

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041320\
 Data File : VX015651.D
 Acq On : 13 Apr 2020 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:11:55 AM

Quant Time: Apr 14 01:48:20 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	1125451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1728229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1606858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	873750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	710966	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
35) Dibromofluoromethane	5.47	113	528265	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.70	98	1934409	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.12	95	788819	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	437166	44.089	ug/l	100
3) Chloromethane	1.31	50	536963	42.524	ug/l	99
4) Vinyl Chloride	1.39	62	547698	47.237	ug/l	98
5) Bromomethane	1.62	94	332835	64.643	ug/l	98
6) Chloroethane	1.71	64	351209	48.840	ug/l	97
7) Trichlorofluoromethane	1.92	101	740807	47.642	ug/l	98
8) Diethyl Ether	2.17	74	319569	48.726	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	473186	46.681	ug/l	97
10) Methyl Iodide	2.49	142	558433	40.861	ug/l	98
11) Tert butyl alcohol	3.01	59	695820	183.142	ug/l	99
12) 1,1-Dichloroethene	2.36	96	484644	45.612	ug/l	97
13) Acrolein	2.27	56	238677	110.280	ug/l	99
14) Allyl chloride	2.71	41	1072609	43.203	ug/l	98
15) Acrylonitrile	3.12	53	1660983	229.239	ug/l	100
16) Acetone	2.42	43	1466310	215.017	ug/l	99
17) Carbon Disulfide	2.55	76	1277966	39.427	ug/l	100
18) Methyl Acetate	2.75	43	810821	46.585	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1891659	45.903	ug/l	99
20) Methylene Chloride	2.84	84	561556	44.086	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	525131	44.532	ug/l	98
22) Diisopropyl ether	3.83	45	2032106	46.191	ug/l	99
23) Vinyl Acetate	3.79	43	8955730	224.837	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1037500	44.791	ug/l	99
25) 2-Butanone	4.64	43	2379427	216.958	ug/l	100
26) 2,2-Dichloropropane	4.56	77	882972	46.441	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	619125	45.380	ug/l	99
28) Bromochloromethane	4.98	49	535896	48.457	ug/l	96
29) Tetrahydrofuran	5.09	42	1556528	220.767	ug/l	99
30) Chloroform	5.18	83	1021369	45.832	ug/l	98
31) Cyclohexane	5.56	56	893545	44.468	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	920205	45.627	ug/l	99
36) 1,1-Dichloropropene	5.78	75	749872	47.092	ug/l	98
37) Ethyl Acetate	4.79	43	951887	45.910	ug/l	99
38) Carbon Tetrachloride	5.76	117	813865	47.189	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	879552	47.906	ug/l	97
40) Benzene	6.12	78	2245797	48.147	ug/l	98
41) Methacrylonitrile	5.01	41	551901	47.951	ug/l	99
42) 1,2-Dichloroethane	6.17	62	898032	47.930	ug/l	99
43) Isopropyl Acetate	6.42	43	1616907	46.196	ug/l	99
44) Trichloroethene	7.19	130	617949	48.576	ug/l	99
45) 1,2-Dichloropropane	7.50	63	599669	46.995	ug/l	98
46) Dibromomethane	7.64	93	403525	48.209	ug/l	95
47) Bromodichloromethane	7.88	83	843715	47.305	ug/l	98
48) Methyl methacrylate	7.75	41	810987	46.388	ug/l	97
49) 1,4-Dioxane	7.71	88	252435	774.018	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4726209	238.268	ug/l	99
52) Toluene	8.77	92	1413478	49.151	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	963999	46.085	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1013497	47.563	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	594194	50.432	ug/l	98
56) Ethyl methacrylate	9.16	69	992399	47.793	ug/l	97
57) 1,3-Dichloropropane	9.35	76	1015178	47.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2356656	233.332	ug/l	99
59) 2-Hexanone	9.48	43	3575021	238.724	ug/l	99
60) Dibromochloromethane	9.57	129	671237	47.411	ug/l	95
61) 1,2-Dibromoethane	9.65	107	615881	48.073	ug/l	97
64) Tetrachloroethene	9.32	164	568183	46.854	ug/l	98
65) Chlorobenzene	10.12	112	1543084	48.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	616942	48.190	ug/l	98
67) Ethyl Benzene	10.24	91	2737789	48.170	ug/l	98
68) m/p-Xylenes	10.34	106	2054037	97.054	ug/l	98
69) o-Xylene	10.68	106	1015906	48.577	ug/l	98
70) Styrene	10.70	104	1769692	48.089	ug/l	99
71) Bromoform	10.84	173	550674	47.250	ug/l #	99
73) Isopropylbenzene	11.01	105	2706191	47.270	ug/l	99
74) N-amyl acetate	10.89	43	1378520	43.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	906003	46.120	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	817879m	45.519	ug/l	
77) Bromobenzene	11.24	156	741419	48.552	ug/l	92
78) n-propylbenzene	11.35	91	3058056	46.714	ug/l	100
79) 2-Chlorotoluene	11.41	91	1815304	45.242	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2275909	46.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	323266	43.169	ug/l	99
82) 4-Chlorotoluene	11.49	91	2169377	46.120	ug/l	99
83) tert-Butylbenzene	11.76	119	2286364	47.874	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2340281	46.971	ug/l	99
85) sec-Butylbenzene	11.93	105	2596385	47.007	ug/l	99
86) p-Isopropyltoluene	12.05	119	2497138	48.699	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1307815	47.839	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	1318625	47.354	ug/l	99
89) n-Butylbenzene	12.37	91	2172561	46.886	ug/l	98
90) Hexachloroethane	12.58	117	433875	43.473	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	1305535	48.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	222778	40.180	ug/l	92

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Instrument :
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ClientSampleId :
VSTDCCC050EC

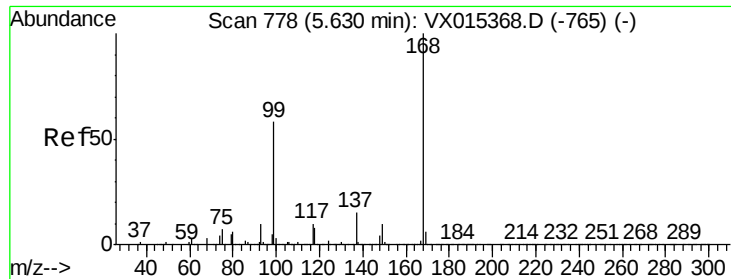
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1020319	48.215	ug/l	99
94) Hexachlorobutadiene	13.77	225	436754	43.349	ug/l	92
95) Naphthalene	13.82	128	3100972	48.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1032574	50.680	ug/l	99

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



#1

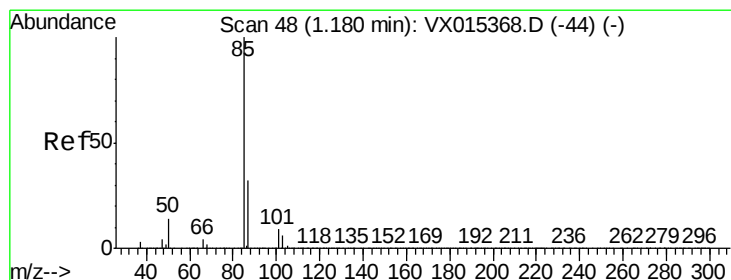
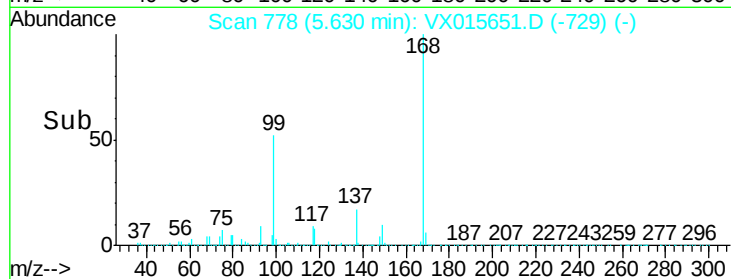
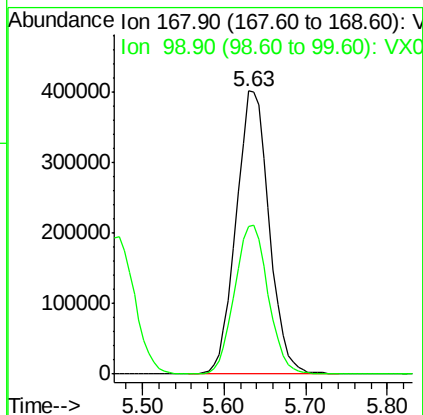
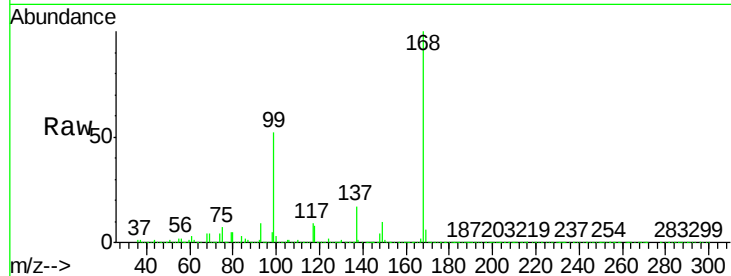
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.2	46.4	69.6

Manual Integrations
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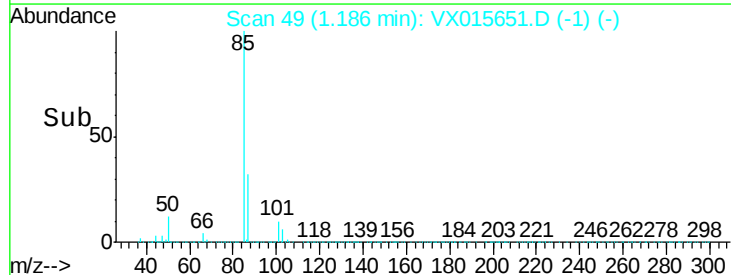
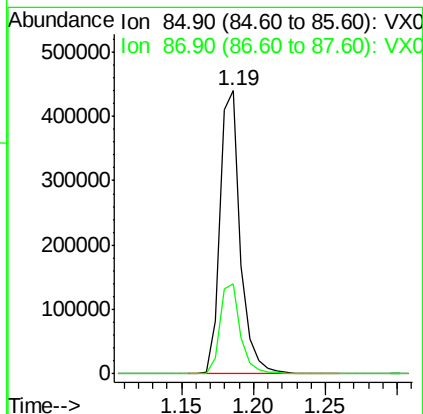
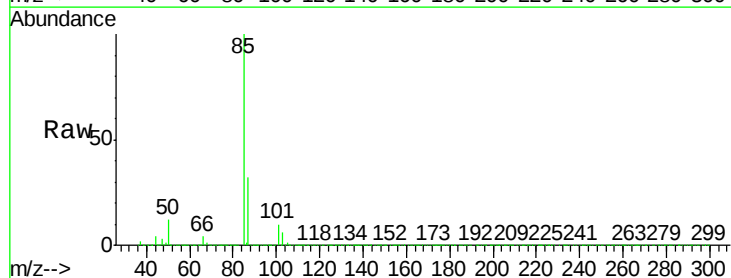
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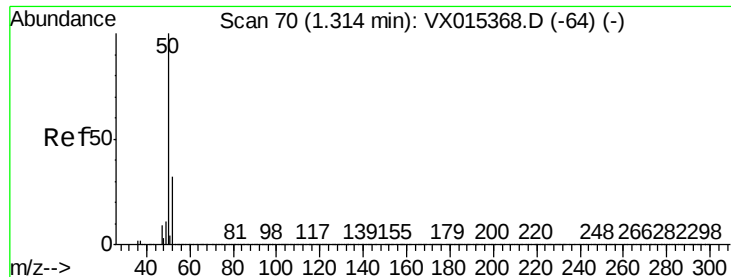


#2

Dichlorodifluoromethane
Concen: 44.089 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.0	47.9





#3

Chloromethane

Concen: 42.524 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 536963

Ion Ratio Lower Upper

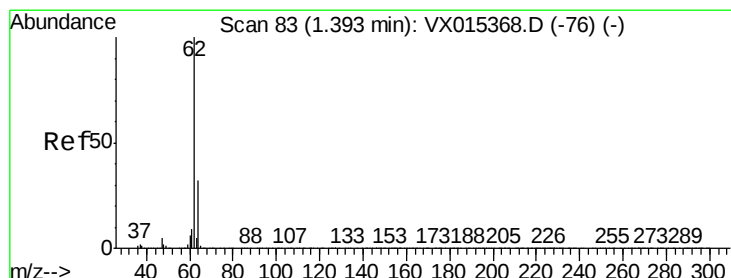
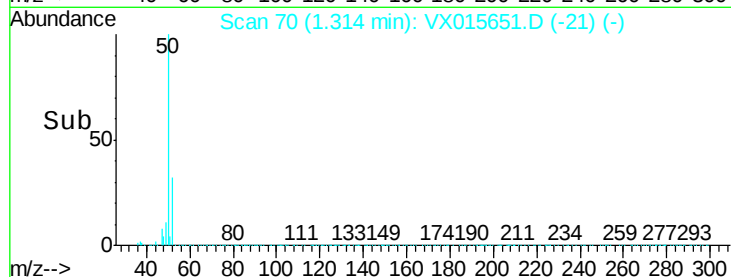
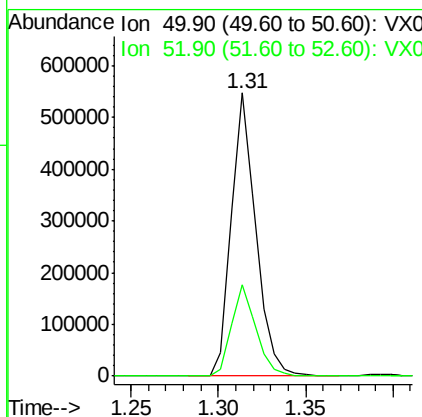
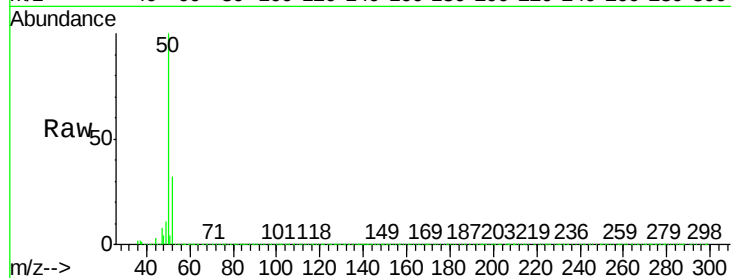
50 100

52 32.2 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.237 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015651.D

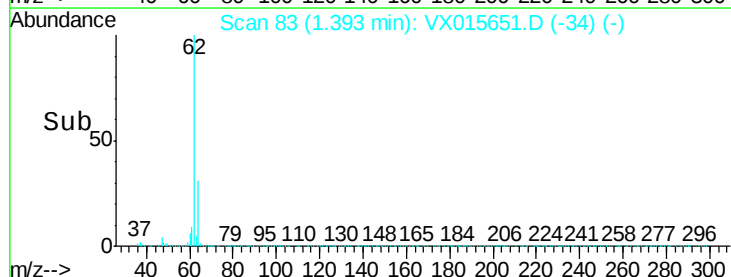
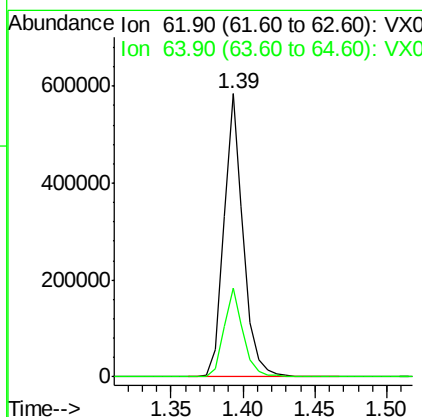
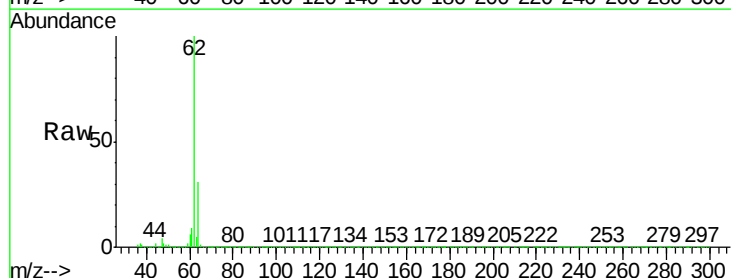
Acq: 13 Apr 2020 18:42

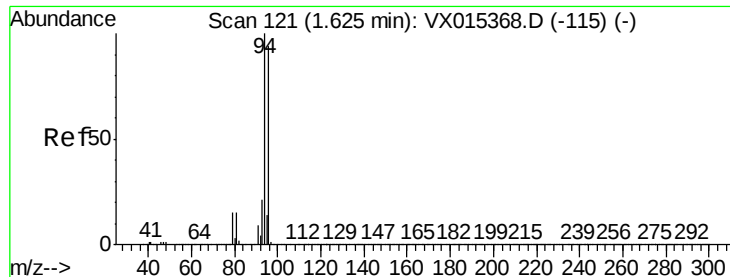
Tgt Ion: 62 Resp: 547698

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0





#5

Bromomethane

Concen: 64.643 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tot Ion: 94 Resp: 332835

Ion Ratio Lower Upper

94 100

96 91.4 74.8 112.2

Instrument :

MSVOA_X

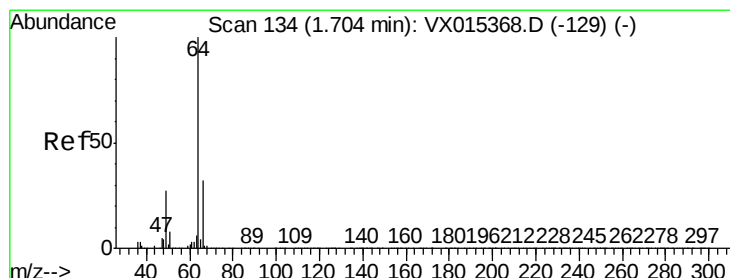
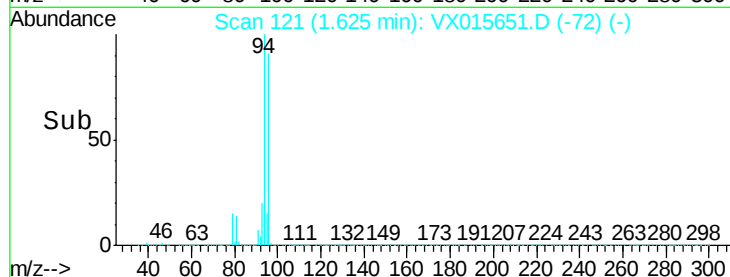
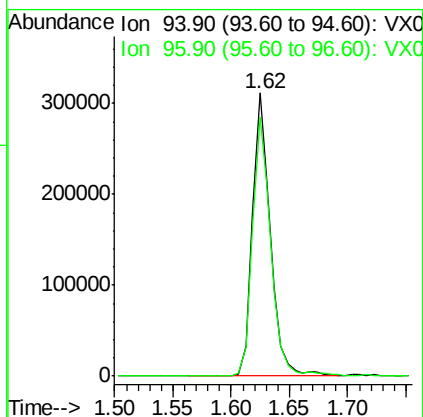
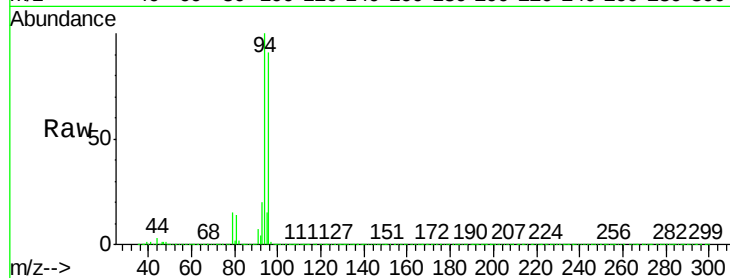
ClientSampleId :

VSTDCCC050EC

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#6

Chloroethane

Concen: 48.840 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015651.D

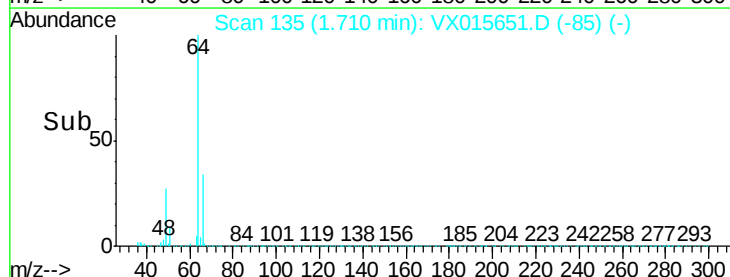
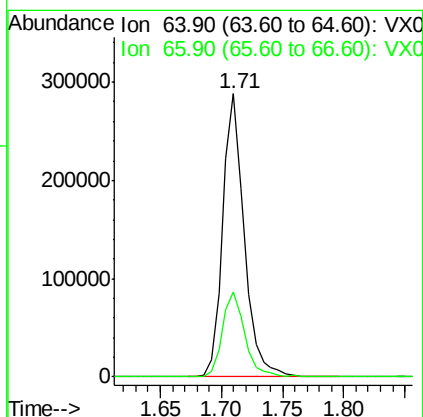
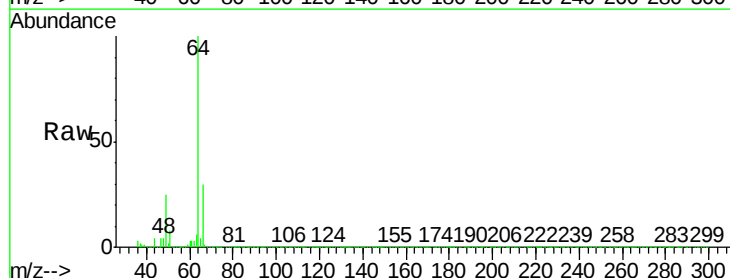
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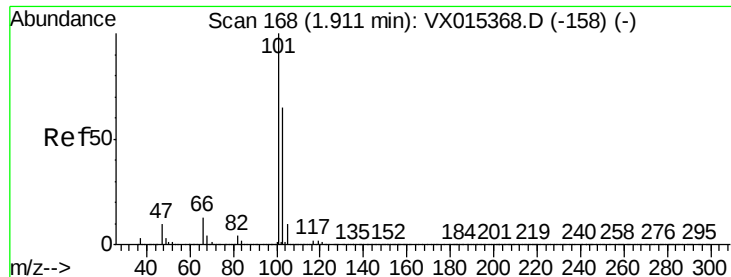
Tgt Ion: 64 Resp: 351209

Ion Ratio Lower Upper

64 100

66 30.0 25.4 38.2





#7

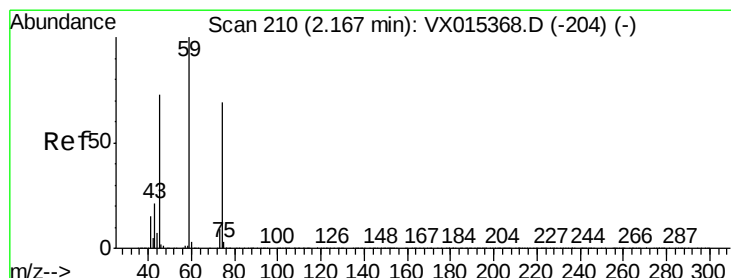
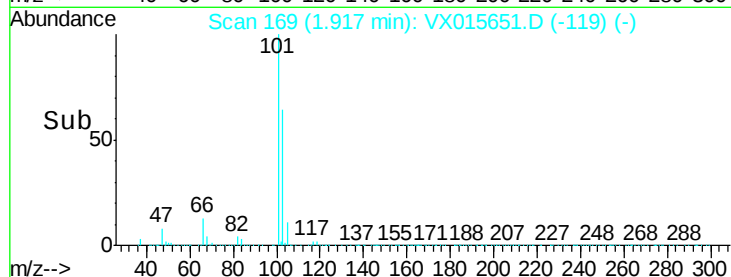
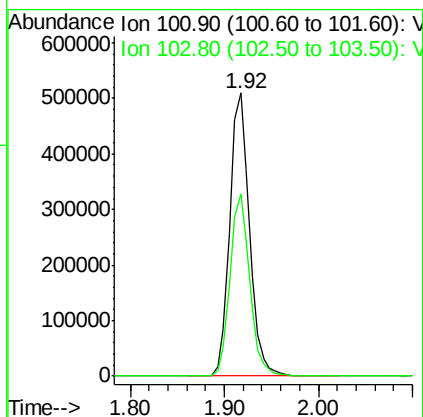
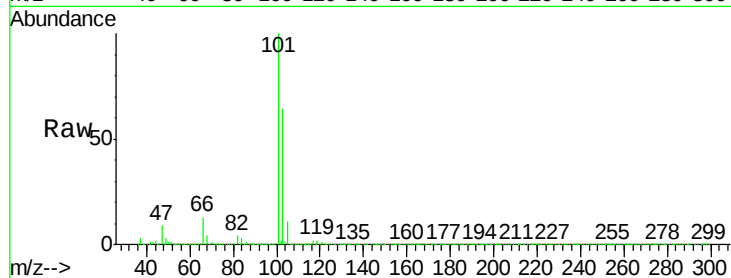
Trichlorofluoromethane
Concen: 47.642 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.3	78.5

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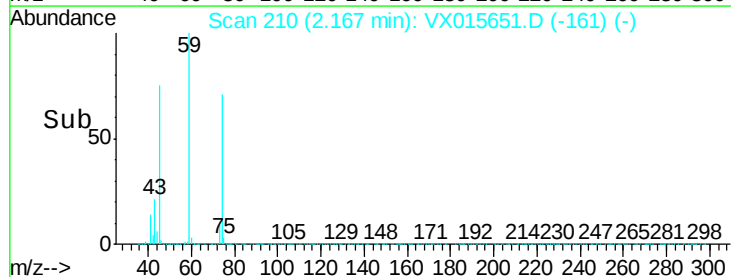
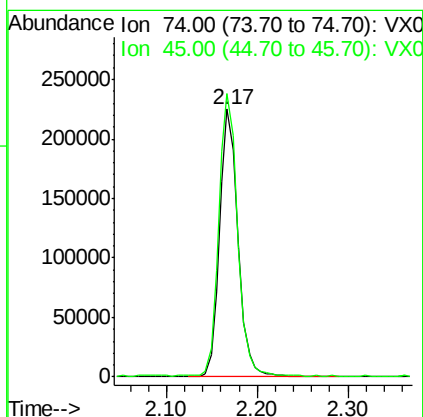
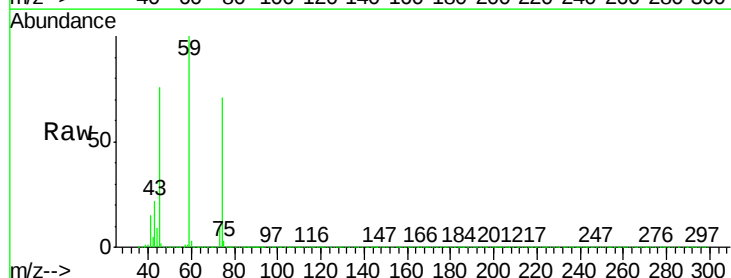
MMDadoda
4/14/2020 10:11:55 AM

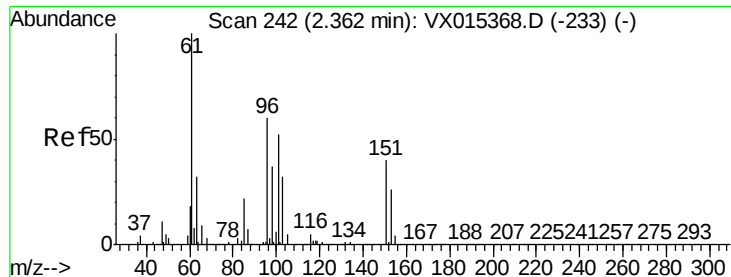


#8

Diethyl Ether
Concen: 48.726 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.681 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

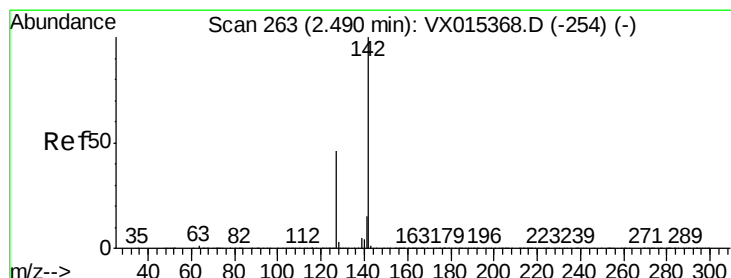
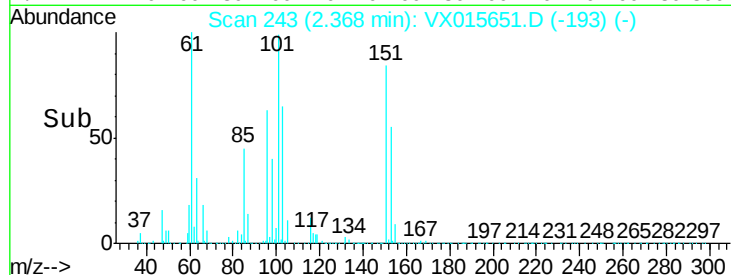
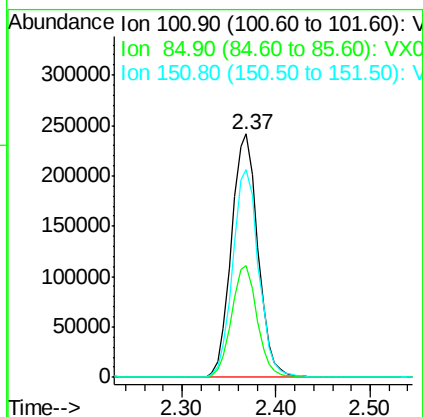
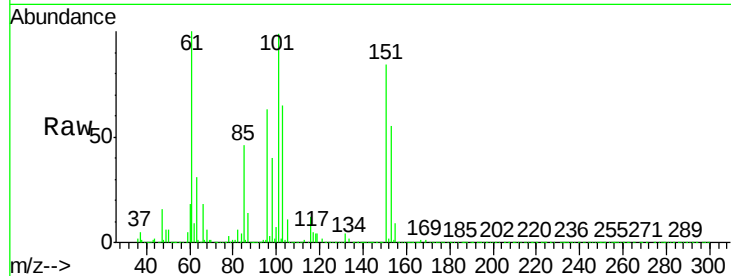
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	473186
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.0	52.4
151	83.4	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 40.861 ug/l

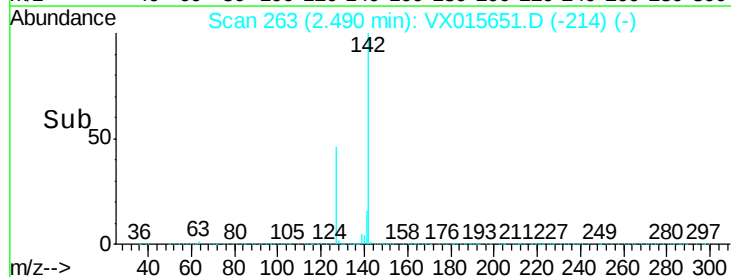
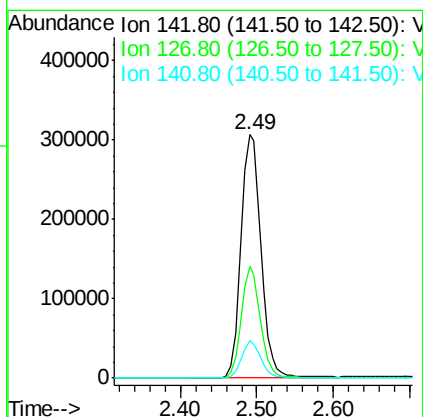
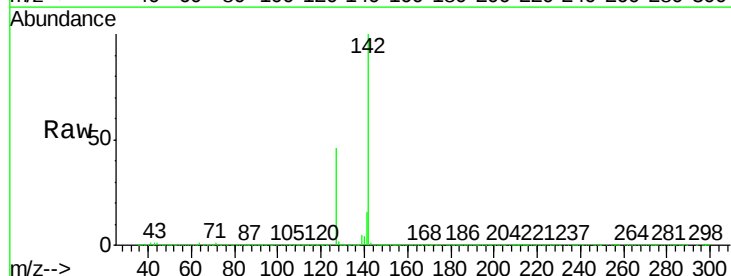
RT: 2.49 min Scan# 263

