

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070707.D
 Acq On : 13 Oct 2021 19:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

anatel

10/19/2021 12:37:53 PM

Quant Time: Oct 14 04:06:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	320042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	563607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179300	47.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.908	113	185874	49.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.332	98	726821	50.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.620	95	260679	54.447	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	166080	42.547	ug/l	99
3) Chloromethane	2.209	50	221692	45.742	ug/l	100
4) Vinyl Chloride	2.344	62	246613	45.918	ug/l	96
5) Bromomethane	2.756	94	144881	43.994	ug/l	97
6) Chloroethane	2.915	64	136957	39.937	ug/l	98
7) Trichlorofluoromethane	3.267	101	319231	45.863	ug/l	95
8) Diethyl Ether	3.703	74	93578	51.673	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	186978	44.324	ug/l	98
10) Methyl Iodide	4.297	142	186333	43.313	ug/l	98
11) Tert butyl alcohol	5.220	59	44998	241.170	ug/l #	83
12) 1,1-Dichloroethene	4.062	96	175891	46.834	ug/l	94
13) Acrolein	3.920	56	44899	250.642	ug/l	99
14) Allyl chloride	4.714	41	238433	45.609	ug/l	99
15) Acrylonitrile	5.420	53	209852	267.095	ug/l	98
16) Acetone	4.156	43	150460	235.242	ug/l	94
17) Carbon Disulfide	4.409	76	579443	42.259	ug/l	99
18) Methyl Acetate	4.714	43	125755	50.952	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	417554	55.810	ug/l	100
20) Methylene Chloride	4.956	84	237866	50.471	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	215068	48.686	ug/l	95
22) Diisopropyl ether	6.361	45	548338	51.056	ug/l #	96
23) Vinyl Acetate	6.303	43	1239811	253.911	ug/l	95
24) 1,1-Dichloroethane	6.261	63	363270	45.924	ug/l	99
25) 2-Butanone	7.208	43	216009	257.947	ug/l	94
26) 2,2-Dichloropropane	7.208	77	283516	43.309	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	235501	50.732	ug/l	96
28) Bromochloromethane	7.544	49	126564	45.954	ug/l	90
29) Tetrahydrofuran	7.561	42	145270	269.138	ug/l	96
30) Chloroform	7.702	83	393975	47.879	ug/l	100
31) Cyclohexane	7.979	56	297805	42.701	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	333687	47.080	ug/l	98
36) 1,1-Dichloropropene	8.108	75	287591	48.045	ug/l	99
37) Ethyl Acetate	7.285	43	103215	51.902	ug/l	96
38) Carbon Tetrachloride	8.091	117	297778	47.536	ug/l	99
39) Methylcyclohexane	9.349	83	336112	48.830	ug/l	98
40) Benzene	8.344	78	857350	48.596	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070707.D
 Acq On : 13 Oct 2021 19:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

anatel

10/19/2021 12:37:53 PM

Quant Time: Oct 14 04:06:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	63091	61.516	ug/l	89
42) 1,2-Dichloroethane	8.420	62	224593	49.224	ug/l	99
43) Isopropyl Acetate	8.450	43	190368	52.242	ug/l	96
44) Trichloroethene	9.108	130	212699	48.891	ug/l	98
45) 1,2-Dichloropropane	9.379	63	219751	48.807	ug/l	96
46) Dibromomethane	9.473	93	117974	51.051	ug/l	97
47) Bromodichloromethane	9.655	83	295128	49.489	ug/l	98
48) Methyl methacrylate	9.449	41	90435	52.942	ug/l	93
49) 1,4-Dioxane	9.455	88	27785	1183.247	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	527077	280.359	ug/l	97
52) Toluene	10.396	92	565751	52.198	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	251458	48.178	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	285763	45.475	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	163205	51.841	ug/l	95
56) Ethyl methacrylate	10.655	69	198053	52.600	ug/l	95
57) 1,3-Dichloropropane	10.938	76	275331	51.411	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	412202	271.756	ug/l	97
59) 2-Hexanone	10.979	43	359646	264.127	ug/l	97
60) Dibromochloromethane	11.132	129	199265	52.541	ug/l	98
61) 1,2-Dibromoethane	11.238	107	154546	52.722	ug/l	98
64) Tetrachloroethene	10.867	164	177462	50.320	ug/l	96
65) Chlorobenzene	11.661	112	572069	48.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	216656	49.659	ug/l	99
67) Ethyl Benzene	11.738	91	1058899	52.323	ug/l	97
68) m/p-Xylenes	11.843	106	836081	104.903	ug/l	98
69) o-Xylene	12.173	106	385305	54.354	ug/l	100
70) Styrene	12.185	104	683775	54.748	ug/l	99
71) Bromoform	12.349	173	112103	54.731	ug/l #	98
73) Isopropylbenzene	12.467	105	996430	50.861	ug/l	98
74) N-amyl acetate	12.279	43	190078	51.485	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	186491	48.690	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	140265m	57.670	ug/l	
77) Bromobenzene	12.749	156	221099	50.482	ug/l	96
78) n-propylbenzene	12.808	91	1238640	49.961	ug/l	98
79) 2-Chlorotoluene	12.896	91	724682	49.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	885931	53.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	45318	41.368	ug/l	95
82) 4-Chlorotoluene	12.996	91	768874	50.571	ug/l	99
83) tert-Butylbenzene	13.214	119	723498	52.394	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	872599	52.490	ug/l	98
85) sec-Butylbenzene	13.390	105	1121790	52.405	ug/l	98
86) p-Isopropyltoluene	13.502	119	928985	53.132	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	463003	50.342	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	453015	49.682	ug/l	99
89) n-Butylbenzene	13.832	91	846311	50.704	ug/l	99
90) Hexachloroethane	14.096	117	178948	47.338	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	395971	50.490	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28470	51.483	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	235029	55.668	ug/l	100
94) Hexachlorobutadiene	15.249	225	138631	51.962	ug/l	99
95) Naphthalene	15.384	128	453186	53.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	205531	55.267	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
Data File : VD070707.D
Acq On : 13 Oct 2021 19:40
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 14 04:06:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070707.D
 Acq On : 13 Oct 2021 19:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

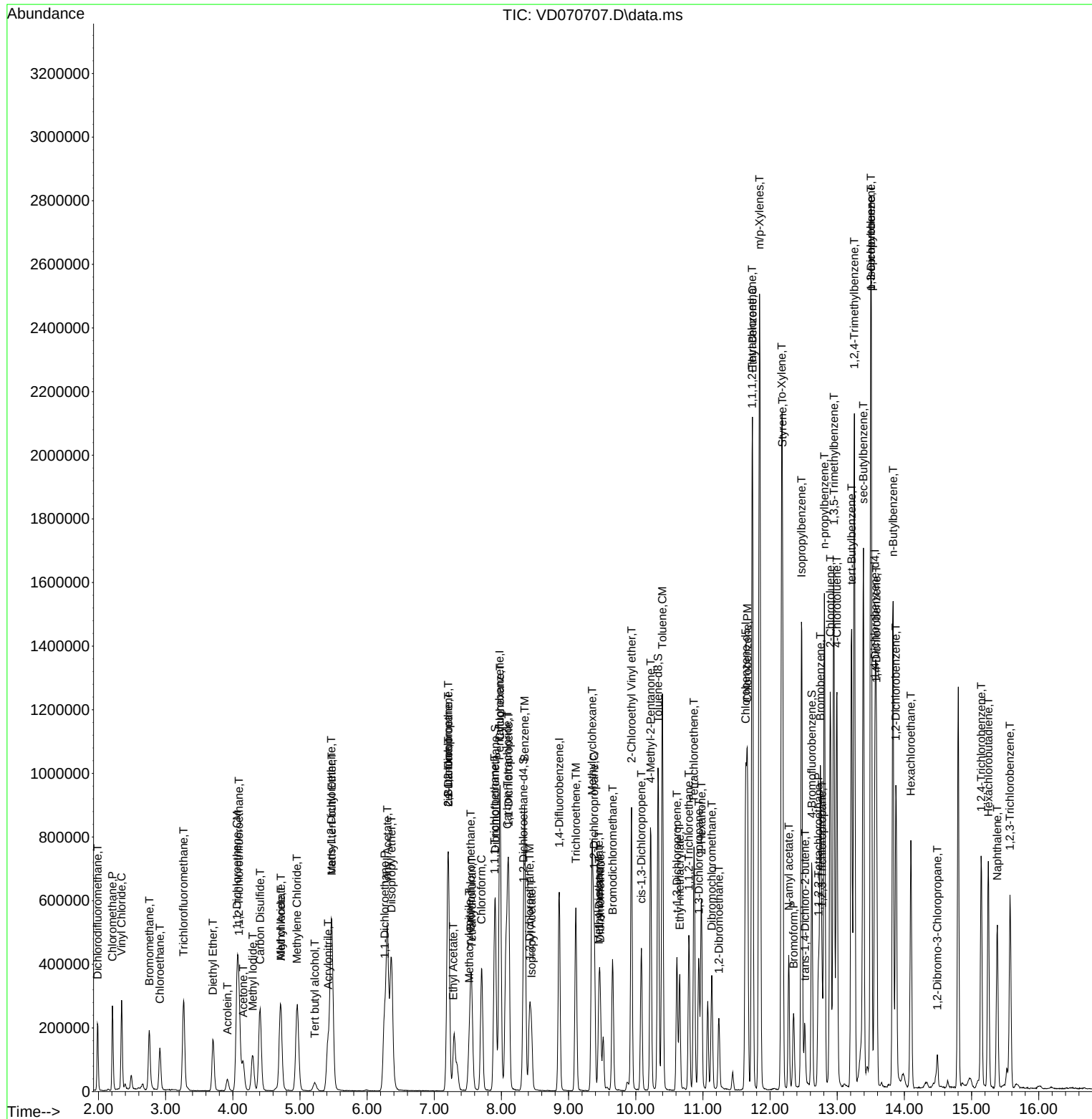
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

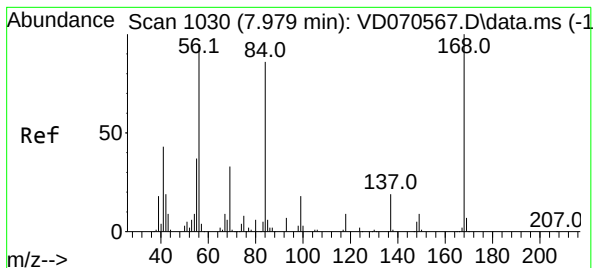
Manual Integrations
 APPROVED

anatel

10/19/2021 12:37:53 PM

Quant Time: Oct 14 04:06:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

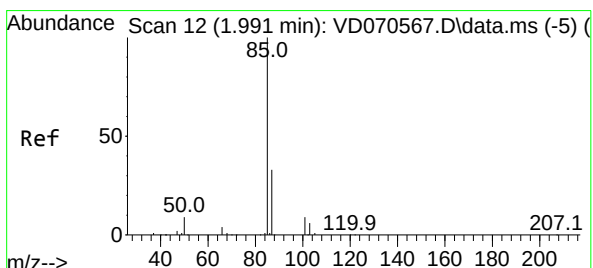
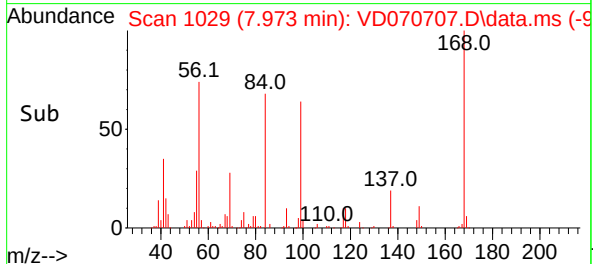
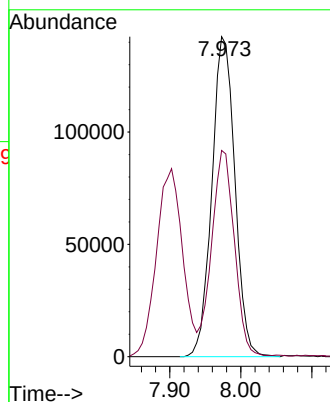
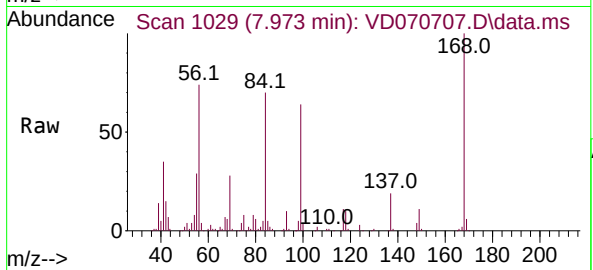
Tgt Ion: 168 Resp: 320042
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

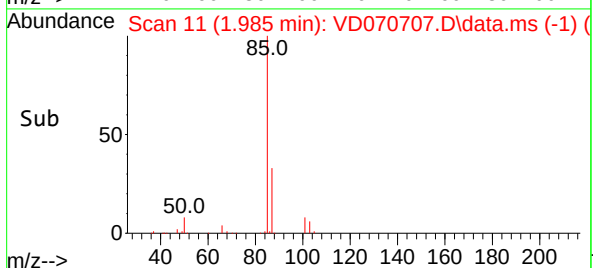
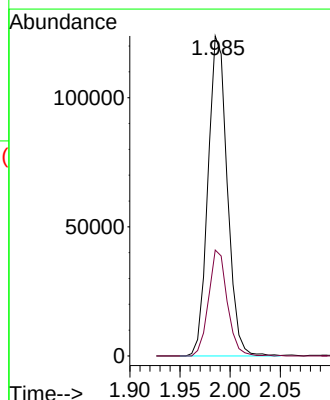
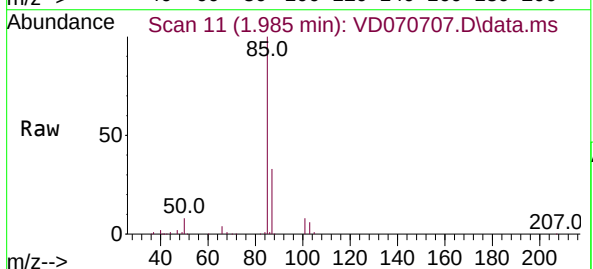
anatel

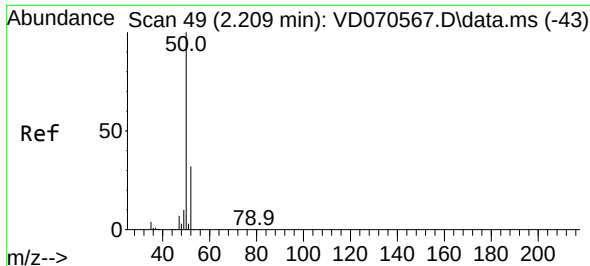
10/19/2021 12:37:53 PM



#2
Dichlorodifluoromethane
Concen: 42.547 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

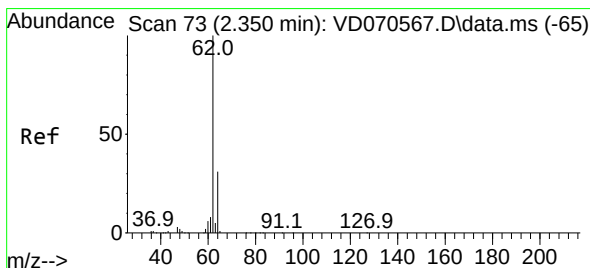
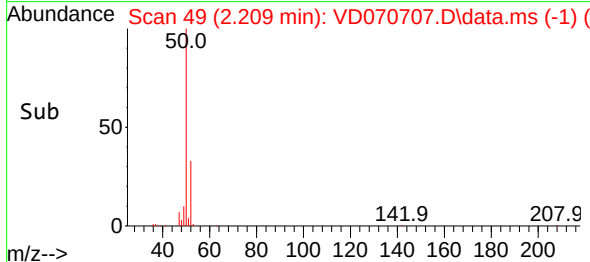
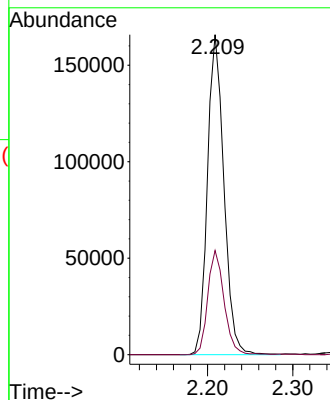
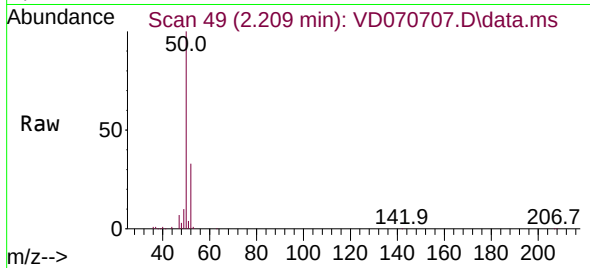
Tgt Ion: 85 Resp: 166080
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.2





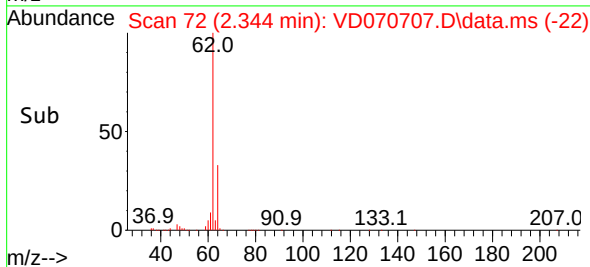
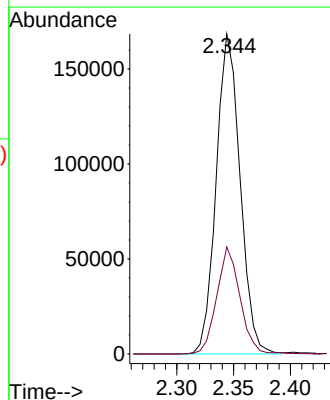
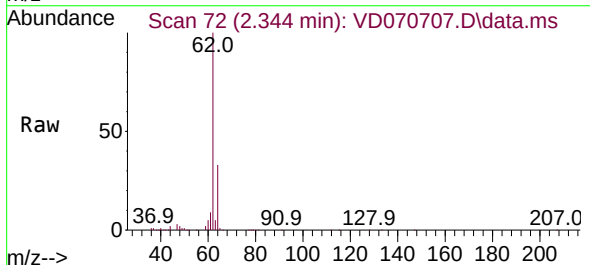
#3
Chloromethane
Concen: 45.742 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 50 Resp: 221692
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 45.918 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 62 Resp: 246613
Ion Ratio Lower Upper
62 100
64 33.4 24.9 37.3

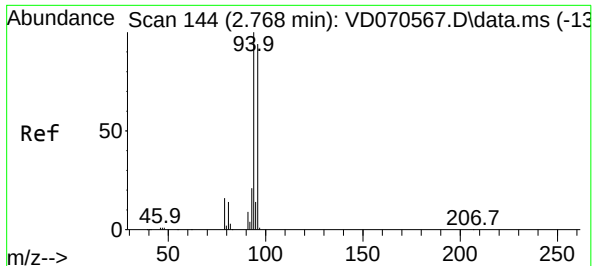


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#5
Bromomethane
Concen: 43.994 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

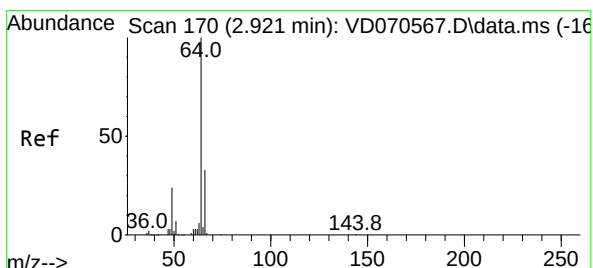
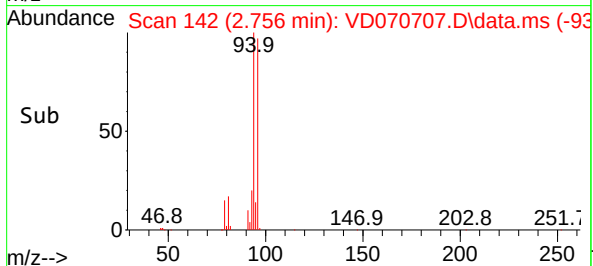
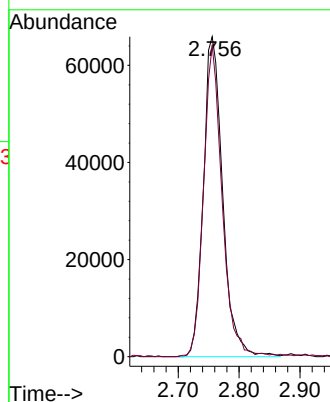
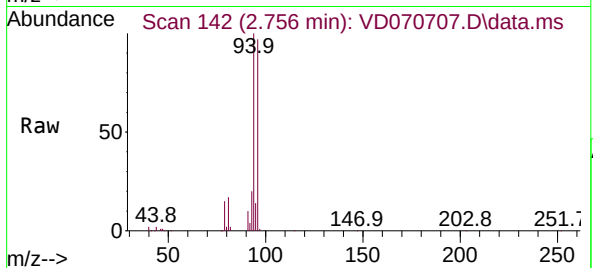
Tgt Ion: 94 Resp: 144881
Ion Ratio Lower Upper
94 100
96 97.0 75.5 113.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

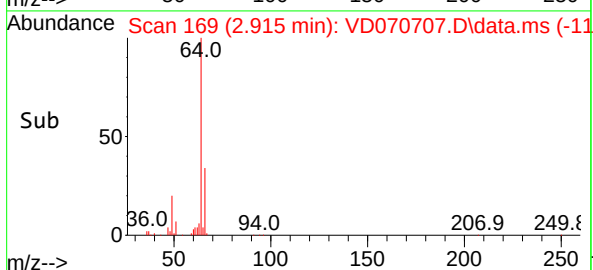
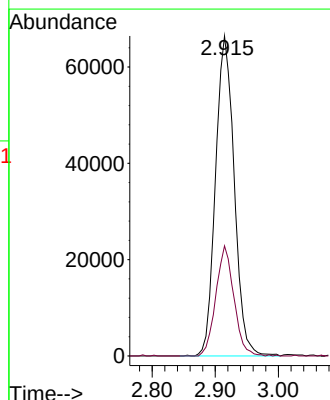
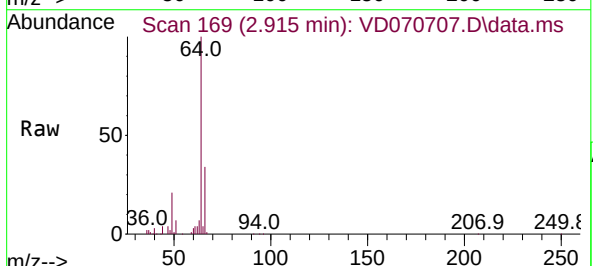
anatel

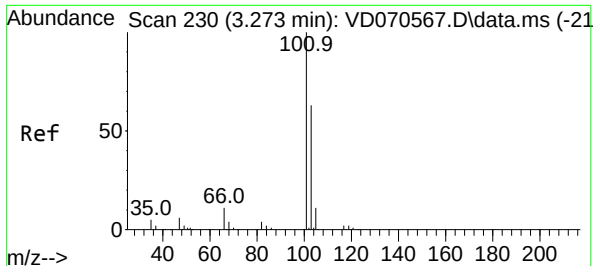
10/19/2021 12:37:53 PM



#6
Chloroethane
Concen: 39.937 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

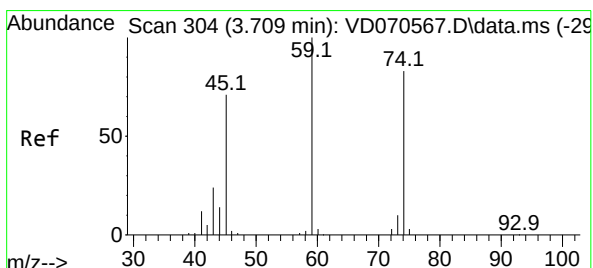
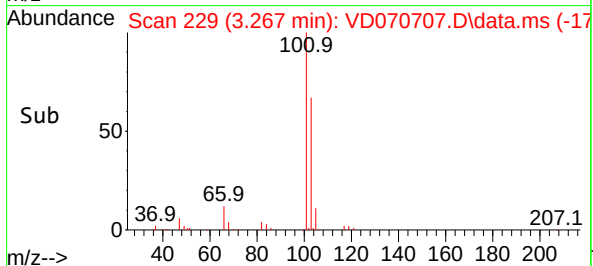
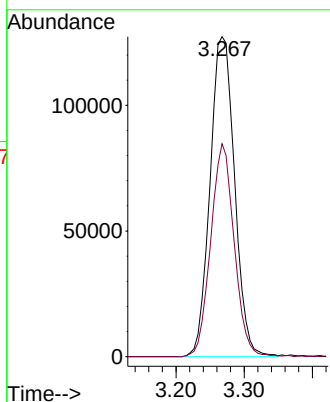
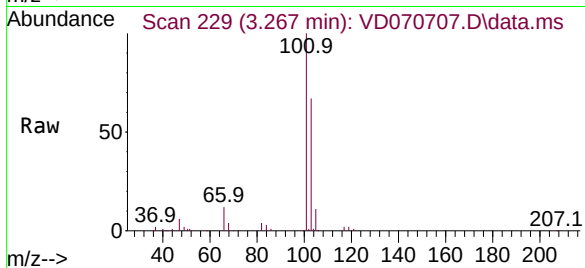
Tgt Ion: 64 Resp: 136957
Ion Ratio Lower Upper
64 100
66 34.4 26.6 40.0





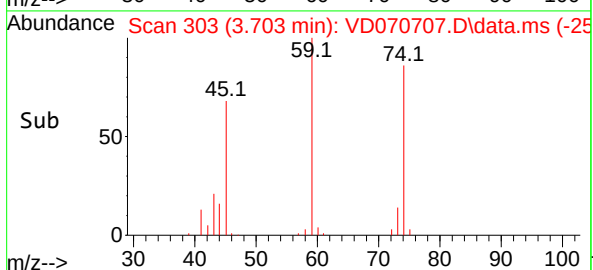
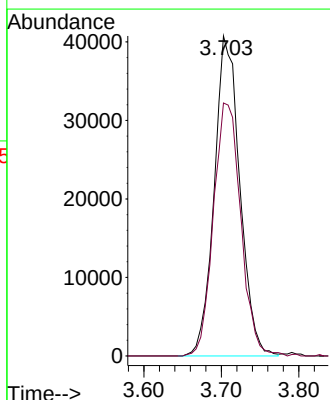
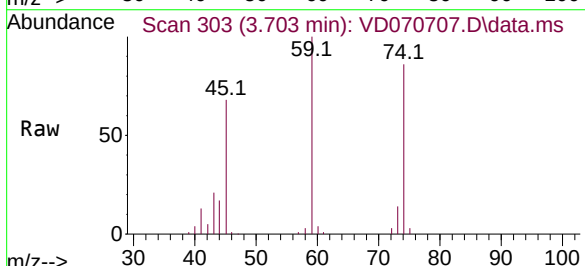
#7
Trichlorofluoromethane
Concen: 45.863 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:101 Resp: 319231
Ion Ratio Lower Upper
101 100
103 66.5 50.1 75.1



#8
Diethyl Ether
Concen: 51.673 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 74 Resp: 93578
Ion Ratio Lower Upper
74 100
45 84.4 45.1 135.5

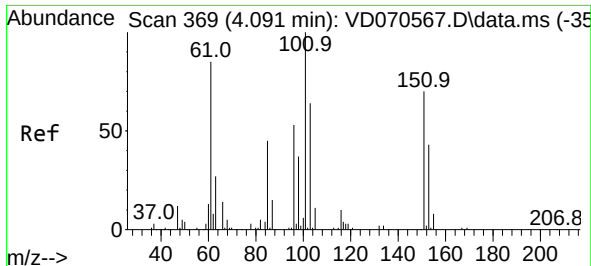


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.324 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

