

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072664.D
 Acq On : 21 Apr 2022 12:03
 Operator : VA/SY
 Sample : N2479-02MS
 Misc : 2.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-0-2MS

Quant Time: Apr 22 03:39:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	159649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	264653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	269168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	148119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	126505	65.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.000%	
35) Dibromofluoromethane	7.909	113	103020	50.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.180%	
50) Toluene-d8	10.332	98	360758	50.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.620	95	155190	55.581	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	44961	35.485	ug/l	96
3) Chloromethane	2.209	50	52487	44.787	ug/l	99
4) Vinyl Chloride	2.350	62	51601	38.530	ug/l	93
5) Bromomethane	2.768	94	39329	43.550	ug/l	94
6) Chloroethane	2.921	64	37829	43.826	ug/l	94
7) Trichlorofluoromethane	3.273	101	113966	41.440	ug/l	98
8) Diethyl Ether	3.709	74	49127	60.111	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	74791	40.778	ug/l	95
10) Methyl Iodide	4.297	142	62093	37.340	ug/l	98
11) Tert butyl alcohol	5.215	59	43523	426.745	ug/l	98
12) 1,1-Dichloroethene	4.073	96	62645	43.687	ug/l	85
13) Acrolein	3.921	56	49751	1099.258	ug/l	99
14) Allyl chloride	4.715	41	103151	41.169	ug/l	86
15) Acrylonitrile	5.415	53	167840	410.646	ug/l	95
16) Acetone	4.150	43	169937	471.894	ug/l	93
17) Carbon Disulfide	4.409	76	117032	38.578	ug/l	98
18) Methyl Acetate	4.720	43	69721	68.722	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	264326	63.155	ug/l	96
20) Methylene Chloride	4.968	84	109039	50.861	ug/l #	80
21) trans-1,2-Dichloroethene	5.473	96	72489	41.547	ug/l	85
22) Diisopropyl ether	6.367	45	271123	47.060	ug/l	91
23) Vinyl Acetate	6.362	43	152443	54.247	ug/l #	78
24) 1,1-Dichloroethane	6.262	63	162085	46.689	ug/l	98
25) 2-Butanone	7.209	43	216500	434.694	ug/l	93
26) 2,2-Dichloropropane	7.209	77	132911	43.103	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	103659	47.612	ug/l	91
28) Bromochloromethane	7.544	49	101399	68.167	ug/l #	76
29) Tetrahydrofuran	7.561	42	121334	403.511	ug/l #	86
30) Chloroform	7.703	83	189769	48.594	ug/l	97
31) Cyclohexane	7.985	56	98047	38.826	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	147530	44.541	ug/l	96
36) 1,1-Dichloropropene	8.109	75	104465	39.976	ug/l	95
37) Ethyl Acetate	7.291	43	73350	67.306	ug/l #	89
38) Carbon Tetrachloride	8.091	117	117625	41.513	ug/l	91
39) Methylcyclohexane	9.350	83	101534	34.139	ug/l	97
40) Benzene	8.344	78	346654	48.261	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	49460	76.741	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	130051	59.236	ug/l	96
43) Isopropyl Acetate	8.450	43	153080	73.229	ug/l #	94
44) Trichloroethene	9.108	130	150468	73.787	ug/l	94
45) 1,2-Dichloropropane	9.379	63	102804	51.450	ug/l	96
46) Dibromomethane	9.473	93	66582	63.514	ug/l	94
47) Bromodichloromethane	9.656	83	160662	53.346	ug/l	98
48) Methyl methacrylate	9.450	41	66232	65.260	ug/l #	82
49) 1,4-Dioxane	9.456	88	22789	1827.484	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	456805	407.250	ug/l	92
52) Toluene	10.397	92	227573	47.691	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	152126	57.966	ug/l	92
54) cis-1,3-Dichloropropene	10.085	75	166510	53.663	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	103691	65.244	ug/l	95
56) Ethyl methacrylate	10.655	69	123310	62.790	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	165734	63.080	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	279935	356.774	ug/l	95
59) 2-Hexanone	10.979	43	332568	436.003	ug/l	92
60) Dibromochloromethane	11.132	129	125372	61.155	ug/l	99
61) 1,2-Dibromoethane	11.238	107	95721	67.836	ug/l	95
64) Tetrachloroethene	10.867	164	151651	86.232	ug/l	97
65) Chlorobenzene	11.661	112	266570	44.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	115515	48.012	ug/l	99
67) Ethyl Benzene	11.738	91	421837	40.173	ug/l	97
68) m/p-Xylenes	11.844	106	337207	84.646	ug/l	99
69) o-Xylene	12.173	106	166932	43.431	ug/l	96
70) Styrene	12.185	104	306243	45.208	ug/l	96
71) Bromoform	12.349	173	79824	62.584	ug/l #	98
73) Isopropylbenzene	12.467	105	421777	35.259	ug/l	98
74) N-amyl acetate	12.279	43	134012	53.393	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	66090	29.169	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	161489	99.964	ug/l #	100
77) Bromobenzene	12.749	156	118547	44.214	ug/l	96
78) n-propylbenzene	12.808	91	516981	35.825	ug/l	98
79) 2-Chlorotoluene	12.897	91	325692	38.592	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	376610	36.760	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	39294	59.685	ug/l #	87
82) 4-Chlorotoluene	12.991	91	347180	39.500	ug/l	98
83) tert-Butylbenzene	13.208	119	299602	33.780	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	380477	37.978	ug/l	98
85) sec-Butylbenzene	13.391	105	464175	34.745	ug/l	100
86) p-Isopropyltoluene	13.502	119	382331	35.012	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	232211	41.796	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	235302	42.022	ug/l	99
89) n-Butylbenzene	13.826	91	339897	32.675	ug/l	99
90) Hexachloroethane	14.096	117	80250	35.899	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	220392	44.976	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	22171	66.163	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	126877	41.772	ug/l	99
94) Hexachlorobutadiene	15.249	225	53705	31.566	ug/l	98
95) Naphthalene	15.379	128	305377	51.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	119615	45.121	ug/l	98

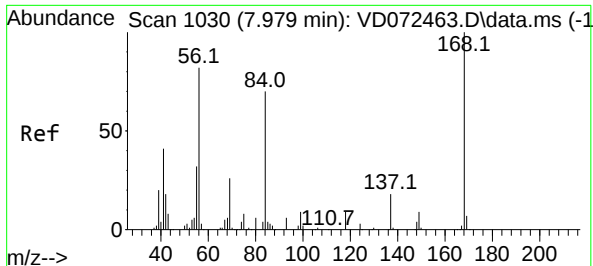
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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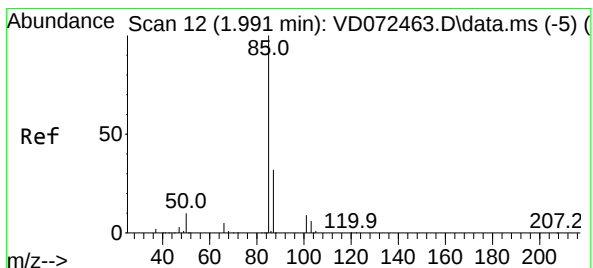
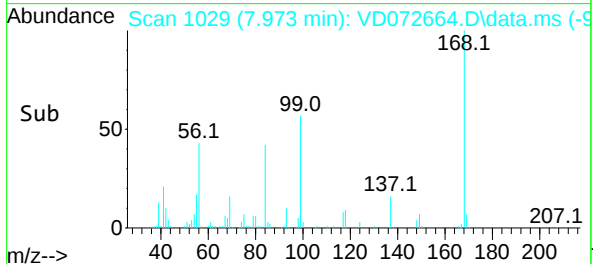
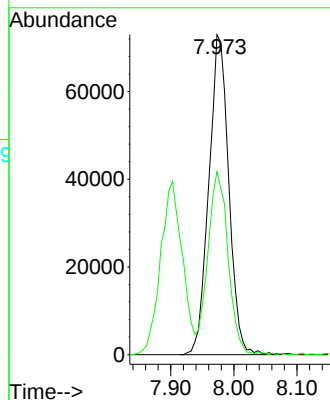
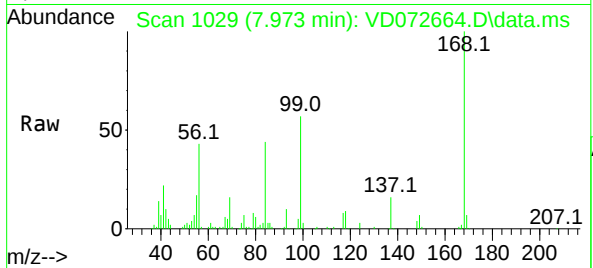
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
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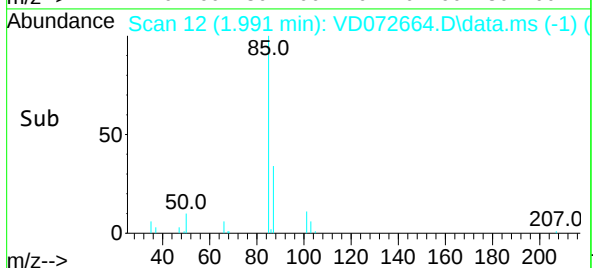
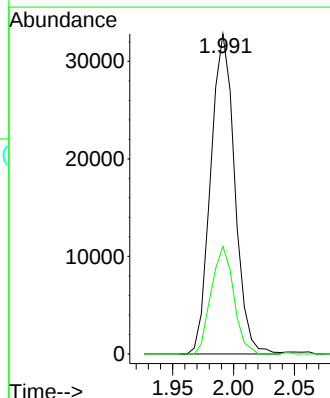
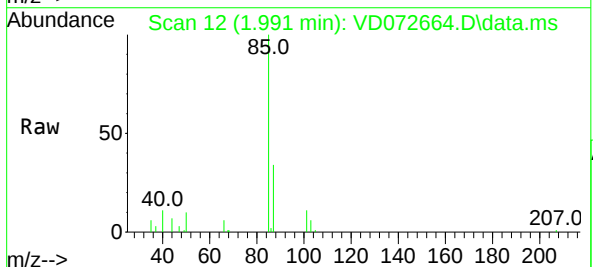
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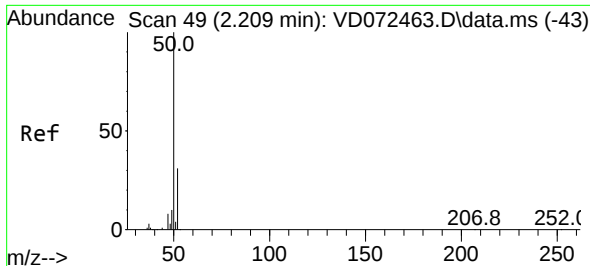
Tgt Ion:168 Resp: 159649
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 35.485 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 85 Resp: 44961
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0

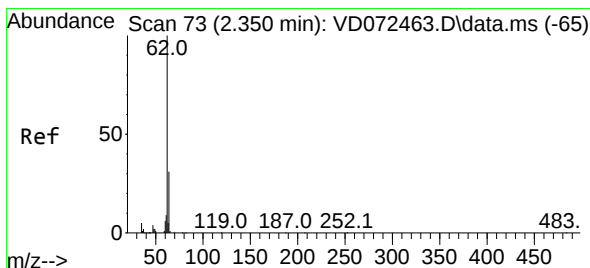
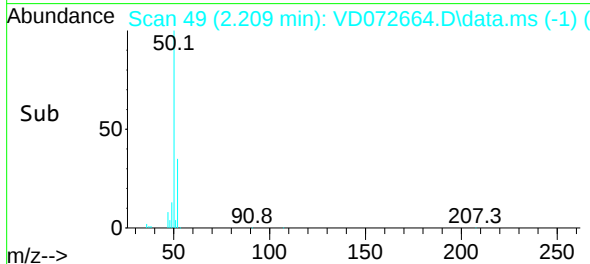
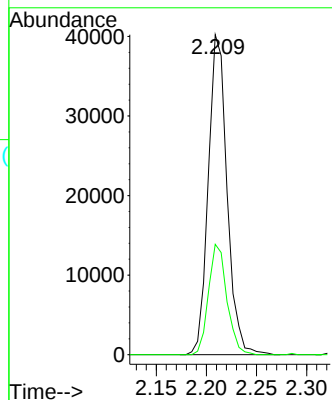
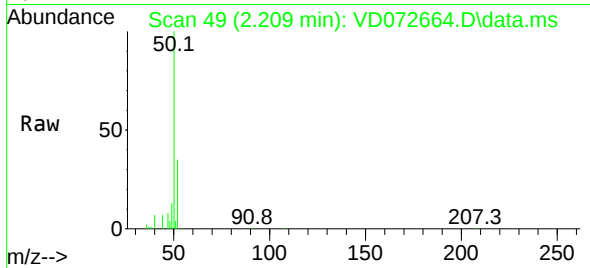




#3
Chloromethane
Concen: 44.787 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

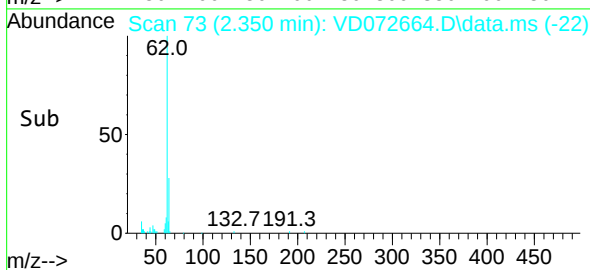
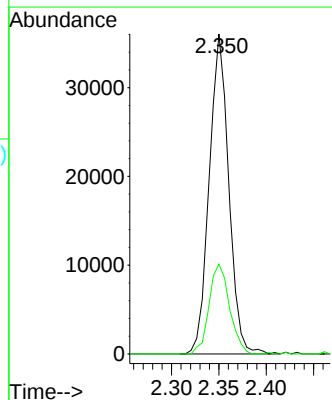
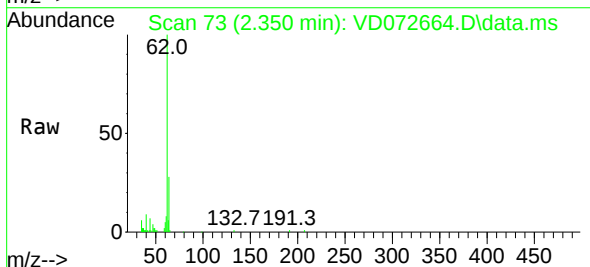
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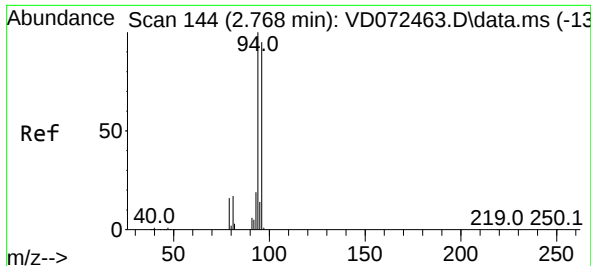
Tgt Ion: 50 Resp: 52487
Ion Ratio Lower Upper
50 100
52 34.5 27.4 41.0



#4
Vinyl Chloride
Concen: 38.530 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 62 Resp: 51601
Ion Ratio Lower Upper
62 100
64 28.1 25.4 38.0

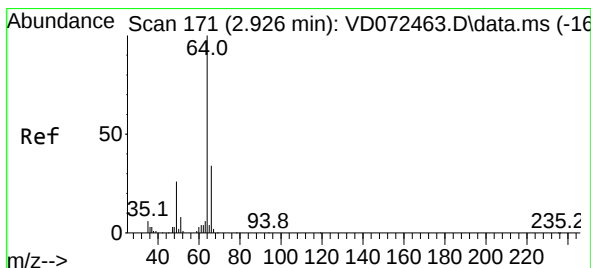
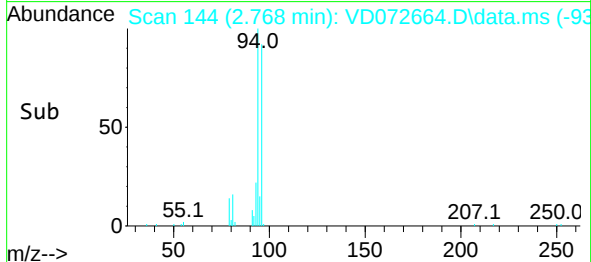
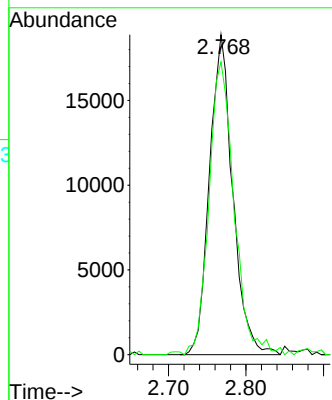
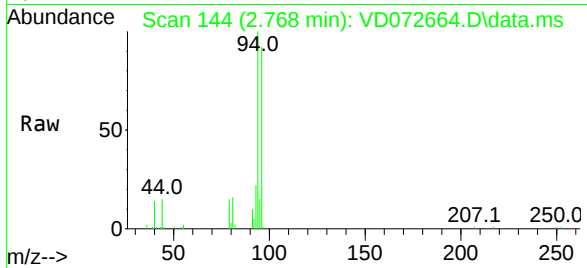




#5
Bromomethane
Concen: 43.550 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

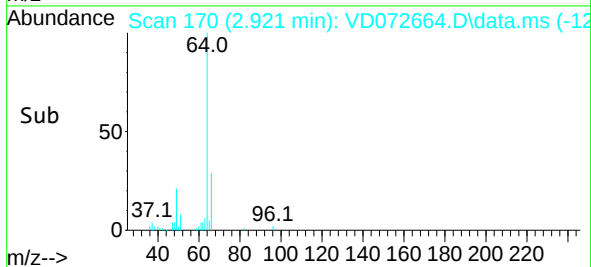
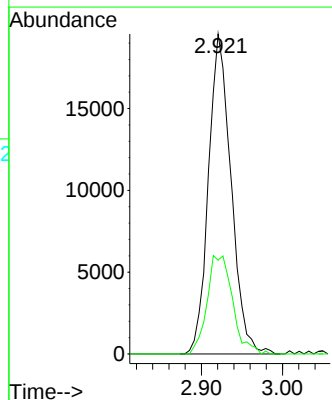
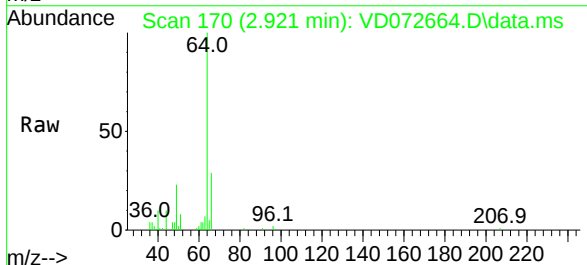
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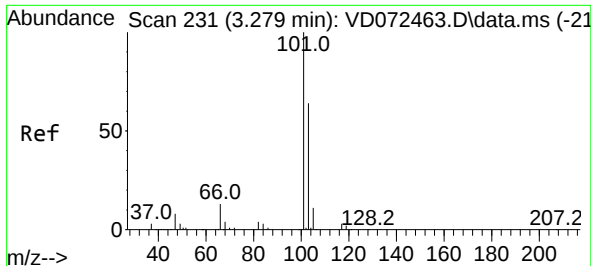
Tgt Ion: 94 Resp: 39329
Ion Ratio Lower Upper
94 100
96 90.7 77.6 116.4



#6
Chloroethane
Concen: 43.826 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 64 Resp: 37829
Ion Ratio Lower Upper
64 100
66 29.3 25.9 38.9

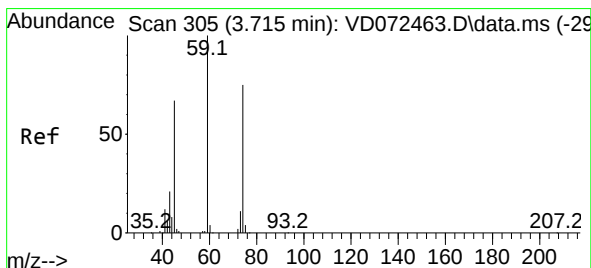
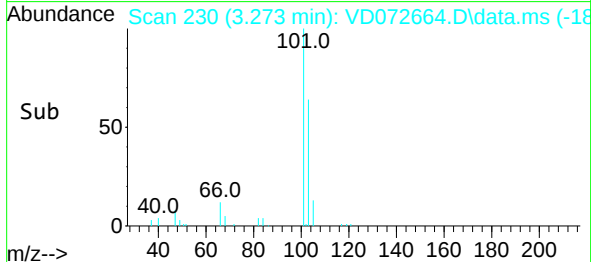
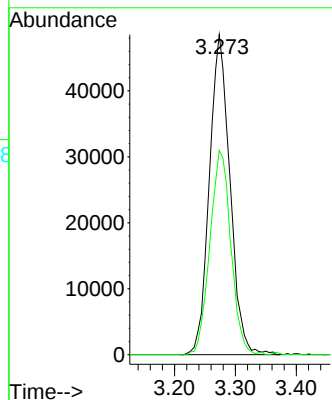
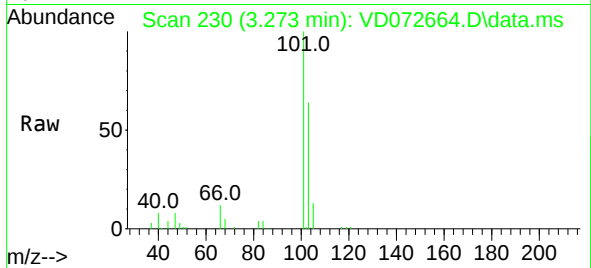




#7
Trichlorofluoromethane
Concen: 41.440 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

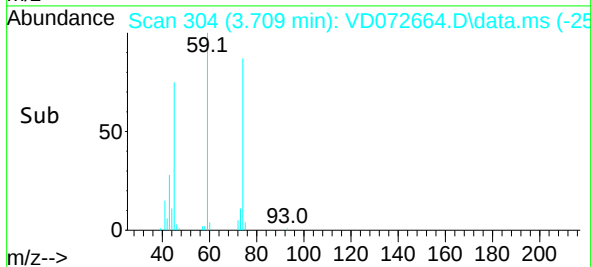
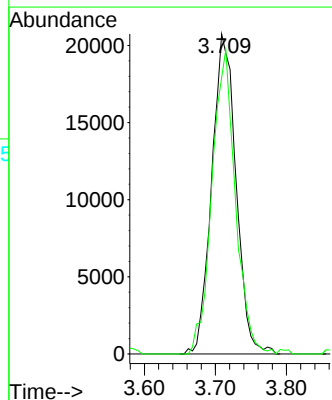
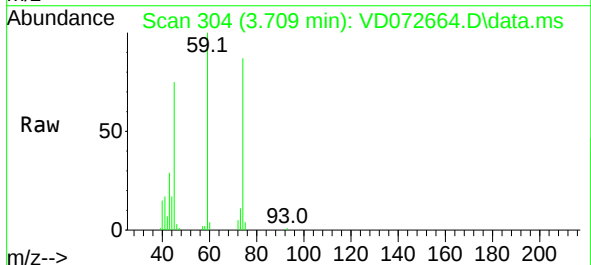
Instrument :
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ClientSampleId :
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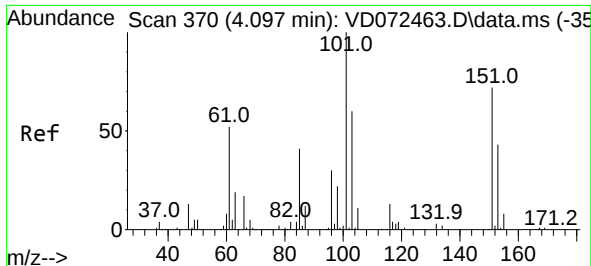
Tgt Ion:101 Resp: 113966
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1



#8
Diethyl Ether
Concen: 60.111 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 74 Resp: 49127
Ion Ratio Lower Upper
74 100
45 92.0 52.6 157.8

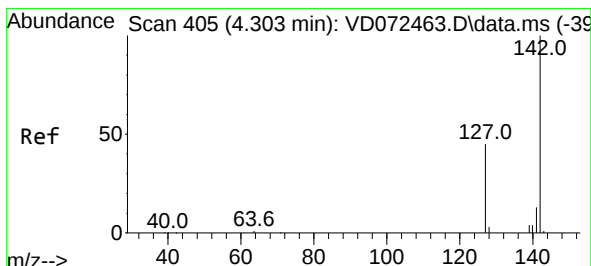
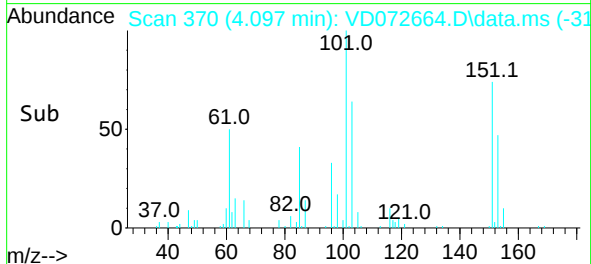
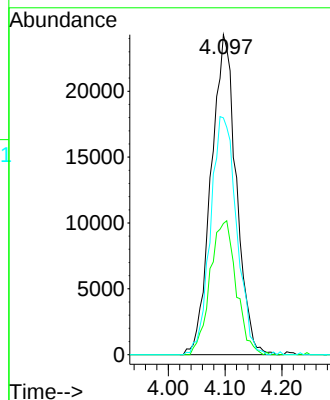
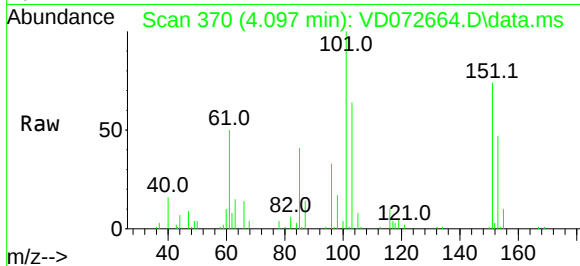




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 40.778 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

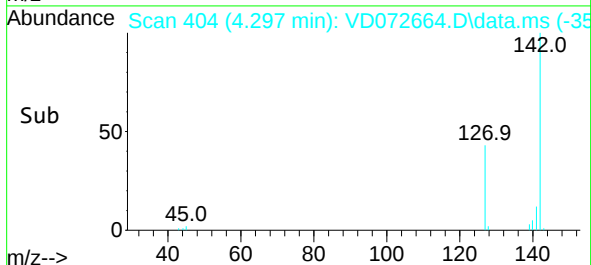
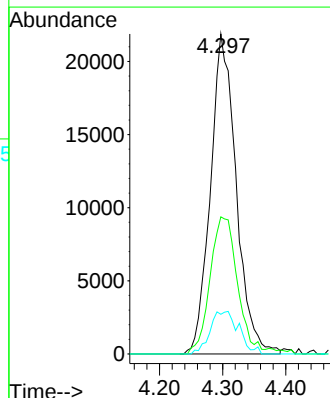
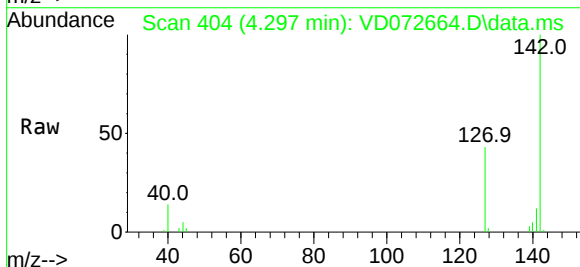
Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-0-2MS

