

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015757.D
 Acq On : 20 Apr 2020 11:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:12:29 PM

Quant Time: Apr 20 15:05:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1053592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1538902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1406342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	781608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	650856	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
35) Dibromofluoromethane	5.47	113	525037	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
50) Toluene-d8	8.70	98	1905649	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.12	95	767110	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	418403	45.075	ug/l	99
3) Chloromethane	1.31	50	444636	37.614	ug/l	97
4) Vinyl Chloride	1.39	62	530624	48.886	ug/l	97
5) Bromomethane	1.62	94	148495	25.757	ug/l	99
6) Chloroethane	1.70	64	372037	55.265	ug/l	99
7) Trichlorofluoromethane	1.91	101	777866	53.438	ug/l	95
8) Diethyl Ether	2.17	74	322564	52.537	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519482	54.743	ug/l	98
10) Methyl Iodide	2.49	142	354760	27.728	ug/l	96
11) Tert butyl alcohol	3.01	59	727934	204.662	ug/l	99
12) 1,1-Dichloroethene	2.35	96	505593	50.829	ug/l	98
13) Acrolein	2.27	56	548140	270.540	ug/l	100
14) Allyl chloride	2.70	41	1112660	47.873	ug/l	98
15) Acrylonitrile	3.11	53	1685650	248.511	ug/l	99
16) Acetone	2.42	43	1858329	291.087	ug/l	97
17) Carbon Disulfide	2.55	76	1498377	49.380	ug/l	99
18) Methyl Acetate	2.75	43	827880	50.809	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1941269	50.320	ug/l	99
20) Methylene Chloride	2.83	84	586913	49.219	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	555650	50.334	ug/l	99
22) Diisopropyl ether	3.82	45	2103550	51.076	ug/l	98
23) Vinyl Acetate	3.78	43	9152862	245.458	ug/l	98
24) 1,1-Dichloroethane	3.67	63	1071426	49.410	ug/l	98
25) 2-Butanone	4.63	43	2552608	248.623	ug/l	100
26) 2,2-Dichloropropane	4.55	77	977221	54.904	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	661809	51.818	ug/l	98
28) Bromochloromethane	4.98	49	458171	44.254	ug/l	94
29) Tetrahydrofuran	5.09	42	1555799	235.714	ug/l	99
30) Chloroform	5.17	83	1062405	50.925	ug/l	99
31) Cyclohexane	5.54	56	955770	50.809	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	961640	50.933	ug/l	98
36) 1,1-Dichloropropene	5.76	75	794913	56.062	ug/l	99
37) Ethyl Acetate	4.79	43	951780	51.552	ug/l	100
38) Carbon Tetrachloride	5.75	117	838606	54.605	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	955427	58.440	ug/l	97
40) Benzene	6.11	78	2351990	56.627	ug/l	97
41) Methacrylonitrile	5.00	41	550173	53.682	ug/l	97
42) 1,2-Dichloroethane	6.16	62	875008	52.447	ug/l	98
43) Isopropyl Acetate	6.41	43	1636167	52.498	ug/l	98
44) Trichloroethene	7.18	130	656741	57.977	ug/l	93
45) 1,2-Dichloropropane	7.49	63	635909	55.966	ug/l	97
46) Dibromomethane	7.64	93	409186	54.899	ug/l	95
47) Bromodichloromethane	7.87	83	880586	55.446	ug/l	98
48) Methyl methacrylate	7.75	41	819427	52.638	ug/l	95
49) 1,4-Dioxane	7.71	88	291229	1002.828	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4798624	271.681	ug/l	99
52) Toluene	8.76	92	1489059	58.150	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1022193	54.879	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1073611	56.583	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	606304	57.790	ug/l	99
56) Ethyl methacrylate	9.16	69	1040143	56.255	ug/l	95
57) 1,3-Dichloropropane	9.35	76	1046582	55.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1985167	220.732	ug/l	100
59) 2-Hexanone	9.47	43	3674116	275.525	ug/l	97
60) Dibromochloromethane	9.56	129	718990	57.032	ug/l	99
61) 1,2-Dibromoethane	9.65	107	643945	56.448	ug/l	99
64) Tetrachloroethene	9.32	164	606796	57.173	ug/l	96
65) Chlorobenzene	10.12	112	1641534	58.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	649827	57.995	ug/l	97
67) Ethyl Benzene	10.23	91	2916854	58.638	ug/l	99
68) m/p-Xylenes	10.34	106	2213260	119.488	ug/l	96
69) o-Xylene	10.68	106	1088571	59.473	ug/l	98
70) Styrene	10.70	104	1910583	59.320	ug/l	98
71) Bromoform	10.84	173	568144	55.699	ug/l	97
73) Isopropylbenzene	11.00	105	2905888	56.742	ug/l	100
74) N-amyl acetate	10.88	43	1445423	50.746	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	954623	54.323	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	858157m	53.391	ug/l	
77) Bromobenzene	11.24	156	770253	56.386	ug/l	95
78) n-propylbenzene	11.34	91	3321167	56.714	ug/l	99
79) 2-Chlorotoluene	11.40	91	1987222	55.365	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2490422	56.941	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	308939	46.120	ug/l	97
82) 4-Chlorotoluene	11.50	91	2330010	55.374	ug/l	99
83) tert-Butylbenzene	11.76	119	2509583	58.742	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2522089	56.587	ug/l	99
85) sec-Butylbenzene	11.93	105	2890662	58.504	ug/l	100
86) p-Isopropyltoluene	12.05	119	2746885	59.885	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	1431187	58.524	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1391576	55.865	ug/l	99
89) n-Butylbenzene	12.37	91	2434937	58.743	ug/l	98
90) Hexachloroethane	12.58	117	473979	53.090	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1425220	59.552	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	221155	44.589	ug/l	85

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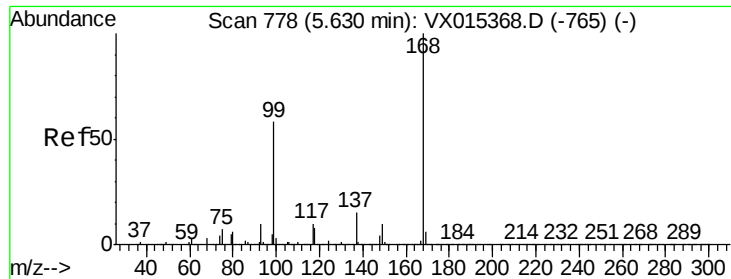
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1138150	60.123	ug/l	97
94) Hexachlorobutadiene	13.76	225	519149	57.601	ug/l	96
95) Naphthalene	13.82	128	3243990	56.179	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1121240	61.519	ug/l	99

(#) = 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. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1053592

Ion Ratio Lower Upper

168 100

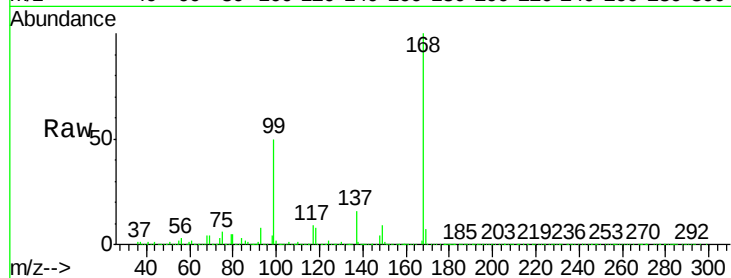
99 50.0 46.4 69.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

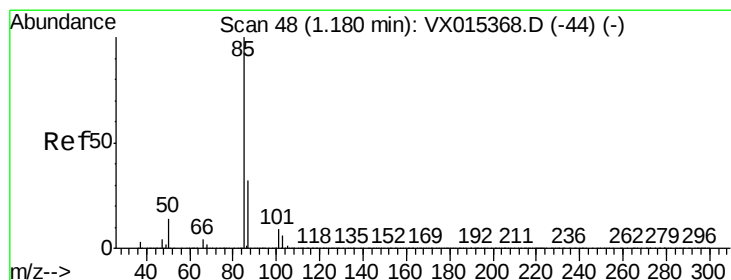
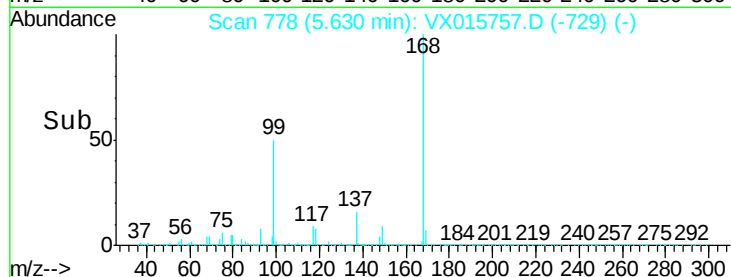
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.075 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015757.D

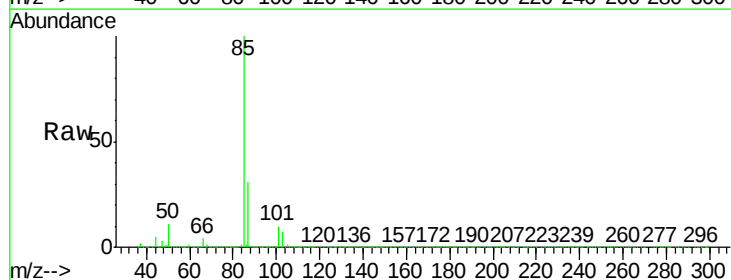
Acq: 20 Apr 2020 11:05

Tgt Ion: 85 Resp: 418403

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

300000

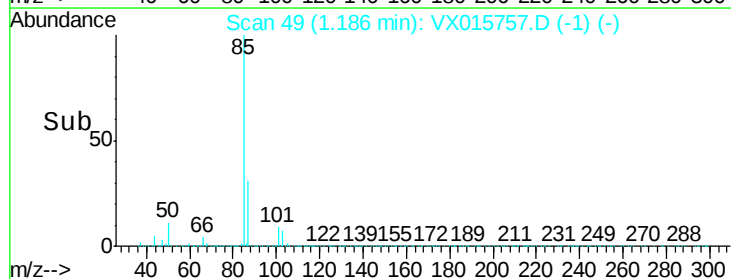
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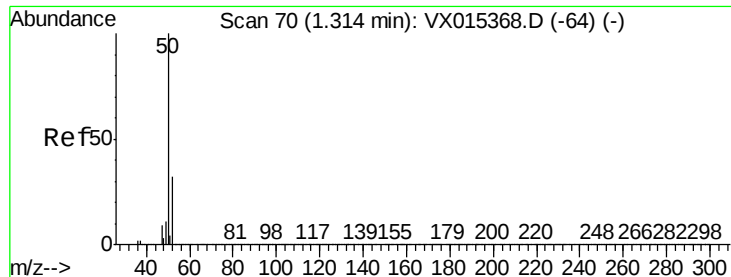
100000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 37.614 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 444636

Ion Ratio Lower Upper

50 100

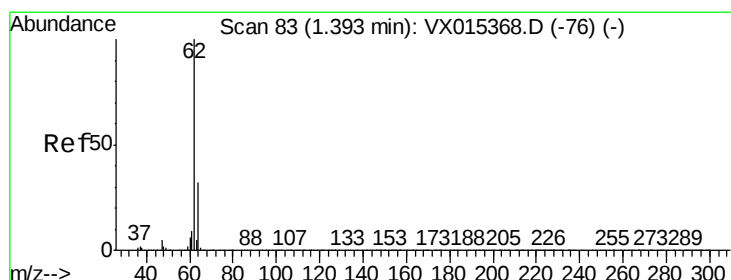
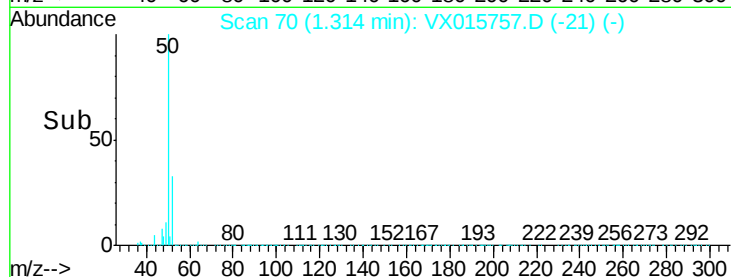
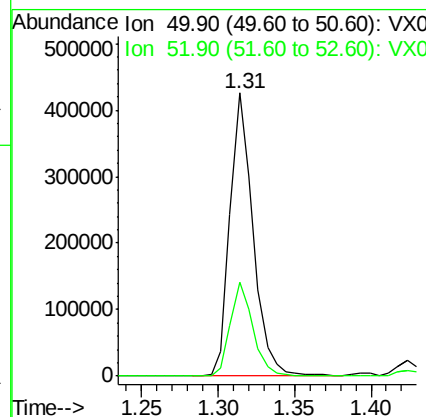
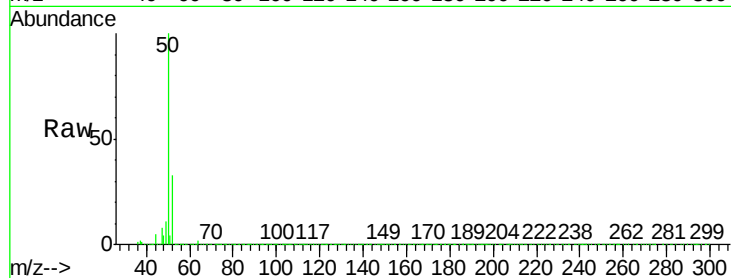
52 33.1 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.886 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015757.D

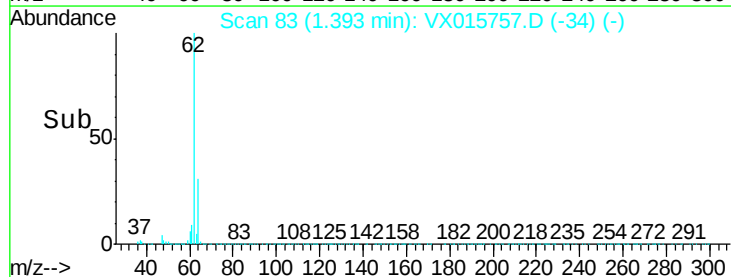
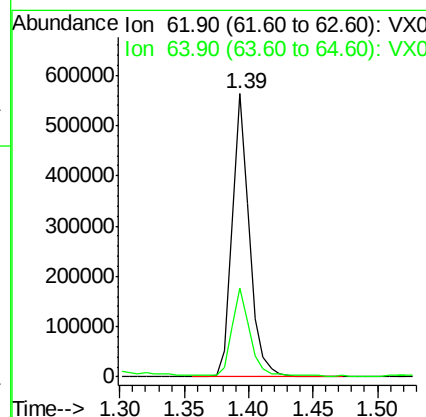
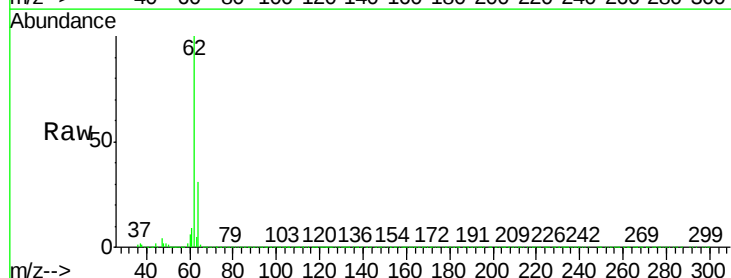
Acq: 20 Apr 2020 11:05

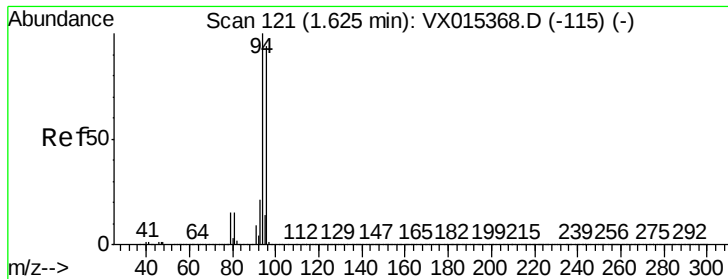
Tgt Ion: 62 Resp: 530624

Ion Ratio Lower Upper

62 100

64 31.0 26.0 39.0





#5

Bromomethane

Concen: 25.757 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 148495

Ion Ratio Lower Upper

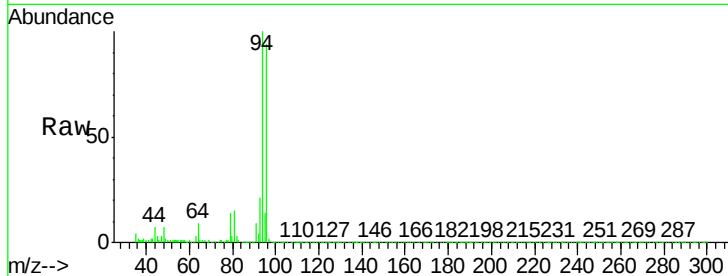
94 100

96 94.6 74.8 112.2

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

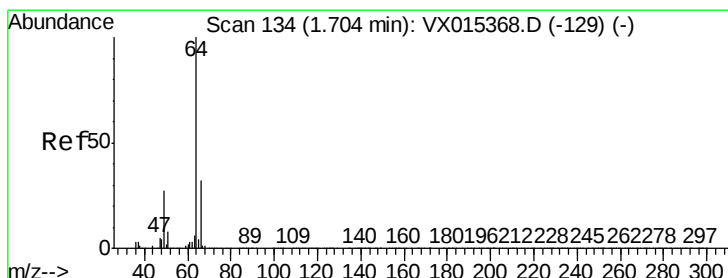
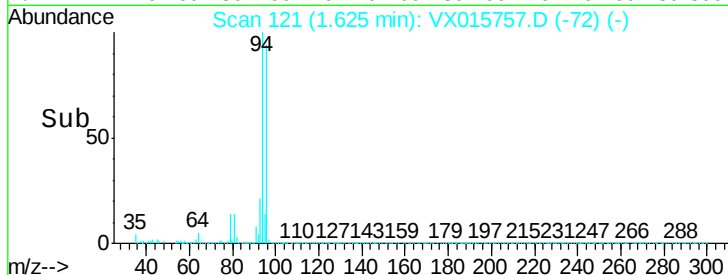
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 55.265 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015757.D

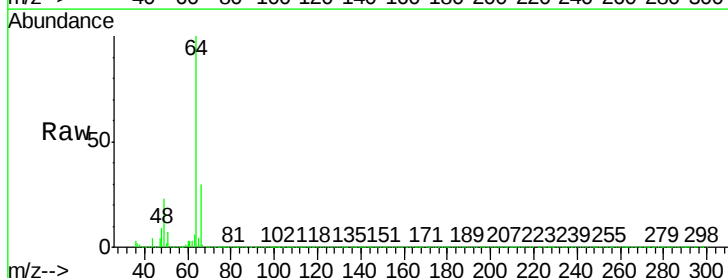
Acq: 20 Apr 2020 11:05

Tgt Ion: 64 Resp: 372037

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

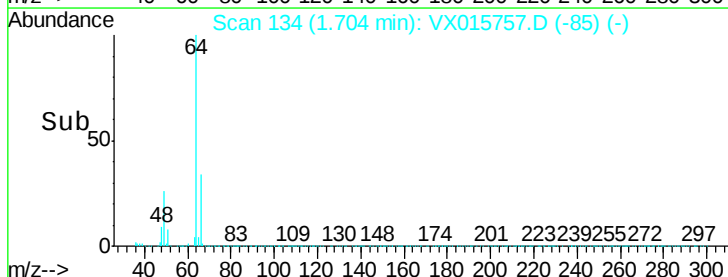
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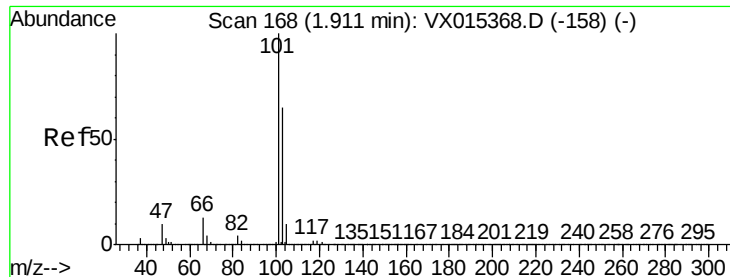
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Time-->





#7

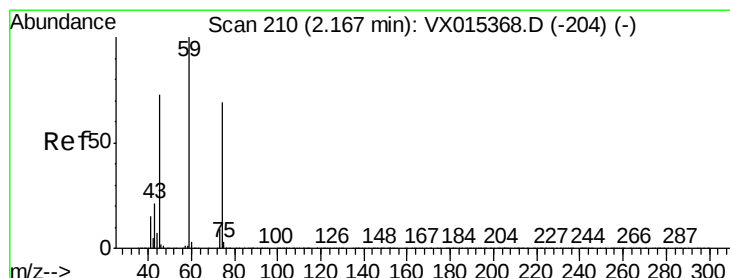
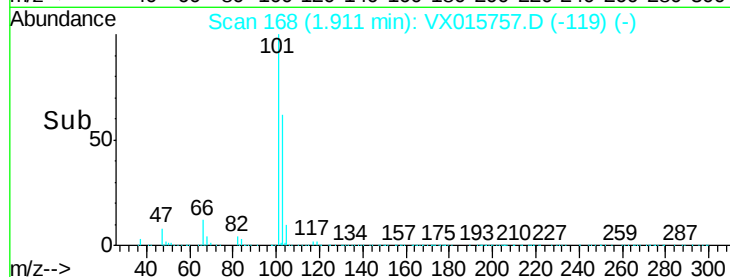
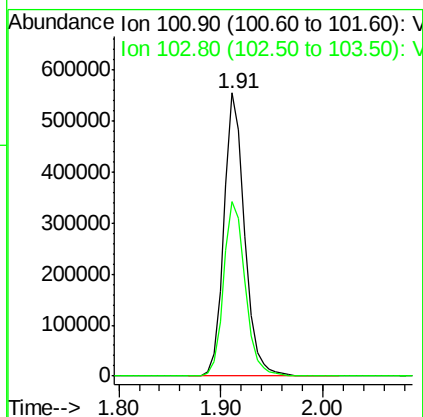
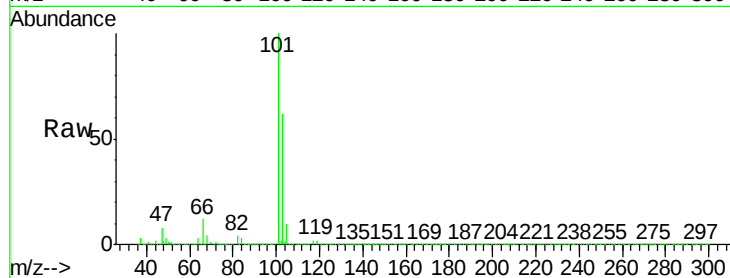
Trichlorofluoromethane
 Concen: 53.438 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX015757.D
 Acq: 20 Apr 2020 11:05

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	52.3	78.5

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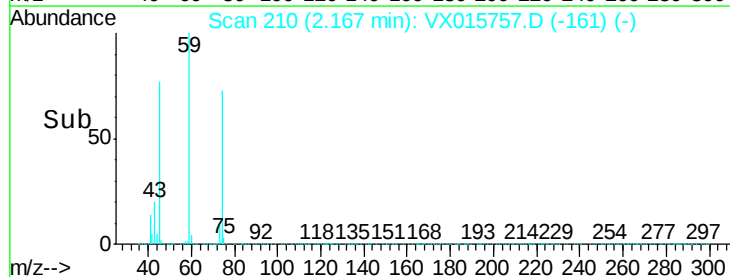
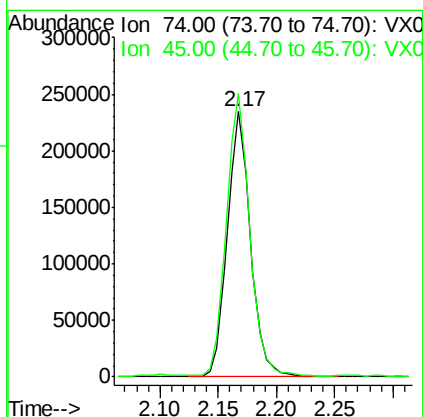
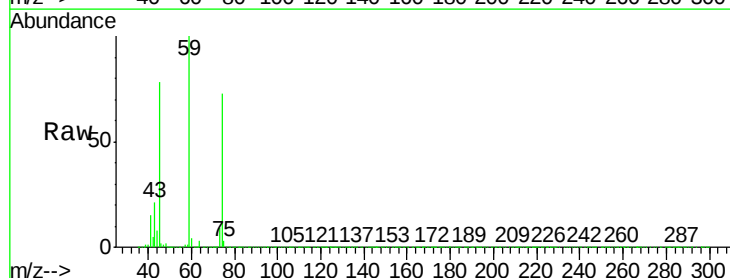
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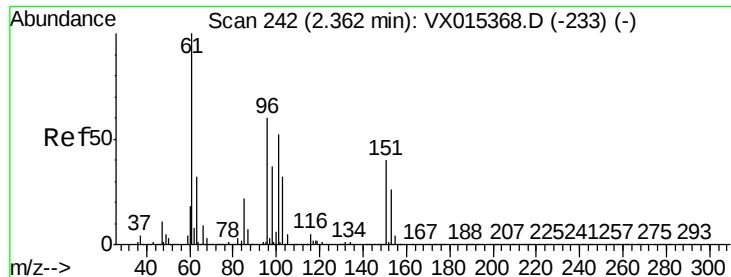


#8

Diethyl Ether
 Concen: 52.537 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015757.D
 Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.4	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.743 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

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MSVOA_X

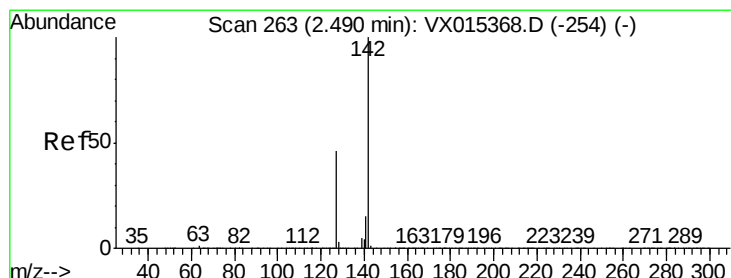
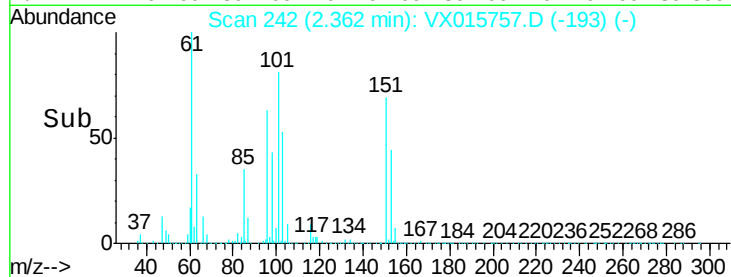
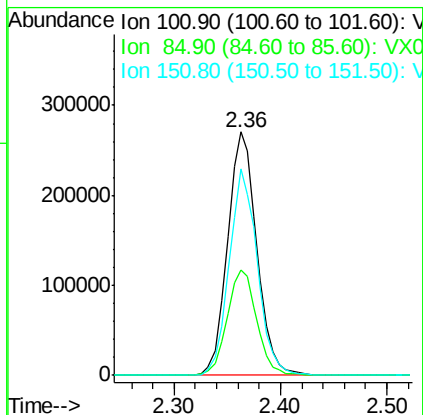
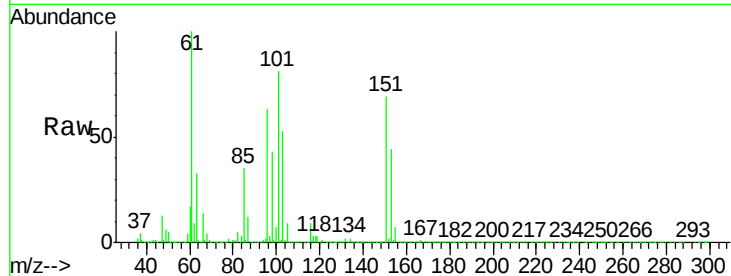
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	519482
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.0	52.4
151	82.1	64.1	96.1

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#10

Methyl Iodide

Concen: 27.728 ug/l

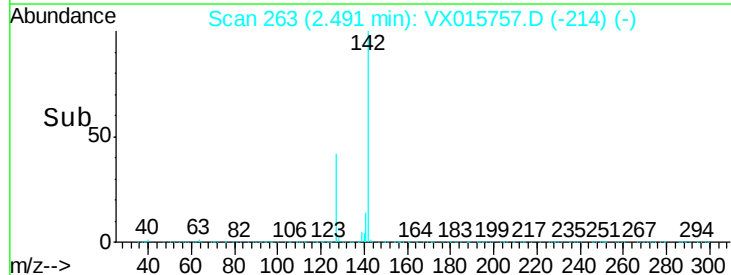
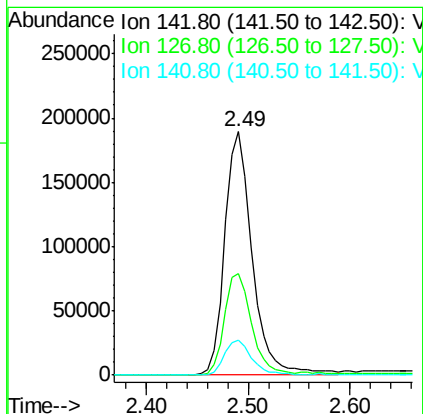
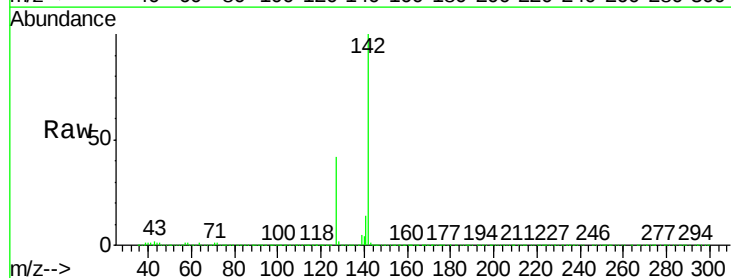
RT: 2.49 min Scan# 263

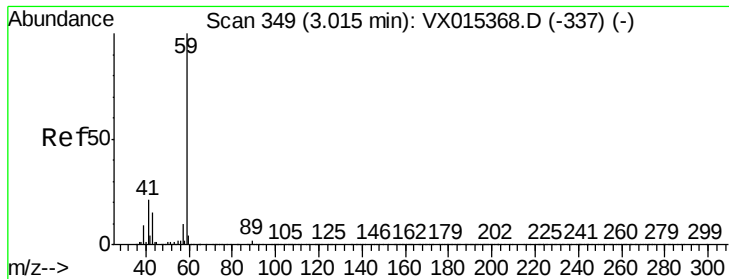
Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion:	142	Resp:	354760
Ion Ratio	Lower	Upper	
142	100		
127	41.6	35.9	53.9
141	14.4	11.6	17.4