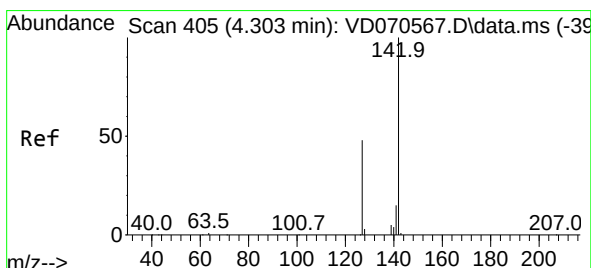
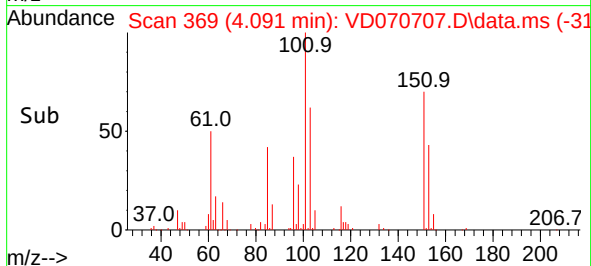
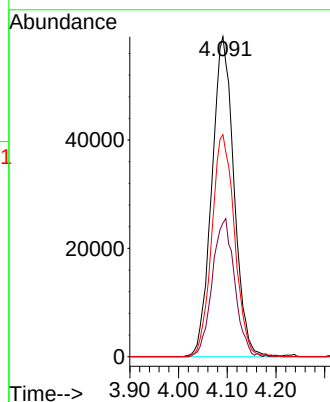
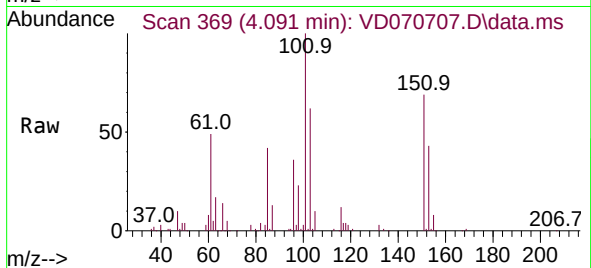
Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.5	53.3
151	71.3	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

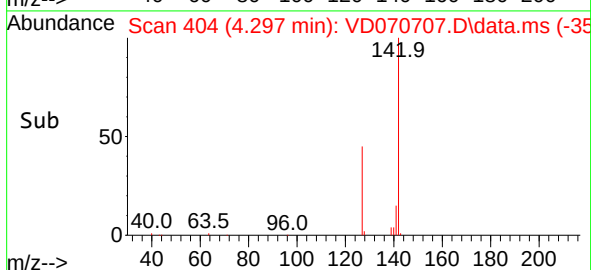
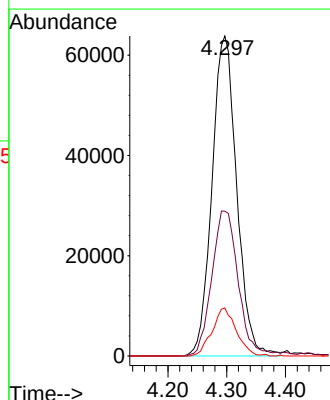
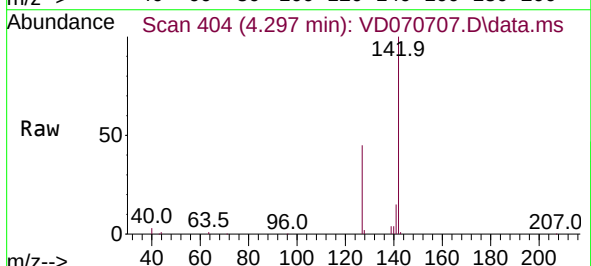
anatel

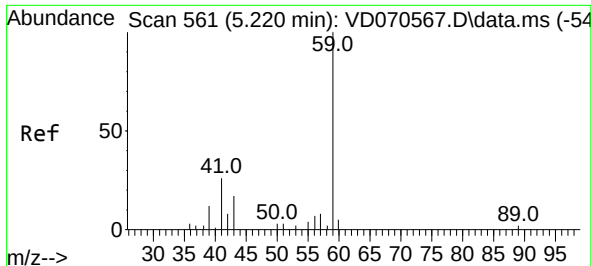
10/19/2021 12:37:53 PM



#10
Methyl Iodide
Concen: 43.313 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

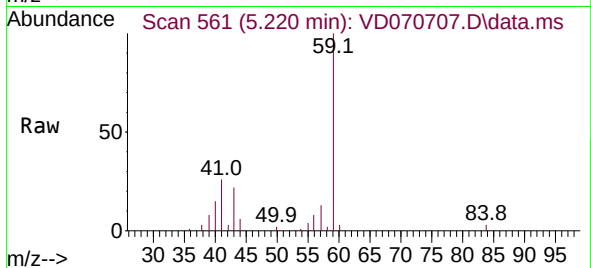
Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.2	37.5	56.3
141	14.7	12.1	18.1



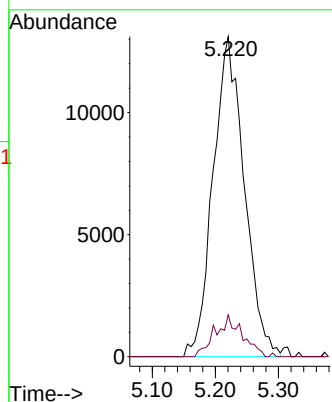
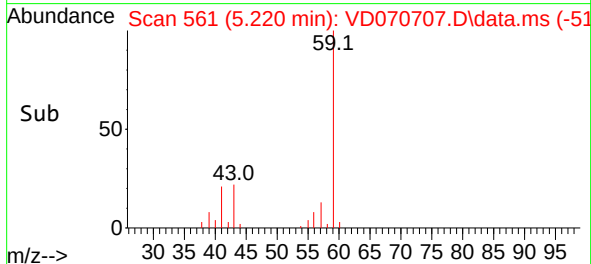


#11
Tert butyl alcohol
Concen: 241.170 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



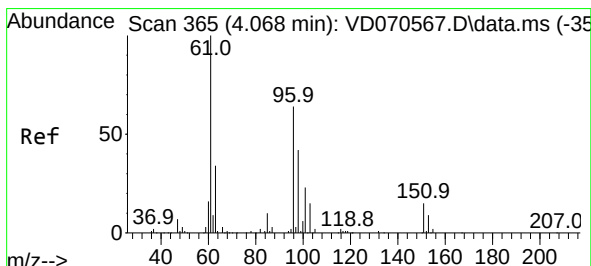
Tgt Ion: 59 Resp: 44998
Ion Ratio Lower Upper
59 100
57 11.2 4.5 6.7#



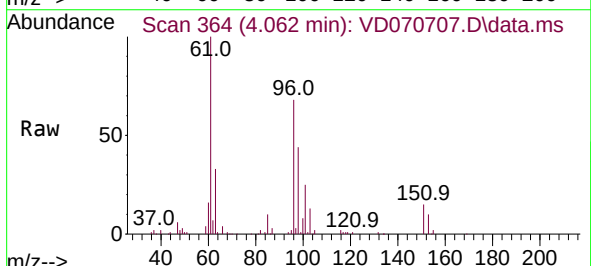
Manual Integrations
APPROVED

anatel

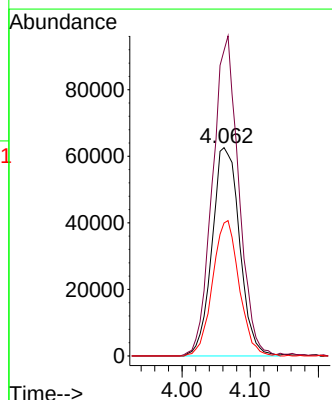
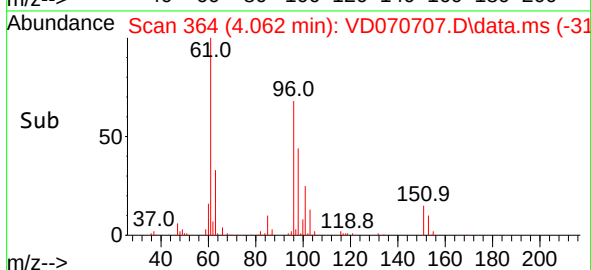
10/19/2021 12:37:53 PM

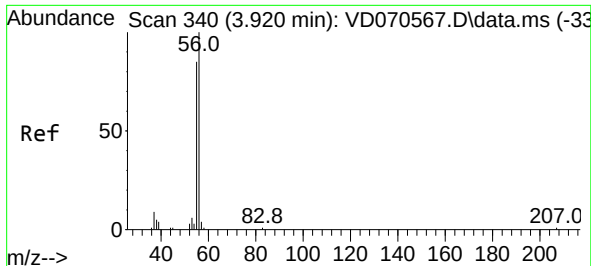


#12
1,1-Dichloroethene
Concen: 46.834 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



Tgt Ion: 96 Resp: 175891
Ion Ratio Lower Upper
96 100
61 146.6 125.9 188.9
98 63.8 52.3 78.5





#13
Acrolein
Concen: 250.642 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

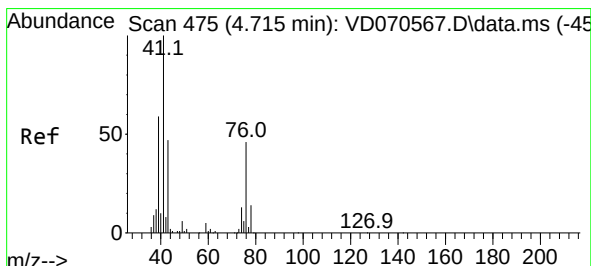
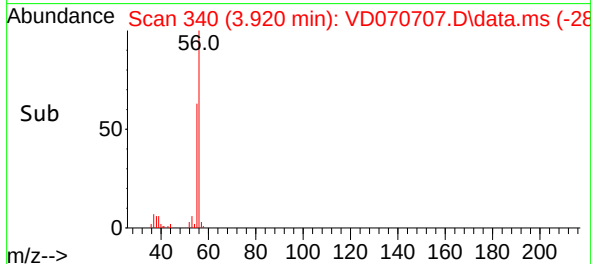
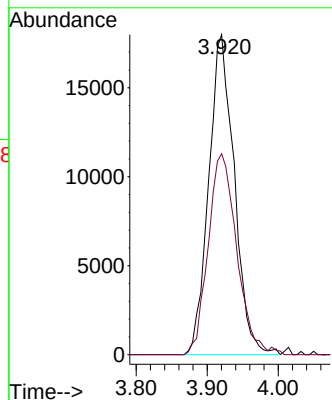
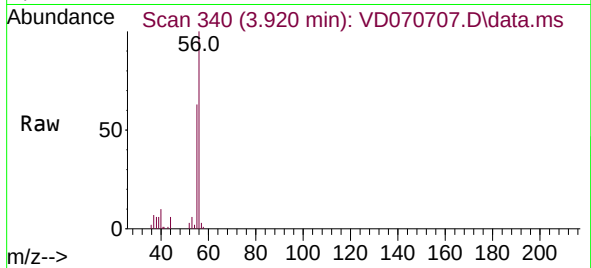
Tgt Ion: 56 Resp: 44899
Ion Ratio Lower Upper
56 100
55 70.4 56.8 85.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

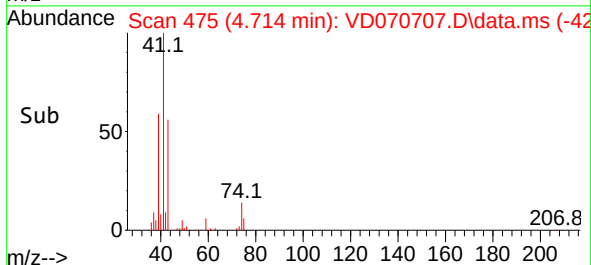
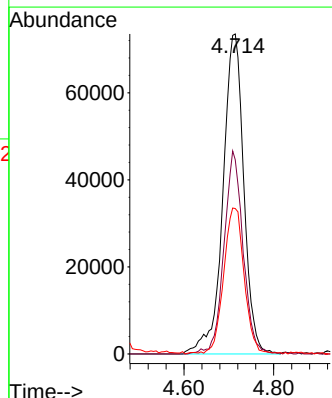
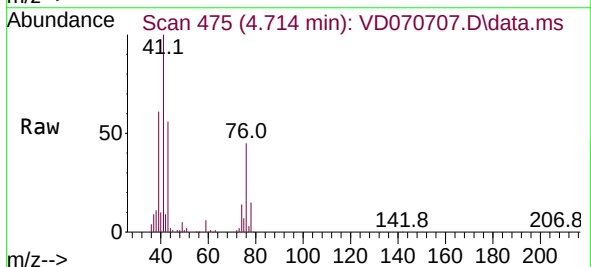
anatel

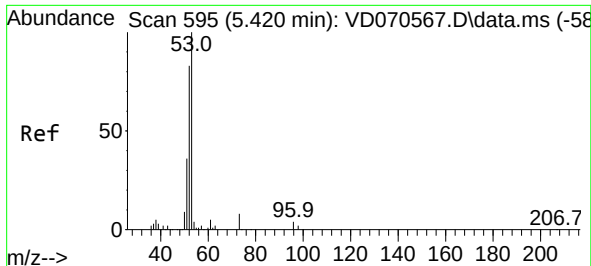
10/19/2021 12:37:53 PM



#14
Allyl chloride
Concen: 45.609 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

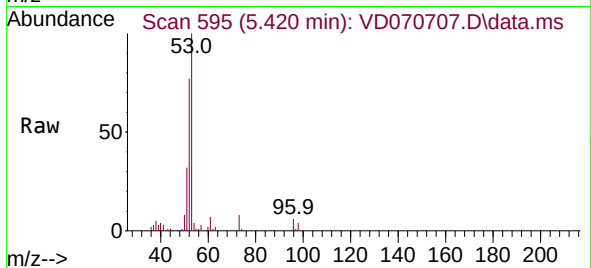
Tgt Ion: 41 Resp: 238433
Ion Ratio Lower Upper
41 100
39 58.0 46.4 69.6
76 44.2 34.6 51.8





#15
Acrylonitrile
Concen: 267.095 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

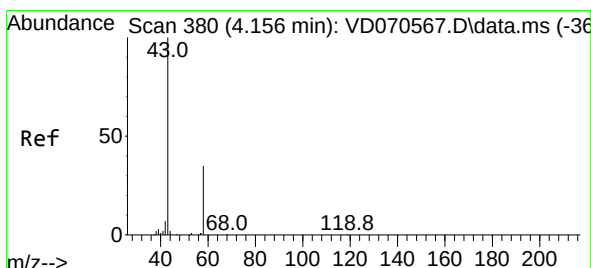
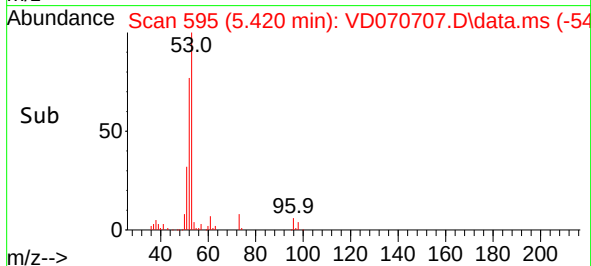
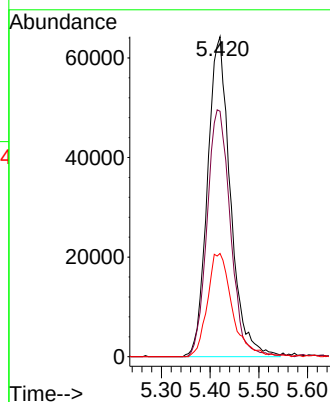


Tgt Ion: 53 Resp: 209852
Ion Ratio Lower Upper
53 100
52 78.5 64.6 97.0
51 35.1 28.7 43.1

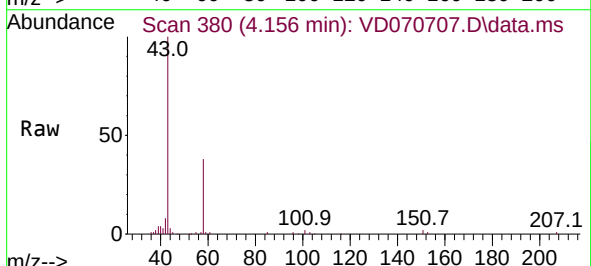
Manual Integrations
APPROVED

anatel

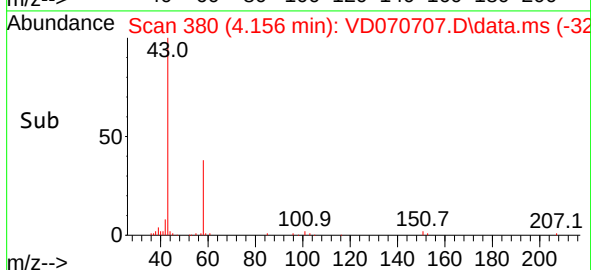
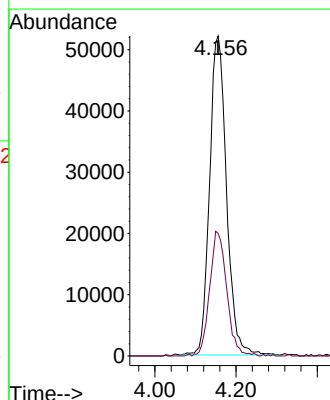
10/19/2021 12:37:53 PM

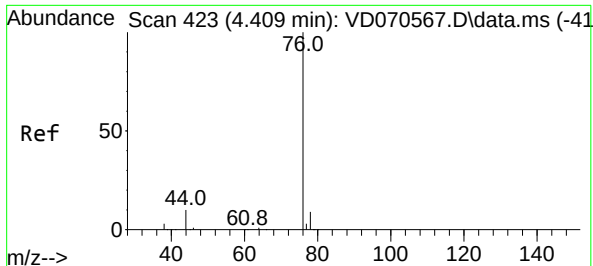


#16
Acetone
Concen: 235.242 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



Tgt Ion: 43 Resp: 150460
Ion Ratio Lower Upper
43 100
58 38.4 28.2 42.2





#17
Carbon Disulfide
Concen: 42.259 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

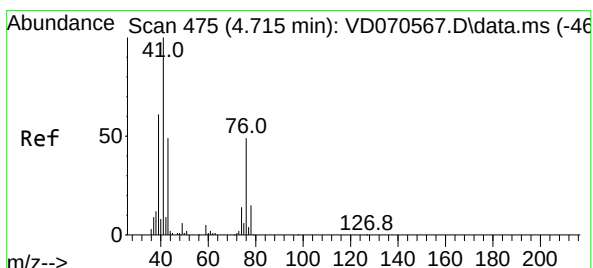
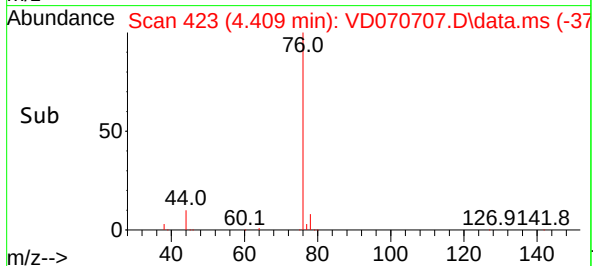
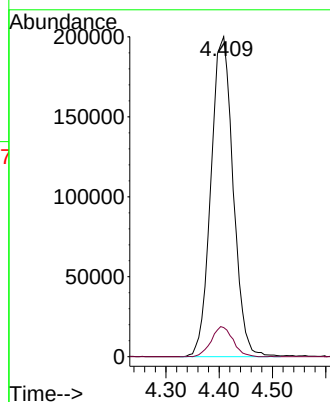
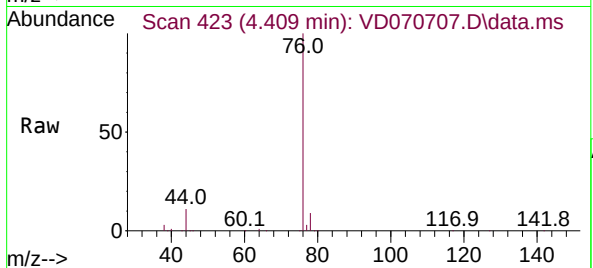
Tgt Ion: 76 Resp: 579443
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

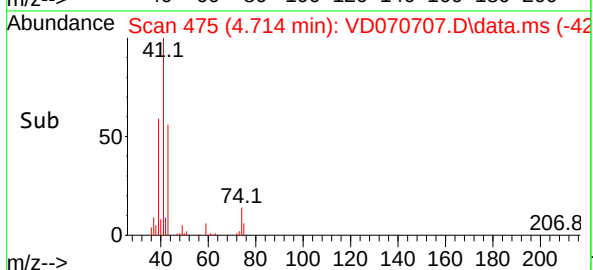
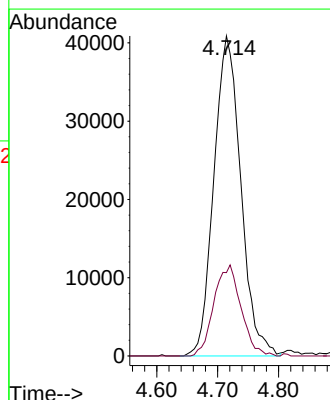
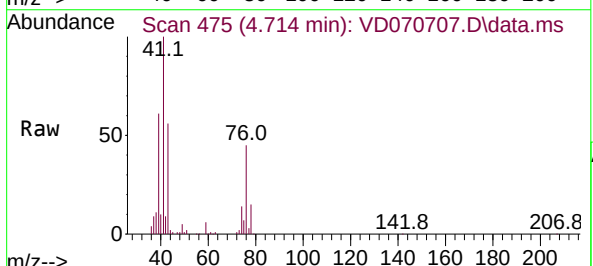
anatel

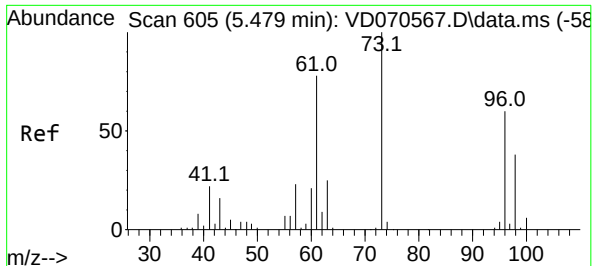
10/19/2021 12:37:53 PM



#18
Methyl Acetate
Concen: 50.952 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 43 Resp: 125755
Ion Ratio Lower Upper
43 100
74 28.6 22.6 33.8





#19
Methyl tert-butyl Ether
Concen: 55.810 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

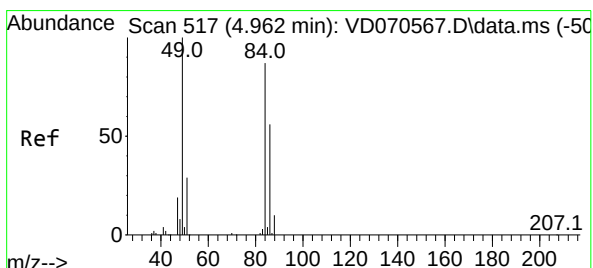
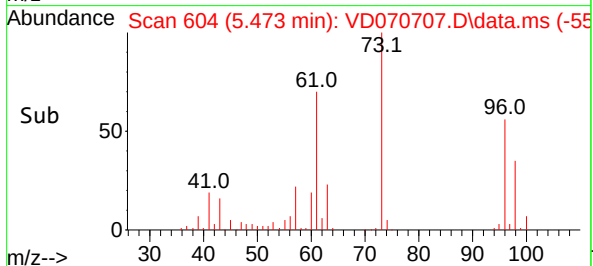
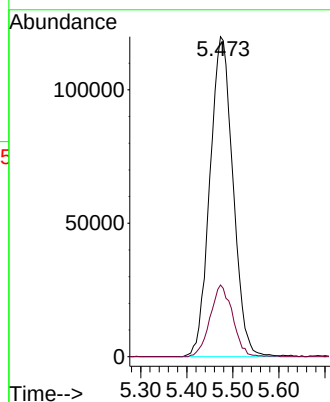
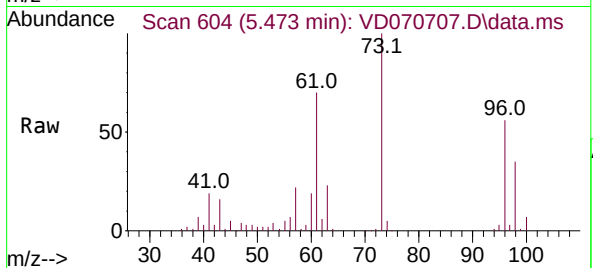
Tgt Ion: 73 Resp: 417554
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

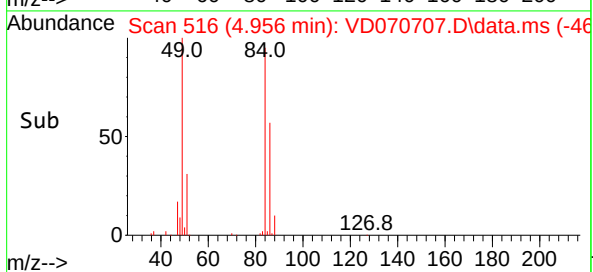
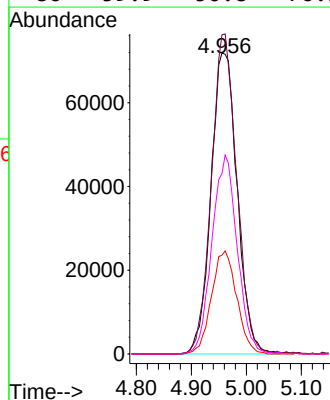
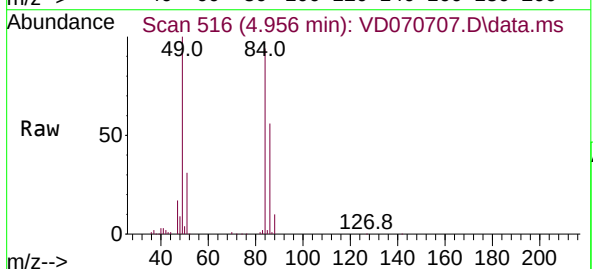
anatel

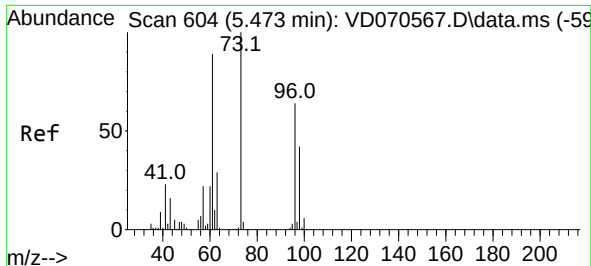
10/19/2021 12:37:53 PM



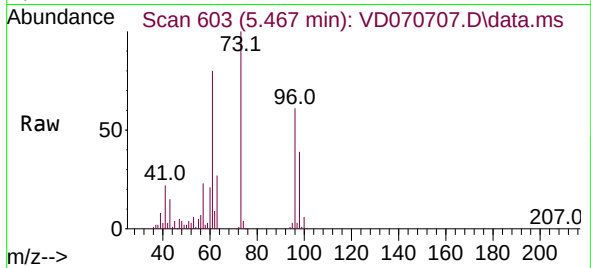
#20
Methylene Chloride
Concen: 50.471 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 84 Resp: 237866
Ion Ratio Lower Upper
84 100
49 106.1 91.4 137.2
51 32.8 26.7 40.1
86 59.9 50.8 76.2