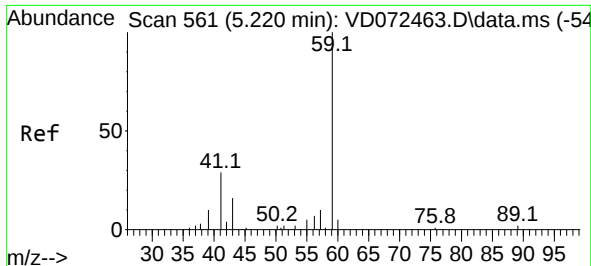
Tgt Ion:101 Resp: 74791
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.4 54.6
 151 77.1 57.3 85.9



#10
 Methyl Iodide
 Concen: 37.340 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

Tgt Ion:142 Resp: 62093
 Ion Ratio Lower Upper
 142 100
 127 45.4 37.3 55.9
 141 14.8 11.7 17.5

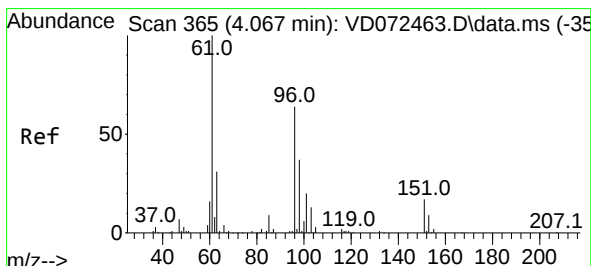
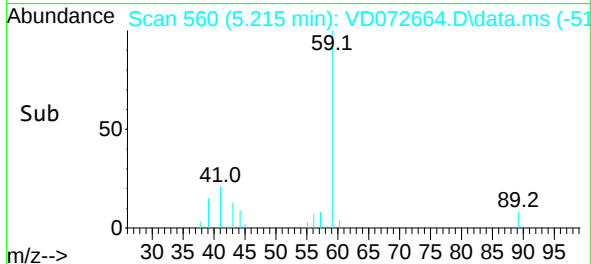
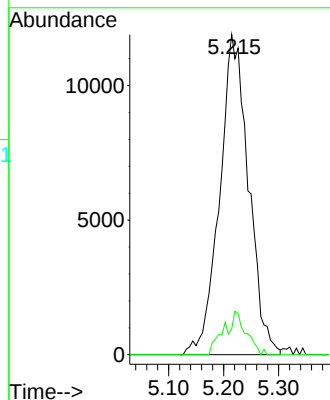
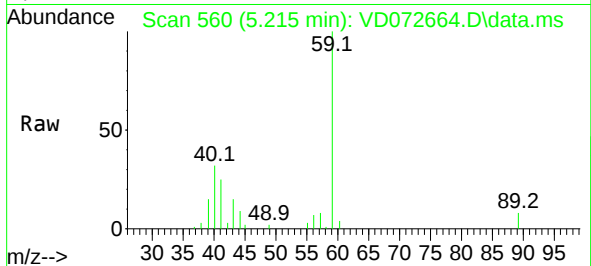




#11
Tert butyl alcohol
Concen: 426.745 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

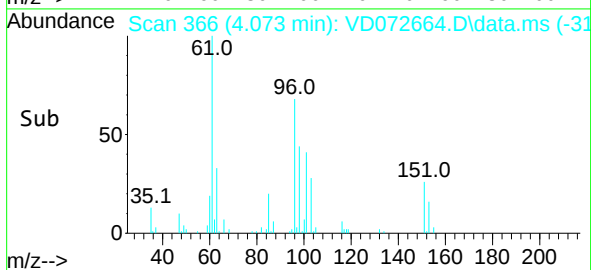
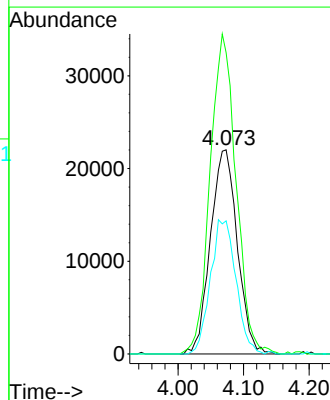
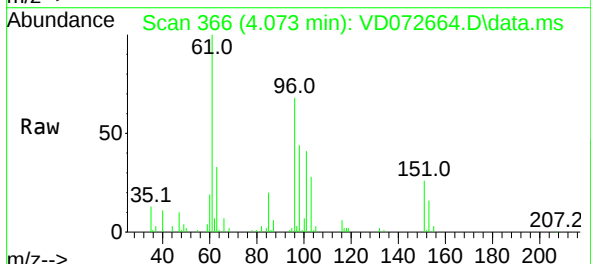
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

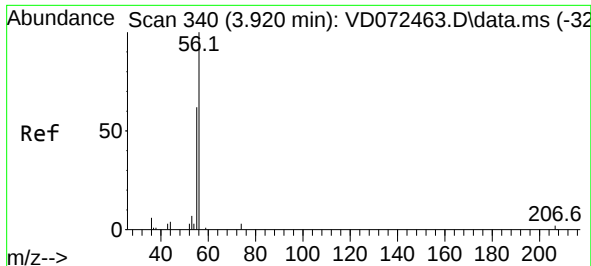
Tgt Ion: 59 Resp: 43523
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.6



#12
1,1-Dichloroethene
Concen: 43.687 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

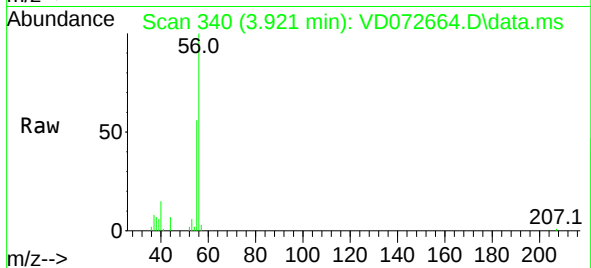
Tgt Ion: 96 Resp: 62645
Ion Ratio Lower Upper
96 100
61 147.6 138.5 207.7
98 65.2 48.6 73.0



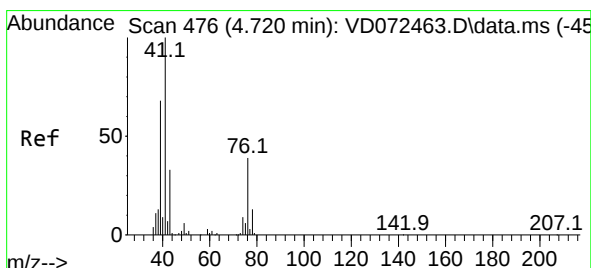
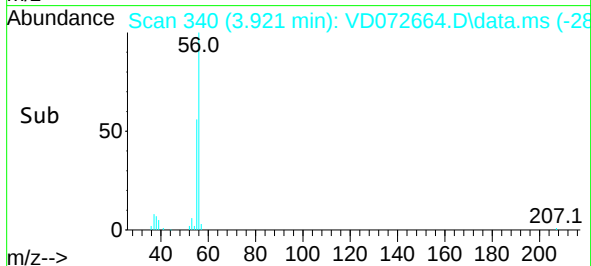
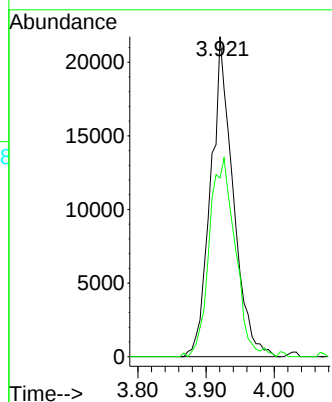


#13
Acrolein
Concen: 1099.258 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.001 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

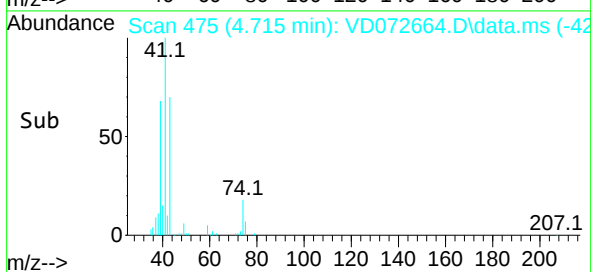
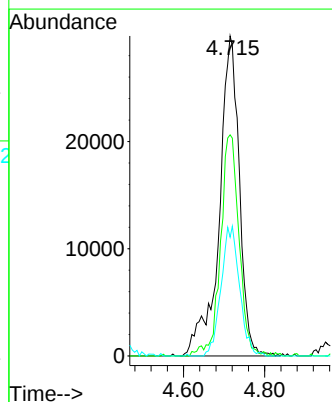
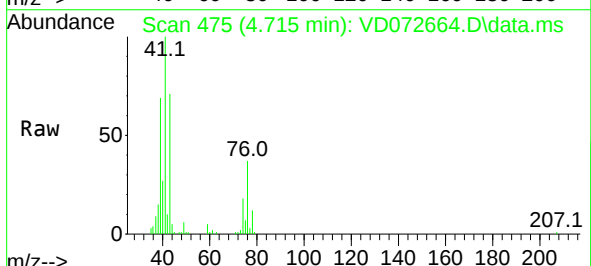


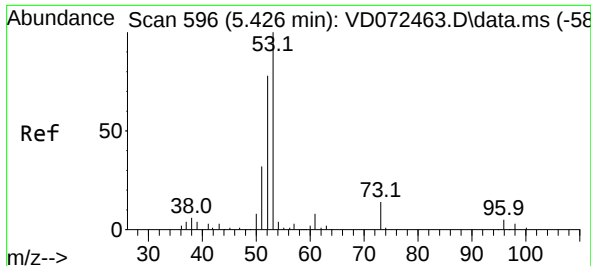
Tgt Ion: 56 Resp: 49751
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7



#14
Allyl chloride
Concen: 41.169 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 41 Resp: 103151
Ion Ratio Lower Upper
41 100
39 61.0 59.3 88.9
76 37.2 25.7 38.5

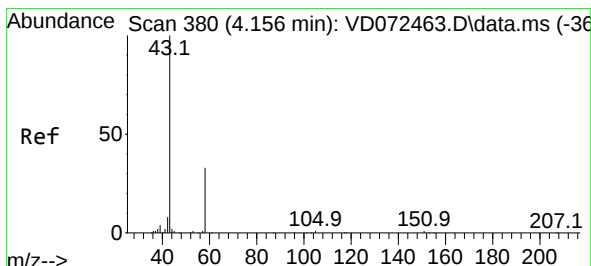
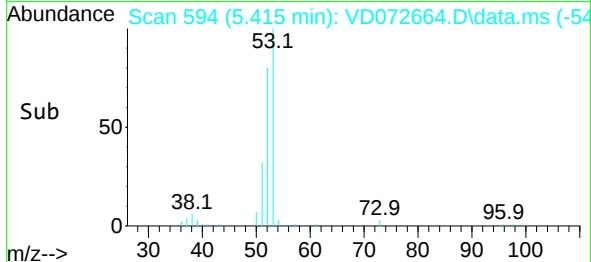
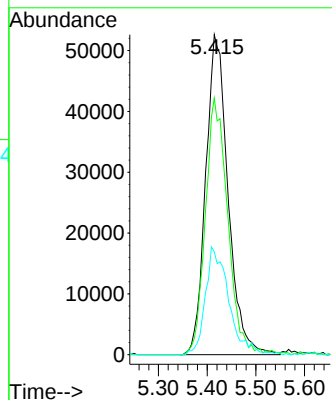
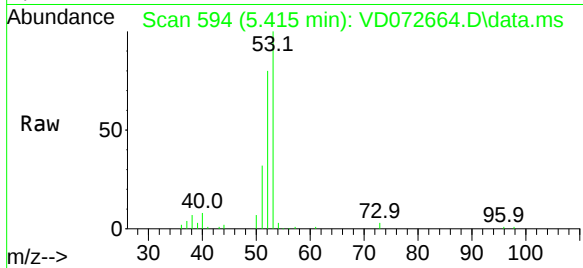




#15
Acrylonitrile
Concen: 410.646 ug/l
RT: 5.415 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

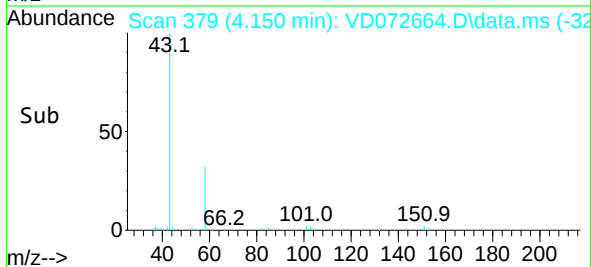
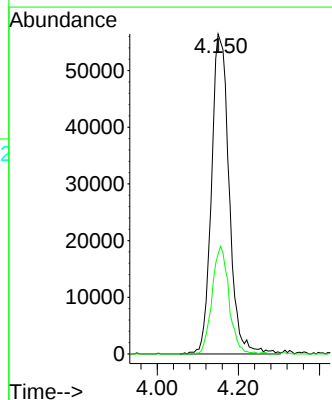
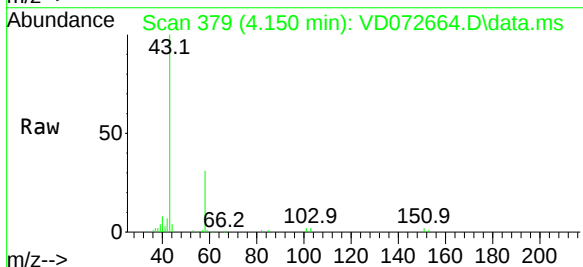
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

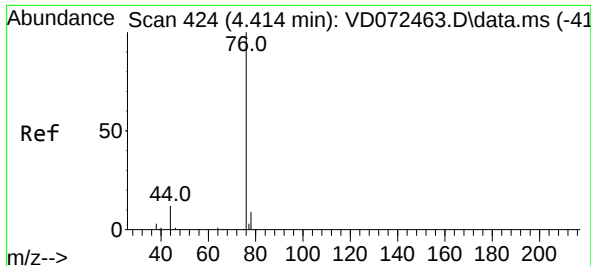
Tgt Ion: 53 Resp: 167840
Ion Ratio Lower Upper
53 100
52 79.8 67.2 100.8
51 35.3 30.3 45.5



#16
Acetone
Concen: 471.894 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 43 Resp: 169937
Ion Ratio Lower Upper
43 100
58 31.2 22.1 33.1

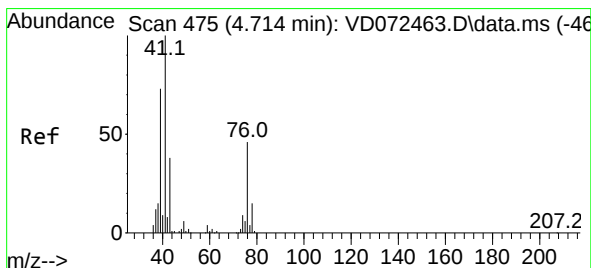
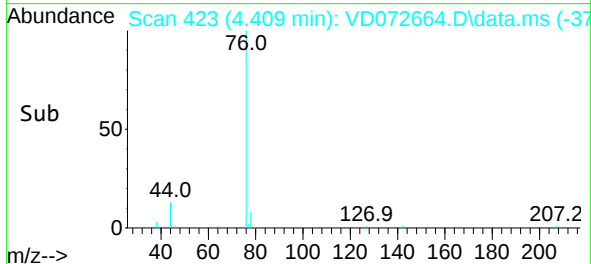
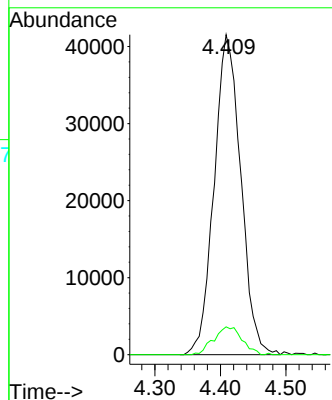
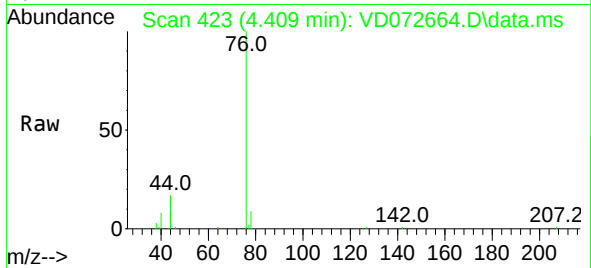




#17
Carbon Disulfide
Concen: 38.578 ug/l
RT: 4.409 min Scan# 417
Delta R.T. -0.005 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

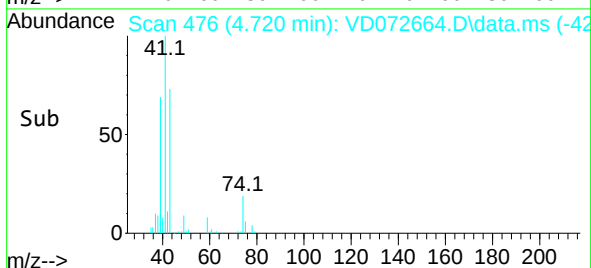
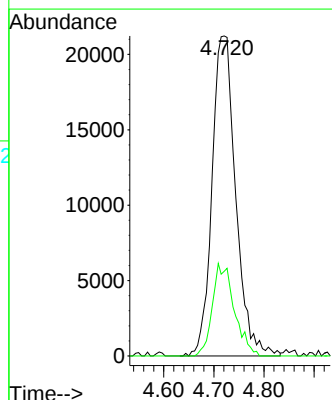
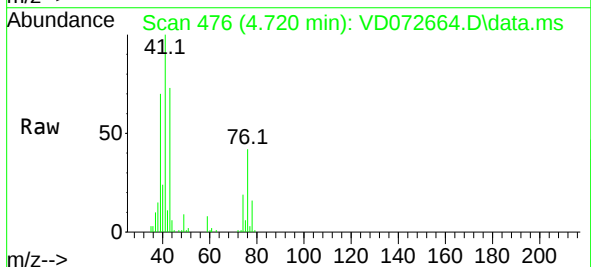
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

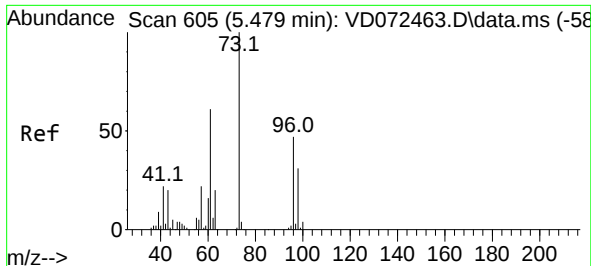
Tgt Ion: 76 Resp: 117032
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 68.722 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 43 Resp: 69721
Ion Ratio Lower Upper
43 100
74 26.6 16.7 25.1#

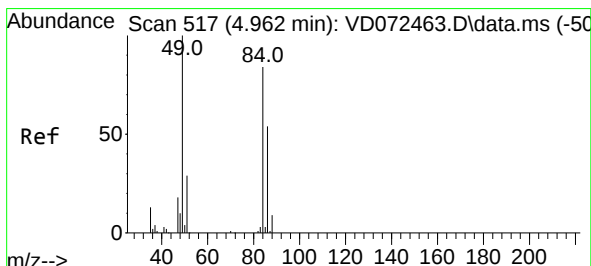
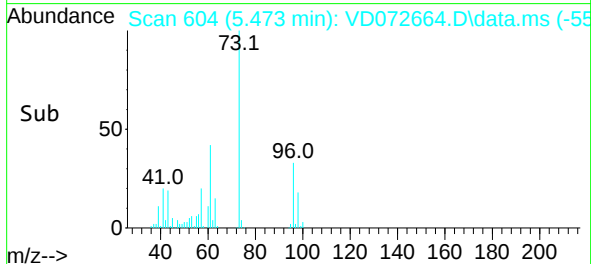
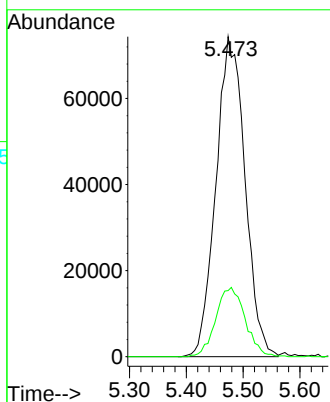
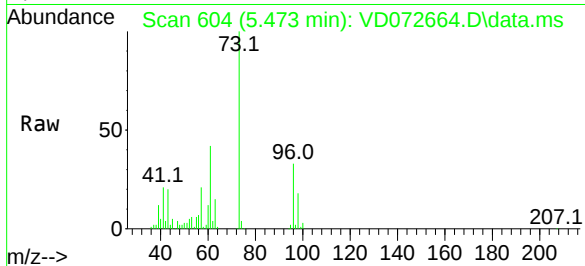




#19
Methyl tert-butyl Ether
Concen: 63.155 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

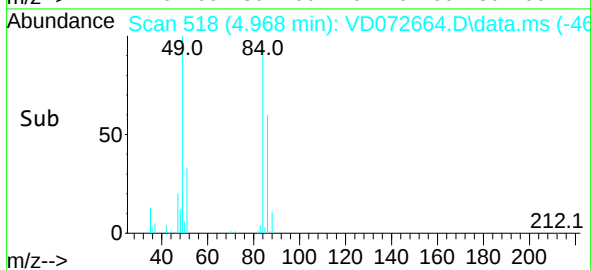
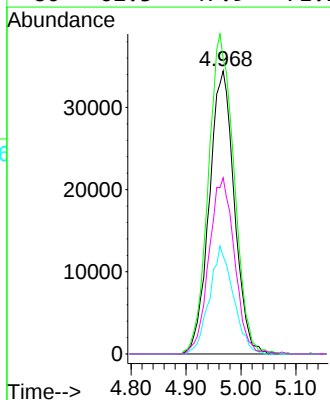
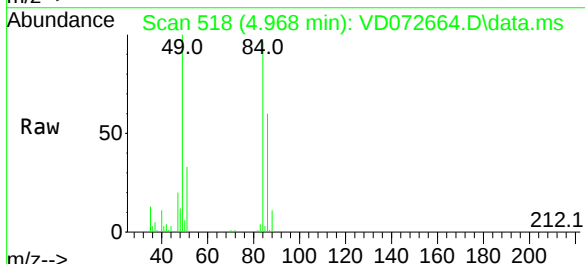
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

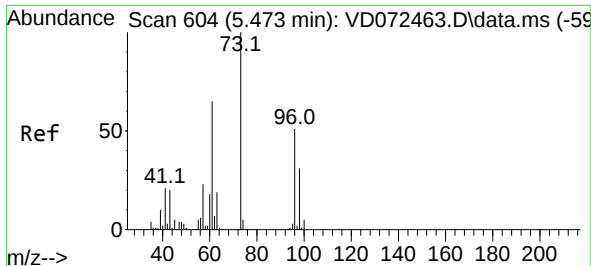
Tgt Ion: 73 Resp: 264326
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0



#20
Methylene Chloride
Concen: 50.861 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 84 Resp: 109039
Ion Ratio Lower Upper
84 100
49 104.2 112.8 169.2#
51 34.6 32.6 48.8
86 62.3 47.9 71.9

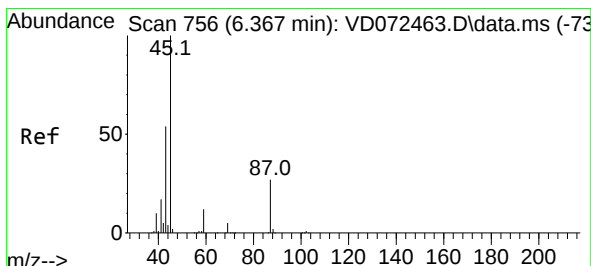
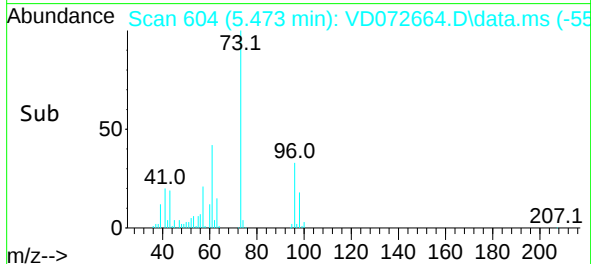
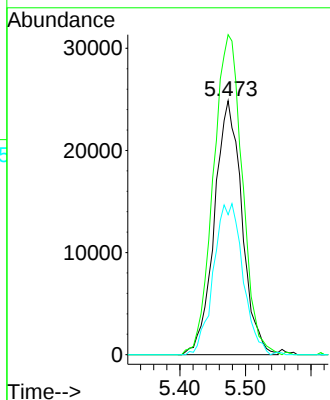
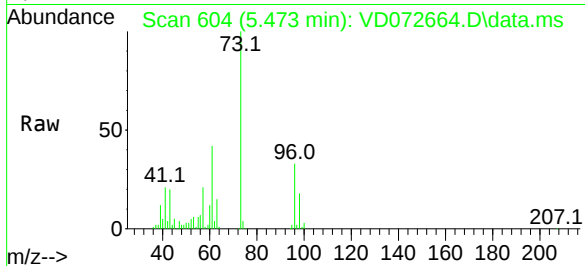




#21
trans-1,2-Dichloroethene
Concen: 41.547 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

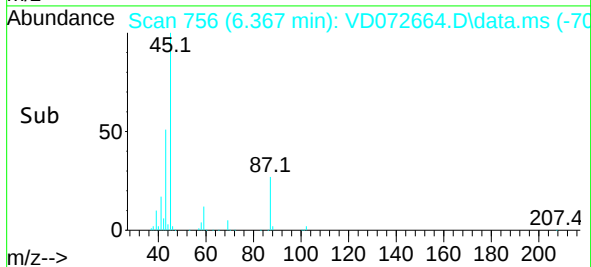
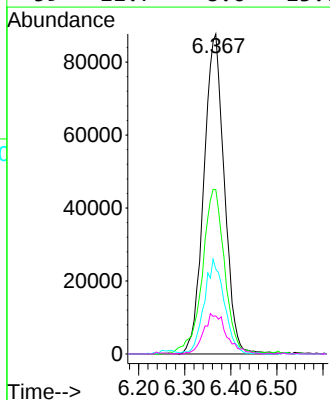
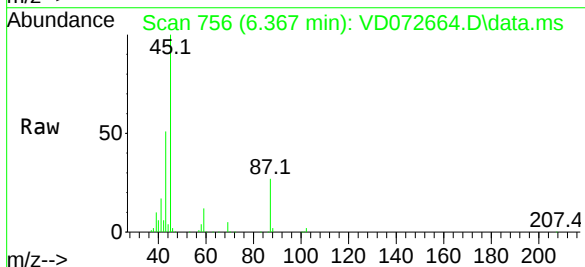
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

