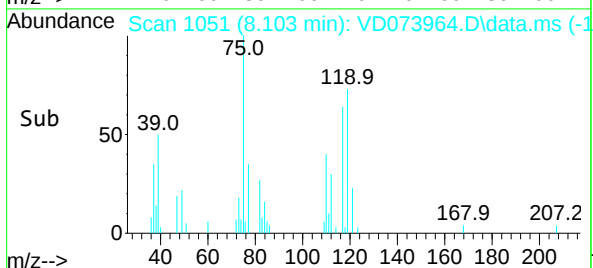
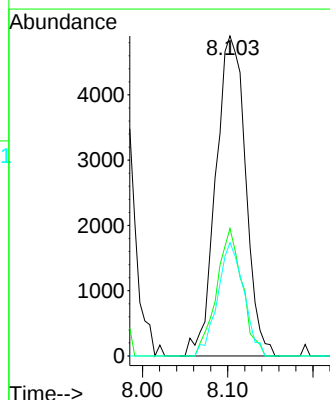
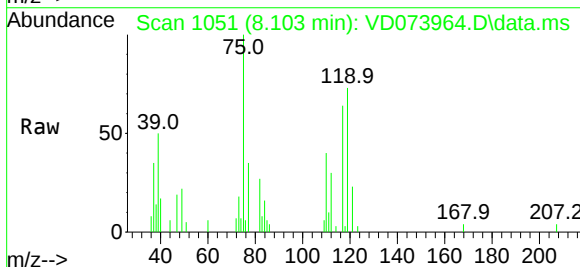
Tgt Ion: 75 Resp: 11935

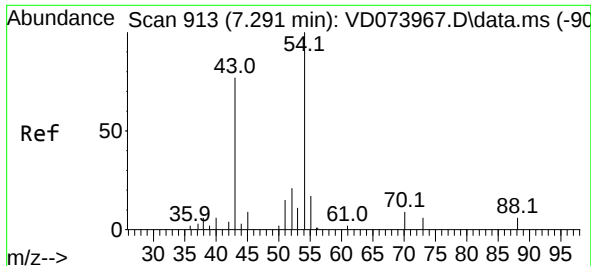
Ion Ratio Lower Upper

75 100

110 34.2 18.9 56.7

77 31.1 25.5 38.3





#37

Ethyl Acetate

Concen: 6.018 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

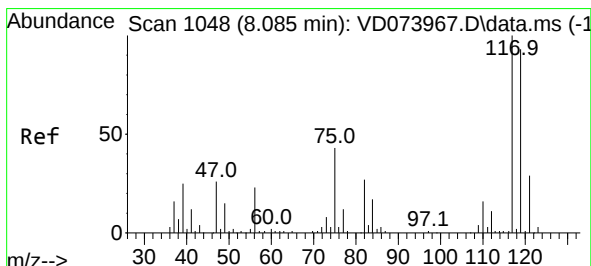
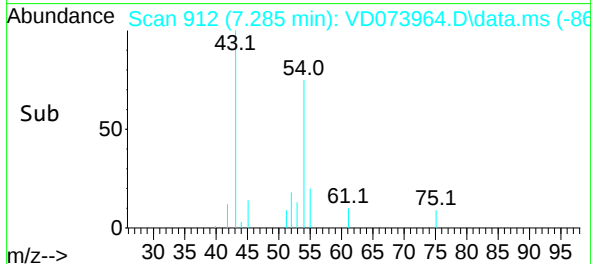
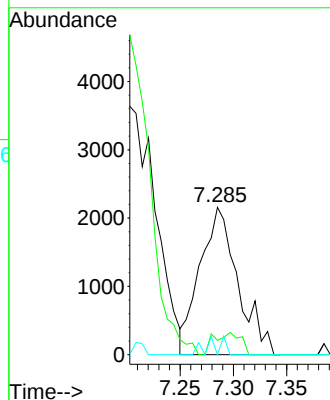
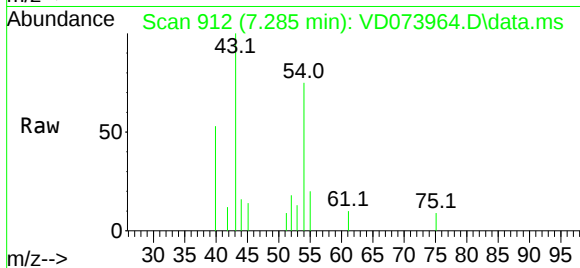
Tgt Ion: 43 Resp: 5335

Ion Ratio Lower Upper

43 100

61 10.6 11.2 16.8#

70 3.5 7.7 11.5#



#38

Carbon Tetrachloride

Concen: 4.794 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

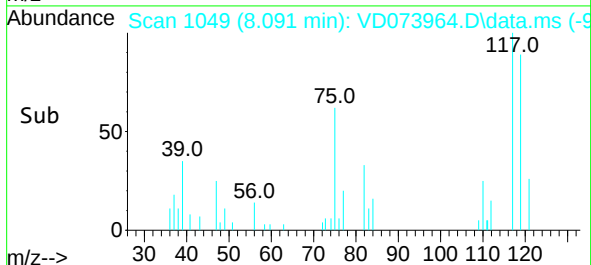
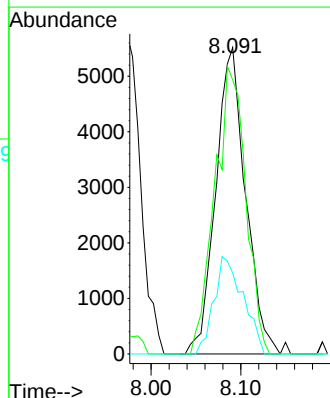
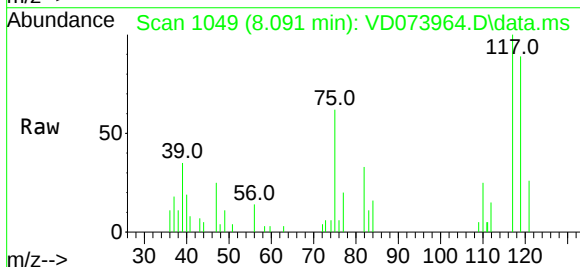
Tgt Ion: 117 Resp: 12726

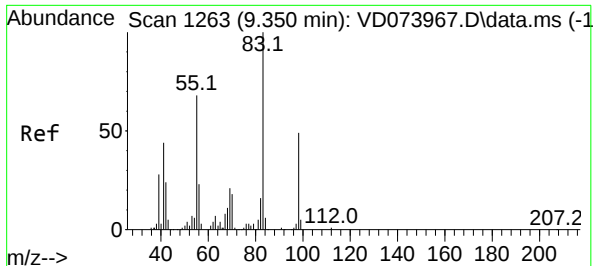
Ion Ratio Lower Upper

117 100

119 89.4 74.7 112.1

121 26.4 23.4 35.0





#39

Methylcyclohexane

Concen: 4.411 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

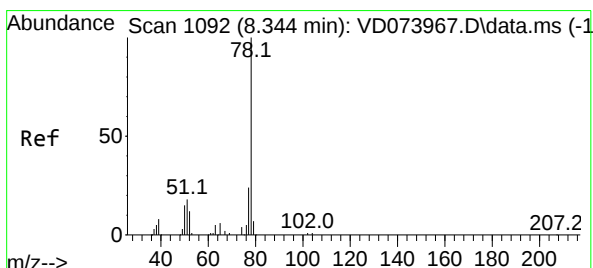
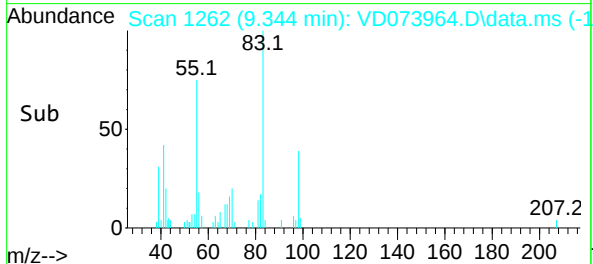
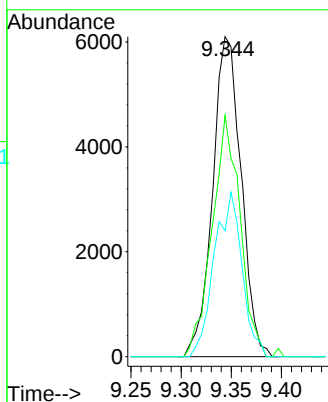
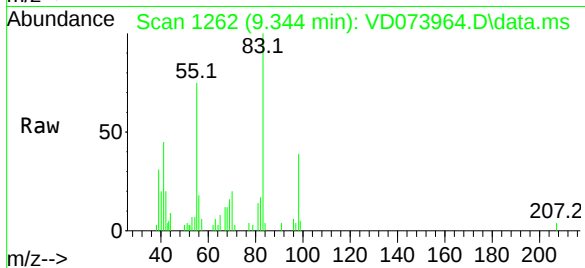
Tgt Ion: 83 Resp: 12023

Ion Ratio Lower Upper

83 100

55 75.4 54.1 81.1

98 39.4 39.2 58.8



#40

Benzene

Concen: 4.810 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073964.D

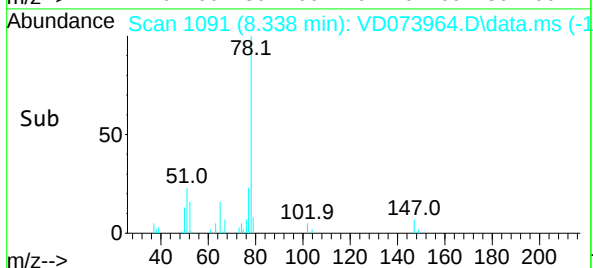
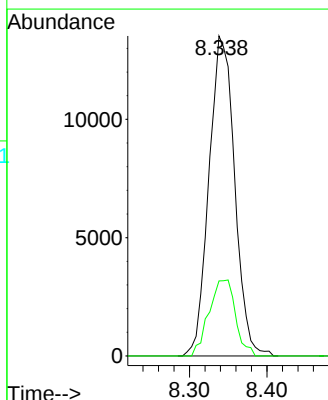
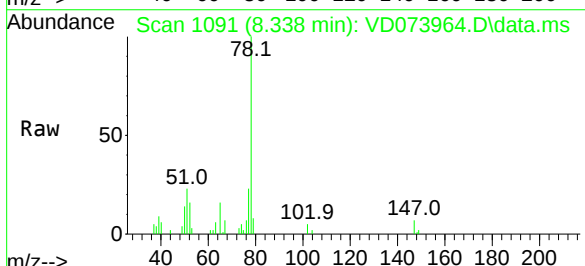
Acq: 05 Aug 2022 13:58

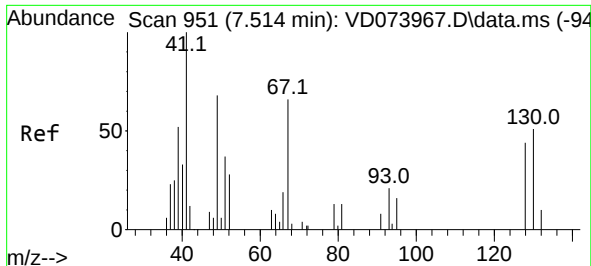
Tgt Ion: 78 Resp: 31135

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

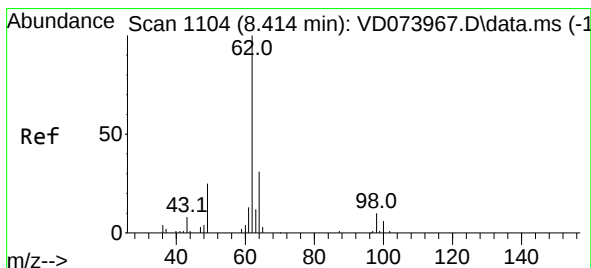
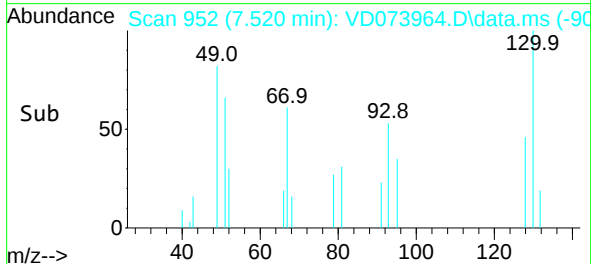
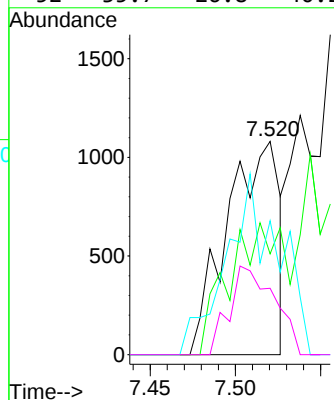
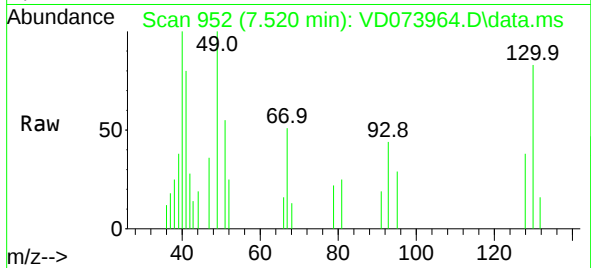




#41
Methacrylonitrile
Concen: 4.930 ug/l
RT: 7.520 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

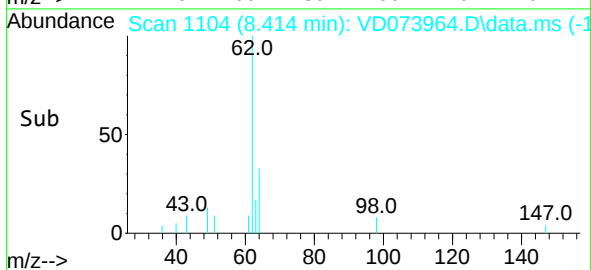
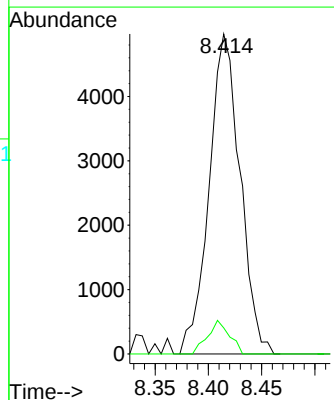
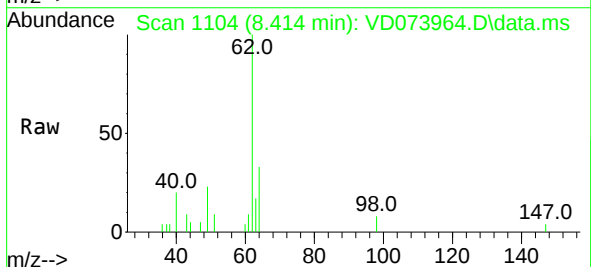
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

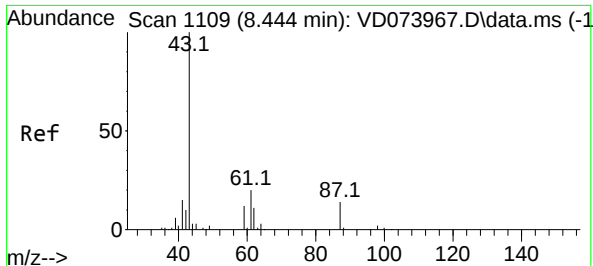
Tgt Ion: 41	Resp: 2308
Ion Ratio	Lower Upper
41 100	
39 65.2	45.3 67.9
67 84.3	60.2 90.4
52 35.7	26.8 40.2



#42
1,2-Dichloroethane
Concen: 5.130 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 62	Resp: 10075
Ion Ratio	Lower Upper
62 100	
98 7.4	0.0 18.6