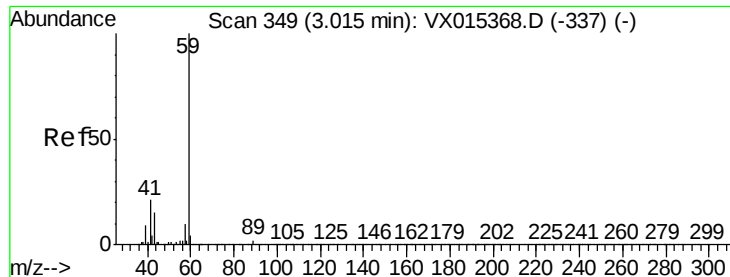
Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion:	142	Resp:	558433
Ion Ratio	Lower	Upper	
142	100		
127	43.4	35.9	53.9
141	14.6	11.6	17.4





#11

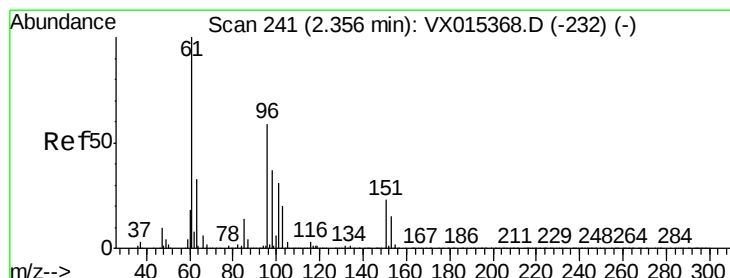
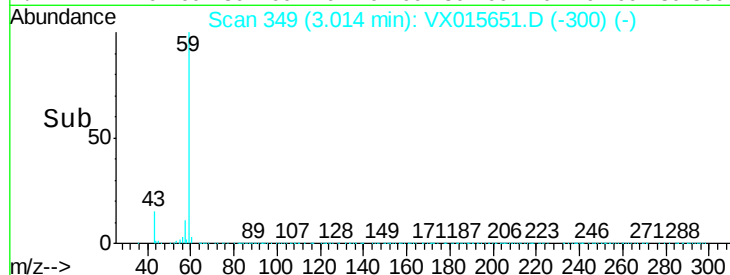
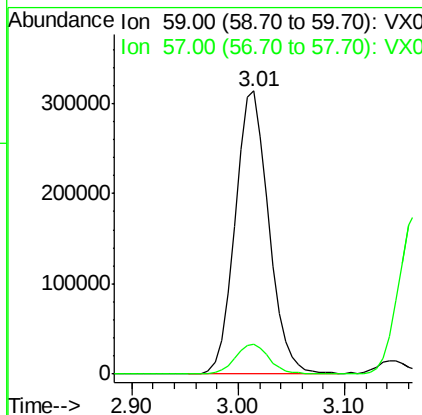
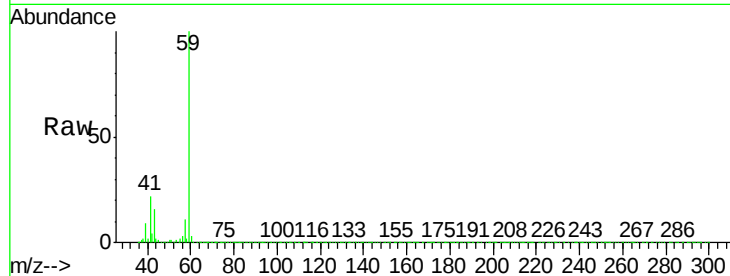
Tert butyl alcohol
Concen: 183.142 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

Manual Integrations
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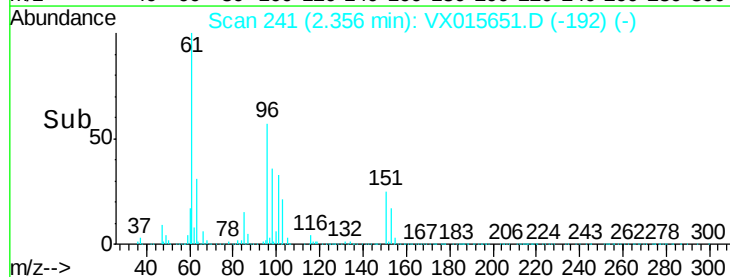
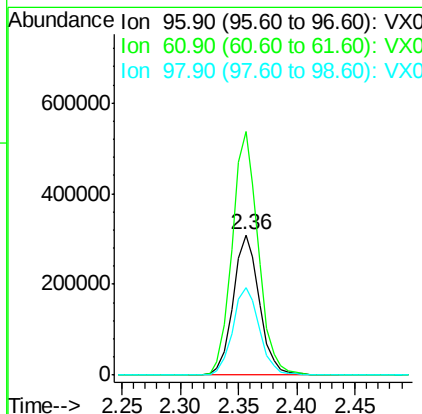
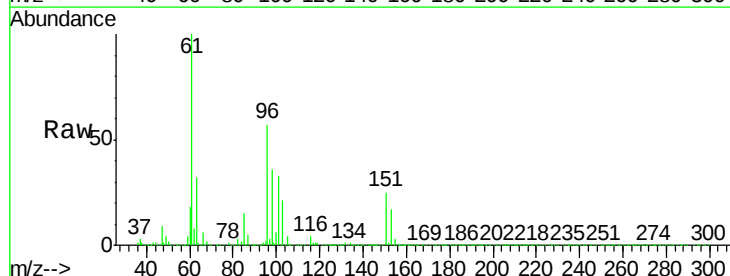
MMDadoda
4/14/2020 10:11:55 AM

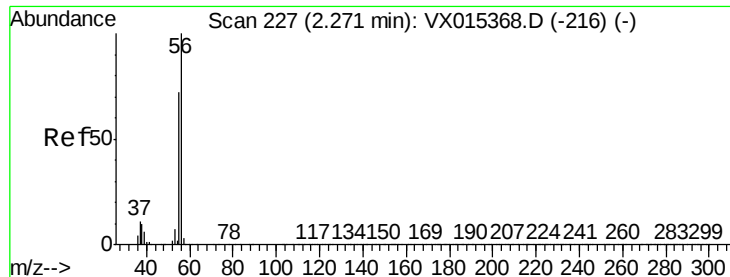


#12

1,1-Dichloroethene
Concen: 45.612 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.9	135.7	203.5
98	62.5	50.6	75.8





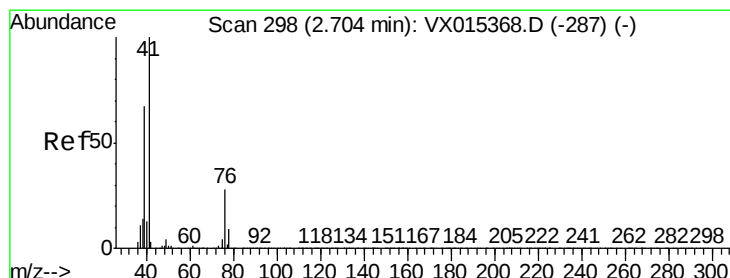
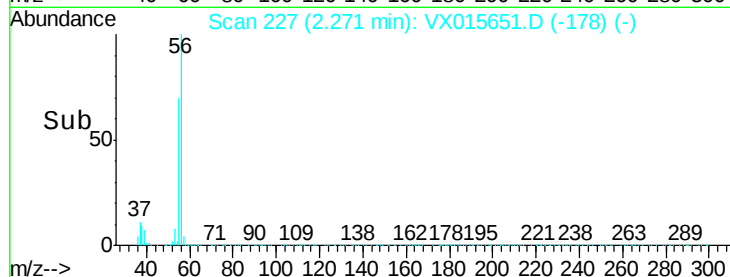
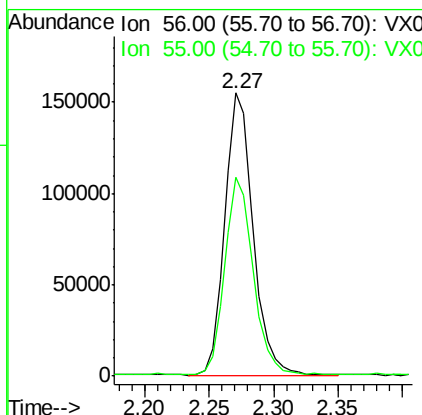
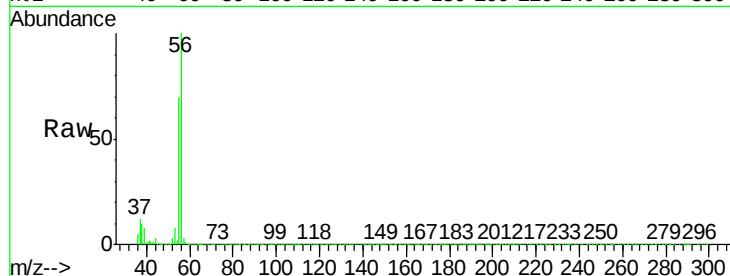
#13
Acrolein
Concen: 110.280 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.7	57.0	85.4

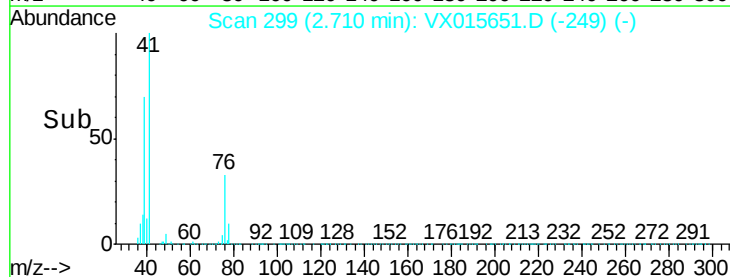
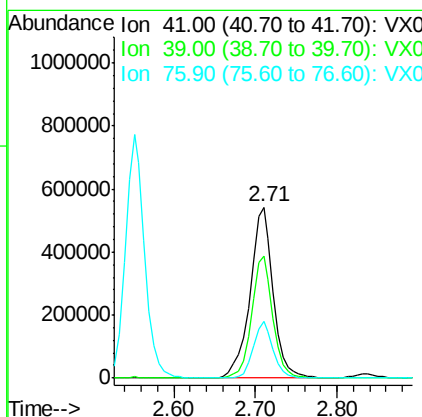
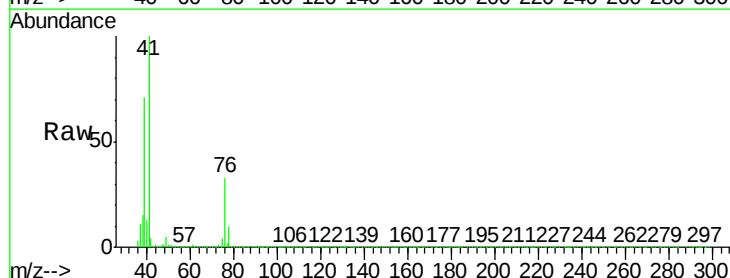
Manual Integrations
APPROVED

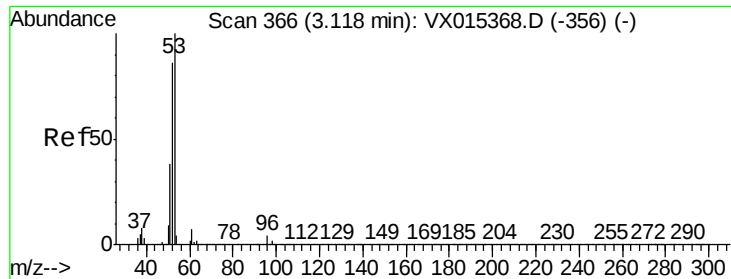
MMDadoda
4/14/2020 10:11:55 AM



#14
Allyl chloride
Concen: 43.203 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.3	51.4	77.0
76	76	28.5	21.8	32.8





#15

Acrylonitrile

Concen: 229.239 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1660983

Ion Ratio Lower Upper

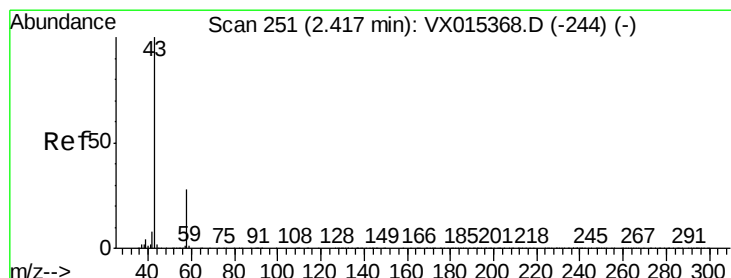
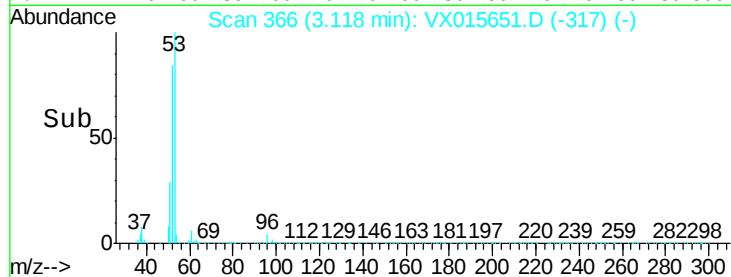
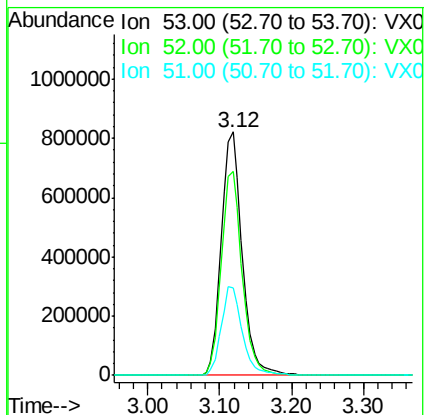
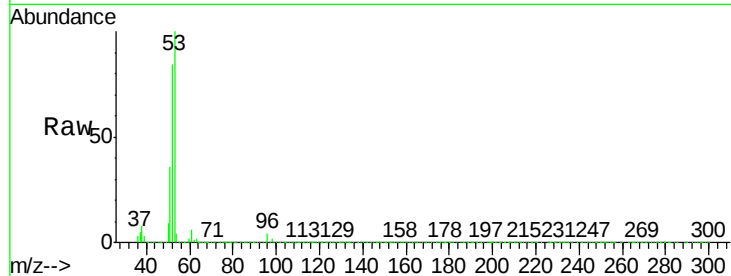
53 100

52 83.6 66.8 100.2

51 36.5 29.5 44.3

Manual Integrations
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#16

Acetone

Concen: 215.017 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015651.D

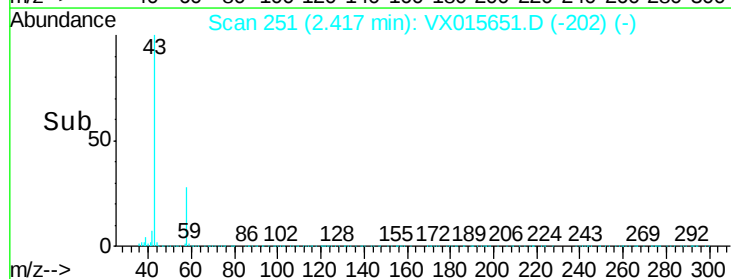
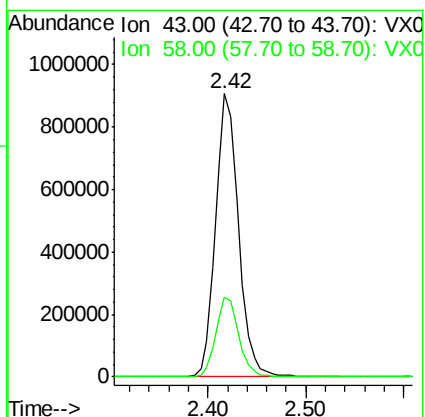
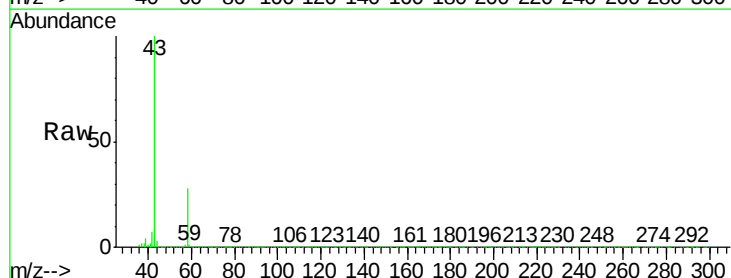
Acq: 13 Apr 2020 18:42

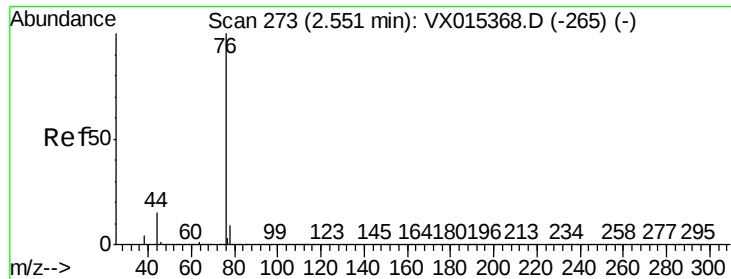
Tgt Ion: 43 Resp: 1466310

Ion Ratio Lower Upper

43 100

58 28.3 22.1 33.1





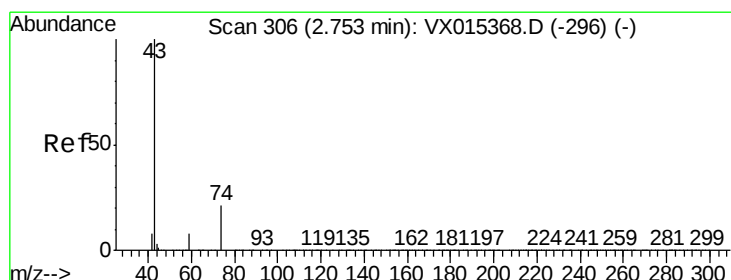
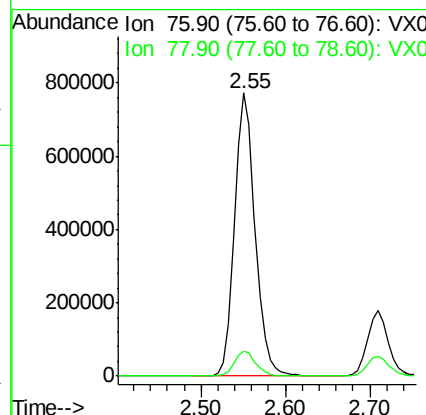
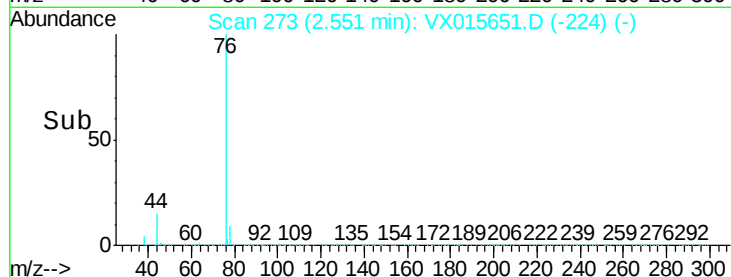
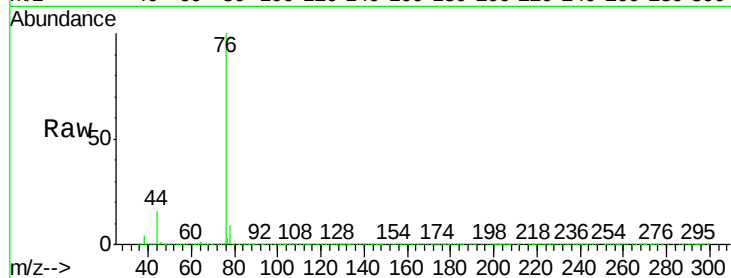
#17
Carbon Disulfide
Concen: 39.427 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

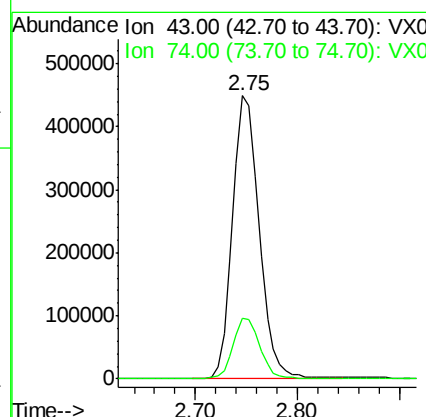
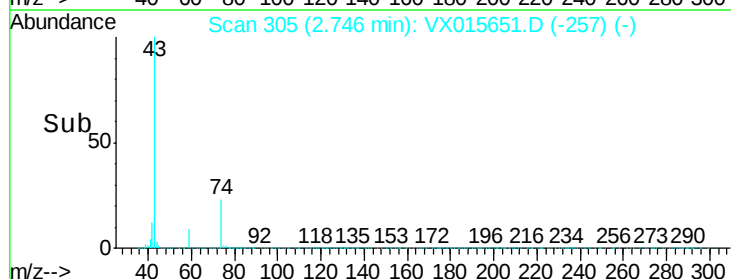
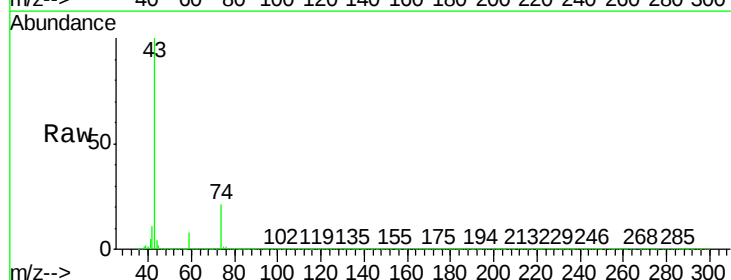
Manual Integrations
APPROVED

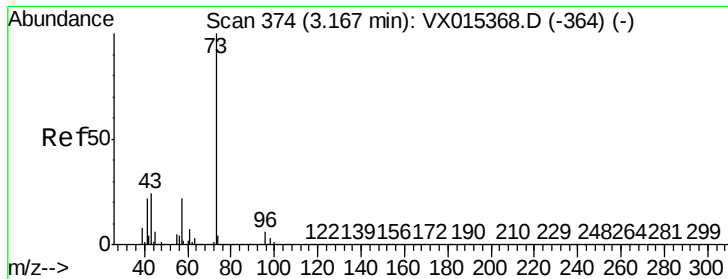
MMDadoda
4/14/2020 10:11:55 AM



#18
Methyl Acetate
Concen: 46.585 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	16.5	24.7





#19

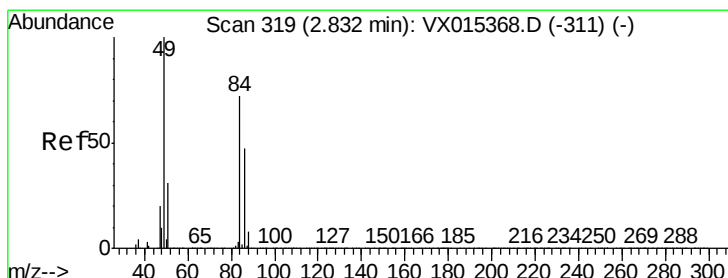
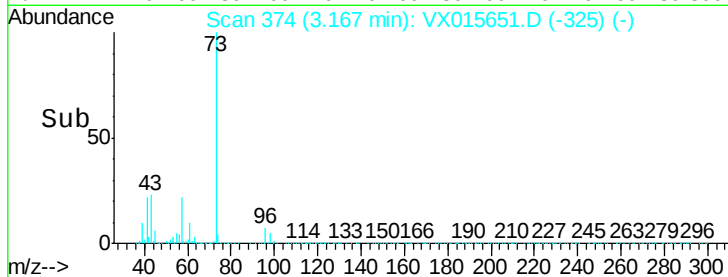
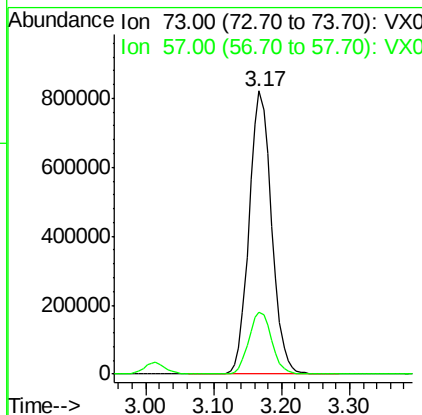
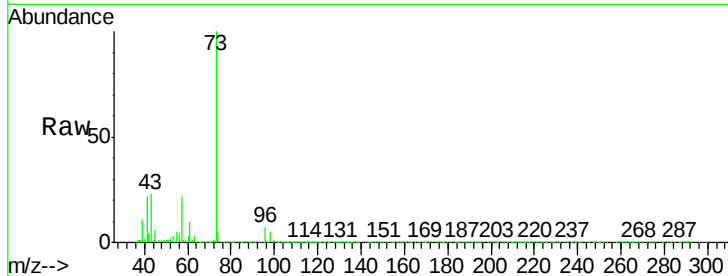
Methyl tert-butyl Ether
 Concen: 45.903 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.9	26.9

Manual Integrations
 APPROVED

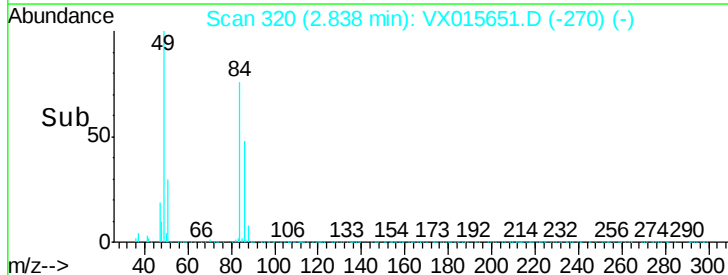
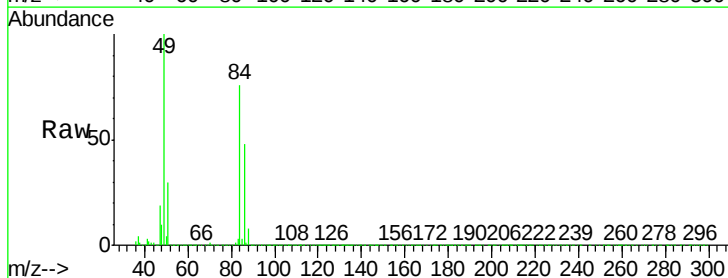
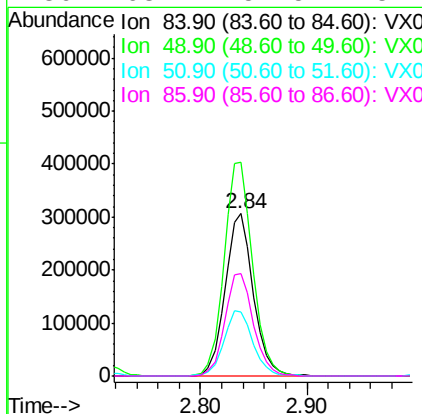
MMDadoda
 4/14/2020 10:11:55 AM

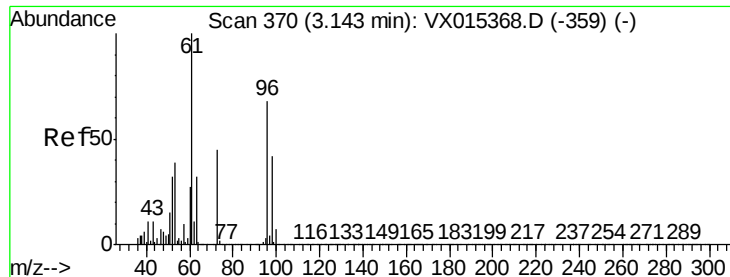


#20

Methylene Chloride
 Concen: 44.086 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.6	111.3	166.9
51	39.6	34.0	51.0
86	63.1	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 44.532 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tot Ion:	96	Resp:	525131
Ion Ratio	Lower	Upper	
96	100		
61	146.6	116.9	175.3
98	65.5	48.6	73.0

Instrument :

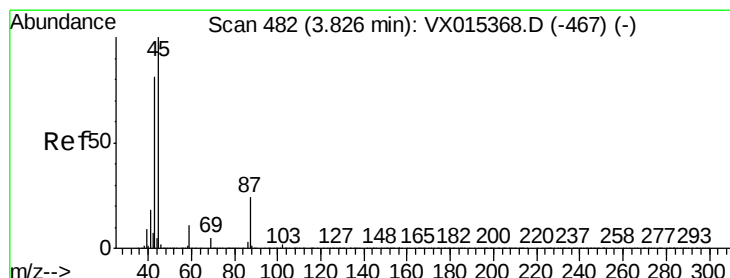
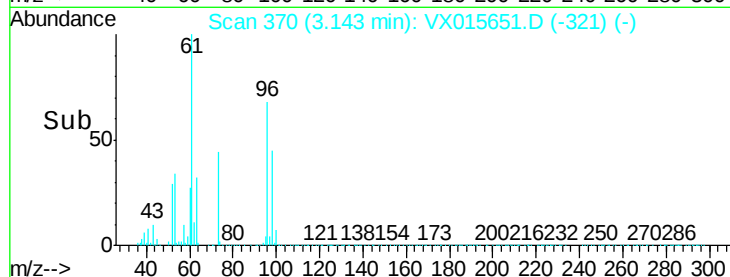
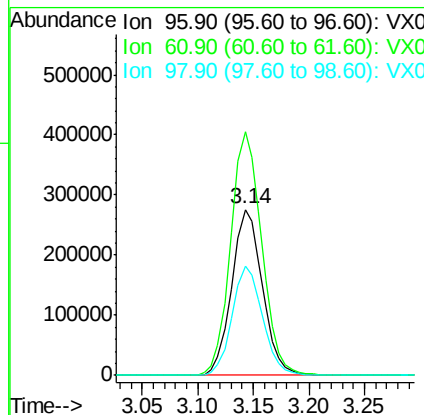
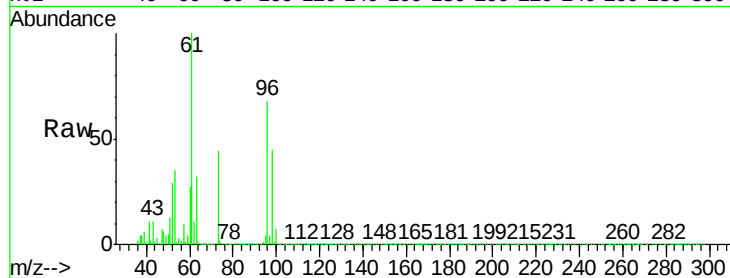
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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MMDadoda
4/14/2020 10:11:55 AM



#22

Diisopropyl ether

Concen: 46.191 ug/l

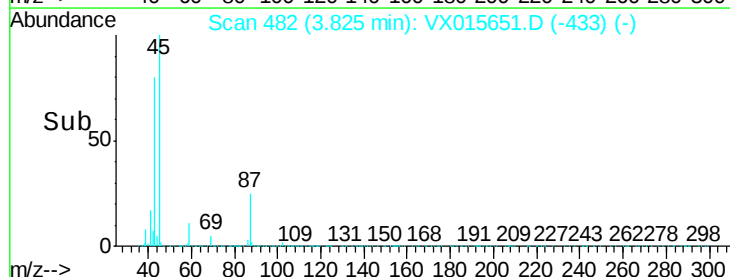
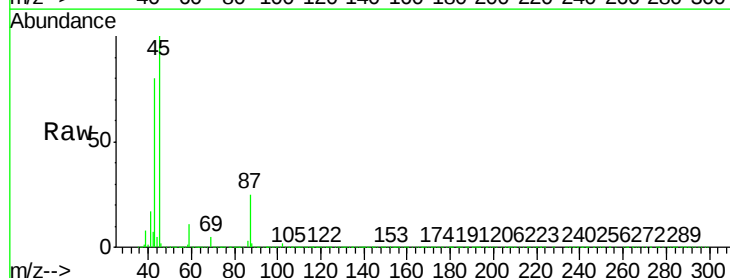
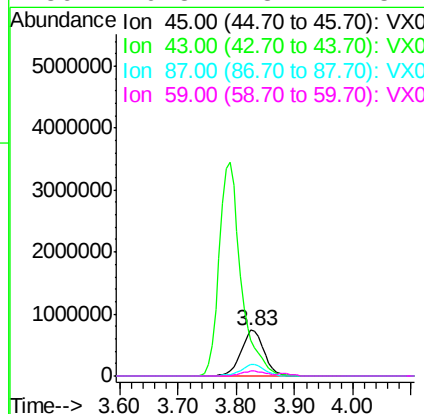
RT: 3.83 min Scan# 482

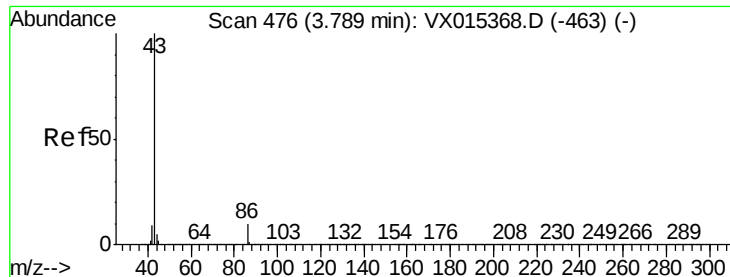
Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion:	45	Resp:	2032106
Ion Ratio	Lower	Upper	
45	100		
43	79.7	64.7	97.1
87	24.8	19.4	29.0
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 224.837 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 8955730

