

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015857.D
 Acq On : 22 Apr 2020 21:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:16:20 PM

Quant Time: Apr 23 07:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	872093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1312956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1231327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	636459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	492986	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.47	113	376752	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	8.70	98	1516421	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.12	95	612553	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	452148	60.570	ug/l	99
3) Chloromethane	1.31	50	394605	51.614	ug/l	99
4) Vinyl Chloride	1.39	62	465552	52.609	ug/l	99
5) Bromomethane	1.62	94	174122	58.667	ug/l	94
6) Chloroethane	1.71	64	269041	53.352	ug/l	100
7) Trichlorofluoromethane	1.92	101	617295	56.223	ug/l	99
8) Diethyl Ether	2.17	74	226410	50.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	386126	51.843	ug/l	99
10) Methyl Iodide	2.49	142	494126	53.699	ug/l	99
11) Tert butyl alcohol	3.01	59	553319	273.030	ug/l	100
12) 1,1-Dichloroethene	2.36	96	406962	53.278	ug/l	95
13) Acrolein	2.27	56	302836	252.547	ug/l	99
14) Allyl chloride	2.71	41	863708	53.211	ug/l	99
15) Acrylonitrile	3.12	53	1308545	278.176	ug/l	99
16) Acetone	2.42	43	1070489	247.862	ug/l	100
17) Carbon Disulfide	2.55	76	1051322	37.900	ug/l	99
18) Methyl Acetate	2.75	43	746196	52.335	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1479826	54.877	ug/l	99
20) Methylene Chloride	2.84	84	460334	52.504	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	444405	52.437	ug/l	99
22) Diisopropyl ether	3.83	45	1605068	54.864	ug/l	95
23) Vinyl Acetate	3.79	43	6612914	273.111	ug/l	100
24) 1,1-Dichloroethane	3.67	63	838726	55.004	ug/l	99
25) 2-Butanone	4.64	43	1840453	269.608	ug/l	99
26) 2,2-Dichloropropane	4.55	77	646885	47.491	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	518399	53.879	ug/l	98
28) Bromochloromethane	4.98	49	371983	46.491	ug/l	99
29) Tetrahydrofuran	5.09	42	1225717	271.464	ug/l	99
30) Chloroform	5.19	83	819733	53.431	ug/l	95
31) Cyclohexane	5.55	56	783109	54.039	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	750601	54.872	ug/l	99
36) 1,1-Dichloropropene	5.78	75	634700	54.529	ug/l	100
37) Ethyl Acetate	4.80	43	744980	53.779	ug/l	99
38) Carbon Tetrachloride	5.75	117	637160	55.574	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	755336	51.244	ug/l	100
40) Benzene	6.12	78	1883474	53.726	ug/l	99
41) Methacrylonitrile	5.01	41	427608	55.551	ug/l	99
42) 1,2-Dichloroethane	6.17	62	676749	53.609	ug/l	99
43) Isopropyl Acetate	6.42	43	1254706	53.695	ug/l	99
44) Trichloroethene	7.19	130	644665	52.327	ug/l	98
45) 1,2-Dichloropropane	7.50	63	500875	54.519	ug/l	99
46) Dibromomethane	7.64	93	344584	51.380	ug/l	97
47) Bromodichloromethane	7.88	83	662560	55.533	ug/l	100
48) Methyl methacrylate	7.75	41	628649	54.693	ug/l	99
49) 1,4-Dioxane	7.72	88	222191	1022.846	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3674361	272.422	ug/l	100
52) Toluene	8.77	92	1212016	53.938	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	789914	53.360	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	847449	54.164	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	488858	55.715	ug/l	96
56) Ethyl methacrylate	9.16	69	796490	53.592	ug/l	98
57) 1,3-Dichloropropane	9.36	76	827618	54.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1950237	262.673	ug/l	99
59) 2-Hexanone	9.47	43	2784432	270.989	ug/l	99
60) Dibromochloromethane	9.57	129	527921	58.262	ug/l	96
61) 1,2-Dibromoethane	9.65	107	513419	52.944	ug/l	98
64) Tetrachloroethene	9.32	164	816003	49.165	ug/l	89
65) Chlorobenzene	10.12	112	1317019	53.488	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	510242	55.438	ug/l	98
67) Ethyl Benzene	10.24	91	2325236	53.776	ug/l	100
68) m/p-Xylenes	10.34	106	1773452	109.270	ug/l	99
69) o-Xylene	10.68	106	871066	54.540	ug/l	97
70) Styrene	10.70	104	1525373	55.159	ug/l	99
71) Bromoform	10.84	173	364490	60.774	ug/l	99
73) Isopropylbenzene	11.00	105	2313431	57.233	ug/l	100
74) N-amyl acetate	10.88	43	1156508	55.422	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	480098	56.122	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	669343m	55.305	ug/l	
77) Bromobenzene	11.24	156	633597	57.368	ug/l	99
78) n-propylbenzene	11.34	91	2606625	56.293	ug/l	98
79) 2-Chlorotoluene	11.40	91	1575207	56.633	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1931656	56.044	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	267241	53.117	ug/l	99
82) 4-Chlorotoluene	11.50	91	1862425	56.348	ug/l	100
83) tert-Butylbenzene	11.76	119	1716511	56.144	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1988006	55.557	ug/l	100
85) sec-Butylbenzene	11.93	105	2246388	55.738	ug/l	100
86) p-Isopropyltoluene	12.05	119	2109127	55.966	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1086346	53.584	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1062164	52.337	ug/l	97
89) n-Butylbenzene	12.37	91	1799787	53.416	ug/l	100
90) Hexachloroethane	12.58	117	287721	72.271	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1048446	54.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	141479	55.769	ug/l	99

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ClientSampleId :
VSTDCCC050

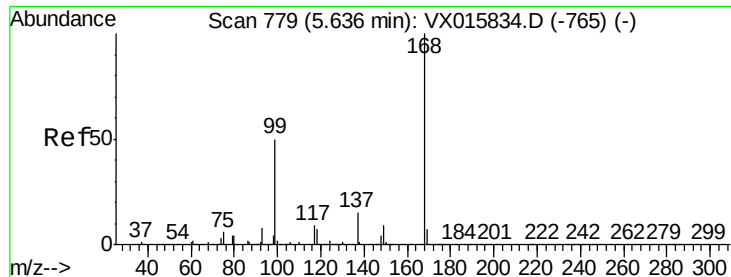
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	818143	54.001	ug/l	99
94) Hexachlorobutadiene	13.77	225	359394	52.907	ug/l	99
95) Naphthalene	13.82	128	2427303	55.686	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	819129	55.416	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 872093

Ion Ratio Lower Upper

168 100

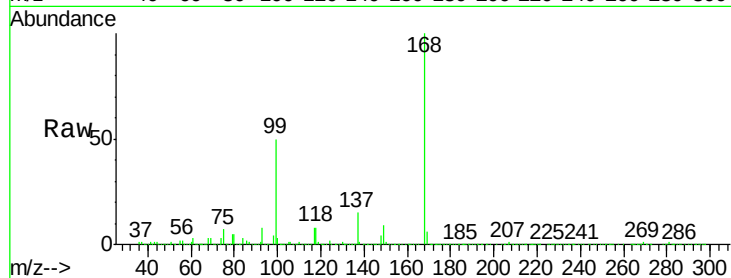
99 49.5 40.3 60.5

Manual Integrations

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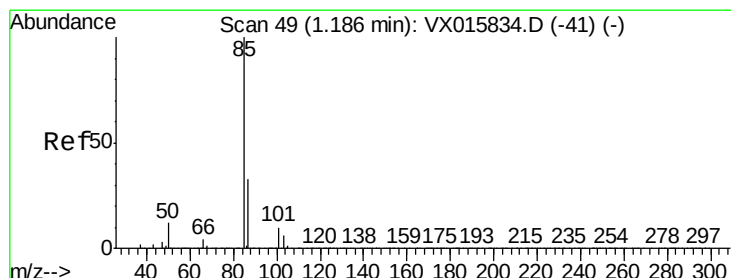
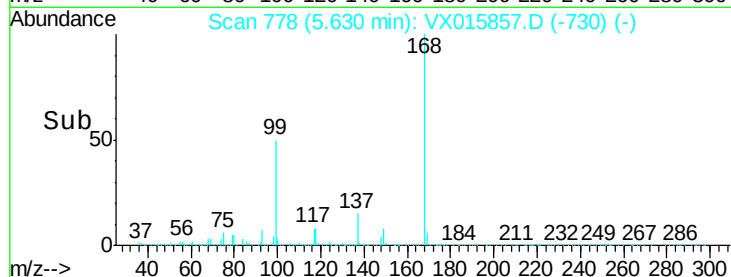
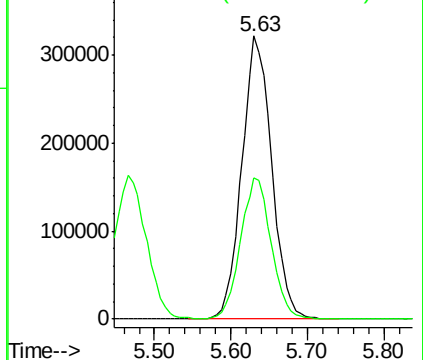
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 60.570 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015857.D

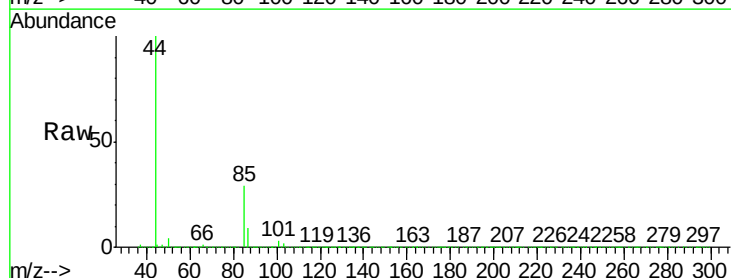
Acq: 22 Apr 2020 21:55

Tgt Ion: 85 Resp: 452148

Ion Ratio Lower Upper

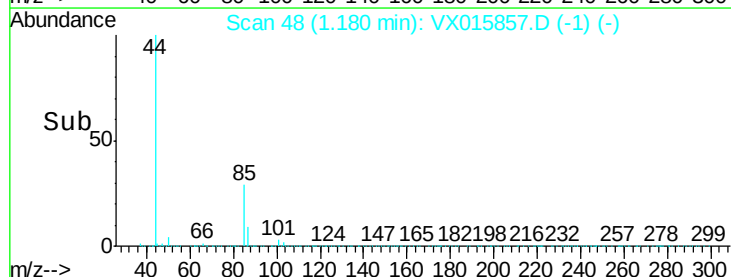
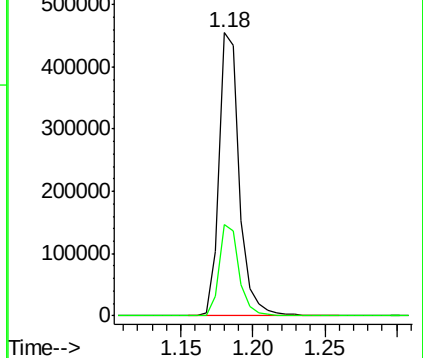
85 100

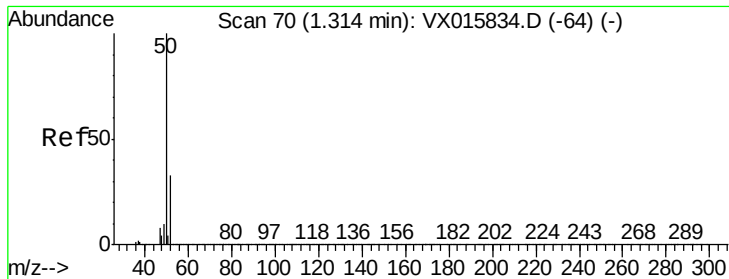
87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.614 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 394605

Ion Ratio Lower Upper

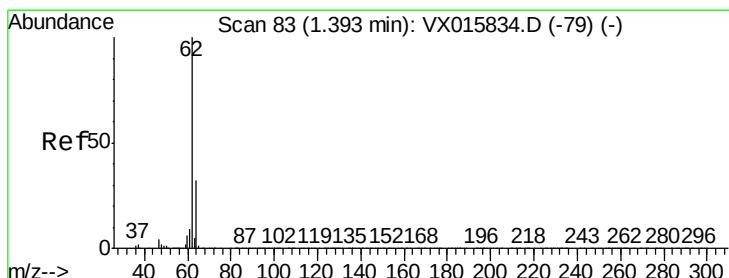
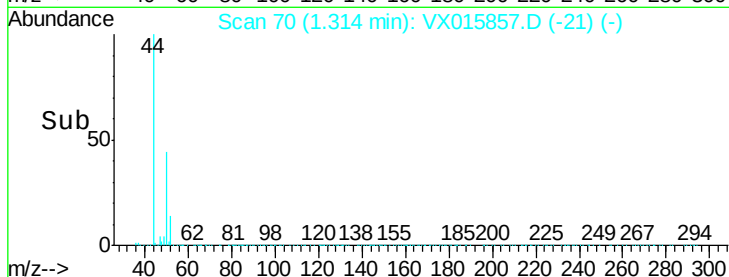
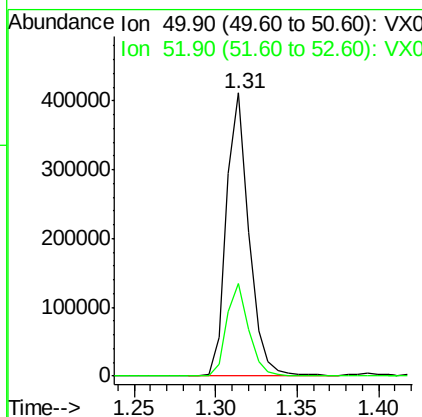
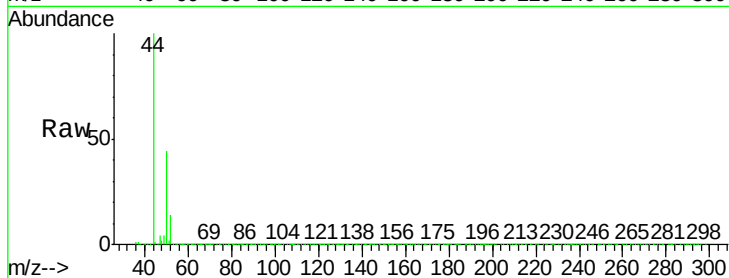
50 100

52 32.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 52.609 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015857.D

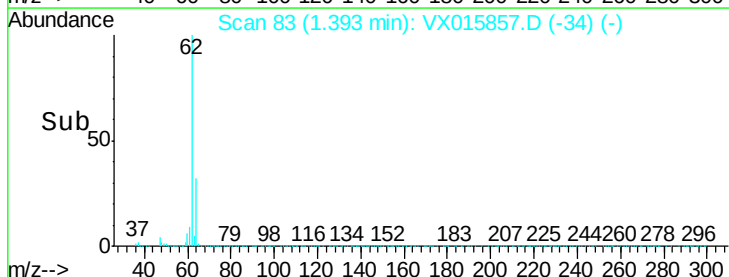
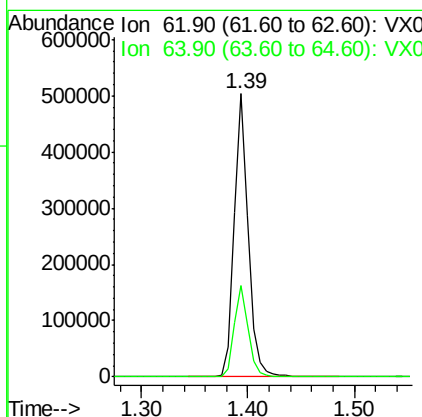
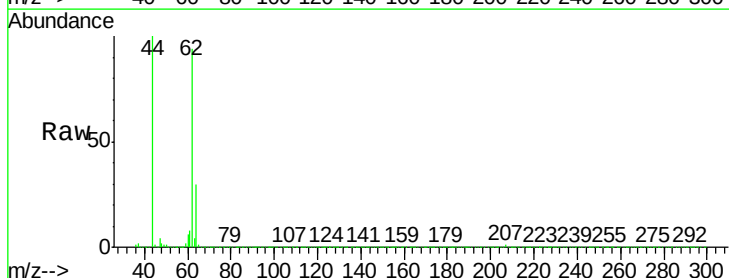
Acq: 22 Apr 2020 21:55

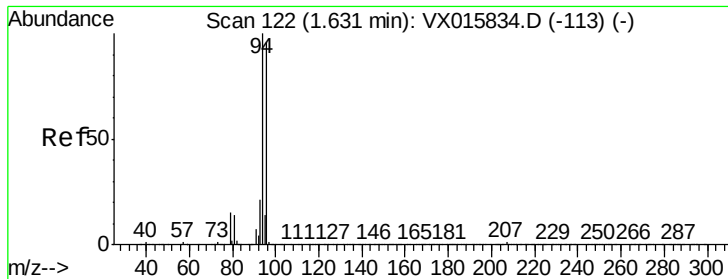
Tgt Ion: 62 Resp: 465552

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 58.667 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 174122

Ion Ratio Lower Upper

94 100

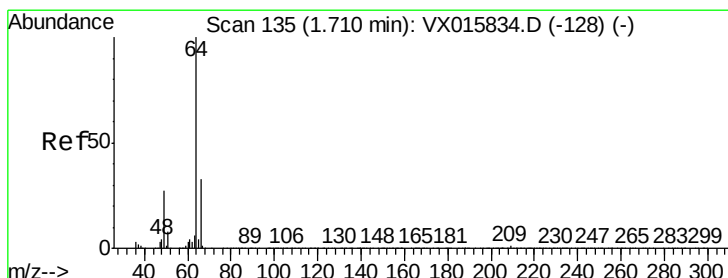
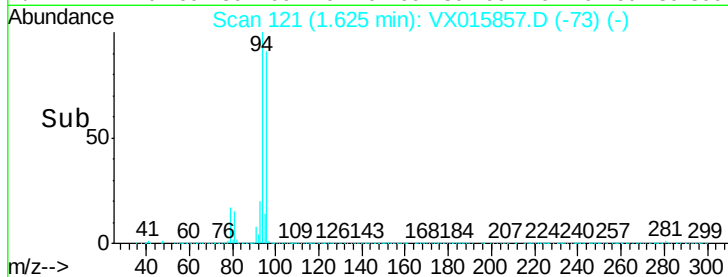
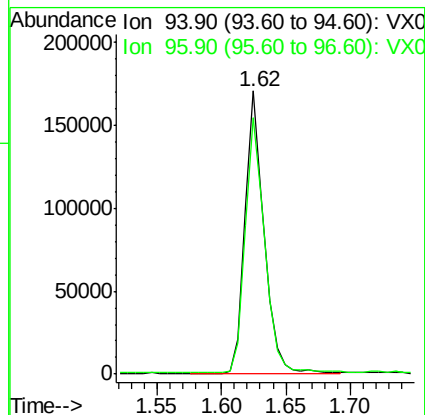
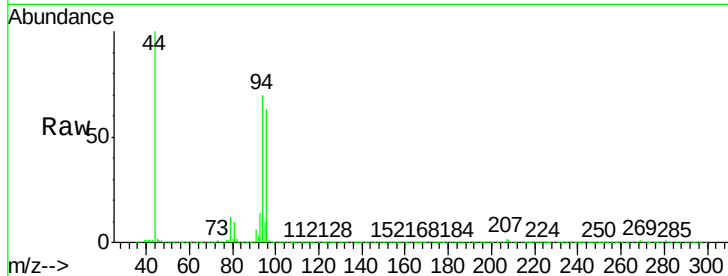
96 90.5 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 53.352 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015857.D

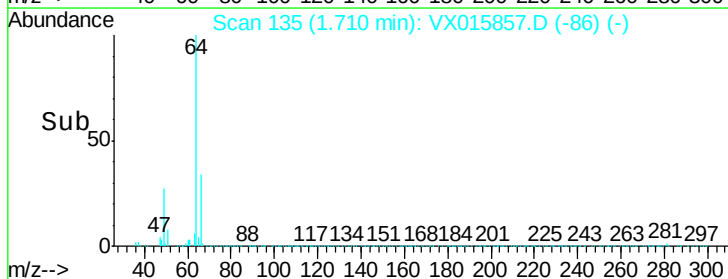
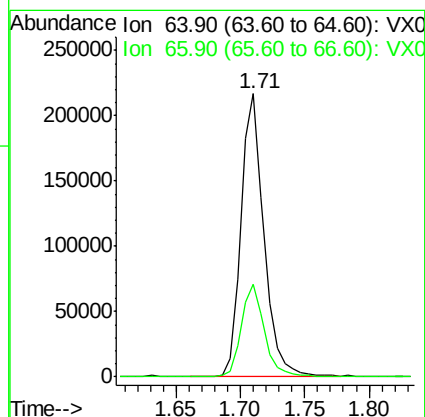
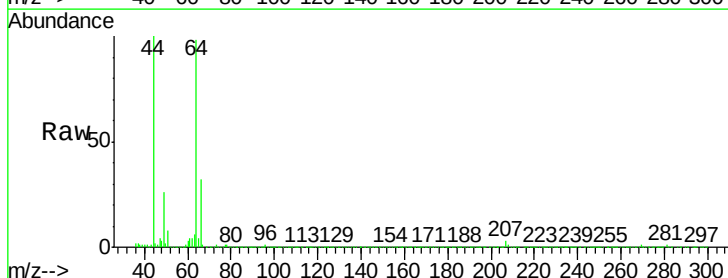
Acq: 22 Apr 2020 21:55

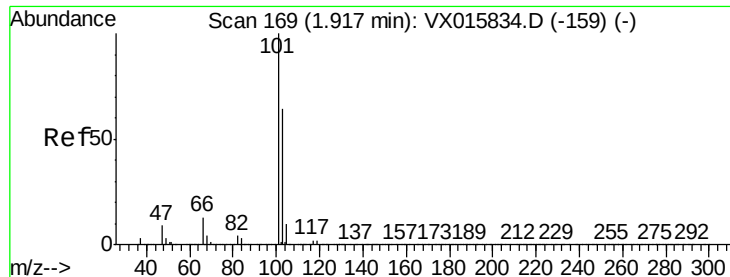
Tgt Ion: 64 Resp: 269041

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.2





#7

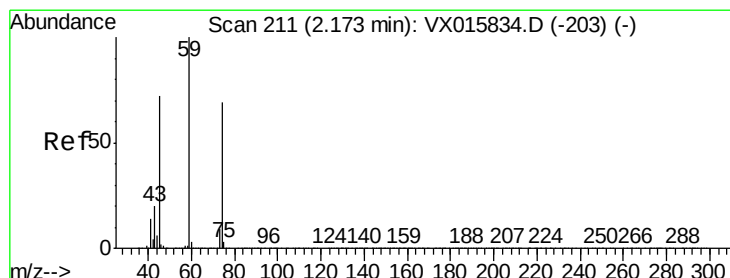
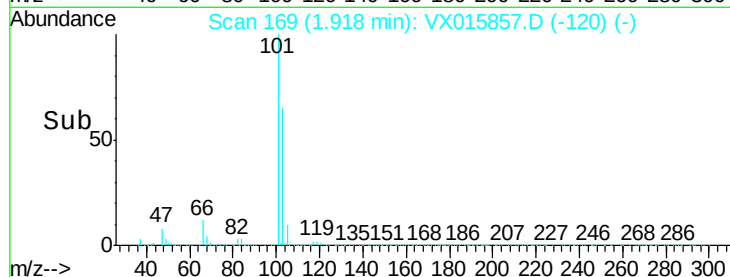
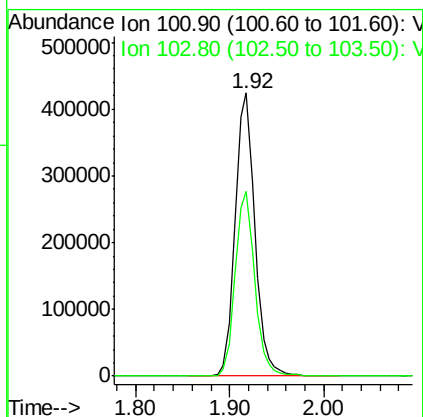
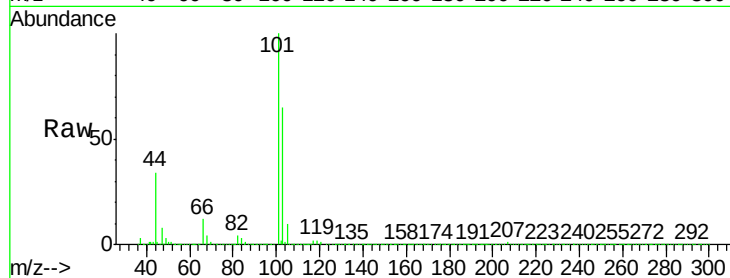
Trichlorofluoromethane
Concen: 56.223 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015857.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.0

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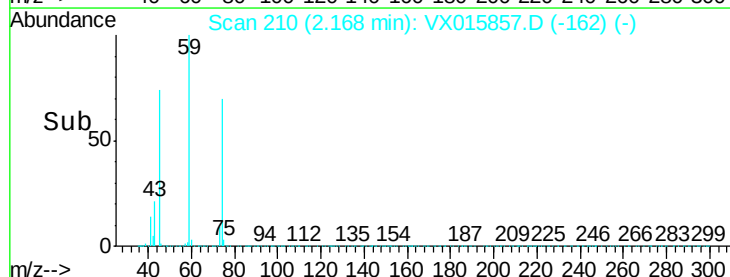
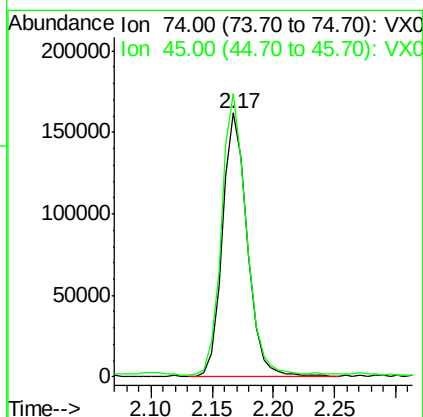
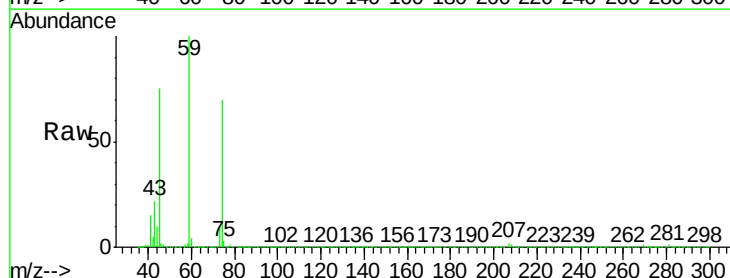
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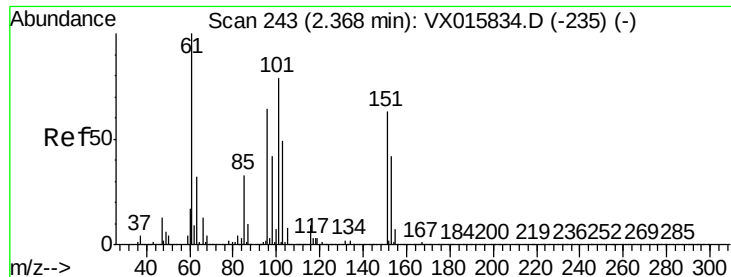


#8

Diethyl Ether
Concen: 50.851 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.843 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

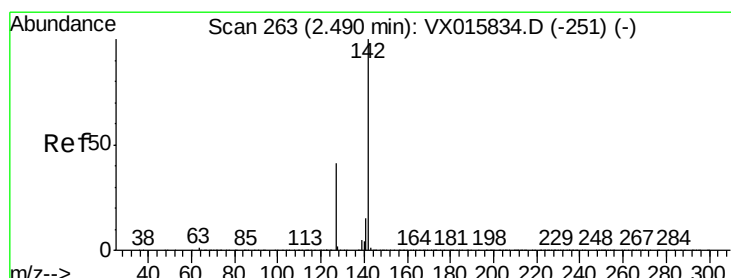
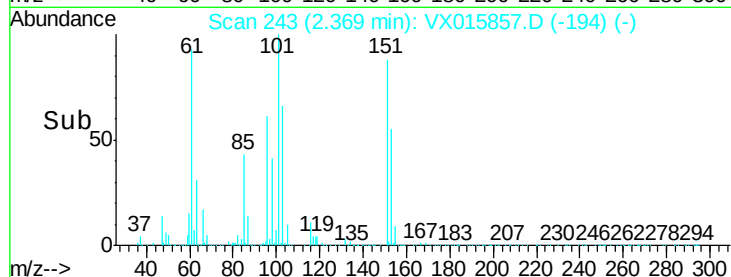
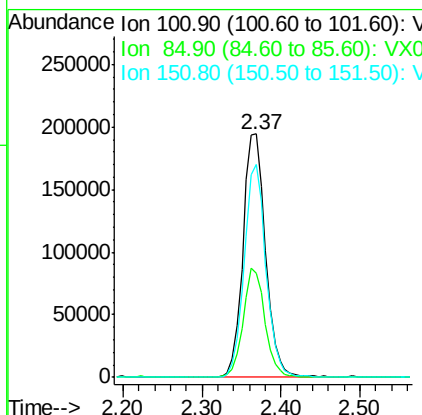
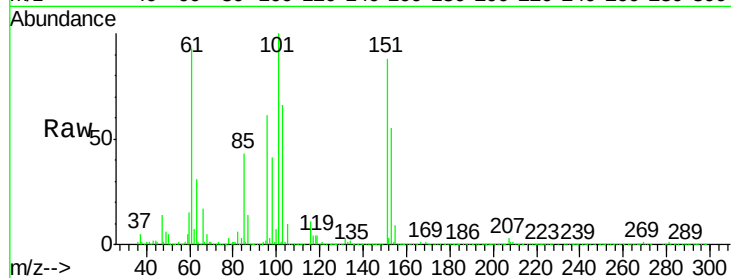
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	386126
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.8	50.6
151	84.6	67.8	101.6

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#10

Methyl Iodide

Concen: 53.699 ug/l

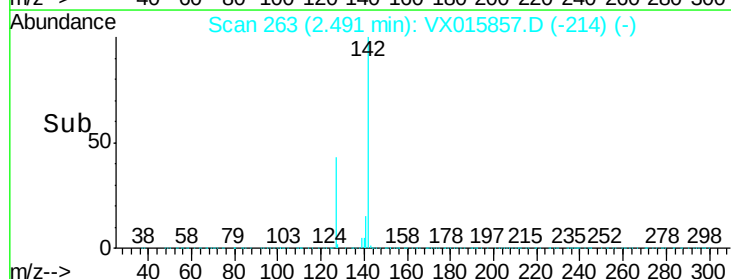
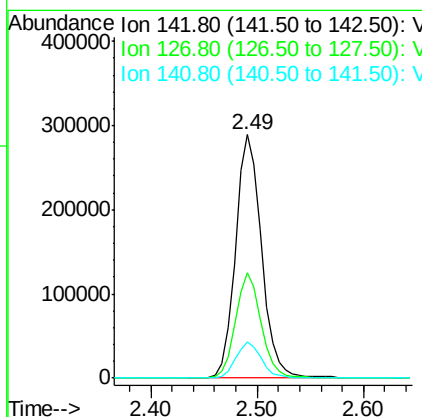
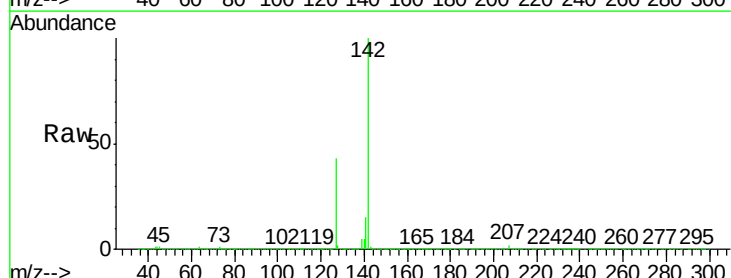
RT: 2.49 min Scan# 263

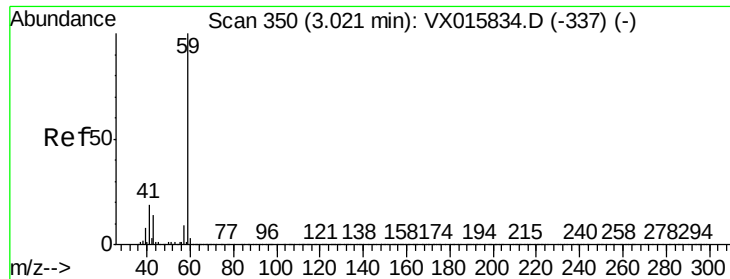
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	142	Resp:	494126
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.3	49.9
141	14.5	11.8	17.6