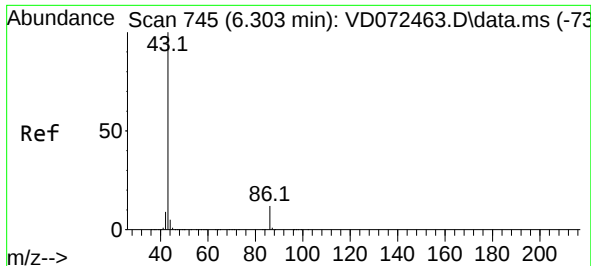
Tgt Ion: 96 Resp: 72489
Ion Ratio Lower Upper
96 100
61 126.0 117.9 176.9
98 55.1 49.4 74.2



#22
Diisopropyl ether
Concen: 47.060 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 45 Resp: 271123
Ion Ratio Lower Upper
45 100
43 50.4 46.6 70.0
87 26.5 18.4 27.6
59 11.7 8.6 13.0

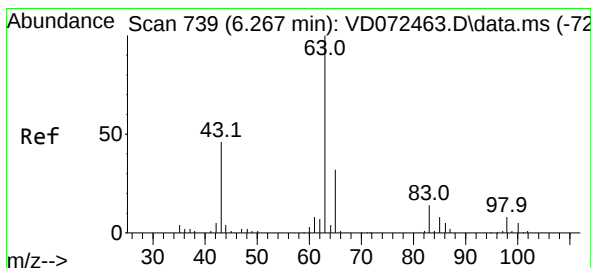
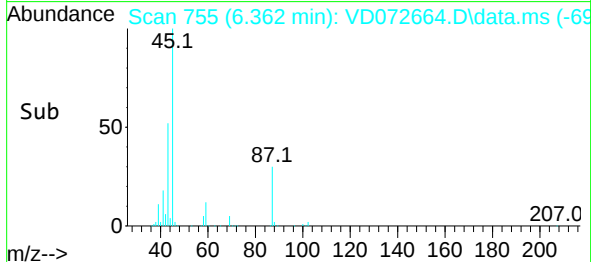
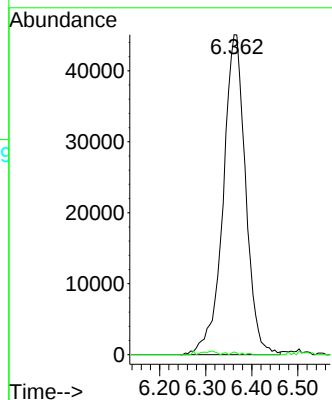
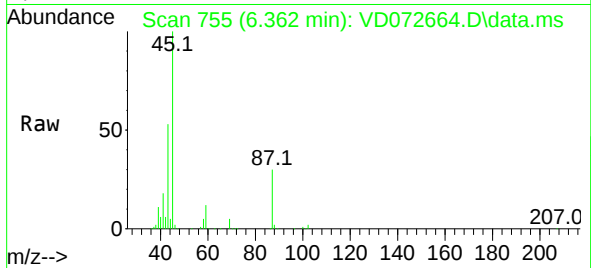




#23
 Vinyl Acetate
 Concen: 54.247 ug/l
 RT: 6.362 min Scan# 71
 Delta R.T. 0.059 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

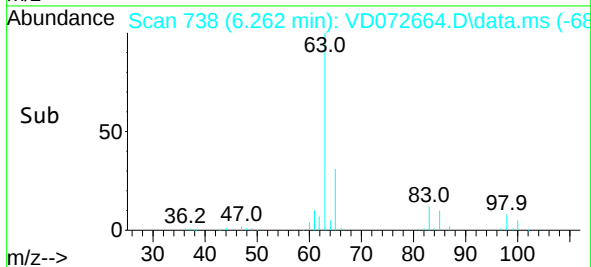
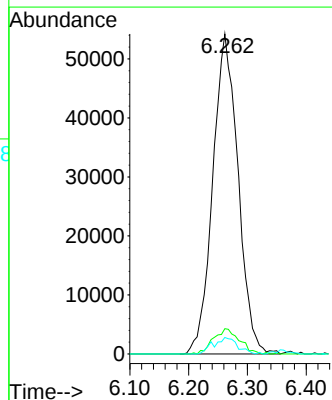
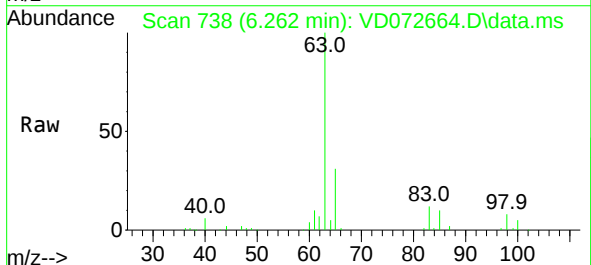
Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-0-2MS

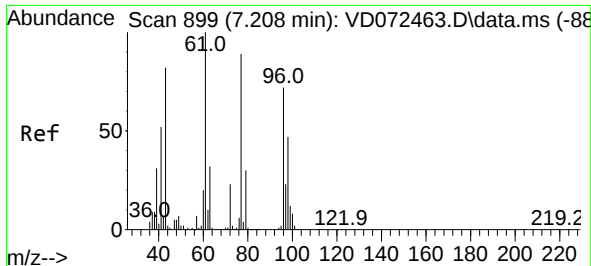
Tgt Ion: 43 Resp: 152443
 Ion Ratio Lower Upper
 43 100
 86 0.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.689 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

Tgt Ion: 63 Resp: 162085
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 5.2 2.1 6.5

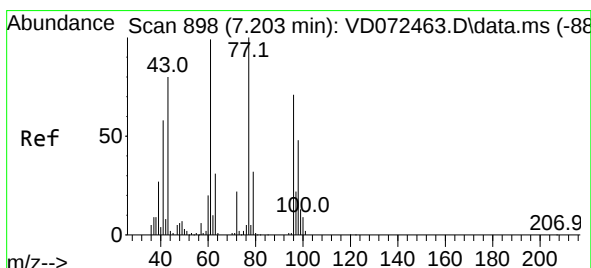
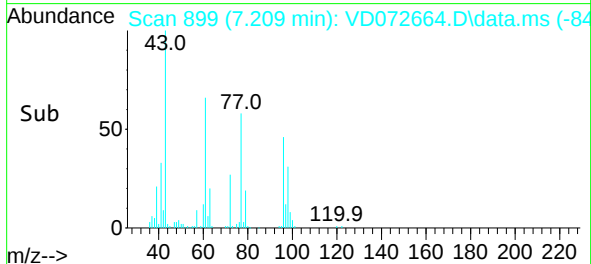
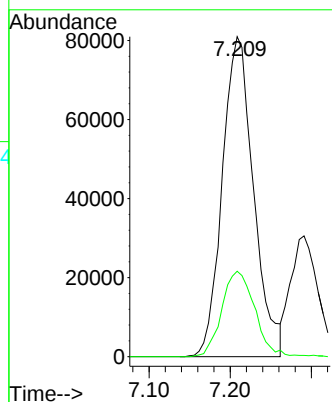
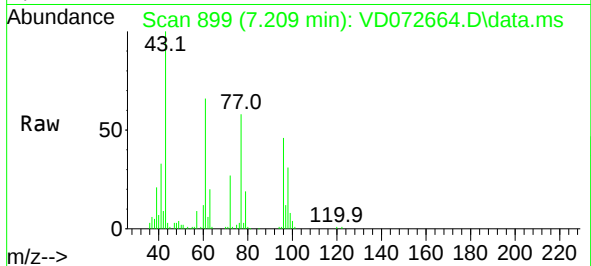




#25
2-Butanone
Concen: 434.694 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

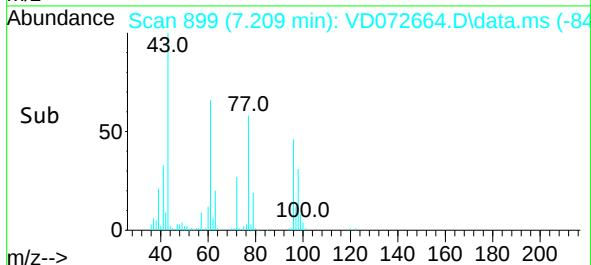
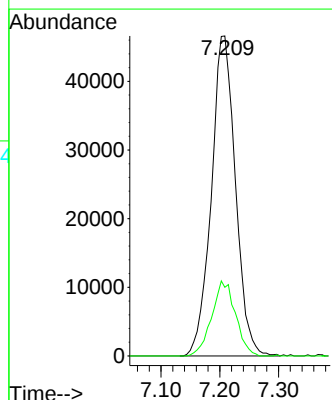
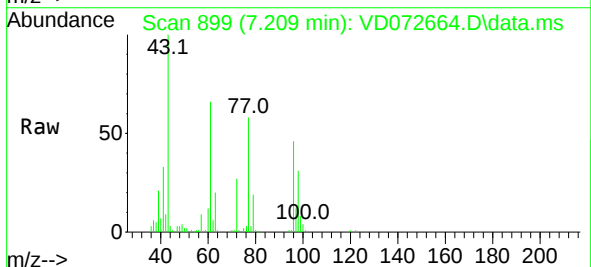
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

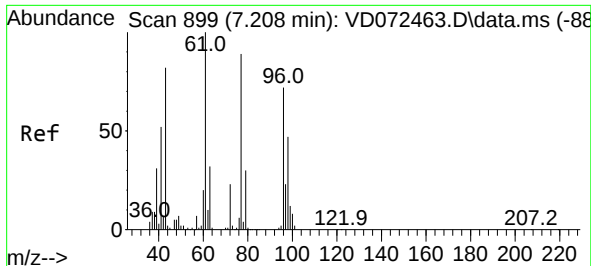
Tgt Ion: 43 Resp: 216500
Ion Ratio Lower Upper
43 100
72 26.7 18.6 27.8



#26
2,2-Dichloropropane
Concen: 43.103 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 77 Resp: 132911
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.4

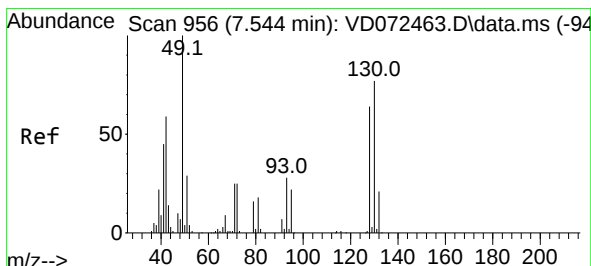
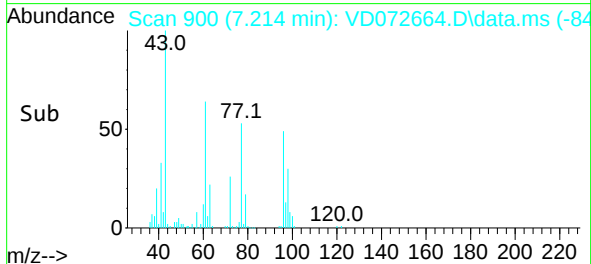
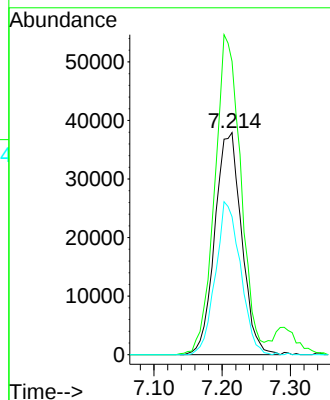
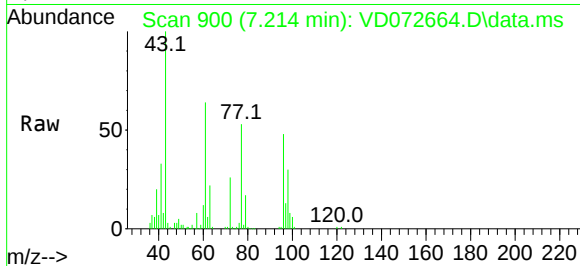




#27
 cis-1,2-Dichloroethene
 Concen: 47.612 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.006 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

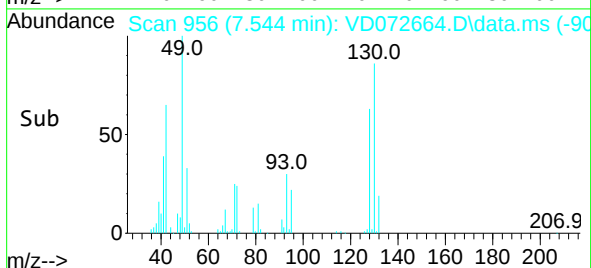
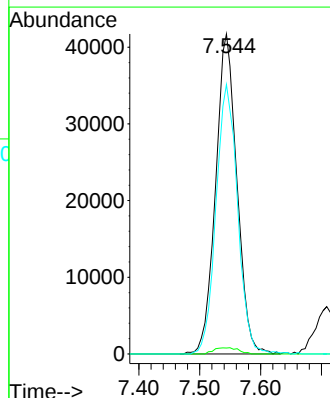
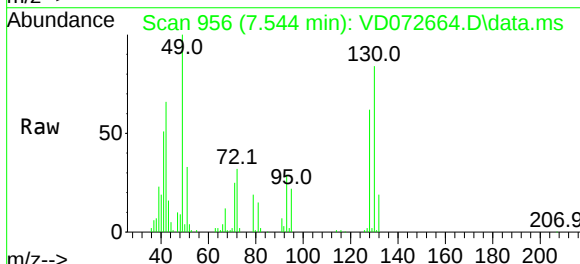
Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-0-2MS

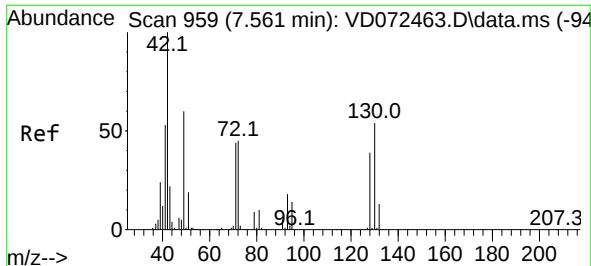
Tgt Ion: 96 Resp: 103659
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 313.8
 98 64.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 68.167 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

Tgt Ion: 49 Resp: 101399
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 85.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 403.511 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072664.D

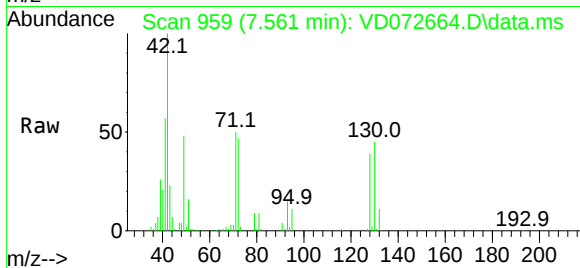
Acq: 21 Apr 2022 12:03

Instrument :

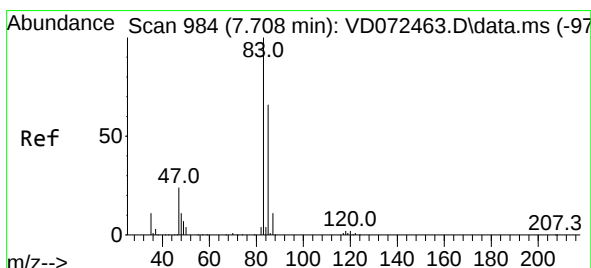
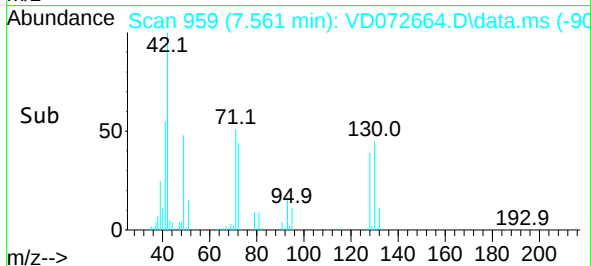
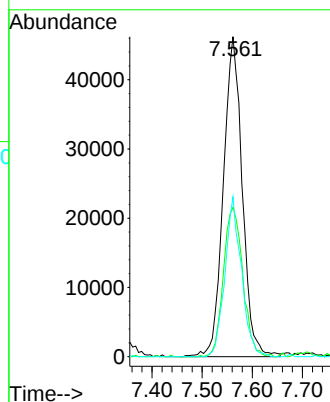
MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS



Tgt Ion:	42	Resp:	121334
Ion Ratio	Lower	Upper	
42	100		
72	47.6	30.7	46.1#
71	43.7	28.6	43.0#



#30

Chloroform

Concen: 48.594 ug/l

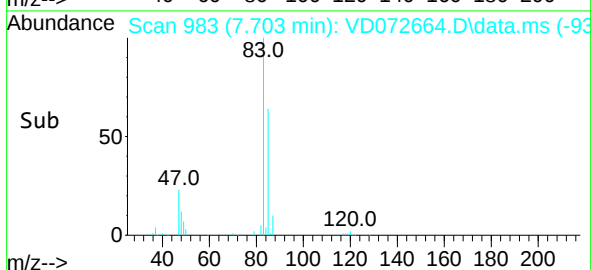
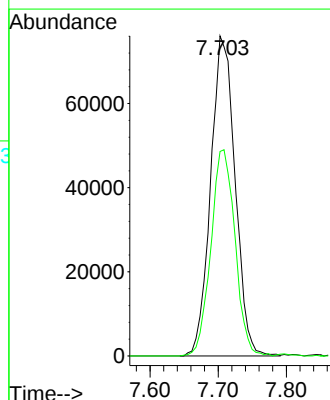
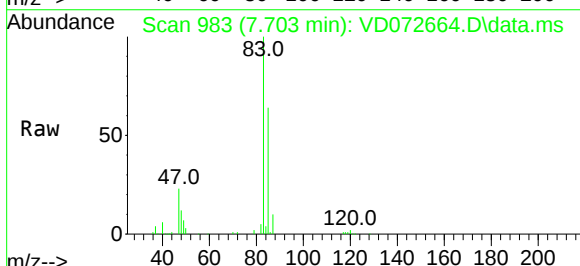
RT: 7.703 min Scan# 983

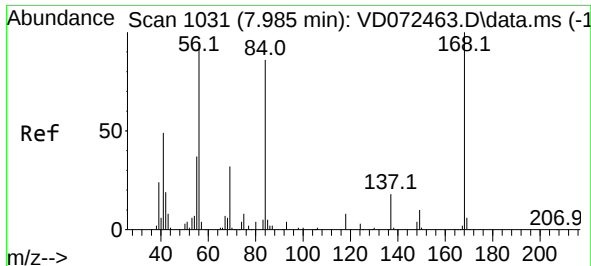
Delta R.T. -0.006 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Tgt Ion:	83	Resp:	189769
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.7	79.1

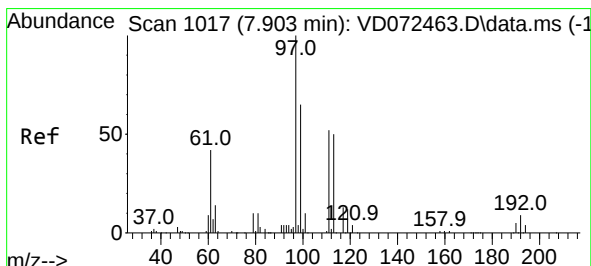
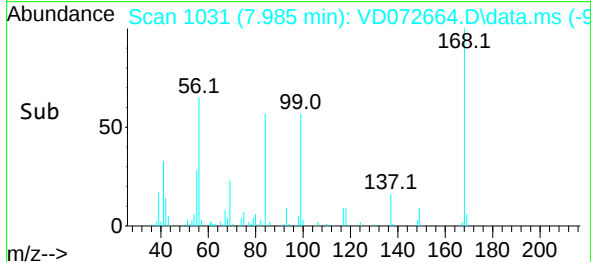
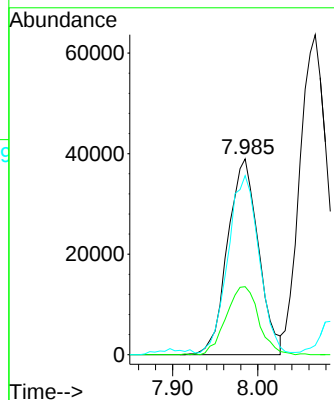
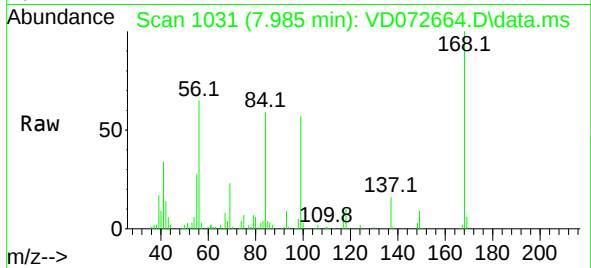




#31
Cyclohexane
Concen: 38.826 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

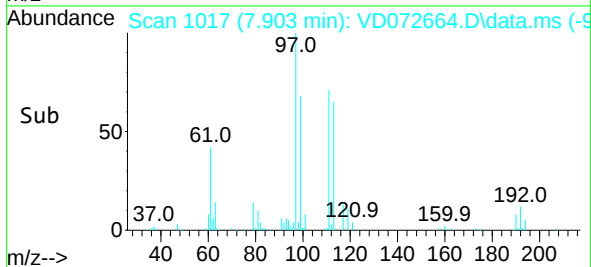
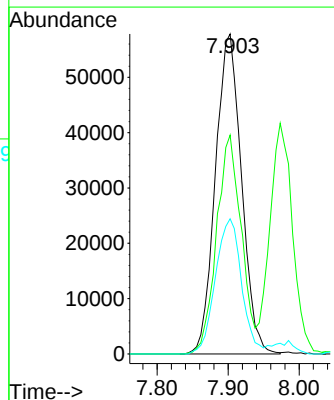
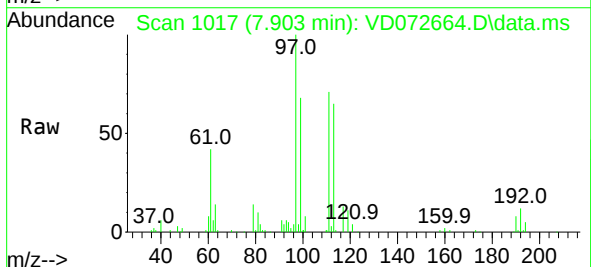
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

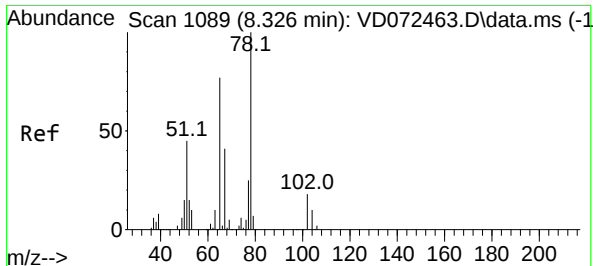
Tgt Ion: 56 Resp: 98047
Ion Ratio Lower Upper
56 100
69 34.7 25.4 38.2
84 89.2 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 44.541 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 97 Resp: 147530
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 42.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 65.504 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

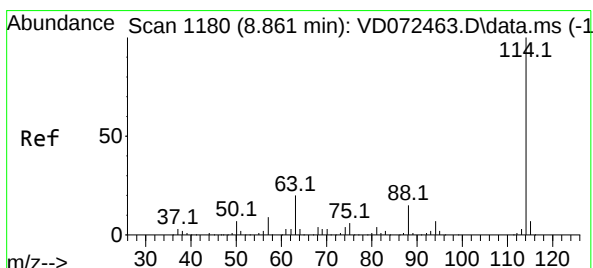
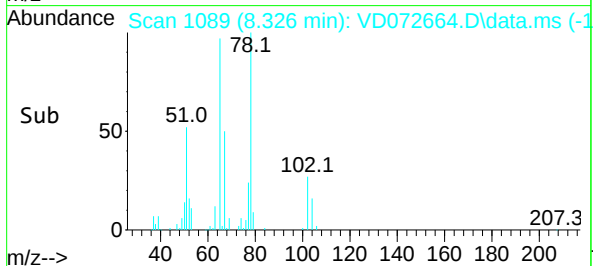
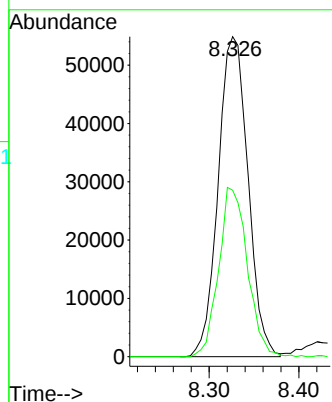
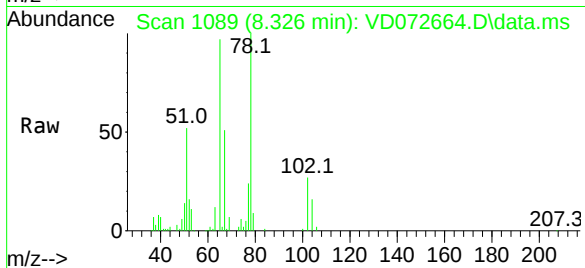
E14ST-EB4-041922-0-2MS

Tgt Ion: 65 Resp: 126505

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

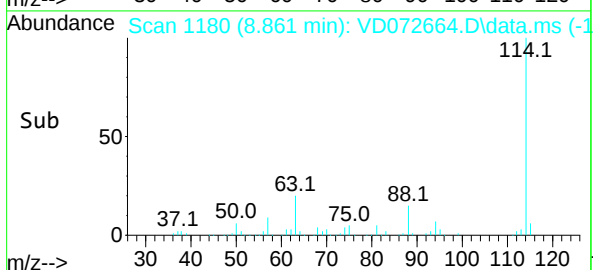
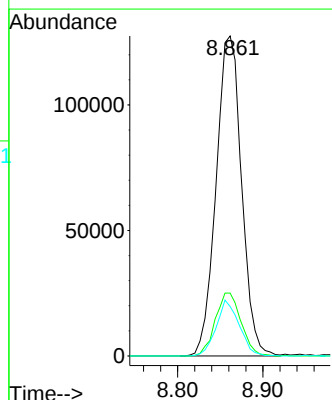
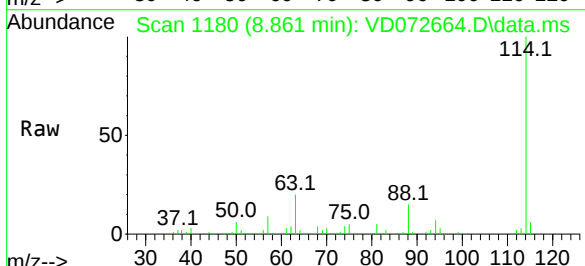
Tgt Ion: 114 Resp: 264653

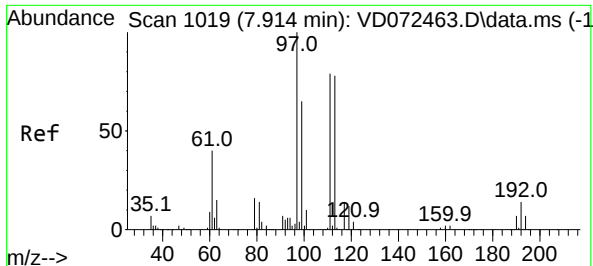
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.089 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072664.D