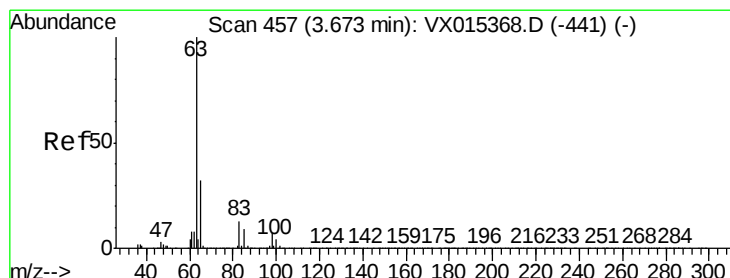
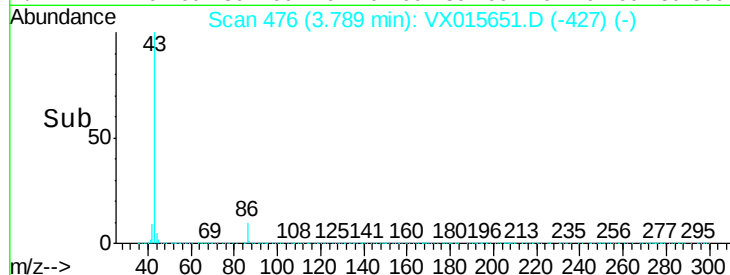
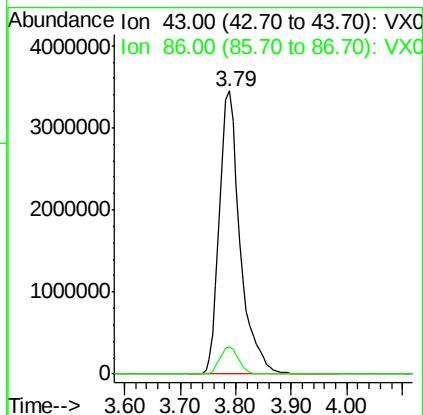
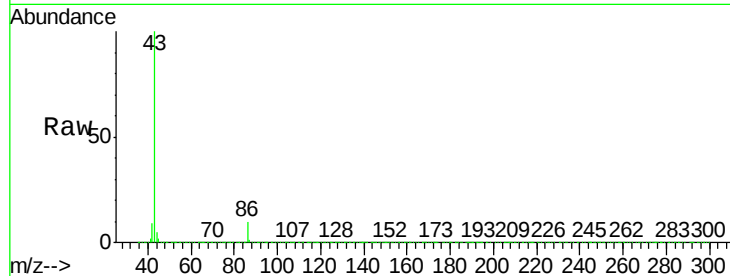
Ion Ratio Lower Upper

43 100

86 9.5 7.8 11.6

Manual Integrations
APPROVED

MMDadoda
4/14/2020 10:11:55 AM



#24

1,1-Dichloroethane

Concen: 44.791 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

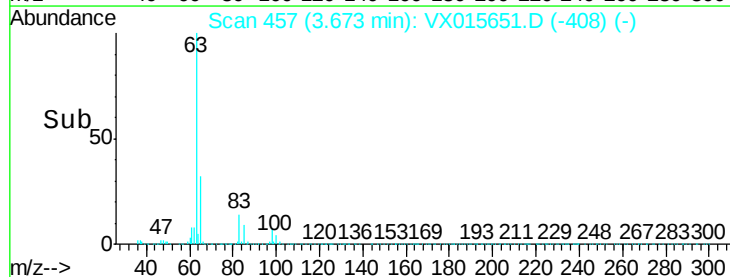
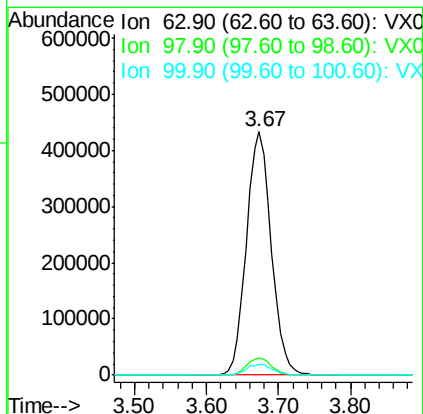
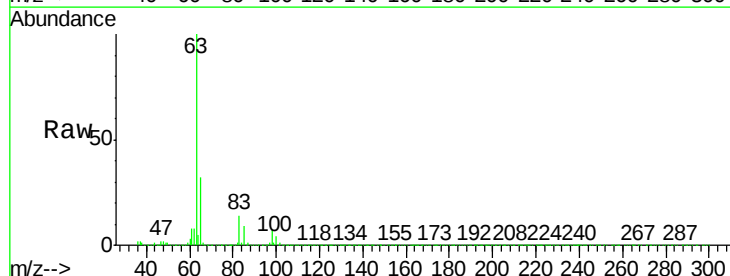
Tgt Ion: 63 Resp: 1037500

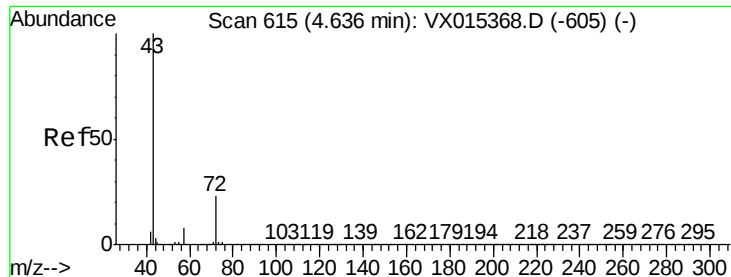
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 216.958 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tot Ion: 43 Resp: 2379427

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

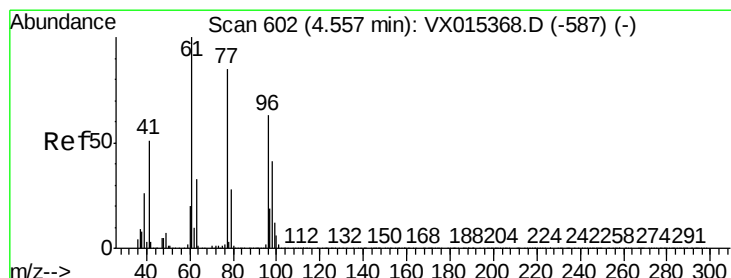
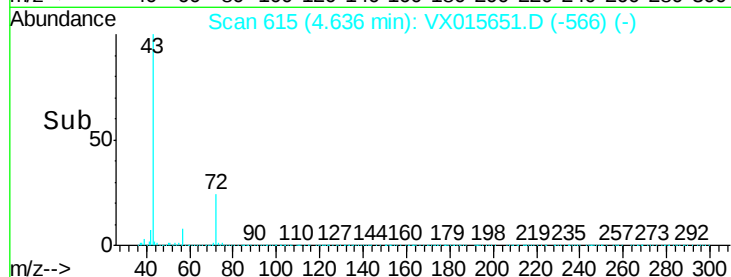
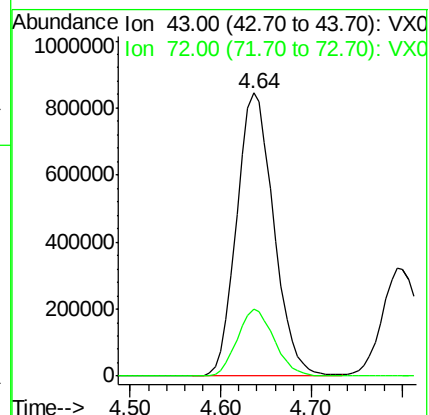
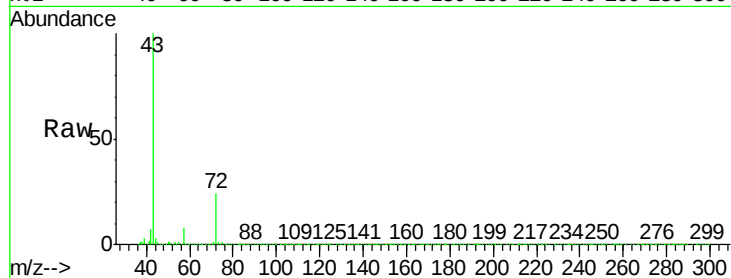
VSTDCCC050EC

Manual Integrations

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MMDadoda

4/14/2020 10:11:55 AM



#26

2,2-Dichloropropane

Concen: 46.441 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015651.D

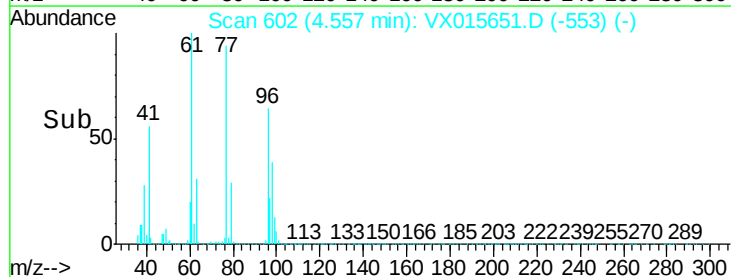
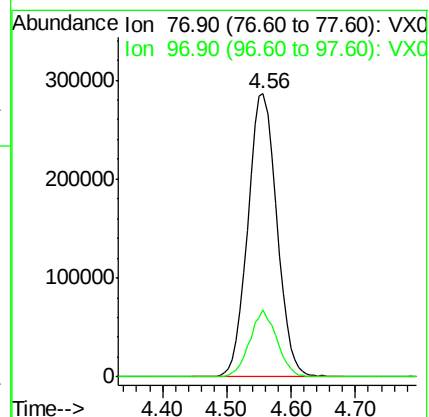
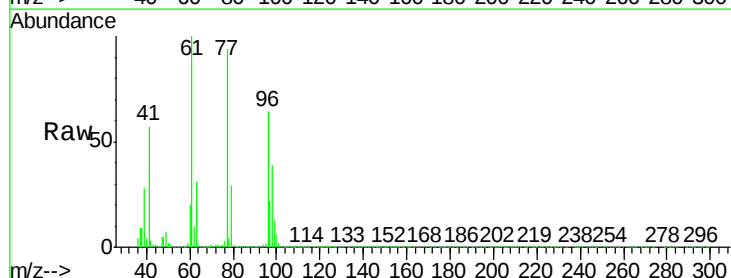
Acq: 13 Apr 2020 18:42

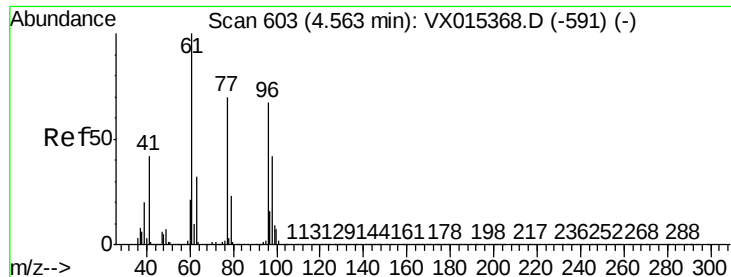
Tgt Ion: 77 Resp: 882972

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

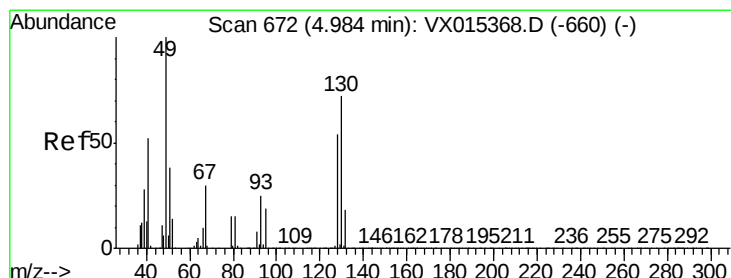
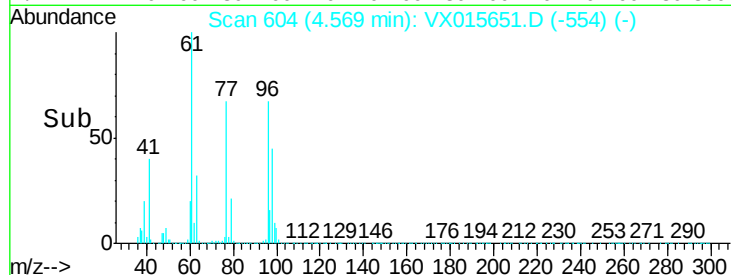
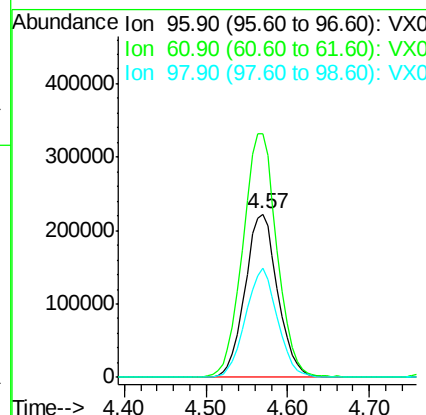
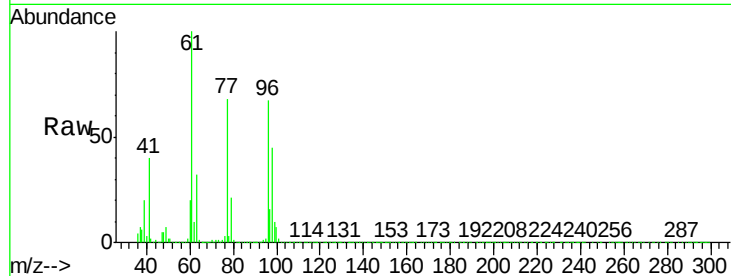
cis-1,2-Dichloroethene
Concen: 45.380 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	619125		
61	155.8	0.0	308.4	
98	65.3	0.0	129.2	

Manual Integrations
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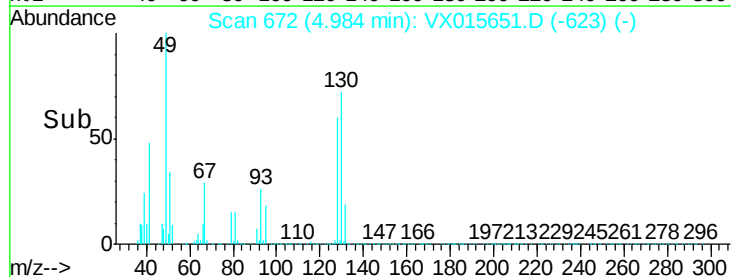
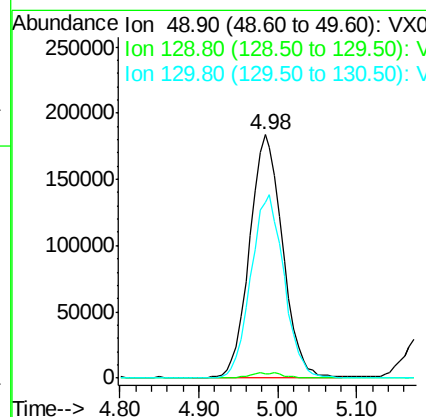
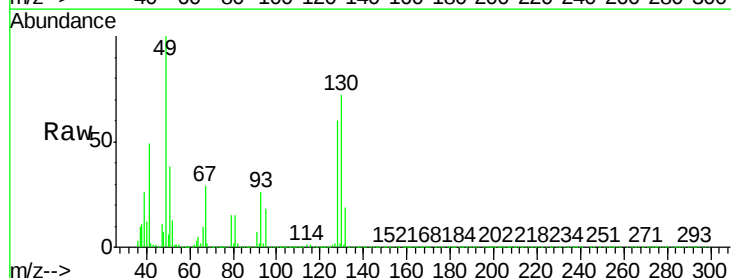
MMDadoda
4/14/2020 10:11:55 AM

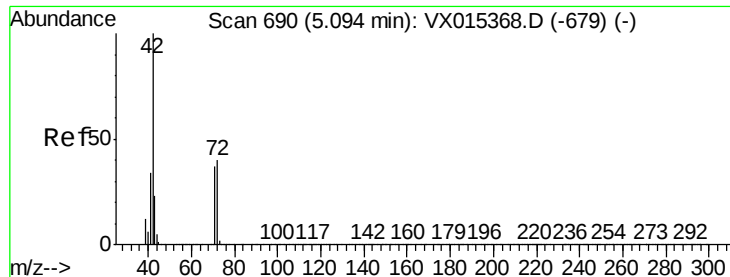


#28

Bromochloromethane
Concen: 48.457 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	535896		
129	2.2	0.0	4.4	
130	75.5	57.7	86.5	





#29

Tetrahydrofuran

Concen: 220.767 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1556528

Ion Ratio Lower Upper

42 100

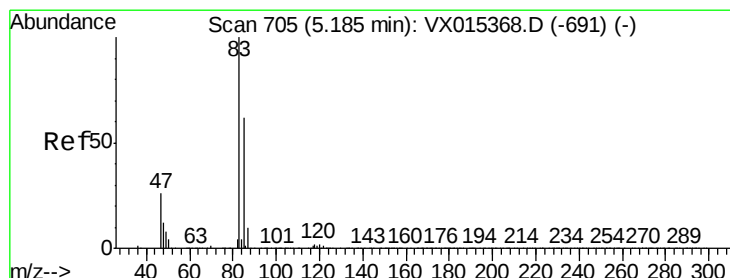
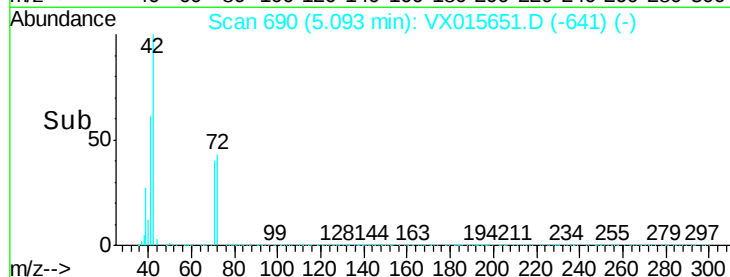
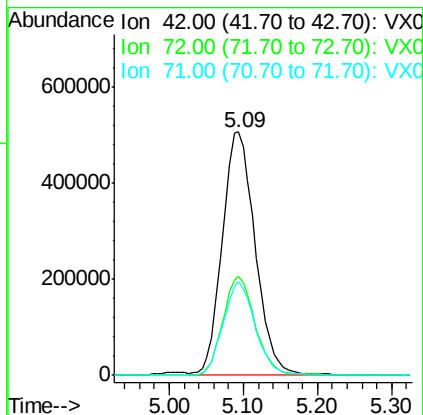
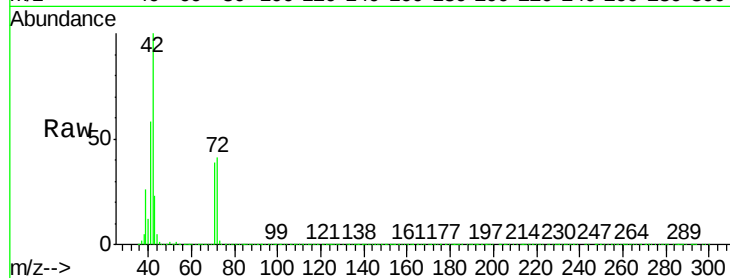
72 40.2 31.7 47.5

71 37.6 29.6 44.4

Manual Integrations
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4/14/2020 10:11:55 AM



#30

Chloroform

Concen: 45.832 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015651.D

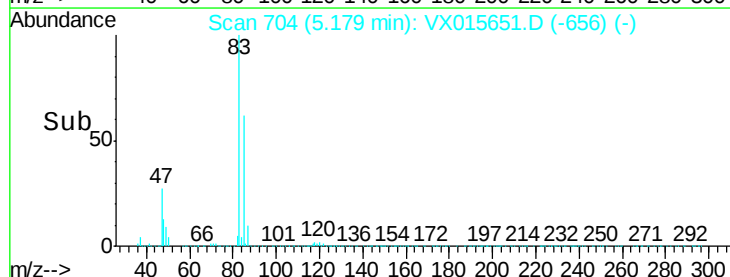
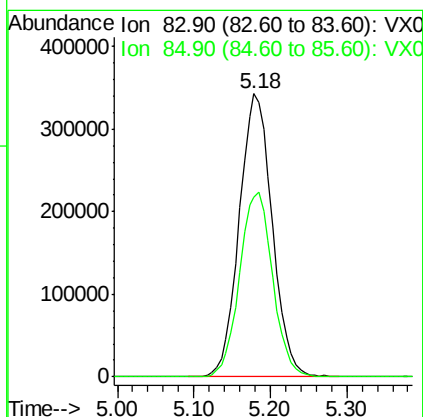
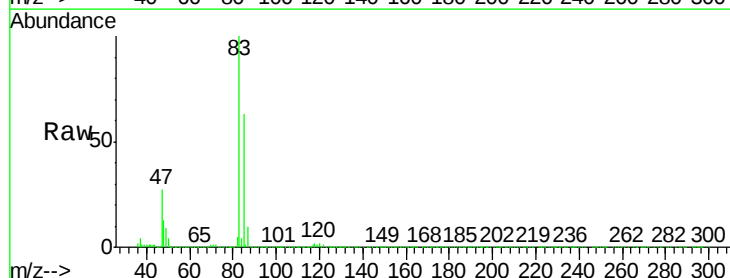
Acq: 13 Apr 2020 18:42

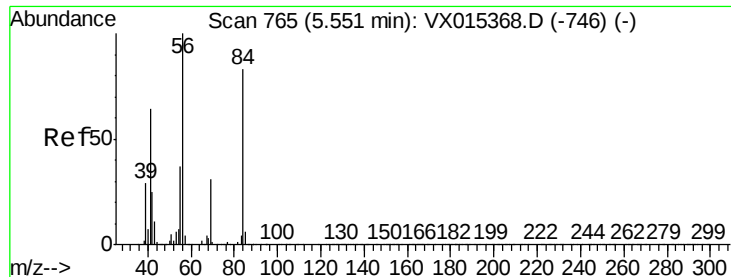
Tgt Ion: 83 Resp: 1021369

Ion Ratio Lower Upper

83 100

85 63.4 49.5 74.3





#31

Cyclohexane

Concen: 44.468 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

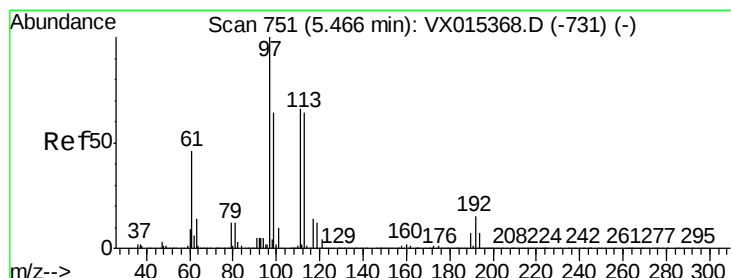
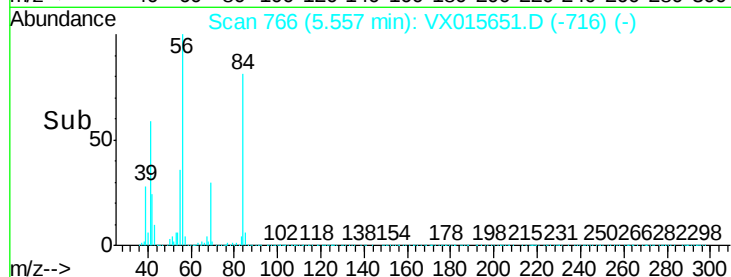
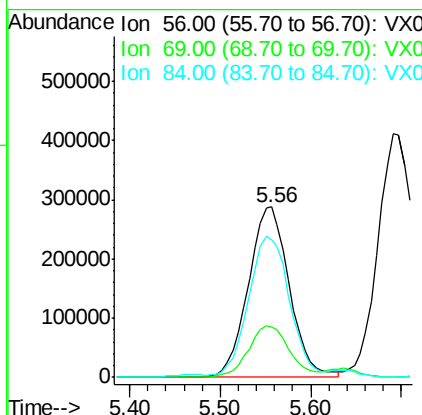
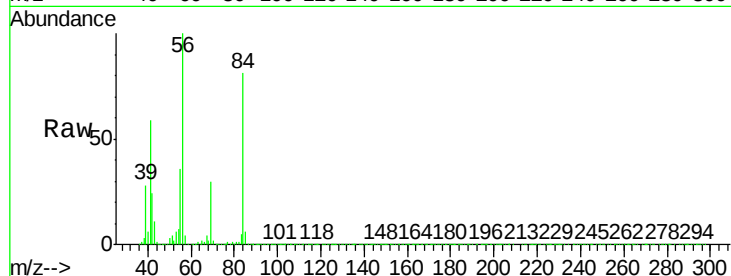
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		893545		
69	29.6	24.6	36.8		
84	79.1	66.1	99.1		

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.627 ug/l

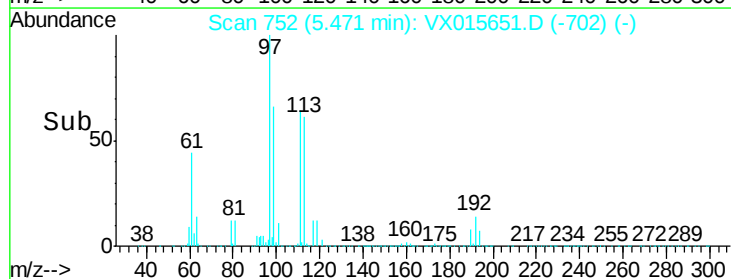
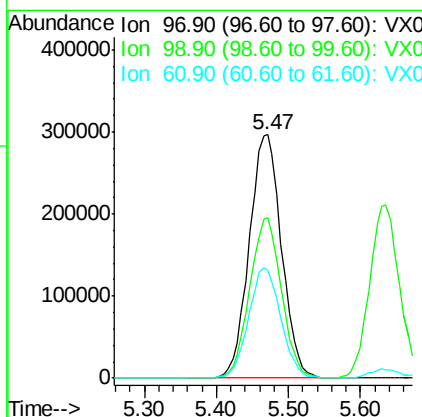
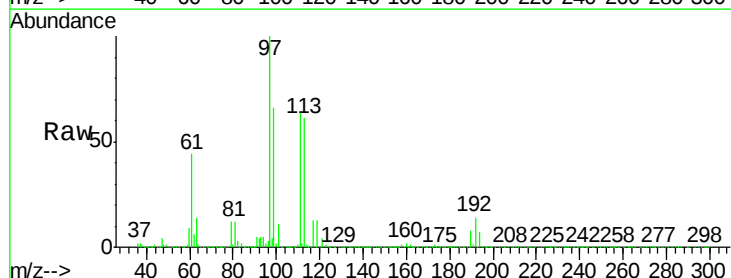
RT: 5.47 min Scan# 752

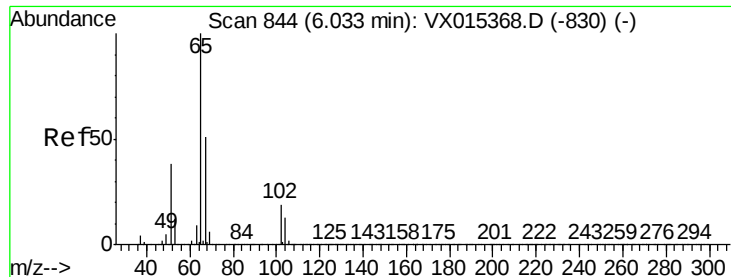
Delta R.T. 0.01 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		920205		
99	64.7	51.0	76.4		
61	45.2	36.1	54.1		





#33

1,2-Dichloroethane-d4

Concen: 44.790 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tot Ion: 65 Resp: 710966

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6

Instrument :

MSVOA_X

ClientSampleId :

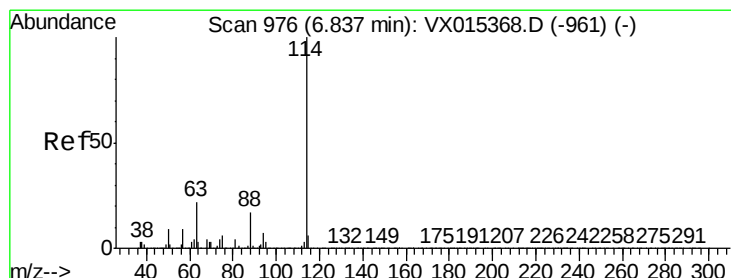
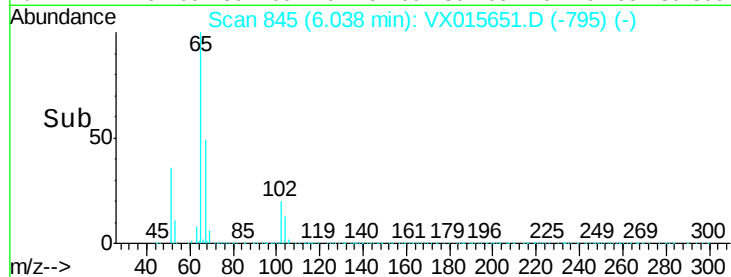
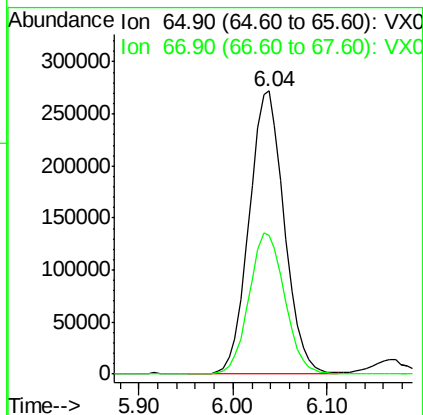
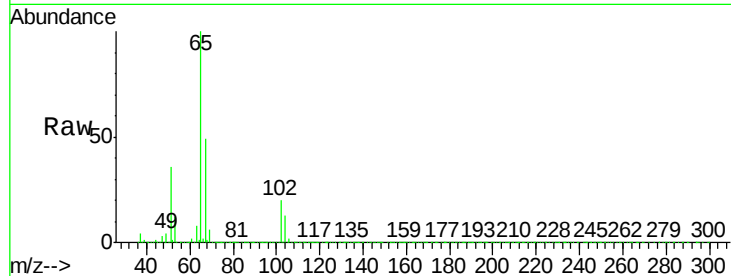
VSTDCCC050EC

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

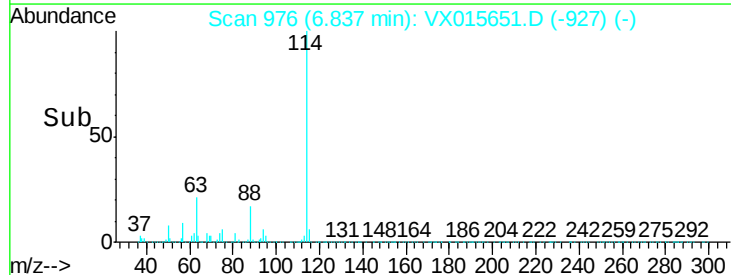
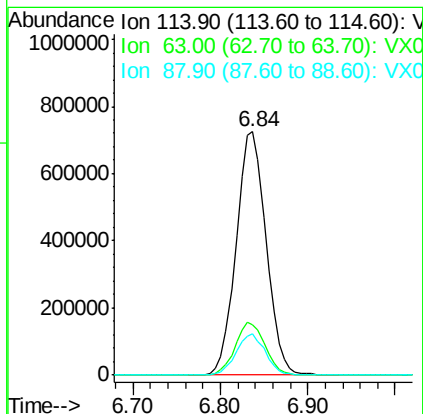
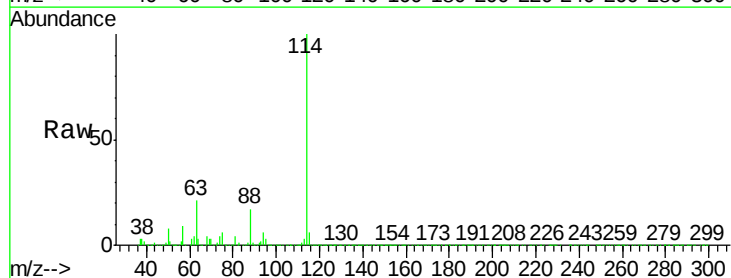
Tgt Ion: 114 Resp: 1728229

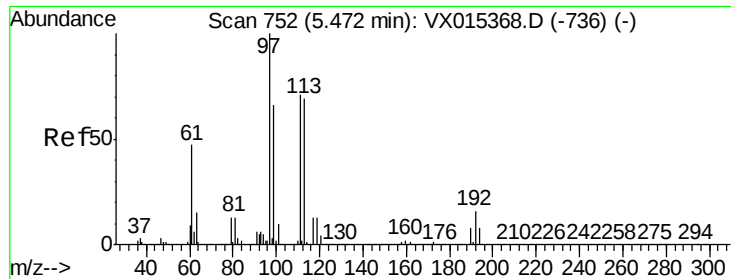
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.2