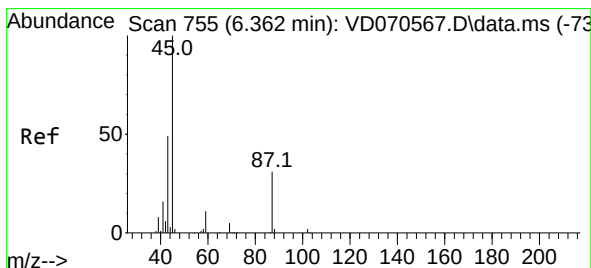
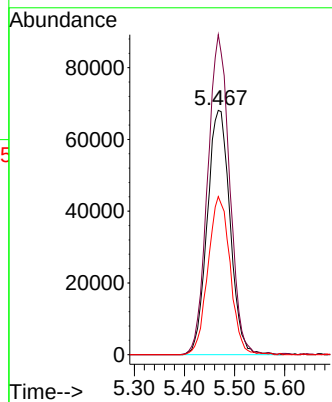
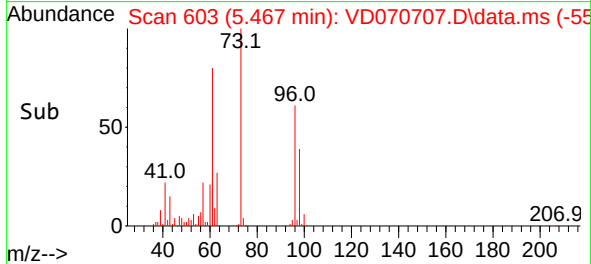


#21
trans-1,2-Dichloroethene
Concen: 48.686 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

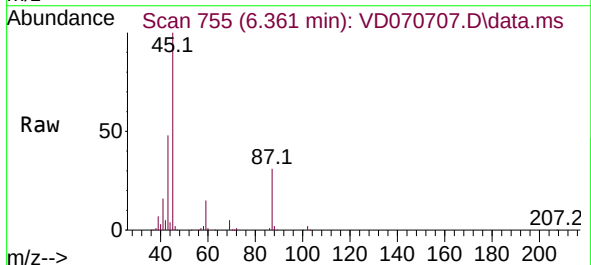


Tgt Ion: 96 Resp: 215068

Ion	Ratio	Lower	Upper
96	100		
61	130.9	111.1	166.7
98	64.7	51.9	77.9

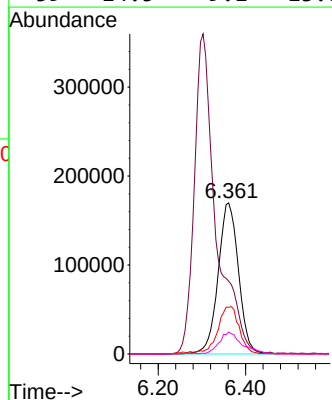
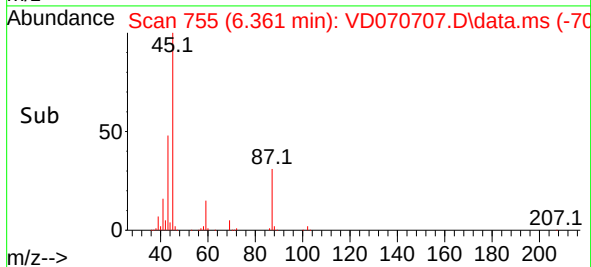


#22
Diisopropyl ether
Concen: 51.056 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



Tgt Ion: 45 Resp: 548338

Ion	Ratio	Lower	Upper
45	100		
43	47.6	40.6	61.0
87	30.8	24.6	37.0
59	14.5	9.1	13.7

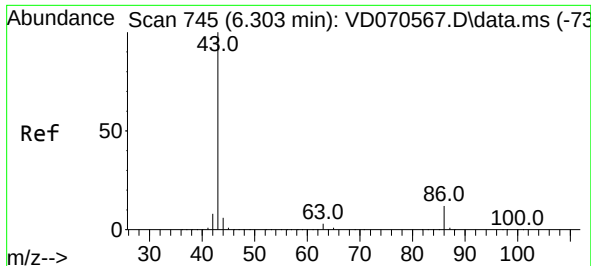


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#23
 Vinyl Acetate
 Concen: 253.911 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070707.D
 Acq: 13 Oct 2021 19:40

Tgt Ion: 43 Resp: 1239811

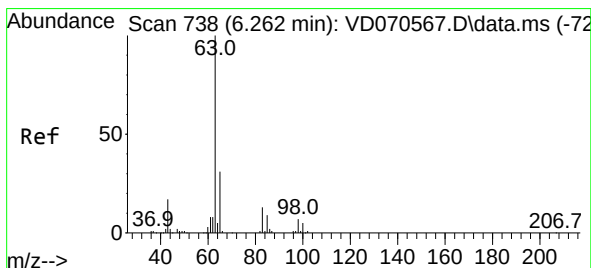
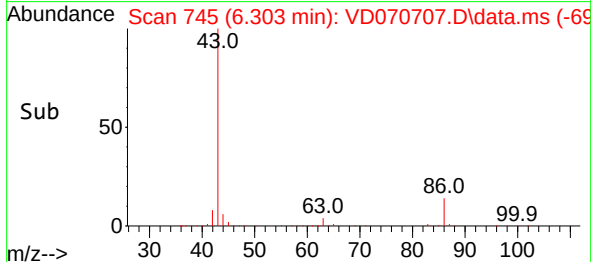
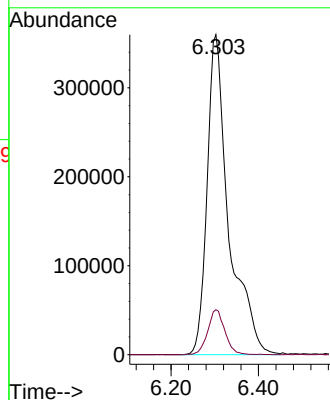
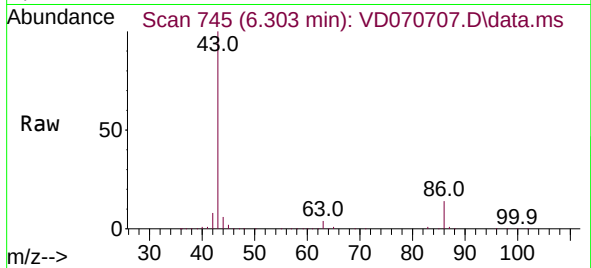
Ion	Ratio	Lower	Upper
43	100		
86	14.0	9.8	14.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

anatel

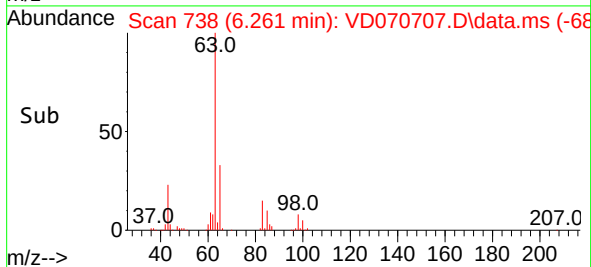
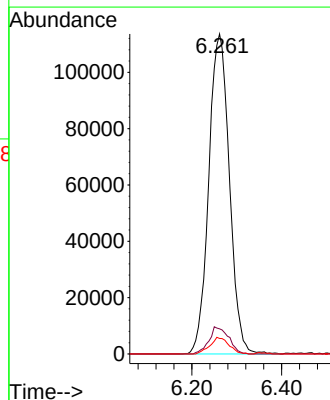
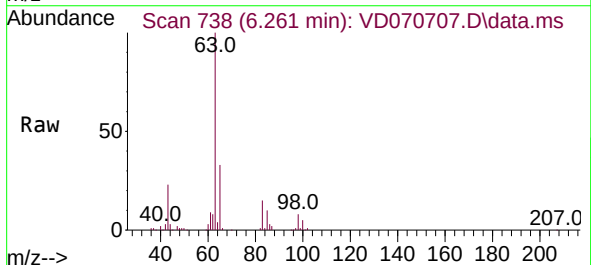
10/19/2021 12:37:53 PM

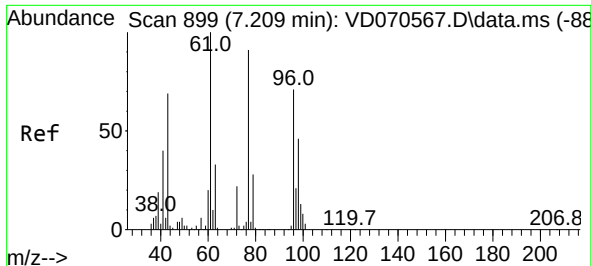


#24
 1,1-Dichloroethane
 Concen: 45.924 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070707.D
 Acq: 13 Oct 2021 19:40

Tgt Ion: 63 Resp: 363270

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.6	10.9
100	4.8	2.4	7.2





#25
2-Butanone
Concen: 257.947 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

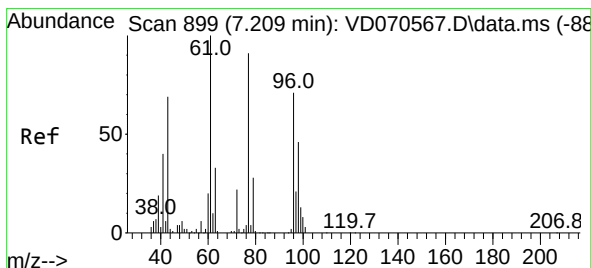
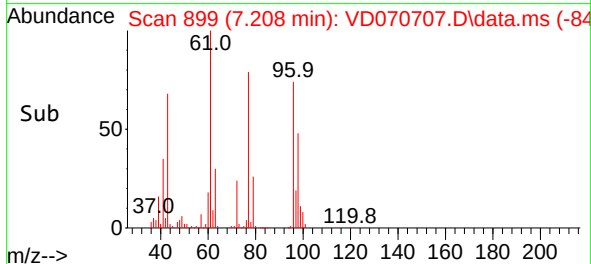
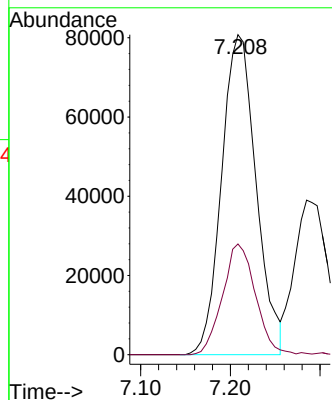
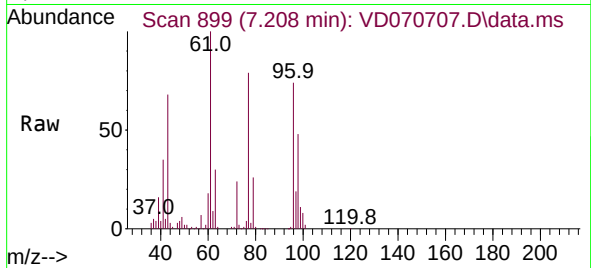
Tgt Ion: 43 Resp: 216009
Ion Ratio Lower Upper
43 100
72 34.6 25.2 37.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

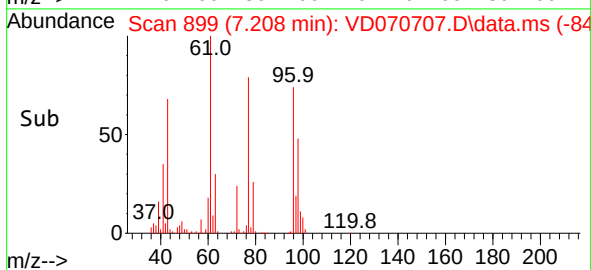
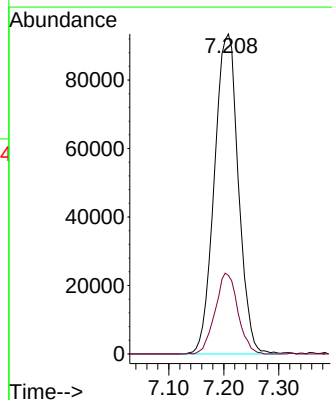
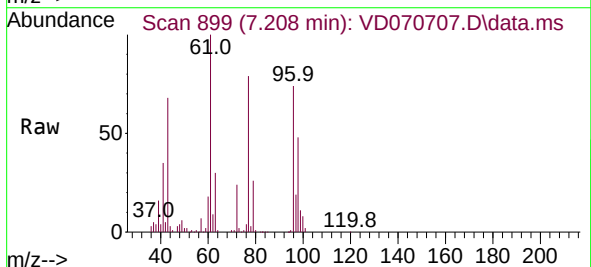
anatel

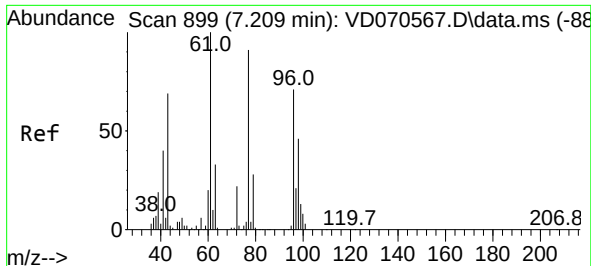
10/19/2021 12:37:53 PM



#26
2,2-Dichloropropane
Concen: 43.309 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

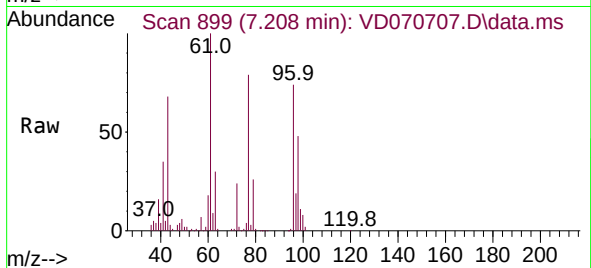
Tgt Ion: 77 Resp: 283516
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 50.732 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD070707.D
 Acq: 13 Oct 2021 19:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

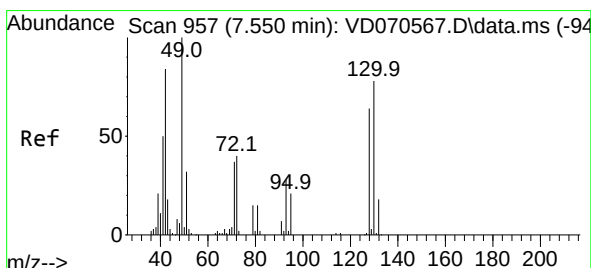
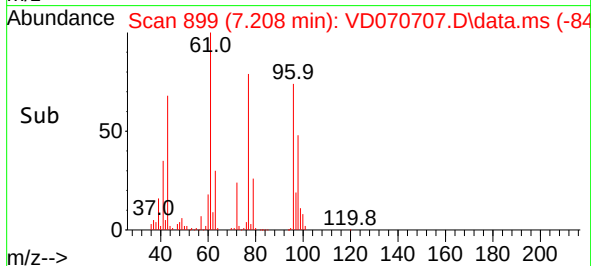
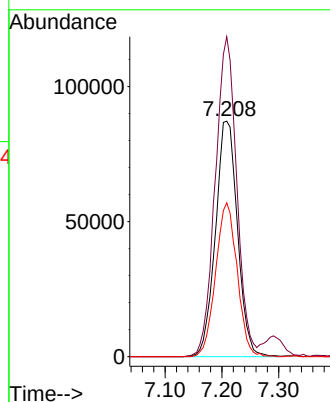


Tgt Ion:	96	Resp:	235501
Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	278.2
98	63.6	0.0	128.6

Manual Integrations
 APPROVED

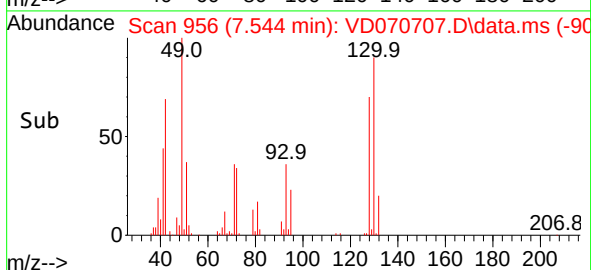
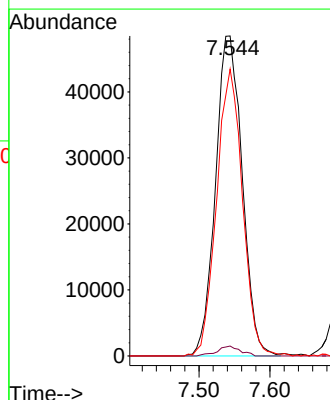
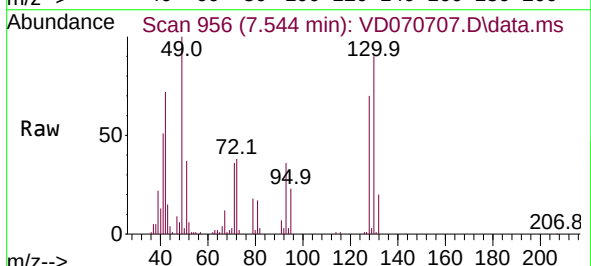
anatel

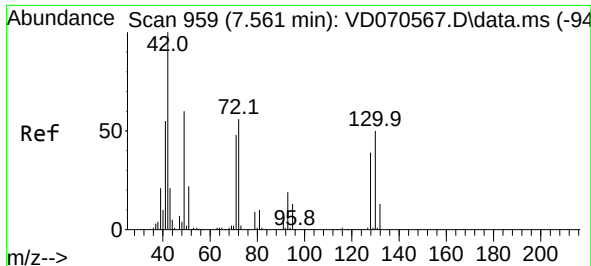
10/19/2021 12:37:53 PM



#28
 Bromochloromethane
 Concen: 45.954 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.006 min
 Lab File: VD070707.D
 Acq: 13 Oct 2021 19:40

Tgt Ion:	49	Resp:	126564
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	86.9	62.4	93.6





#29

Tetrahydrofuran

Concen: 269.138 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD070707.D

Acq: 13 Oct 2021 19:40

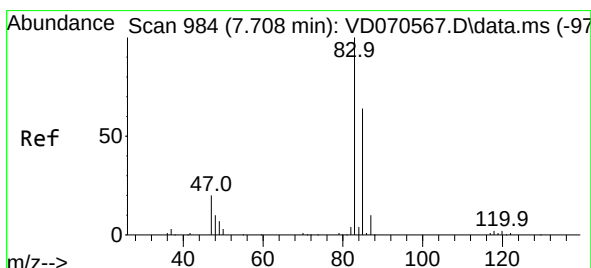
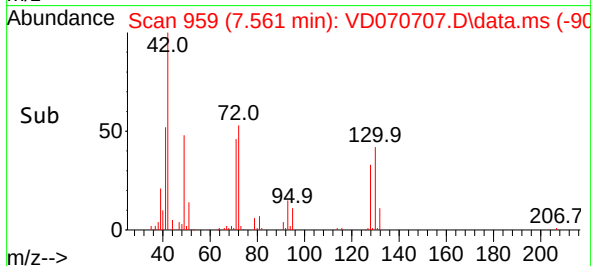
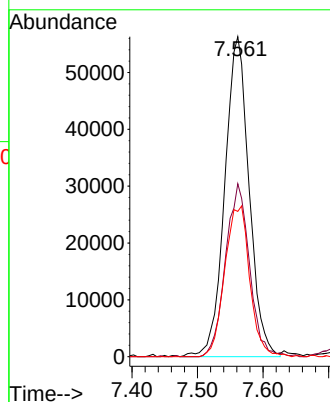
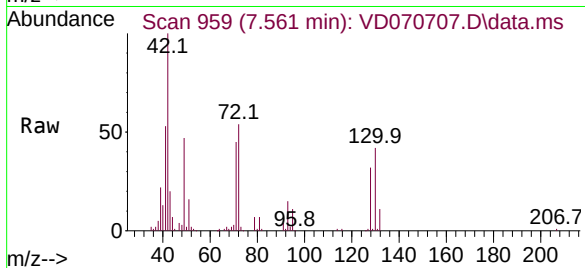
Tgt Ion:	42	Resp:	145270
Ion	Ratio	Lower	Upper
42	100		
72	53.3	40.2	60.4
71	48.4	37.2	55.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#30

Chloroform

Concen: 47.879 ug/l

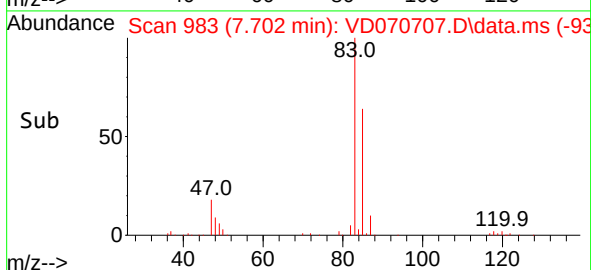
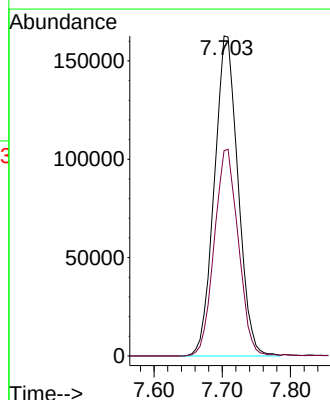
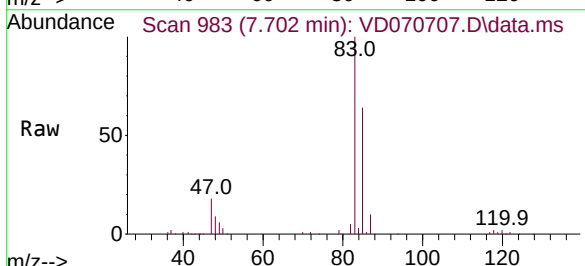
RT: 7.702 min Scan# 983

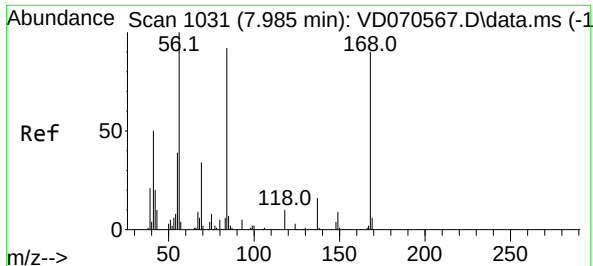
Delta R.T. -0.006 min

Lab File: VD070707.D

Acq: 13 Oct 2021 19:40

Tgt Ion:	83	Resp:	393975
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.2	76.8





#31
Cyclohexane
Concen: 42.701 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

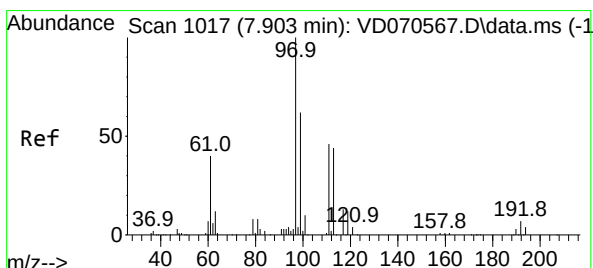
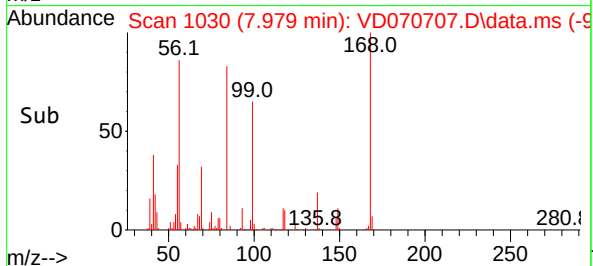
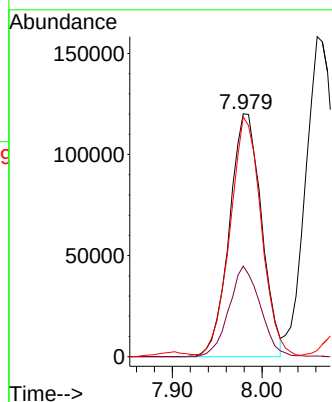
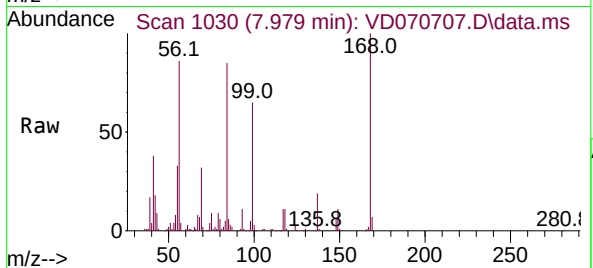
Tgt Ion: 56 Resp: 297805
Ion Ratio Lower Upper
56 100
69 37.3 27.4 41.2
84 97.3 73.6 110.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

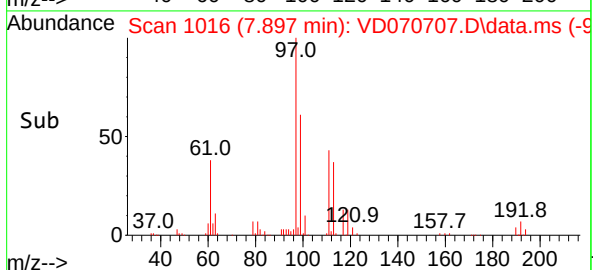
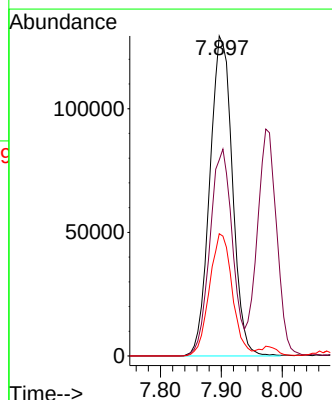
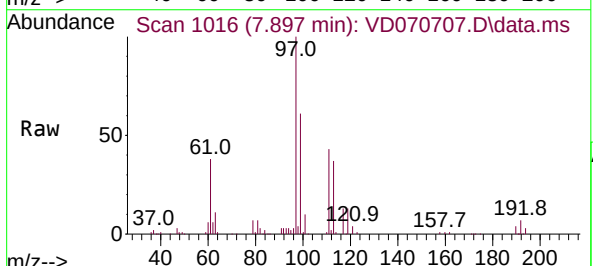
anatel

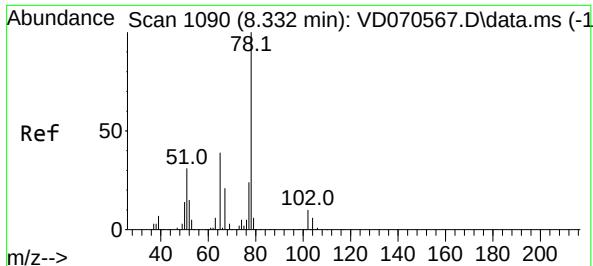
10/19/2021 12:37:53 PM



#32
1,1,1-Trichloroethane
Concen: 47.080 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 97 Resp: 333687
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 38.8 32.5 48.7





#33
1,2-Dichloroethane-d4
Concen: 47.604 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

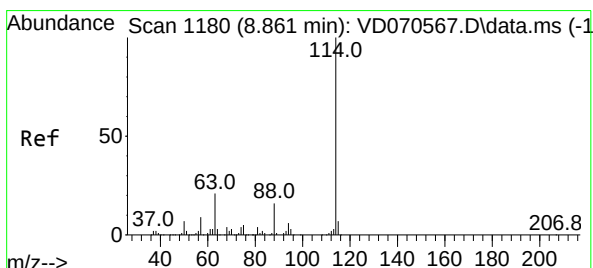
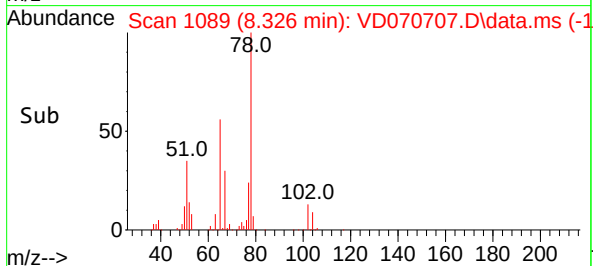
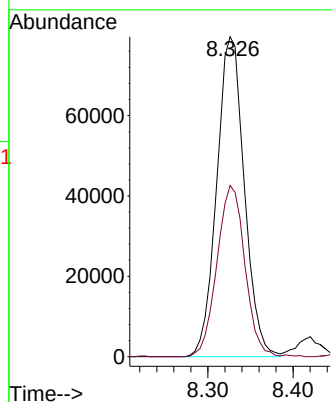
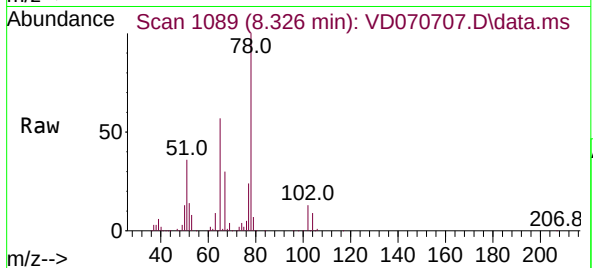
Tgt Ion: 65 Resp: 179300
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

