

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019744.D
 Acq On : 05 Dec 2020 01:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:53:27 AM

Quant Time: Dec 05 06:52:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	332102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	550001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	509722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	258040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	214356	49.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.22%
35) Dibromofluoromethane	5.46	113	174607	49.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.24%
50) Toluene-d8	8.70	98	680311	50.13	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.26%
62) 4-Bromofluorobenzene	11.12	95	255829	49.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.06%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	156912	51.607	ug/l 100
3) Chloromethane	1.31	50	160336	44.839	ug/l 99
4) Vinyl Chloride	1.39	62	194997	51.718	ug/l 98
5) Bromomethane	1.62	94	59549	47.566	ug/l 98
6) Chloroethane	1.70	64	122023	53.875	ug/l 100
7) Trichlorofluoromethane	1.91	101	264758	50.422	ug/l 98
8) Diethyl Ether	2.17	74	112107	50.382	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	157378	52.290	ug/l 99
10) Methyl Iodide	2.49	142	216391	48.777	ug/l 99
11) Tert butyl alcohol	3.01	59	233086	259.857	ug/l 100
12) 1,1-Dichloroethene	2.36	96	161868	53.198	ug/l 99
13) Acrolein	2.27	56	123504	256.344	ug/l 99
14) Allyl chloride	2.70	41	253697	49.367	ug/l 100
15) Acrylonitrile	3.11	53	506624	256.752	ug/l 99
16) Acetone	2.42	43	400218	243.944	ug/l 99
17) Carbon Disulfide	2.55	76	427502	48.965	ug/l 100
18) Methyl Acetate	2.75	43	211250	52.619	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	578047	52.164	ug/l 100
20) Methylene Chloride	2.83	84	199504	53.361	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	180538	50.893	ug/l 98
22) Diisopropyl ether	3.82	45	537684	51.749	ug/l 94
23) Vinyl Acetate	3.78	43	2316593	261.702	ug/l 99
24) 1,1-Dichloroethane	3.67	63	319023	50.916	ug/l 99
25) 2-Butanone	4.63	43	647242	256.743	ug/l 98
26) 2,2-Dichloropropane	4.55	77	230033	42.632	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	210891	50.800	ug/l 97
28) Bromochloromethane	4.98	49	151061	50.575	ug/l 100
29) Tetrahydrofuran	5.09	42	423106	260.496	ug/l 100
30) Chloroform	5.17	83	330752	51.339	ug/l 100
31) Cyclohexane	5.54	56	277231	51.061	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	288324	51.968	ug/l 100
36) 1,1-Dichloropropene	5.77	75	243626	49.019	ug/l 100
37) Ethyl Acetate	4.79	43	252754	50.369	ug/l 99
38) Carbon Tetrachloride	5.75	117	247489	50.852	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	285582	48.908	ug/l	99
40) Benzene	6.11	78	758754	49.978	ug/l	99
41) Methacrylonitrile	5.00	41	137104	49.763	ug/l	98
42) 1,2-Dichloroethane	6.16	62	260849	50.288	ug/l	100
43) Isopropyl Acetate	6.41	43	410287	50.291	ug/l	100
44) Trichloroethene	7.18	130	196606	49.357	ug/l	99
45) 1,2-Dichloropropane	7.49	63	190164	50.117	ug/l	97
46) Dibromomethane	7.63	93	131311	51.246	ug/l	99
47) Bromodichloromethane	7.87	83	259651	51.066	ug/l	100
48) Methyl methacrylate	7.74	41	205889	51.314	ug/l	99
49) 1,4-Dioxane	7.71	88	101553	1044.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1291486	259.287	ug/l	100
52) Toluene	8.76	92	477858	50.326	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	284401	50.405	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	308490	50.326	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	194920	50.940	ug/l	99
56) Ethyl methacrylate	9.16	69	304668	52.626	ug/l	100
57) 1,3-Dichloropropane	9.35	76	328251	50.239	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	781871	254.933	ug/l	100
59) 2-Hexanone	9.47	43	996498	258.102	ug/l	100
60) Dibromochloromethane	9.56	129	202722	52.145	ug/l	98
61) 1,2-Dibromoethane	9.65	107	204557	50.343	ug/l	100
64) Tetrachloroethene	9.32	164	167026	48.862	ug/l	96
65) Chlorobenzene	10.12	112	502966	49.528	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	189117	51.741	ug/l	100
67) Ethyl Benzene	10.23	91	915120	50.767	ug/l	99
68) m/p-Xylenes	10.34	106	684976	100.845	ug/l	99
69) o-Xylene	10.68	106	331462	50.730	ug/l	100
70) Styrene	10.70	104	570846	51.761	ug/l	99
71) Bromoform	10.84	173	150248	52.253	ug/l #	97
73) Isopropylbenzene	11.00	105	889036	50.430	ug/l	100
74) N-amyl acetate	10.88	43	364456	51.588	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	315270	50.724	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	290993m	50.280	ug/l	
77) Bromobenzene	11.24	156	222947	49.417	ug/l	99
78) n-propylbenzene	11.34	91	1022151	50.764	ug/l	100
79) 2-Chlorotoluene	11.40	91	612830	49.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	749586	50.380	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	98745	49.323	ug/l	99
82) 4-Chlorotoluene	11.49	91	722166	49.729	ug/l	100
83) tert-Butylbenzene	11.76	119	739249	50.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	762059	50.847	ug/l	100
85) sec-Butylbenzene	11.93	105	838469	50.328	ug/l	100
86) p-Isopropyltoluene	12.05	119	767969	50.297	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	403973	48.787	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	415336	49.248	ug/l	100
89) n-Butylbenzene	12.37	91	668625	49.427	ug/l	100
90) Hexachloroethane	12.58	117	134584	51.055	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	400130	49.571	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	69726	52.184	ug/l	96

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QLast Update : Fri Dec 04 15:32:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	259513	49.390	ug/l	99
94) Hexachlorobutadiene	13.76	225	106546	45.368	ug/l	96
95) Naphthalene	13.82	128	911584	53.513	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	254083	49.480	ug/l	98

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

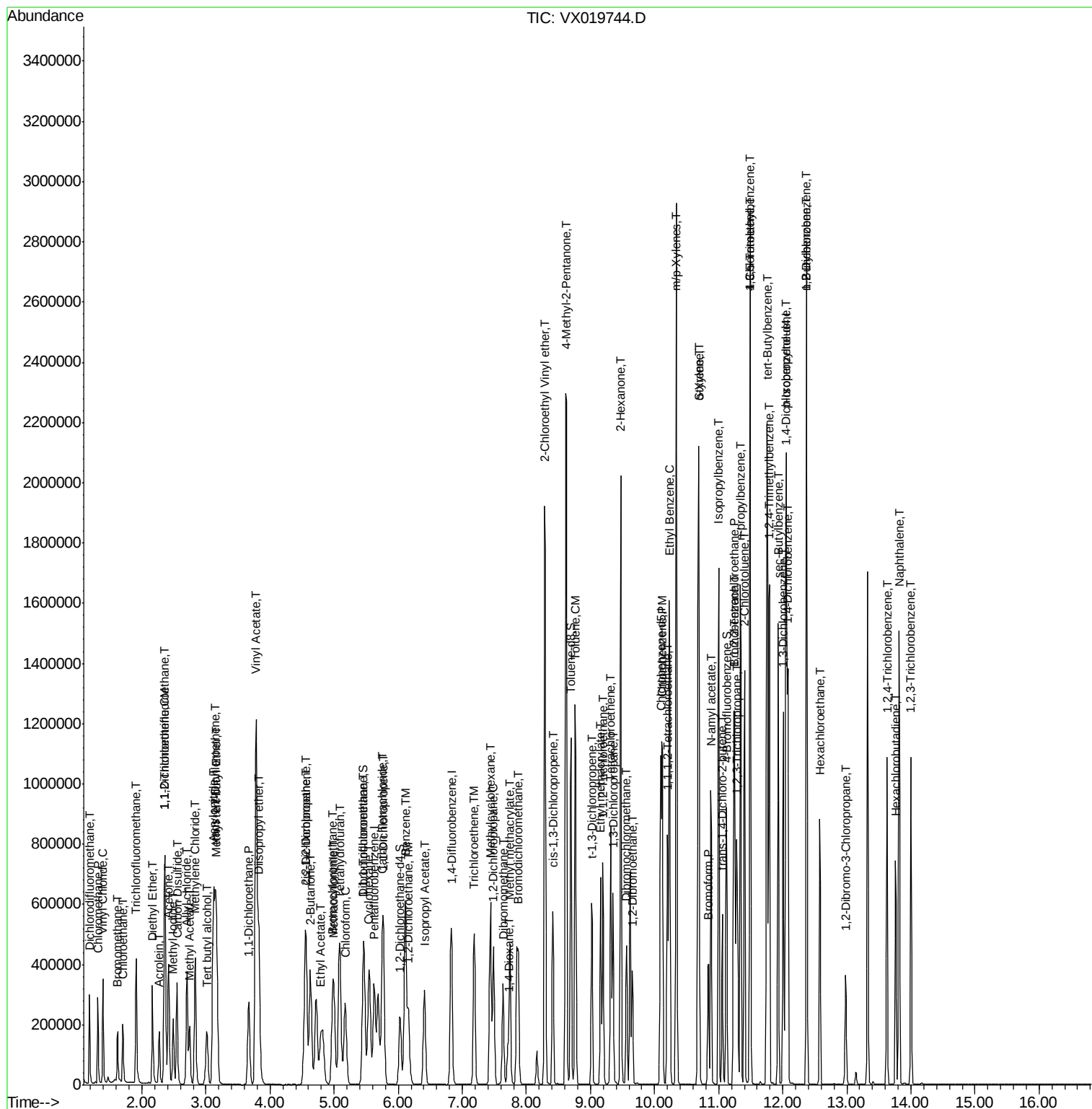
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Data File : VX019744.D
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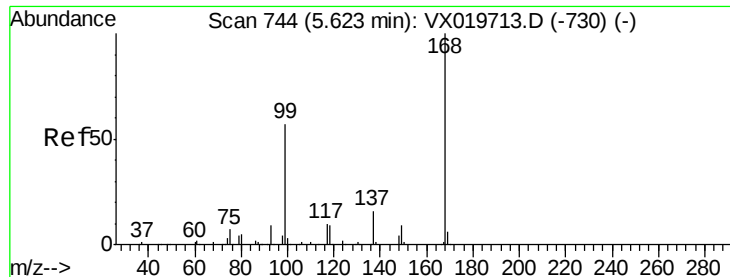
Instrument :
MSVOA_X
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VSTDCCC050EC

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#1

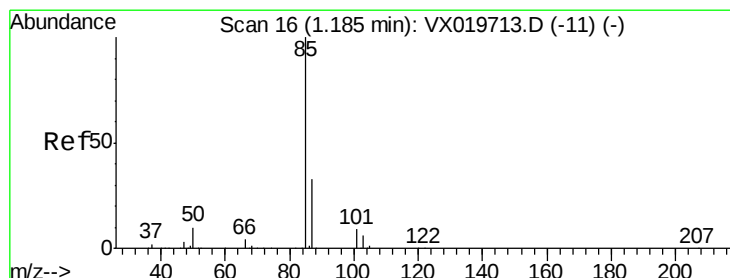
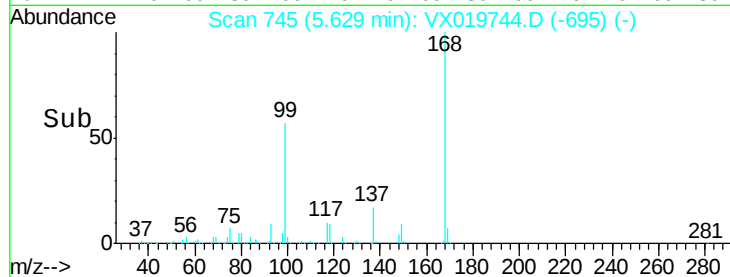
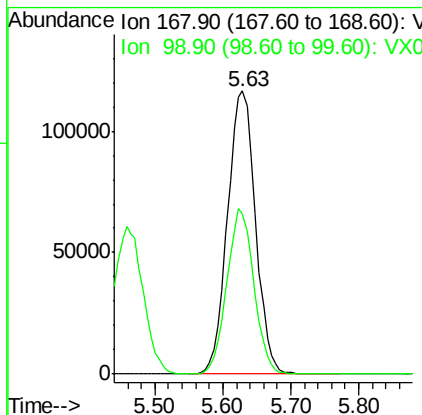
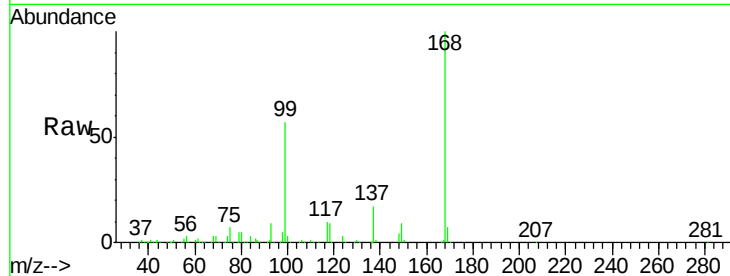
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.8	68.6

Manual Integrations
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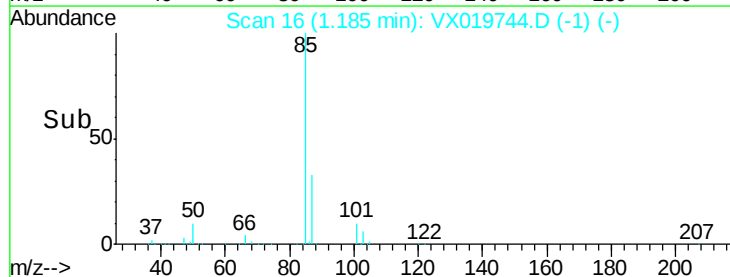
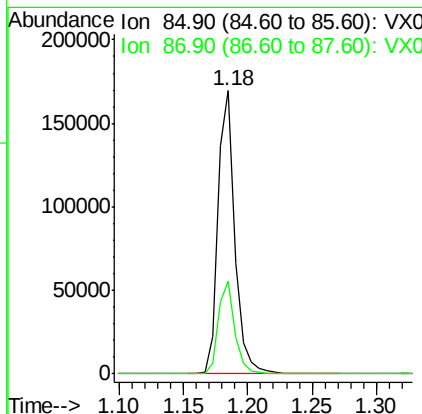
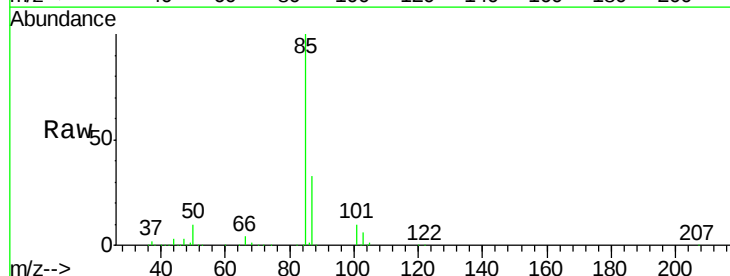
MMDadoda
 12/7/2020 10:53:27 AM

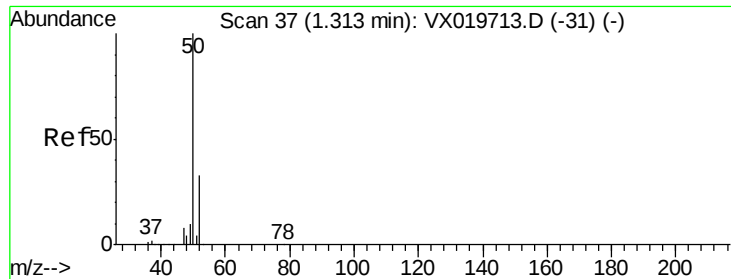


#2

Dichlorodifluoromethane
 Concen: 51.607 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.4	49.2





#3

Chloromethane

Concen: 44.839 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 160336

Ion Ratio Lower Upper

50 100

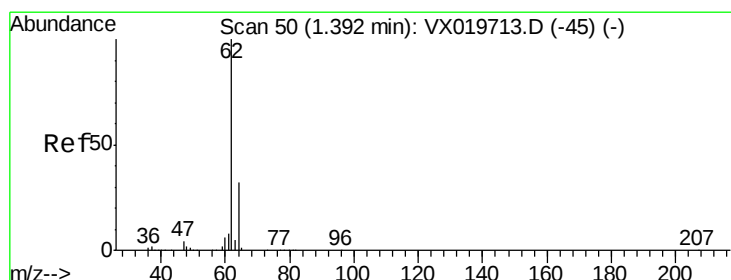
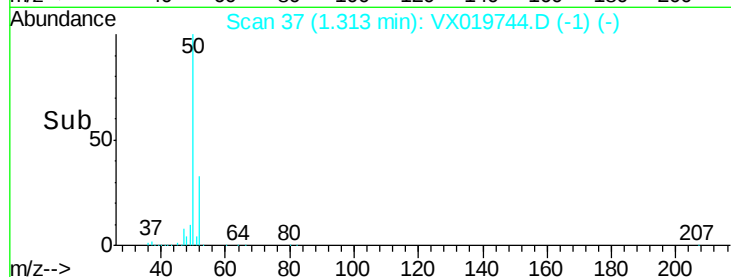
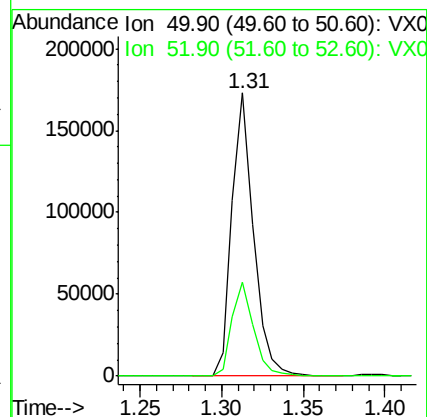
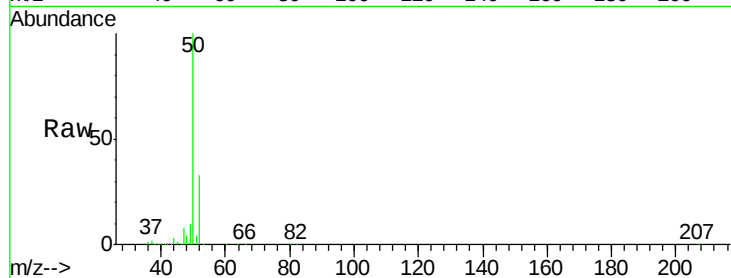
52 33.3 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.718 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019744.D

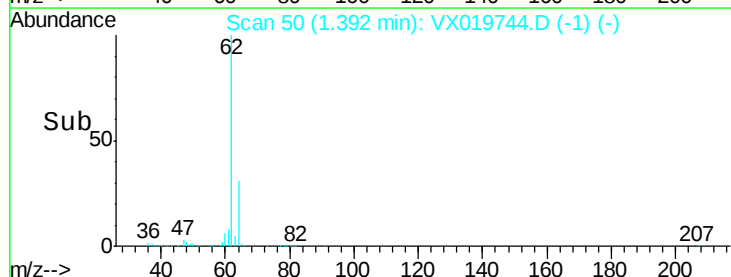
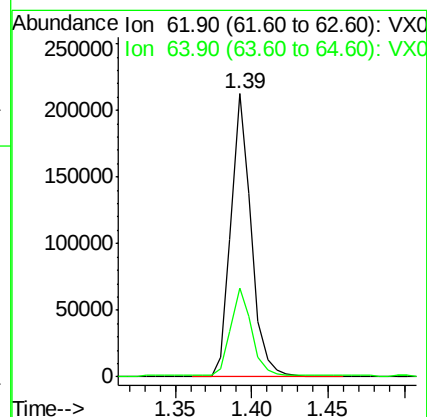
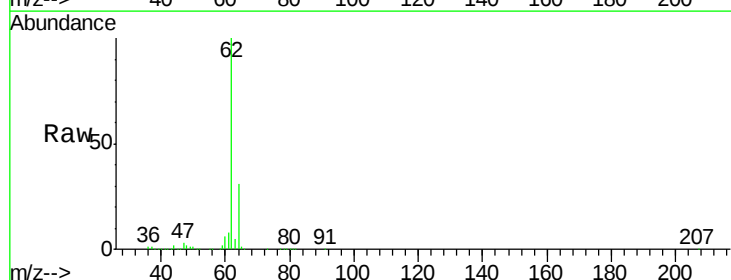
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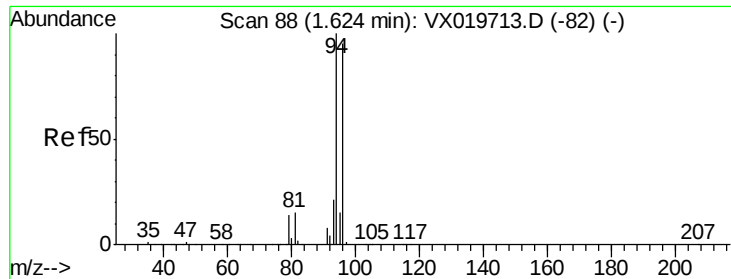
Tgt Ion: 62 Resp: 194997

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5





#5

Bromomethane

Concen: 47.566 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59549

Ion Ratio Lower Upper

94 100

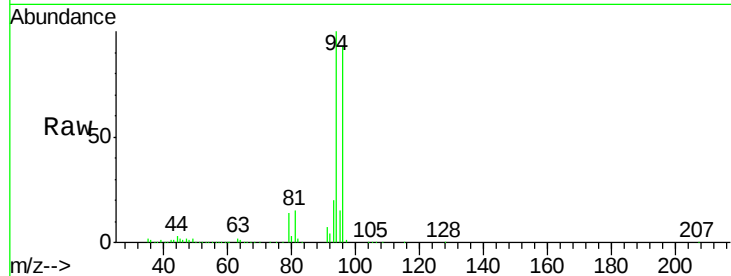
96 93.1 76.4 114.6

Manual Integrations

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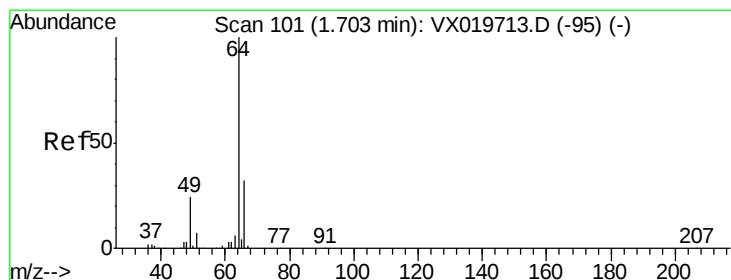
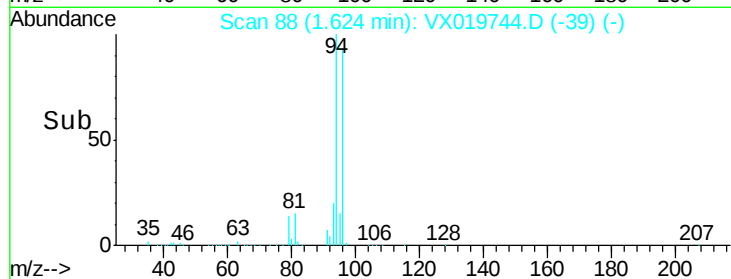
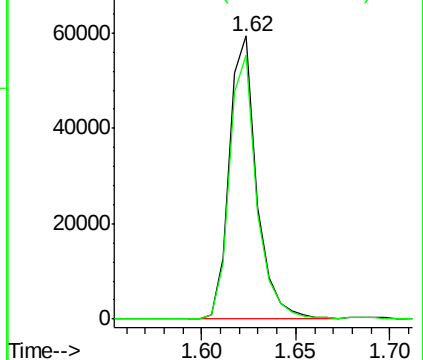
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.875 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019744.D

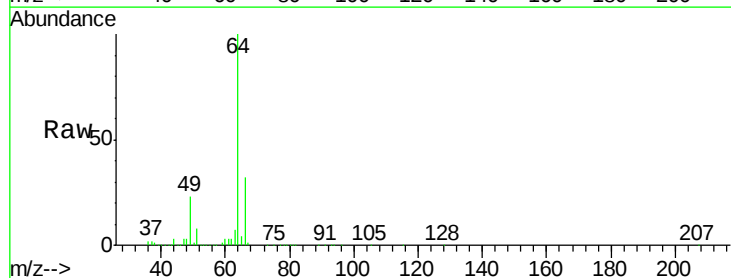
Acq: 05 Dec 2020 01:53

Tgt Ion: 64 Resp: 122023

Ion Ratio Lower Upper

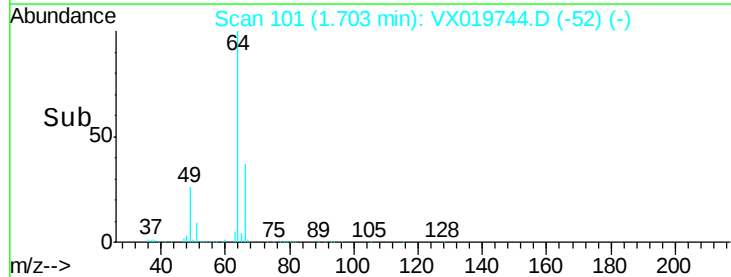
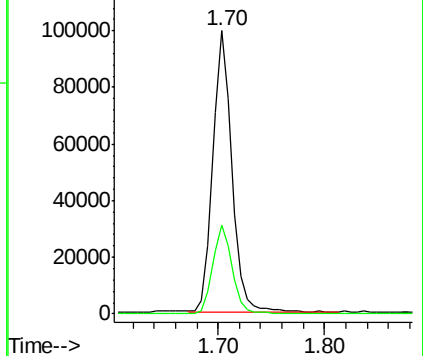
64 100

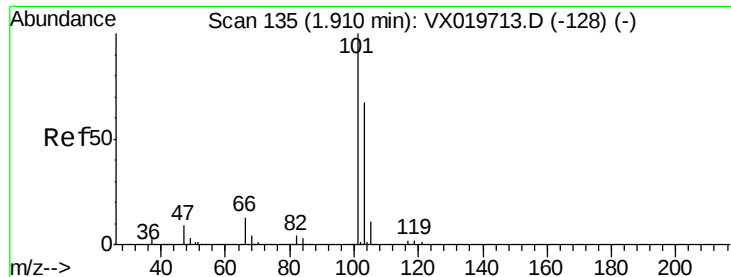
66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

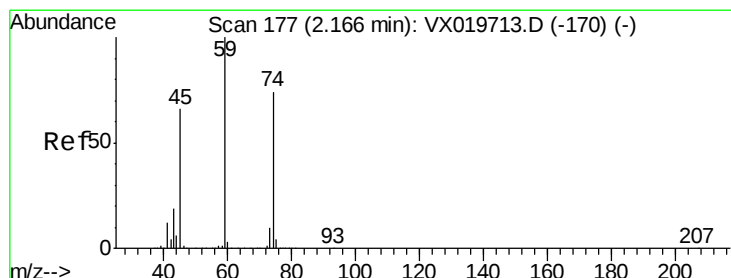
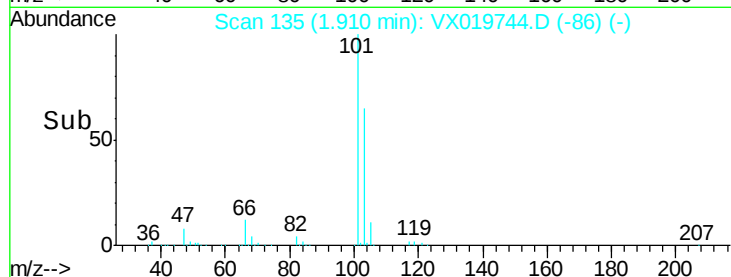
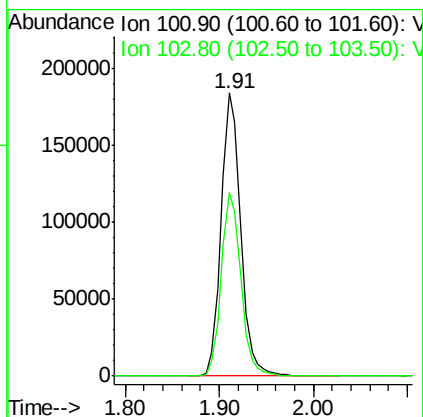
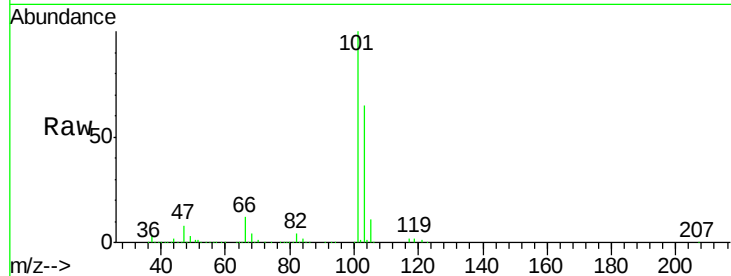
Trichlorofluoromethane
Concen: 50.422 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.2	79.8

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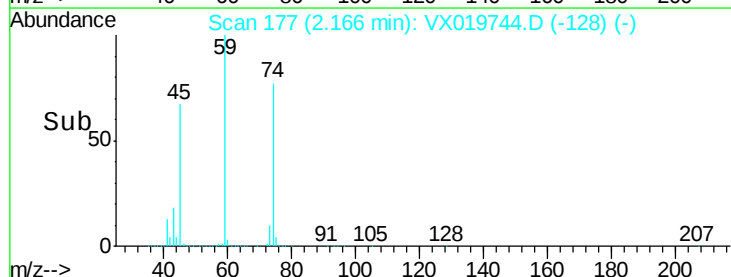
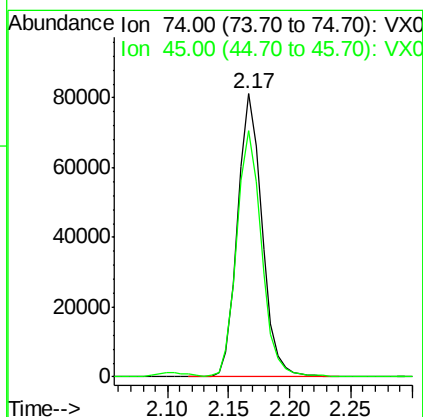
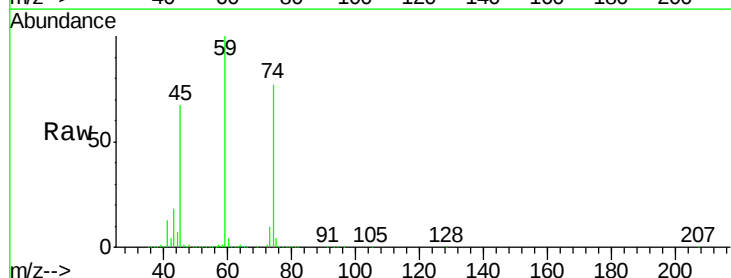
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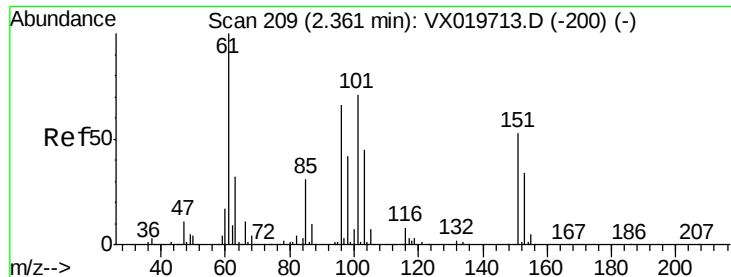


#8

Diethyl Ether
Concen: 50.382 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.7	44.5	133.5





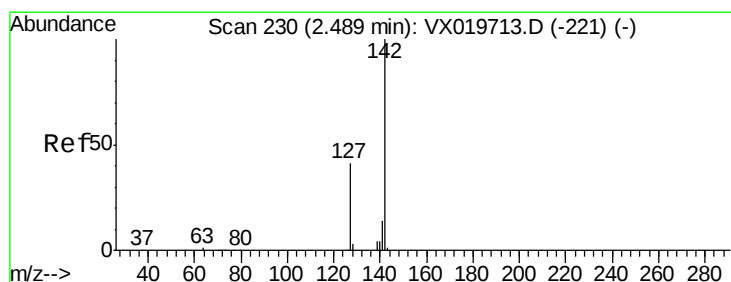
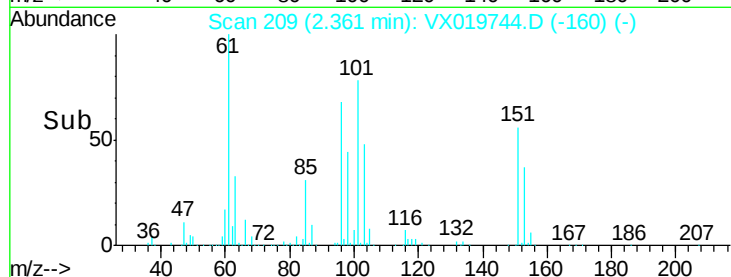
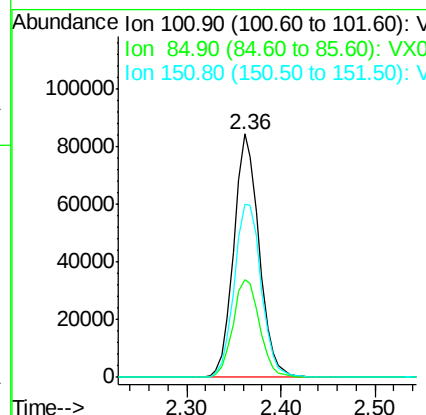
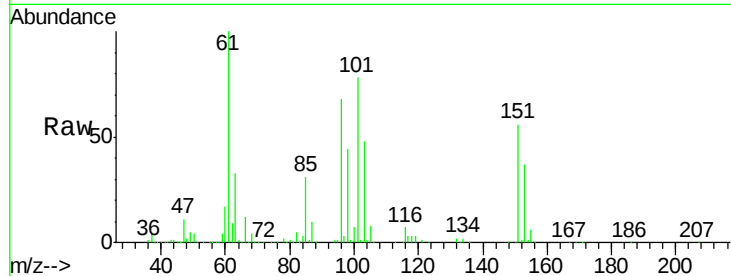
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.290 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	157378		
85	42.1	34.9	52.3	
151	76.1	61.4	92.2	