88 16.7 0.0 33.8





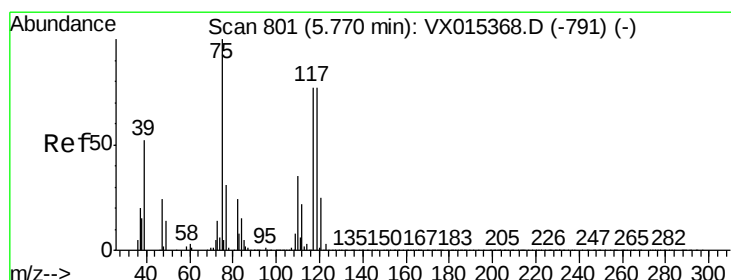
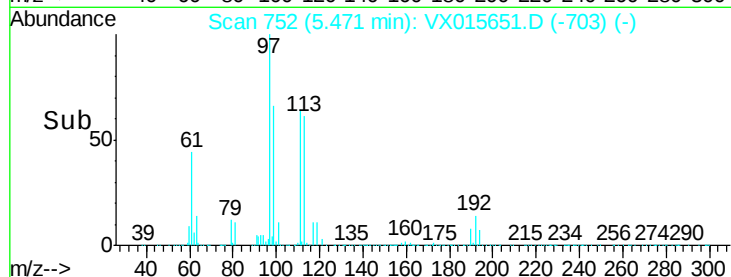
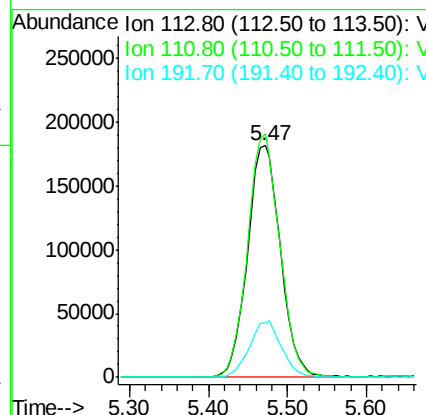
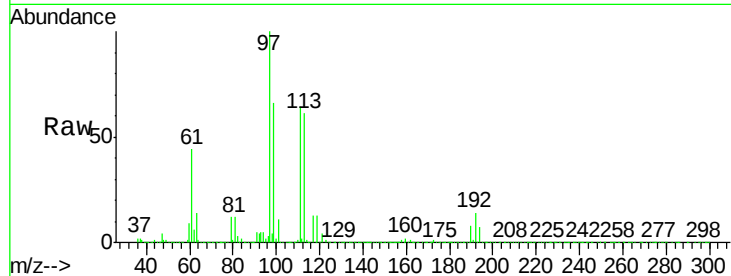
#35
Dibromofluoromethane
Concen: 47.818 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	528265		
111	102.3	81.5	122.3	
192	23.6	17.8	26.6	

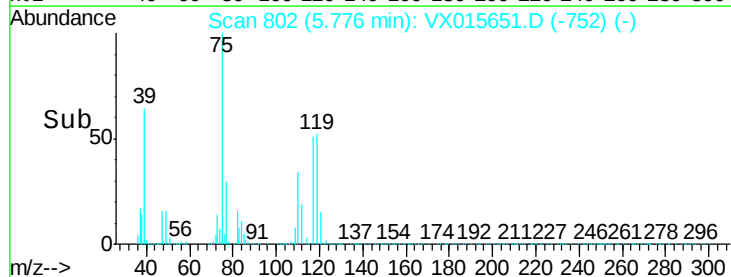
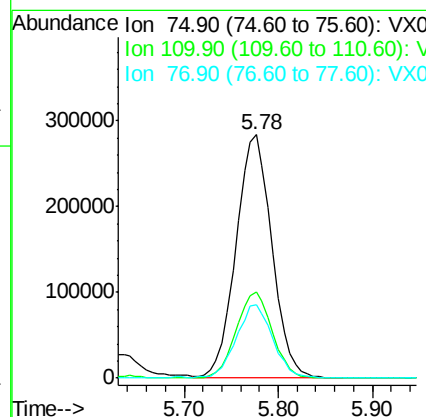
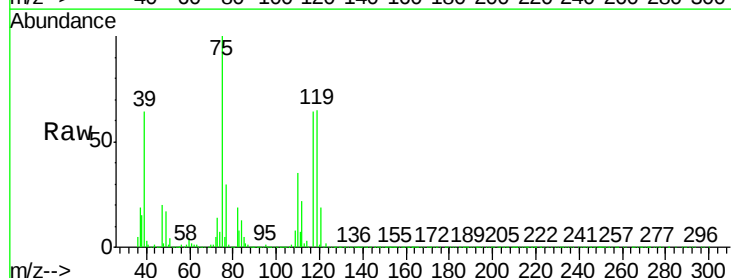
Manual Integrations
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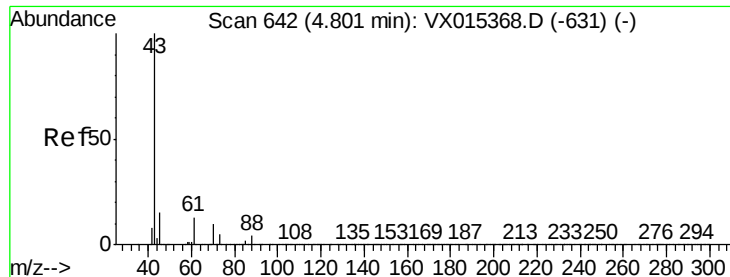
MMDadoda
4/14/2020 10:11:55 AM



#36
1,1-Dichloropropene
Concen: 47.092 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	749872		
110	35.8	17.1	51.3	
77	30.3	24.6	36.8	





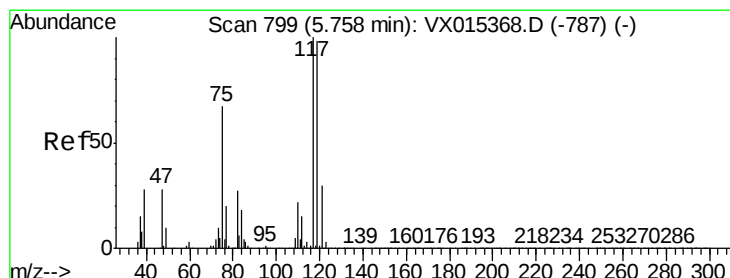
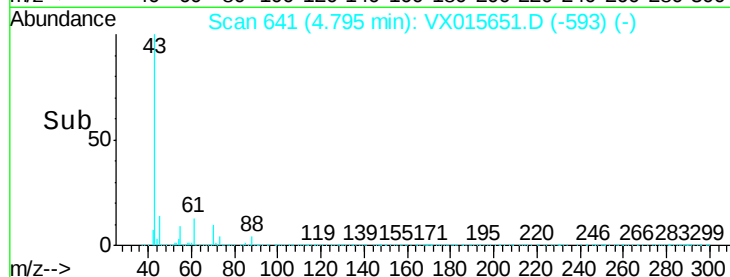
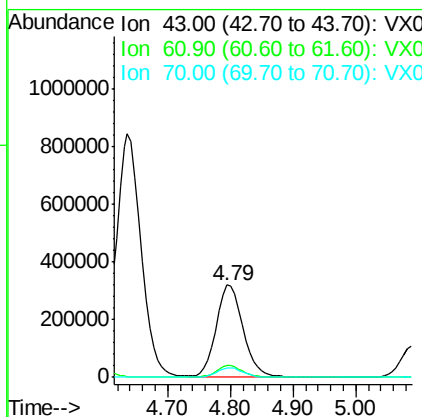
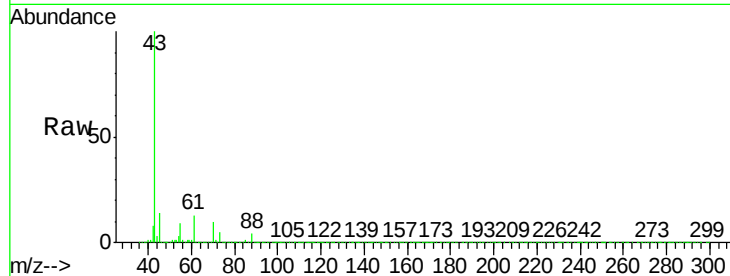
#37
Ethyl Acetate
Concen: 45.910 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	951887
Ion Ratio	Lower	Upper	
43	100		
61	12.2	9.9	14.9
70	9.9	8.1	12.1

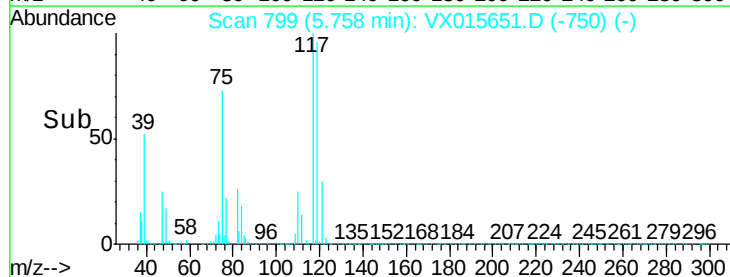
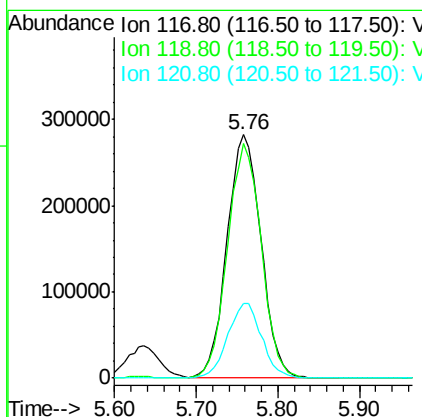
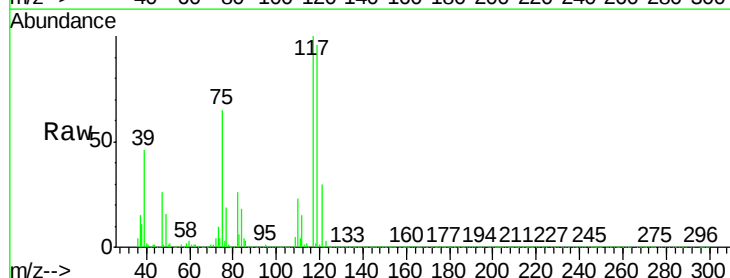
Manual Integrations
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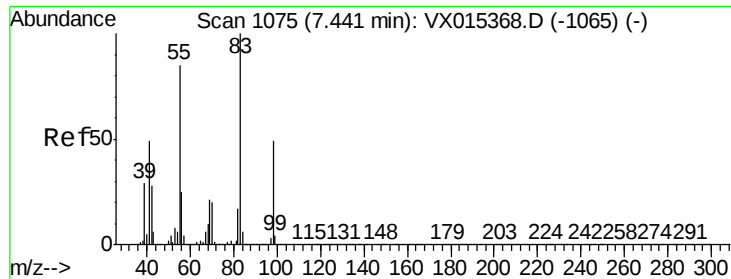
MMDadoda
4/14/2020 10:11:55 AM



#38
Carbon Tetrachloride
Concen: 47.189 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	117	Resp	813865
Ion Ratio	Lower	Upper	
117	100		
119	96.4	78.0	117.0
121	30.4	23.8	35.8





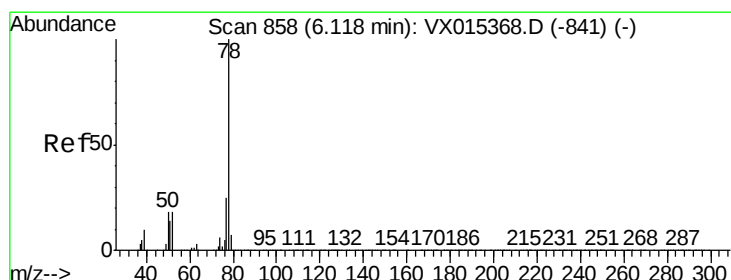
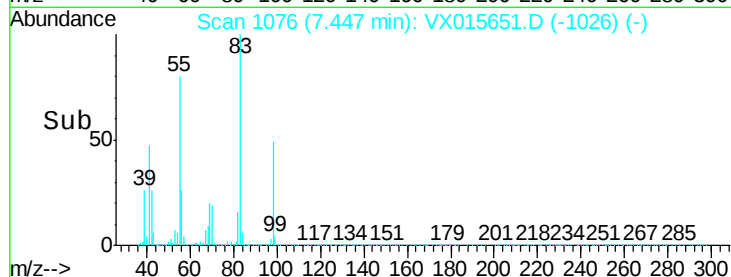
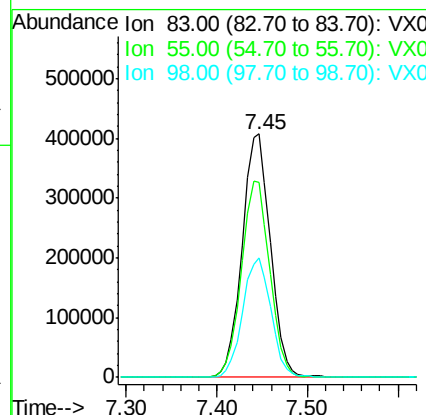
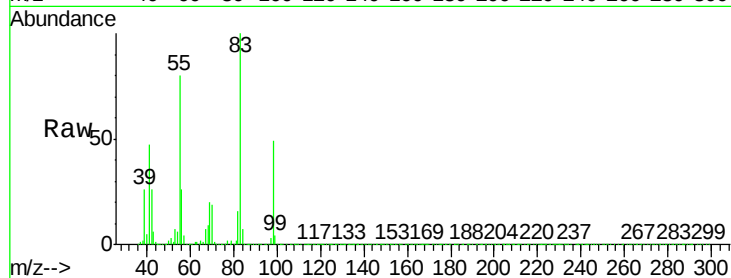
#39
Methvlcvclohexane
Concen: 47.906 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	67.8	101.6
98	48.9	39.3	58.9

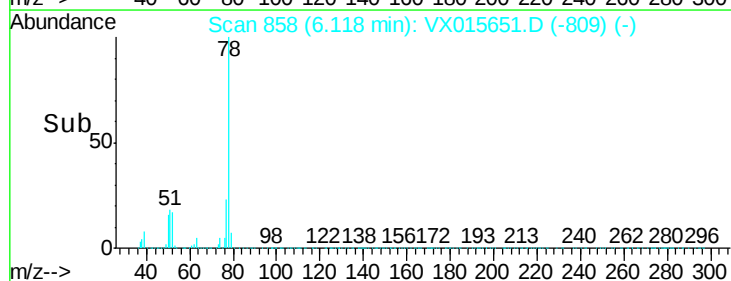
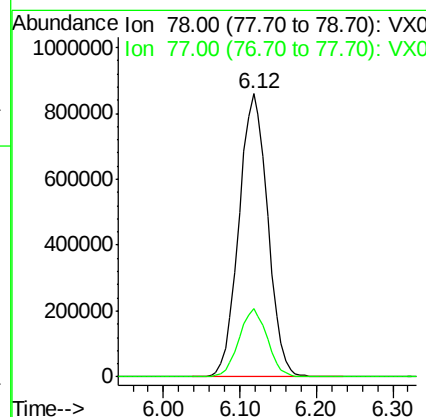
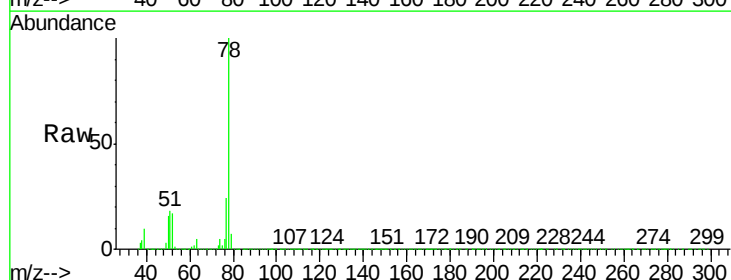
Manual Integrations
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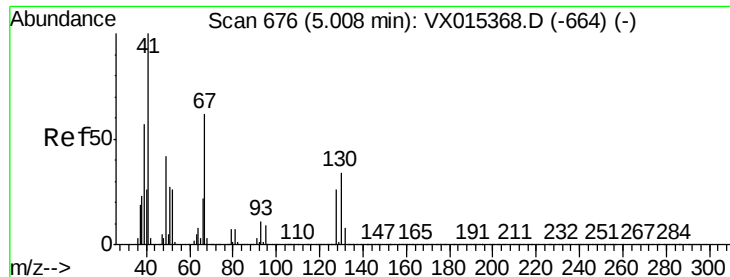
MMDadoda
4/14/2020 10:11:55 AM



#40
Benzene
Concen: 48.147 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.8	29.8





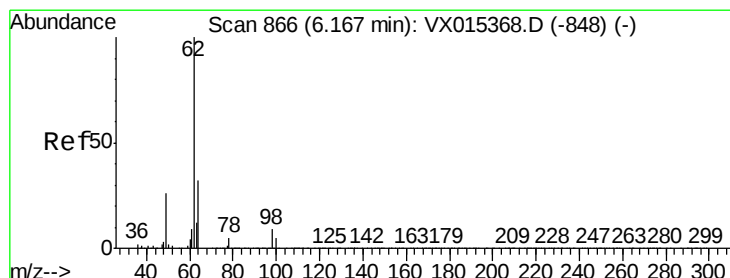
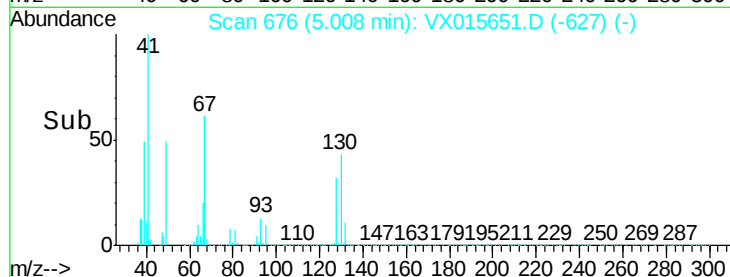
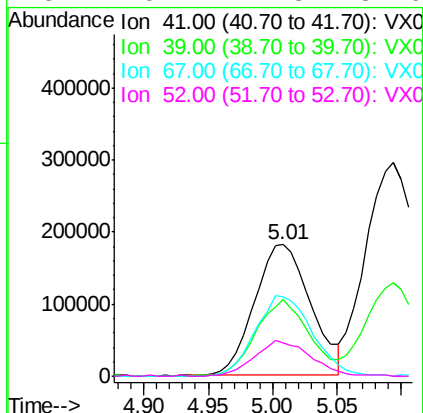
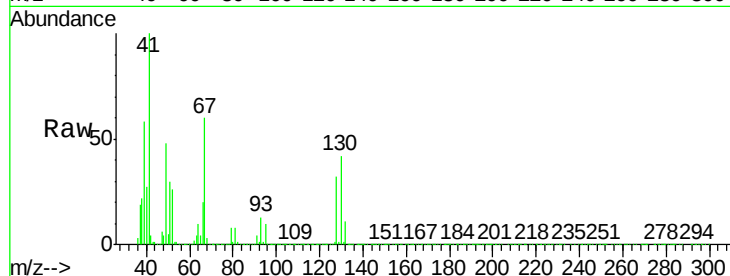
#41
Methacrylonitrile
Concen: 47.951 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	44.5	66.7	
67	62.3	48.9	73.3	
52	26.2	21.8	32.6	

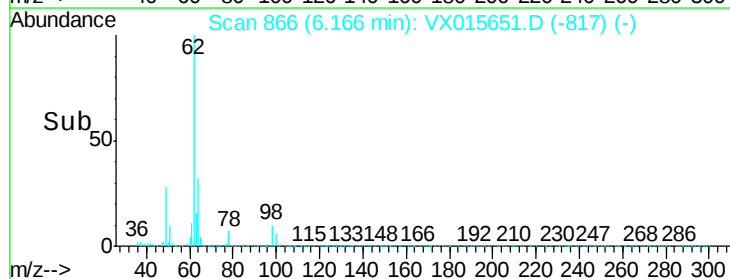
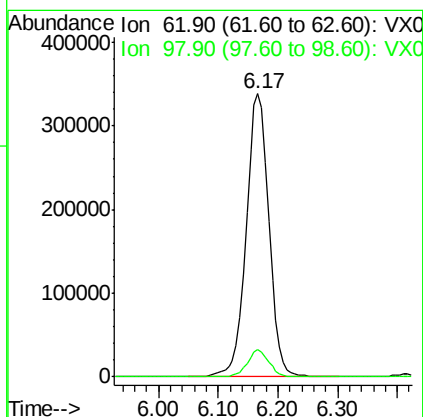
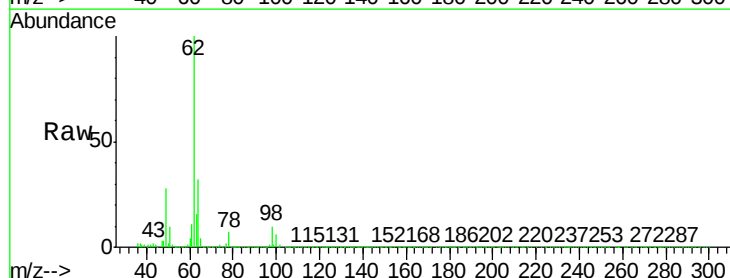
Manual Integrations
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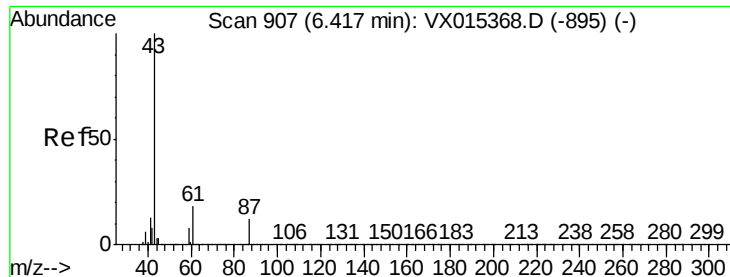
MMDadoda
4/14/2020 10:11:55 AM



#42
1,2-Dichloroethane
Concen: 47.930 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	17.6	





#43

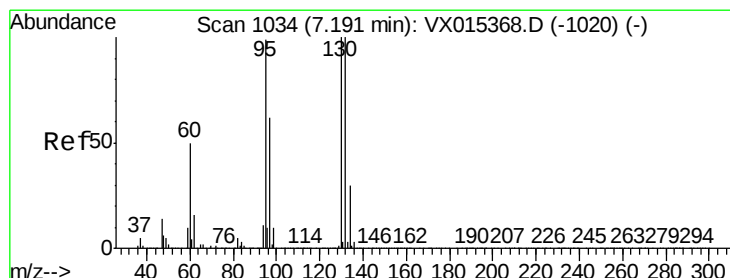
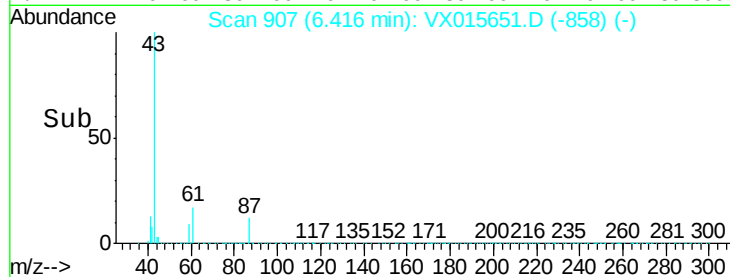
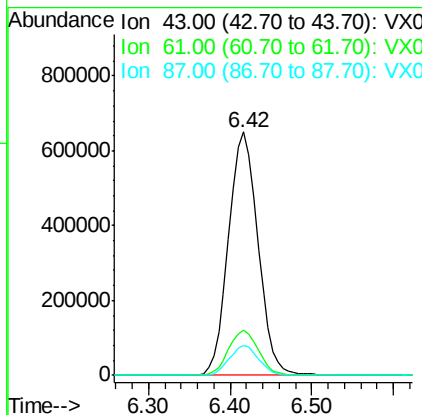
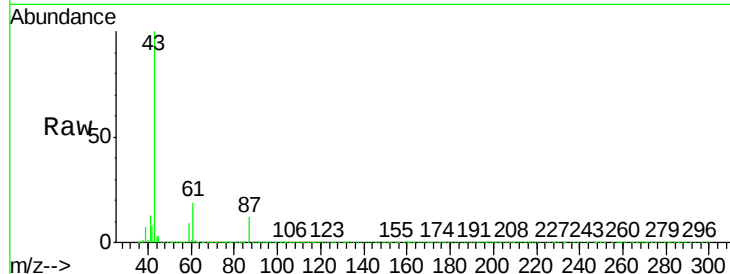
Isopropyl Acetate
 Concen: 46.196 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.8	22.2
87	12.2	9.4	14.0

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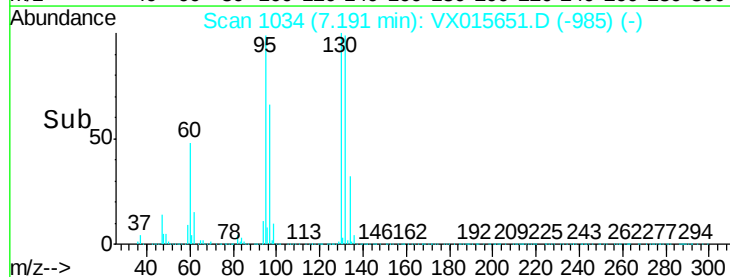
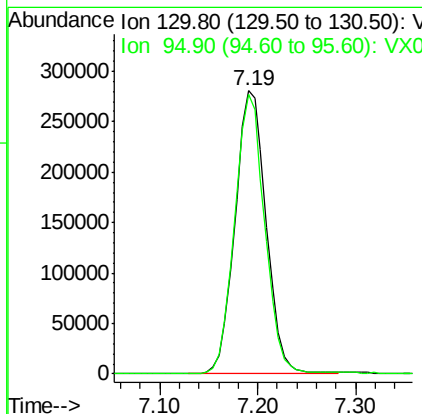
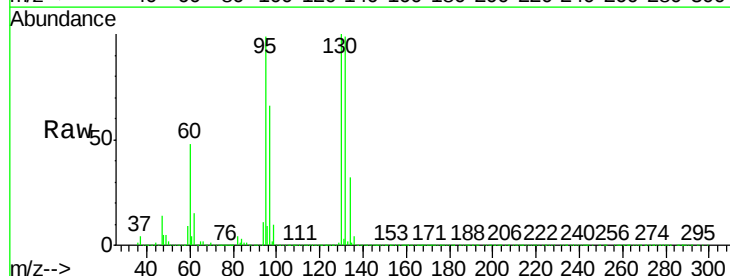
MMDadoda
 4/14/2020 10:11:55 AM

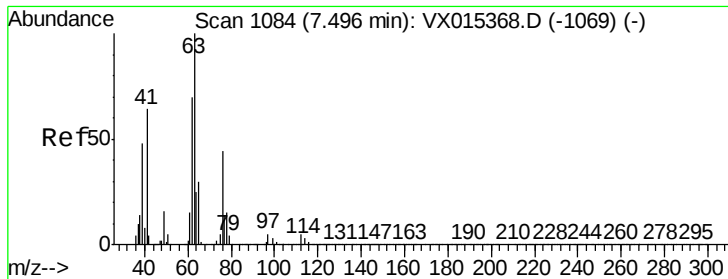


#44

Trichloroethene
 Concen: 48.576 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	199.0





#45

1,2-Dichloropropane

Concen: 46.995 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 599669

Ion Ratio Lower Upper

63 100

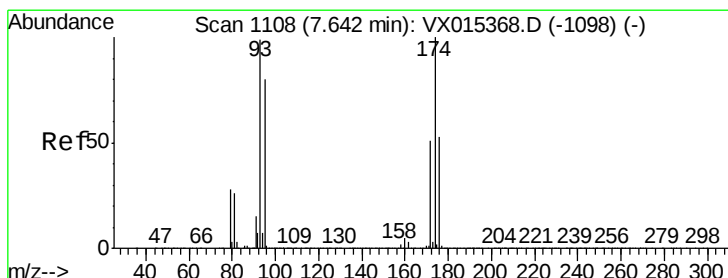
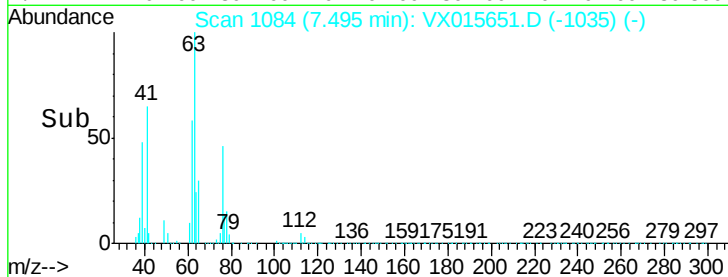
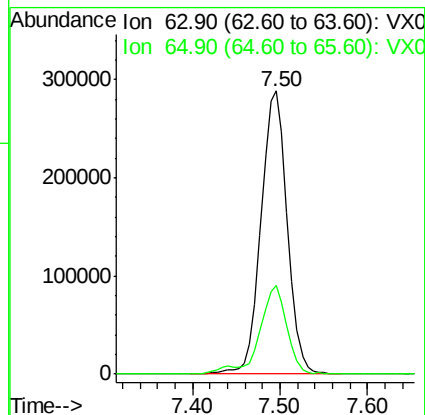
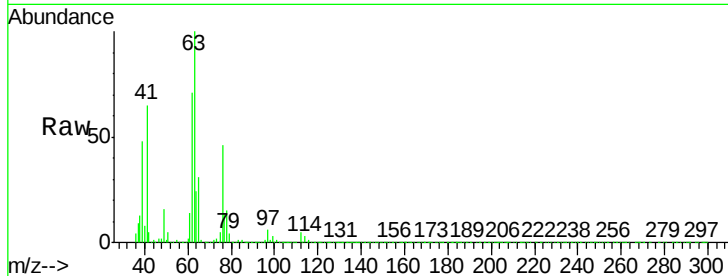
65 31.2 23.9 35.9

Manual Integrations

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MMDadoda

4/14/2020 10:11:55 AM



#46

Dibromomethane

Concen: 48.209 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

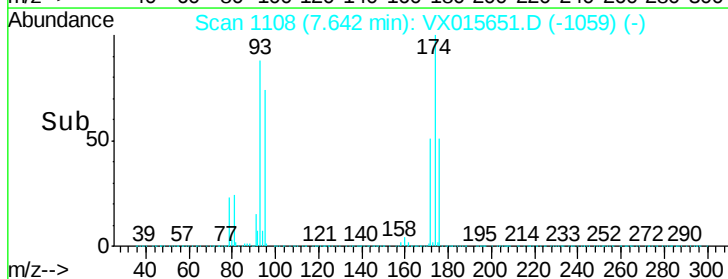
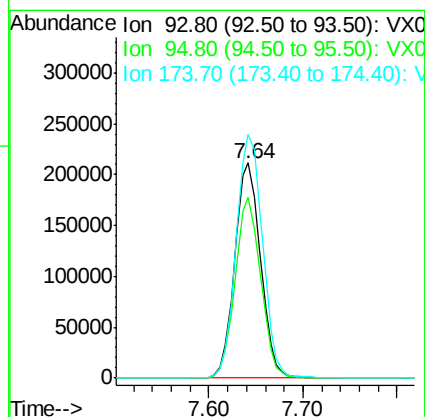
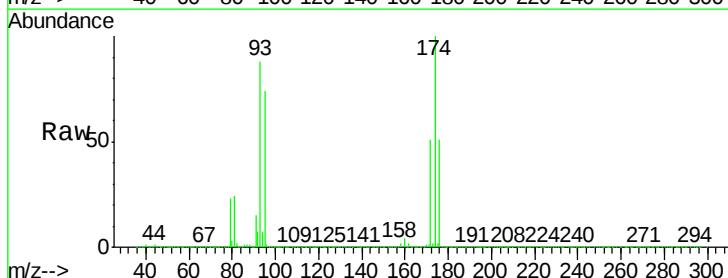
Tgt Ion: 93 Resp: 403525

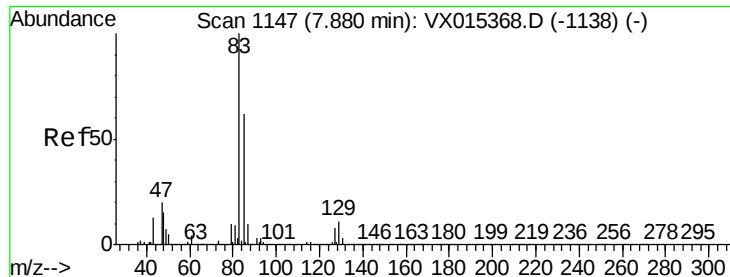
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 116.6 86.2 129.2





