

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015441.D
 Acq On : 30 Mar 2020 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:35 AM

Quant Time: Mar 31 09:32:22 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	5.64	168	917354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1642981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1538412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	792201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	753873	58.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.54%	
35) Dibromofluoromethane	5.47	113	540869	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.70	98	1903126	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.12	95	812739	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	342155	42.335	ug/l	99
3) Chloromethane	1.31	50	553773	53.804	ug/l	98
4) Vinyl Chloride	1.39	62	455208	48.166	ug/l	98
5) Bromomethane	1.62	94	267837	63.696	ug/l	100
6) Chloroethane	1.71	64	298322	50.896	ug/l	100
7) Trichlorofluoromethane	1.92	101	571195	45.067	ug/l	99
8) Diethyl Ether	2.17	74	287684	53.814	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	348635	42.195	ug/l	97
10) Methyl Iodide	2.49	142	526055	47.223	ug/l	99
11) Tert butyl alcohol	3.01	59	781804	252.451	ug/l	99
12) 1,1-Dichloroethene	2.36	96	427339	49.342	ug/l	98
13) Acrolein	2.27	56	512528	290.532	ug/l	99
14) Allyl chloride	2.71	41	1097940	54.255	ug/l	99
15) Acrylonitrile	3.12	53	1667860	282.405	ug/l	100
16) Acetone	2.42	43	1521607	273.740	ug/l	99
17) Carbon Disulfide	2.55	76	1297090	49.094	ug/l	98
18) Methyl Acetate	2.75	43	784775	55.316	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1921888	57.216	ug/l	100
20) Methylene Chloride	2.83	84	566458	54.558	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	498103	51.822	ug/l	96
22) Diisopropyl ether	3.83	45	2061340	57.484	ug/l	97
23) Vinyl Acetate	3.79	43	9408030	289.771	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1024988	54.289	ug/l	99
25) 2-Butanone	4.64	43	2445211	273.533	ug/l	99
26) 2,2-Dichloropropane	4.56	77	791775	51.091	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	609899	54.845	ug/l	99
28) Bromochloromethane	4.98	49	507656	56.316	ug/l	99
29) Tetrahydrofuran	5.09	42	1592367	277.084	ug/l	99
30) Chloroform	5.18	83	1008313	55.510	ug/l	98
31) Cyclohexane	5.55	56	720987	44.020	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	841605	51.196	ug/l	99
36) 1,1-Dichloropropene	5.78	75	666849	44.051	ug/l	99
37) Ethyl Acetate	4.80	43	970981	49.261	ug/l	99
38) Carbon Tetrachloride	5.76	117	698998	42.631	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015441.D
 Acq On : 30 Mar 2020 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:35 AM

Quant Time: Mar 31 09:32:22 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)
39) Methylcyclohexane	7.44	83	638791	36.598	ug/l	98
40) Benzene	6.12	78	2172910	49.001	ug/l	99
41) Methacrylonitrile	5.01	41	568928	51.995	ug/l	99
42) 1,2-Dichloroethane	6.17	62	912636	51.237	ug/l	99
43) Isopropyl Acetate	6.42	43	1683798	50.604	ug/l	100
44) Trichloroethene	7.19	130	566249	46.822	ug/l	94
45) 1,2-Dichloropropane	7.49	63	602145	49.638	ug/l	99
46) Dibromomethane	7.64	93	403703	50.732	ug/l	99
47) Bromodichloromethane	7.88	83	848069	50.016	ug/l	97
48) Methyl methacrylate	7.75	41	845775	50.888	ug/l	100
49) 1,4-Dioxane	7.71	88	303005	977.282	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4774345	253.184	ug/l	100
52) Toluene	8.77	92	1347408	49.285	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	969278	48.741	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1008062	49.763	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	572488	51.110	ug/l	98
56) Ethyl methacrylate	9.16	69	1002607	50.790	ug/l	98
57) 1,3-Dichloropropane	9.35	76	1017029	50.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2484161	258.718	ug/l	99
59) 2-Hexanone	9.48	43	3650396	256.405	ug/l	100
60) Dibromochloromethane	9.57	129	677210	50.315	ug/l	99
61) 1,2-Dibromoethane	9.65	107	611654	50.221	ug/l	98
64) Tetrachloroethene	9.32	164	494041	42.553	ug/l	94
65) Chlorobenzene	10.12	112	1456831	47.484	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	596808	48.691	ug/l	99
67) Ethyl Benzene	10.24	91	2577873	47.375	ug/l	99
68) m/p-Xylenes	10.34	106	1902419	93.890	ug/l	98
69) o-Xylene	10.68	106	965413	48.216	ug/l	100
70) Styrene	10.70	104	1715553	48.692	ug/l	99
71) Bromoform	10.84	173	532500	47.723	ug/l	99
73) Isopropylbenzene	11.01	105	2398545	46.209	ug/l	98
74) N-amyl acetate	10.89	43	1442522	49.967	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	881874	49.513	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	824026m	50.582	ug/l	
77) Bromobenzene	11.24	156	661767	47.797	ug/l	96
78) n-propylbenzene	11.35	91	2771140	46.689	ug/l	99
79) 2-Chlorotoluene	11.41	91	1769815	48.649	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2111007	47.620	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	331606	48.841	ug/l	99
82) 4-Chlorotoluene	11.49	91	2080675	48.787	ug/l	100
83) tert-Butylbenzene	11.76	119	2006044	46.328	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2168843	48.011	ug/l	100
85) sec-Butylbenzene	11.93	105	2265179	45.232	ug/l	98
86) p-Isopropyltoluene	12.05	119	2131925	45.857	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1193065	48.134	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1207964	47.846	ug/l	99
89) n-Butylbenzene	12.37	91	1872628	44.573	ug/l	99
90) Hexachloroethane	12.58	117	419525	46.362	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1197748	49.378	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	232329	46.216	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
Data File : VX015441.D
Acq On : 30 Mar 2020 20:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

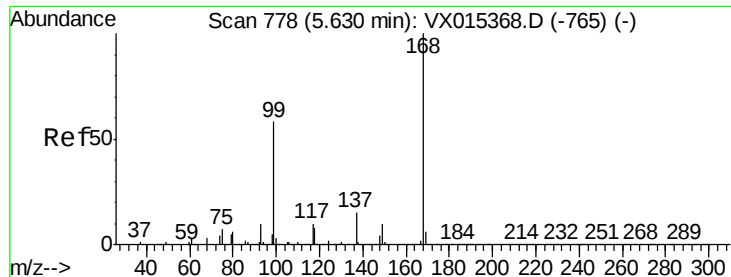
Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM

Quant Time: Mar 31 09:32:22 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)
93) 1,2,4-Trichlorobenzene	13.63	180	881481	45.942	ug/l	98
94) Hexachlorobutadiene	13.77	225	333224	36.478	ug/l	97
95) Naphthalene	13.82	128	2813774	48.077	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	886698	48.000	ug/l	98

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



#1

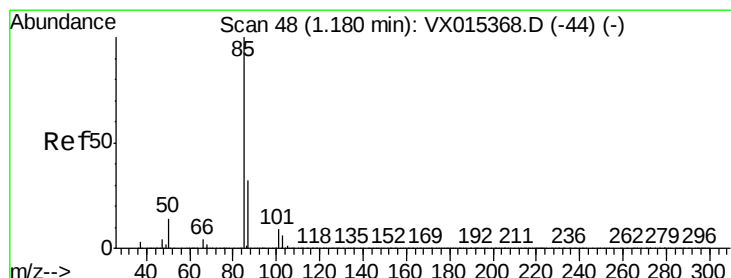
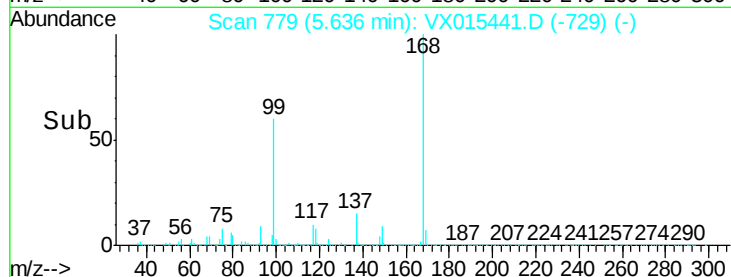
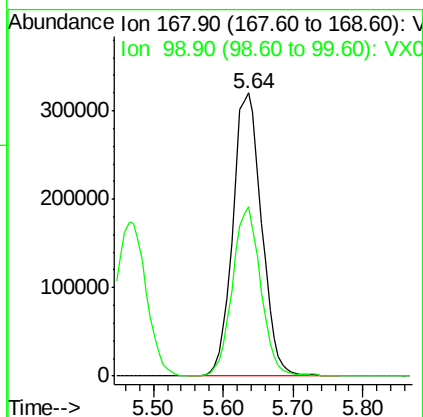
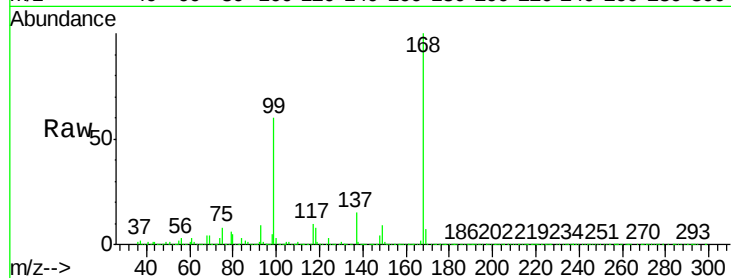
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	59.5	46.4	69.6

Manual Integrations
 APPROVED

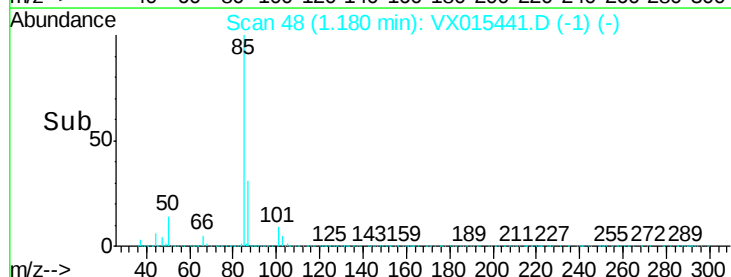
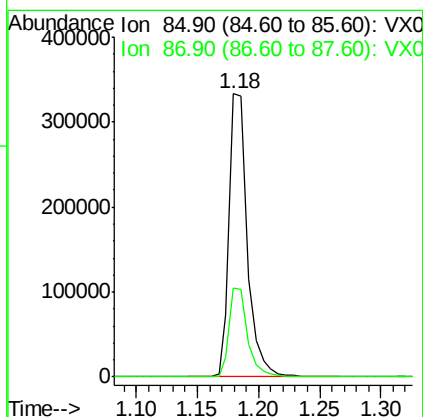
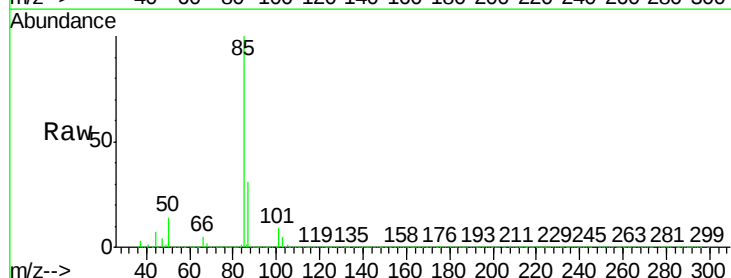
apatel
 3/31/2020 11:05:35 AM

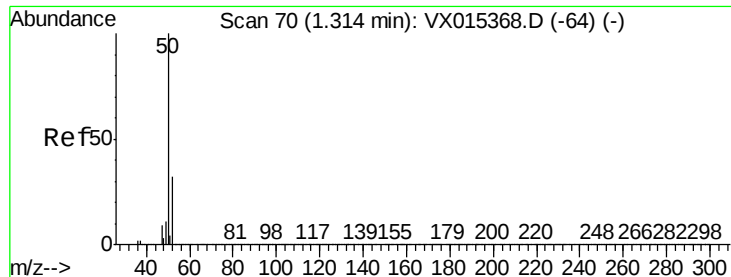


#2

Dichlorodifluoromethane
 Concen: 42.335 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.0	47.9





#3

Chloromethane

Concen: 53.804 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tot Ion: 50 Resp: 553773

Ion Ratio Lower Upper

50 100

52 32.7 25.3 37.9

Instrument :

MSVOA_X

ClientSampleId :

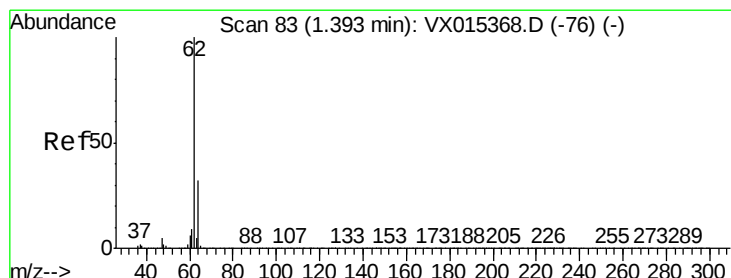
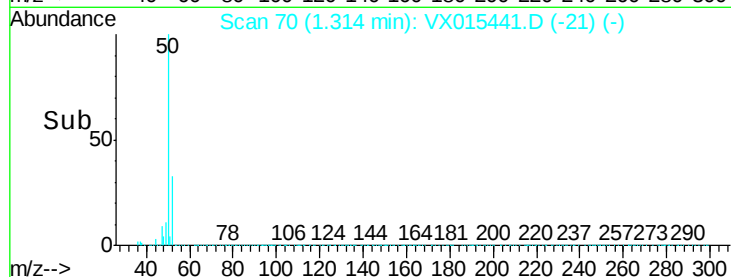
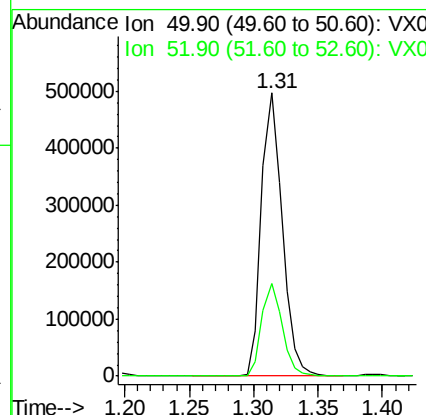
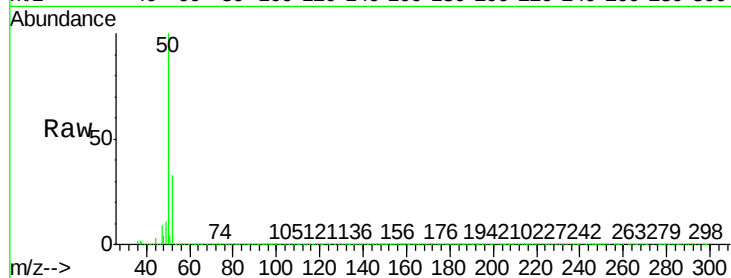
VSTDCCC050EC

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#4

Vinyl Chloride

Concen: 48.166 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015441.D

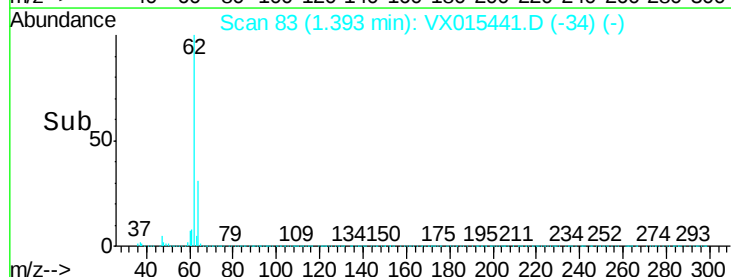
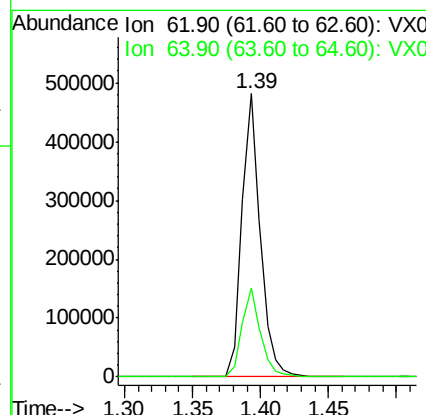
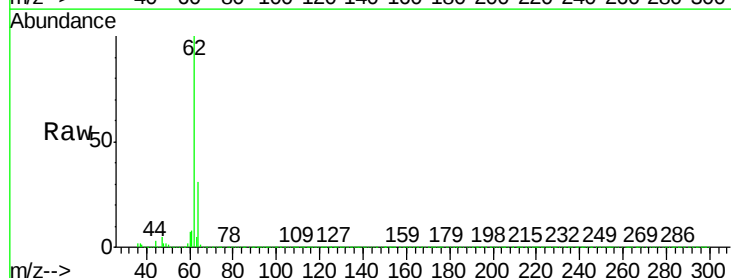
Acq: 30 Mar 2020 20:13

Tgt Ion: 62 Resp: 455208

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0





#5

Bromomethane

Concen: 63.696 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 267837

Ion Ratio Lower Upper

94 100

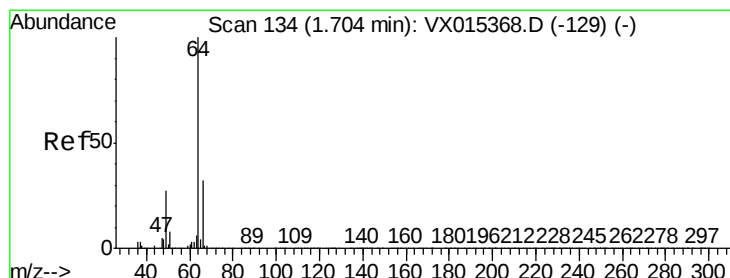
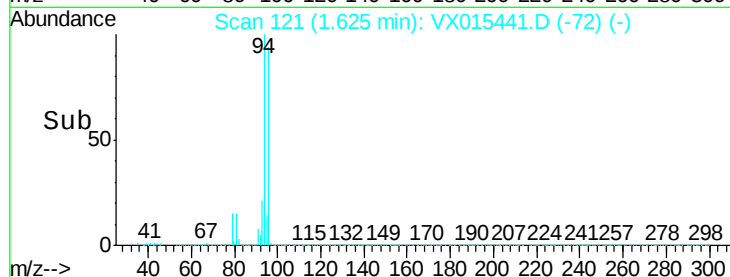
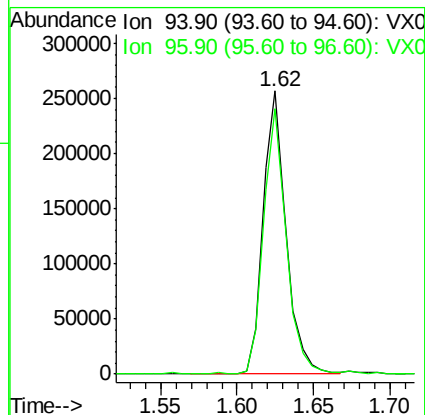
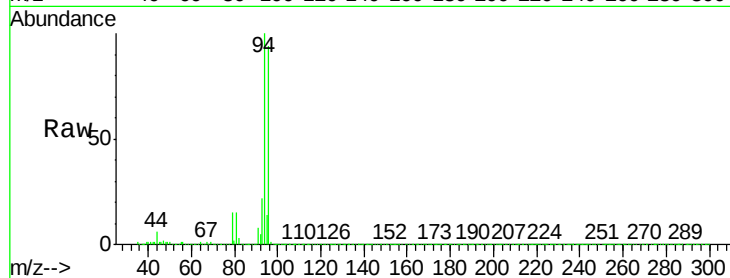
96 93.6 74.8 112.2