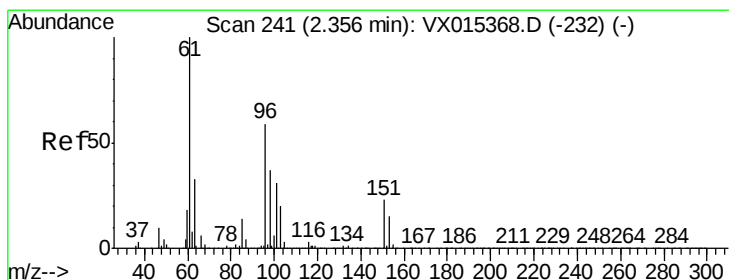
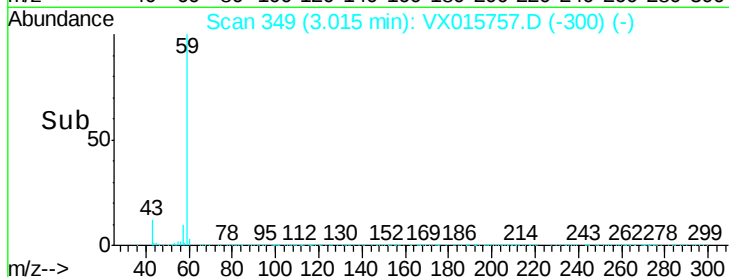
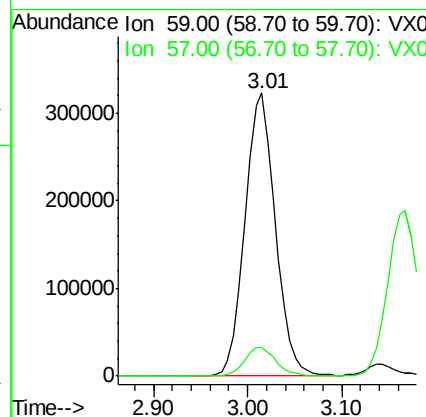
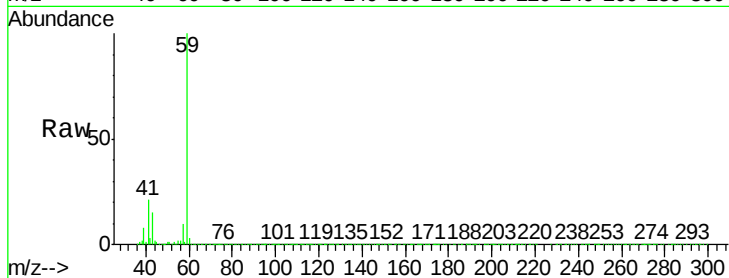
#11
Tert butyl alcohol
Concen: 204.662 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

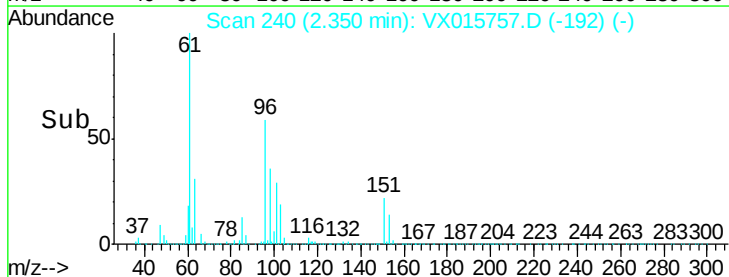
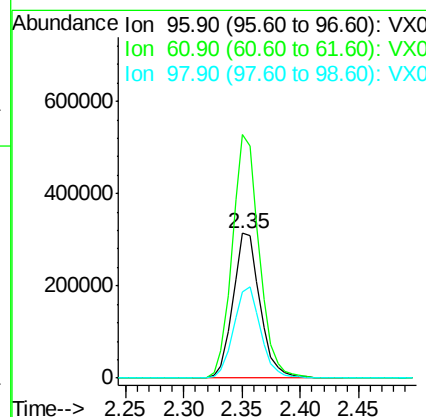
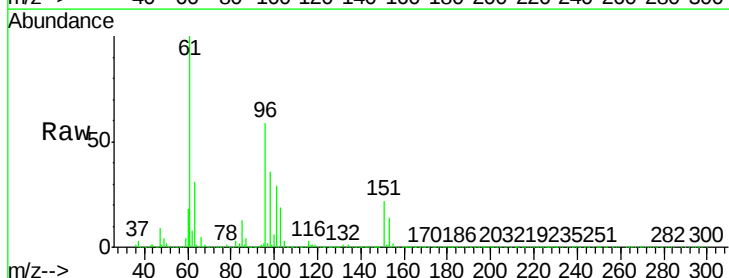
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 50.829 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	135.7	203.5
98	60.0	50.6	75.8





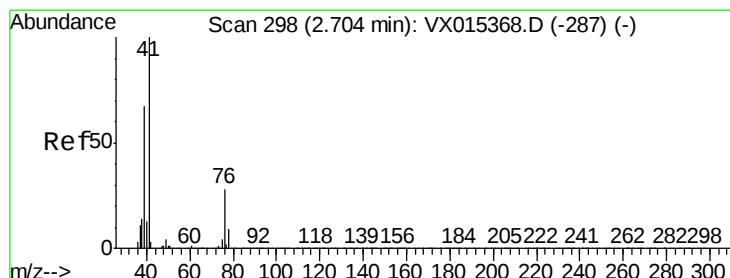
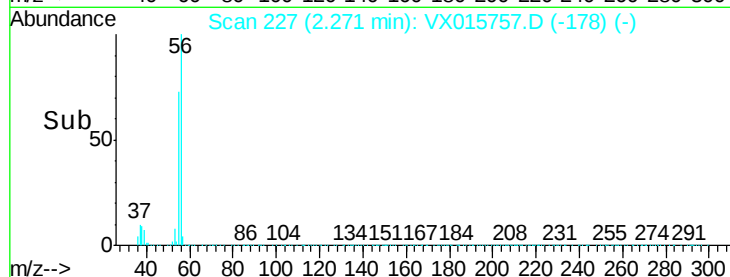
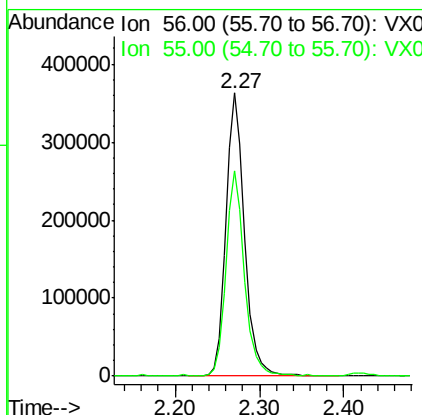
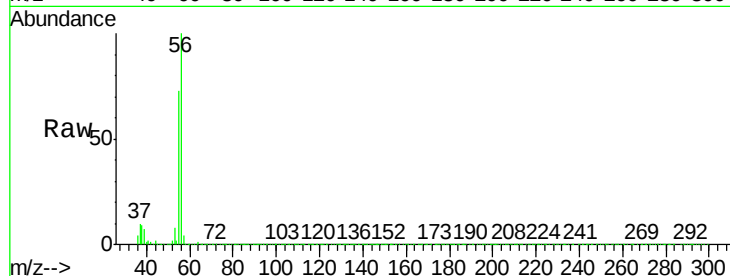
#13
Acrolein
Concen: 270.540 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	57.0	85.4

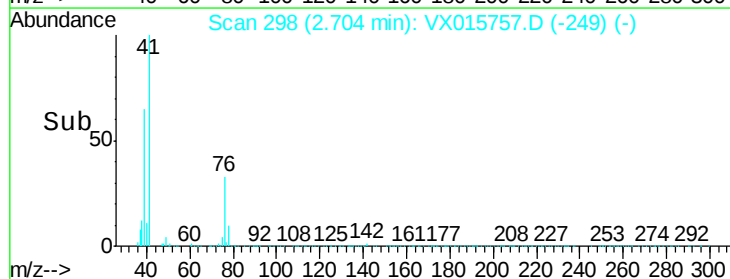
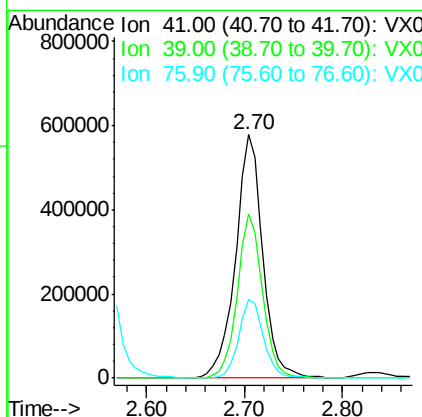
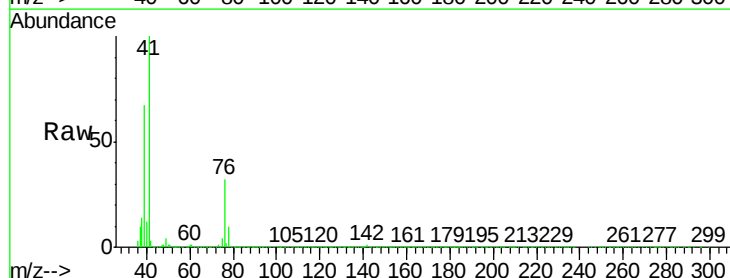
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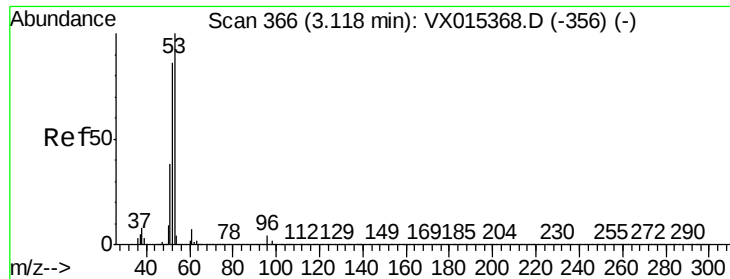
MMDadoda
4/21/2020 12:12:29 PM



#14
Allyl chloride
Concen: 47.873 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.6	51.4	77.0
76	29.1	21.8	32.8





#15

Acrylonitrile

Concen: 248.511 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1685650

Ion Ratio Lower Upper

53 100

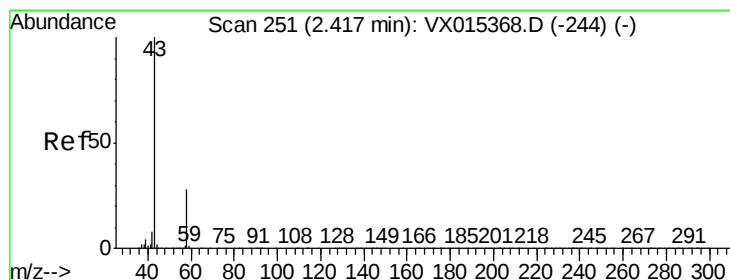
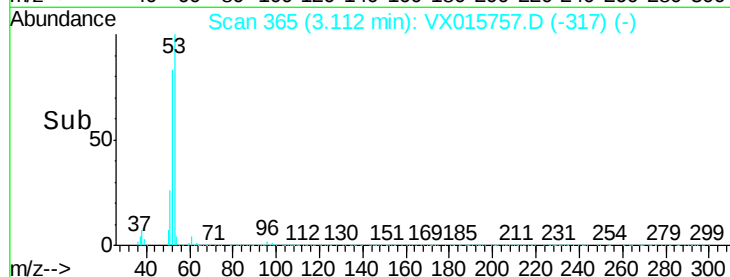
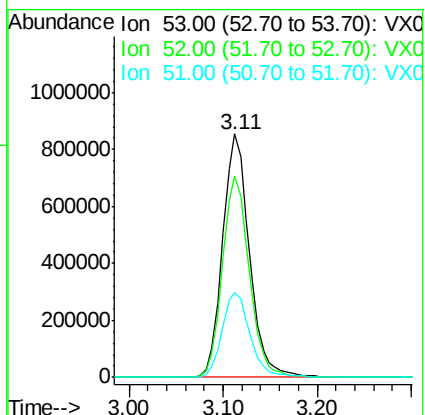
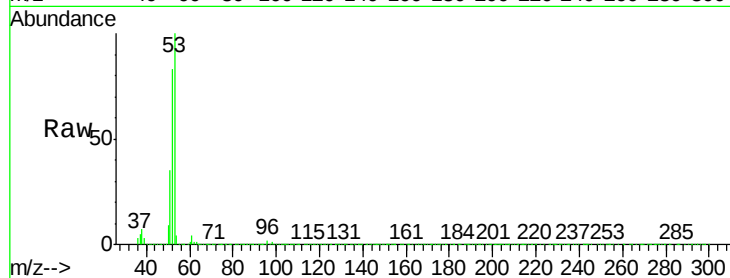
52 83.1 66.8 100.2

51 36.3 29.5 44.3

Manual Integrations
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#16

Acetone

Concen: 291.087 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015757.D

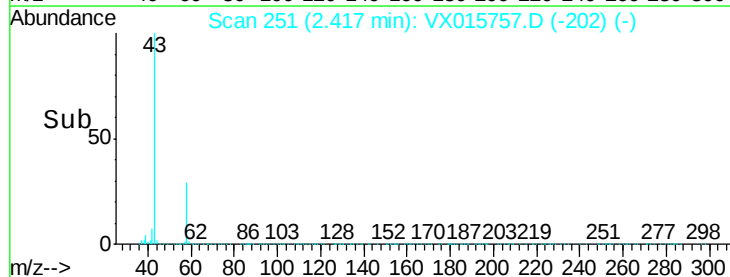
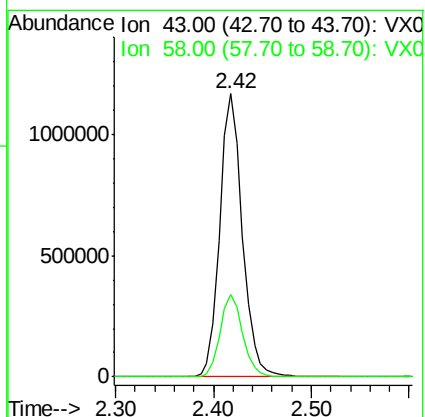
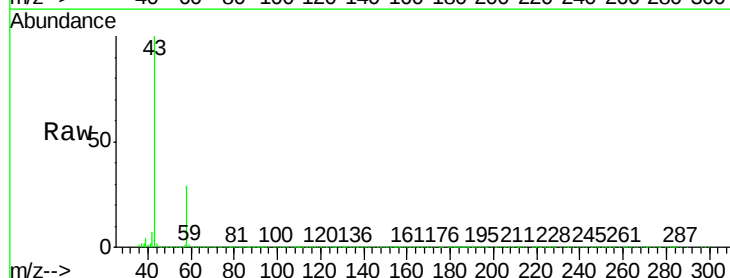
Acq: 20 Apr 2020 11:05

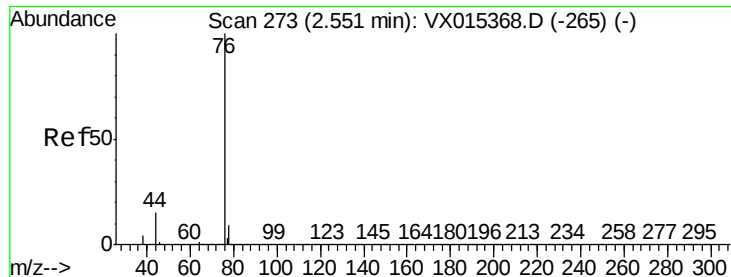
Tgt Ion: 43 Resp: 1858329

Ion Ratio Lower Upper

43 100

58 29.1 22.1 33.1





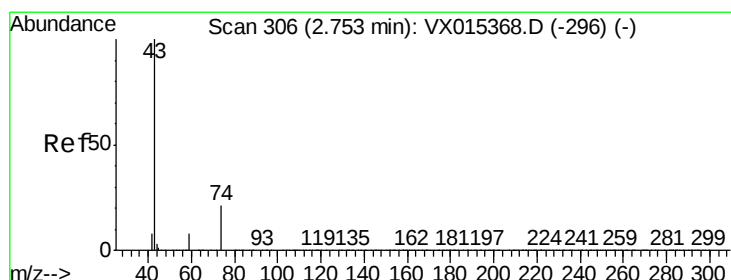
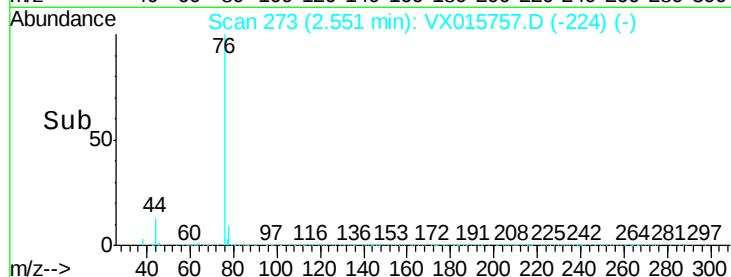
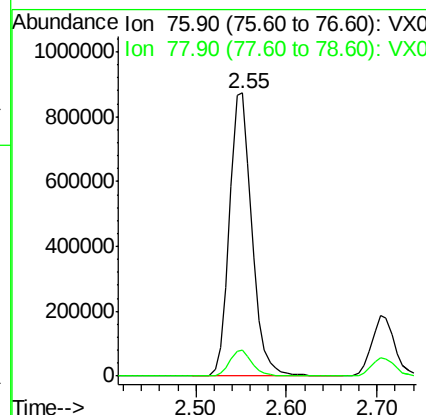
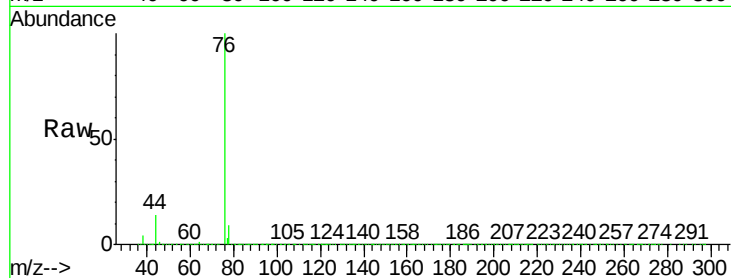
#17
Carbon Disulfide
Concen: 49.380 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

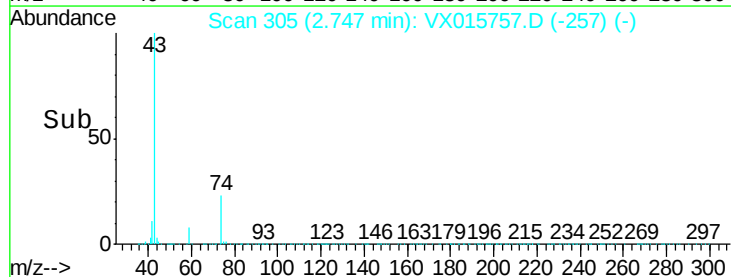
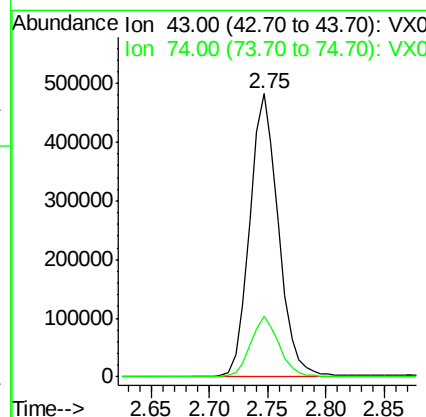
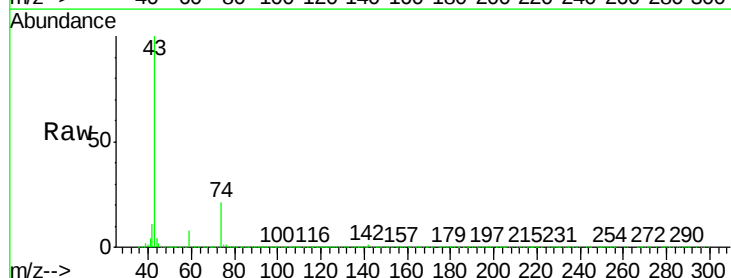
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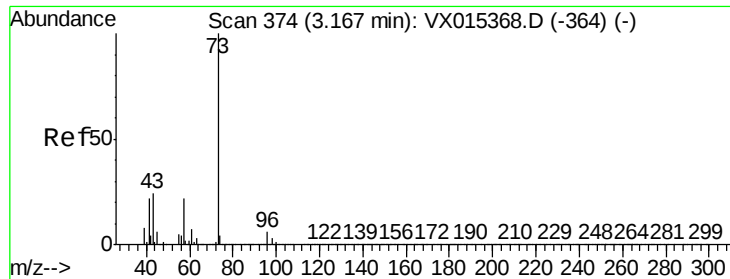
MMDadoda
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#18
Methyl Acetate
Concen: 50.809 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	16.5	24.7





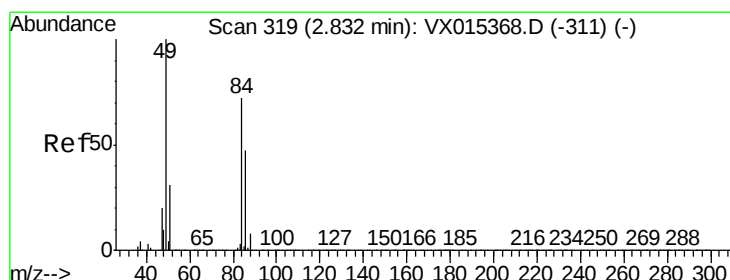
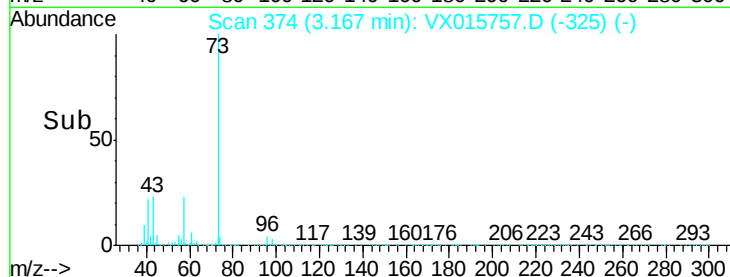
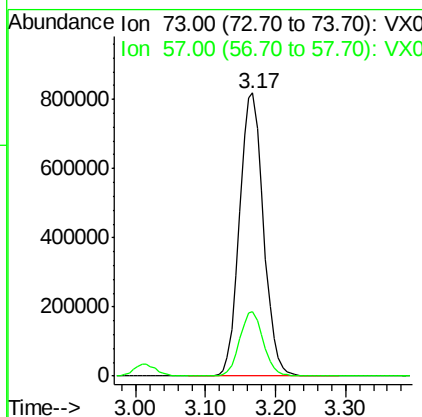
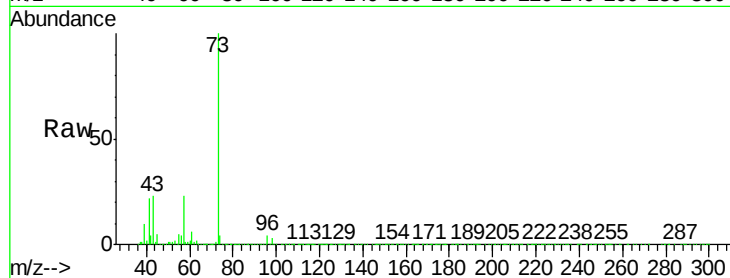
#19
Methvl tert-butvl Ether
Concen: 50.320 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1941269
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9

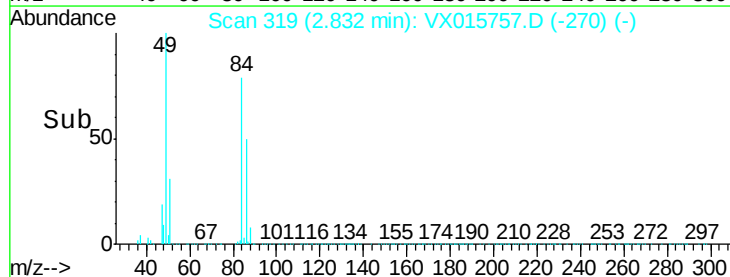
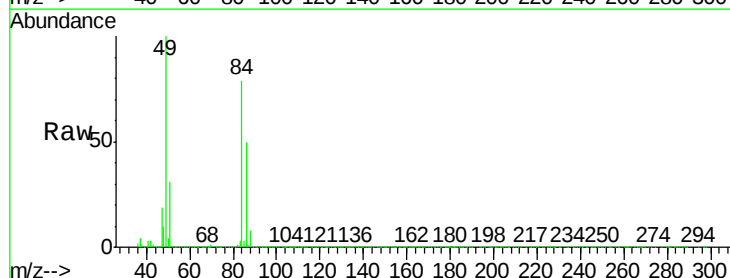
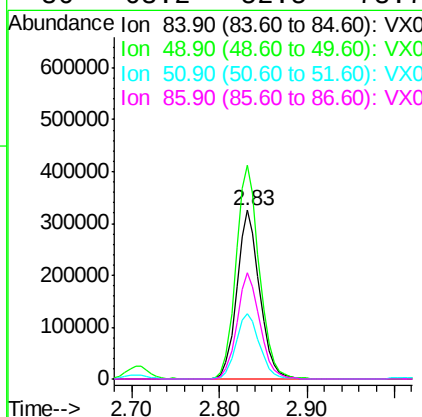
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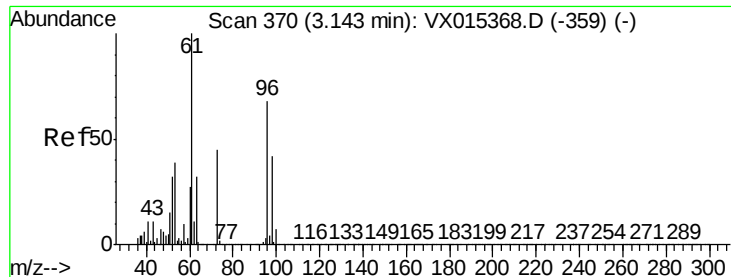
MMDadoda
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#20
Methylene Chloride
Concen: 49.219 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion: 84 Resp: 586913
Ion Ratio Lower Upper
84 100
49 126.7 111.3 166.9
51 38.7 34.0 51.0
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.334 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

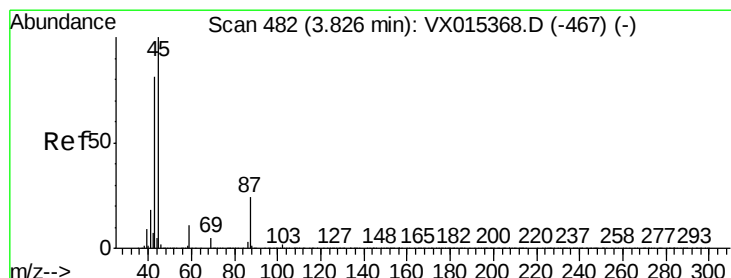
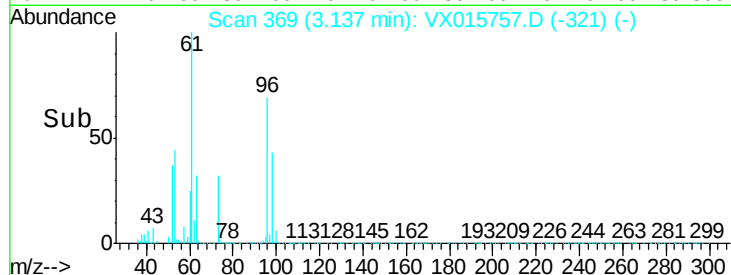
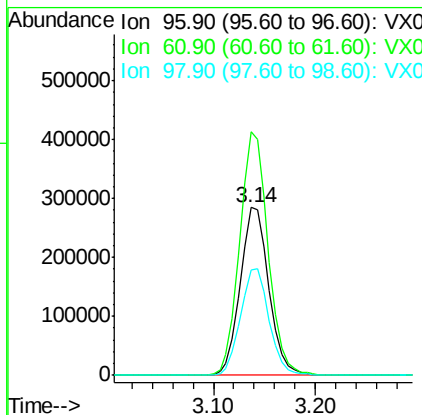
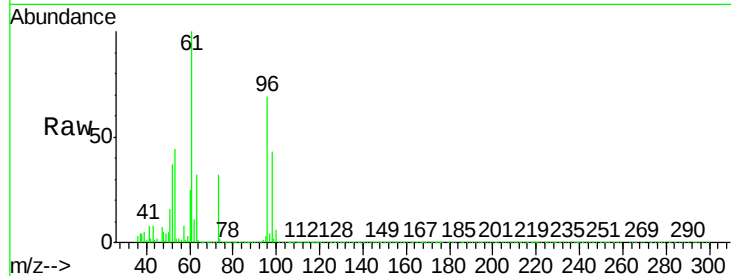
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	555650
Ion Ratio	Lower	Upper	
96	100		
61	144.8	116.9	175.3
98	62.3	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.076 ug/l

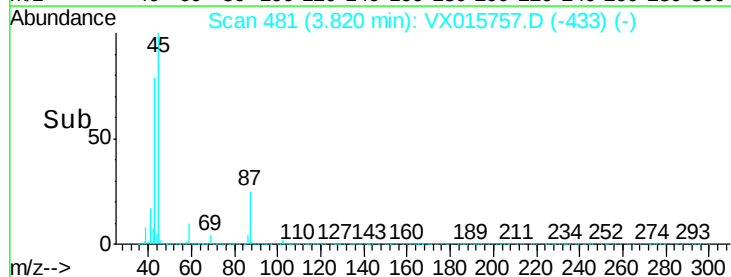
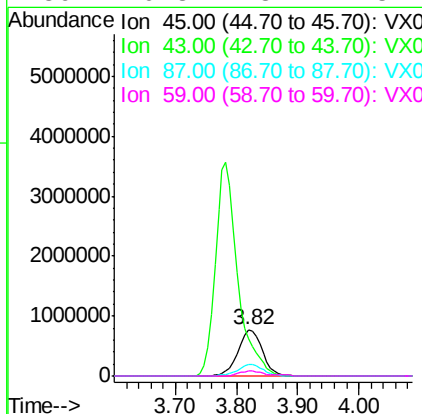
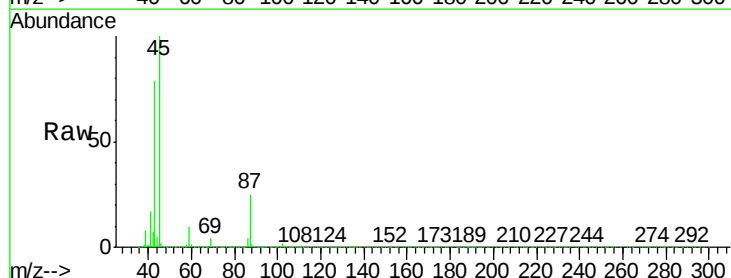
RT: 3.82 min Scan# 481

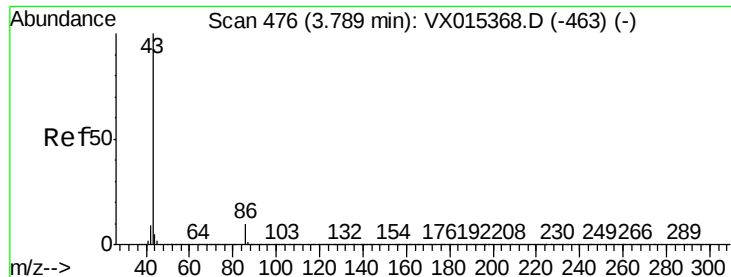
Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion:	45	Resp:	2103550
Ion Ratio	Lower	Upper	
45	100		
43	78.9	64.7	97.1
87	25.0	19.4	29.0
59	10.3	8.7	13.1