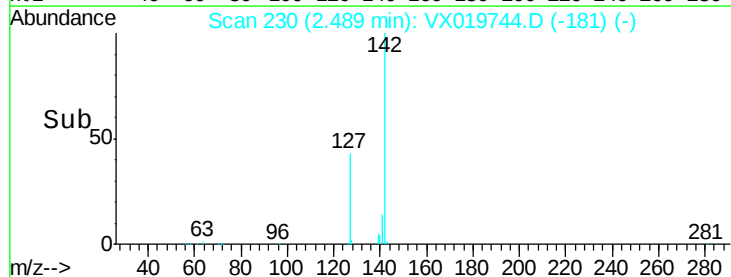
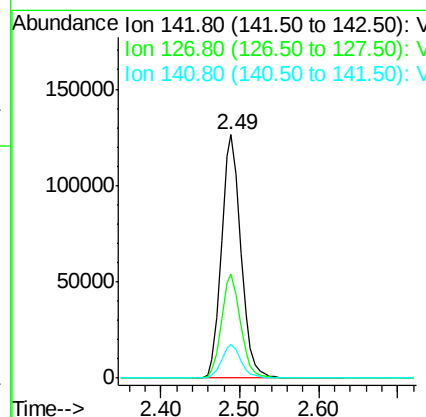
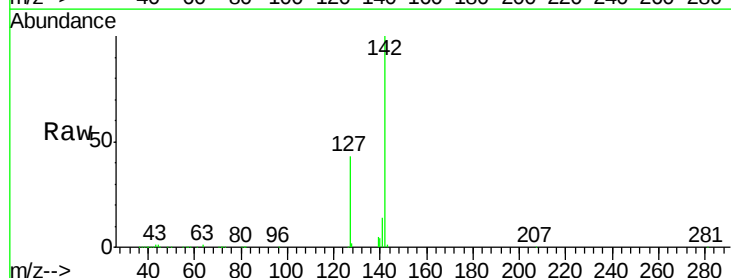
Manual Integrations
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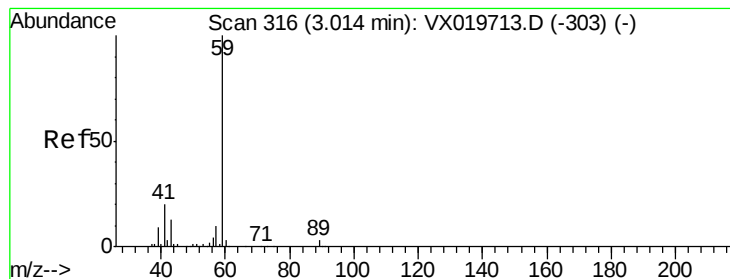
MMDadoda
12/7/2020 10:53:27 AM



#10
Methyl Iodide
Concen: 48.777 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	216391		
127	42.0	33.3	49.9	
141	13.7	11.4	17.0	





#11

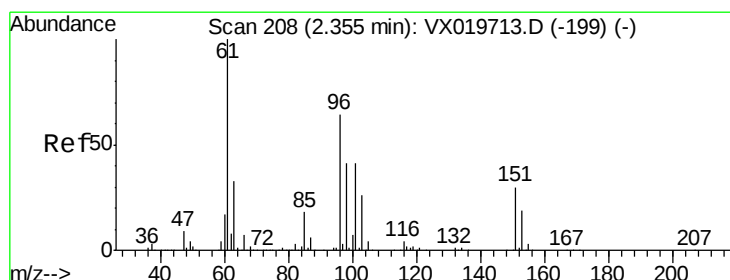
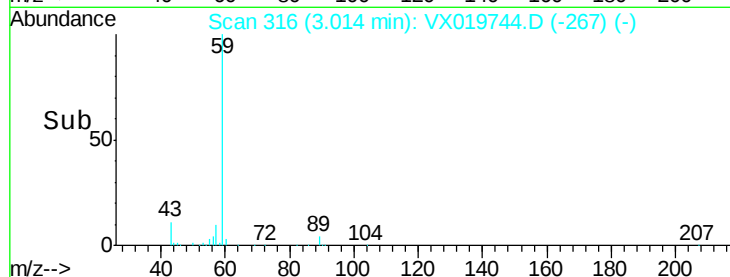
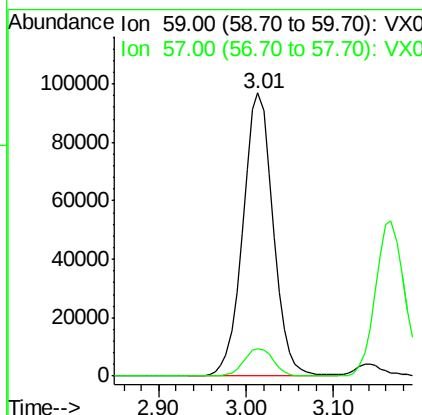
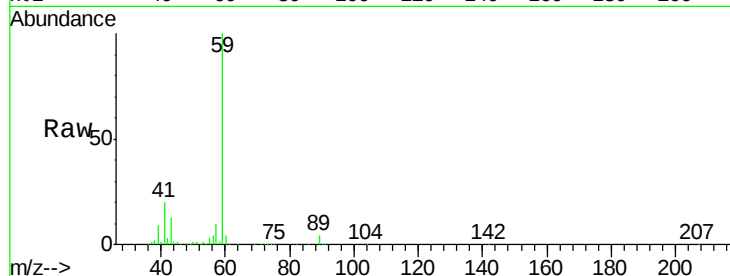
Tert butyl alcohol
Concen: 259.857 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.8

Manual Integrations
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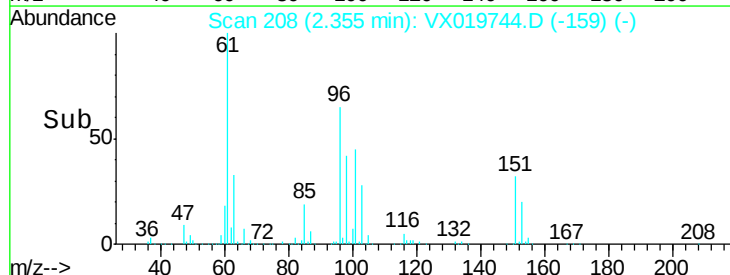
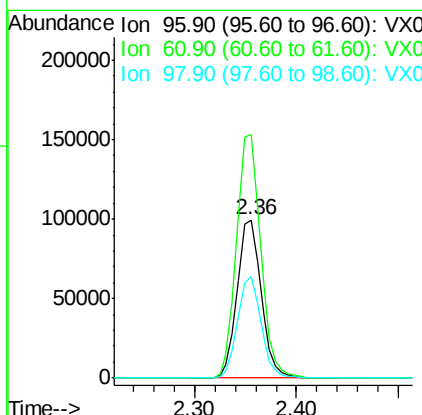
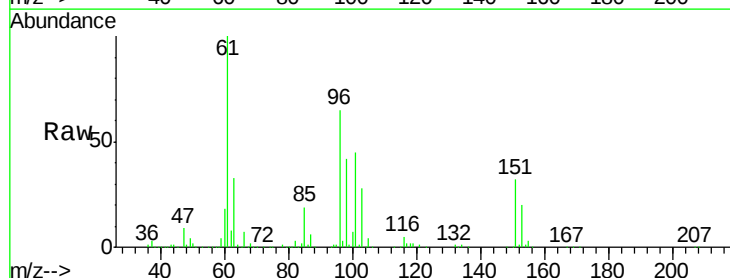
MMDadoda
12/7/2020 10:53:27 AM

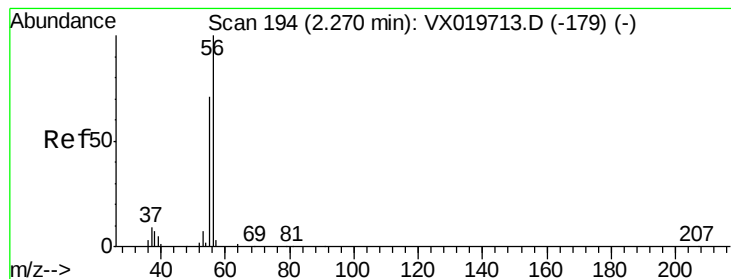


#12

1,1-Dichloroethene
Concen: 53.198 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.6	124.6	187.0
98	64.1	50.6	76.0





#13

Acrolein

Concen: 256.344 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 123504

Ion Ratio Lower Upper

56 100

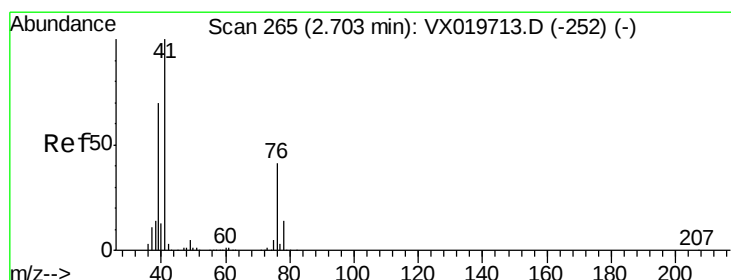
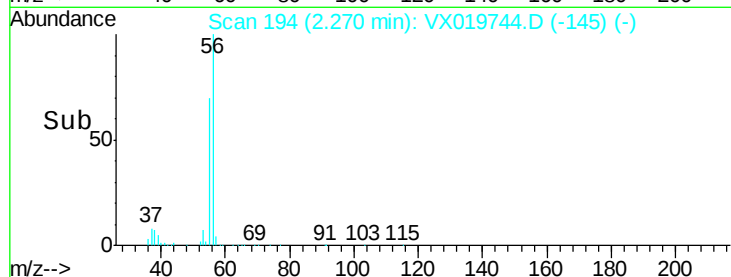
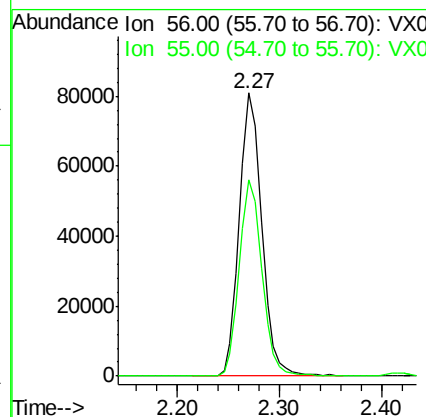
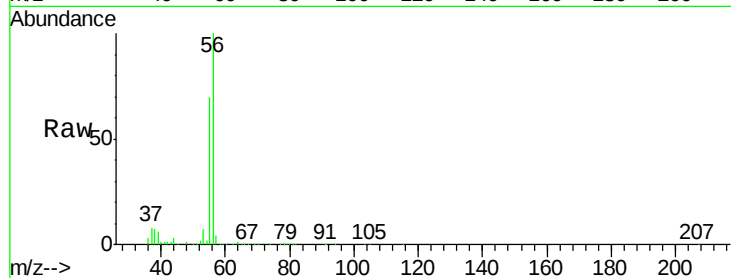
55 69.3 56.4 84.6

Manual Integrations

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MMDadoda

12/7/2020 10:53:27 AM



#14

Allyl chloride

Concen: 49.367 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

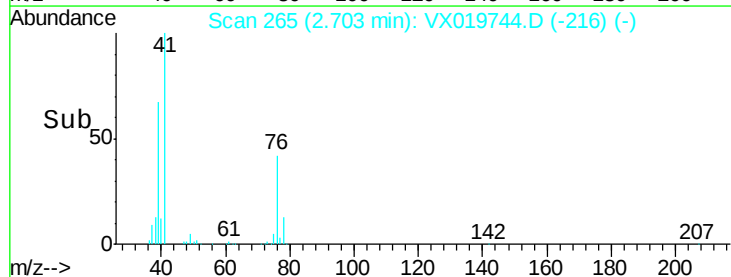
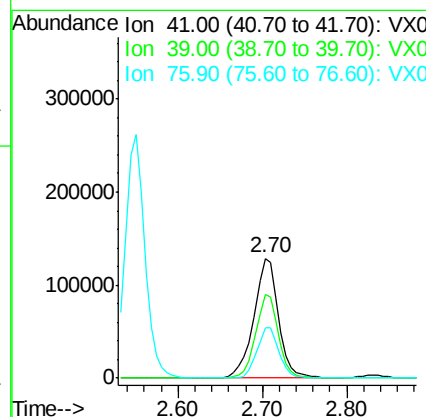
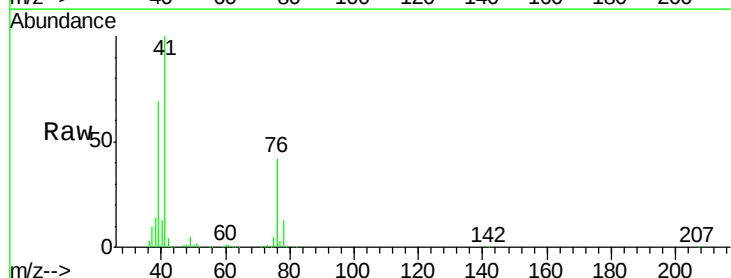
Tgt Ion: 41 Resp: 253697

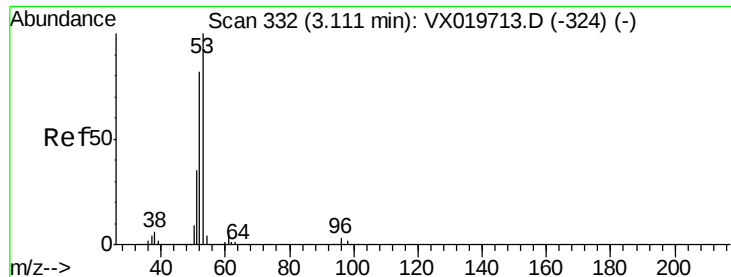
Ion Ratio Lower Upper

41 100

39 64.2 51.6 77.4

76 37.7 30.5 45.7





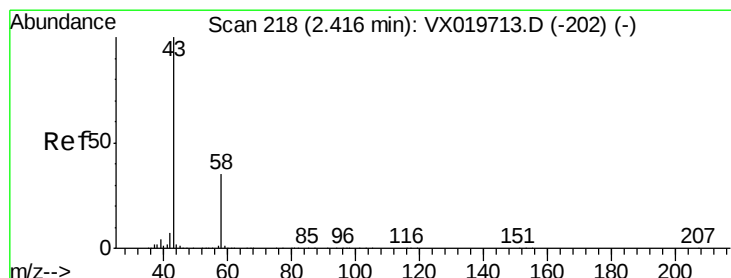
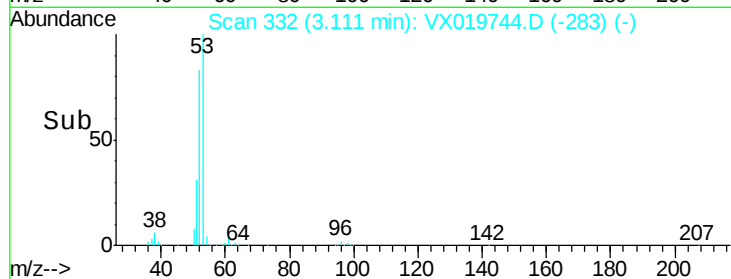
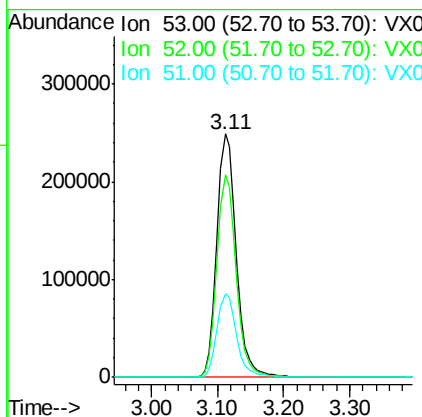
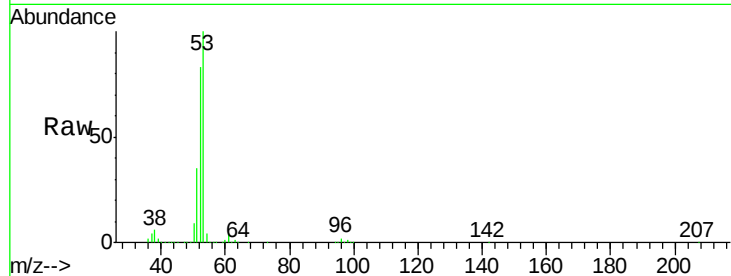
#15
 Acrylonitrile
 Concen: 256.752 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	506624
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.3	97.9
51	35.1	28.2	42.2

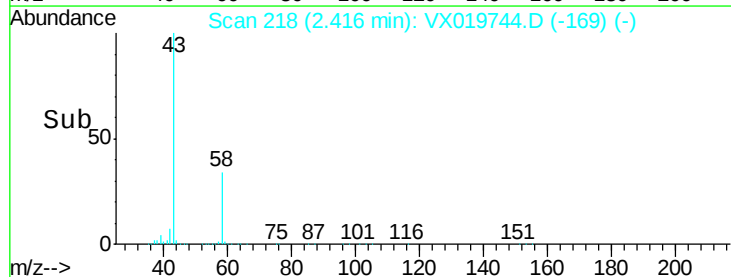
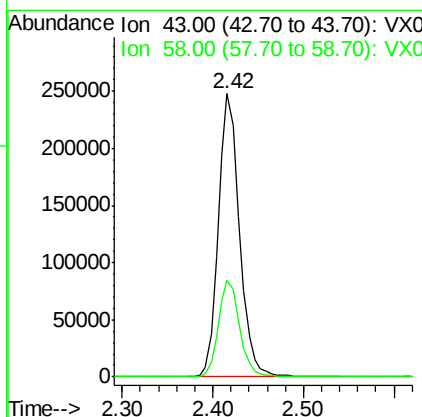
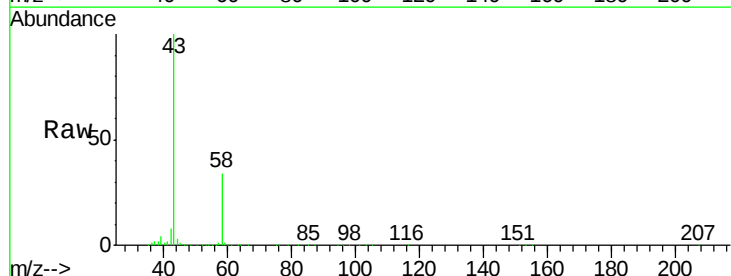
Manual Integrations
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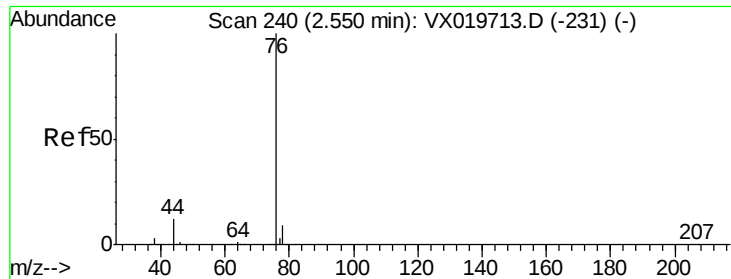
MMDadoda
 12/7/2020 10:53:27 AM



#16
 Acetone
 Concen: 243.944 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Tgt Ion:	43	Resp:	400218
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.8	41.8





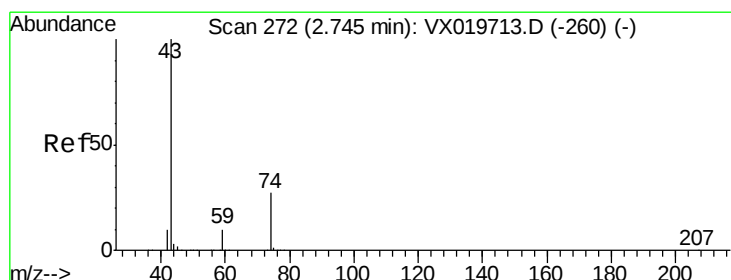
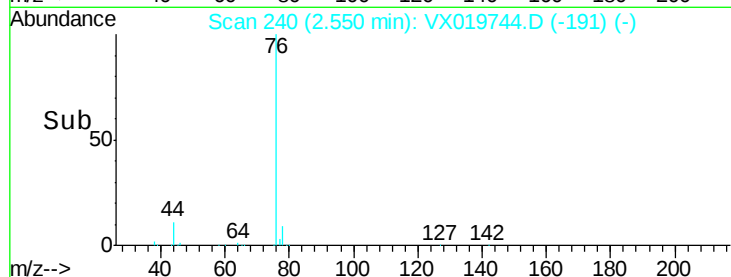
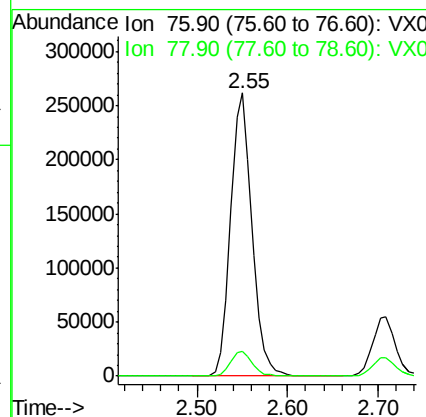
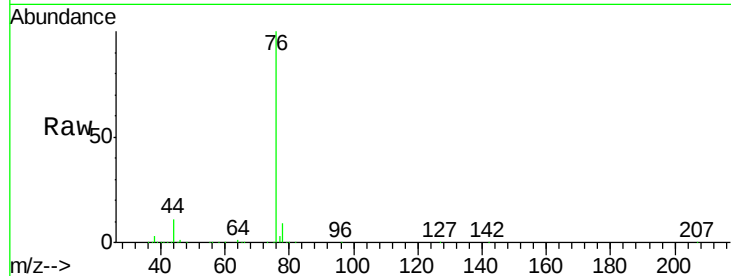
#17
Carbon Disulfide
Concen: 48.965 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

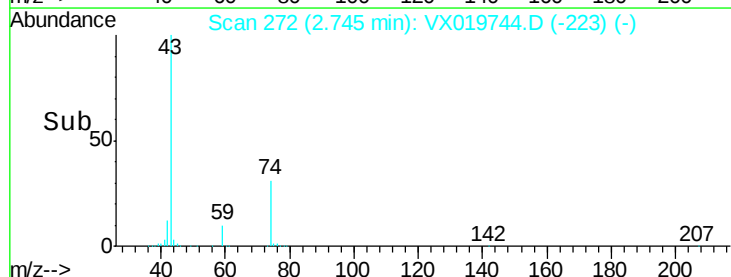
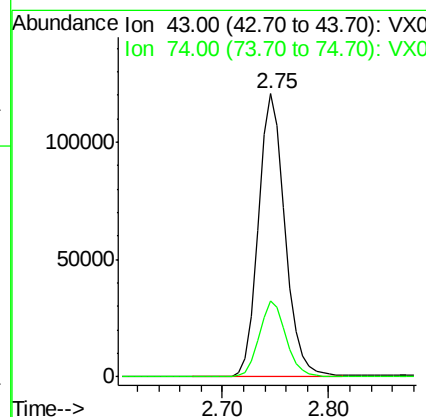
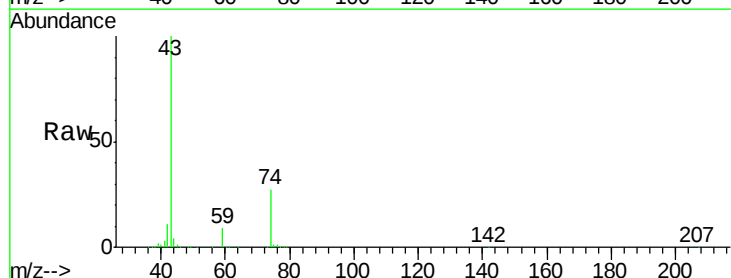
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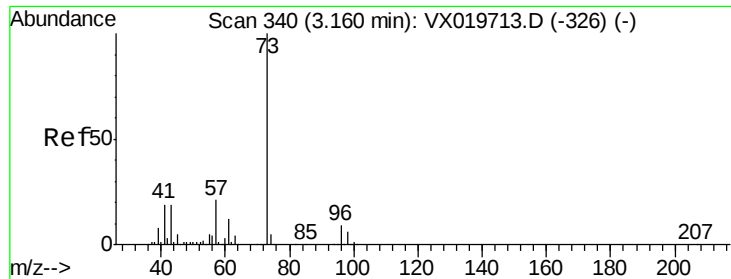
MMDadoda
12/7/2020 10:53:27 AM



#18
Methyl Acetate
Concen: 52.619 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.9	32.9





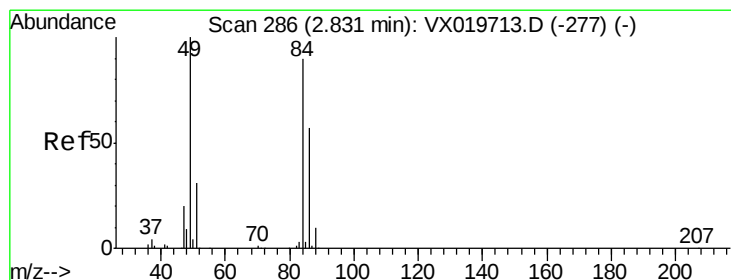
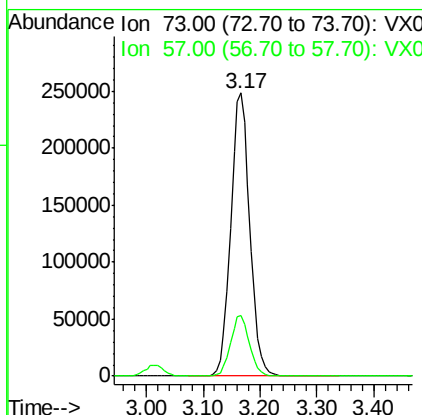
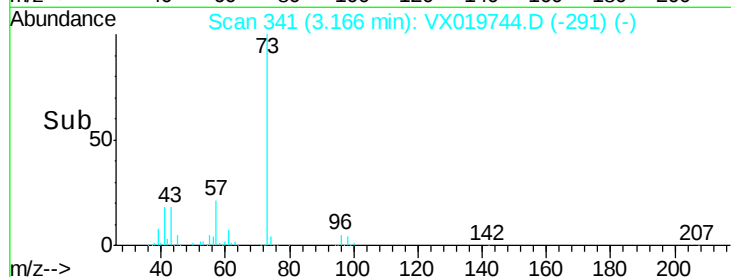
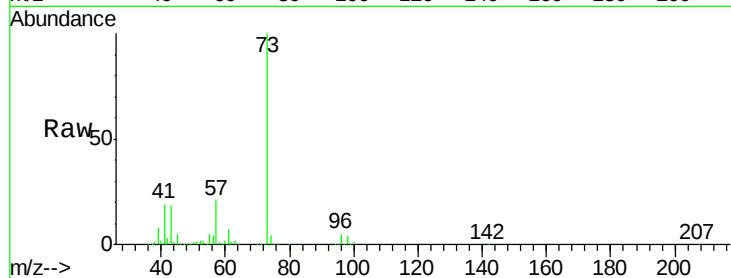
#19
Methvl tert-butvl Ether
Concen: 52.164 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.1	25.7

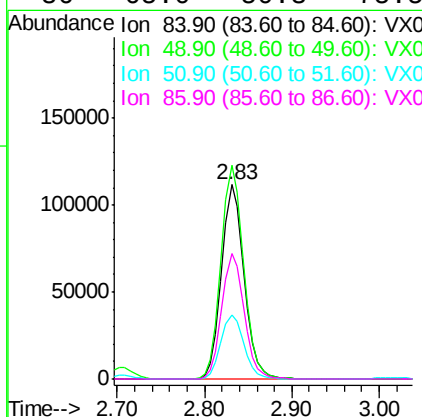
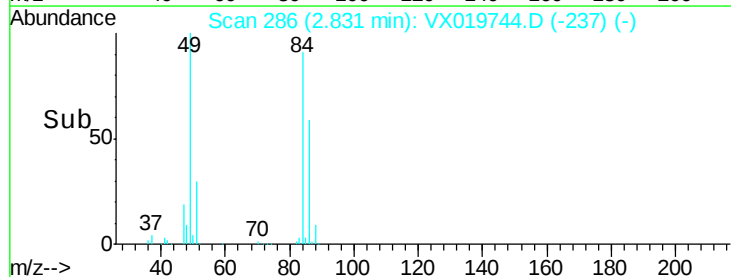
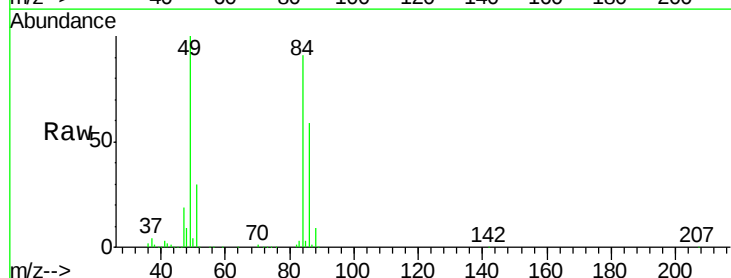
Manual Integrations
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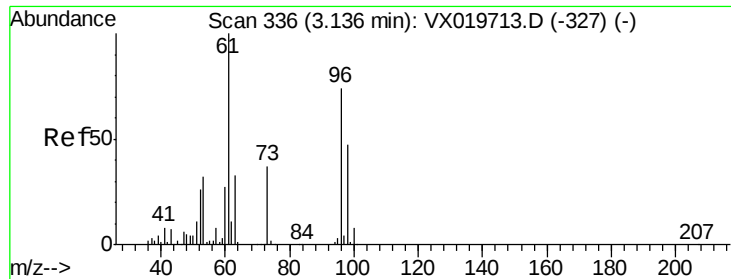
MMDadoda
12/7/2020 10:53:27 AM



#20
Methylene Chloride
Concen: 53.361 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.1	88.6	132.8
51	33.2	27.0	40.6
86	65.0	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 50.893 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

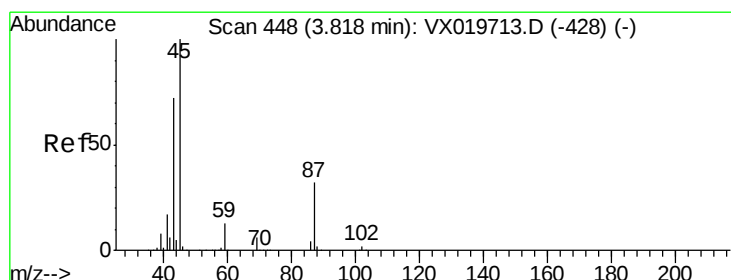
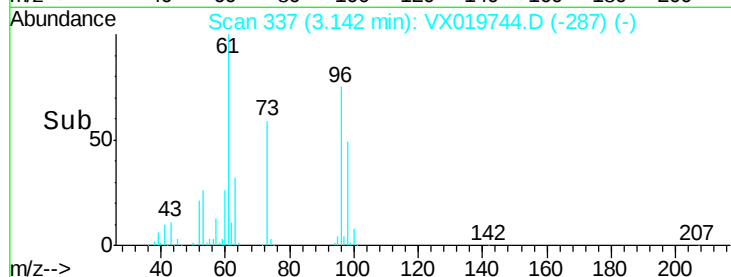
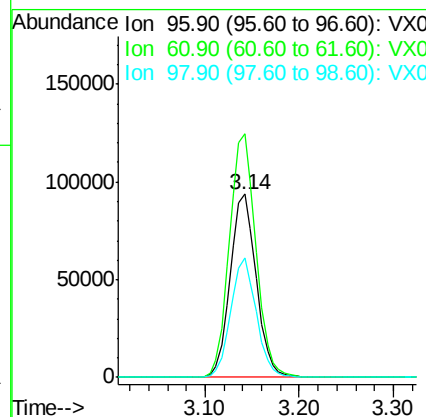
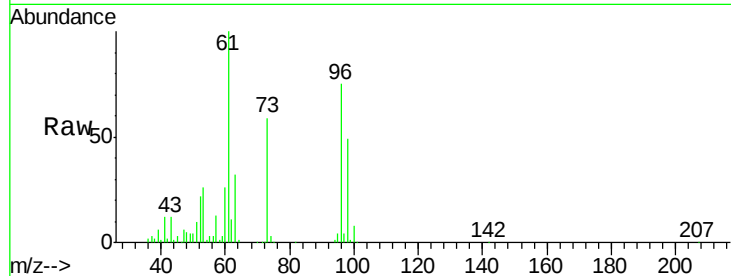
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	180538
Ion	Ratio	Lower	Upper
96	100		
61	132.8	107.7	161.5
98	65.3	50.4	75.6