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#6

Chloroethane

Concen: 50.896 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015441.D

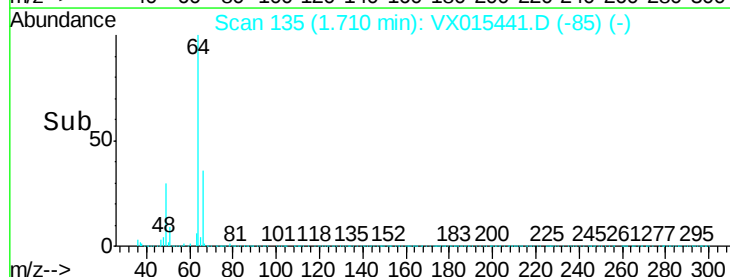
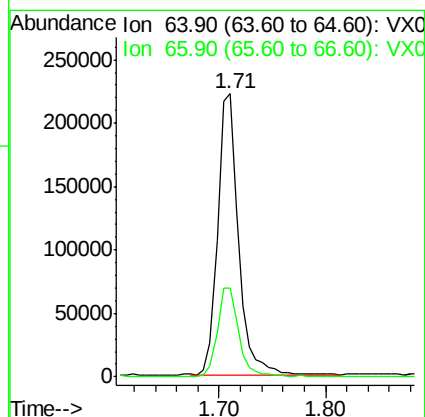
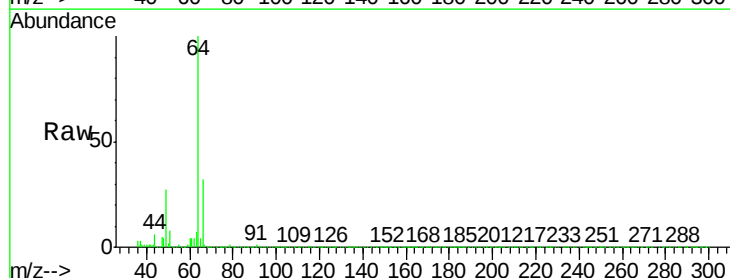
Acq: 30 Mar 2020 20:13

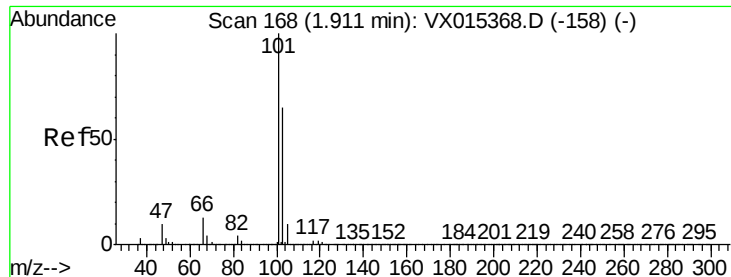
Tgt Ion: 64 Resp: 298322

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.2





#7

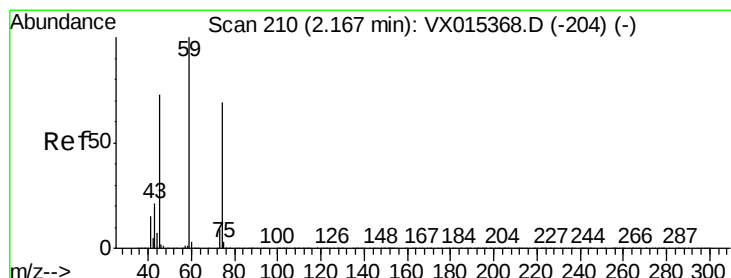
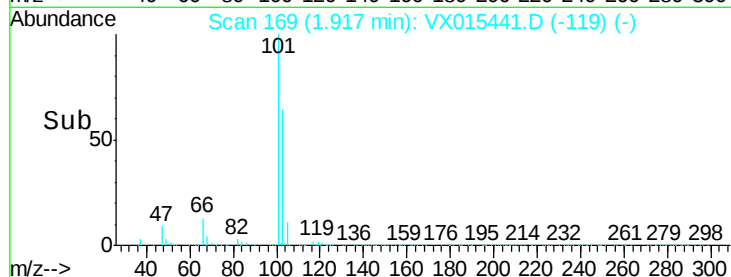
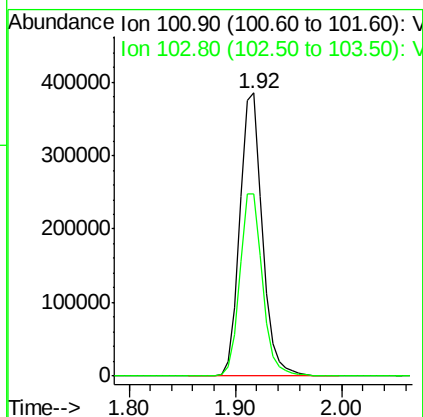
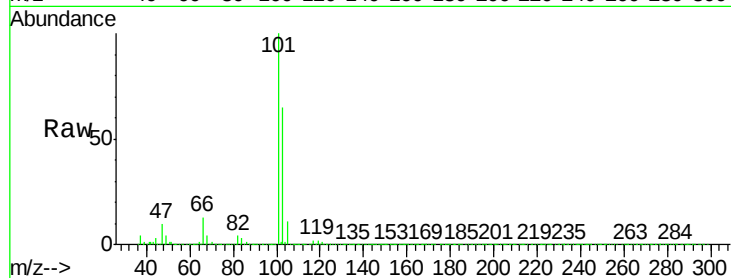
Trichlorofluoromethane
Concen: 45.067 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.3	78.5

Manual Integrations
APPROVED

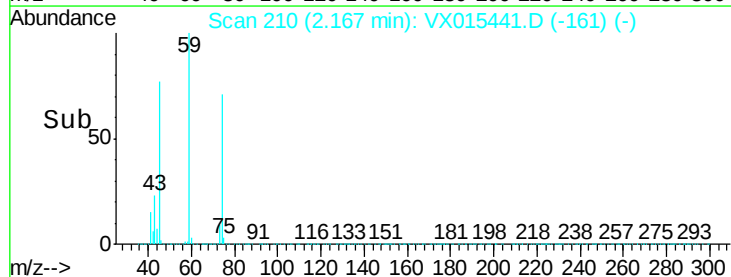
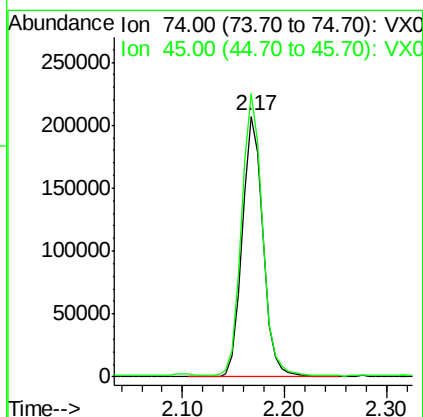
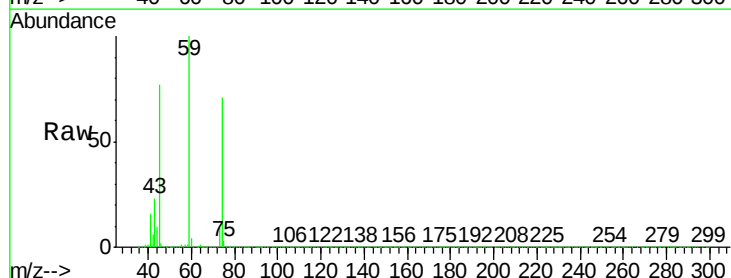
apatel
3/31/2020 11:05:35 AM

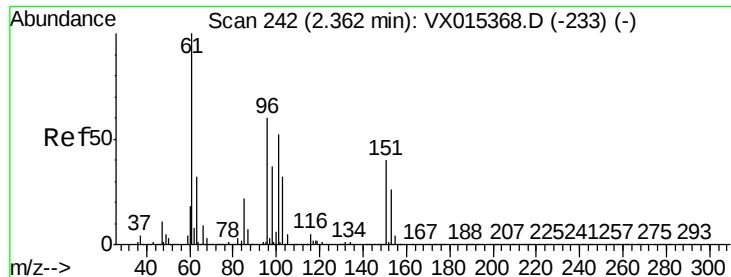


#8

Diethyl Ether
Concen: 53.814 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.195 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

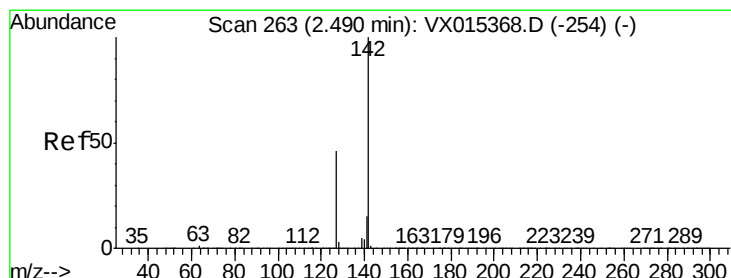
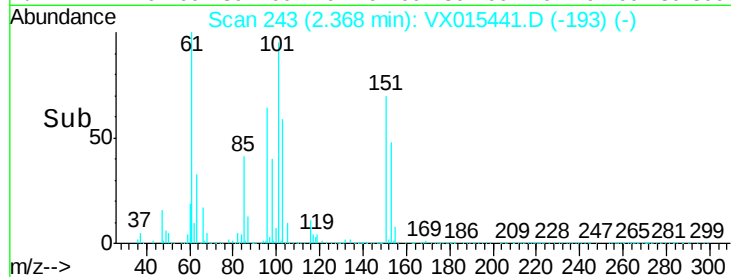
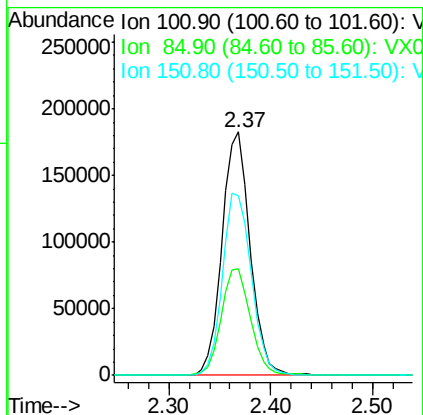
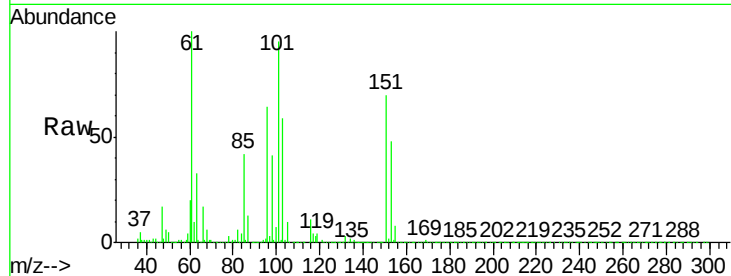
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	348635
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.0	52.4
151	77.1	64.1	96.1

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#10

Methyl Iodide

Concen: 47.223 ug/l

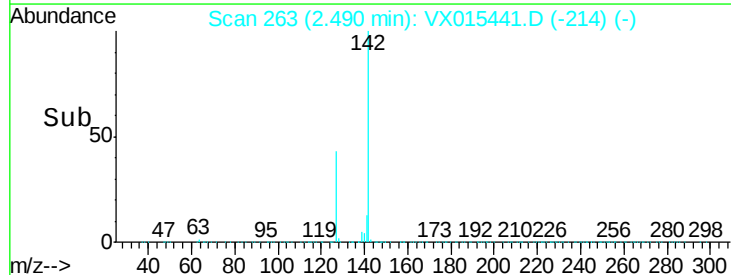
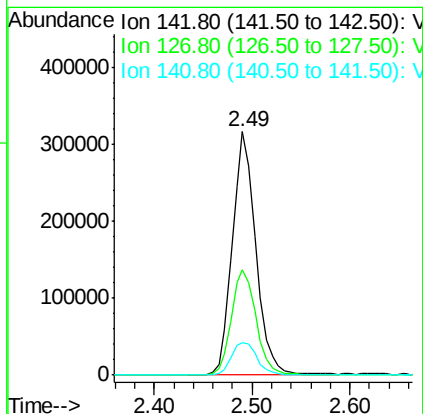
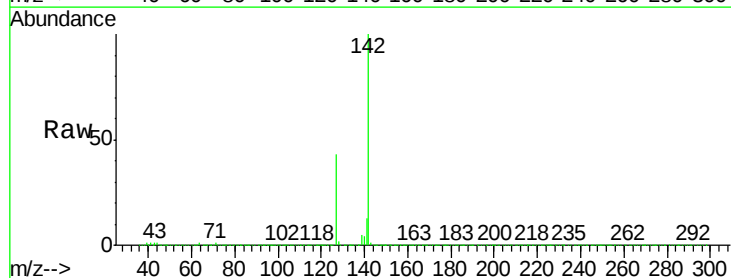
RT: 2.49 min Scan# 263

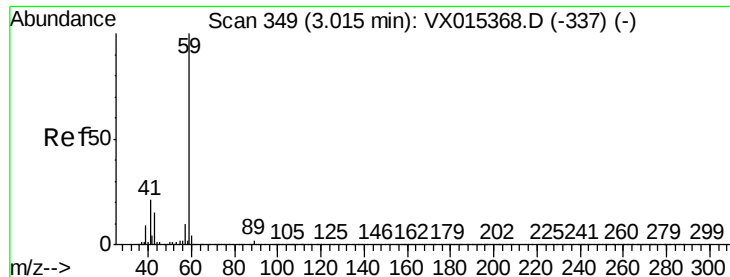
Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion:	142	Resp:	526055
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.9	53.9
141	14.8	11.6	17.4





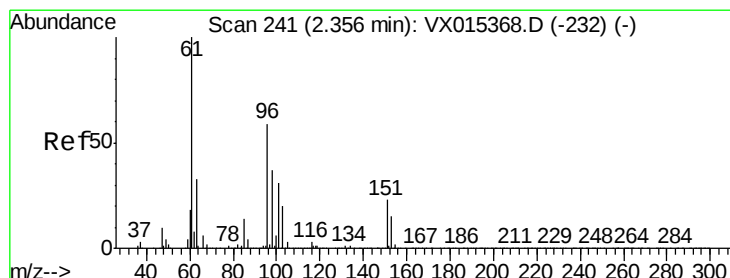
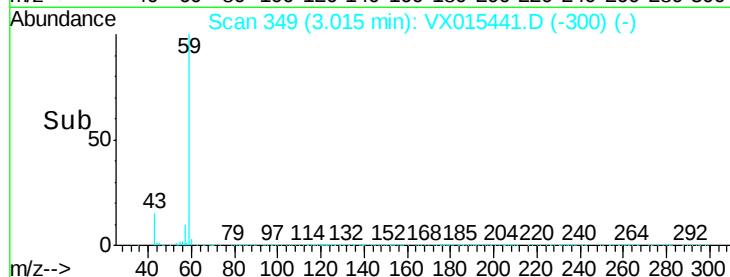
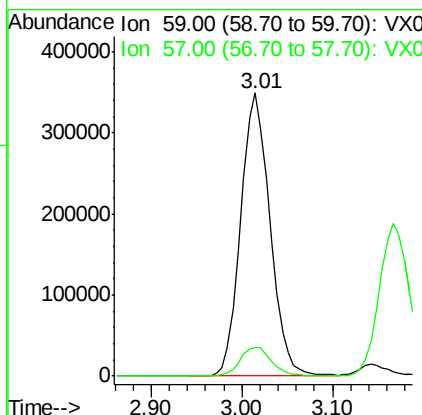
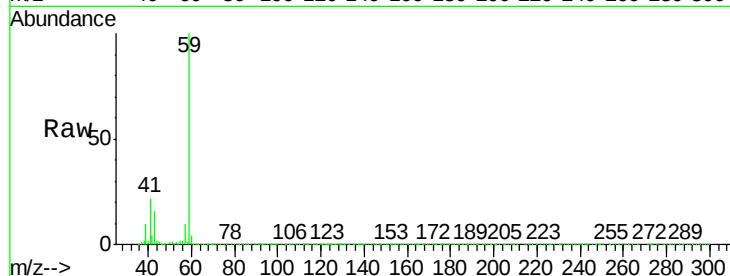
#11
Tert butyl alcohol
Concen: 252.451 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

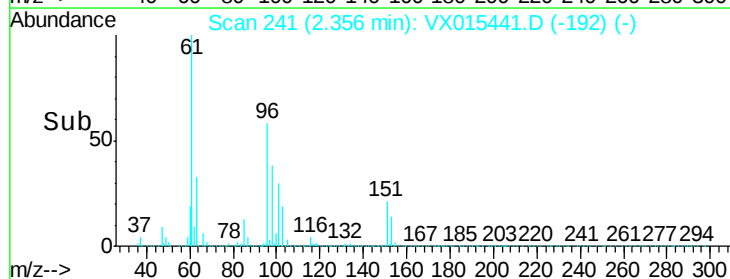
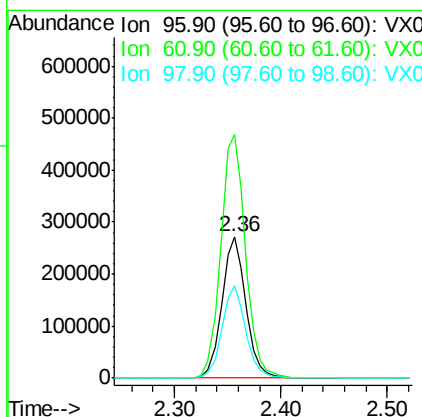
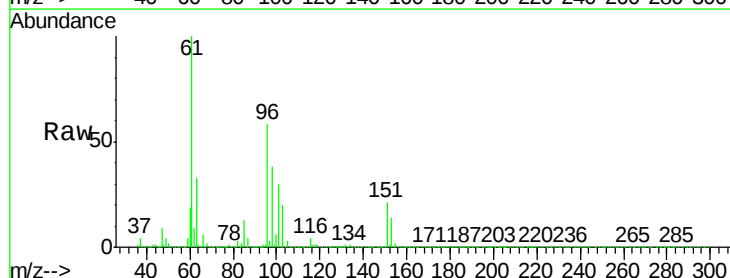
Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#12
1,1-Dichloroethene
Concen: 49.342 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.7	135.7	203.5
98	64.9	50.6	75.8