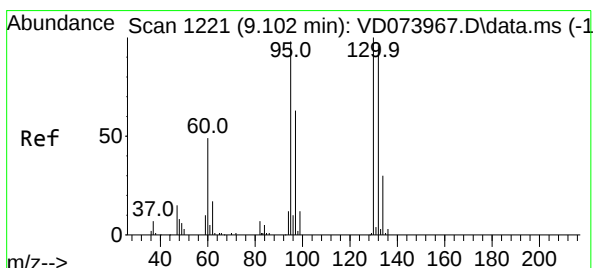
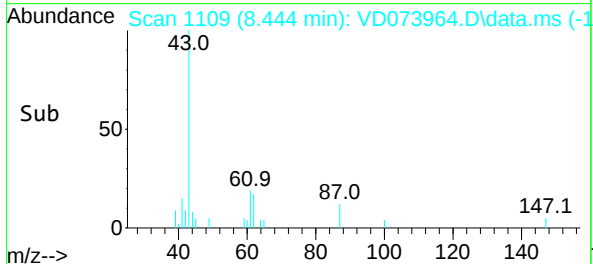
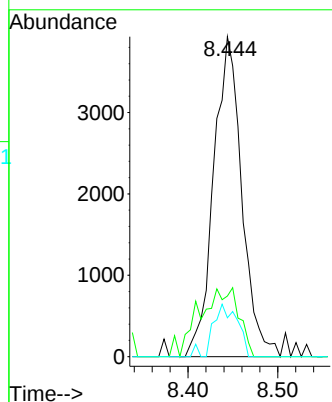
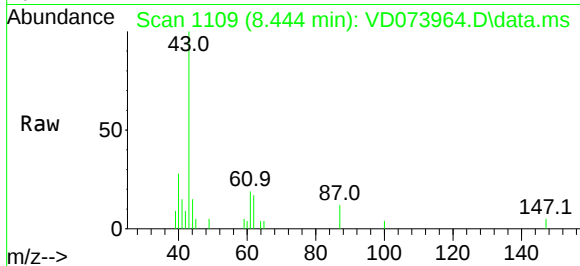




#43
Isopropyl Acetate
Concen: 4.953 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

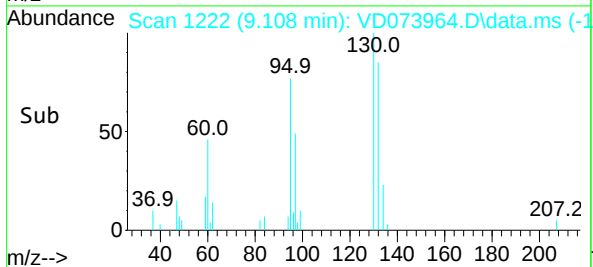
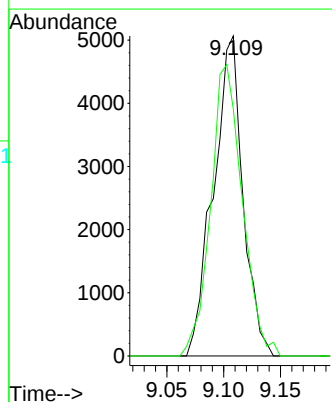
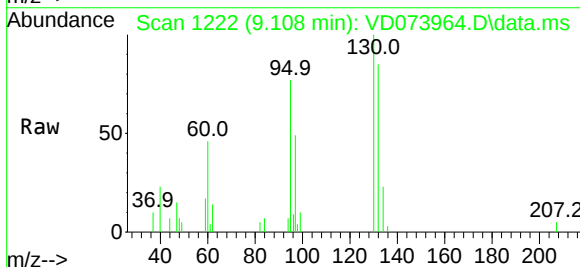
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

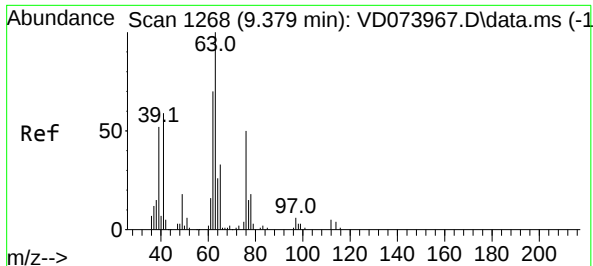
Tgt Ion: 43	Resp: 8580
Ion Ratio	Lower Upper
43 100	
61 30.4	25.8 38.6
87 14.1	11.8 17.8



#44
Trichloroethene
Concen: 4.907 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:130	Resp:	9143	
Ion	Ratio	Lower	Upper
130	100		
95	77.1	0.0	196.2





#45

1,2-Dichloropropane

Concen: 4.989 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

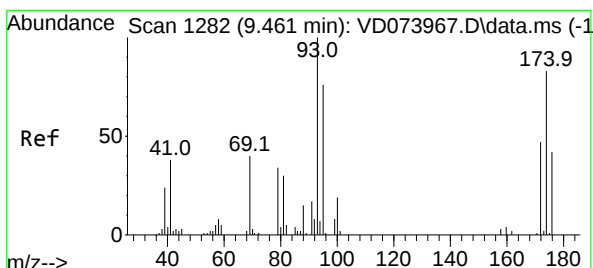
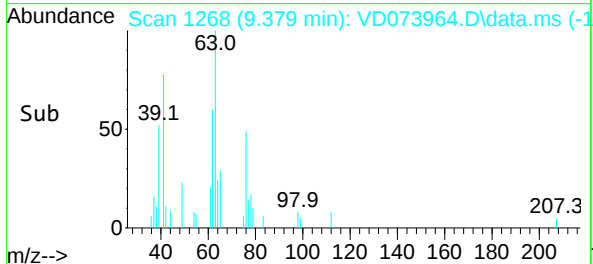
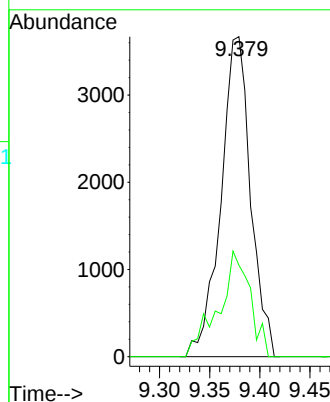
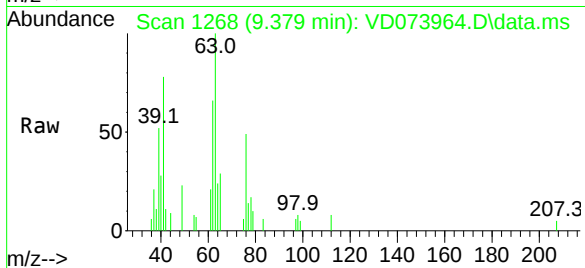
VSTDIC005

Tgt Ion: 63 Resp: 7569

Ion Ratio Lower Upper

63 100

65 28.6 26.8 40.2



#46

Dibromomethane

Concen: 5.130 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

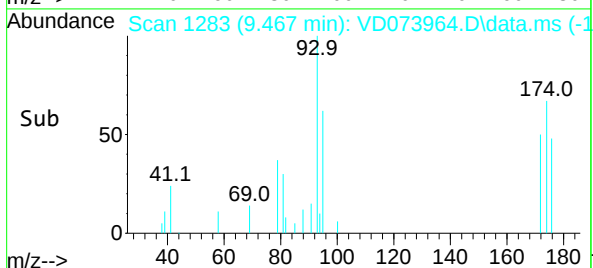
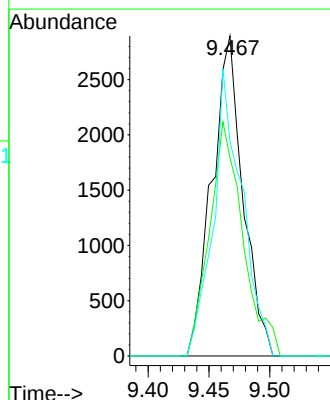
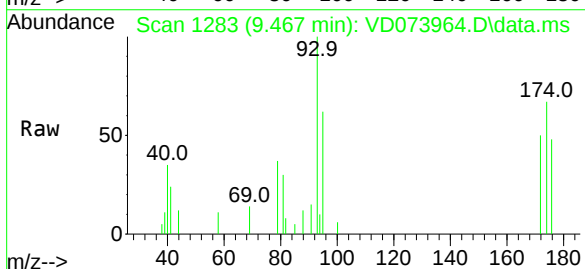
Tgt Ion: 93 Resp: 5128

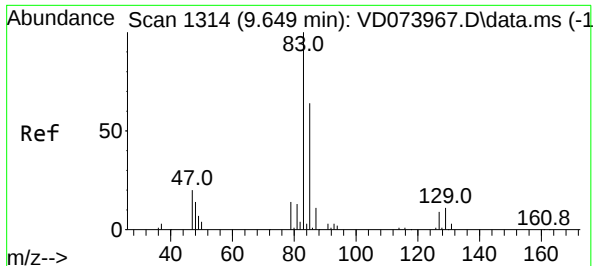
Ion Ratio Lower Upper

93 100

95 79.0 63.6 95.4

174 83.5 74.9 112.3

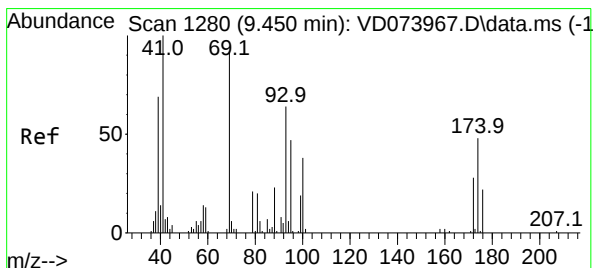
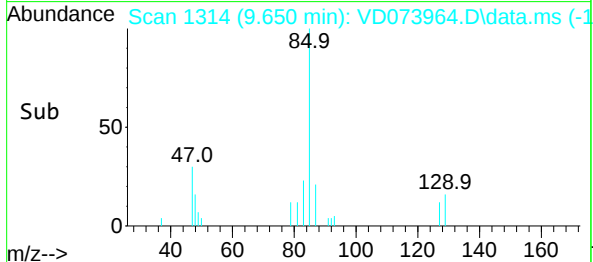
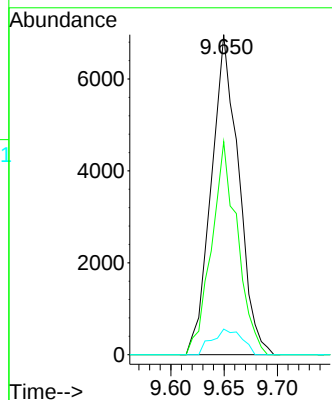
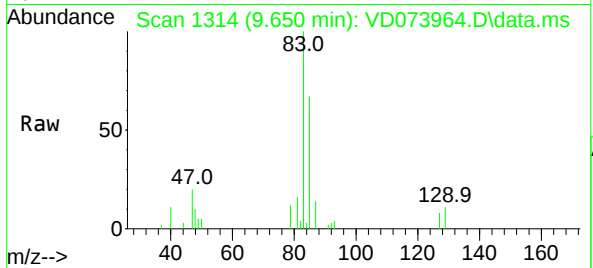




#47
Bromodichloromethane
Concen: 5.103 ug/l
RT: 9.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

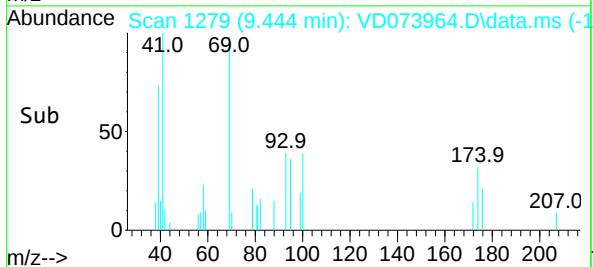
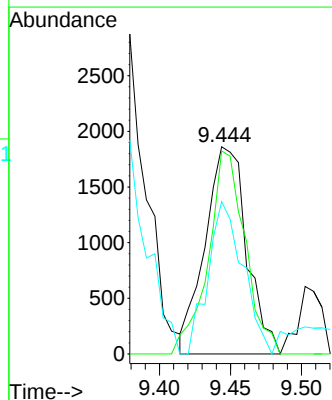
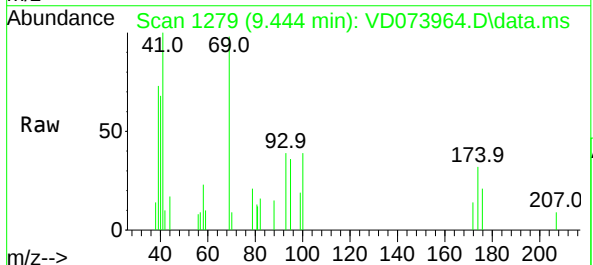
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

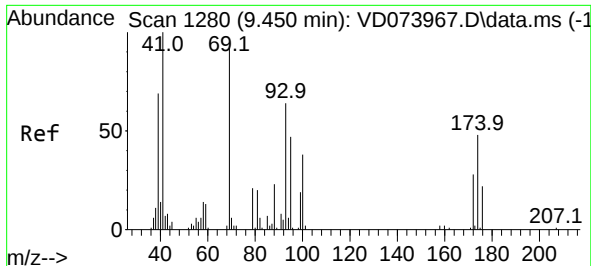
Tgt Ion: 83	Resp: 12424
Ion Ratio	Lower Upper
83 100	
85 66.5	51.5 77.3
127 8.0	7.4 11.0



#48
Methyl methacrylate
Concen: 4.791 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 41	Resp: 3795
Ion Ratio	Lower Upper
41 100	
69 86.6	70.6 105.8
39 61.5	50.6 76.0





#49

1,4-Dioxane

Concen: 113.726 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD073964.D

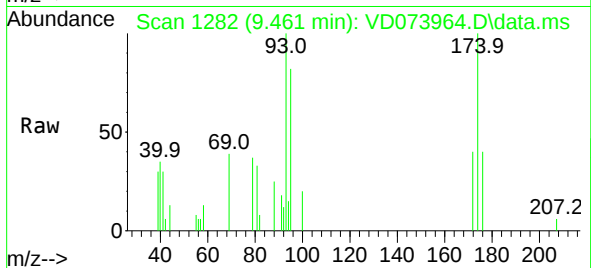
Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005



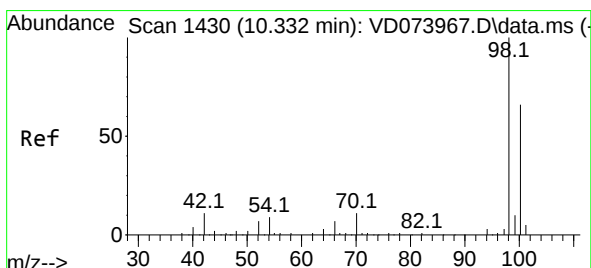
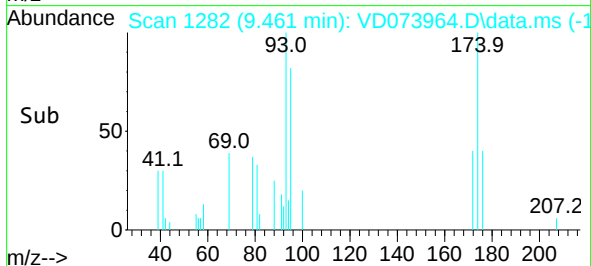
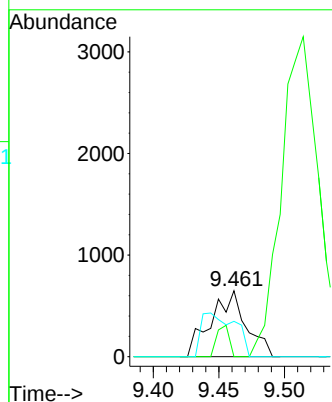
Tgt Ion: 88 Resp: 1207

Ion Ratio Lower Upper

88 100

43 16.7 24.4 36.6#

58 63.9 58.0 87.0



#50

Toluene-d8

Concen: 5.742 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073964.D

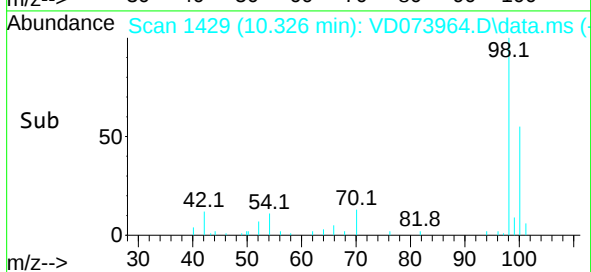
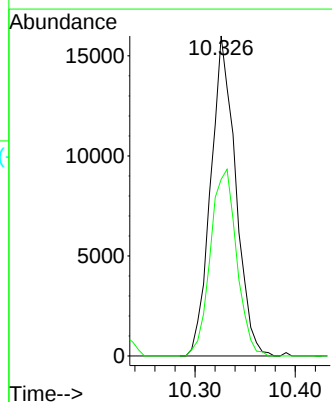
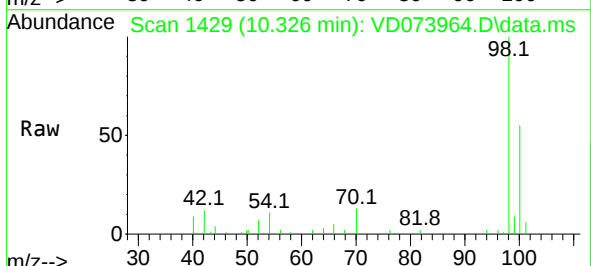
Acq: 05 Aug 2022 13:58