Manual Integrations
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12/7/2020 10:53:27 AM



#22

Diisopropyl ether

Concen: 51.749 ug/l

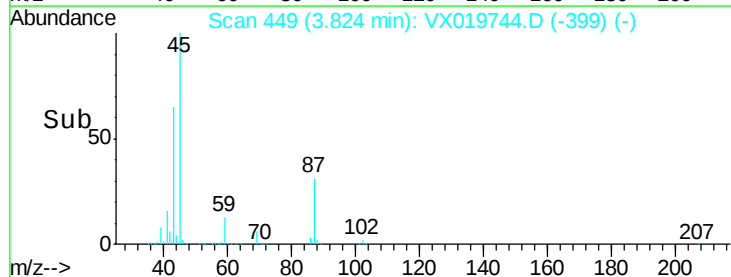
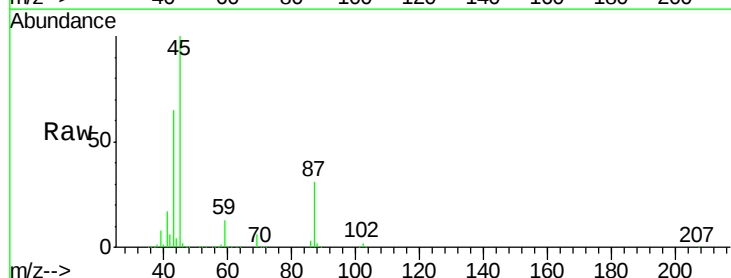
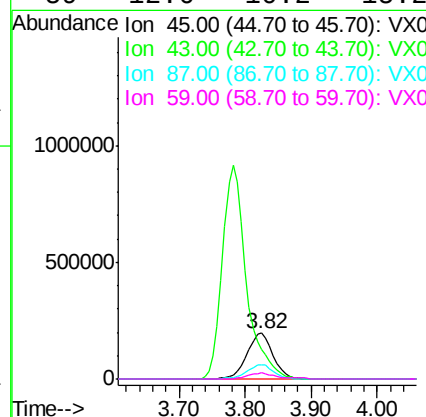
RT: 3.82 min Scan# 449

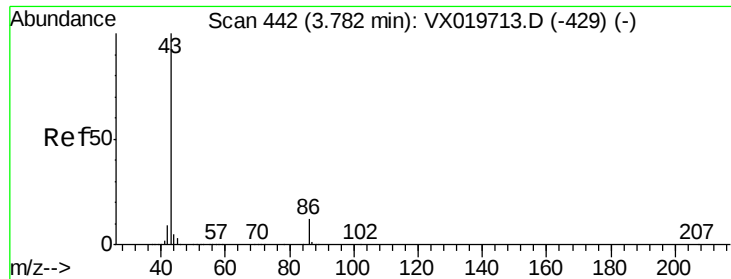
Delta R.T. 0.01 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Tgt Ion:	45	Resp:	537684
Ion	Ratio	Lower	Upper
45	100		
43	64.7	58.0	87.0
87	31.0	25.4	38.0
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 261.702 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2316593

Ion Ratio Lower Upper

43 100

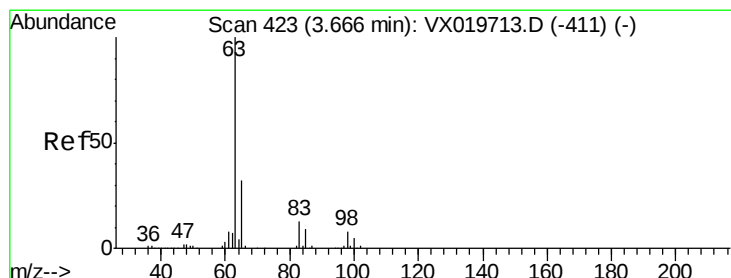
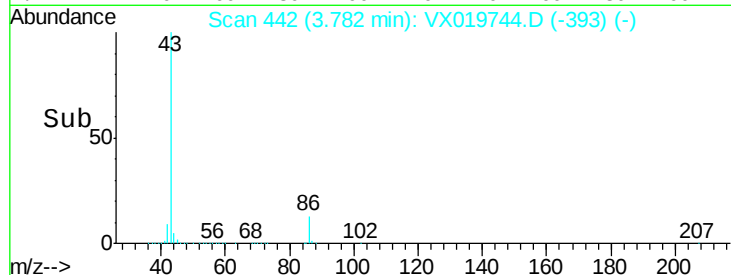
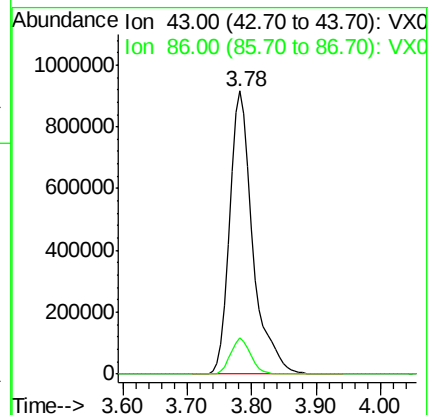
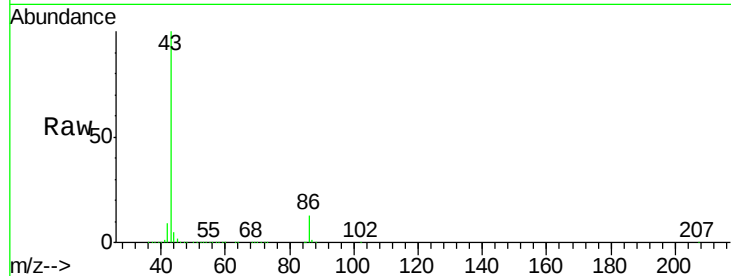
86 13.0 9.9 14.9

Manual Integrations

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MMDadoda

12/7/2020 10:53:27 AM



#24

1,1-Dichloroethane

Concen: 50.916 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

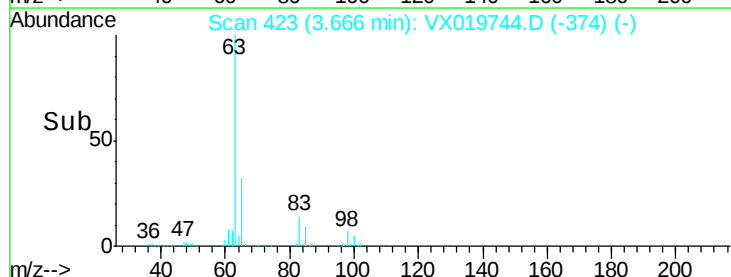
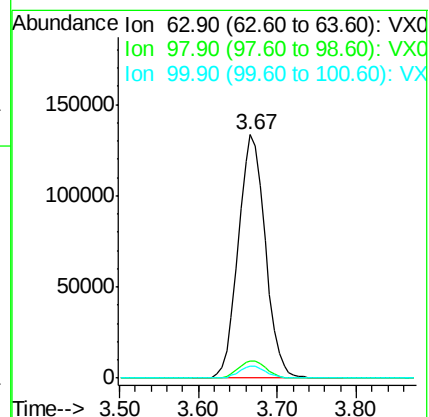
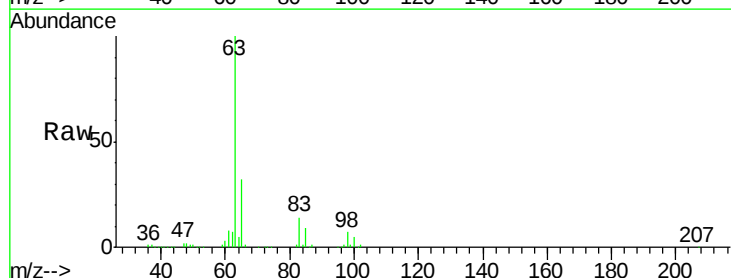
Tgt Ion: 63 Resp: 319023

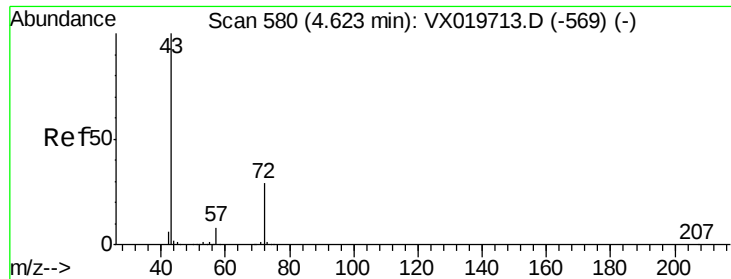
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 256.743 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 647242

Ion Ratio Lower Upper

43 100

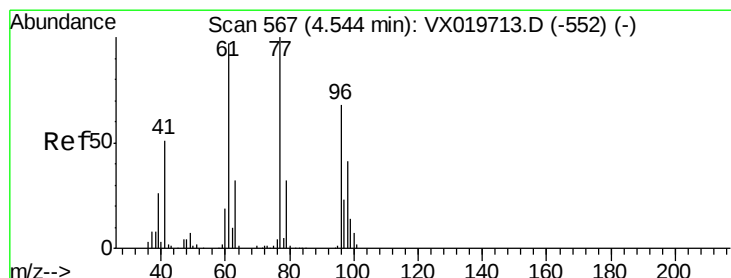
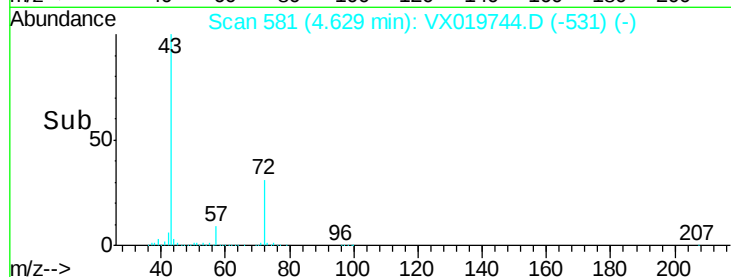
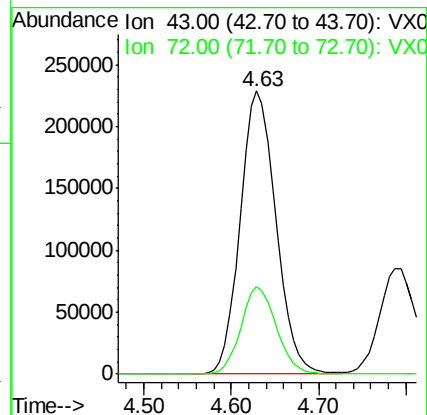
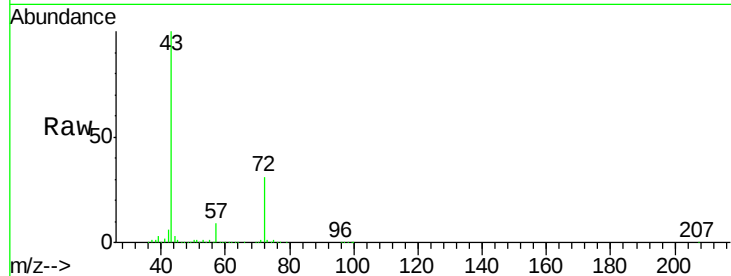
72 30.7 23.7 35.5

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12/7/2020 10:53:27 AM



#26

2,2-Dichloropropane

Concen: 42.632 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019744.D

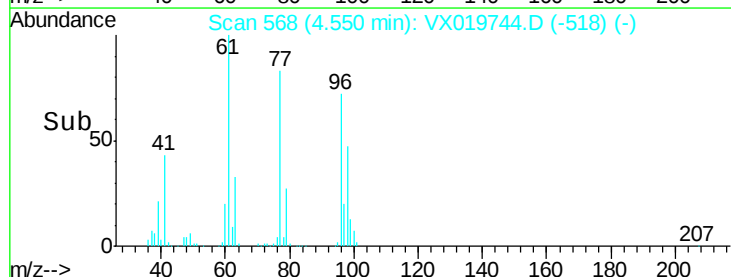
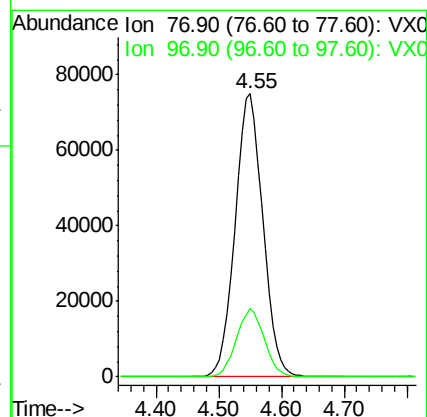
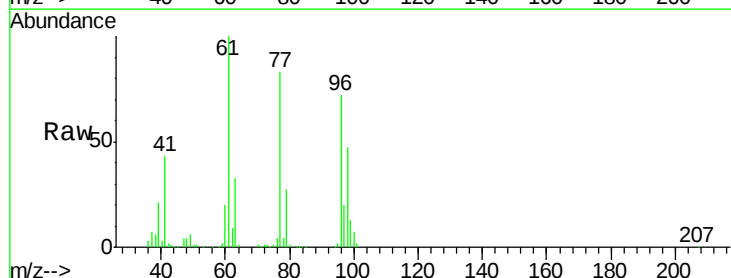
Acq: 05 Dec 2020 01:53

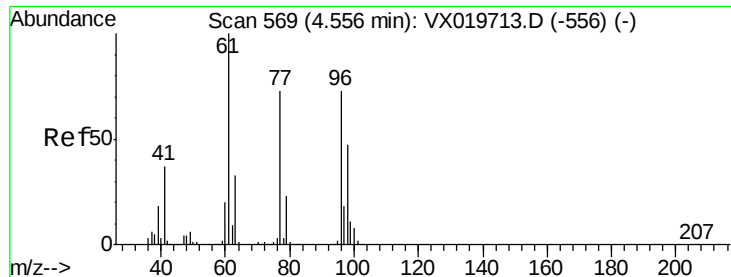
Tgt Ion: 77 Resp: 230033

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1





#27

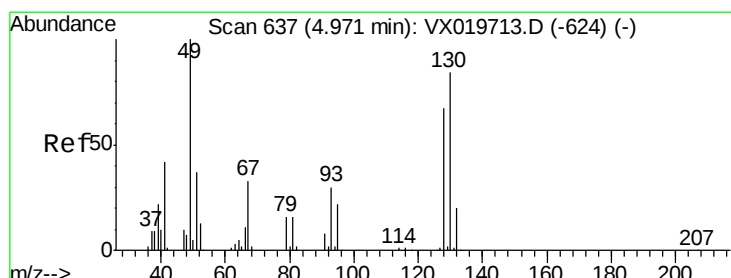
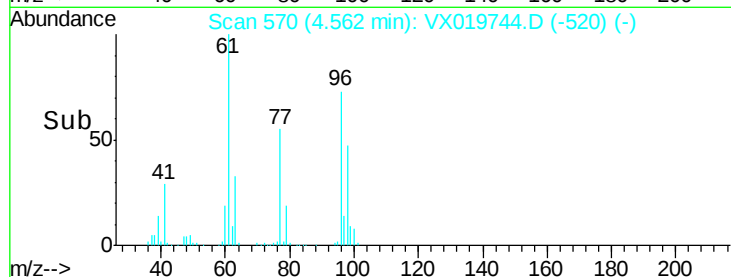
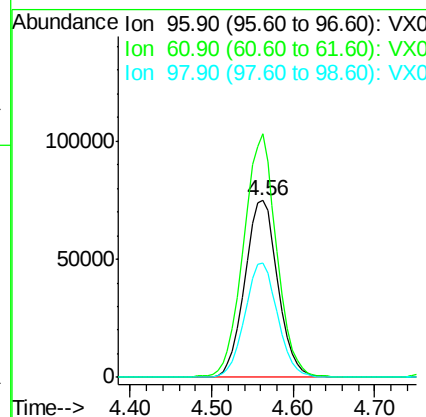
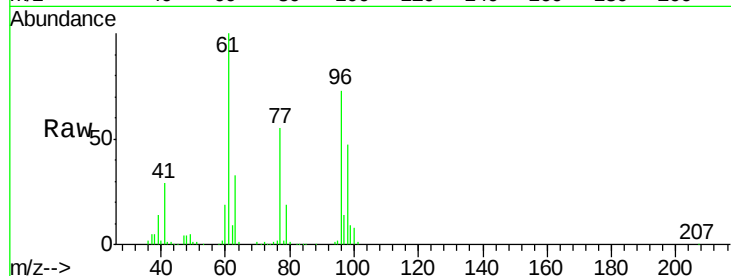
cis-1,2-Dichloroethene
Concen: 50.800 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	210891		
61	138.3	0.0	285.6	
98	64.3	0.0	129.6	

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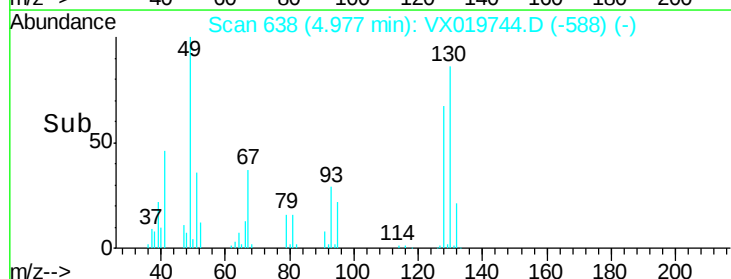
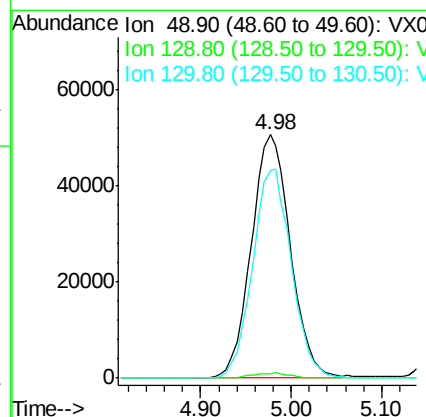
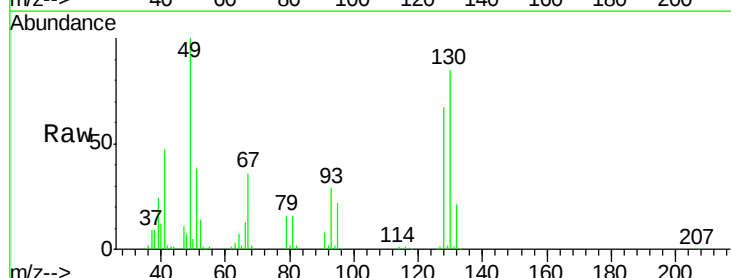
MMDadoda
12/7/2020 10:53:27 AM

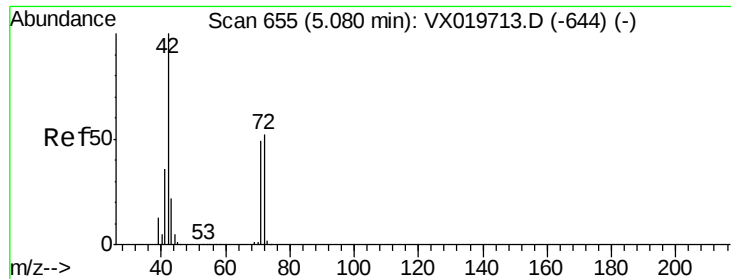


#28

Bromochloromethane
Concen: 50.575 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151061		
129	2.0	0.0	4.0	
130	85.6	68.2	102.2	





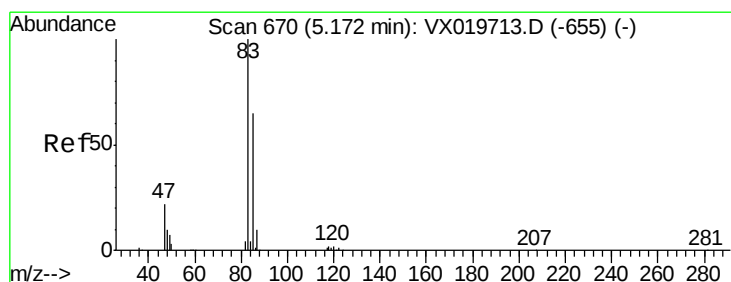
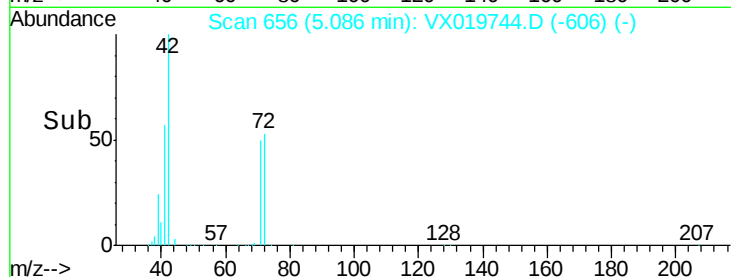
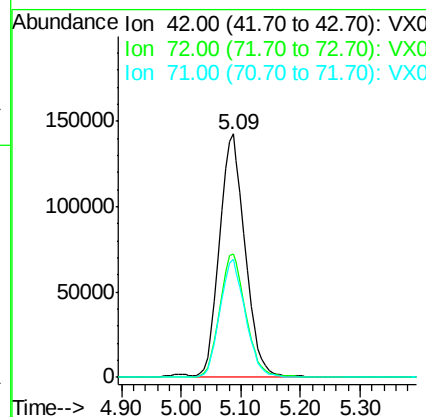
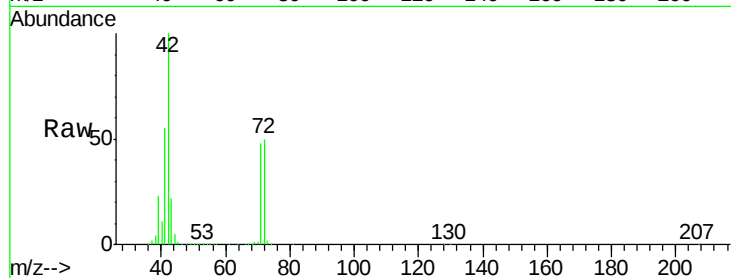
#29
Tetrahydrofuran
Concen: 260.496 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.8	41.7	62.5
71	48.4	38.4	57.6

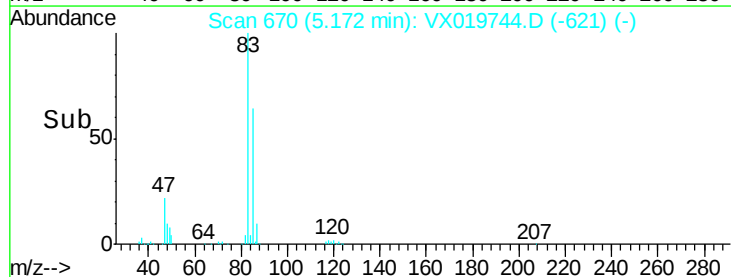
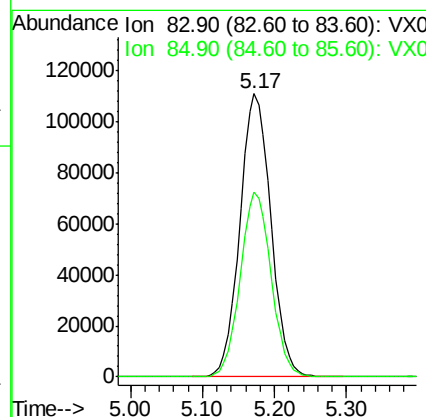
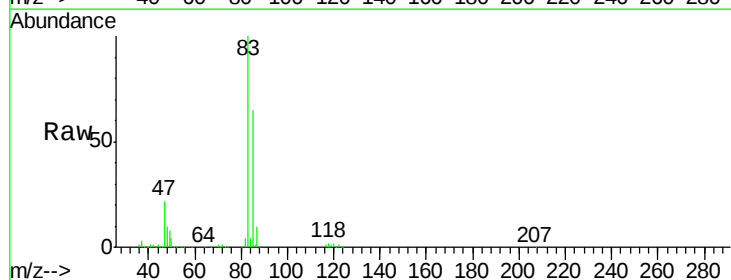
Manual Integrations
APPROVED

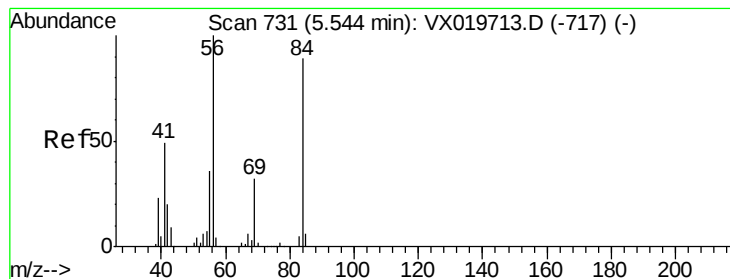
MMDadoda
12/7/2020 10:53:27 AM



#30
Chloroform
Concen: 51.339 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





#31

Cyclohexane

Concen: 51.061 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

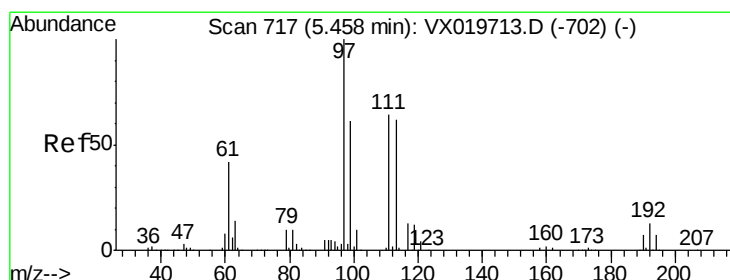
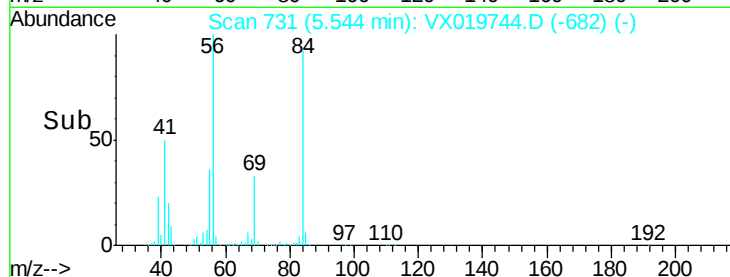
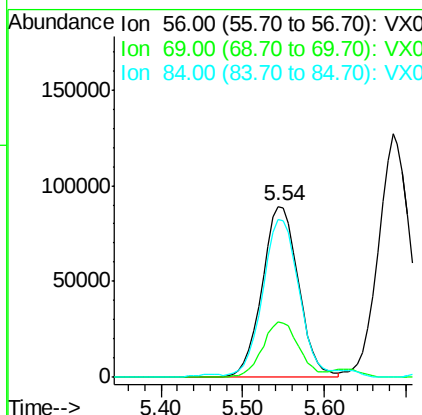
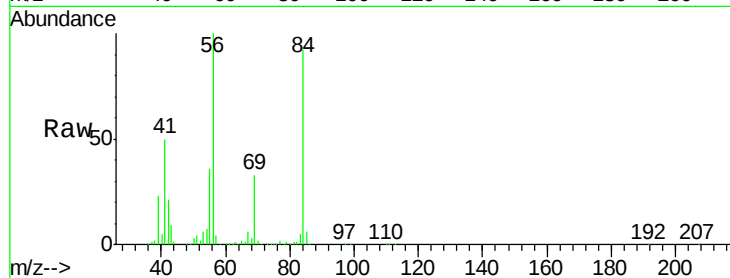
ClientSampleId :

VSTDCCC050EC

Tot Ion	56	Resp	277231
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.3	37.9
84	91.8	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.968 ug/l

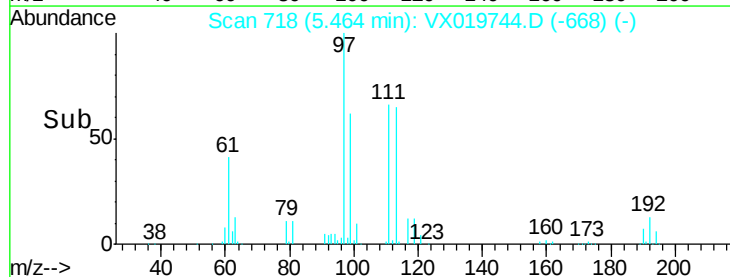
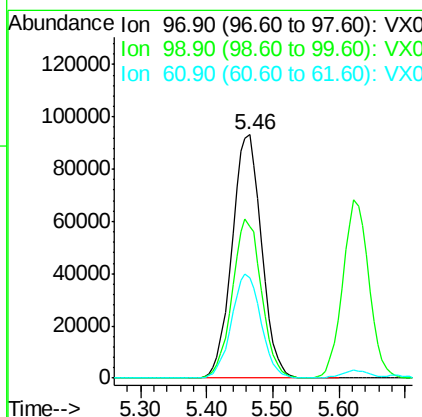
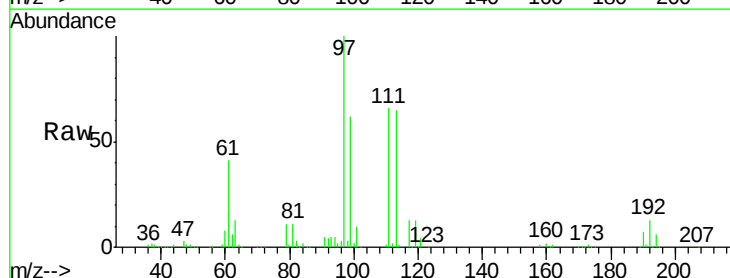
RT: 5.46 min Scan# 718

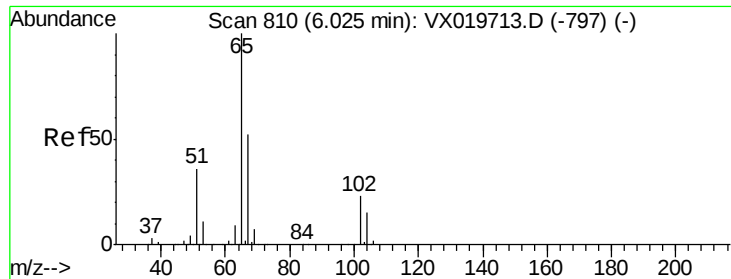
Delta R.T. 0.01 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Tgt Ion	97	Resp	288324
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	42.7	34.2	51.4





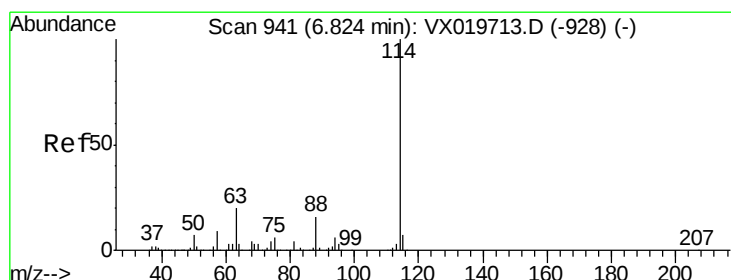
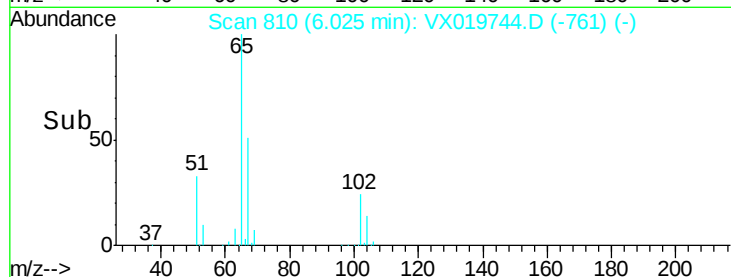
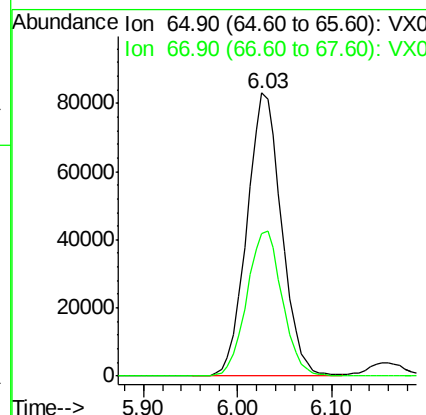
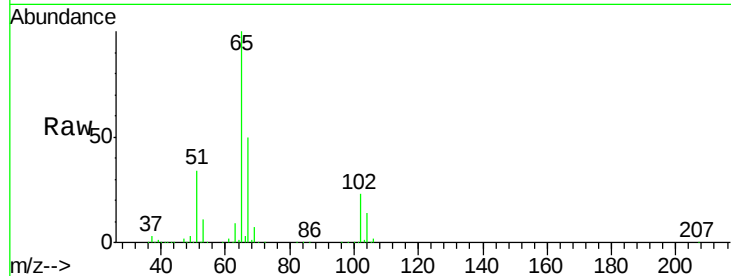
#33
 1,2-Dichloroethane-d4
 Concen: 49.110 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4