#23

Vinyl Acetate

Concen: 245.458 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9152862

Ion Ratio Lower Upper

43 100

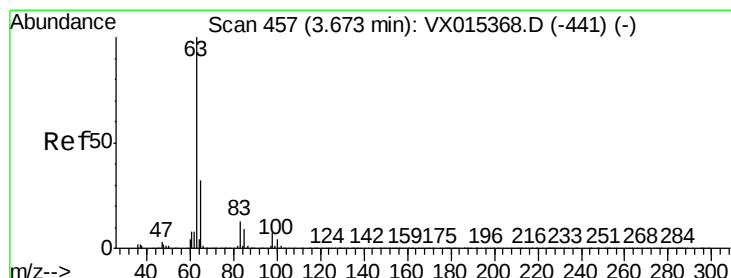
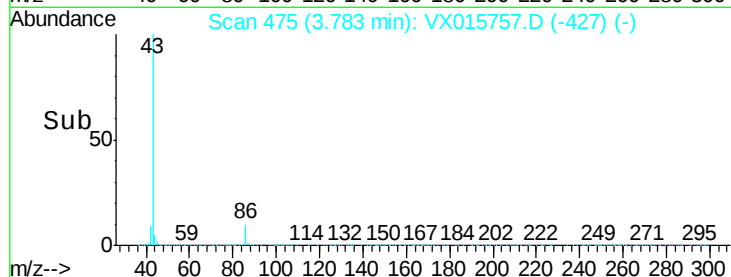
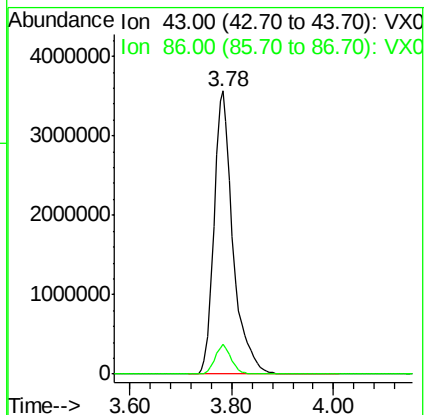
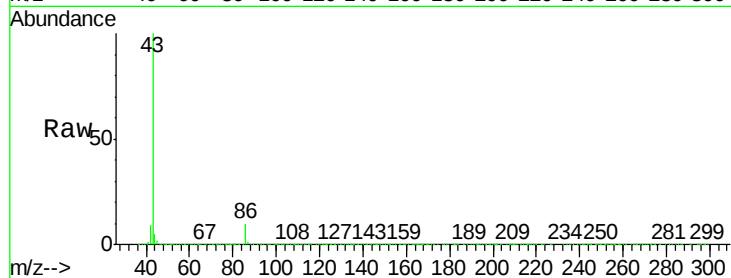
86 10.4 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 49.410 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

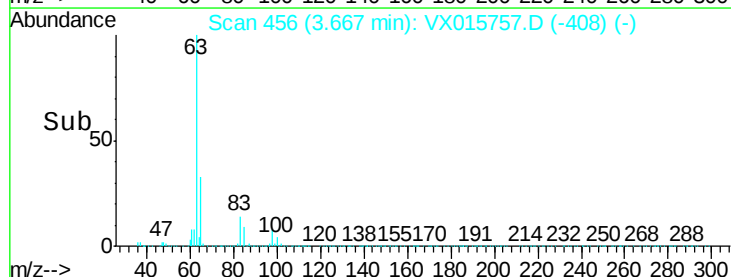
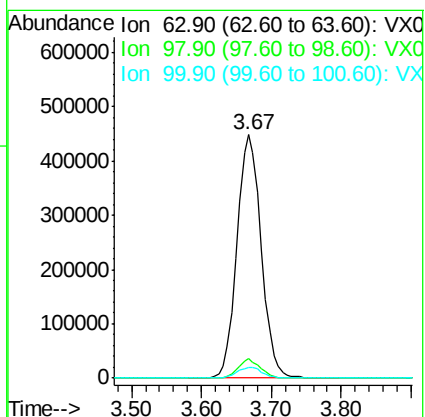
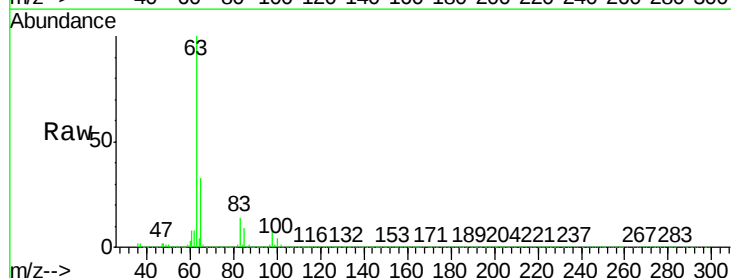
Tgt Ion: 63 Resp: 1071426

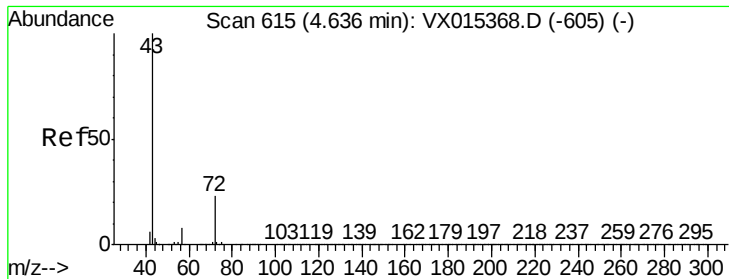
Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 248.623 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tot Ion: 43 Resp: 2552608

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

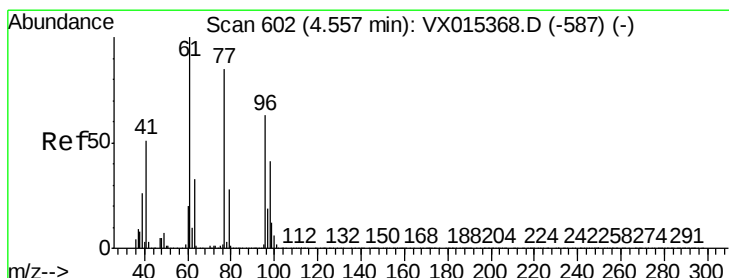
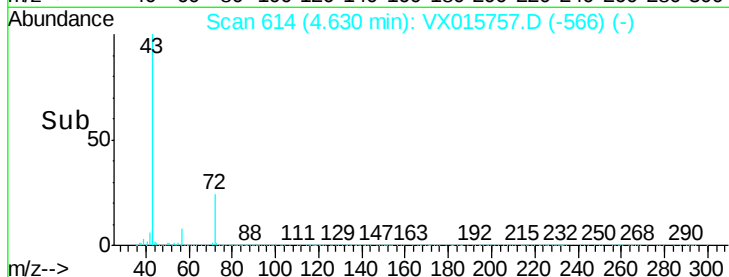
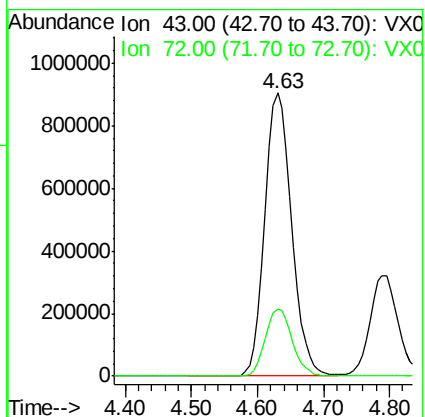
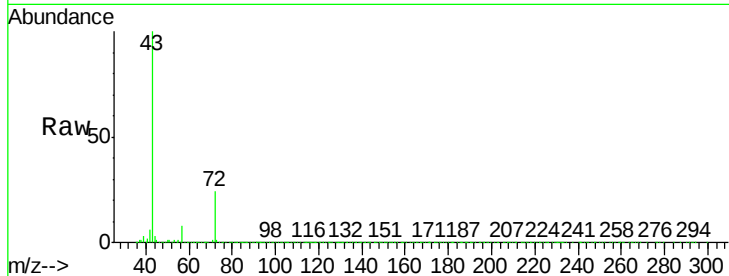
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.904 ug/l

RT: 4.55 min Scan# 600

Delta R.T. -0.01 min

Lab File: VX015757.D

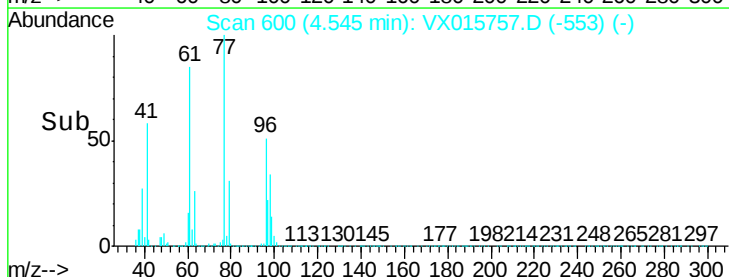
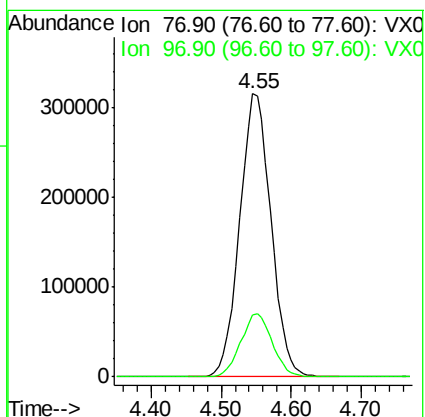
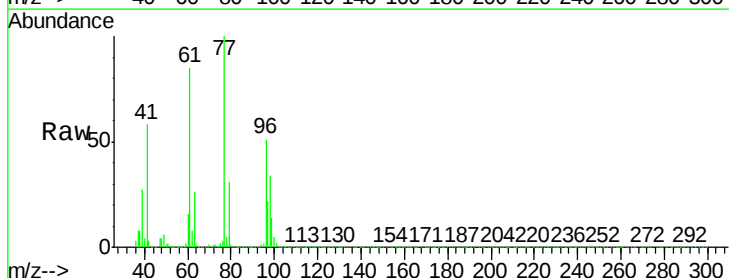
Acq: 20 Apr 2020 11:05

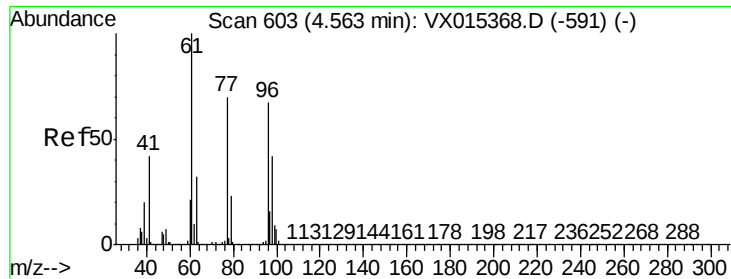
Tgt Ion: 77 Resp: 977221

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

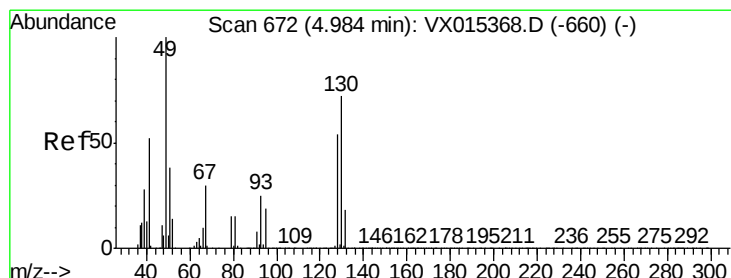
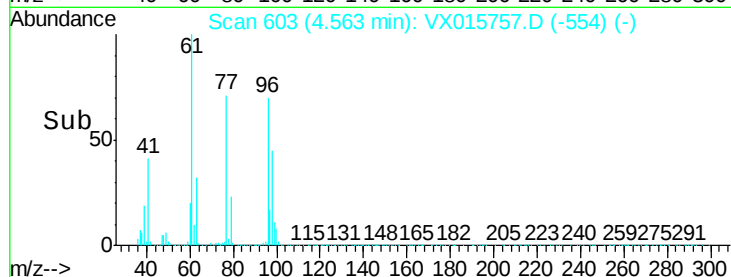
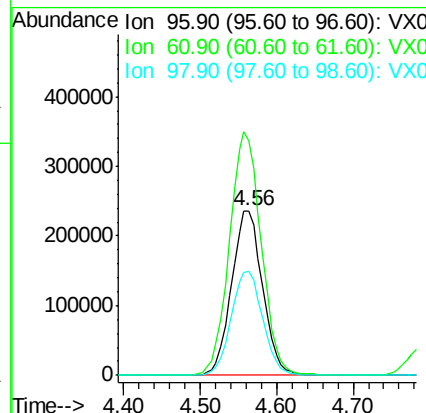
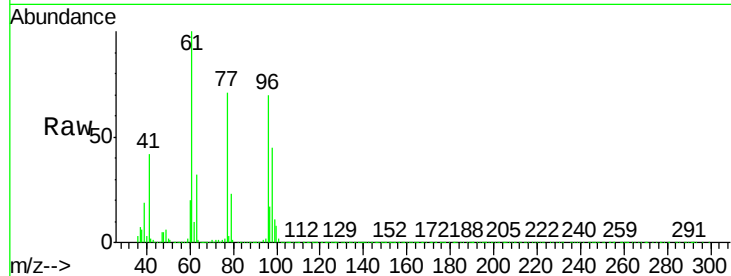
cis-1,2-Dichloroethene
Concen: 51.818 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.2	0.0	308.4	
98	64.2	0.0	129.2	

Manual Integrations
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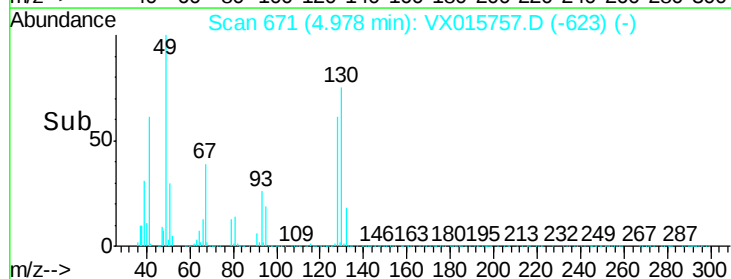
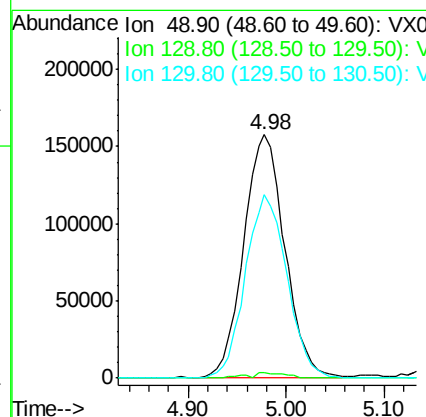
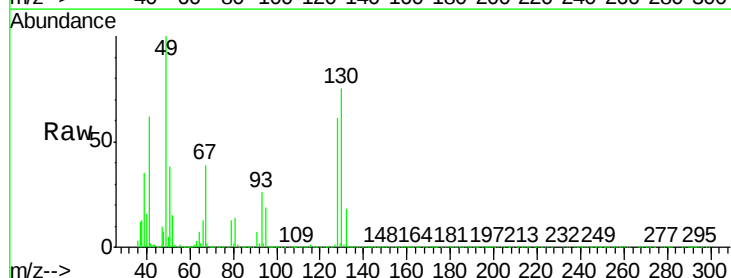
MMDadoda
4/21/2020 12:12:29 PM

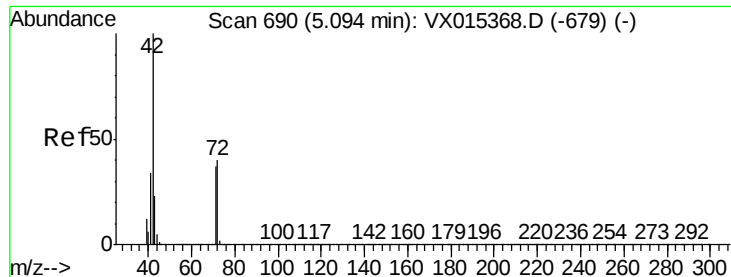


#28

Bromochloromethane
Concen: 44.254 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	4.4	
130	76.9	57.7	86.5	





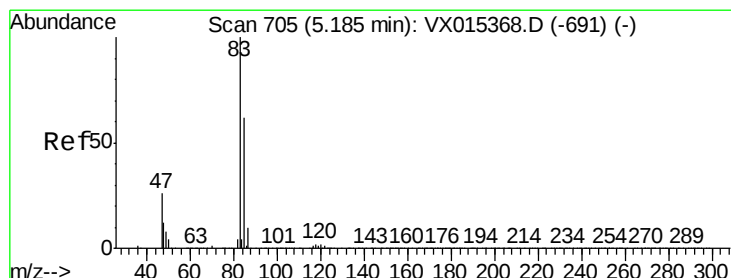
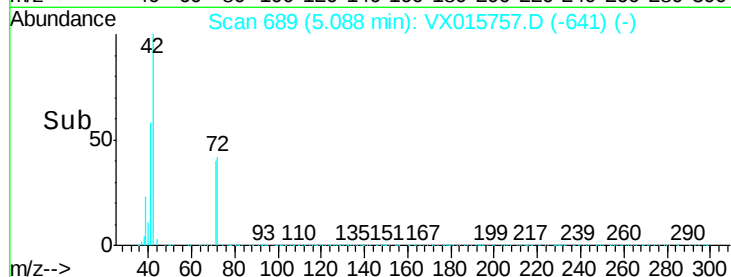
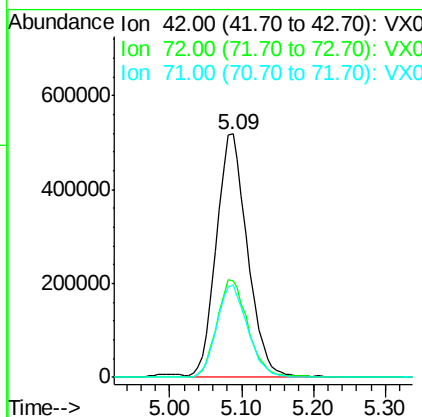
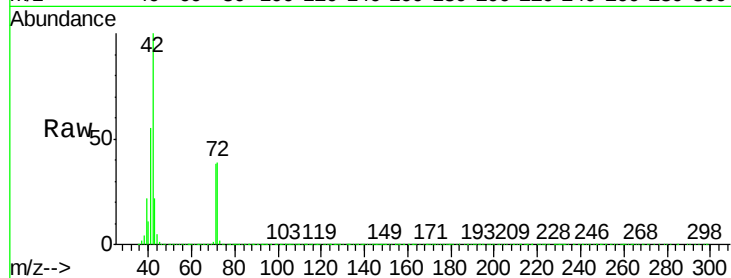
#29
Tetrahydrofuran
Concen: 235.714 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 1555799
Ion Ratio Lower Upper
42 100
72 40.4 31.7 47.5
71 37.8 29.6 44.4

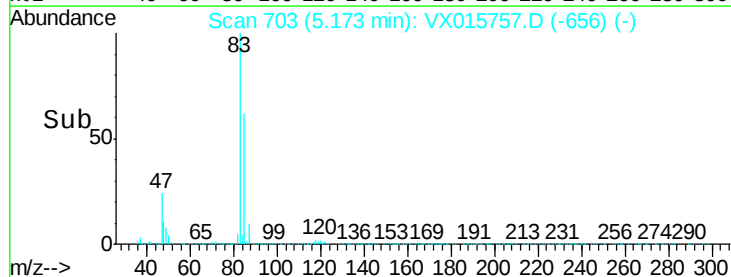
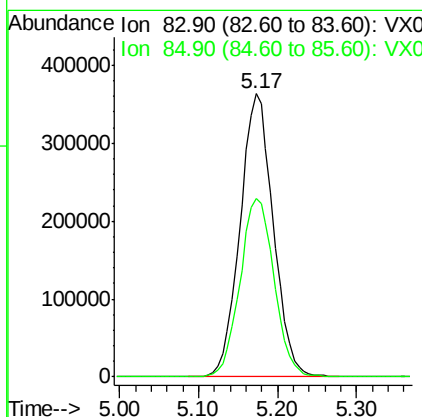
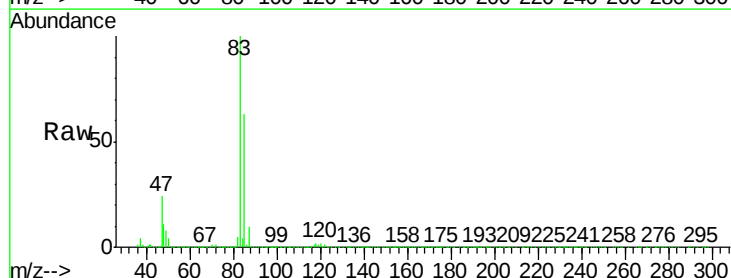
Manual Integrations
APPROVED

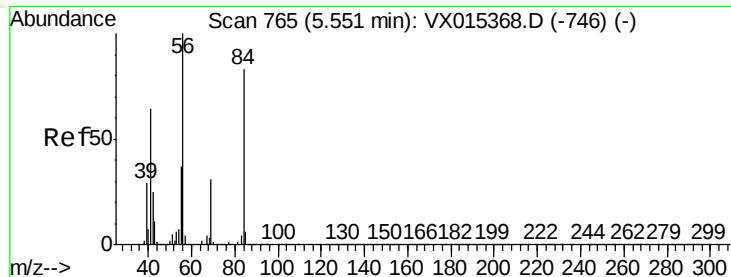
MMDadoda
4/21/2020 12:12:29 PM



#30
Chloroform
Concen: 50.925 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion: 83 Resp: 1062405
Ion Ratio Lower Upper
83 100
85 62.8 49.5 74.3





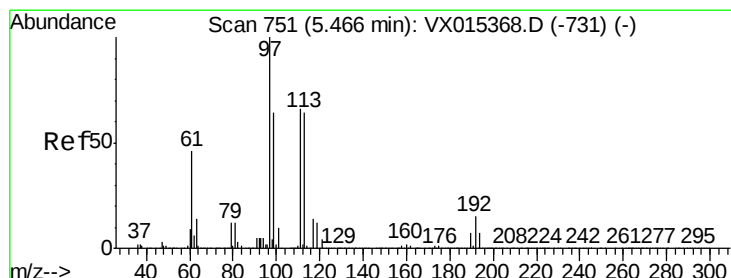
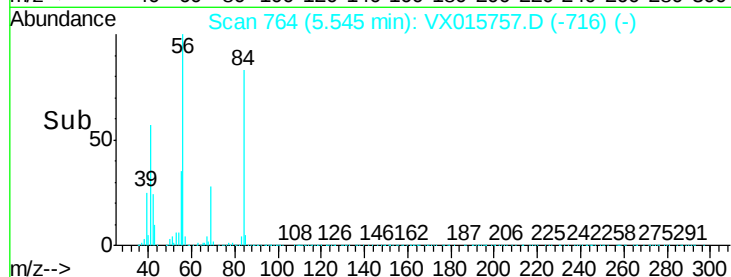
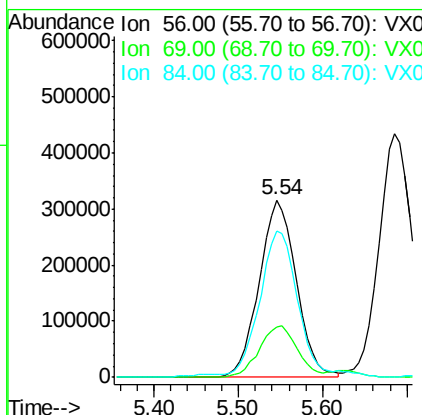
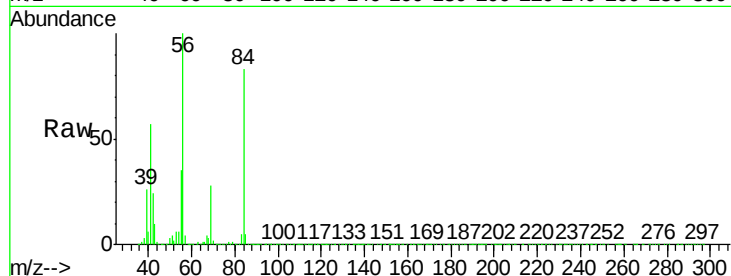
#31
Cyclohexane
Concen: 50.809 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.2	24.6	36.8
84	81.9	66.1	99.1

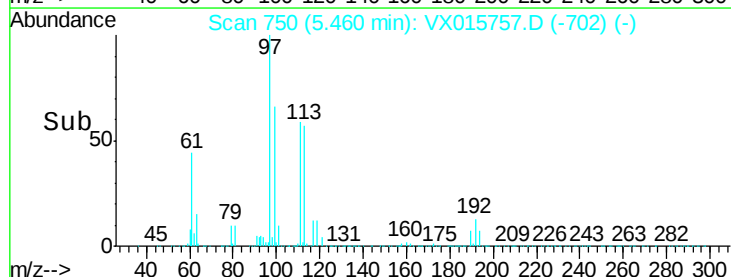
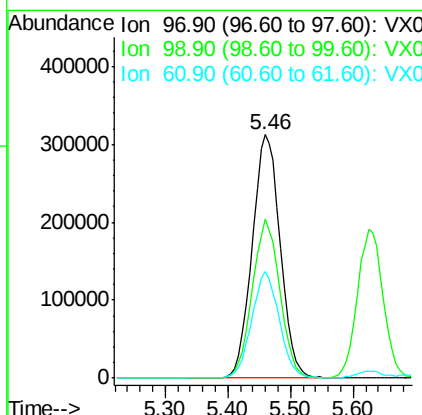
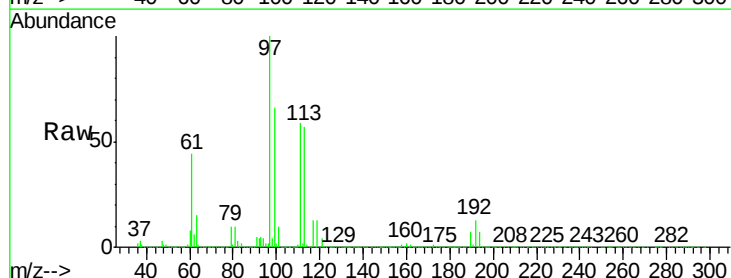
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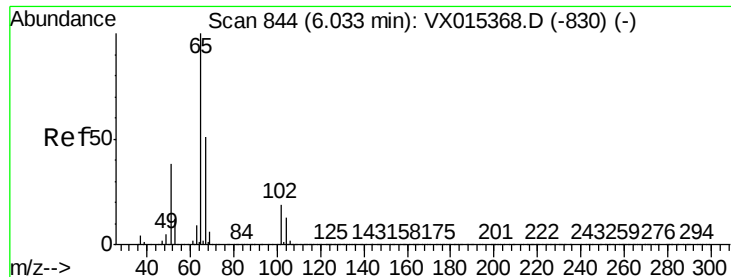
MMDadoda
4/21/2020 12:12:29 PM



#32
1,1,1-Trichloroethane
Concen: 50.933 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	43.0	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 43.800 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 650856

Ion Ratio Lower Upper

65 100

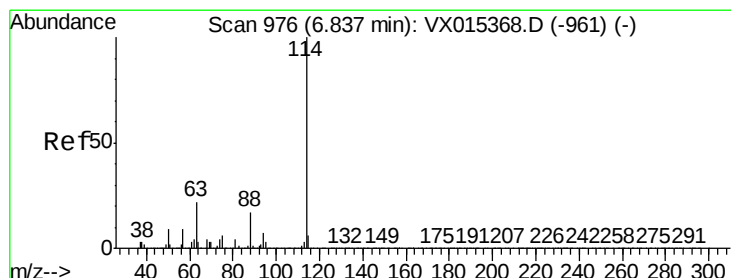
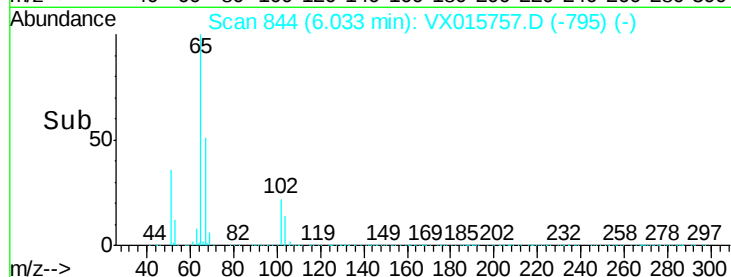
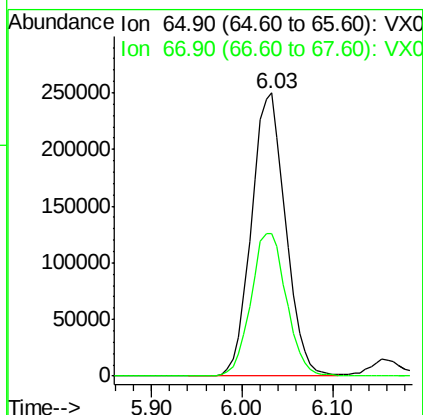
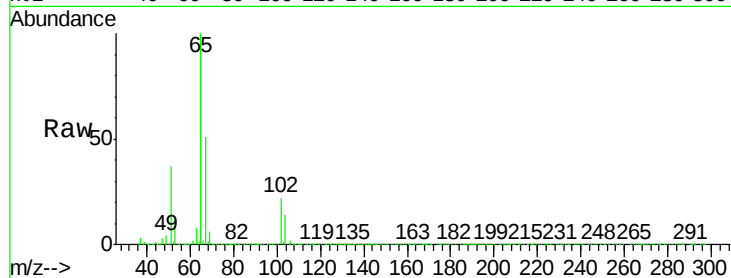
67 52.1 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

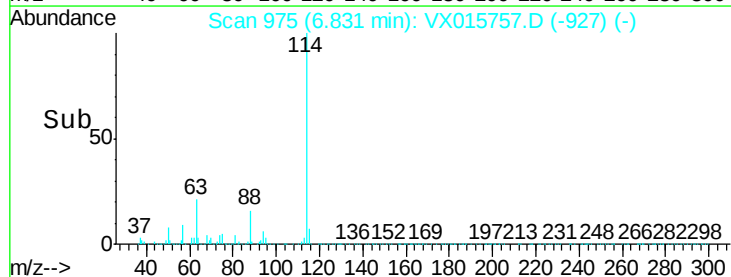
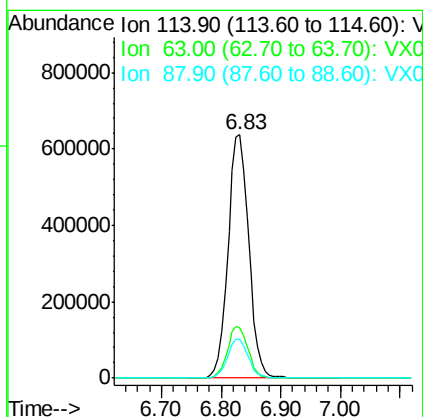
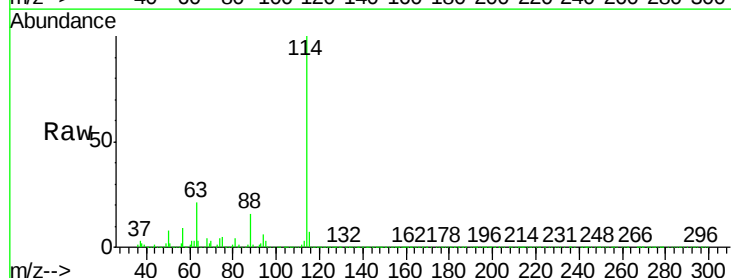
Tgt Ion: 114 Resp: 1538902

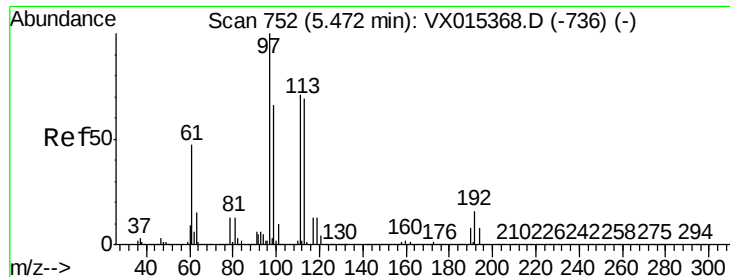
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