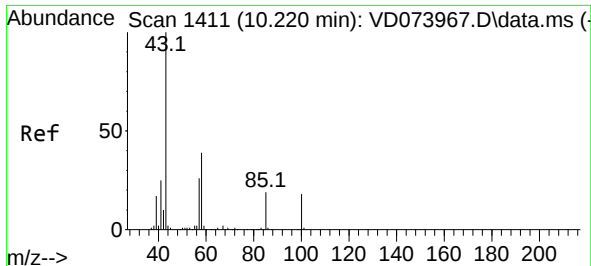
Tgt Ion: 98 Resp: 27565

Ion Ratio Lower Upper

98 100

100 61.4 52.4 78.6

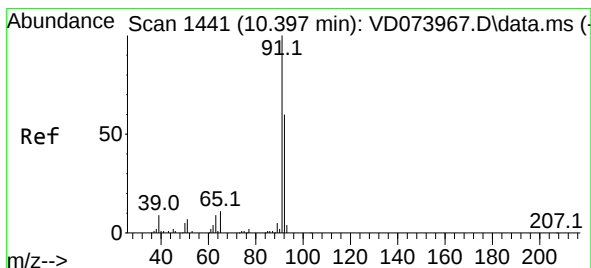
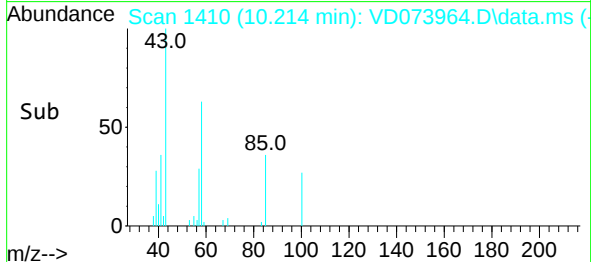
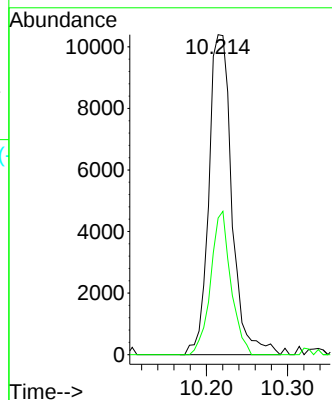
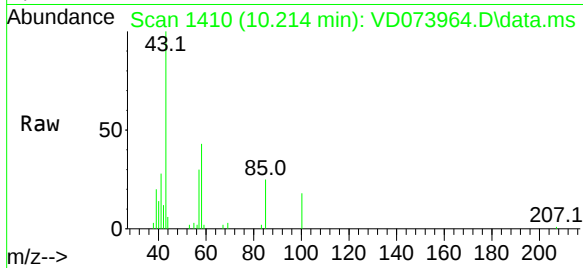




#51
4-Methyl-2-Pentanone
Concen: 23.778 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

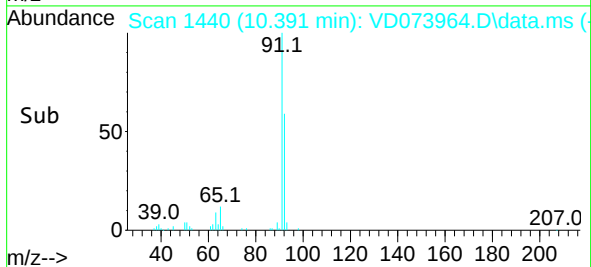
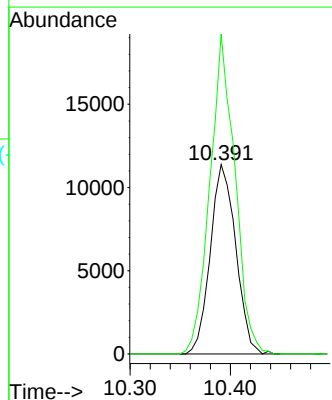
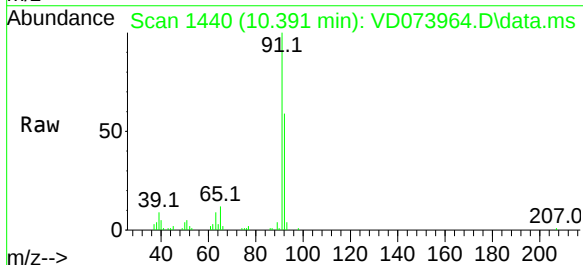
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

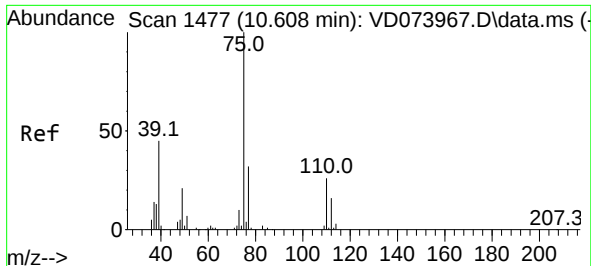
Tgt Ion: 43 Resp: 20492
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4



#52
Toluene
Concen: 4.690 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 92 Resp: 20082
Ion Ratio Lower Upper
92 100
91 166.4 135.6 203.4

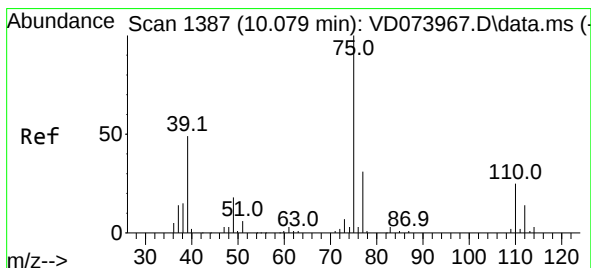
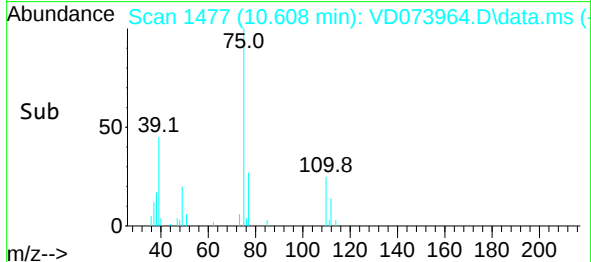
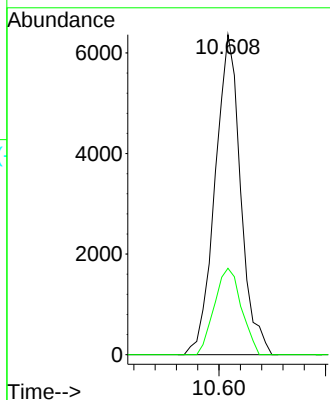
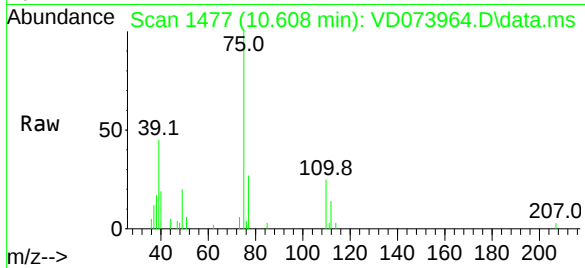




#53
t-1,3-Dichloropropene
Concen: 4.833 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

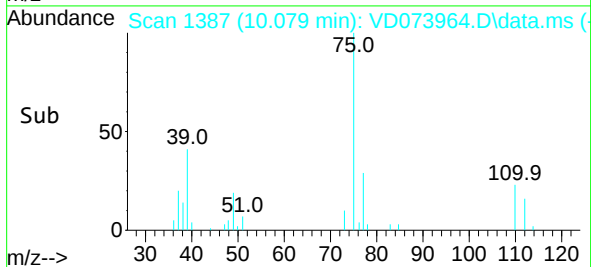
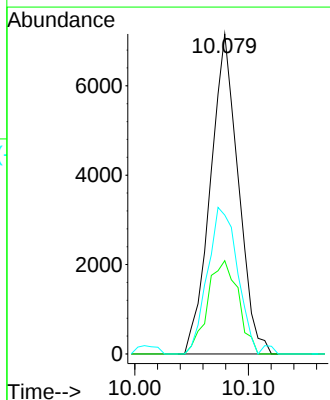
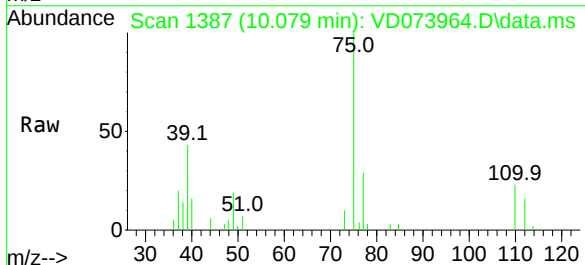
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

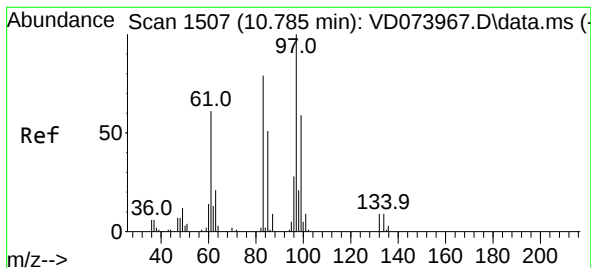
Tgt Ion: 75 Resp: 10592
Ion Ratio Lower Upper
75 100
77 27.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.886 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 75 Resp: 12212
Ion Ratio Lower Upper
75 100
77 29.1 25.0 37.4
39 43.4 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 4.962 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 6284

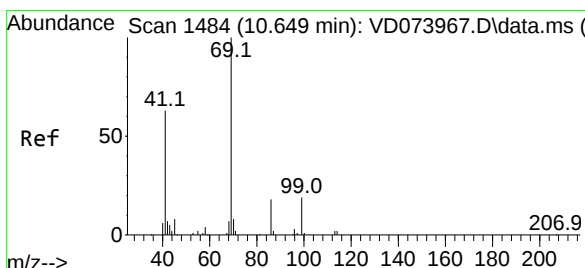
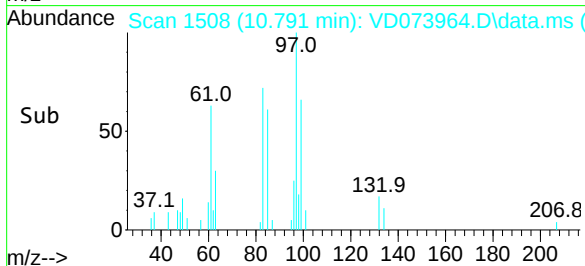
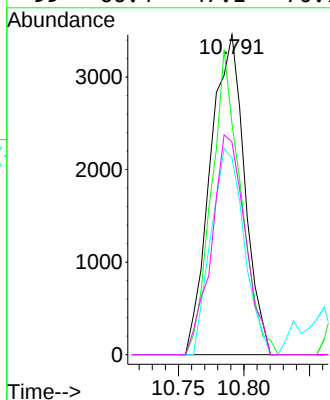
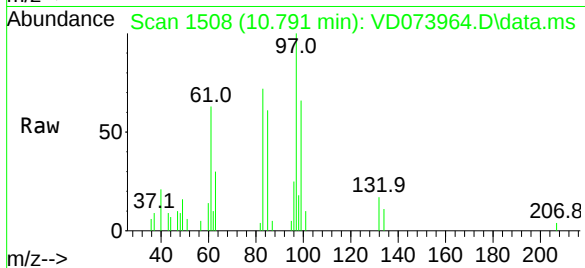
Ion Ratio Lower Upper

97 100

83 72.3 63.0 94.6

85 61.5 40.7 61.1#

99 66.4 47.1 70.7



#56

Ethyl methacrylate

Concen: 4.622 ug/l

RT: 10.650 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

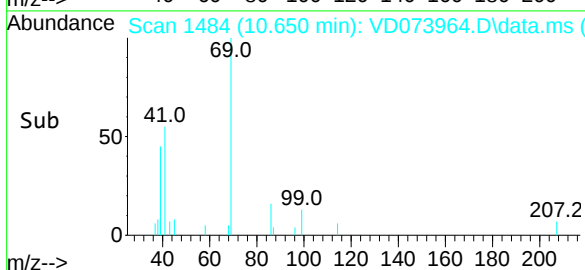
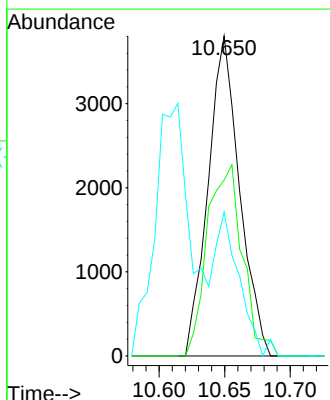
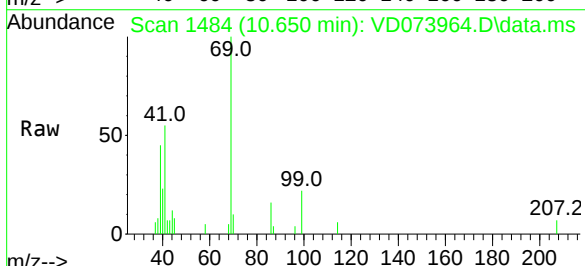
Tgt Ion: 69 Resp: 6358

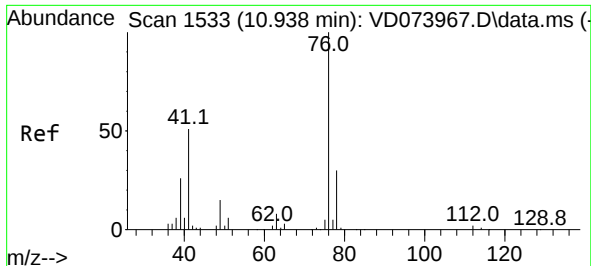
Ion Ratio Lower Upper

69 100

41 66.7 51.2 76.8

39 34.3 32.8 49.2





#57

1,3-Dichloropropane

Concen: 4.950 ug/l

RT: 10.932 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

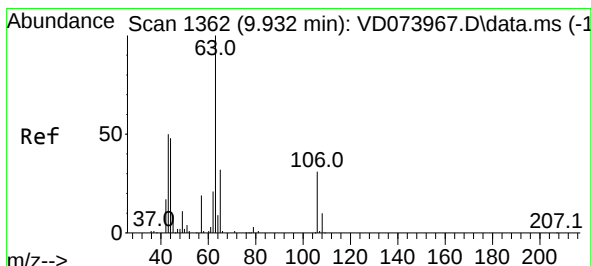
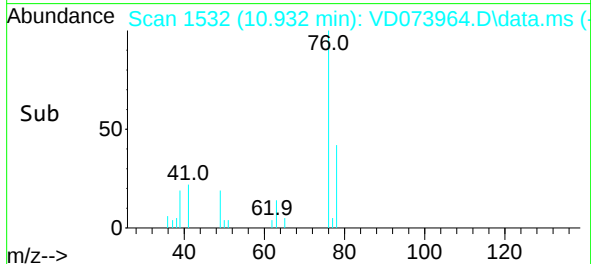
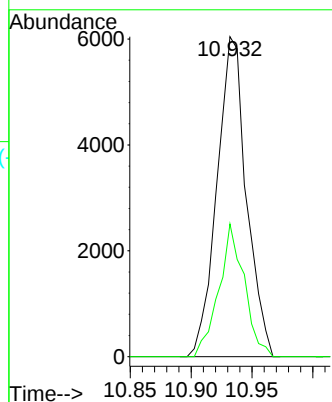
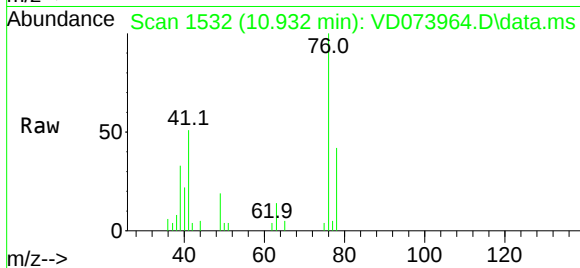
VSTDIC005

Tgt Ion: 76 Resp: 10174

Ion Ratio Lower Upper

76 100

78 35.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 24.200 ug/l

RT: 9.926 min Scan# 1361

Delta R.T. -0.006 min

Lab File: VD073964.D

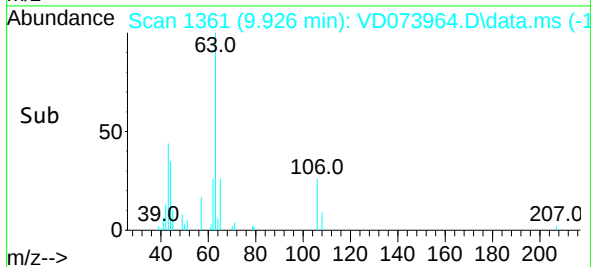
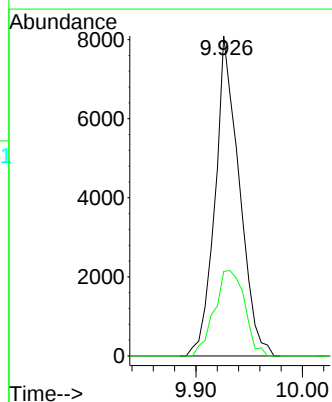
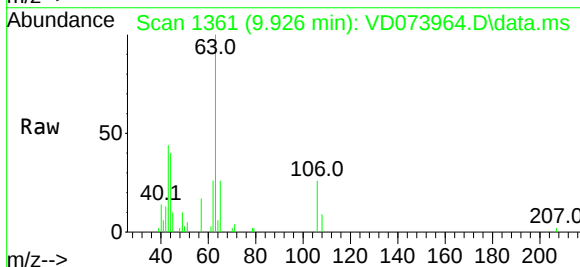
Acq: 05 Aug 2022 13:58