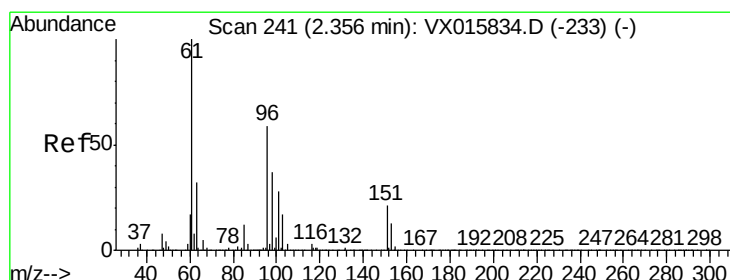
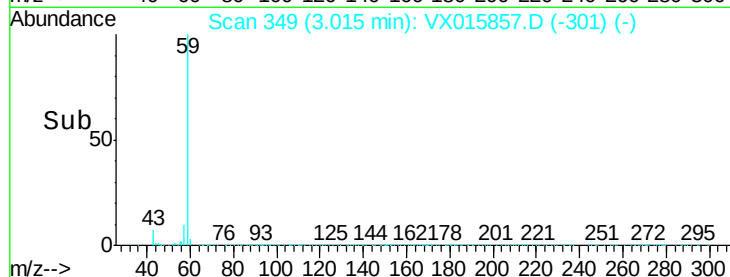
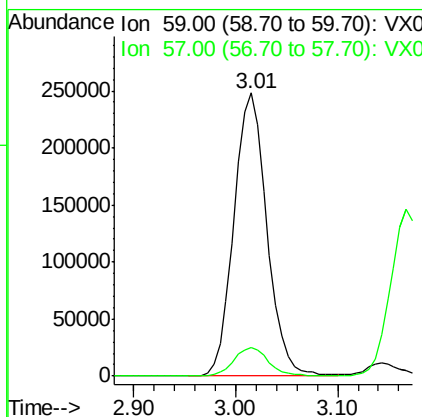
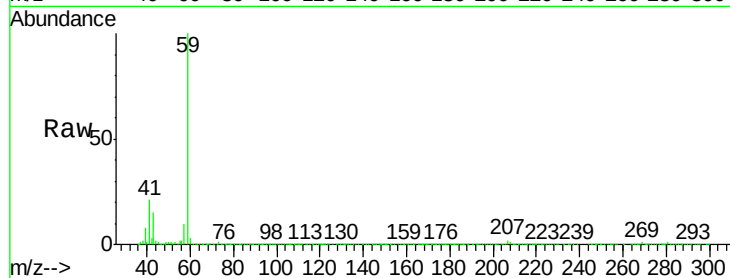
#11
Tert butyl alcohol
Concen: 273.030 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

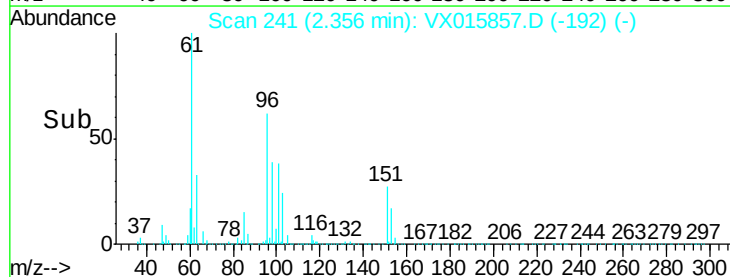
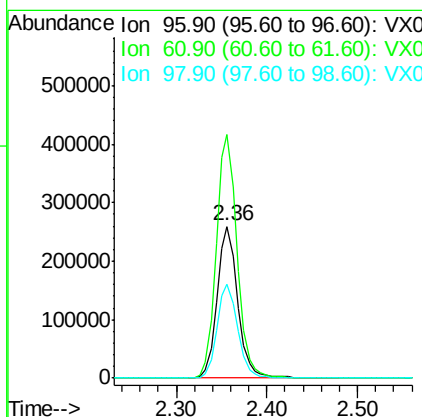
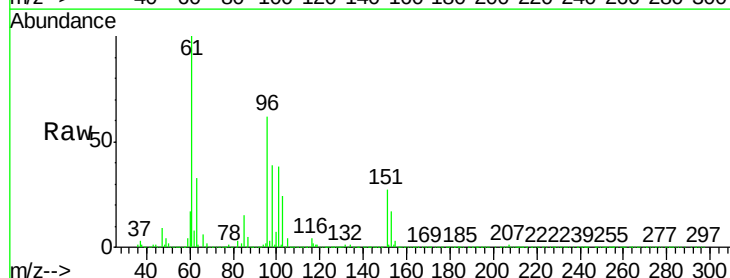
Manual Integrations
APPROVED

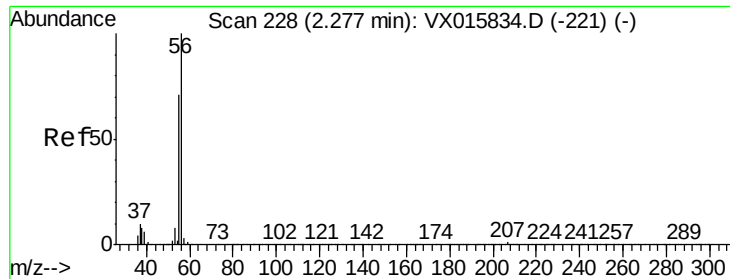
MMDadoda
4/23/2020 12:16:20 PM



#12
1,1-Dichloroethene
Concen: 53.278 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	135.0	202.6
98	62.0	50.6	76.0





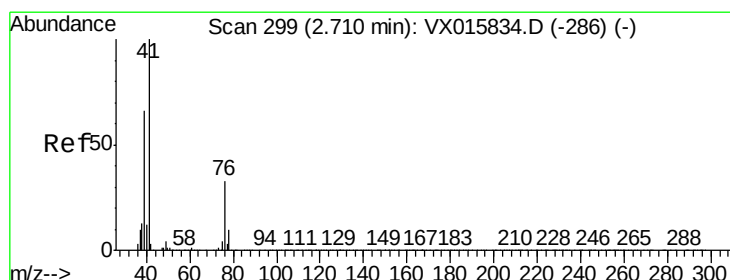
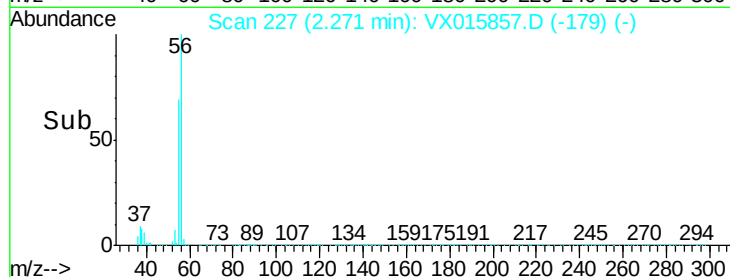
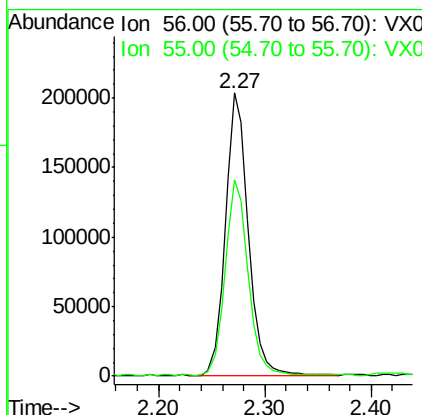
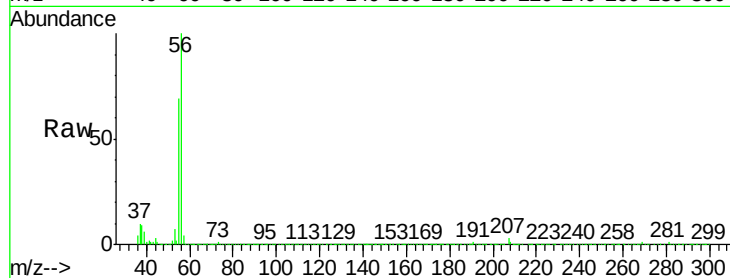
#13
Acrolein
Concen: 252.547 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	56.1	84.1

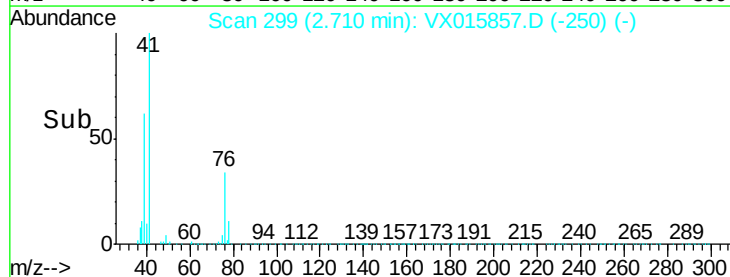
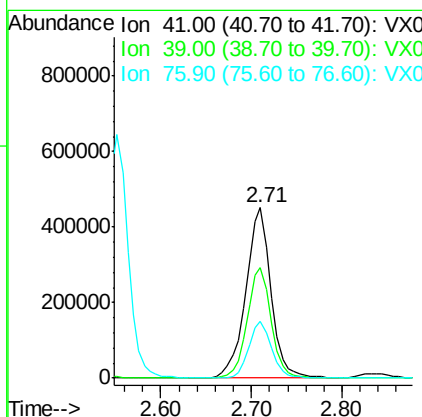
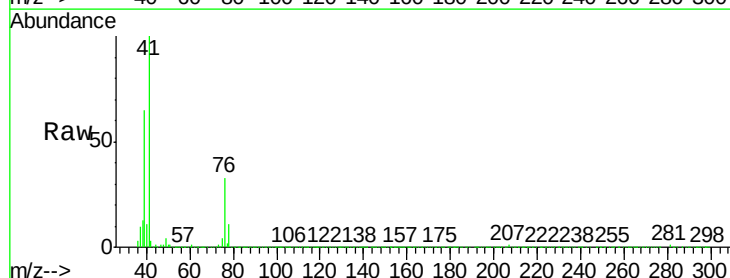
Manual Integrations
APPROVED

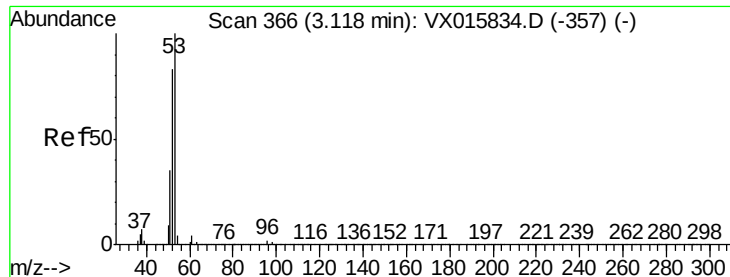
MMDadoda
4/23/2020 12:16:20 PM



#14
Allyl chloride
Concen: 53.211 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.4	48.4	72.6
76	30.0	23.8	35.8





#15

Acrylonitrile

Concen: 278.176 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

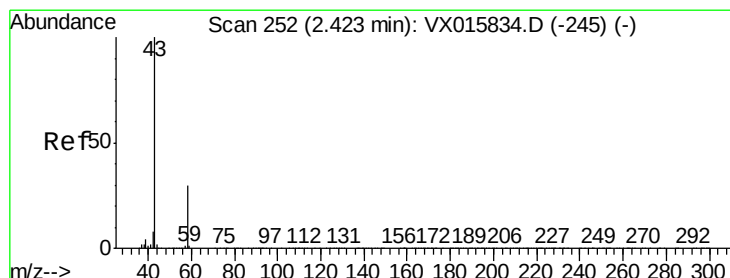
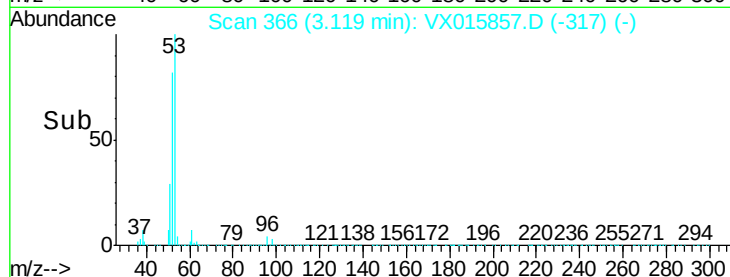
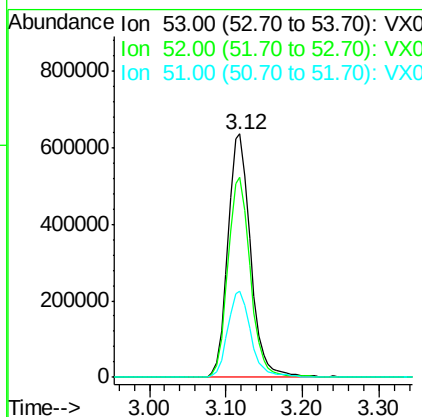
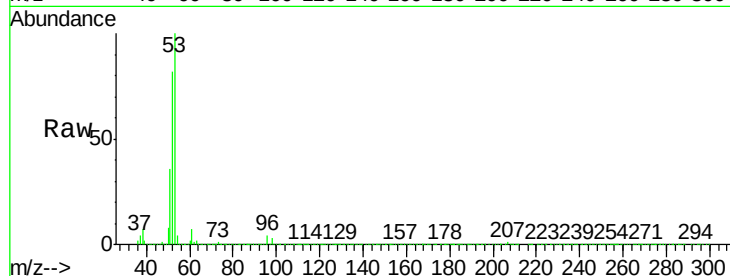
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	1308545
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.2	99.4
51	36.0	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 247.862 ug/l

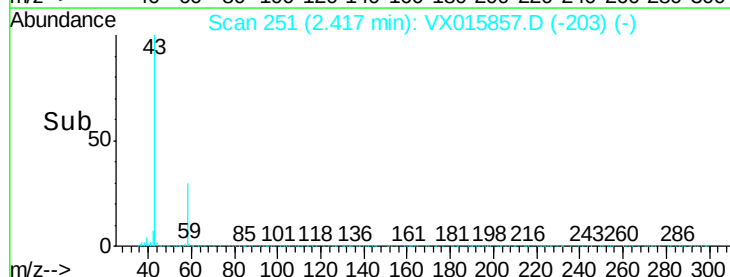
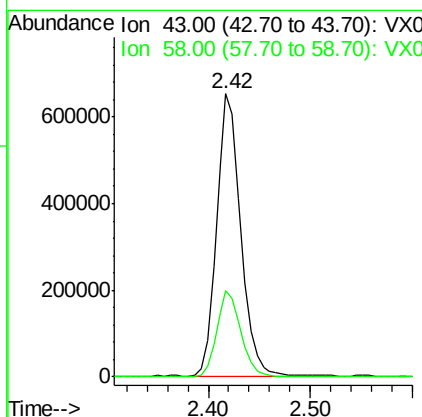
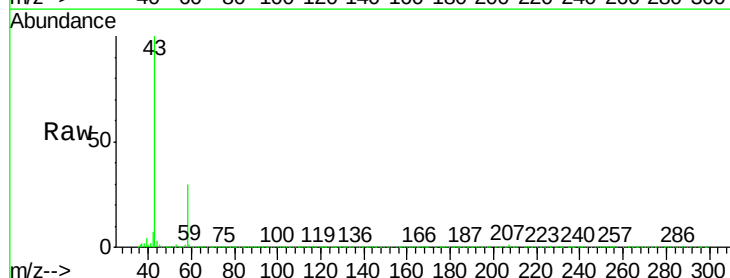
RT: 2.42 min Scan# 251

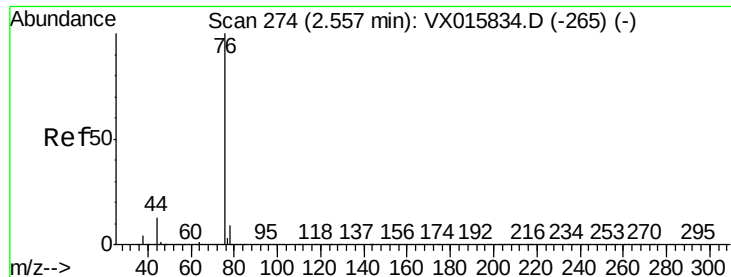
Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	43	Resp:	1070489
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.0	36.0





#17

Carbon Disulfide

Concen: 37.900 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1051322

Ion Ratio Lower Upper

76 100

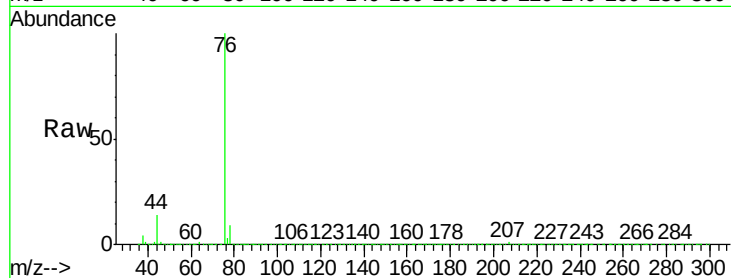
78 9.0 7.4 11.2

Manual Integrations

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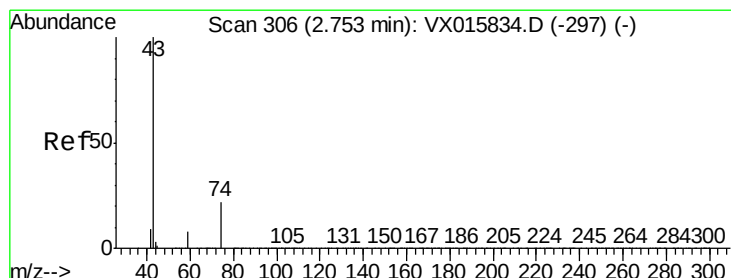
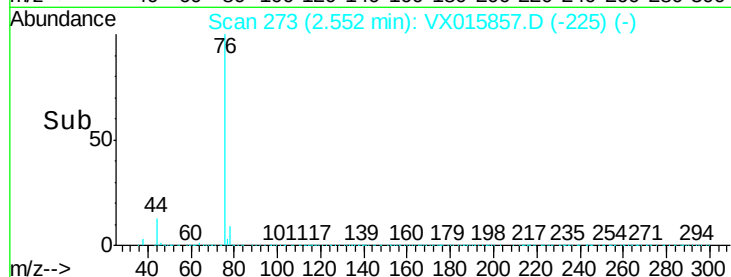
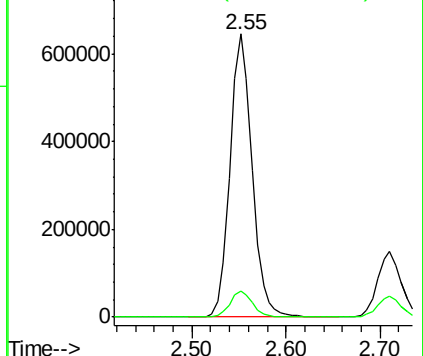
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.335 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015857.D

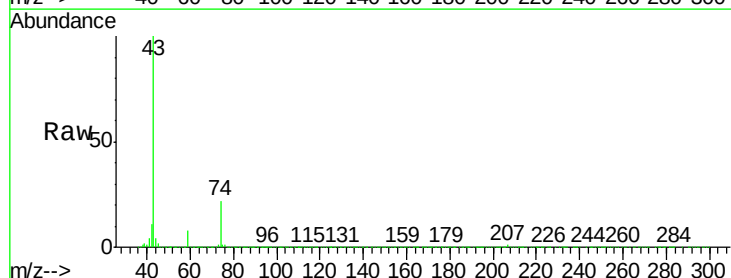
Acq: 22 Apr 2020 21:55

Tgt Ion: 43 Resp: 746196

Ion Ratio Lower Upper

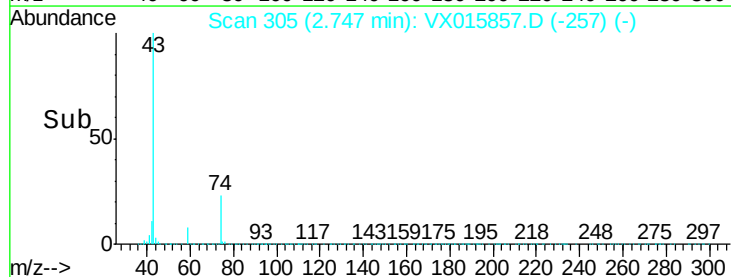
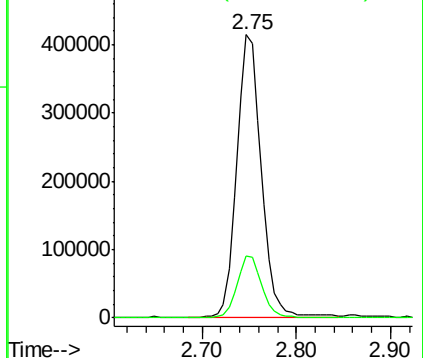
43 100

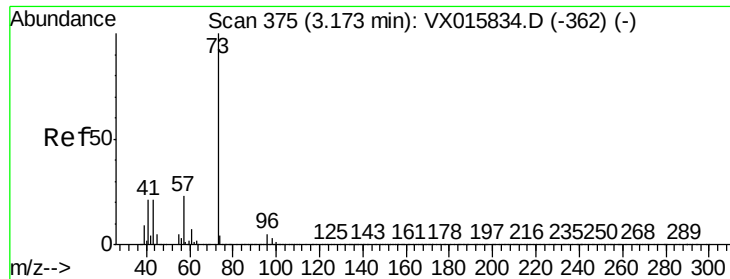
74 22.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





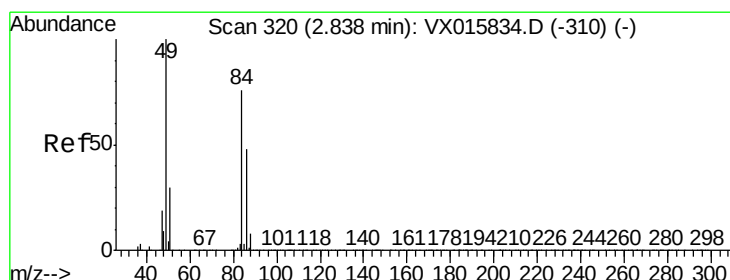
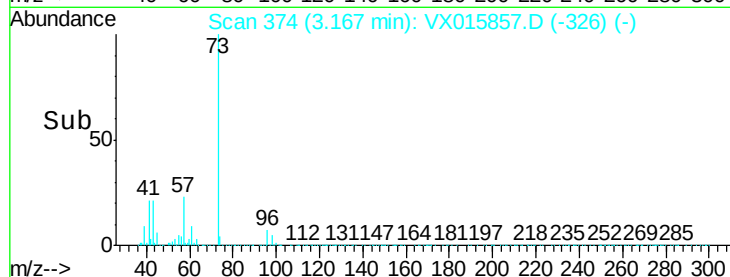
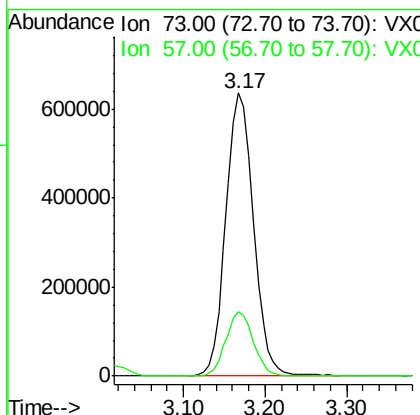
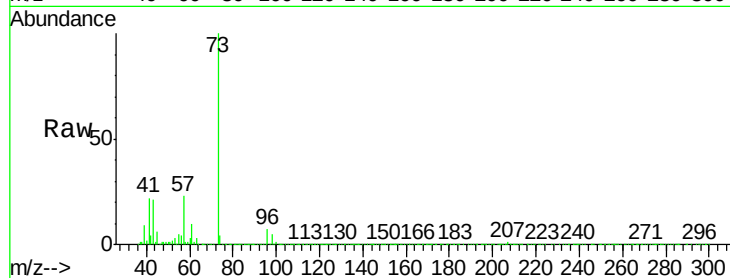
#19
Methyl tert-butyl Ether
Concen: 54.877 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1479826
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1

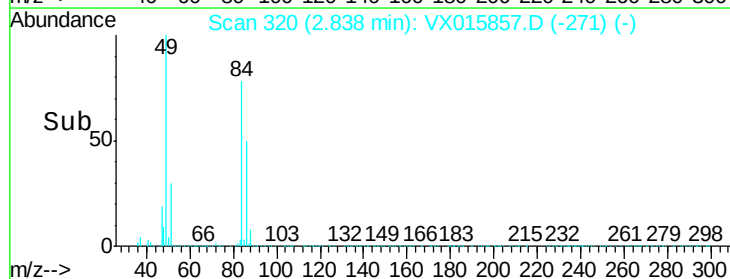
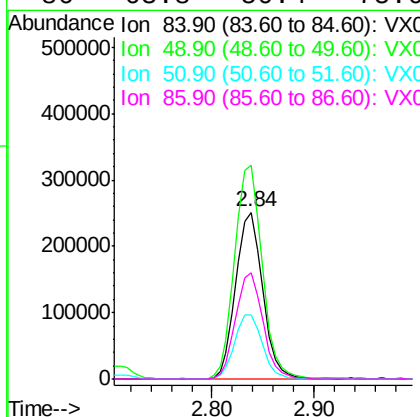
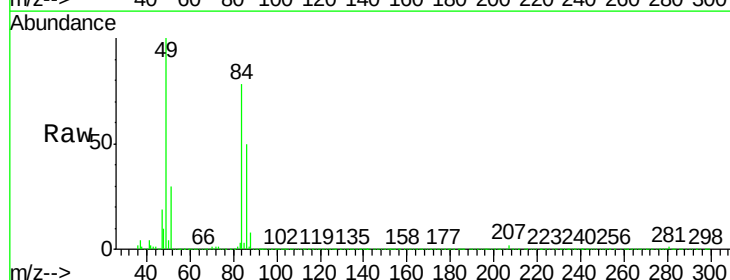
Manual Integrations
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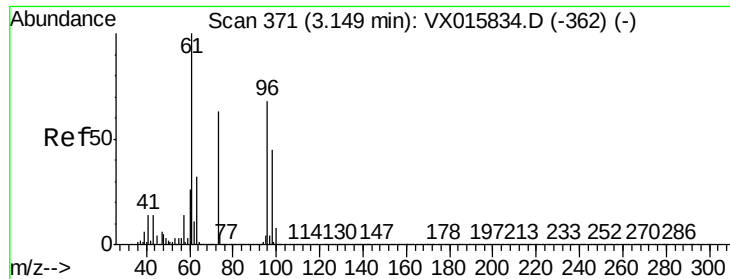
MMDadoda
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#20
Methylene Chloride
Concen: 52.504 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 84 Resp: 460334
Ion Ratio Lower Upper
84 100
49 128.2 104.9 157.3
51 38.2 32.0 48.0
86 63.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 52.437 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

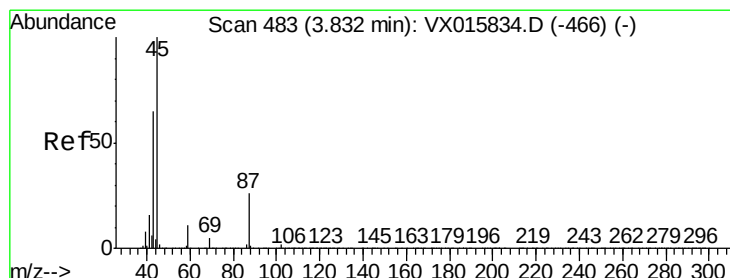
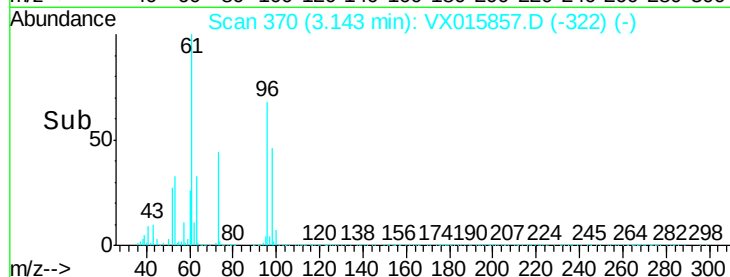
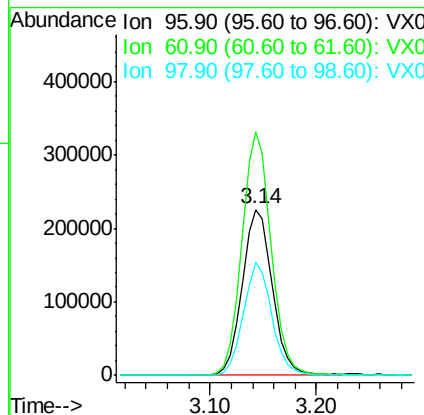
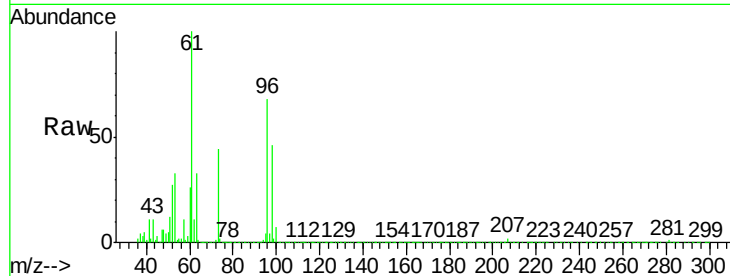
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	444405
Ion Ratio	Lower	Upper	
96	100		
61	146.8	117.5	176.3
98	68.0	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.864 ug/l

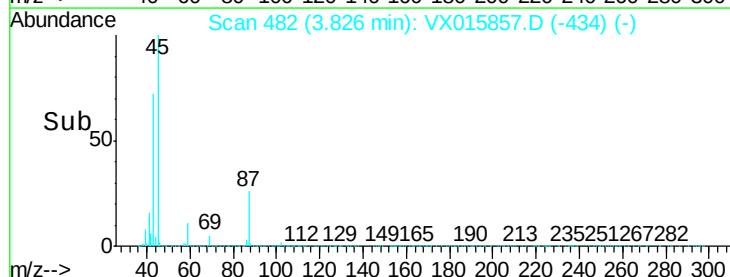
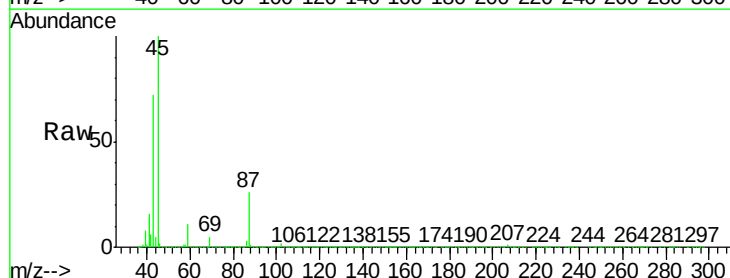
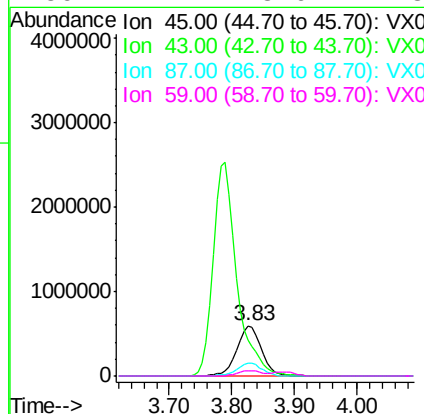
RT: 3.83 min Scan# 482

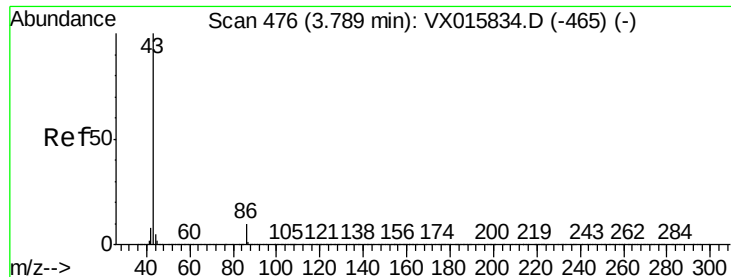
Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	45	Resp:	1605068
Ion Ratio	Lower	Upper	
45	100		
43	71.1	52.4	78.6
87	25.8	20.7	31.1
59	11.1	8.6	12.8