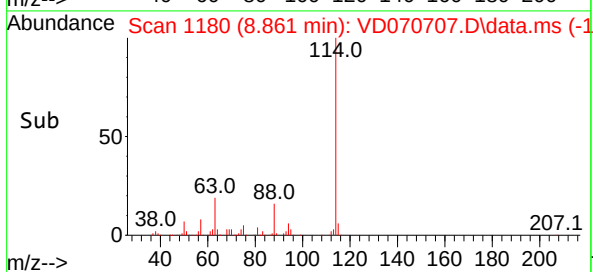
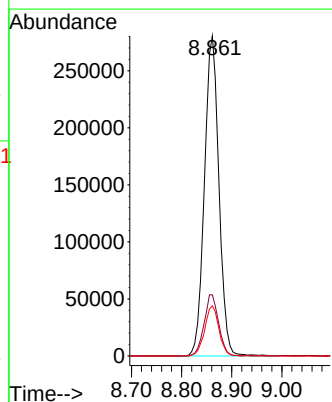
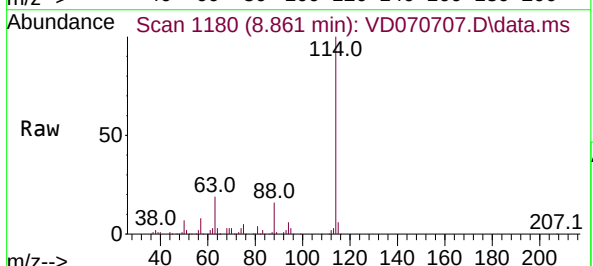
anatel

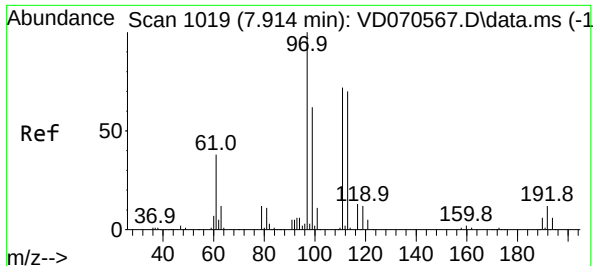
10/19/2021 12:37:53 PM



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 114 Resp: 563607
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.8
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.604 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

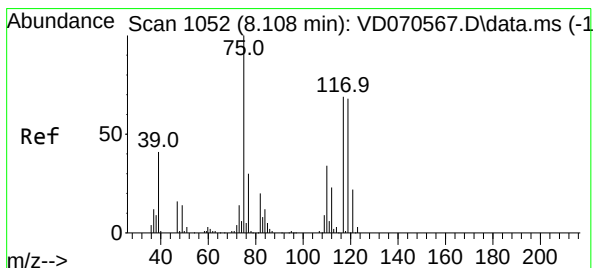
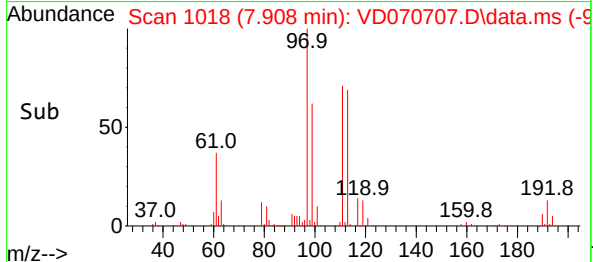
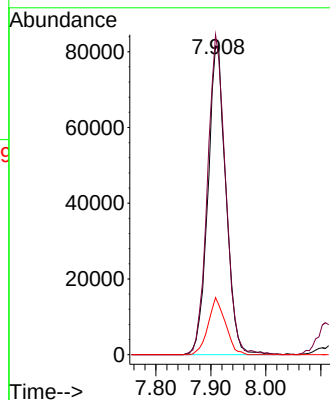
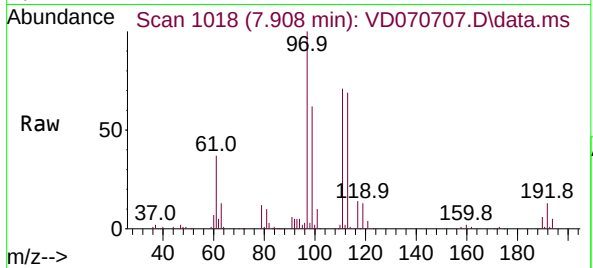
Tgt Ion: 113 Resp: 185874
Ion Ratio Lower Upper
113 100
111 104.3 83.1 124.7
192 17.7 12.7 19.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

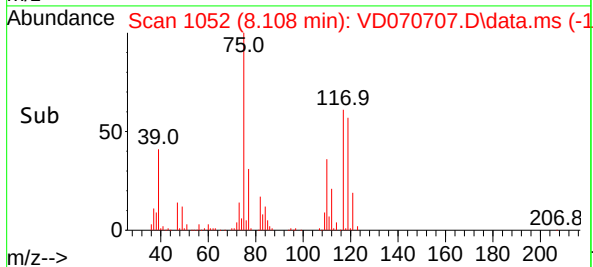
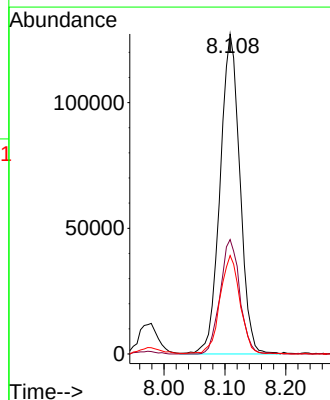
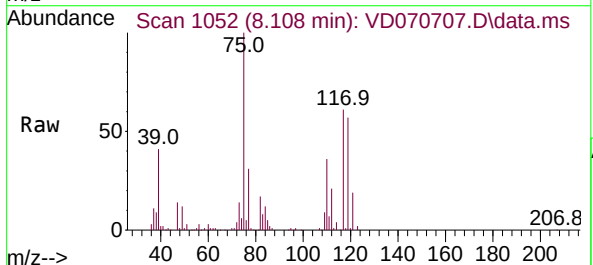
anatel

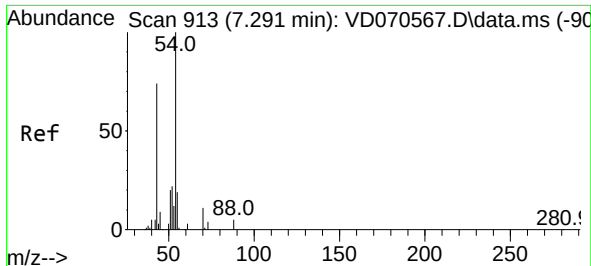
10/19/2021 12:37:53 PM



#36
1,1-Dichloropropene
Concen: 48.045 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

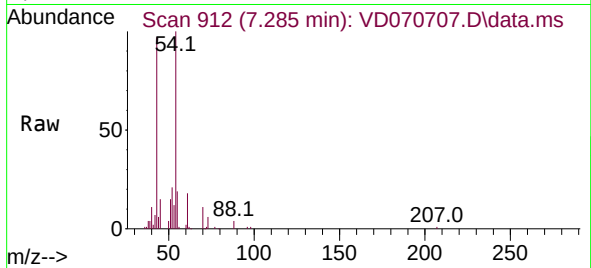
Tgt Ion: 75 Resp: 287591
Ion Ratio Lower Upper
75 100
110 35.4 17.2 51.6
77 30.8 24.2 36.4





#37
Ethyl Acetate
Concen: 51.902 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

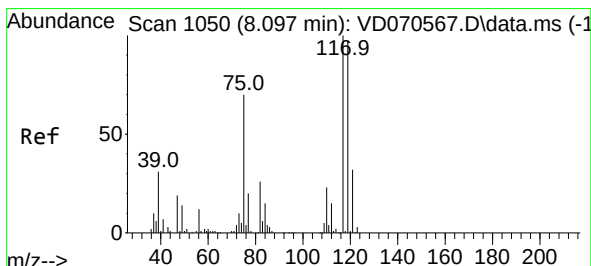
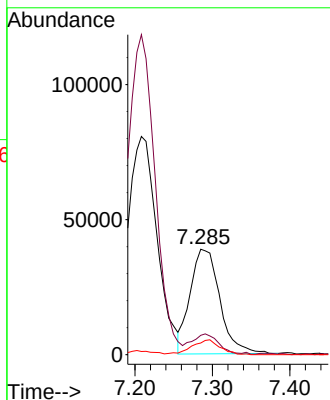
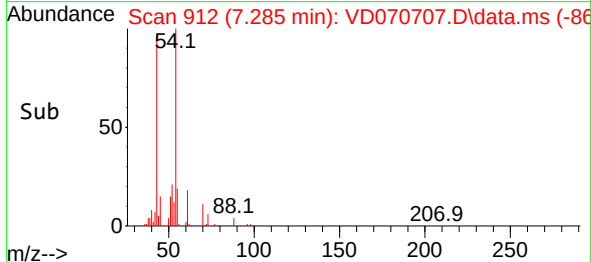


Tgt Ion: 43 Resp: 103215
Ion Ratio Lower Upper
43 100
61 17.9 12.9 19.3
70 13.5 9.9 14.9

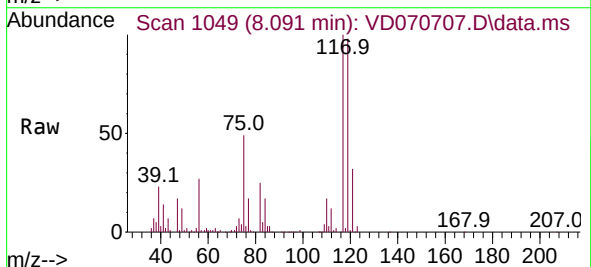
Manual Integrations
APPROVED

anatel

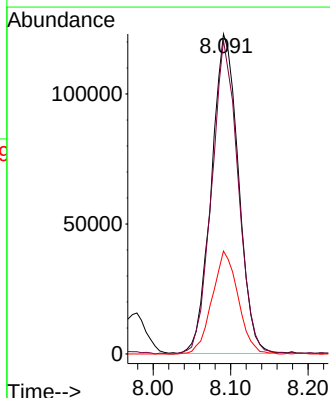
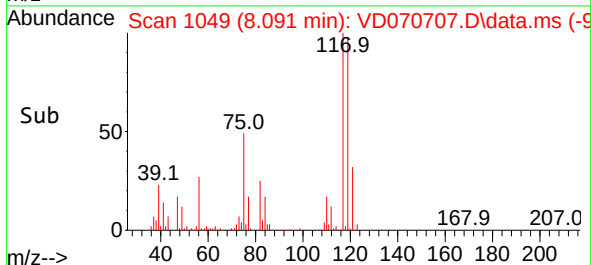
10/19/2021 12:37:53 PM

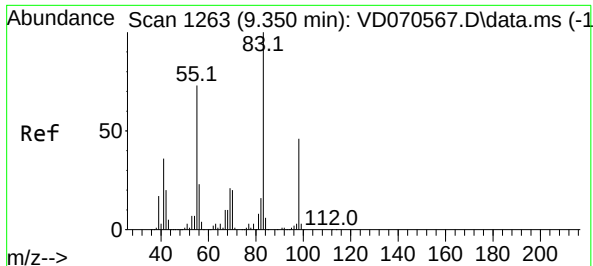


#38
Carbon Tetrachloride
Concen: 47.536 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



Tgt Ion: 117 Resp: 297778
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.0
121 32.2 25.4 38.0





#39

Methylcyclohexane

Concen: 48.830 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070707.D

Acq: 13 Oct 2021 19:40

Tgt Ion:	83	Resp:	336112
Ion	Ratio	Lower	Upper
83	100		
55	72.0	58.2	87.4
98	48.9	36.9	55.3

Instrument :

MSVOA_D

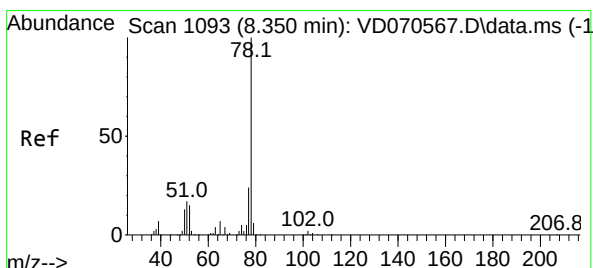
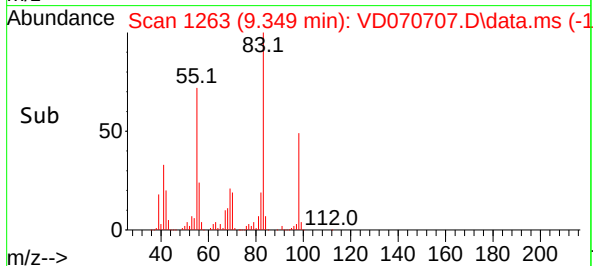
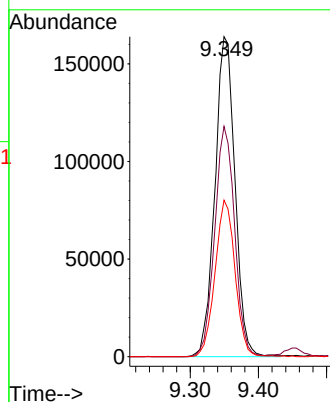
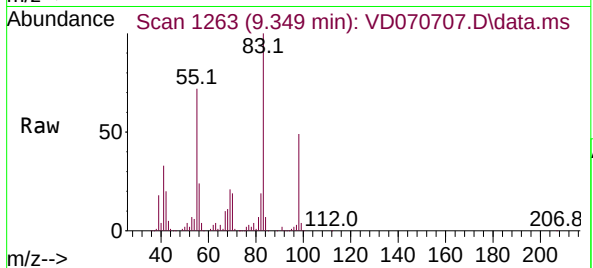
ClientSampleId :

VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#40

Benzene

Concen: 48.596 ug/l

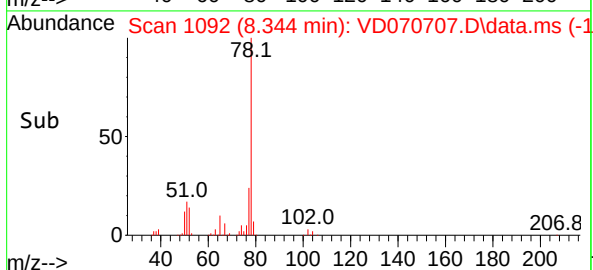
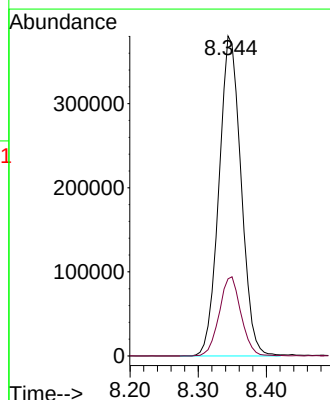
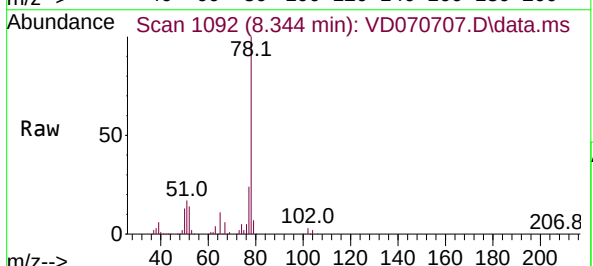
RT: 8.344 min Scan# 1092

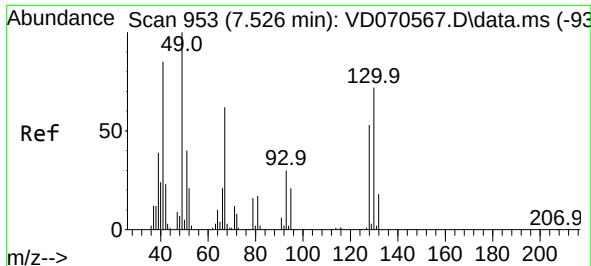
Delta R.T. -0.006 min

Lab File: VD070707.D

Acq: 13 Oct 2021 19:40

Tgt Ion:	78	Resp:	857350
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





#41
Methacrylonitrile
Concen: 61.516 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

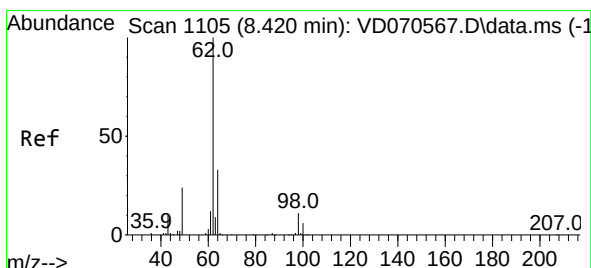
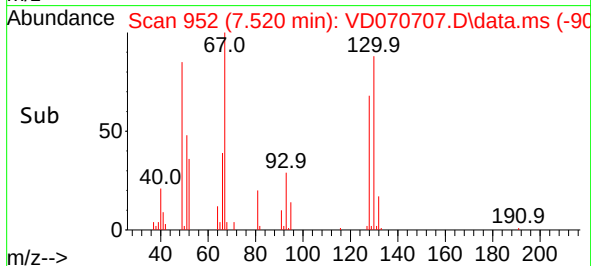
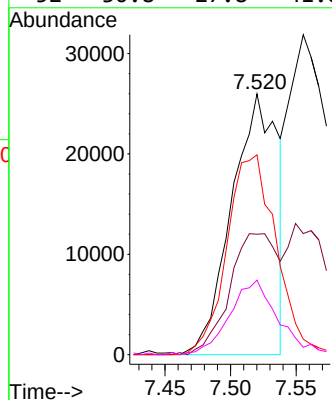
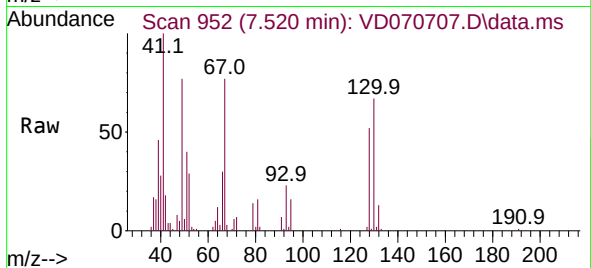
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	63091
Ion	Ratio	Lower	Upper
41	100		
39	48.9	45.2	67.8
67	82.8	75.8	113.6
52	30.8	27.8	41.8

Manual Integrations
APPROVED

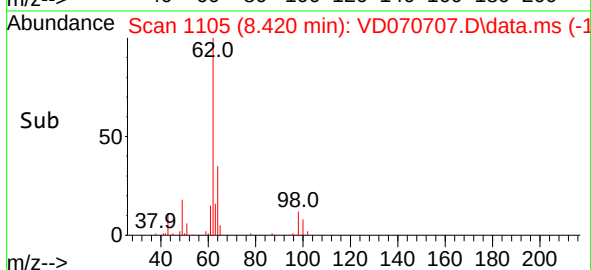
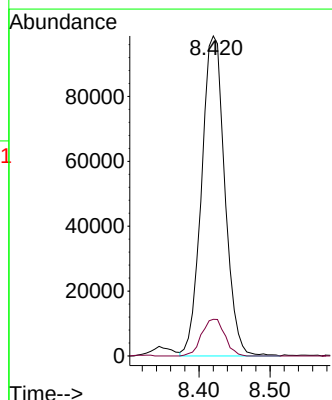
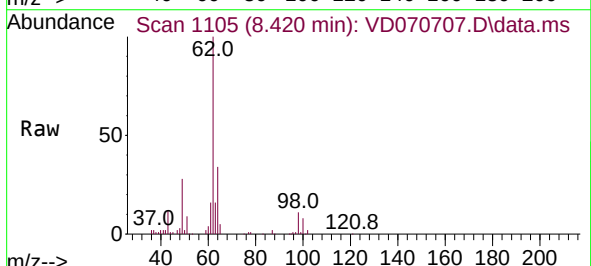
anatel

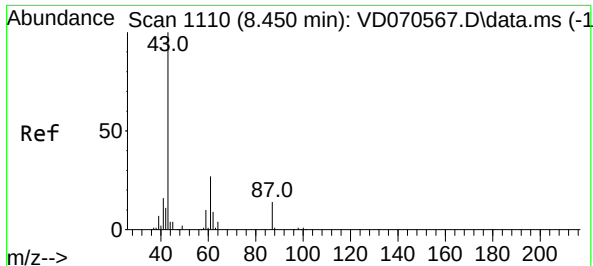
10/19/2021 12:37:53 PM



#42
1,2-Dichloroethane
Concen: 49.224 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:	62	Resp:	224593
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0





#43
Isopropyl Acetate
Concen: 52.242 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

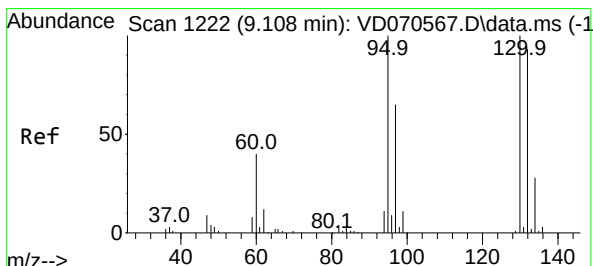
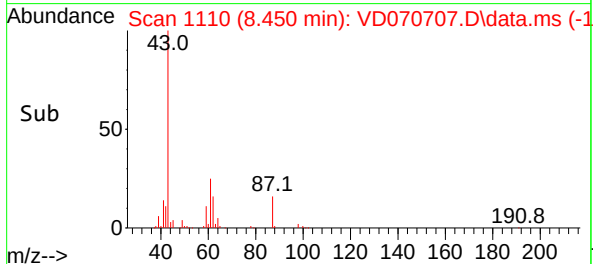
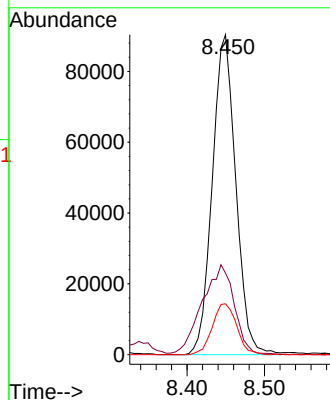
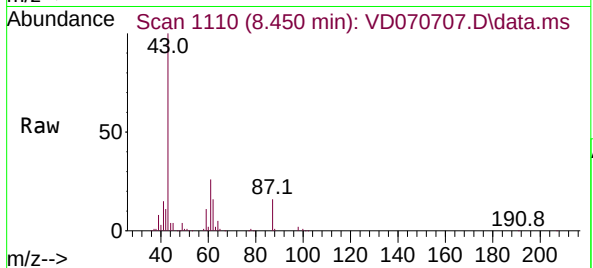
Tgt Ion: 43 Resp: 190368
Ion Ratio Lower Upper
43 100
61 38.5 29.0 43.4
87 16.5 11.8 17.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

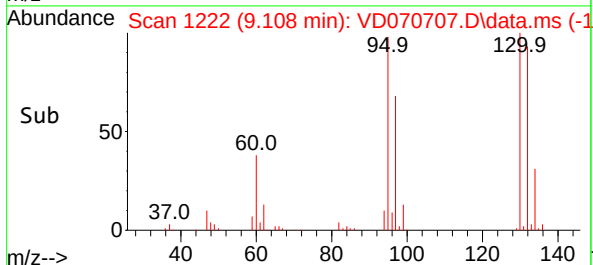
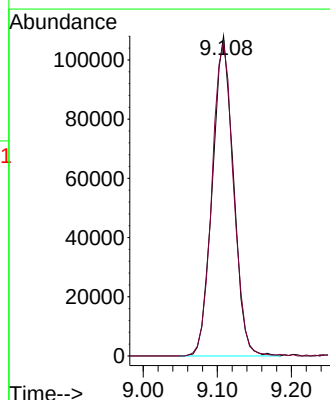
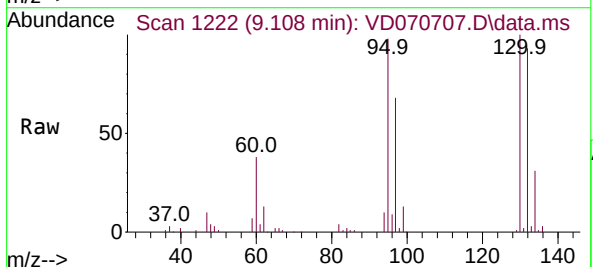
anatel

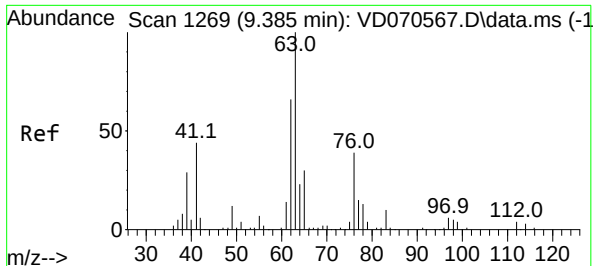
10/19/2021 12:37:53 PM



#44
Trichloroethene
Concen: 48.891 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:130 Resp: 212699
Ion Ratio Lower Upper
130 100
95 98.1 0.0 200.8





#45

1,2-Dichloropropane
Concen: 48.807 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

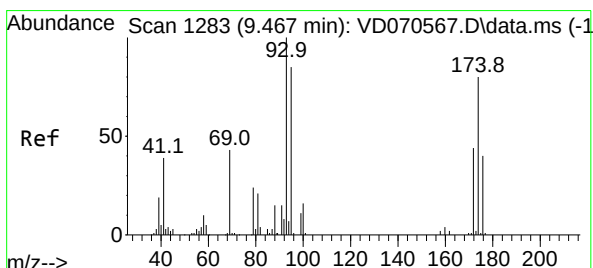
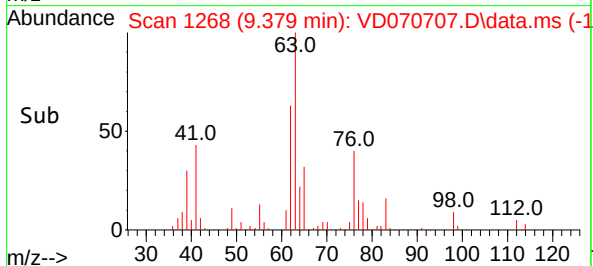
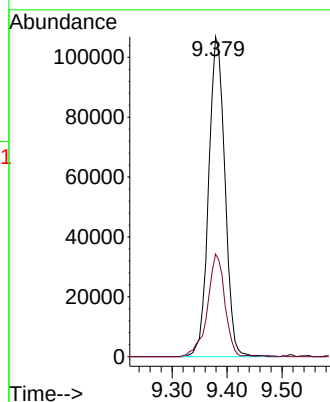
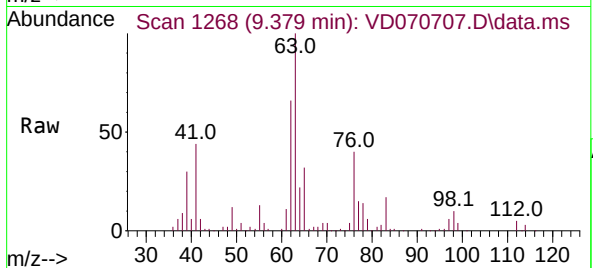
Tgt Ion: 63 Resp: 219751
Ion Ratio Lower Upper
63 100
65 32.1 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