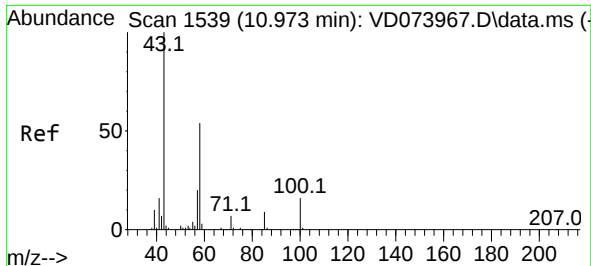
Tgt Ion: 63 Resp: 12732

Ion Ratio Lower Upper

63 100

106 33.5 25.2 37.8

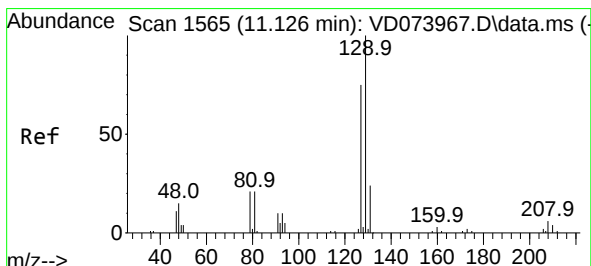
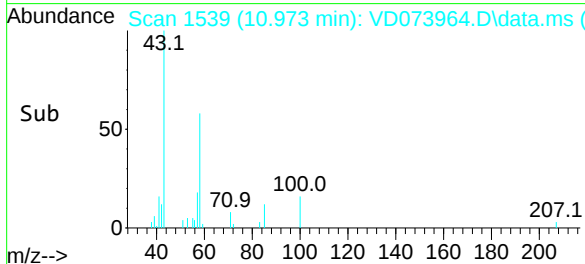
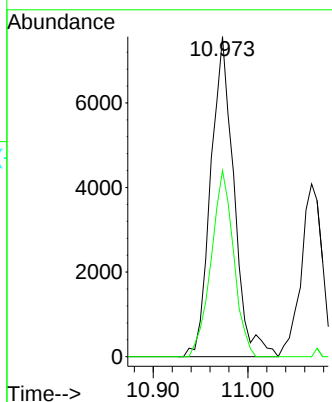
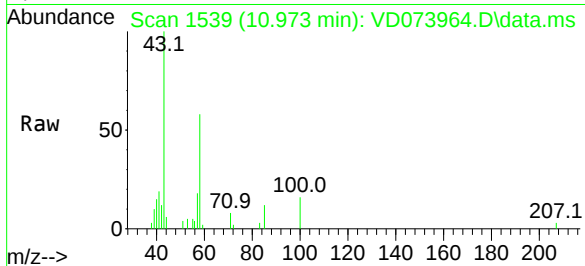




#59
2-Hexanone
Concen: 22.585 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

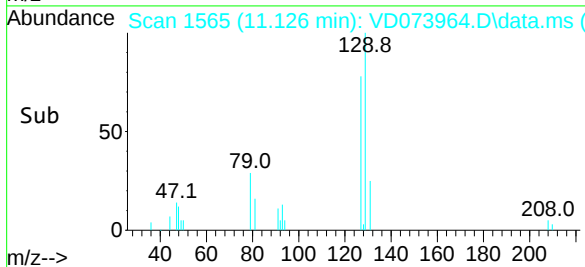
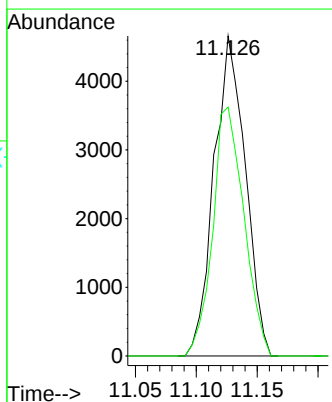
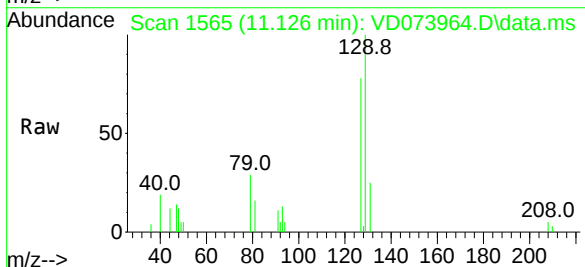
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

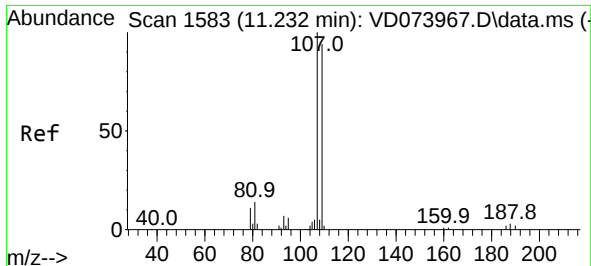
Tgt Ion: 43 Resp: 12892
Ion Ratio Lower Upper
43 100
58 56.3 27.4 82.0



#60
Dibromochloromethane
Concen: 4.925 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 129 Resp: 8357
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6

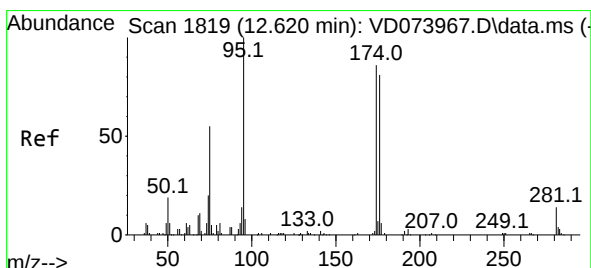
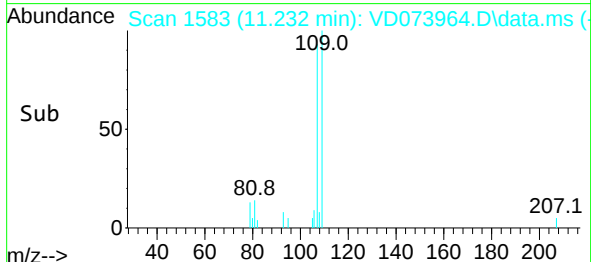
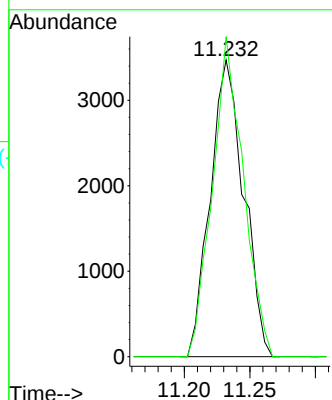
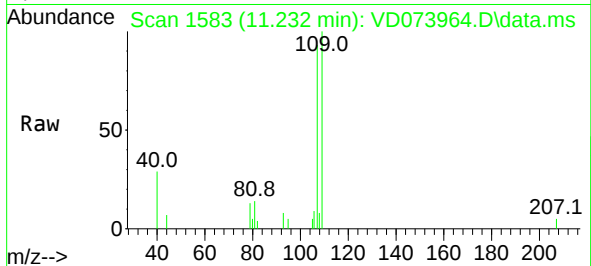




#61
1,2-Dibromoethane
Concen: 4.863 ug/l
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

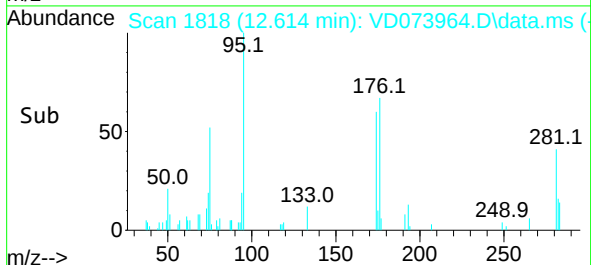
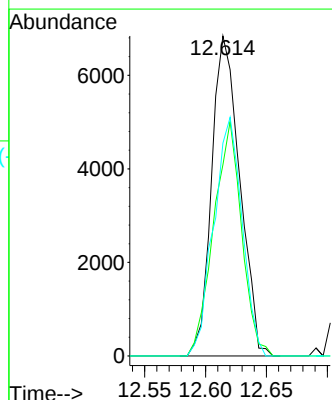
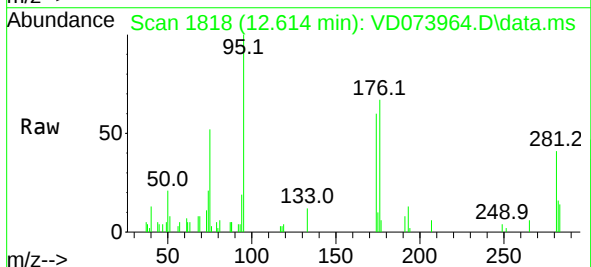
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

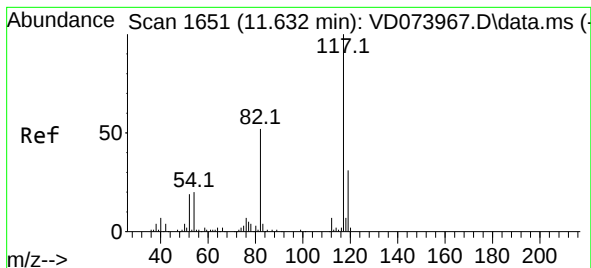
Tgt Ion:107 Resp: 6159
Ion Ratio Lower Upper
107 100
109 100.0 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 5.457 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 95 Resp: 10980
Ion Ratio Lower Upper
95 100
174 72.9 0.0 163.0
176 75.5 0.0 154.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

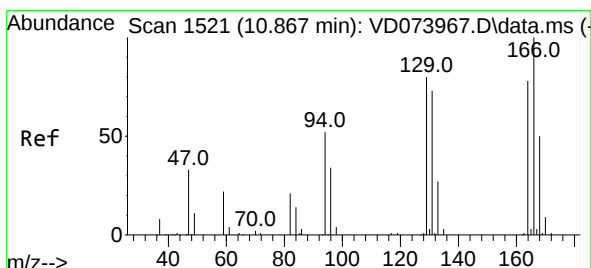
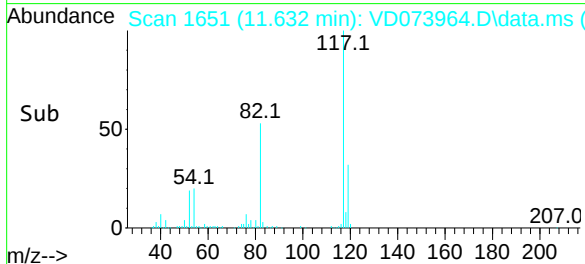
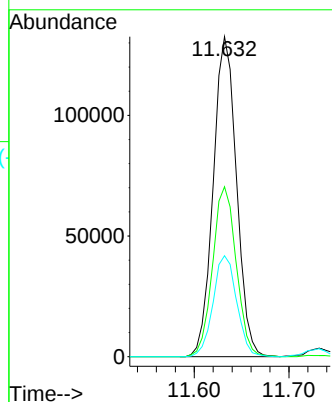
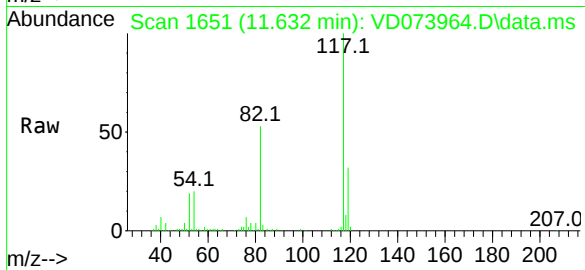
Tgt Ion:117 Resp: 226235

Ion Ratio Lower Upper

117 100

82 53.1 42.0 63.0

119 31.6 24.8 37.2



#64

Tetrachloroethene

Concen: 5.521 ug/l

RT: 10.861 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Tgt Ion:164 Resp: 8763

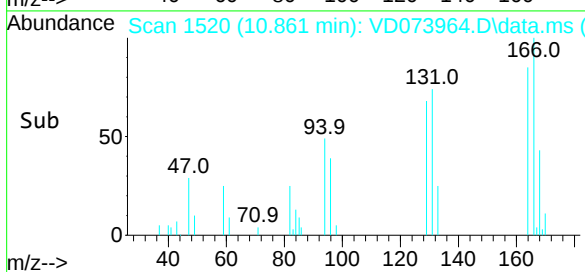
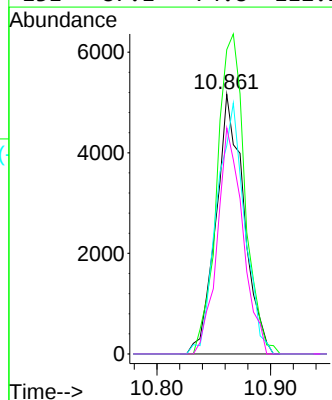
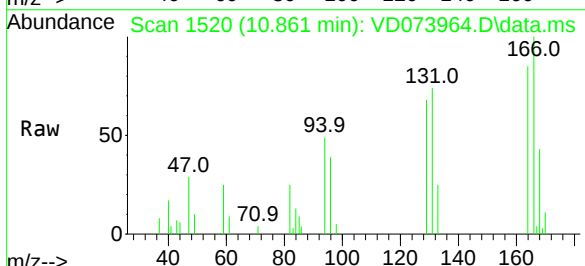
Ion Ratio Lower Upper

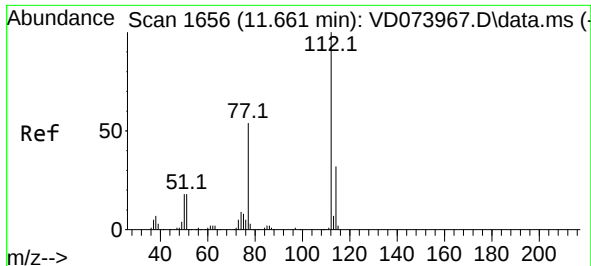
164 100

166 117.2 102.7 154.1

129 80.2 82.0 123.0#

131 87.1 74.8 112.2

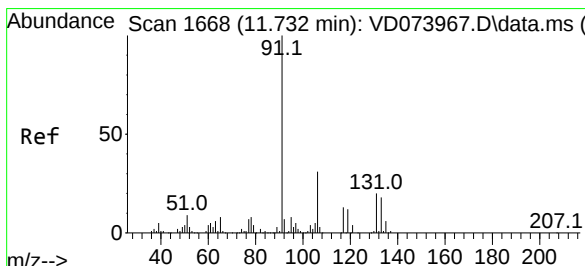
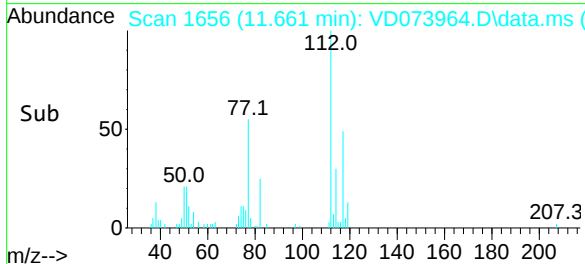
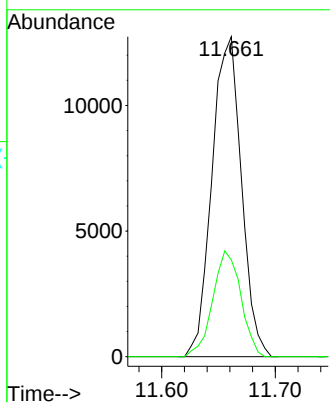
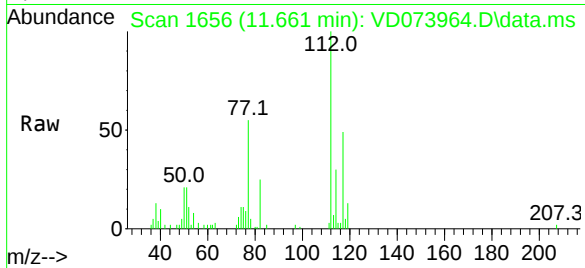




#65
Chlorobenzene
Concen: 5.019 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