#47

Bromodichloromethane

Concen: 47.305 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

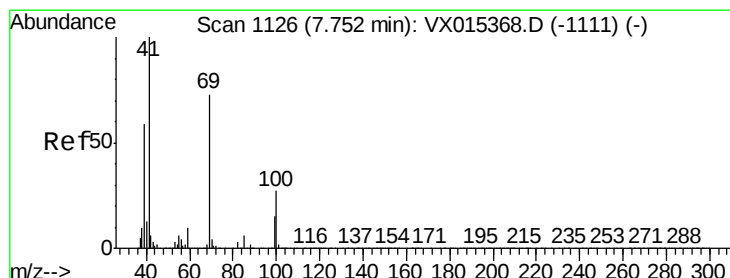
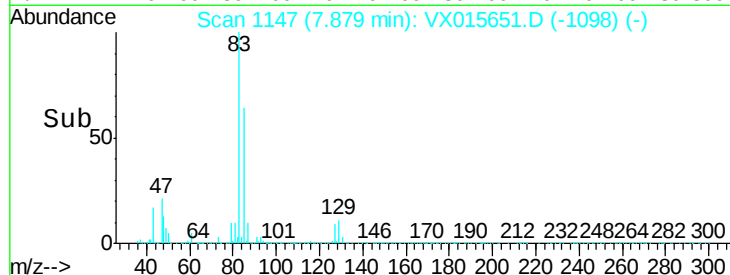
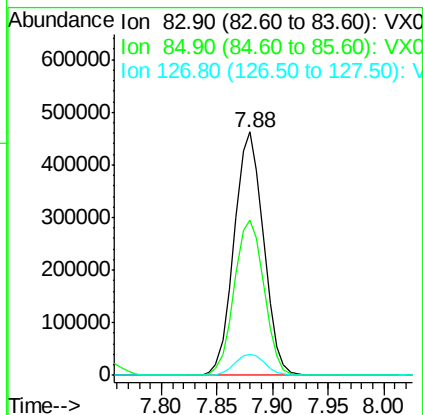
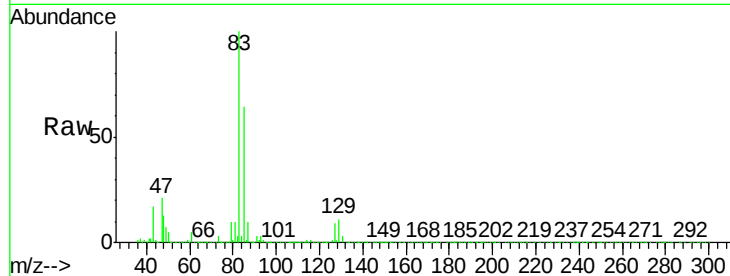
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	843715
Ion Ratio	Lower	Upper	
83	100		
85	63.6	49.7	74.5
127	8.6	6.7	10.1

Manual Integrations
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4/14/2020 10:11:55 AM



#48

Methyl methacrylate

Concen: 46.388 ug/l

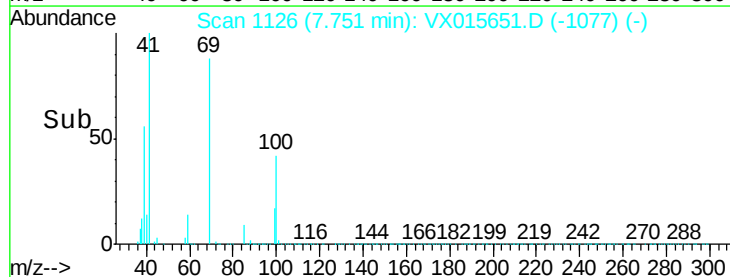
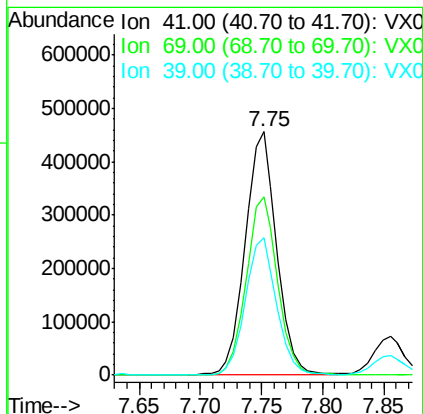
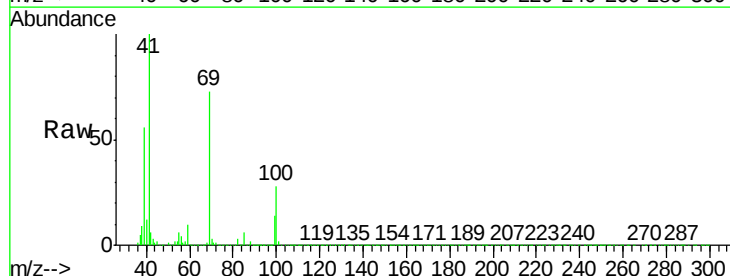
RT: 7.75 min Scan# 1126

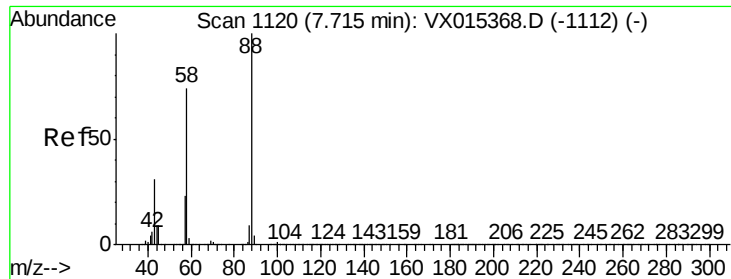
Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion:	41	Resp:	810987
Ion Ratio	Lower	Upper	
41	100		
69	73.1	56.7	85.1
39	55.9	46.5	69.7





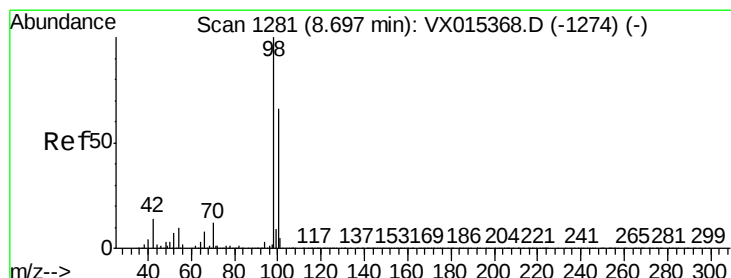
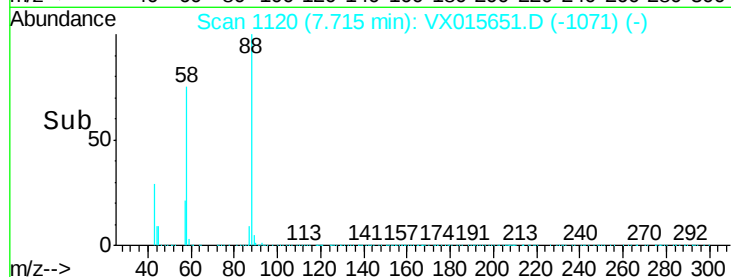
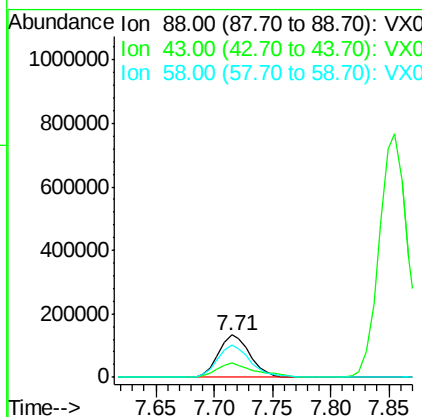
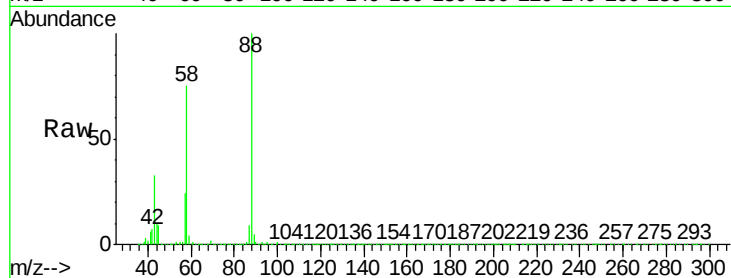
#49
1,4-Dioxane
Concen: 774.018 ug/l
RT: 7.71 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.2	30.1	45.1
58	77.1	60.6	90.8

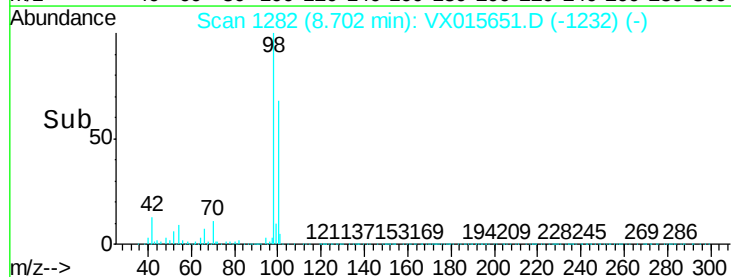
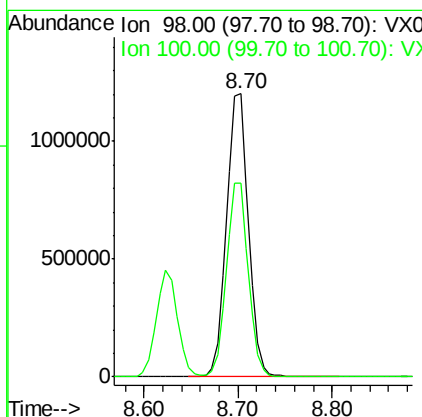
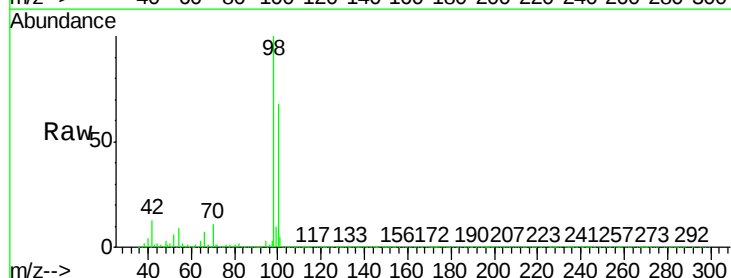
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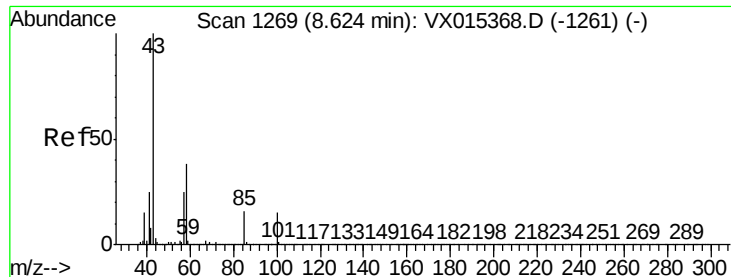
MMDadoda
4/14/2020 10:11:55 AM



#50
Toluene-d8
Concen: 47.560 ug/l
RT: 8.70 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.2	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 238.268 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tot Ion: 43 Resp: 4726209

Ion Ratio Lower Upper

43 100

58 37.5 29.7 44.5

Instrument :

MSVOA_X

ClientSampleId :

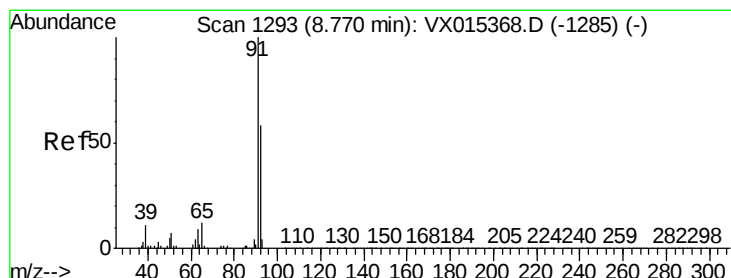
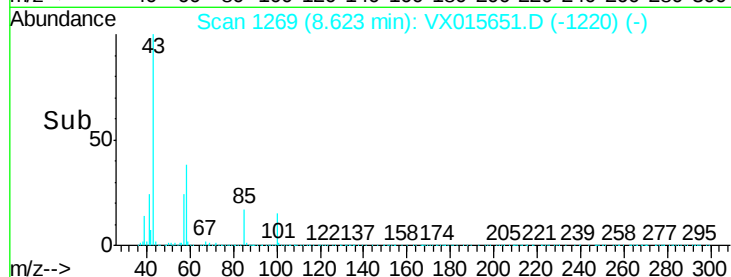
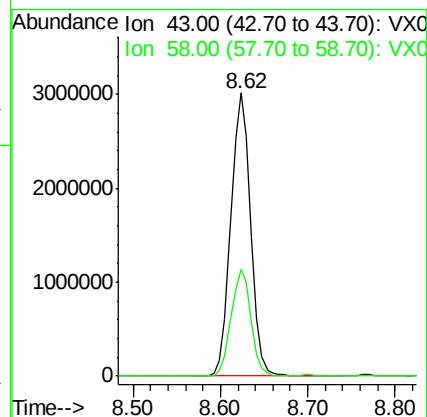
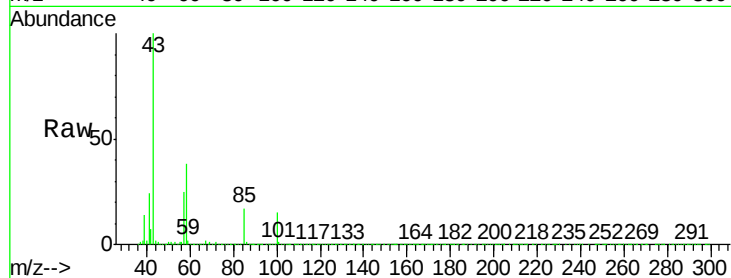
VSTDCCC050EC

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4/14/2020 10:11:55 AM



#52

Toluene

Concen: 49.151 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015651.D

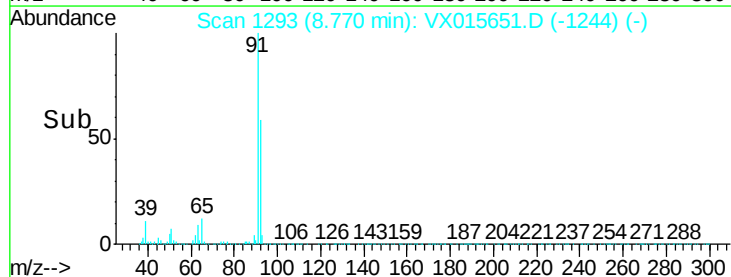
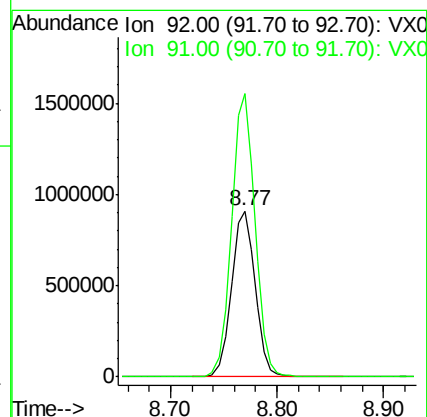
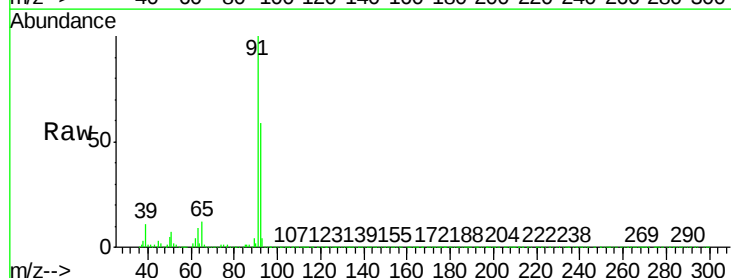
Acq: 13 Apr 2020 18:42

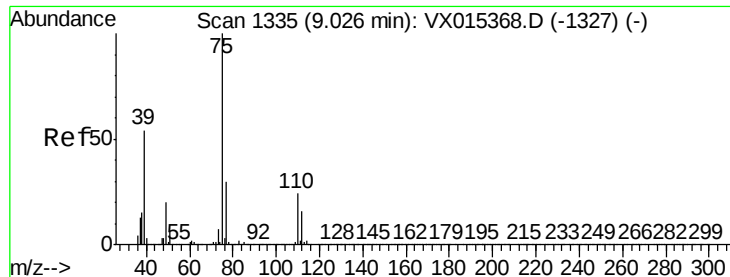
Tgt Ion: 92 Resp: 1413478

Ion Ratio Lower Upper

92 100

91 169.1 136.6 205.0





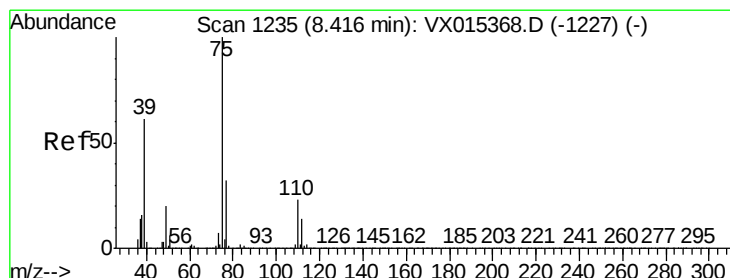
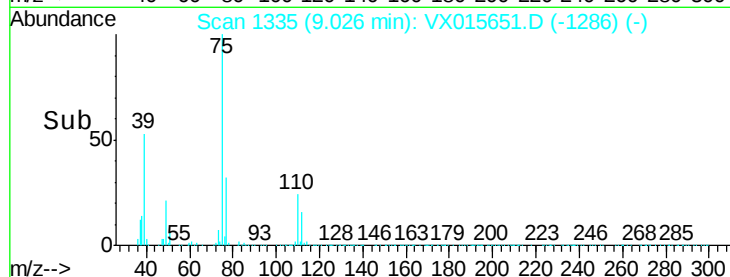
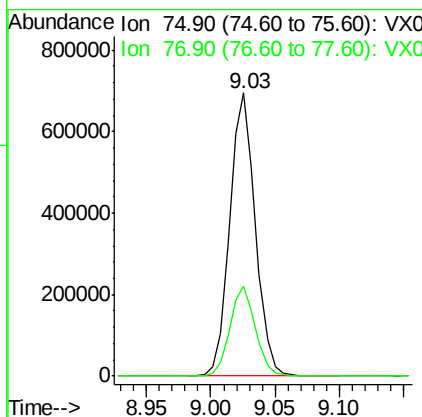
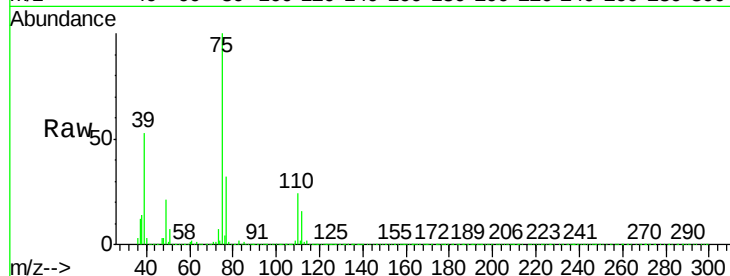
#53
t-1,3-Dichloropropene
Concen: 46.085 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.1	36.1

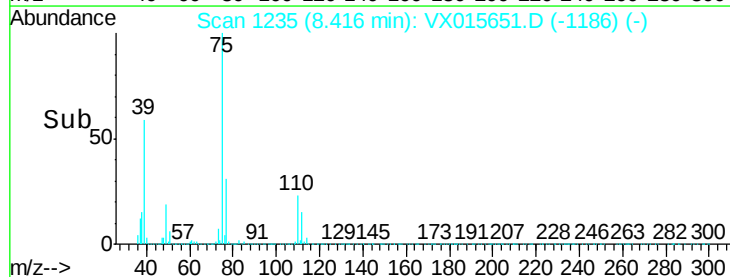
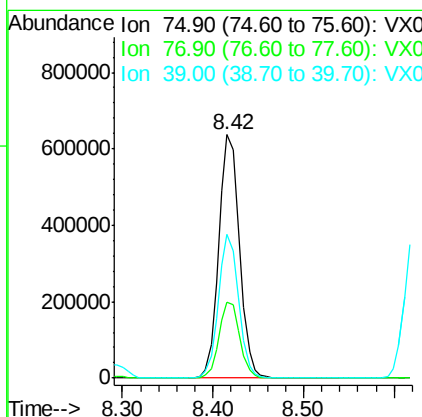
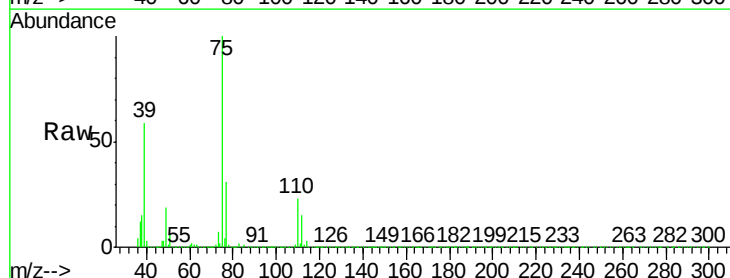
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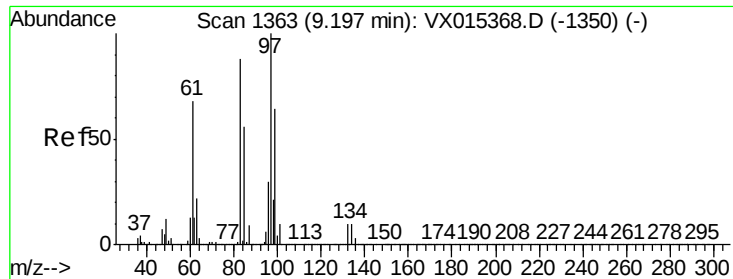
MMDadoda
4/14/2020 10:11:55 AM



#54
cis-1,3-Dichloropropene
Concen: 47.563 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.8	38.6
39	58.8	49.0	73.4





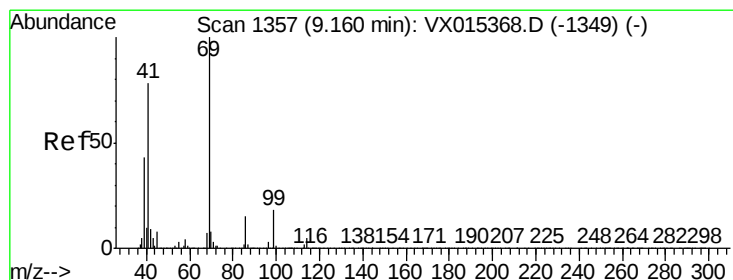
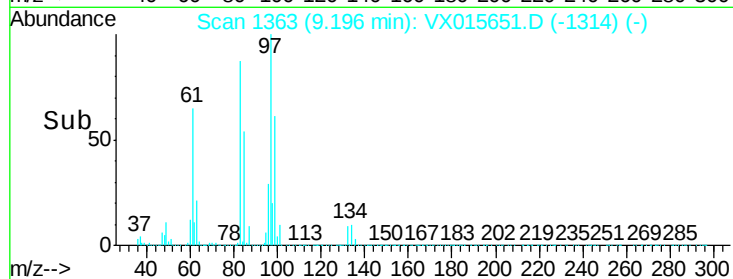
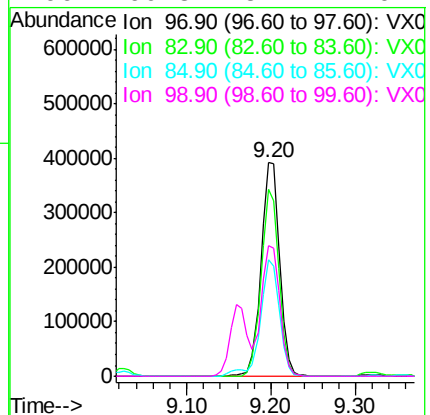
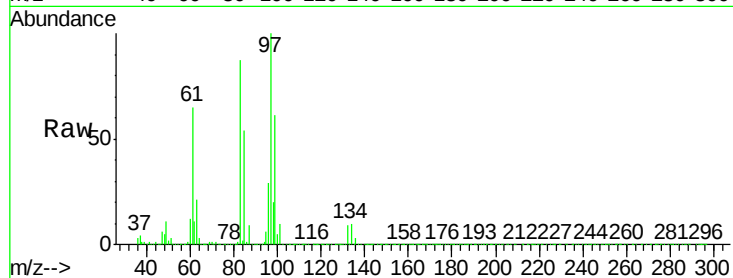
#55
1,1,2-Trichloroethane
Concen: 50.432 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		594194		
83	87.2	70.2	105.4		
85	54.4	44.7	67.1		
99	60.8	51.1	76.7		

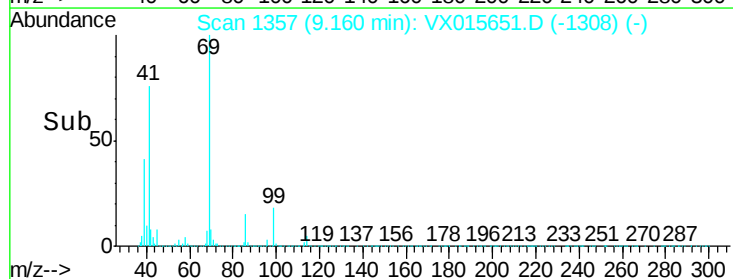
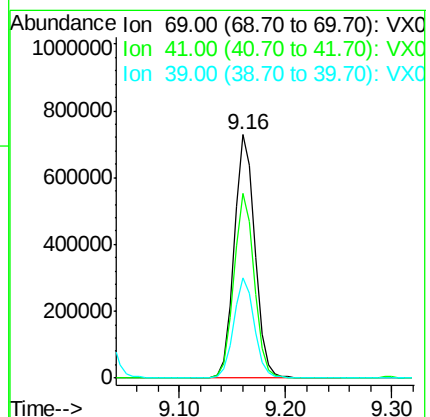
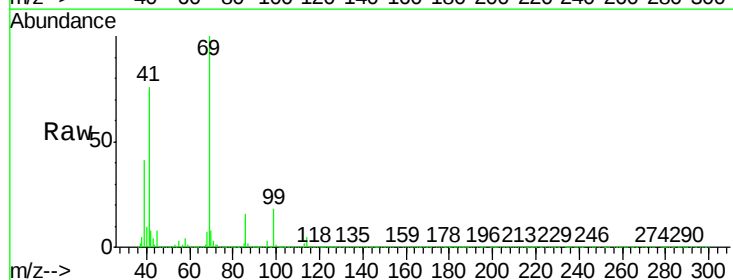
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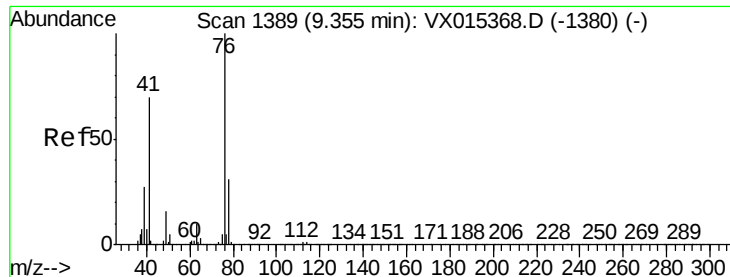
MMDadoda
4/14/2020 10:11:55 AM



#56
Ethyl methacrylate
Concen: 47.793 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		992399		
41	75.0	61.6	92.4		
39	40.6	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 47.823 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1015178

Ion Ratio Lower Upper

76 100

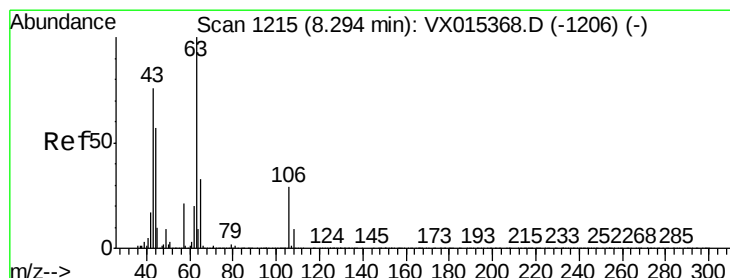
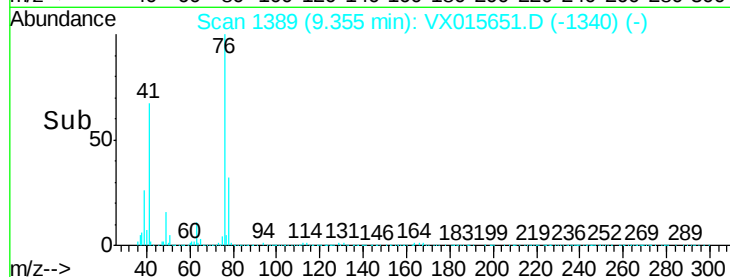
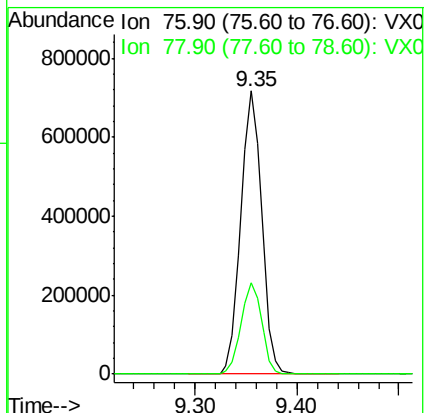
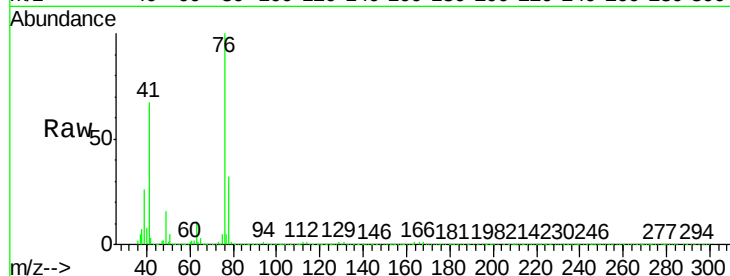
78 32.1 25.8 38.8

Manual Integrations

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MMDadoda

4/14/2020 10:11:55 AM



#58

2-Chloroethyl Vinyl ether

Concen: 233.332 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015651.D

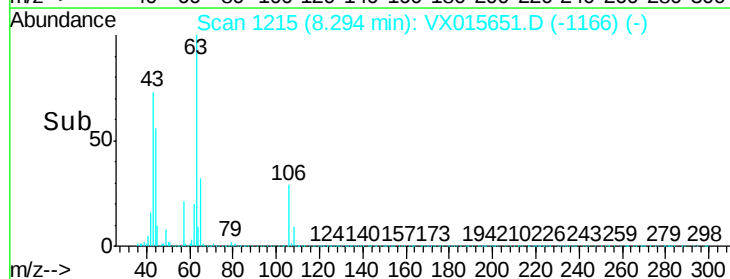
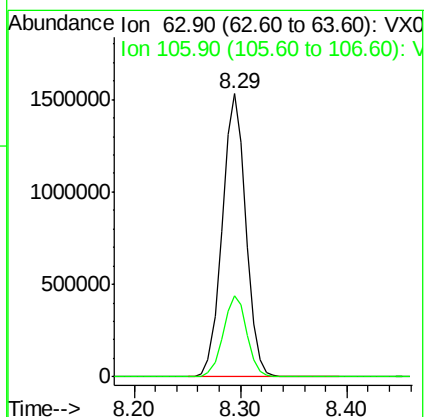
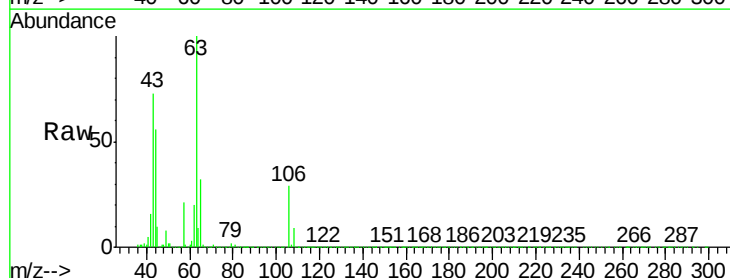
Acq: 13 Apr 2020 18:42