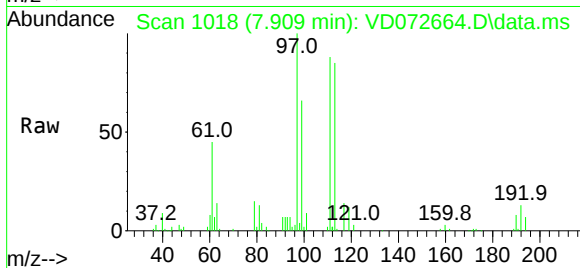
Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS



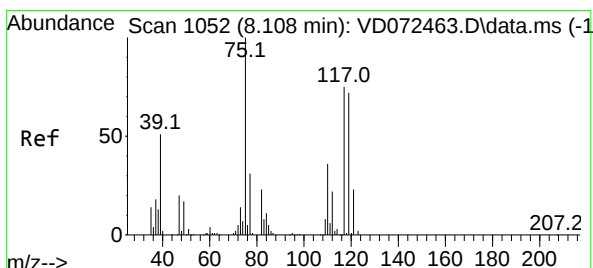
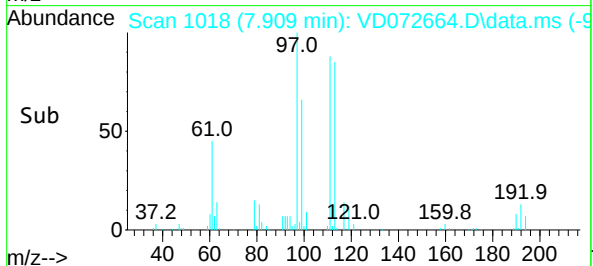
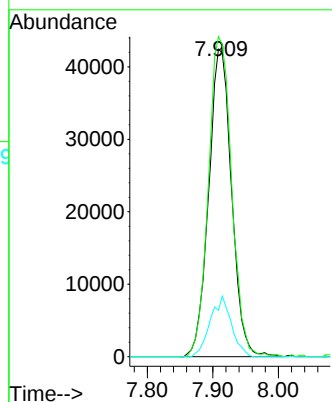
Tgt Ion:113 Resp: 103020

Ion Ratio Lower Upper

113 100

111 105.5 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 39.976 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.001 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

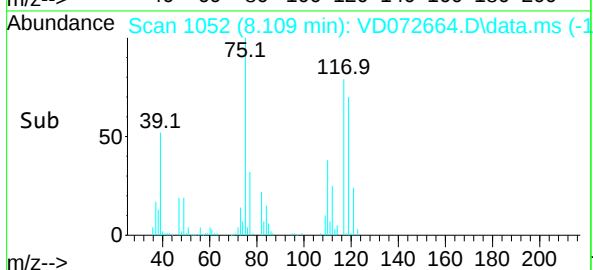
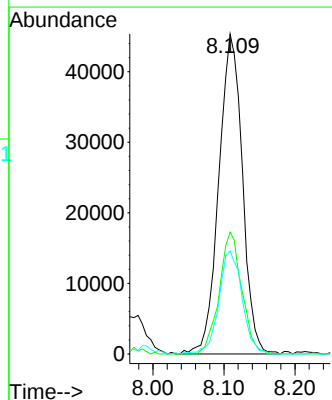
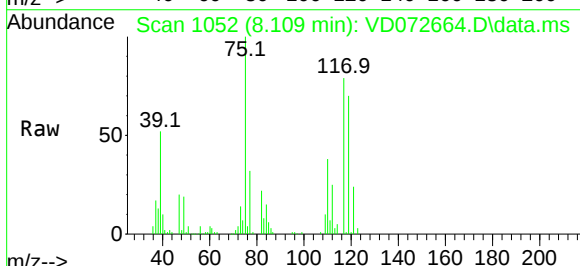
Tgt Ion: 75 Resp: 104465

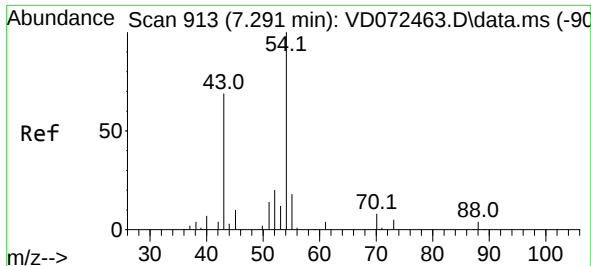
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 67.306 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

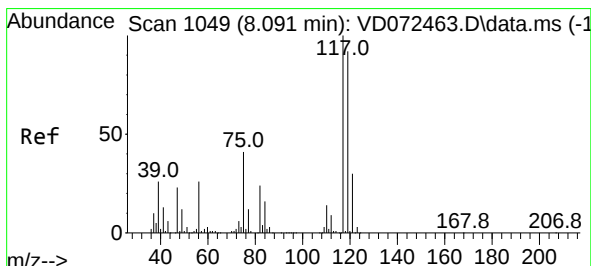
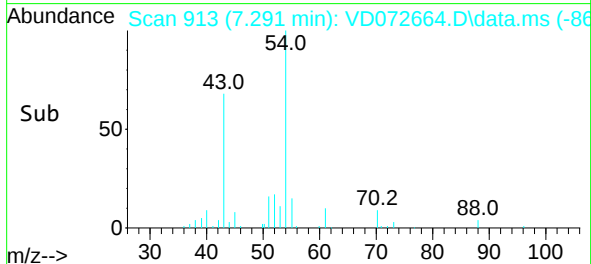
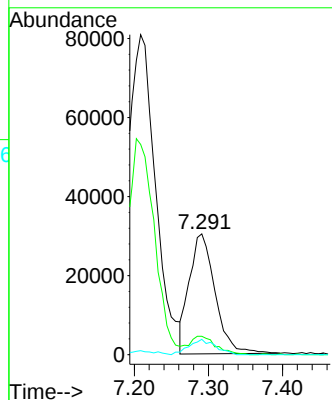
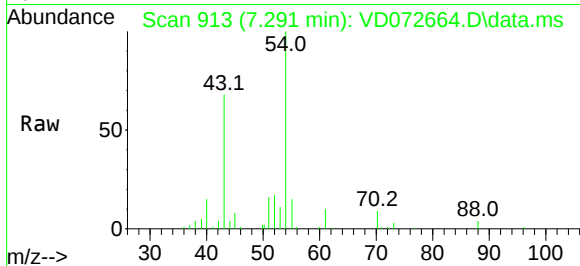
Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS

Tgt Ion: 43	Resp:	73350
Ion Ratio	Lower	Upper
43	100	
61	16.2	9.8 14.8#
70	13.0	6.9 10.3#



#38

Carbon Tetrachloride

Concen: 41.513 ug/l

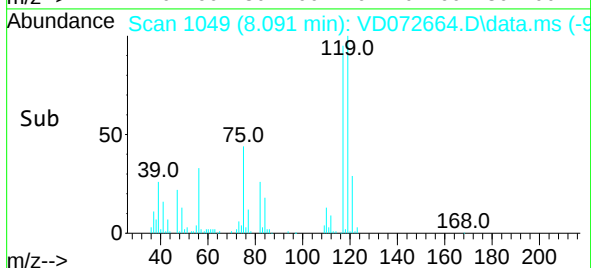
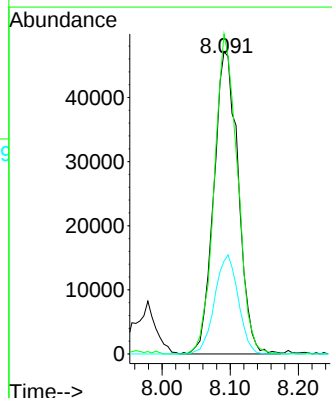
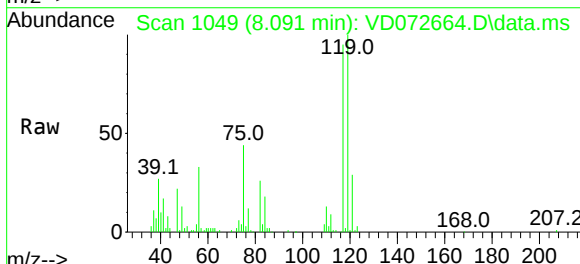
RT: 8.091 min Scan# 1049

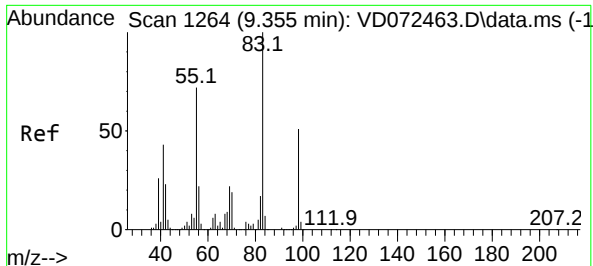
Delta R.T. 0.000 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Tgt Ion: 117	Resp:	117625
Ion Ratio	Lower	Upper
117	100	
119	105.8	75.8 113.6
121	30.7	24.5 36.7





#39

Methylcyclohexane

Concen: 34.139 ug/l

RT: 9.350 min Scan# 1092

Delta R.T. -0.005 min

Lab File: VD072664.D

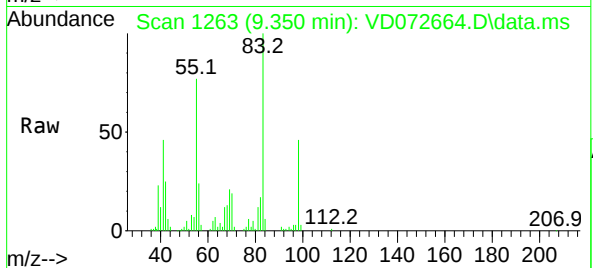
Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS



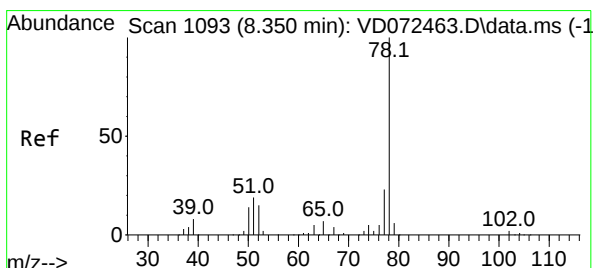
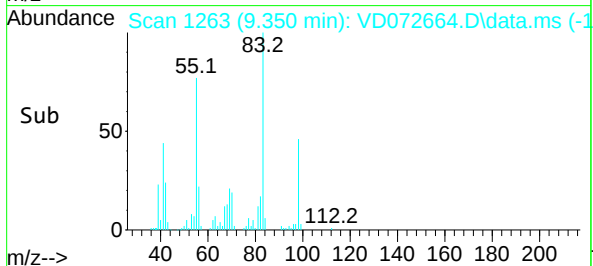
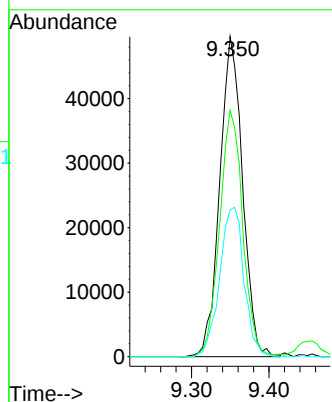
Tgt Ion: 83 Resp: 101534

Ion Ratio Lower Upper

83 100

55 77.0 63.2 94.8

98 45.9 38.2 57.4



#40

Benzene

Concen: 48.261 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072664.D

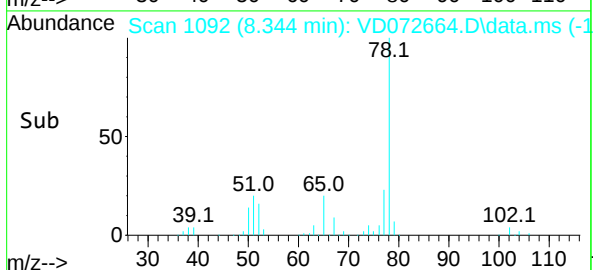
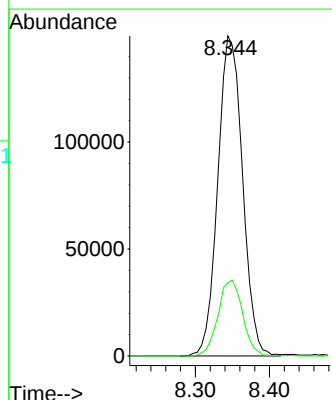
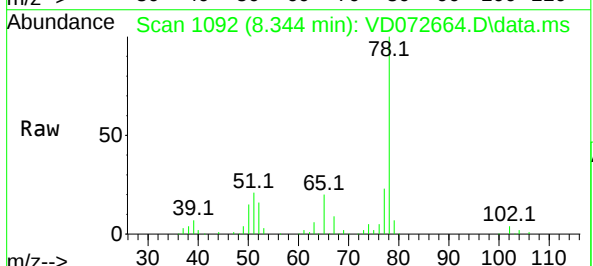
Acq: 21 Apr 2022 12:03

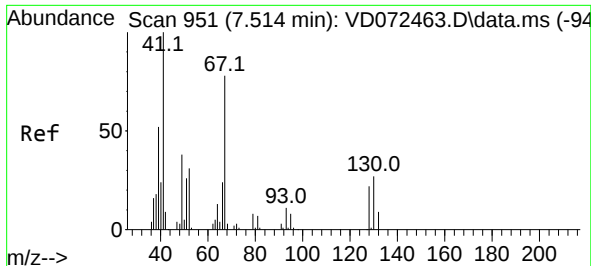
Tgt Ion: 78 Resp: 346654

Ion Ratio Lower Upper

78 100

77 22.9 19.1 28.7

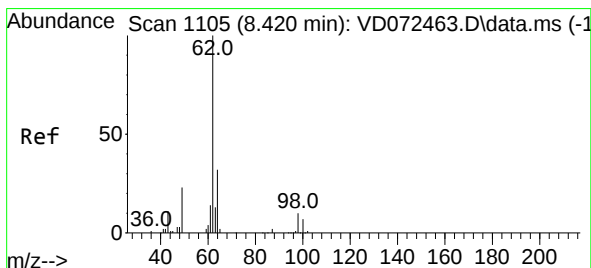
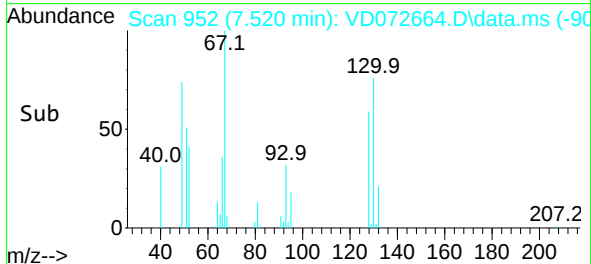
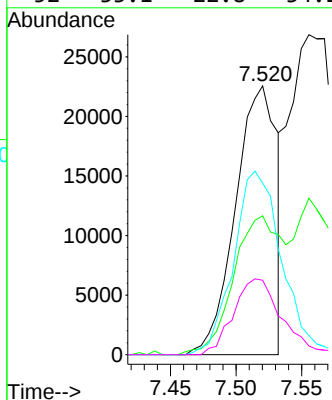
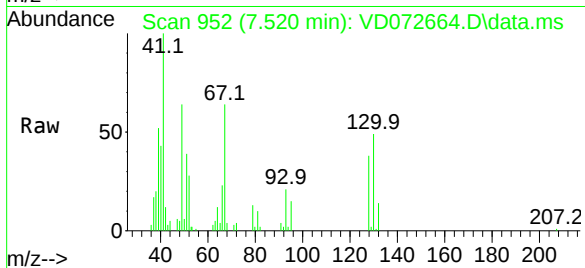




#41
Methacrylonitrile
Concen: 76.741 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

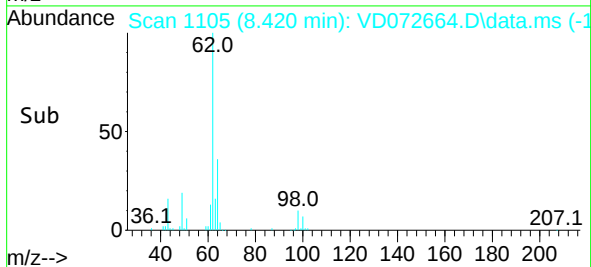
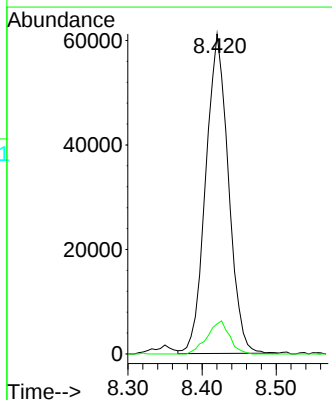
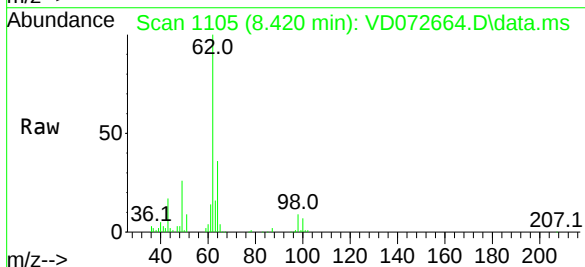
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

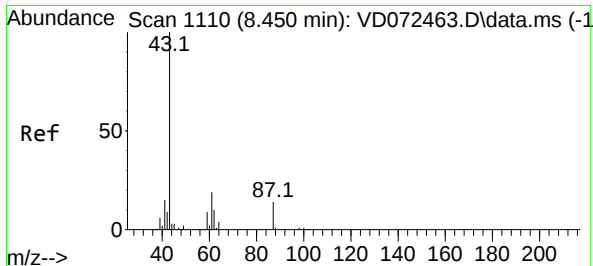
Tgt Ion:	41	Resp:	49460
Ion	Ratio	Lower	Upper
41	100		
39	61.1	44.6	67.0
67	79.7	48.2	72.4#
52	33.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 59.236 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion:	62	Resp:	130051
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.6

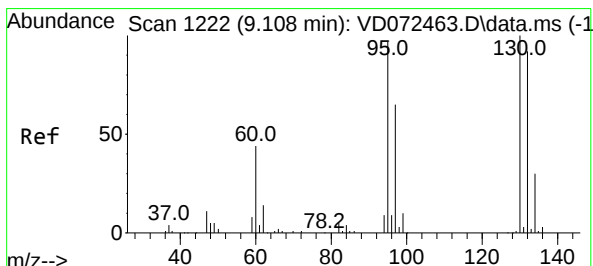
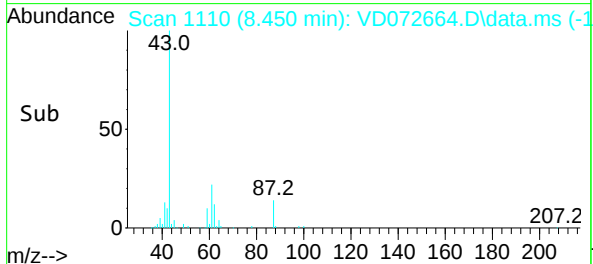
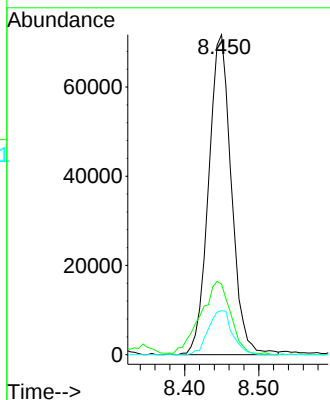
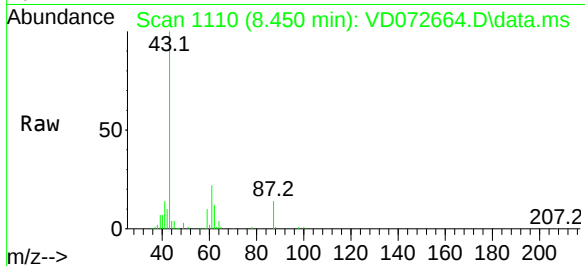




#43
Isopropyl Acetate
Concen: 73.229 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

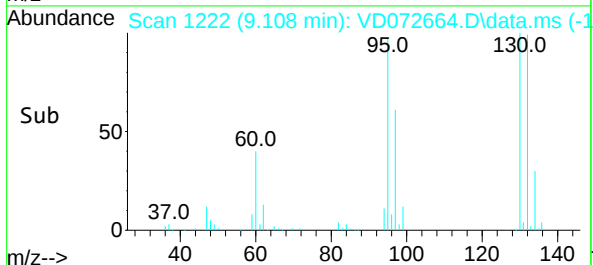
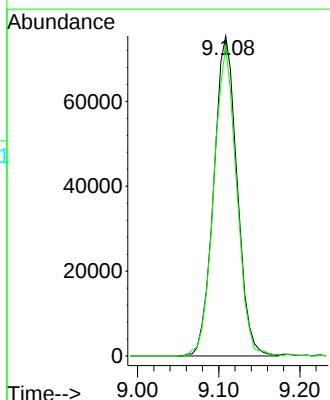
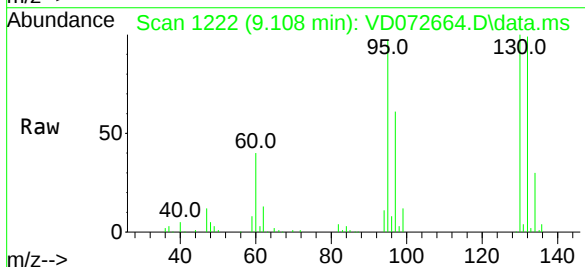
Instrument : MSVOA_D
ClientSampleId : E14ST-EB4-041922-0-2MS

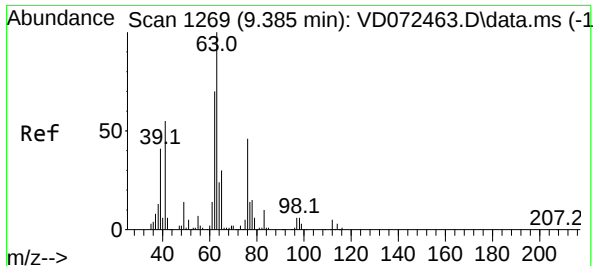
Tgt Ion: 43 Resp: 153080
Ion Ratio Lower Upper
43 100
61 30.6 22.4 33.6
87 14.5 8.7 13.1#



#44
Trichloroethene
Concen: 73.787 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion:130 Resp: 150468
Ion Ratio Lower Upper
130 100
95 96.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.450 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

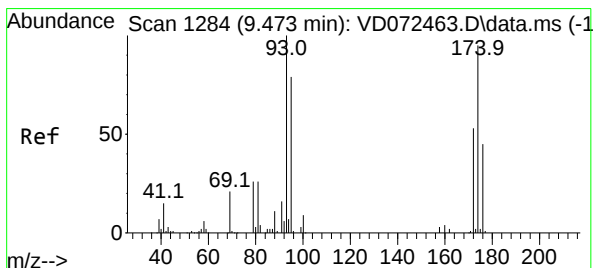
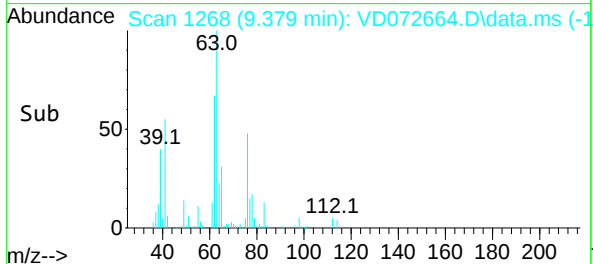
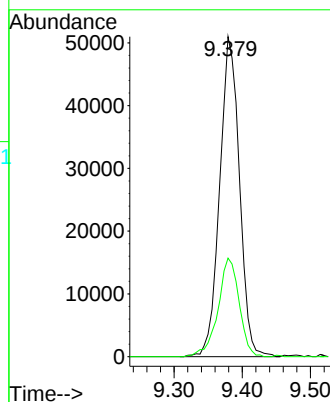
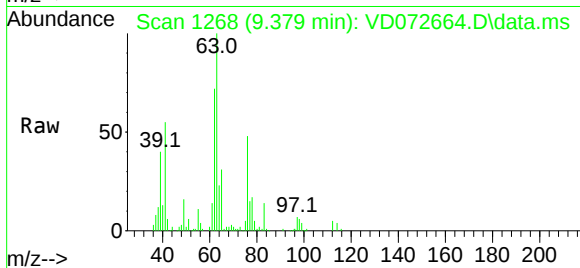
E14ST-EB4-041922-0-2MS

Tgt Ion: 63 Resp: 102804

Ion Ratio Lower Upper

63 100

65 30.8 26.2 39.4



#46

Dibromomethane

Concen: 63.514 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

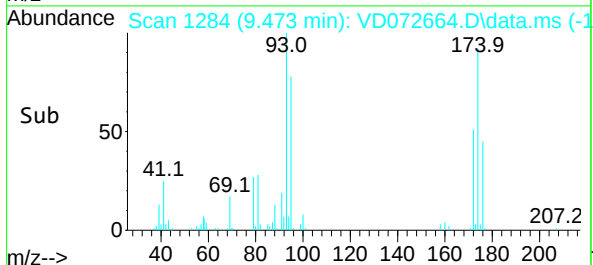
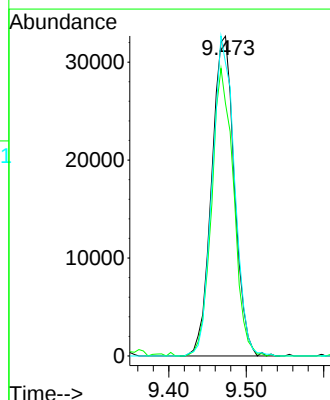
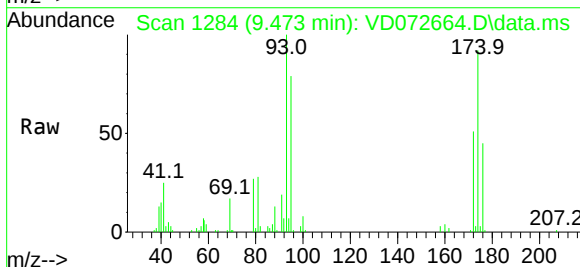
Tgt Ion: 93 Resp: 66582