#13

Acrolein

Concen: 290.532 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 512528

Ion Ratio Lower Upper

56 100

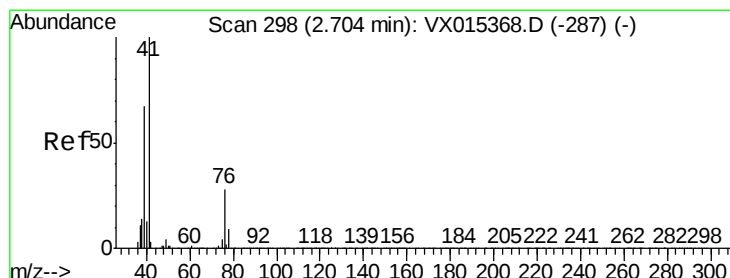
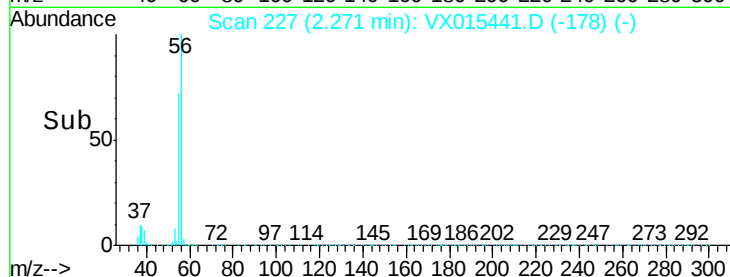
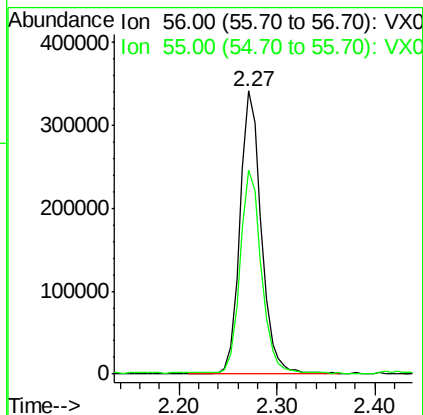
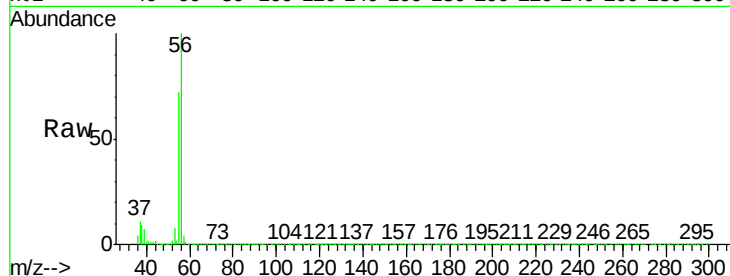
55 72.0 57.0 85.4

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#14

Allyl chloride

Concen: 54.255 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

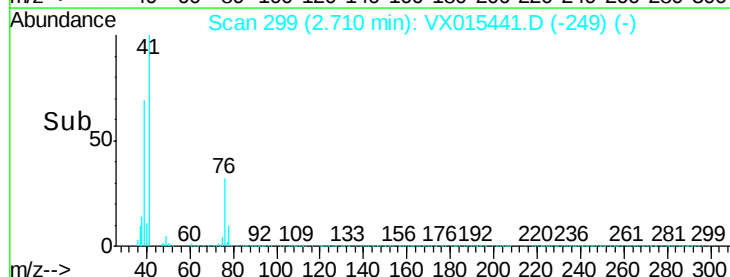
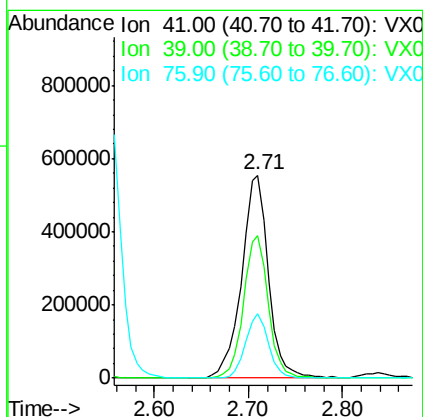
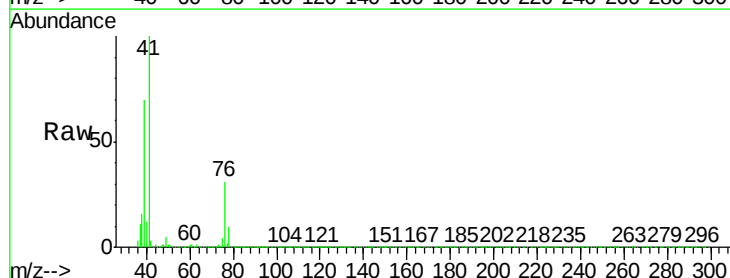
Tgt Ion: 41 Resp: 1097940

Ion Ratio Lower Upper

41 100

39 64.7 51.4 77.0

76 27.2 21.8 32.8





#15

Acrylonitrile

Concen: 282.405 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1667860

Ion Ratio Lower Upper

53 100

52 83.2 66.8 100.2

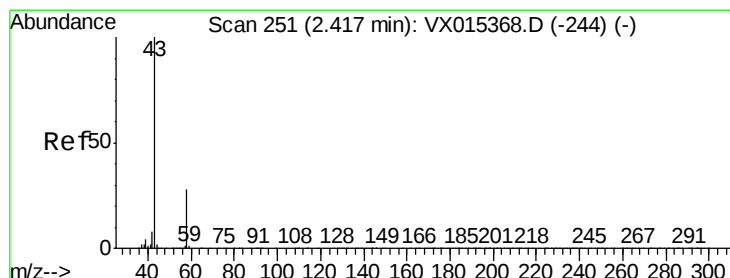
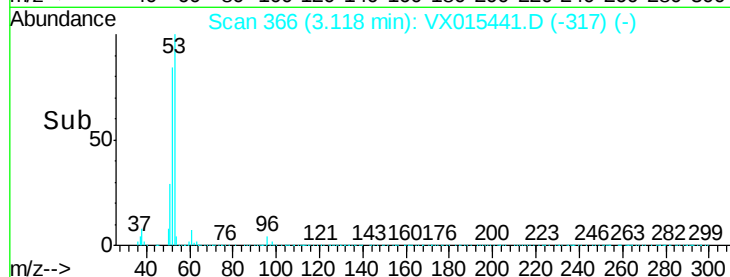
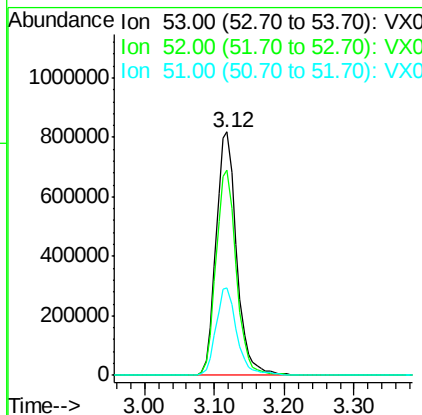
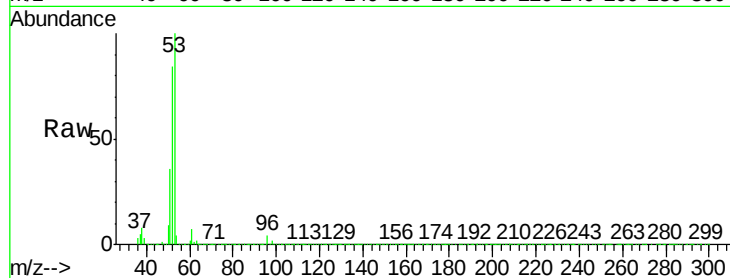
51 36.4 29.5 44.3

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#16

Acetone

Concen: 273.740 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015441.D

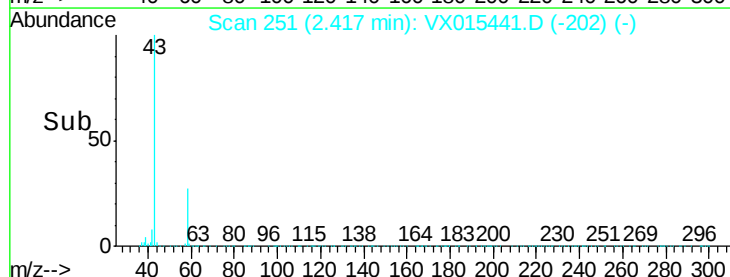
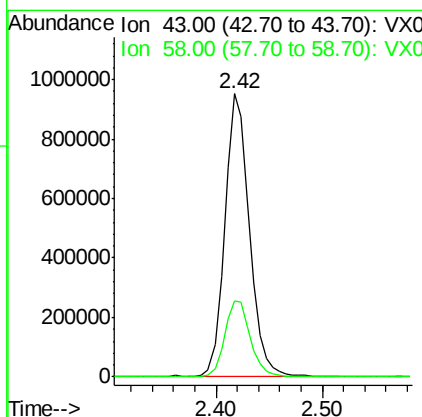
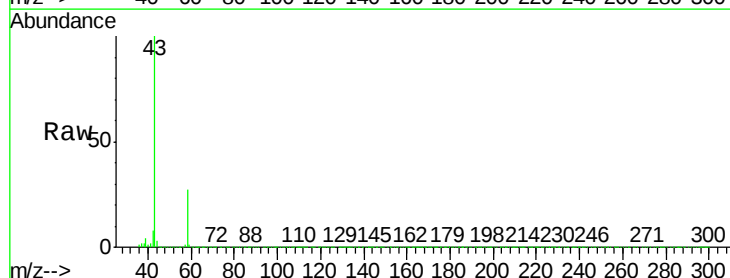
Acq: 30 Mar 2020 20:13

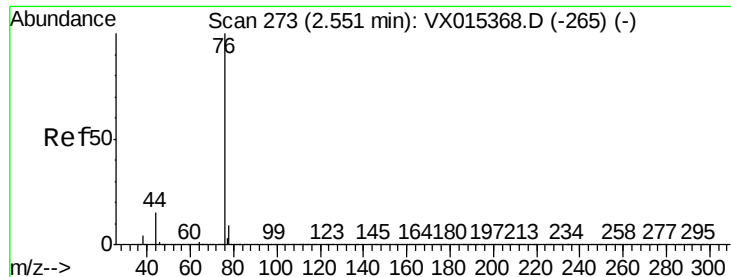
Tgt Ion: 43 Resp: 1521607

Ion Ratio Lower Upper

43 100

58 26.9 22.1 33.1





#17

Carbon Disulfide

Concen: 49.094 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1297090

Ion Ratio Lower Upper

76 100

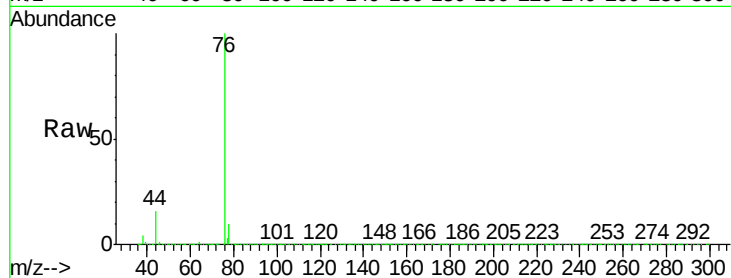
78 9.6 7.1 10.7

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

800000

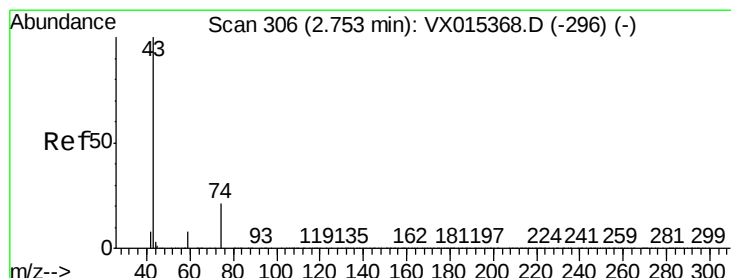
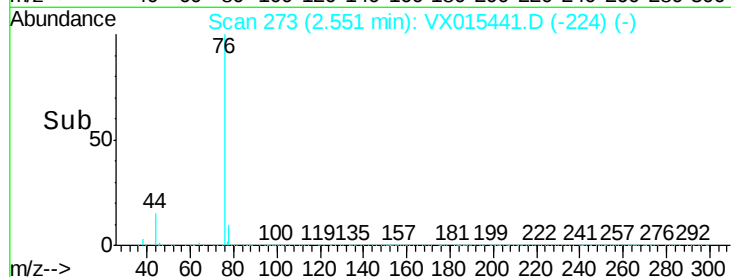
600000

400000

200000

0

Time--> 2.40 2.50 2.60 2.70



#18

Methyl Acetate

Concen: 55.316 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015441.D

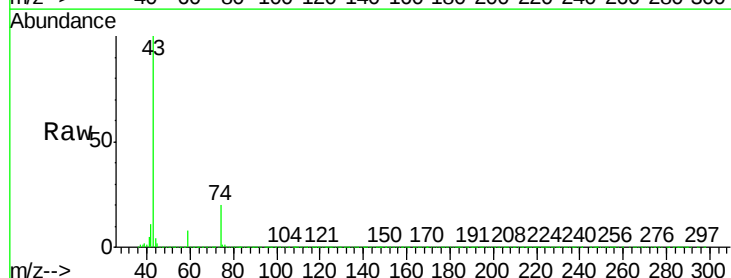
Acq: 30 Mar 2020 20:13

Tgt Ion: 43 Resp: 784775

Ion Ratio Lower Upper

43 100

74 21.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

500000

400000

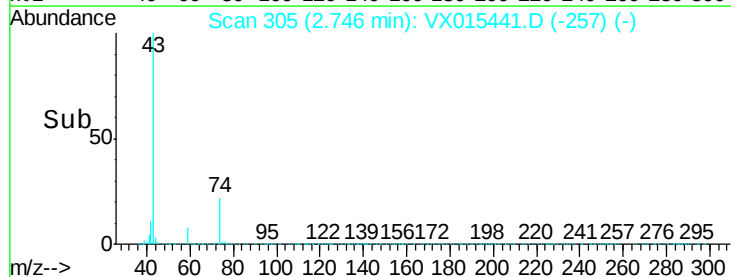
300000

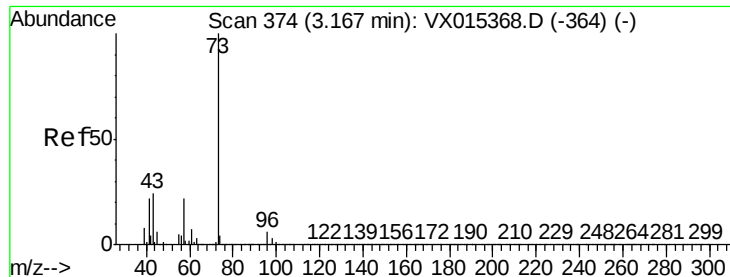
200000

100000

0

Time--> 2.65 2.70 2.75 2.80 2.85





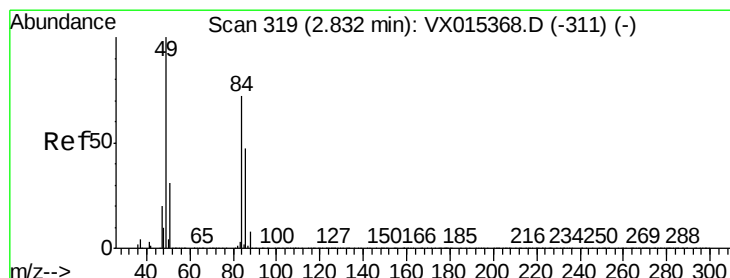
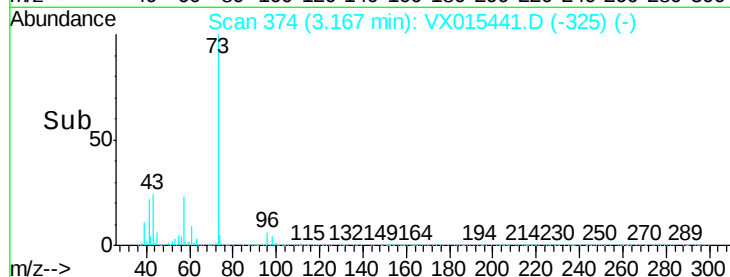
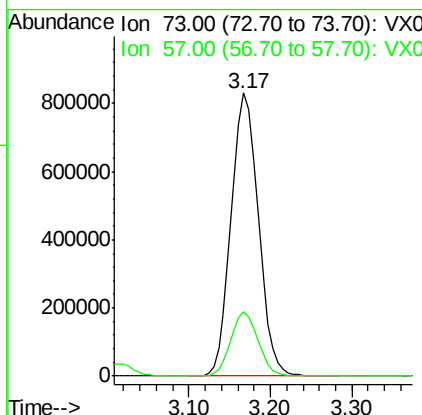
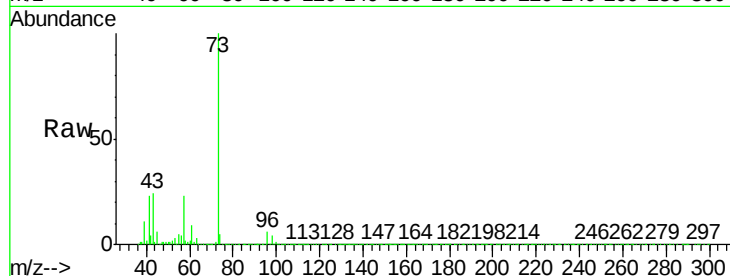
#19
Methvl tert-butvl Ether
Concen: 57.216 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1921888
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9

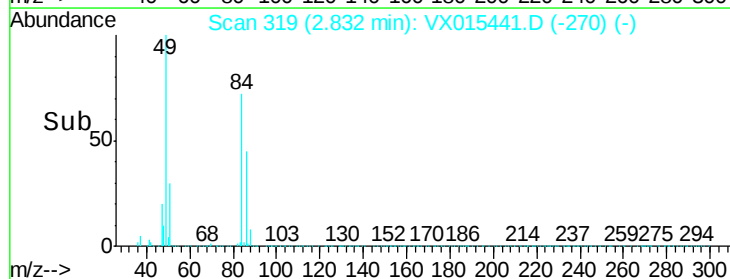
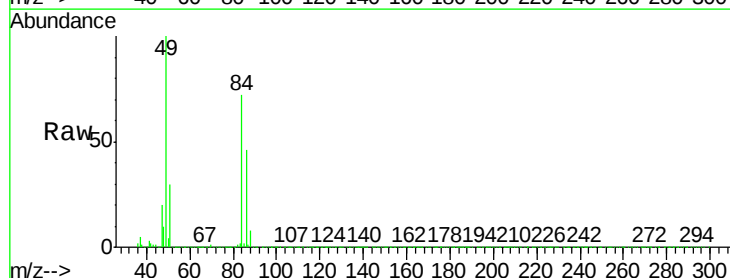
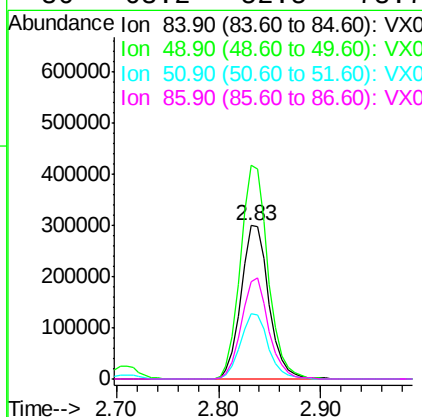
Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#20
Methylene Chloride
Concen: 54.558 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 84 Resp: 566458
Ion Ratio Lower Upper
84 100
49 138.9 111.3 166.9
51 42.0 34.0 51.0
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.822 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 498103