#23

Vinyl Acetate

Concen: 273.111 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 6612914

Ion Ratio Lower Upper

43 100

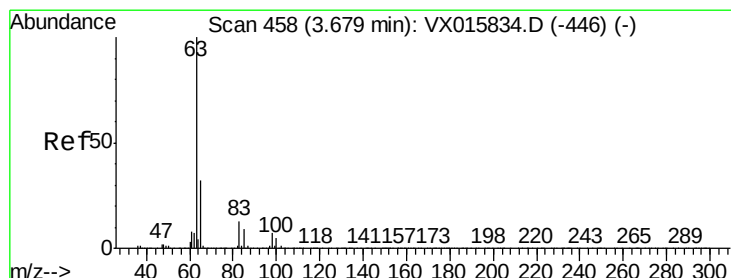
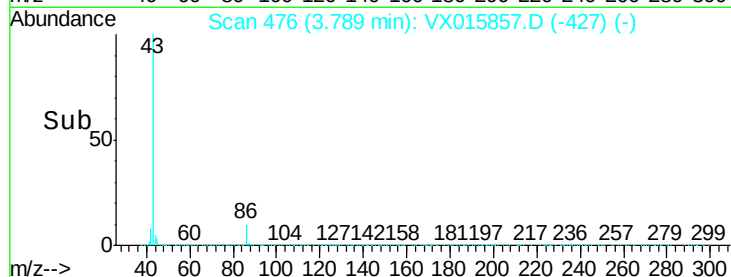
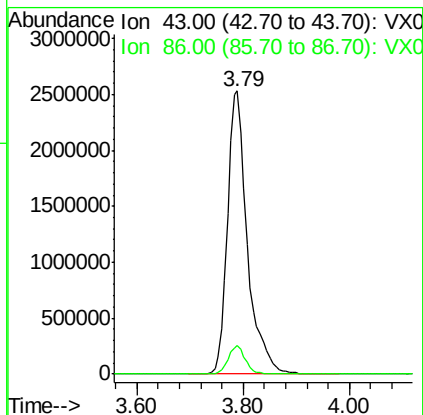
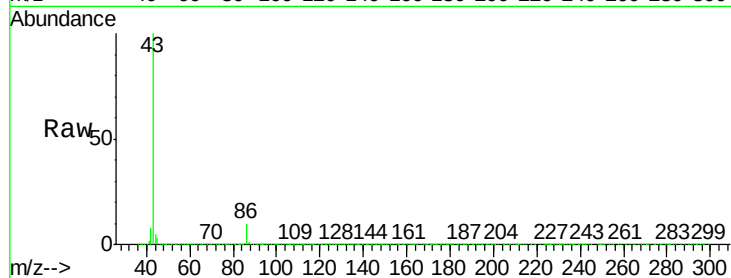
86 10.1 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.004 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

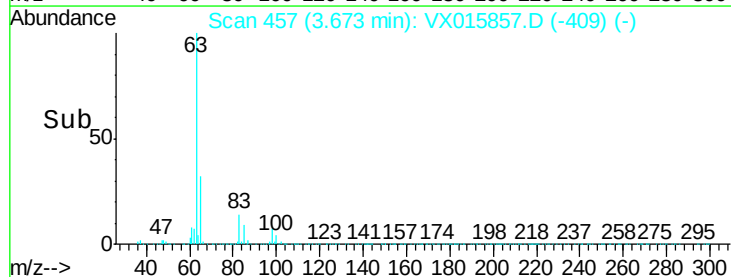
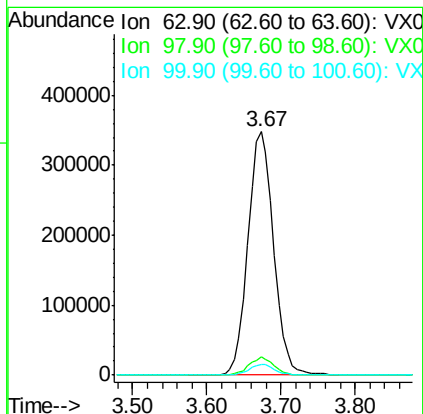
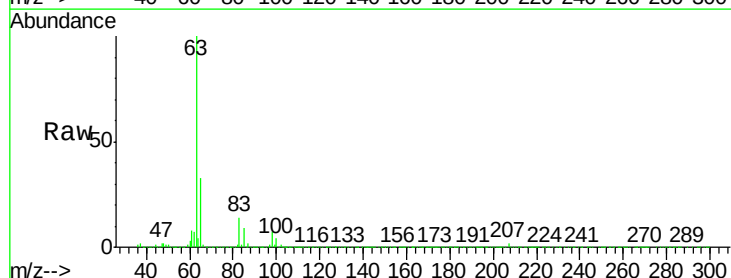
Tgt Ion: 63 Resp: 838726

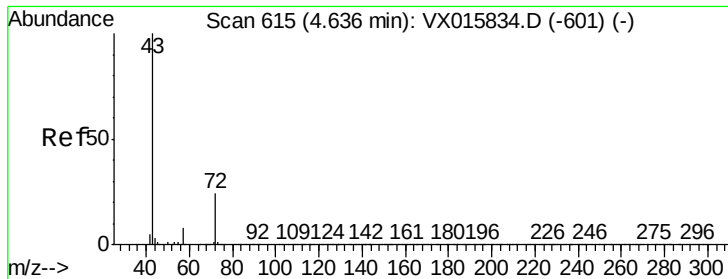
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 269.608 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1840453

Ion Ratio Lower Upper

43 100

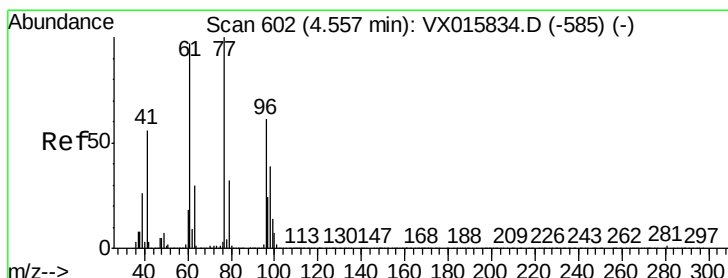
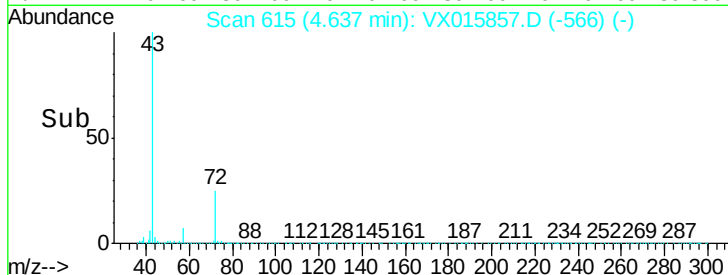
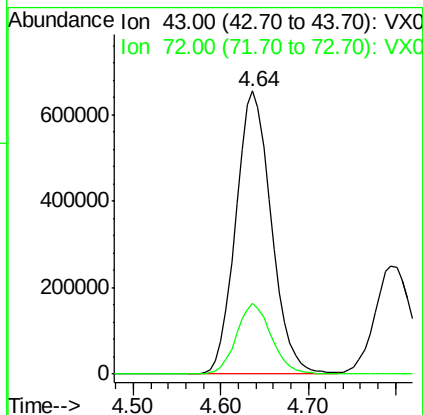
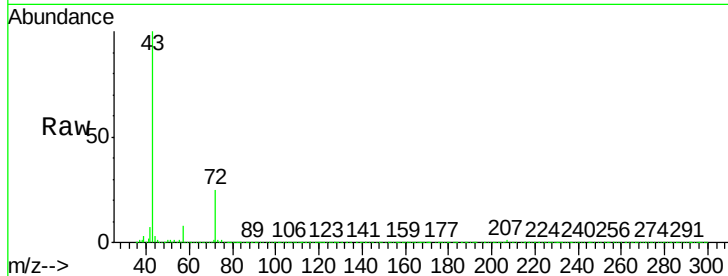
72 25.0 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.491 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015857.D

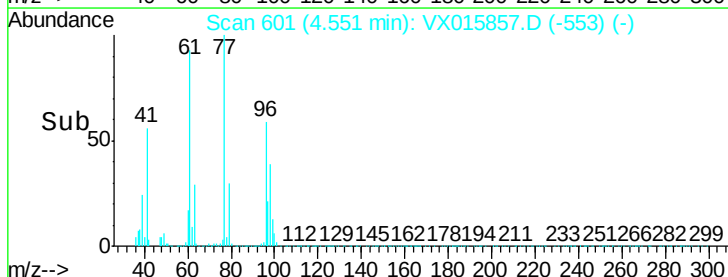
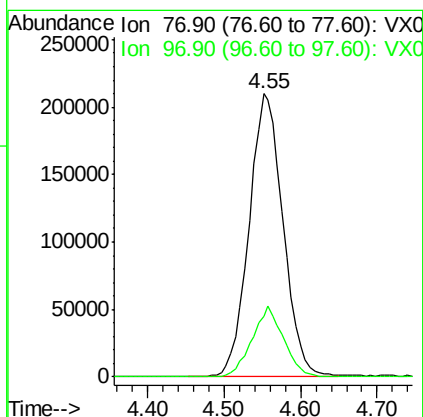
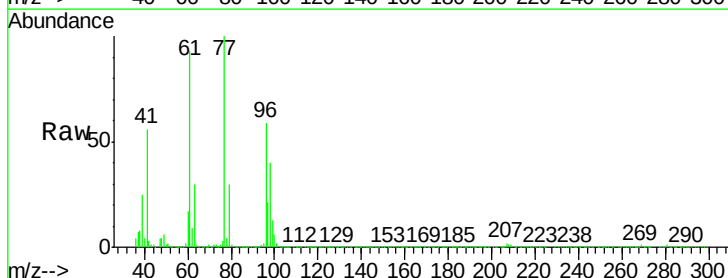
Acq: 22 Apr 2020 21:55

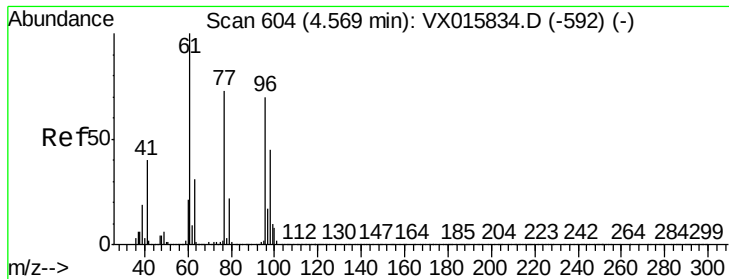
Tgt Ion: 77 Resp: 646885

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

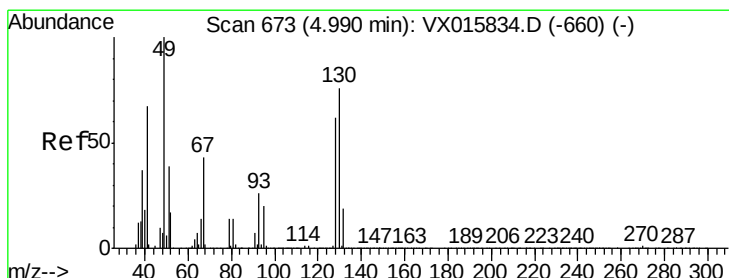
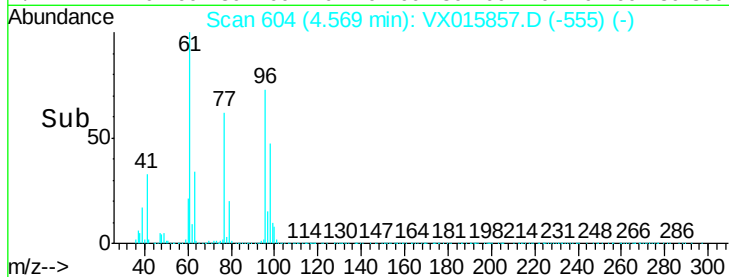
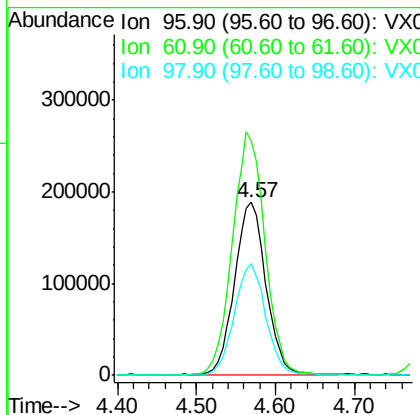
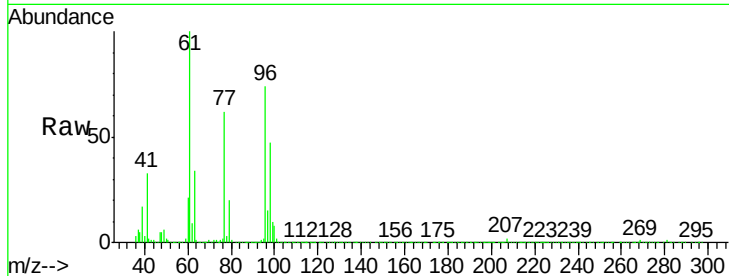
cis-1,2-Dichloroethene
Concen: 53.879 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.3	0.0	299.4	
98	65.0	0.0	129.6	

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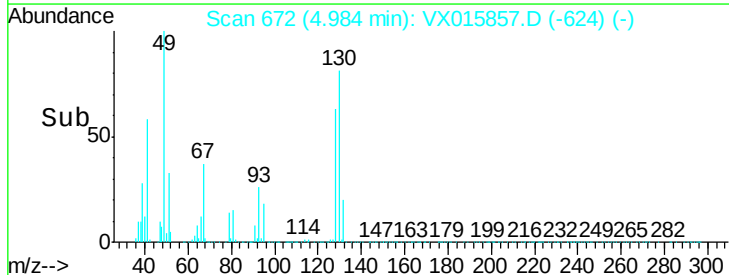
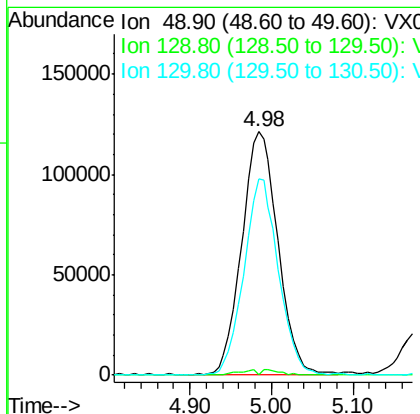
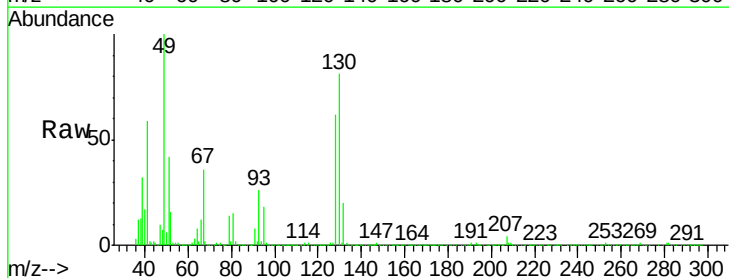
MMDadoda
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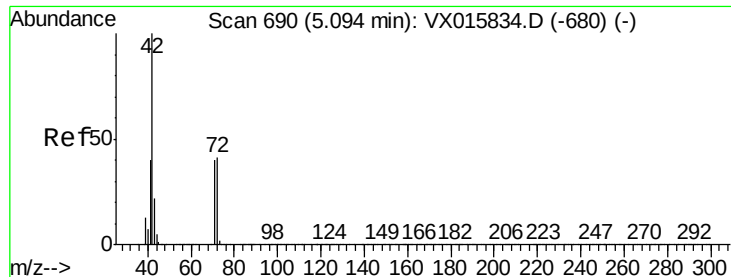


#28

Bromochloromethane
Concen: 46.491 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.1	0.0	1.8	
130	77.5	62.4	93.6	





#29

Tetrahydrofuran

Concen: 271.464 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

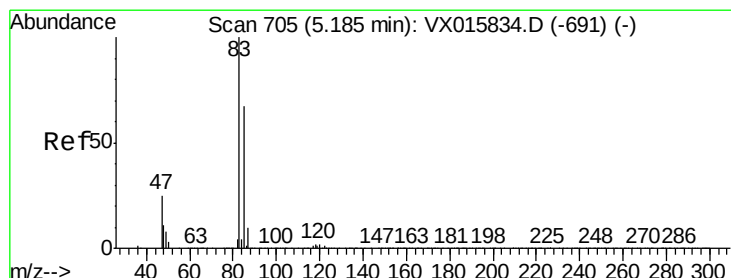
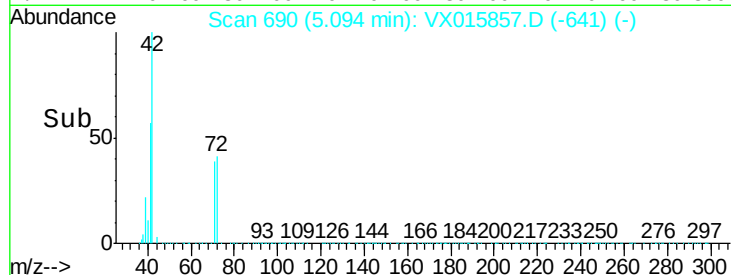
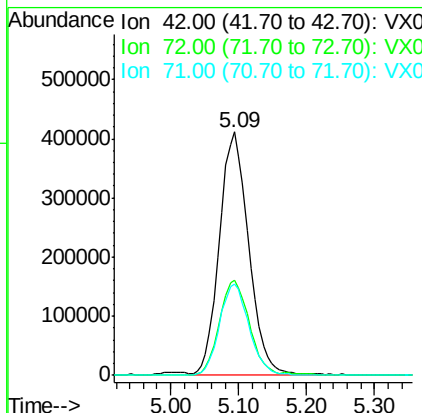
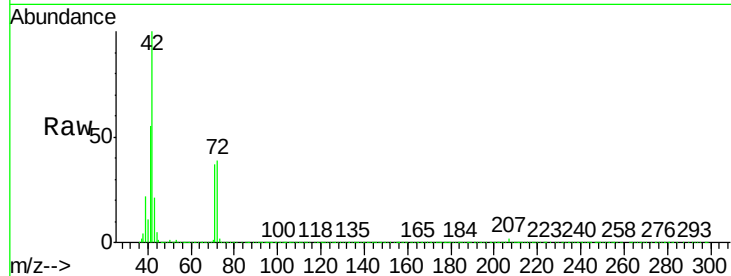
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	1225717
Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.0	49.6
71	37.8	30.6	45.8

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#30

Chloroform

Concen: 53.431 ug/l

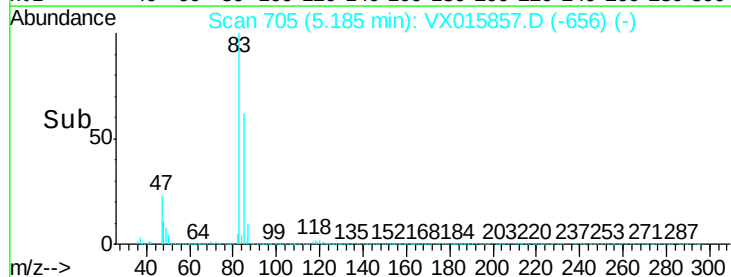
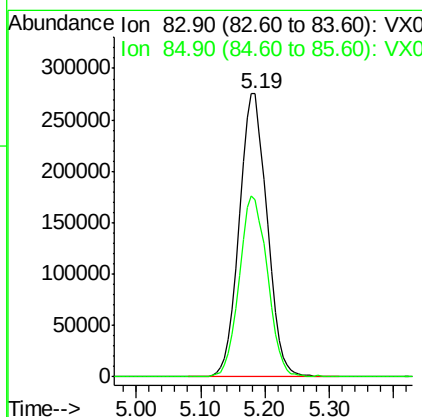
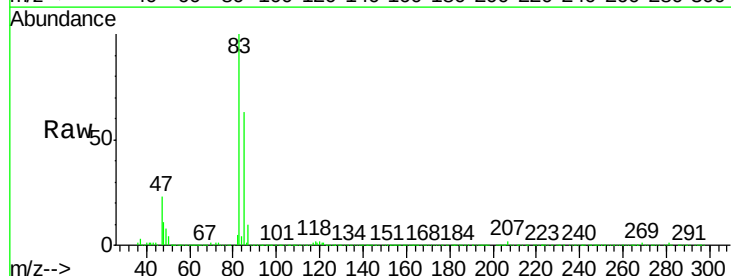
RT: 5.19 min Scan# 705

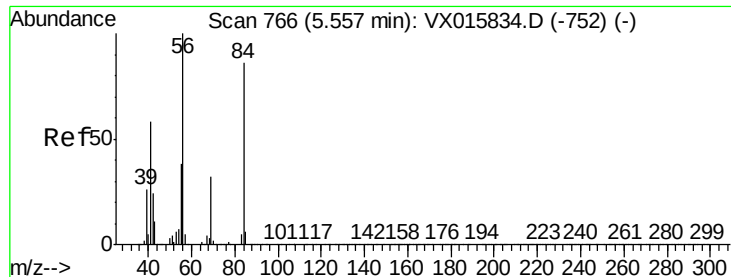
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	83	Resp:	819733
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.4	80.0





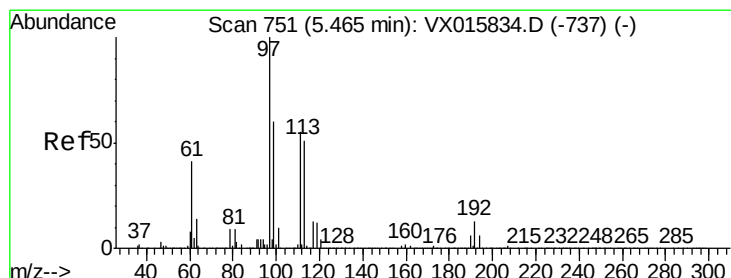
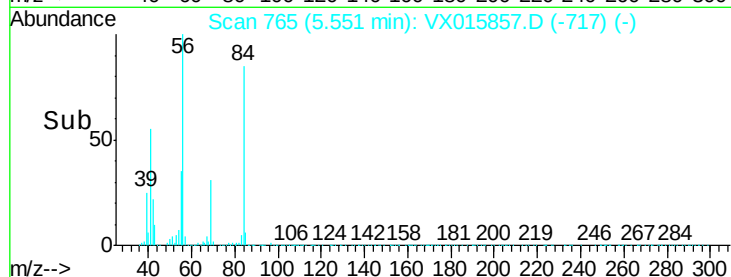
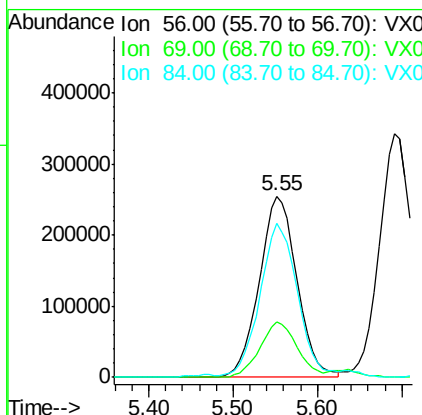
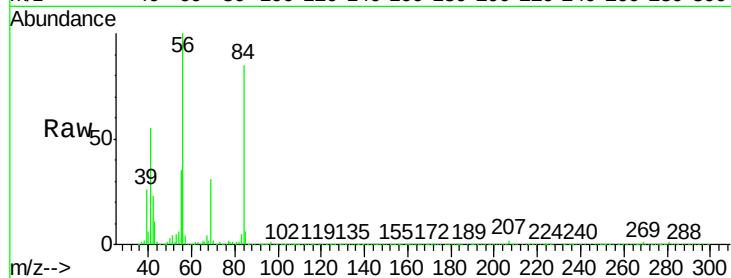
#31
Cyclohexane
Concen: 54.039 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.3	37.9
84	84.2	69.1	103.7

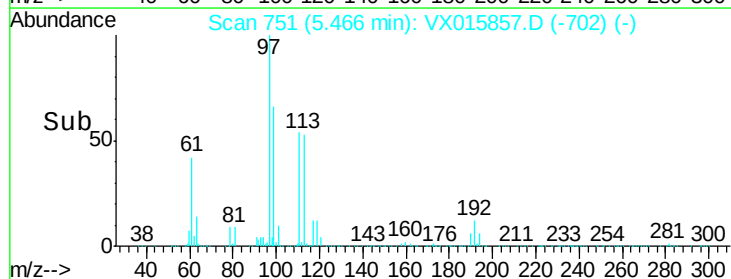
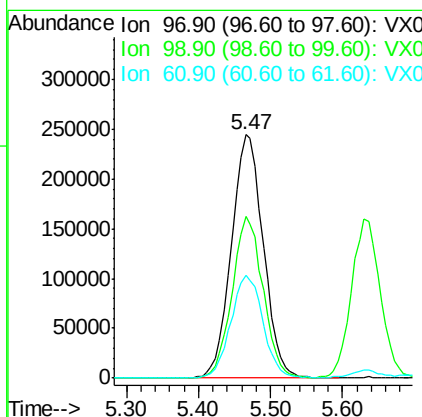
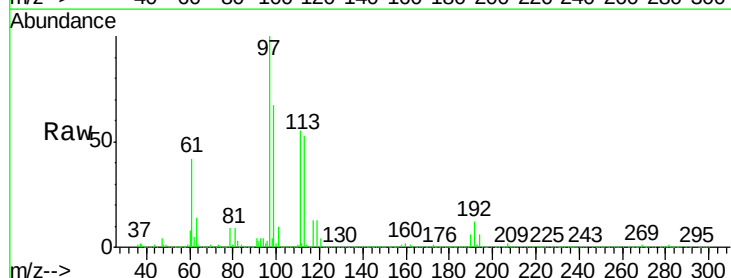
Manual Integrations
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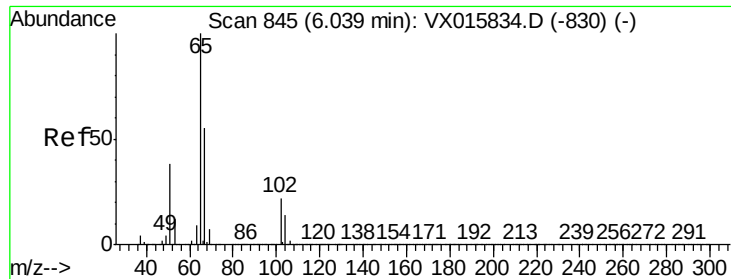
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 54.872 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	42.4	34.1	51.1





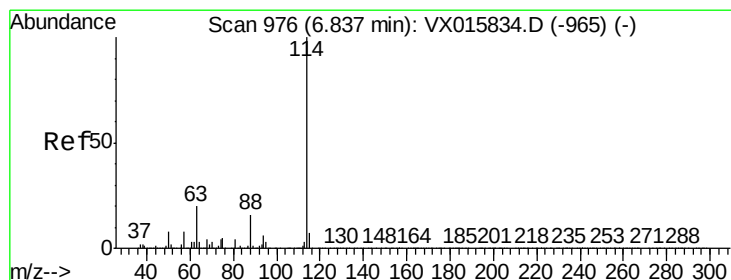
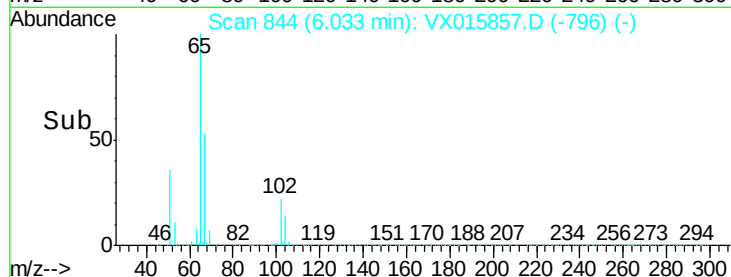
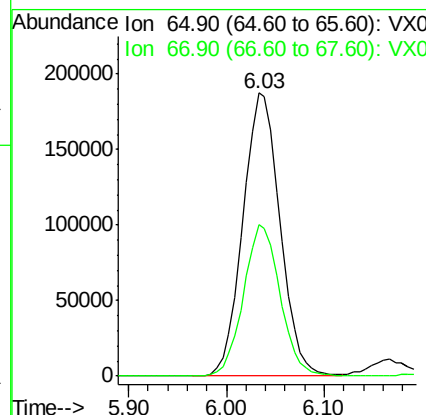
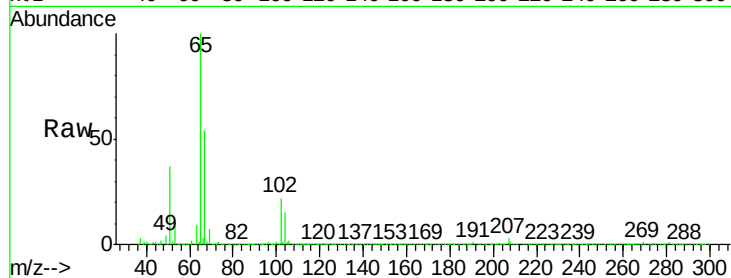
#33
 1,2-Dichloroethane-d4
 Concen: 49.702 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.2

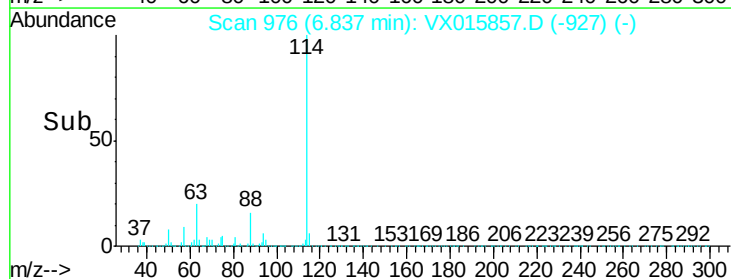
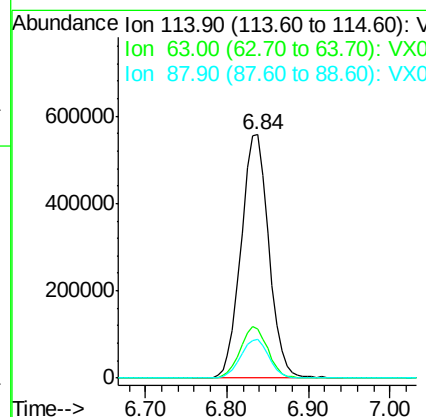
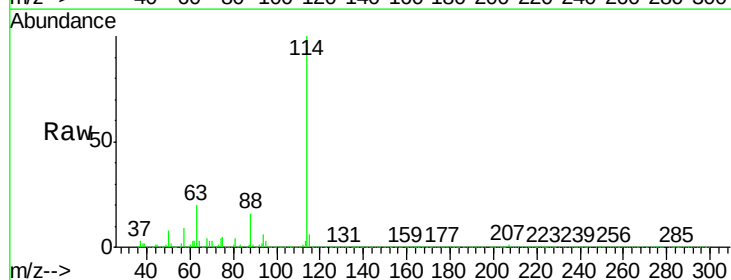
Manual Integrations
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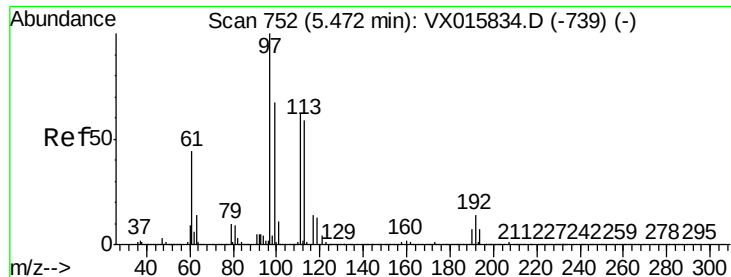
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.6
88	15.9	0.0	32.8