88 16.0 0.0 33.8





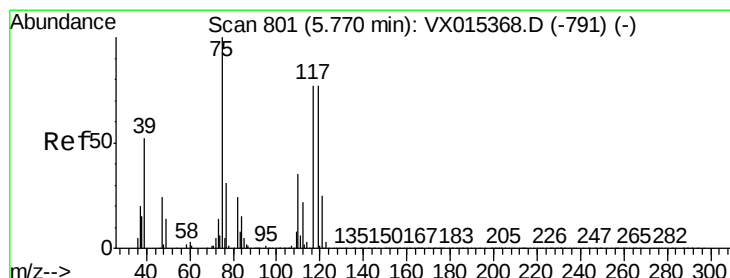
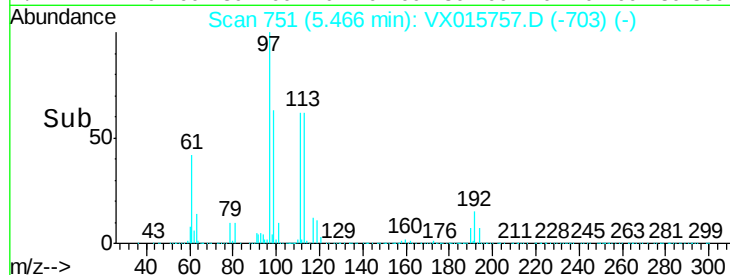
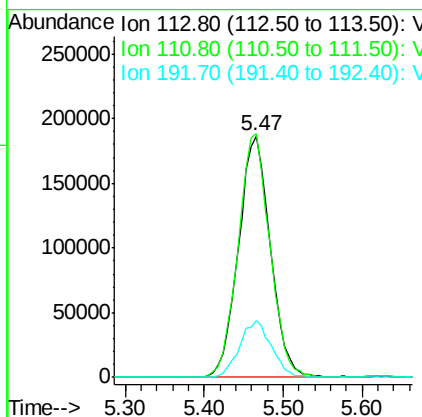
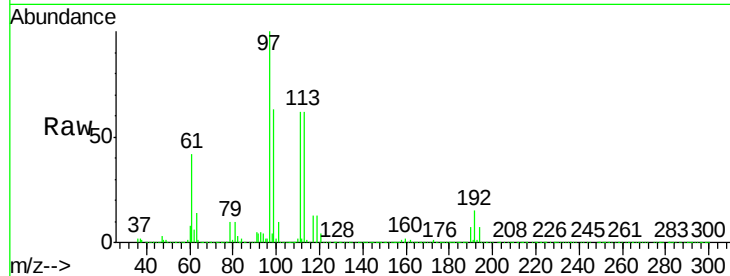
#35
Dibromofluoromethane
Concen: 53.373 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	525037		
111	100.4	81.5	122.3	
192	23.5	17.8	26.6	

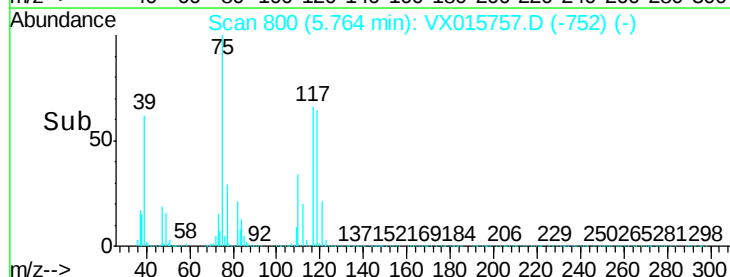
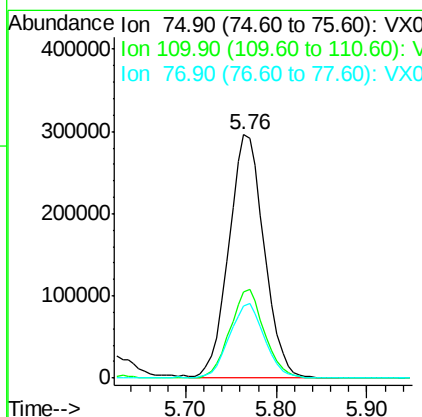
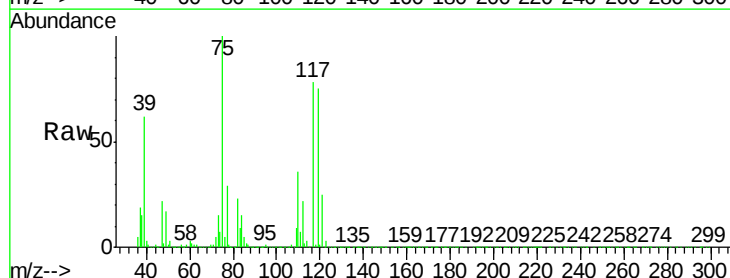
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#36
1,1-Dichloropropene
Concen: 56.062 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	794913		
110	35.4	17.1	51.3	
77	30.2	24.6	36.8	





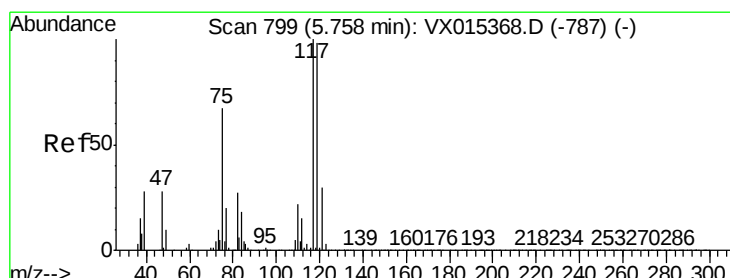
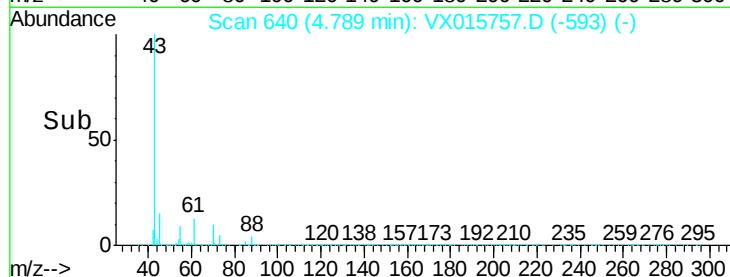
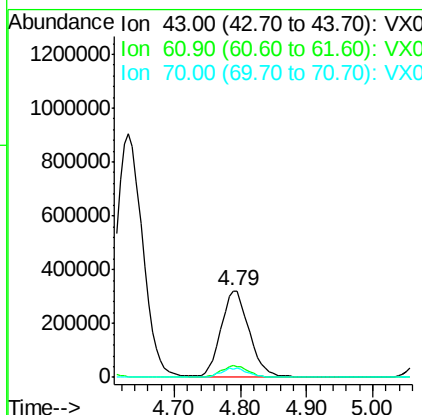
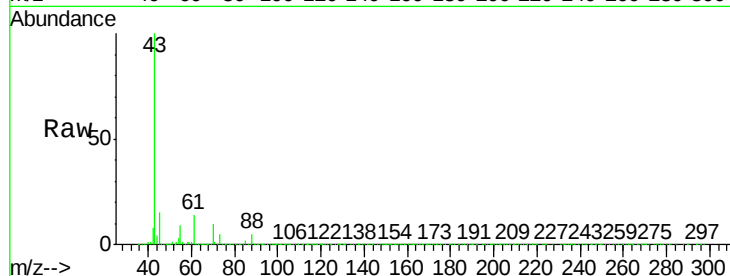
#37
Ethyl Acetate
Concen: 51.552 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	10.1	8.1	12.1

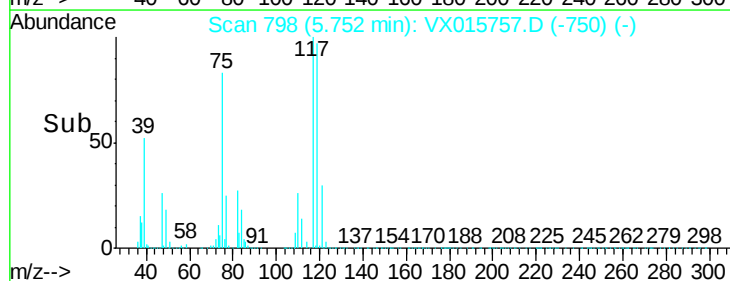
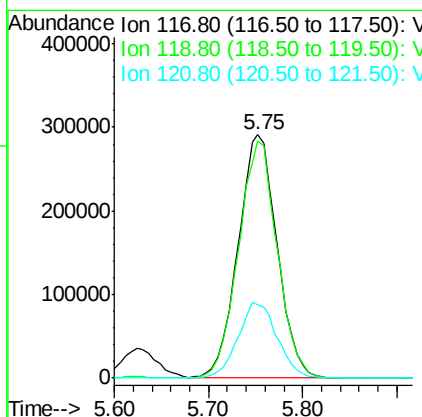
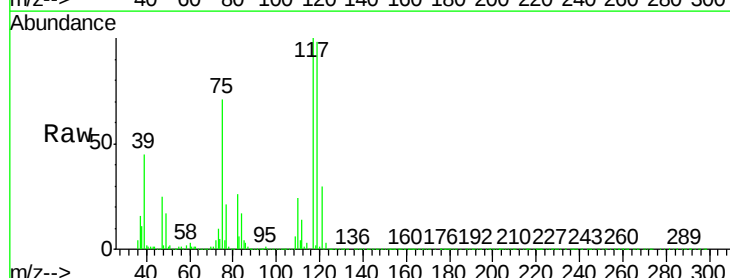
Manual Integrations
APPROVED

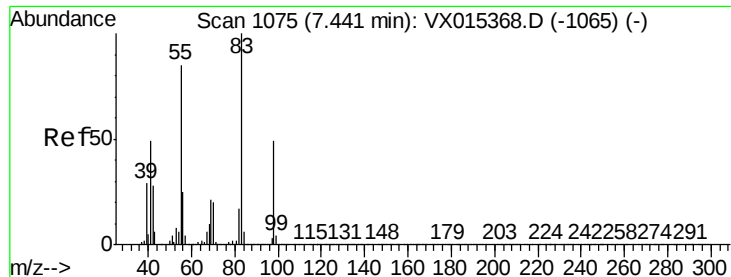
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#38
Carbon Tetrachloride
Concen: 54.605 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.0	117.0
121	30.4	23.8	35.8





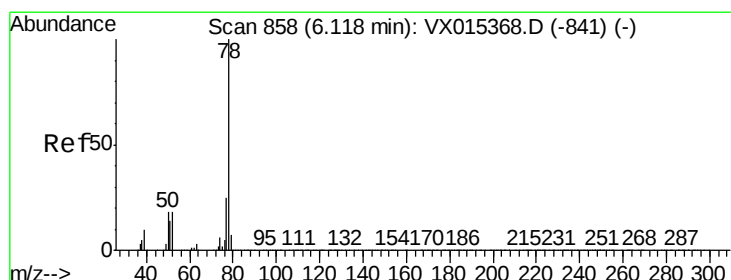
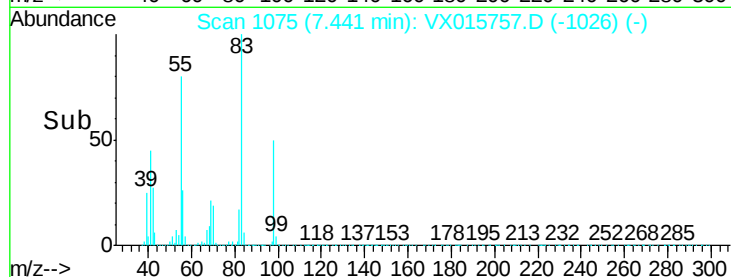
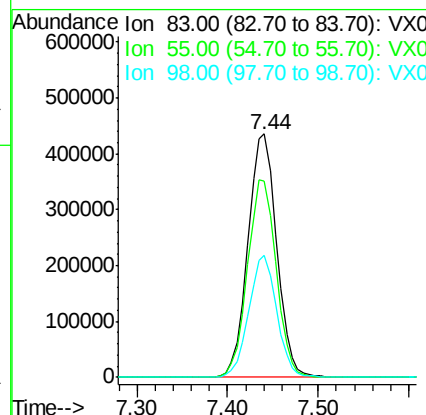
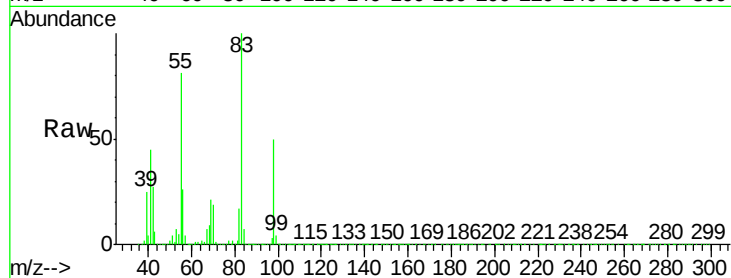
#39
Methvlcvclohexane
Concen: 58.440 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	67.8	101.6
98	49.9	39.3	58.9

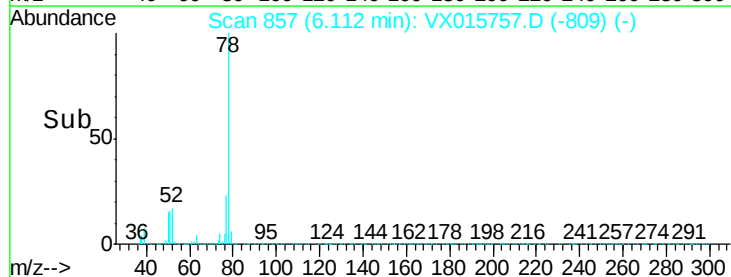
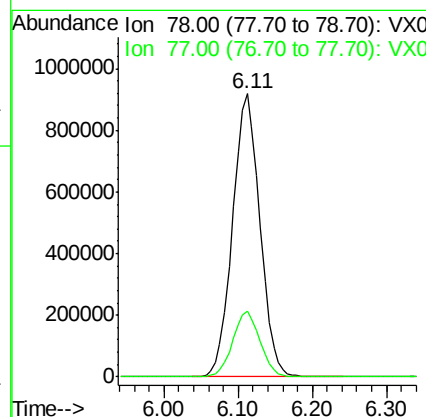
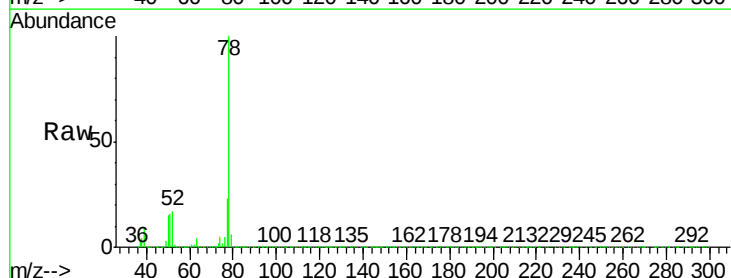
Manual Integrations
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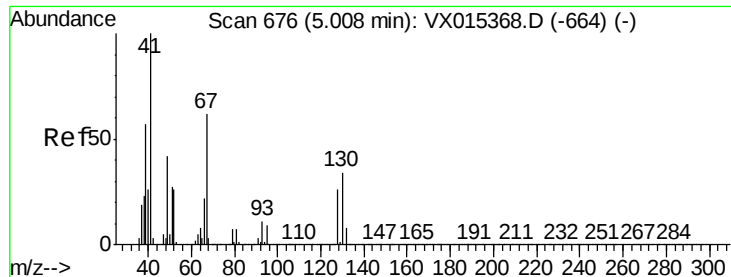
MMDadoda
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#40
Benzene
Concen: 56.627 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.8	29.8





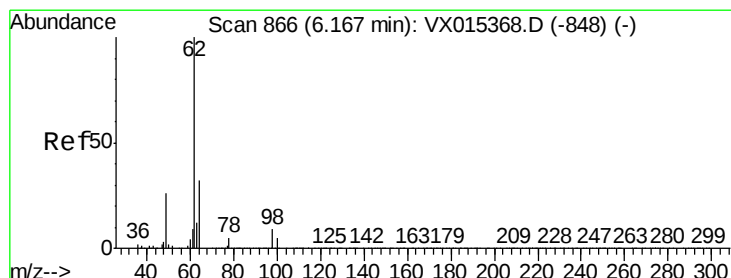
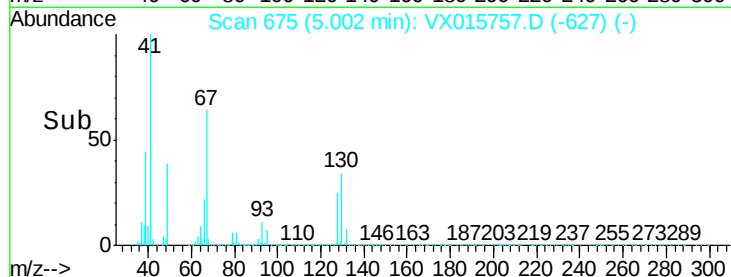
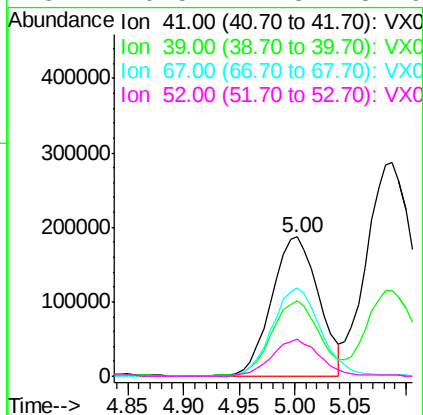
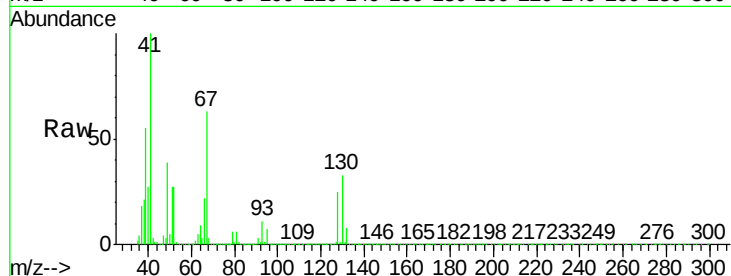
#41
Methacrylonitrile
Concen: 53.682 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		550173		
39	55.6	44.5	66.7		
67	65.1	48.9	73.3		
52	26.5	21.8	32.6		

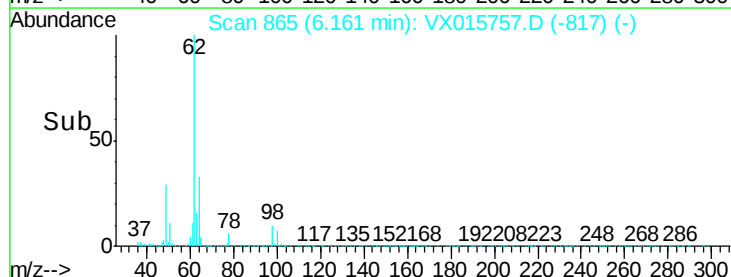
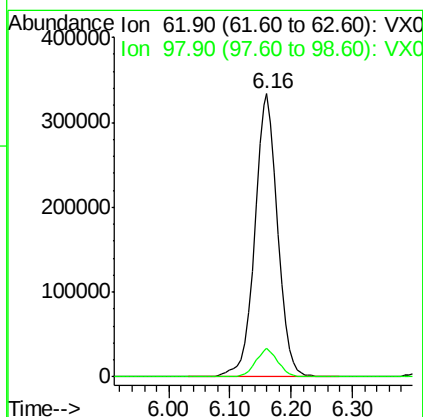
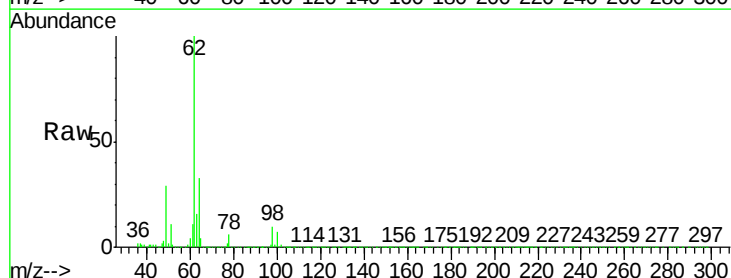
Manual Integrations
APPROVED

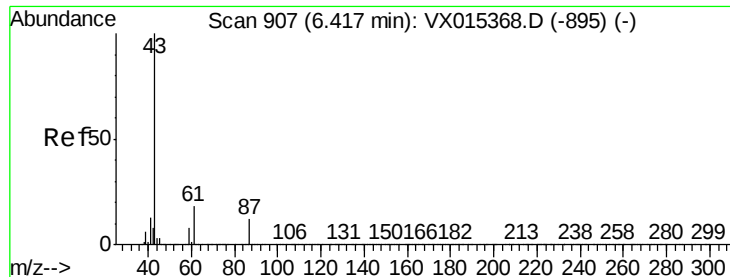
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.447 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		875008		
98	9.6	0.0	17.6		





#43

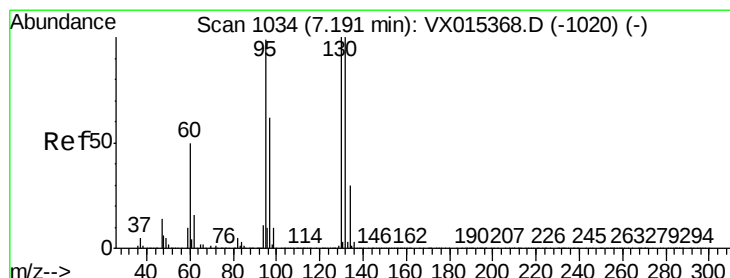
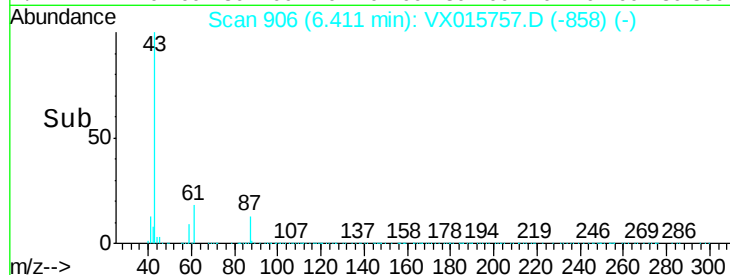
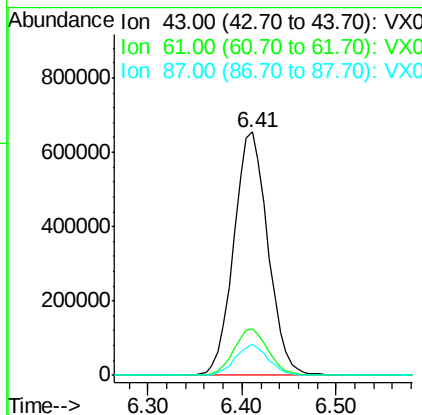
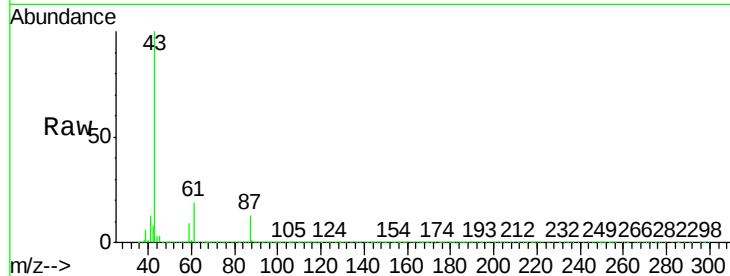
Isopropyl Acetate
 Concen: 52.498 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015757.D
 Acq: 20 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.8	22.2
87	12.4	9.4	14.0

Manual Integrations
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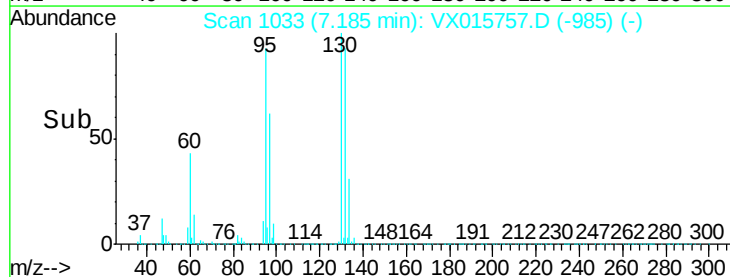
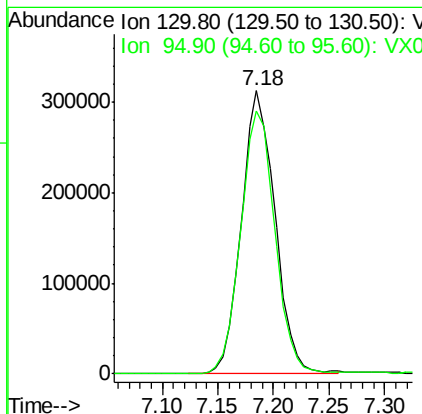
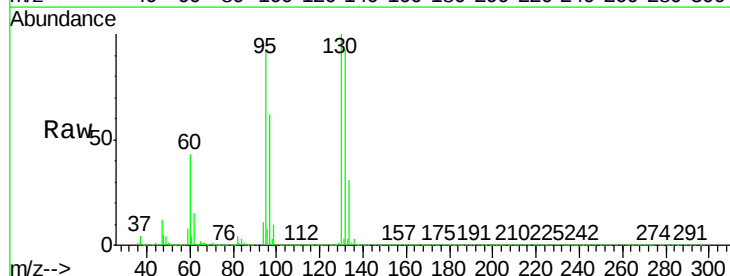
MMDadoda
 4/21/2020 12:12:29 PM

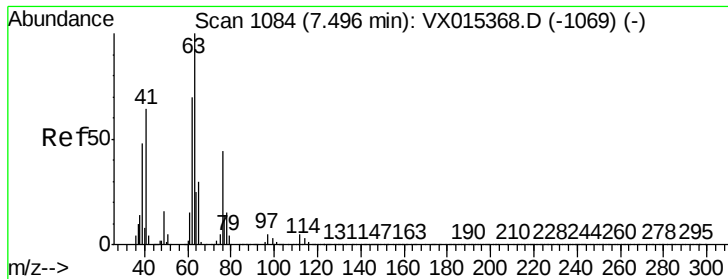


#44

Trichloroethene
 Concen: 57.977 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015757.D
 Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	199.0





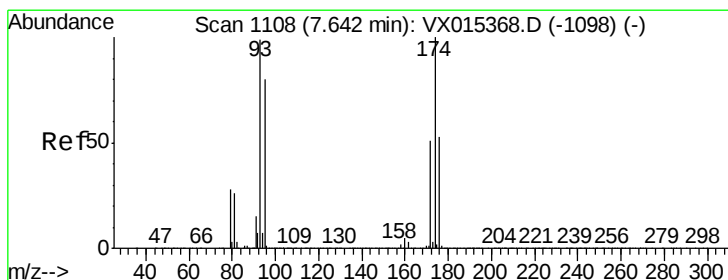
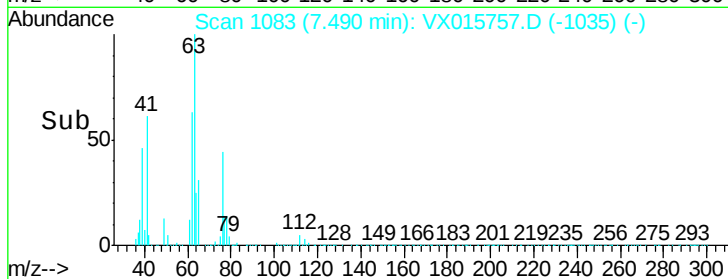
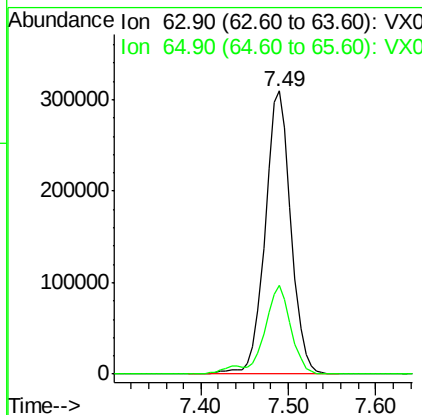
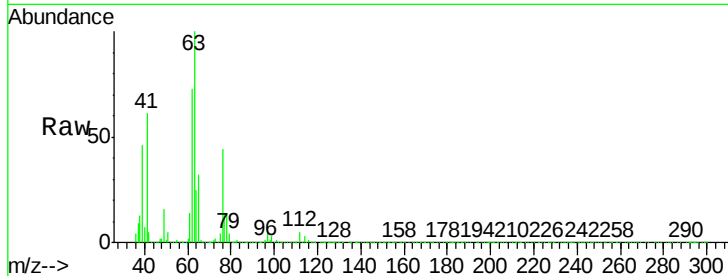
#45
 1,2-Dichloropropane
 Concen: 55.966 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015757.D
 Acq: 20 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.9	35.9

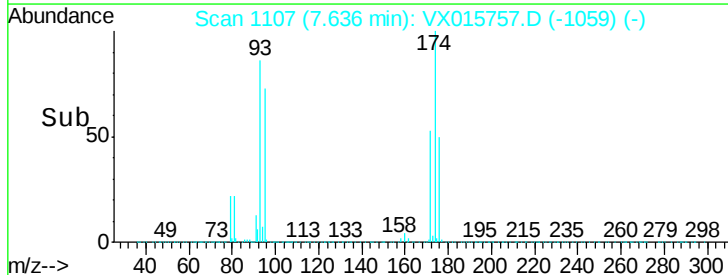
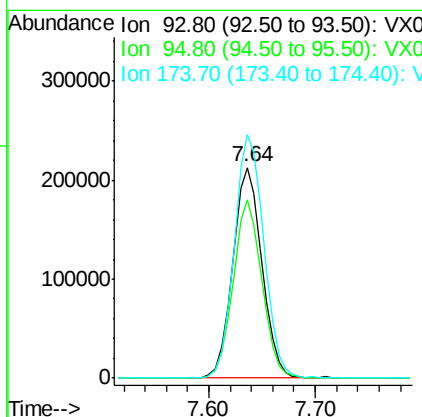
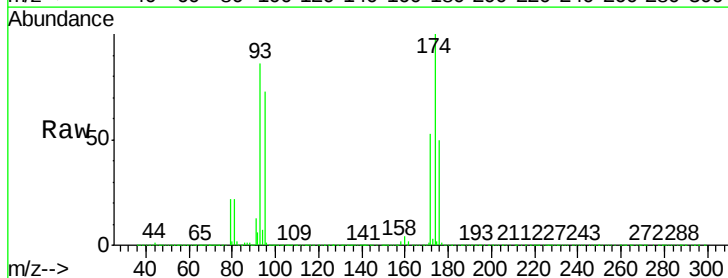
Manual Integrations
 APPROVED

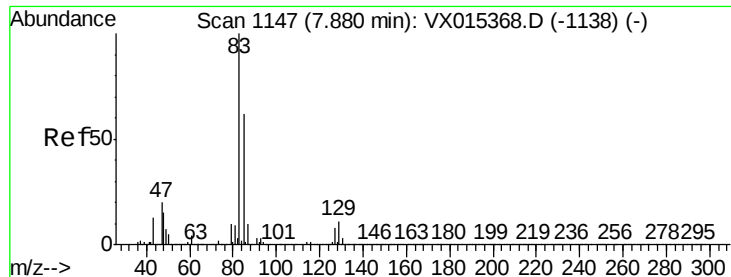
MMDadoda
 4/21/2020 12:12:29 PM



#46
 Dibromomethane
 Concen: 54.899 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015757.D
 Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.8	98.8
174	117.3	86.2	129.2