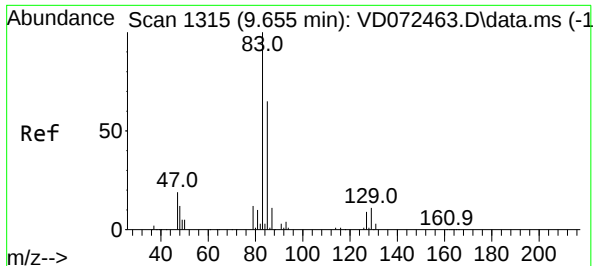
Ion Ratio Lower Upper

93 100

95 86.4 66.7 100.1

174 97.7 71.6 107.4

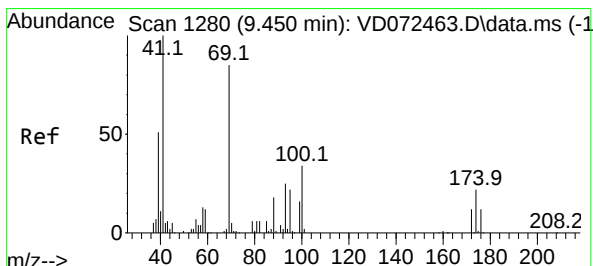
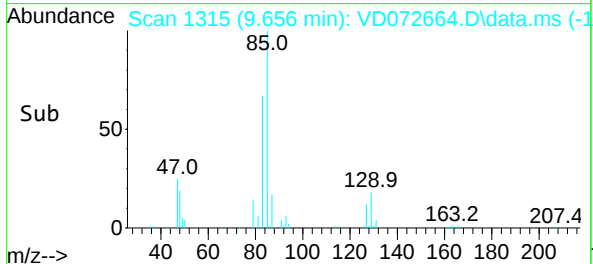
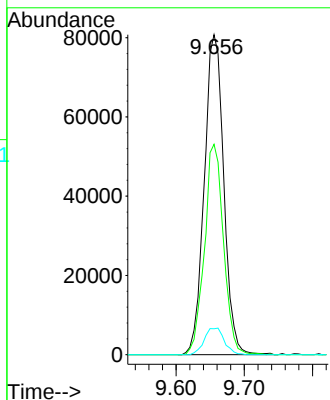
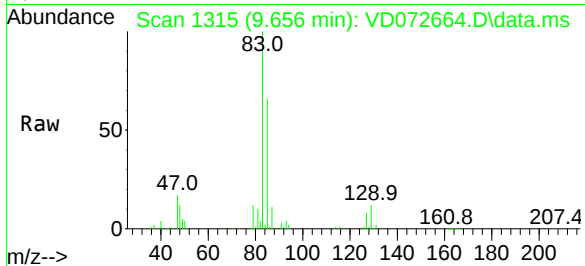




#47
Bromodichloromethane
Concen: 53.346 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

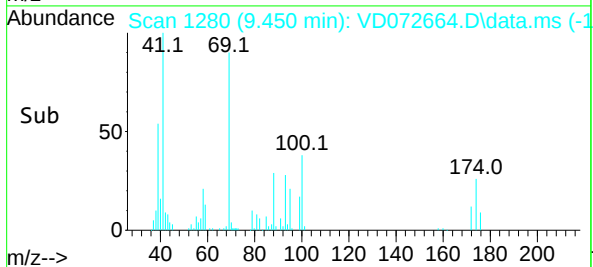
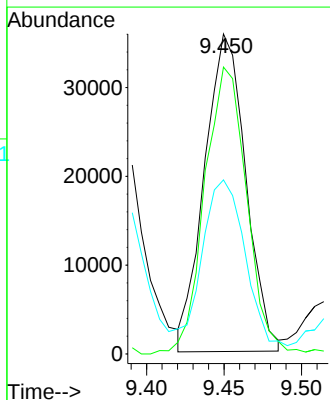
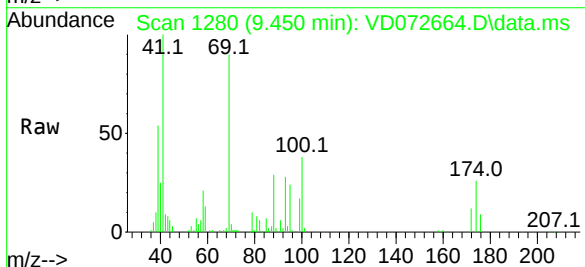
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

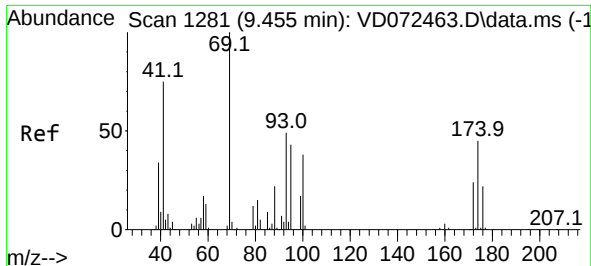
Tgt Ion: 83 Resp: 160662
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.0
127 8.1 6.1 9.1



#48
Methyl methacrylate
Concen: 65.260 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 41 Resp: 66232
Ion Ratio Lower Upper
41 100
69 91.9 56.7 85.1#
39 58.8 42.7 64.1





#49

1,4-Dioxane

Concen: 1827.484 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072664.D

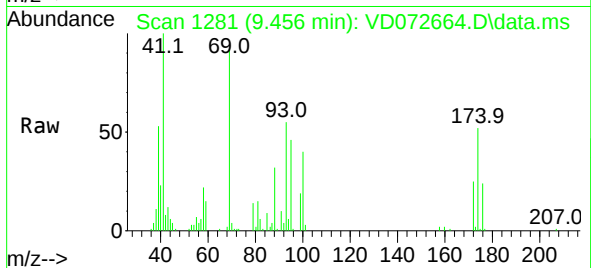
Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS



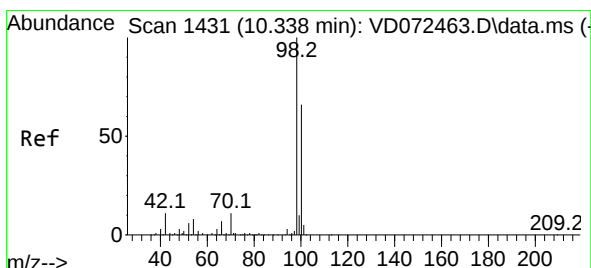
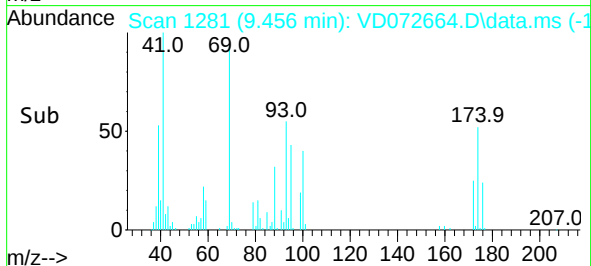
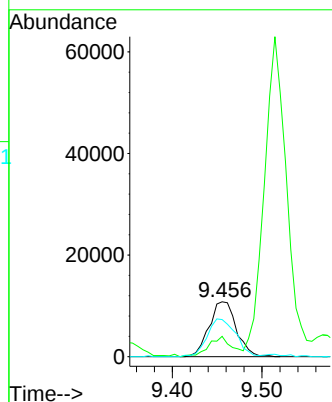
Tgt Ion: 88 Resp: 22789

Ion Ratio Lower Upper

88 100

43 31.7 31.0 46.4

58 72.1 58.1 87.1



#50

Toluene-d8

Concen: 50.461 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072664.D

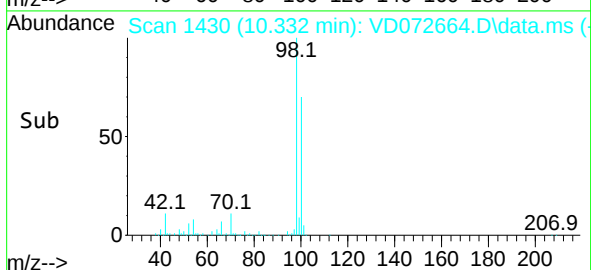
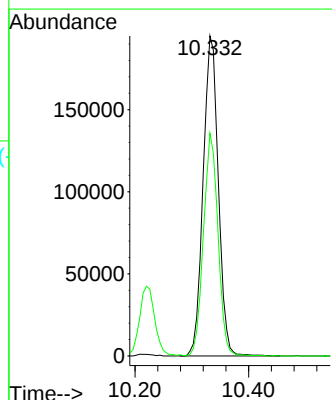
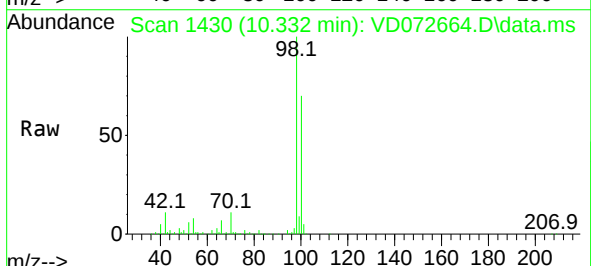
Acq: 21 Apr 2022 12:03

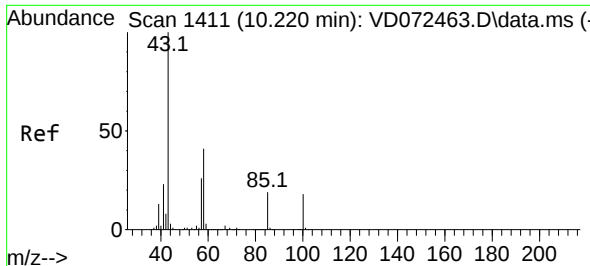
Tgt Ion: 98 Resp: 360758

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

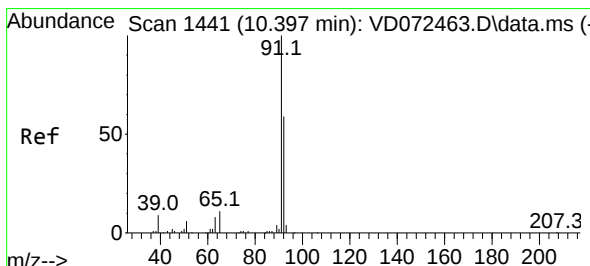
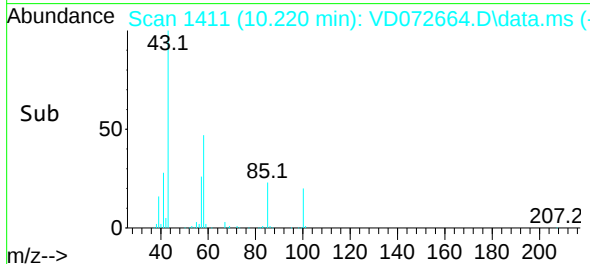
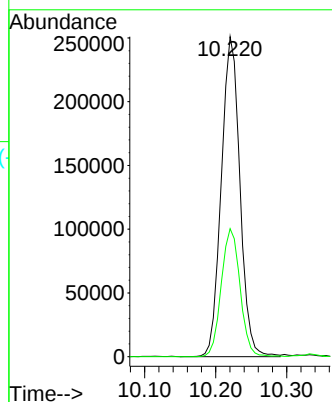
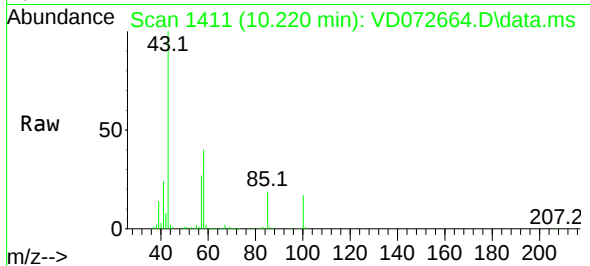




#51
4-Methyl-2-Pentanone
Concen: 407.250 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

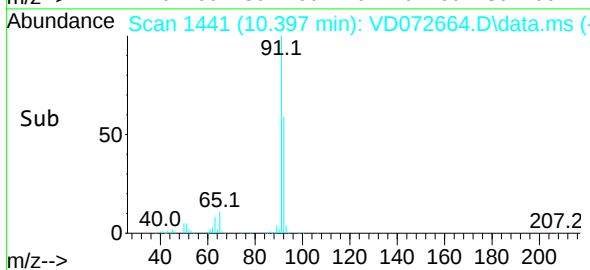
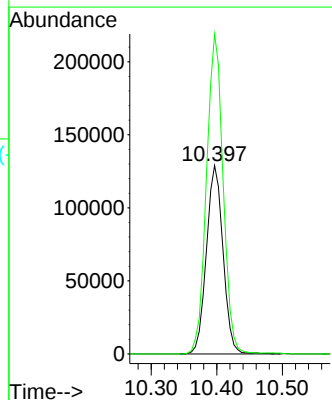
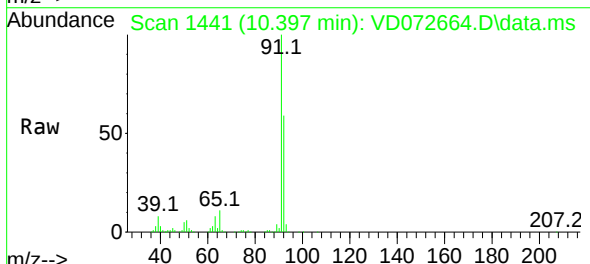
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

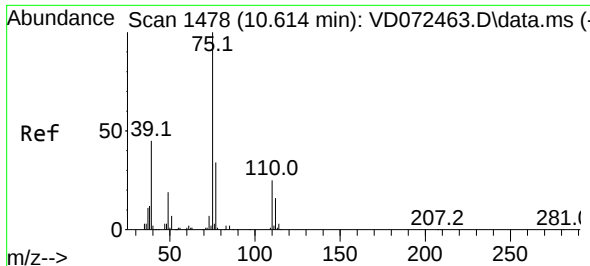
Tgt Ion: 43 Resp: 456805
Ion Ratio Lower Upper
43 100
58 40.3 28.6 43.0



#52
Toluene
Concen: 47.691 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 92 Resp: 227573
Ion Ratio Lower Upper
92 100
91 169.4 139.6 209.4

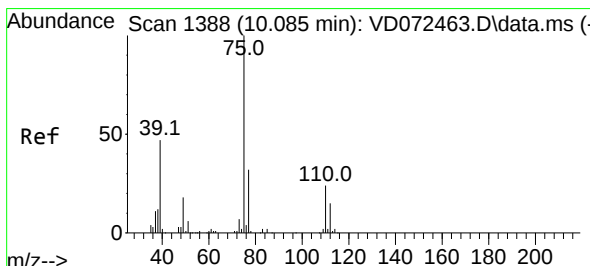
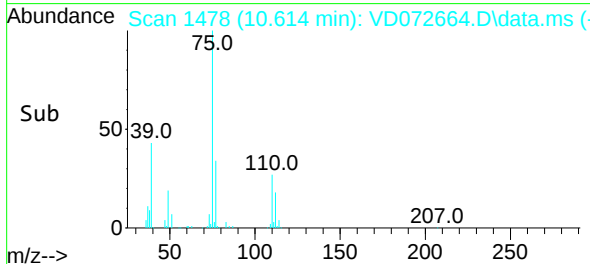
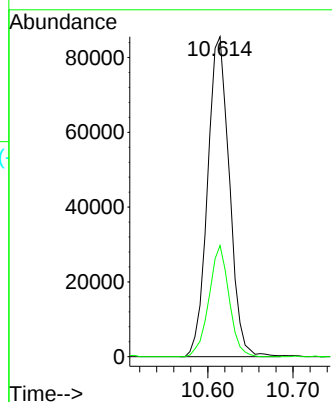
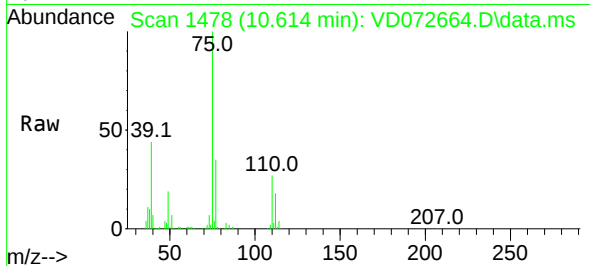




#53
t-1,3-Dichloropropene
Concen: 57.966 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

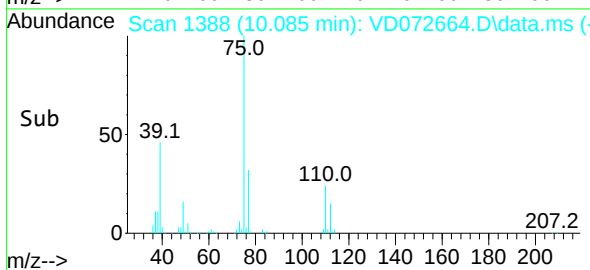
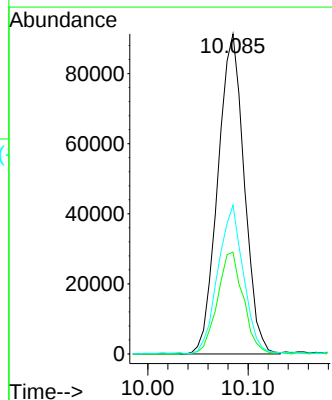
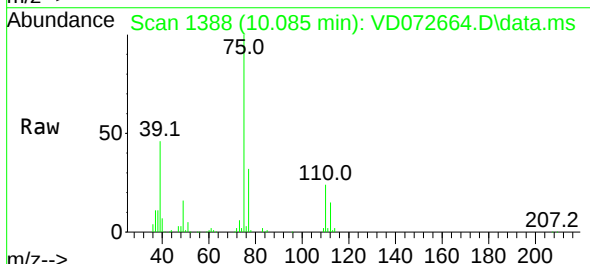
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

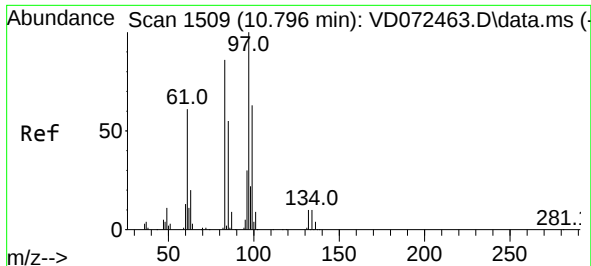
Tgt Ion: 75 Resp: 152126
Ion Ratio Lower Upper
75 100
77 34.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.663 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 75 Resp: 166510
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 46.1 46.8 70.2#



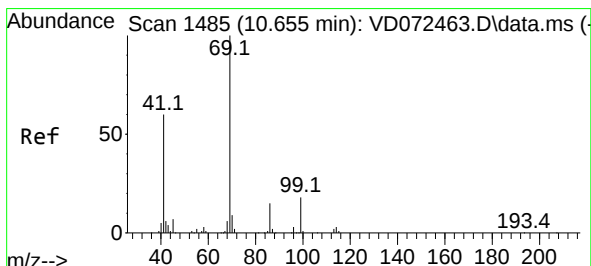
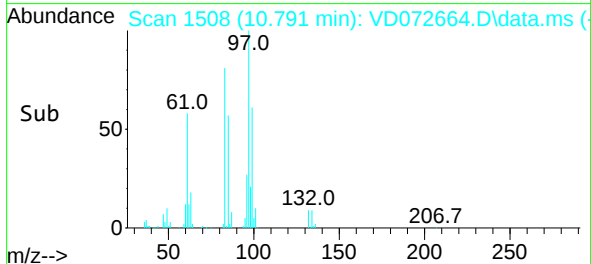
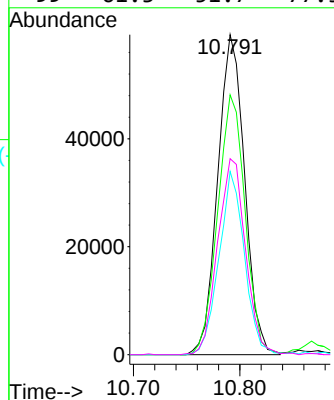
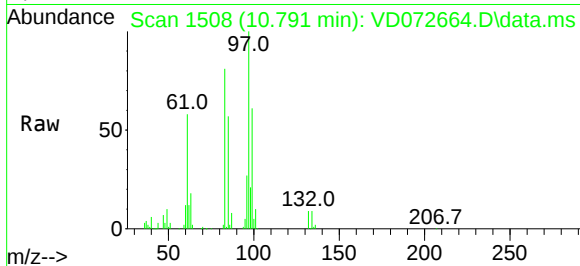


#55
1,1,2-Trichloroethane
Concen: 65.244 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Instrument : MSVOA_D
ClientSampleId : E14ST-EB4-041922-0-2MS

Tgt Ion: 97 Resp: 103691

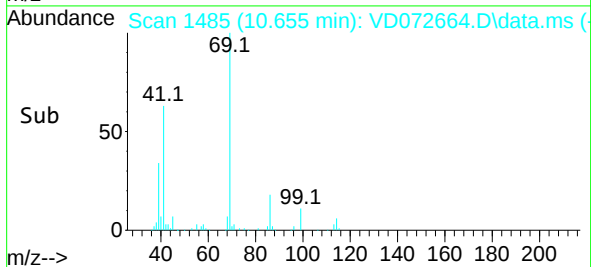
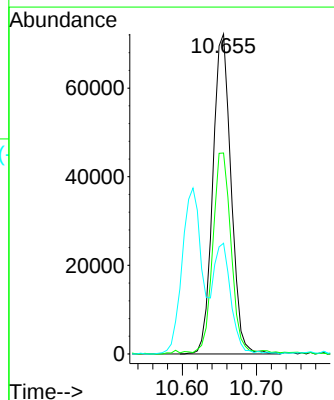
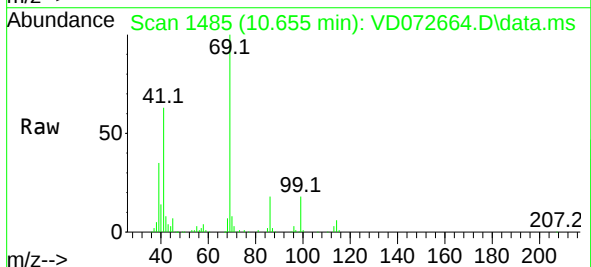
Ion	Ratio	Lower	Upper
97	100		
83	81.2	69.0	103.4
85	57.2	42.6	63.8
99	61.3	51.7	77.5

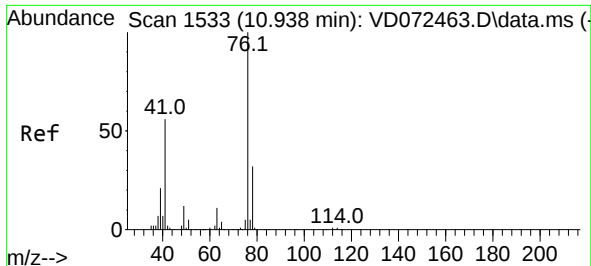


#56
Ethyl methacrylate
Concen: 62.790 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 69 Resp: 123310

Ion	Ratio	Lower	Upper
69	100		
41	61.0	63.0	94.6#
39	31.3	33.8	50.8#

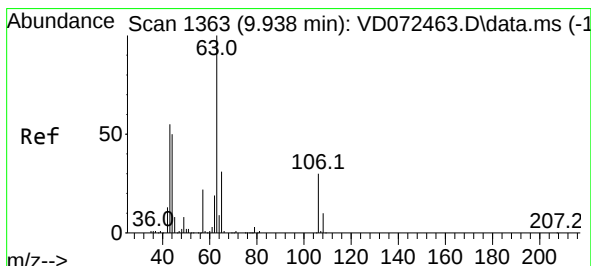
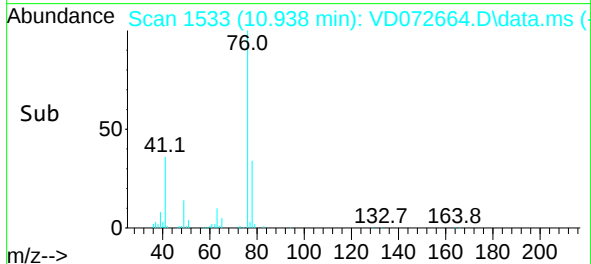
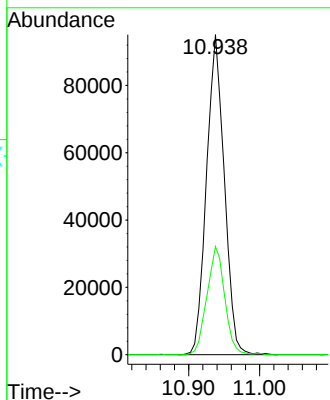
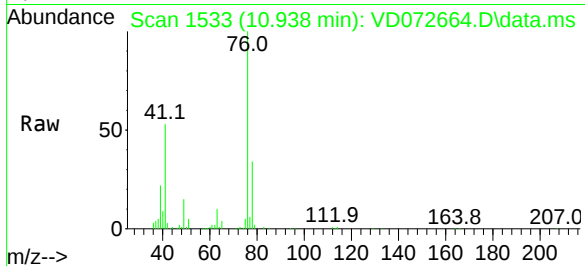




#57
1,3-Dichloropropane
Concen: 63.080 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

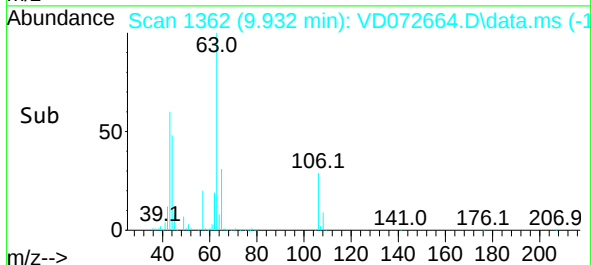
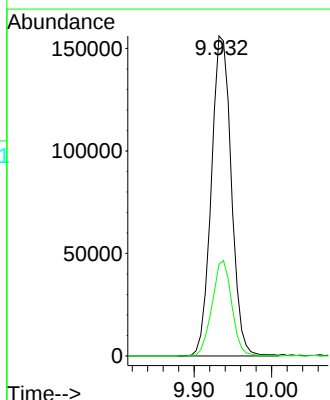
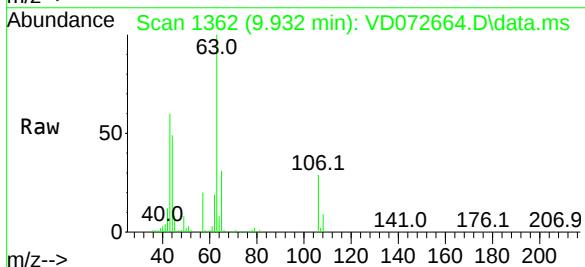
Instrument : MSVOA_D
ClientSampleId : E14ST-EB4-041922-0-2MS

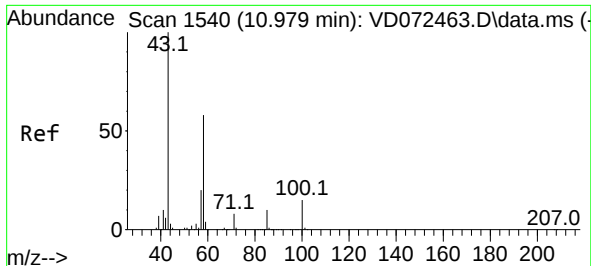
Tgt Ion: 76 Resp: 165734
Ion Ratio Lower Upper
76 100
78 33.6 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 356.774 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 63 Resp: 279935
Ion Ratio Lower Upper
63 100
106 29.4 21.4 32.0