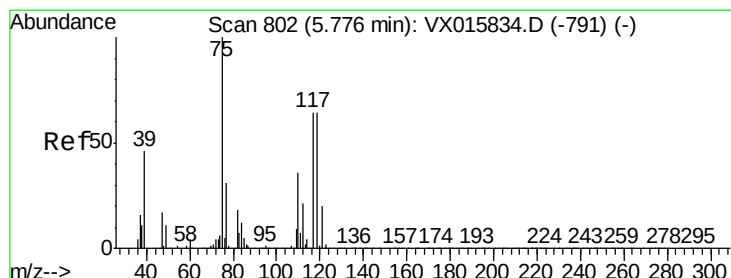
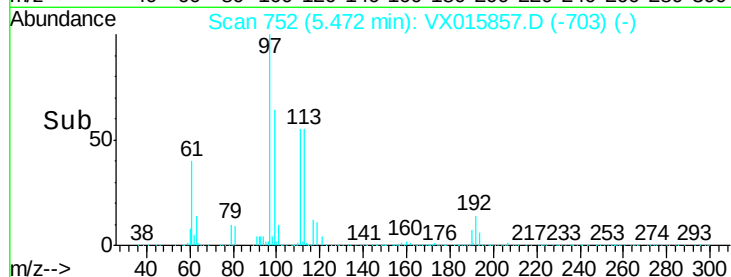
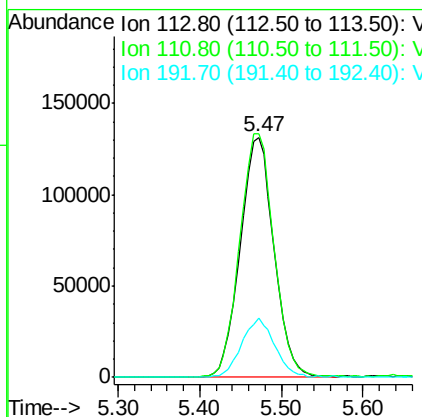
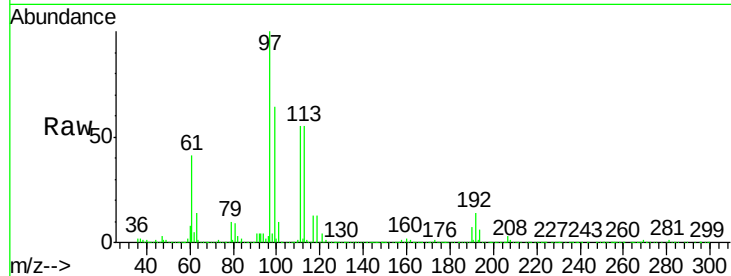
#35
 Dibromofluoromethane
 Concen: 49.712 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	24.5	19.3	28.9

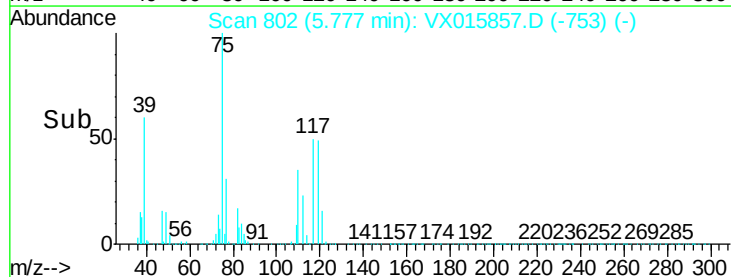
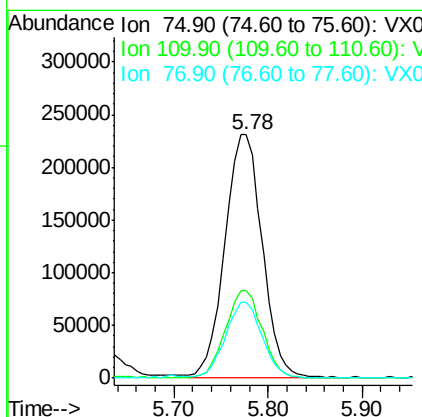
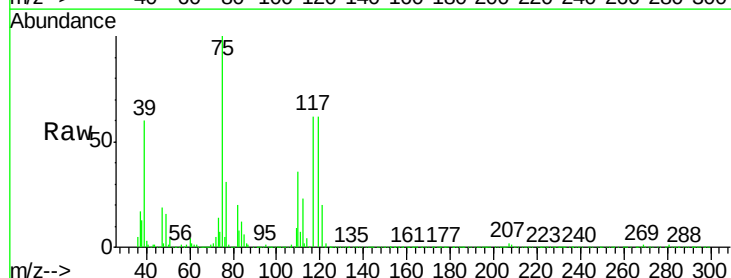
Manual Integrations
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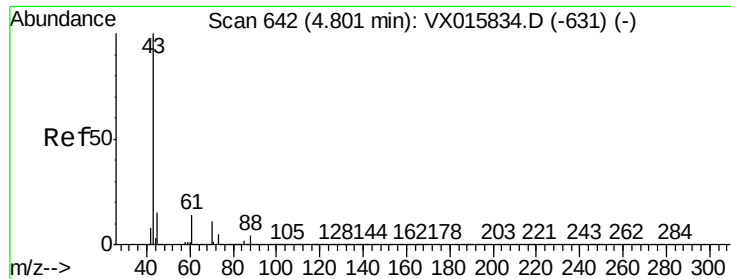
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 54.529 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.9	53.8
77	30.5	24.5	36.7





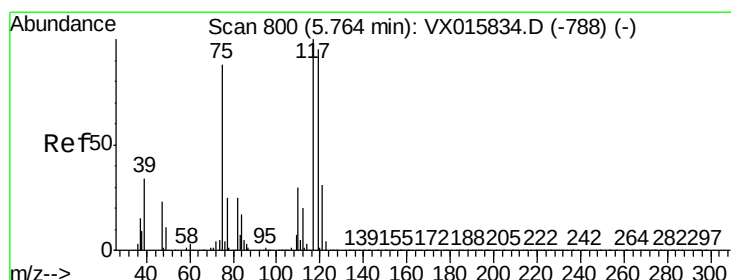
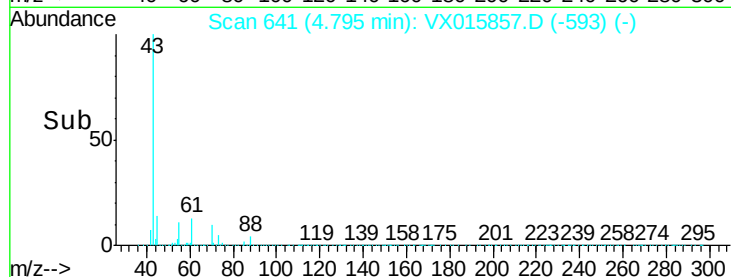
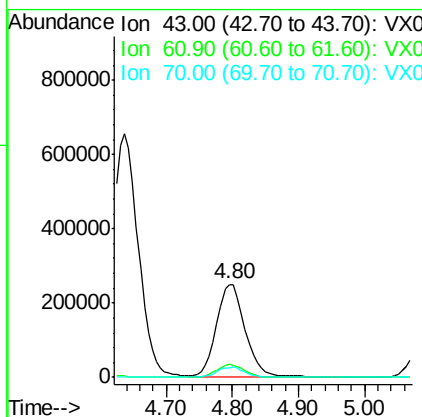
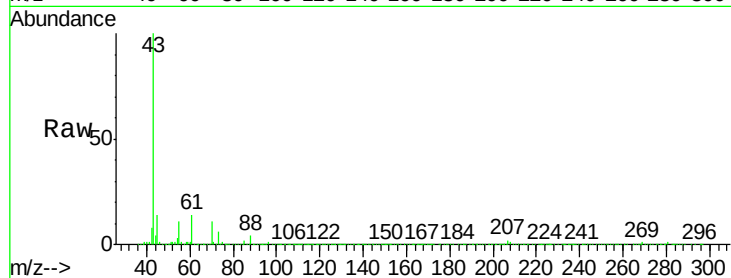
#37
Ethyl Acetate
Concen: 53.779 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	744980
Ion Ratio	Lower	Upper	
43	100		
61	12.9	10.8	16.2
70	10.2	8.2	12.2

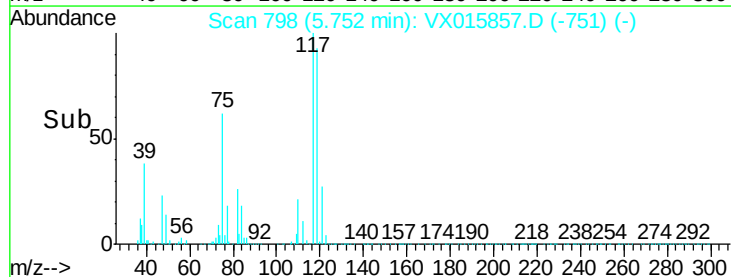
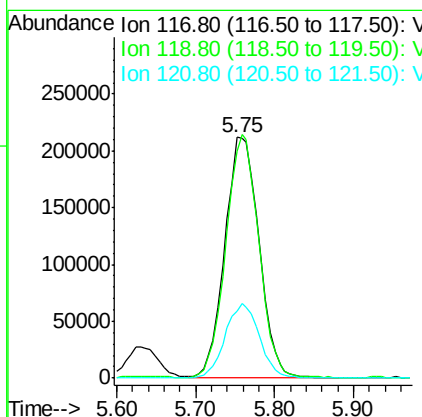
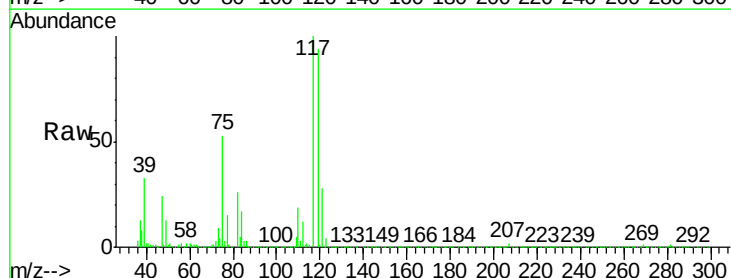
Manual Integrations
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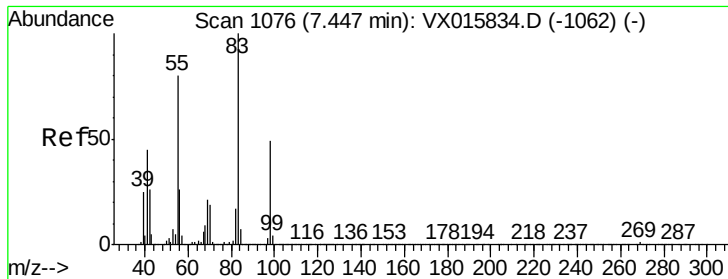
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#38
Carbon Tetrachloride
Concen: 55.574 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	117	Resp	637160
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.7	113.5
121	28.0	25.0	37.6





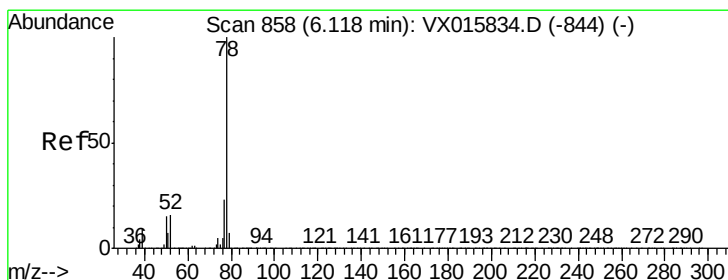
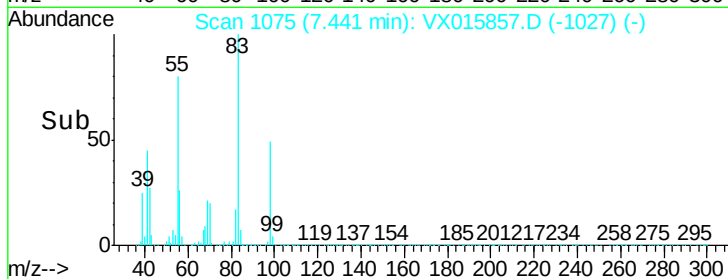
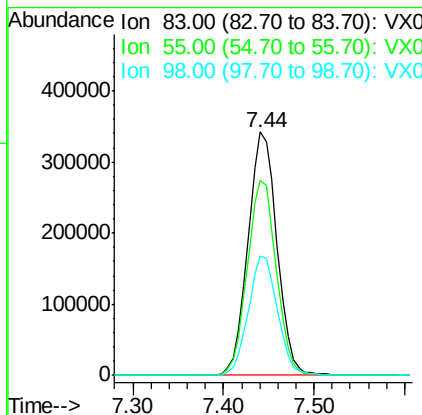
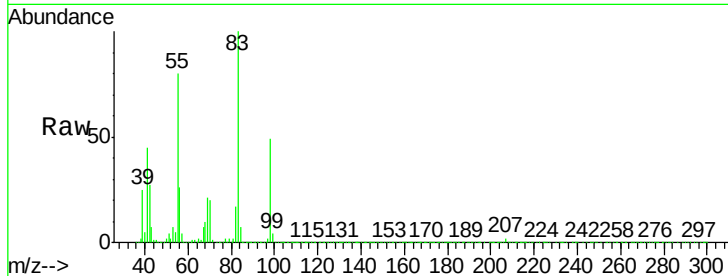
#39
Methylvlcyclohexane
Concen: 51.244 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	755336		
55	80.0		64.2	96.4
98	49.2		39.3	58.9

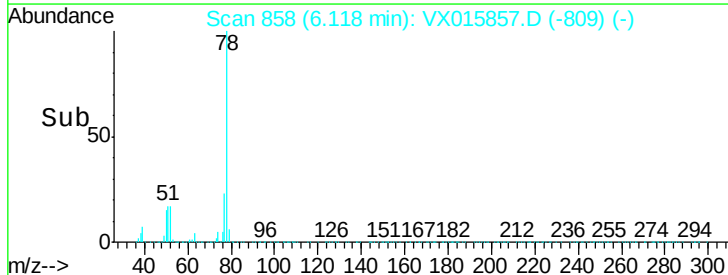
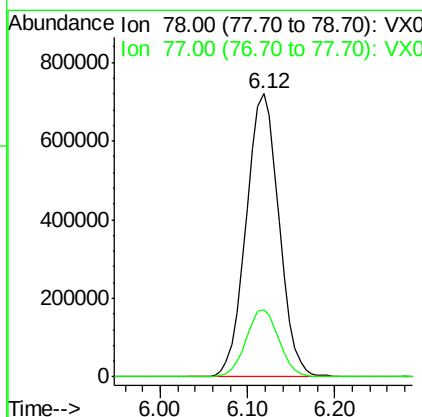
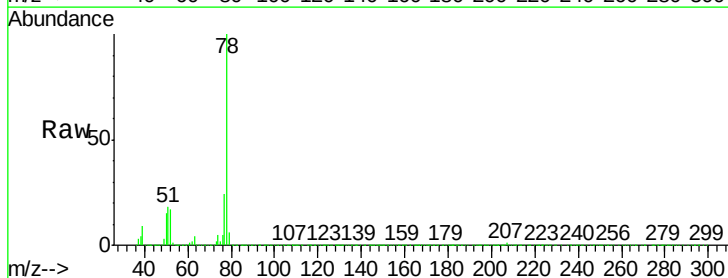
Manual Integrations
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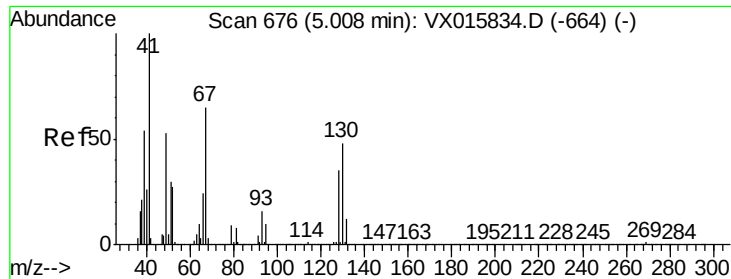
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#40
Benzene
Concen: 53.726 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1883474		
77	23.5		18.6	27.8





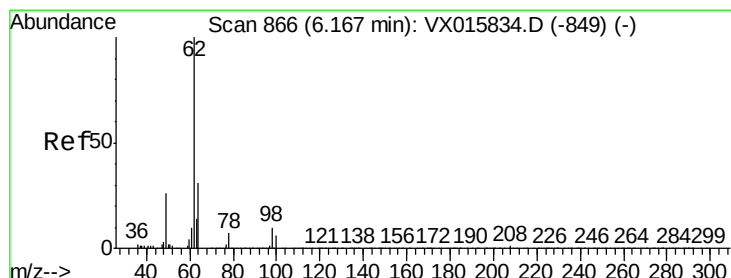
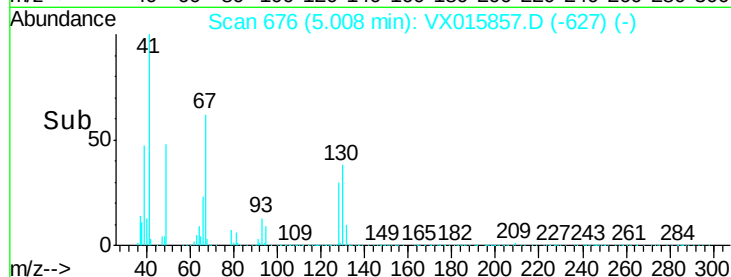
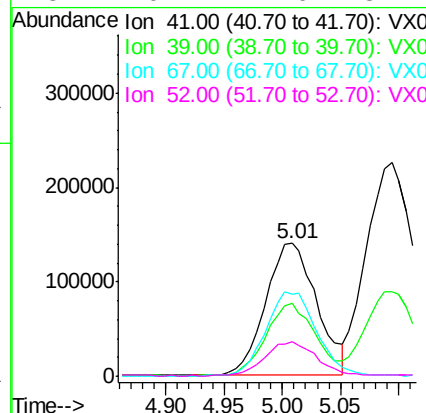
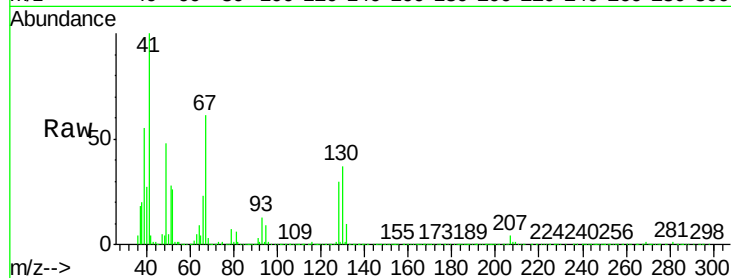
#41
Methacrylonitrile
Concen: 55.551 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		427608		
39	51.9	42.4	63.6		
67	64.3	51.9	77.9		
52	26.4	21.0	31.4		

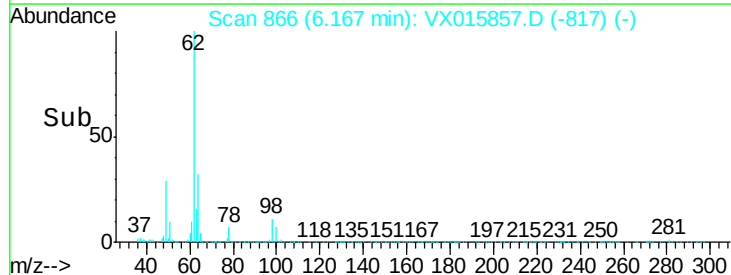
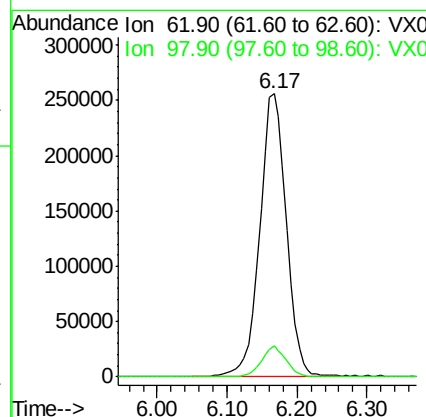
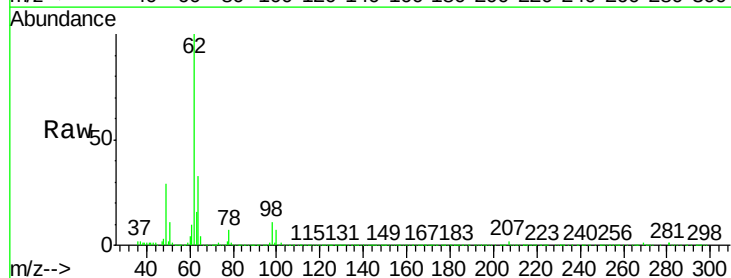
Manual Integrations
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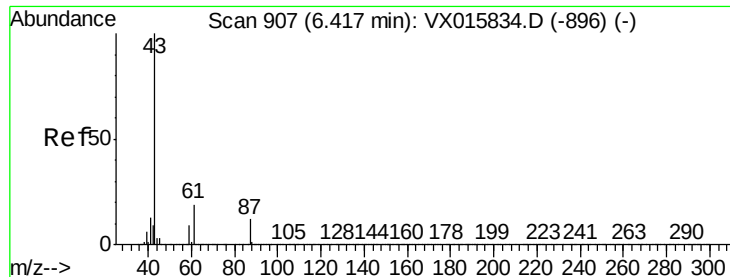
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.609 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		676749		
98	9.8	0.0	20.0		





#43

Isopropyl Acetate

Concen: 53.695 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1254706

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.2

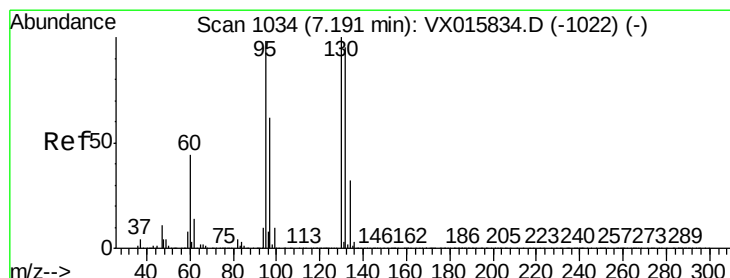
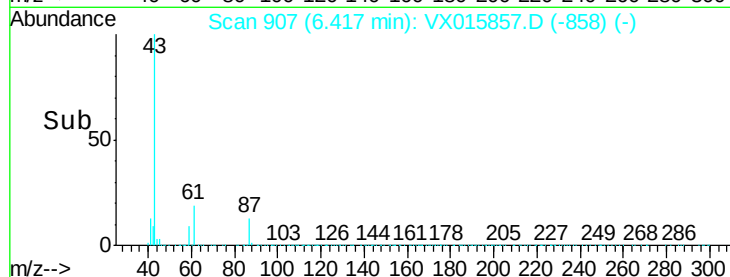
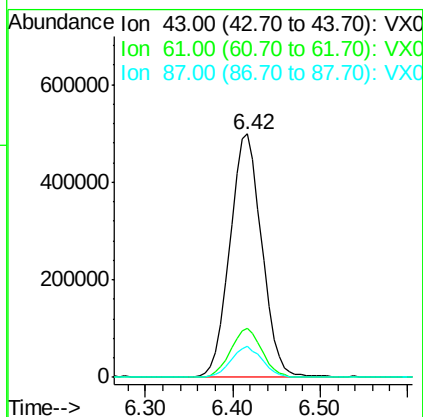
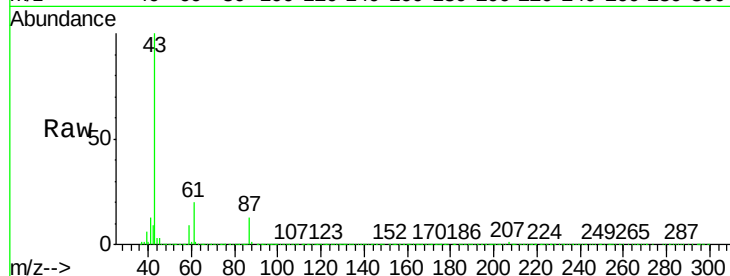
87 12.6 9.8 14.6

Manual Integrations

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4/23/2020 12:16:20 PM



#44

Trichloroethene

Concen: 52.327 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015857.D

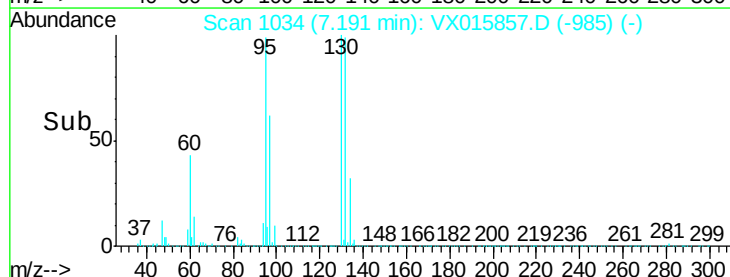
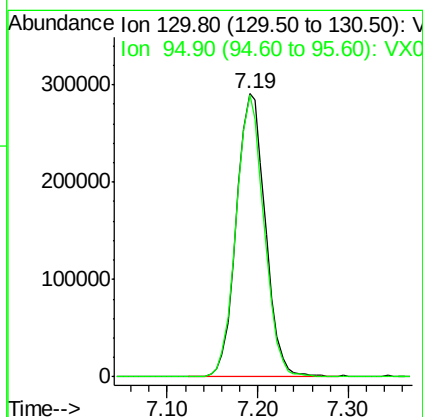
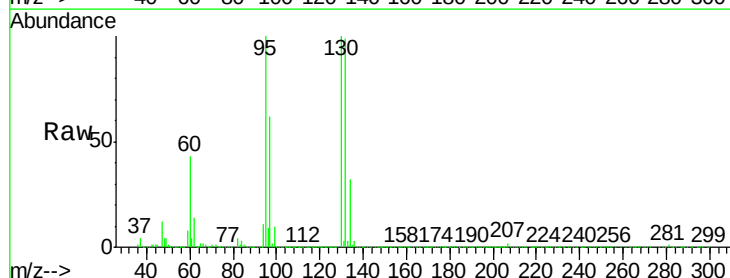
Acq: 22 Apr 2020 21:55

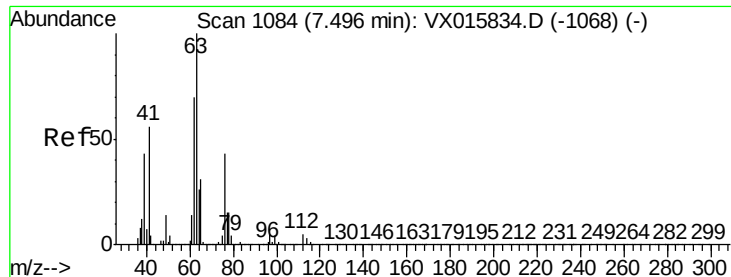
Tgt Ion:130 Resp: 644665

Ion Ratio Lower Upper

130 100

95 99.6 0.0 195.8





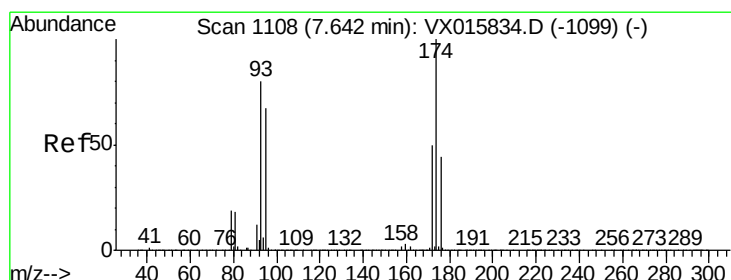
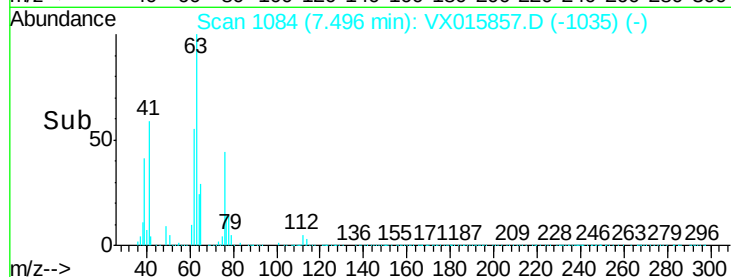
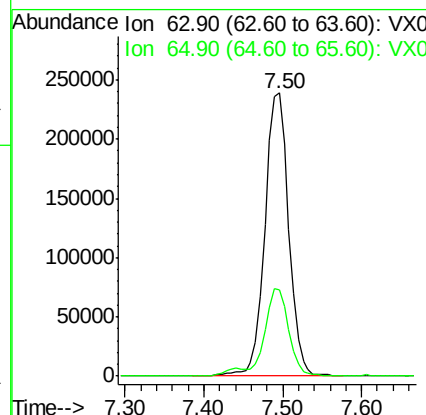
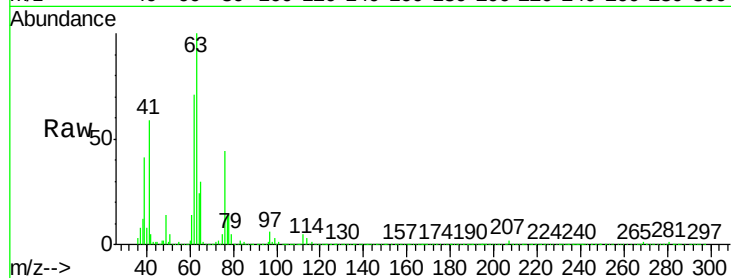
#45
 1,2-Dichloropropane
 Concen: 54.519 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	500875		
65	30.3		24.5	36.7

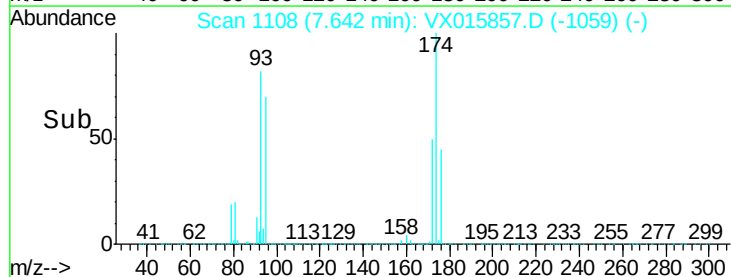
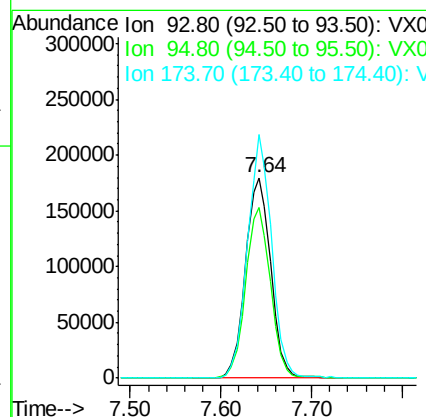
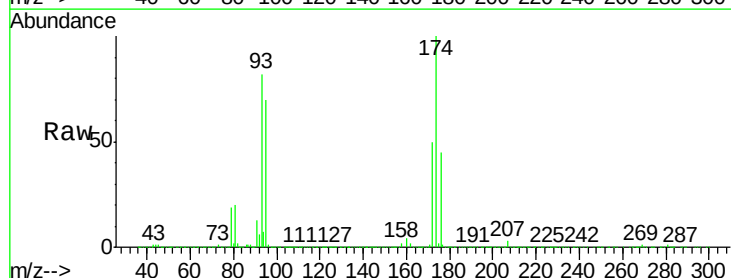
Manual Integrations
 APPROVED

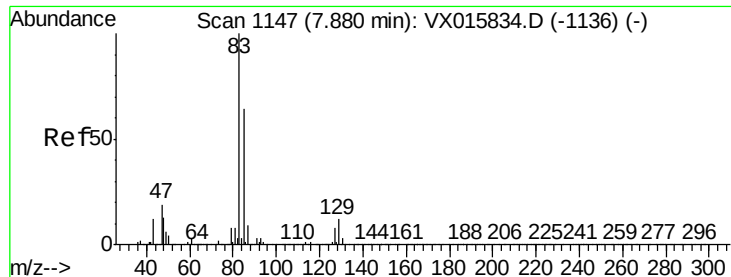
MMDadoda
 4/23/2020 12:16:20 PM



#46
 Dibromomethane
 Concen: 51.380 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	344584		
95	84.3		65.8	98.8
174	116.3		95.6	143.4