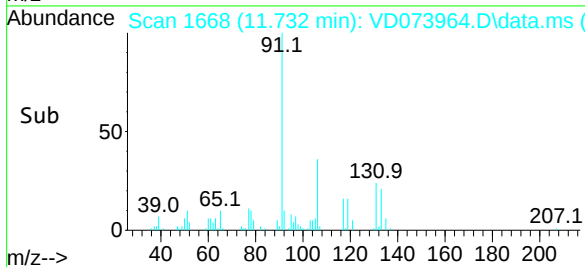
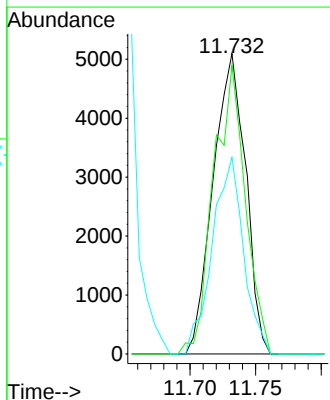
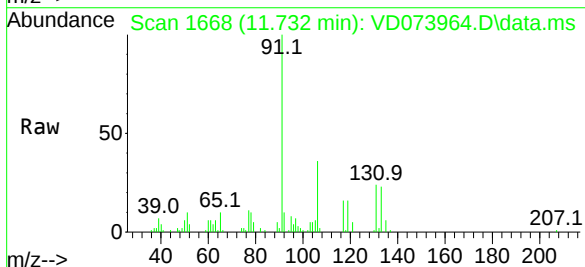
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

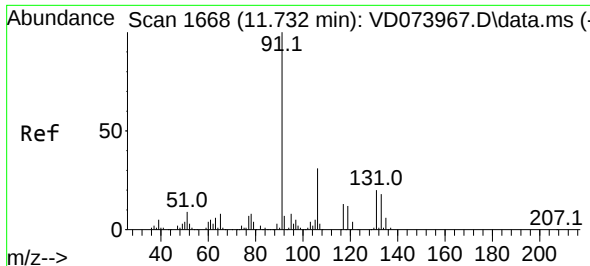
Tgt Ion:112 Resp: 22935
Ion Ratio Lower Upper
112 100
114 30.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.028 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:131 Resp: 8787
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 62.9 31.1 93.2

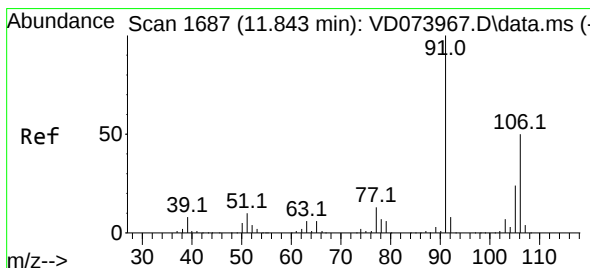
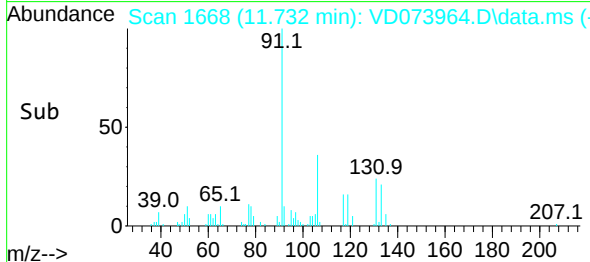
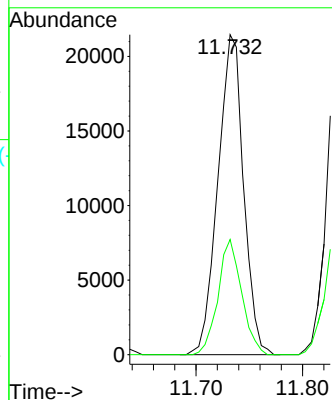
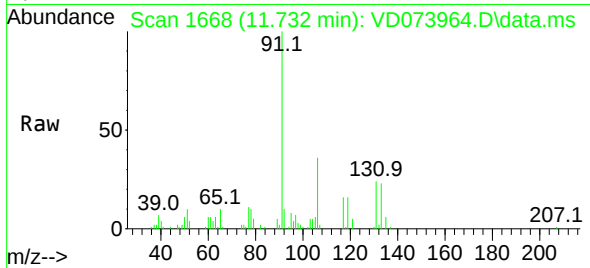




#67
Ethyl Benzene
Concen: 4.511 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

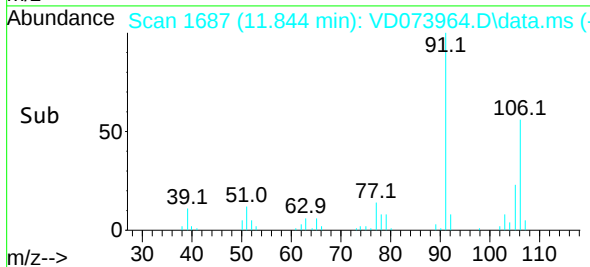
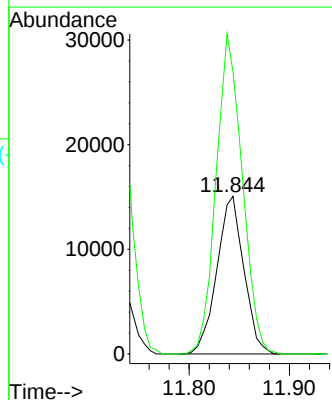
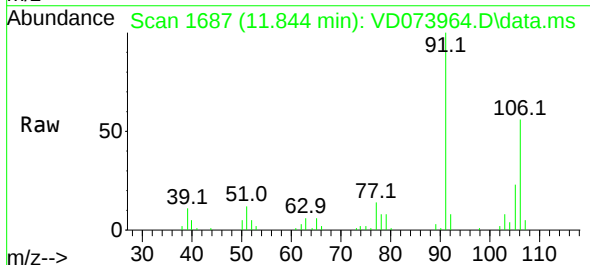
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

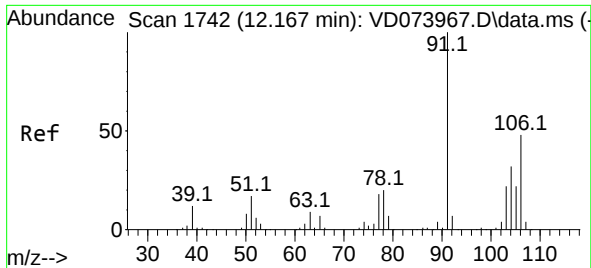
Tgt Ion: 91 Resp: 35779
Ion Ratio Lower Upper
91 100
106 36.0 25.0 37.4



#68
m/p-Xylenes
Concen: 8.746 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 106 Resp: 28122
Ion Ratio Lower Upper
106 100
91 197.0 159.7 239.5

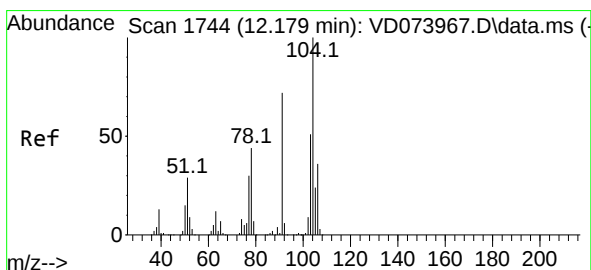
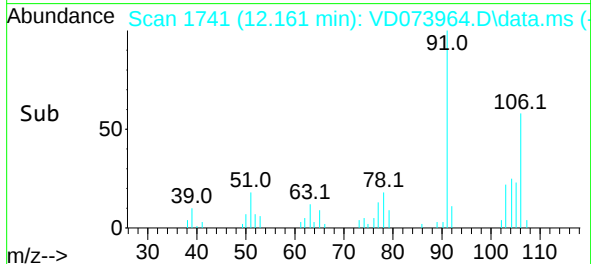
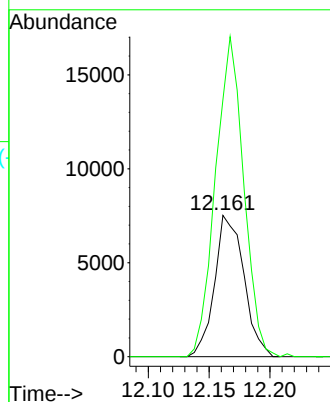
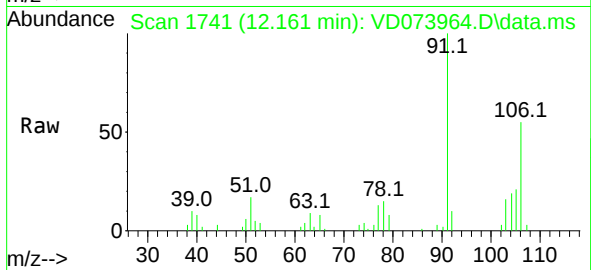




#69
o-Xylene
Concen: 4.254 ug/l
RT: 12.161 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

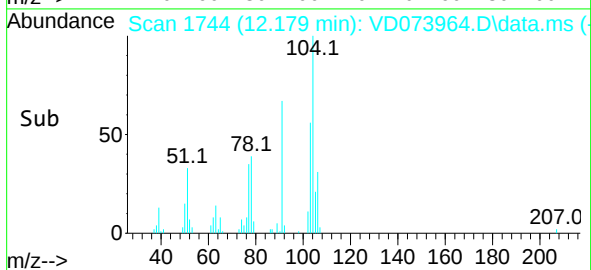
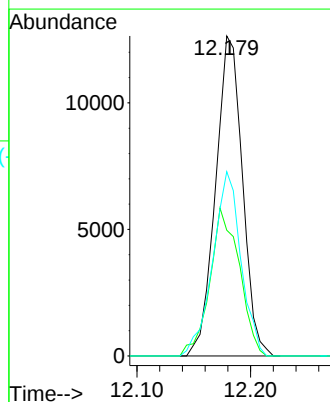
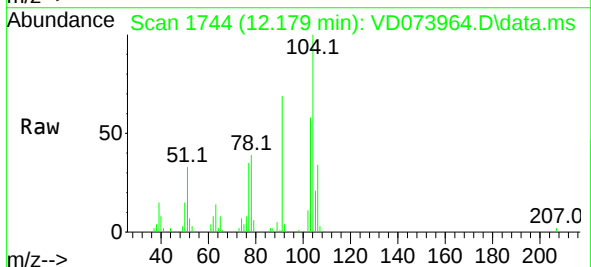
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

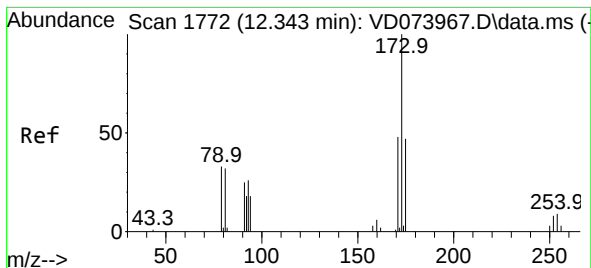
Tgt Ion:106 Resp: 12561
Ion Ratio Lower Upper
106 100
91 218.9 103.5 310.3



#70
Styrene
Concen: 4.118 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:104 Resp: 20774
Ion Ratio Lower Upper
104 100
78 50.7 38.4 57.6
103 60.4 43.6 65.4





#71

Bromoform

Concen: 5.050 ug/l

RT: 12.344 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

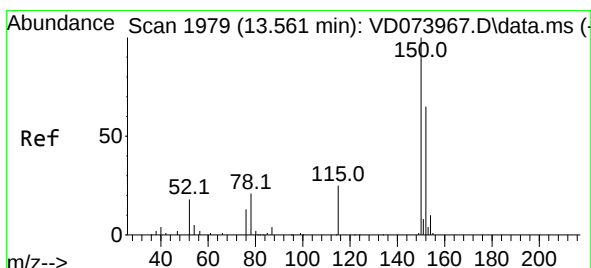
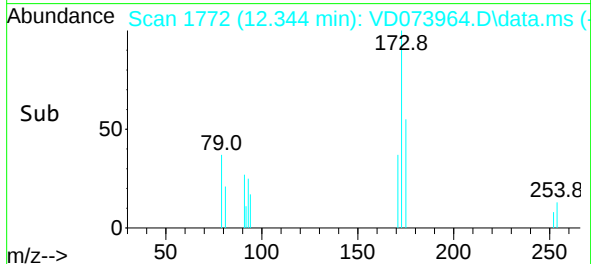
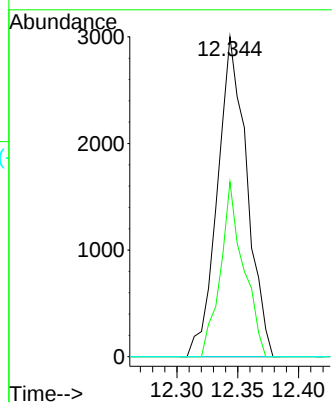
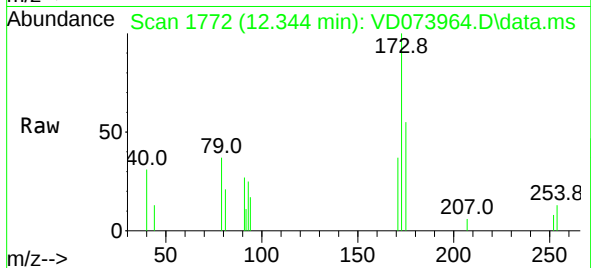
Tgt Ion:173 Resp: 5043

Ion Ratio Lower Upper

173 100

175 42.8 24.0 72.0

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: VD073964.D

Acq: 05 Aug 2022 13:58

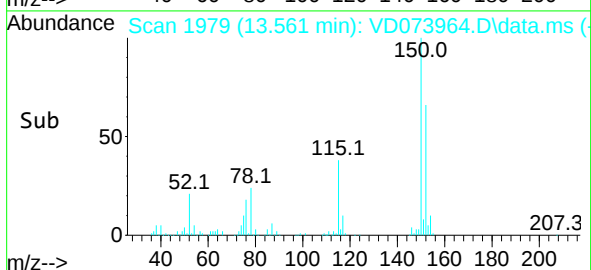
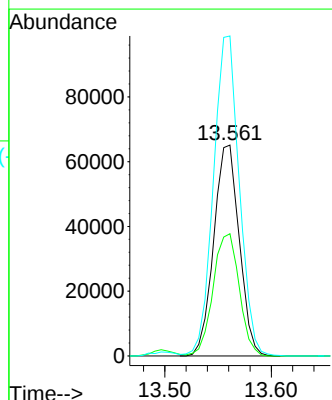
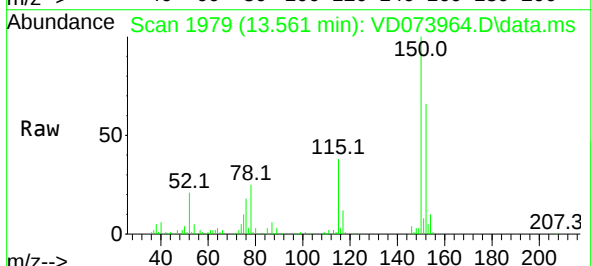
Tgt Ion:152 Resp: 108259

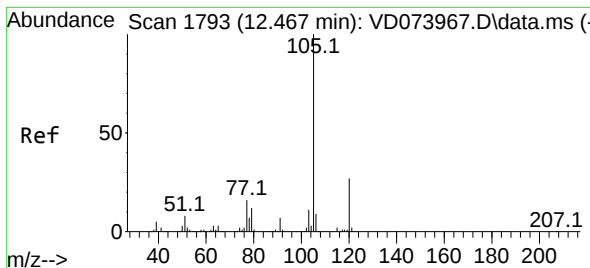
Ion Ratio Lower Upper

152 100

115 59.4 30.4 91.3

150 153.7 0.0 357.2





#73

Isopropylbenzene

Concen: 4.508 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

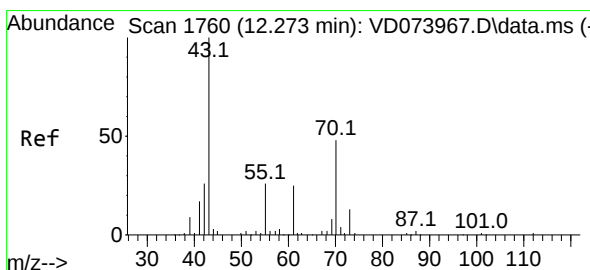
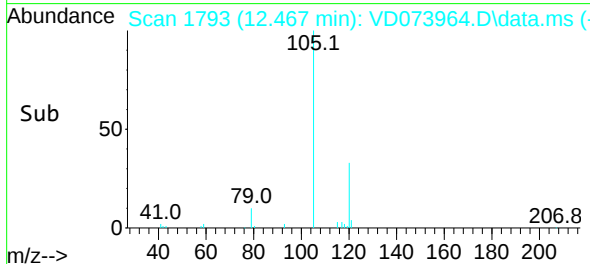
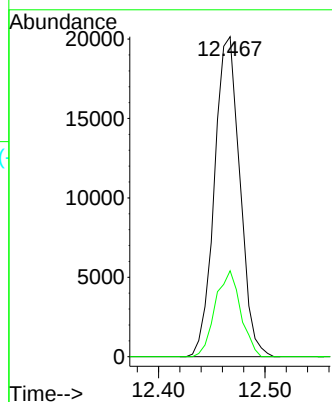
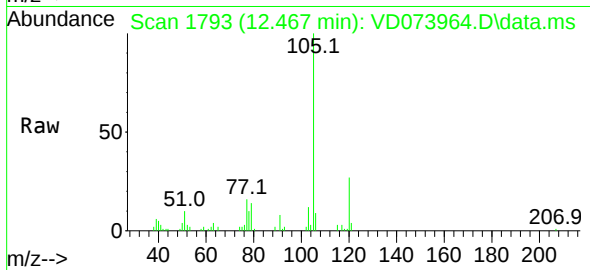
VSTDIC005