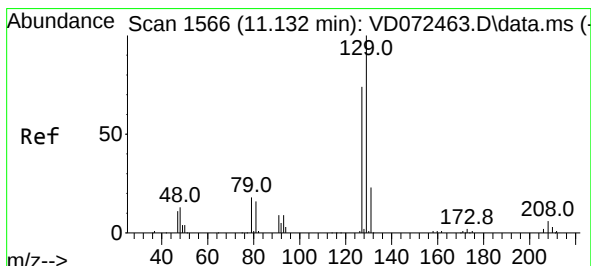
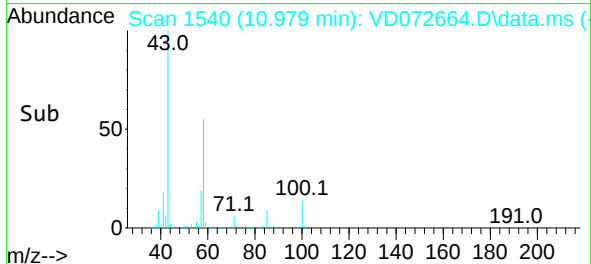
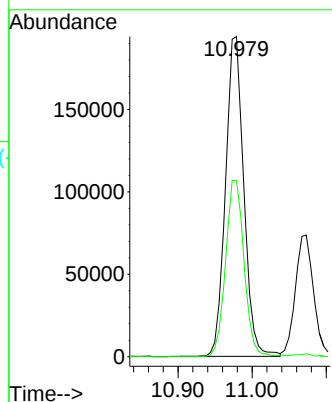
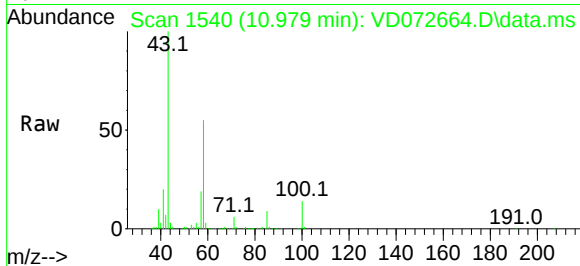




#59
2-Hexanone
Concen: 436.003 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

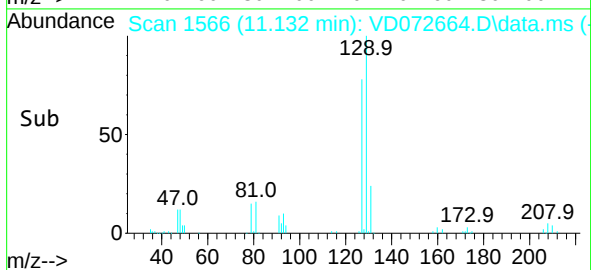
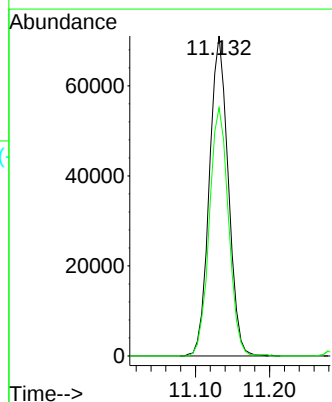
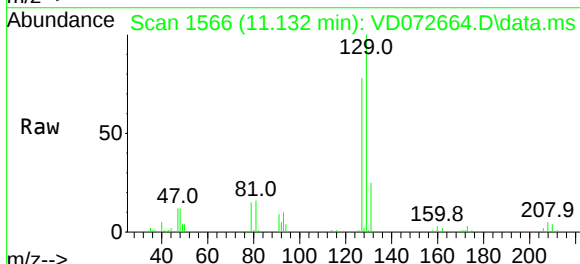
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

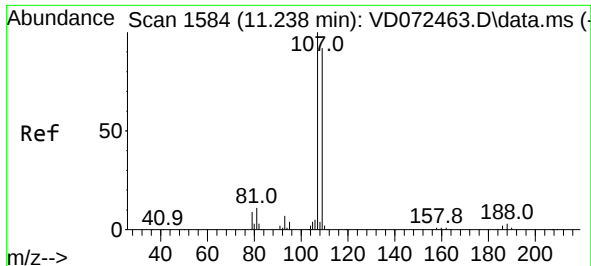
Tgt Ion: 43 Resp: 332568
Ion Ratio Lower Upper
43 100
58 55.8 25.3 75.9



#60
Dibromochloromethane
Concen: 61.155 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 129 Resp: 125372
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6

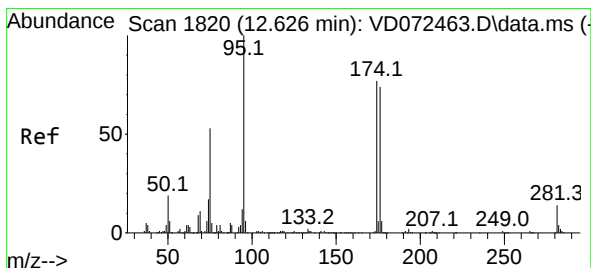
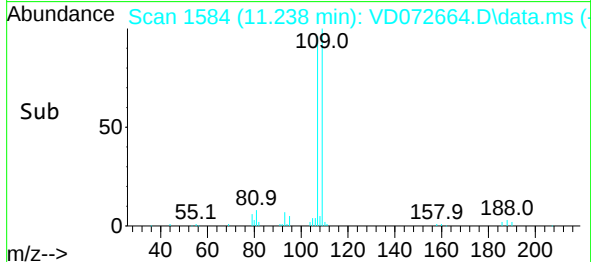
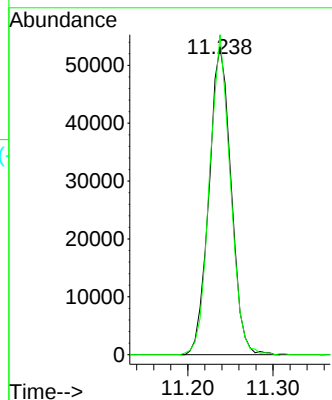
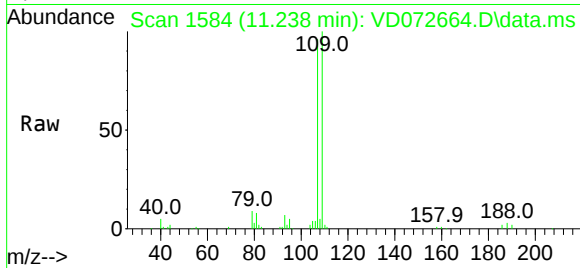




#61
1,2-Dibromoethane
Concen: 67.836 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

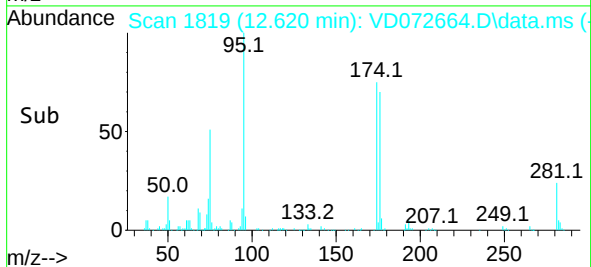
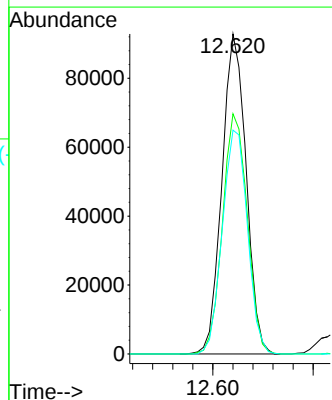
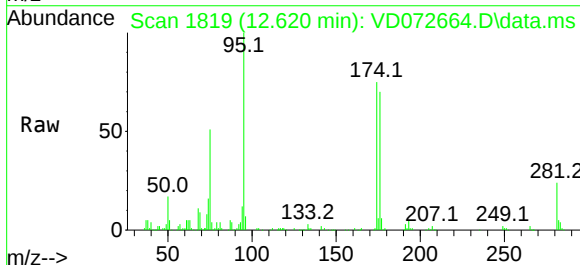
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

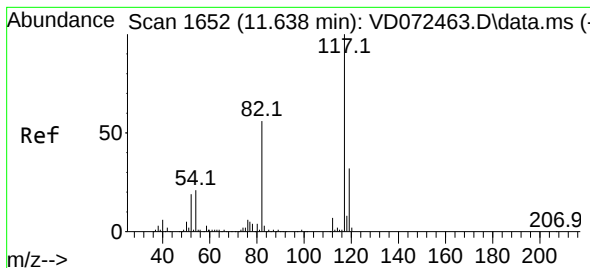
Tgt Ion:107 Resp: 95721
Ion Ratio Lower Upper
107 100
109 98.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.581 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 95 Resp: 155190
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 72.7 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072664.D

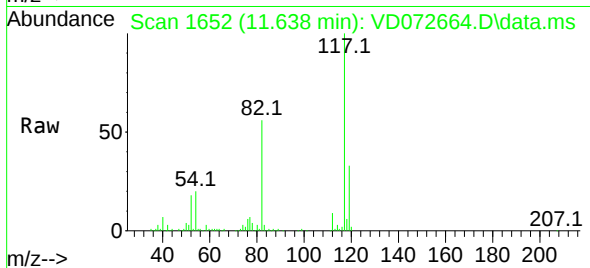
Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS



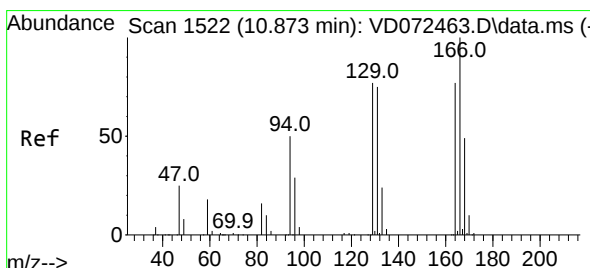
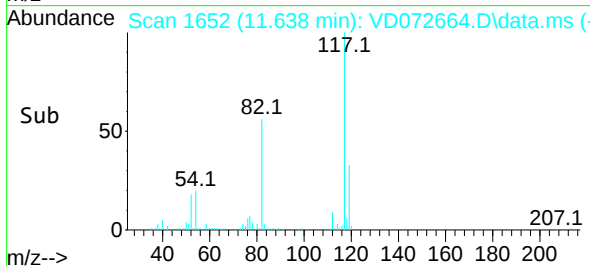
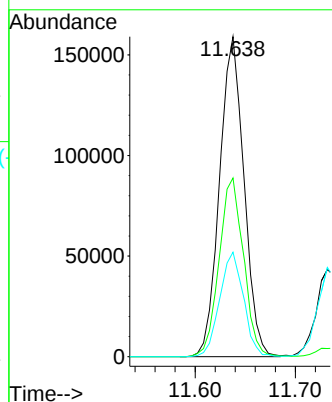
Tgt Ion:117 Resp: 269168

Ion Ratio Lower Upper

117 100

82 55.9 45.3 67.9

119 32.7 26.6 40.0



#64

Tetrachloroethene

Concen: 86.232 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Tgt Ion:164 Resp: 151651

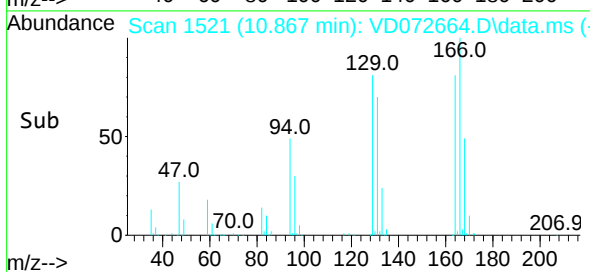
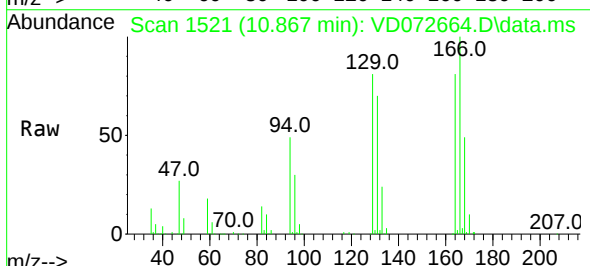
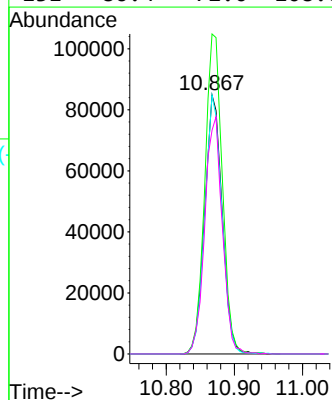
Ion Ratio Lower Upper

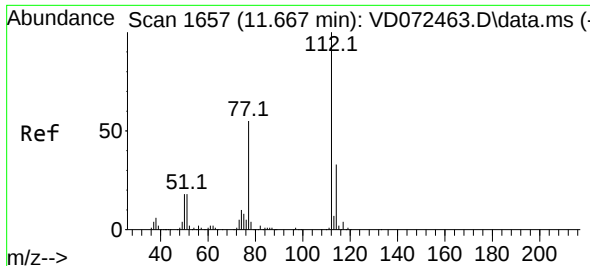
164 100

166 123.6 98.5 147.7

129 99.8 74.6 111.8

131 86.4 72.0 108.0

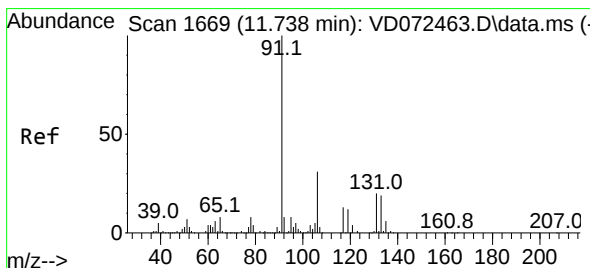
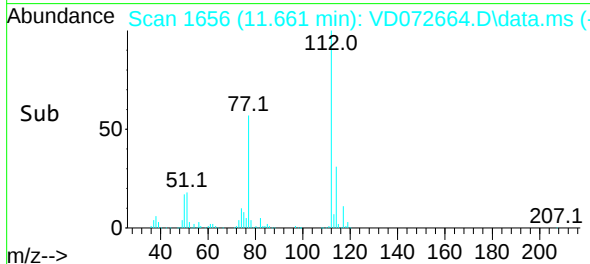
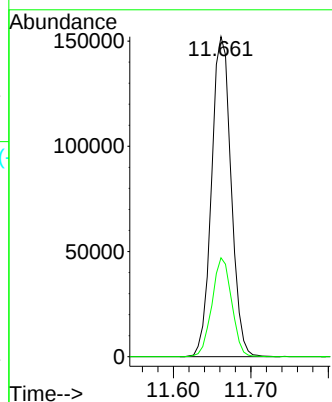
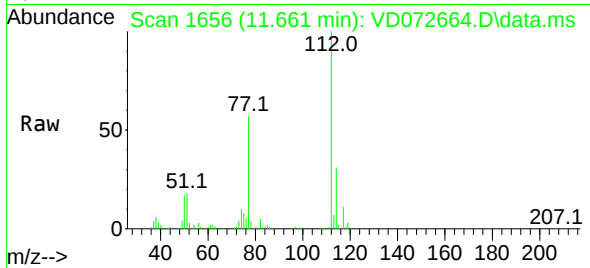




#65
Chlorobenzene
Concen: 44.296 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

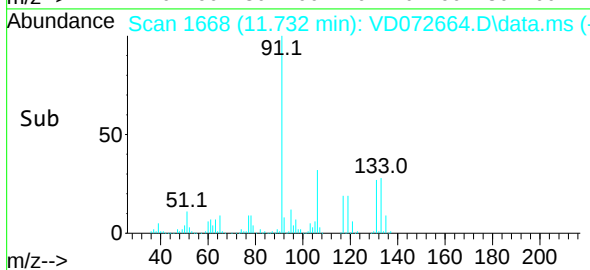
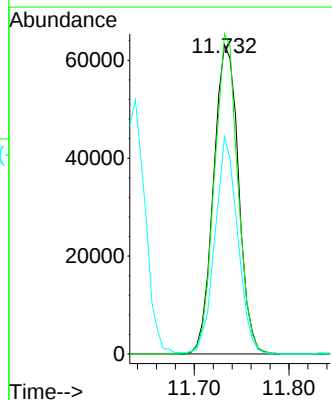
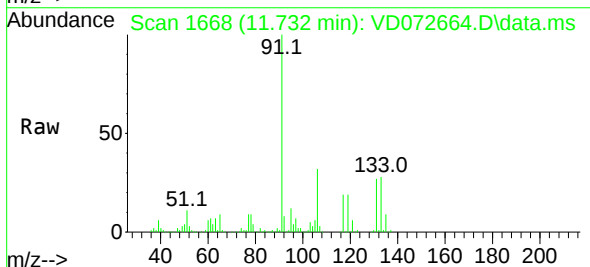
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

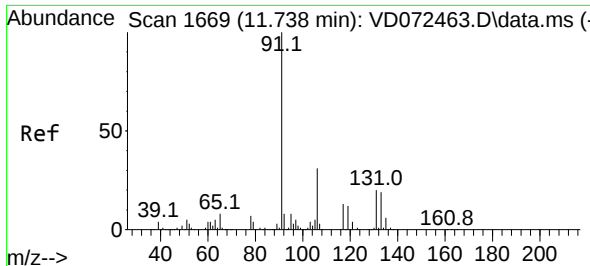
Tgt Ion:112 Resp: 266570
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.012 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion:131 Resp: 115515
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.3
119 64.4 31.9 95.9

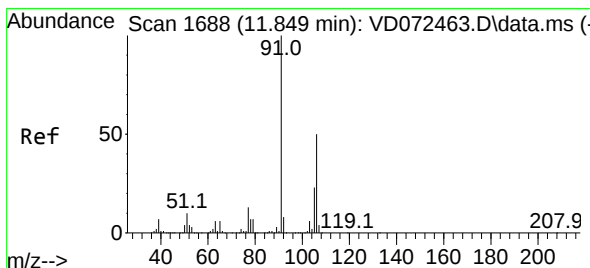
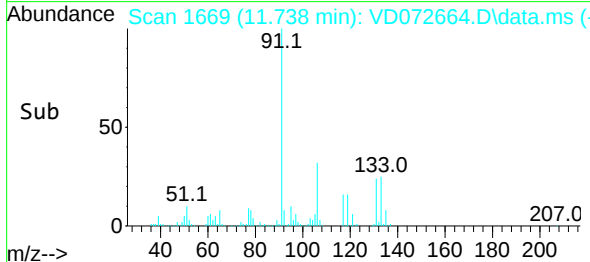
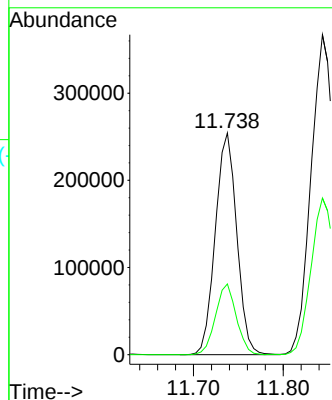
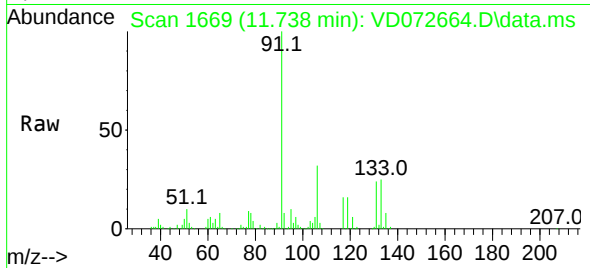




#67
Ethyl Benzene
Concen: 40.173 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

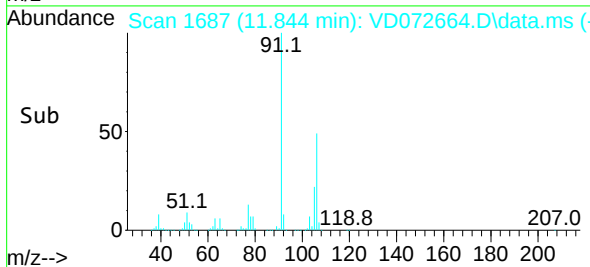
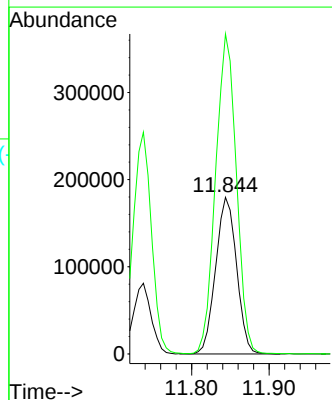
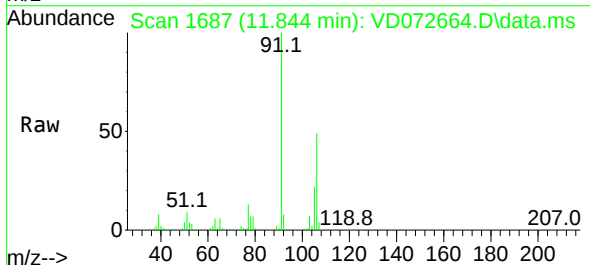
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

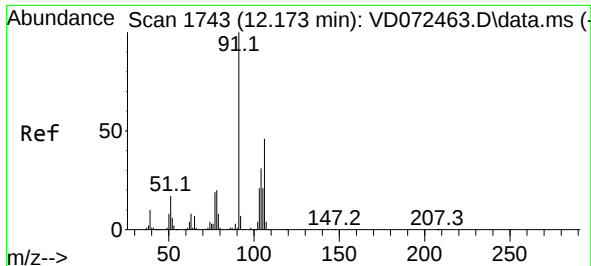
Tgt Ion: 91 Resp: 421837
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4



#68
m/p-Xylenes
Concen: 84.646 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 106 Resp: 337207
Ion Ratio Lower Upper
106 100
91 202.8 163.7 245.5

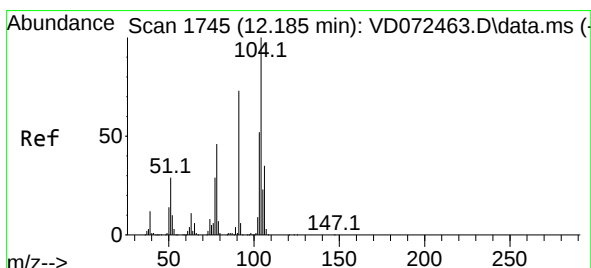
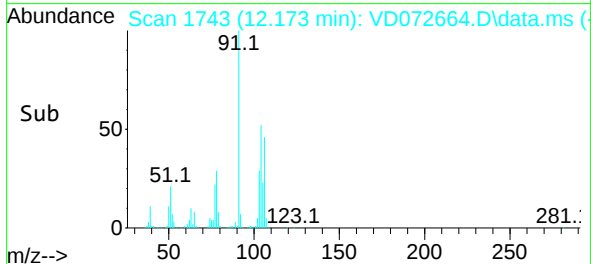
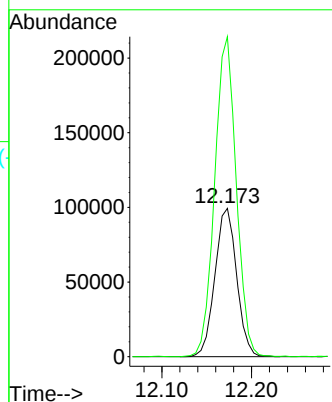
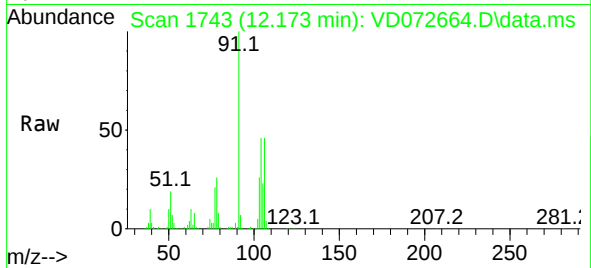




#69
o-Xylene
Concen: 43.431 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

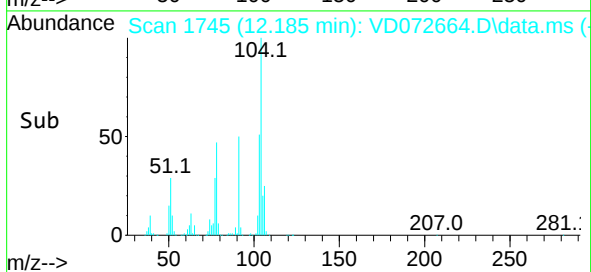
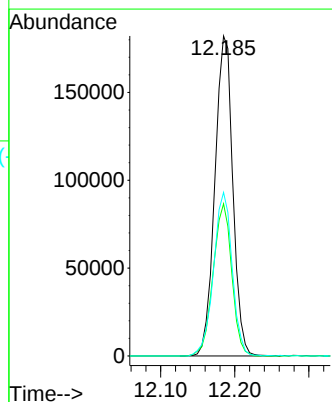
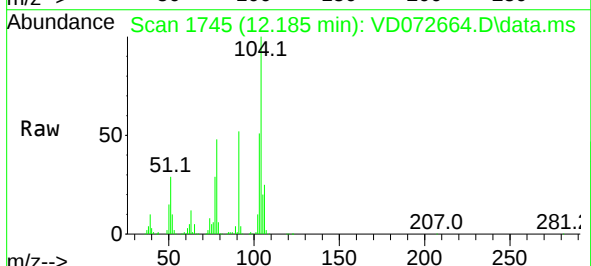
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

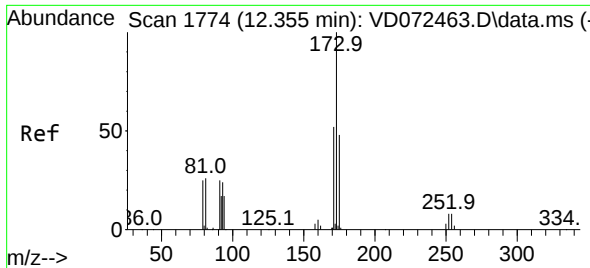
Tgt Ion:106 Resp: 166932
Ion Ratio Lower Upper
106 100
91 214.3 110.4 331.2



#70
Styrene
Concen: 45.208 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion:104 Resp: 306243
Ion Ratio Lower Upper
104 100
78 49.3 41.8 62.8
103 53.1 44.2 66.4