#47

Bromodichloromethane

Concen: 55.446 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

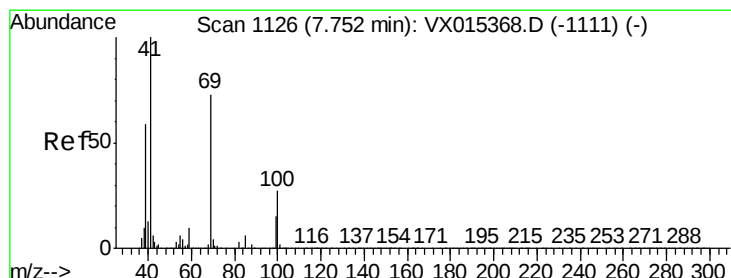
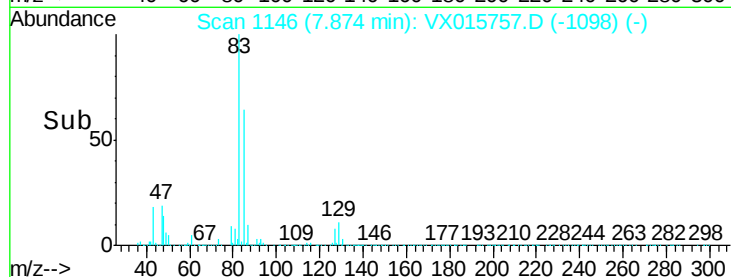
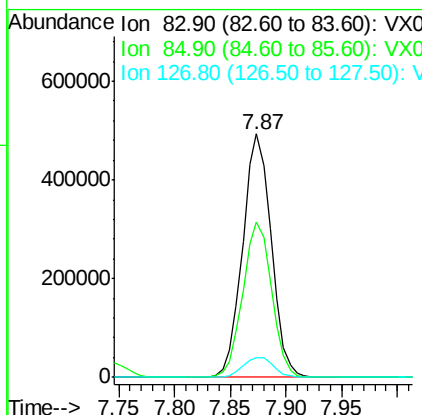
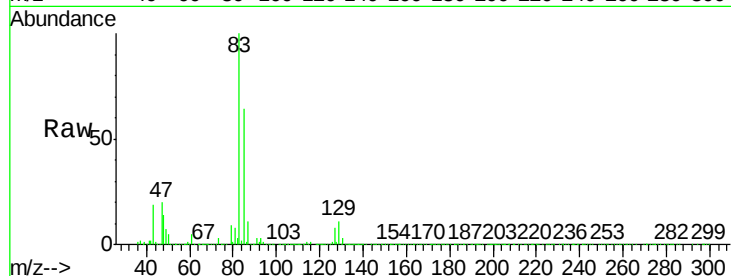
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	880586
Ion Ratio	Lower	Upper	
83	100		
85	63.7	49.7	74.5
127	8.3	6.7	10.1

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#48

Methyl methacrylate

Concen: 52.638 ug/l

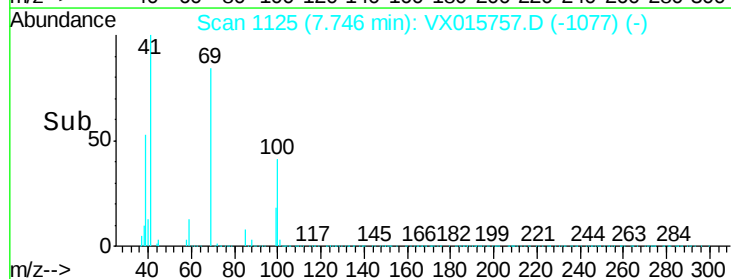
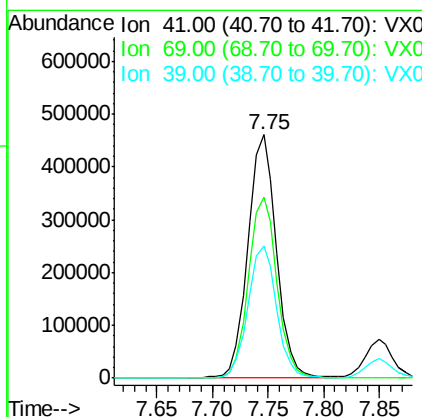
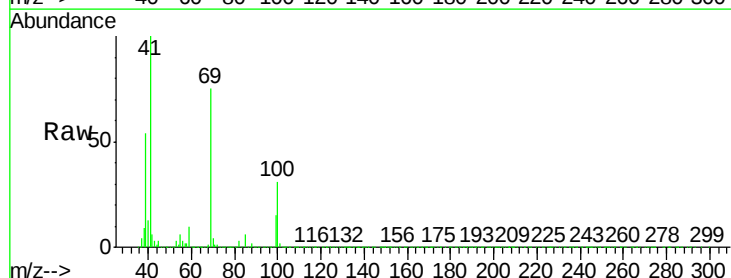
RT: 7.75 min Scan# 1125

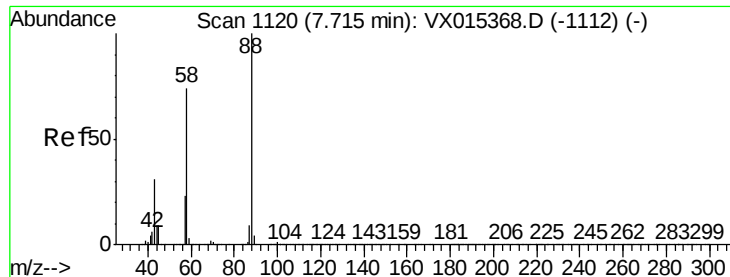
Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion:	41	Resp:	819427
Ion Ratio	Lower	Upper	
41	100		
69	74.5	56.7	85.1
39	54.3	46.5	69.7





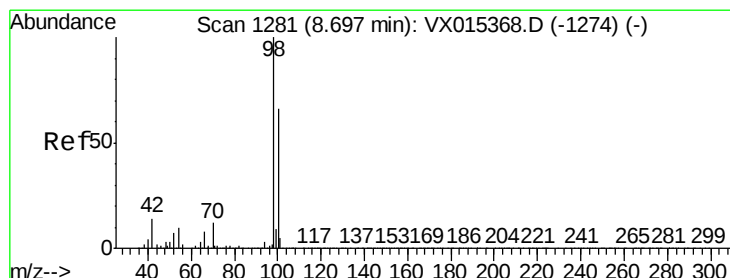
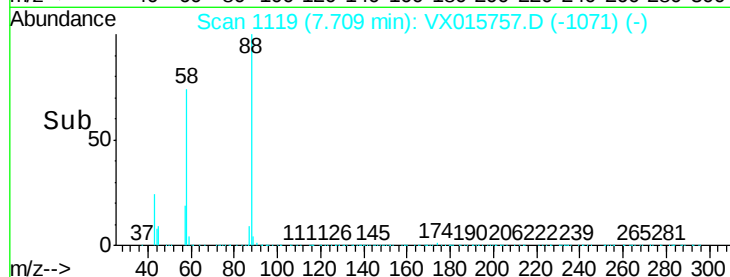
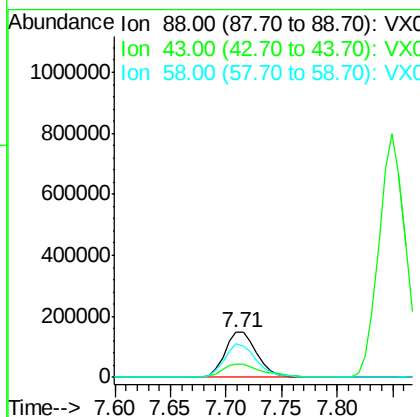
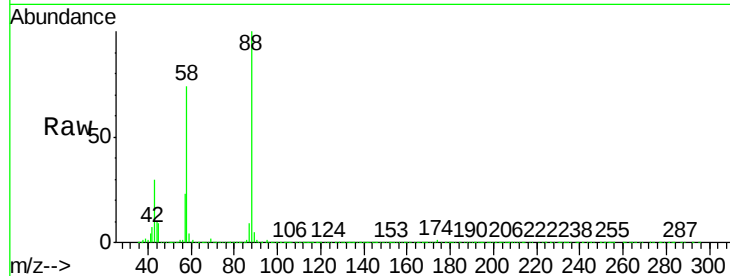
#49
1,4-Dioxane
Concen: 1002.828 ug/l
RT: 7.71 min Scan# 1119
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	291229		
43	36.6		30.1	45.1
58	74.5		60.6	90.8

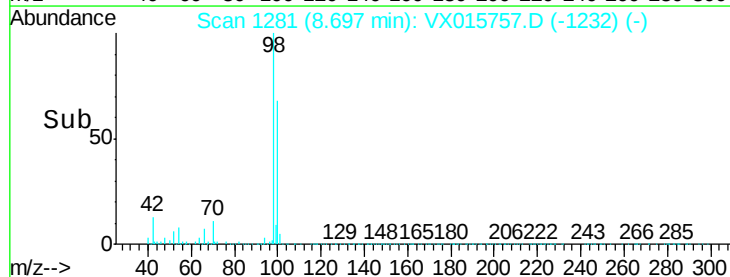
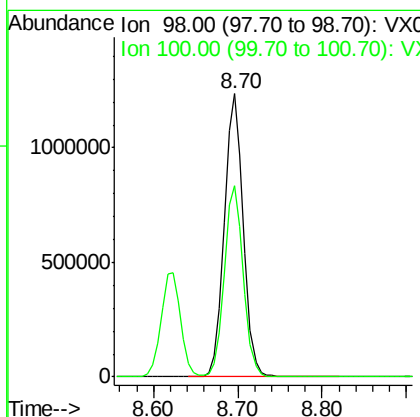
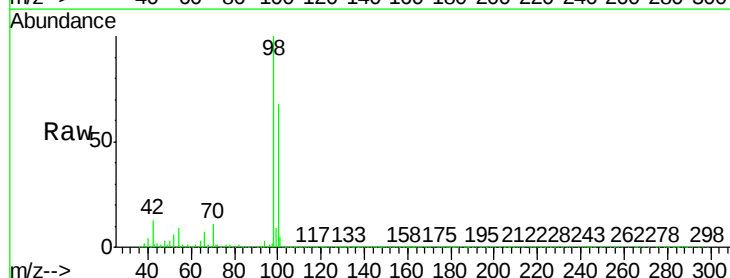
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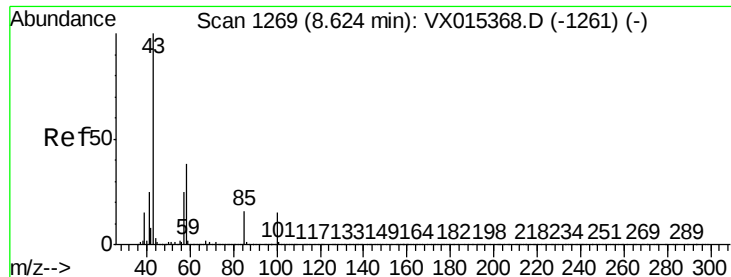
MMDadoda
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#50
Toluene-d8
Concen: 52.617 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1905649		
100	67.8		53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 271.681 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4798624

Ion Ratio Lower Upper

43 100

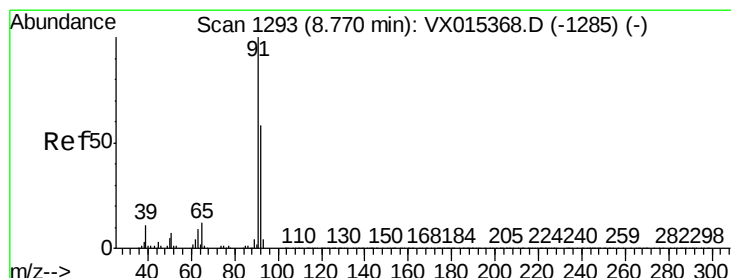
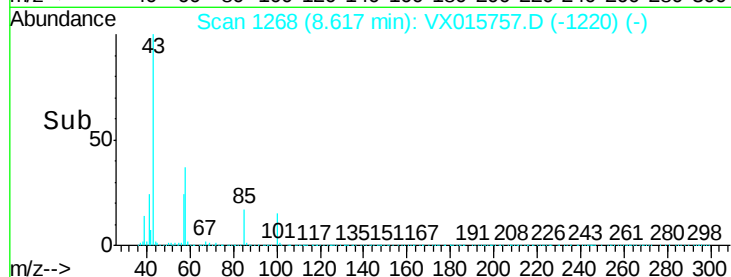
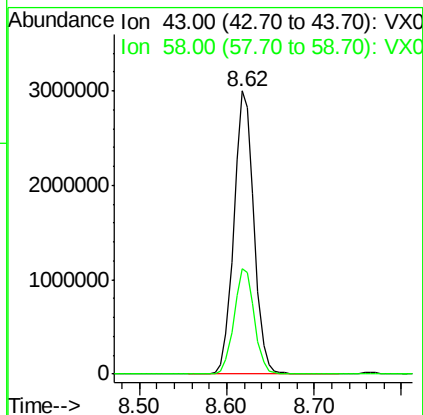
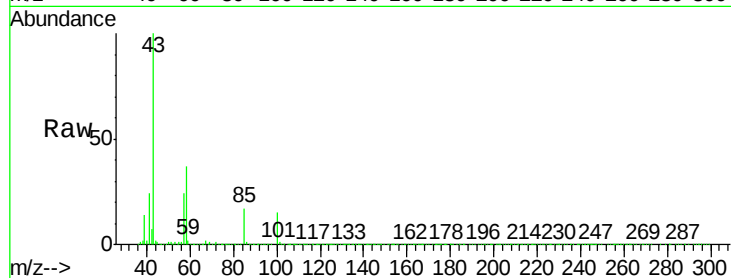
58 37.7 29.7 44.5

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#52

Toluene

Concen: 58.150 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015757.D

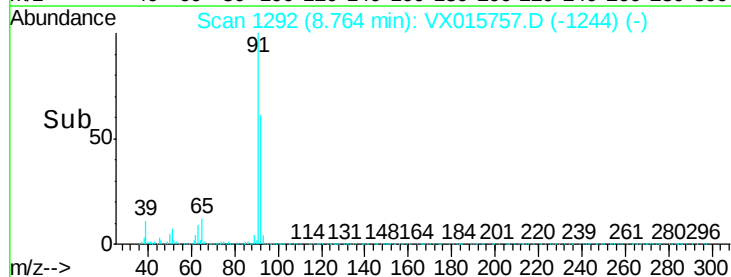
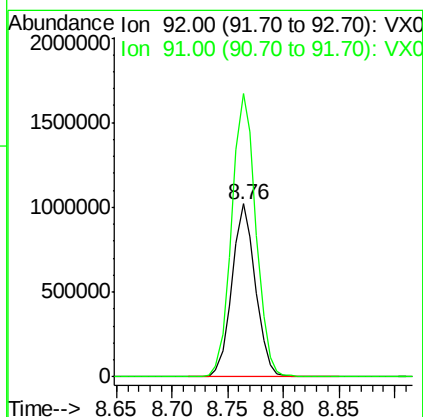
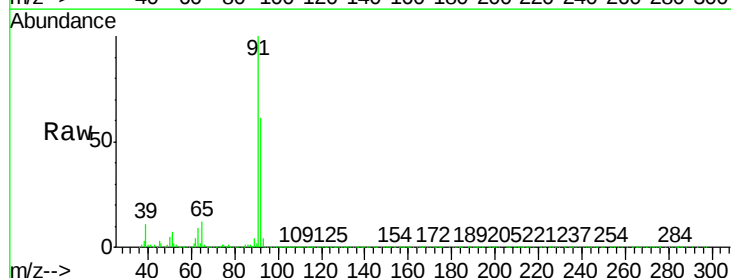
Acq: 20 Apr 2020 11:05

Tgt Ion: 92 Resp: 1489059

Ion Ratio Lower Upper

92 100

91 168.8 136.6 205.0





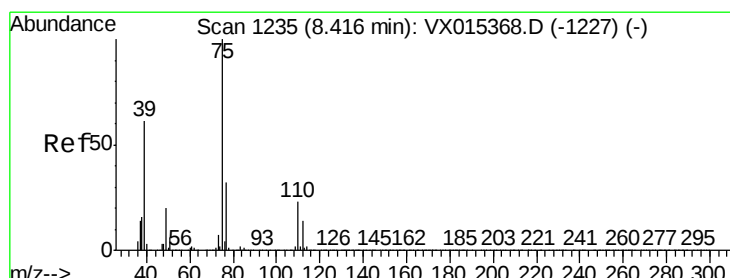
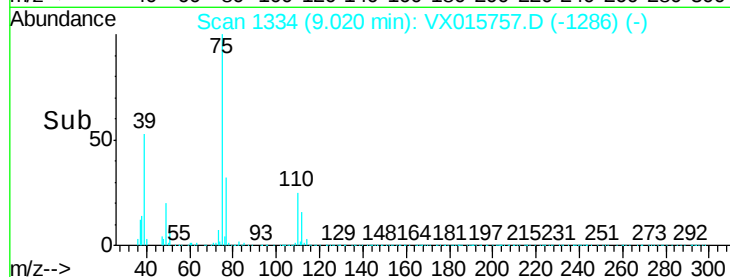
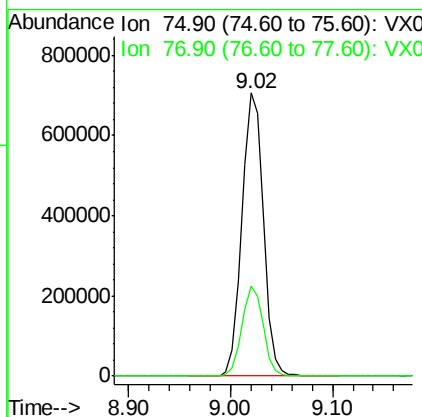
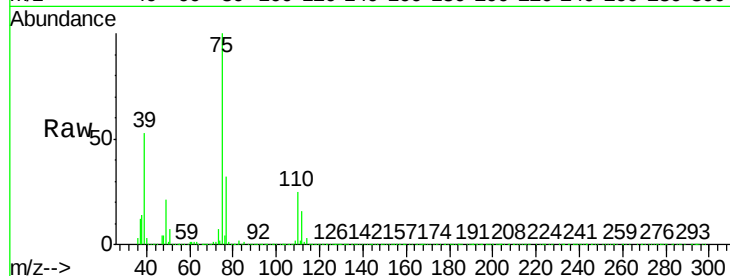
#53
t-1,3-Dichloropropene
Concen: 54.879 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 1022193
Ion Ratio Lower Upper
75 100
77 31.8 24.1 36.1

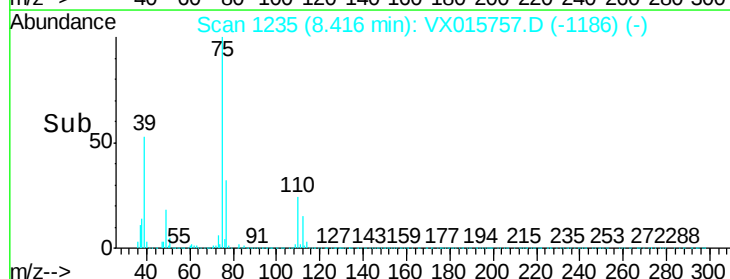
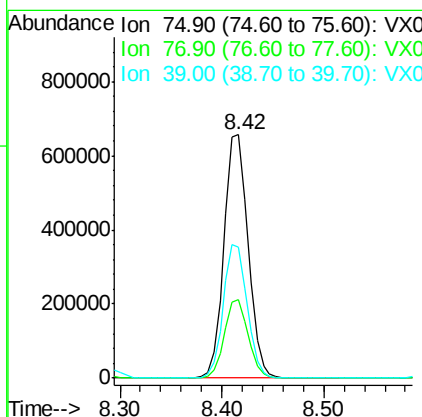
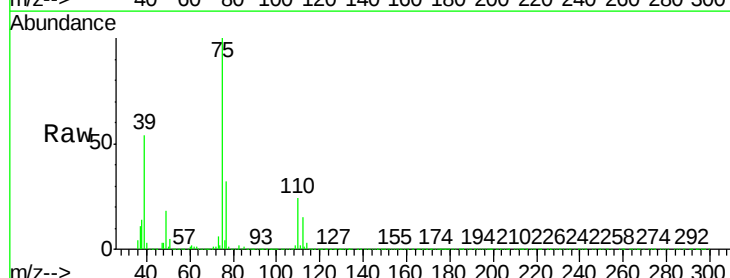
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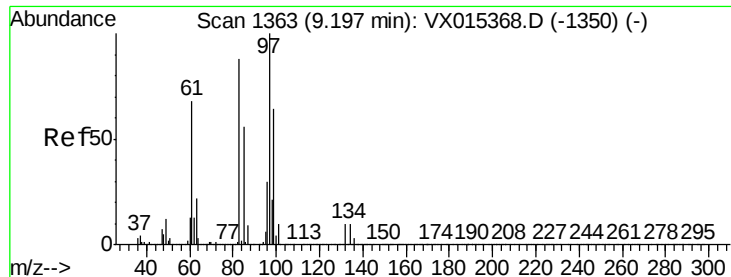
MMDadoda
4/21/2020 12:12:29 PM



#54
cis-1,3-Dichloropropene
Concen: 56.583 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion: 75 Resp: 1073611
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
39 53.5 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 57.790 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

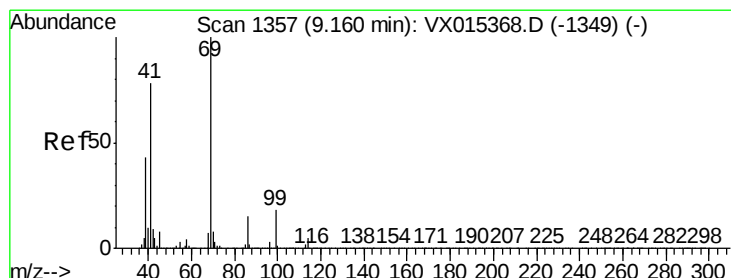
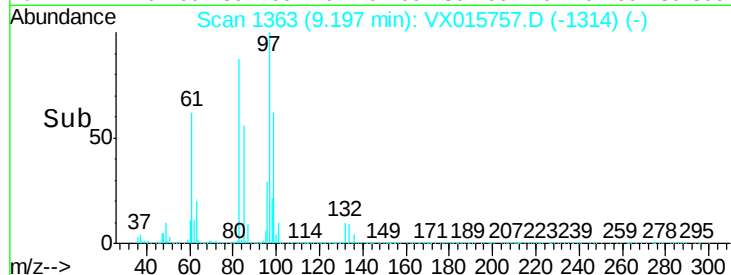
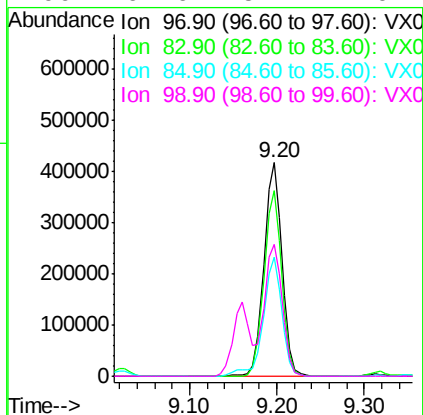
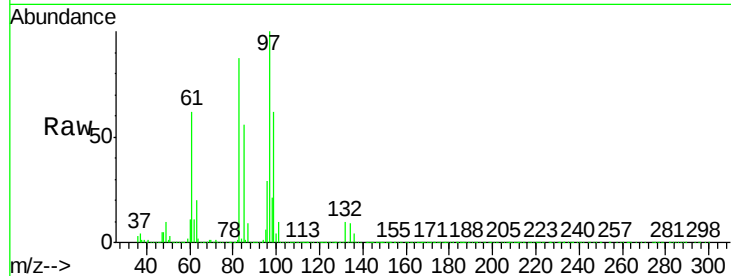
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	606304
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.4
85	55.9	44.7	67.1
99	61.6	51.1	76.7

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#56

Ethyl methacrylate

Concen: 56.255 ug/l

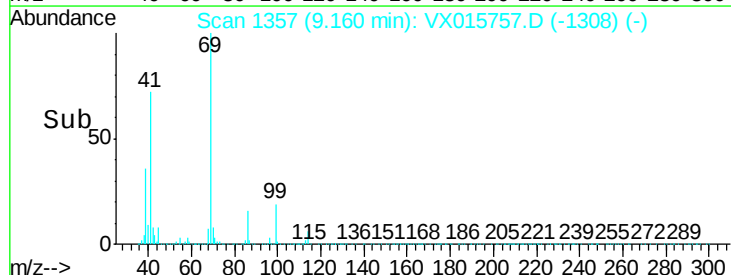
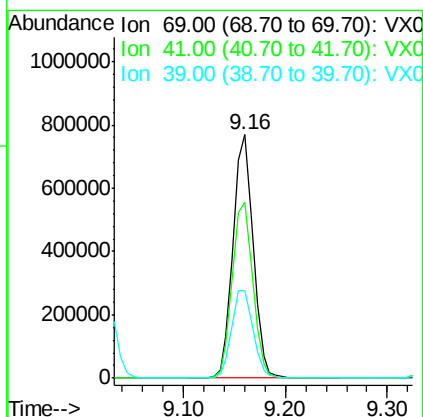
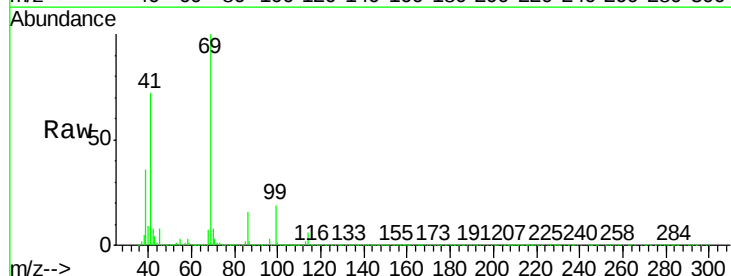
RT: 9.16 min Scan# 1357

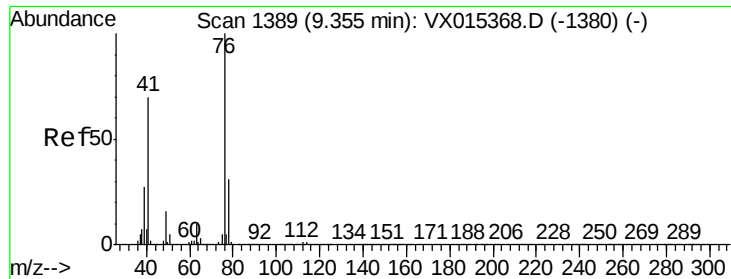
Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion:	69	Resp:	1040143
Ion	Ratio	Lower	Upper
69	100		
41	74.0	61.6	92.4
39	38.4	34.0	51.0





#57

1,3-Dichloropropane

Concen: 55.368 ug/l

RT: 9.35 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1046582

Ion Ratio Lower Upper

76 100

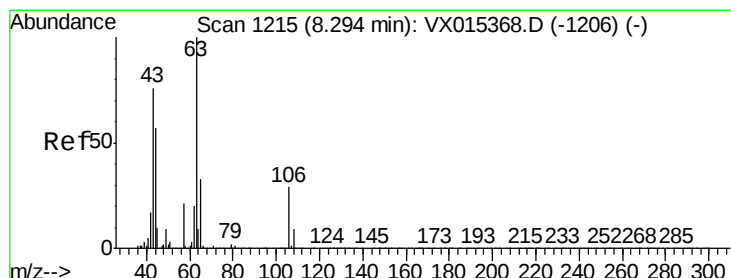
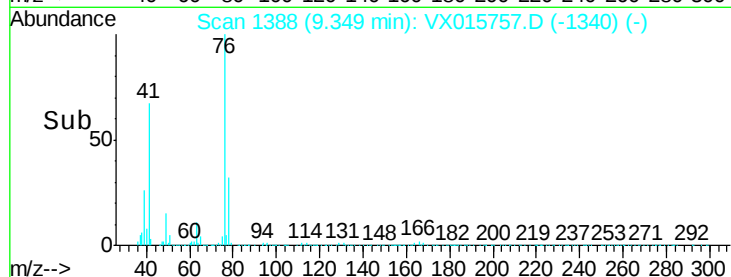
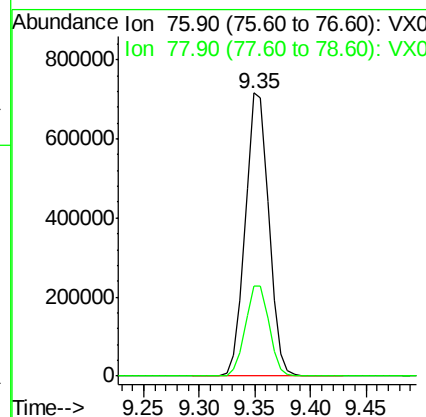
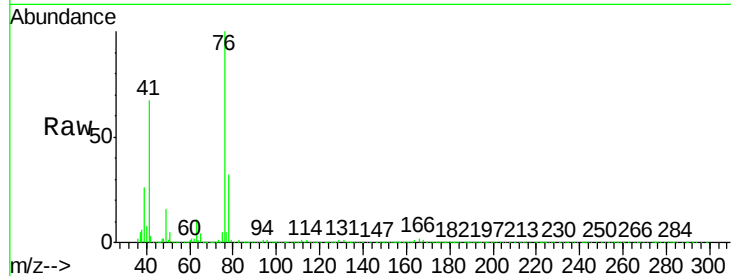
78 32.2 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 220.732 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015757.D

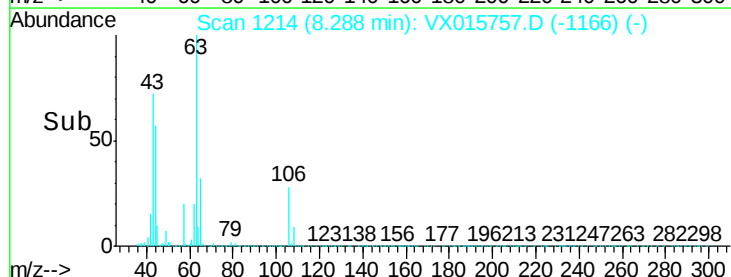
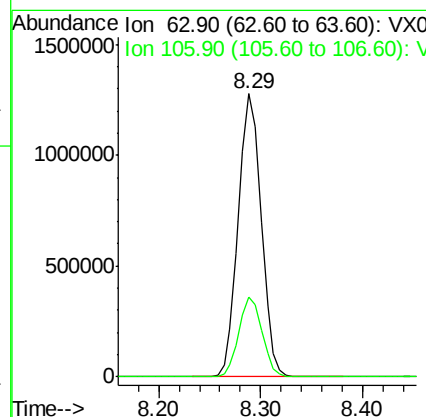
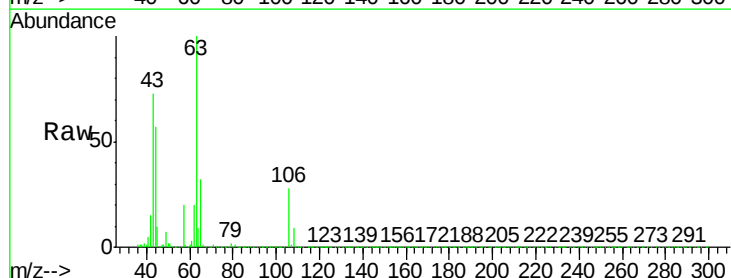
Acq: 20 Apr 2020 11:05

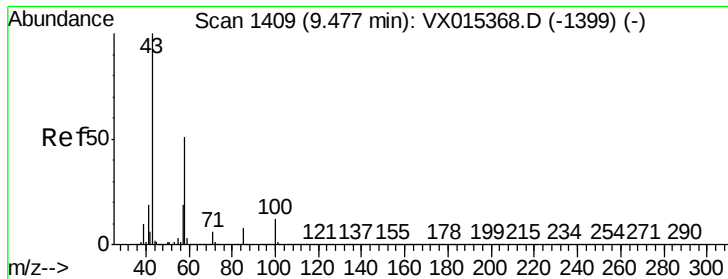
Tgt Ion: 63 Resp: 1985167

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1





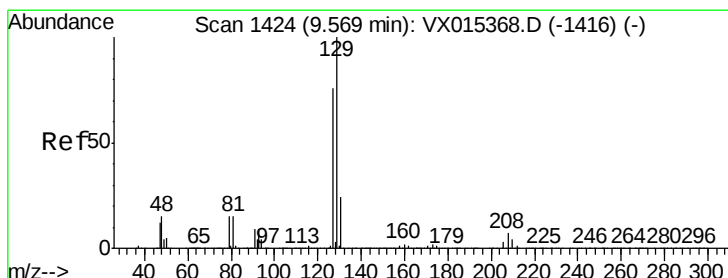
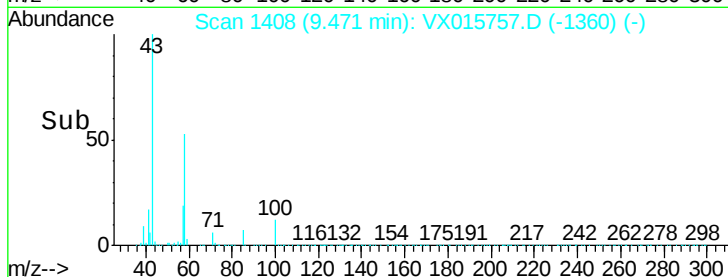
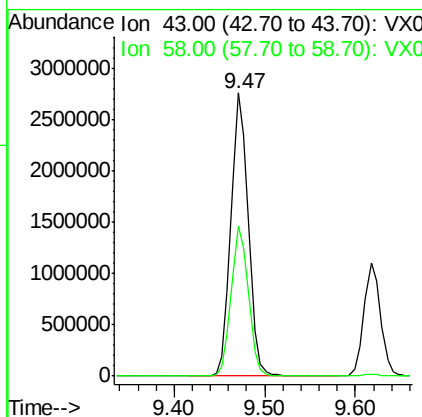
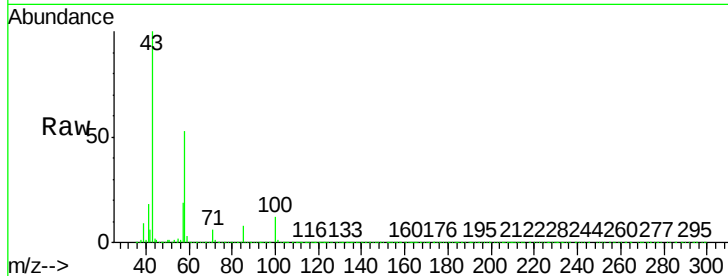
#59
2-Hexanone
Concen: 275.525 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3674116
Ion Ratio Lower Upper
43 100
58 53.0 25.6 76.6