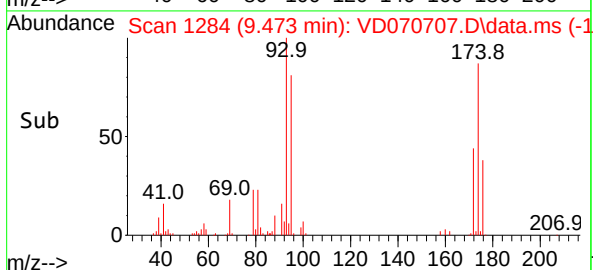
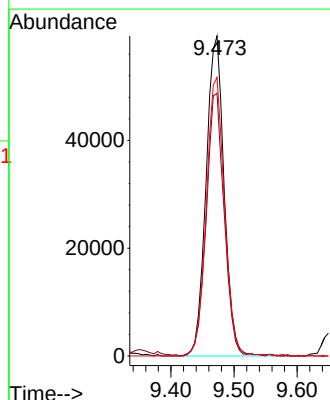
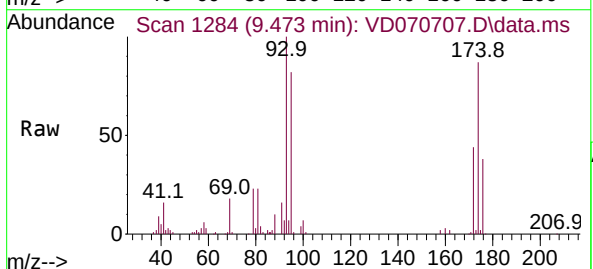
10/19/2021 12:37:53 PM

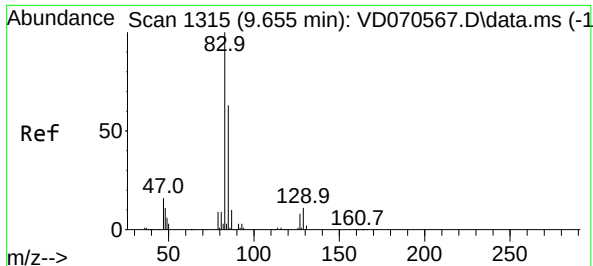


#46

Dibromomethane
Concen: 51.051 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 93 Resp: 117974
Ion Ratio Lower Upper
93 100
95 81.4 66.5 99.7
174 87.6 66.7 100.1





#47
Bromodichloromethane
Concen: 49.489 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

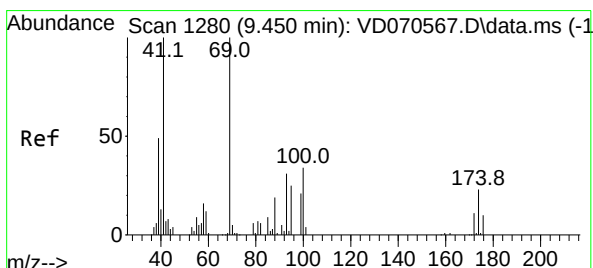
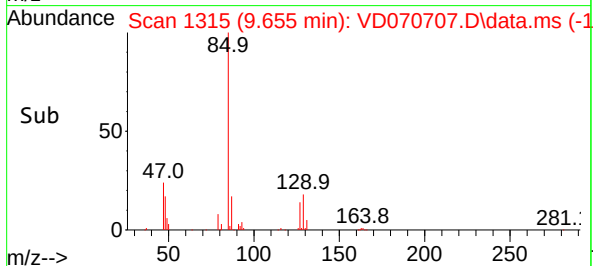
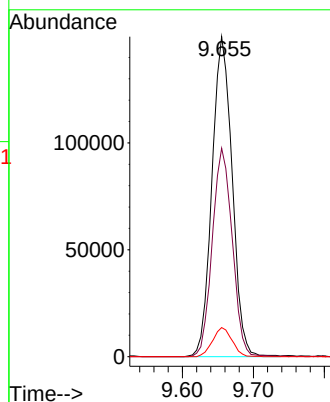
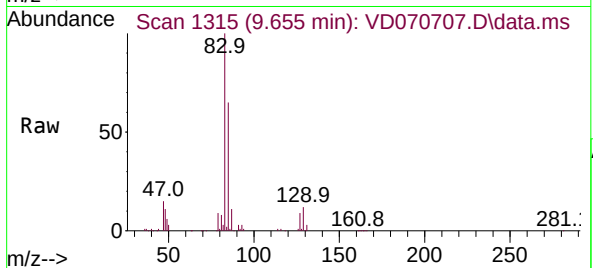
Tgt Ion: 83 Resp: 295128
Ion Ratio Lower Upper
83 100
85 65.2 50.7 76.1
127 9.1 6.5 9.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

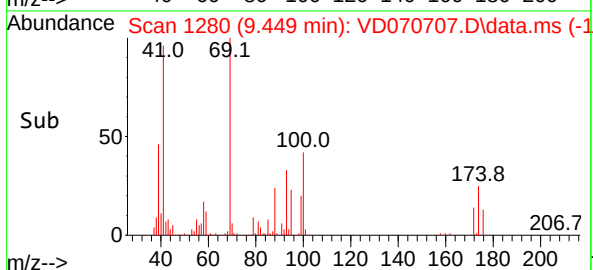
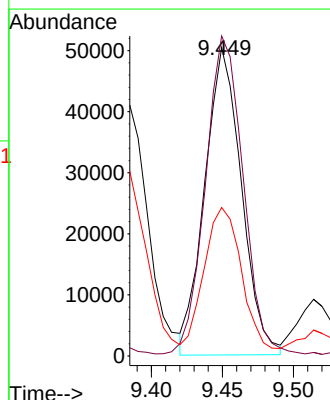
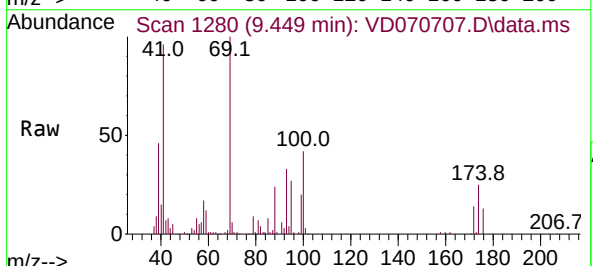
anatel

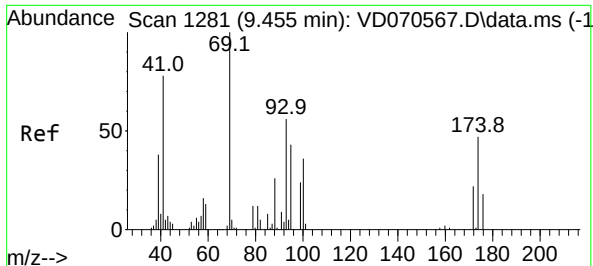
10/19/2021 12:37:53 PM



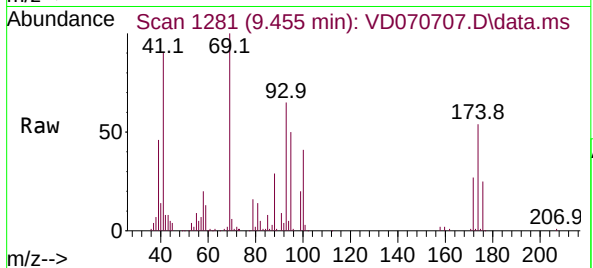
#48
Methyl methacrylate
Concen: 52.942 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 41 Resp: 90435
Ion Ratio Lower Upper
41 100
69 106.1 78.5 117.7
39 46.0 34.9 52.3

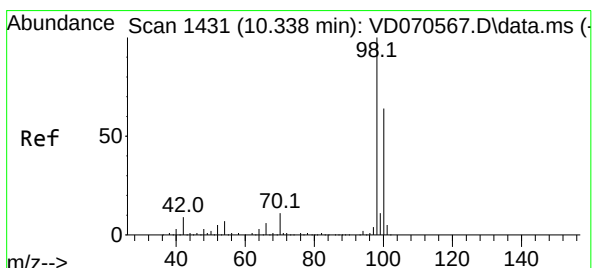
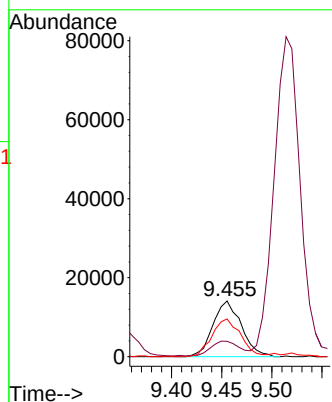
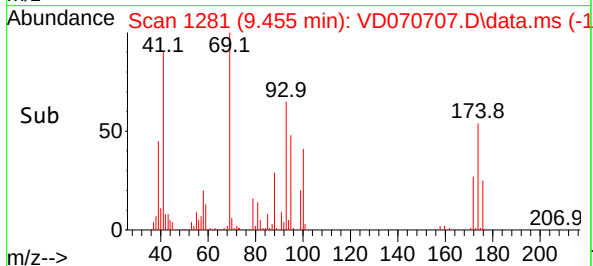




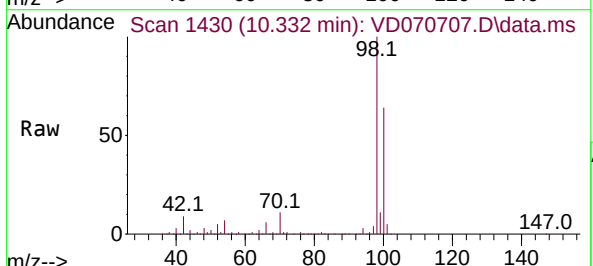
#49
1,4-Dioxane
Concen: 1183.247 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



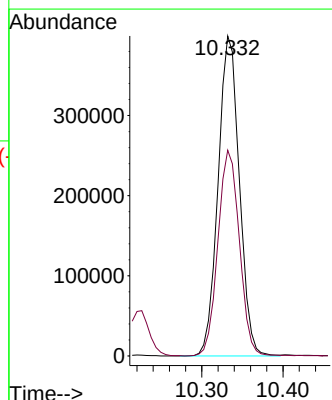
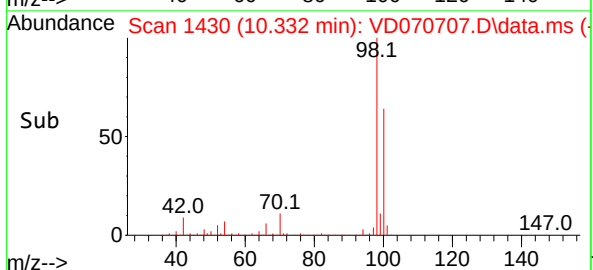
Tgt Ion: 88 Resp: 27785
Ion Ratio Lower Upper
88 100
43 27.2 25.1 37.7
58 68.9 57.4 86.0



#50
Toluene-d8
Concen: 50.738 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



Tgt Ion: 98 Resp: 726821
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

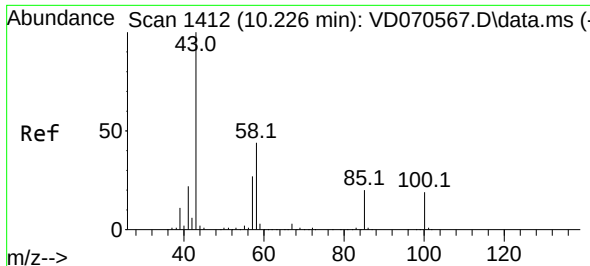


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#51
4-Methyl-2-Pentanone
Concen: 280.359 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

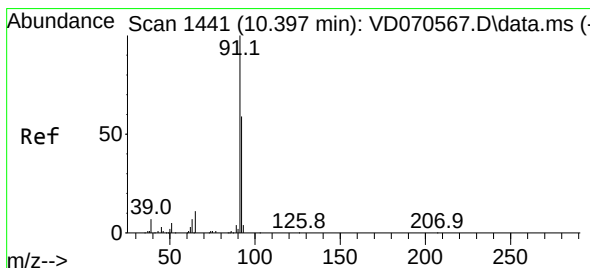
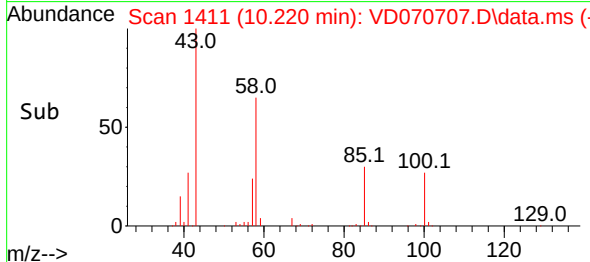
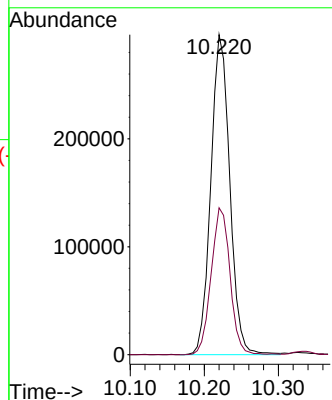
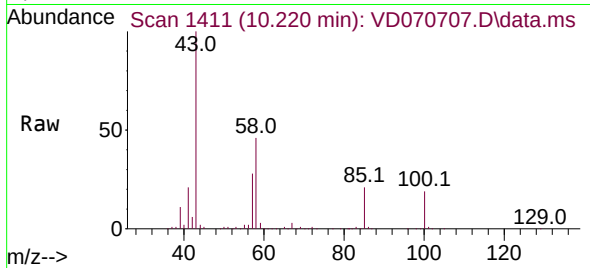
Tgt Ion: 43 Resp: 527077
Ion Ratio Lower Upper
43 100
58 45.7 35.0 52.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

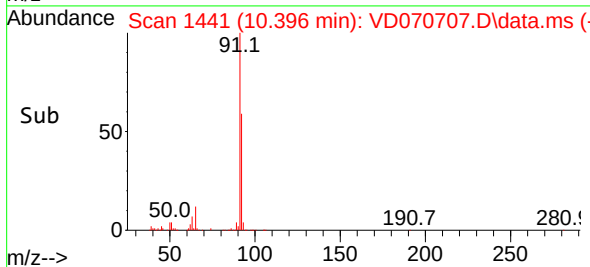
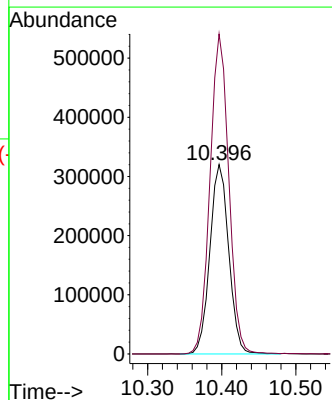
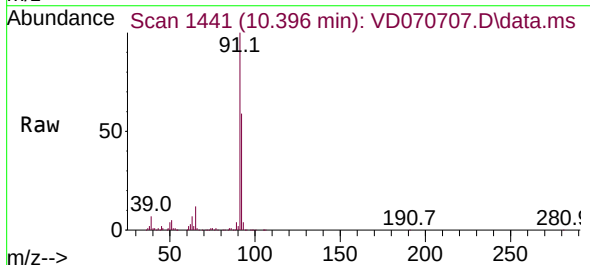
anatel

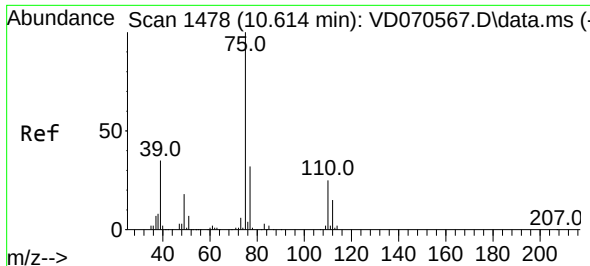
10/19/2021 12:37:53 PM



#52
Toluene
Concen: 52.198 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 92 Resp: 565751
Ion Ratio Lower Upper
92 100
91 168.6 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 48.178 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

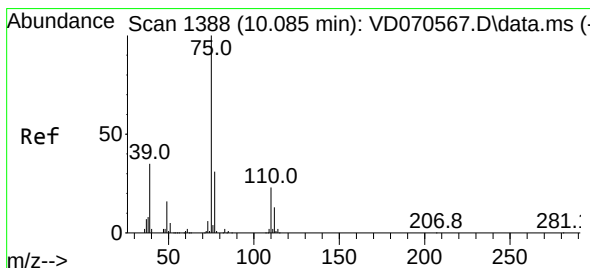
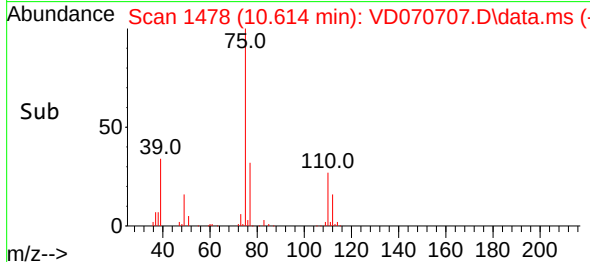
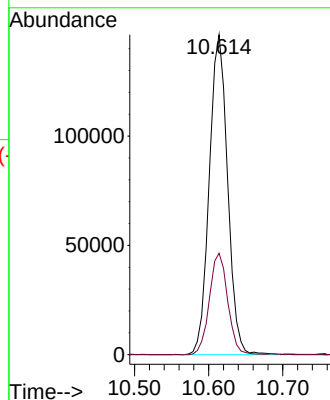
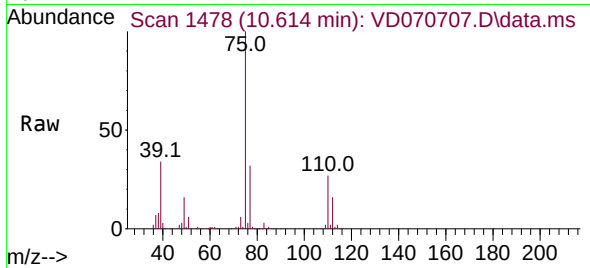
Tgt Ion: 75 Resp: 251458
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

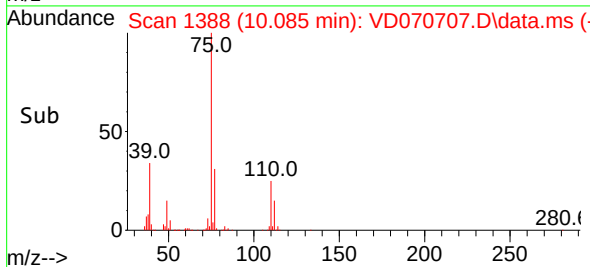
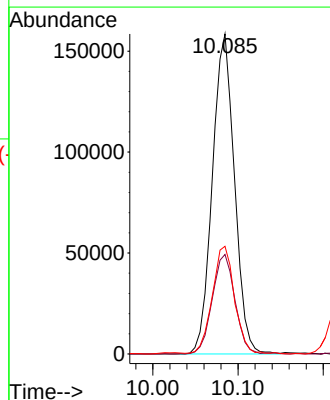
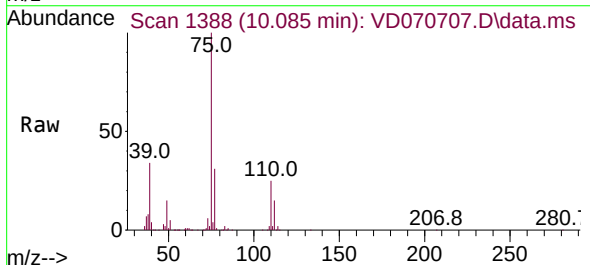
anatel

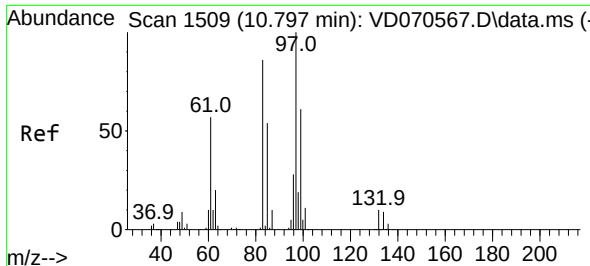
10/19/2021 12:37:53 PM



#54
cis-1,3-Dichloropropene
Concen: 45.475 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 75 Resp: 285763
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 33.6 27.8 41.6





#55
1,1,2-Trichloroethane
Concen: 51.841 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

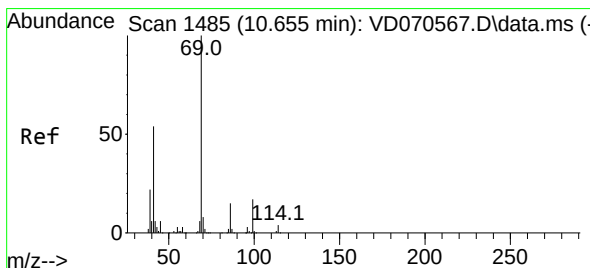
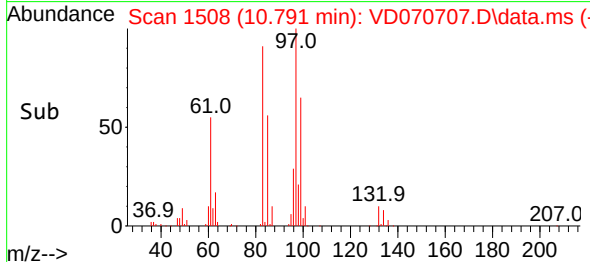
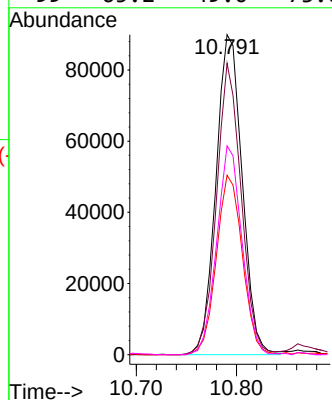
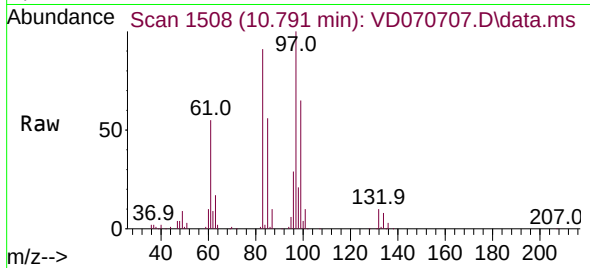
Tgt Ion: 97	Resp: 163205
Ion Ratio	Lower Upper
97 100	
83 91.1	69.1 103.7
85 56.0	43.0 64.6
99 65.2	49.0 73.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

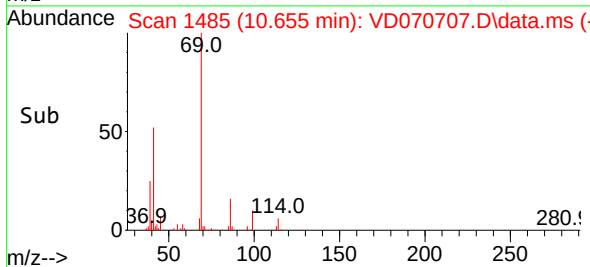
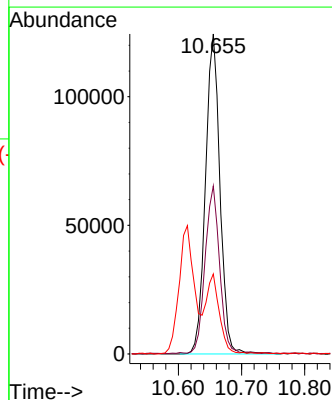
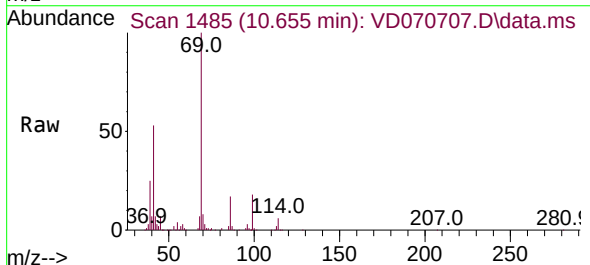
anatel

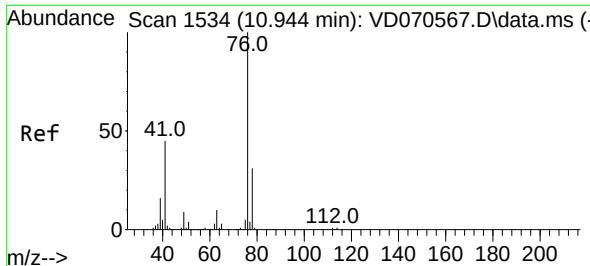
10/19/2021 12:37:53 PM



#56
Ethyl methacrylate
Concen: 52.600 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 69	Resp: 198053
Ion Ratio	Lower Upper
69 100	
41 52.4	44.7 67.1
39 22.0	19.5 29.3





#57
1,3-Dichloropropane
Concen: 51.411 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

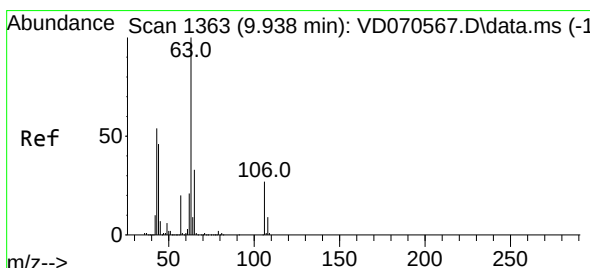
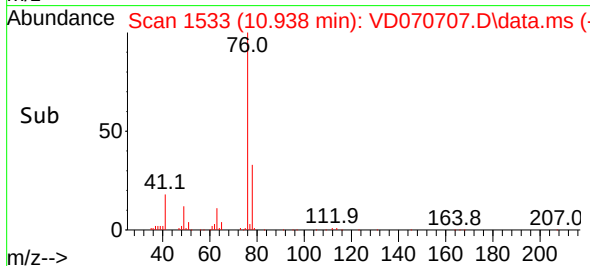
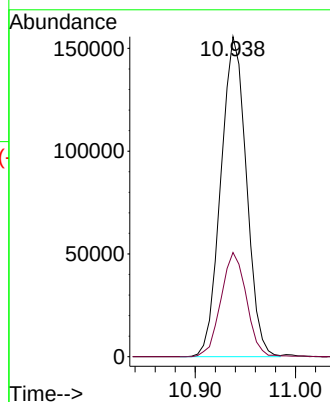
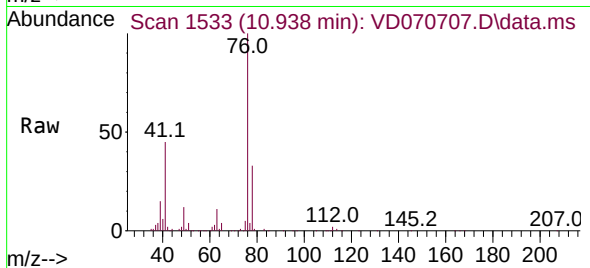
Tgt Ion: 76 Resp: 275331
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