Tgt Ion:105 Resp: 33386

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 4.583 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Tgt Ion: 43 Resp: 6734

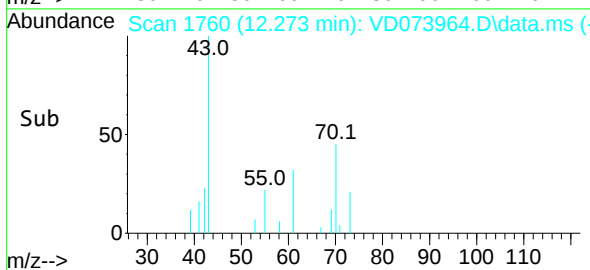
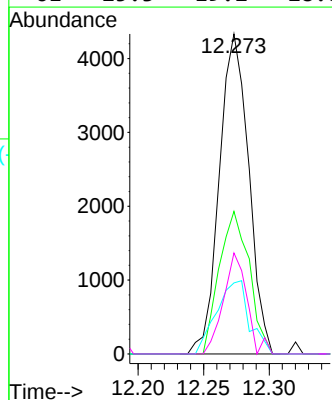
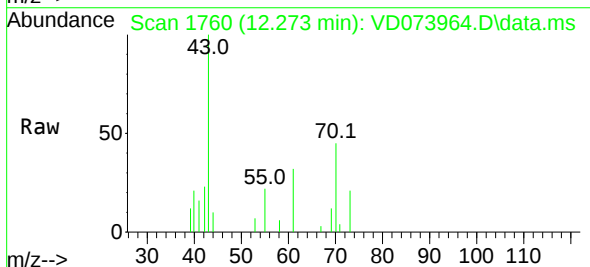
Ion Ratio Lower Upper

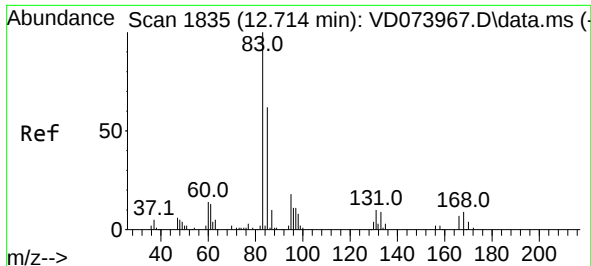
43 100

70 45.6 36.6 54.8

55 25.6 19.8 29.8

61 25.3 19.2 28.8

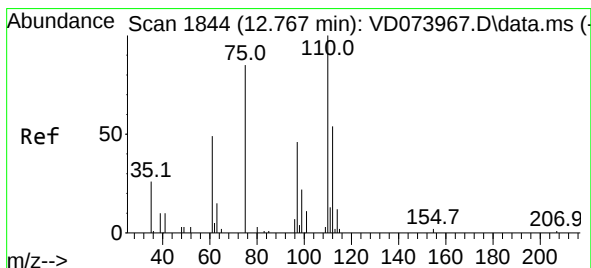
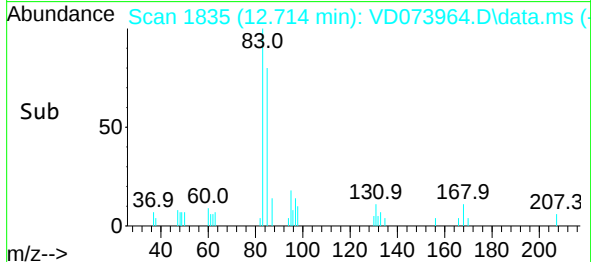
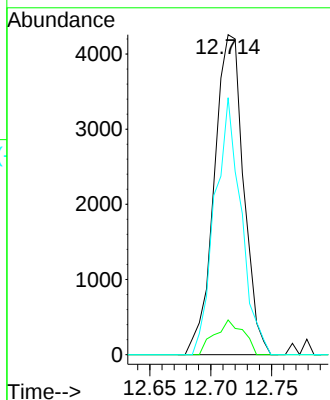
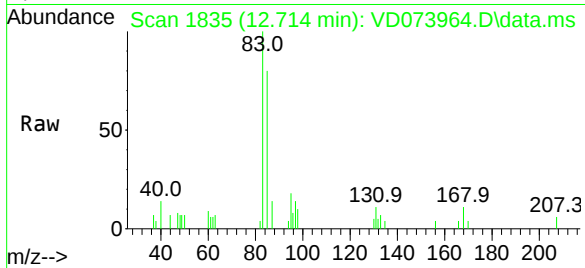




#75
1,1,2,2-Tetrachloroethane
Concen: 5.334 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

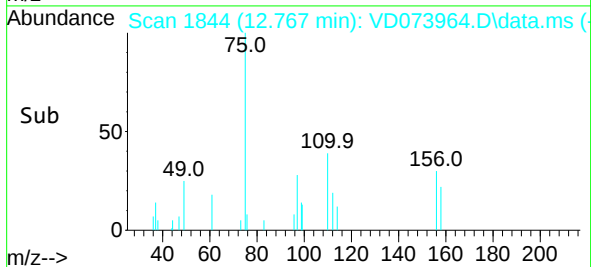
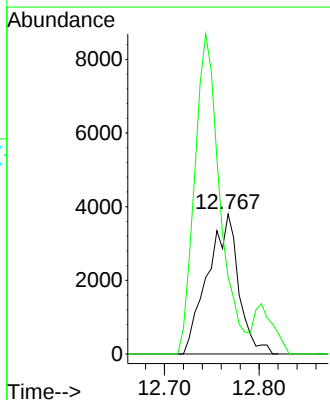
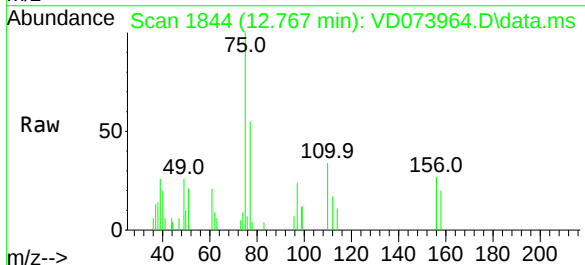
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

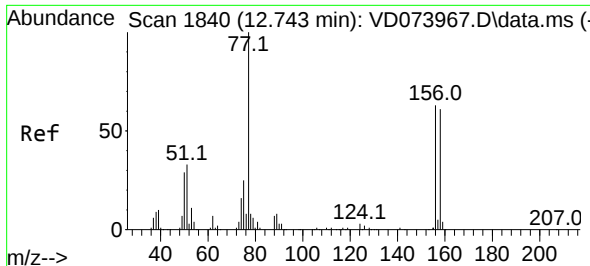
Tgt Ion:	83	Resp:	7162
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.5	16.5
85	71.9	31.3	93.8



#76
1,2,3-Trichloropropane
Concen: 9.248 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:	75	Resp:	8615
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

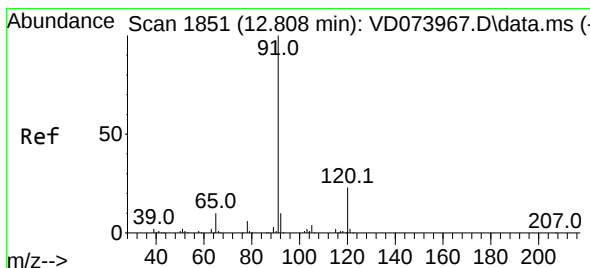
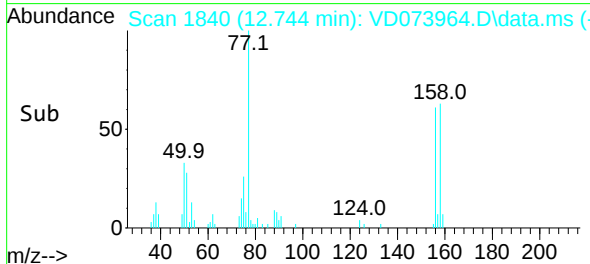
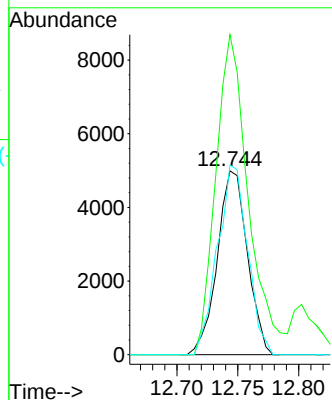
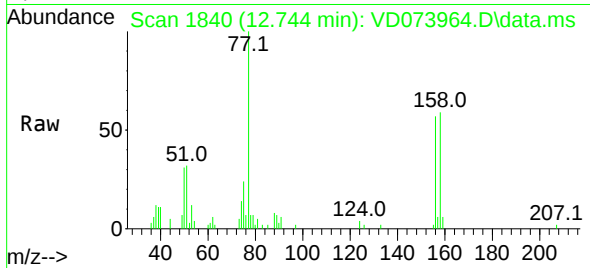




#77
Bromobenzene
Concen: 4.920 ug/l
RT: 12.744 min Scan# 1840
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

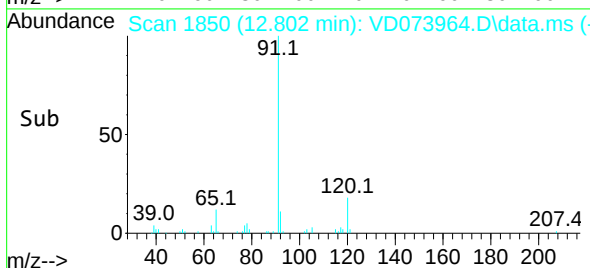
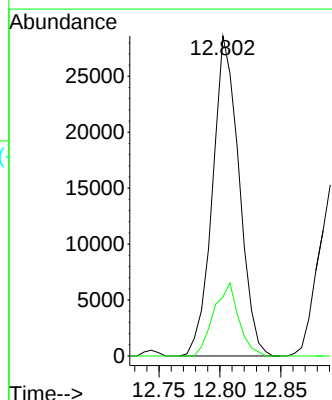
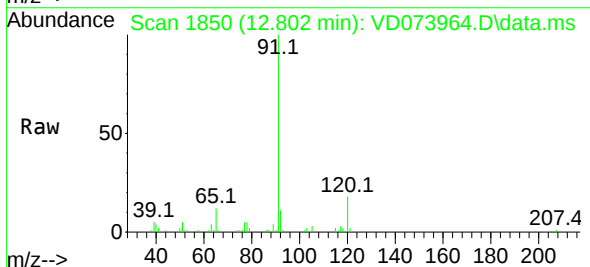
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

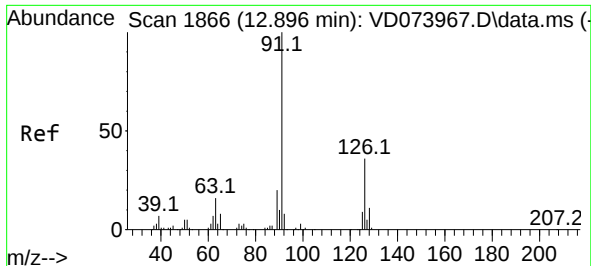
Tgt Ion:156 Resp: 8584
Ion Ratio Lower Upper
156 100
77 189.0 84.3 252.9
158 102.9 47.8 143.4



#78
n-propylbenzene
Concen: 4.753 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 91 Resp: 43327
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.7

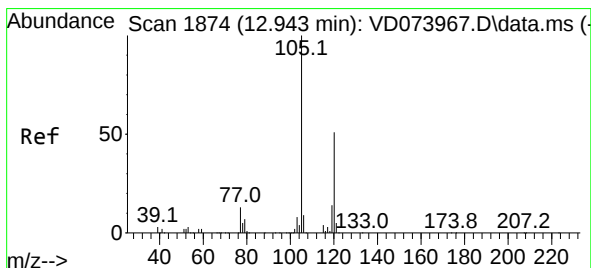
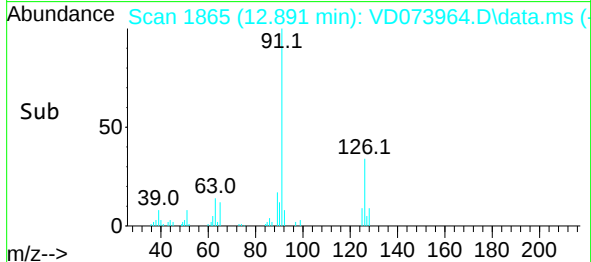
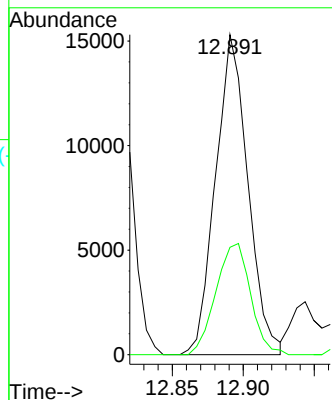
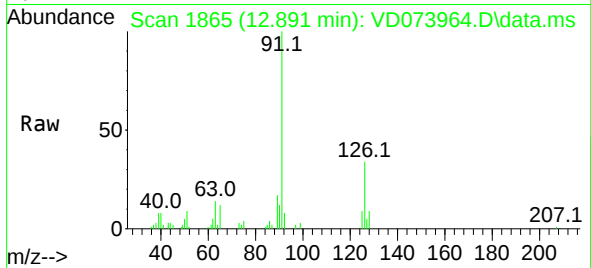




#79
2-Chlorotoluene
Concen: 4.735 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

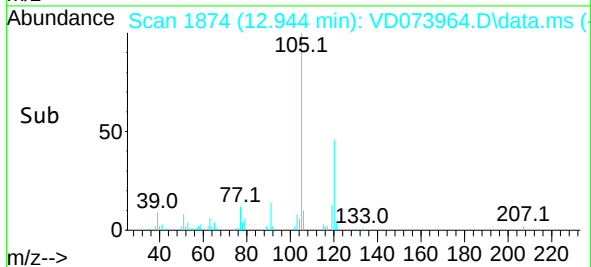
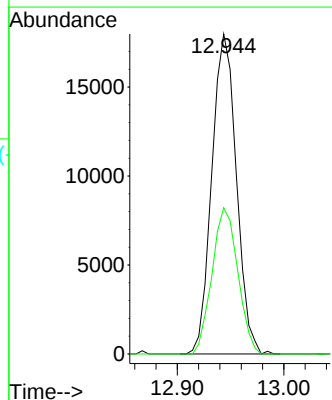
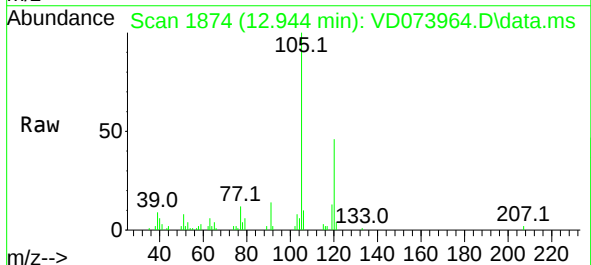
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

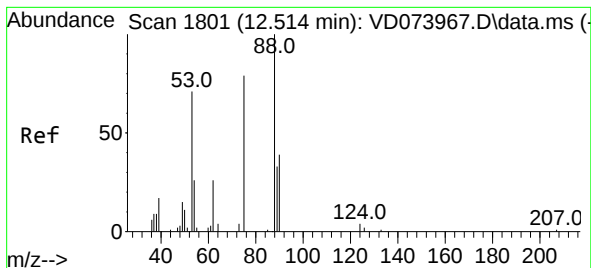
Tgt Ion: 91 Resp: 24279
Ion Ratio Lower Upper
91 100
126 37.2 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 4.565 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:105 Resp: 28752
Ion Ratio Lower Upper
105 100
120 47.9 25.2 75.6