Ion Ratio Lower Upper

96 100

61 151.9 116.9 175.3

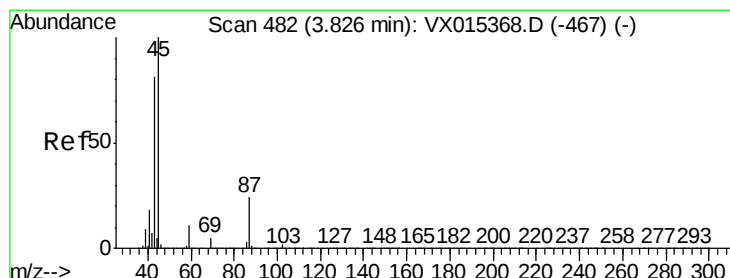
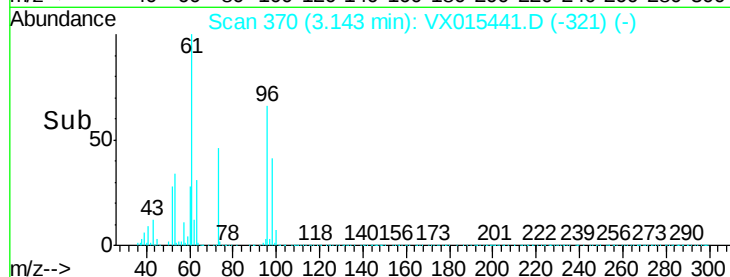
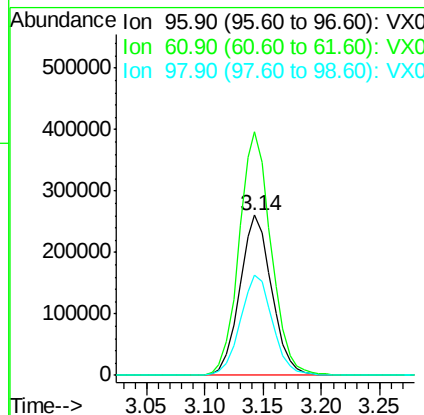
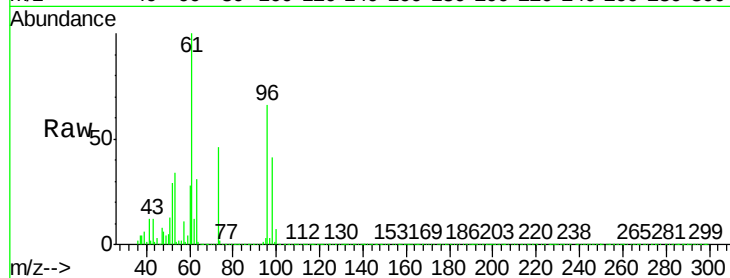
98 62.6 48.6 73.0

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#22

Diisopropyl ether

Concen: 57.484 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion: 45 Resp: 2061340

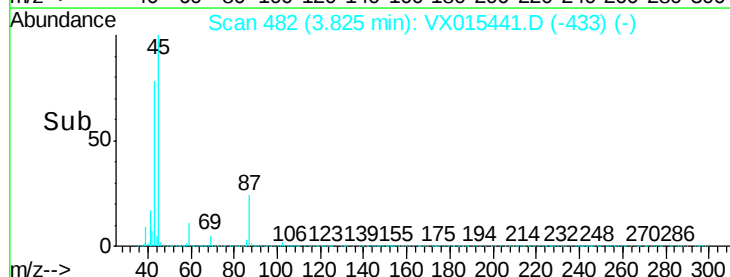
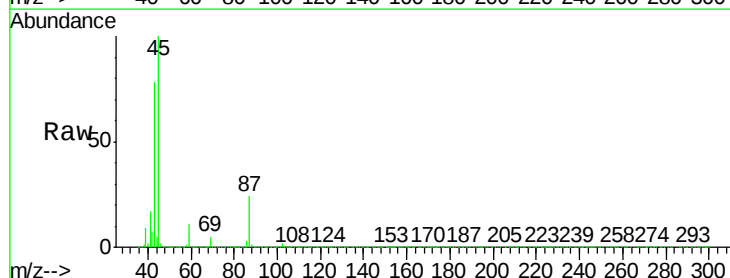
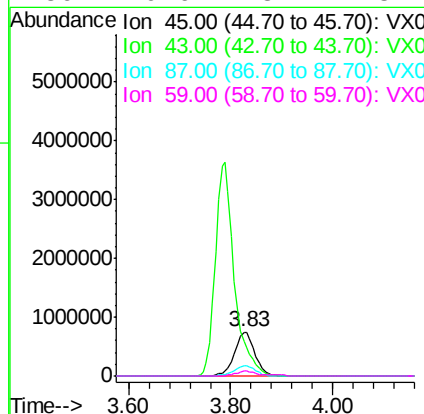
Ion Ratio Lower Upper

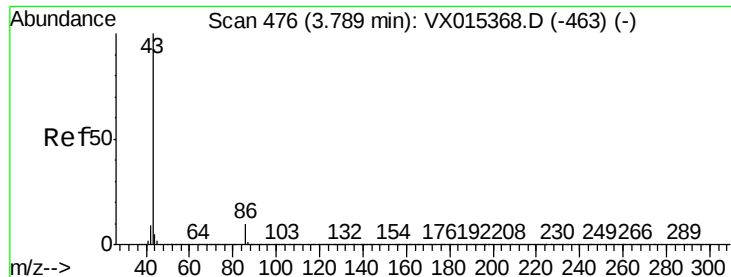
45 100

43 77.7 64.7 97.1

87 24.1 19.4 29.0

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 289.771 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 9408030

Ion Ratio Lower Upper

43 100

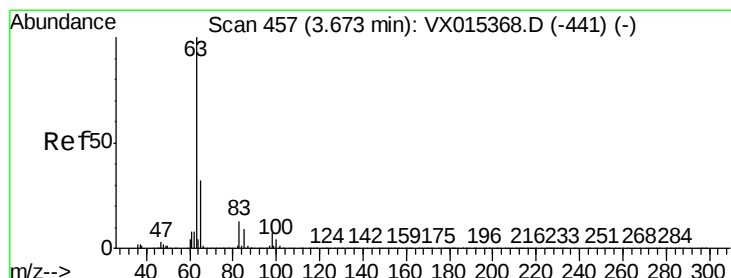
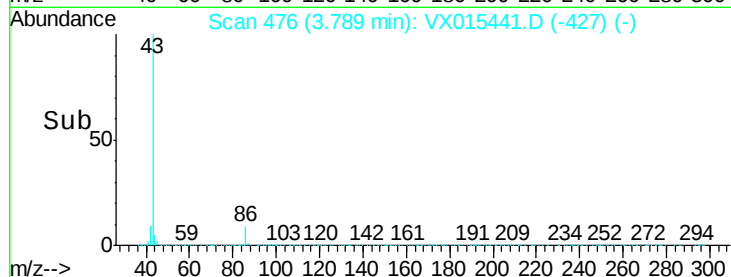
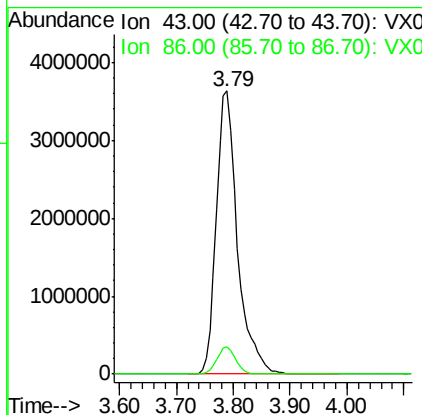
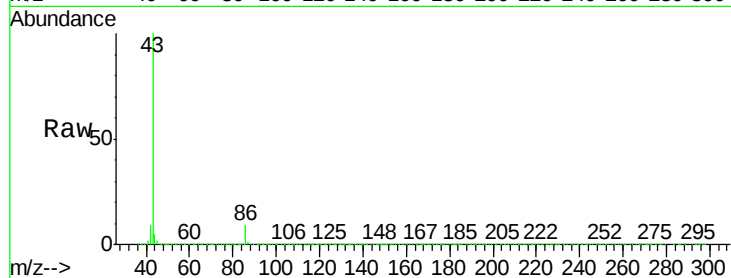
86 9.5 7.8 11.6

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#24

1,1-Dichloroethane

Concen: 54.289 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

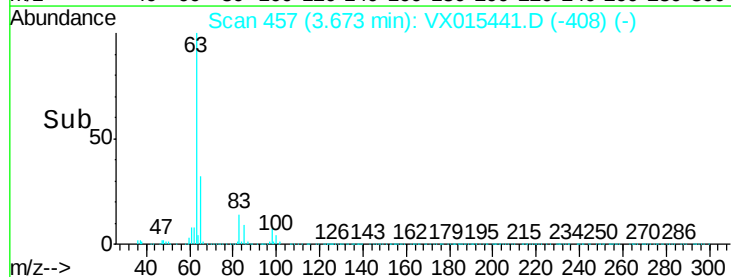
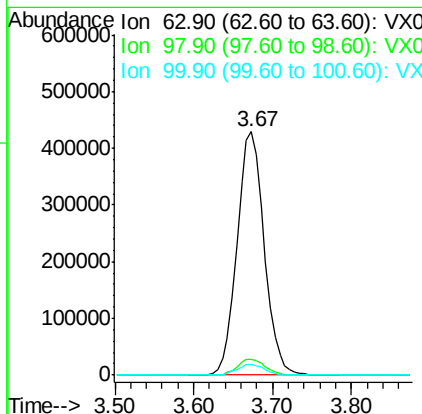
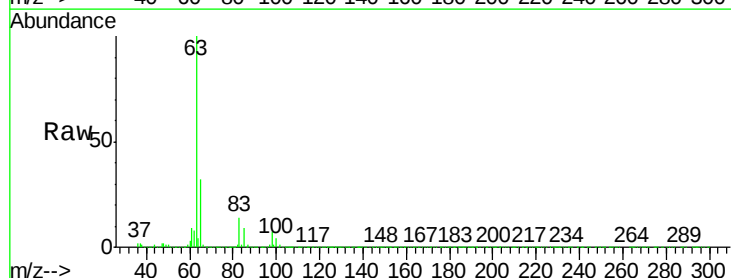
Tgt Ion: 63 Resp: 1024988

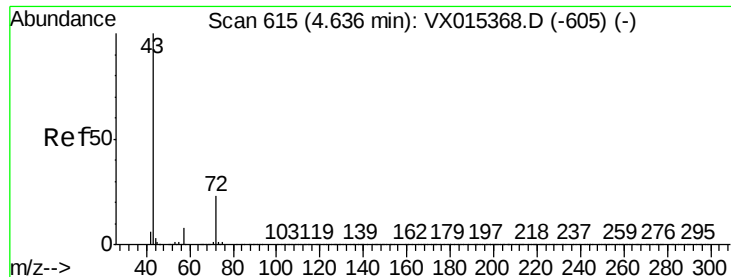
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 273.533 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tot Ion: 43 Resp: 2445211

Ion Ratio Lower Upper

43 100

72 23.1 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

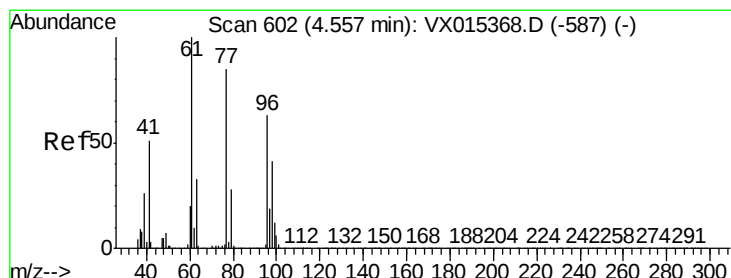
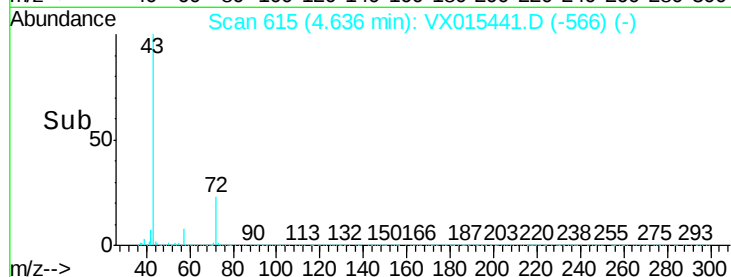
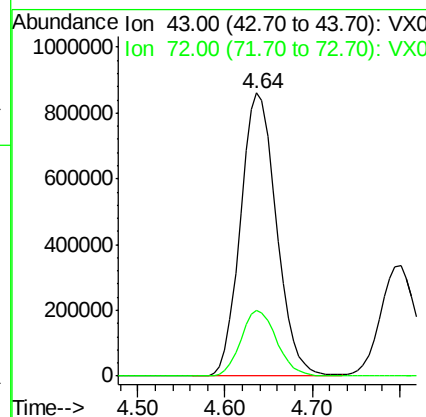
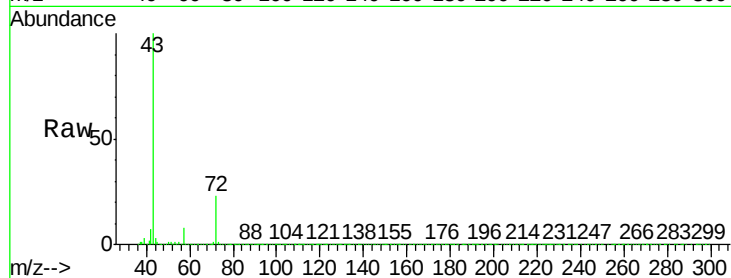
VSTDCCC050EC

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#26

2,2-Dichloropropane

Concen: 51.091 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015441.D

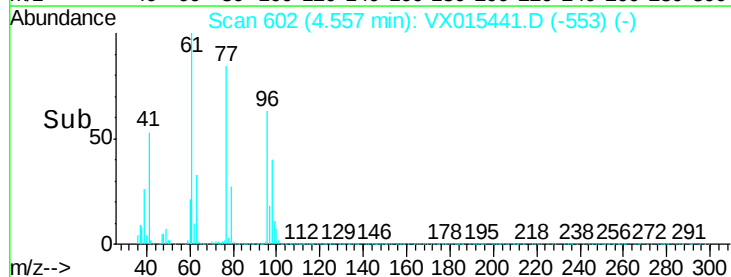
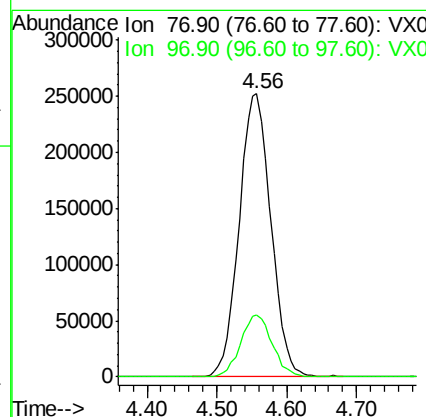
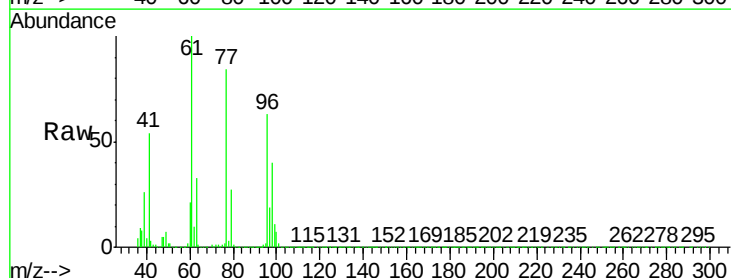
Acq: 30 Mar 2020 20:13

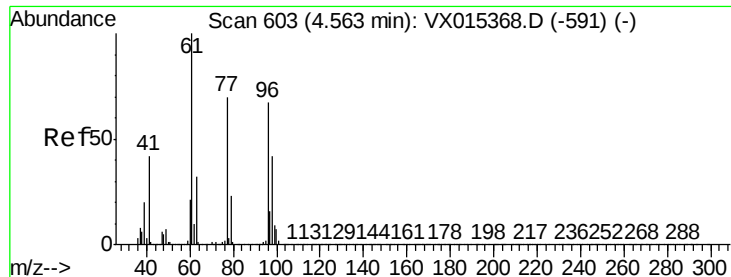
Tgt Ion: 77 Resp: 791775

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.8





#27

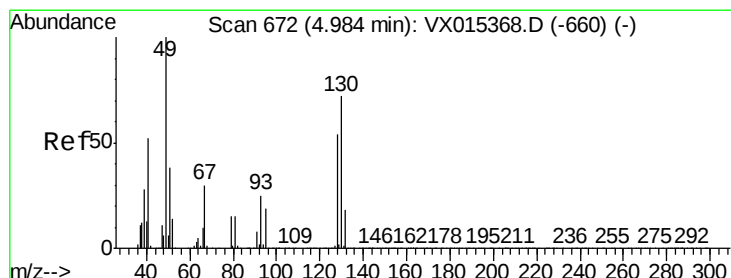
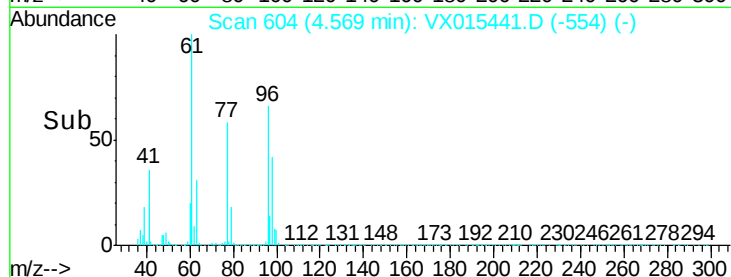
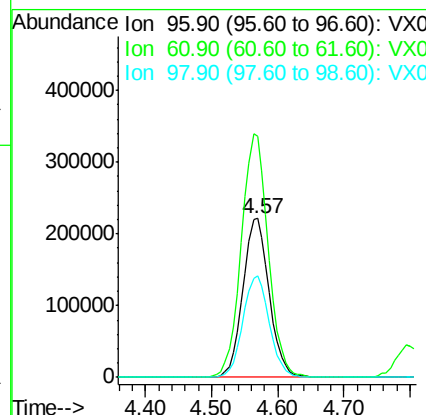
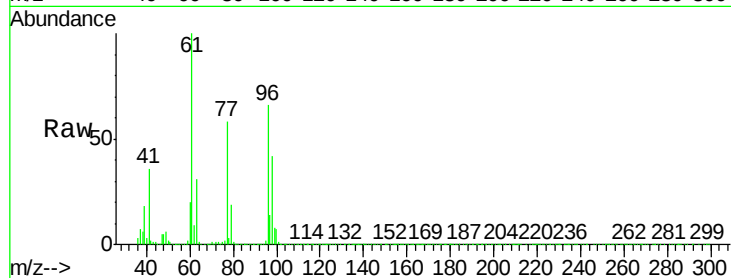
cis-1,2-Dichloroethene
Concen: 54.845 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.5	0.0	308.4
98	64.3	0.0	129.2

Manual Integrations
APPROVED

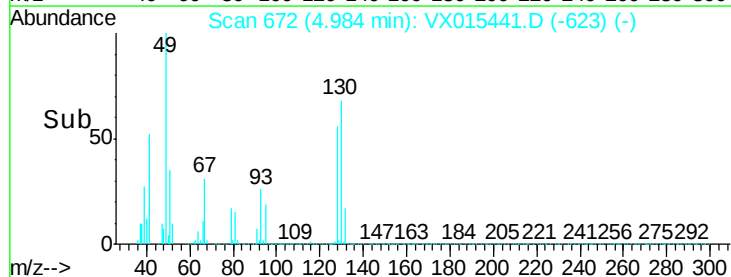
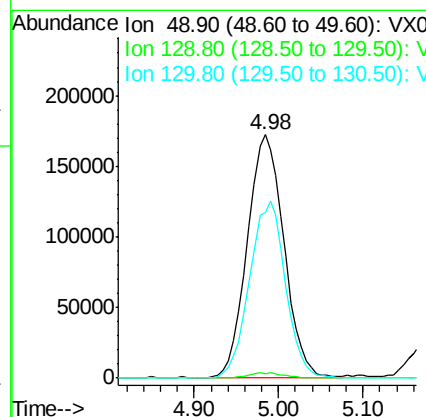
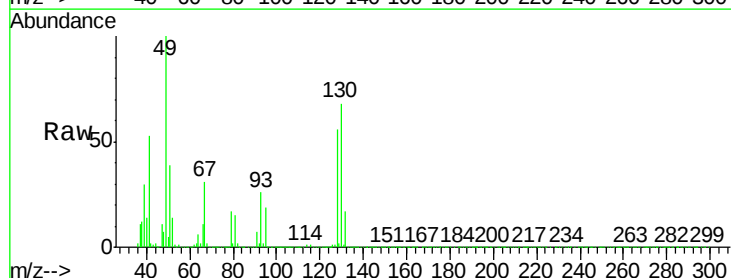
apatel
3/31/2020 11:05:35 AM