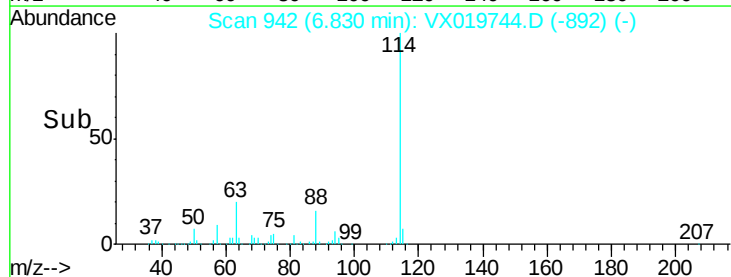
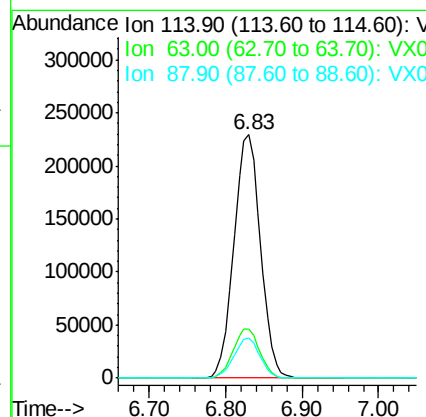
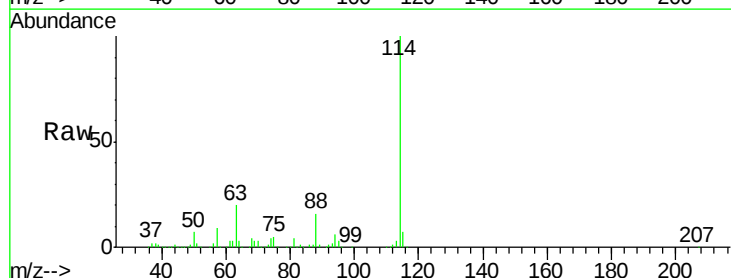
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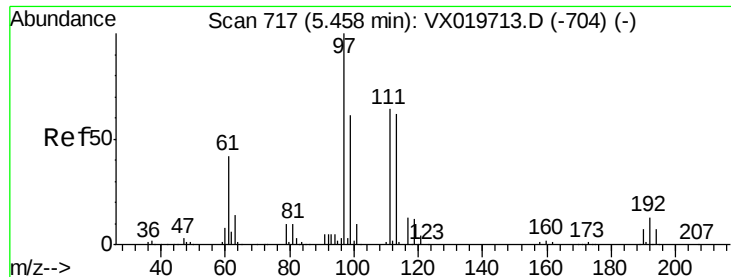
MMDadoda
 12/7/2020 10:53:27 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.4	0.0	32.8





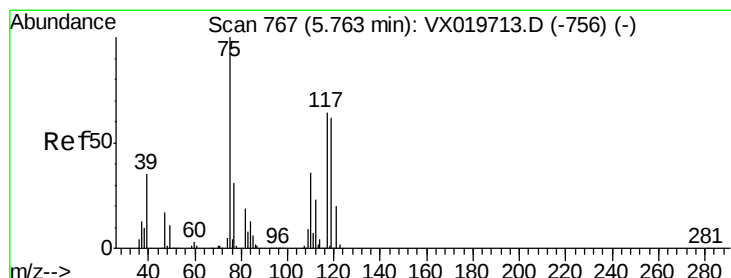
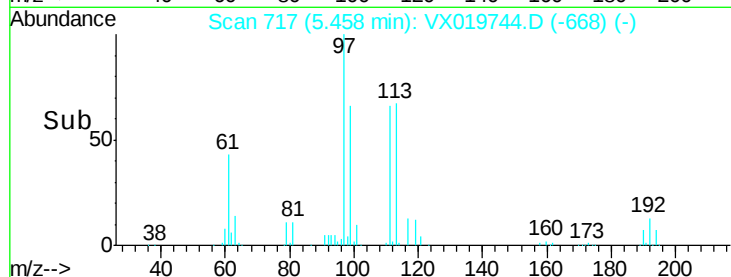
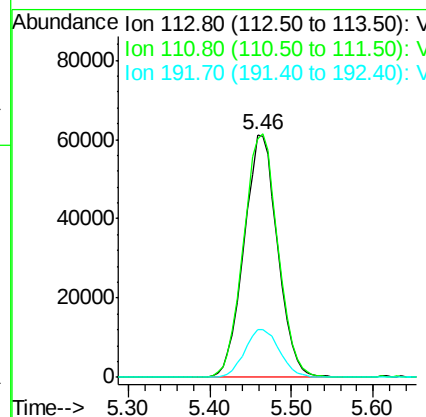
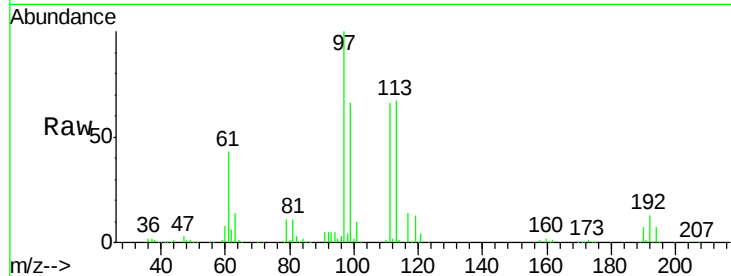
#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	174607		
111	103.2	81.9	122.9	
192	20.7	16.7	25.1	

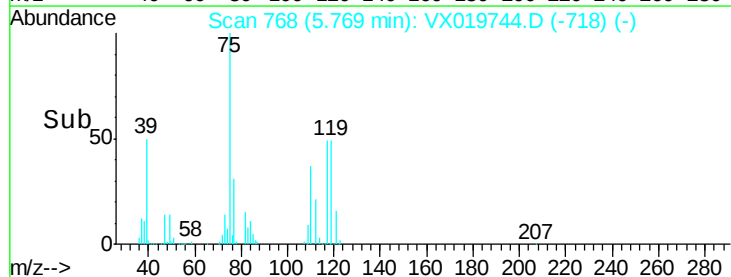
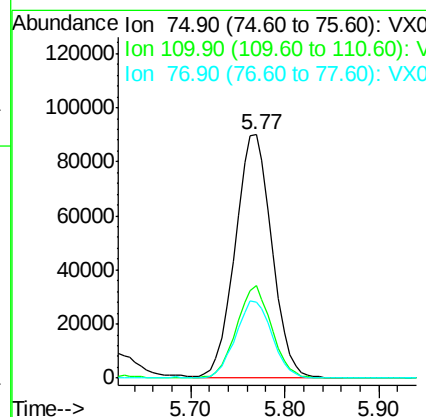
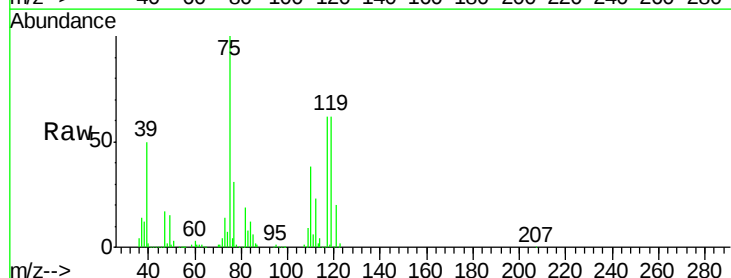
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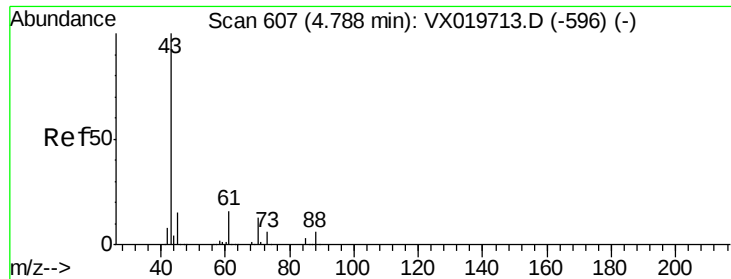
MMDadoda
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#36
1,1-Dichloropropene
Concen: 49.019 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	243626		
110	36.4	18.1	54.4	
77	31.7	25.3	37.9	





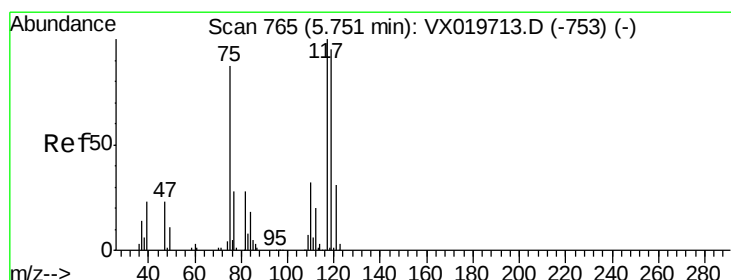
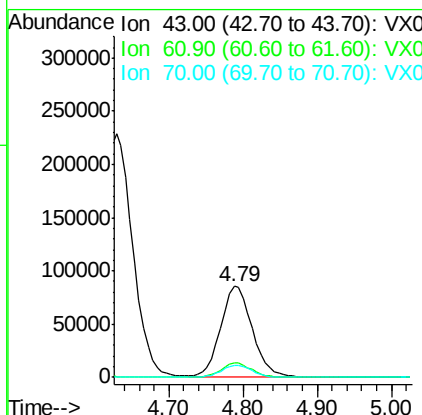
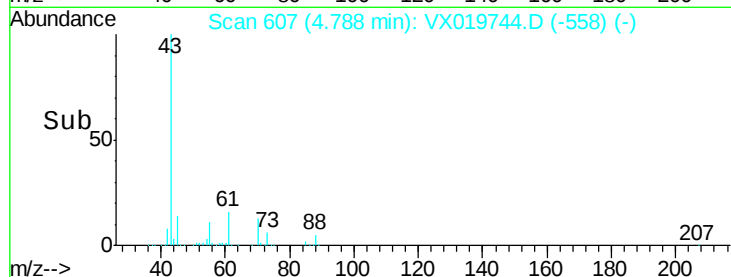
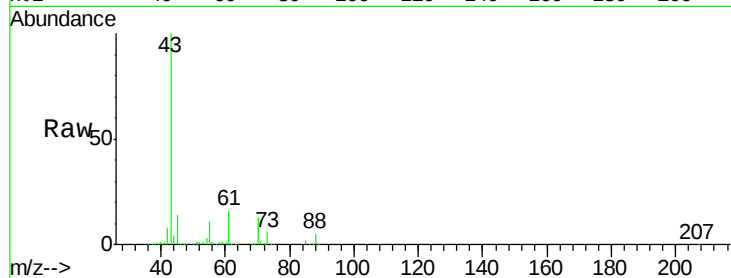
#37
Ethyl Acetate
Concen: 50.369 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.8	19.2
70	12.9	10.5	15.7

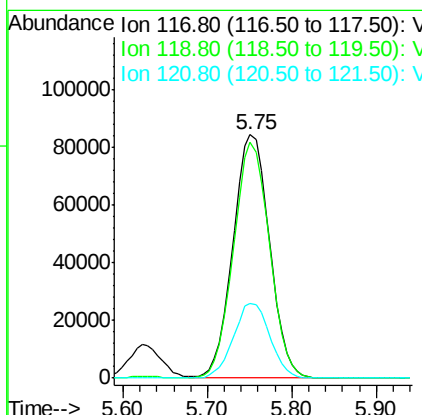
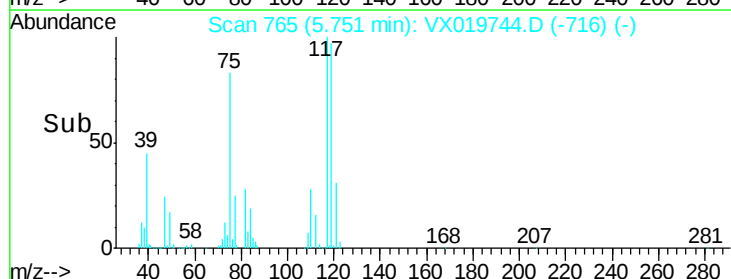
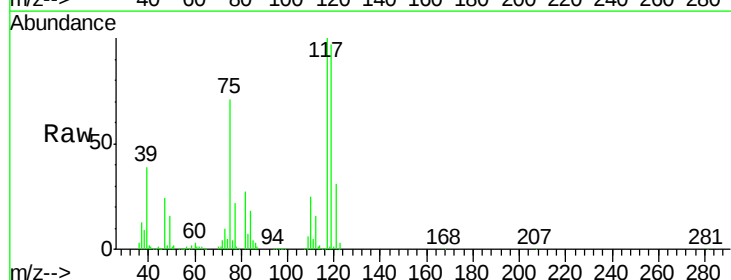
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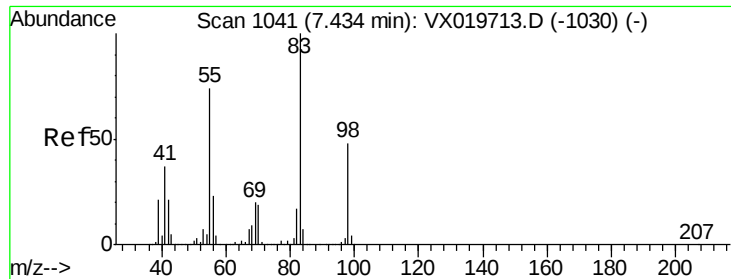
MMDadoda
12/7/2020 10:53:27 AM



#38
Carbon Tetrachloride
Concen: 50.852 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.2	114.2
121	30.6	24.8	37.2





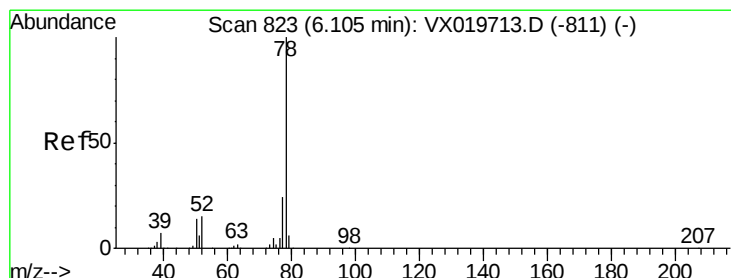
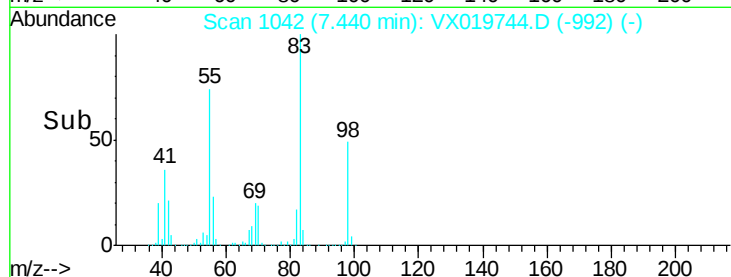
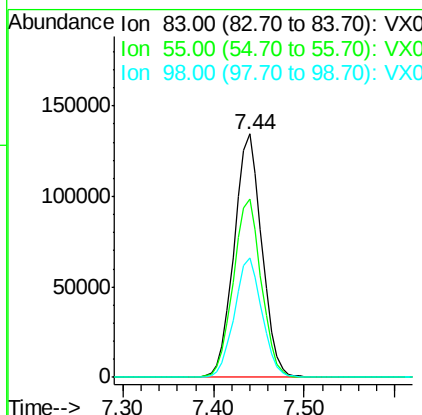
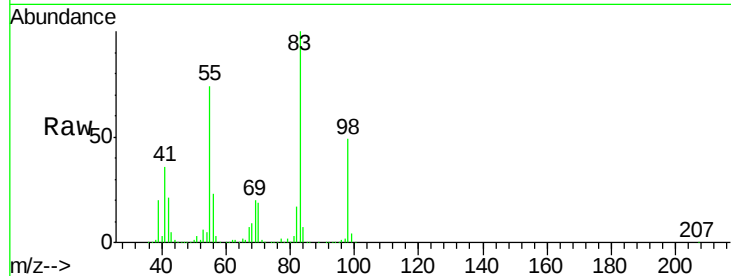
#39
Methylvlcyclohexane
Concen: 48.908 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	58.9	88.3
98	48.9	38.1	57.1

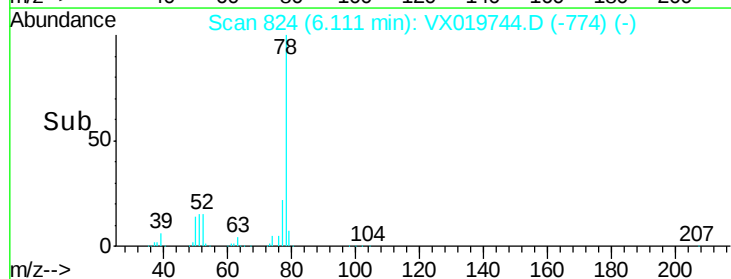
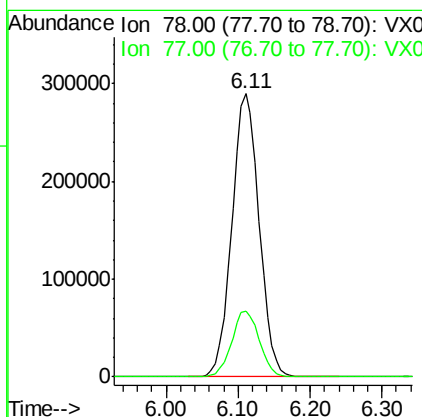
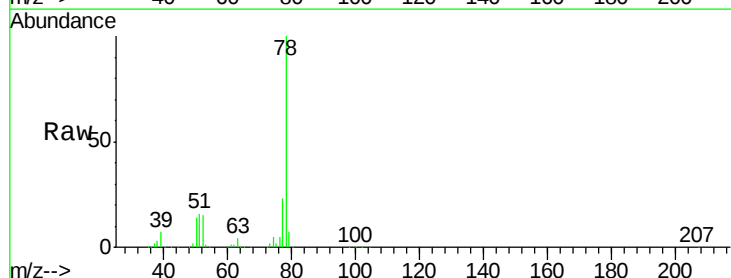
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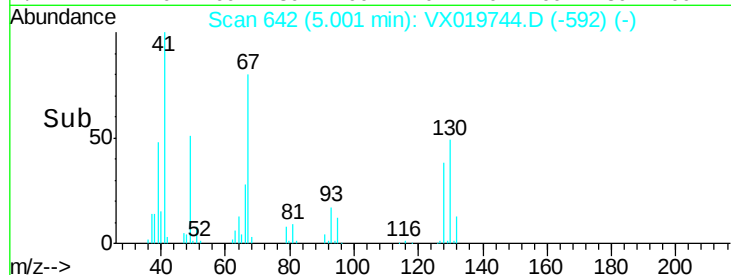
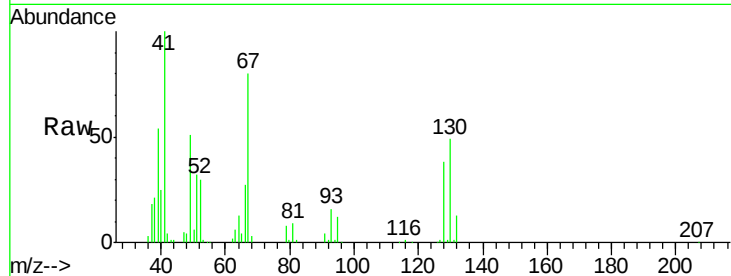
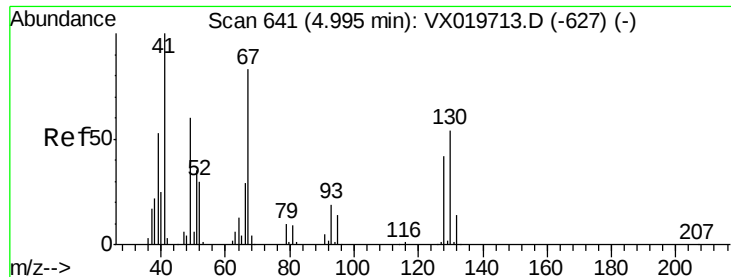
MMDadoda
12/7/2020 10:53:27 AM



#40
Benzene
Concen: 49.978 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

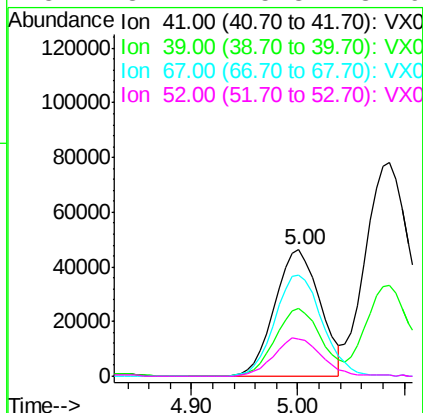
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





#41
Methacrylonitrile
Concen: 49.763 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

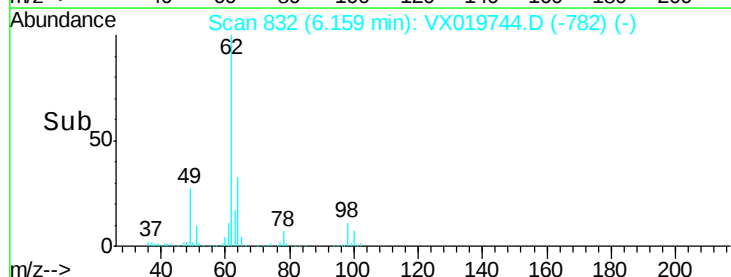
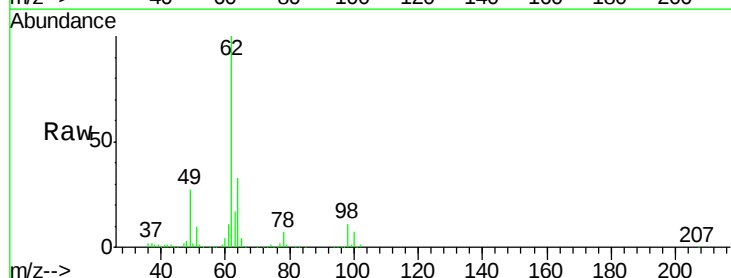
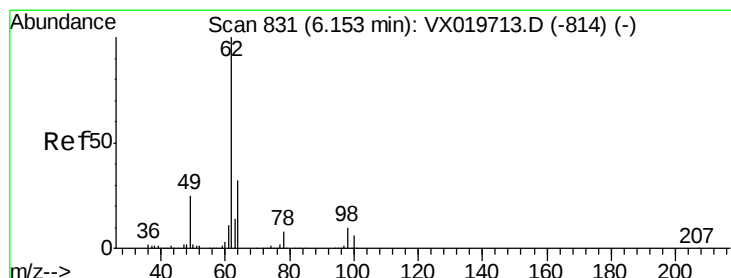
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	42.5	63.7	
67	83.3	65.0	97.6	
52	32.1	25.3	37.9	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

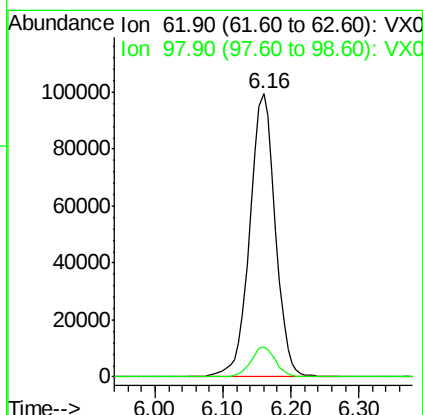
Manual Integrations
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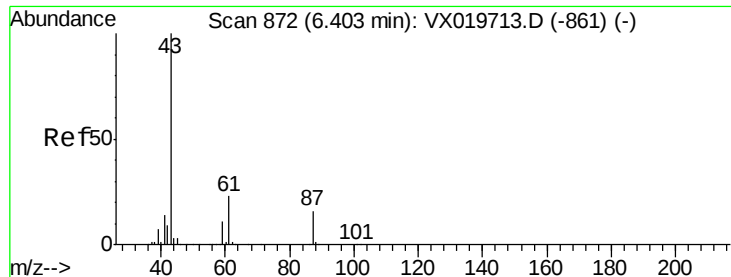
MMDadoda
12/7/2020 10:53:27 AM



#42
1,2-Dichloroethane
Concen: 50.288 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.2	





#43

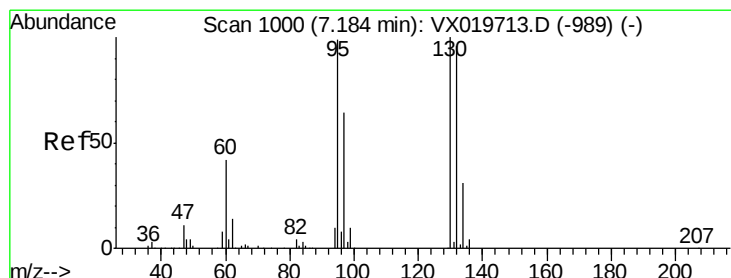
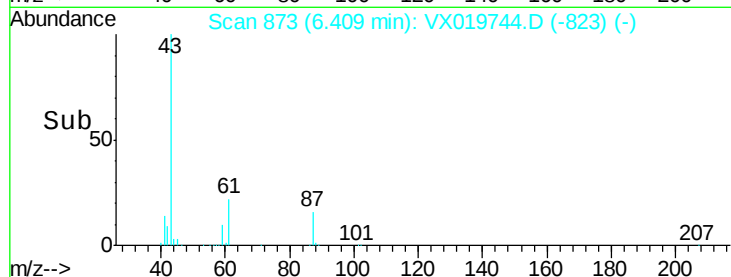
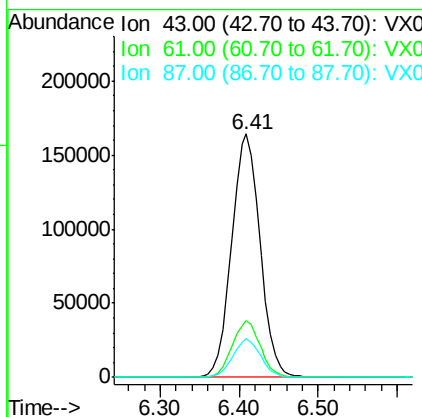
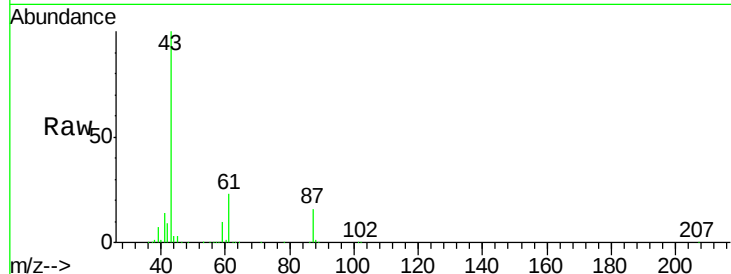
Isopropyl Acetate
 Concen: 50.291 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.4
87	15.6	12.5	18.7

Manual Integrations
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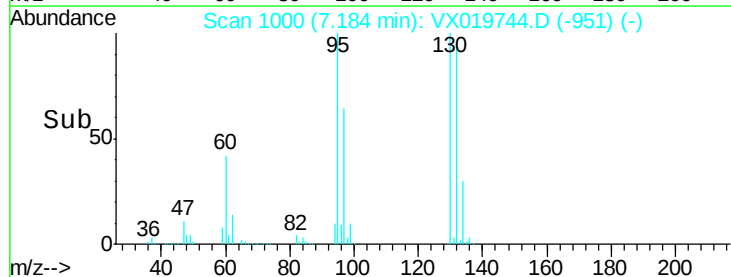
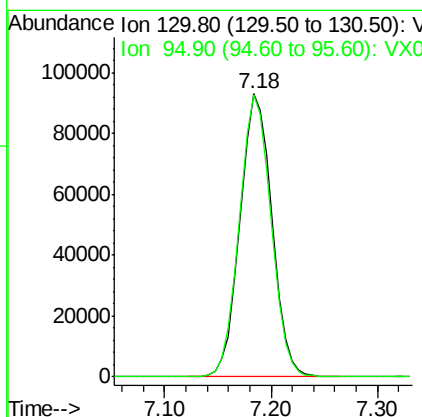
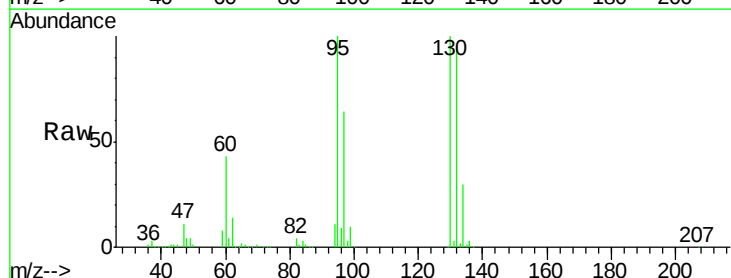
MMDadoda
 12/7/2020 10:53:27 AM

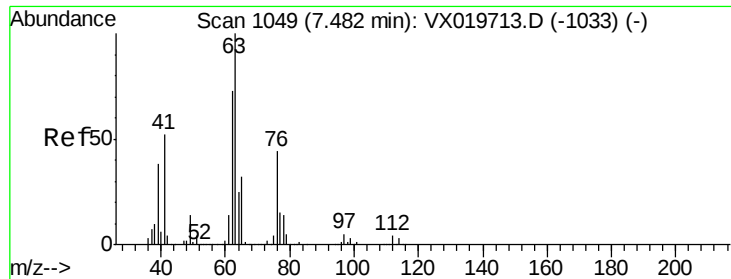


#44

Trichloroethene
 Concen: 49.357 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	198.0





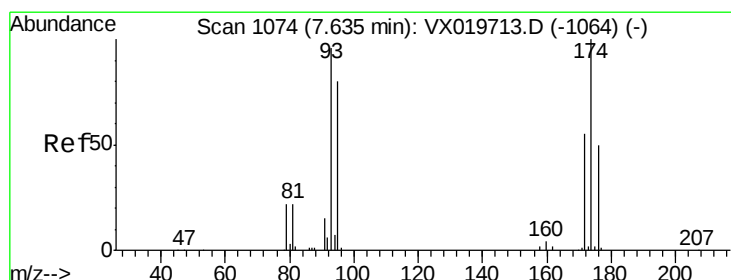
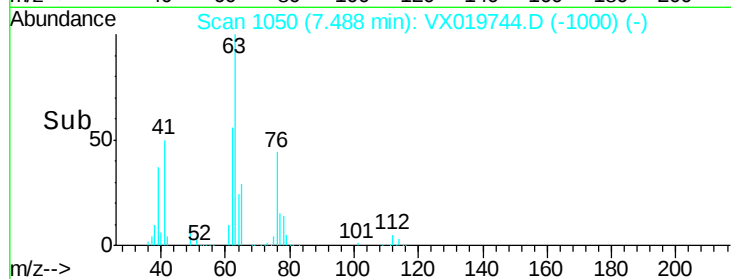
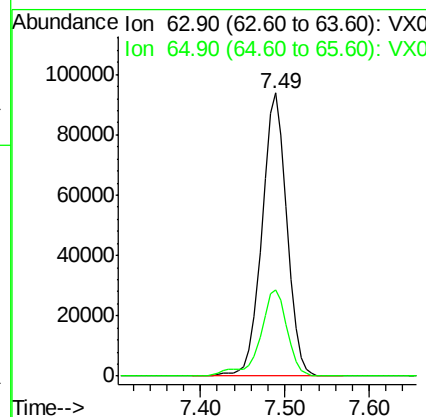
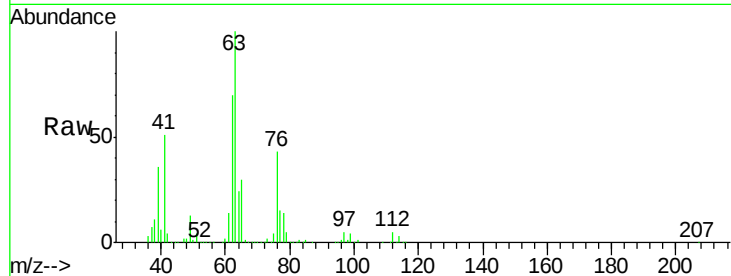
#45
 1,2-Dichloropropane
 Concen: 50.117 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.7	38.5

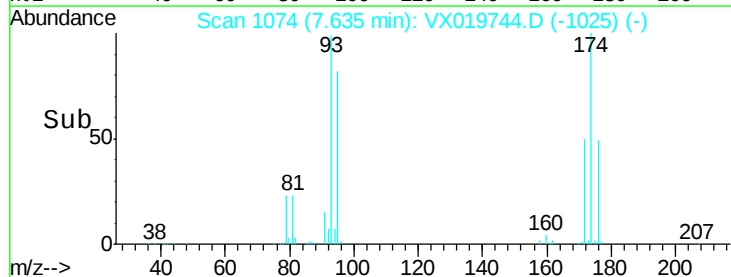
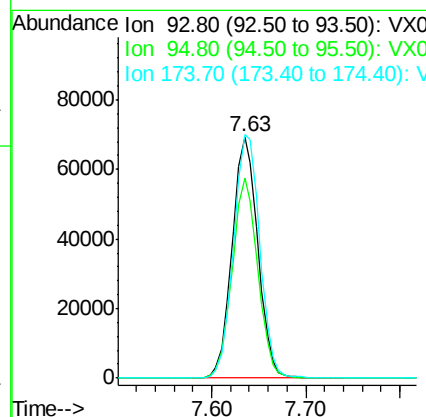
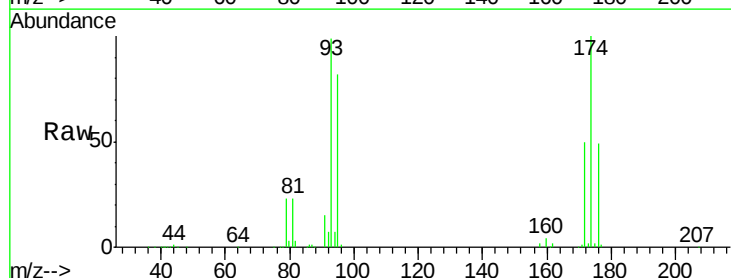
Manual Integrations
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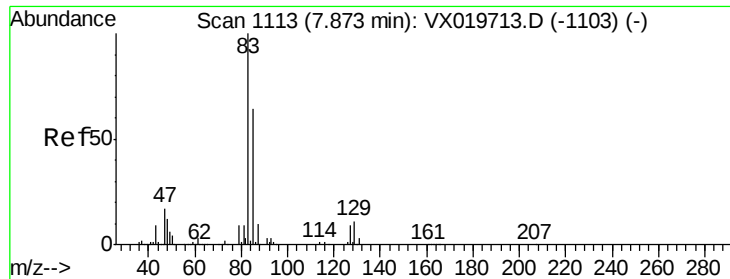
MMDadoda
 12/7/2020 10:53:27 AM