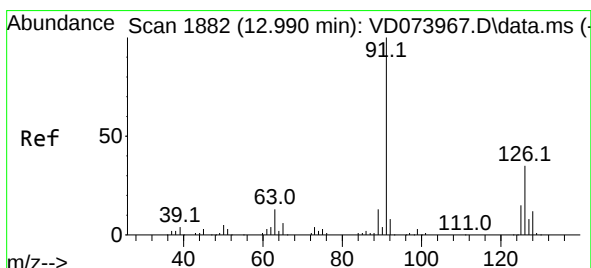
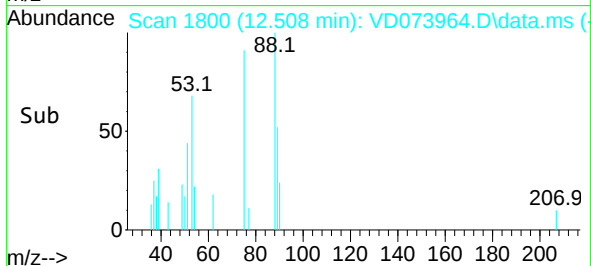
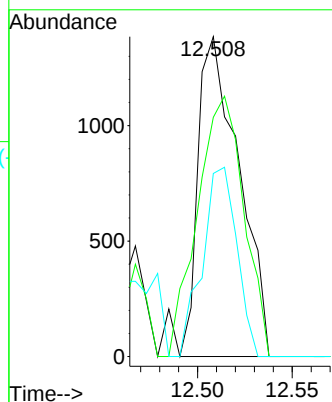
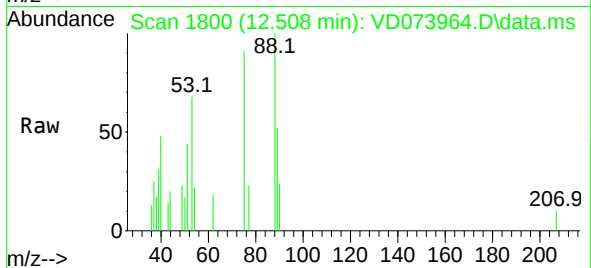




#81
trans-1,4-Dichloro-2-butene
Concen: 5.222 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

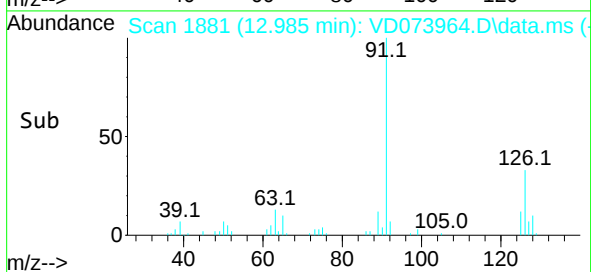
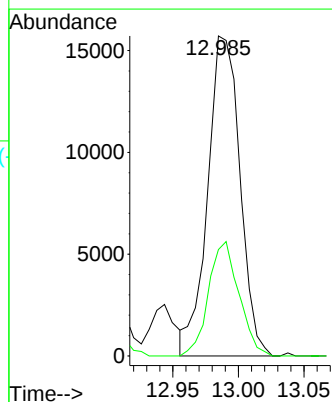
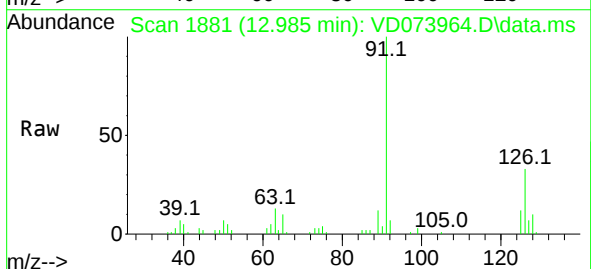
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

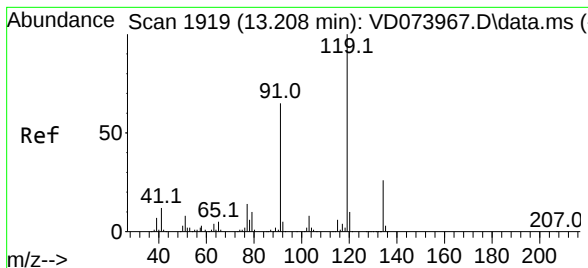
Tgt Ion: 75 Resp: 2075
Ion Ratio Lower Upper
75 100
53 92.8 75.8 113.6
89 50.1 37.8 56.8



#82
4-Chlorotoluene
Concen: 4.915 ug/l
RT: 12.985 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 91 Resp: 26848
Ion Ratio Lower Upper
91 100
126 33.8 17.4 52.3

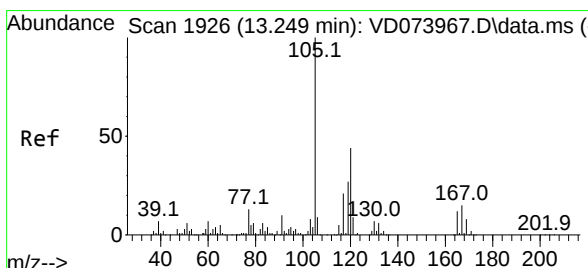
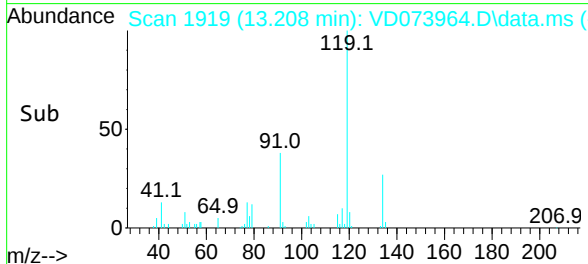
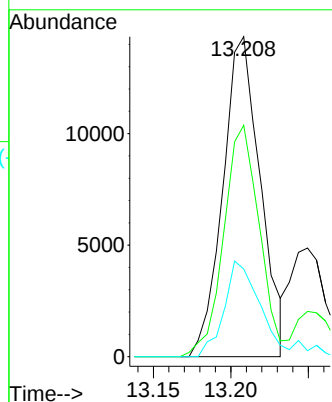
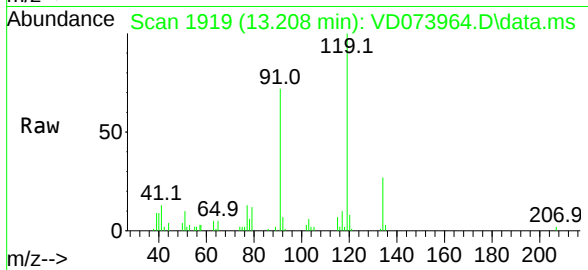




#83
tert-Butylbenzene
Concen: 4.473 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

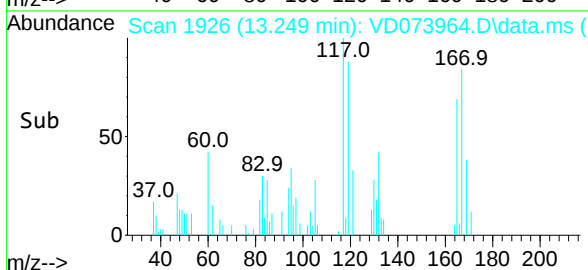
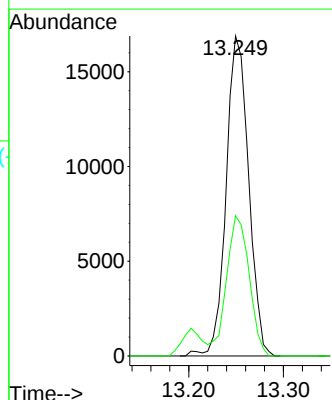
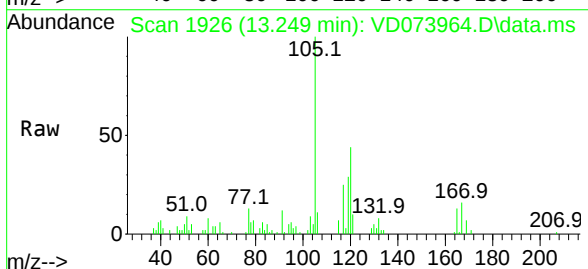
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

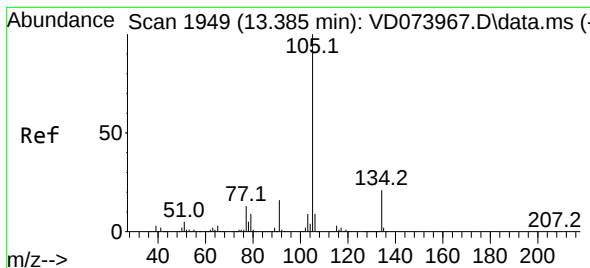
Tgt Ion:119 Resp: 24167
Ion Ratio Lower Upper
119 100
91 68.2 32.9 98.7
134 28.2 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 4.422 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:105 Resp: 27874
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 4.602 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

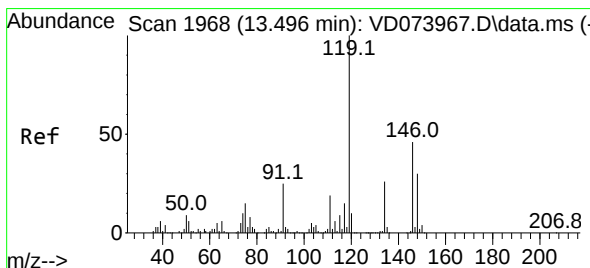
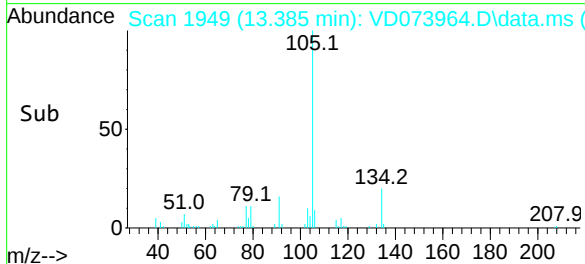
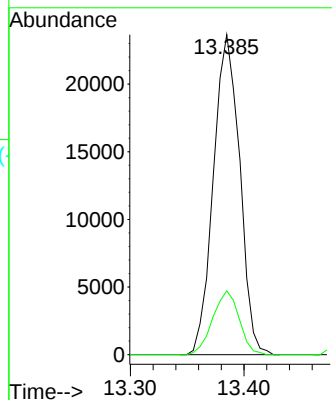
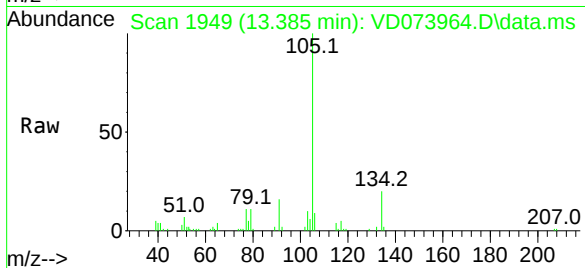
VSTDIC005

Tgt Ion:105 Resp: 38024

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.632 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

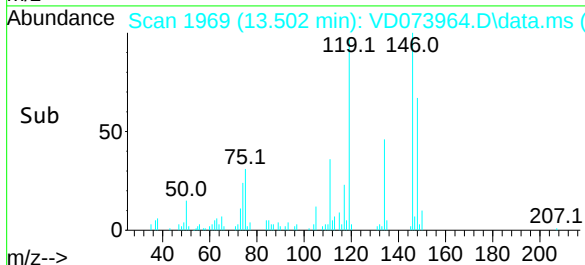
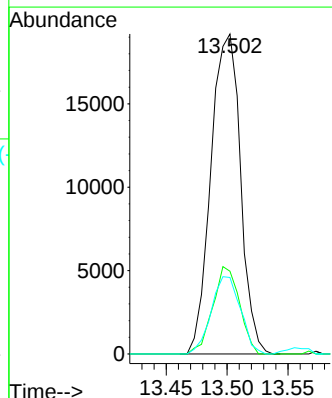
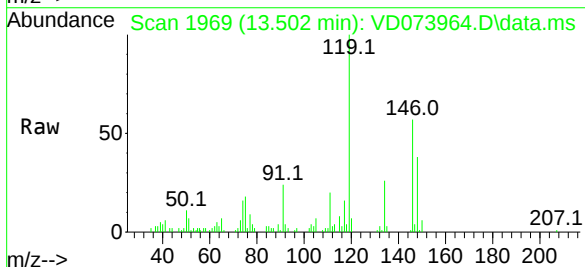
Tgt Ion:119 Resp: 32456

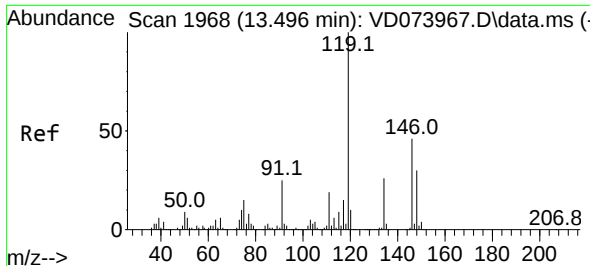
Ion Ratio Lower Upper

119 100

134 24.7 13.1 39.3

91 23.9 11.9 35.7

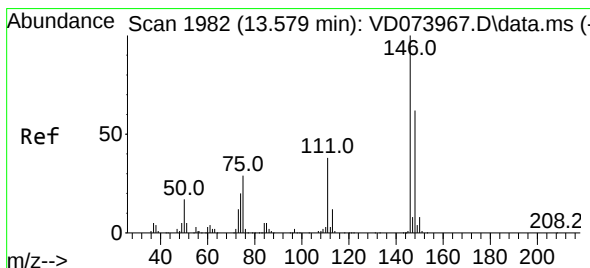
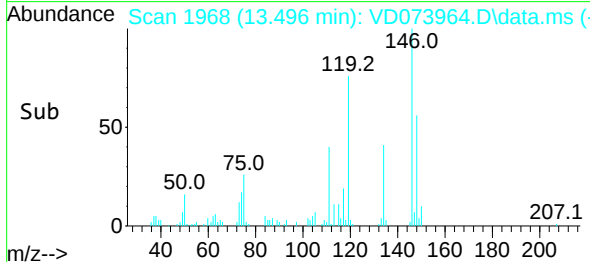
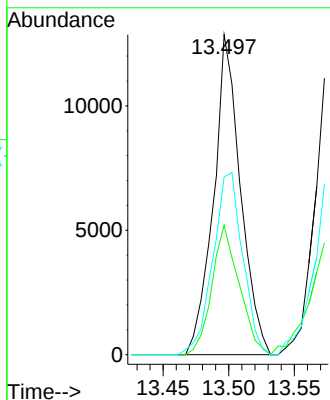
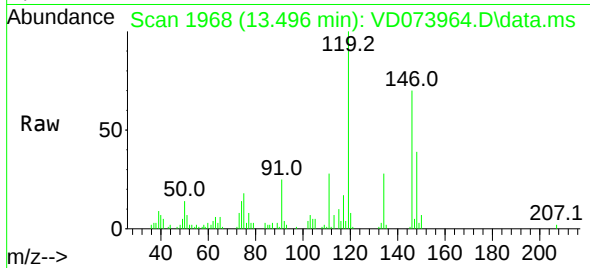




#87
1,3-Dichlorobenzene
Concen: 5.033 ug/l
RT: 13.496 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

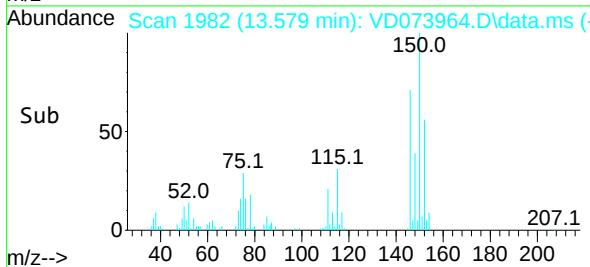
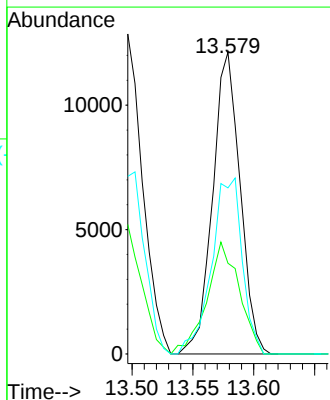
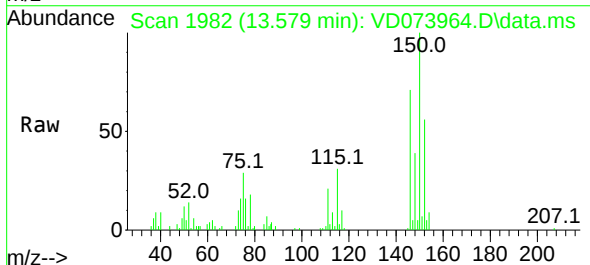
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