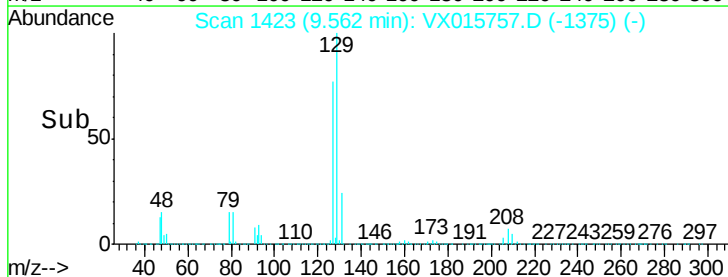
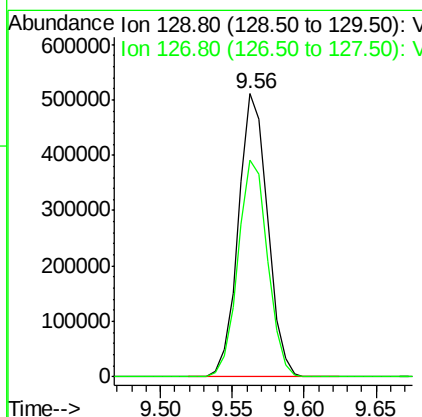
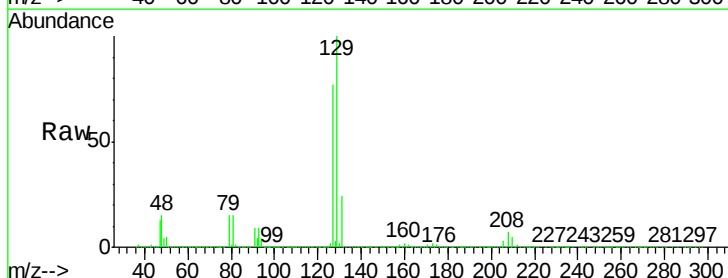
Manual Integrations
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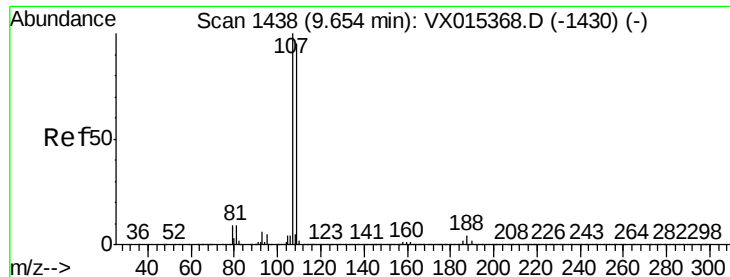
MMDadoda
4/21/2020 12:12:29 PM



#60
Dibromochloromethane
Concen: 57.032 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion: 129 Resp: 718990
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 56.448 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 643945

Ion Ratio Lower Upper

107 100

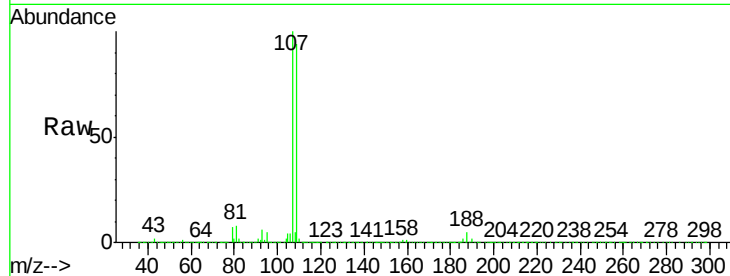
109 94.5 74.8 112.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

500000

400000

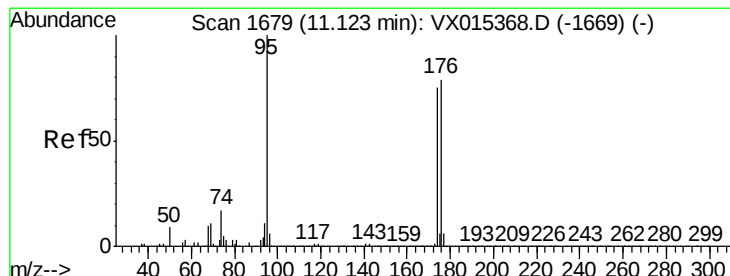
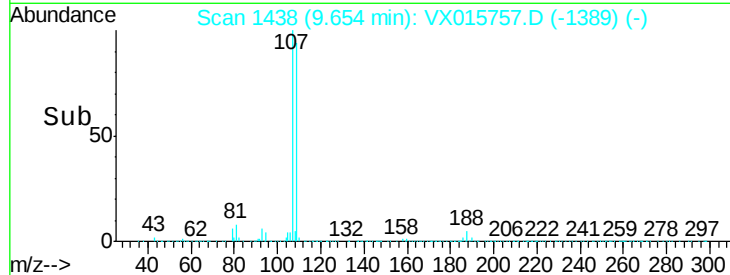
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.117 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

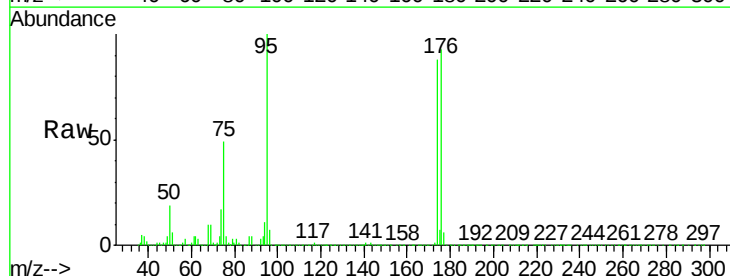
Tgt Ion: 95 Resp: 767110

Ion Ratio Lower Upper

95 100

174 86.4 0.0 158.6

176 85.1 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

800000

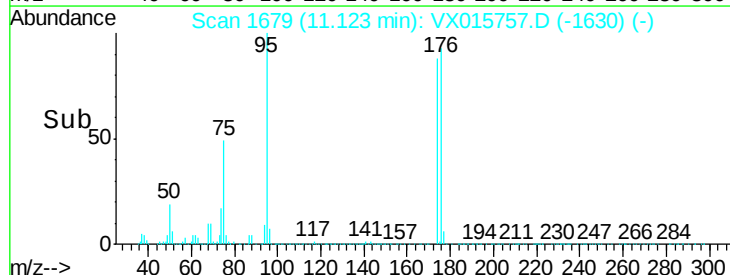
600000

400000

200000

0

Time--> 11.00 11.10 11.20





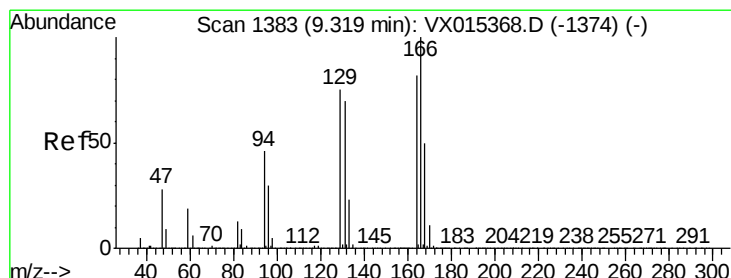
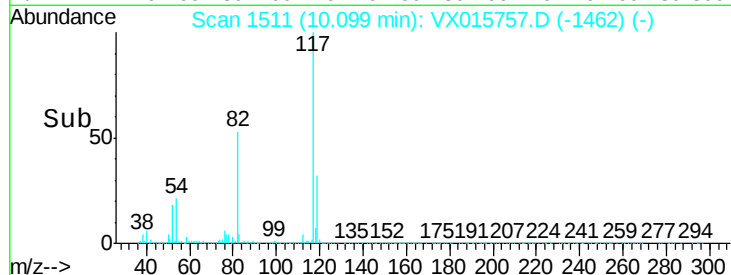
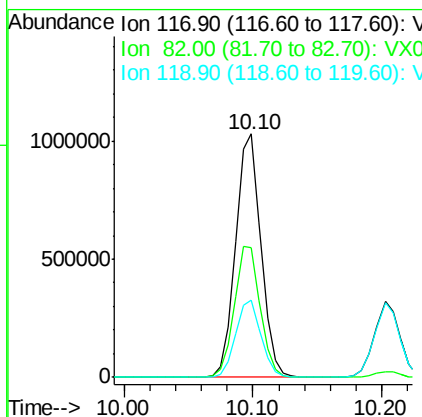
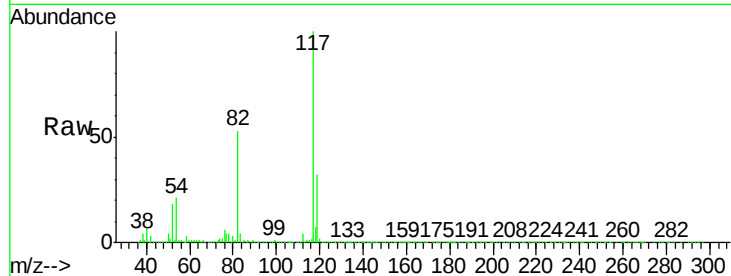
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	47.8	71.8
119	31.8	26.8	40.2

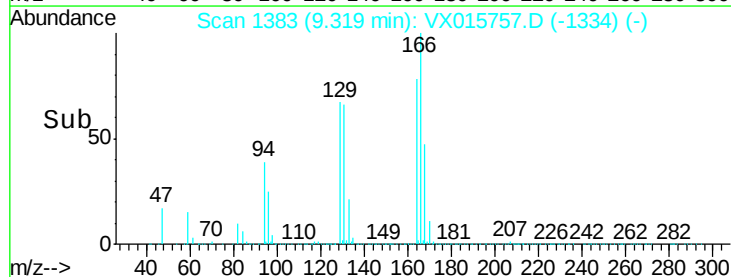
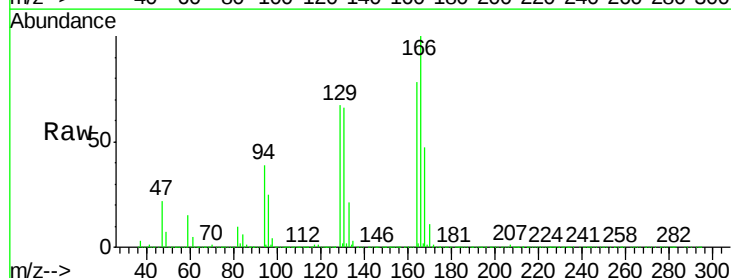
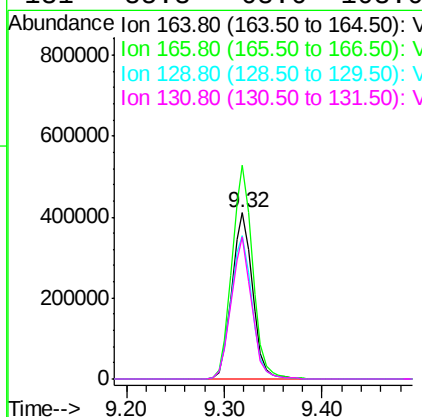
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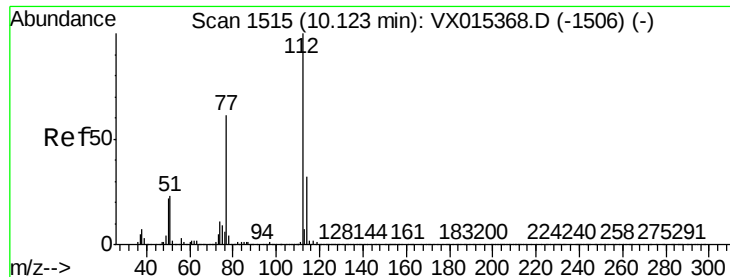
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#64
Tetrachloroethene
Concen: 57.173 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	97.8	146.6
129	86.7	73.0	109.4
131	85.3	68.6	103.0





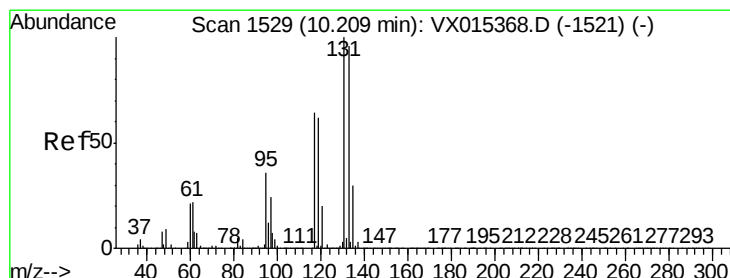
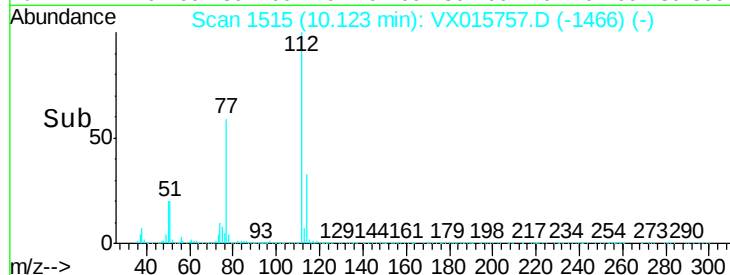
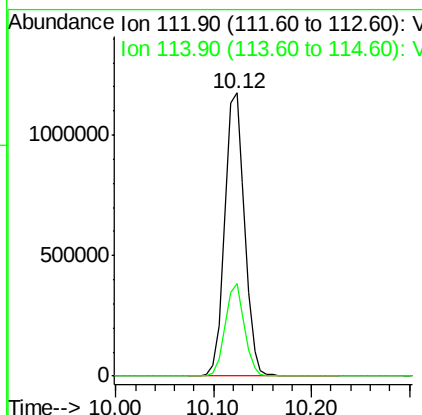
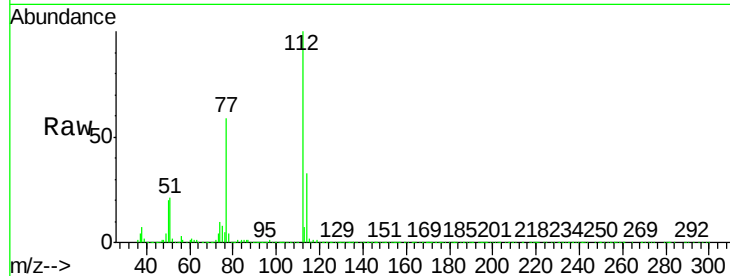
#65
Chlorobenzene
Concen: 58.529 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1641534
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

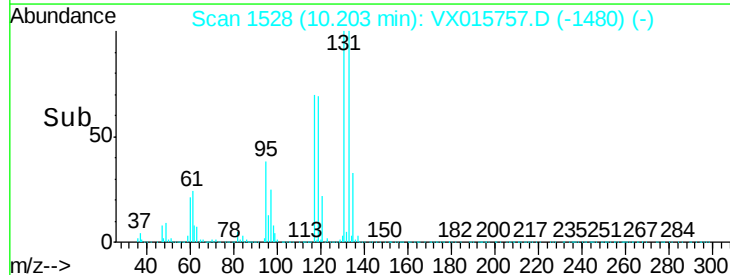
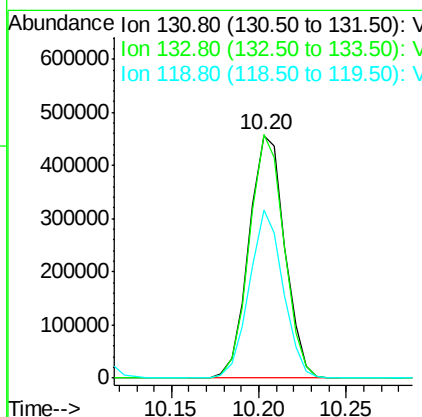
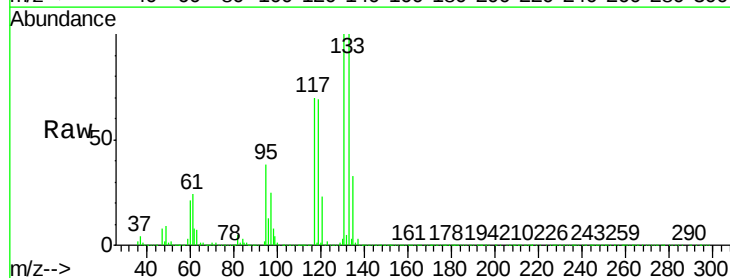
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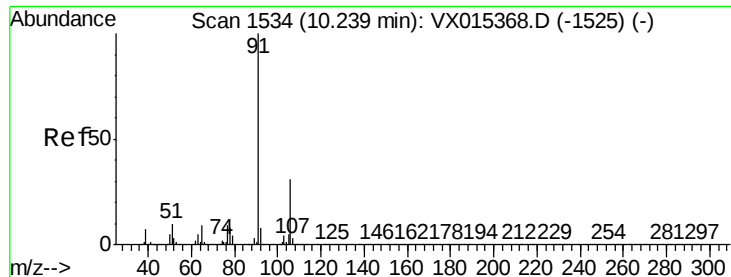
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.995 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion:131 Resp: 649827
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.9
119 65.3 31.1 93.3





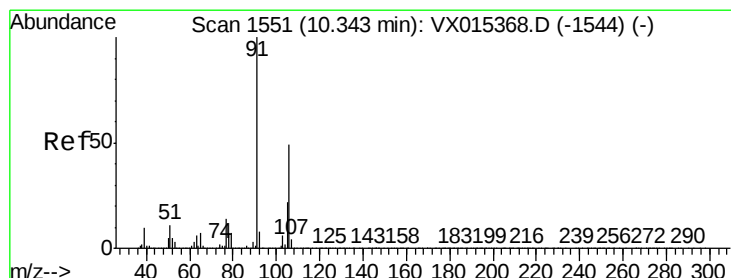
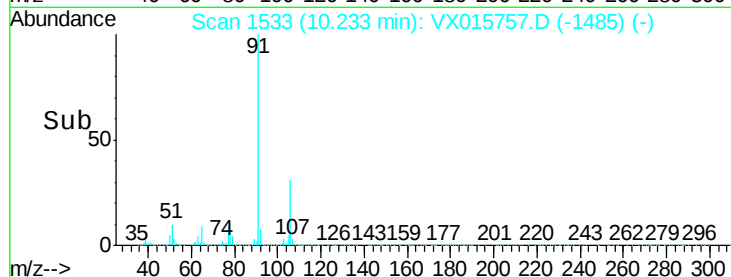
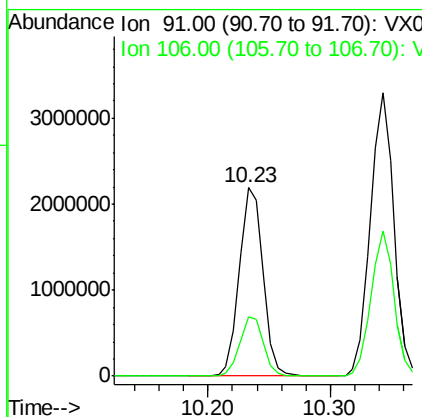
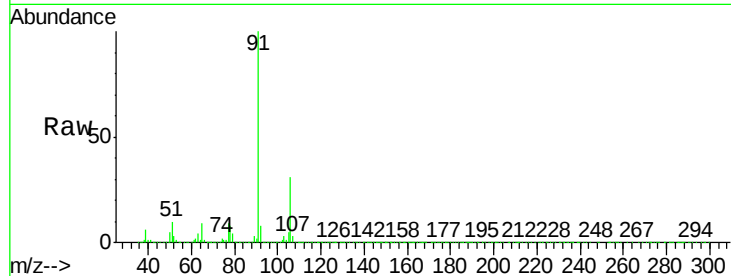
#67
Ethyl Benzene
Concen: 58.638 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2916854
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2

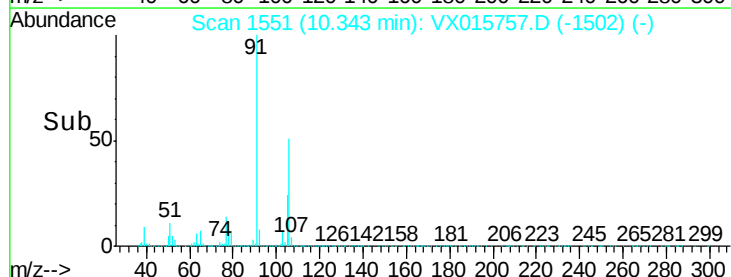
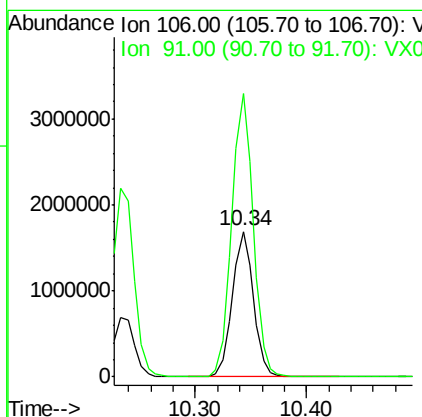
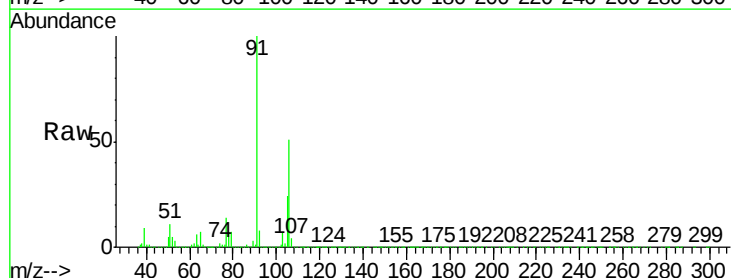
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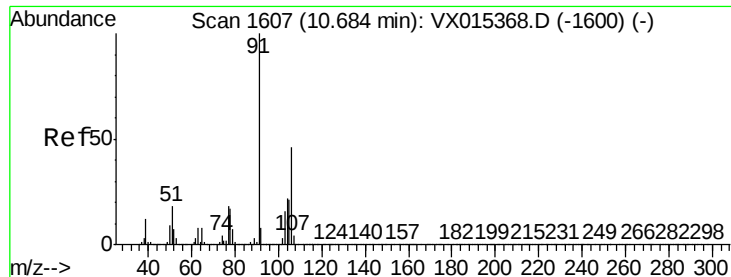
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#68
m/p-Xylenes
Concen: 119.488 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion: 106 Resp: 2213260
Ion Ratio Lower Upper
106 100
91 198.8 163.4 245.0





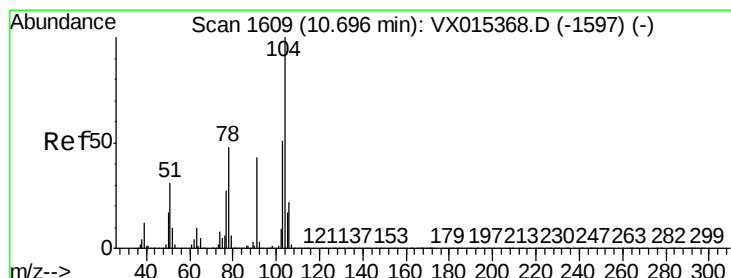
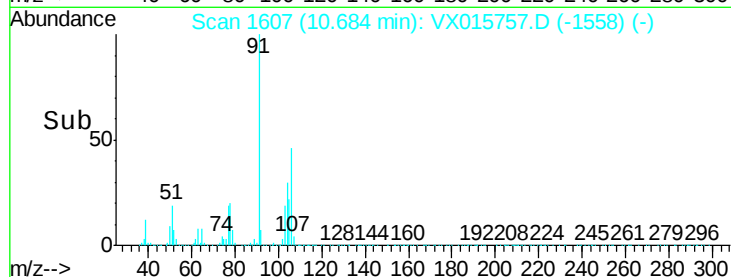
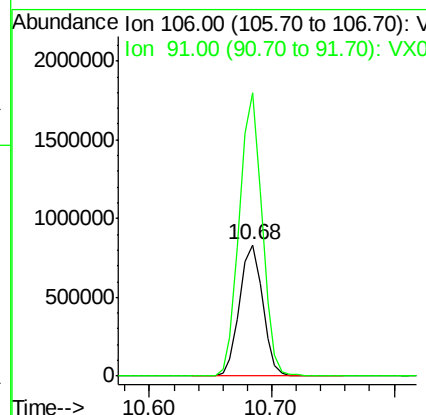
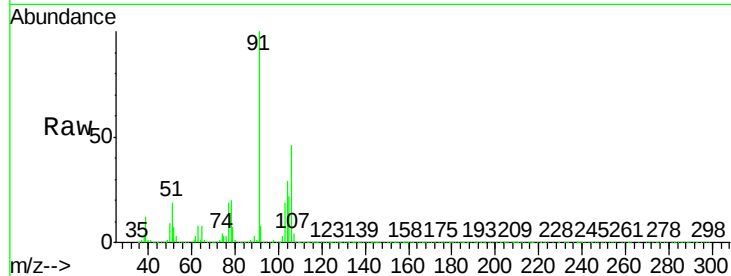
#69
o-Xylene
Concen: 59.473 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1088571
Ion Ratio Lower Upper
106 100
91 211.2 107.1 321.3

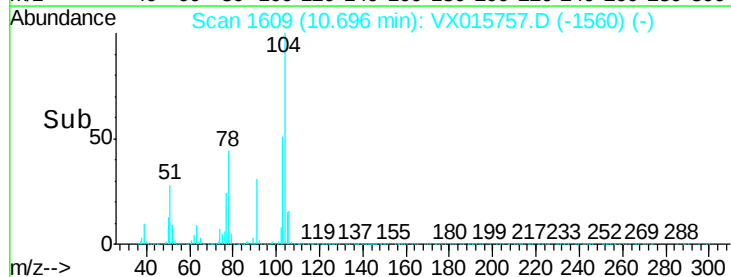
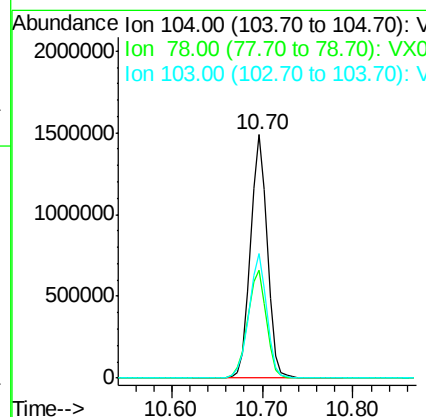
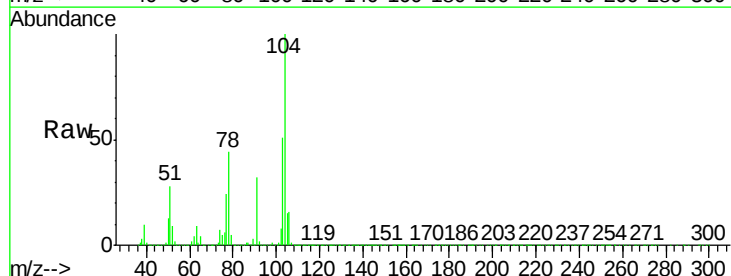
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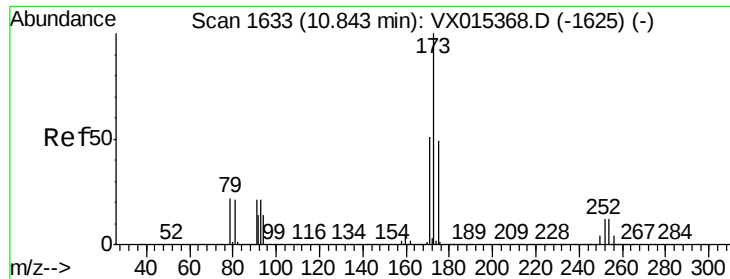
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#70
Styrene
Concen: 59.320 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion:104 Resp: 1910583
Ion Ratio Lower Upper
104 100
78 49.6 42.0 63.0
103 54.4 43.4 65.0





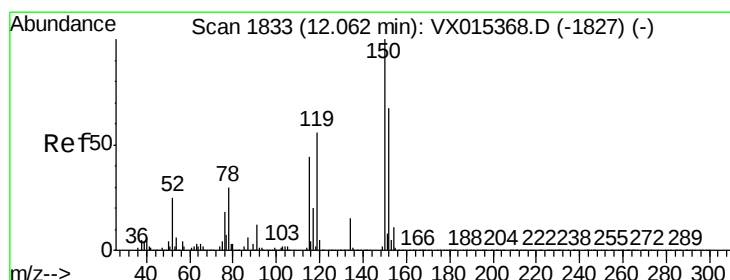
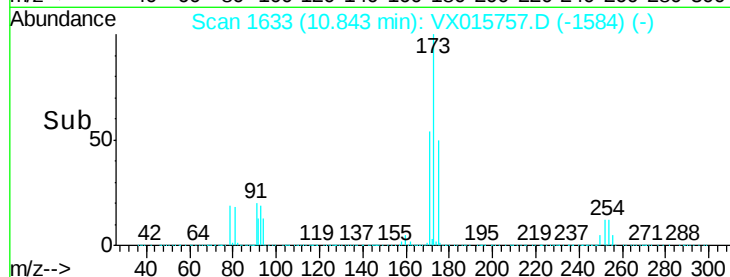
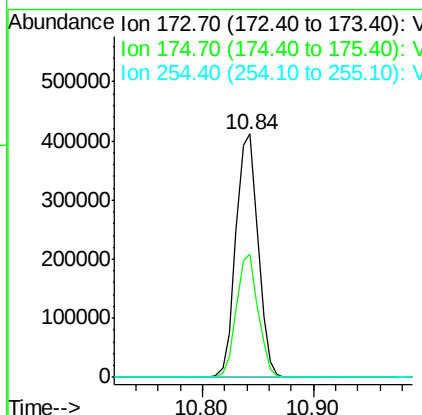
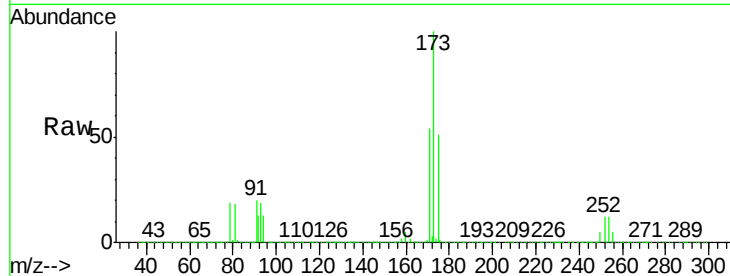
#71
Bromoform
Concen: 55.699 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	23.9	71.7
254	0.1	0.1	0.1