#46
 Dibromomethane
 Concen: 51.246 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.8	100.2
174	103.4	83.1	124.7





#47

Bromodichloromethane

Concen: 51.066 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

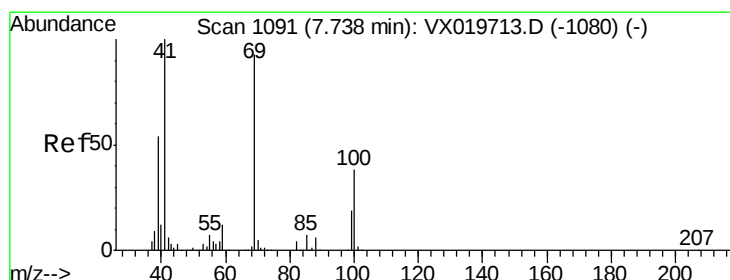
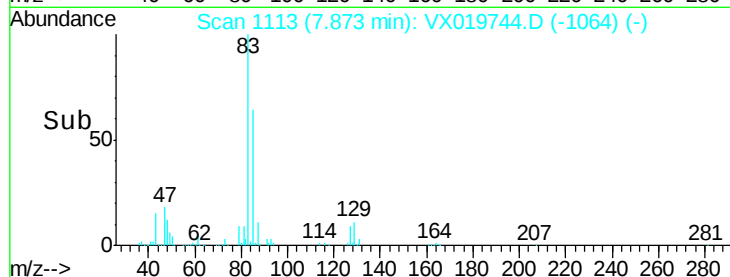
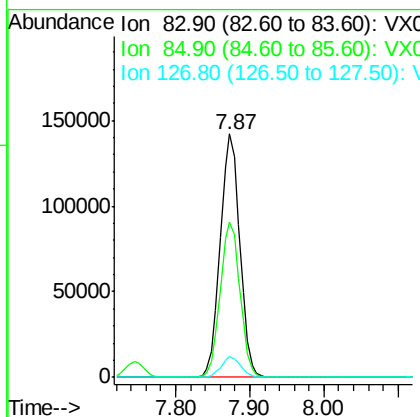
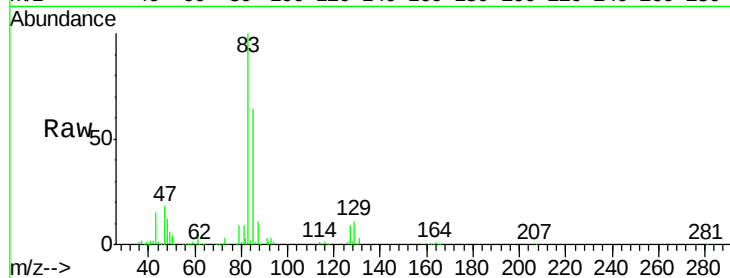
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	259651
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.0
127	8.7	6.8	10.2

Manual Integrations
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MMDadoda
12/7/2020 10:53:27 AM



#48

Methyl methacrylate

Concen: 51.314 ug/l

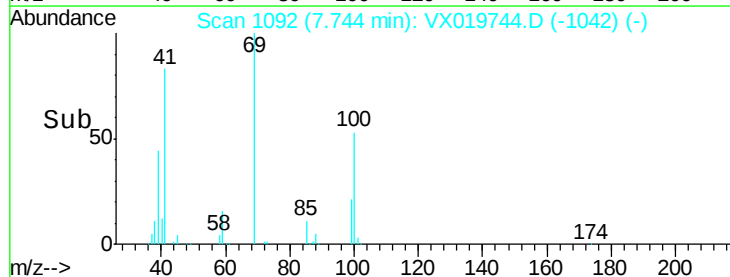
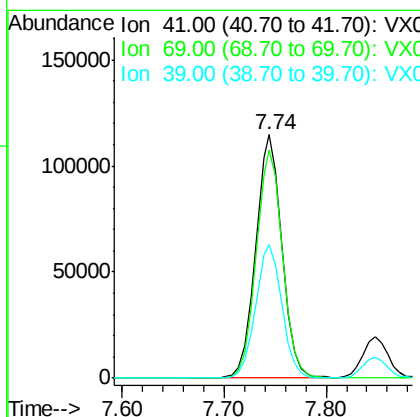
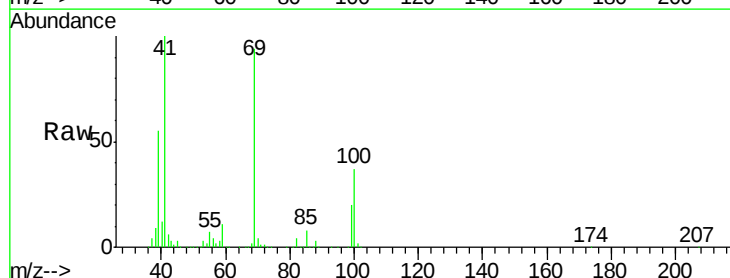
RT: 7.74 min Scan# 1092

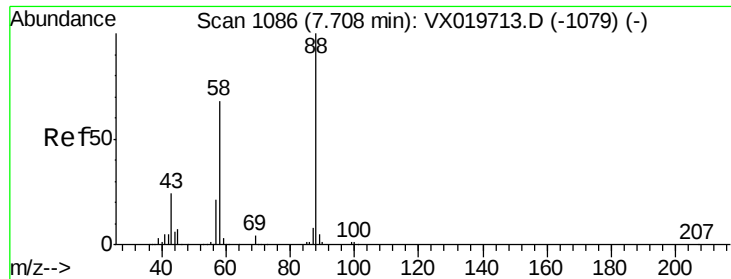
Delta R.T. 0.01 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Tgt Ion:	41	Resp:	205889
Ion	Ratio	Lower	Upper
41	100		
69	93.7	76.0	114.0
39	55.0	44.6	67.0





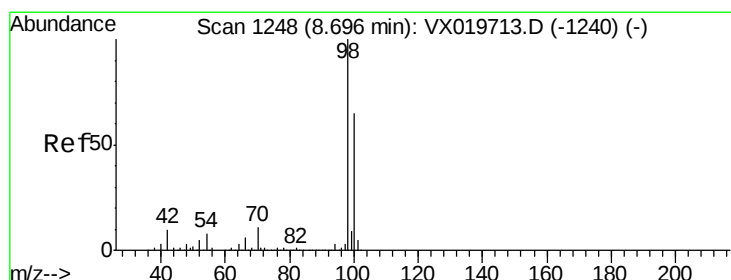
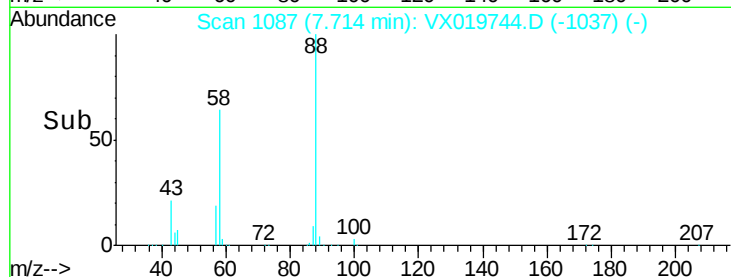
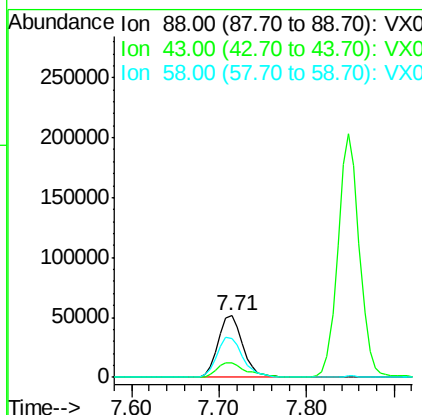
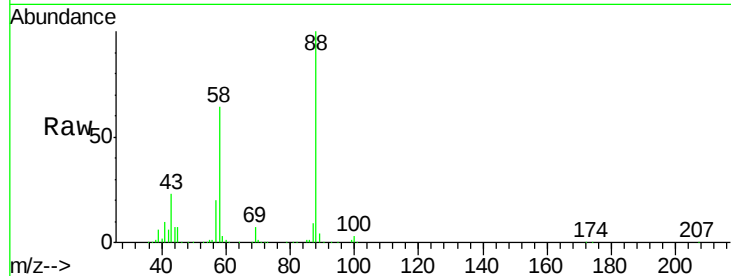
#49
1,4-Dioxane
Concen: 1044.809 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.2	34.8
58	68.3	55.0	82.4

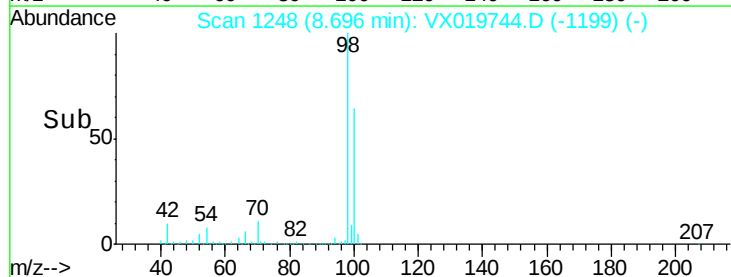
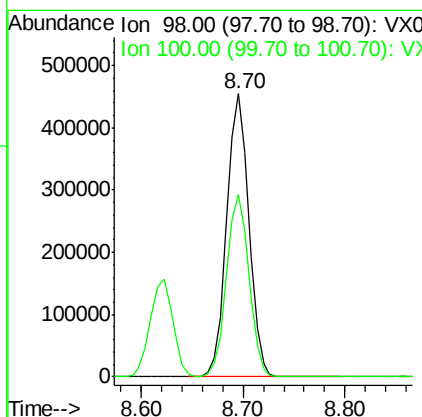
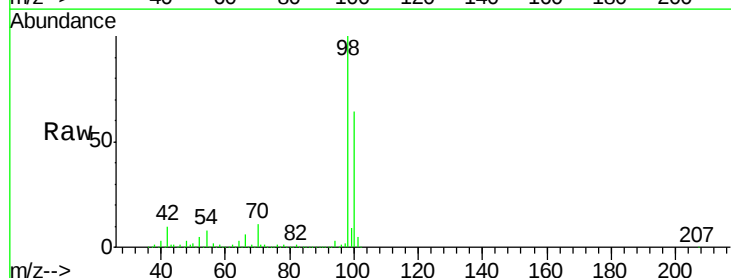
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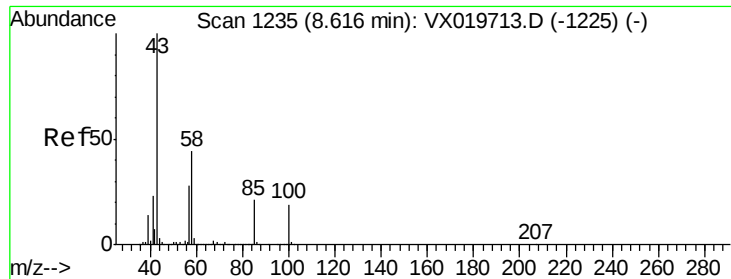
MMDadoda
12/7/2020 10:53:27 AM



#50
Toluene-d8
Concen: 50.132 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





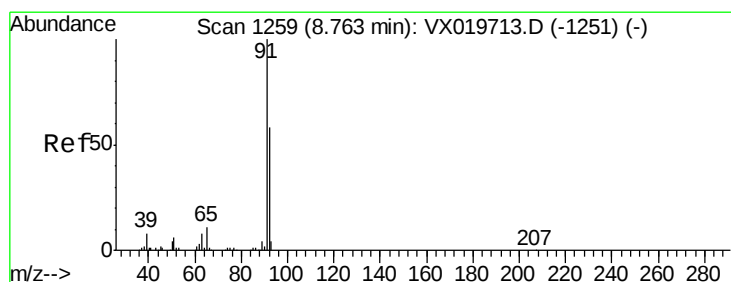
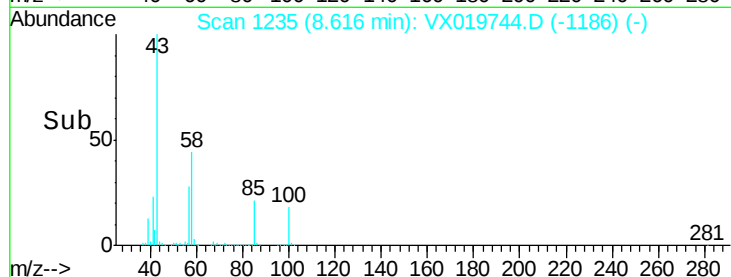
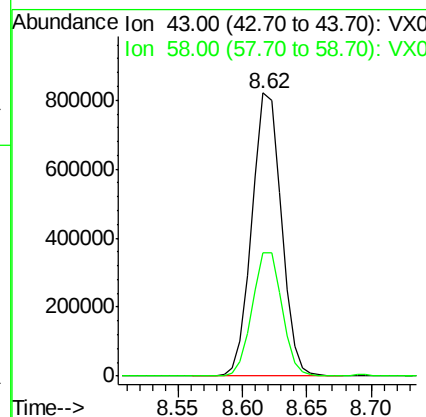
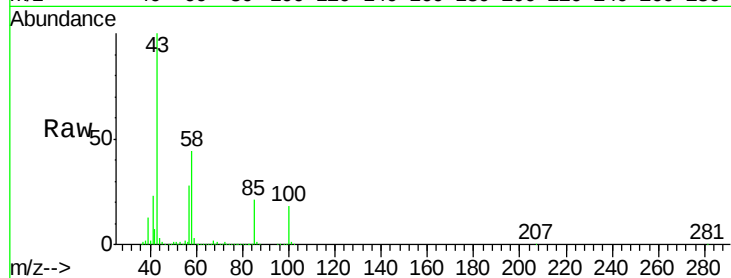
#51
4-Methyl-2-Pentanone
Concen: 259.287 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1291486
Ion Ratio Lower Upper
43 100
58 44.2 35.4 53.0

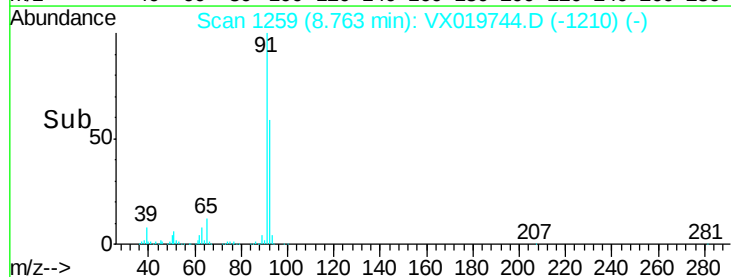
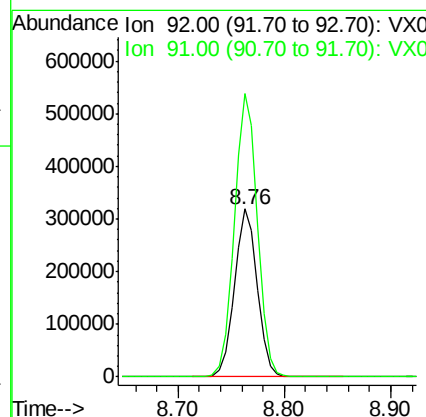
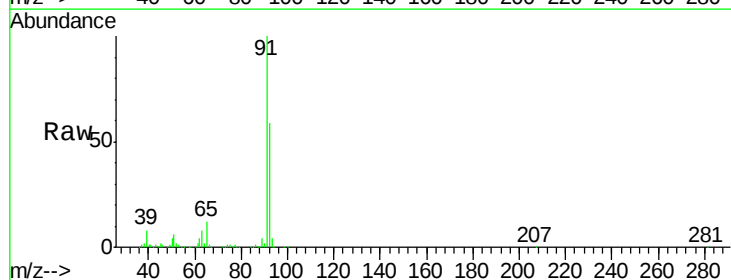
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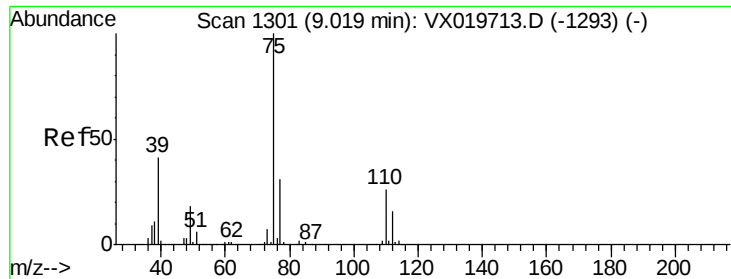
MMDadoda
12/7/2020 10:53:27 AM



#52
Toluene
Concen: 50.326 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion: 92 Resp: 477858
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





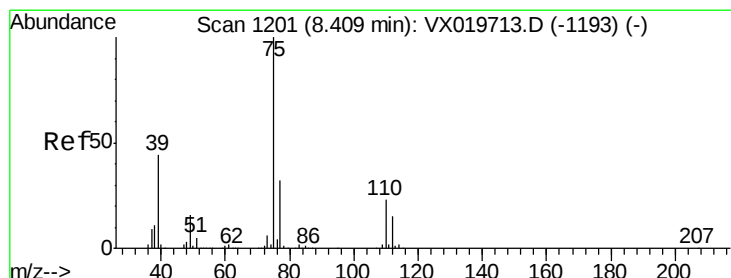
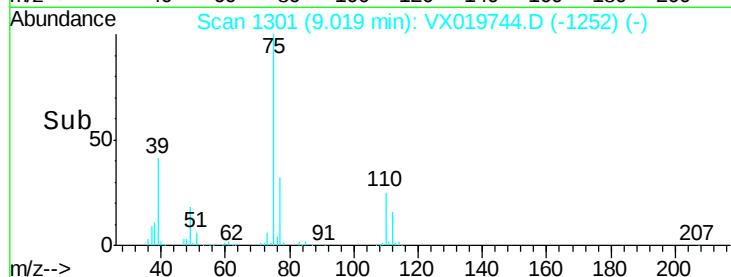
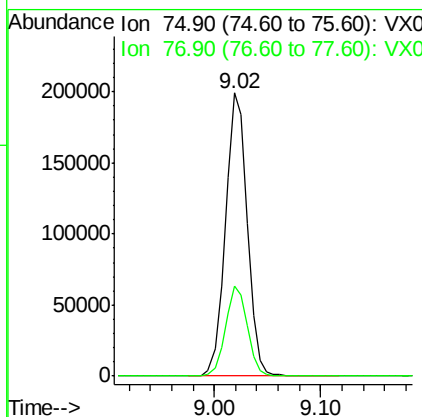
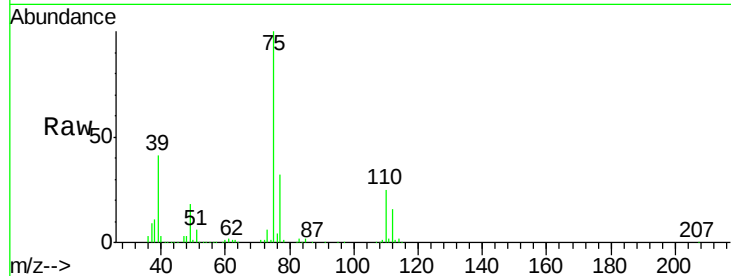
#53
t-1,3-Dichloropropene
Concen: 50.405 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 284401
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3

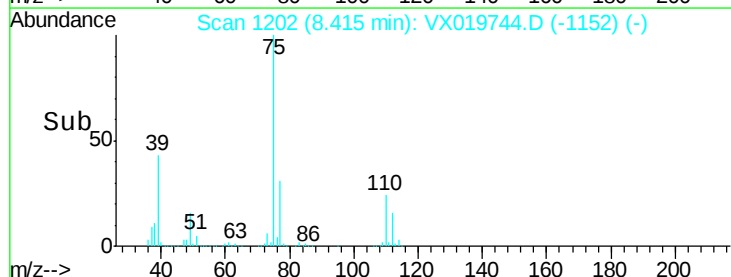
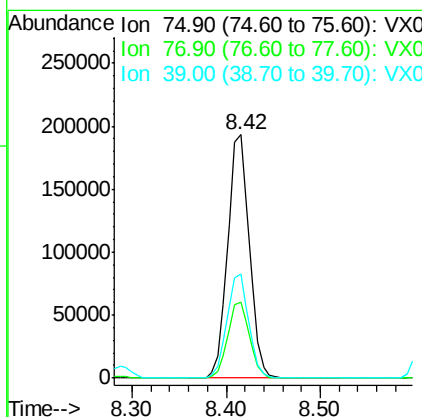
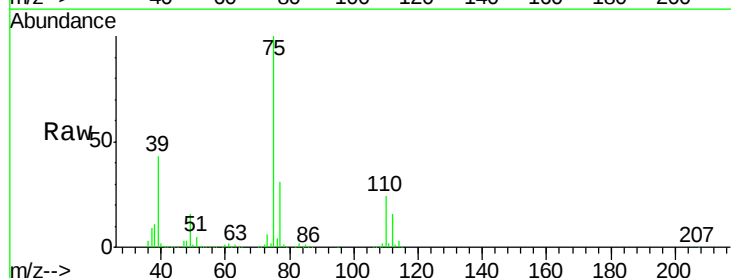
Manual Integrations
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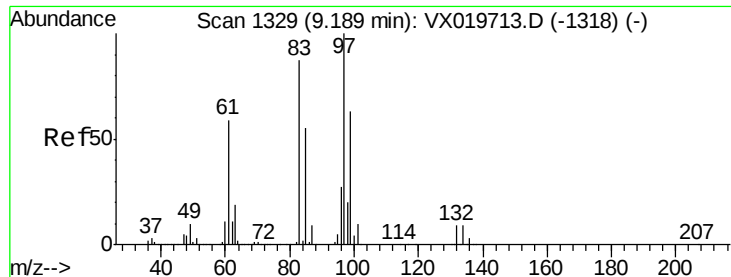
MMDadoda
12/7/2020 10:53:27 AM



#54
cis-1,3-Dichloropropene
Concen: 50.326 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion: 75 Resp: 308490
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 42.8 35.1 52.7





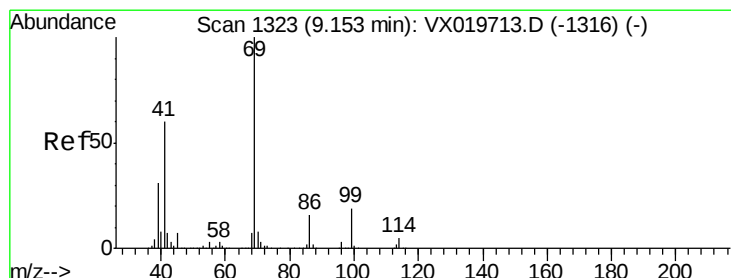
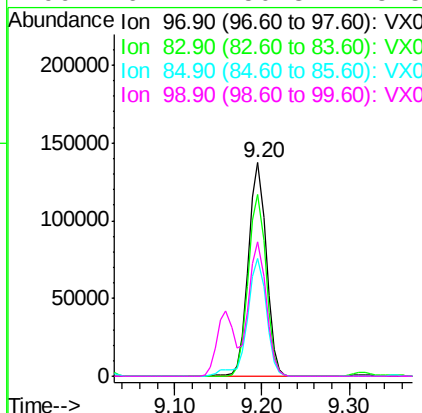
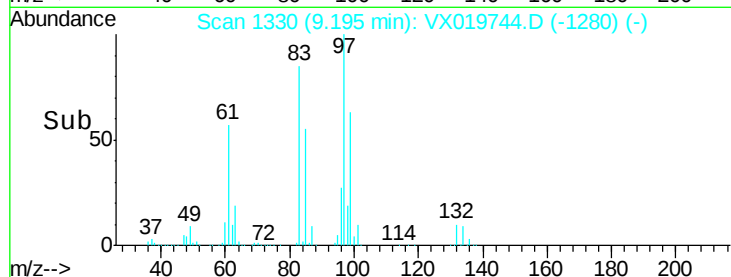
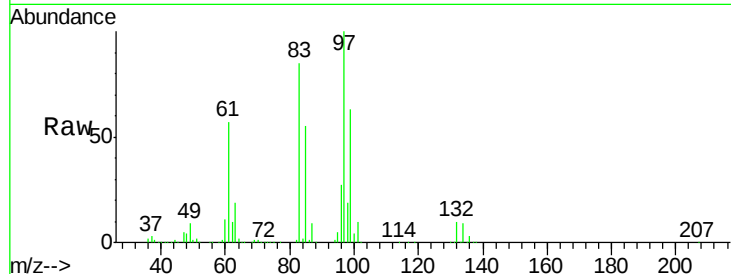
#55
 1,1,2-Trichloroethane
 Concen: 50.940 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		194920		
83	85.1	69.3	103.9		
85	55.2	44.3	66.5		
99	62.7	50.3	75.5		

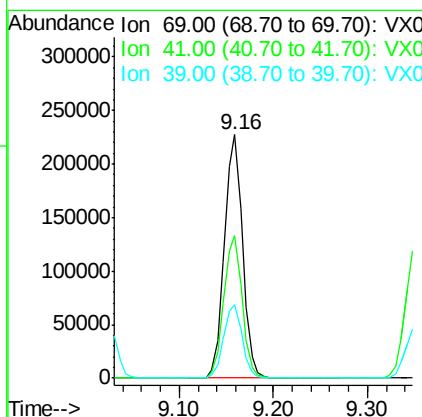
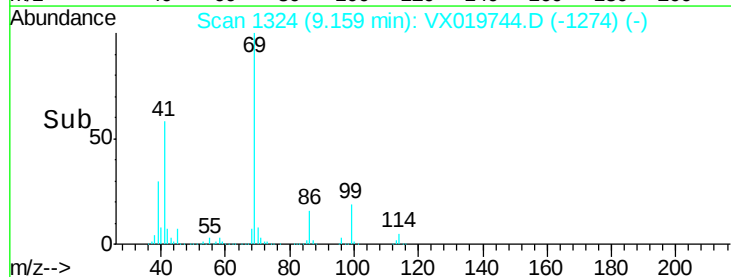
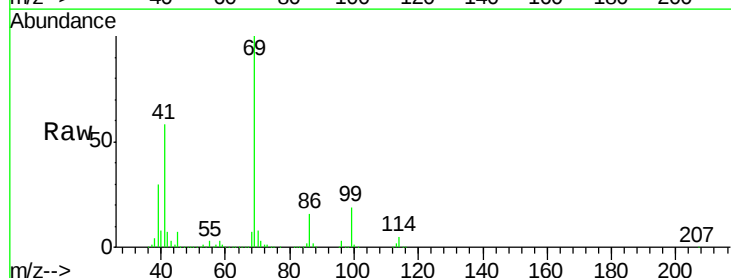
Manual Integrations
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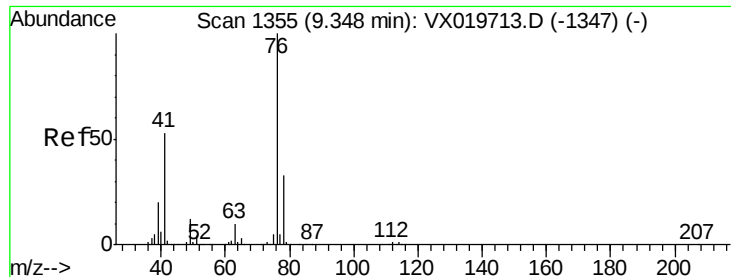
MMDadoda
 12/7/2020 10:53:27 AM



#56
 Ethyl methacrylate
 Concen: 52.626 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		304668		
41	58.6	46.8	70.2		
39	30.6	24.7	37.1		





#57

1,3-Dichloropropane

Concen: 50.239 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 328251

Ion Ratio Lower Upper

76 100

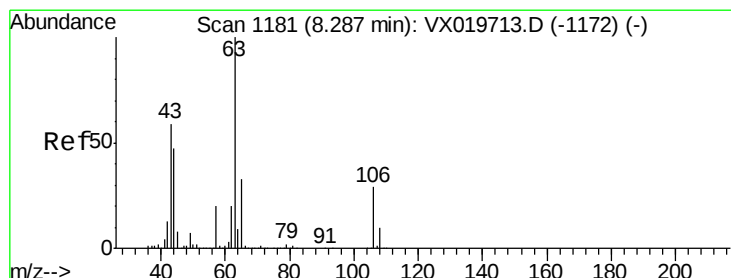
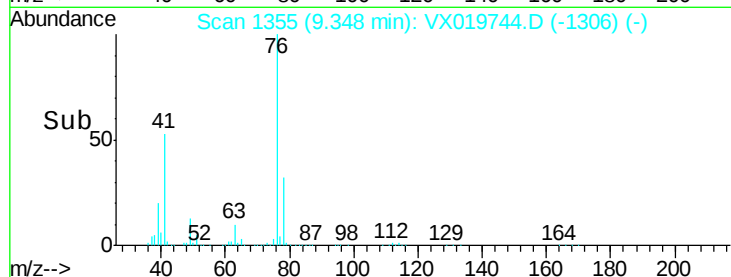
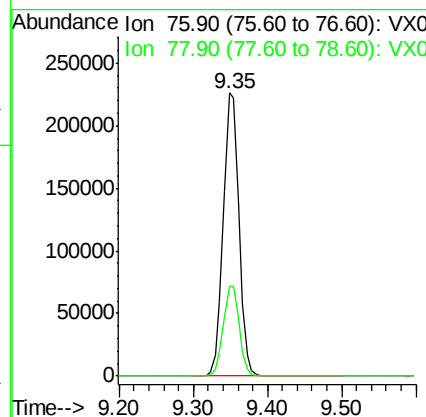
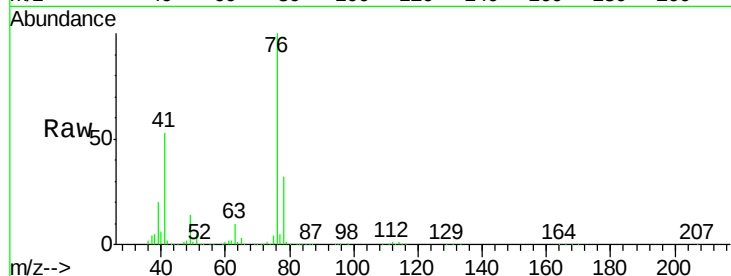
78 32.5 26.2 39.2

Manual Integrations

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MMDadoda

12/7/2020 10:53:27 AM



#58

2-Chloroethyl Vinyl ether

Concen: 254.933 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019744.D

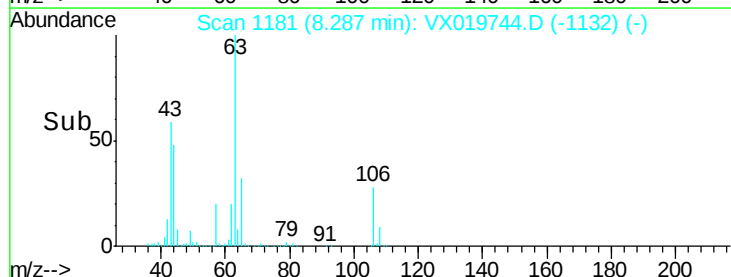
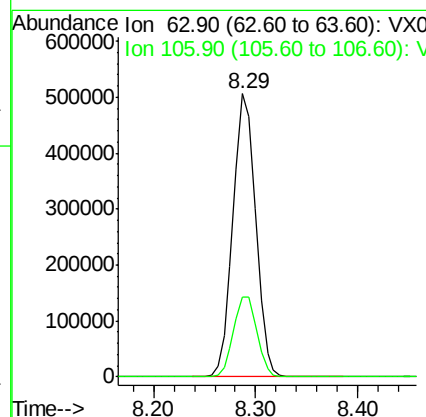
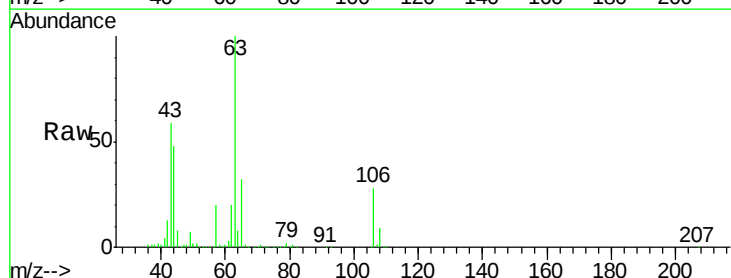
Acq: 05 Dec 2020 01:53