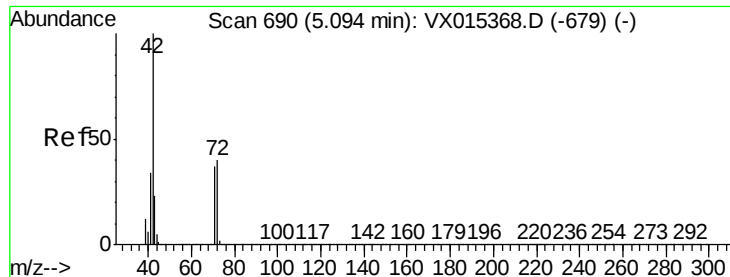


#28

Bromochloromethane
Concen: 56.316 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	71.3	57.7	86.5





#29

Tetrahydrofuran

Concen: 277.084 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1592367

Ion Ratio Lower Upper

42 100

72 39.6 31.7 47.5

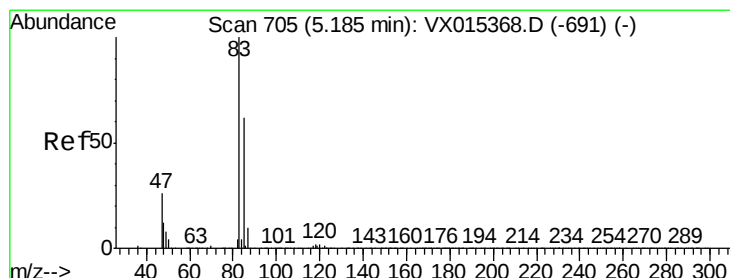
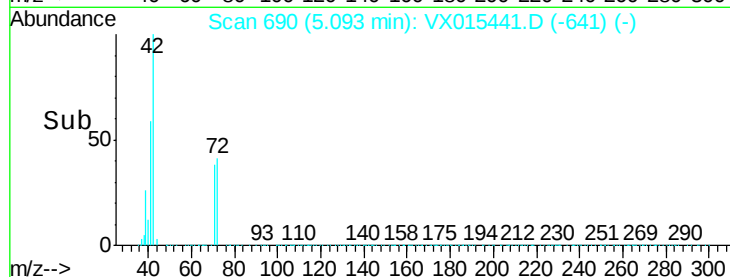
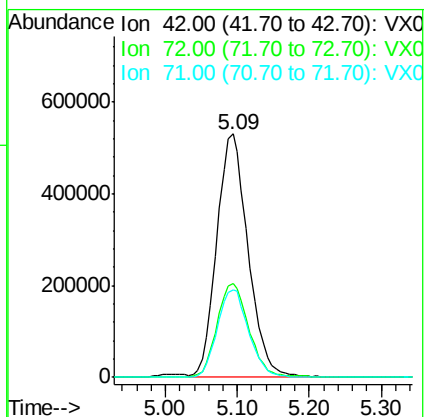
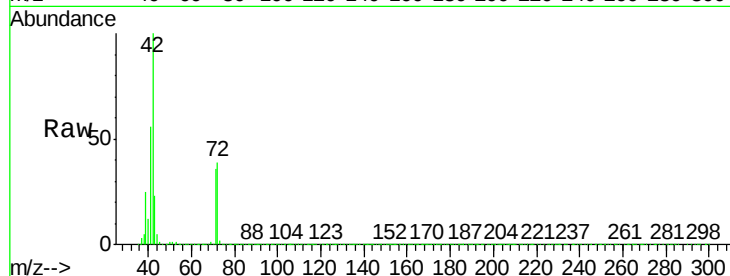
71 36.3 29.6 44.4

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#30

Chloroform

Concen: 55.510 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015441.D

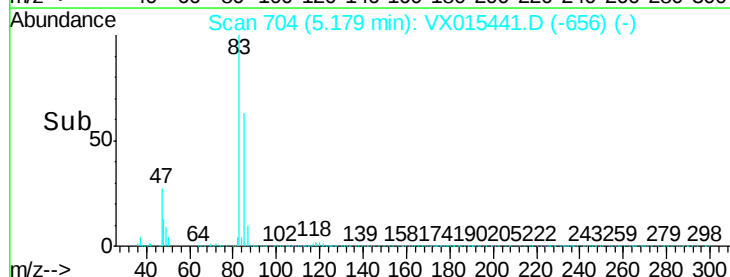
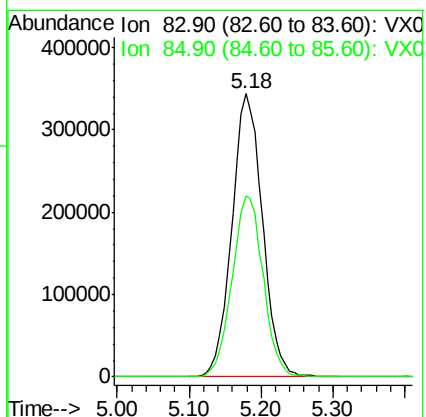
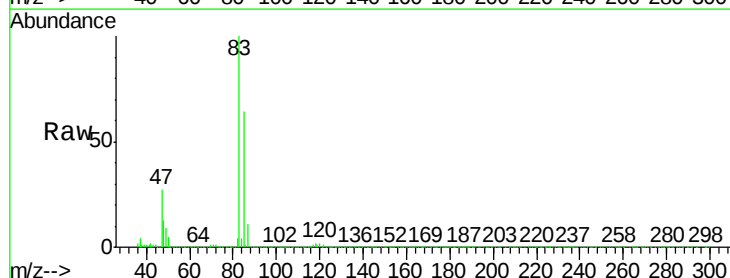
Acq: 30 Mar 2020 20:13

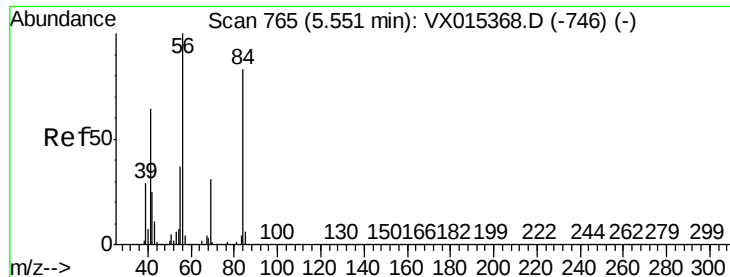
Tgt Ion: 83 Resp: 1008313

Ion Ratio Lower Upper

83 100

85 63.7 49.5 74.3





#31

Cyclohexane

Concen: 44.020 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

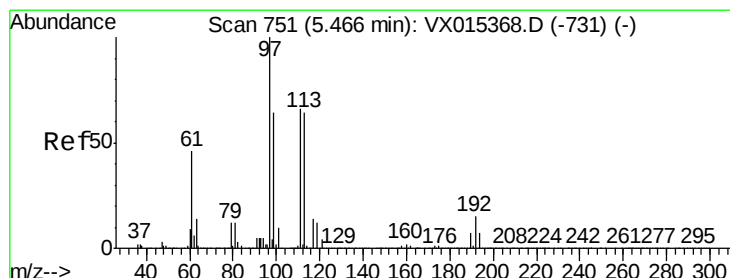
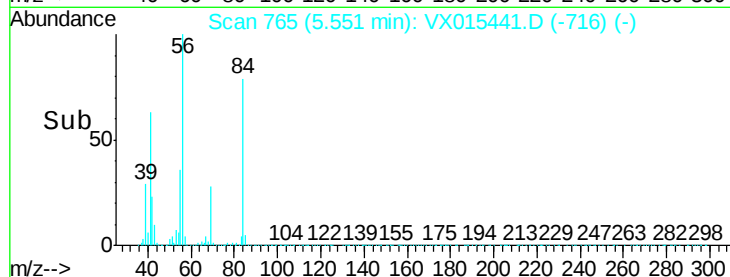
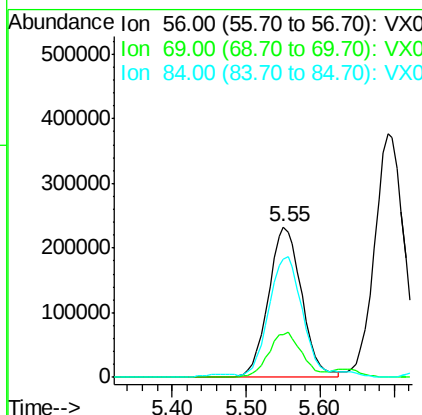
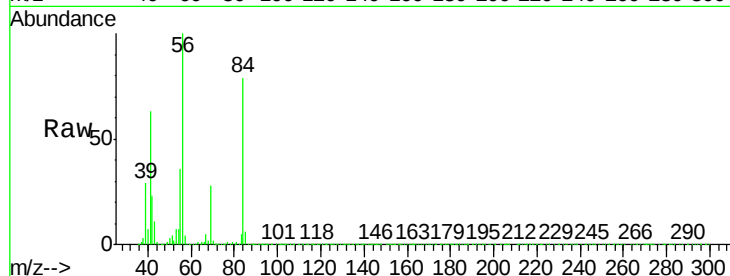
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	720987
Ion Ratio	Lower	Upper	
56	100		
69	27.6	24.6	36.8
84	78.2	66.1	99.1

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#32

1,1,1-Trichloroethane

Concen: 51.196 ug/l

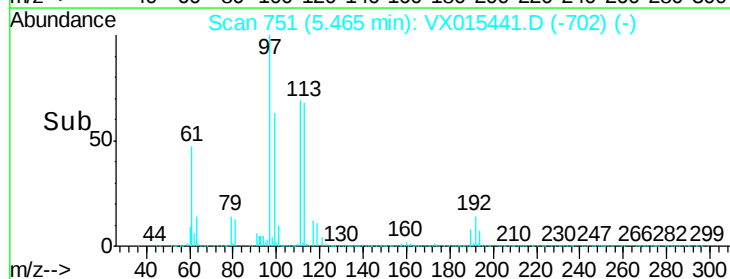
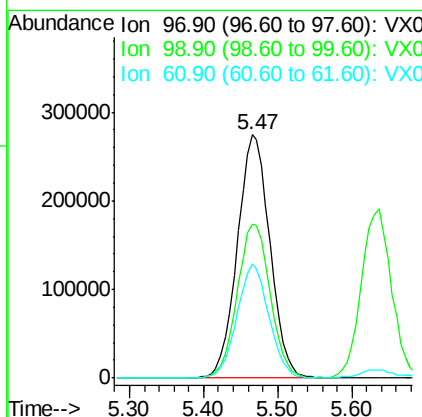
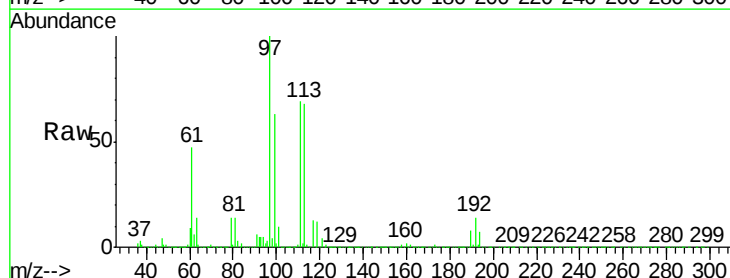
RT: 5.47 min Scan# 751

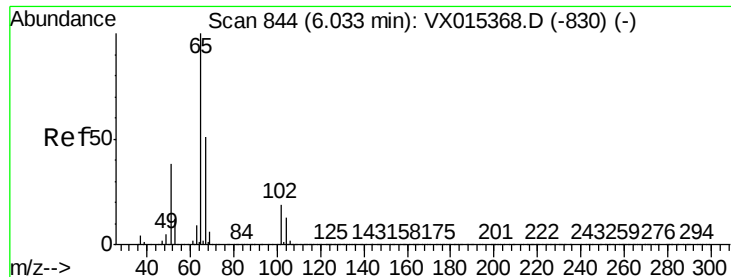
Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion:	97	Resp:	841605
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.0	76.4
61	46.0	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 58.267 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 753873

Ion Ratio Lower Upper

65 100

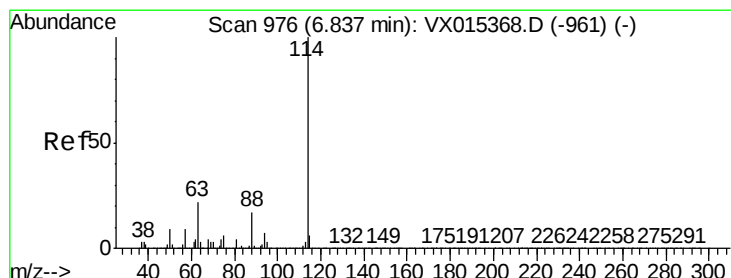
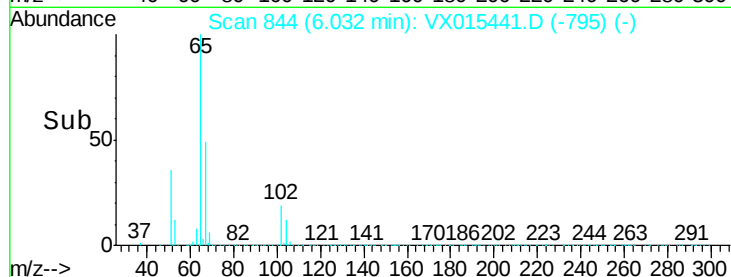
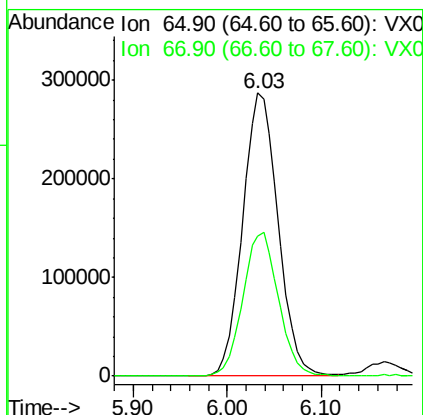
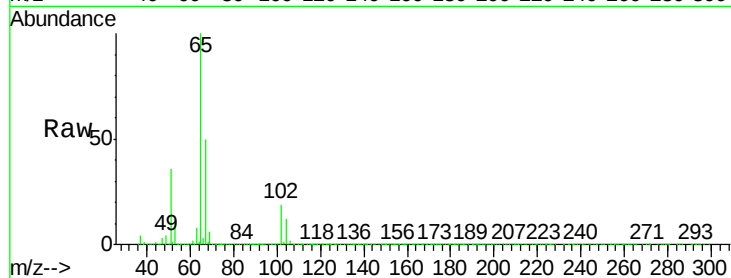
67 50.8 0.0 102.6

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

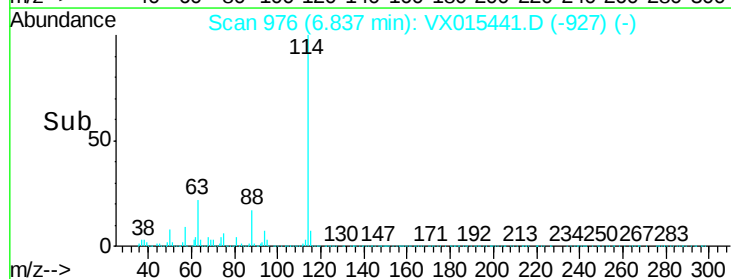
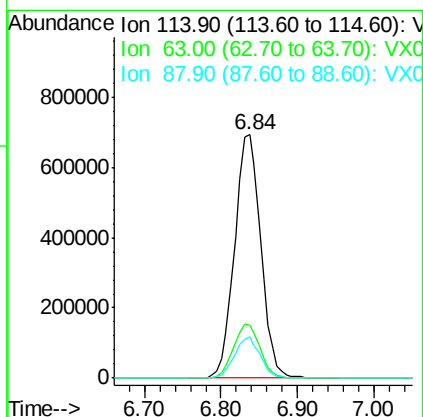
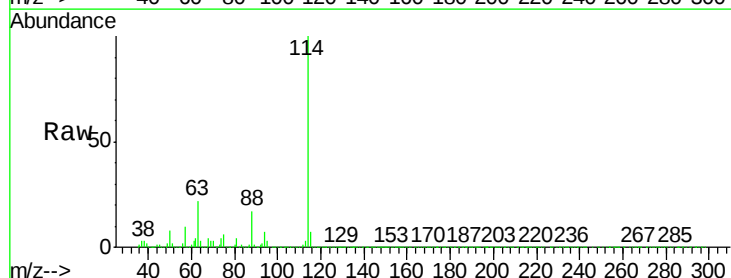
Tgt Ion: 114 Resp: 1642981

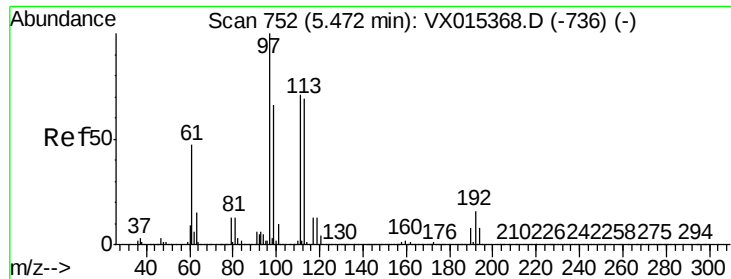
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

88 16.8 0.0 33.8





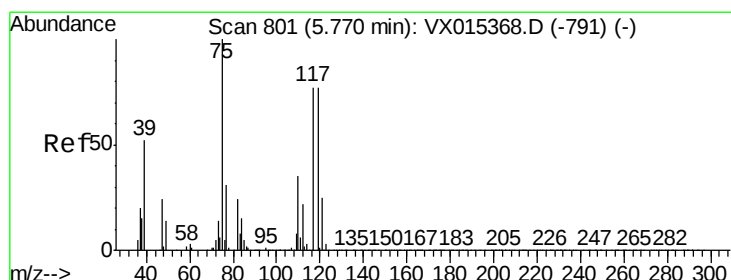
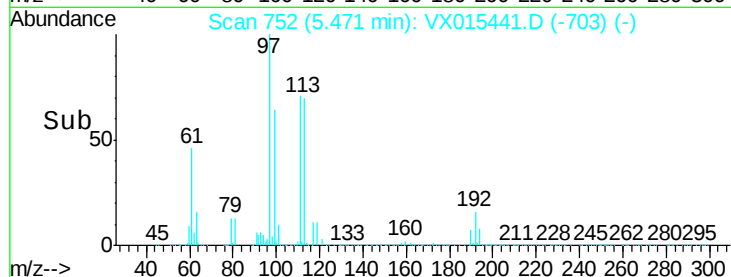
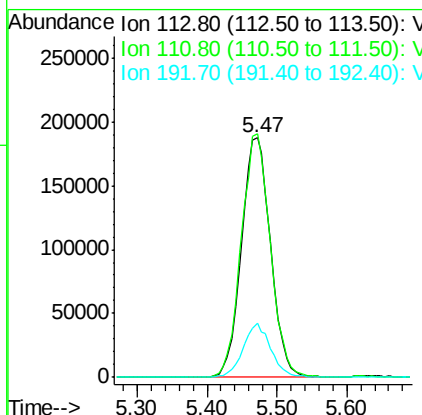
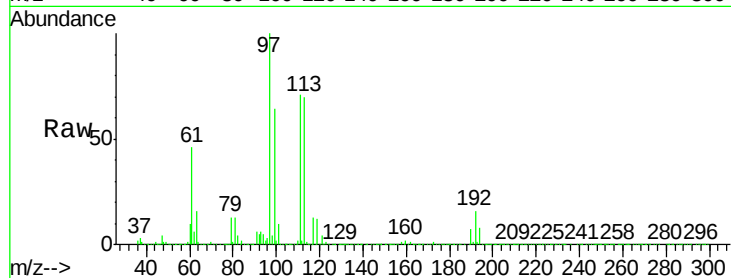
#35
 Dibromofluoromethane
 Concen: 51.500 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.5	122.3
192	21.4	17.8	26.6