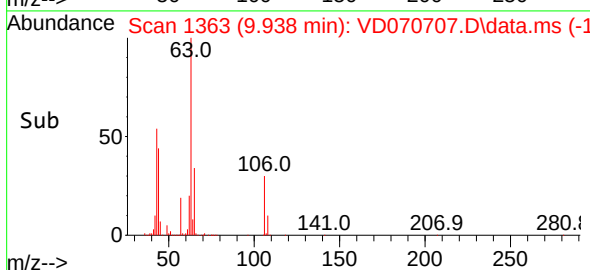
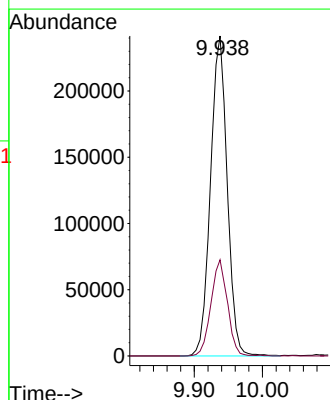
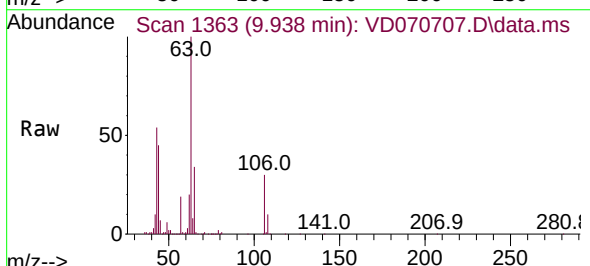
anatel

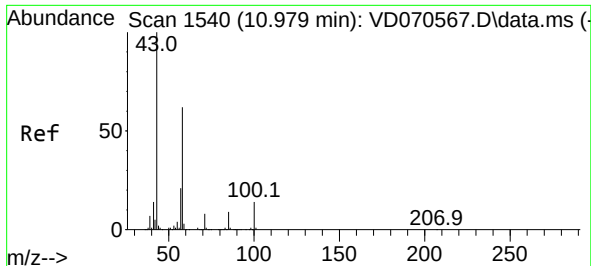
10/19/2021 12:37:53 PM



#58
2-Chloroethyl Vinyl ether
Concen: 271.756 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 63 Resp: 412202
Ion Ratio Lower Upper
63 100
106 29.6 22.3 33.5





#59
2-Hexanone
Concen: 264.127 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

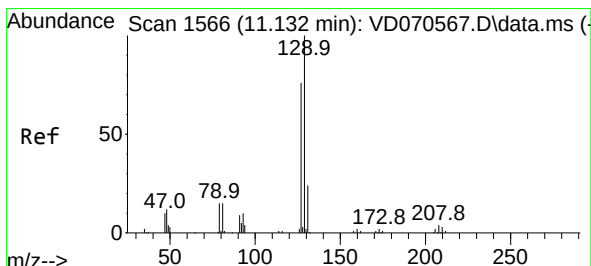
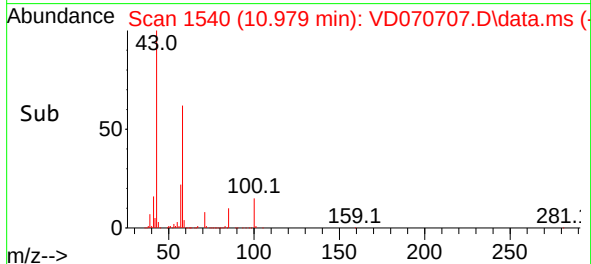
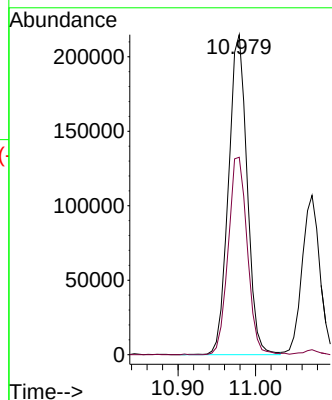
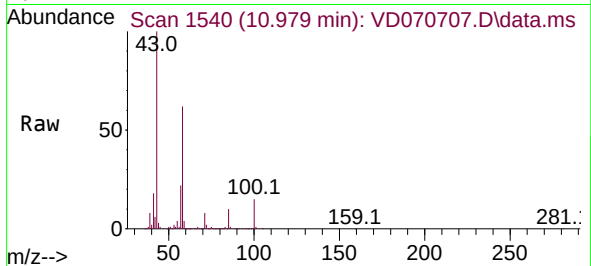
Tgt Ion: 43 Resp: 359646
Ion Ratio Lower Upper
43 100
58 63.3 30.4 91.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

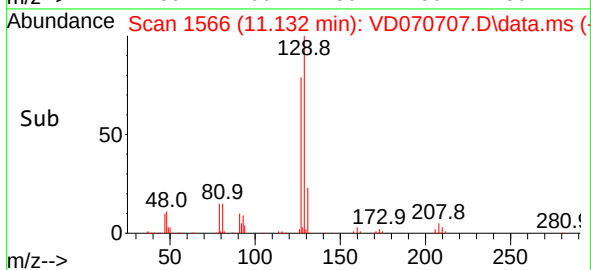
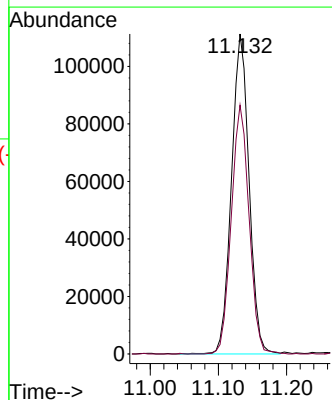
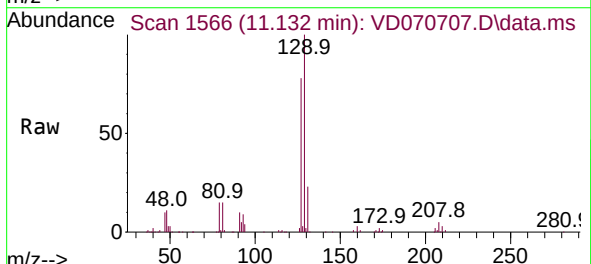
anatel

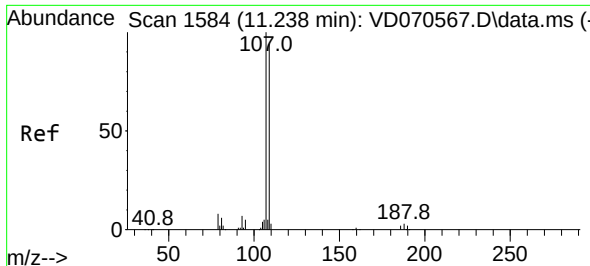
10/19/2021 12:37:53 PM



#60
Dibromochloromethane
Concen: 52.541 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:129 Resp: 199265
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.722 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

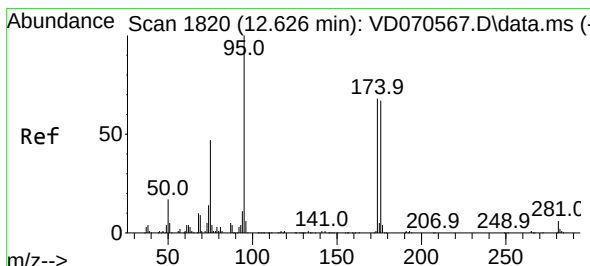
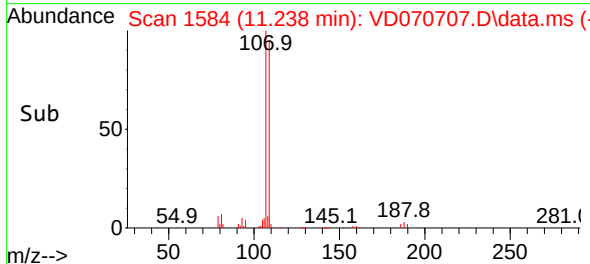
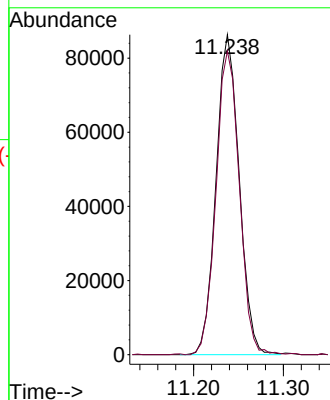
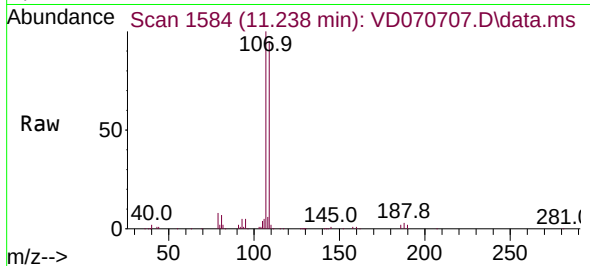
Tgt Ion:107 Resp: 154546
Ion Ratio Lower Upper
107 100
109 95.6 75.0 112.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

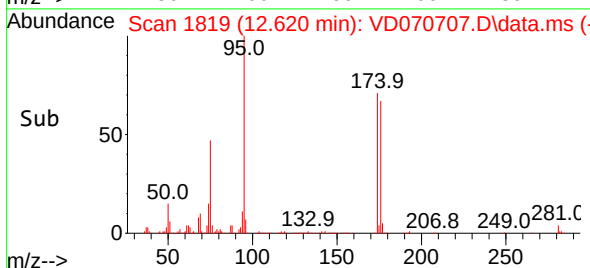
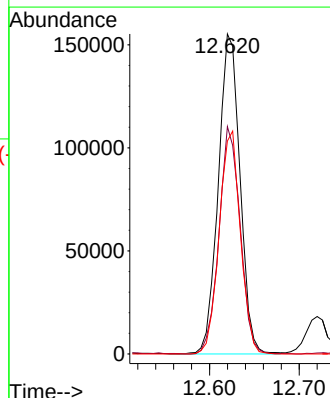
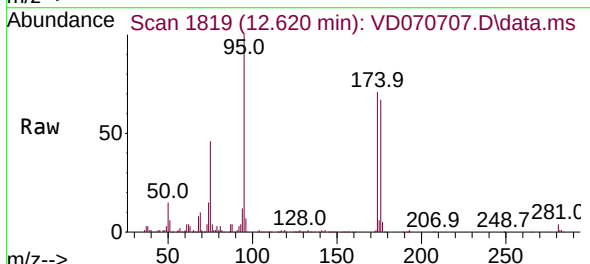
anatel

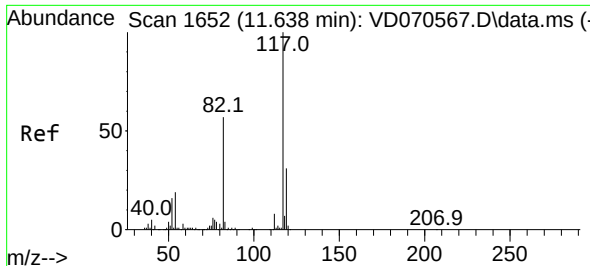
10/19/2021 12:37:53 PM



#62
4-Bromofluorobenzene
Concen: 54.447 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 95 Resp: 260679
Ion Ratio Lower Upper
95 100
174 69.3 0.0 138.0
176 68.1 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

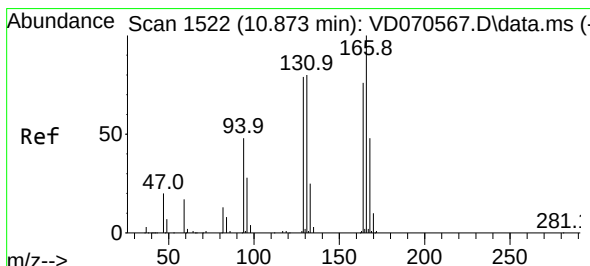
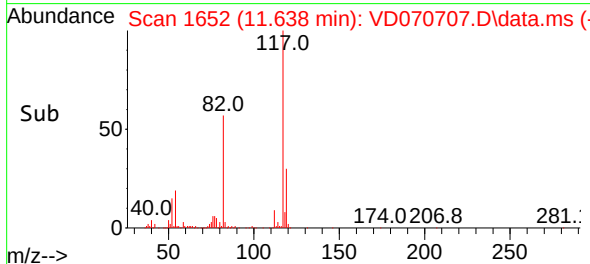
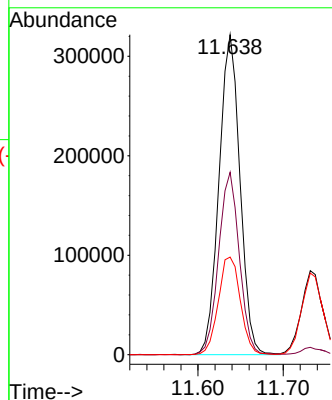
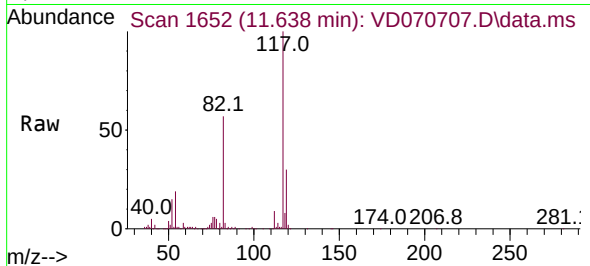
Tgt Ion:117 Resp: 549988
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 30.5 24.7 37.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

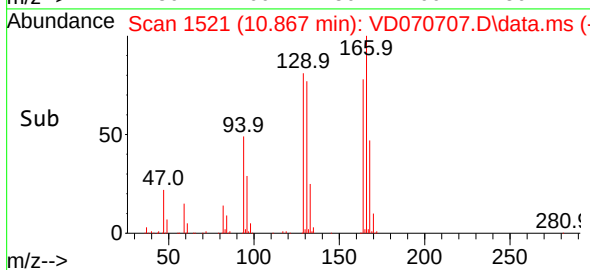
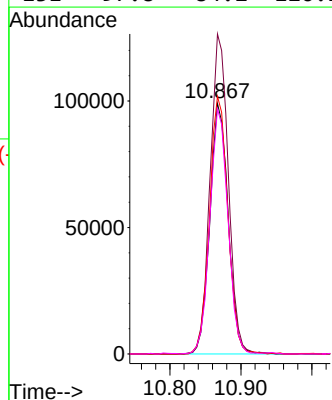
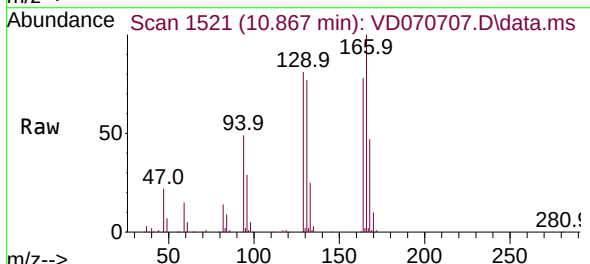
anatel

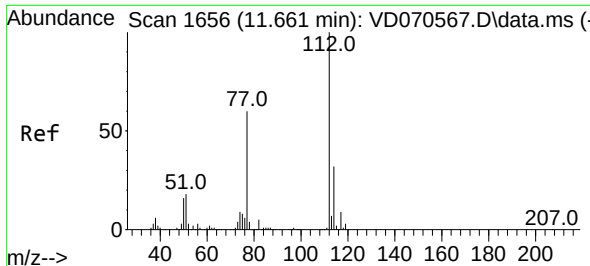
10/19/2021 12:37:53 PM



#64
Tetrachloroethene
Concen: 50.320 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:164 Resp: 177462
Ion Ratio Lower Upper
164 100
166 127.7 105.8 158.6
129 102.8 83.8 125.6
131 97.8 84.2 126.2





#65
Chlorobenzene
Concen: 48.779 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

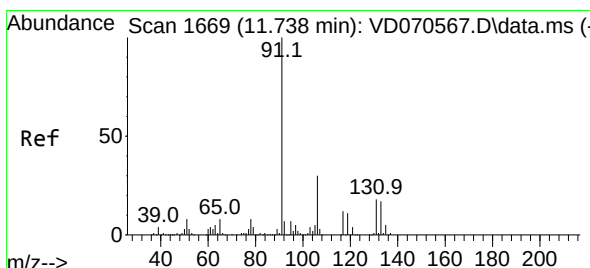
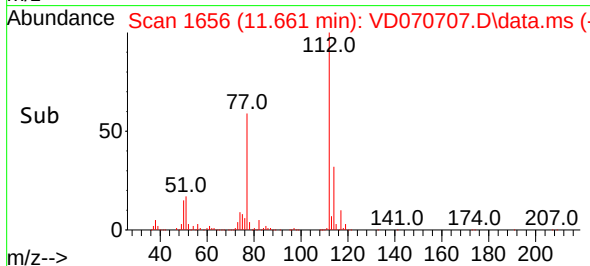
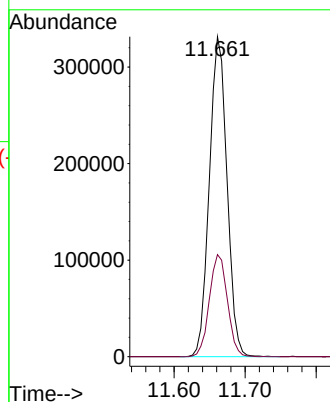
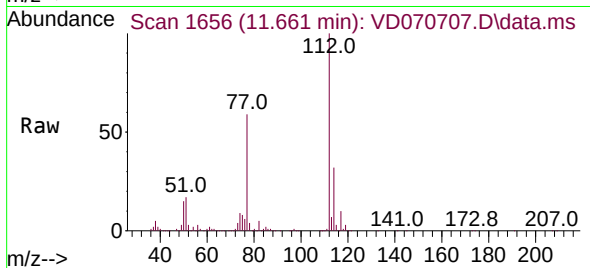
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 572069
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

Manual Integrations
APPROVED

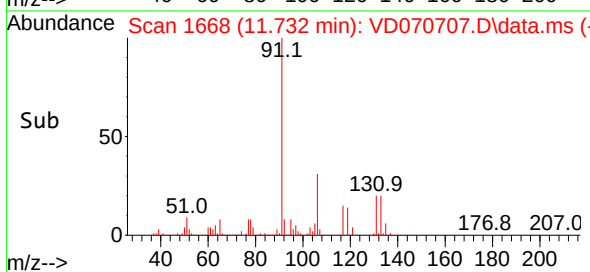
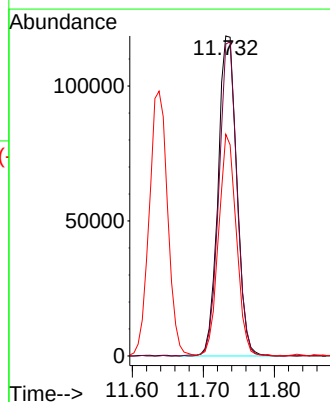
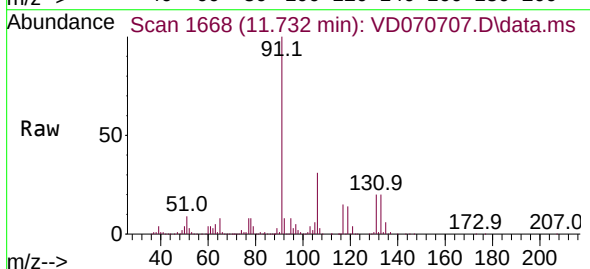
anatel

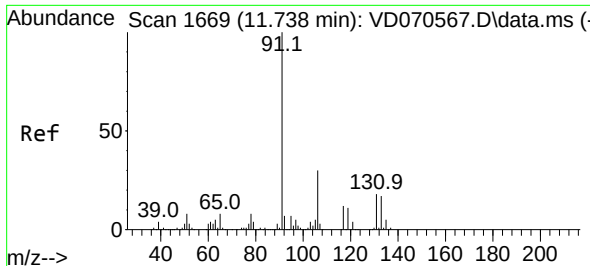
10/19/2021 12:37:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.659 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

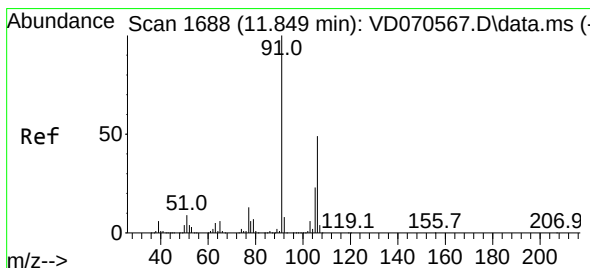
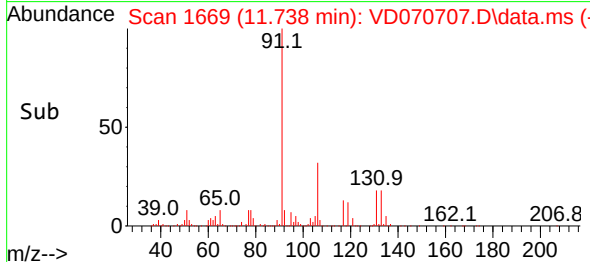
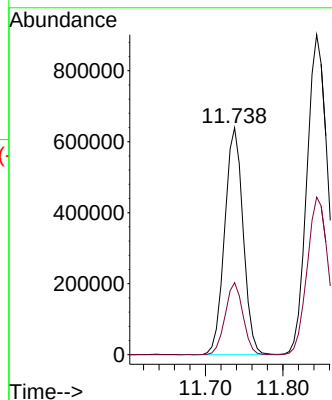
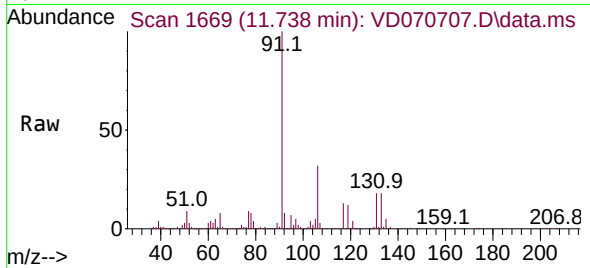
Tgt Ion:131 Resp: 216656
Ion Ratio Lower Upper
131 100
133 94.2 46.8 140.3
119 65.9 32.6 97.7





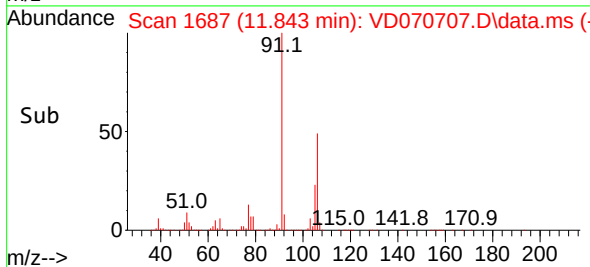
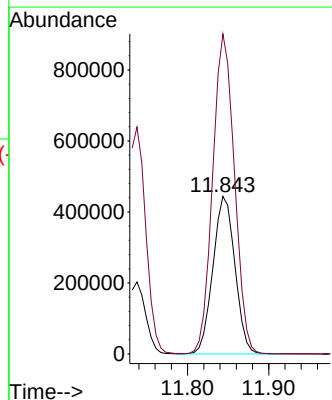
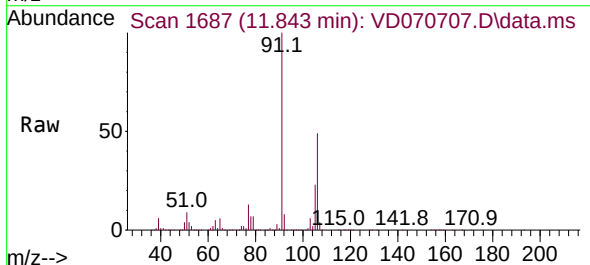
#67
Ethyl Benzene
Concen: 52.323 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 91 Resp: 1058899
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2



#68
m/p-Xylenes
Concen: 104.903 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 106 Resp: 836081
Ion Ratio Lower Upper
106 100
91 201.0 162.7 244.1

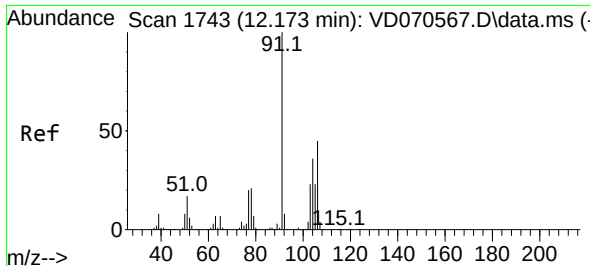


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#69
o-Xylene
Concen: 54.354 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

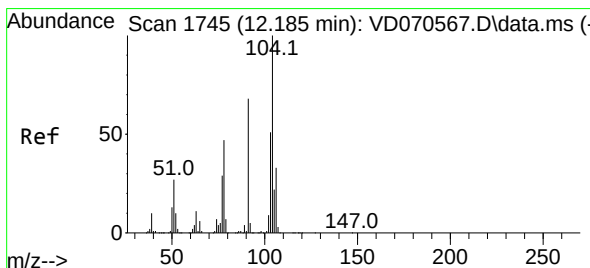
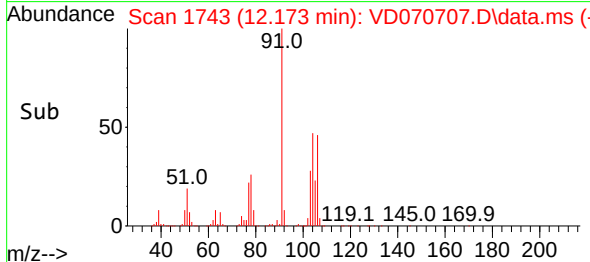
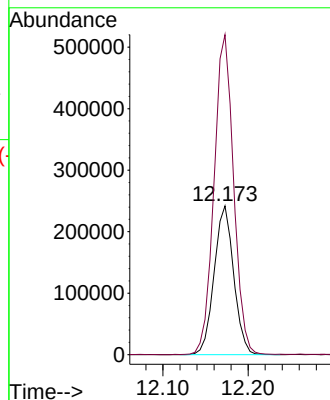
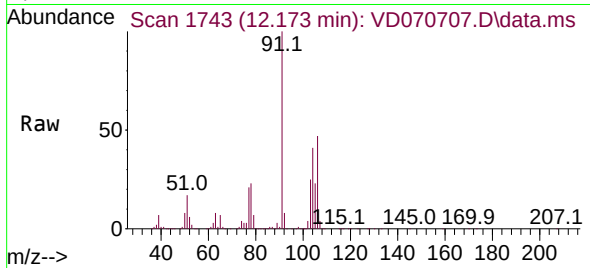
Tgt Ion:106 Resp: 385305
Ion Ratio Lower Upper
106 100
91 215.8 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

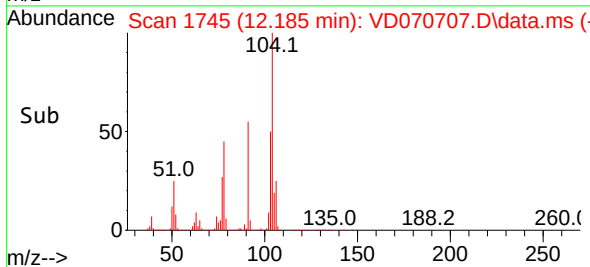
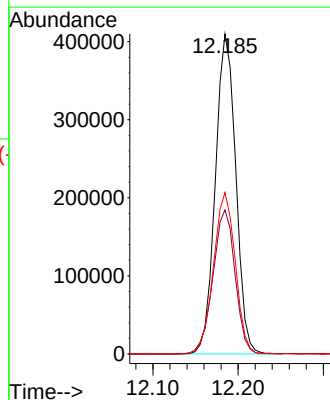
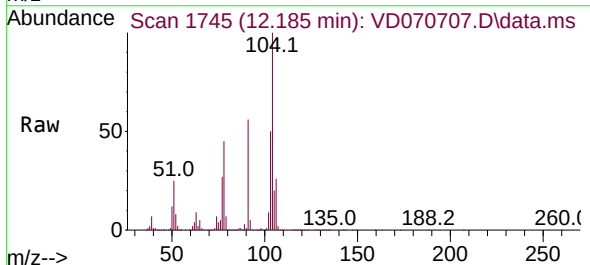
anatel