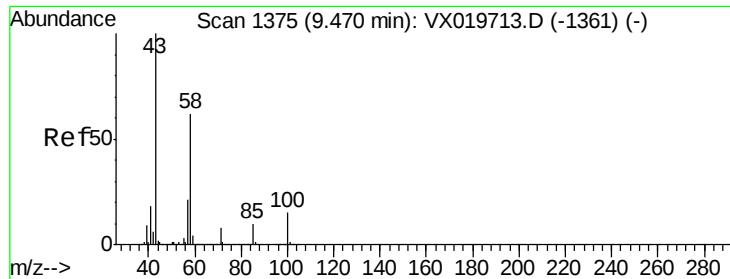
Tgt Ion: 63 Resp: 781871

Ion Ratio Lower Upper

63 100

106 29.3 23.5 35.3





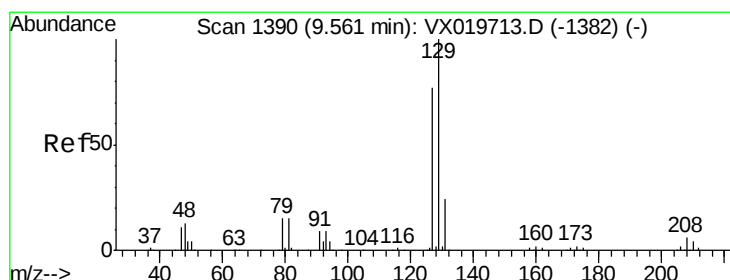
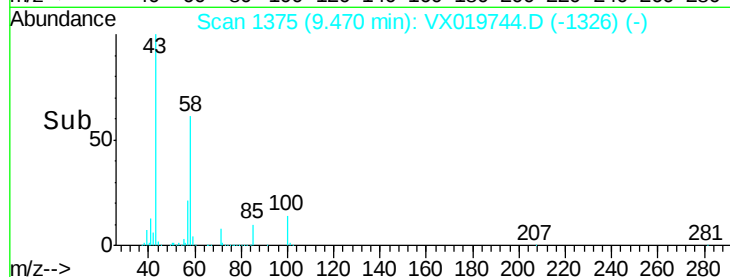
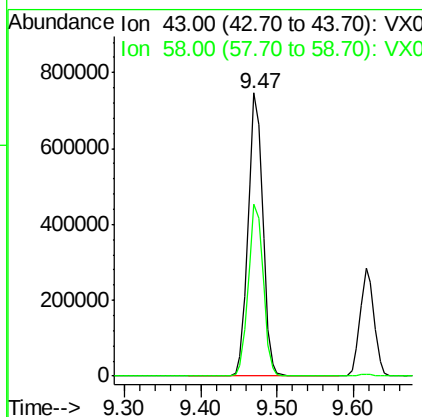
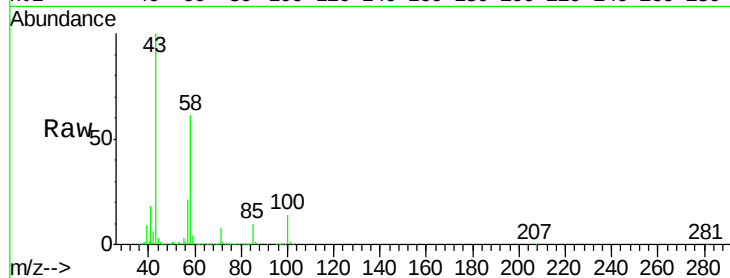
#59
2-Hexanone
Concen: 258.102 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.6	30.9	92.8

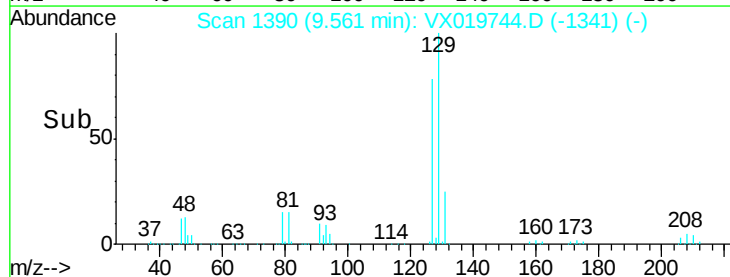
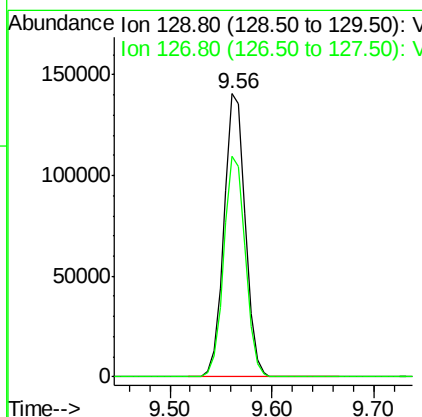
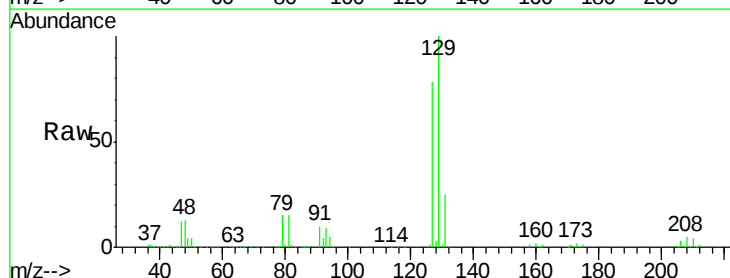
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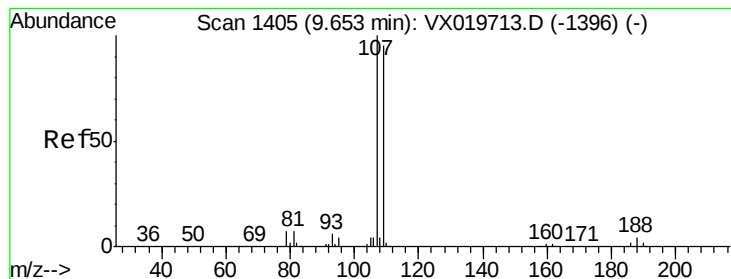
MMDadoda
12/7/2020 10:53:27 AM



#60
Dibromochloromethane
Concen: 52.145 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.9	38.4	115.2





#61

1,2-Dibromoethane

Concen: 50.343 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 204557

Ion Ratio Lower Upper

107 100

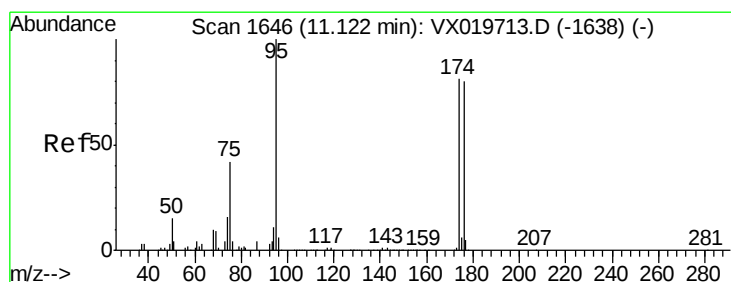
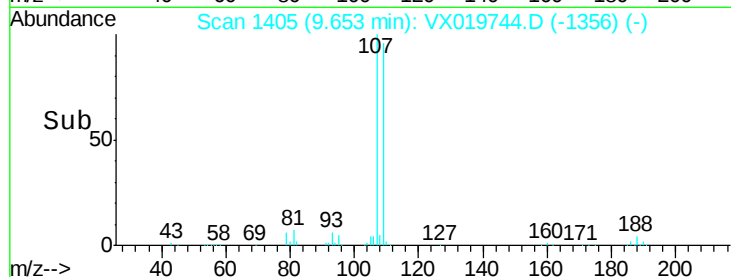
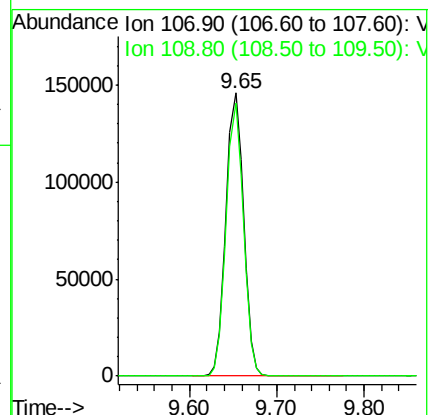
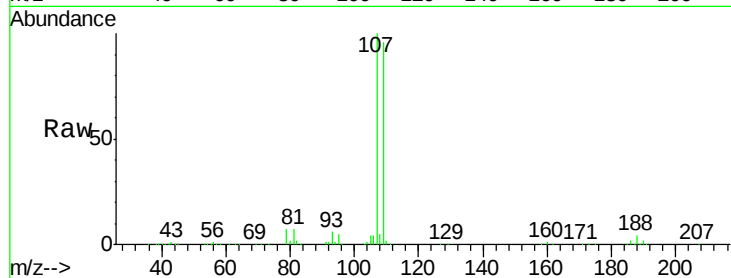
109 94.4 75.8 113.6

Manual Integrations

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MMDadoda

12/7/2020 10:53:27 AM



#62

4-Bromofluorobenzene

Concen: 49.530 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

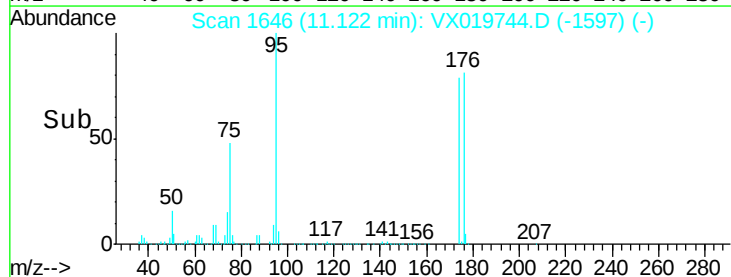
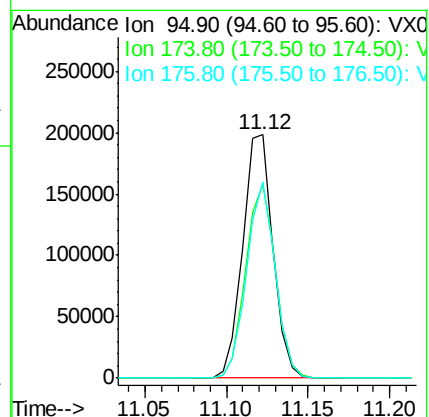
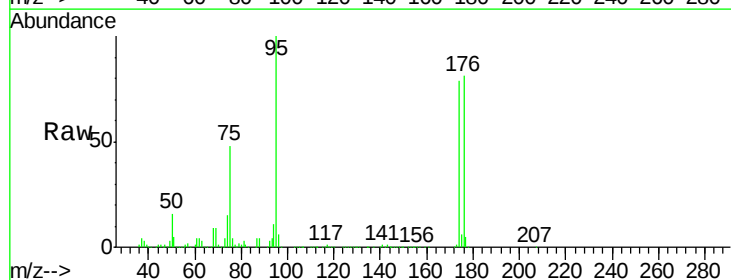
Tgt Ion: 95 Resp: 255829

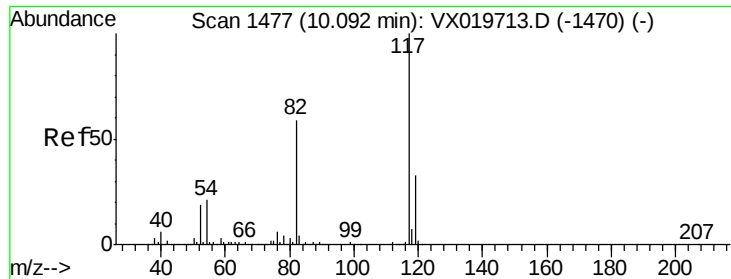
Ion Ratio Lower Upper

95 100

174 78.5 0.0 154.6

176 76.4 0.0 155.8





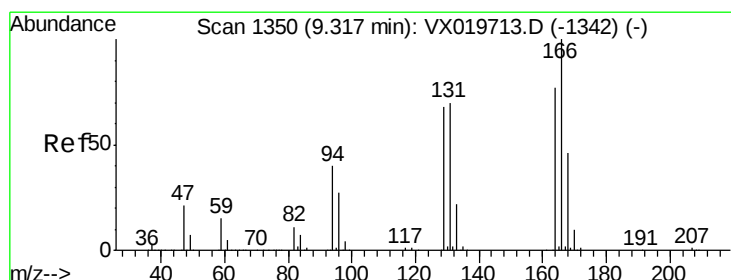
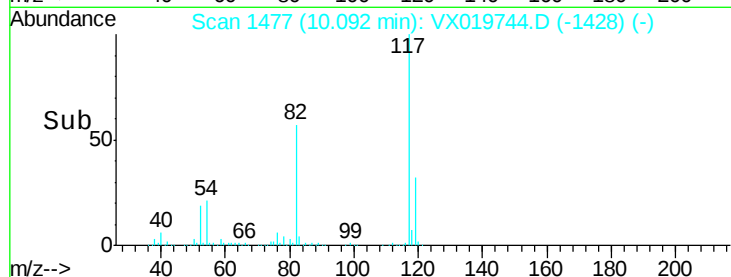
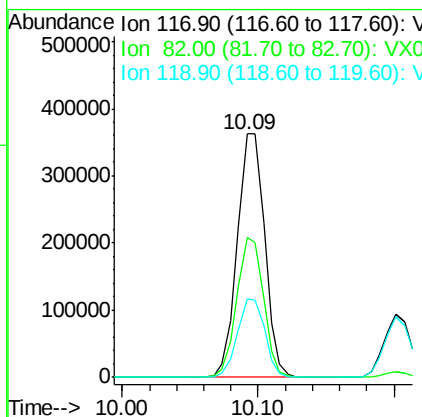
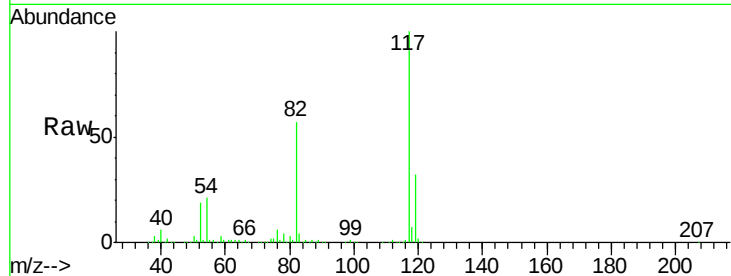
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	509722		
82	57.3		47.4	71.2
119	32.1		26.6	39.8

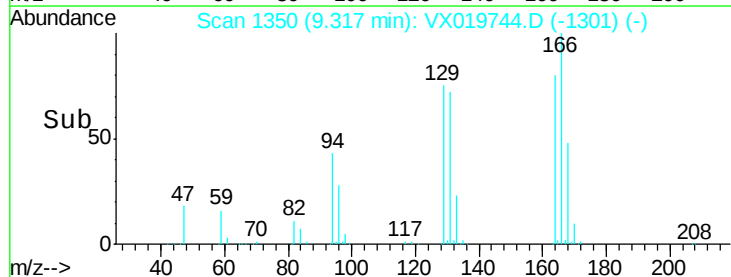
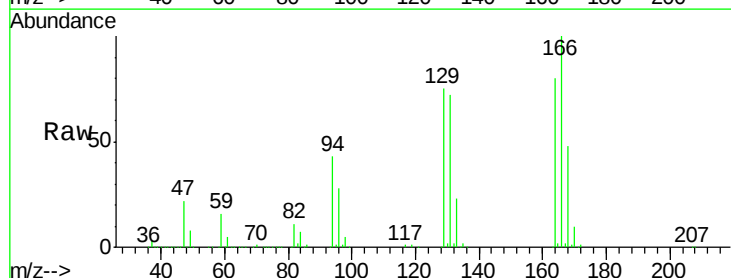
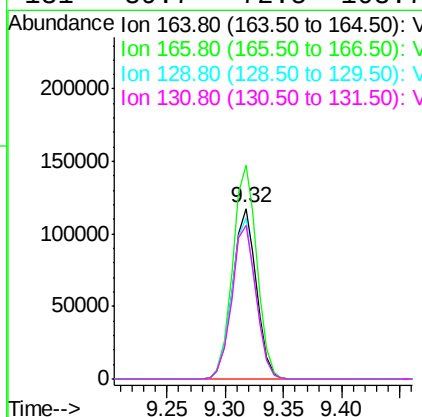
Manual Integrations
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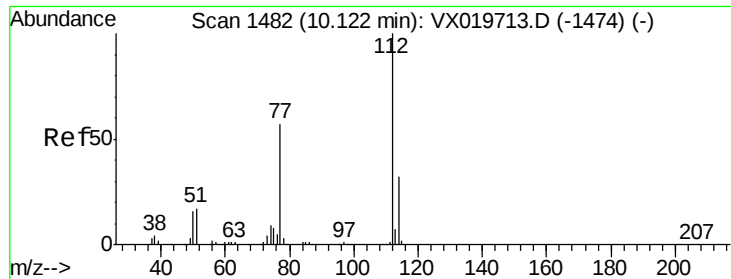
MMDadoda
12/7/2020 10:53:27 AM



#64
Tetrachloroethene
Concen: 48.862 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	167026		
166	125.1		103.4	155.2
129	94.1		70.8	106.2
131	89.7		72.5	108.7





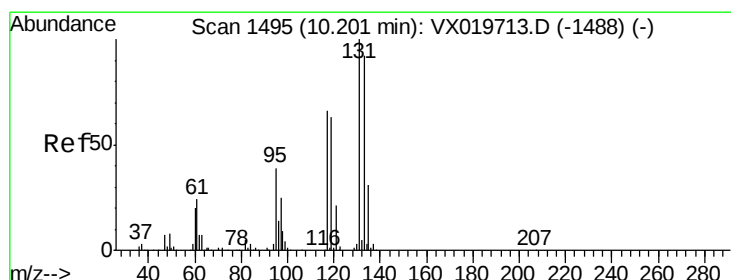
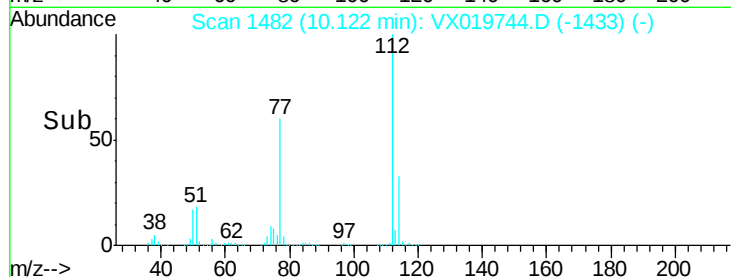
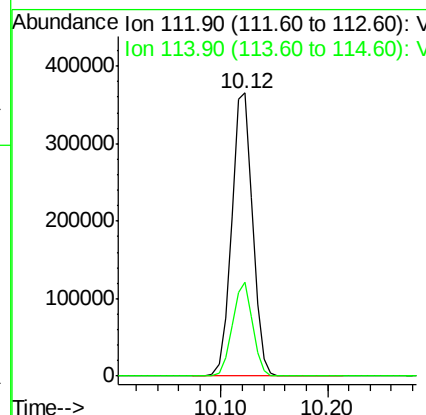
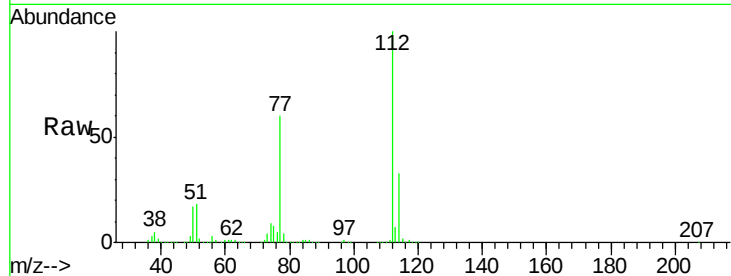
#65
Chlorobenzene
Concen: 49.528 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.8	38.6

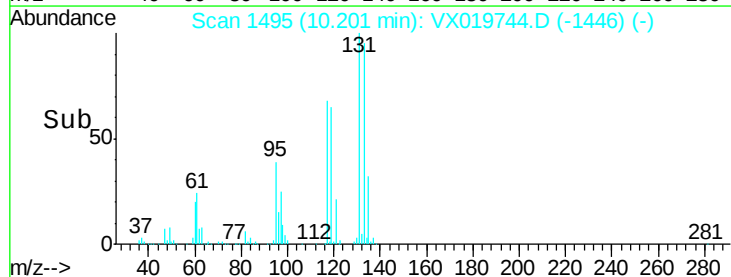
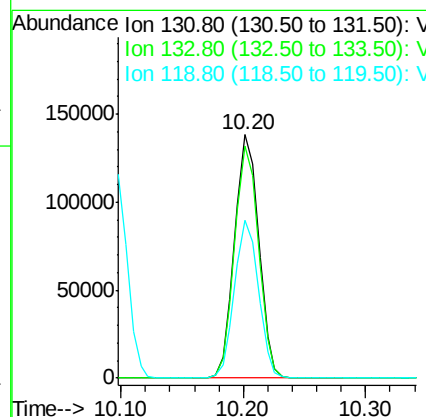
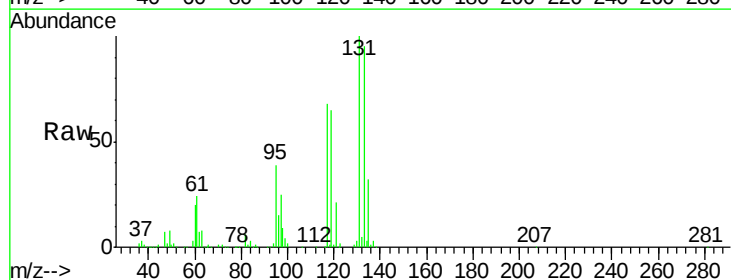
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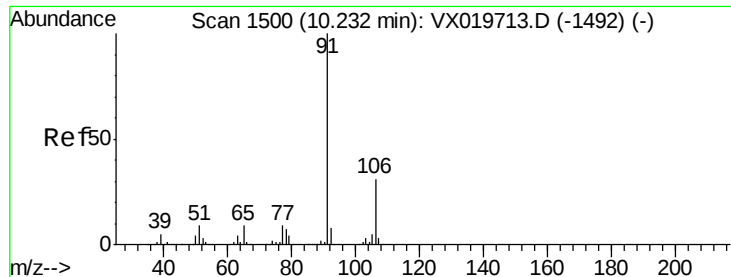
MMDadoda
12/7/2020 10:53:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.741 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.7	143.1
119	64.4	32.1	96.5





#67

Ethyl Benzene

Concen: 50.767 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 915120

Ion Ratio Lower Upper

91 100

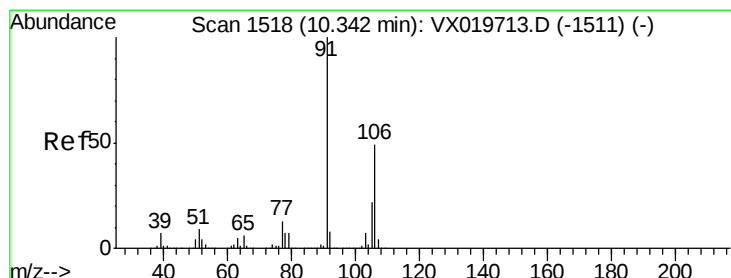
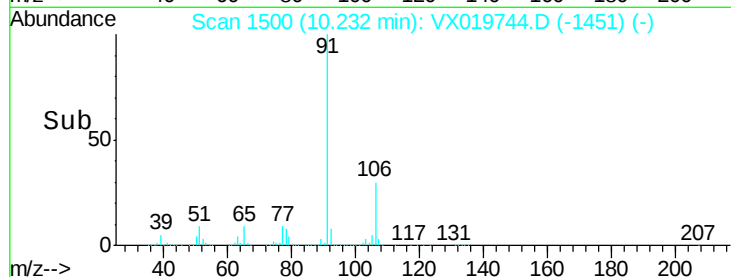
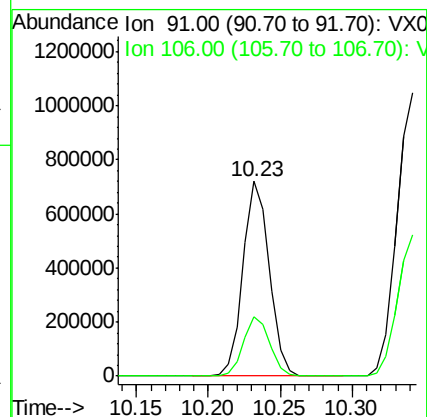
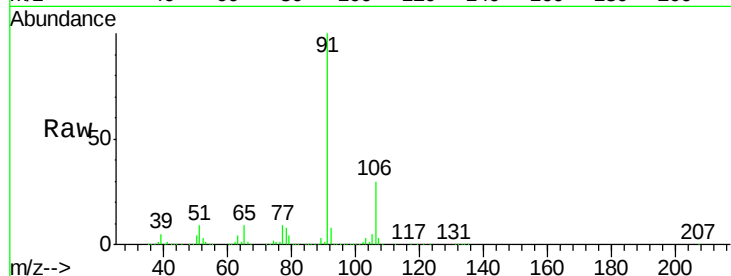
106 30.4 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:27 AM



#68

m/p-Xylenes

Concen: 100.845 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019744.D

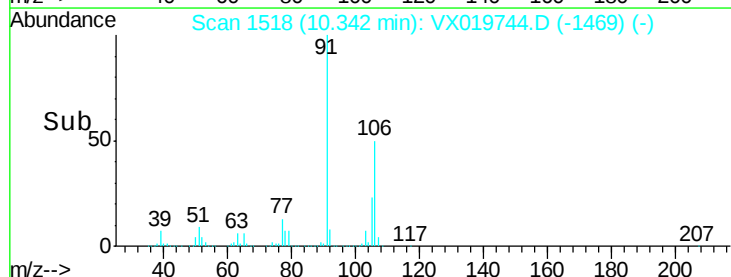
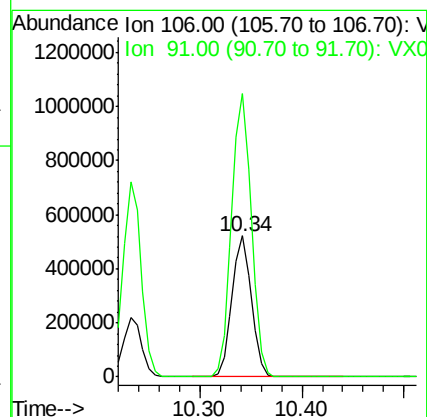
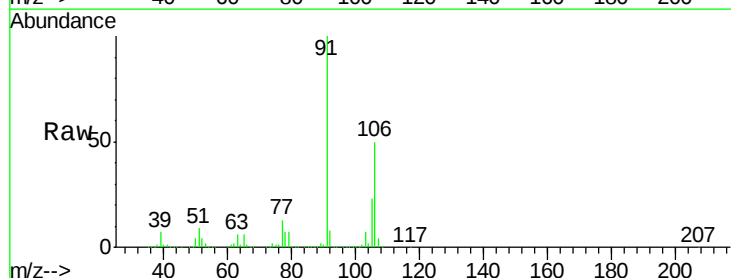
Acq: 05 Dec 2020 01:53

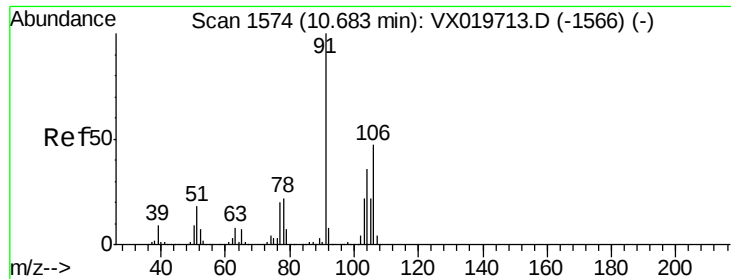
Tgt Ion: 106 Resp: 684976

Ion Ratio Lower Upper

106 100

91 204.6 162.8 244.2





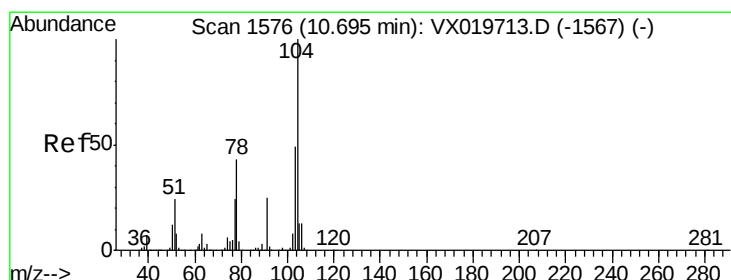
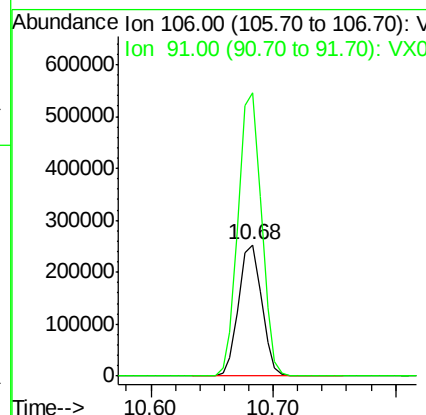
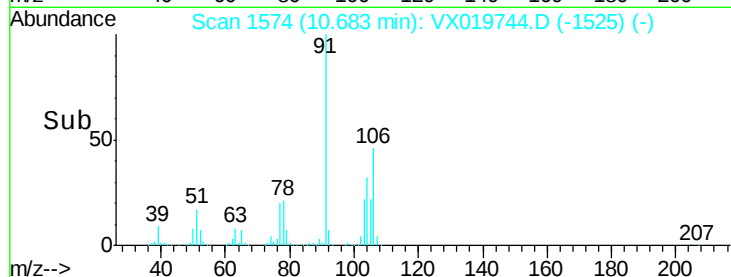
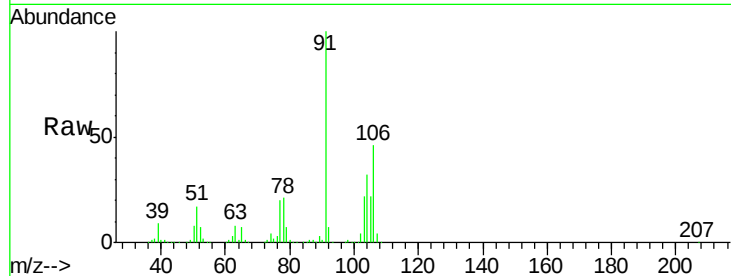
#69
o-Xylene
Concen: 50.730 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.7	108.1	324.2

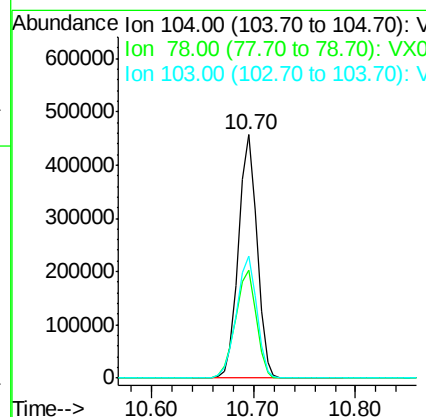
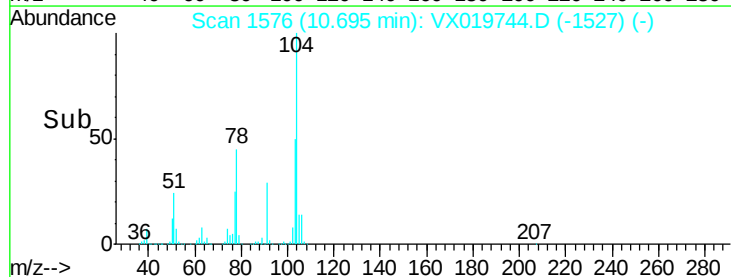
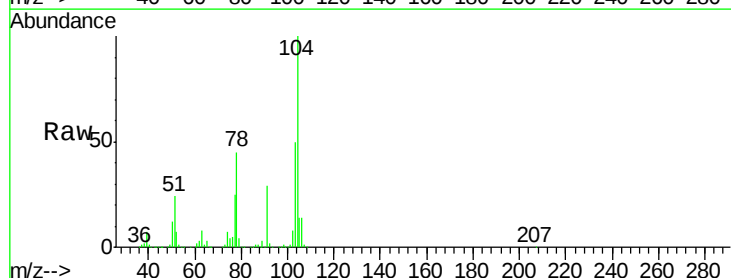
Manual Integrations
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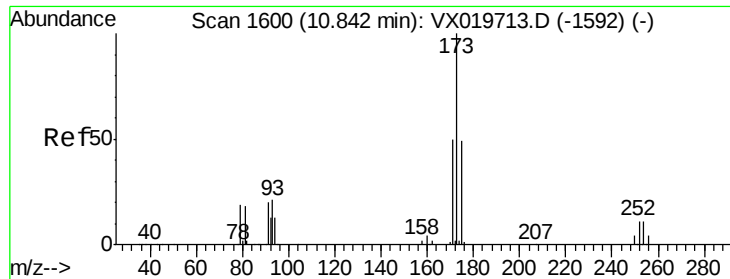
MMDadoda
12/7/2020 10:53:27 AM