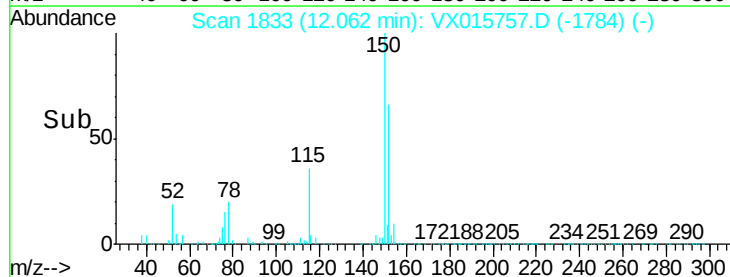
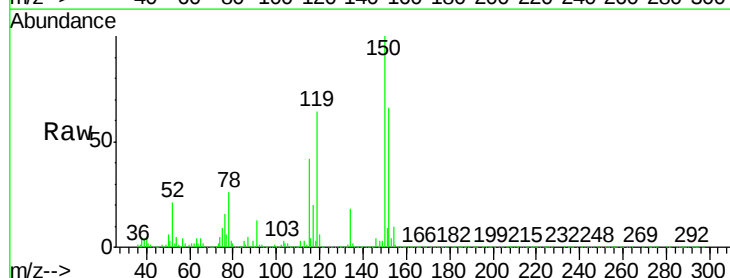
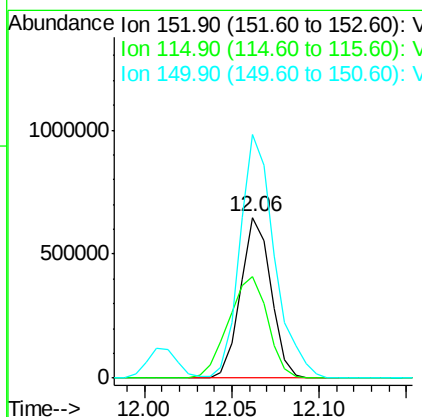
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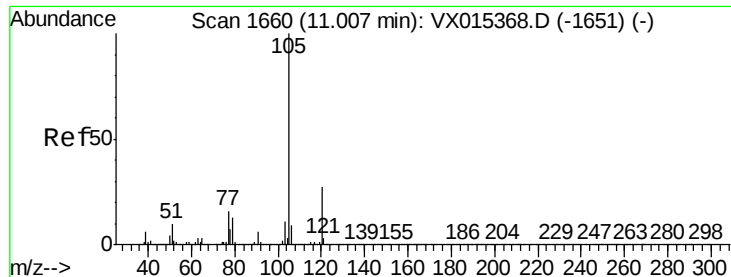
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.4	39.0	116.9
150	171.9	0.0	340.8





#73

Isopropylbenzene

Concen: 56.742 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2905888

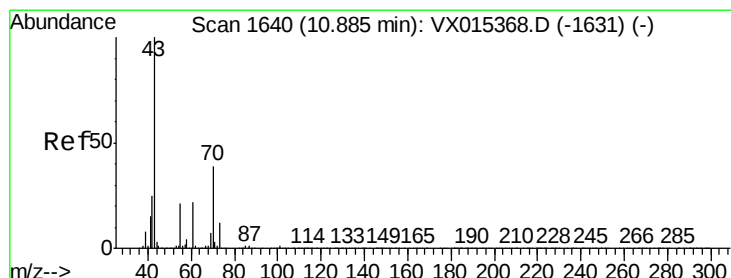
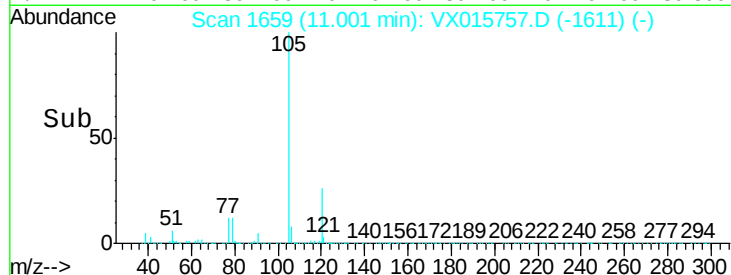
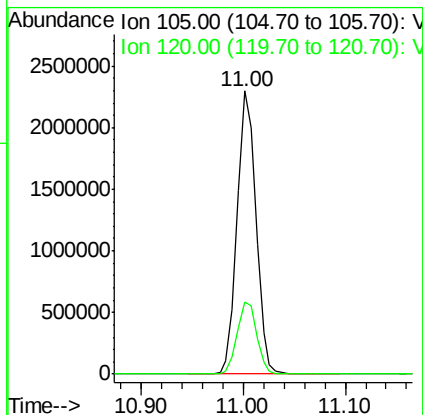
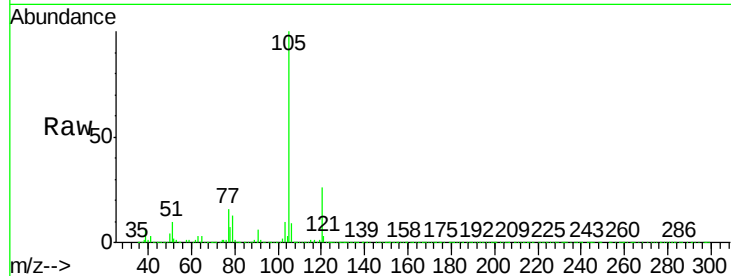
Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 50.746 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion: 43 Resp: 1445423

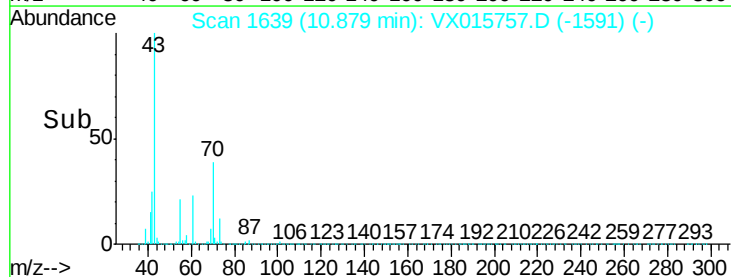
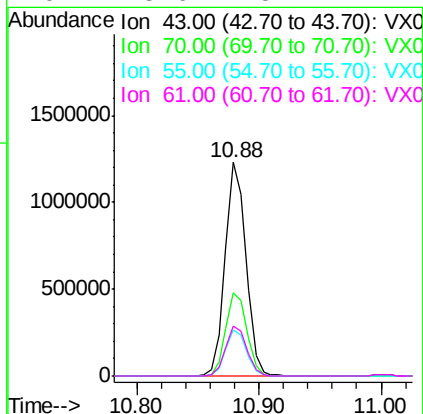
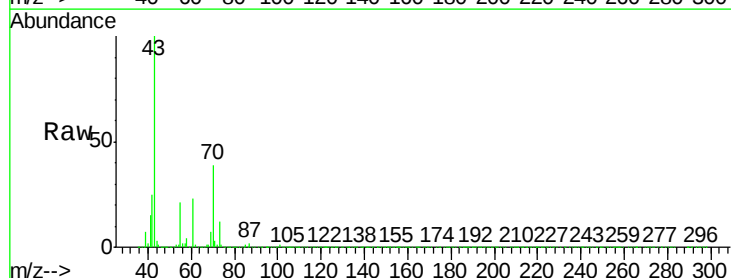
Ion Ratio Lower Upper

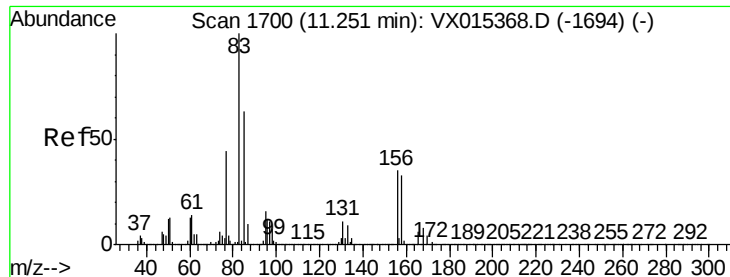
43 100

70 39.7 30.2 45.4

55 21.7 16.8 25.2

61 23.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.323 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

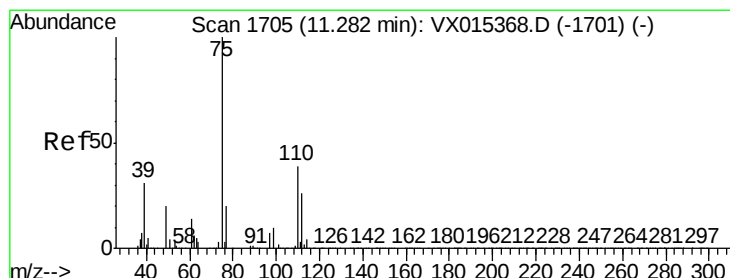
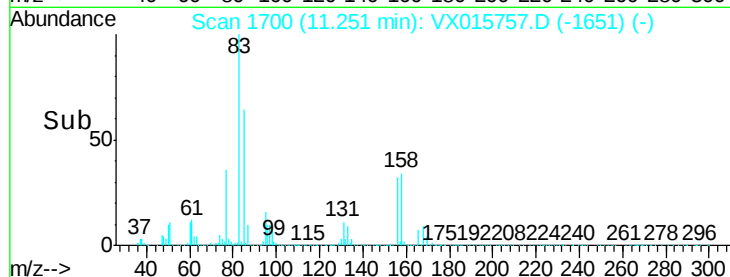
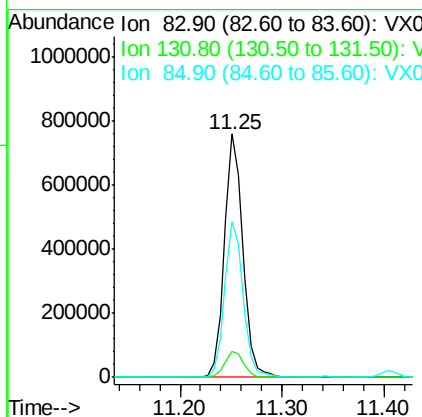
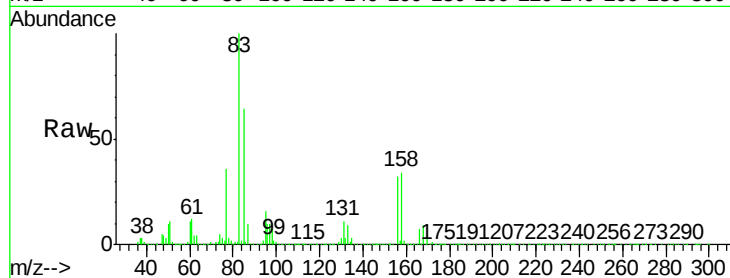
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	954623
Ion Ratio		Lower	Upper
83	100		
131	11.0	5.3	16.1
85	64.5	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 53.391 ug/l m

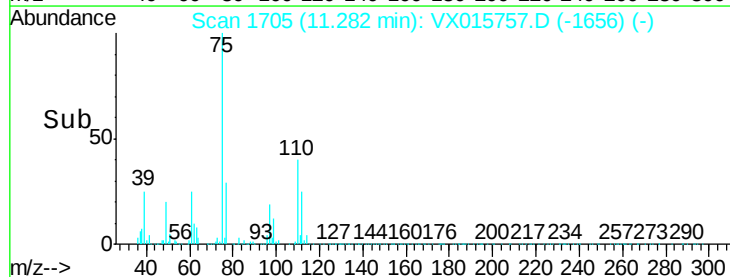
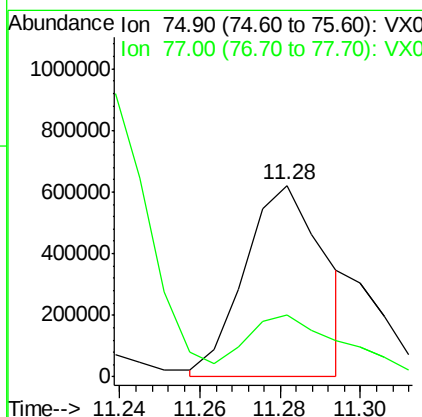
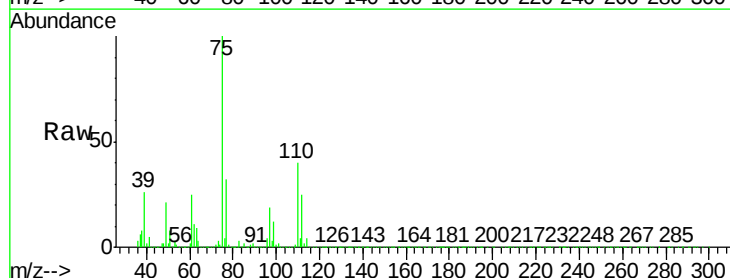
RT: 11.28 min Scan# 1705

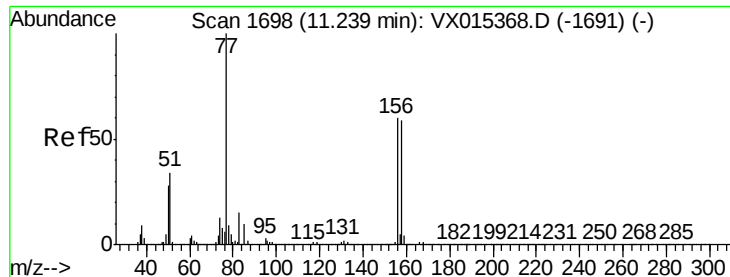
Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion:	75	Resp:	858157
Ion Ratio		Lower	Upper
75	100		
77	39.8	21.2	63.6





#77

Bromobenzene

Concen: 56.386 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

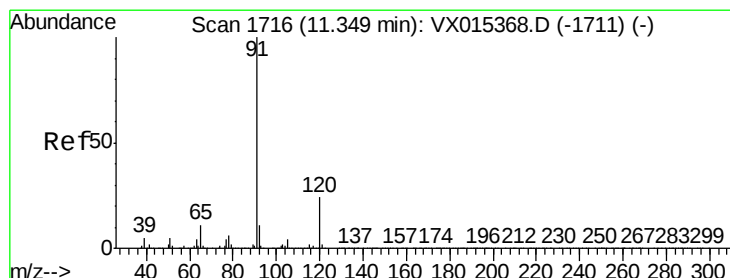
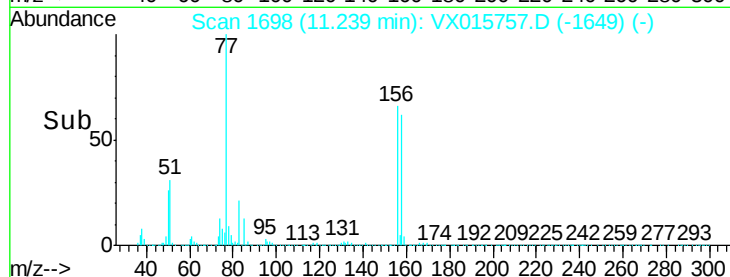
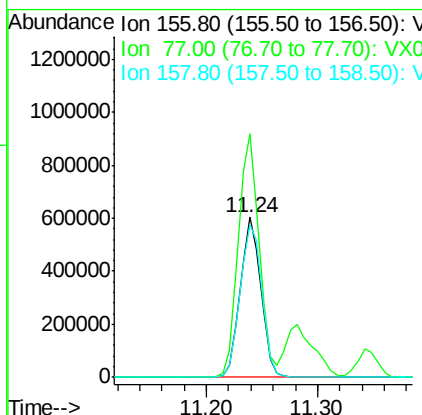
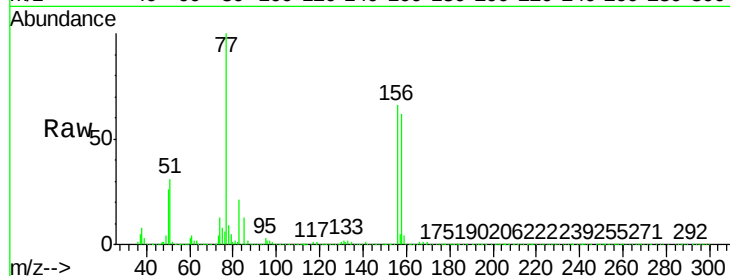
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	770253
Ion Ratio	Lower	Upper	
156	100		
77	154.6	82.2	246.5
158	100.2	49.3	147.9

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#78

n-propylbenzene

Concen: 56.714 ug/l

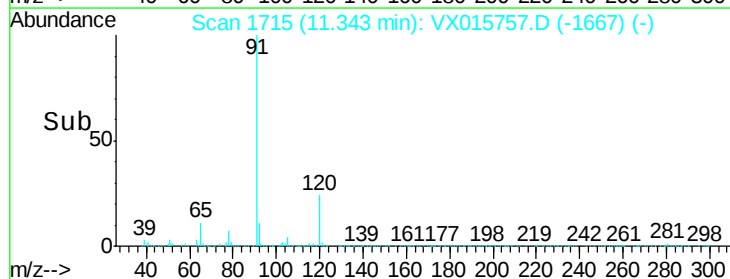
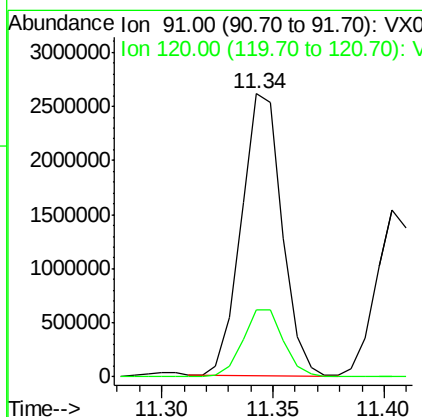
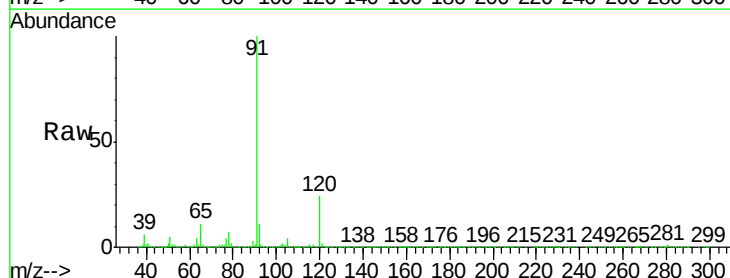
RT: 11.34 min Scan# 1715

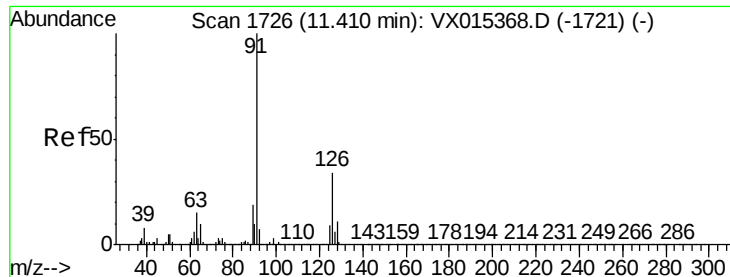
Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion:	91	Resp:	3321167
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.7	35.0





#79

2-Chlorotoluene

Concen: 55.365 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1987222

Ion Ratio Lower Upper

91 100

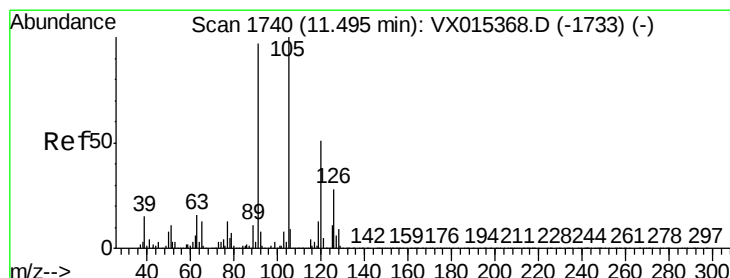
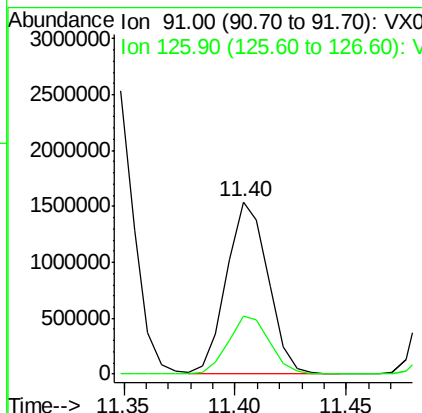
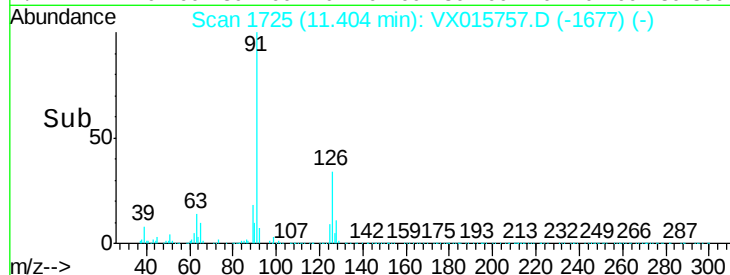
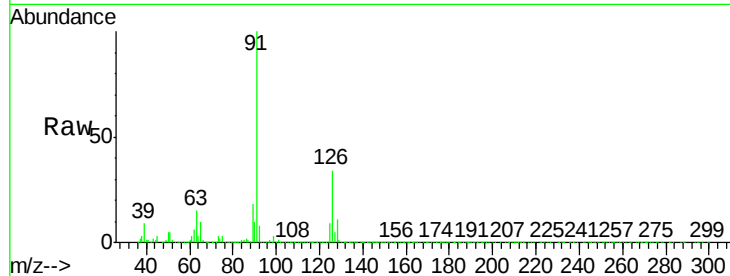
126 33.8 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 56.941 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015757.D

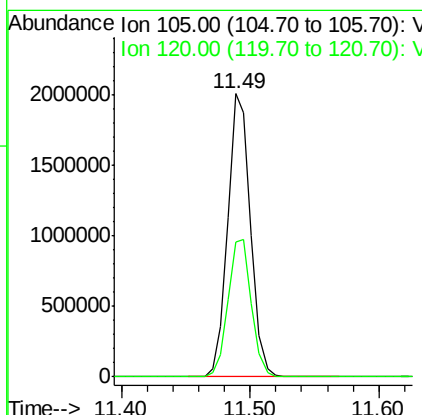
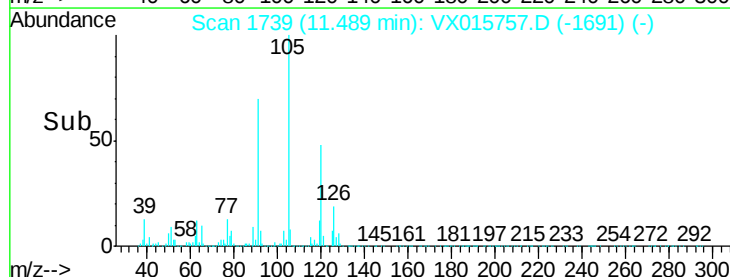
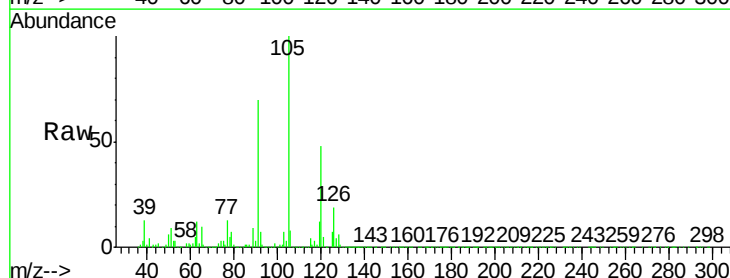
Acq: 20 Apr 2020 11:05

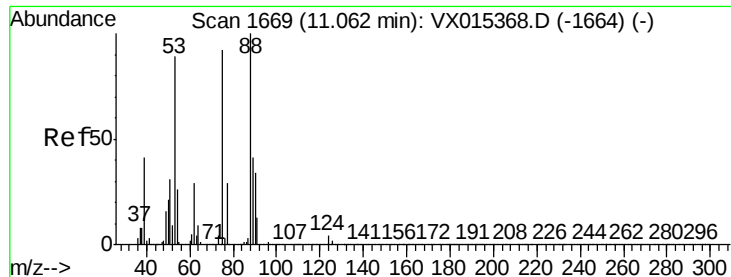
Tgt Ion: 105 Resp: 2490422

Ion Ratio Lower Upper

105 100

120 49.8 24.8 74.4





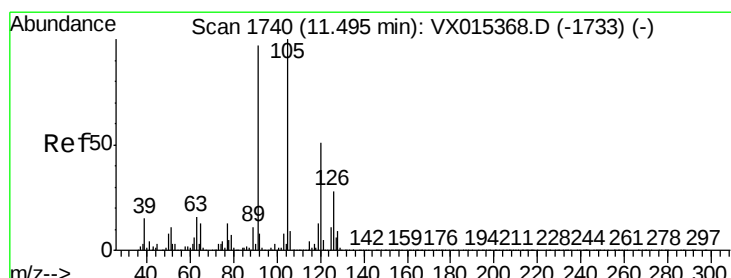
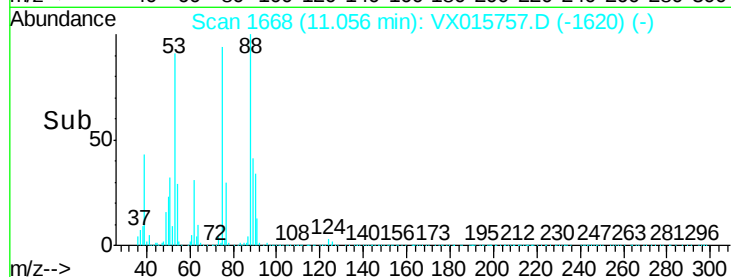
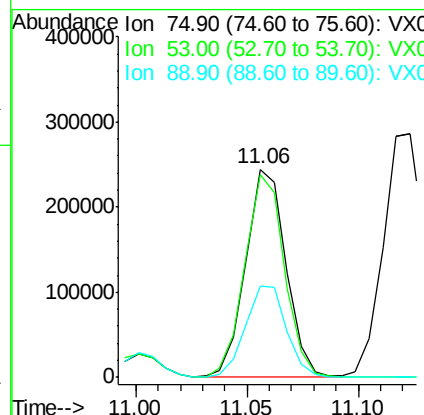
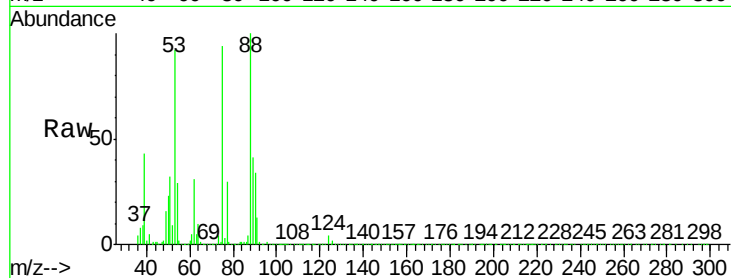
#81
trans-1,4-Dichloro-2-butene
Concen: 46.120 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	80.1	120.1
89	45.0	36.1	54.1

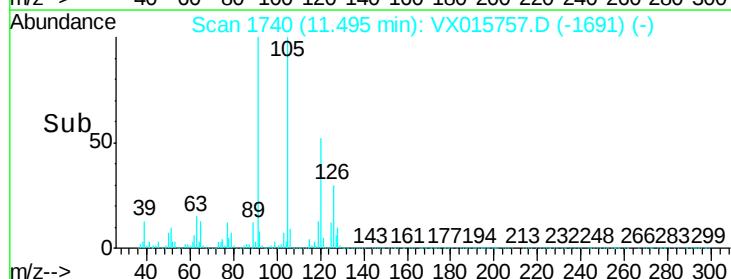
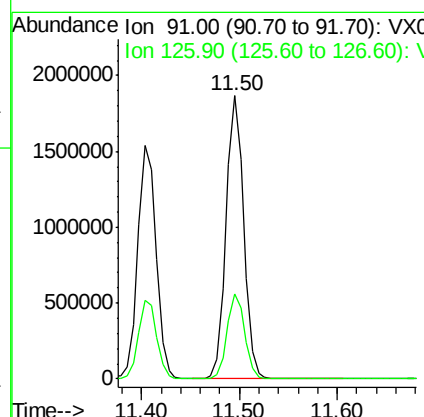
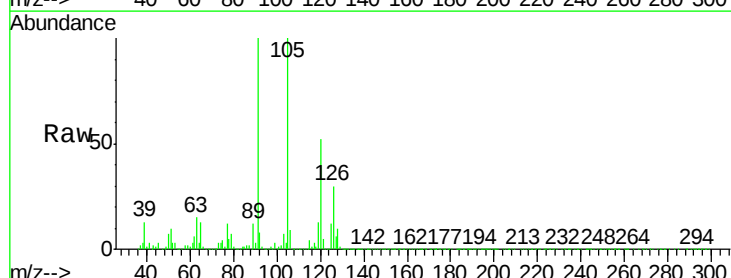
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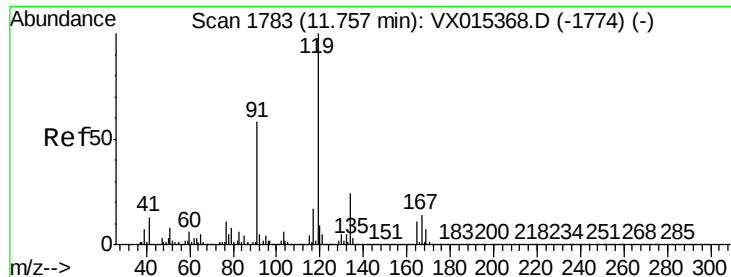
MMDadoda
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#82
4-Chlorotoluene
Concen: 55.374 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.7	44.1





#83

tert-Butylbenzene

Concen: 58.742 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

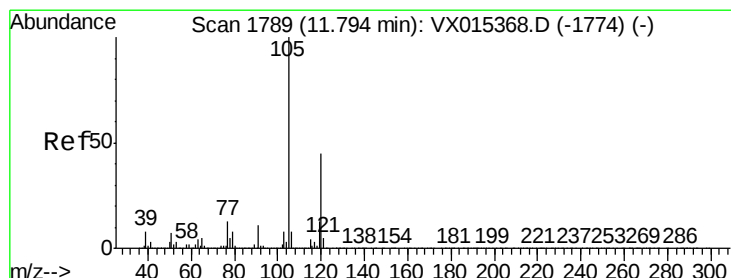
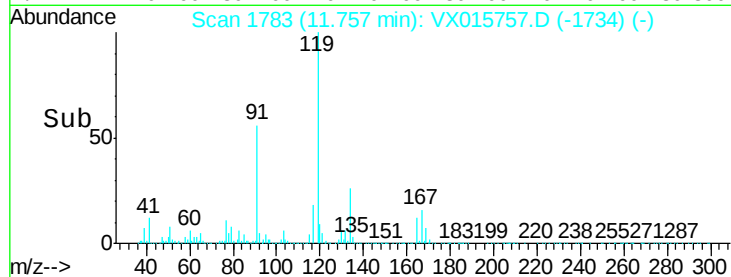
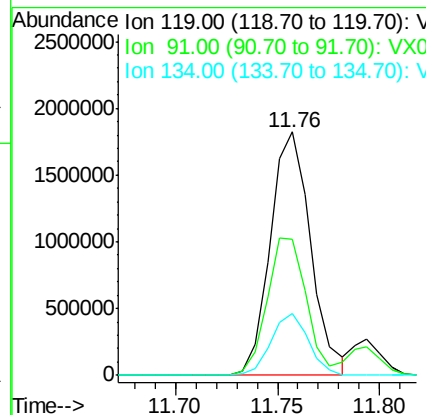
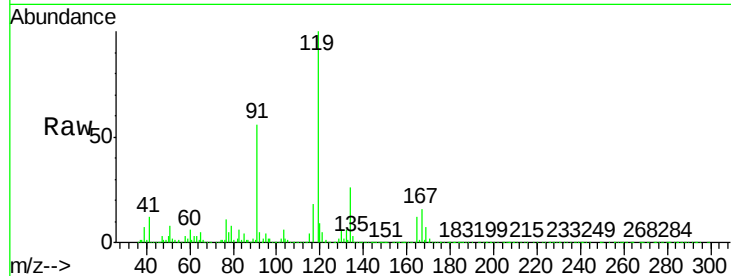
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	2509583
Ion	Ratio	Lower	Upper
119	100		
91	55.1	28.6	85.8
134	23.6	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 56.587 ug/l