#47

Bromodichloromethane

Concen: 55.533 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

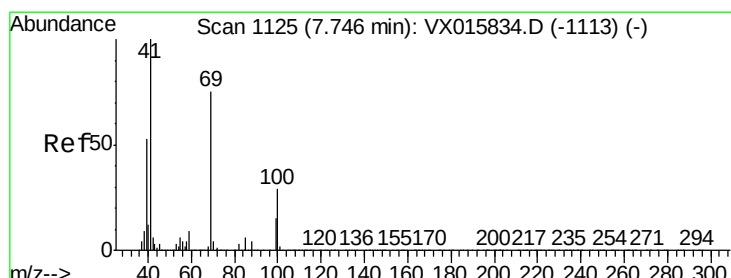
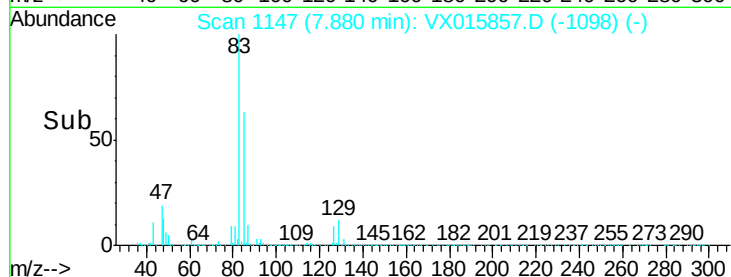
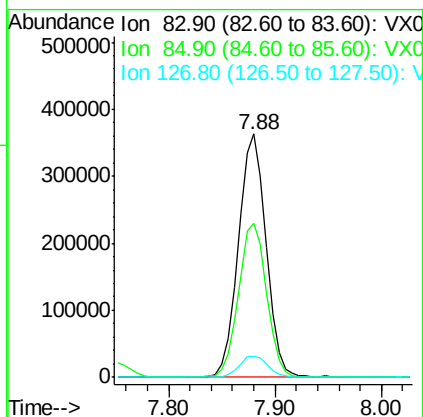
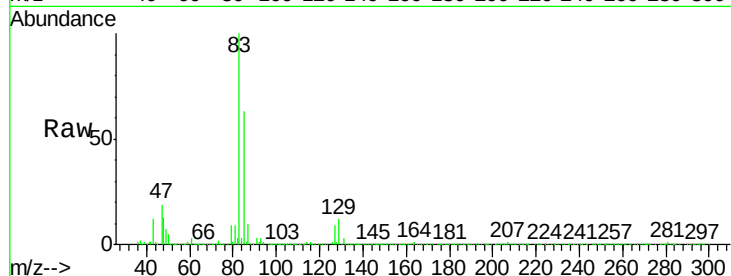
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	662560
Ion Ratio		Lower	Upper
83	100		
85	63.2	50.8	76.2
127	8.5	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.693 ug/l

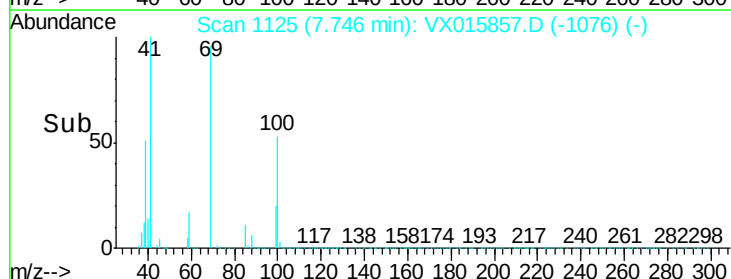
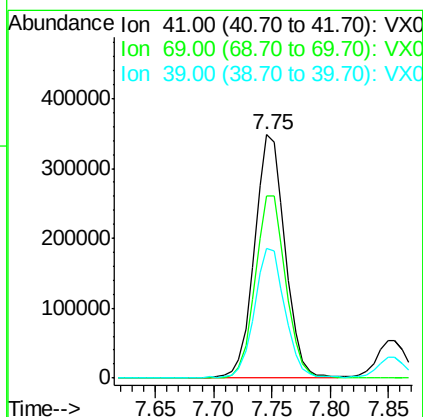
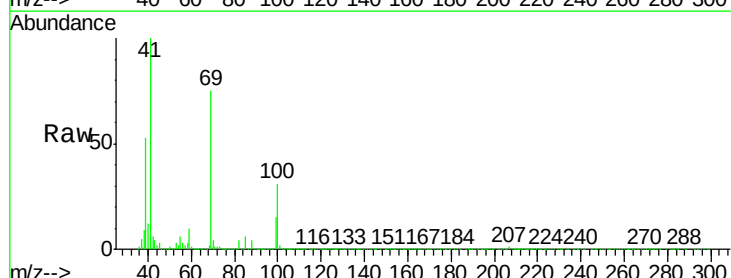
RT: 7.75 min Scan# 1125

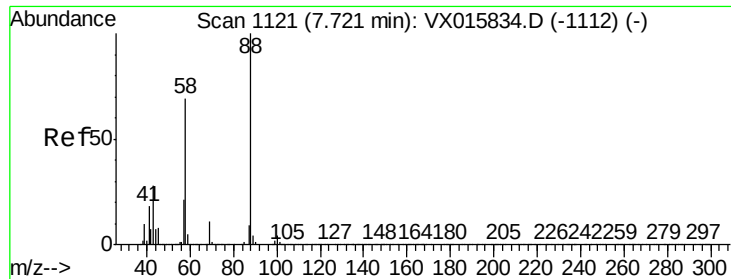
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	41	Resp:	628649
Ion Ratio		Lower	Upper
41	100		
69	74.8	60.5	90.7
39	53.3	42.1	63.1





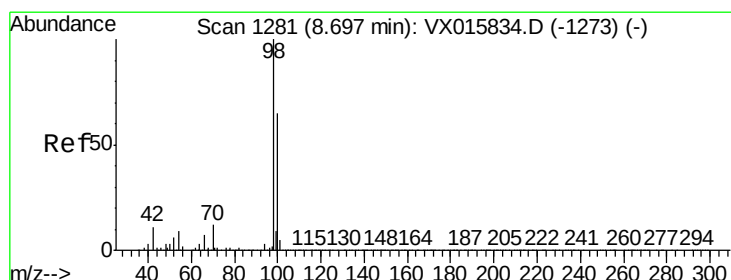
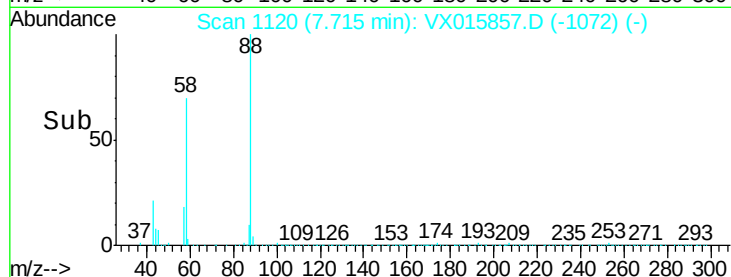
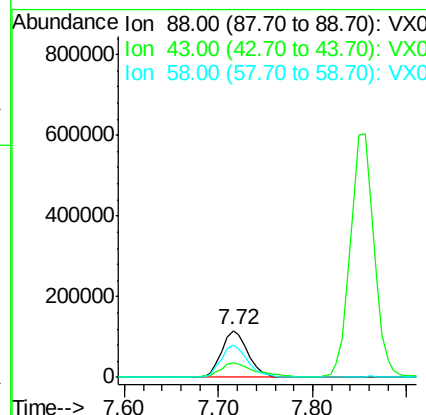
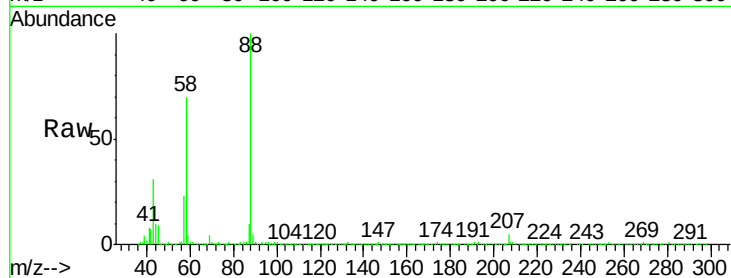
#49
1,4-Dioxane
Concen: 1022.846 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	28.2	42.4
58	72.6	58.9	88.3

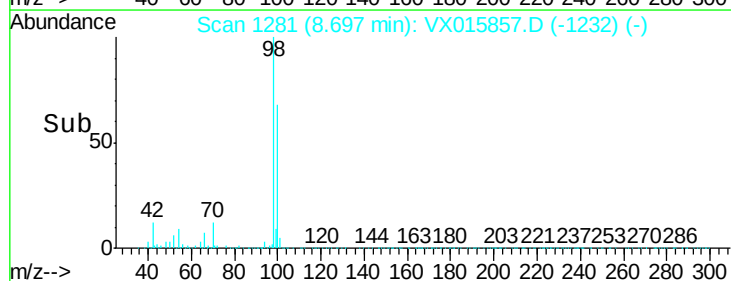
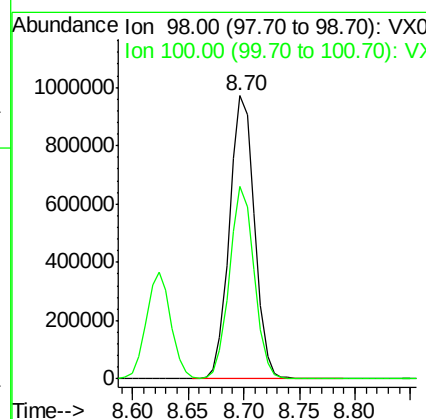
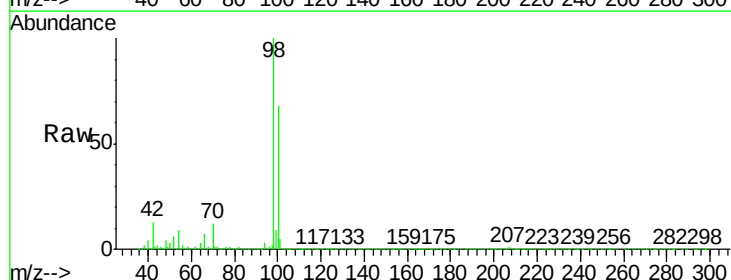
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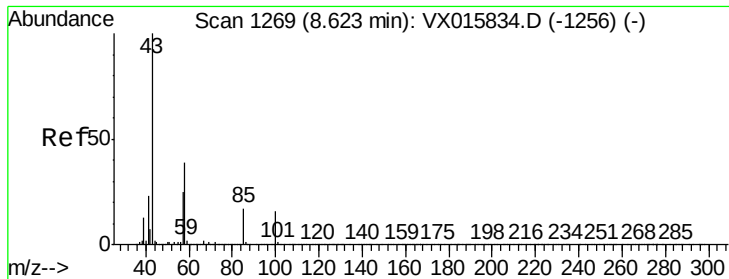
MMDadoda
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#50
Toluene-d8
Concen: 49.704 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.8	80.6





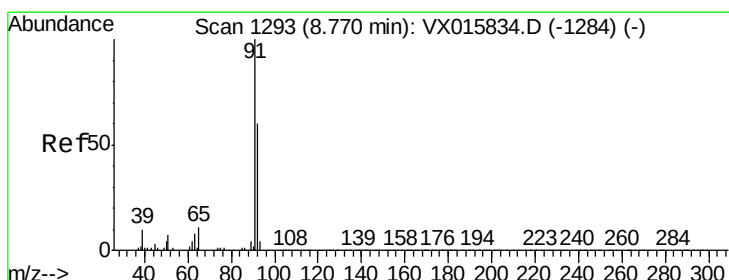
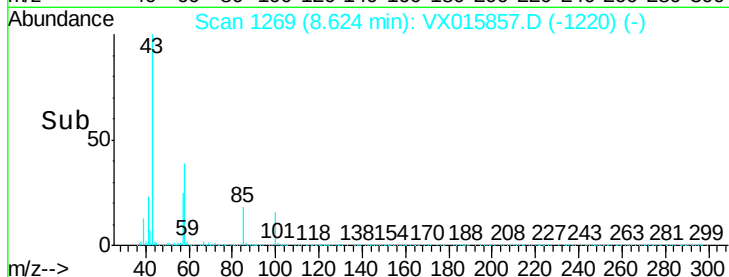
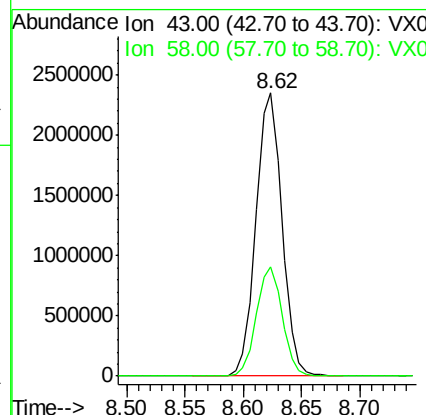
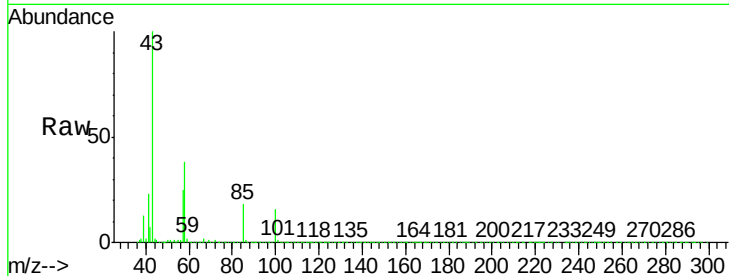
#51
 4-Methyl-2-Pentanone
 Concen: 272.422 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 3674361
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.6 45.8

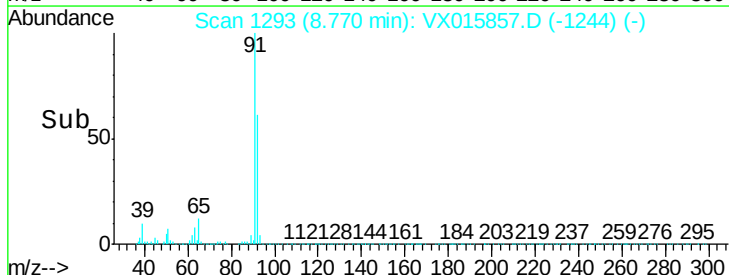
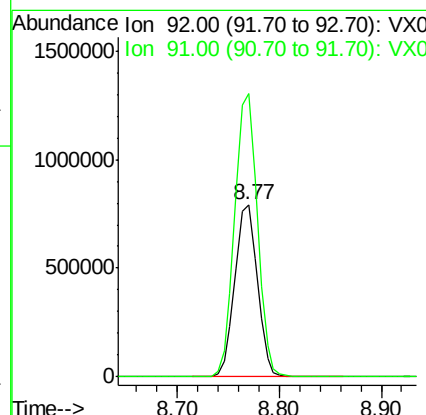
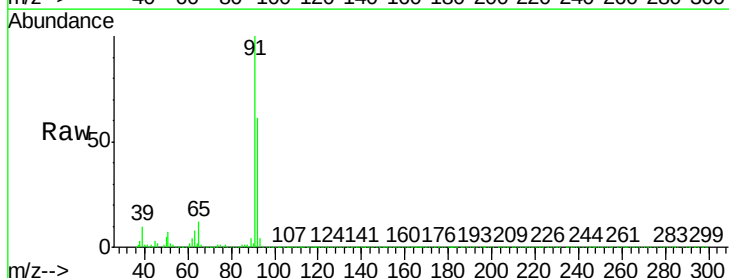
Manual Integrations
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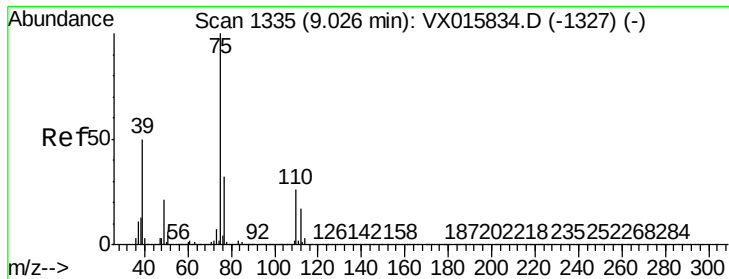
MMDadoda
 4/23/2020 12:16:20 PM



#52
 Toluene
 Concen: 53.938 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion: 92 Resp: 1212016
 Ion Ratio Lower Upper
 92 100
 91 165.5 133.4 200.0





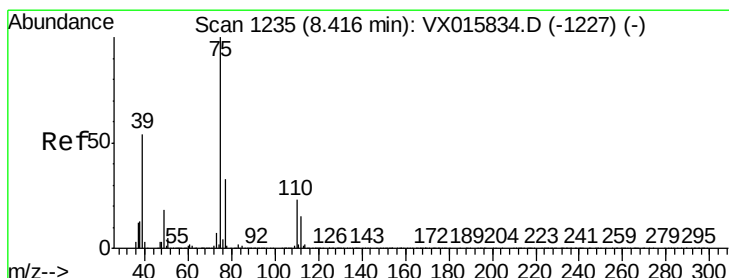
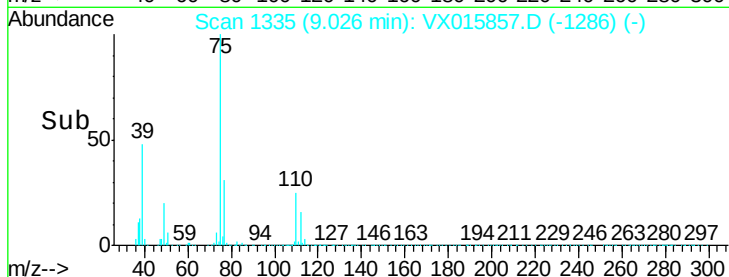
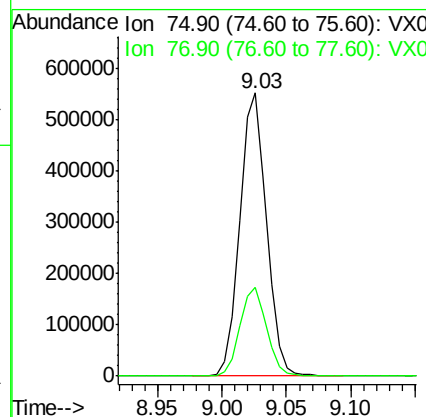
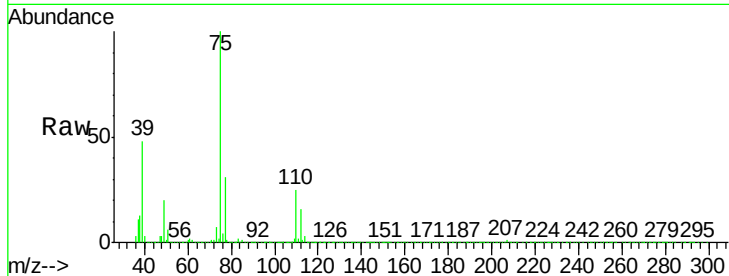
#53
t-1,3-Dichloropropene
Concen: 53.360 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.9	38.9

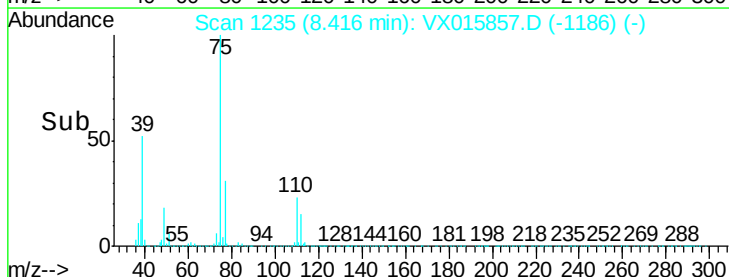
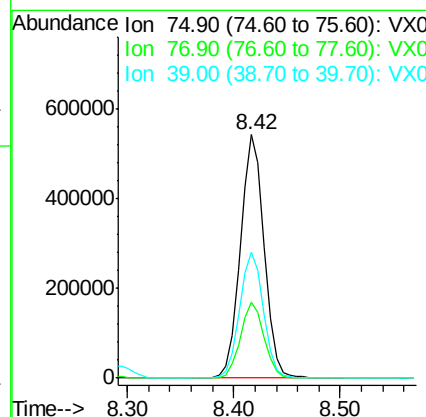
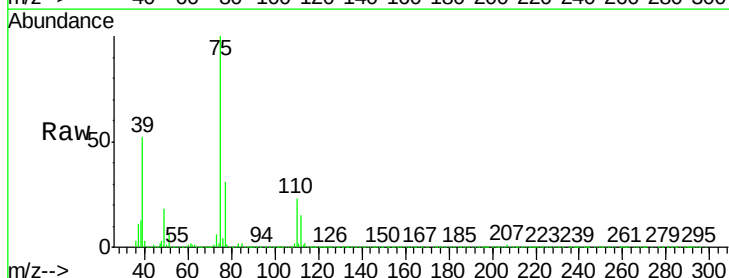
Manual Integrations
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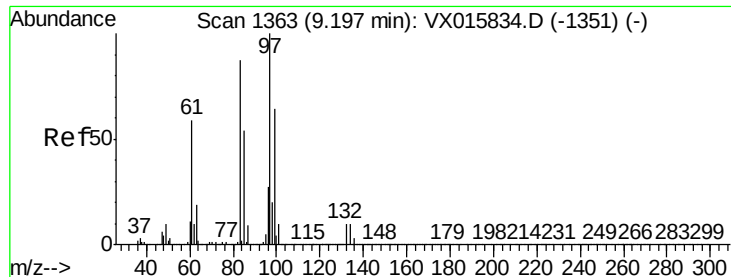
MMDadoda
4/23/2020 12:16:20 PM



#54
cis-1,3-Dichloropropene
Concen: 54.164 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.0	39.0
39	51.5	42.8	64.2





#55

1,1,2-Trichloroethane

Concen: 55.715 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

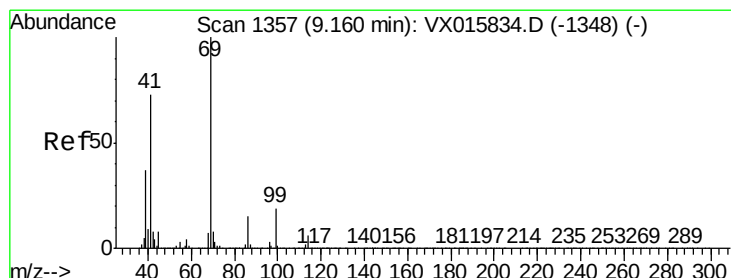
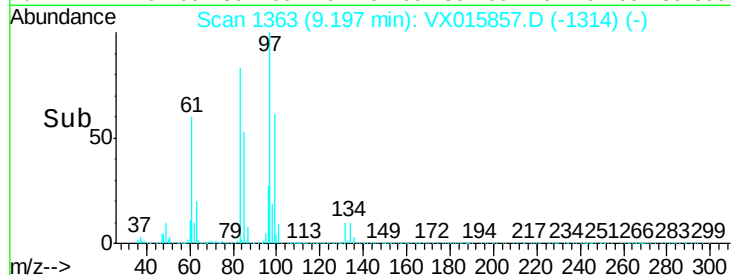
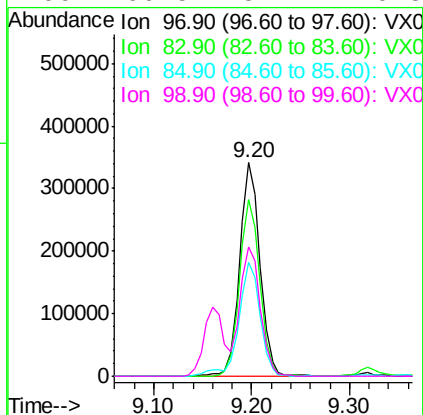
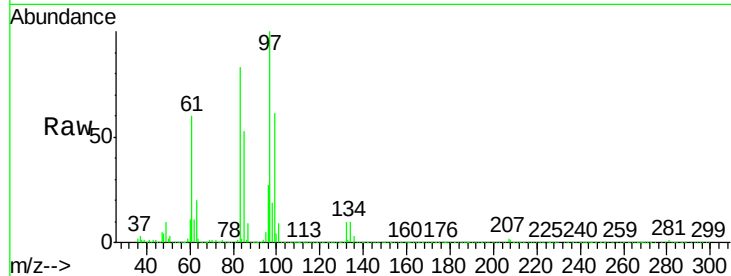
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		488858		
83	83.0	69.8	104.8		
85	53.2	43.4	65.2		
99	60.5	51.2	76.8		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 53.592 ug/l

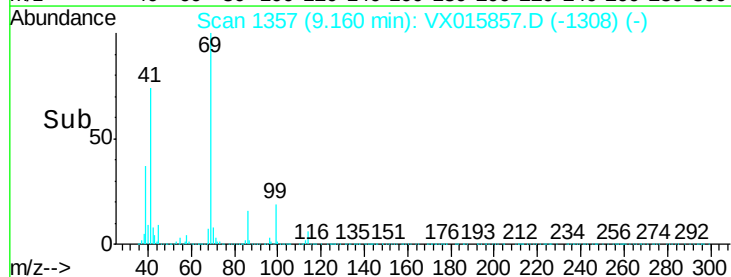
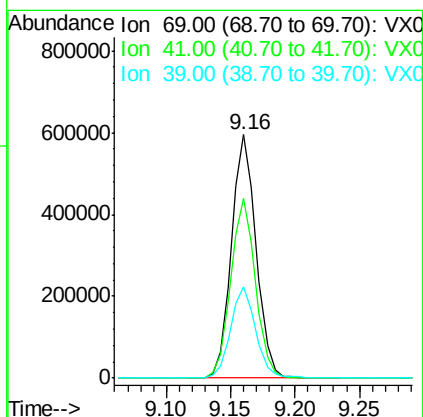
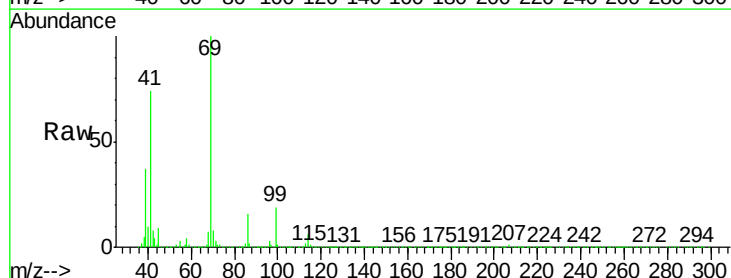
RT: 9.16 min Scan# 1357

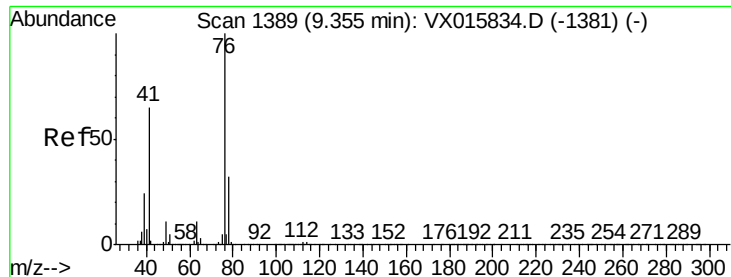
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		796490		
41	73.6	57.4	86.2		
39	37.9	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 54.279 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 827618

Ion Ratio Lower Upper

76 100

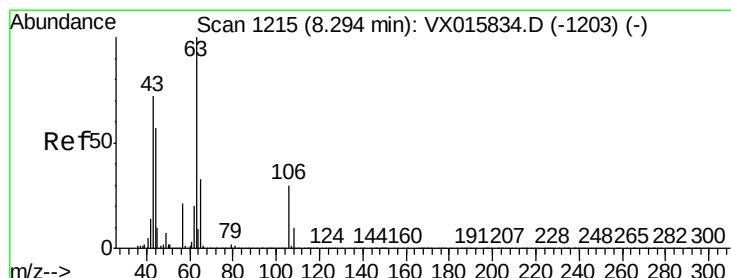
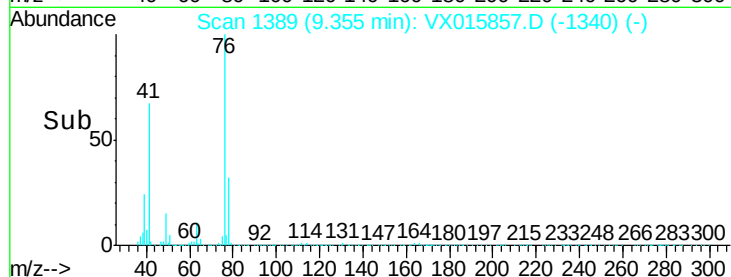
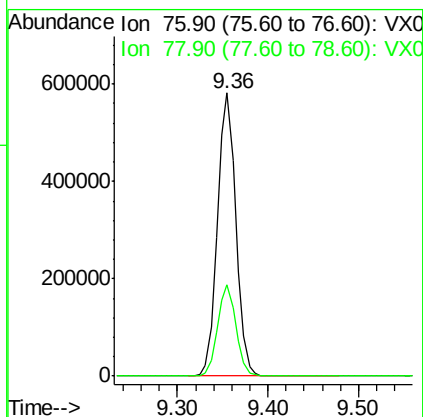
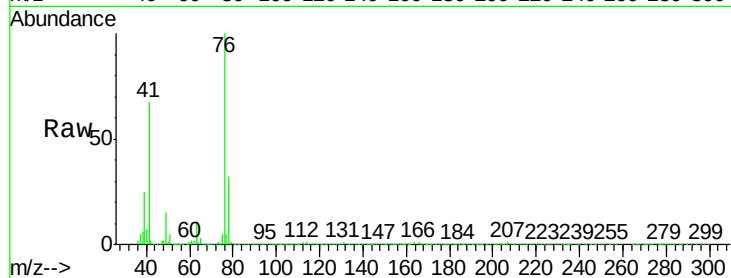
78 32.2 25.4 38.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 262.673 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015857.D

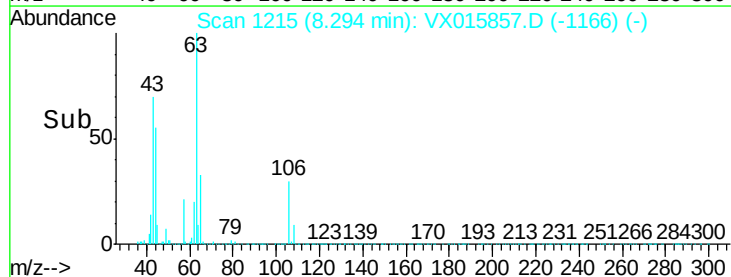
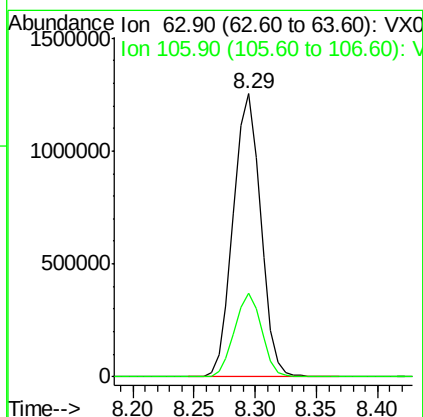
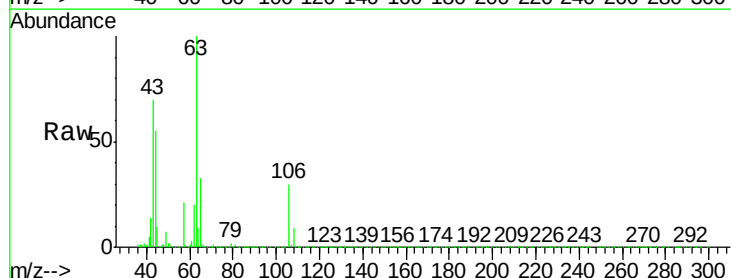
Acq: 22 Apr 2020 21:55