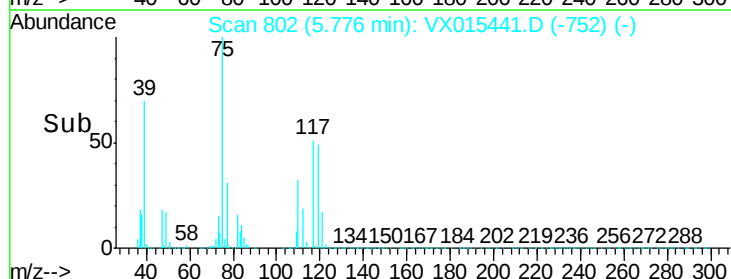
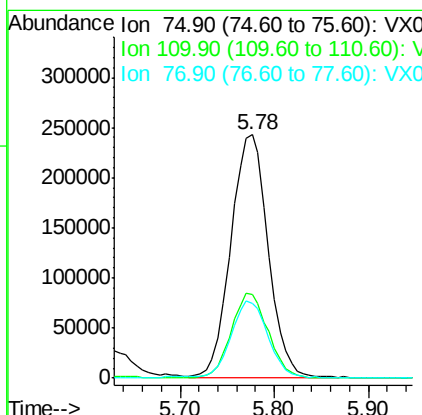
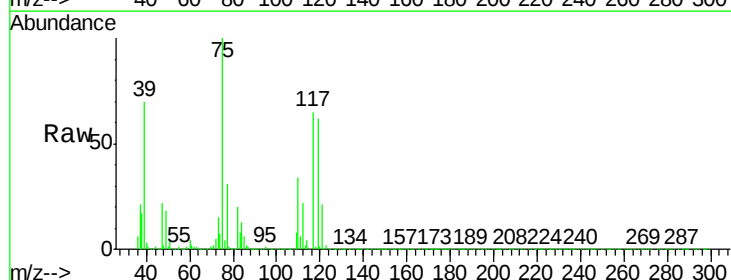
Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:35 AM



#36
 1,1-Dichloropropene
 Concen: 44.051 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.1	51.3
77	31.1	24.6	36.8





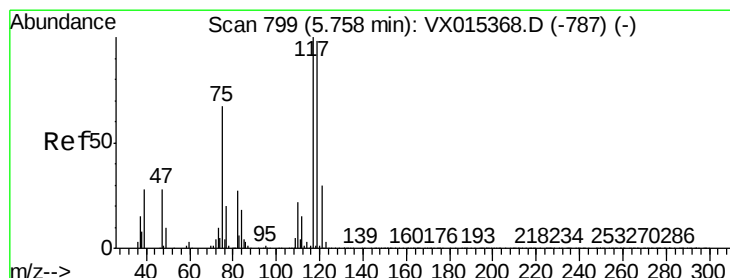
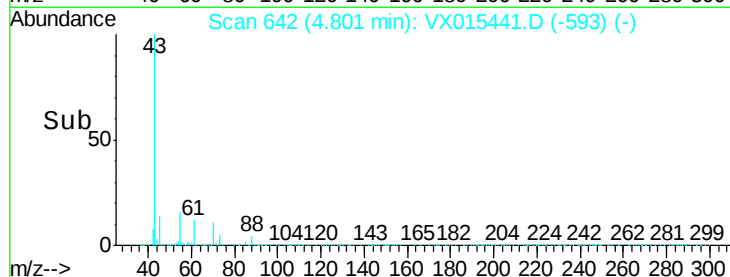
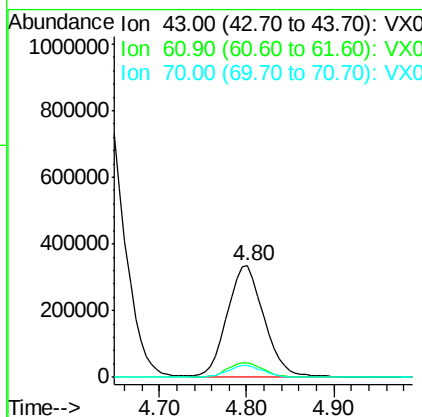
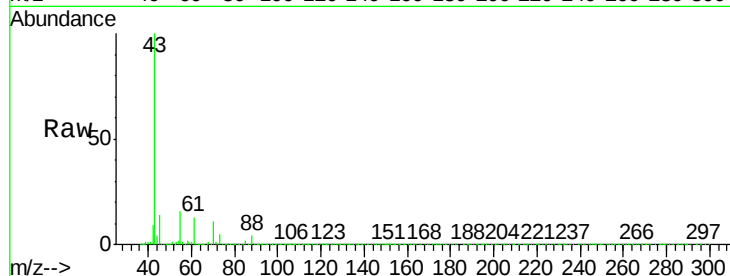
#37
Ethyl Acetate
Concen: 49.261 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	10.4	8.1	12.1

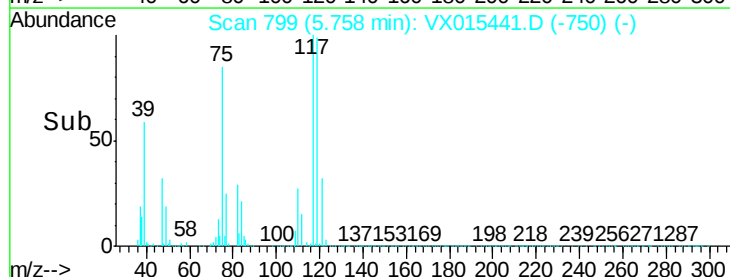
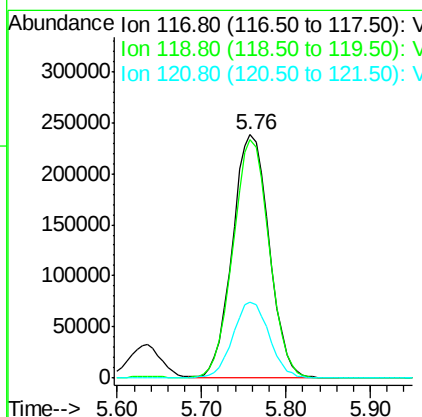
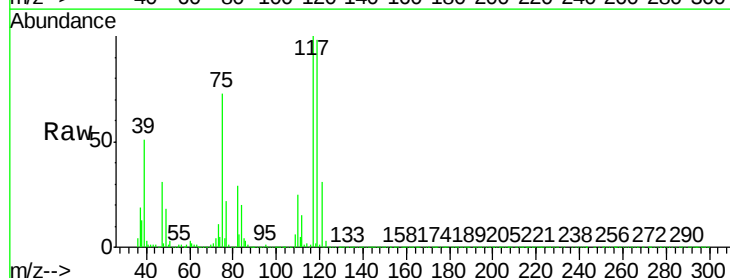
Manual Integrations
APPROVED

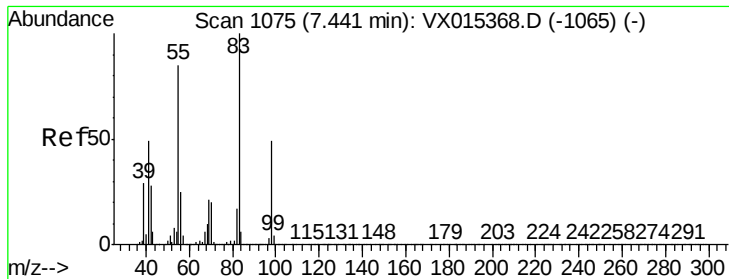
apatel
3/31/2020 11:05:35 AM



#38
Carbon Tetrachloride
Concen: 42.631 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.0	117.0
121	31.4	23.8	35.8





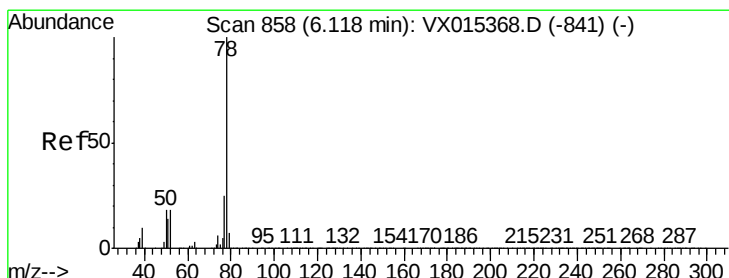
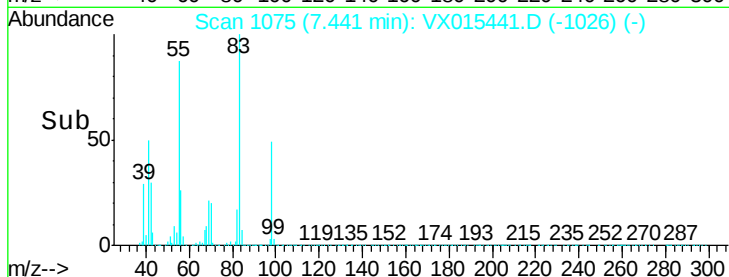
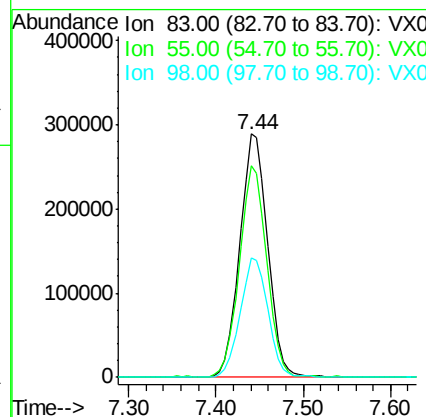
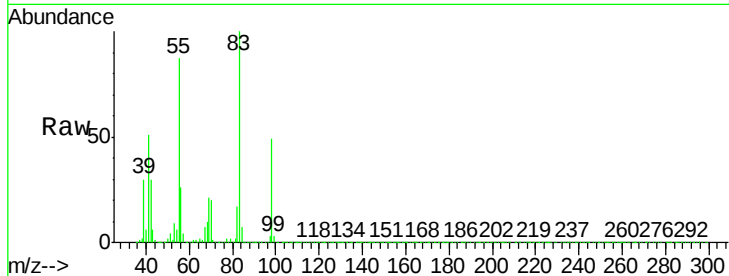
#39
Methvlcvclohexane
Concen: 36.598 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.9	67.8	101.6
98	49.2	39.3	58.9

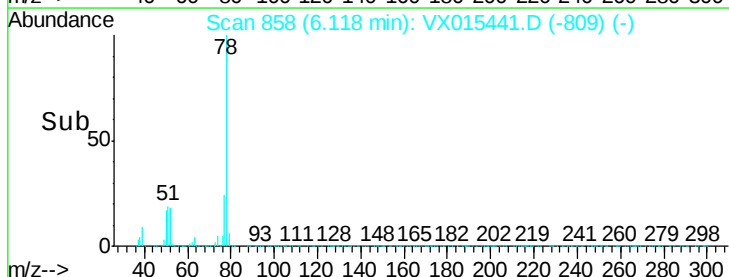
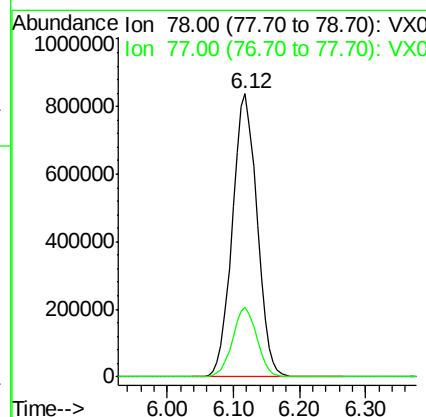
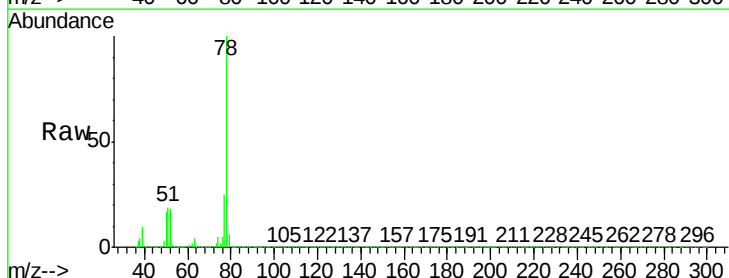
Manual Integrations
APPROVED

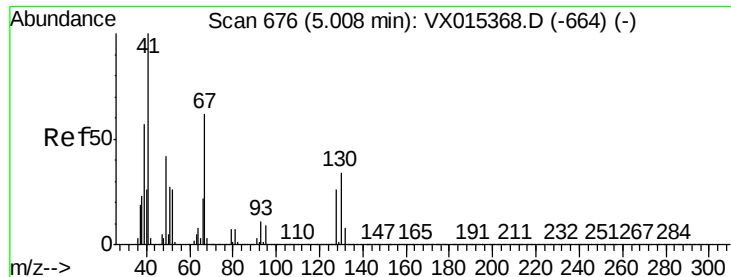
apatel
3/31/2020 11:05:35 AM



#40
Benzene
Concen: 49.001 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.8	29.8





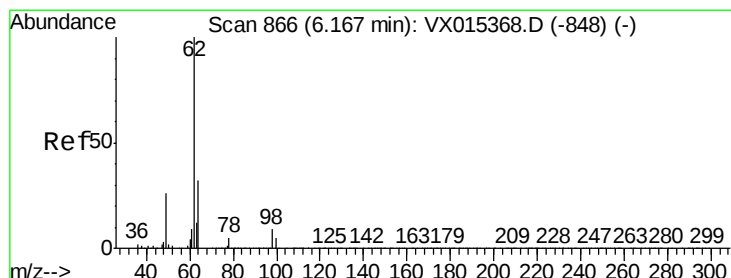
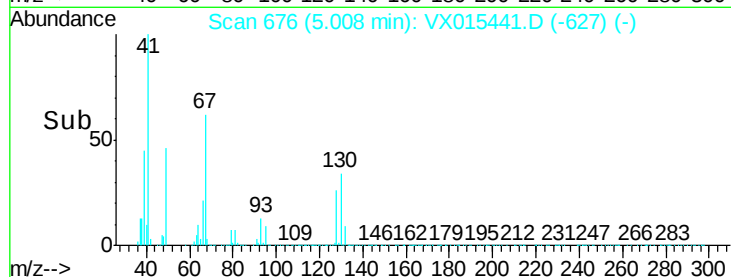
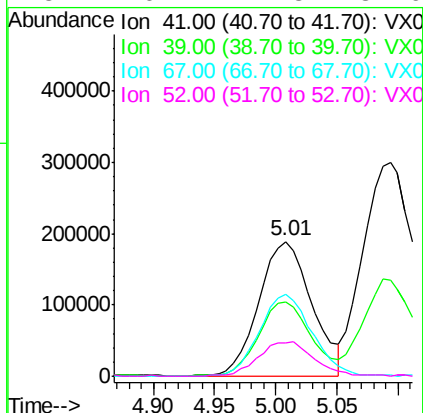
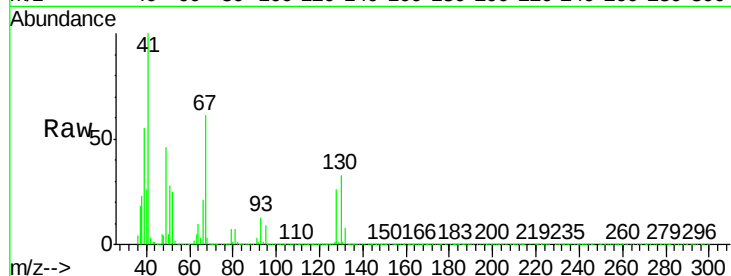
#41
Methacrylonitrile
Concen: 51.995 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	44.5	66.7	
67	60.3	48.9	73.3	
52	26.4	21.8	32.6	

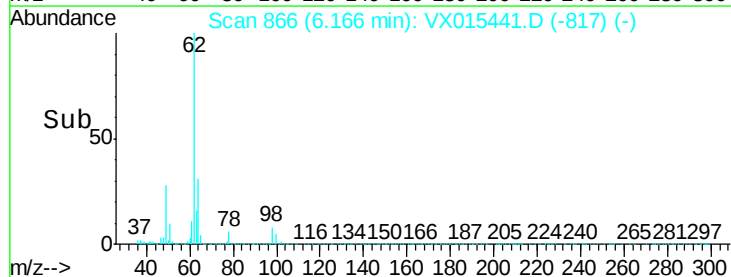
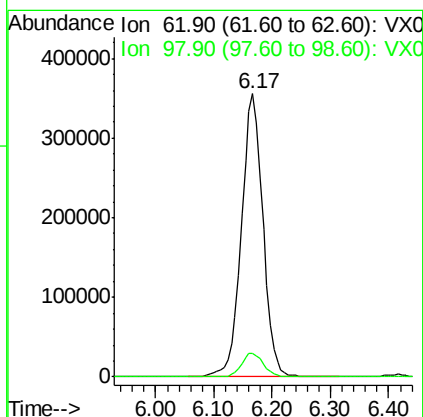
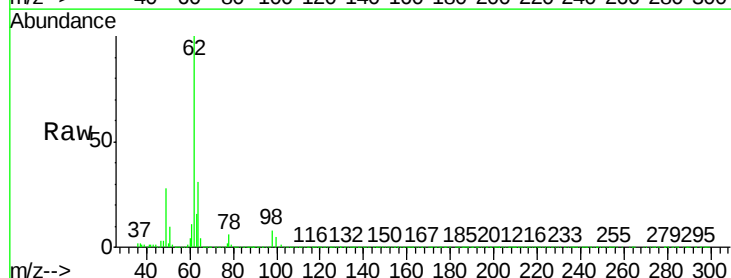
Manual Integrations
APPROVED

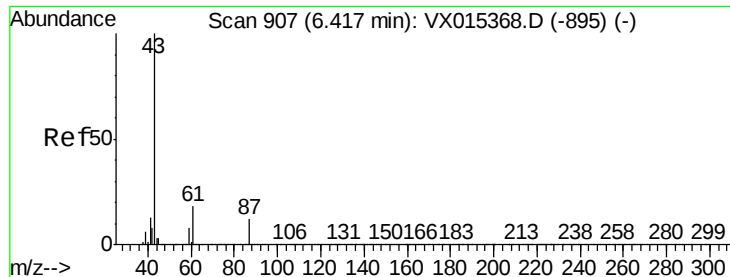
apatel
3/31/2020 11:05:35 AM



#42
1,2-Dichloroethane
Concen: 51.237 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.6	