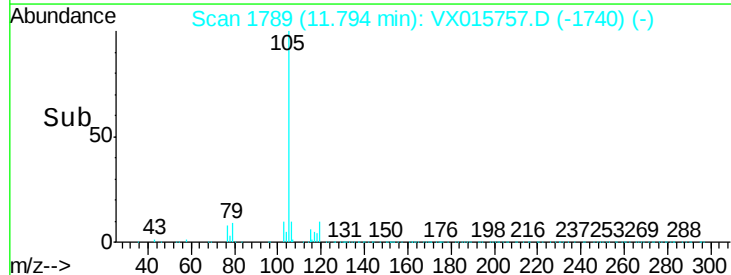
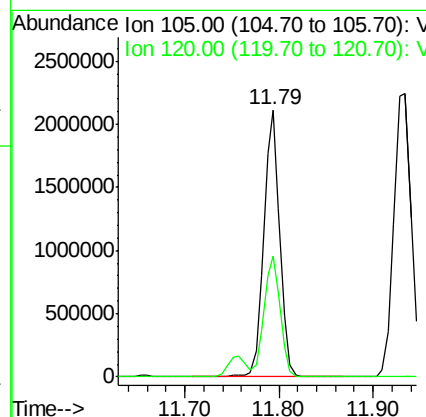
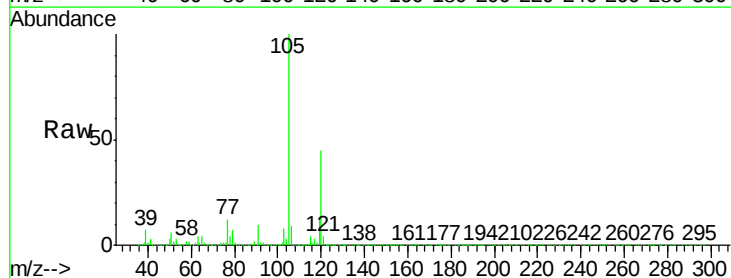
RT: 11.79 min Scan# 1789

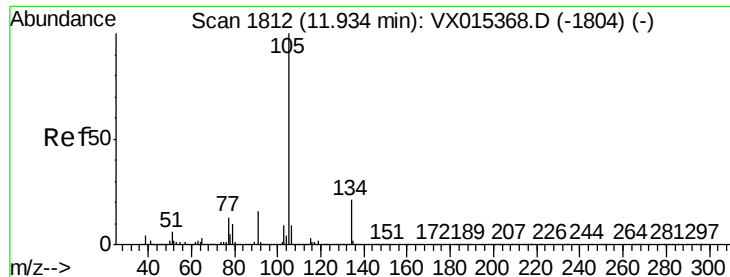
Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion:	105	Resp:	2522089
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 58.504 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2890662

Ion Ratio Lower Upper

105 100

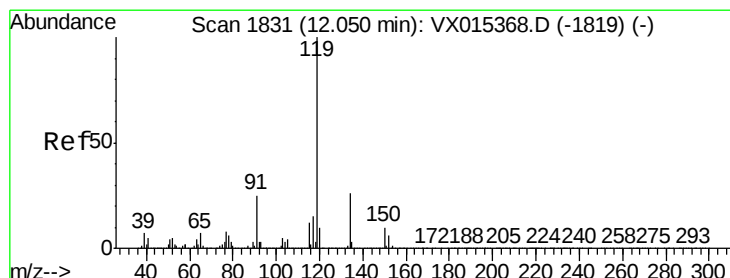
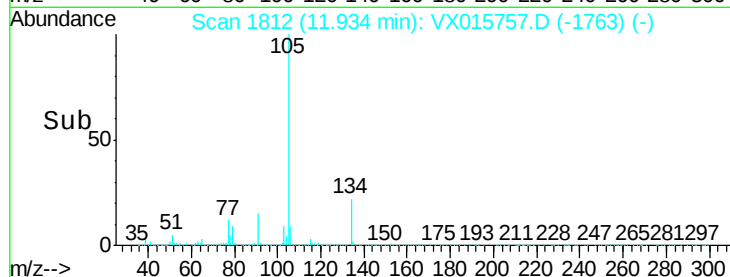
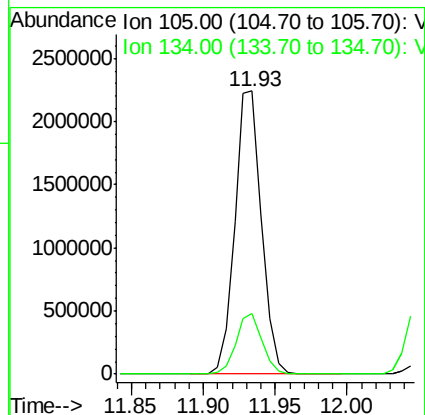
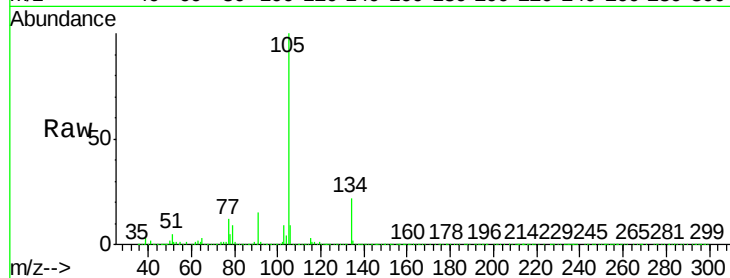
134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 59.885 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

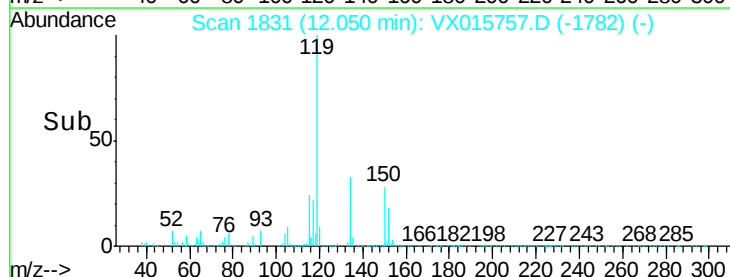
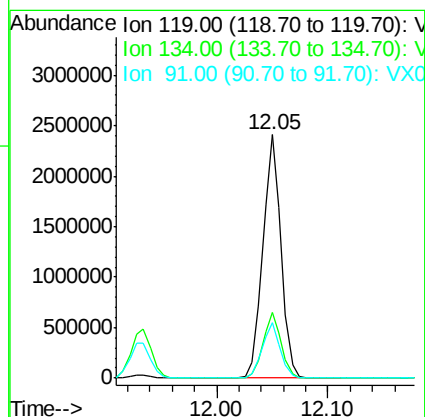
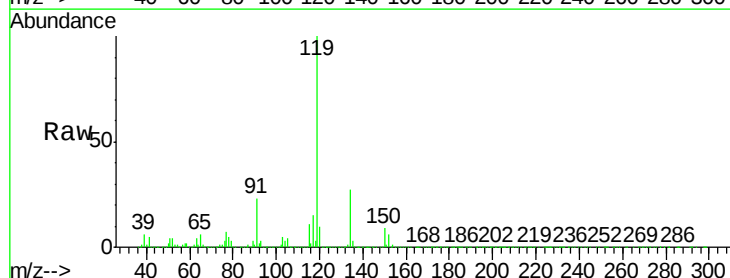
Tgt Ion:119 Resp: 2746885

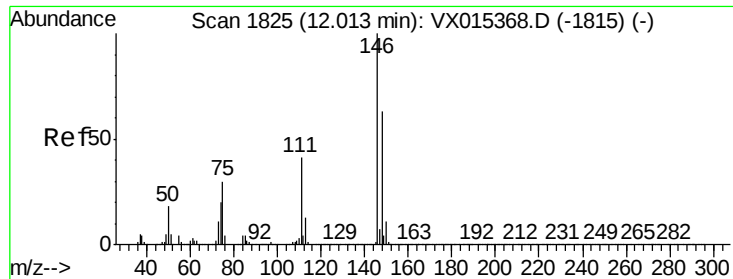
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 22.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 58.524 ug/l

RT: 12.01 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VX015757.D

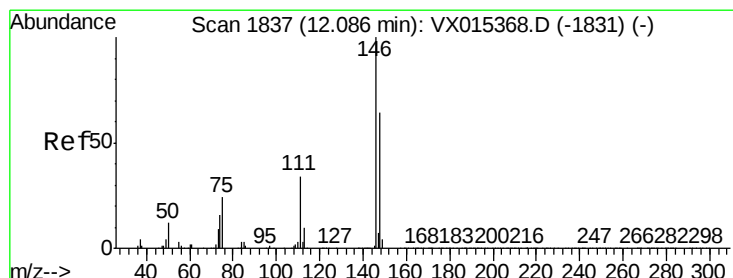
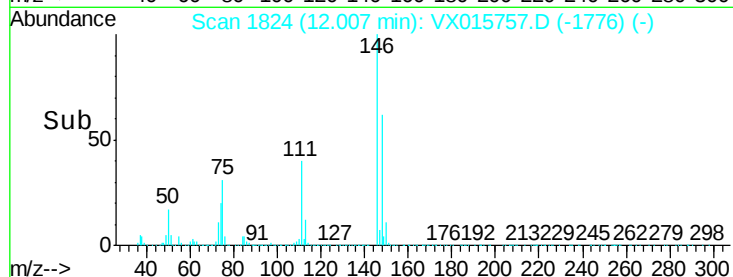
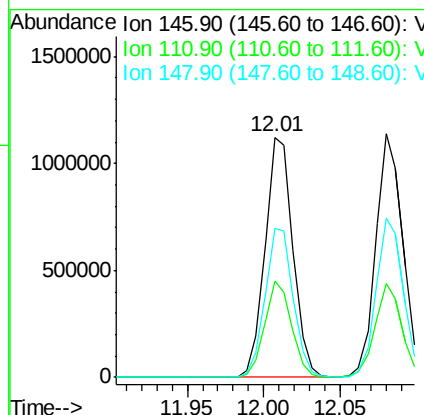
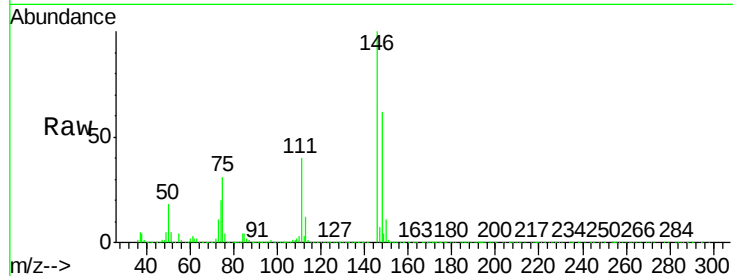
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.9
148	62.6	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 55.865 ug/l

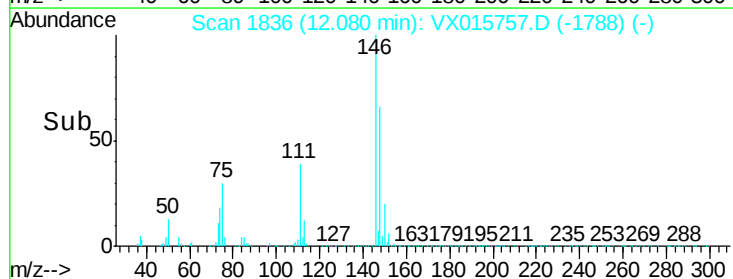
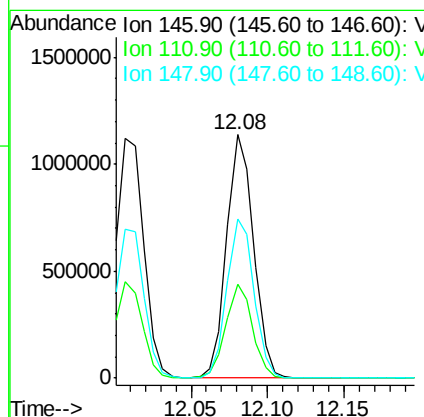
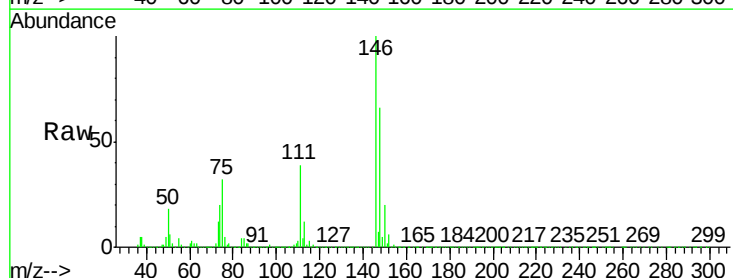
RT: 12.08 min Scan# 1836

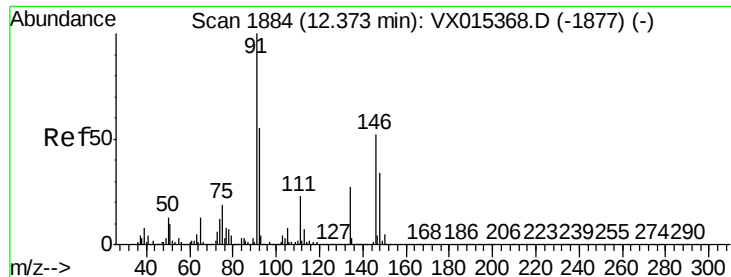
Delta R.T. -0.01 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	65.9	32.4	97.2





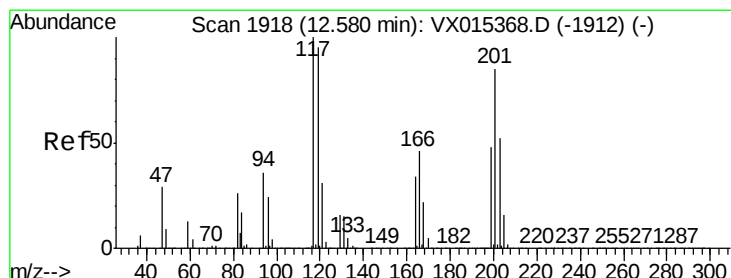
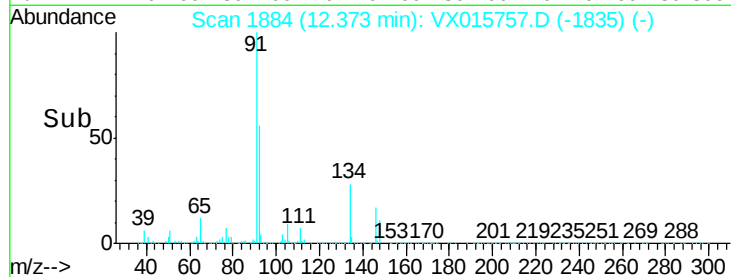
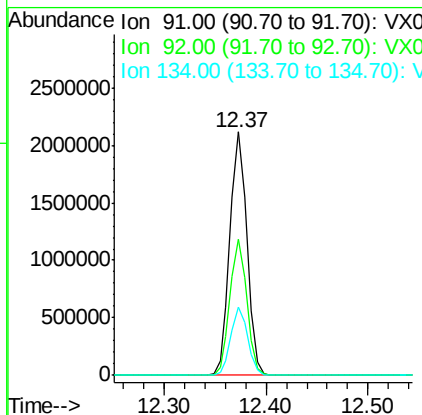
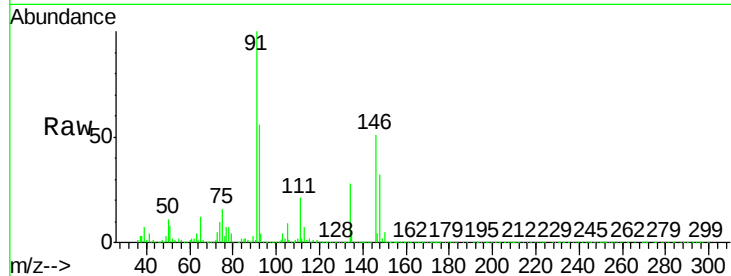
#89
n-Butylbenzene
Concen: 58.743 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.2	81.5
134	27.7	13.4	40.2

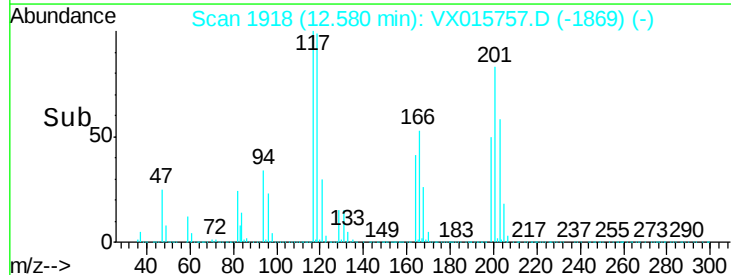
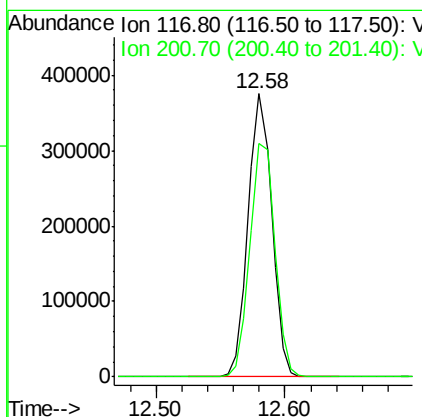
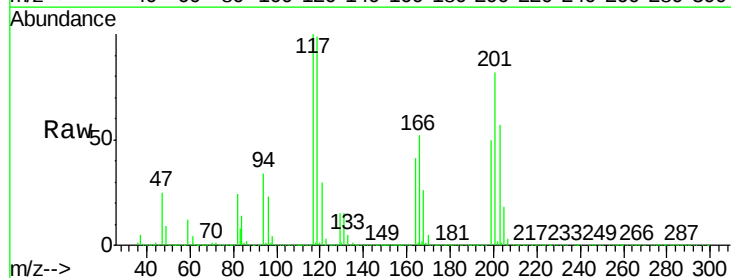
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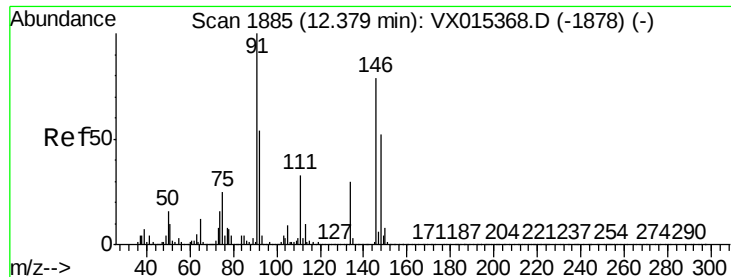
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#90
Hexachloroethane
Concen: 53.090 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.3	42.6	128.0





#91

1,2-Dichlorobenzene

Concen: 59.552 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Instrument :

MSVOA_X

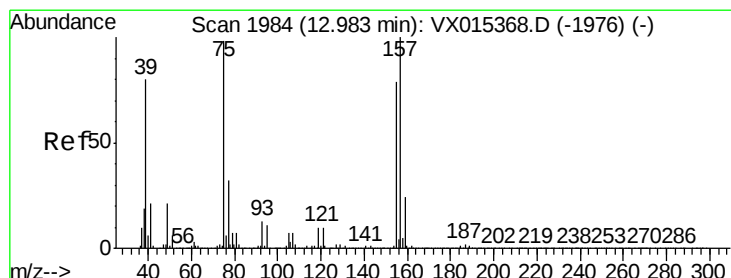
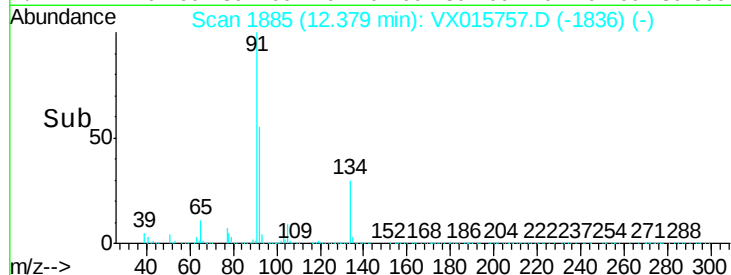
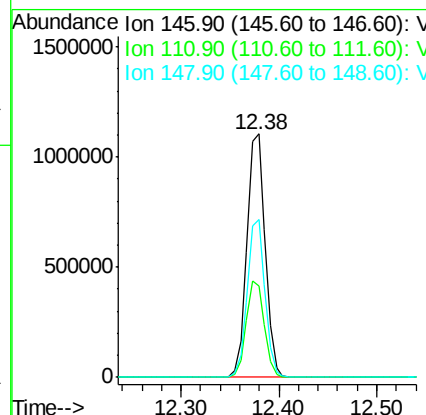
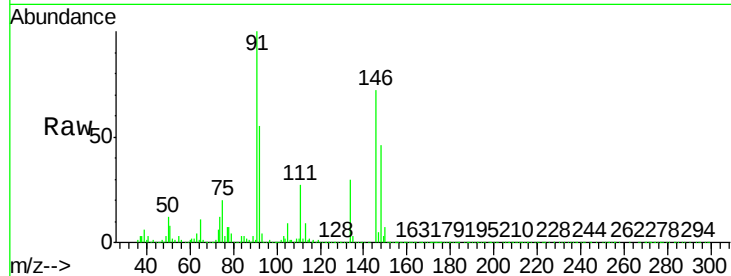
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	1425220
Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.0	63.0
148	62.9	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 44.589 ug/l

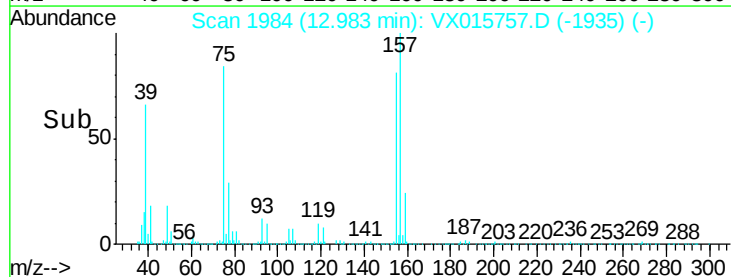
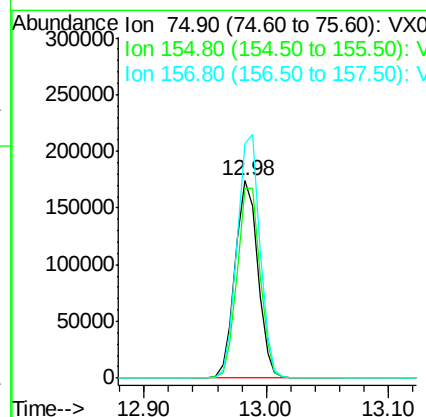
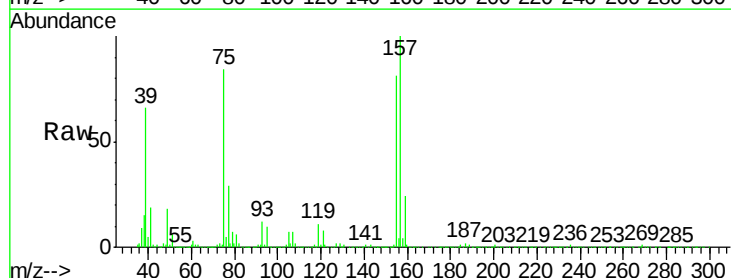
RT: 12.98 min Scan# 1984

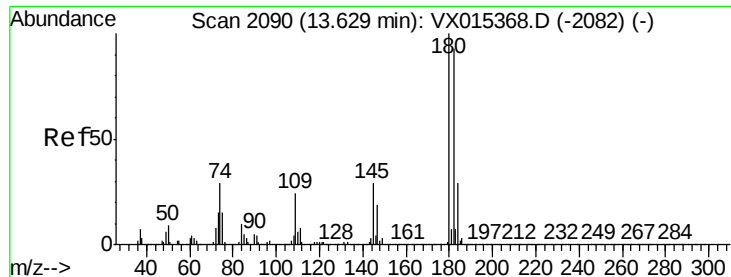
Delta R.T. 0.00 min

Lab File: VX015757.D

Acq: 20 Apr 2020 11:05

Tgt Ion:	75	Resp:	221155
Ion	Ratio	Lower	Upper
75	100		
155	97.9	42.8	128.4
157	124.2	53.4	160.3





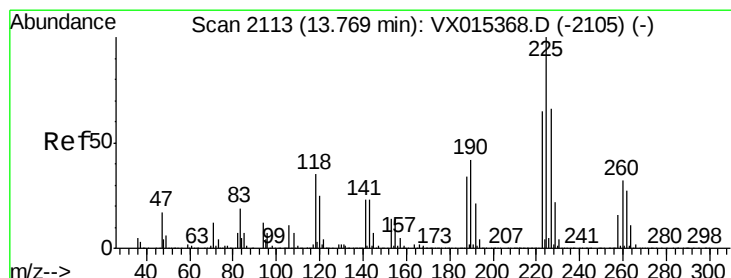
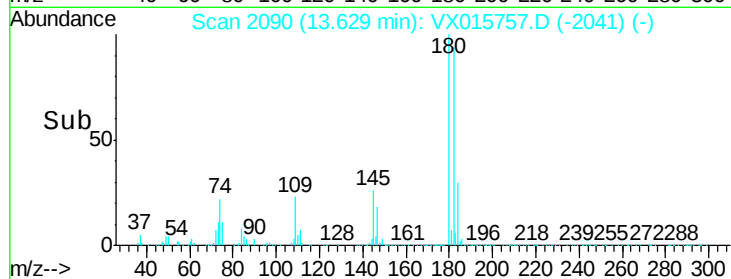
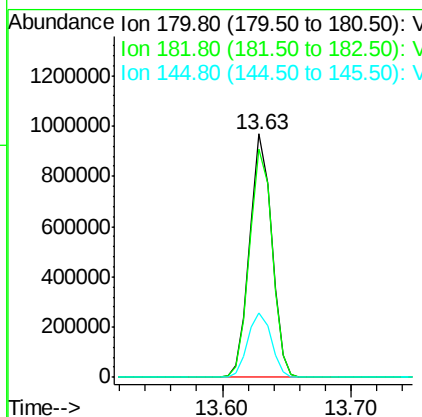
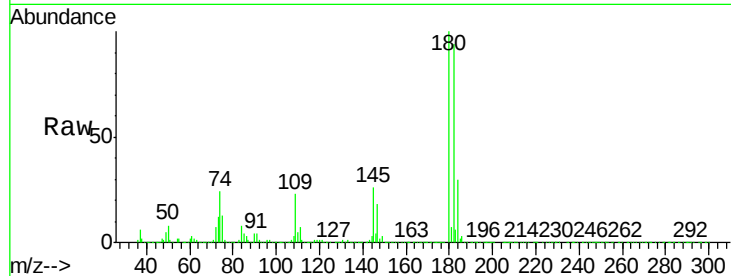
#93
 1,2,4-Trichlorobenzene
 Concen: 60.123 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015757.D
 Acq: 20 Apr 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.9	140.7
145	28.1	14.9	44.5

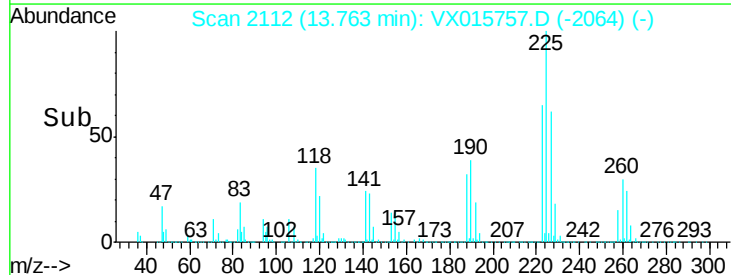
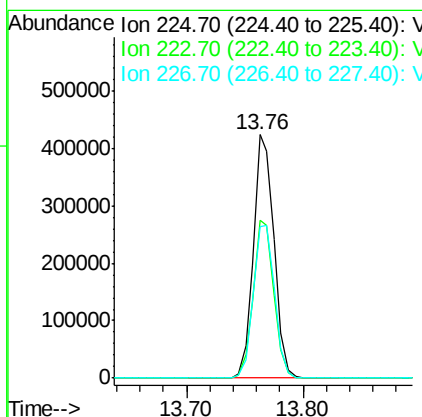
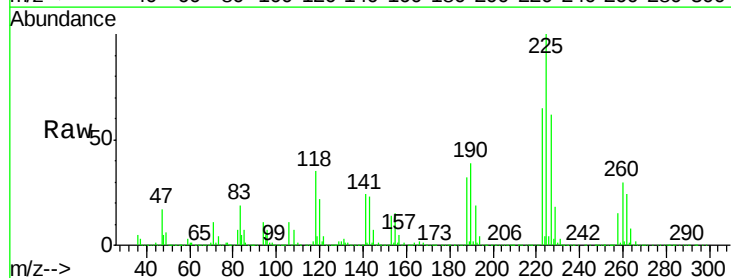
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 57.601 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015757.D
 Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.9	95.7
227	65.3	30.4	91.3





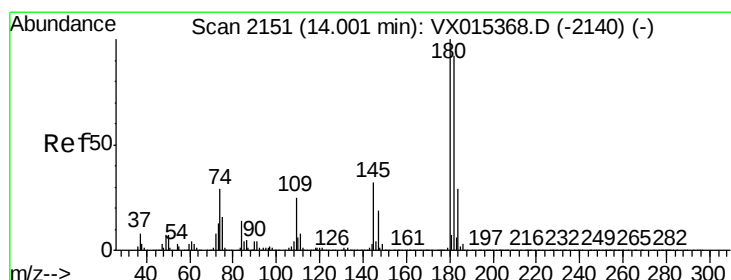
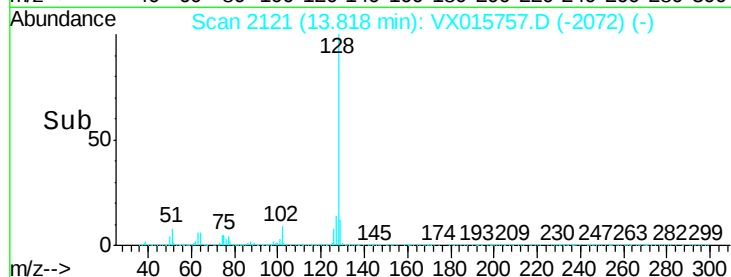
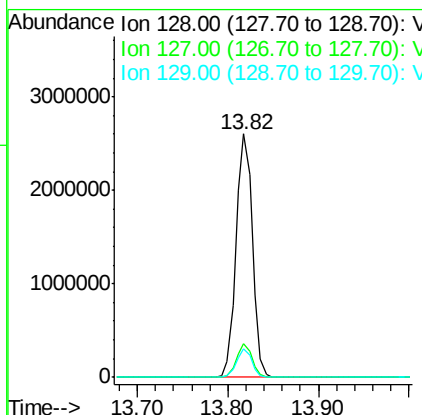
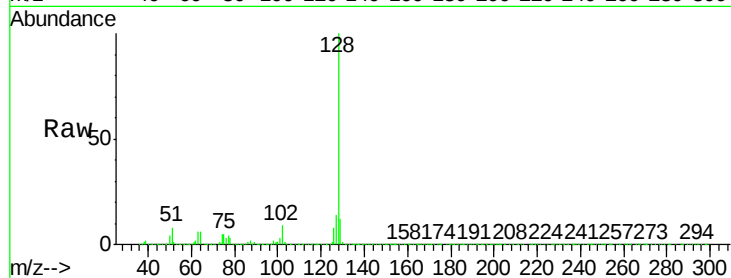
#95
Naphthalene
Concen: 56.179 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:12:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 61.519 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015757.D
Acq: 20 Apr 2020 11:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.7	140.0
145	29.9	15.8	47.3