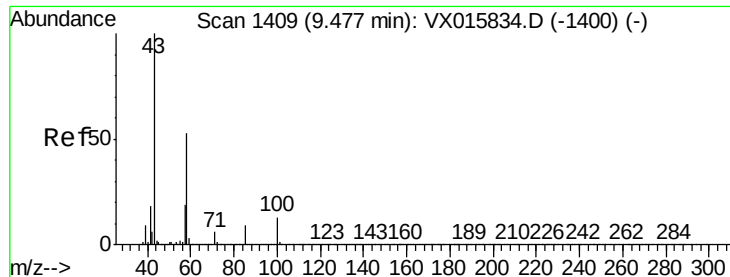
Tgt Ion: 63 Resp: 1950237

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.8





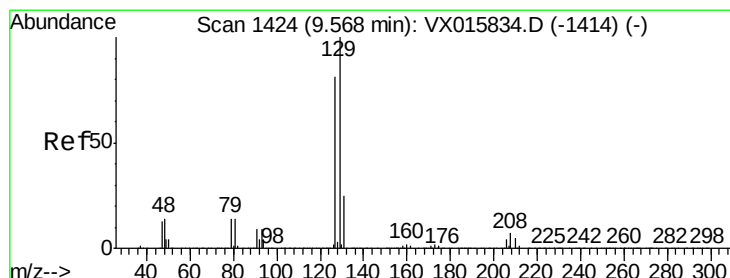
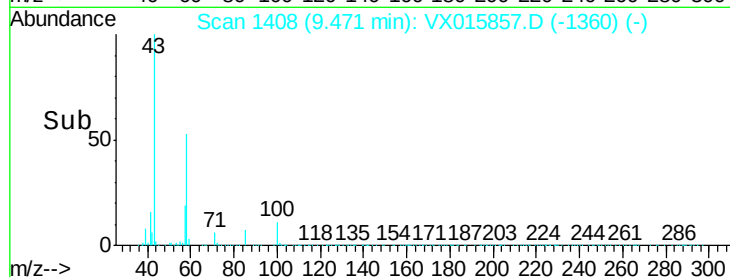
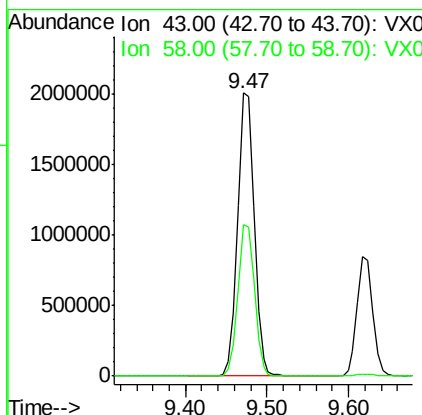
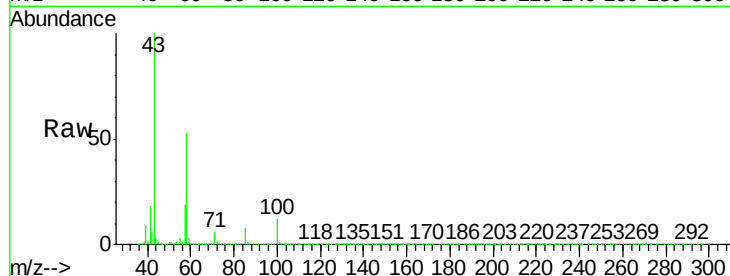
#59
2-Hexanone
Concen: 270.989 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2784432
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.4

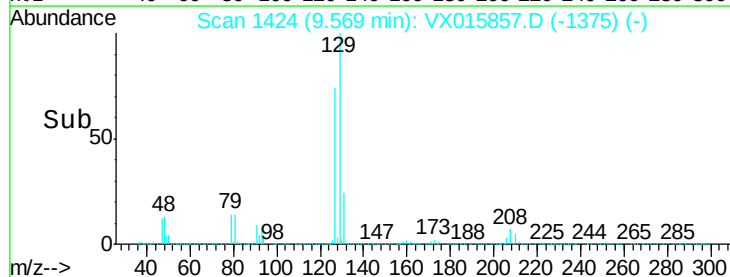
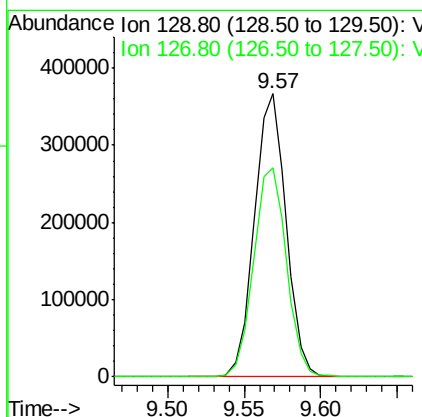
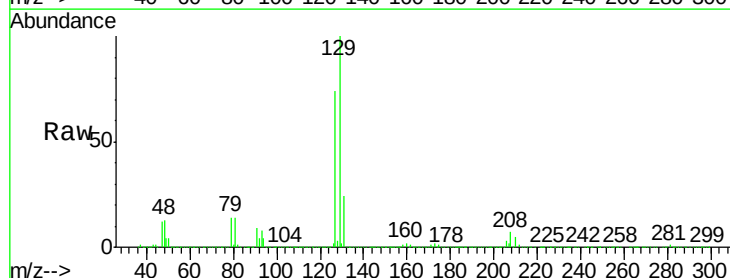
Manual Integrations
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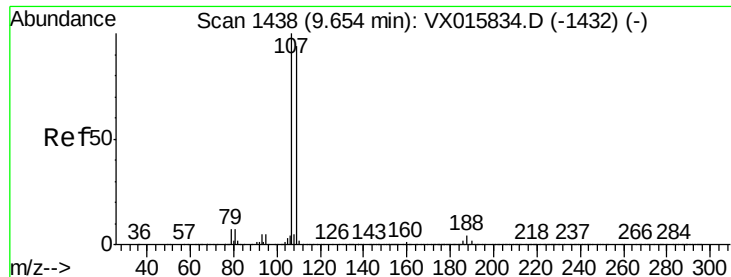
MMDadoda
4/23/2020 12:16:20 PM



#60
Dibromochloromethane
Concen: 58.262 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 129 Resp: 527921
Ion Ratio Lower Upper
129 100
127 76.7 40.0 120.0





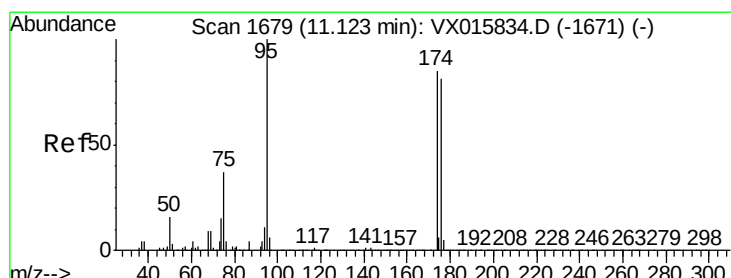
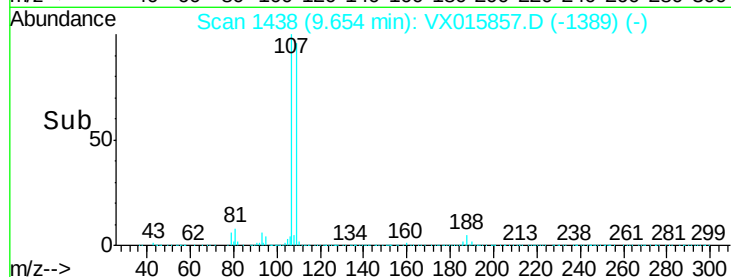
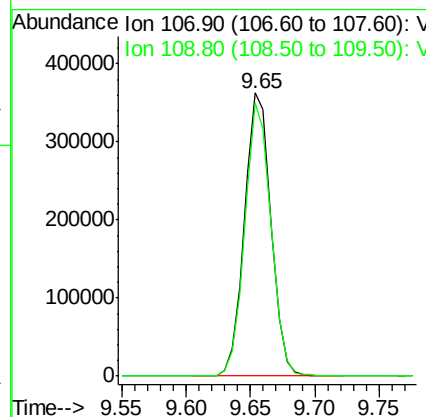
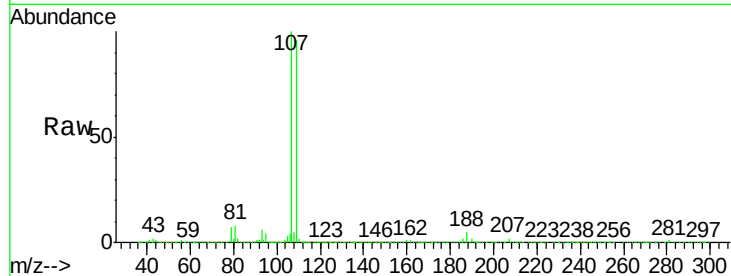
#61
 1,2-Dibromoethane
 Concen: 52.944 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.4	113.0

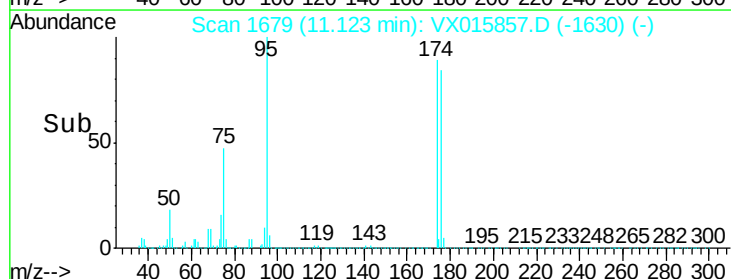
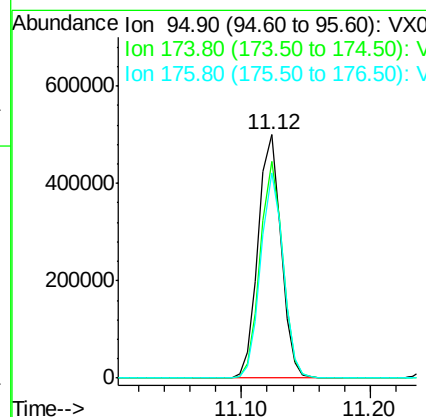
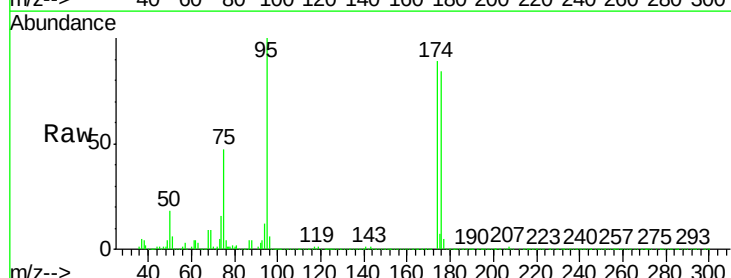
Manual Integrations
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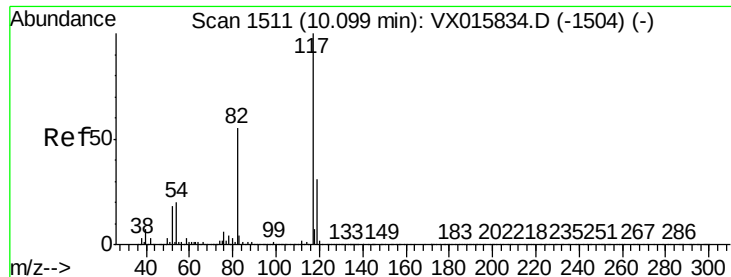
MMDadoda
 4/23/2020 12:16:20 PM



#62
 4-Bromofluorobenzene
 Concen: 48.943 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	172.4
176	82.6	0.0	167.0





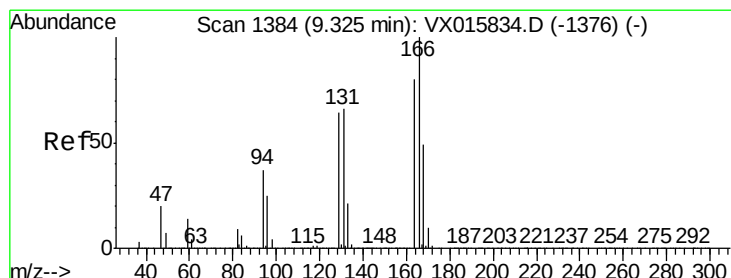
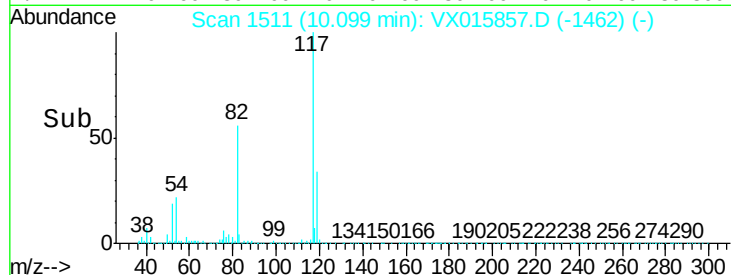
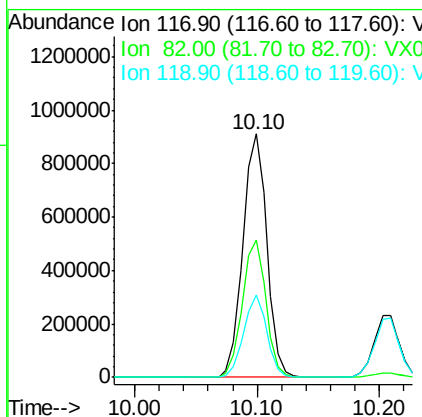
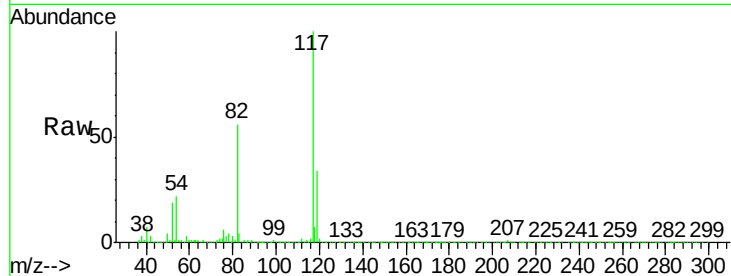
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.9	65.9
119	33.6	25.1	37.7

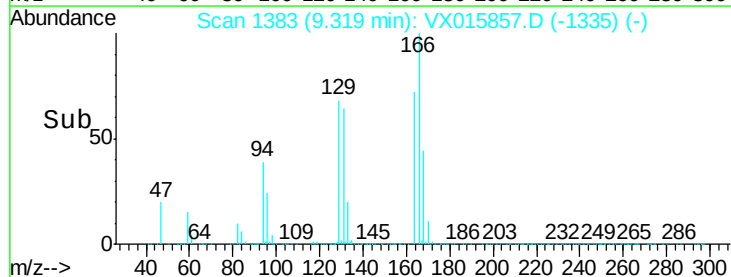
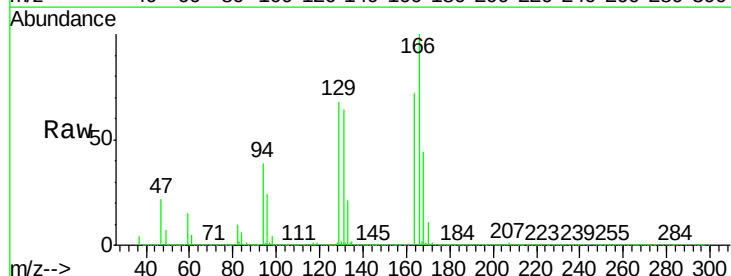
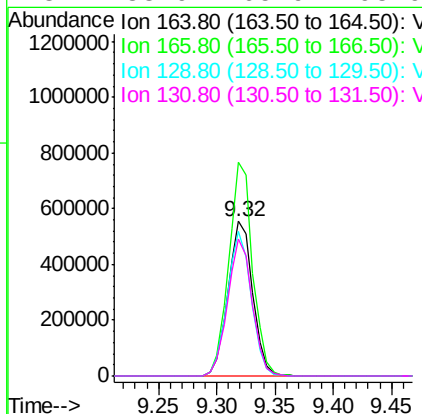
Manual Integrations
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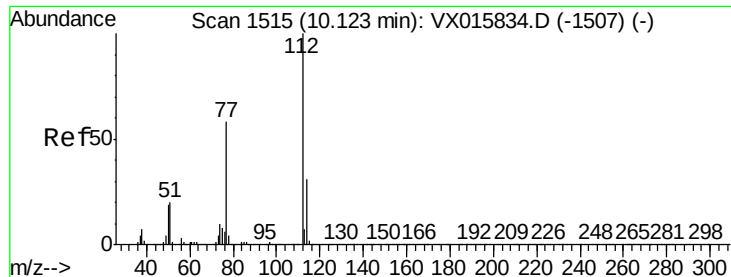
MMDadoda
4/23/2020 12:16:20 PM



#64
Tetrachloroethene
Concen: 49.165 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.3	100.2	150.2
129	93.4	64.5	96.7
131	88.9	65.9	98.9





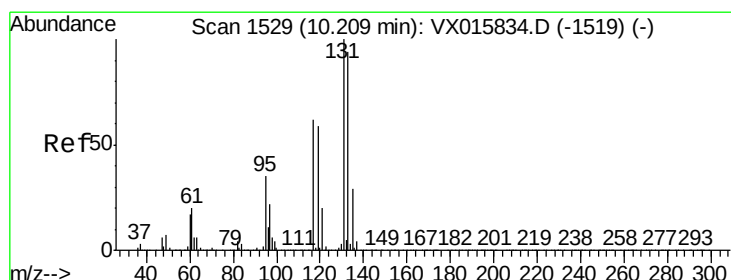
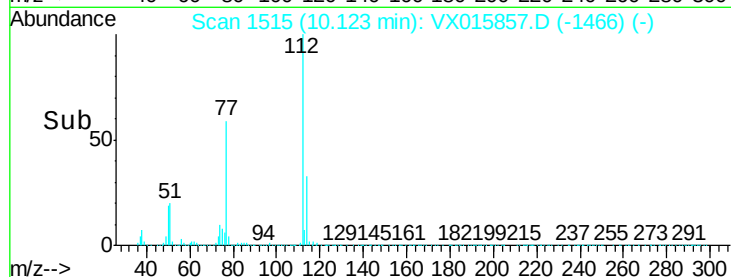
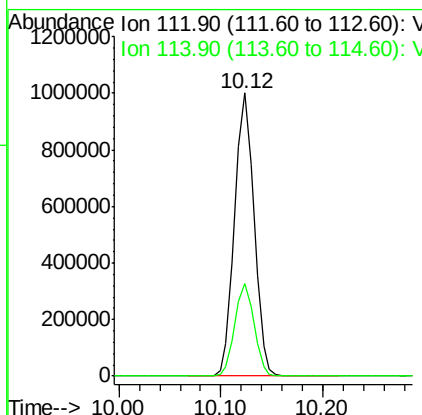
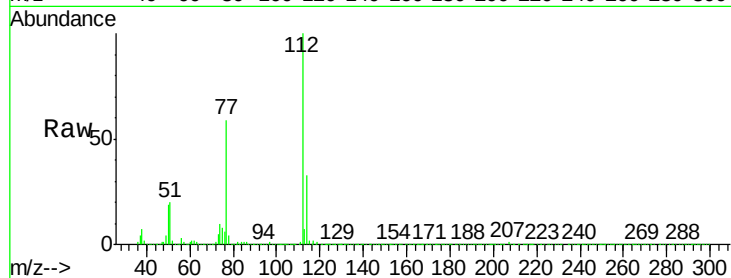
#65
Chlorobenzene
Concen: 53.488 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 1317019
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

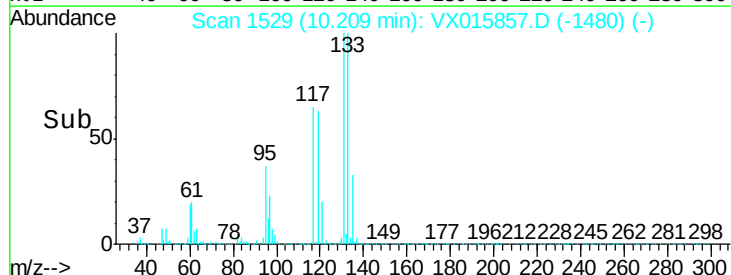
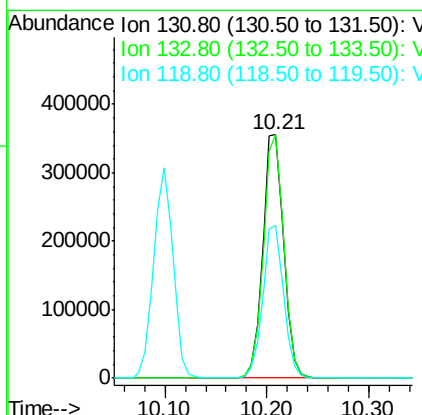
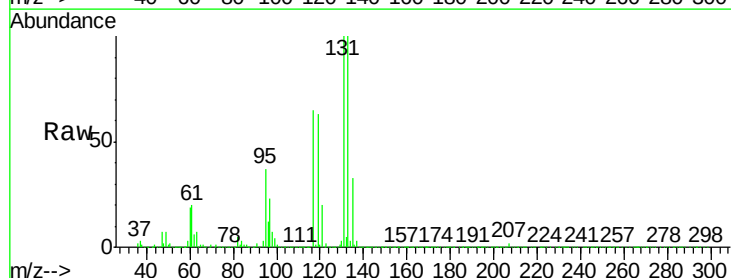
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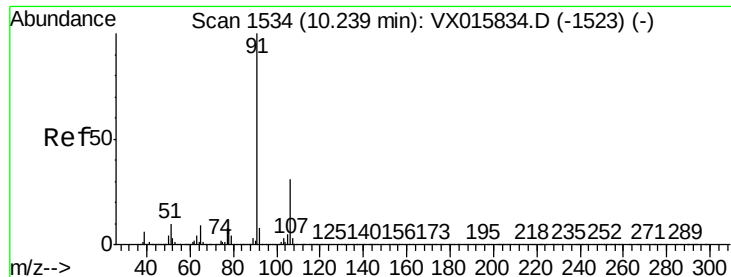
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.438 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion:131 Resp: 510242
Ion Ratio Lower Upper
131 100
133 97.0 47.0 141.2
119 62.4 30.9 92.8





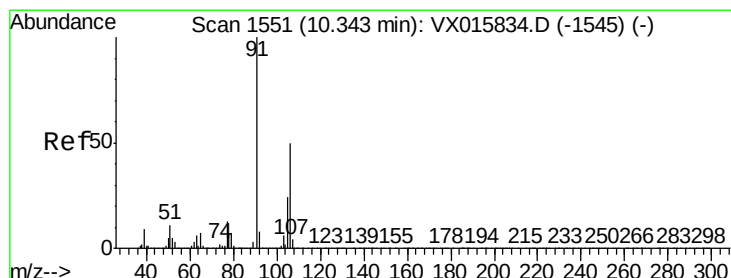
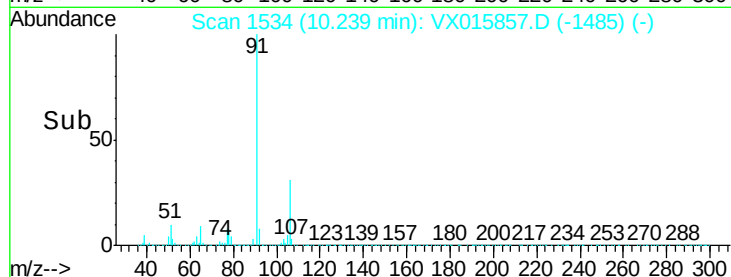
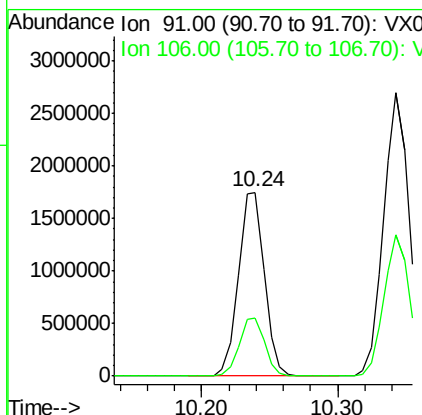
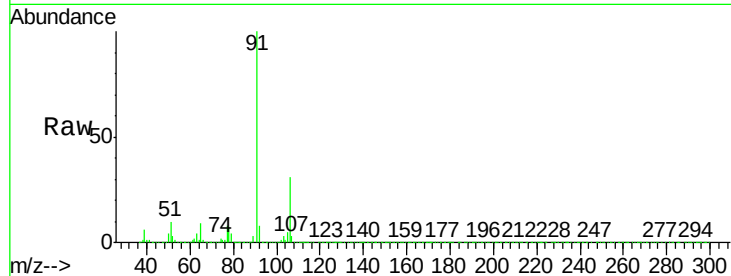
#67
Ethyl Benzene
Concen: 53.776 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2325236
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

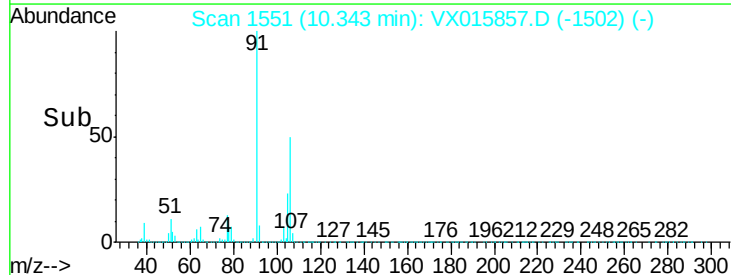
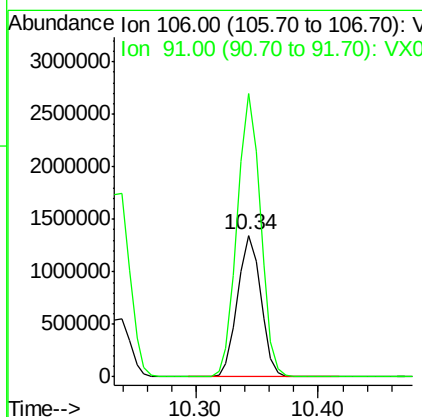
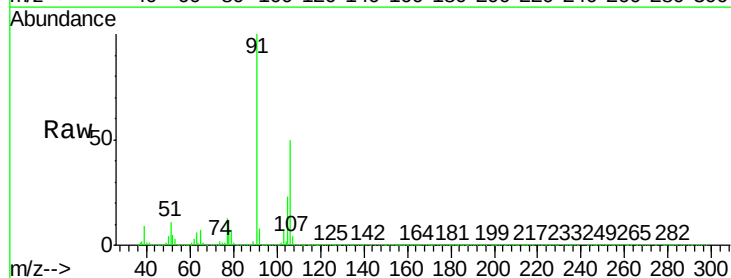
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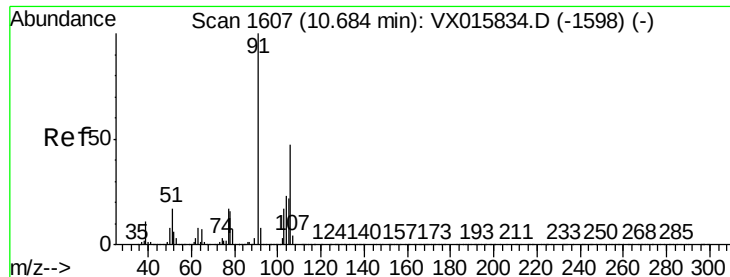
MMDadoda
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#68
m/p-Xylenes
Concen: 109.270 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 106 Resp: 1773452
Ion Ratio Lower Upper
106 100
91 200.2 161.1 241.7





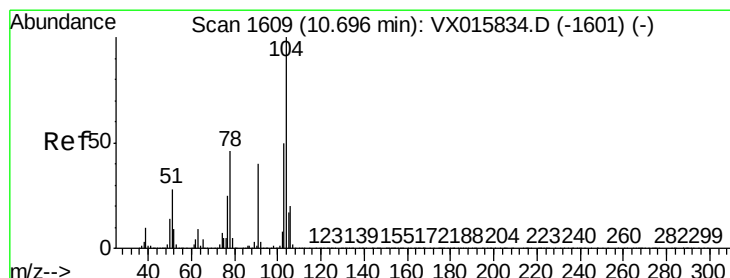
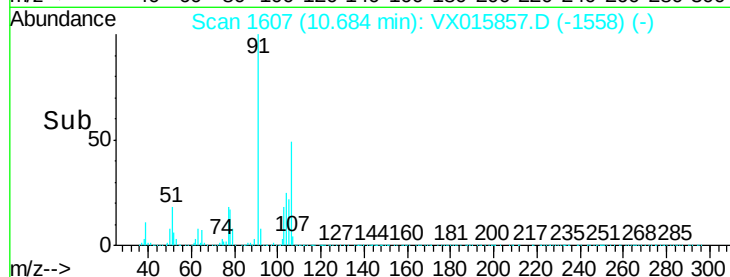
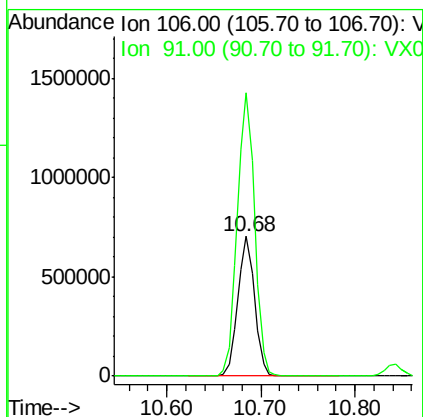
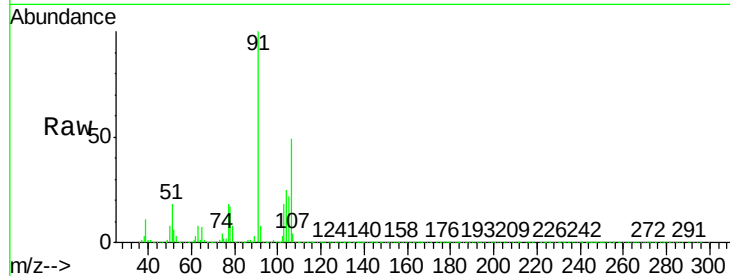
#69
o-Xylene
Concen: 54.540 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	107.1	321.3

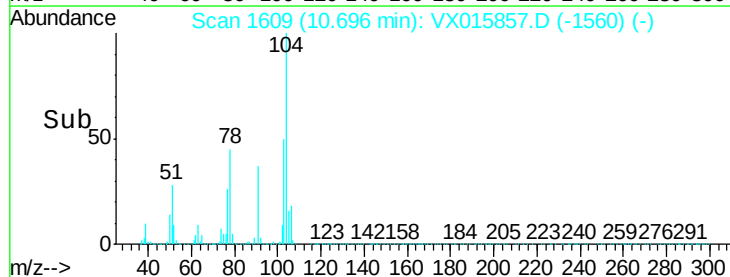
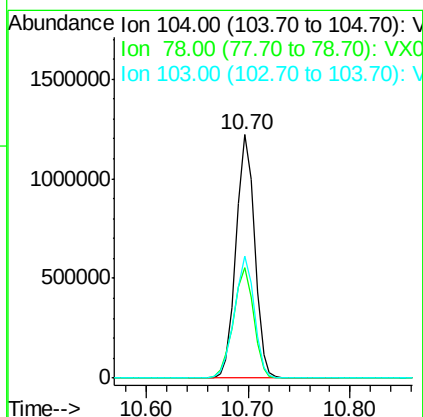
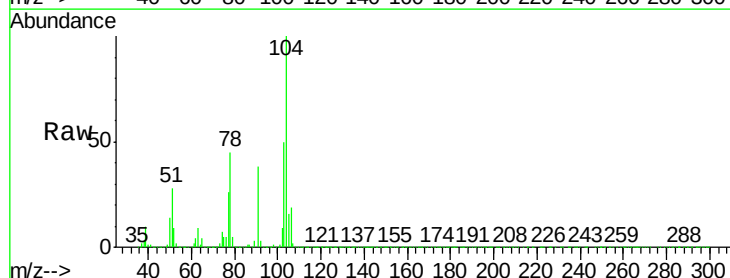
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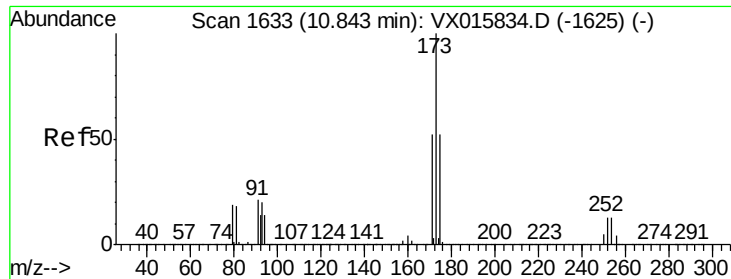
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#70
Styrene
Concen: 55.159 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.7	40.1	60.1
103	53.6	43.3	64.9