#43

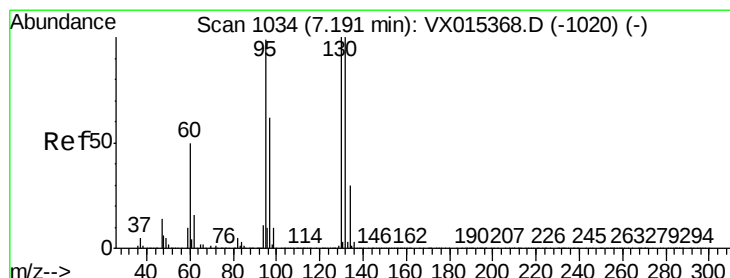
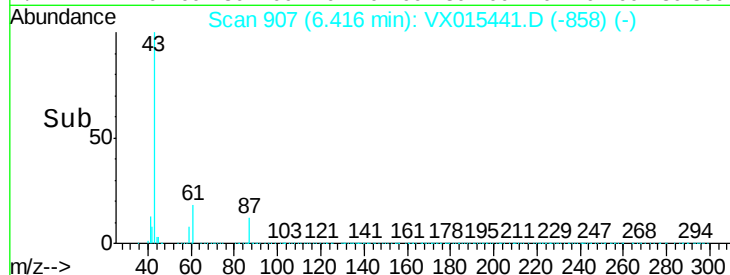
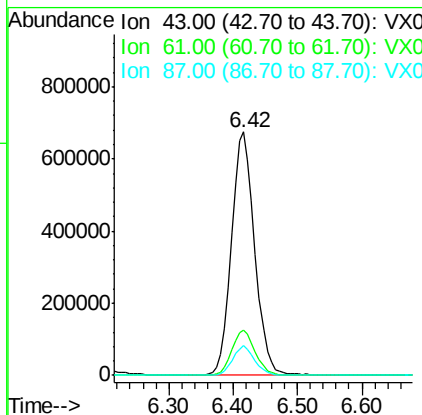
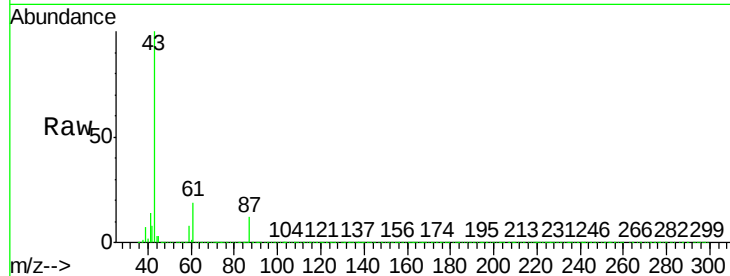
Isopropyl Acetate
 Concen: 50.604 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.8	22.2
87	11.6	9.4	14.0

Manual Integrations
 APPROVED

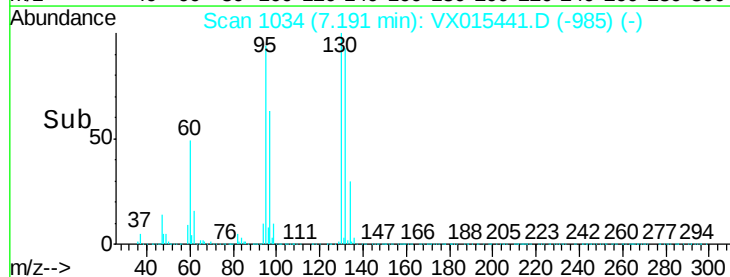
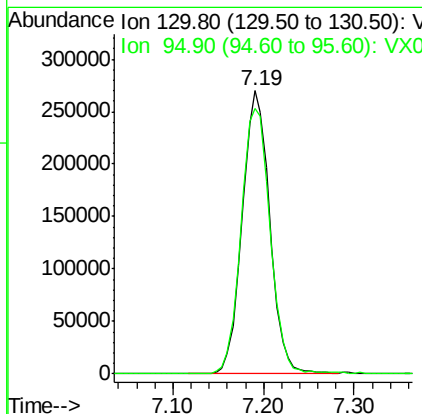
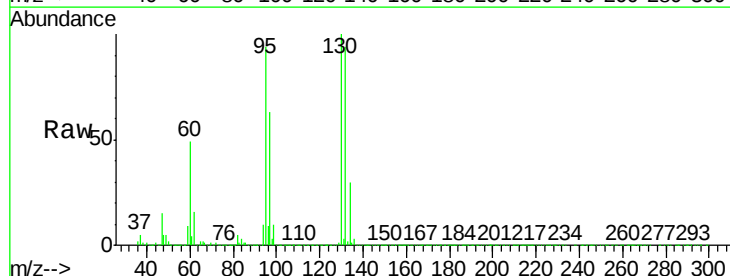
apatel
 3/31/2020 11:05:35 AM

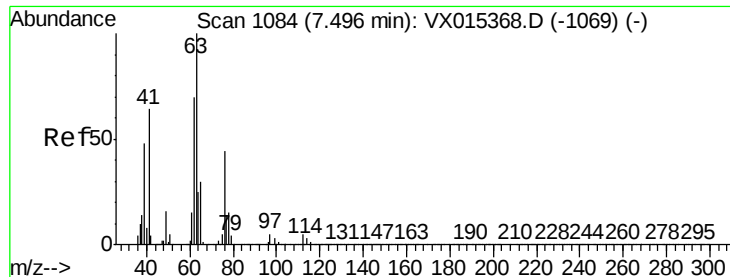


#44

Trichloroethene
 Concen: 46.822 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	199.0





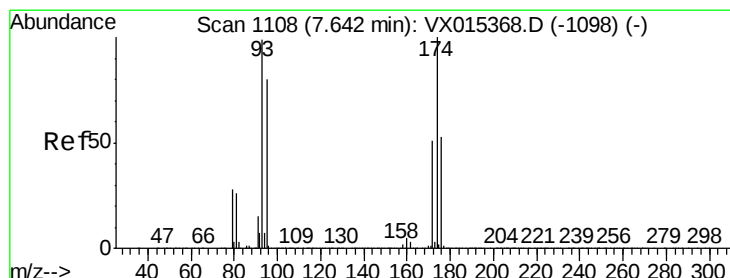
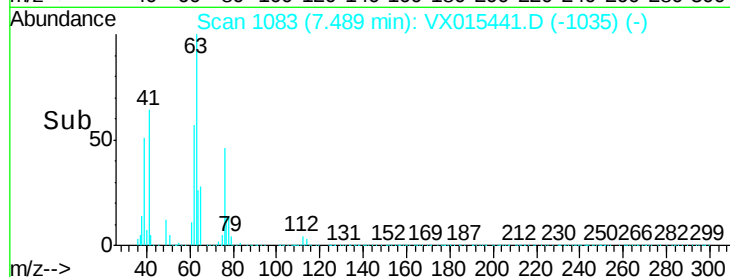
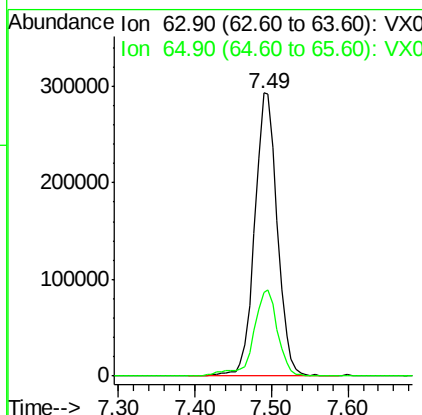
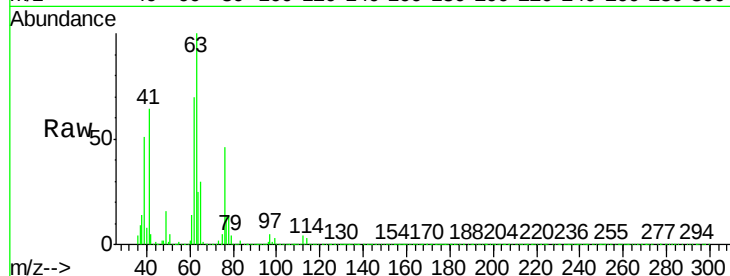
#45
 1,2-Dichloropropane
 Concen: 49.638 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	23.9	35.9

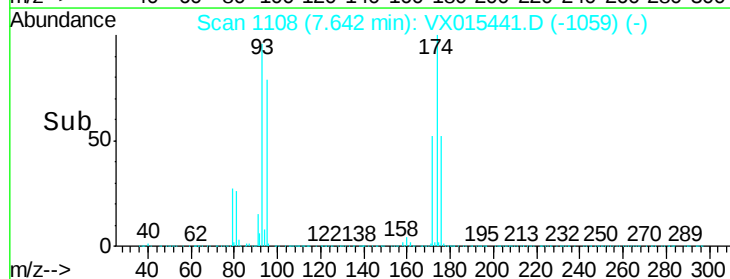
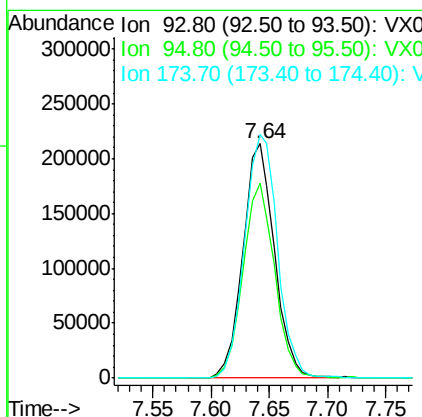
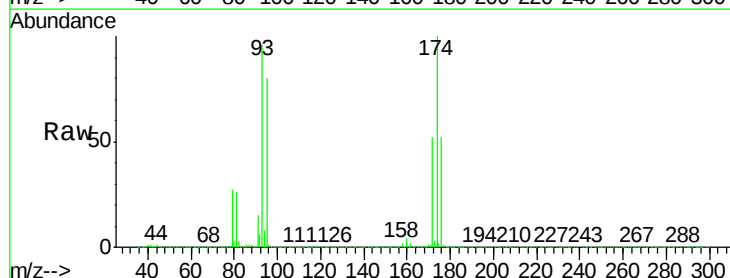
Manual Integrations
 APPROVED

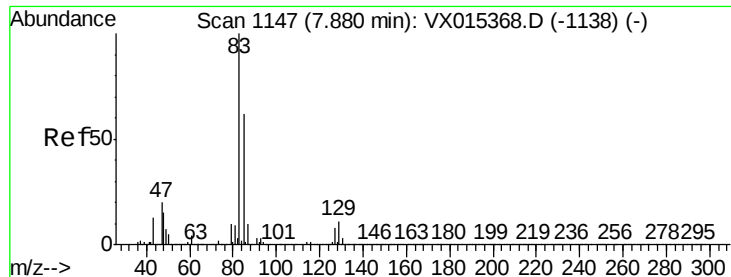
apatel
 3/31/2020 11:05:35 AM



#46
 Dibromomethane
 Concen: 50.732 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.8	98.8
174	108.7	86.2	129.2





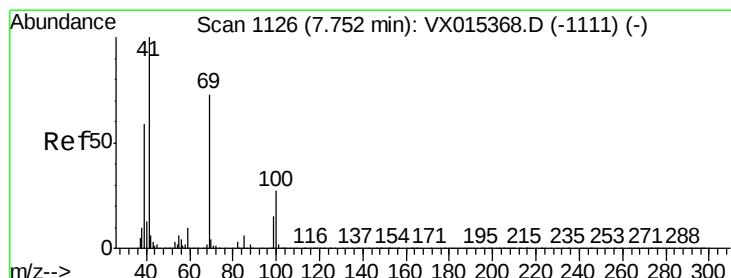
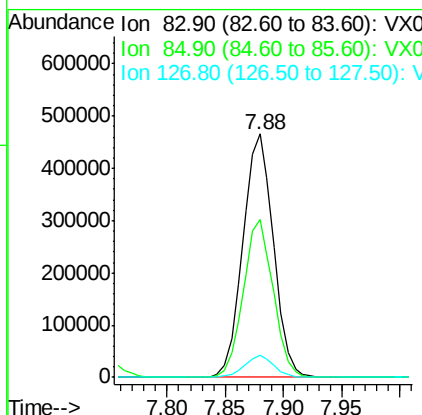
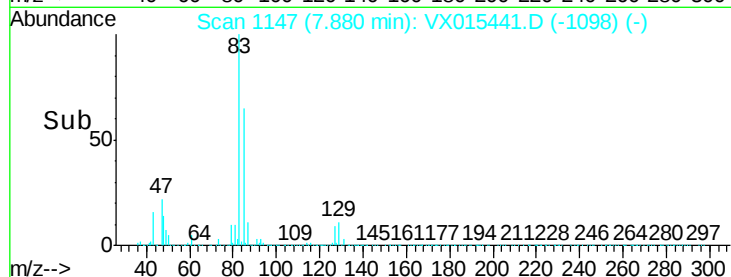
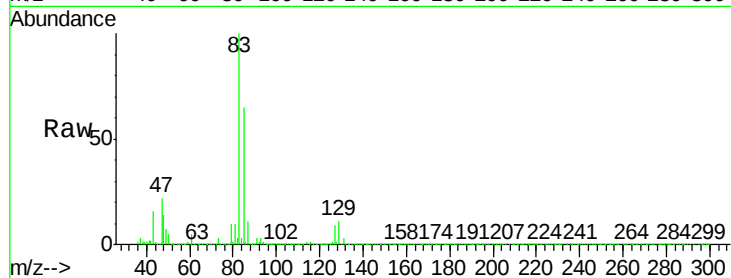
#47
Bromodichloromethane
Concen: 50.016 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.7	49.7	74.5	
127	9.1	6.7	10.1	

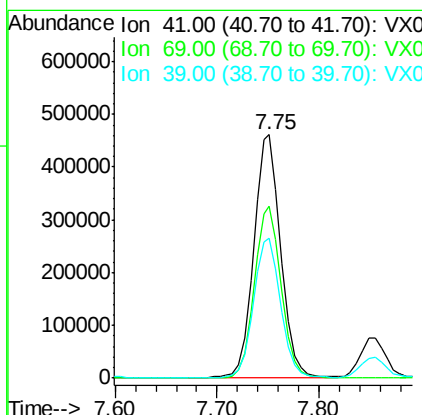
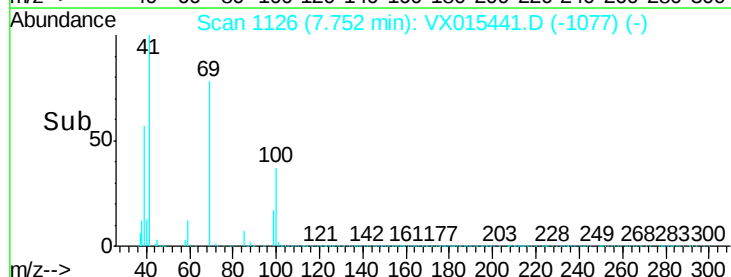
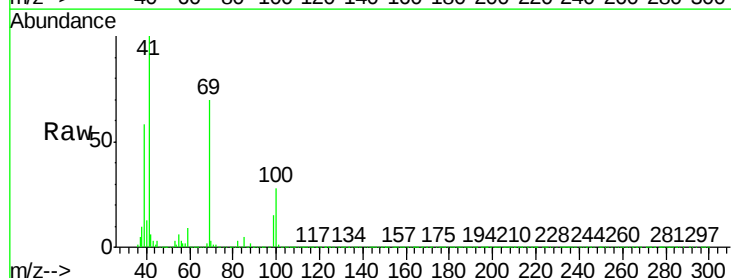
Manual Integrations
APPROVED

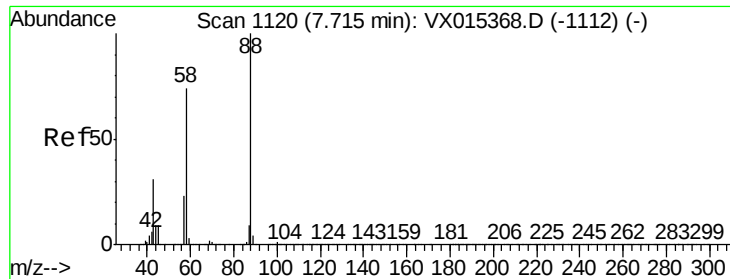
apatel
3/31/2020 11:05:35 AM



#48
Methyl methacrylate
Concen: 50.888 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	70.5	56.7	85.1	
39	57.9	46.5	69.7	





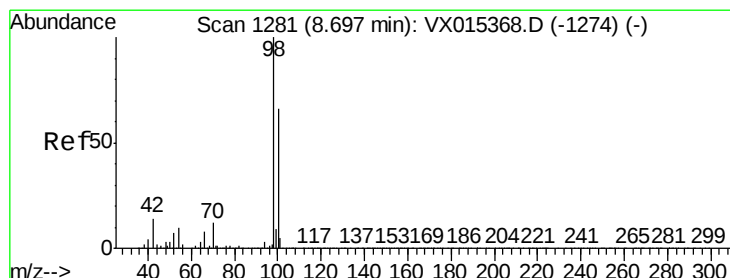
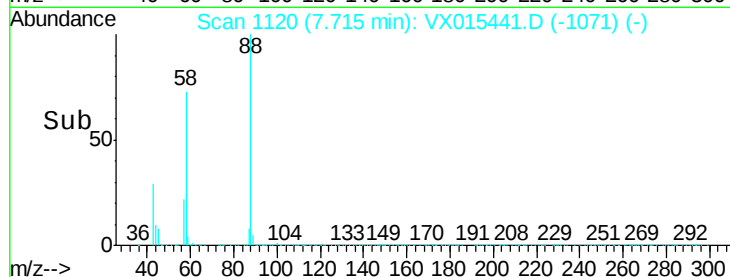
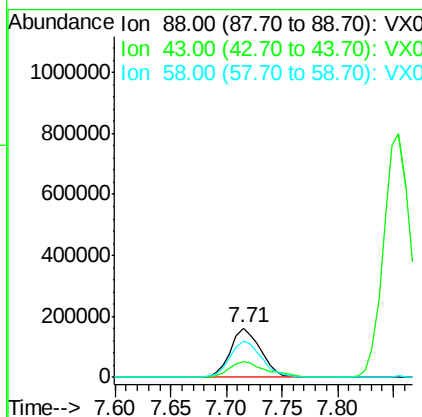
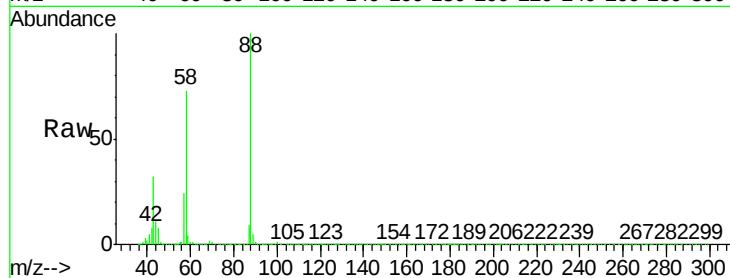
#49
1,4-Dioxane
Concen: 977.282 ug/l
RT: 7.71 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	30.1	45.1
58	77.6	60.6	90.8