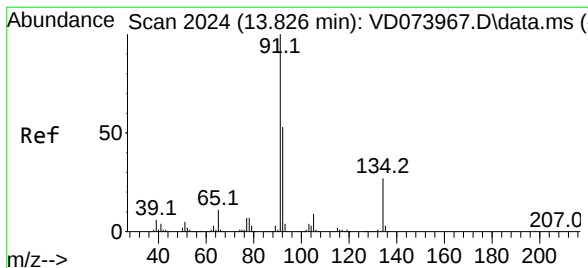
Tgt Ion:146 Resp: 18384
Ion Ratio Lower Upper
146 100
111 41.0 20.2 60.5
148 62.7 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 5.192 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:146 Resp: 19042
Ion Ratio Lower Upper
146 100
111 43.8 18.9 56.7
148 65.1 31.4 94.3





#89

n-Butylbenzene

Concen: 4.678 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

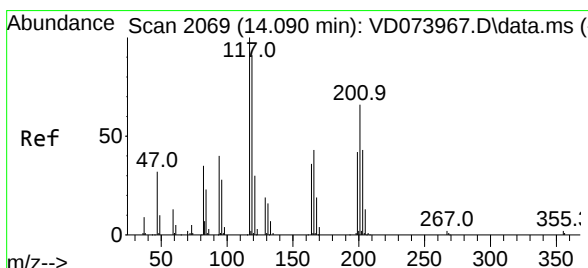
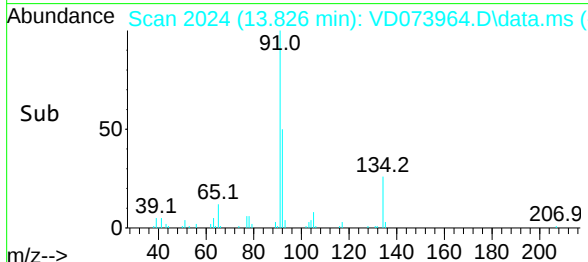
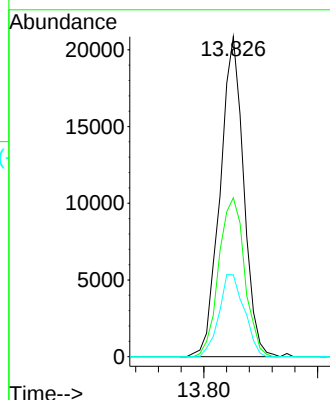
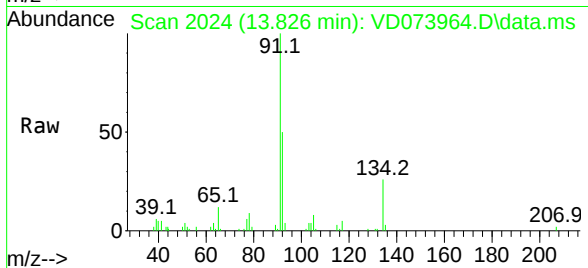
Tgt Ion: 91 Resp: 30092

Ion Ratio Lower Upper

91 100

92 54.2 26.3 78.8

134 27.4 13.3 39.8



#90

Hexachloroethane

Concen: 4.974 ug/l

RT: 14.085 min Scan# 2068

Delta R.T. -0.006 min

Lab File: VD073964.D

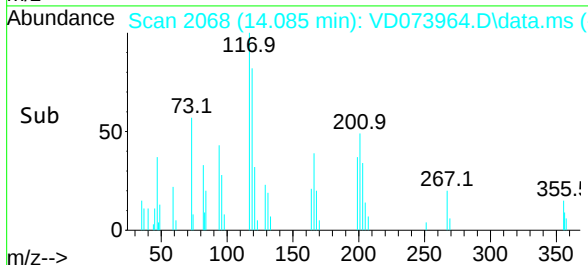
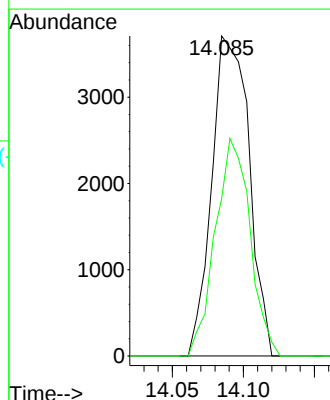
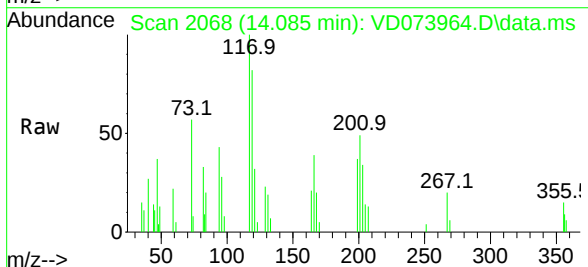
Acq: 05 Aug 2022 13:58

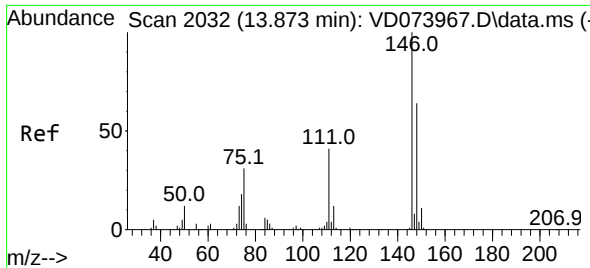
Tgt Ion: 117 Resp: 6766

Ion Ratio Lower Upper

117 100

201 63.3 34.1 102.3

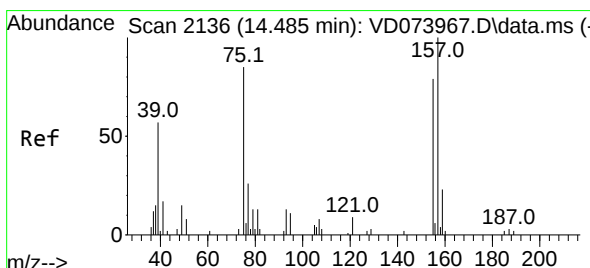
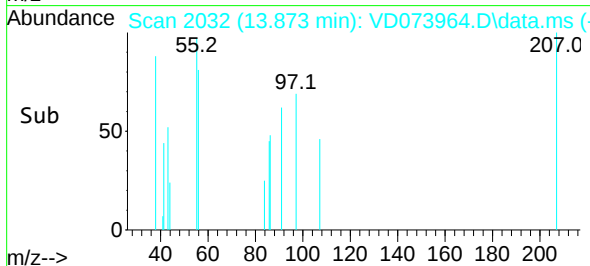
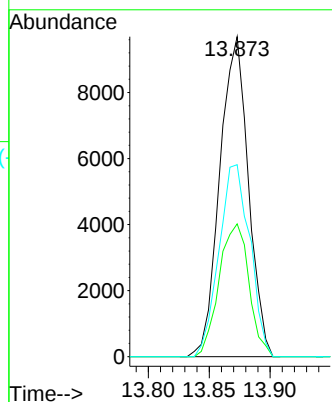
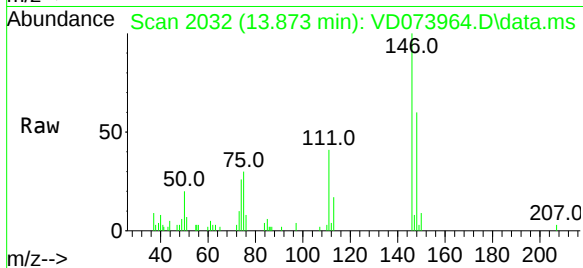




#91
1,2-Dichlorobenzene
Concen: 5.024 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

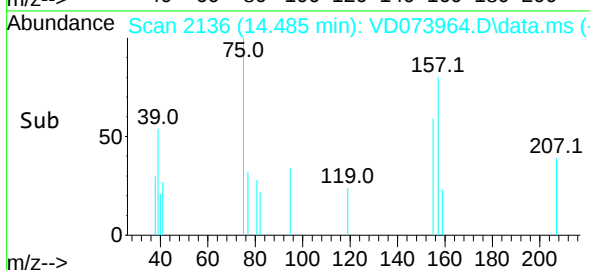
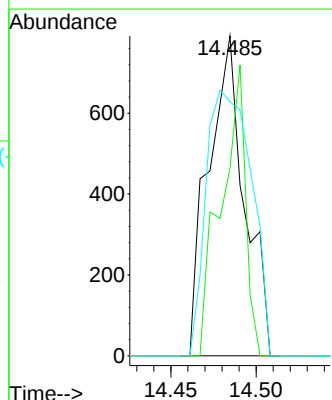
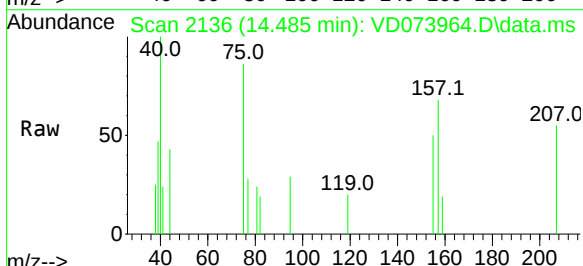
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

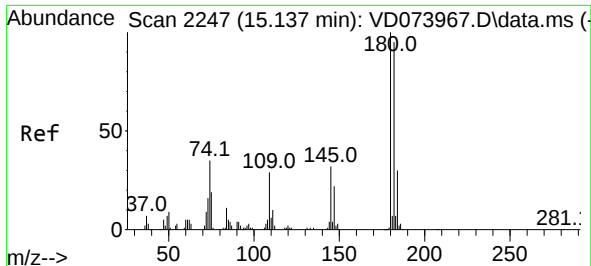
Tgt Ion:146 Resp: 15815
Ion Ratio Lower Upper
146 100
111 43.4 20.8 62.5
148 64.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.320 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion: 75 Resp: 1171
Ion Ratio Lower Upper
75 100
155 61.2 47.0 141.0
157 103.8 59.1 177.2

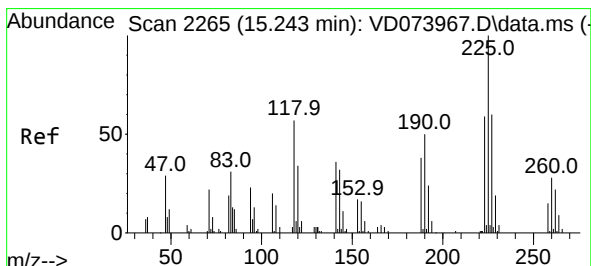
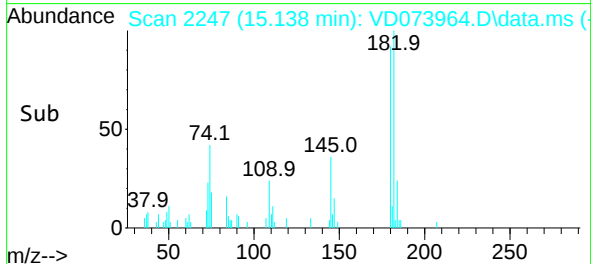
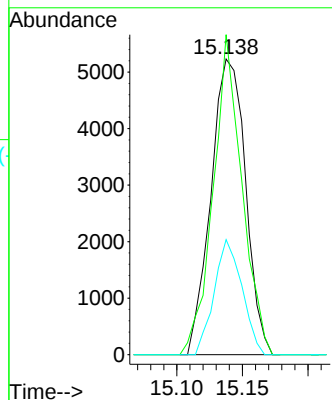
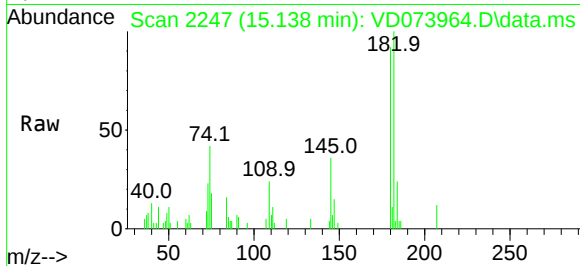




#93
1,2,4-Trichlorobenzene
Concen: 5.118 ug/l
RT: 15.138 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

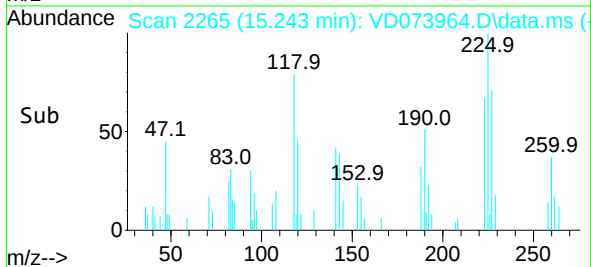
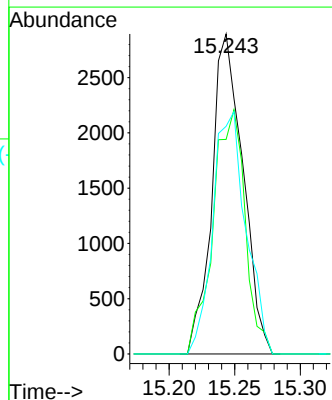
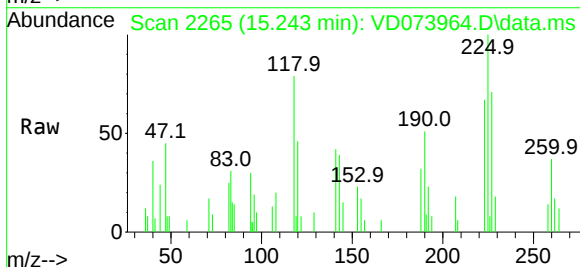
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

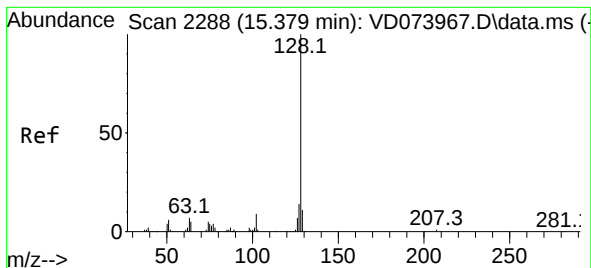
Tgt Ion:180 Resp: 9601
Ion Ratio Lower Upper
180 100
182 90.1 48.8 146.4
145 31.2 16.0 48.0



#94
Hexachlorobutadiene
Concen: 4.610 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD073964.D
Acq: 05 Aug 2022 13:58

Tgt Ion:225 Resp: 4769
Ion Ratio Lower Upper
225 100
223 78.7 30.8 92.3
227 80.8 31.6 94.7





#95

Naphthalene

Concen: 4.751 ug/l

RT: 15.373 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

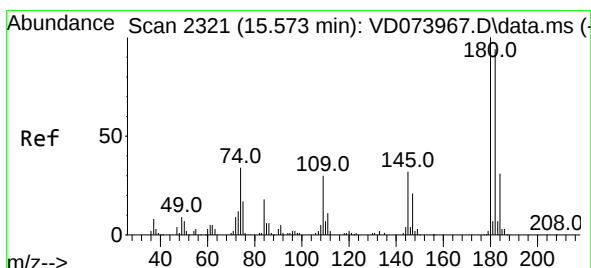
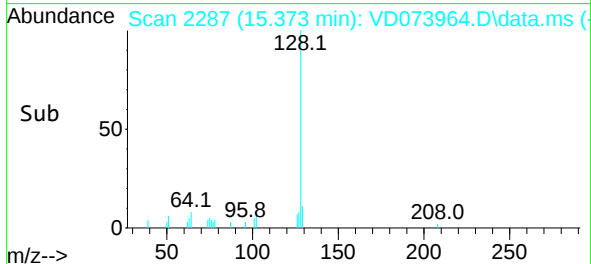
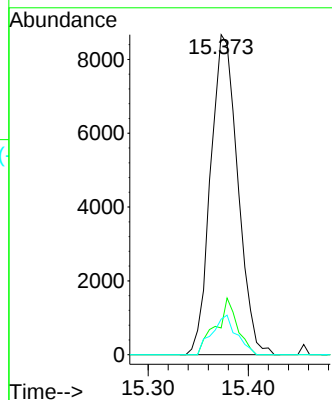
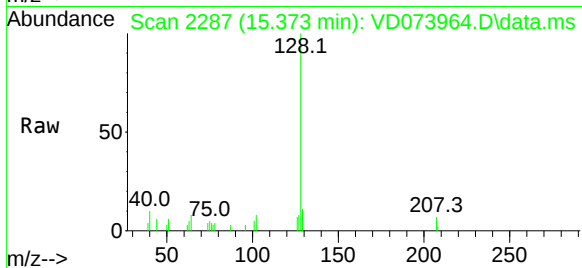
Tgt Ion:128 Resp: 16317

Ion Ratio Lower Upper

128 100

127 14.0 10.9 16.3

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 5.070 ug/l

RT: 15.567 min Scan# 2320

Delta R.T. -0.006 min

Lab File: VD073964.D

Acq: 05 Aug 2022 13:58

Tgt Ion:180 Resp: 8577

Ion Ratio Lower Upper

180 100

182 86.6 48.9 146.6

145 36.7 16.9 50.6