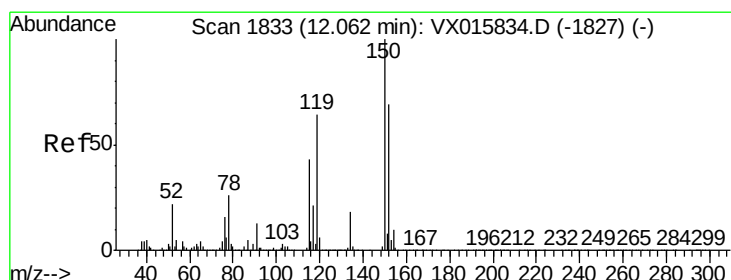
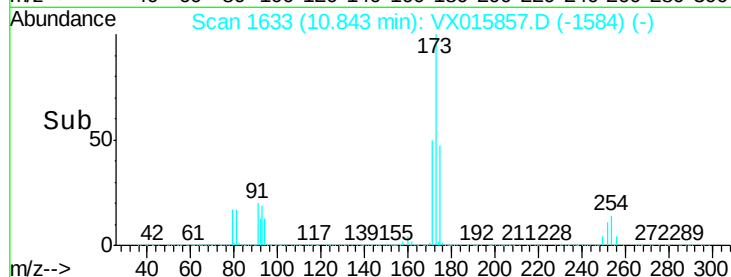
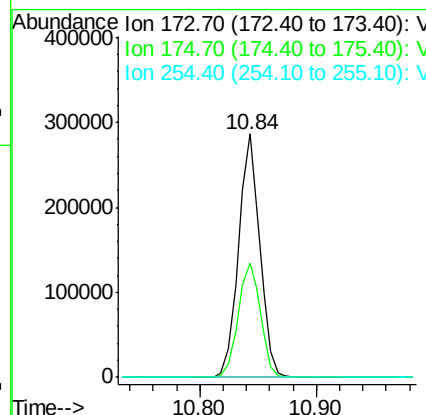
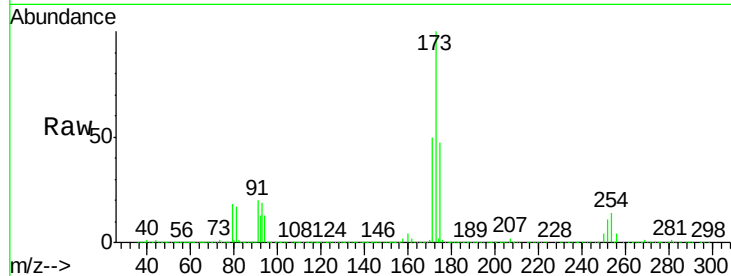
#71
Bromoform
Concen: 60.774 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	25.1	75.4
254	0.3	0.3	0.5

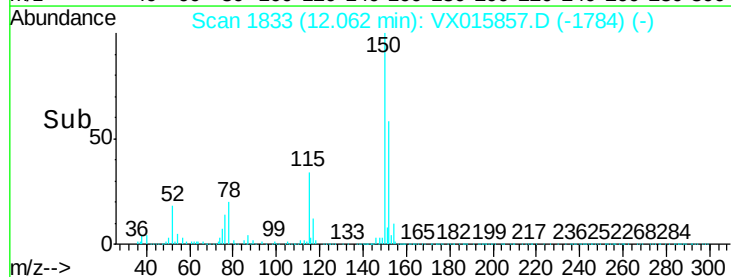
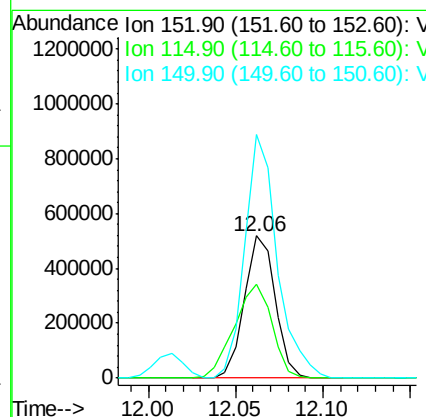
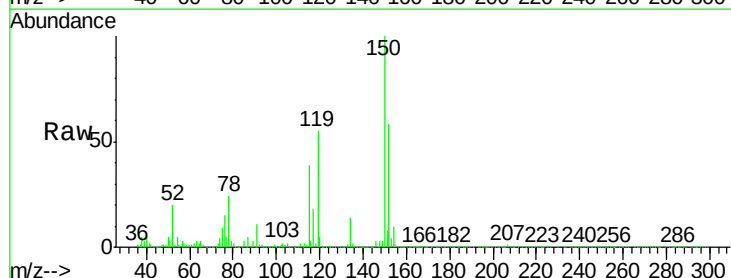
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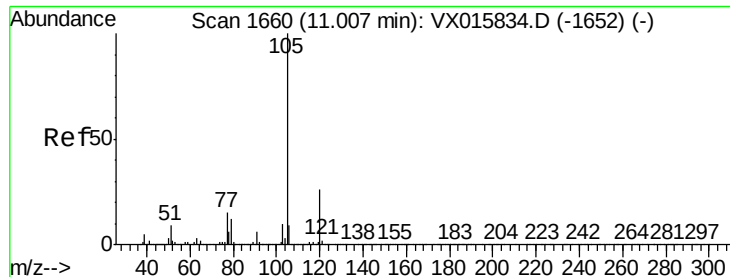
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.2	39.0	116.9
150	179.8	0.0	336.8





#73

Isopropylbenzene

Concen: 57.233 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2313431

Ion Ratio Lower Upper

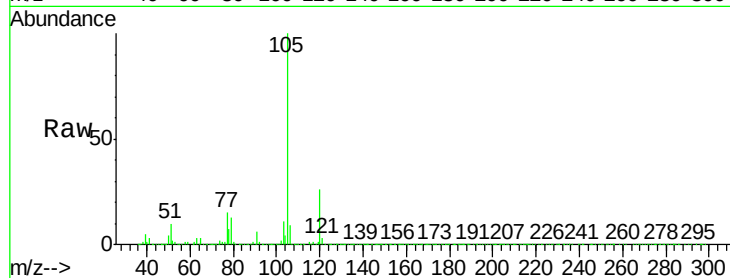
105 100

120 26.3 13.1 39.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

500000

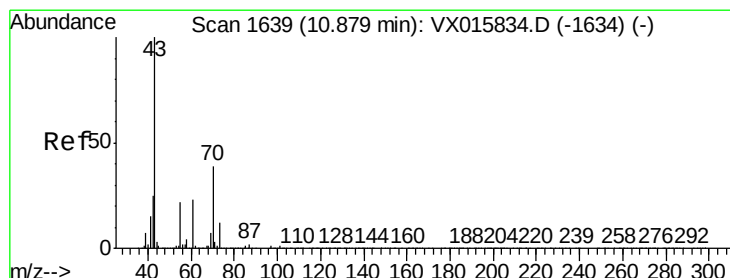
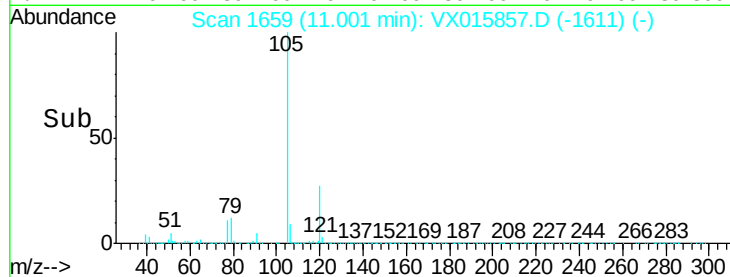
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 55.422 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion: 43 Resp: 1156508

Ion Ratio Lower Upper

43 100

70 40.9 32.6 49.0

55 23.0 18.3 27.5

61 23.6 18.7 28.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1500000

1000000

500000

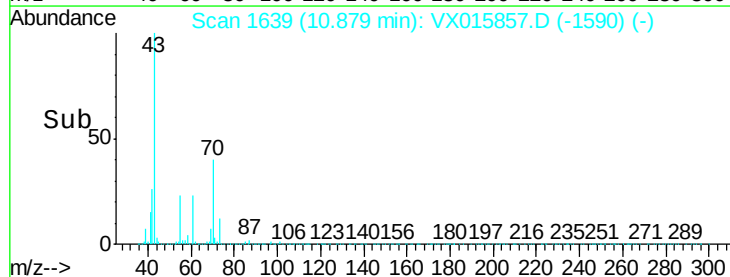
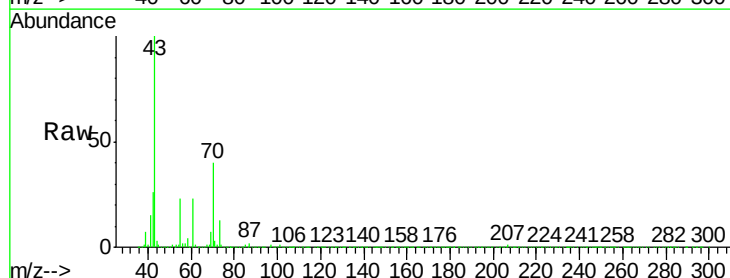
0

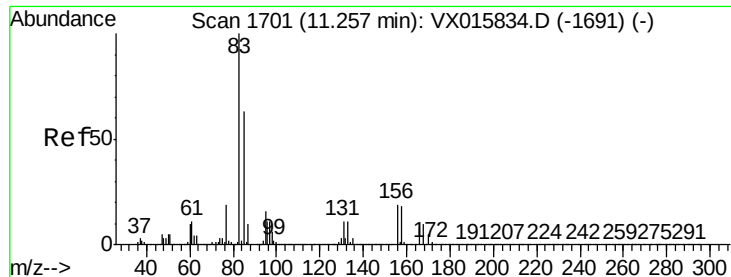
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.122 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 480098

Ion Ratio Lower Upper

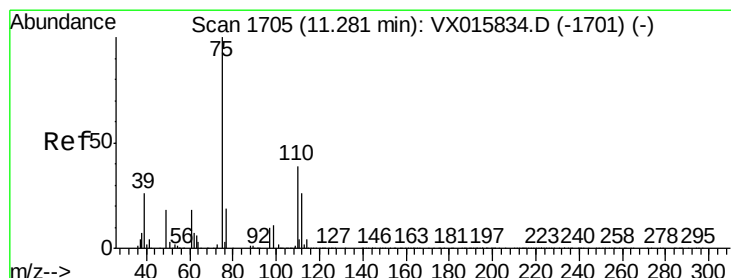
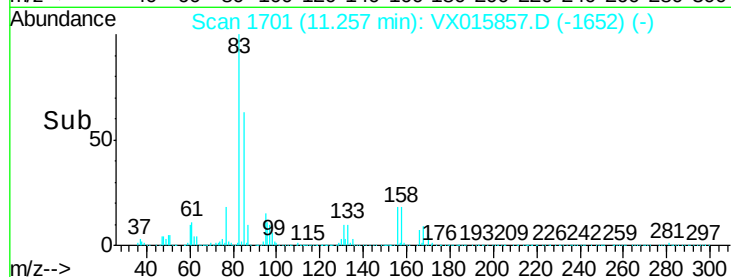
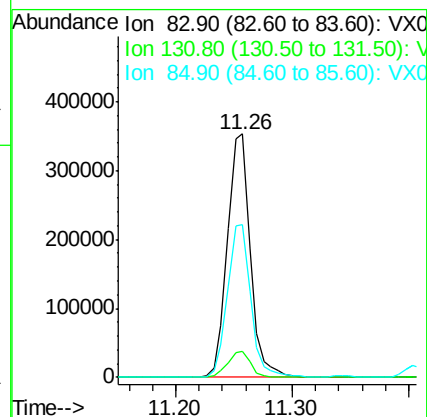
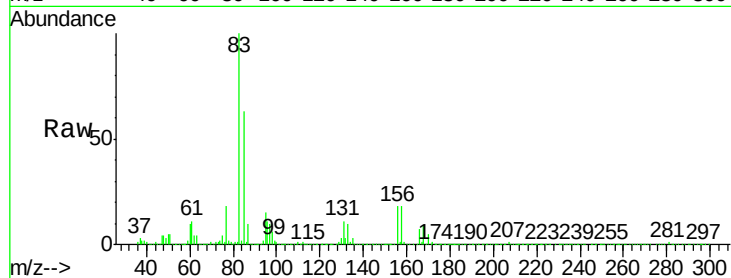
83 100

131 10.6 5.5 16.4

85 64.0 32.4 97.0

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#76

1,2,3-Trichloropropane

Concen: 55.305 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015857.D

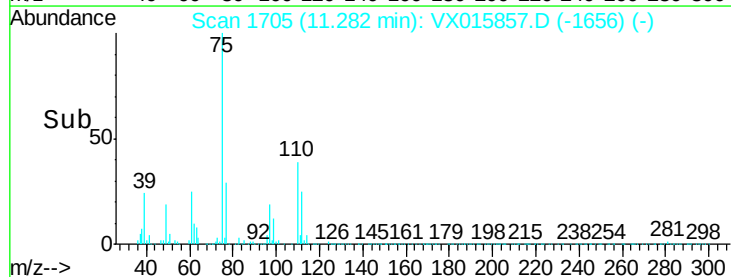
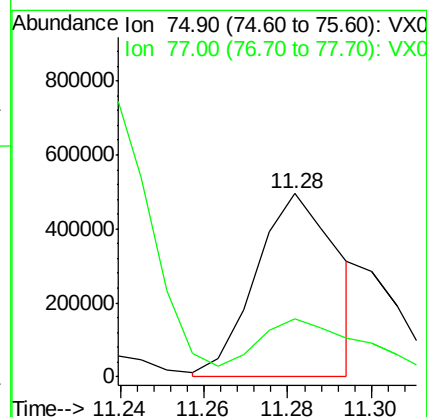
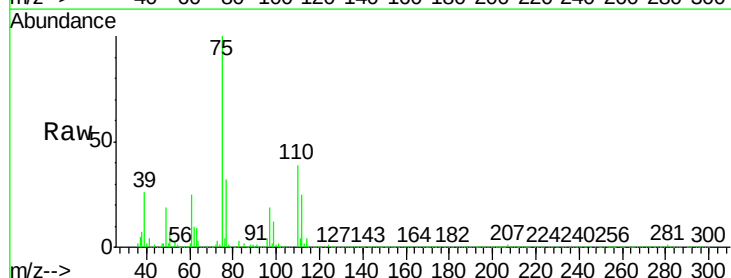
Acq: 22 Apr 2020 21:55

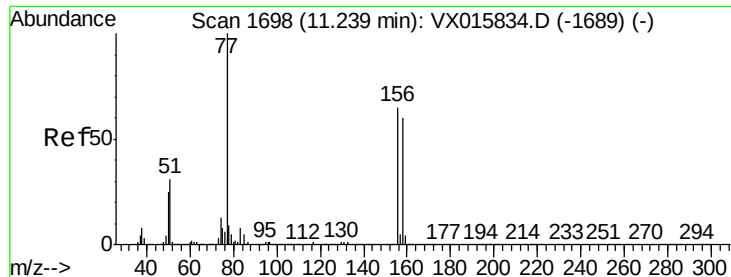
Tgt Ion: 75 Resp: 669343

Ion Ratio Lower Upper

75 100

77 41.5 21.3 63.9





#77

Bromobenzene

Concen: 57.368 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

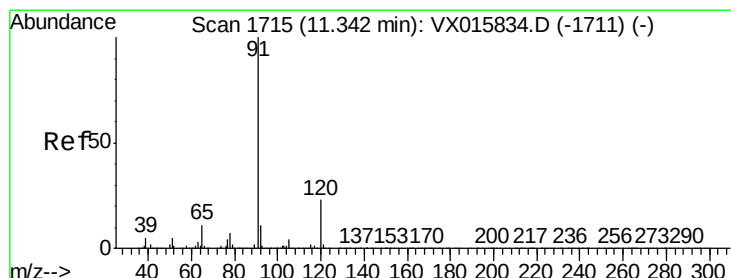
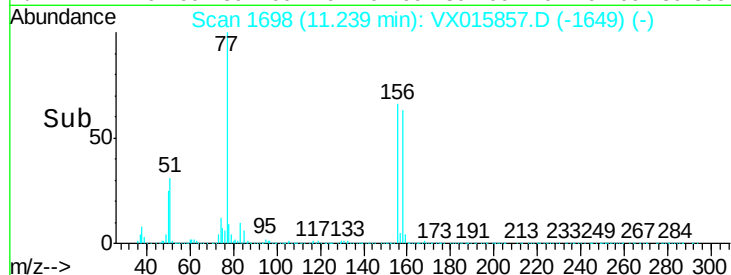
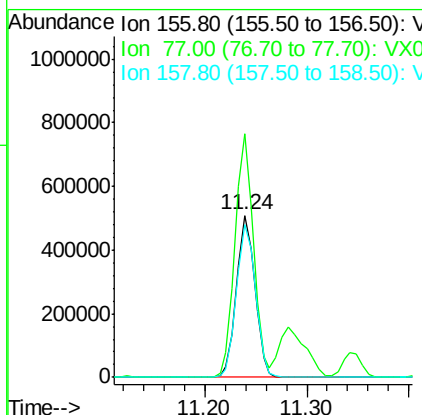
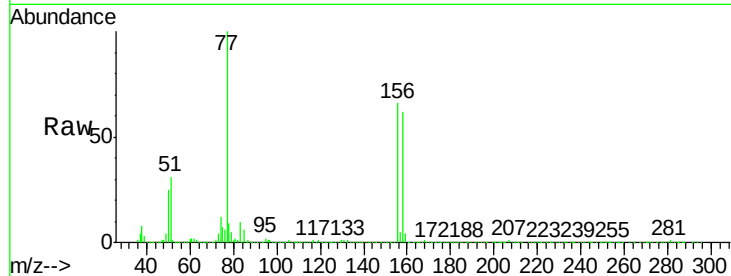
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	633597
Ion Ratio	Lower	Upper	
156	100		
77	149.8	75.2	225.6
158	96.7	47.9	143.6

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#78

n-propylbenzene

Concen: 56.293 ug/l

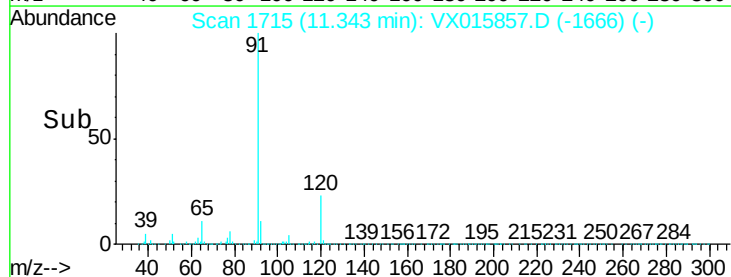
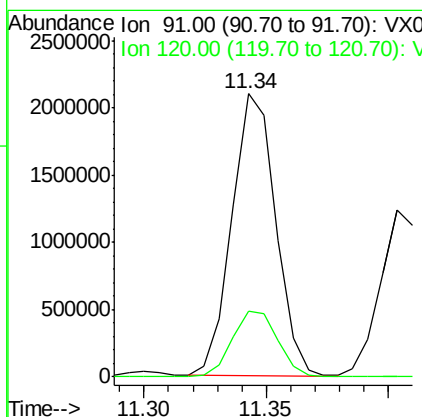
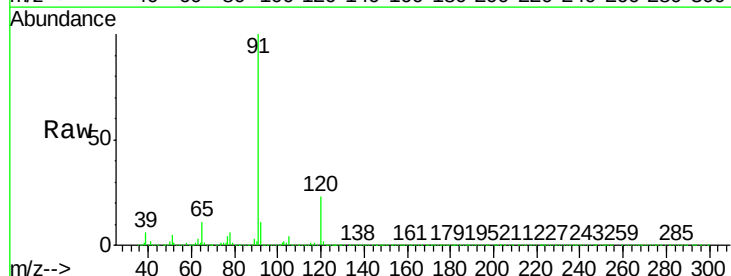
RT: 11.34 min Scan# 1715

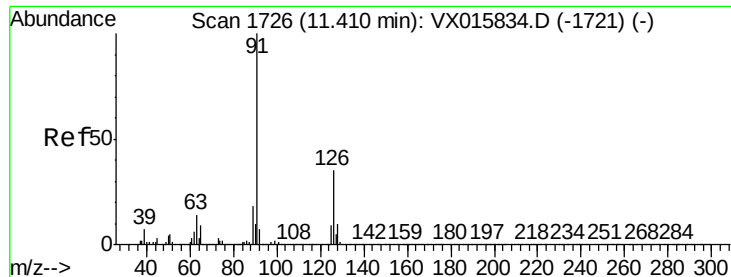
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	91	Resp:	2606625
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 56.633 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1575207

Ion Ratio Lower Upper

91 100

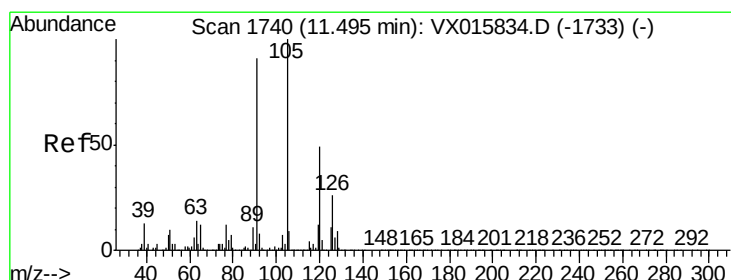
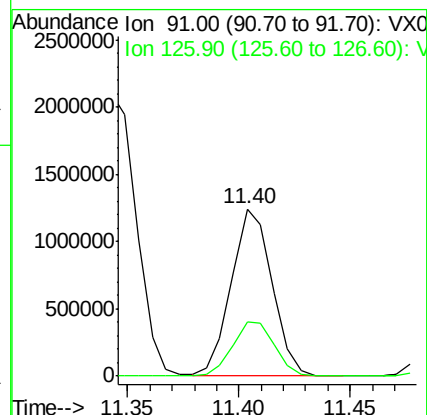
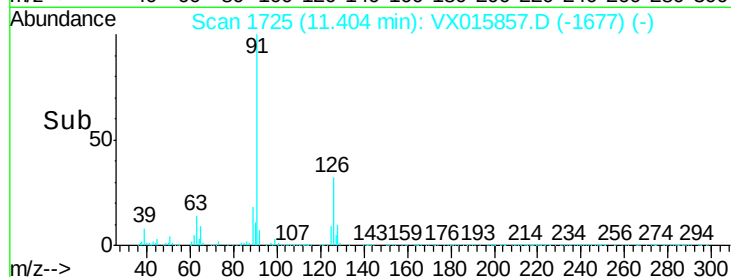
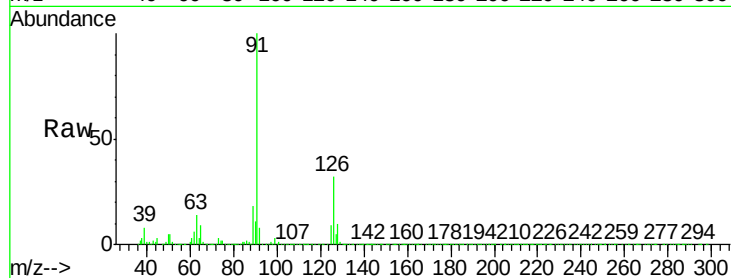
126 34.0 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 56.044 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015857.D

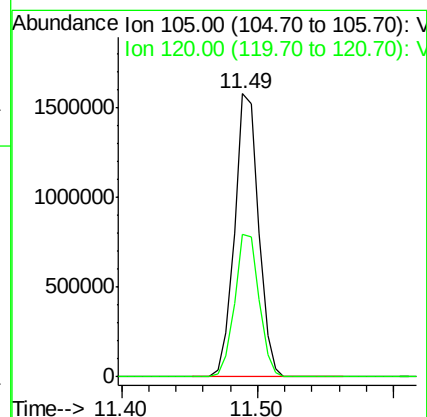
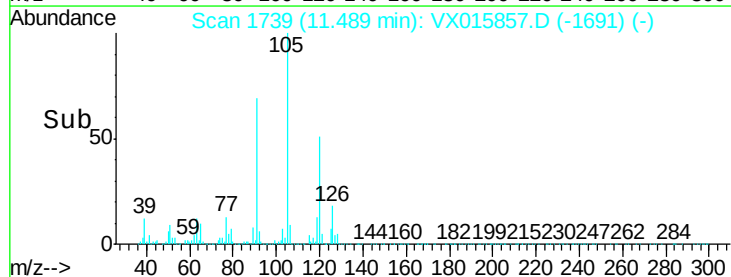
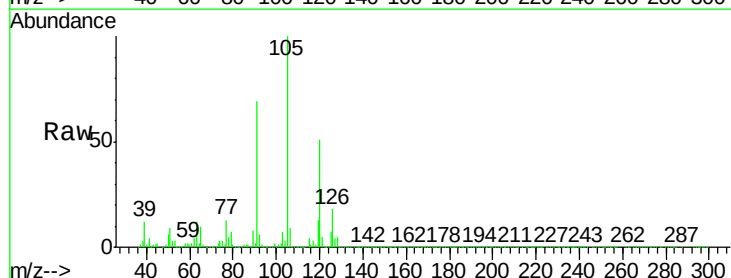
Acq: 22 Apr 2020 21:55

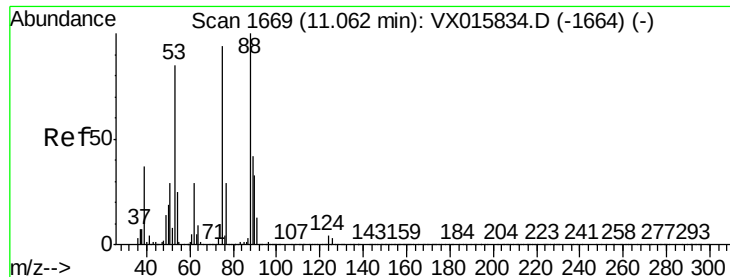
Tgt Ion: 105 Resp: 1931656

Ion Ratio Lower Upper

105 100

120 51.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 53.117 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

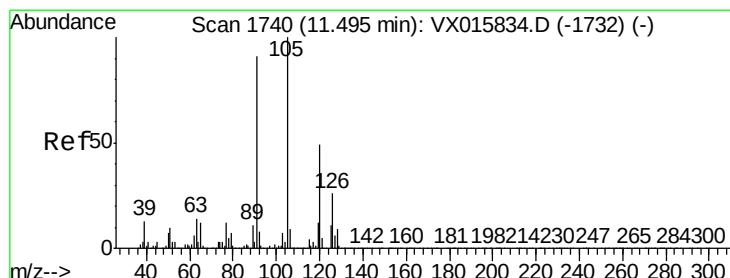
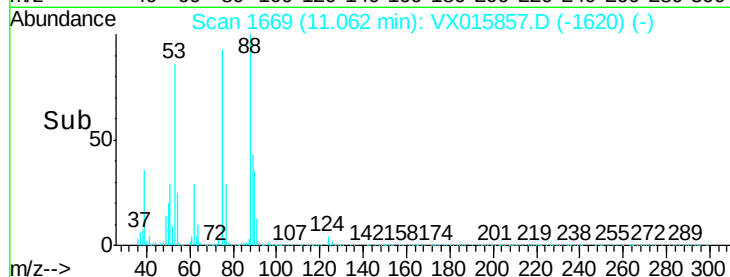
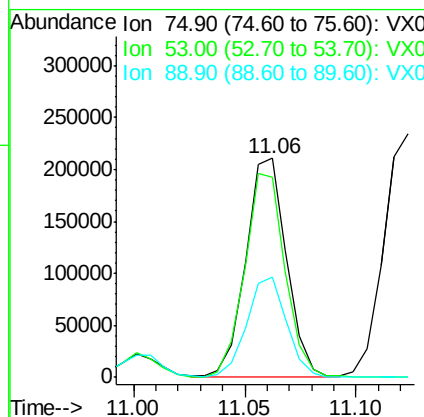
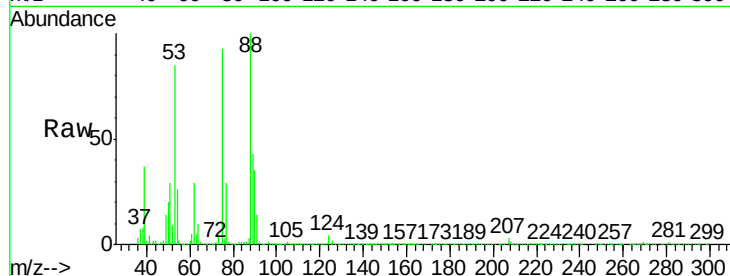
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	267241
Ion Ratio	Lower	Upper	
75	100		
53	92.6	74.2	111.2
89	45.2	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 56.348 ug/l

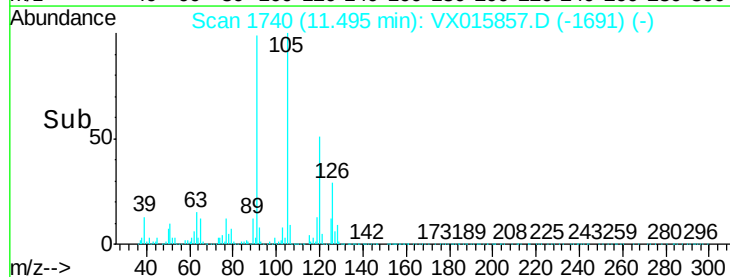
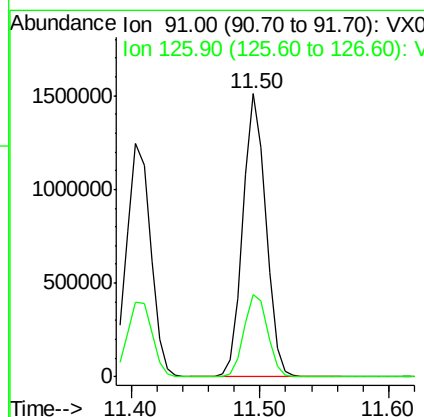
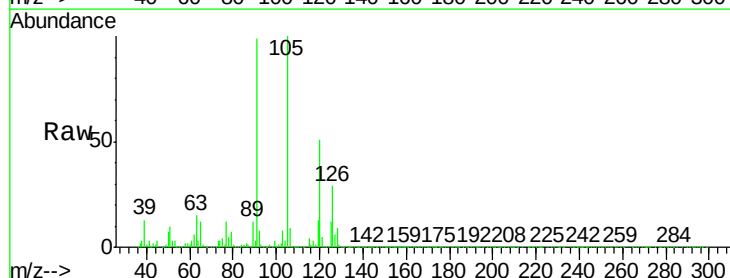
RT: 11.50 min Scan# 1740

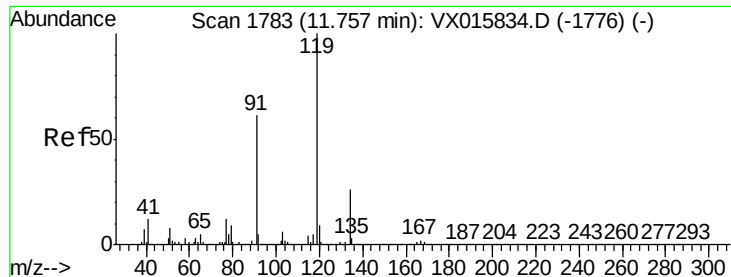
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	91	Resp:	1862425
Ion Ratio	Lower	Upper	
91	100		
126	30.0	15.0	45.0





#83

tert-Butylbenzene

Concen: 56.144 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

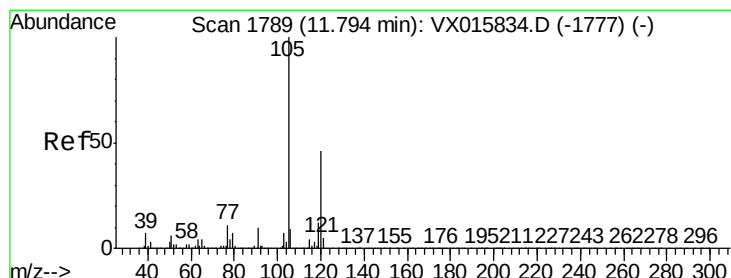
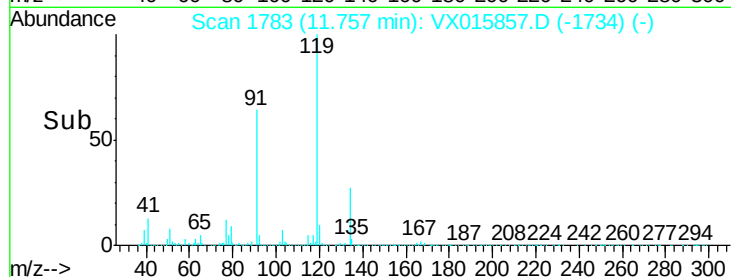
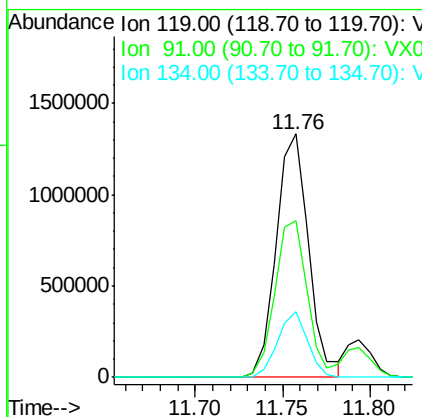
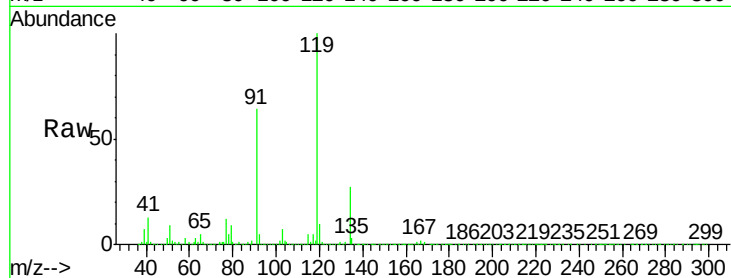
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1716511
Ion	Ratio	Lower	Upper
119	100		
91	64.0	30.9	92.7
134	25.0	12.4	37.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 55.557 ug/l