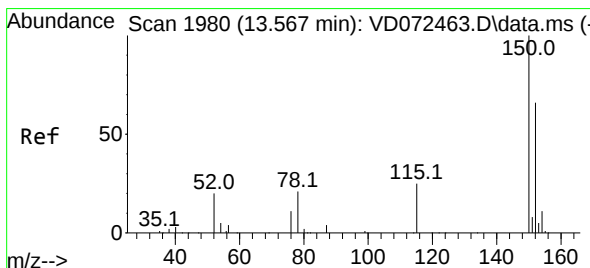
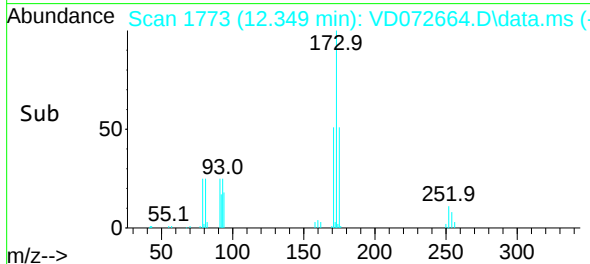
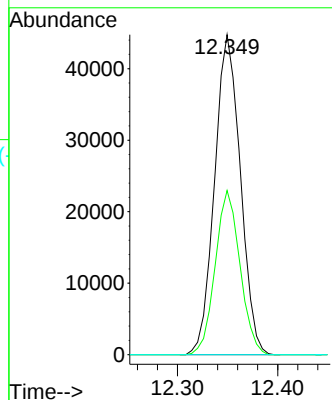
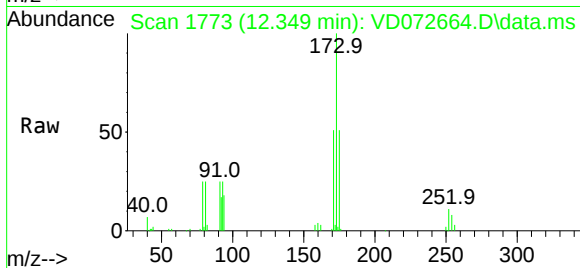




#71
Bromoform
Concen: 62.584 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

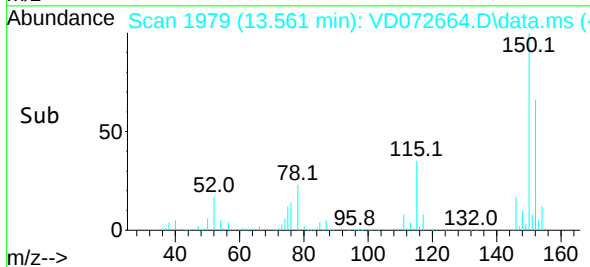
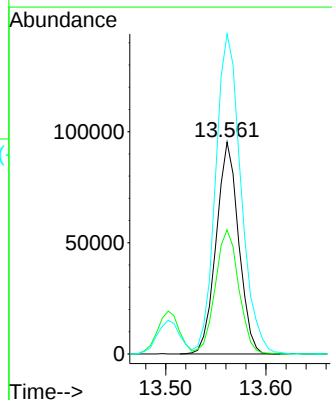
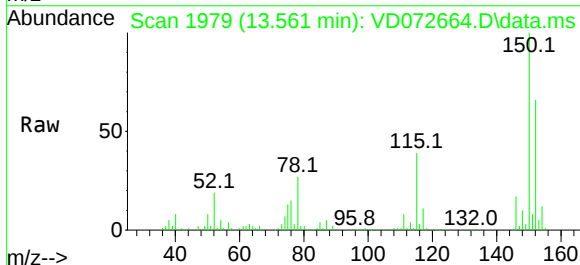
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

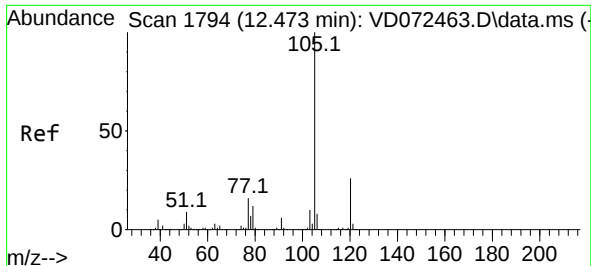
Tgt Ion:173 Resp: 79824
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion:152 Resp: 148119
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 171.0 0.0 348.6

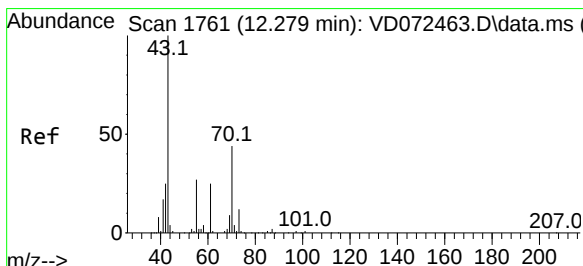
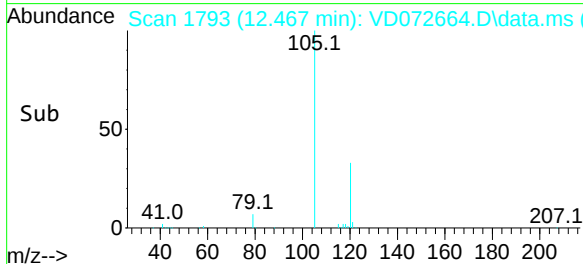
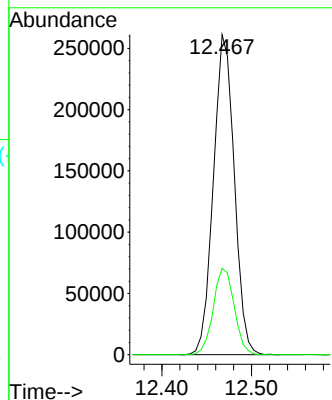
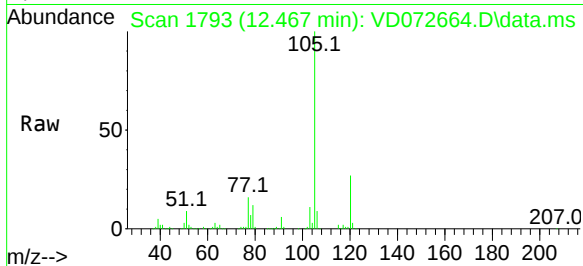




#73
Isopropylbenzene
Concen: 35.259 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

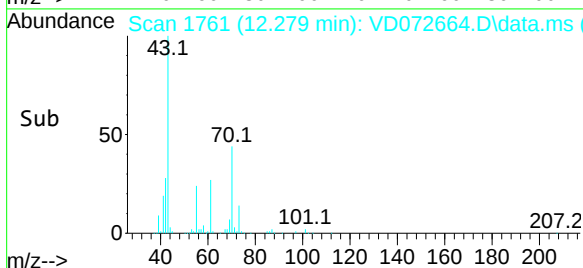
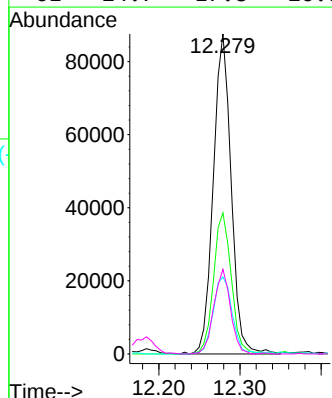
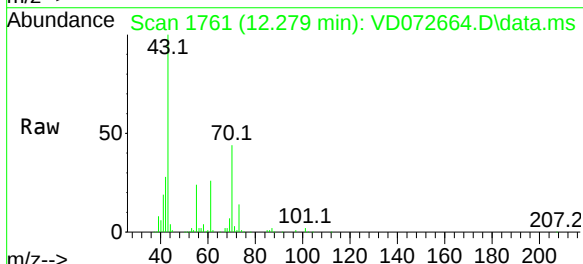
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

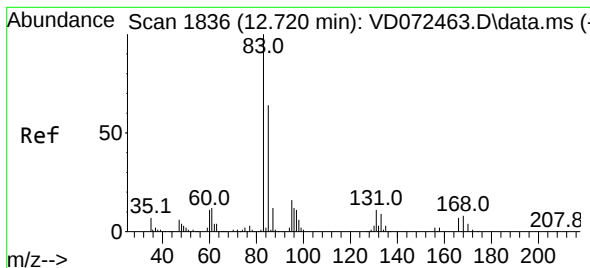
Tgt Ion:105 Resp: 421777
Ion Ratio Lower Upper
105 100
120 27.0 13.0 38.9



#74
N-ethyl acetate
Concen: 53.393 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 43 Resp: 134012
Ion Ratio Lower Upper
43 100
70 43.6 31.3 46.9
55 25.6 20.0 30.0
61 24.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 29.169 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS

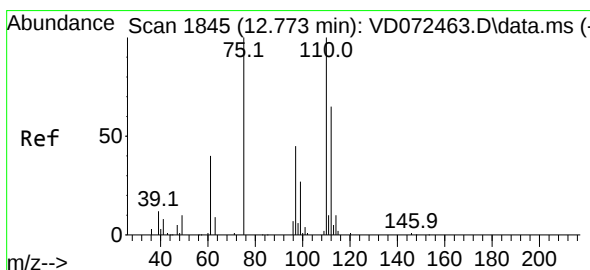
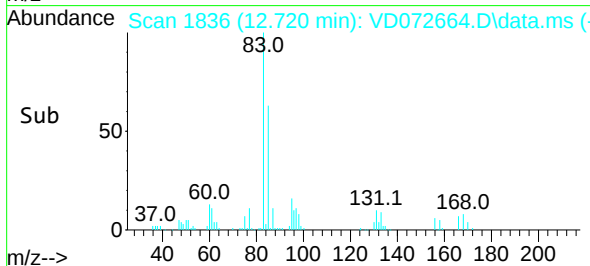
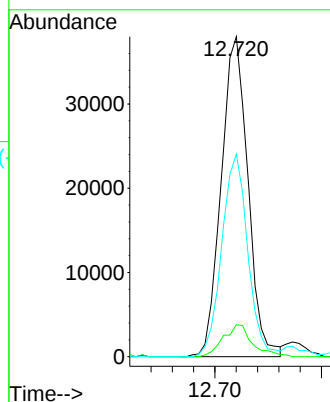
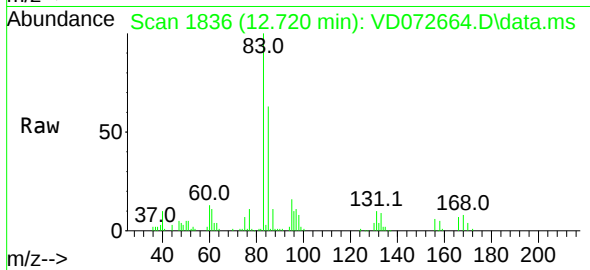
Tgt Ion: 83 Resp: 66090

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 61.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 99.964 ug/l

RT: 12.773 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VD072664.D

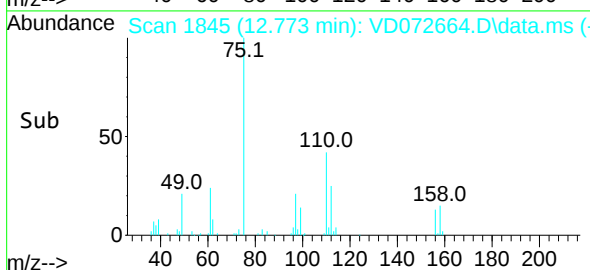
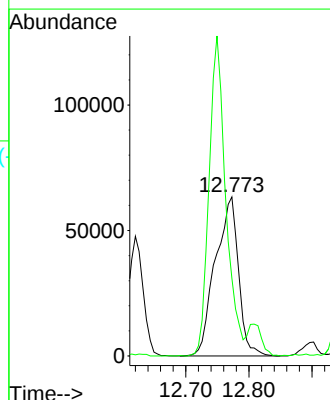
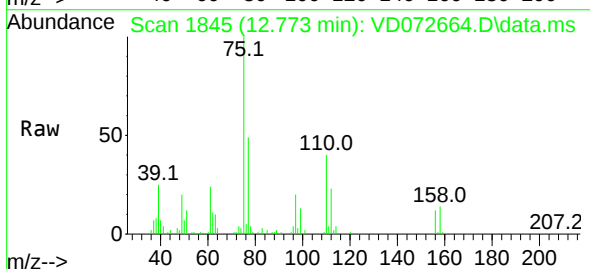
Acq: 21 Apr 2022 12:03

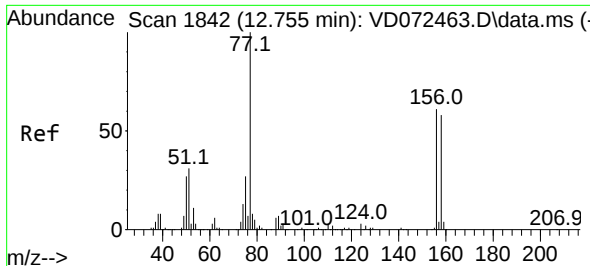
Tgt Ion: 75 Resp: 161489

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

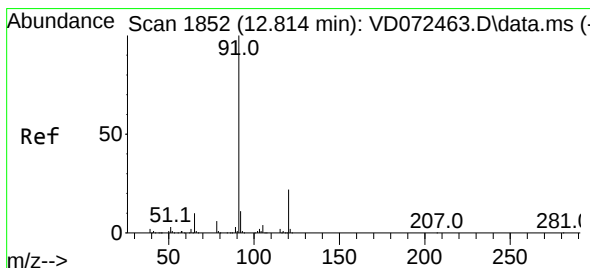
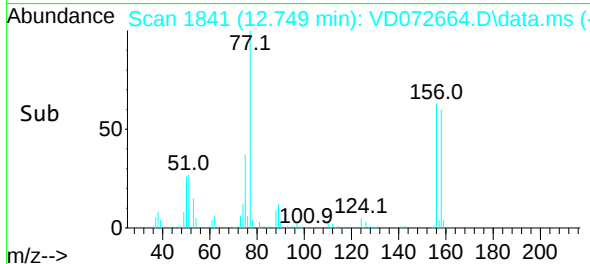
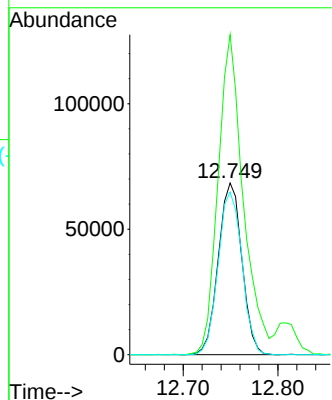
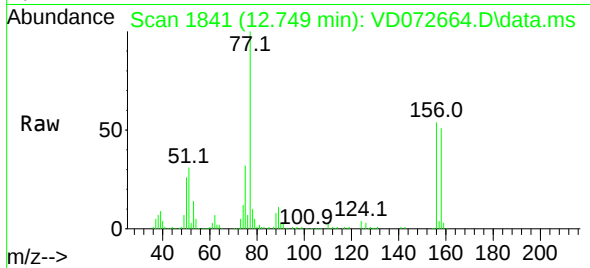




#77
Bromobenzene
Concen: 44.214 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

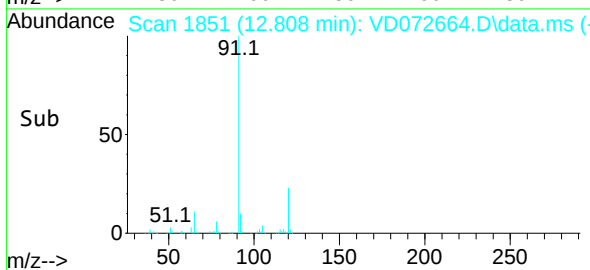
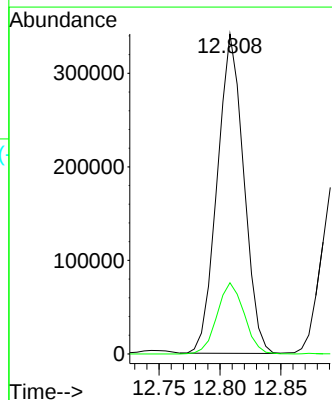
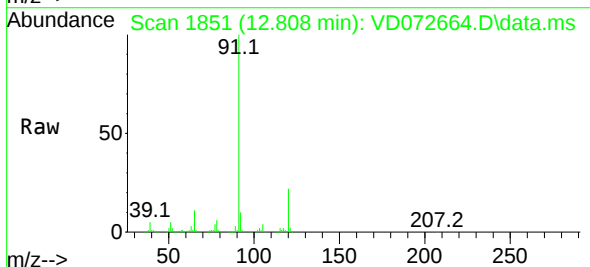
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

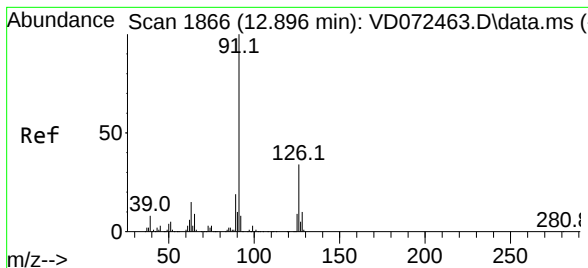
Tgt Ion:156 Resp: 118547
Ion Ratio Lower Upper
156 100
77 197.9 102.8 308.3
158 95.8 48.7 146.1



#78
n-propylbenzene
Concen: 35.825 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 91 Resp: 516981
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 38.592 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

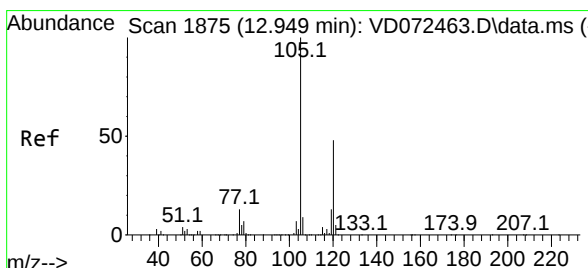
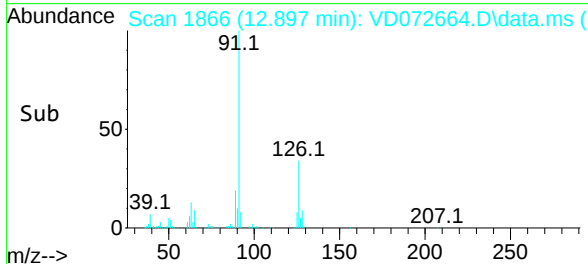
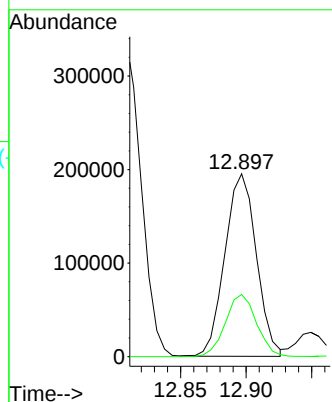
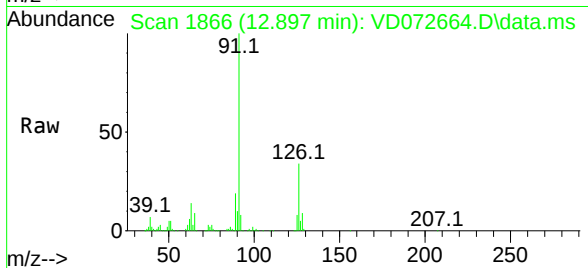
E14ST-EB4-041922-0-2MS

Tgt Ion: 91 Resp: 325692

Ion Ratio Lower Upper

91 100

126 33.8 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 36.760 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072664.D

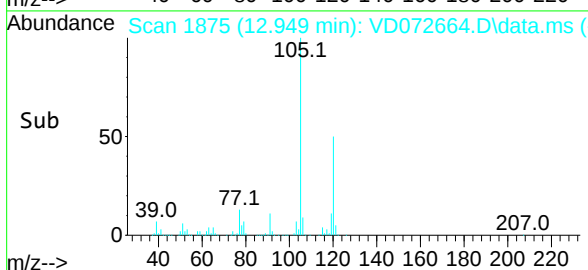
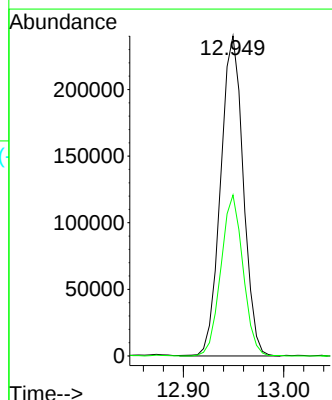
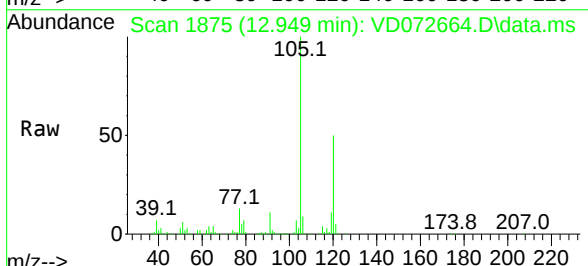
Acq: 21 Apr 2022 12:03

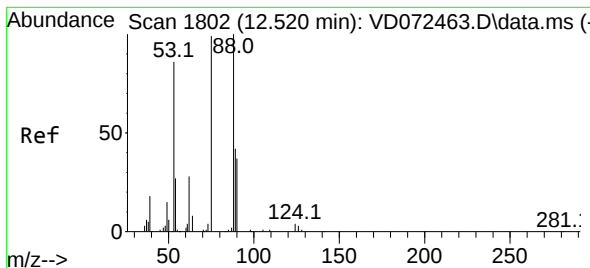
Tgt Ion: 105 Resp: 376610

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8

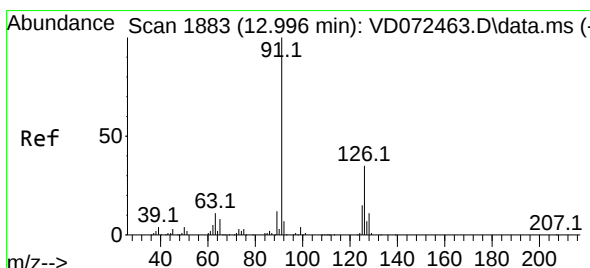
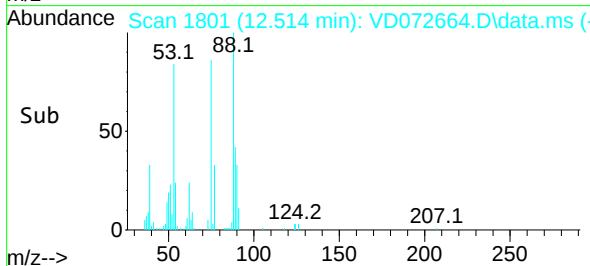
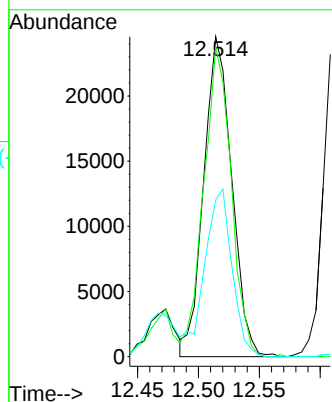
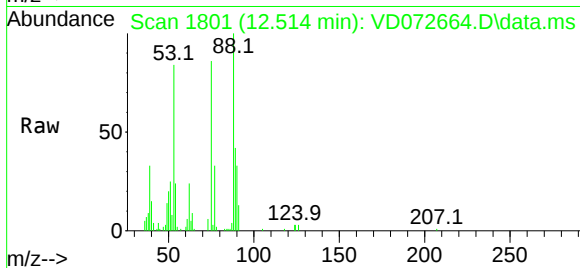




#81
trans-1,4-Dichloro-2-butene
Concen: 59.685 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

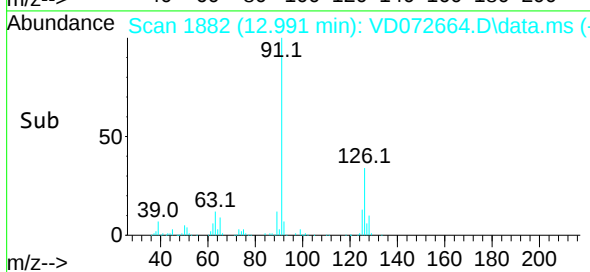
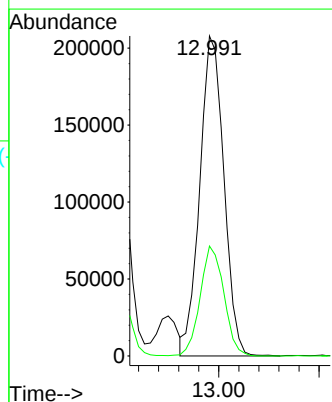
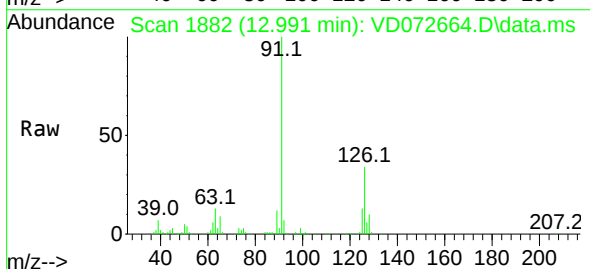
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

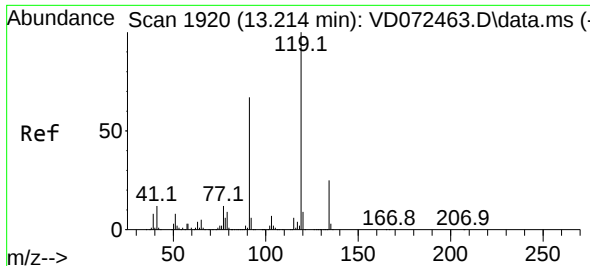
Tgt Ion: 75 Resp: 39294
Ion Ratio Lower Upper
75 100
53 95.0 86.5 129.7
89 51.3 33.9 50.9#



#82
4-Chlorotoluene
Concen: 39.500 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 91 Resp: 347180
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5

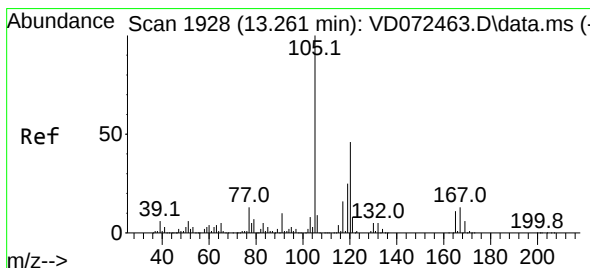
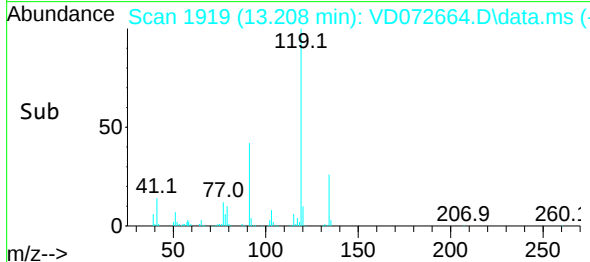
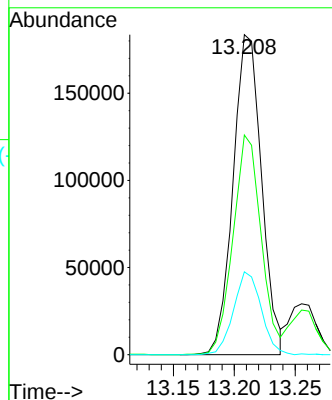
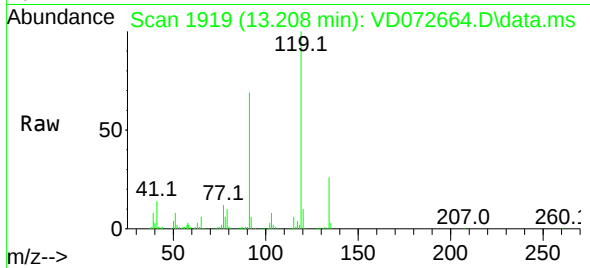