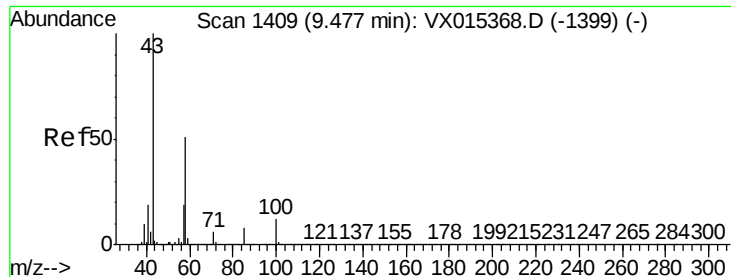
Tgt Ion: 63 Resp: 2356656

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1





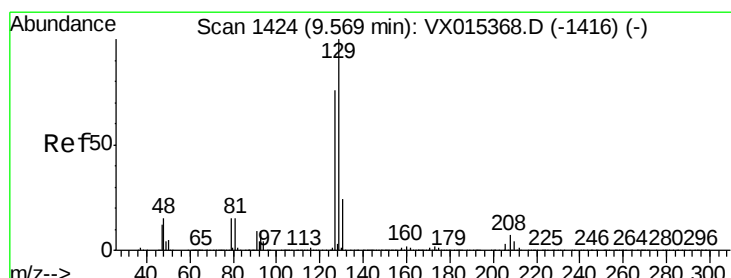
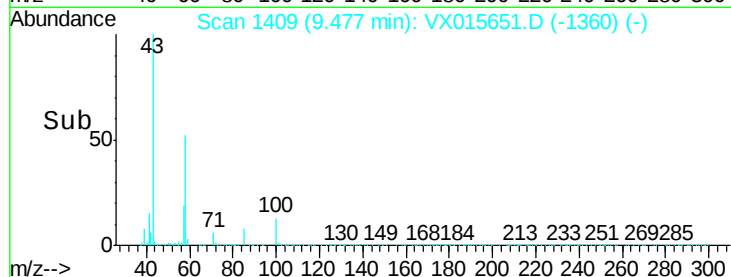
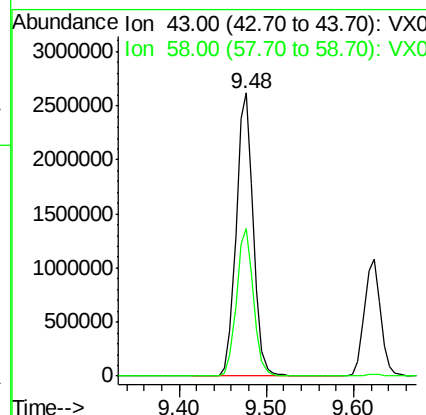
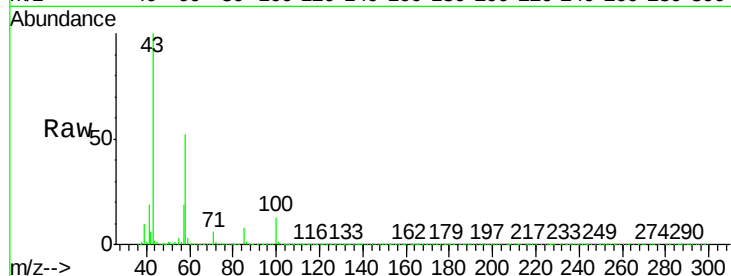
#59
2-Hexanone
Concen: 238.724 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3575021
Ion Ratio Lower Upper
43 100
58 52.0 25.6 76.6

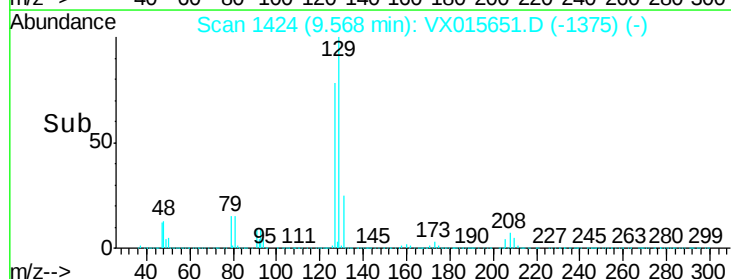
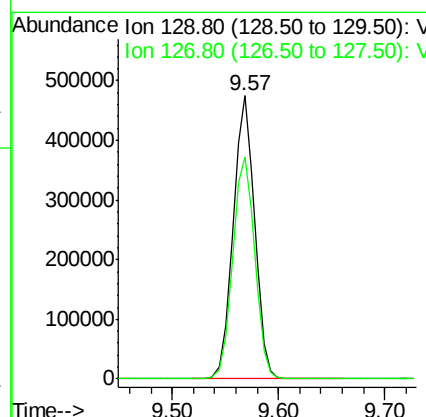
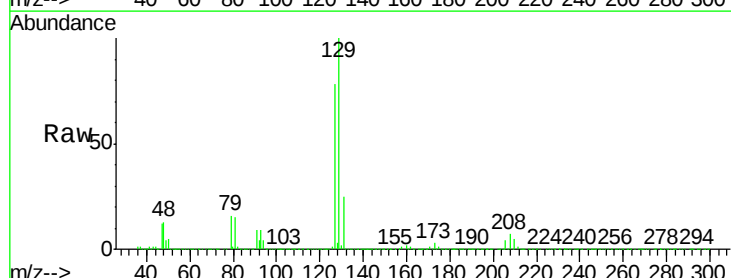
Manual Integrations
APPROVED

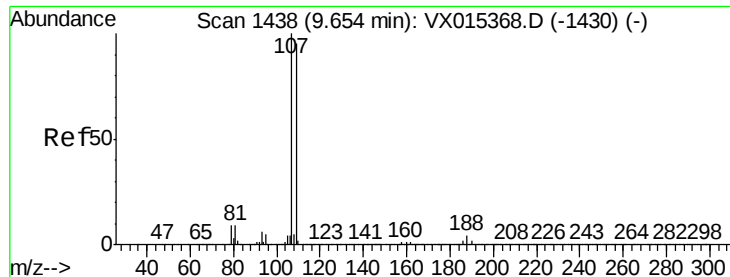
MMDadoda
4/14/2020 10:11:55 AM



#60
Dibromochloromethane
Concen: 47.411 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:129 Resp: 671237
Ion Ratio Lower Upper
129 100
127 80.8 38.2 114.6





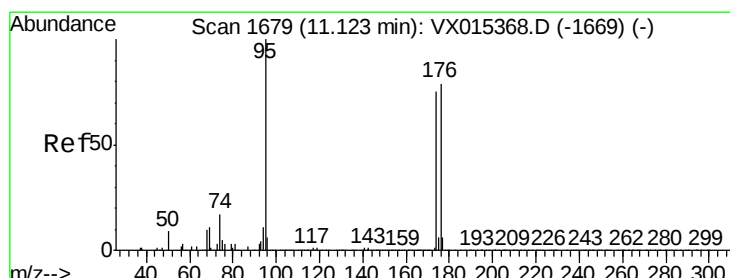
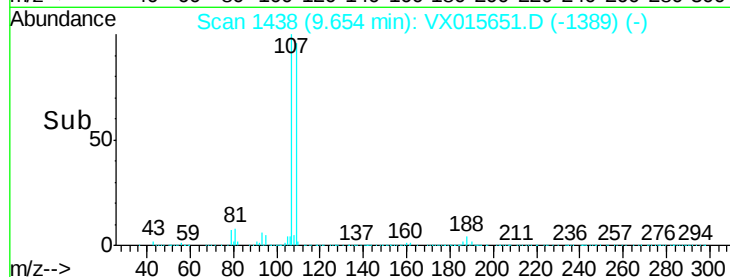
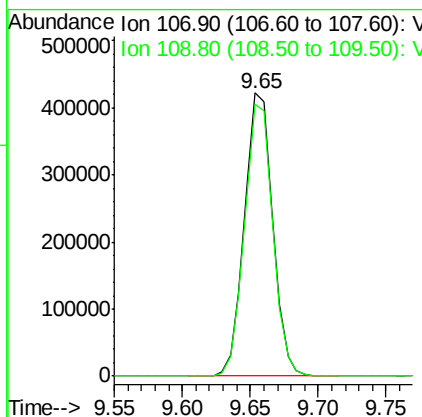
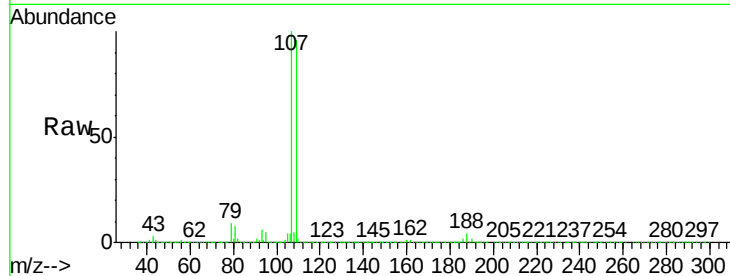
#61
 1,2-Dibromoethane
 Concen: 48.073 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	615881		
109	96.1	74.8	112.2	

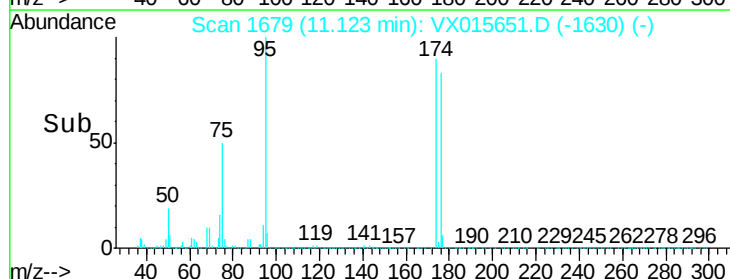
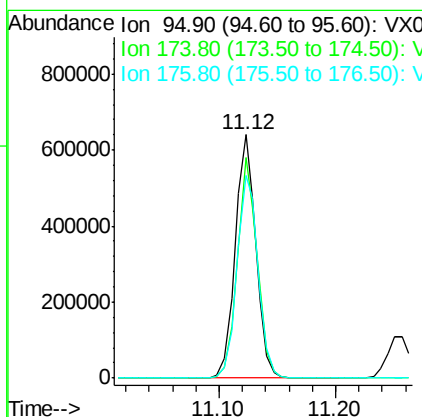
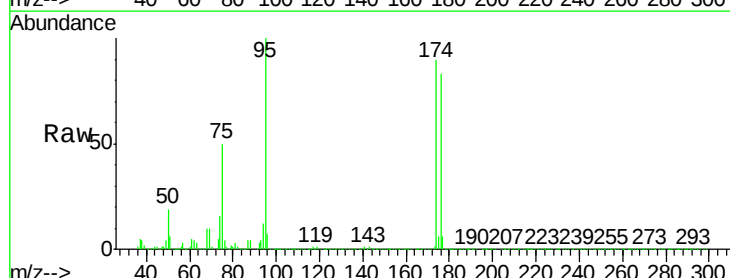
Manual Integrations
 APPROVED

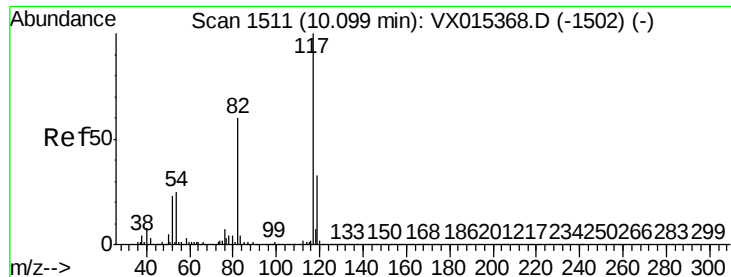
MMDadoda
 4/14/2020 10:11:55 AM



#62
 4-Bromofluorobenzene
 Concen: 47.721 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	788819		
174	87.2	0.0	158.6	
176	85.1	0.0	159.0	





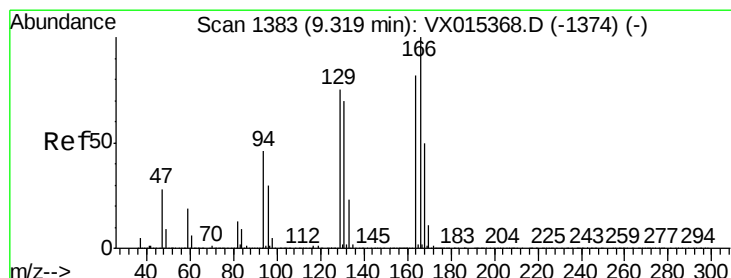
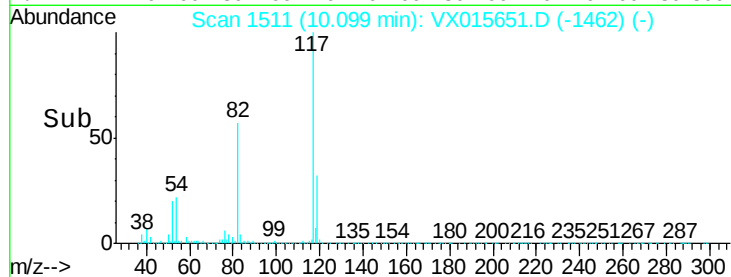
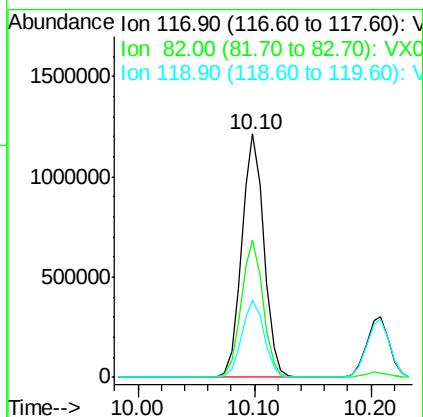
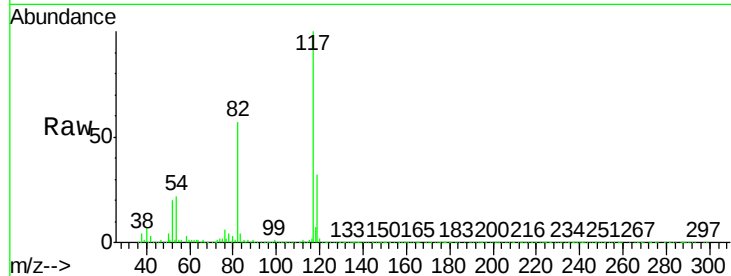
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.8	71.8
119	31.9	26.8	40.2

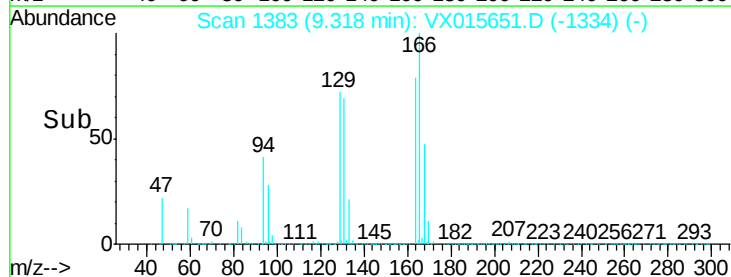
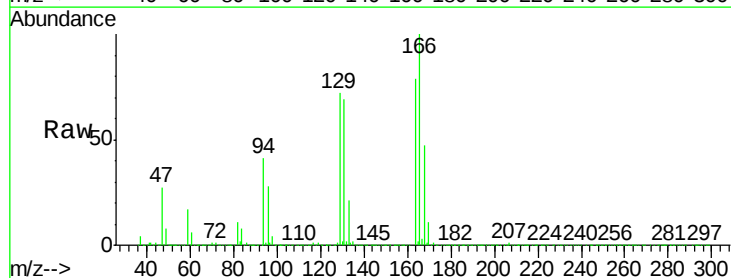
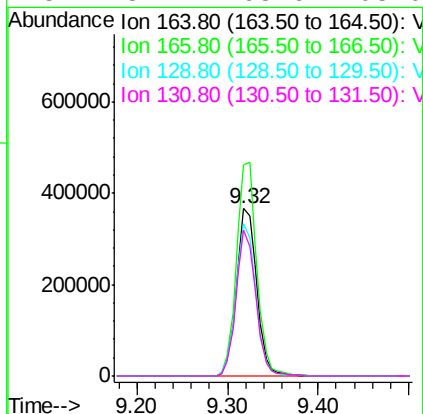
Manual Integrations
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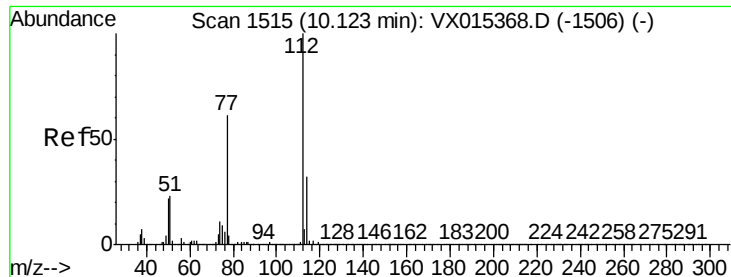
MMDadoda
4/14/2020 10:11:55 AM



#64
Tetrachloroethene
Concen: 46.854 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	97.8	146.6
129	90.9	73.0	109.4
131	87.2	68.6	103.0





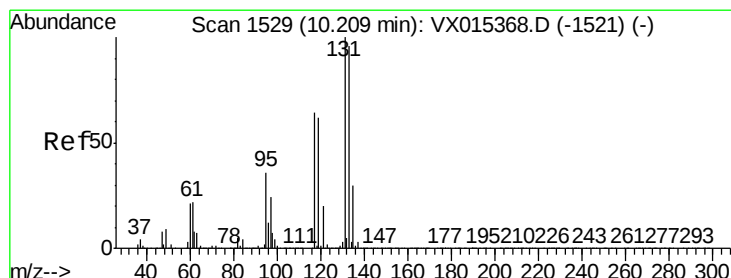
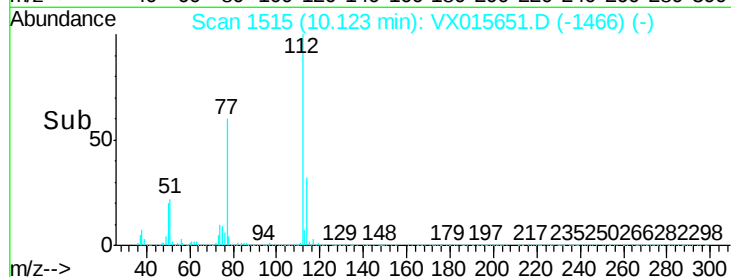
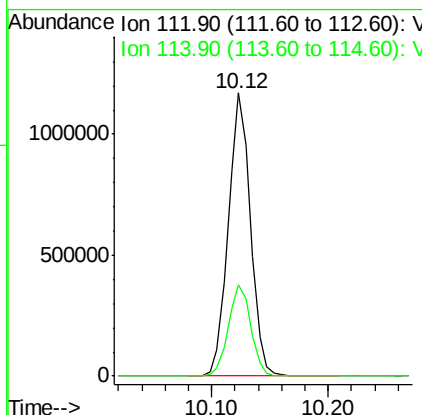
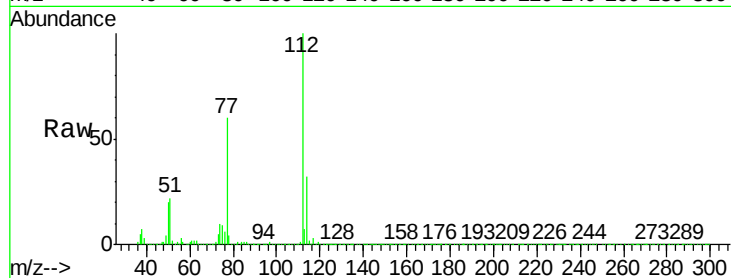
#65
Chlorobenzene
Concen: 48.153 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1543084
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

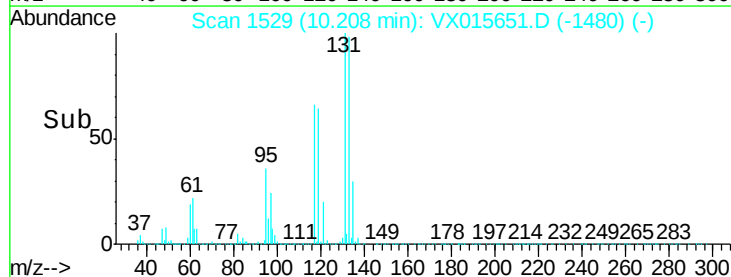
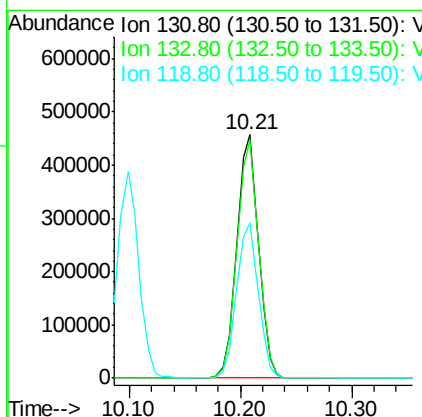
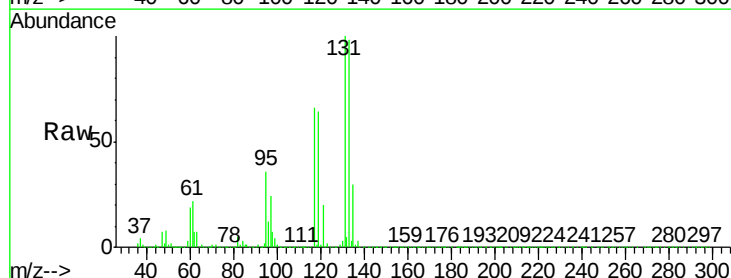
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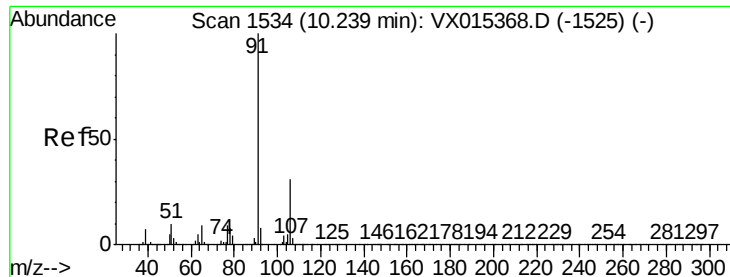
MMDadoda
4/14/2020 10:11:55 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.190 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:131 Resp: 616942
Ion Ratio Lower Upper
131 100
133 97.6 47.6 142.9
119 64.0 31.1 93.3





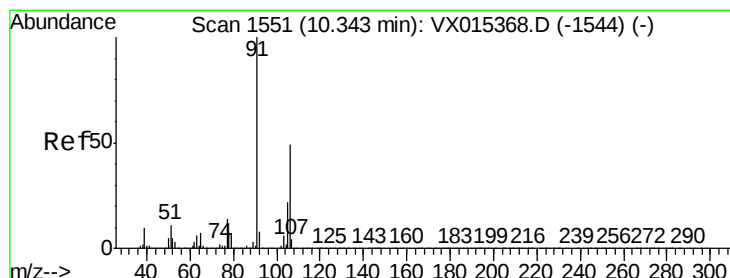
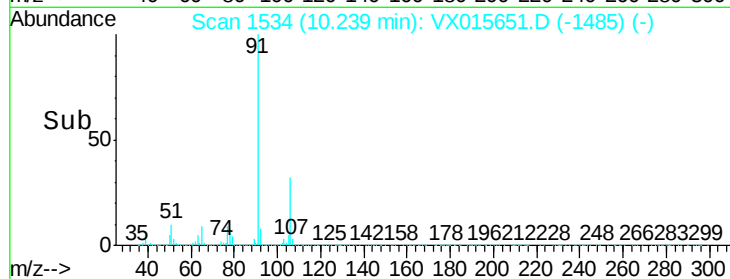
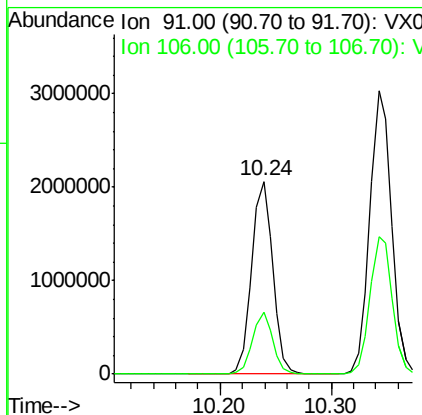
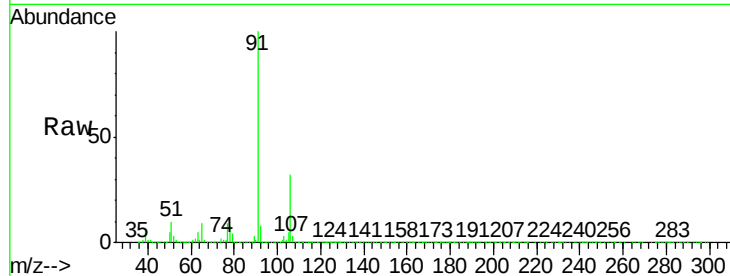
#67
Ethyl Benzene
Concen: 48.170 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2737789
Ion Ratio Lower Upper
91 100
106 32.2 24.8 37.2

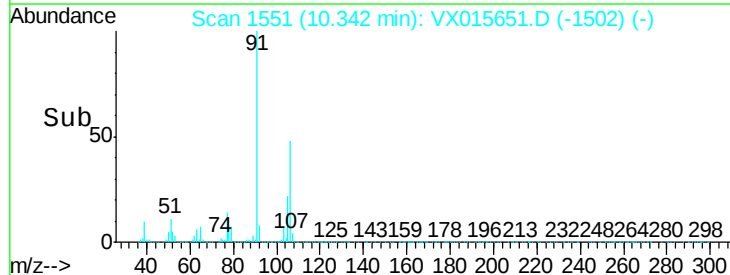
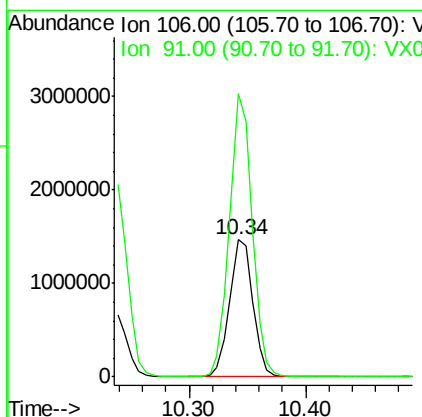
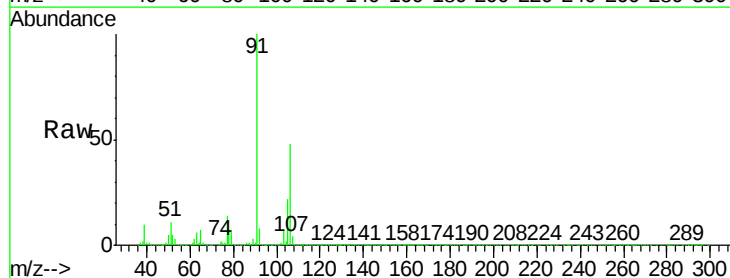
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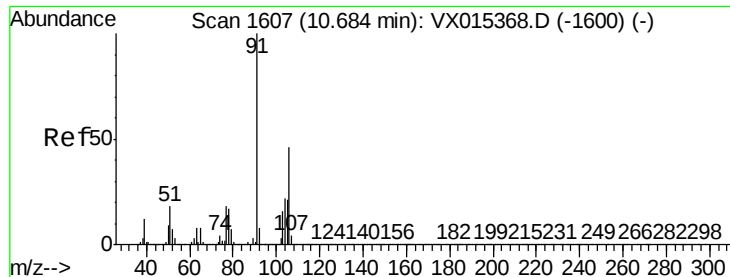
MMDadoda
4/14/2020 10:11:55 AM



#68
m/p-Xylenes
Concen: 97.054 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion: 106 Resp: 2054037
Ion Ratio Lower Upper
106 100
91 201.8 163.4 245.0





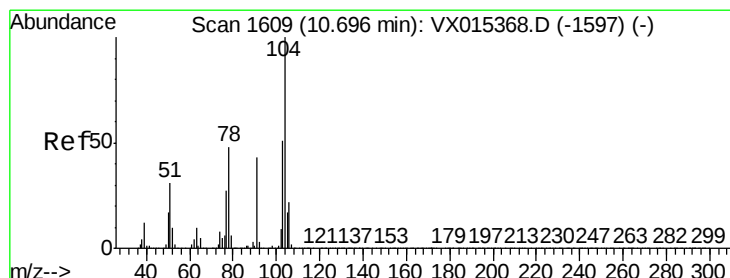
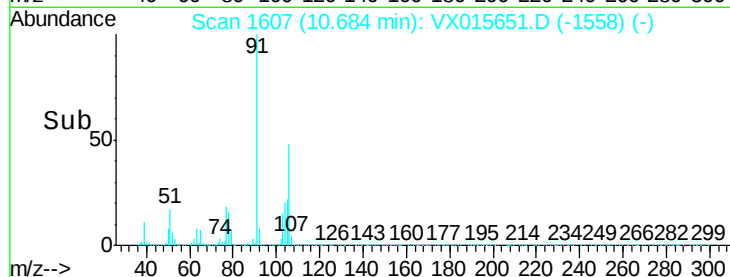
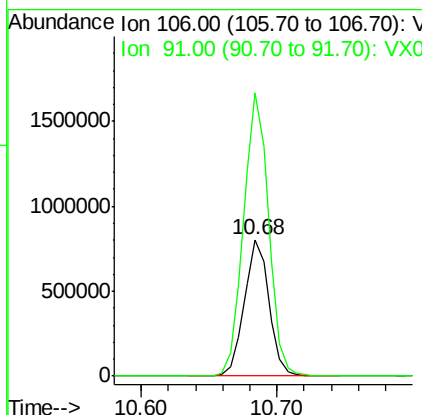
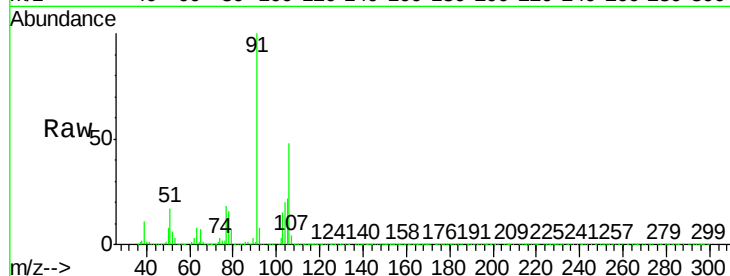
#69
o-Xylene
Concen: 48.577 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 1015906
Ion Ratio Lower Upper
106 100
91 210.8 107.1 321.3

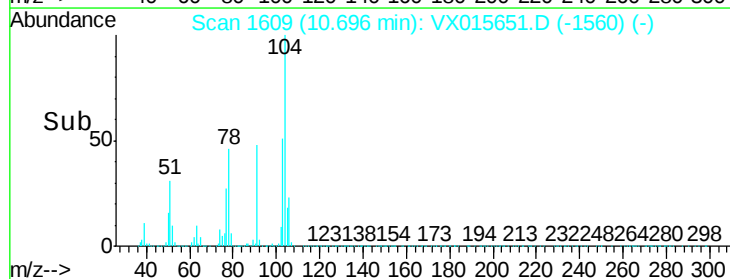
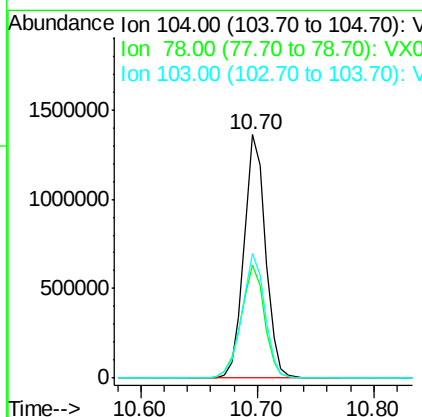
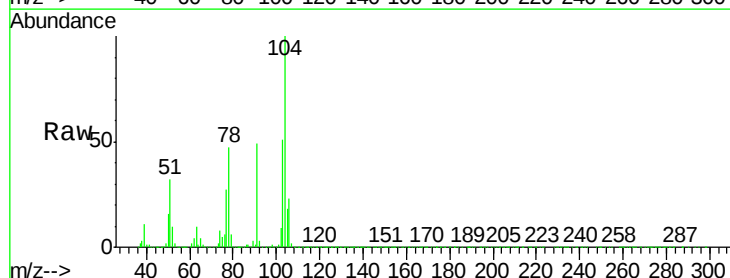
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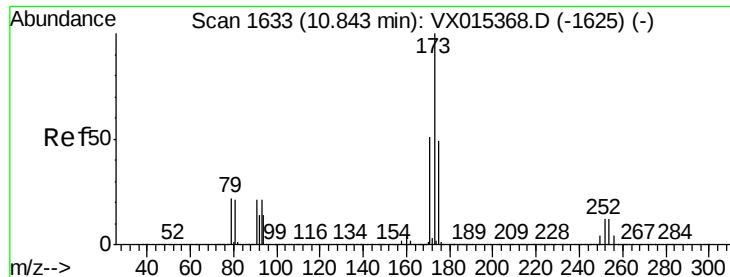
MMDadoda
4/14/2020 10:11:55 AM



#70
Styrene
Concen: 48.089 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion:104 Resp: 1769692
Ion Ratio Lower Upper
104 100
78 50.6 42.0 63.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 47.250 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