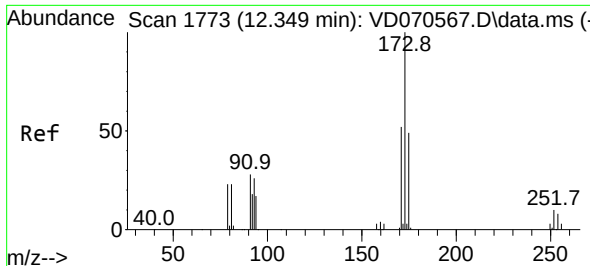
10/19/2021 12:37:53 PM



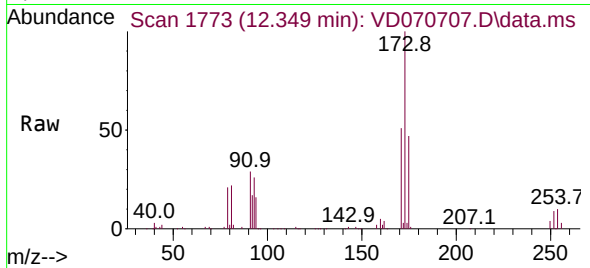
#70
Styrene
Concen: 54.748 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:104 Resp: 683775
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.6
103 53.8 43.4 65.2

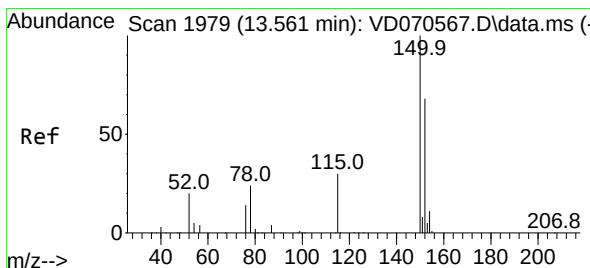
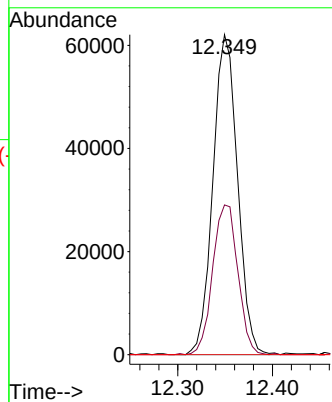
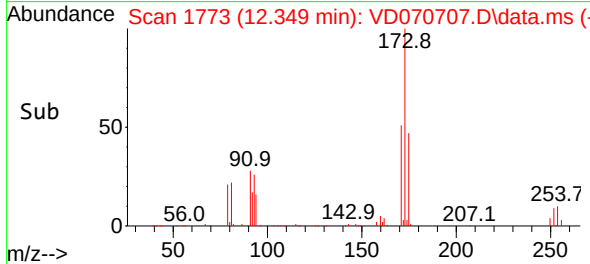




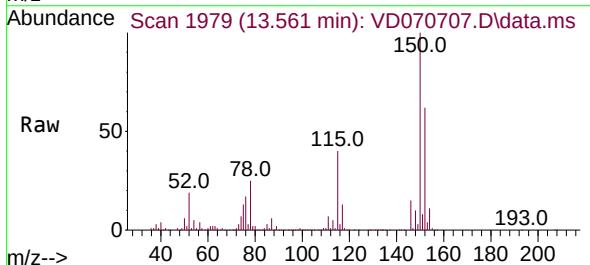
#71
Bromoform
Concen: 54.731 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



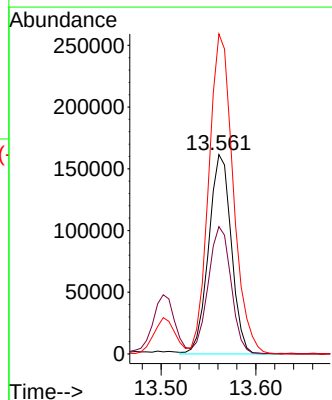
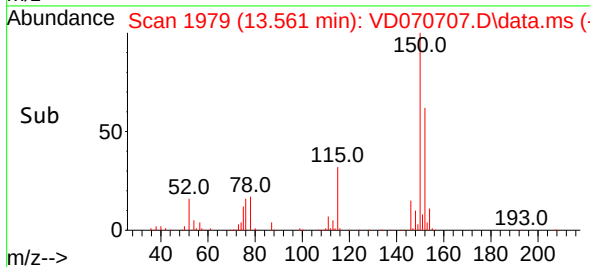
Tgt Ion:173 Resp: 112103
Ion Ratio Lower Upper
173 100
175 47.9 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



Tgt Ion:152 Resp: 268718
Ion Ratio Lower Upper
152 100
115 64.1 31.9 95.7
150 173.4 0.0 350.0

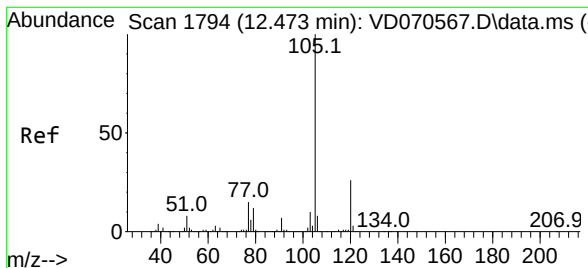


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#73
Isopropylbenzene
Concen: 50.861 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

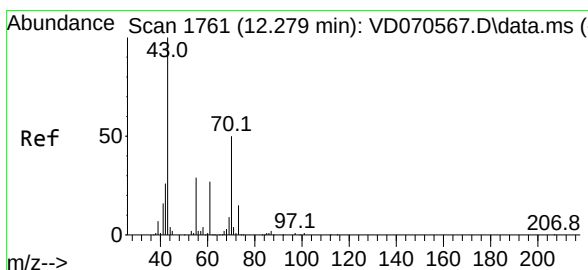
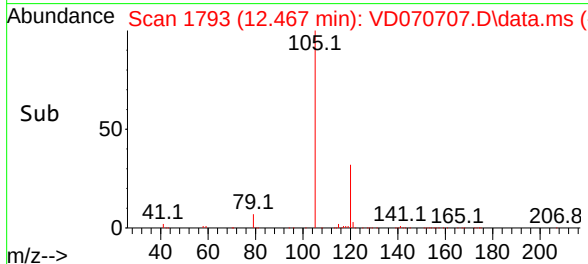
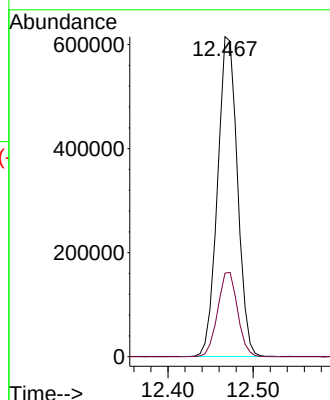
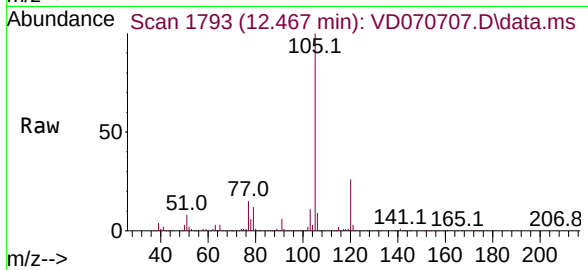
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 996430
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.3

Manual Integrations
APPROVED

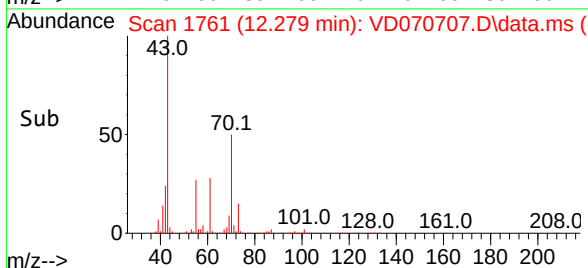
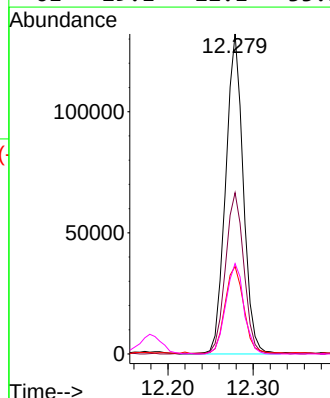
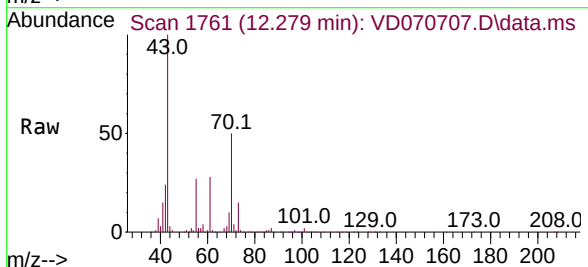
anatel

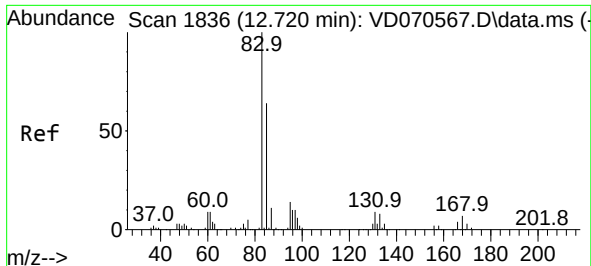
10/19/2021 12:37:53 PM



#74
N-ethyl acetate
Concen: 51.485 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 43 Resp: 190078
Ion Ratio Lower Upper
43 100
70 52.6 40.0 60.0
55 28.8 23.8 35.6
61 29.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 48.690 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

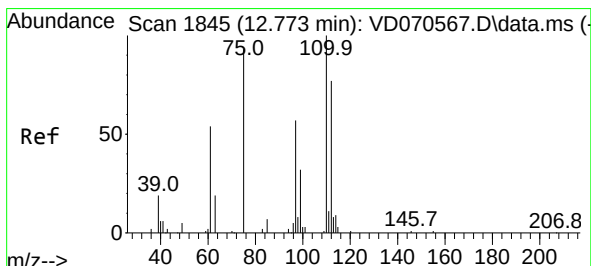
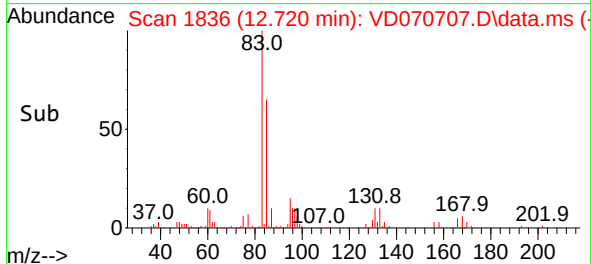
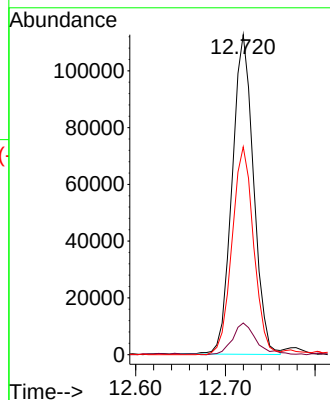
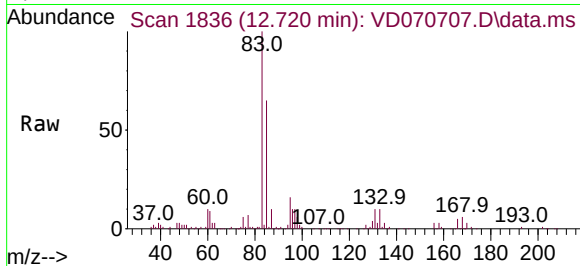
Tgt Ion: 83 Resp: 186491
Ion Ratio Lower Upper
83 100
131 10.8 4.9 14.7
85 65.6 31.9 95.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

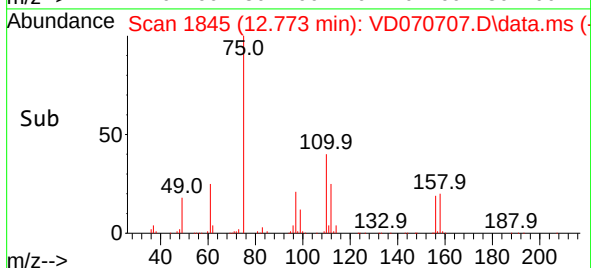
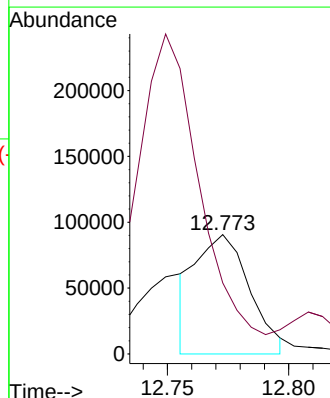
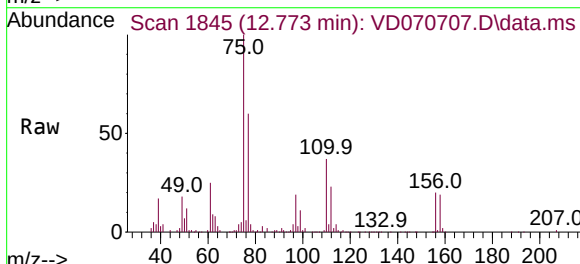
anatel

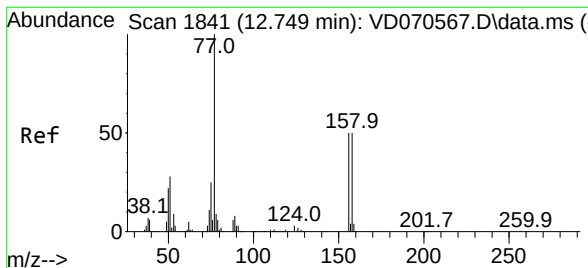
10/19/2021 12:37:53 PM



#76
1,2,3-Trichloropropane
Concen: 57.670 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 75 Resp: 140265
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.482 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

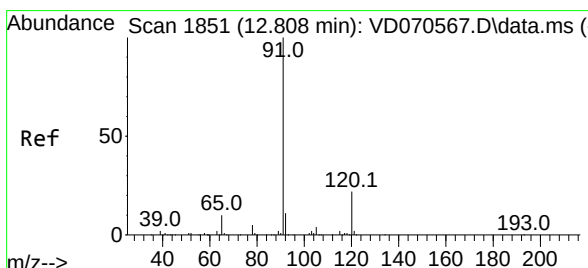
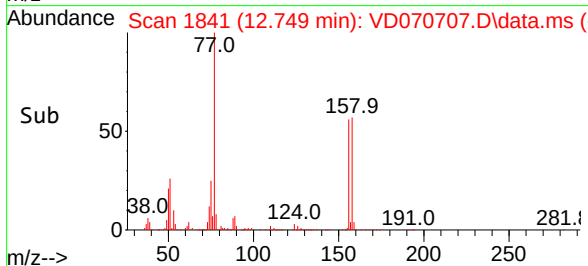
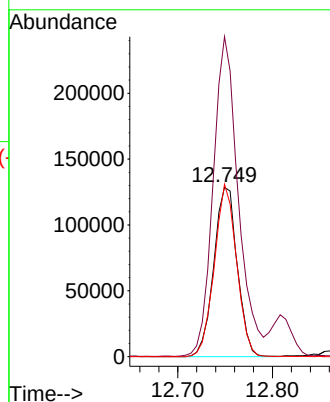
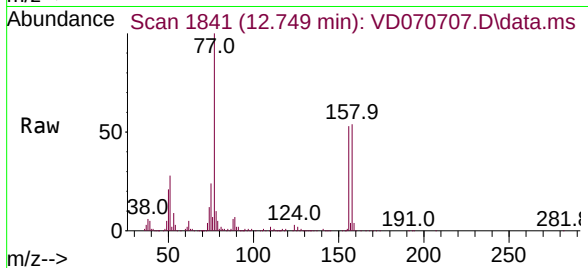
Tgt Ion:156 Resp: 221099
Ion Ratio Lower Upper
156 100
77 202.3 105.7 317.1
158 96.8 48.9 146.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

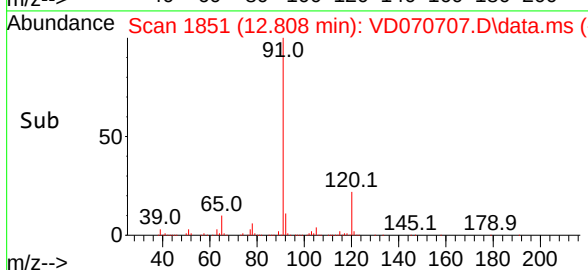
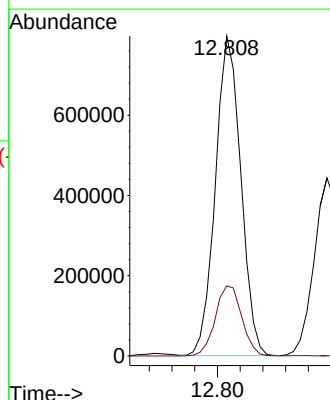
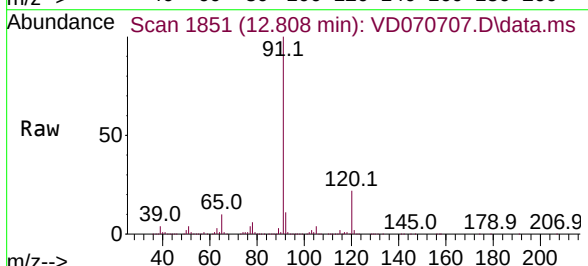
anatel

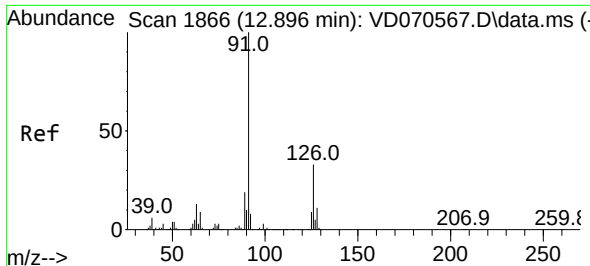
10/19/2021 12:37:53 PM



#78
n-propylbenzene
Concen: 49.961 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 91 Resp: 1238640
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.6





#79
2-Chlorotoluene
Concen: 49.829 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

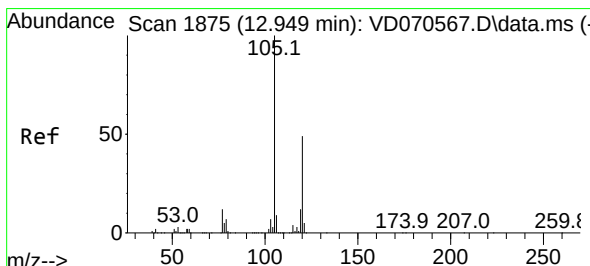
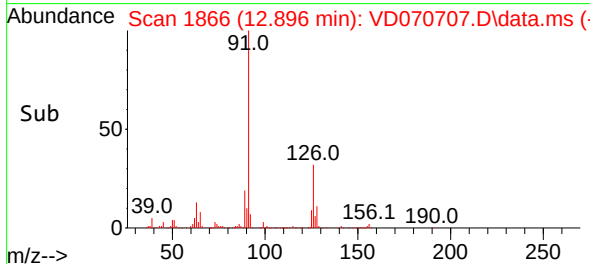
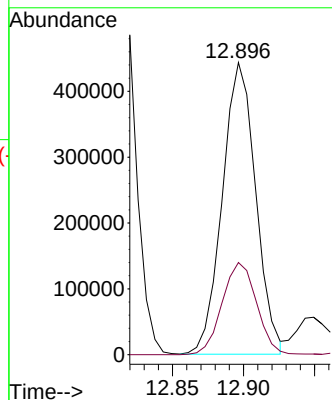
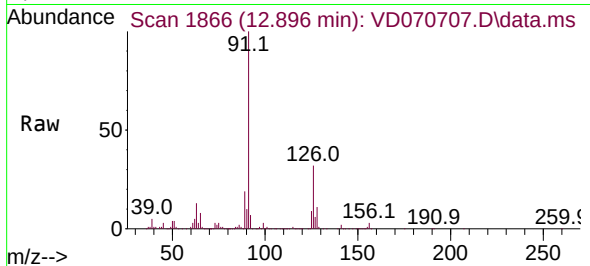
Tgt Ion: 91 Resp: 724682
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

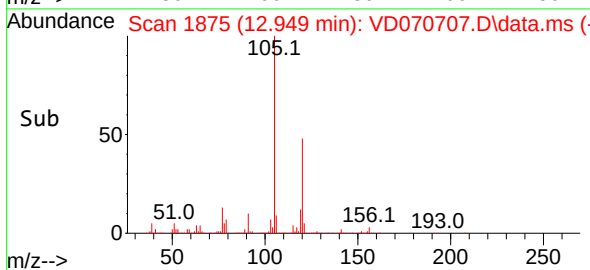
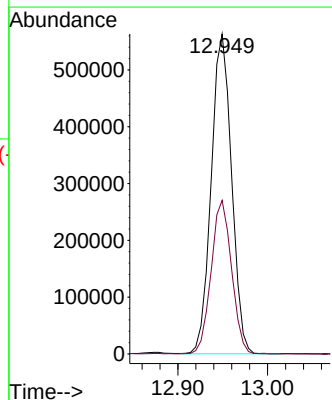
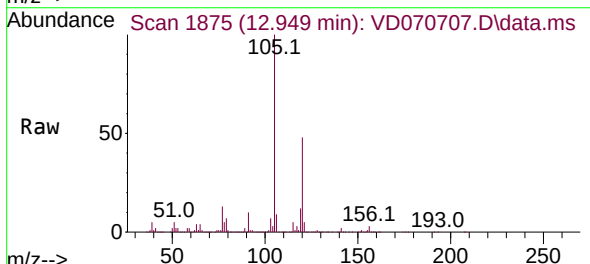
anatel

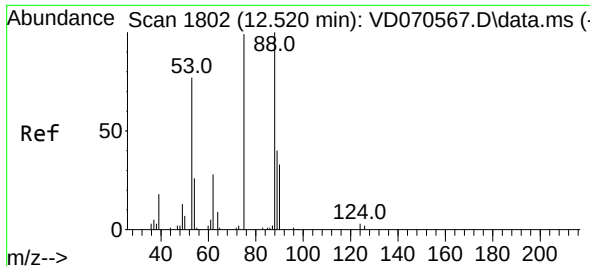
10/19/2021 12:37:53 PM



#80
1,3,5-Trimethylbenzene
Concen: 53.024 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 105 Resp: 885931
Ion Ratio Lower Upper
105 100
120 48.0 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 41.368 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

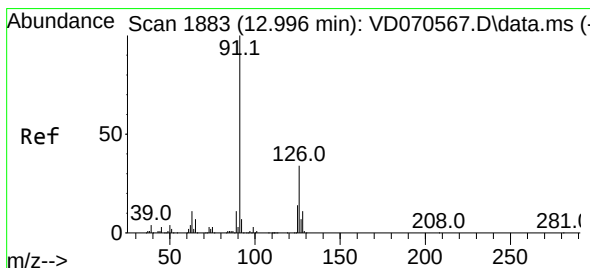
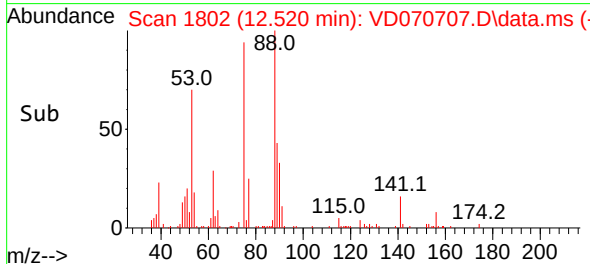
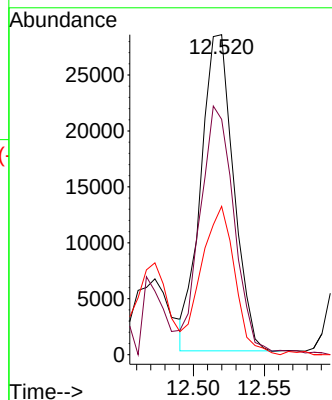
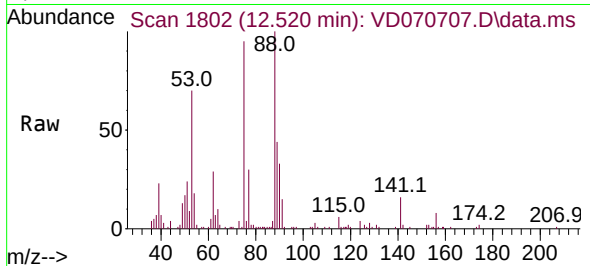
Tgt Ion:	75	Resp:	45318
Ion	Ratio	Lower	Upper
75	100		
53	84.2	64.5	96.7
89	48.2	35.3	52.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

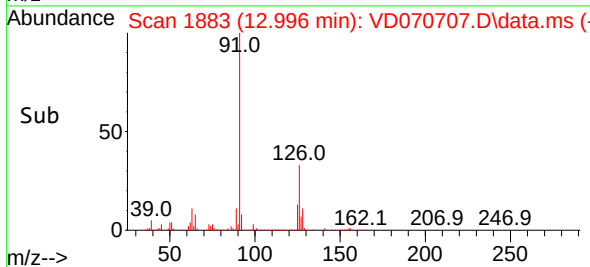
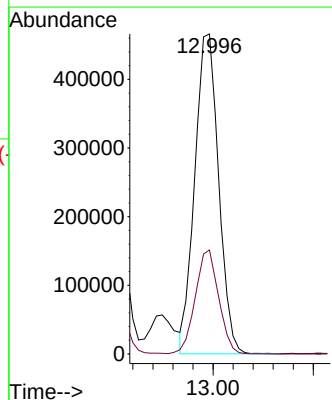
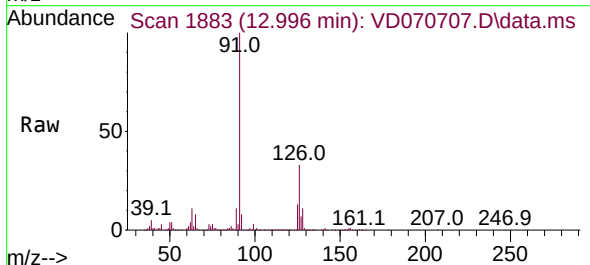
anatel

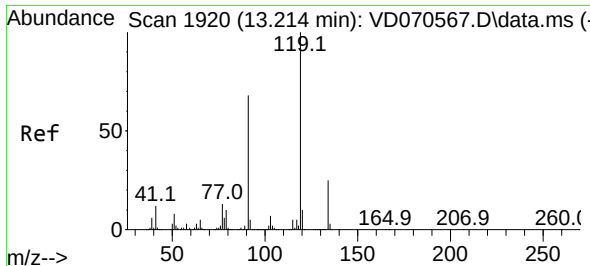
10/19/2021 12:37:53 PM



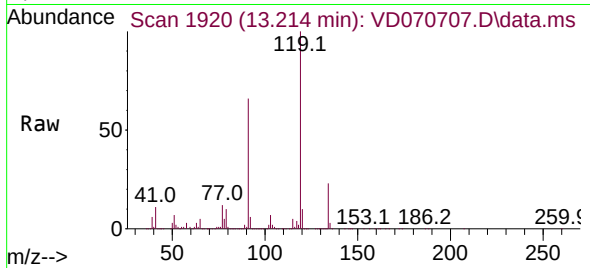
#82
4-Chlorotoluene
Concen: 50.571 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:	91	Resp:	768874
Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.2	48.6