#83
tert-Butylbenzene
Concen: 33.780 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

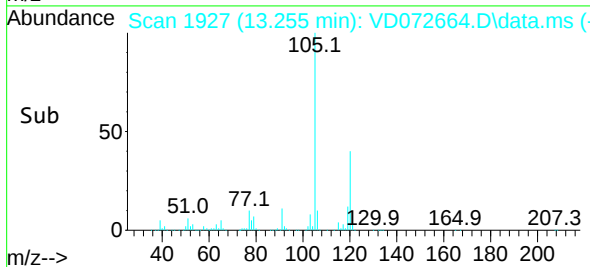
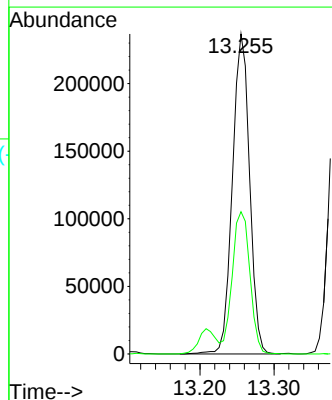
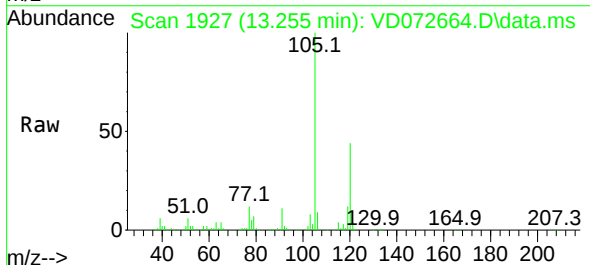
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

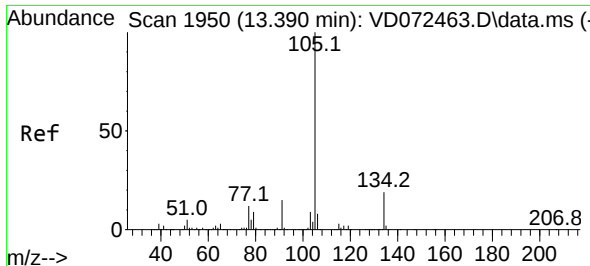
Tgt Ion:119 Resp: 299602
Ion Ratio Lower Upper
119 100
91 67.7 34.8 104.5
134 25.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 37.978 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion:105 Resp: 380477
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8

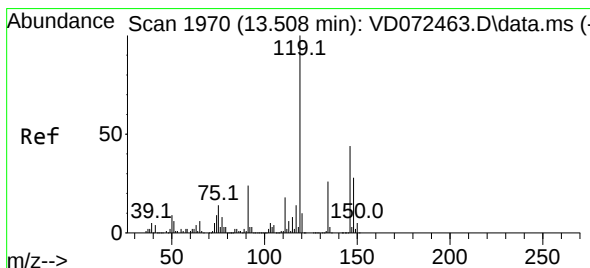
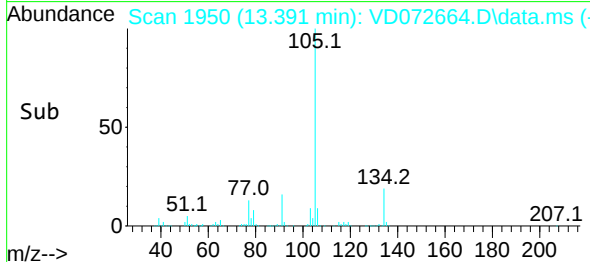
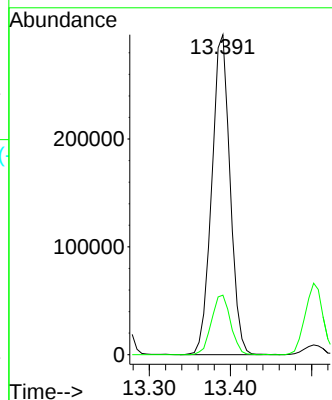
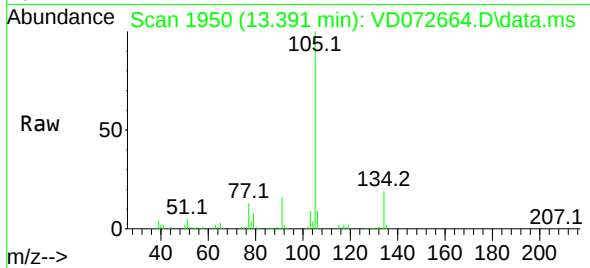




#85
 sec-Butylbenzene
 Concen: 34.745 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

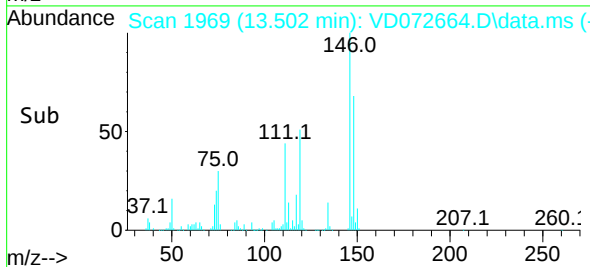
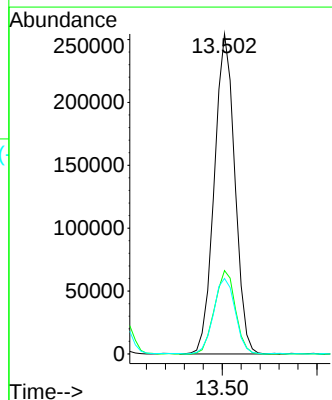
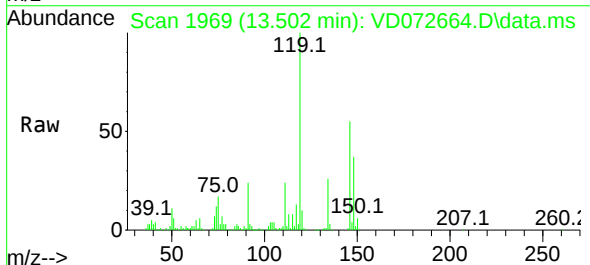
Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-0-2MS

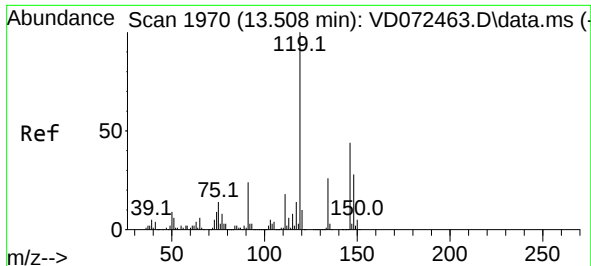
Tgt Ion:105 Resp: 464175
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 35.012 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

Tgt Ion:119 Resp: 382331
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 41.796 ug/l

RT: 13.502 min Scan# 1970

Delta R.T. -0.006 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS

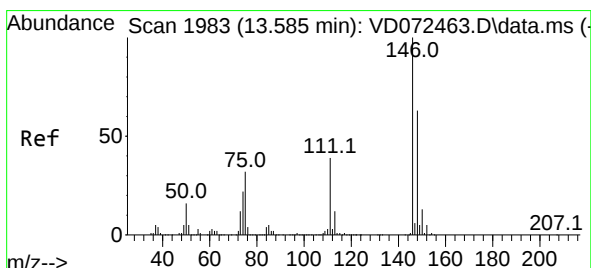
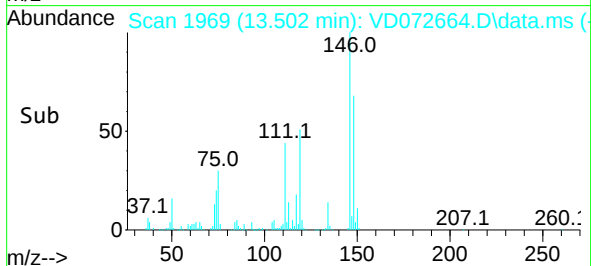
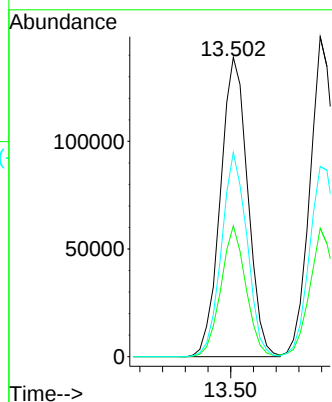
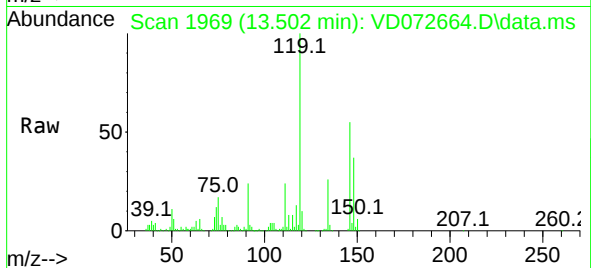
Tgt Ion:146 Resp: 232211

Ion Ratio Lower Upper

146 100

111 39.8 20.4 61.3

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 42.022 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

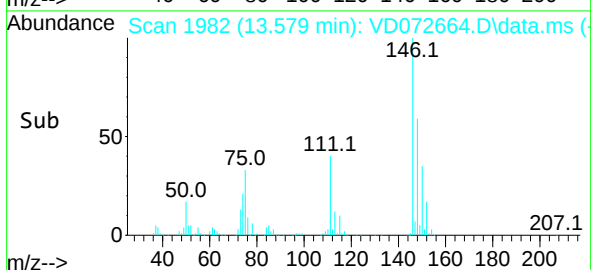
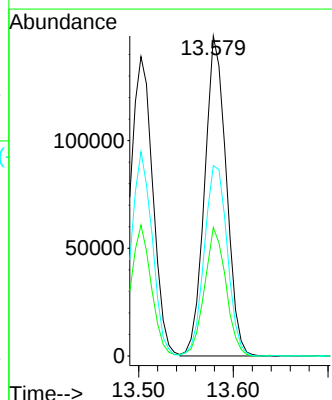
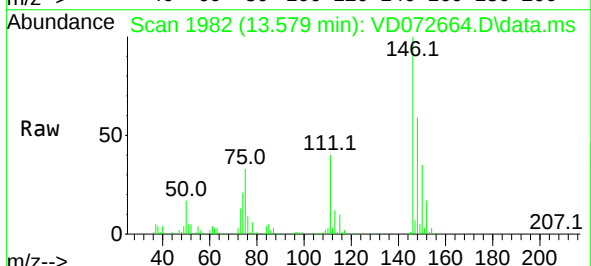
Tgt Ion:146 Resp: 235302

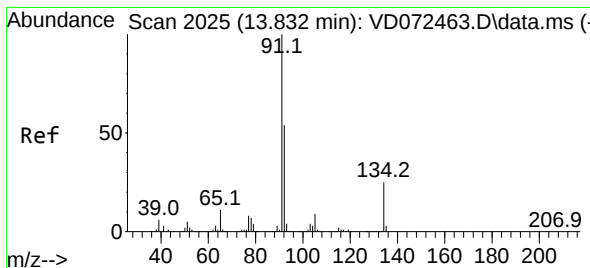
Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.9

148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 32.675 ug/l

RT: 13.826 min Scan# 2025

Delta R.T. -0.006 min

Lab File: VD072664.D

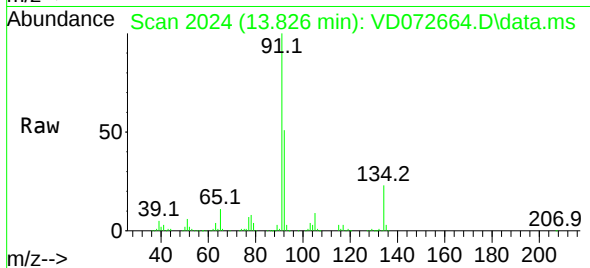
Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS



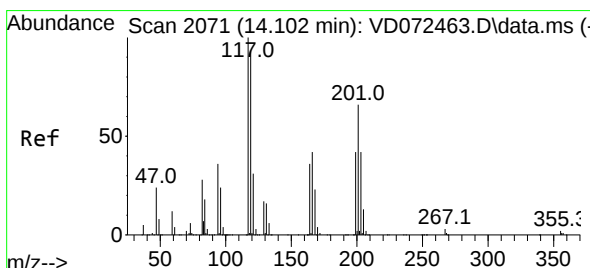
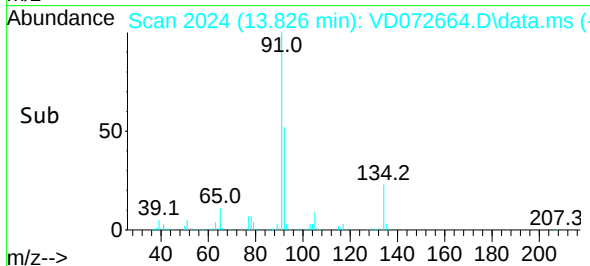
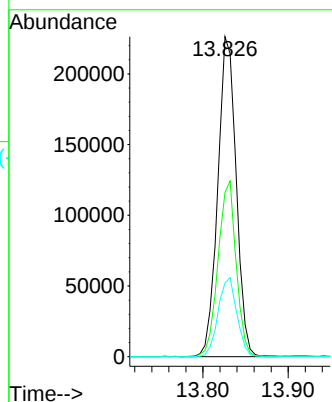
Tgt Ion: 91 Resp: 339897

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.8

134 25.2 12.3 36.9



#90

Hexachloroethane

Concen: 35.899 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. -0.006 min

Lab File: VD072664.D

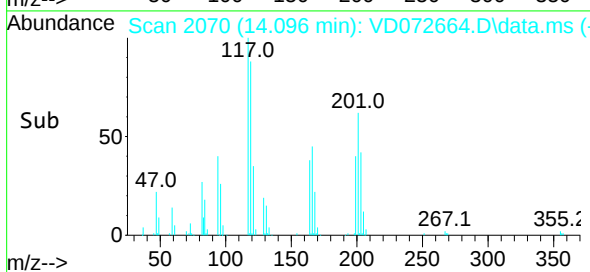
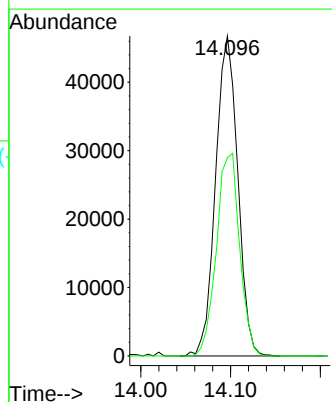
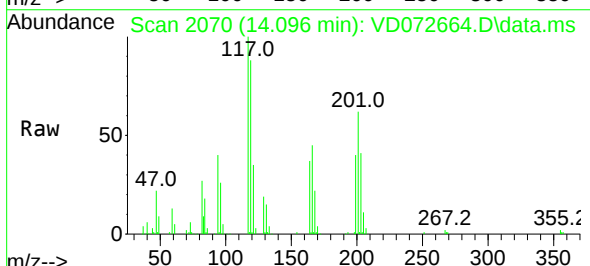
Acq: 21 Apr 2022 12:03

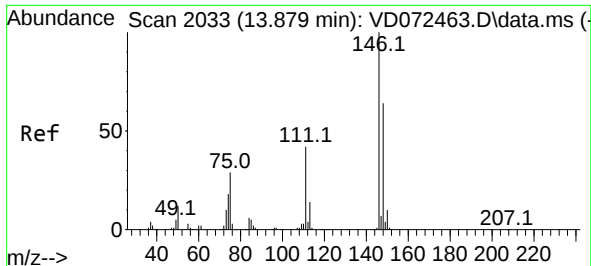
Tgt Ion: 117 Resp: 80250

Ion Ratio Lower Upper

117 100

201 66.3 33.4 100.2

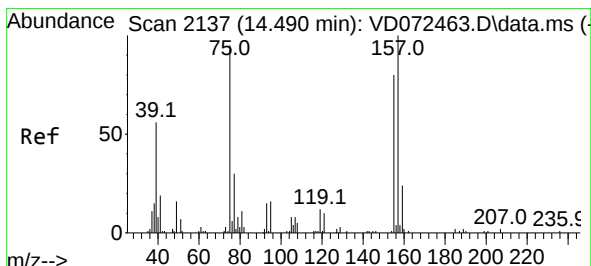
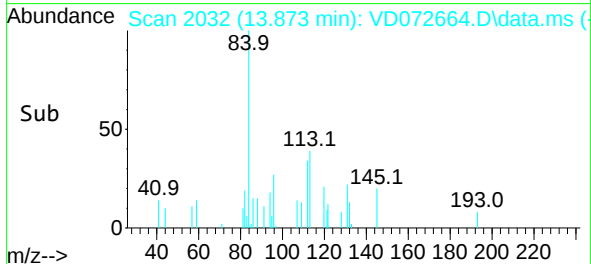
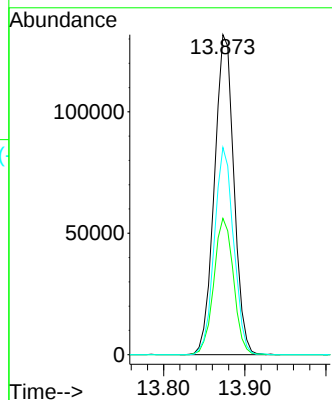
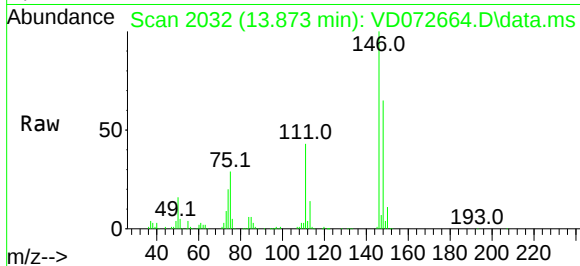




#91
1,2-Dichlorobenzene
Concen: 44.976 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

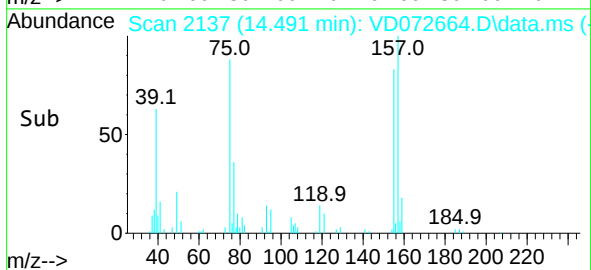
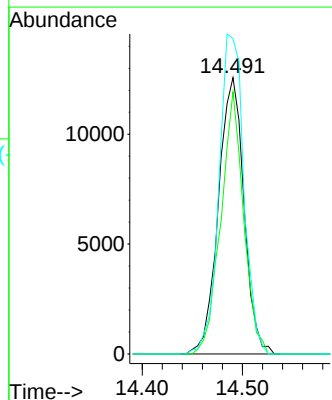
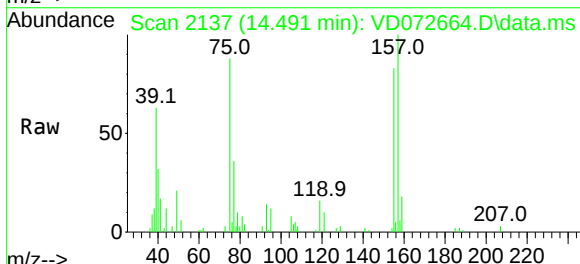
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

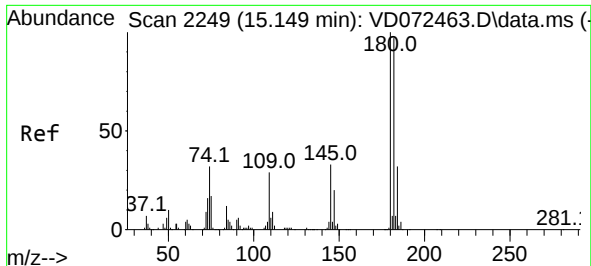
Tgt Ion:146 Resp: 220392
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.3
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 66.163 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072664.D
Acq: 21 Apr 2022 12:03

Tgt Ion: 75 Resp: 22171
Ion Ratio Lower Upper
75 100
155 84.4 36.8 110.3
157 112.7 48.4 145.0

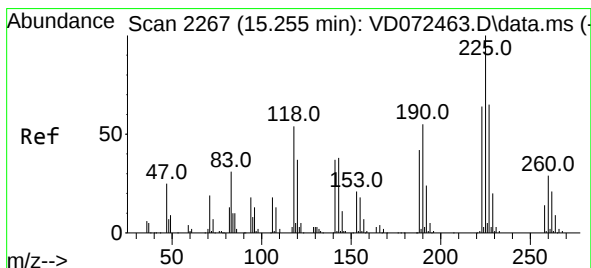
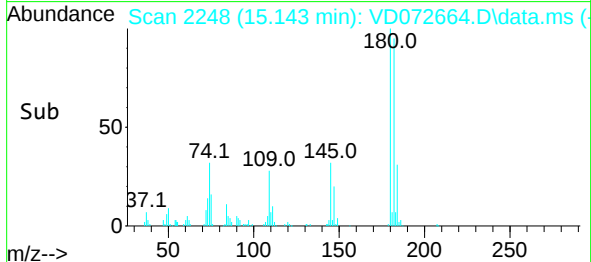
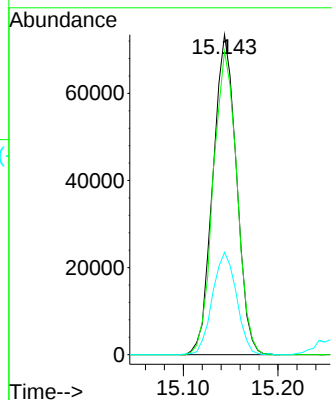
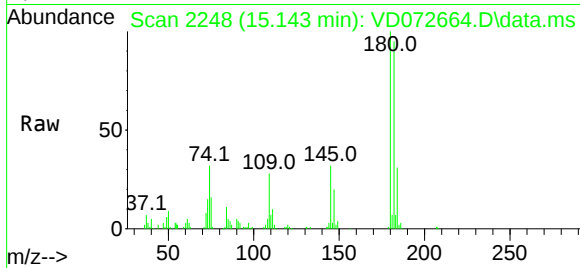




#93
 1,2,4-Trichlorobenzene
 Concen: 41.772 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

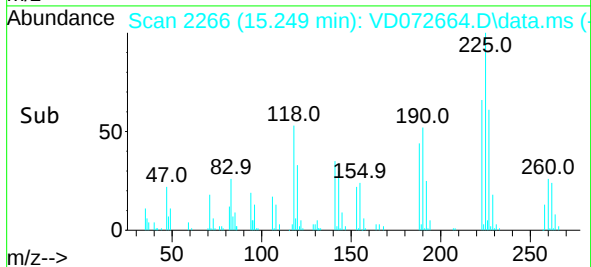
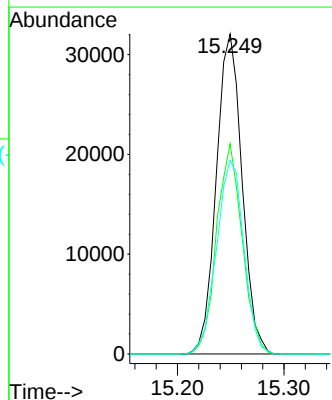
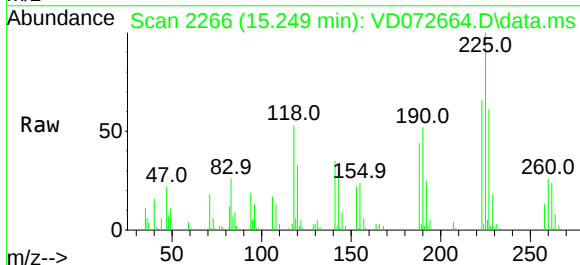
Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-0-2MS

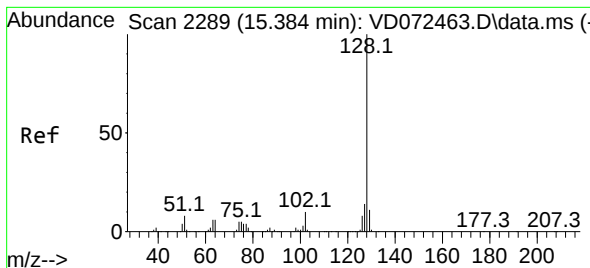
Tgt Ion:180 Resp: 126877
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 142.0
 145 32.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 31.566 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: VD072664.D
 Acq: 21 Apr 2022 12:03

Tgt Ion:225 Resp: 53705
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.1 93.2
 227 64.5 32.4 97.0





#95

Naphthalene

Concen: 51.742 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS

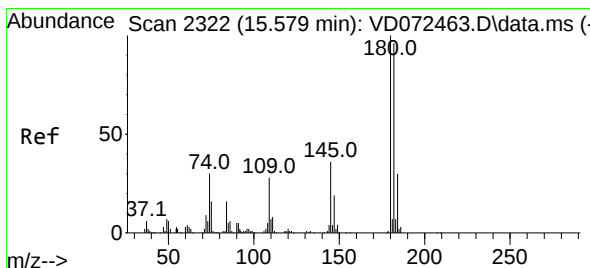
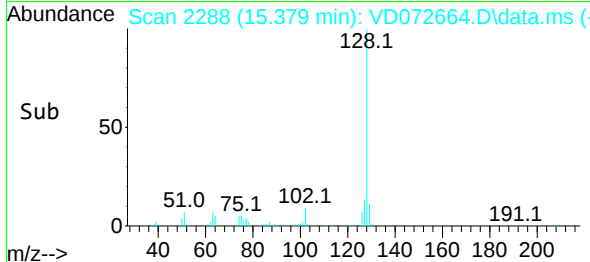
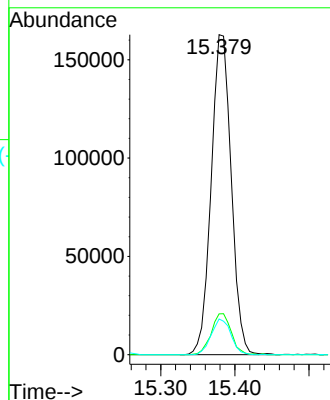
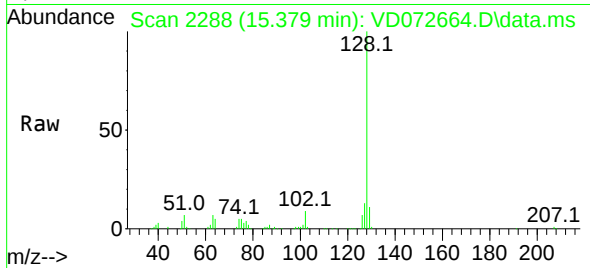
Tgt Ion:128 Resp: 305377

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.121 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD072664.D

Acq: 21 Apr 2022 12:03

Tgt Ion:180 Resp: 119615

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 36.0 17.1 51.3