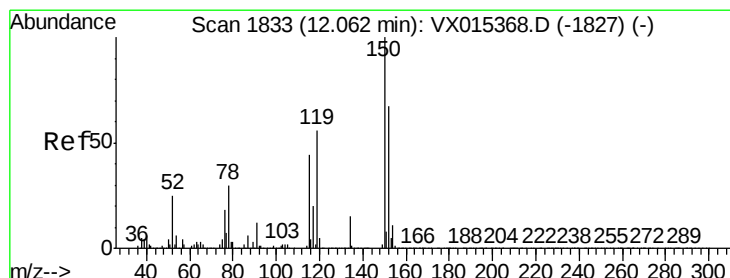
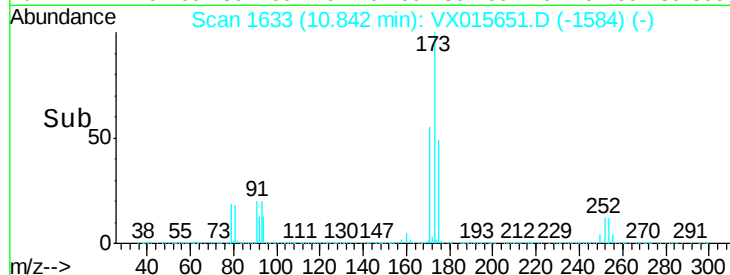
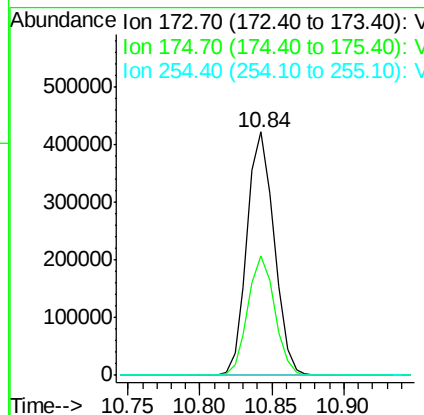
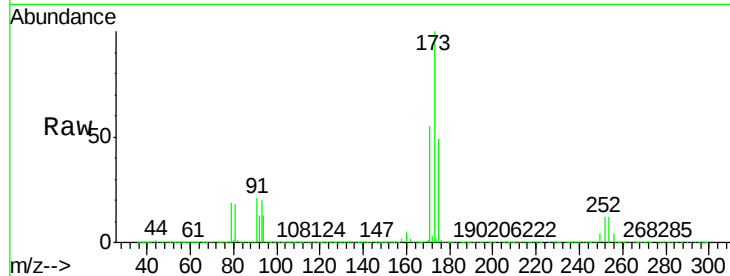
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
173	100	550674		
175	48.7	23.9	71.7	
254	0.1	0.1	0.1#	

Manual Integrations
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MMDadoda
4/14/2020 10:11:55 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

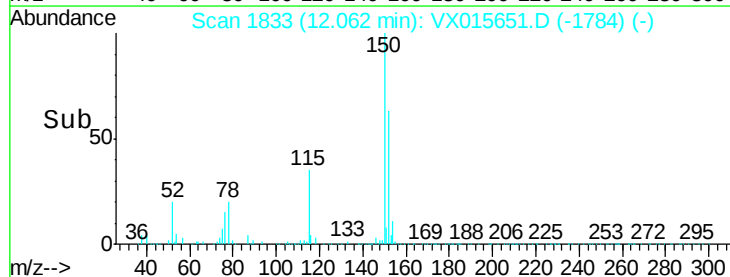
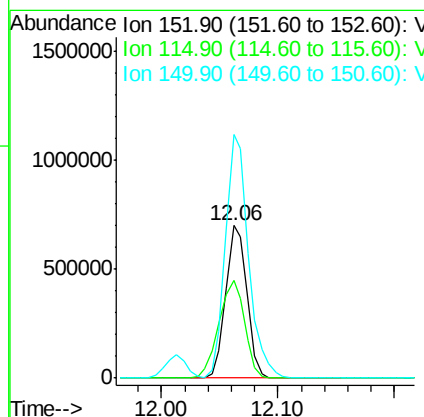
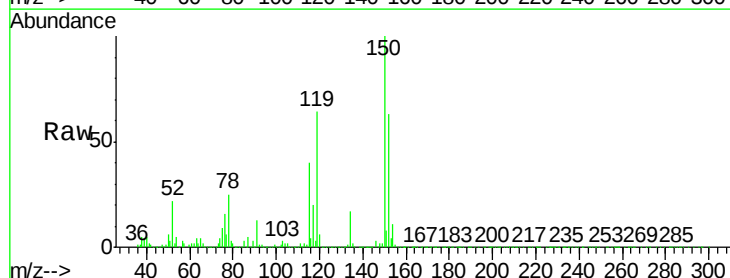
RT: 12.06 min Scan# 1833

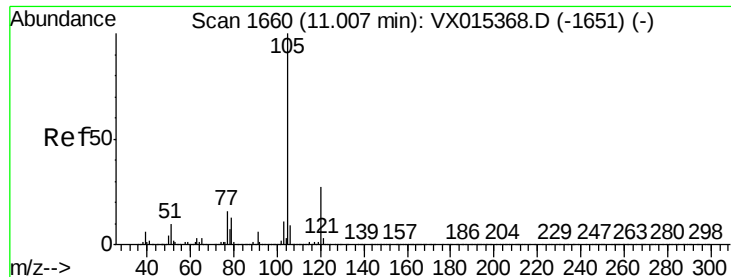
Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	873750		
115	77.8	39.0	116.9	
150	174.5	0.0	340.8	





#73

Isopropylbenzene

Concen: 47.270 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2706191

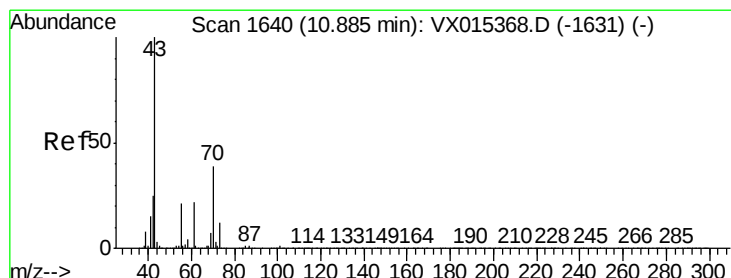
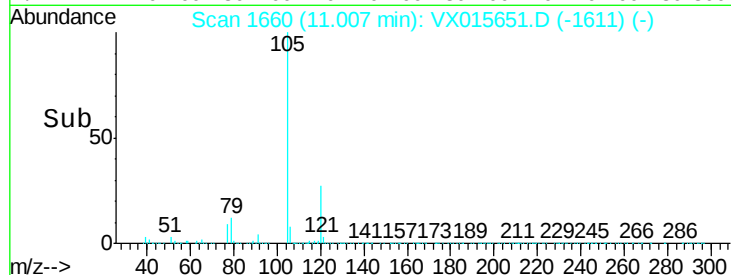
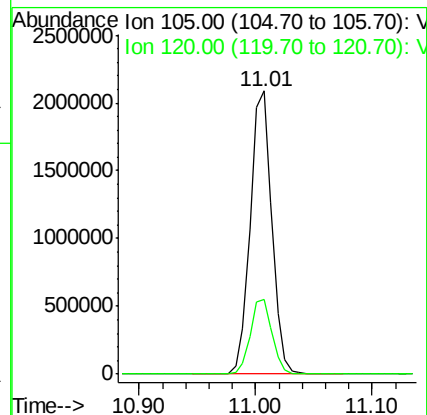
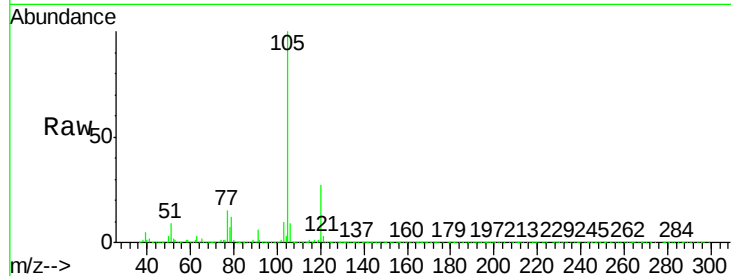
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5

Manual Integrations
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MMDadoda
4/14/2020 10:11:55 AM



#74

N-ethyl acetate

Concen: 43.293 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion: 43 Resp: 1378520

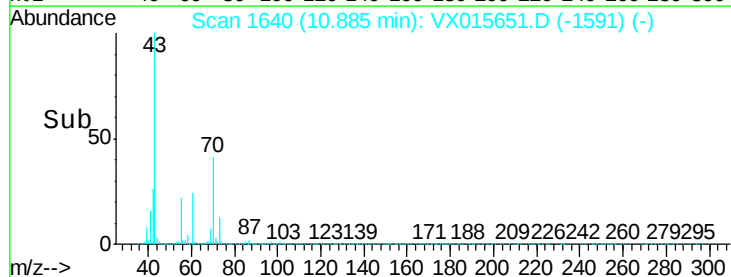
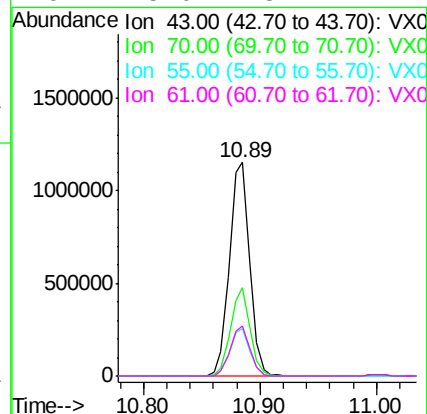
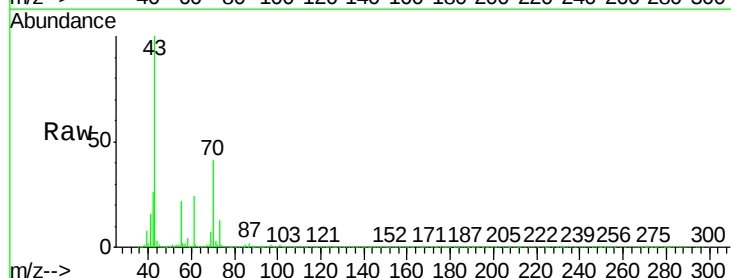
Ion Ratio Lower Upper

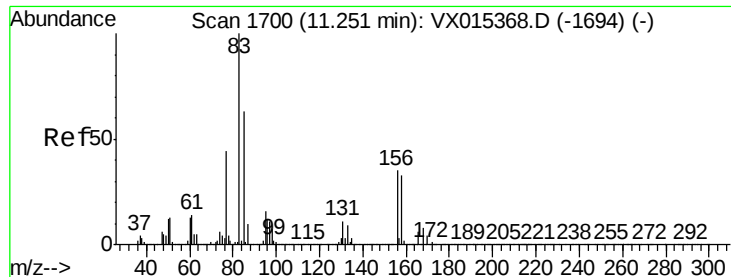
43 100

70 39.5 30.2 45.4

55 22.0 16.8 25.2

61 23.0 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.120 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

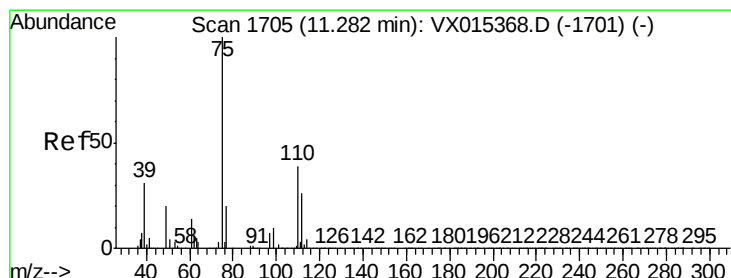
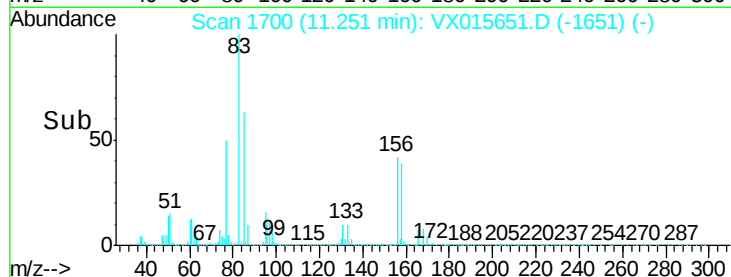
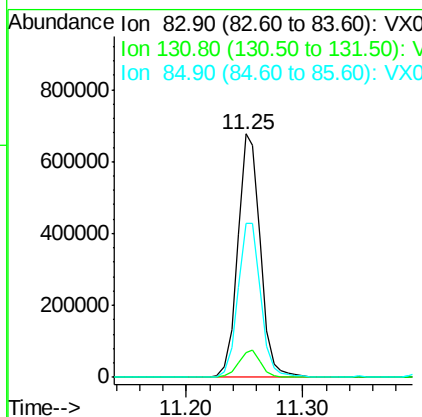
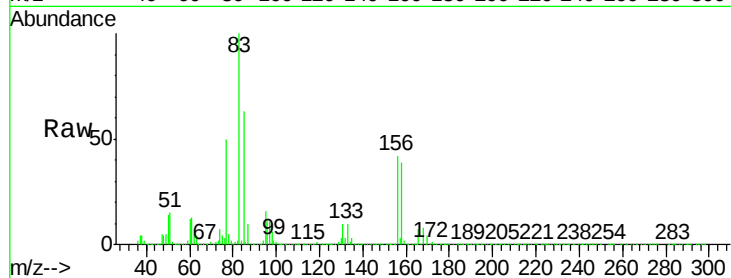
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	906003
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	64.5	32.0	96.0

Manual Integrations
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4/14/2020 10:11:55 AM



#76

1,2,3-Trichloropropane

Concen: 45.519 ug/l m

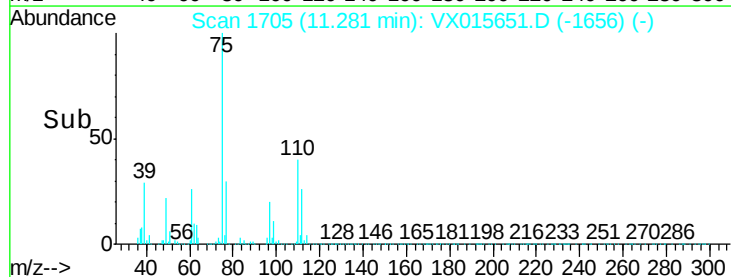
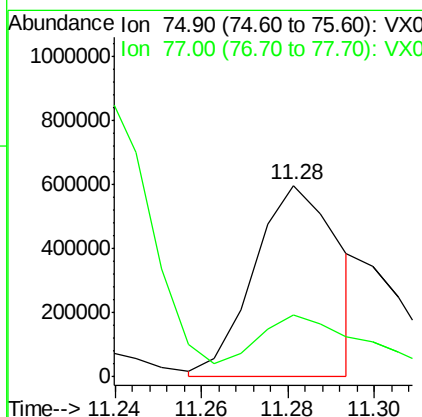
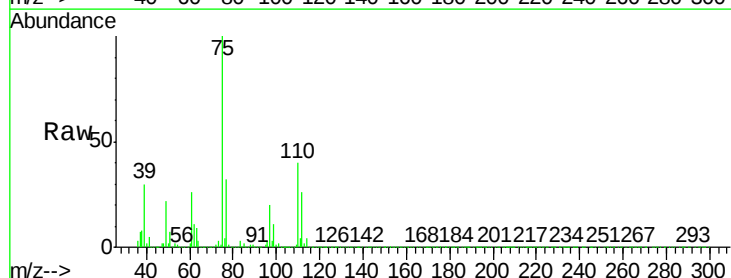
RT: 11.28 min Scan# 1705

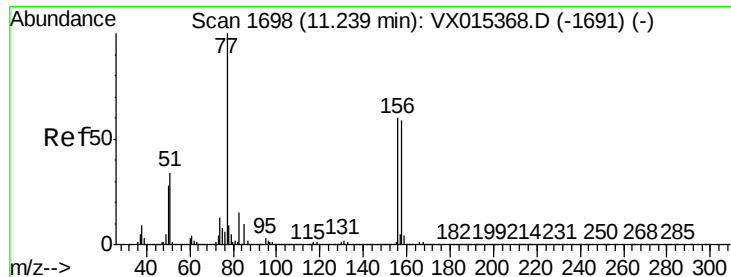
Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion:	75	Resp:	817879
Ion Ratio	Lower	Upper	
75	100		
77	42.0	21.2	63.6





#77

Bromobenzene

Concen: 48.552 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

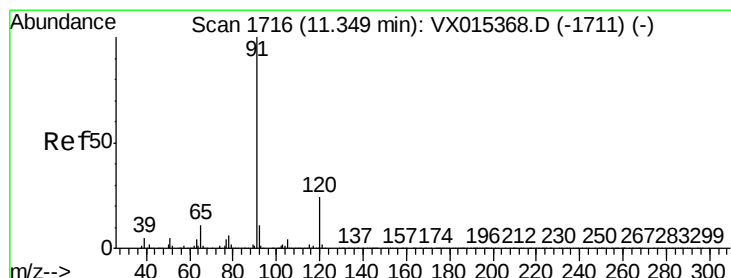
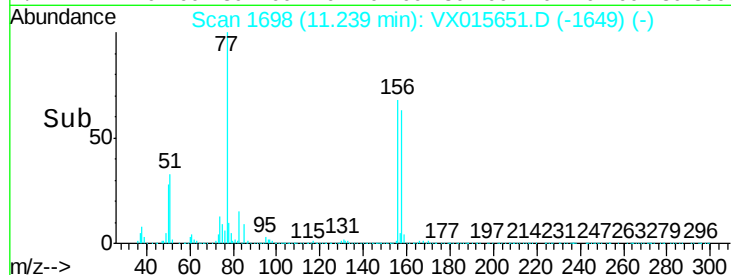
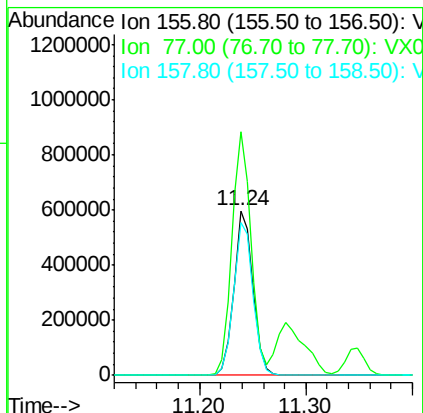
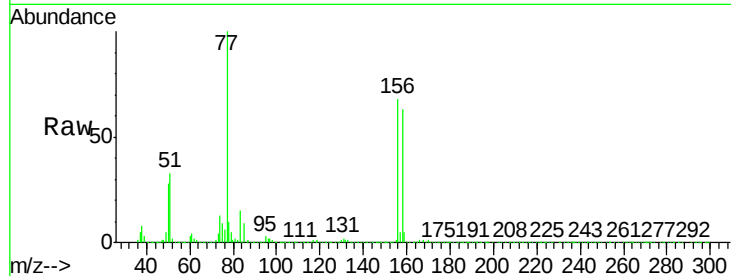
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	741419
Ion Ratio	Lower	Upper	
156	100		
77	150.5	82.2	246.5
158	95.6	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 46.714 ug/l

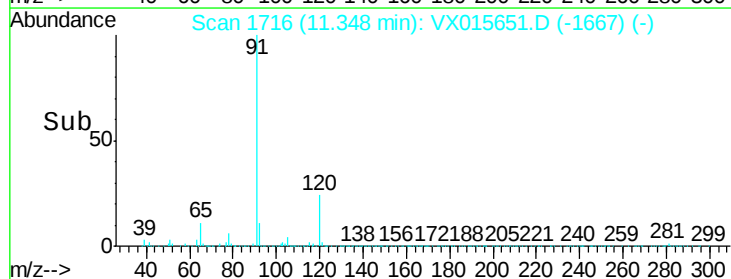
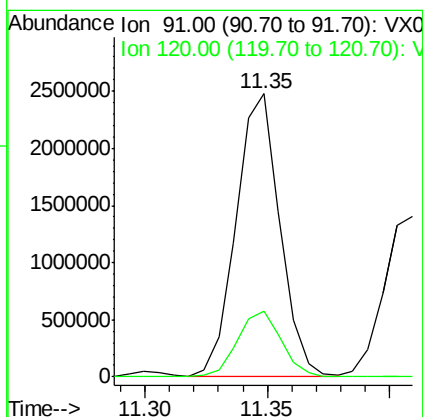
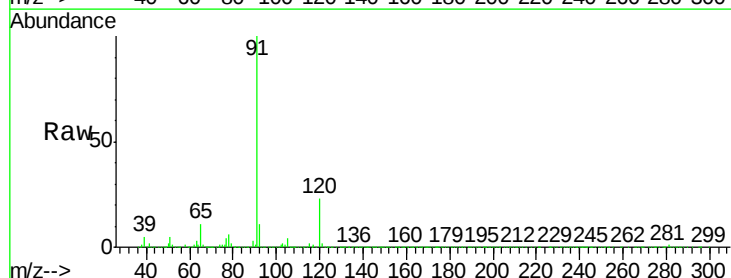
RT: 11.35 min Scan# 1716

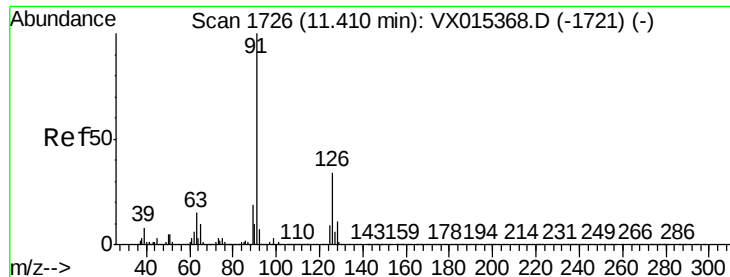
Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion:	91	Resp:	3058056
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 45.242 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1815304

Ion Ratio Lower Upper

91 100

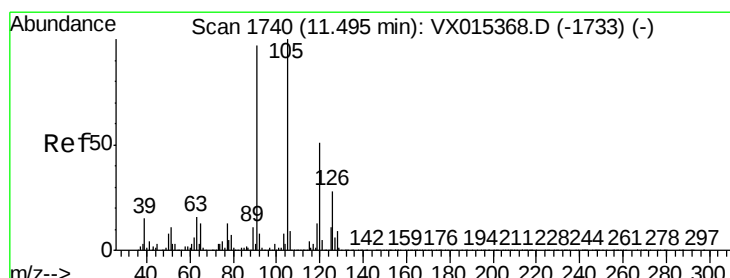
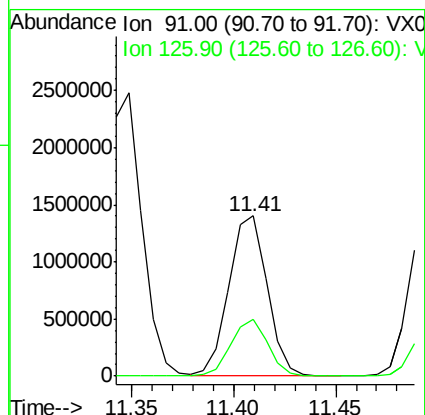
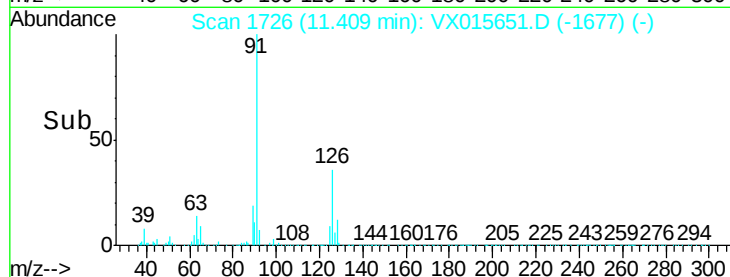
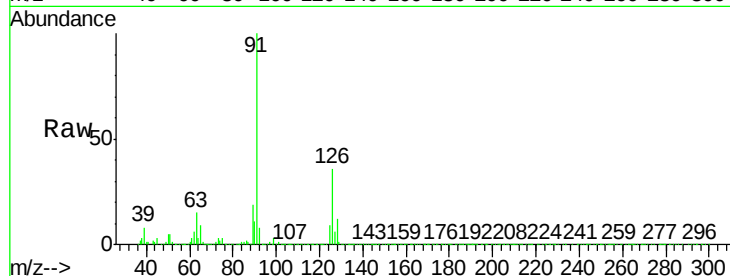
126 34.6 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 46.549 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015651.D

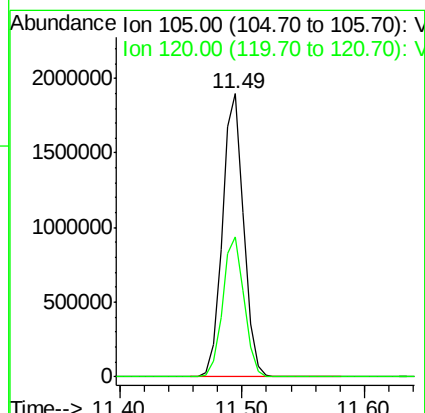
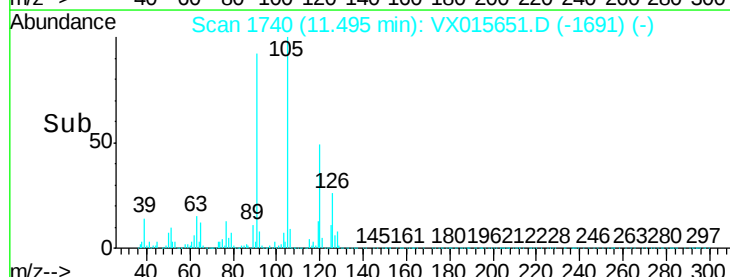
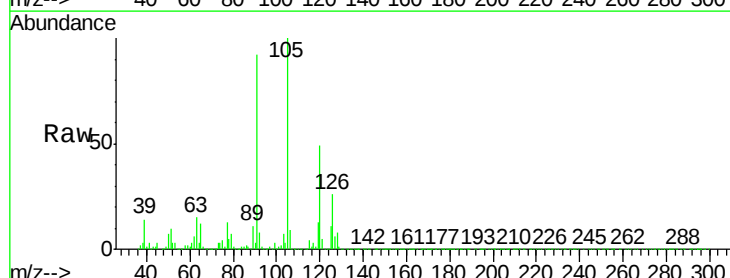
Acq: 13 Apr 2020 18:42

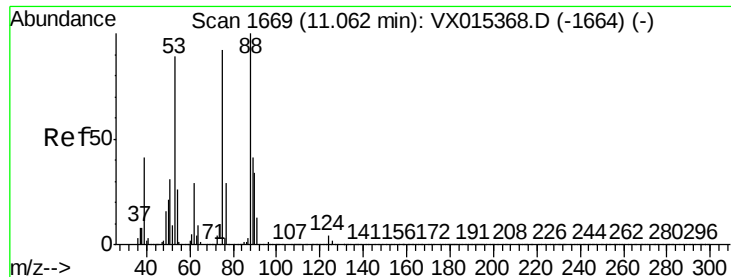
Tgt Ion: 105 Resp: 2275909

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4





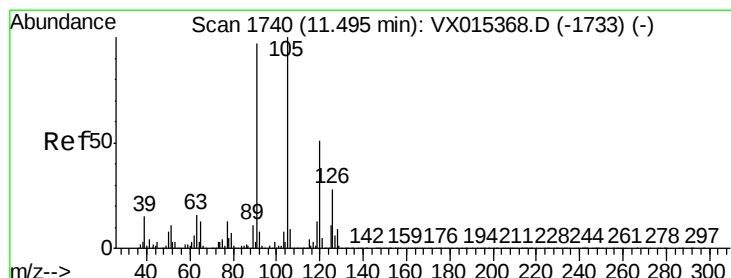
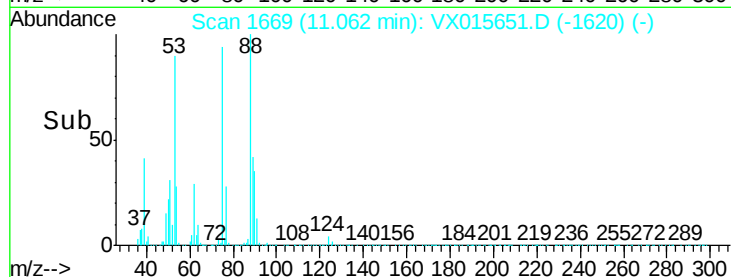
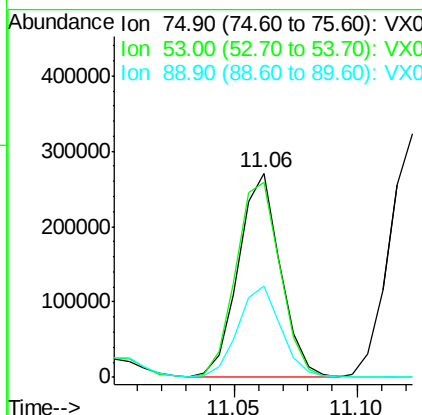
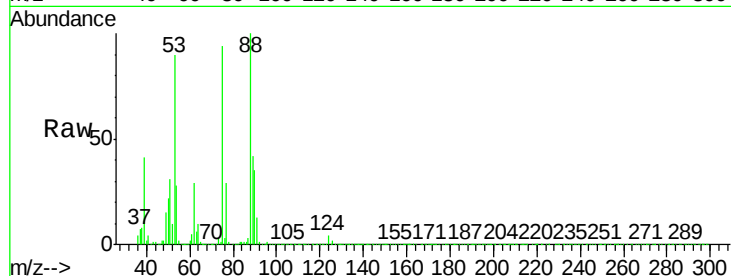
#81
trans-1,4-Dichloro-2-butene
Concen: 43.169 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	80.1	120.1
89	45.9	36.1	54.1

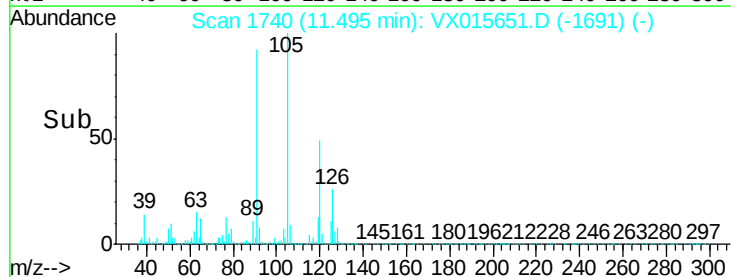
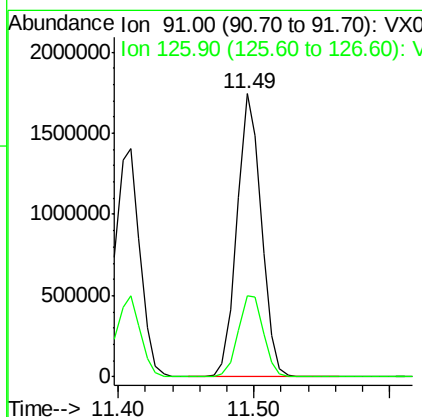
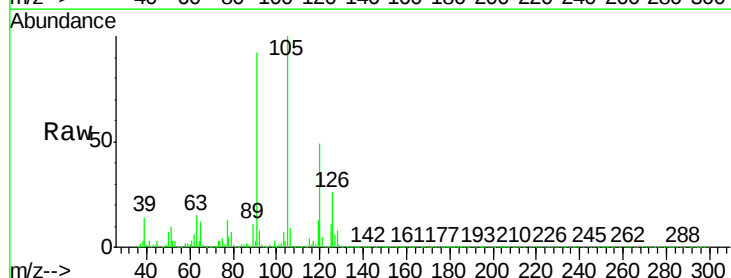
Manual Integrations
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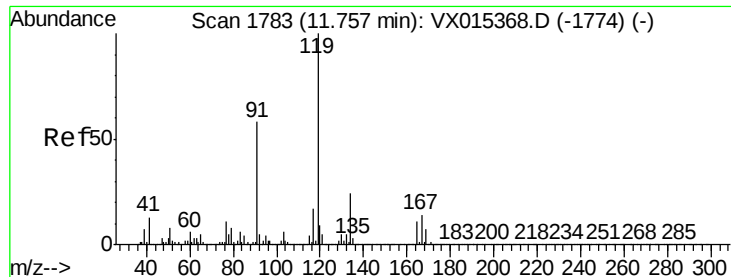
MMDadoda
4/14/2020 10:11:55 AM



#82
4-Chlorotoluene
Concen: 46.120 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.7	44.1