#70
Styrene
Concen: 51.761 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.0	60.0
103	54.8	43.4	65.0





#71

Bromoform

Concen: 52.253 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

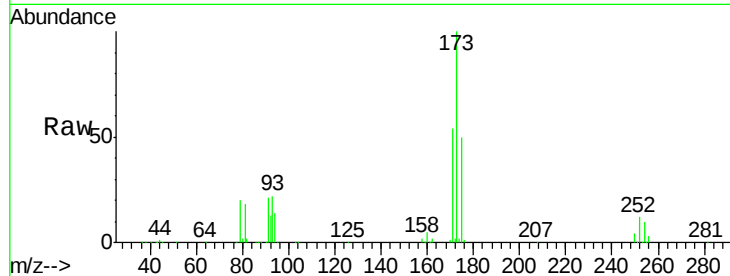
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.9	71.8
254	0.1	0.1	0.1

Manual Integrations
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MMDadoda
12/7/2020 10:53:27 AM

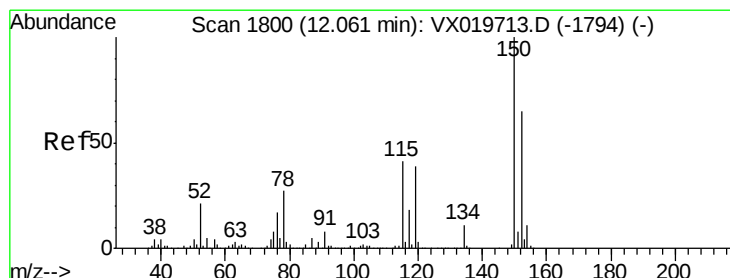
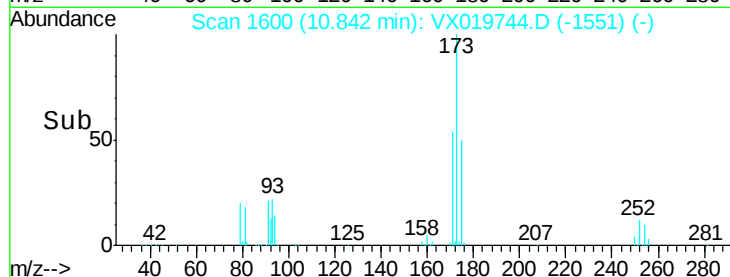
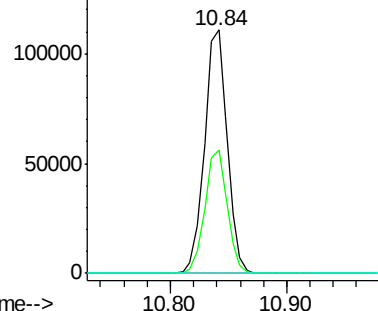


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

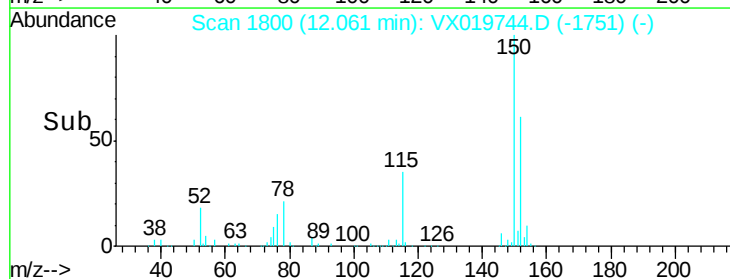
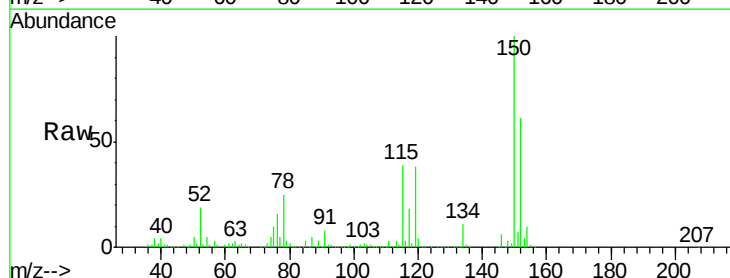
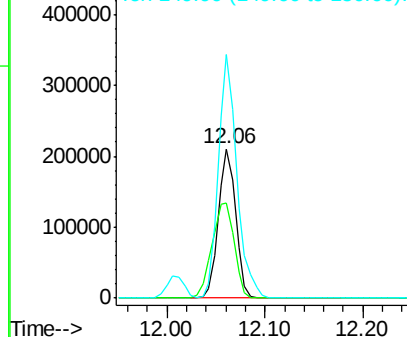
Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.0	41.1	123.3
150	174.4	0.0	349.0

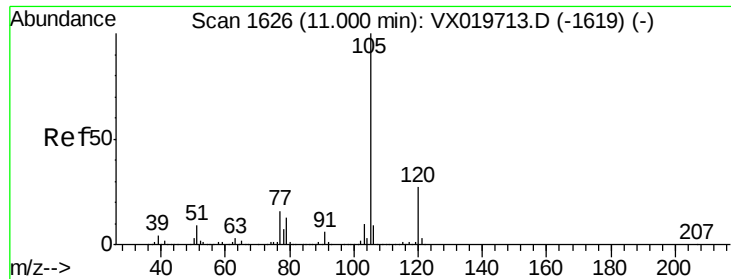
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.430 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 889036

Ion Ratio Lower Upper

105 100

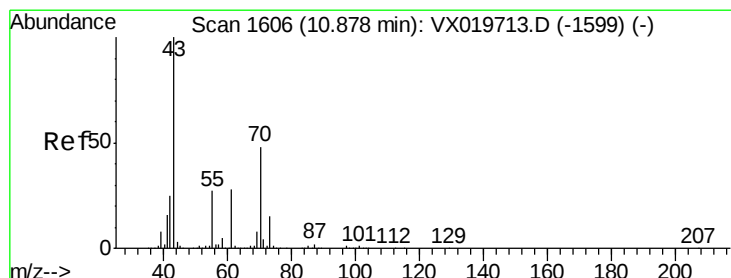
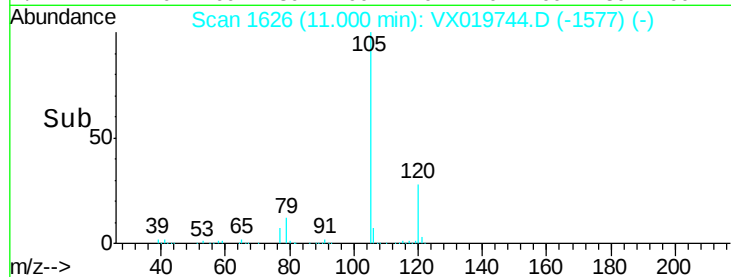
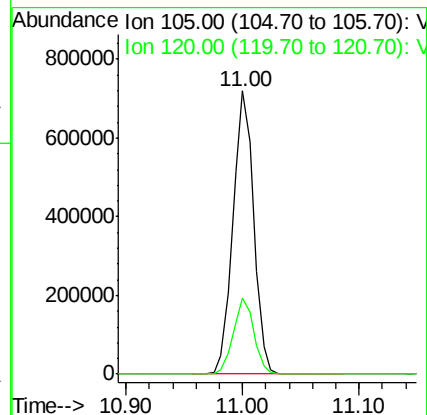
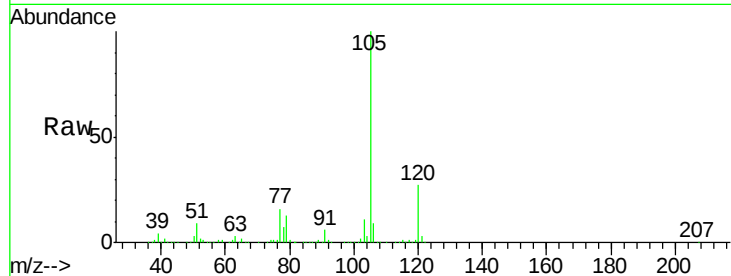
120 26.6 13.2 39.6

Manual Integrations

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MMDadoda

12/7/2020 10:53:27 AM



#74

N-ethyl acetate

Concen: 51.588 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Tgt Ion: 43 Resp: 364456

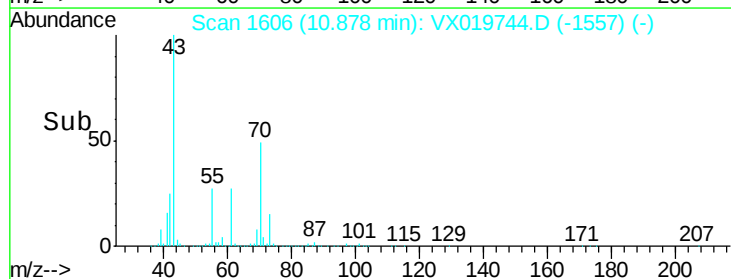
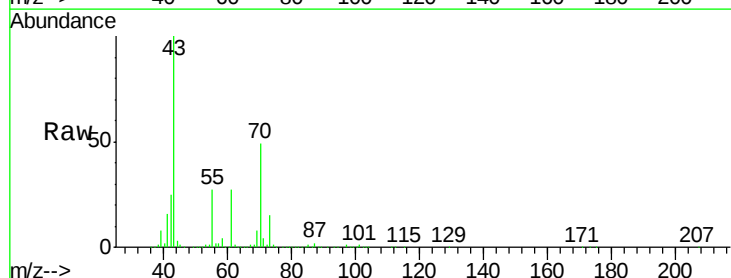
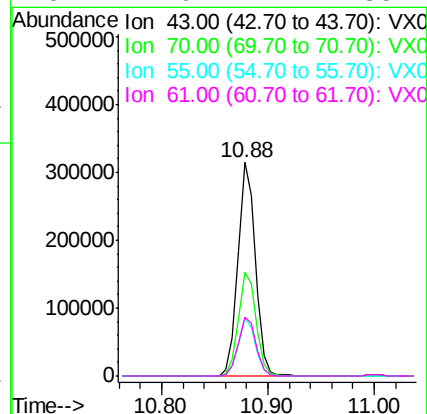
Ion Ratio Lower Upper

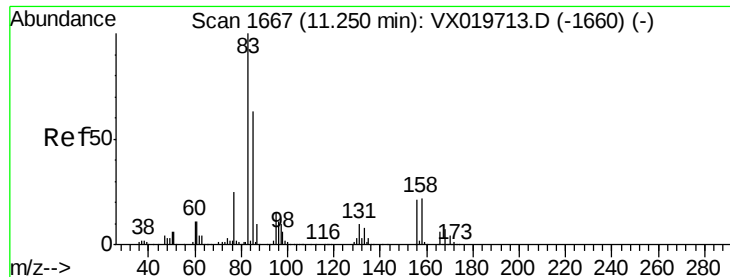
43 100

70 49.5 39.0 58.6

55 27.0 21.5 32.3

61 27.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.724 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

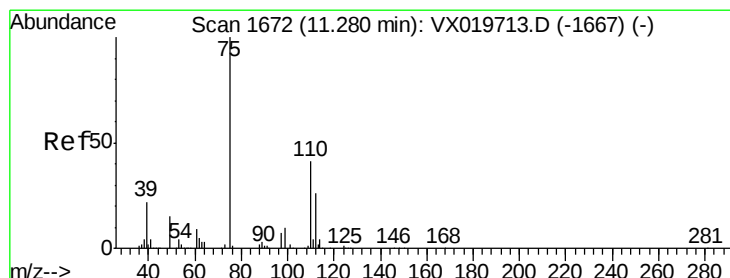
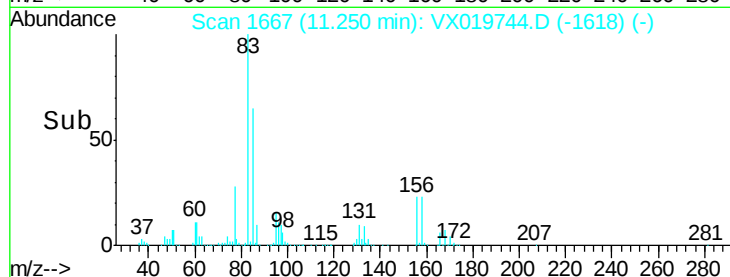
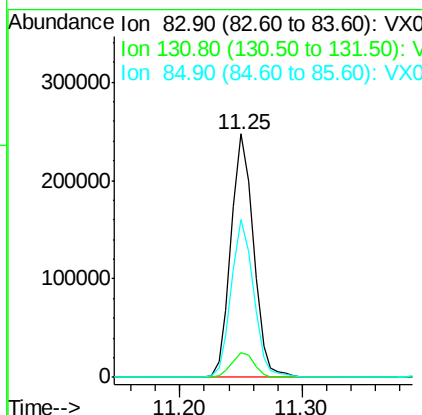
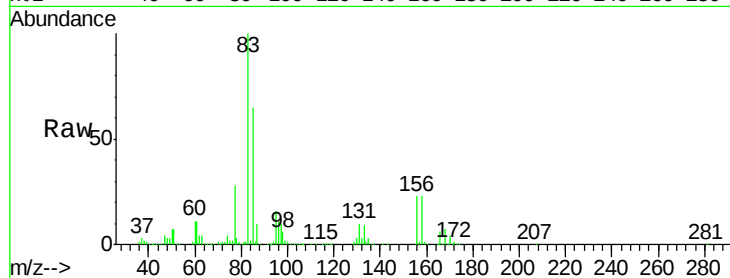
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	315270
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.2
85	64.5	31.8	95.4

Manual Integrations
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12/7/2020 10:53:27 AM



#76

1,2,3-Trichloropropane

Concen: 50.280 ug/l m

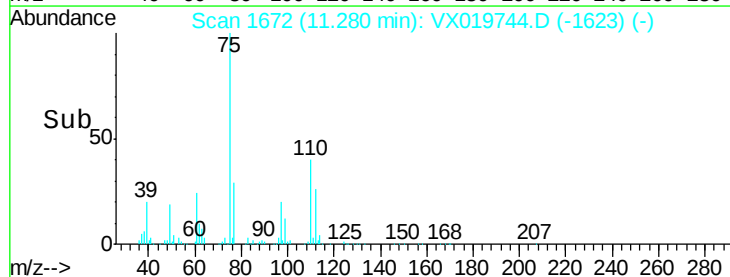
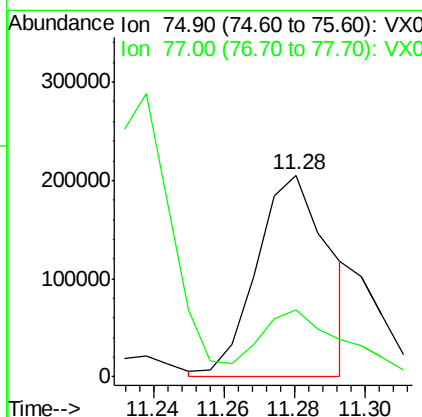
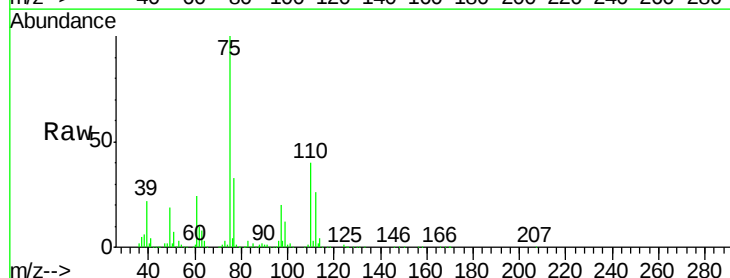
RT: 11.28 min Scan# 1672

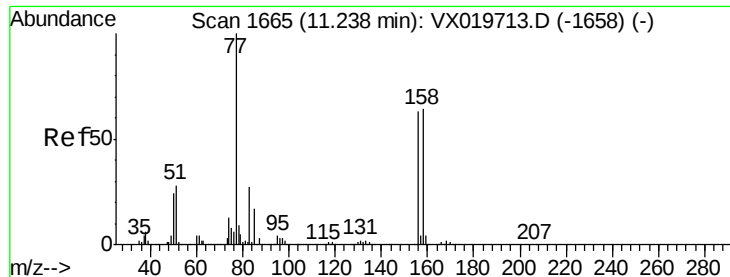
Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Tgt Ion:	75	Resp:	290993
Ion Ratio	Lower	Upper	
75	100		
77	38.6	19.1	57.5





#77

Bromobenzene

Concen: 49.417 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

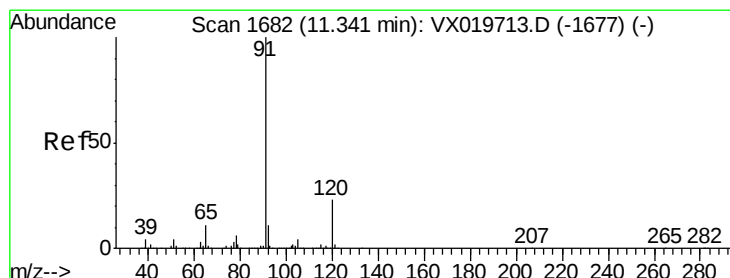
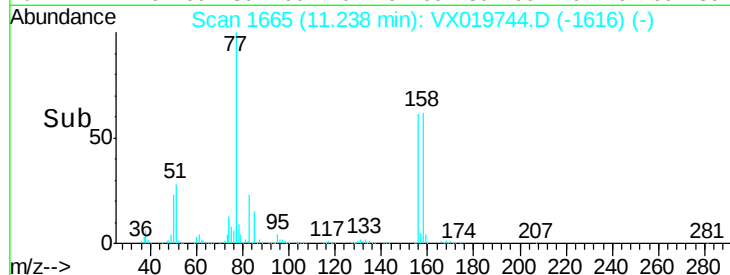
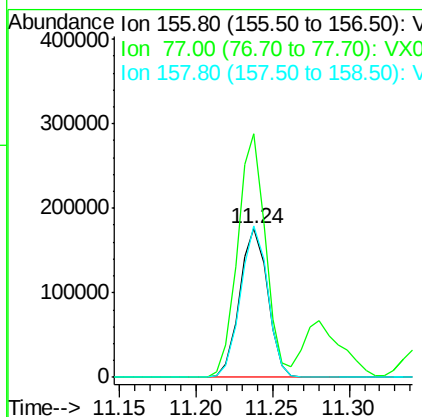
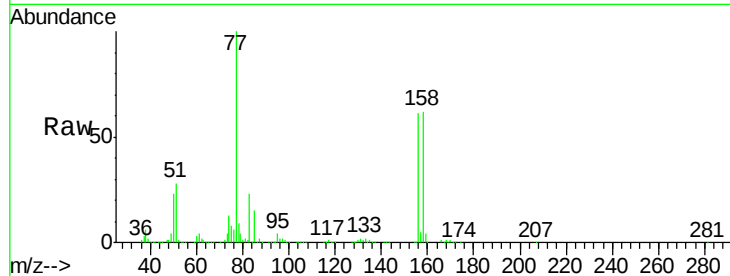
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	222947
Ion Ratio	Lower	Upper	
156	100		
77	163.7	82.8	248.6
158	99.3	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 50.764 ug/l

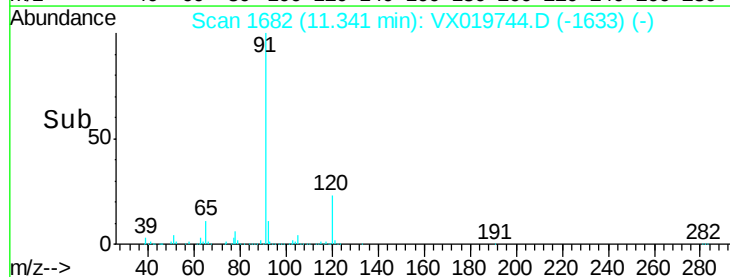
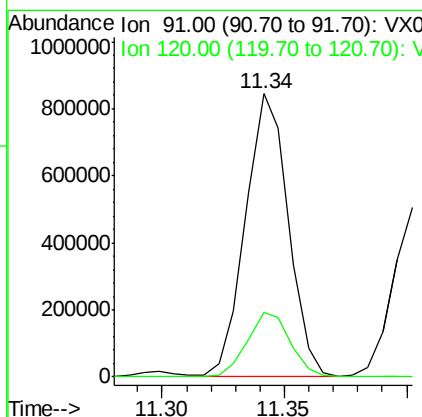
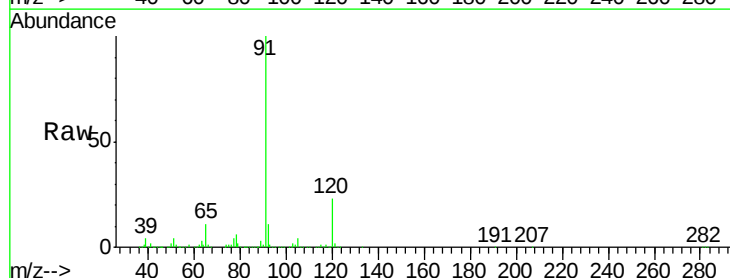
RT: 11.34 min Scan# 1682

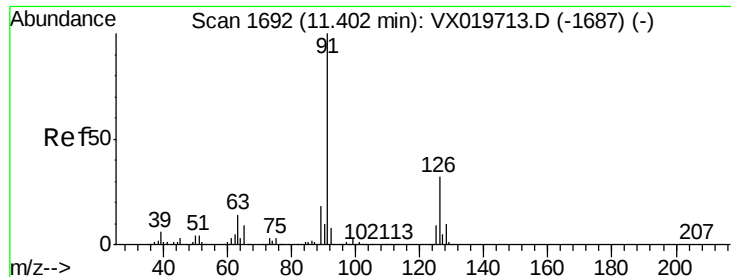
Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Tgt Ion:	91	Resp:	1022151
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 49.423 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 612830

Ion Ratio Lower Upper

91 100

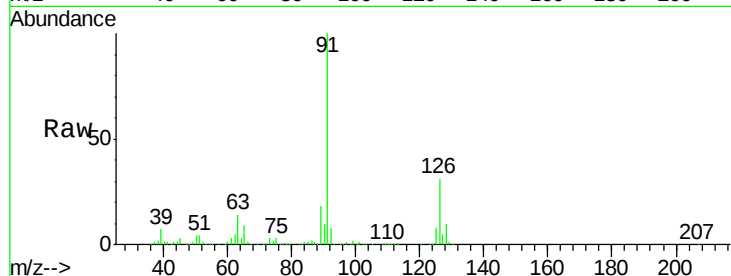
126 33.1 16.6 49.8

Manual Integrations

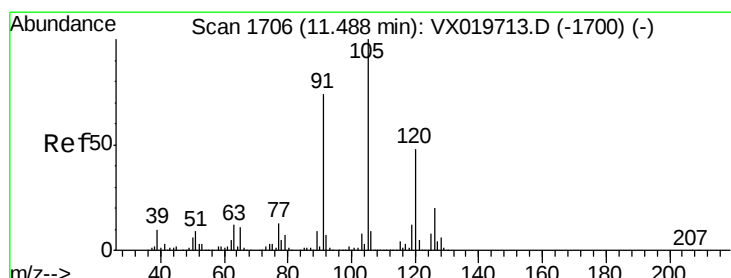
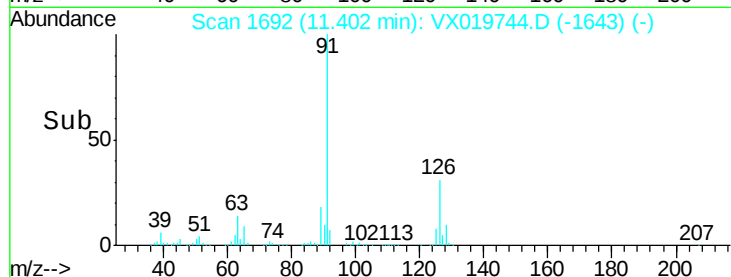
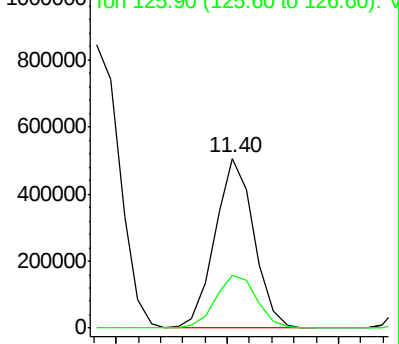
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Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.380 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019744.D

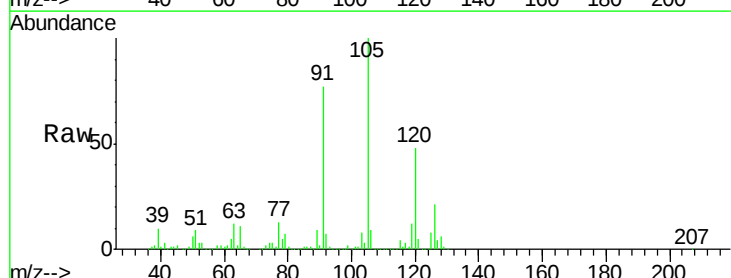
Acq: 05 Dec 2020 01:53

Tgt Ion: 105 Resp: 749586

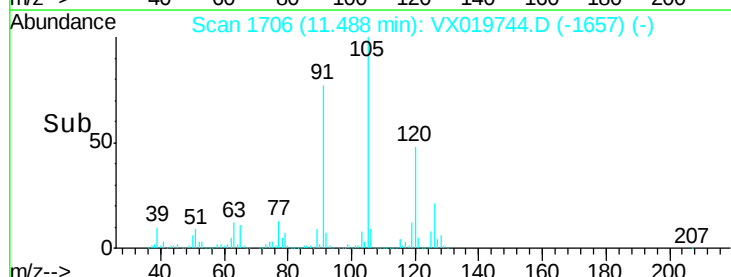
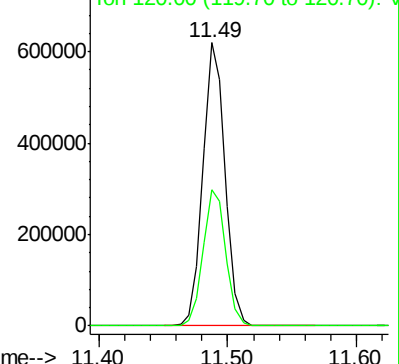
Ion Ratio Lower Upper

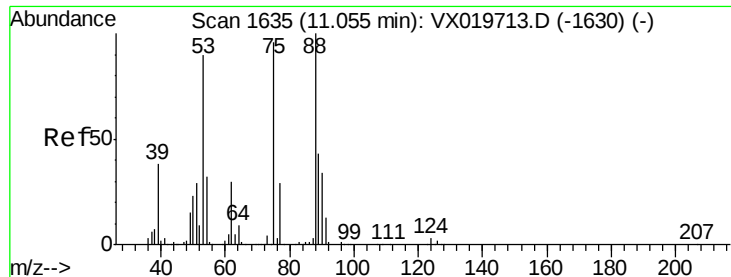
105 100

120 49.3 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.323 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

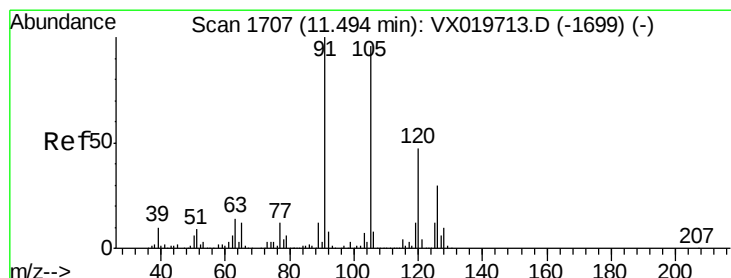
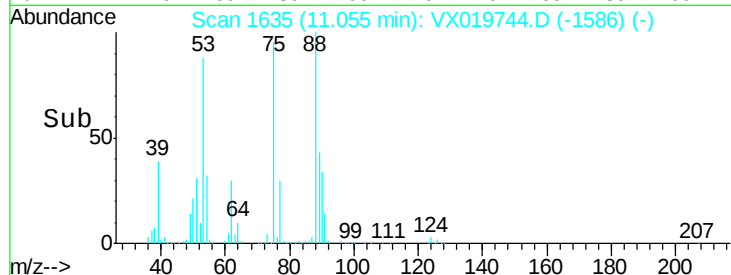
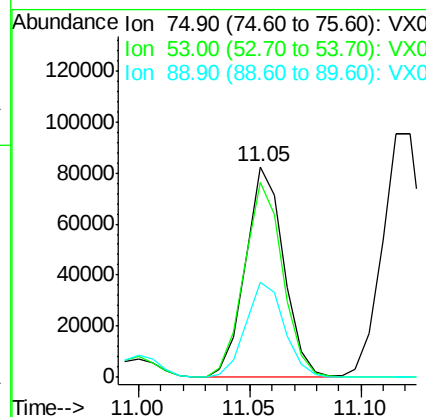
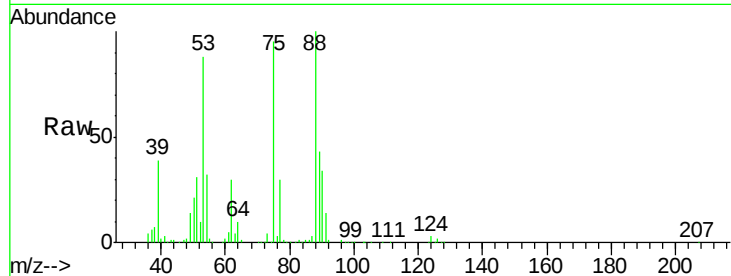
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	98745
Ion Ratio	Lower	Upper	
75	100		
53	93.6	74.5	111.7
89	46.0	37.9	56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.729 ug/l

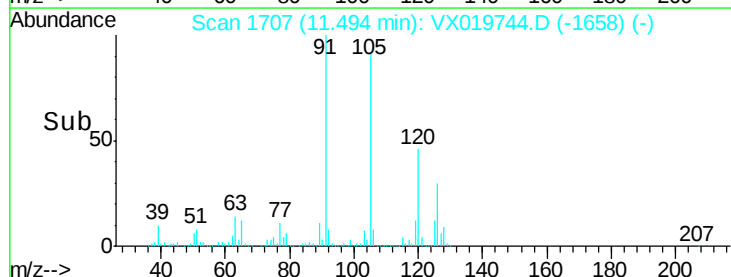
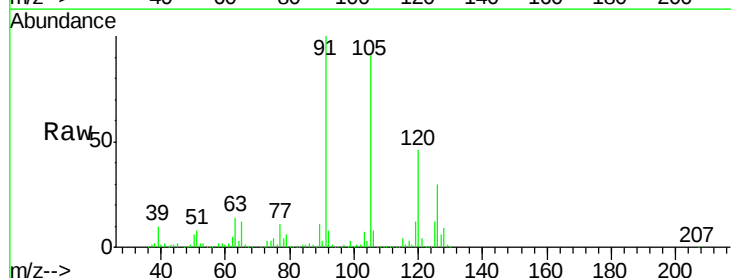
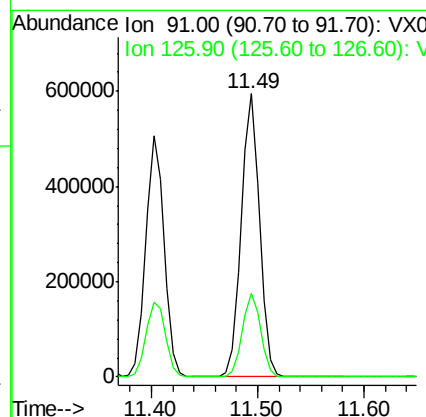
RT: 11.49 min Scan# 1707

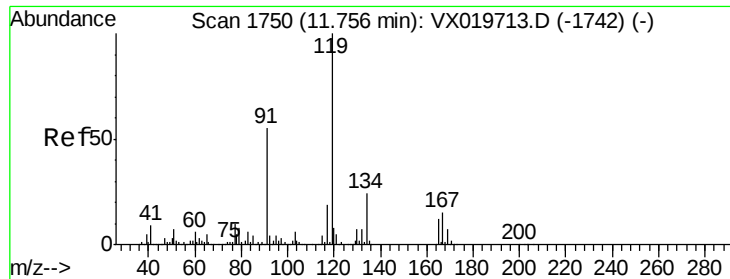
Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Tgt Ion:	91	Resp:	722166
Ion Ratio	Lower	Upper	
91	100		
126	29.4	14.9	44.5