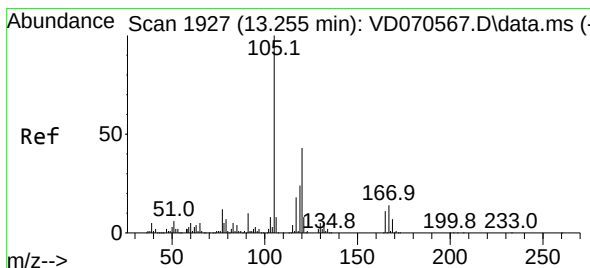
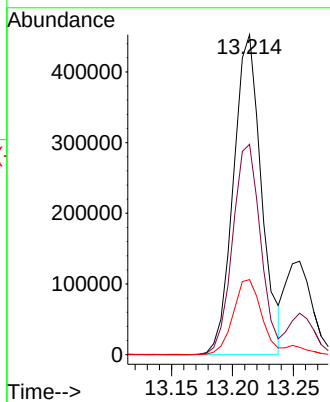
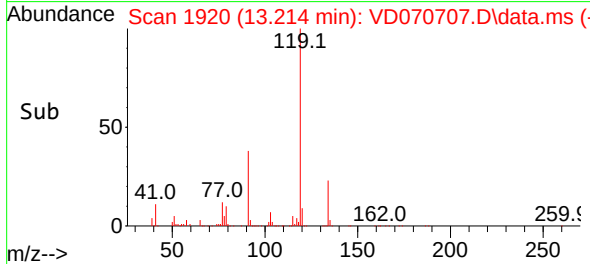




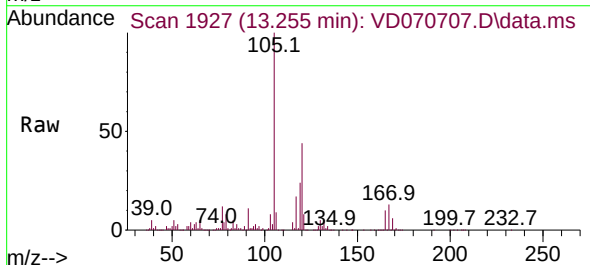
#83
tert-Butylbenzene
Concen: 52.394 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



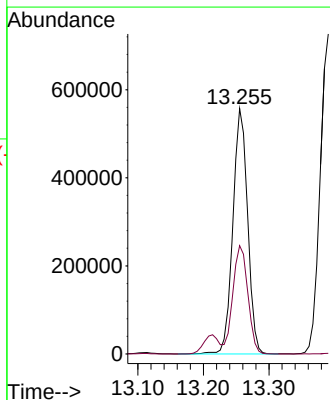
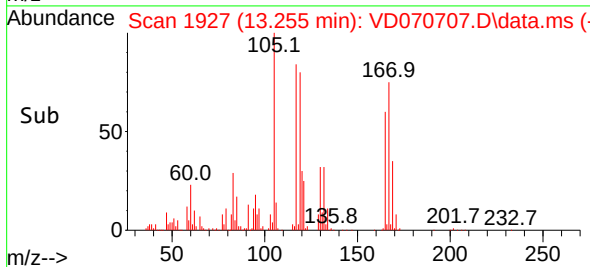
Tgt Ion:119 Resp: 723498
Ion Ratio Lower Upper
119 100
91 65.6 33.1 99.3
134 24.1 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 52.490 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



Tgt Ion:105 Resp: 872599
Ion Ratio Lower Upper
105 100
120 45.3 21.9 65.8

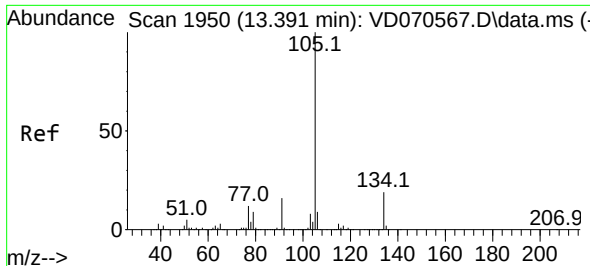


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#85
 sec-Butylbenzene
 Concen: 52.405 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070707.D
 Acq: 13 Oct 2021 19:40

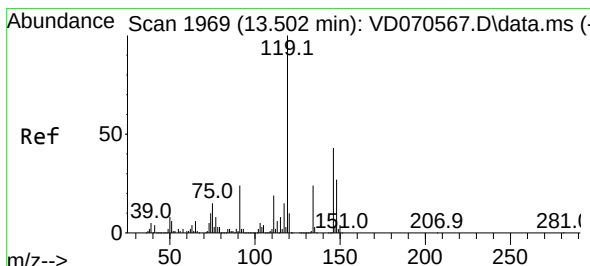
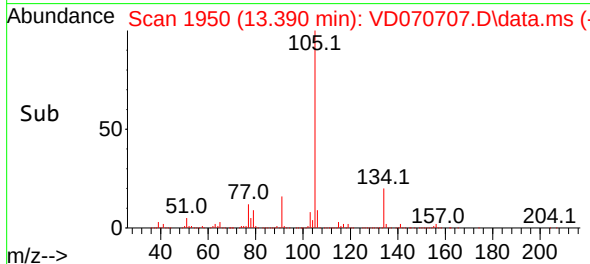
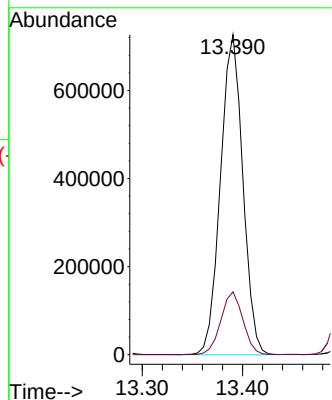
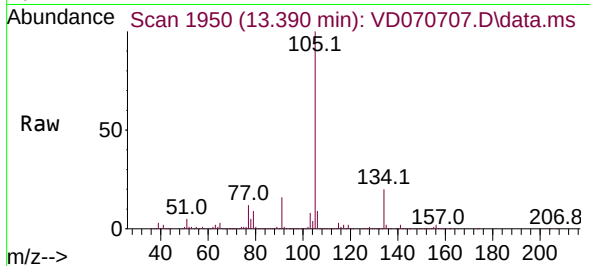
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1121790
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.3 28.0

Manual Integrations
 APPROVED

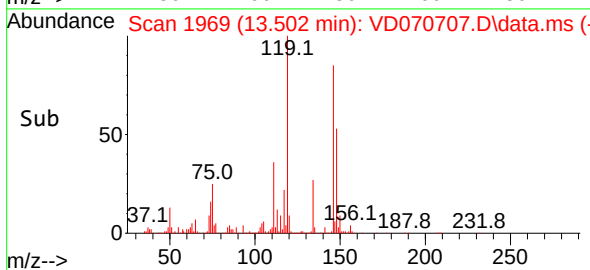
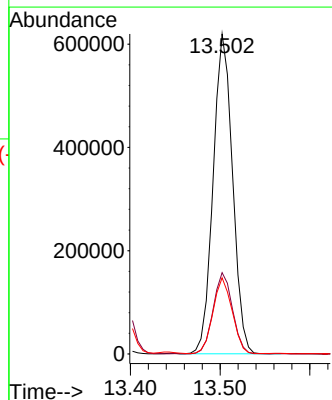
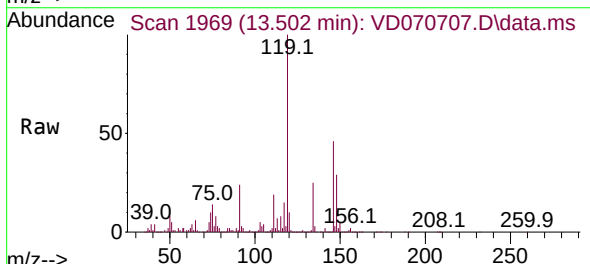
anatel

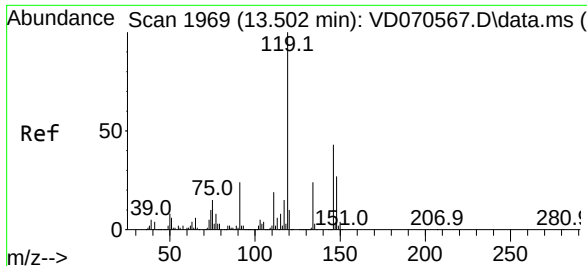
10/19/2021 12:37:53 PM



#86
 p-Isopropyltoluene
 Concen: 53.132 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD070707.D
 Acq: 13 Oct 2021 19:40

Tgt Ion:119 Resp: 928985
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.5 37.5
 91 23.3 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 50.342 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

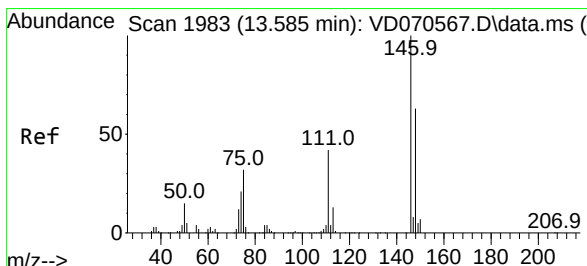
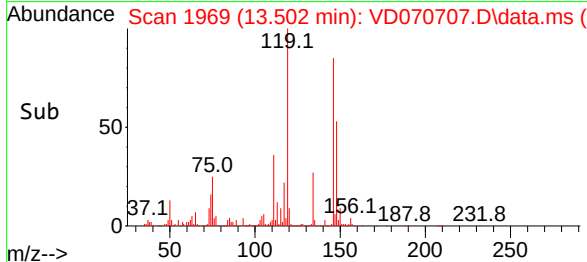
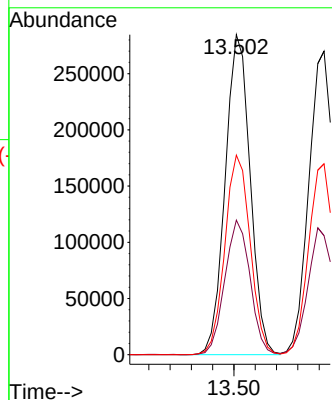
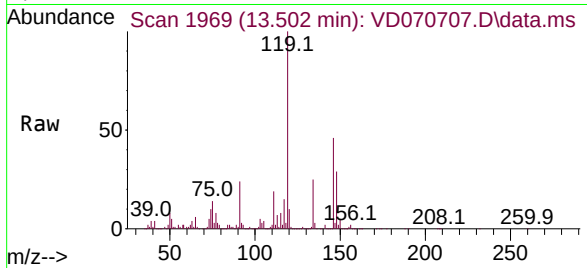
Tgt Ion:146 Resp: 463003
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 63.4 31.8 95.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

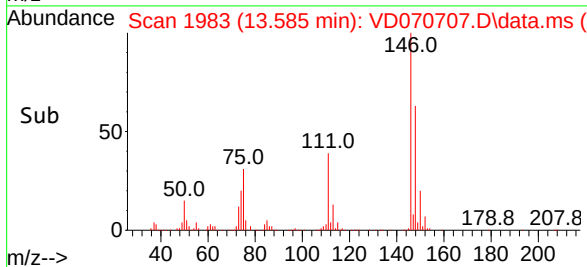
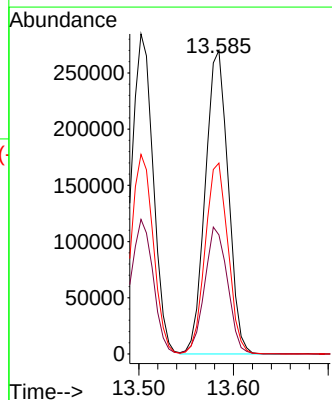
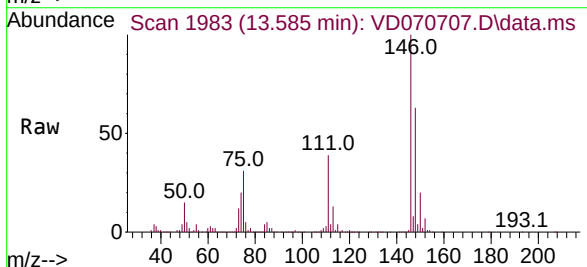
anatel

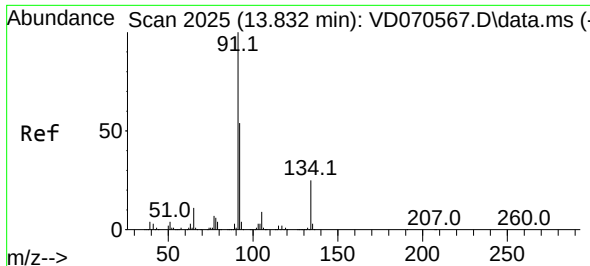
10/19/2021 12:37:53 PM



#88
1,4-Dichlorobenzene
Concen: 49.682 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:146 Resp: 453015
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.4
148 62.9 31.6 94.8





#89
n-Butylbenzene
Concen: 50.704 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

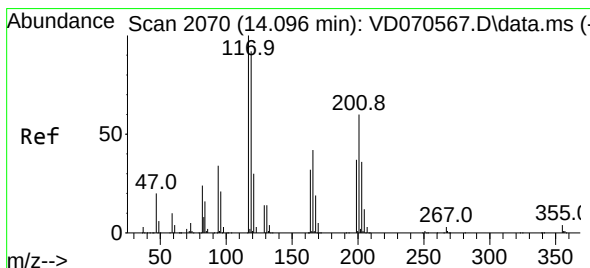
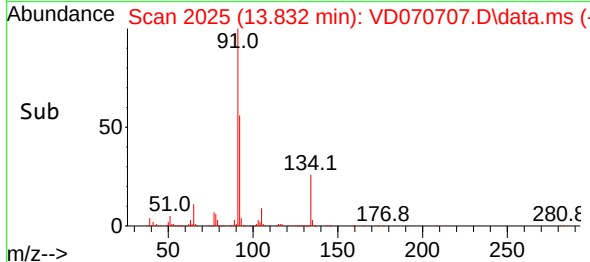
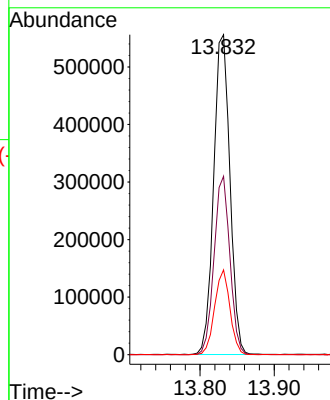
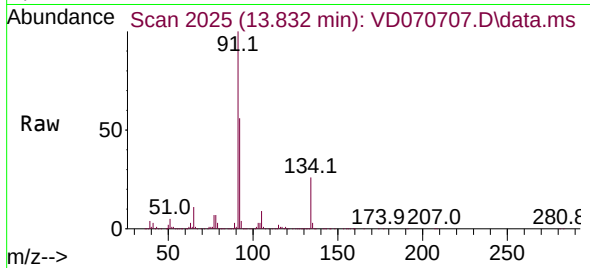
Tgt Ion: 91 Resp: 846311
Ion Ratio Lower Upper
91 100
92 54.4 26.8 80.4
134 25.0 12.2 36.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

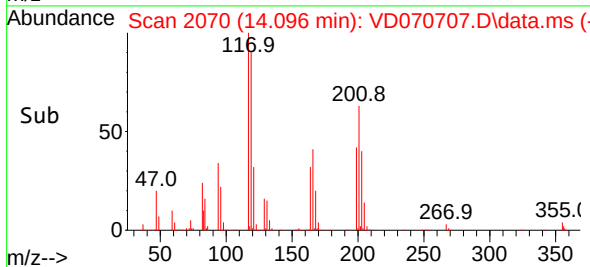
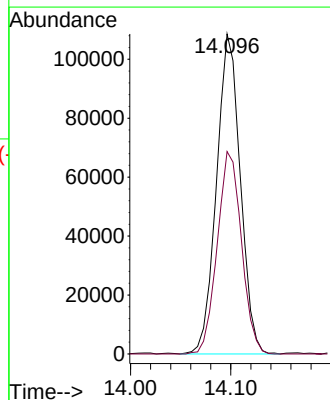
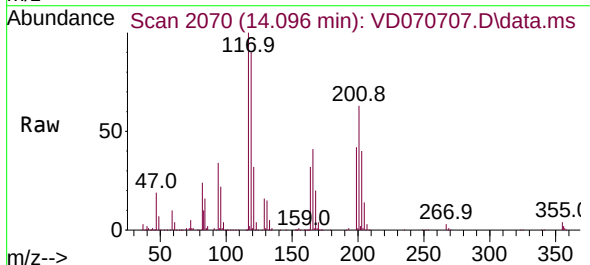
anatel

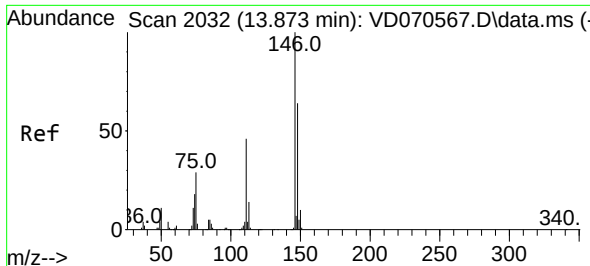
10/19/2021 12:37:53 PM



#90
Hexachloroethane
Concen: 47.338 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 117 Resp: 178948
Ion Ratio Lower Upper
117 100
201 64.3 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.490 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

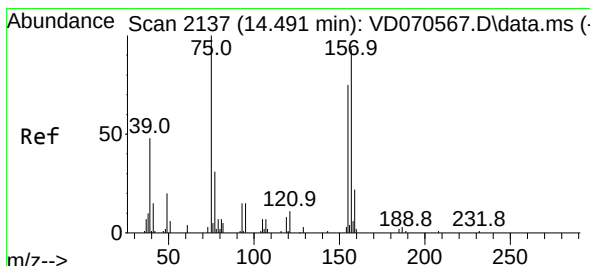
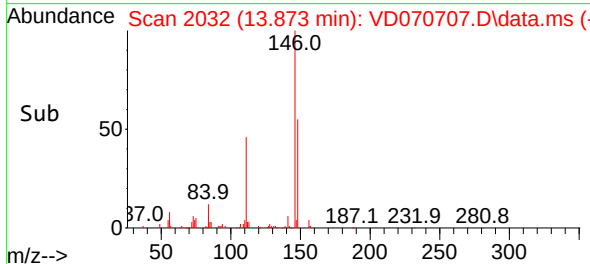
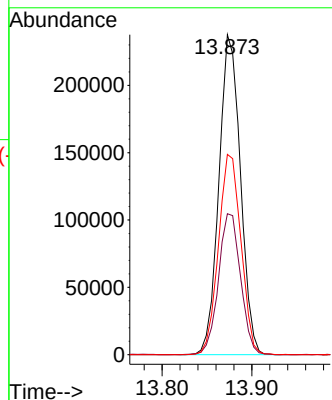
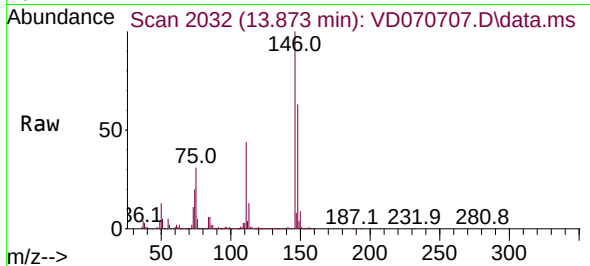
Tgt Ion: 146 Resp: 395971
Ion Ratio Lower Upper
146 100
111 45.2 22.8 68.4
148 65.3 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

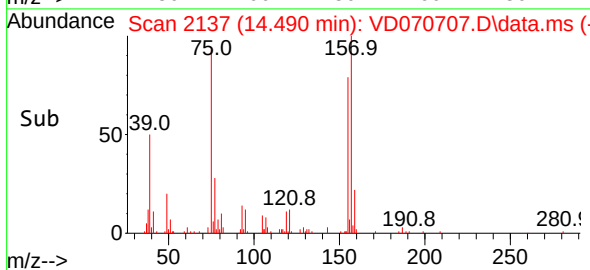
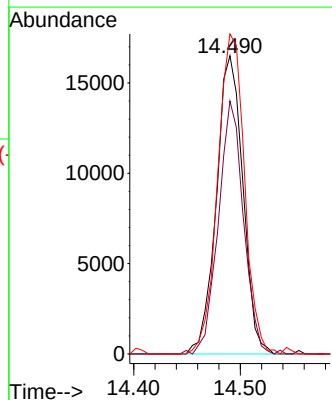
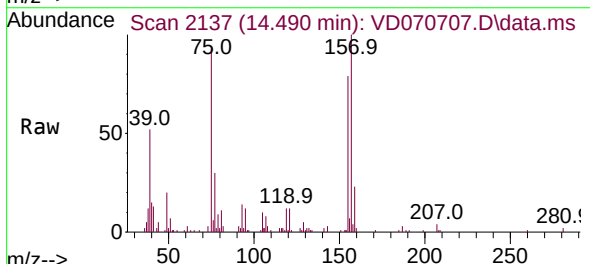
anatel

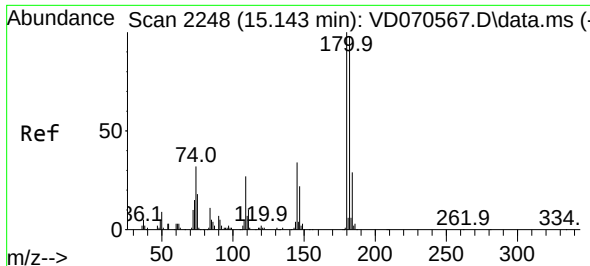
10/19/2021 12:37:53 PM



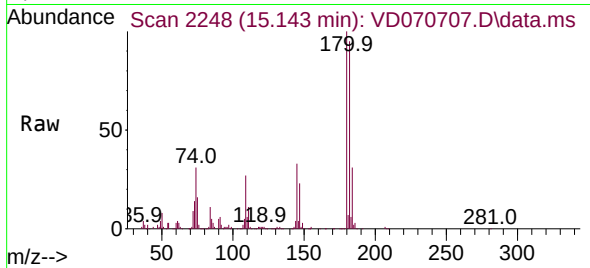
#92
1,2-Dibromo-3-Chloropropane
Concen: 51.483 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion: 75 Resp: 28470
Ion Ratio Lower Upper
75 100
155 80.2 38.1 114.5
157 108.7 47.6 142.9

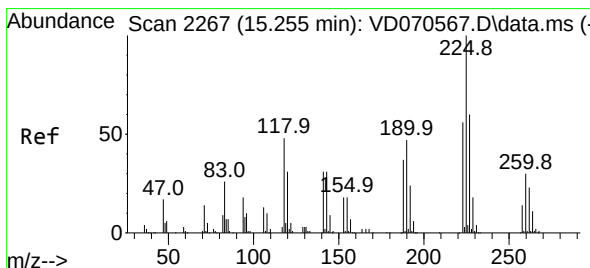
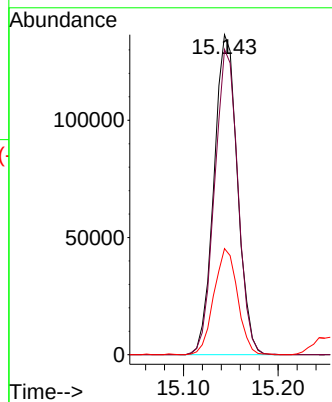
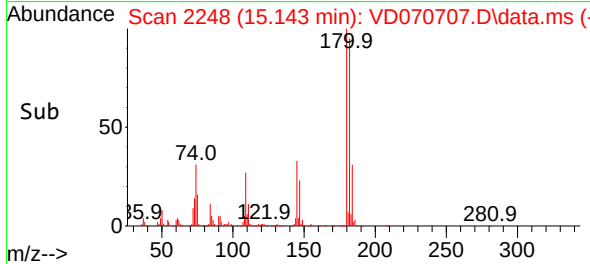




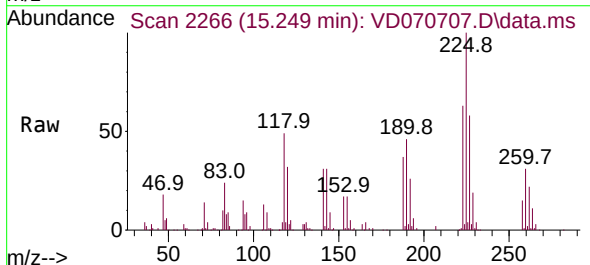
#93
1,2,4-Trichlorobenzene
Concen: 55.668 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



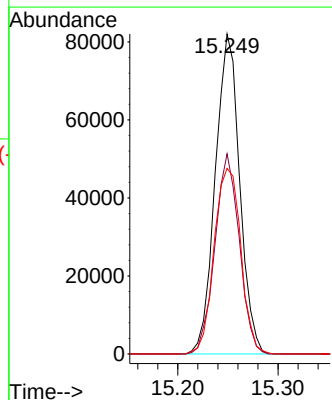
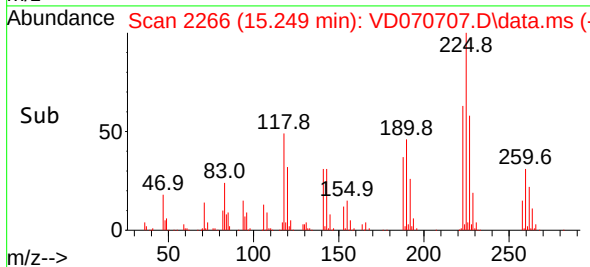
Tgt Ion:180 Resp: 235029
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 33.4 16.9 50.7



#94
Hexachlorobutadiene
Concen: 51.962 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40



Tgt Ion:225 Resp: 138631
Ion Ratio Lower Upper
225 100
223 62.2 31.2 93.6
227 63.5 32.2 96.6

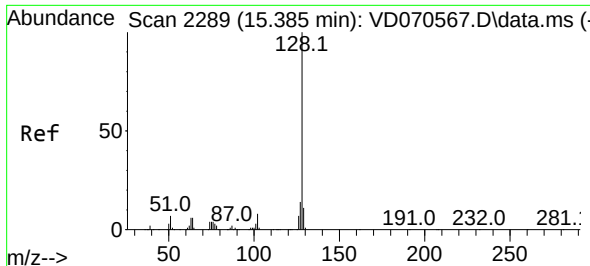


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#95
Naphthalene
Concen: 53.023 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

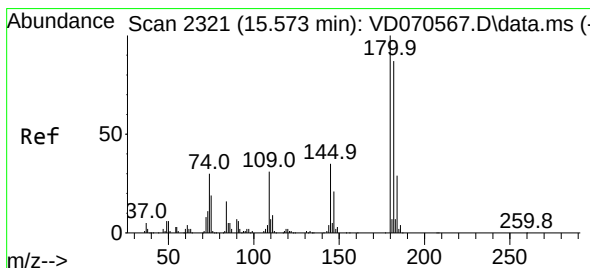
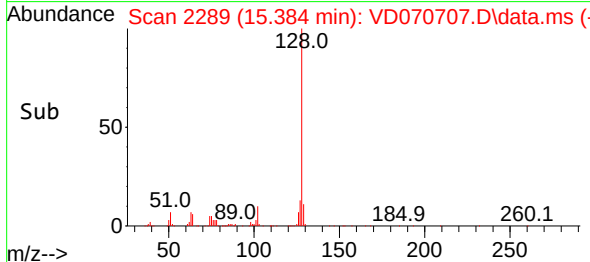
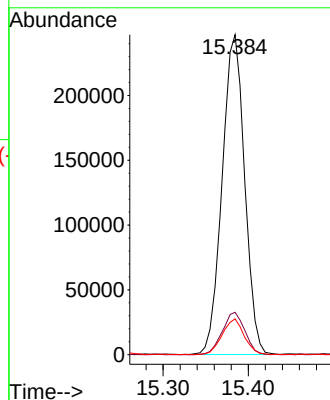
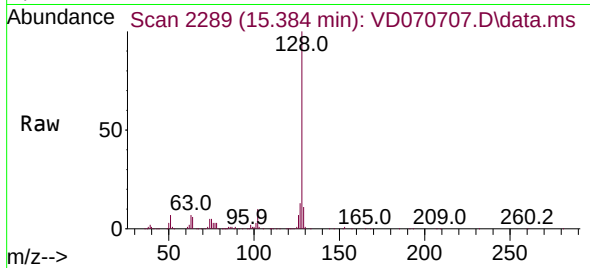
Tgt Ion:128 Resp: 453186
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 11.0 8.6 12.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

anatel

10/19/2021 12:37:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.267 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD070707.D
Acq: 13 Oct 2021 19:40

Tgt Ion:180 Resp: 205531
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.5
145 35.0 17.1 51.3