#83

tert-Butylbenzene

Concen: 47.874 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

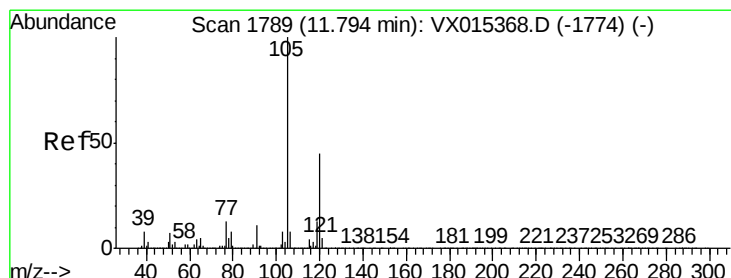
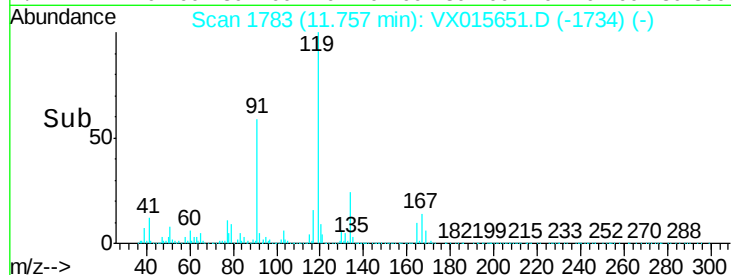
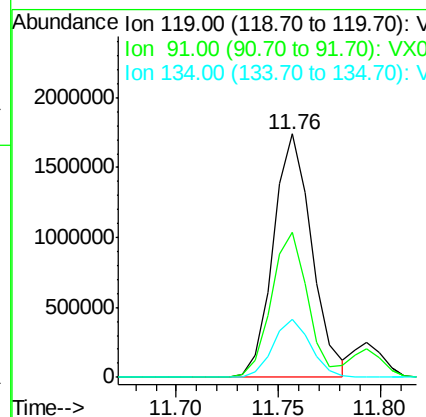
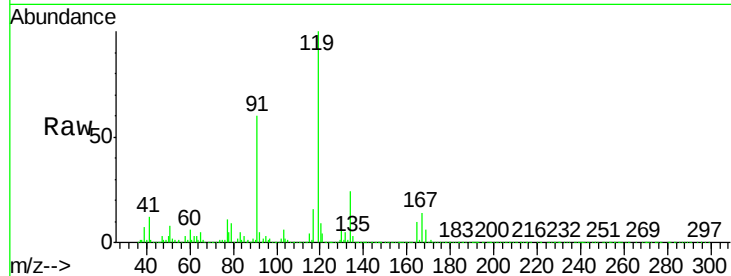
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	2286364
Ion	Ratio	Lower	Upper
119	100		
91	57.1	28.6	85.8
134	23.2	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 46.971 ug/l

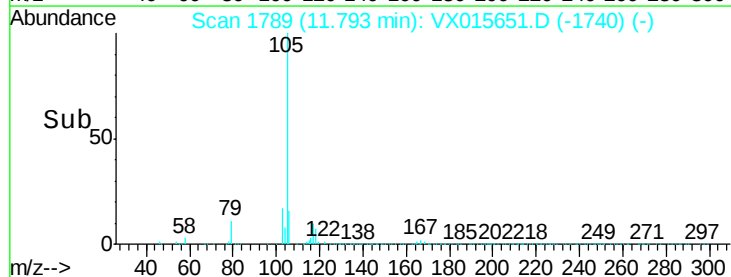
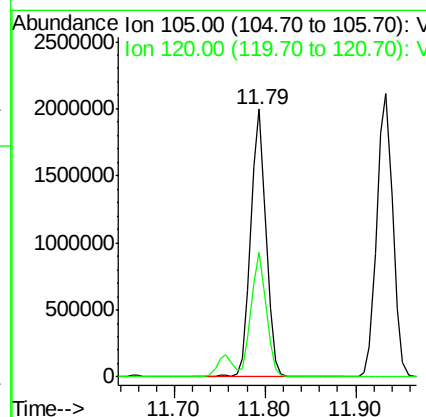
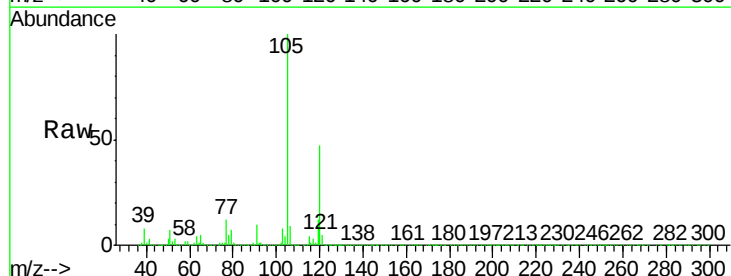
RT: 11.79 min Scan# 1789

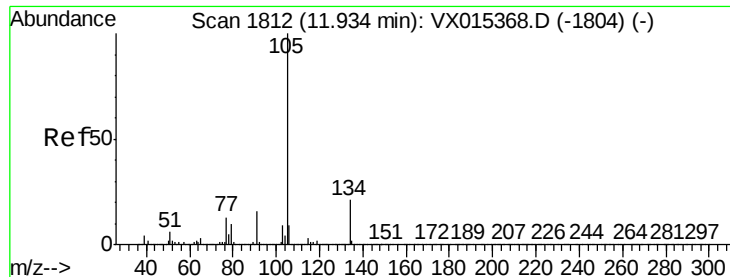
Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Tgt Ion:	105	Resp:	2340281
Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 47.007 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2596385

Ion Ratio Lower Upper

105 100

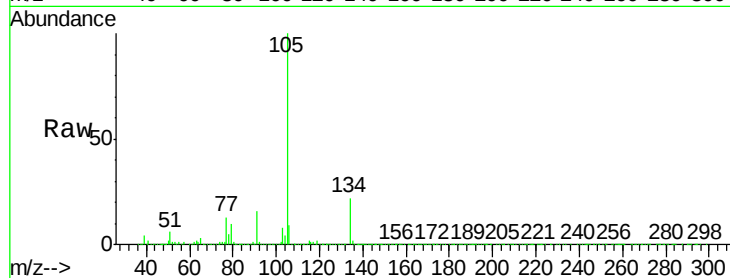
134 21.3 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

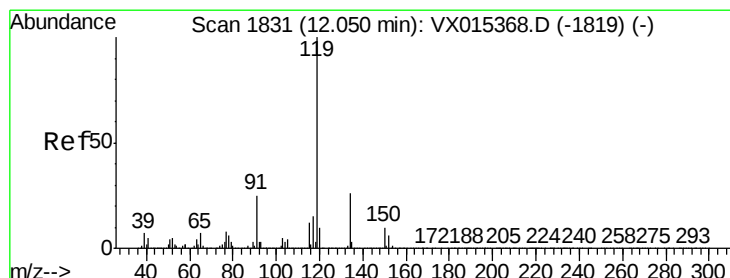
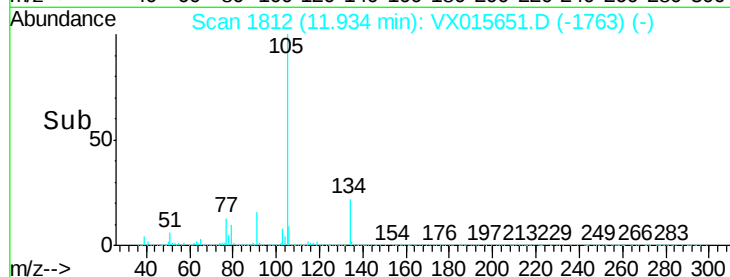
1000000

500000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 48.699 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015651.D

Acq: 13 Apr 2020 18:42

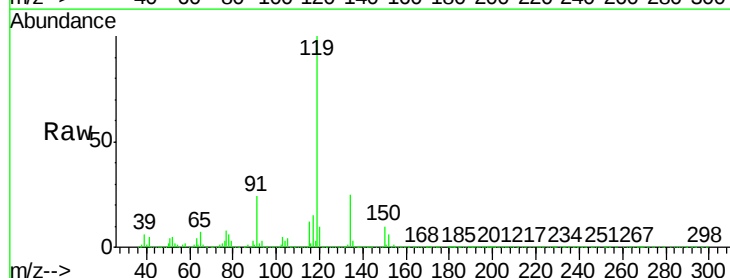
Tgt Ion:119 Resp: 2497138

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 23.3 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

2500000

2000000

1500000

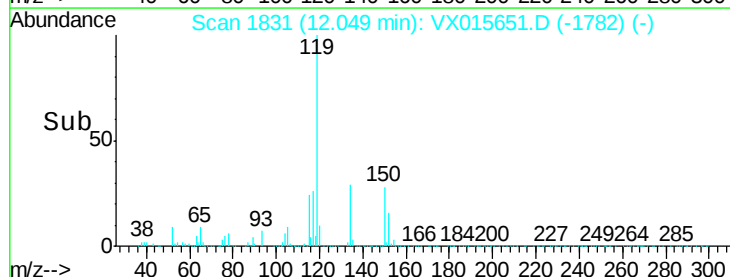
1000000

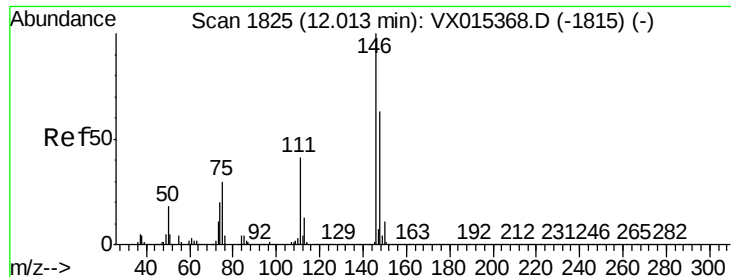
500000

0

12.00 12.10

Time-->





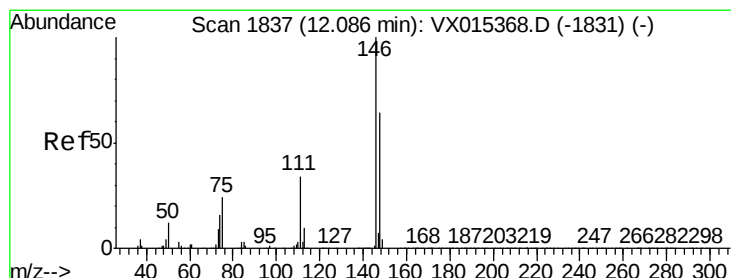
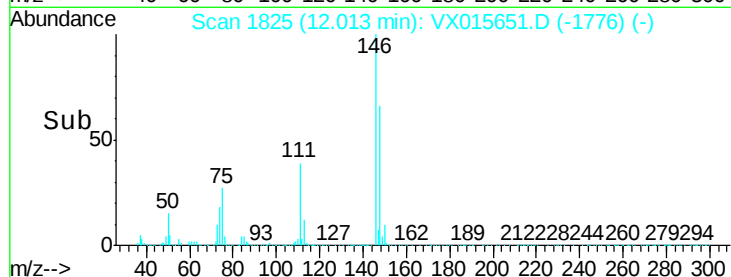
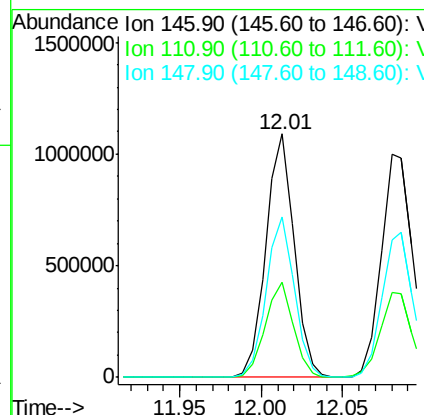
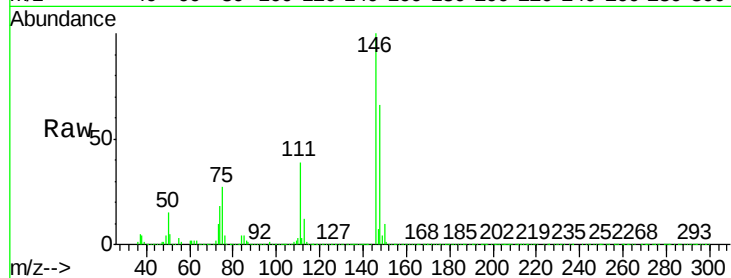
#87
 1,3-Dichlorobenzene
 Concen: 47.839 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.3	60.9
148	65.7	31.3	93.9

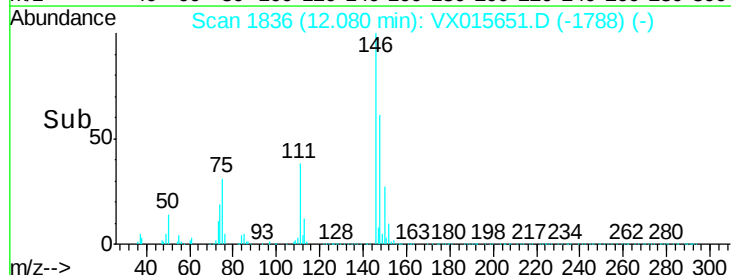
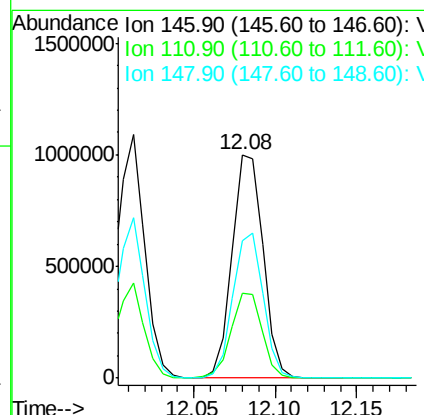
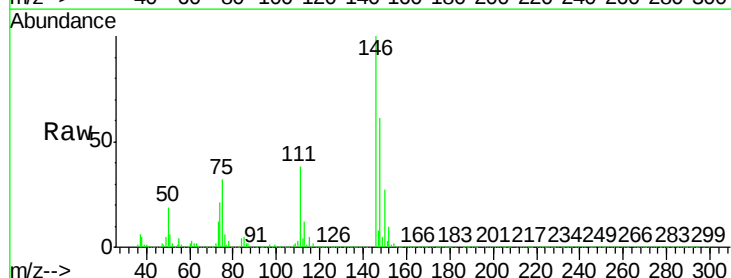
Manual Integrations
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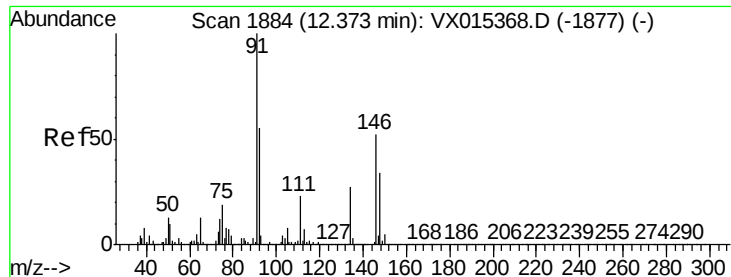
MMDadoda
 4/14/2020 10:11:55 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.354 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	63.6	32.4	97.2





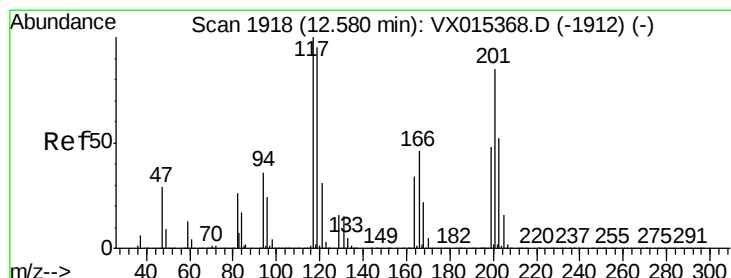
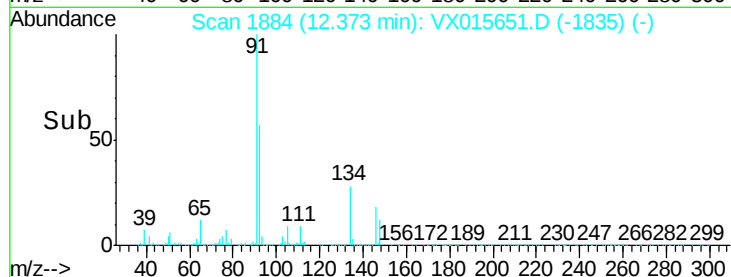
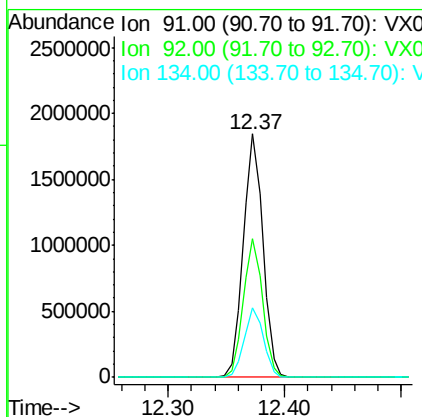
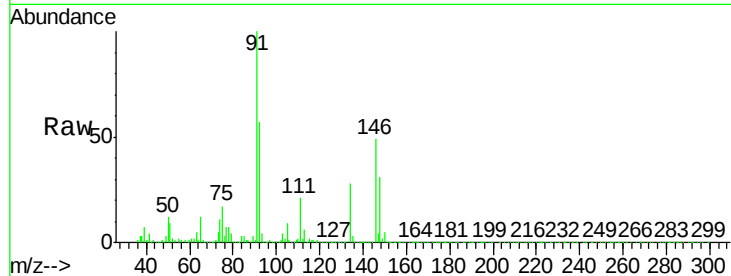
#89
n-Butylbenzene
Concen: 46.886 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.0	27.2	81.5
134	28.2	13.4	40.2

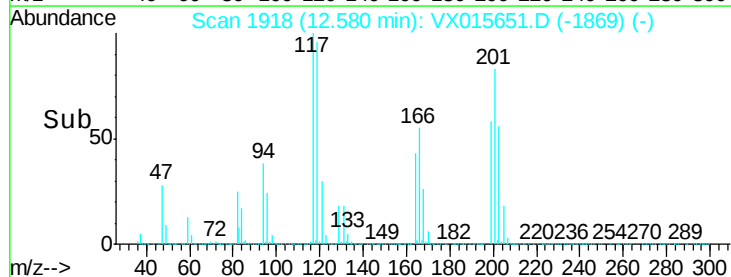
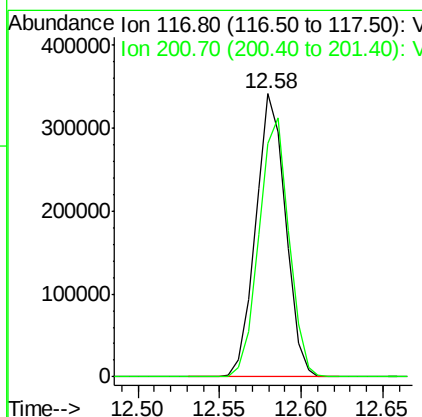
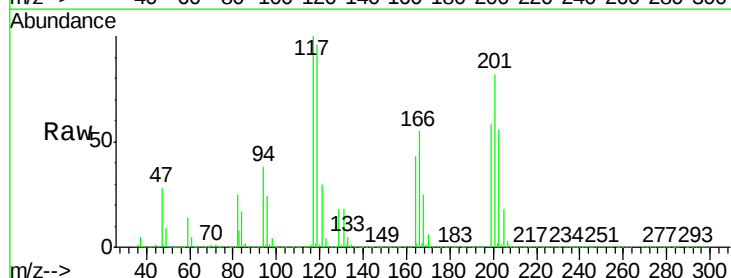
Manual Integrations
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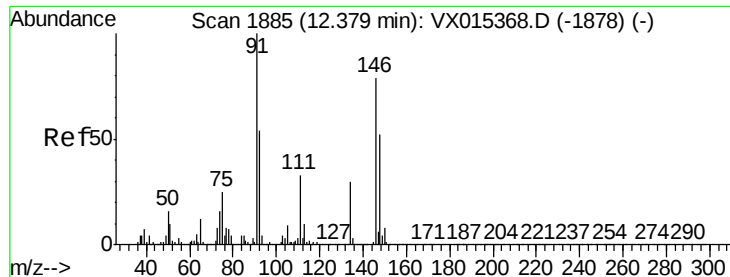
MMDadoda
4/14/2020 10:11:55 AM



#90
Hexachloroethane
Concen: 43.473 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.6	42.6	128.0





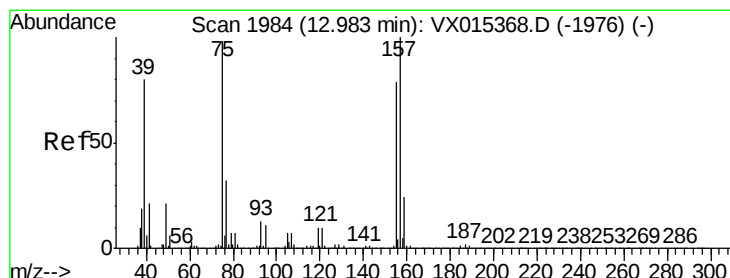
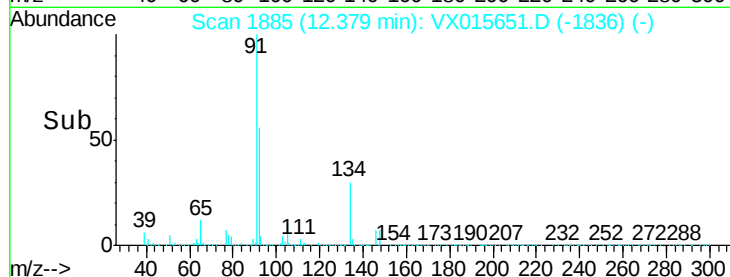
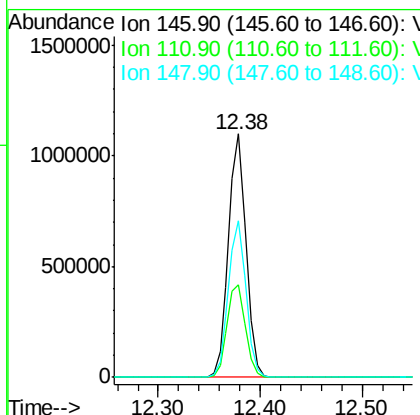
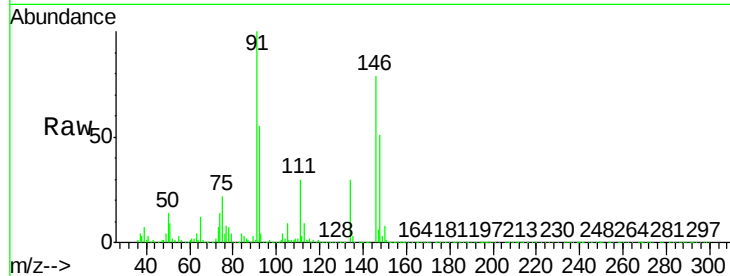
#91
 1,2-Dichlorobenzene
 Concen: 48.799 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.0	63.0
148	64.1	32.4	97.0

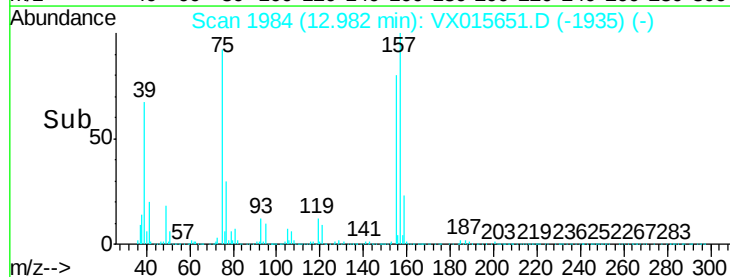
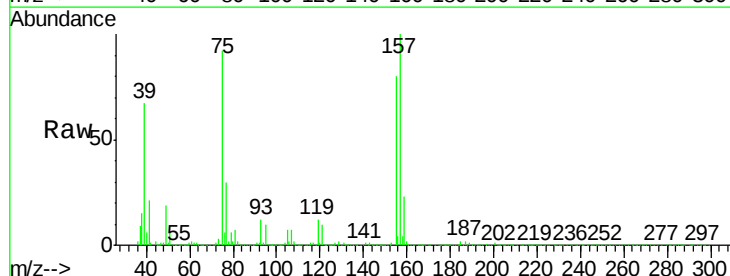
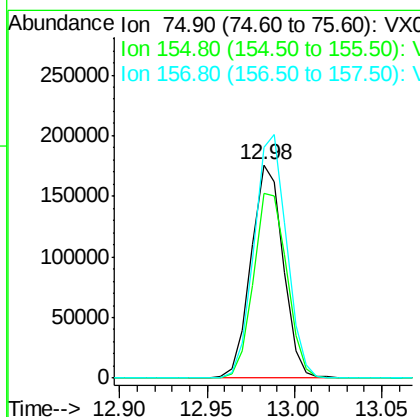
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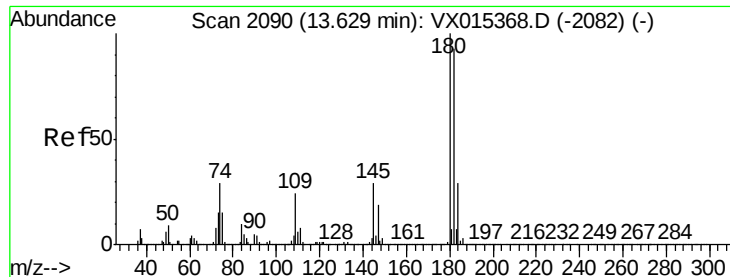
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.180 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	42.8	128.4
157	116.6	53.4	160.3





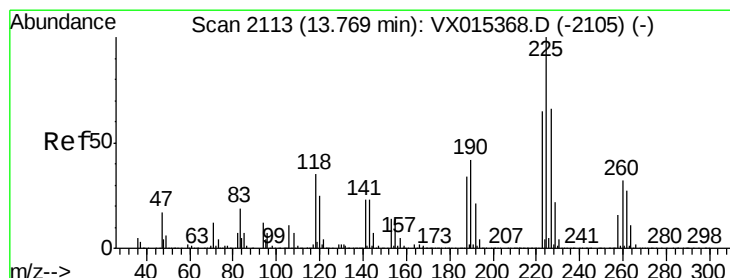
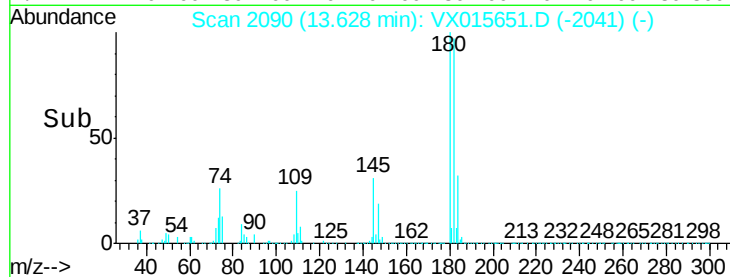
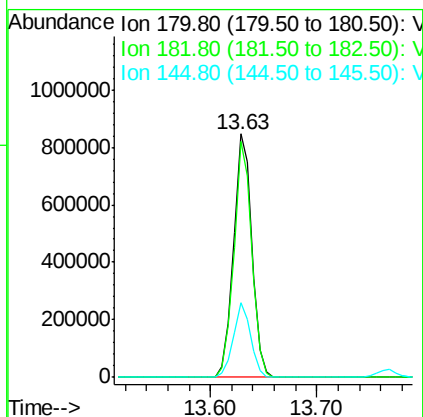
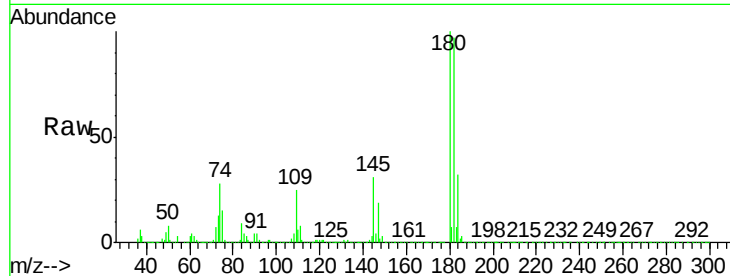
#93
 1,2,4-Trichlorobenzene
 Concen: 48.215 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.9	140.7
145	29.1	14.9	44.5

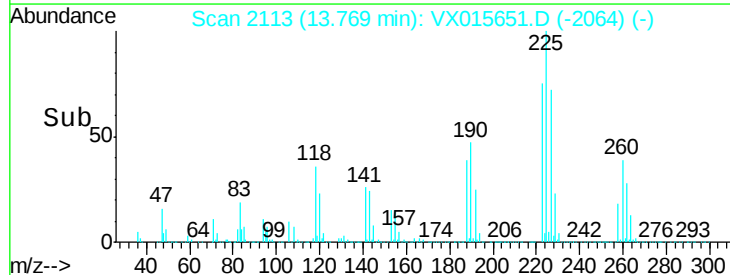
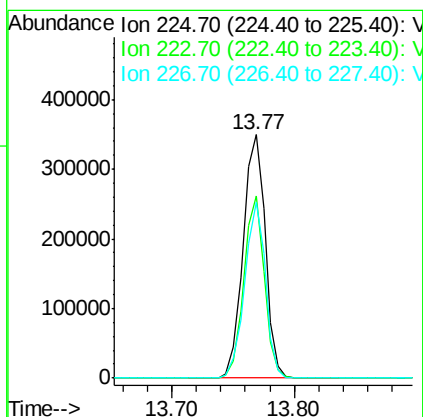
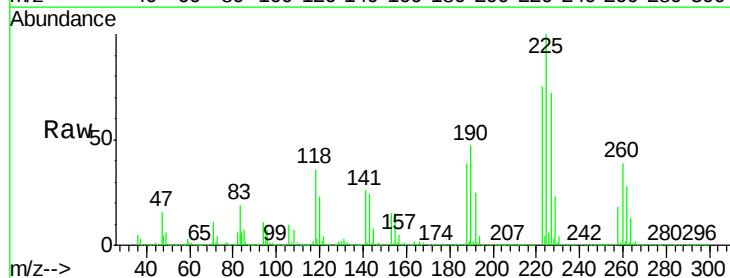
Manual Integrations
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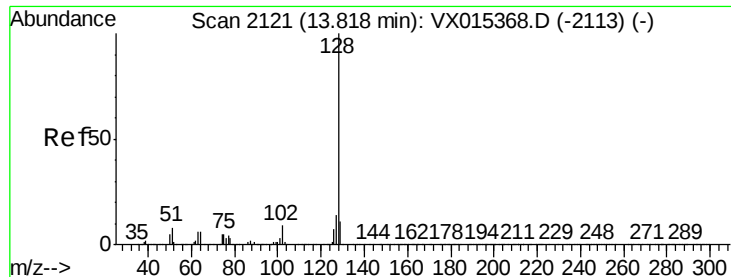
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#94
 Hexachlorobutadiene
 Concen: 43.349 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015651.D
 Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.3	31.9	95.7
227	67.7	30.4	91.3





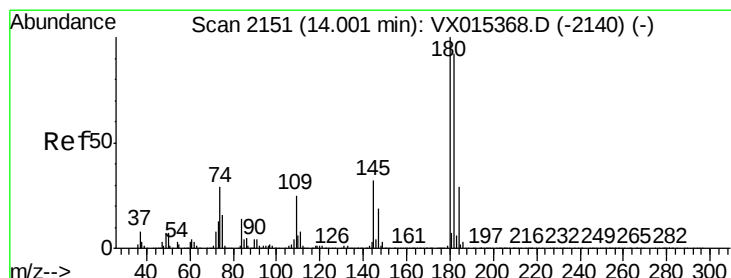
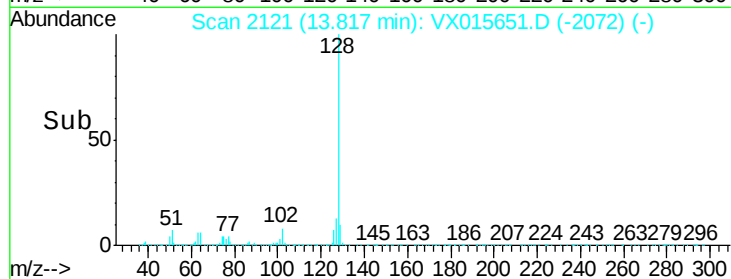
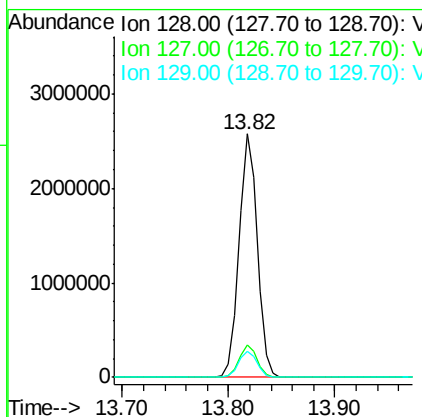
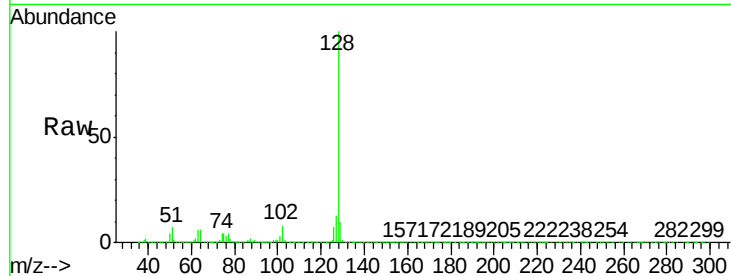
#95
Naphthalene
Concen: 48.039 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.680 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015651.D
Acq: 13 Apr 2020 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.7	140.0
145	30.7	15.8	47.3