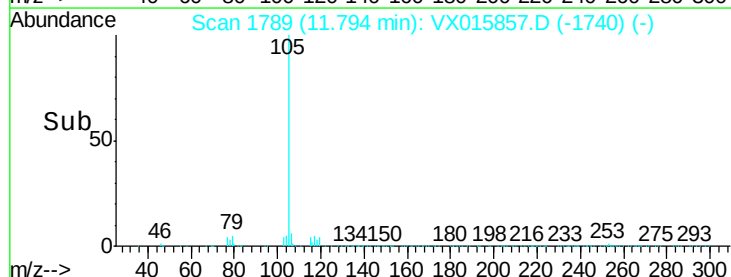
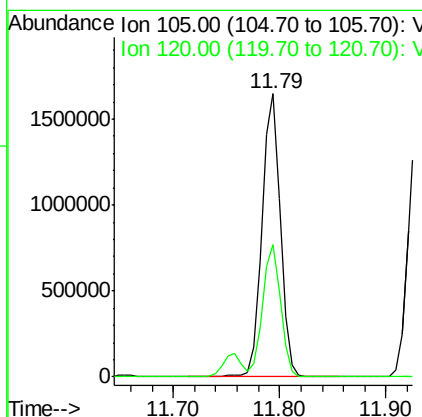
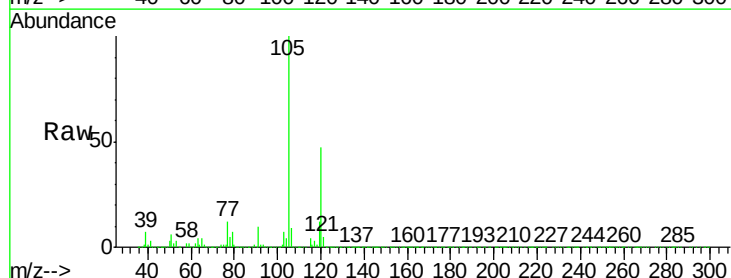
RT: 11.79 min Scan# 1789

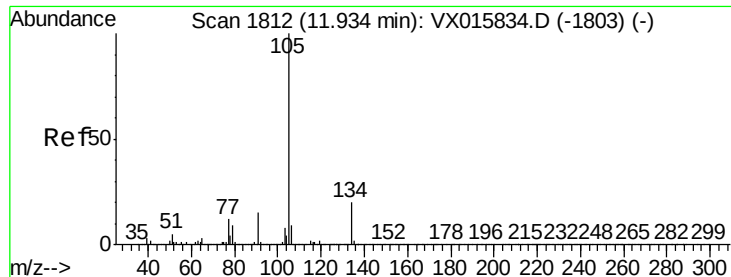
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	105	Resp:	1988006
Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.7





#85

sec-Butylbenzene

Concen: 55.738 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2246388

Ion Ratio Lower Upper

105 100

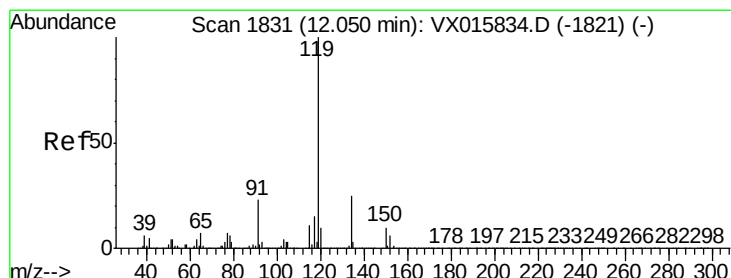
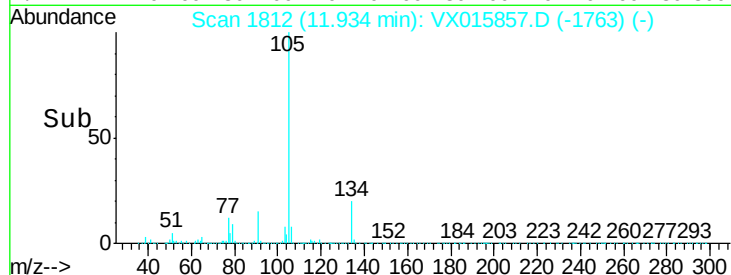
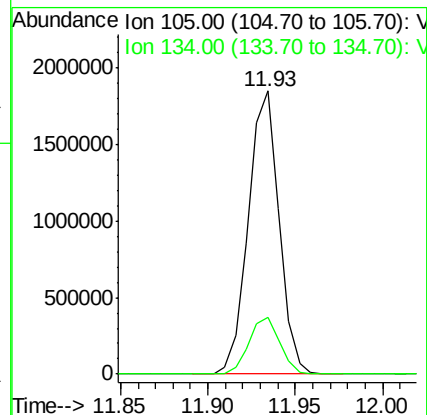
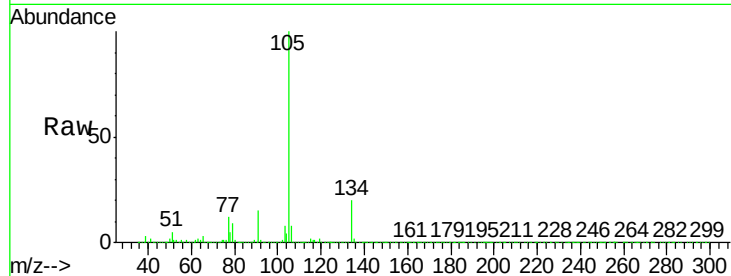
134 20.3 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.966 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

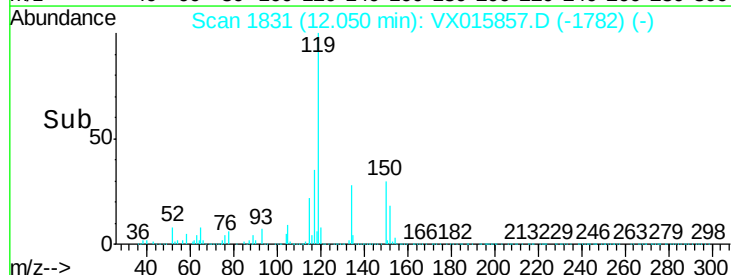
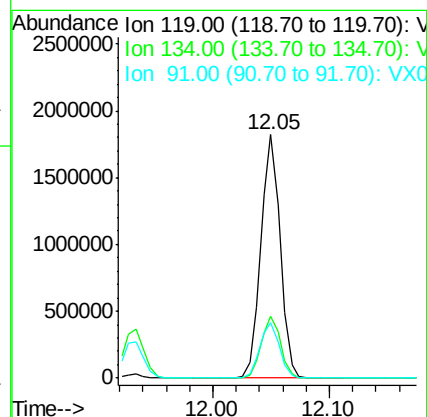
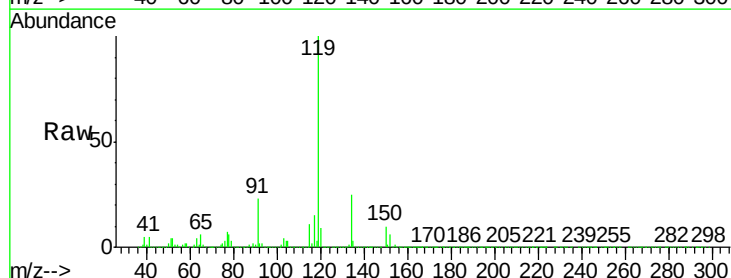
Tgt Ion:119 Resp: 2109127

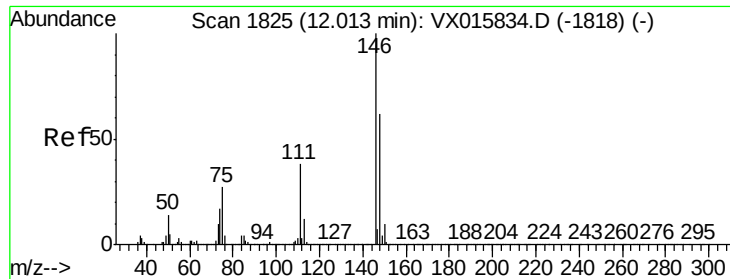
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 23.1 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 53.584 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:146 Resp: 1086346

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.1

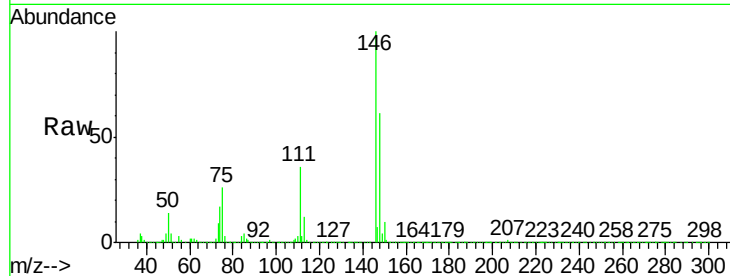
148 63.6 30.9 92.7

Manual Integrations

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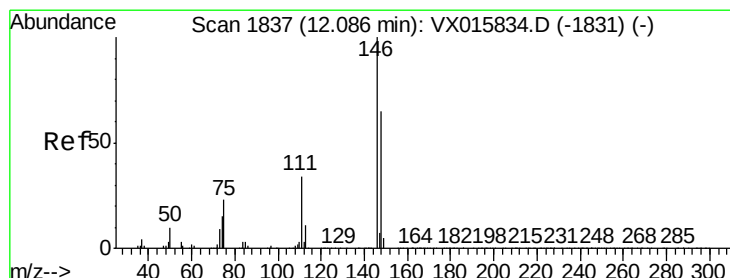
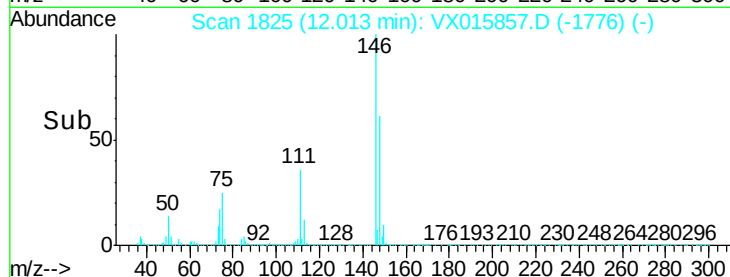
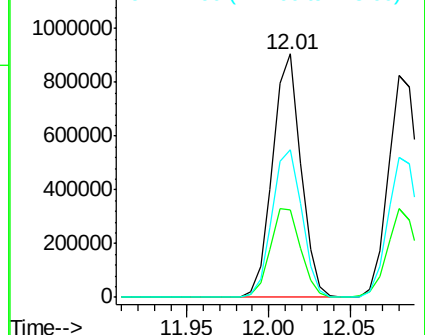
4/23/2020 12:16:20 PM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.337 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

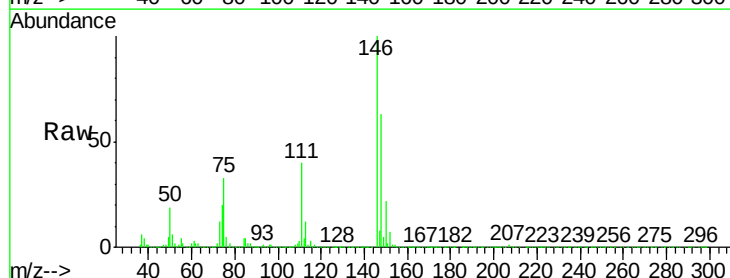
Tgt Ion:146 Resp: 1062164

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

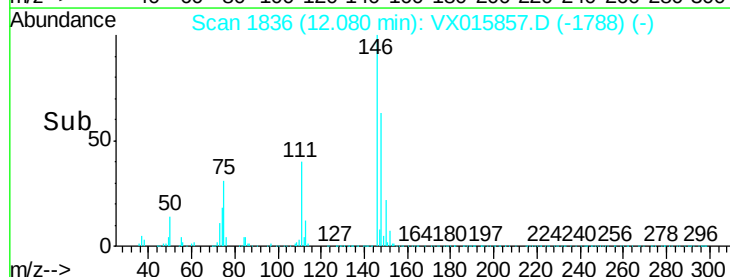
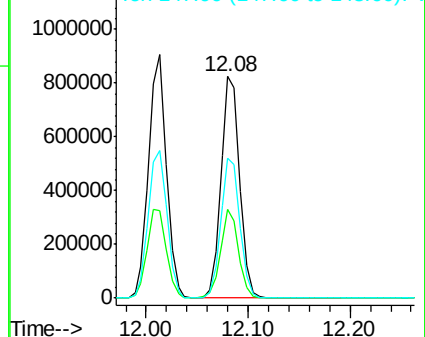
148 64.1 33.8 101.4

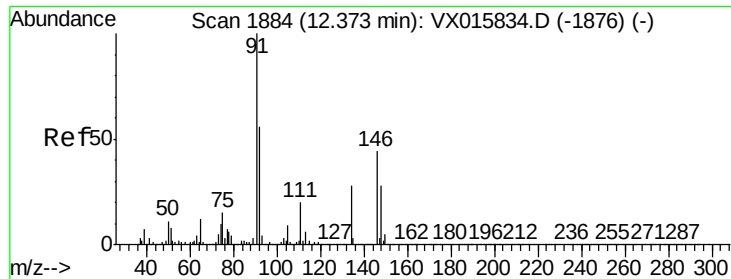


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.416 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

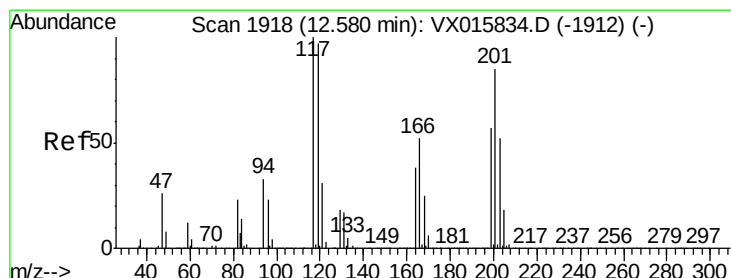
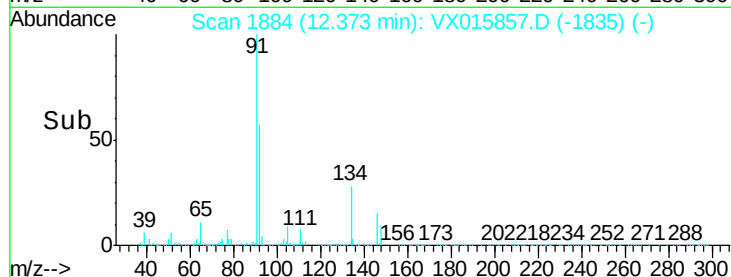
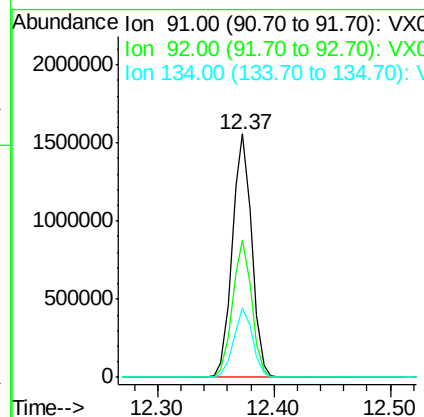
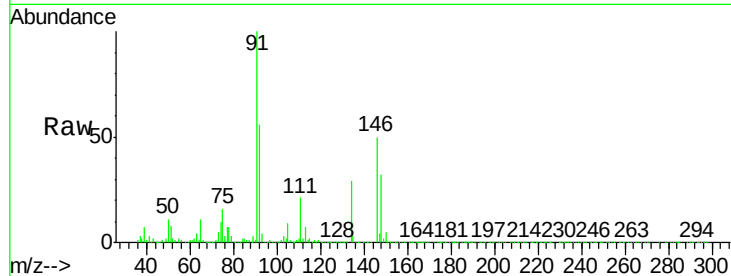
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	1799787
Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.7	83.1
134	27.7	14.1	42.4

Manual Integrations
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#90

Hexachloroethane

Concen: 72.271 ug/l

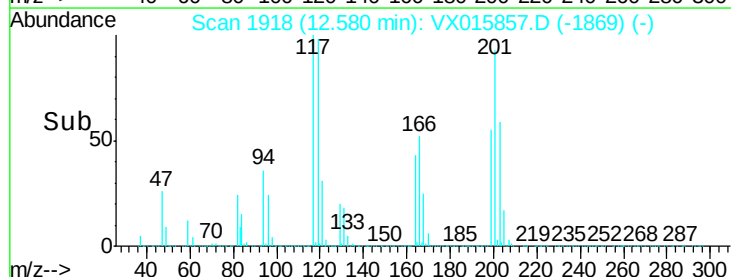
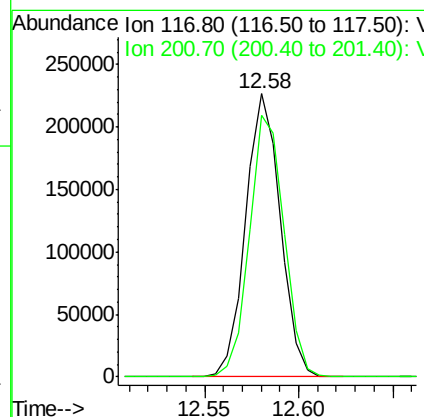
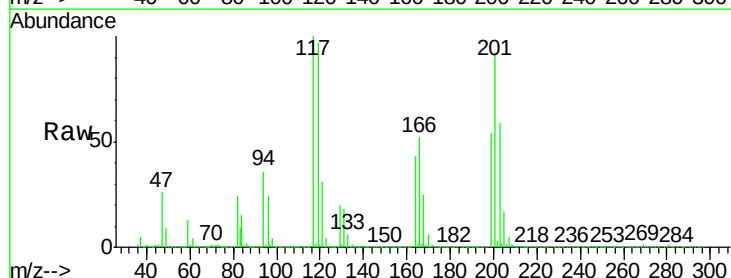
RT: 12.58 min Scan# 1918

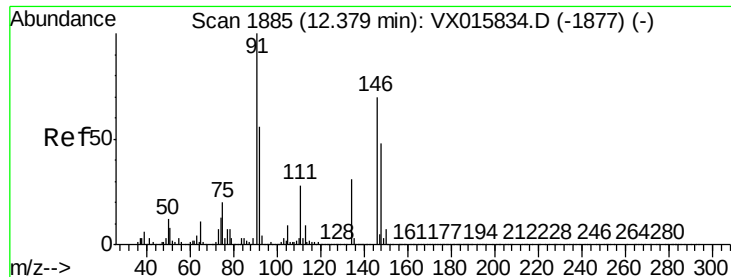
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	117	Resp:	287721
Ion	Ratio	Lower	Upper
117	100		
201	92.5	45.6	136.9





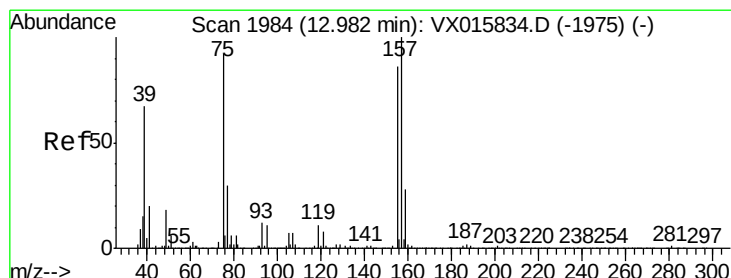
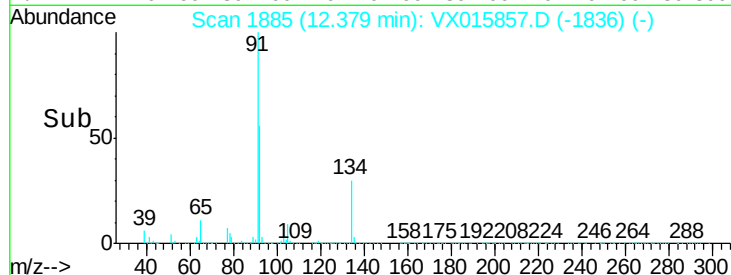
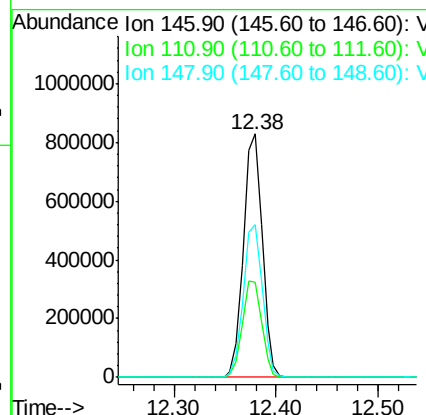
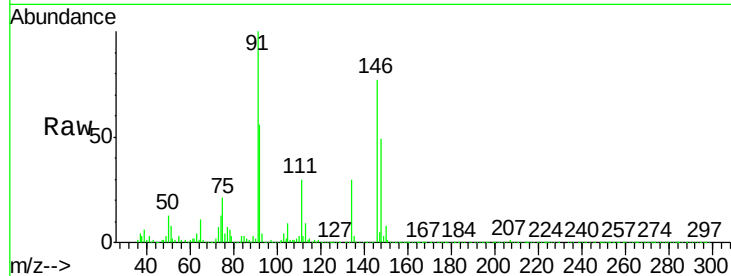
#91
 1,2-Dichlorobenzene
 Concen: 54.525 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	63.7	32.1	96.3

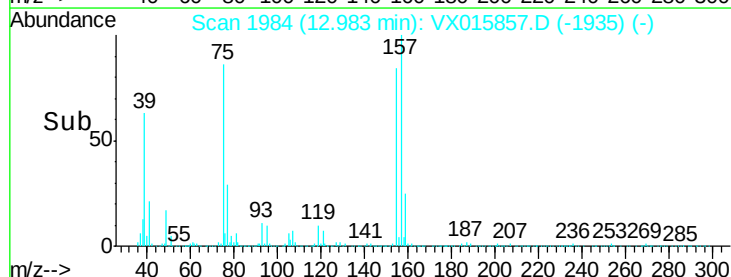
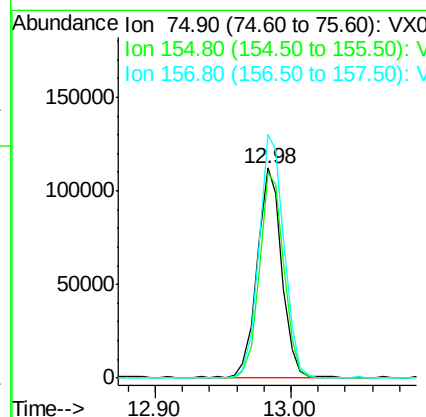
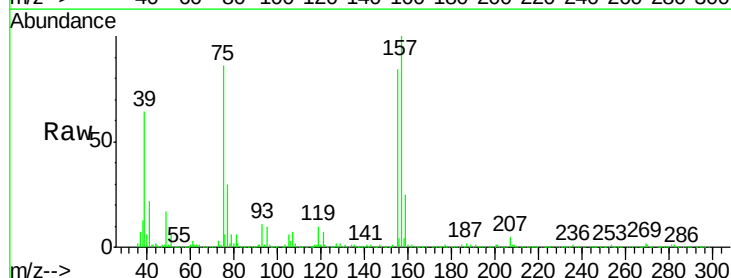
Manual Integrations
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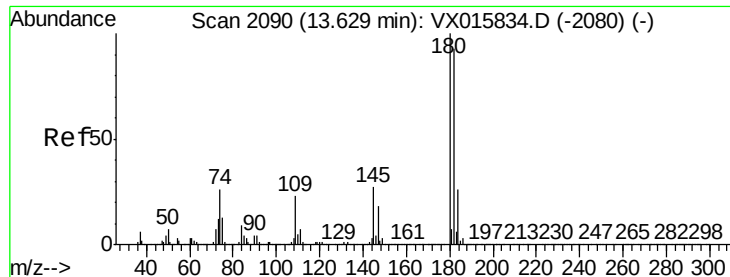
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.769 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	48.1	144.4
157	119.2	58.9	176.7





#93

1,2,4-Trichlorobenzene

Concen: 54.001 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

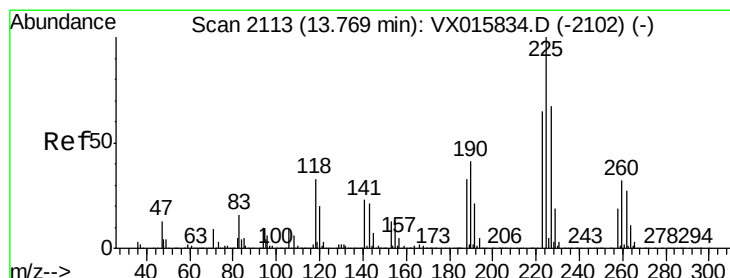
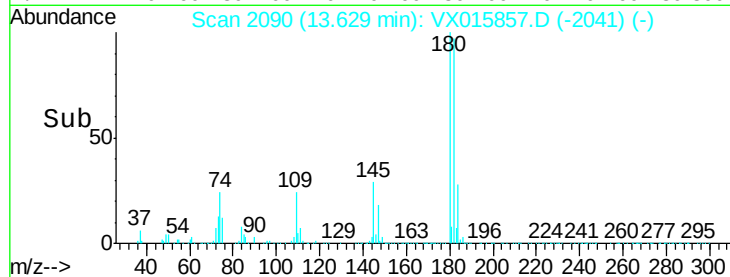
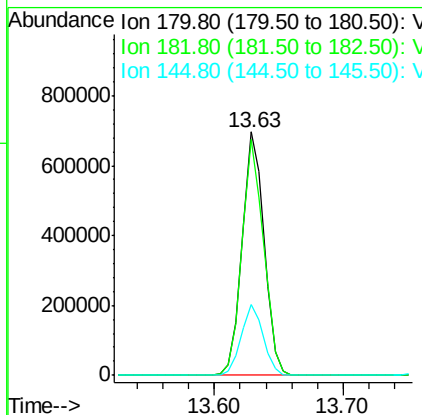
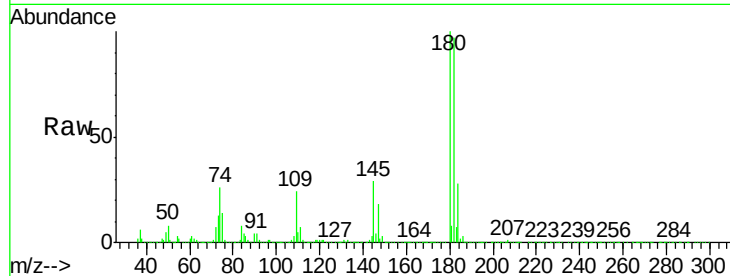
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	818143
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.7	143.1
145	29.2	14.5	43.5

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 52.907 ug/l

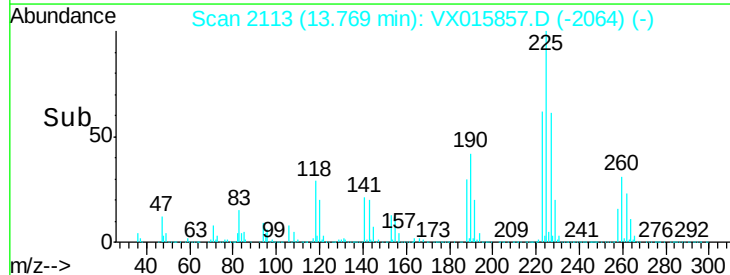
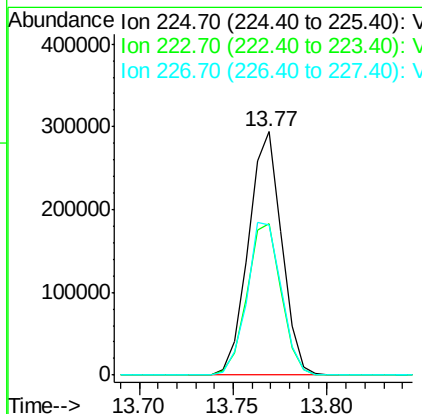
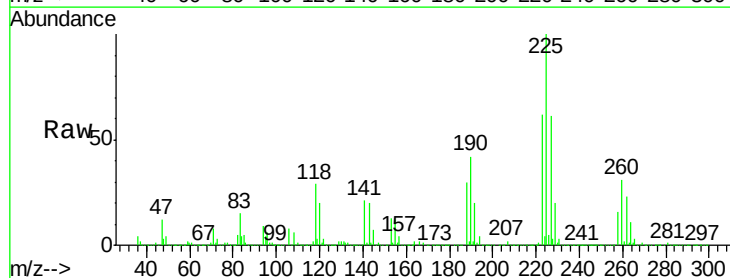
RT: 13.77 min Scan# 2113

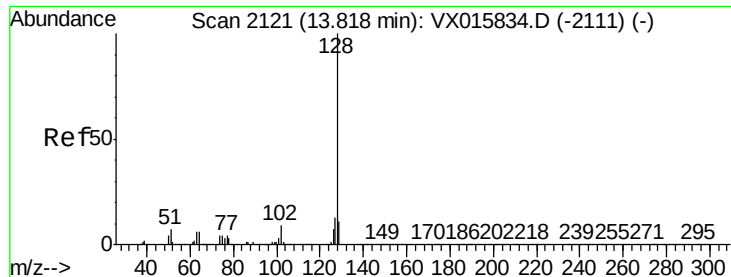
Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:	225	Resp:	359394
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.3	93.8
227	64.8	32.6	97.8





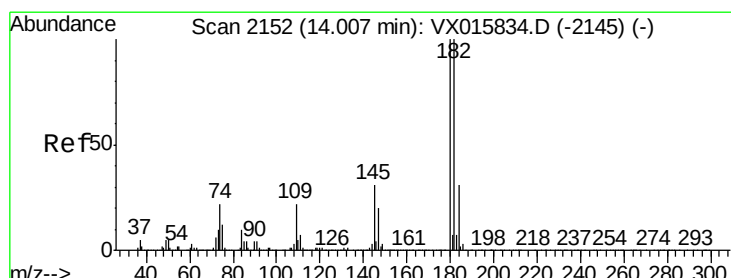
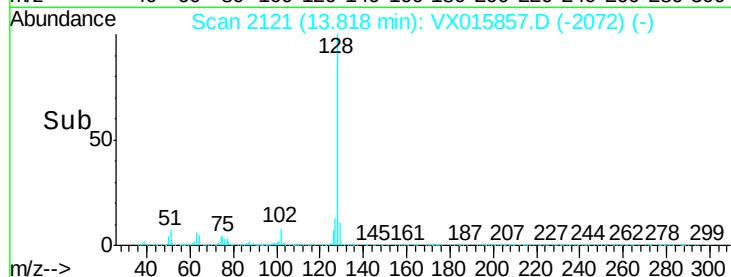
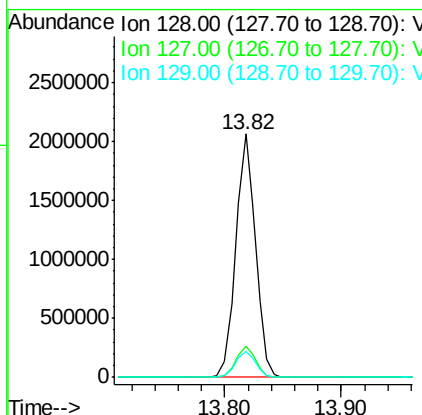
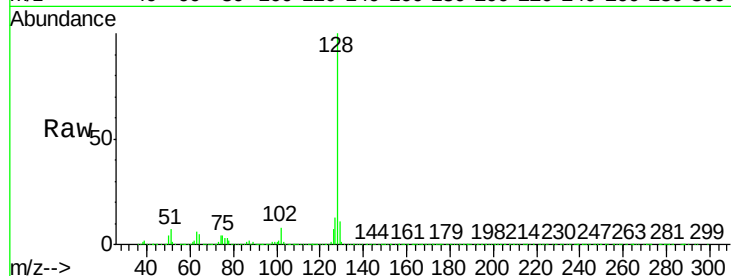
#95
Naphthalene
Concen: 55.686 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:16:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.416 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.9	143.7
145	30.3	15.2	45.5