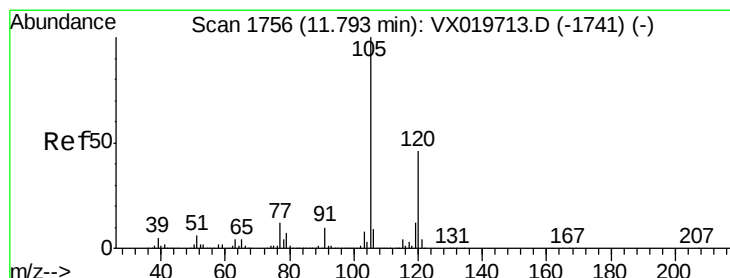
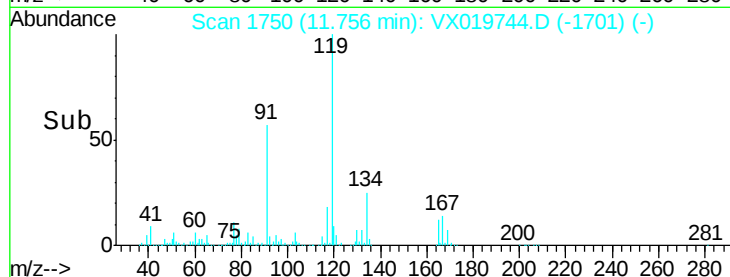
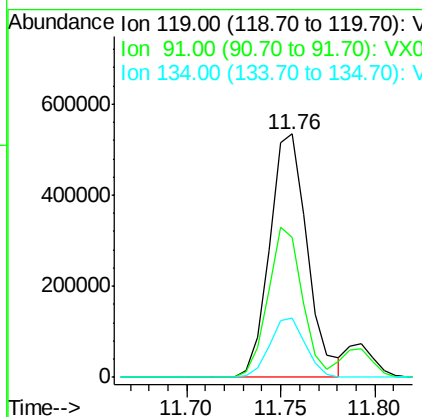
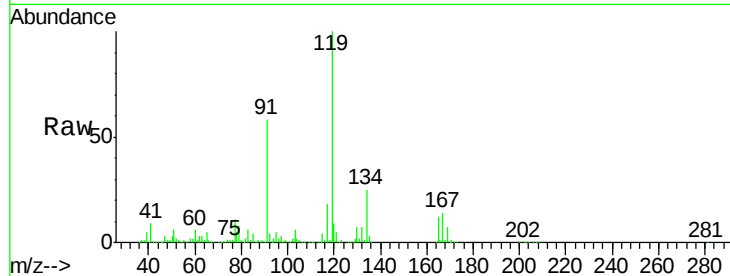
#83
tert-Butylbenzene
Concen: 50.661 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	27.9	83.7
134	23.2	11.3	33.9

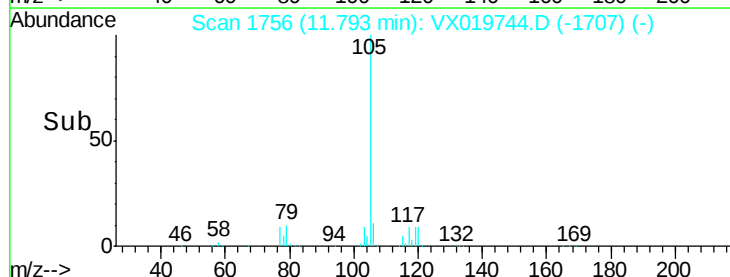
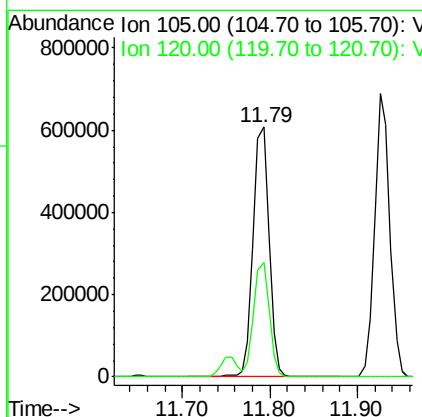
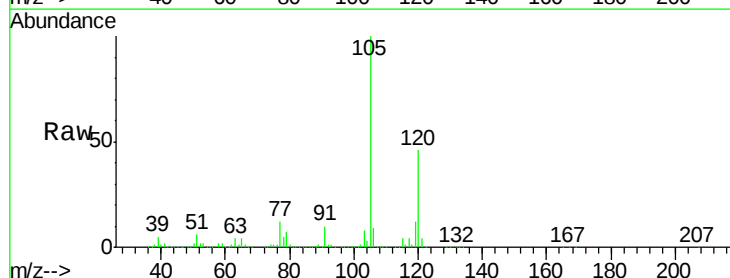
Manual Integrations
APPROVED

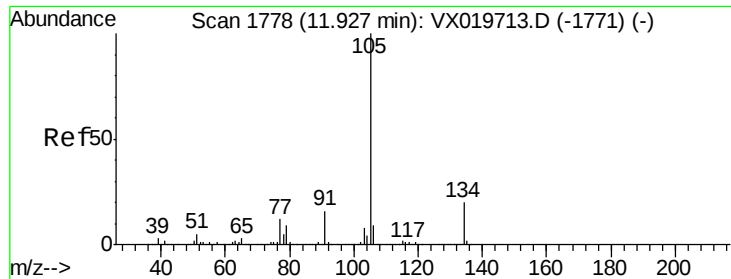
MMDadoda
12/7/2020 10:53:27 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.847 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3





#85

sec-Butylbenzene

Concen: 50.328 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 838469

Ion Ratio Lower Upper

105 100

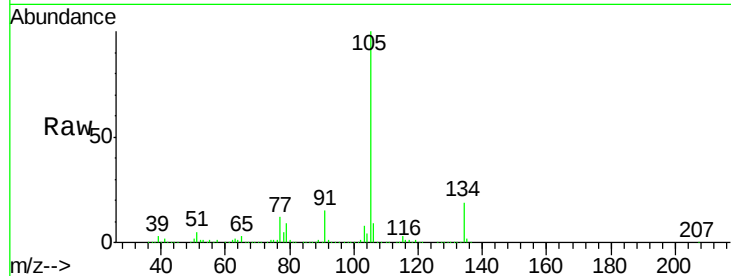
134 20.1 10.0 29.8

Manual Integrations

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12/7/2020 10:53:27 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

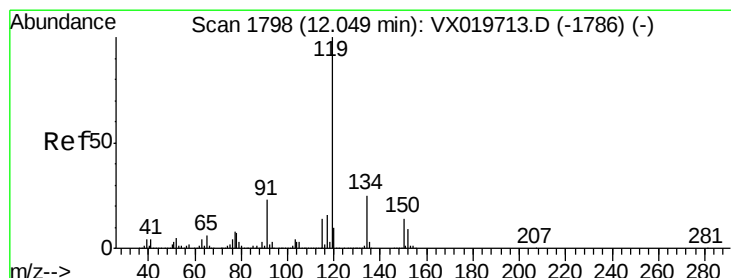
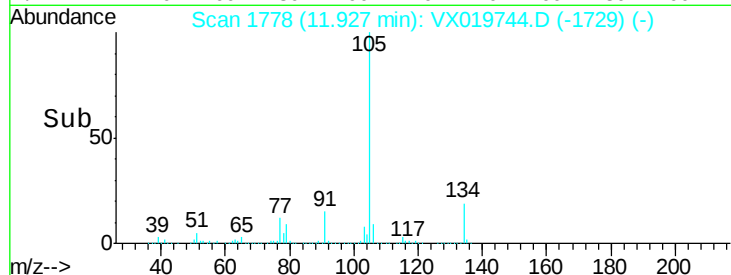
400000

200000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 50.297 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

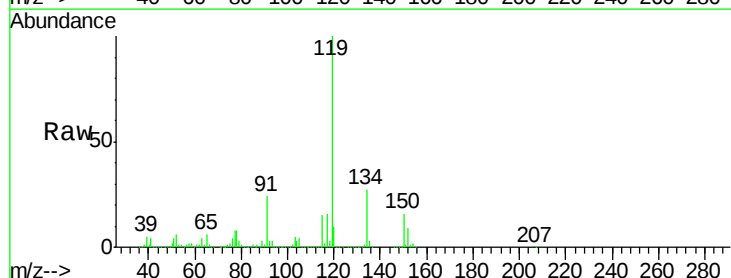
Tgt Ion:119 Resp: 767969

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 23.6 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

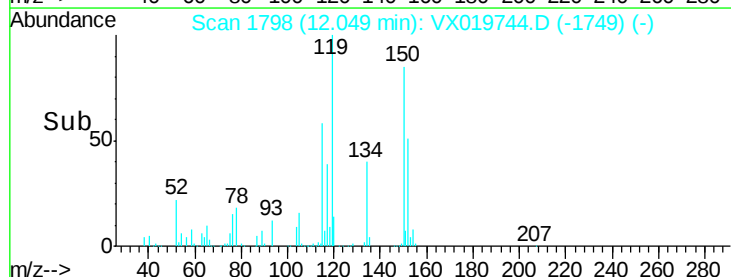
400000

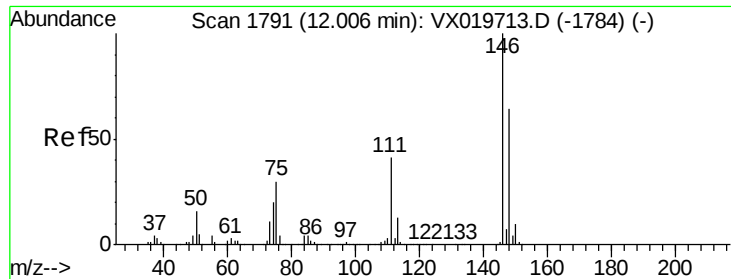
200000

0

11.90 12.00 12.10 12.20

Time-->





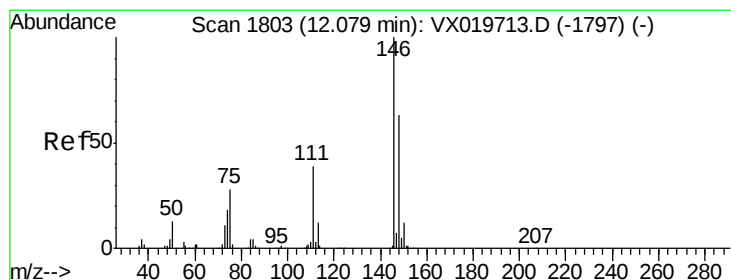
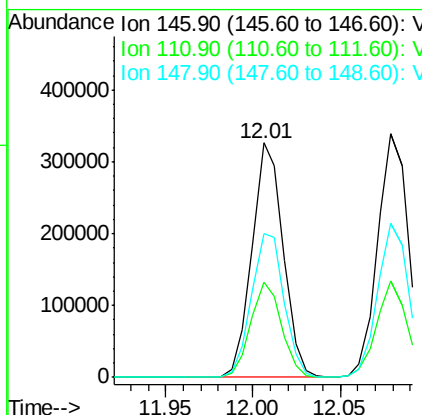
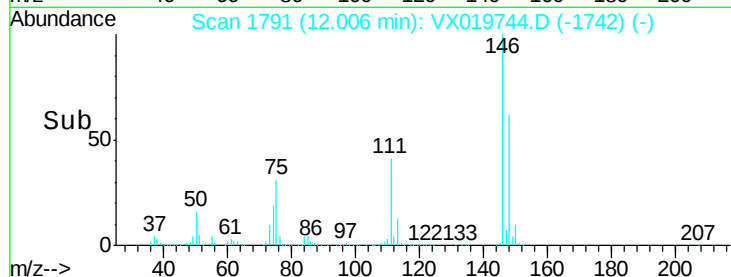
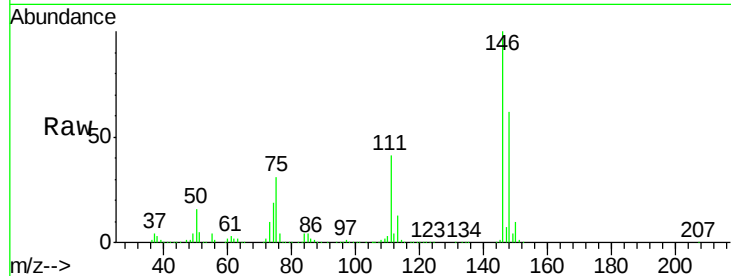
#87
 1,3-Dichlorobenzene
 Concen: 48.787 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	64.4	31.9	95.7

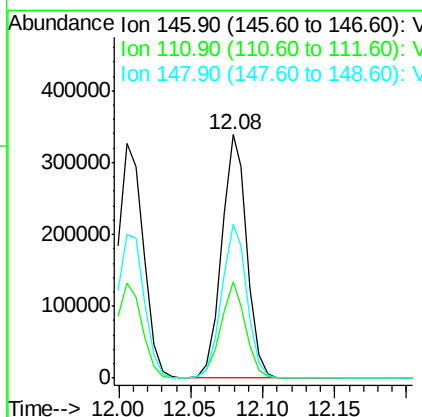
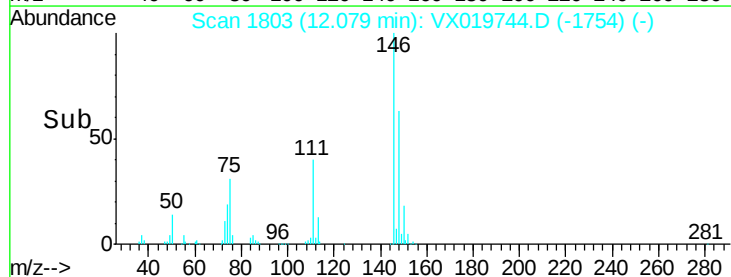
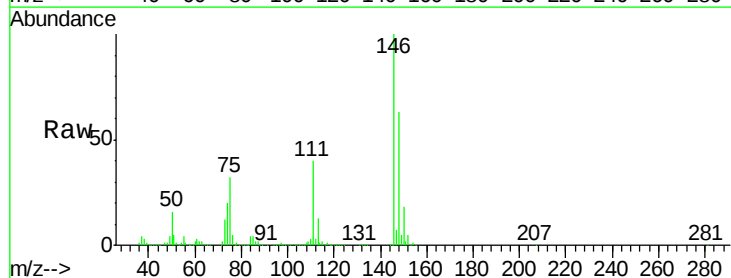
Manual Integrations
 APPROVED

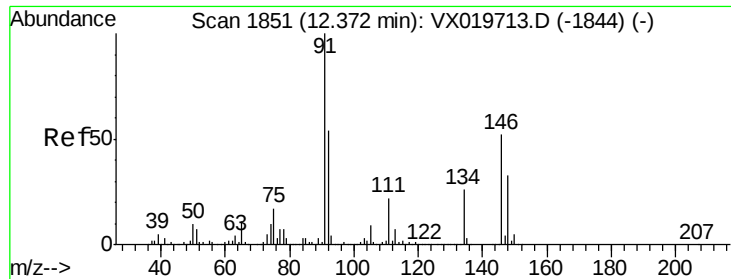
MMDadoda
 12/7/2020 10:53:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.248 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.8
148	63.5	31.6	95.0





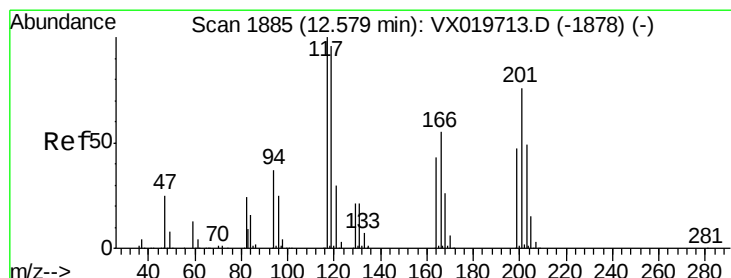
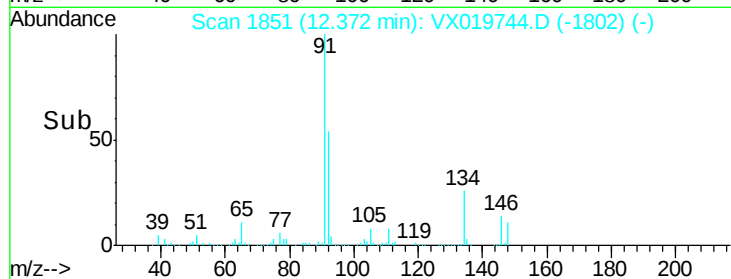
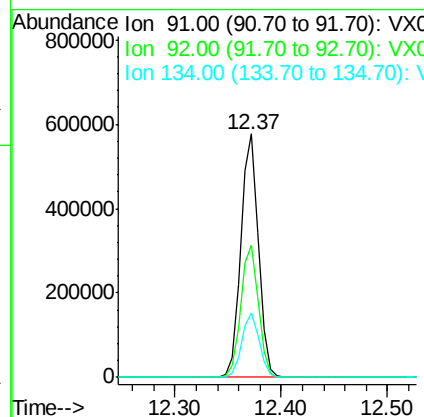
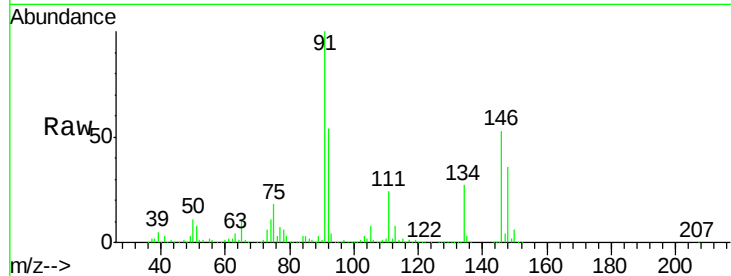
#89
n-Butylbenzene
Concen: 49.427 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.0
134	26.2	13.2	39.5

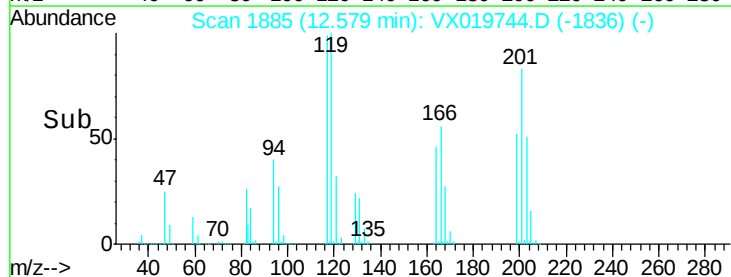
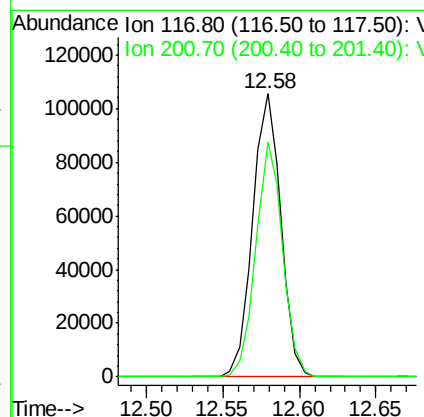
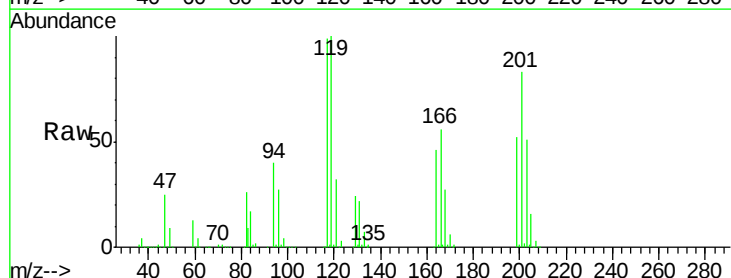
Manual Integrations
APPROVED

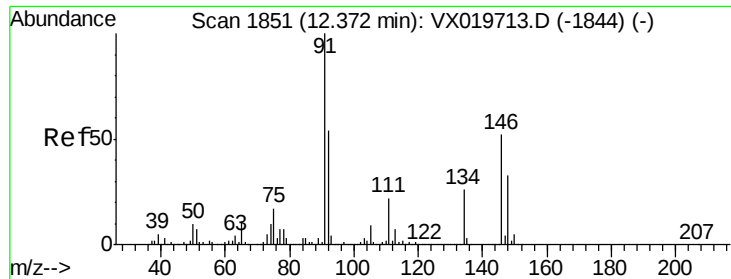
MMDadoda
12/7/2020 10:53:27 AM



#90
Hexachloroethane
Concen: 51.055 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.3	40.4	121.2





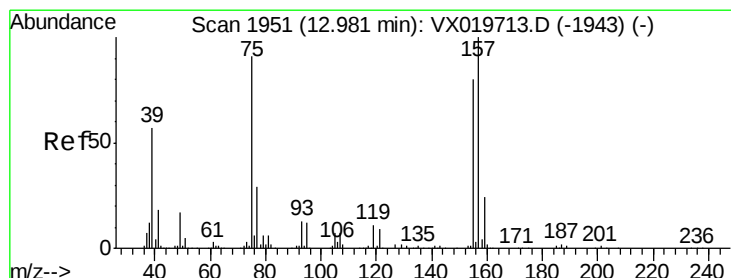
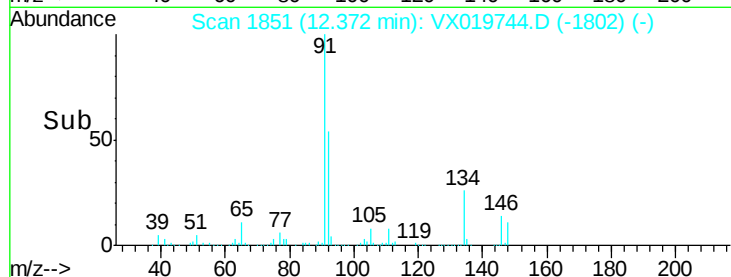
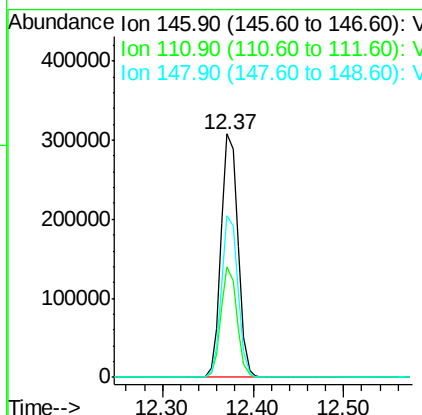
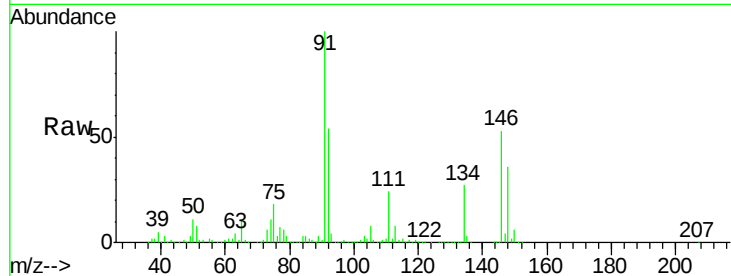
#91
 1,2-Dichlorobenzene
 Concen: 49.571 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.8	62.2
148	64.9	31.9	95.5

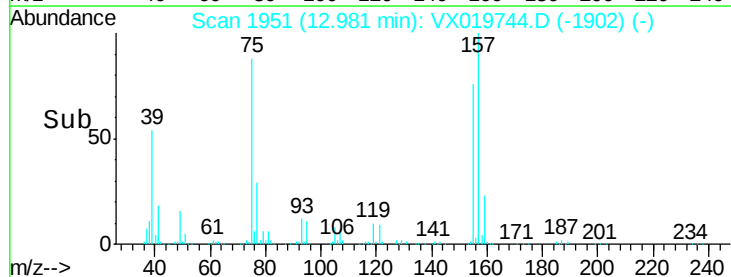
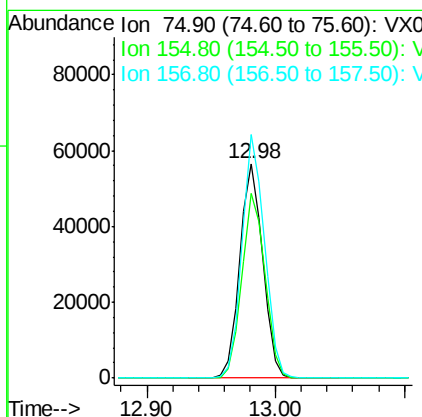
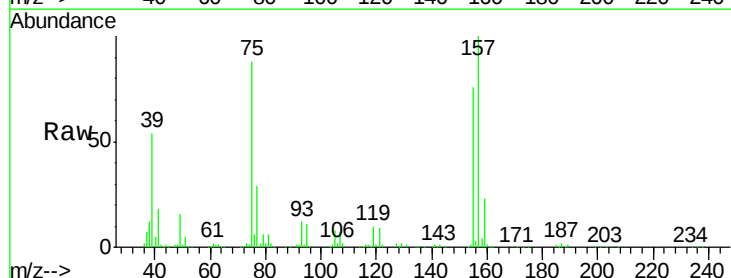
Manual Integrations
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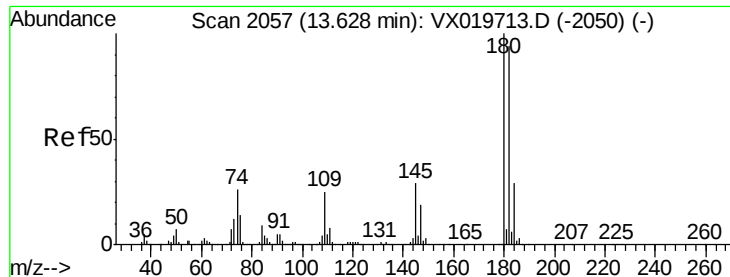
MMDadoda
 12/7/2020 10:53:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.184 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019744.D
 Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	45.3	135.9
157	110.8	57.7	173.1





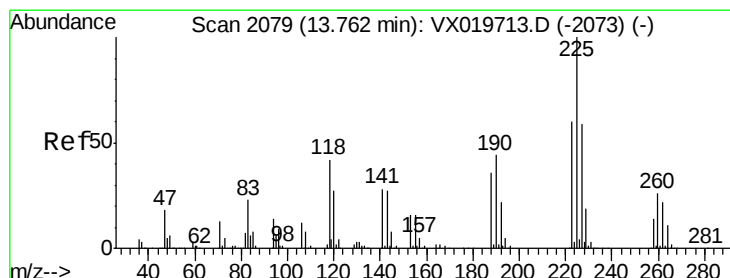
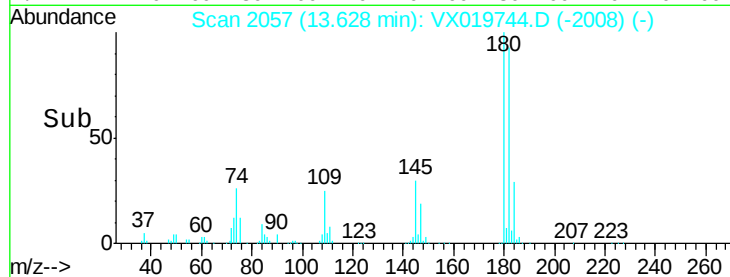
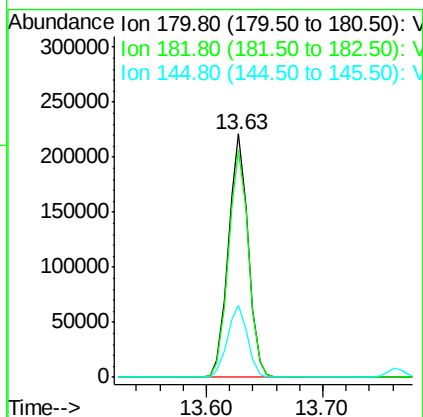
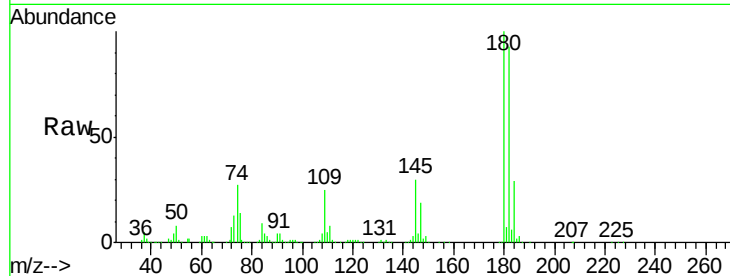
#93
1,2,4-Trichlorobenzene
Concen: 49.390 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	30.0	15.0	45.0

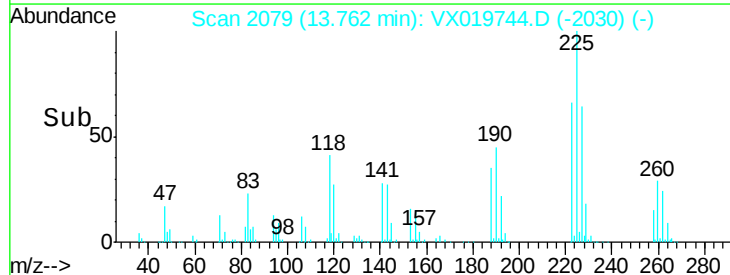
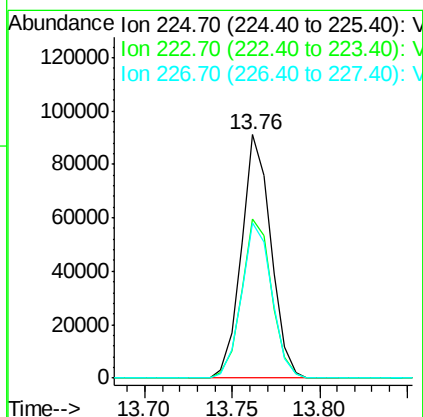
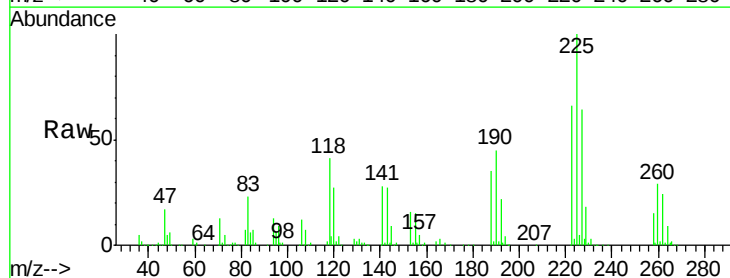
Manual Integrations
APPROVED

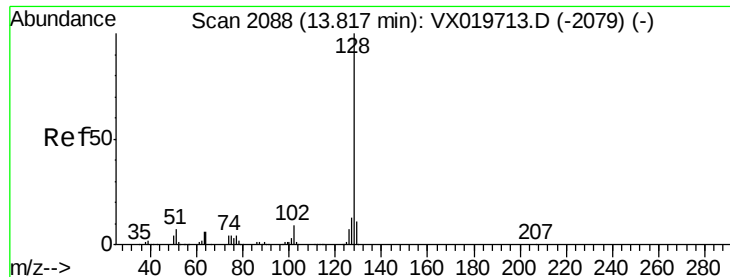
MMDadoda
12/7/2020 10:53:27 AM



#94
Hexachlorobutadiene
Concen: 45.368 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019744.D
Acq: 05 Dec 2020 01:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	31.1	93.2
227	65.2	31.6	95.0





#95

Naphthalene

Concen: 53.513 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Instrument :

MSVOA_X

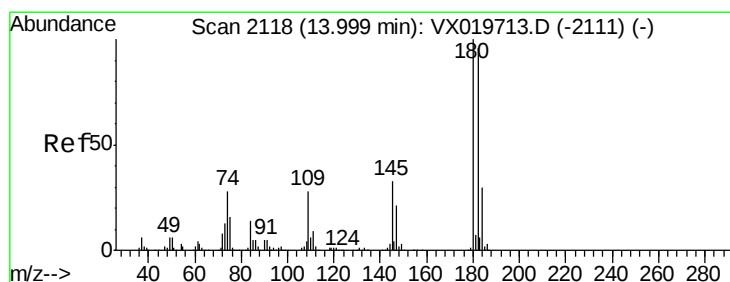
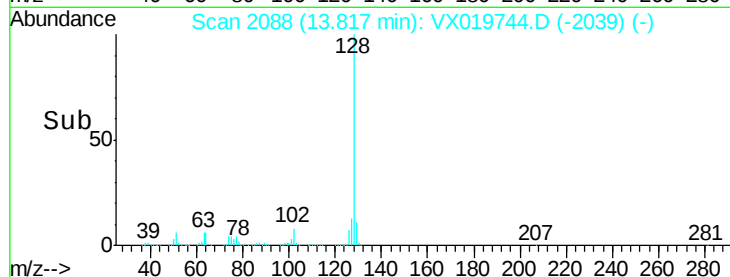
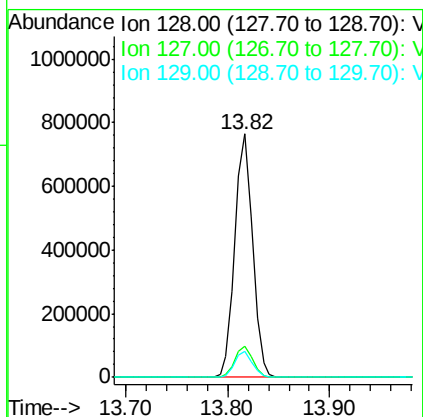
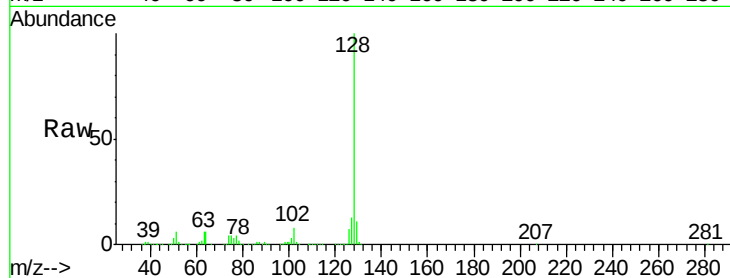
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	911584
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.480 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019744.D

Acq: 05 Dec 2020 01:53

Tgt Ion:	180	Resp:	254083
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.6	142.9
145	33.1	16.1	48.3