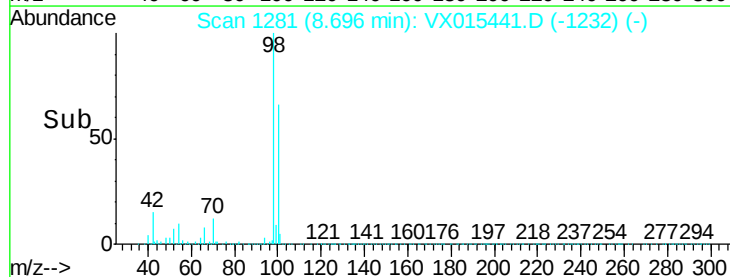
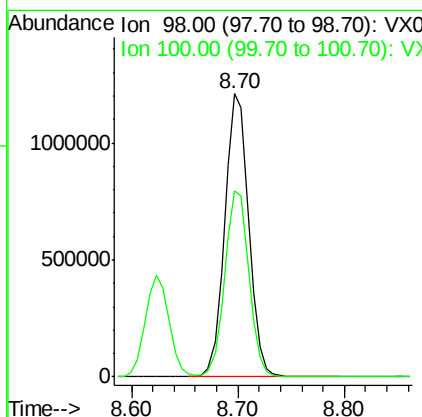
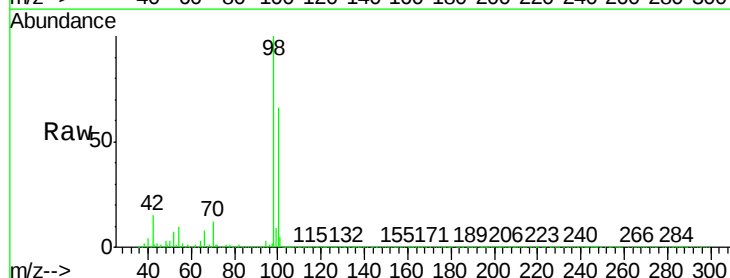
Manual Integrations
APPROVED

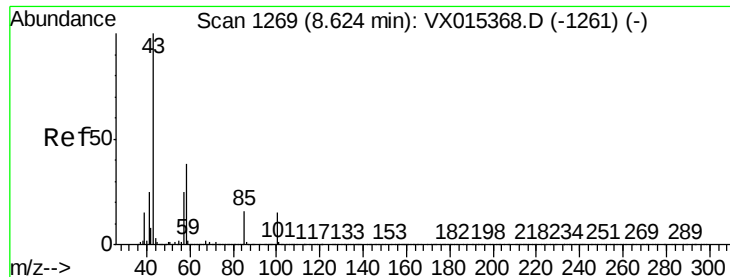
apatel
3/31/2020 11:05:35 AM



#50
Toluene-d8
Concen: 49.218 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.5	80.3





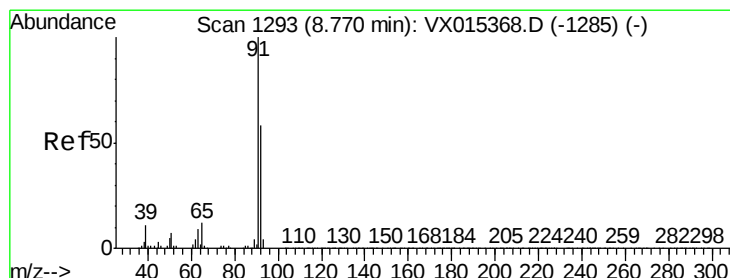
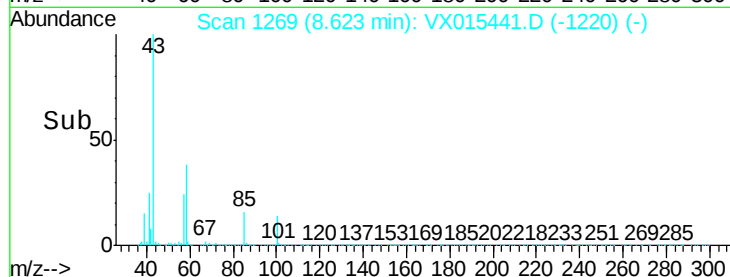
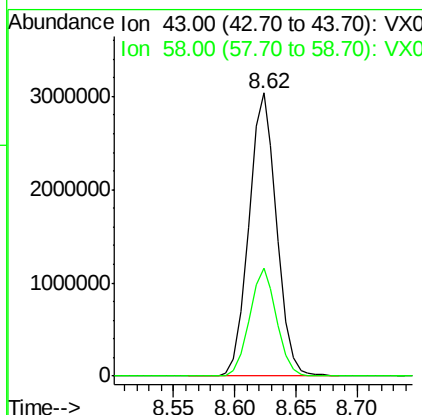
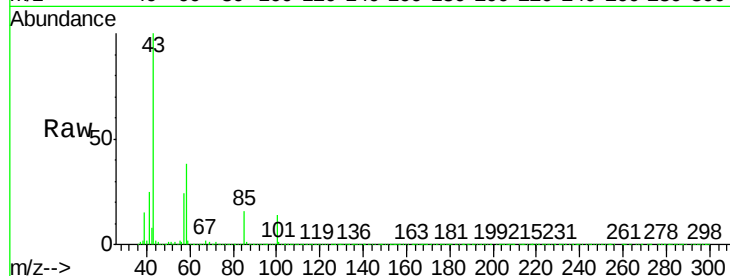
#51
4-Methyl-2-Pentanone
Concen: 253.184 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 4774345
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5

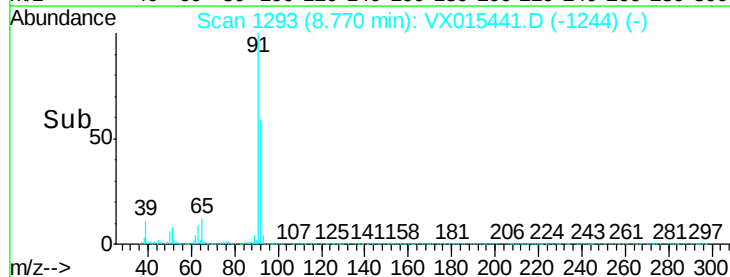
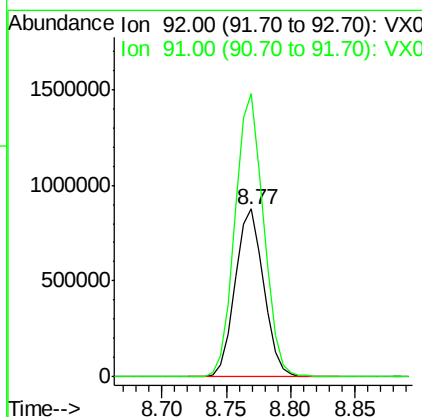
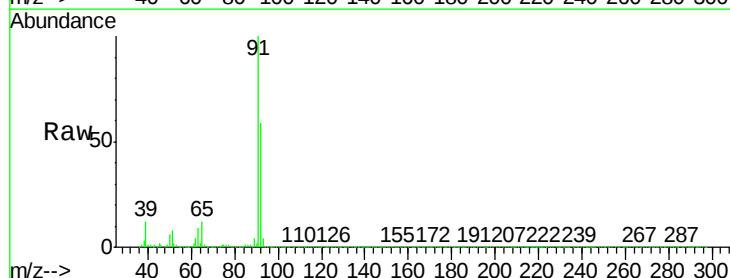
Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#52
Toluene
Concen: 49.285 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 92 Resp: 1347408
Ion Ratio Lower Upper
92 100
91 169.1 136.6 205.0





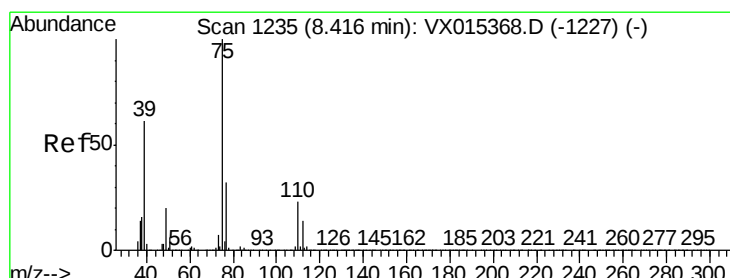
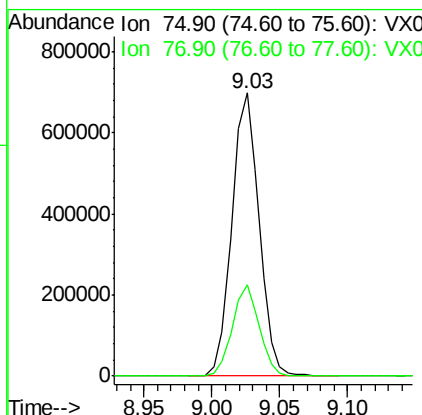
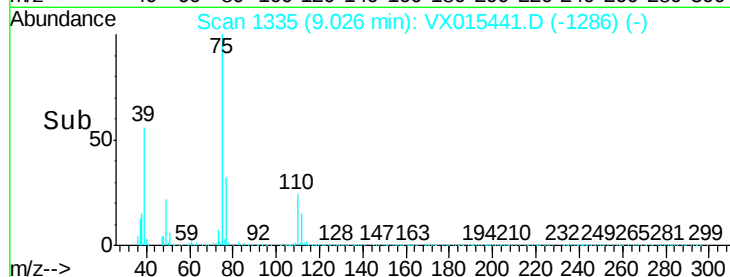
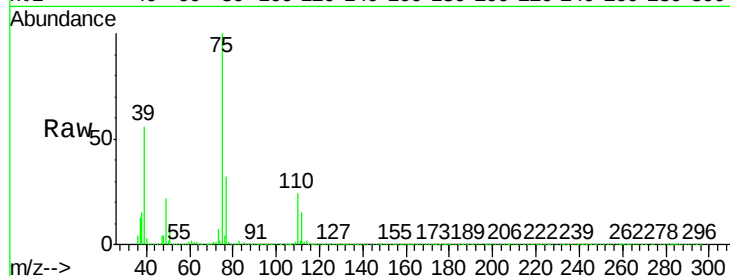
#53
t-1,3-Dichloropropene
Concen: 48.741 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.1	36.1

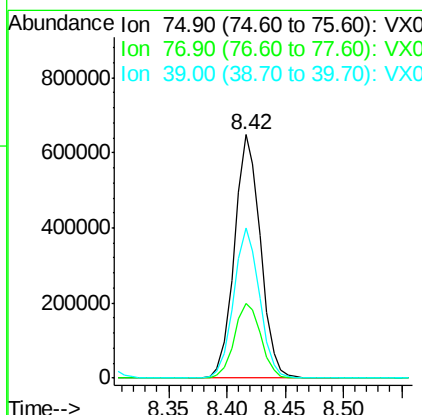
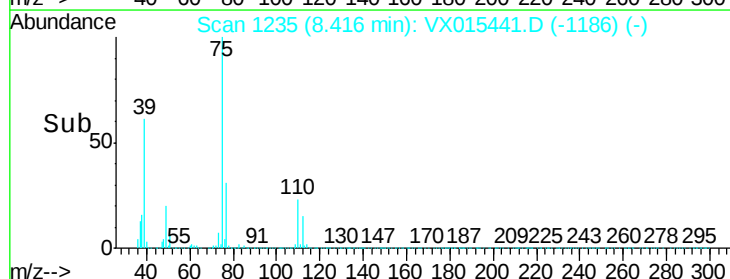
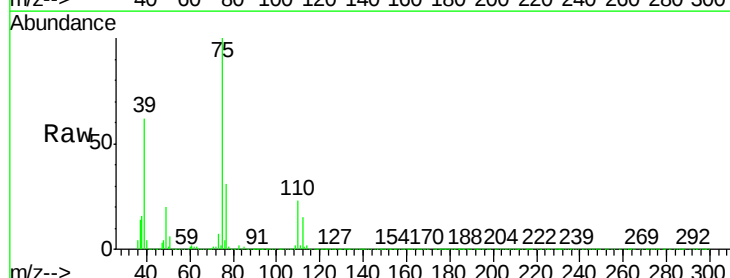
Manual Integrations
APPROVED

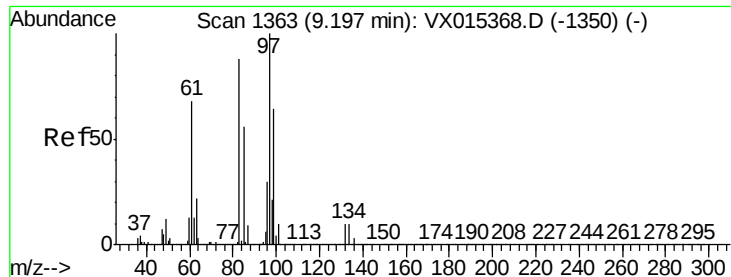
apatel
3/31/2020 11:05:35 AM



#54
cis-1,3-Dichloropropene
Concen: 49.763 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.8	38.6
39	61.4	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 51.110 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

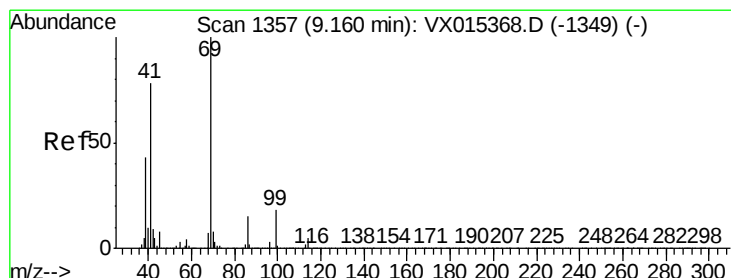
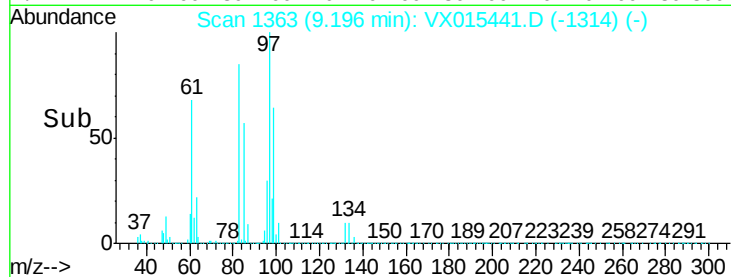
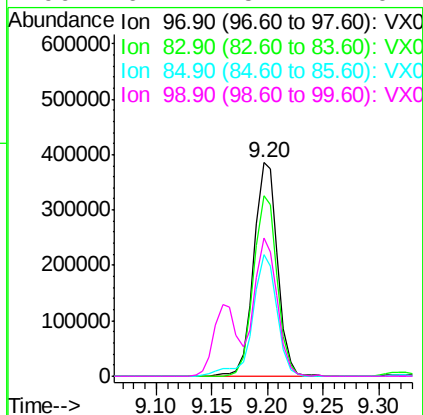
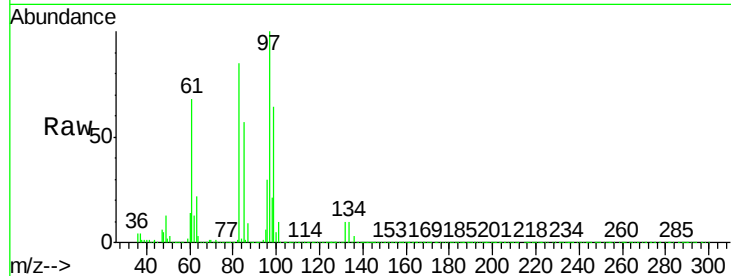
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	572488
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.2	105.4
85	56.8	44.7	67.1
99	64.4	51.1	76.7

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#56

Ethyl methacrylate

Concen: 50.790 ug/l

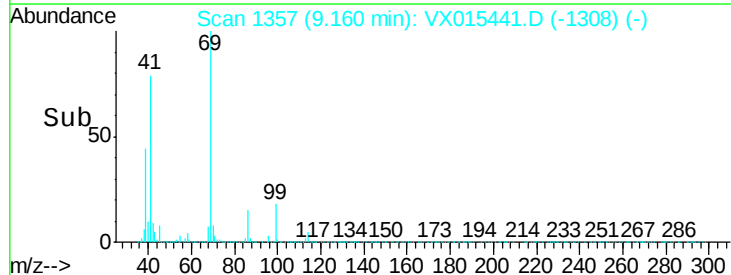
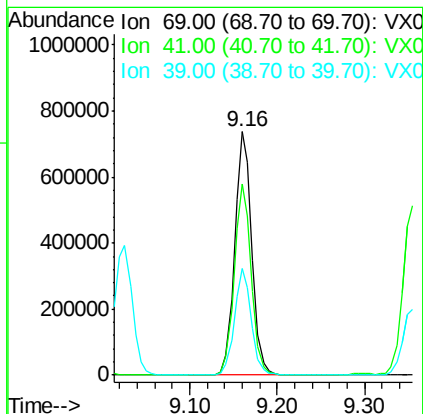
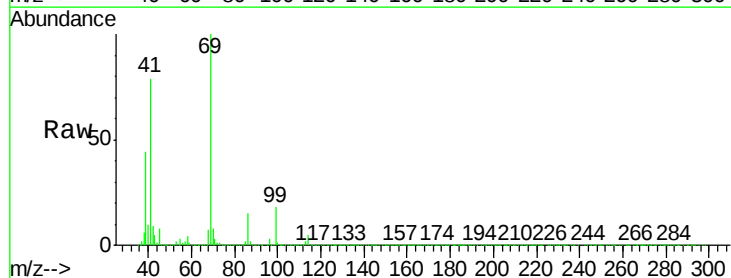
RT: 9.16 min Scan# 1357

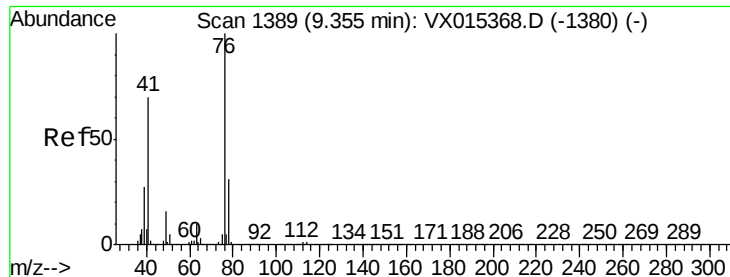
Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion:	69	Resp:	1002607
Ion	Ratio	Lower	Upper
69	100		
41	78.6	61.6	92.4
39	43.3	34.0	51.0





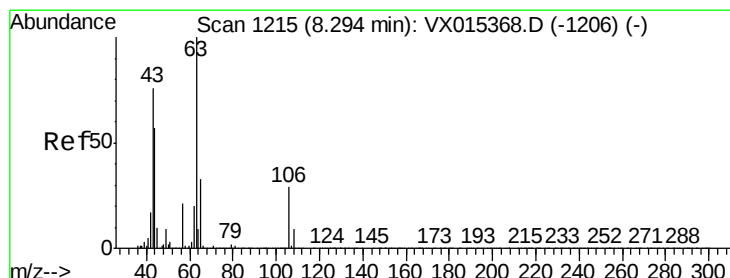
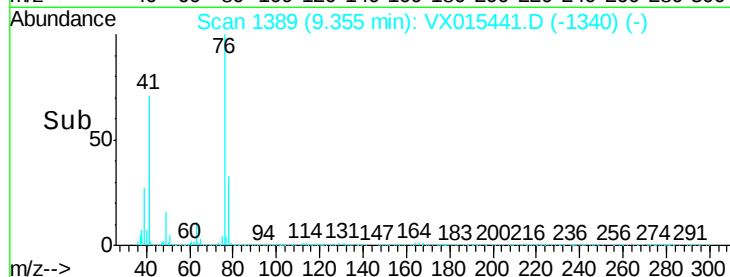
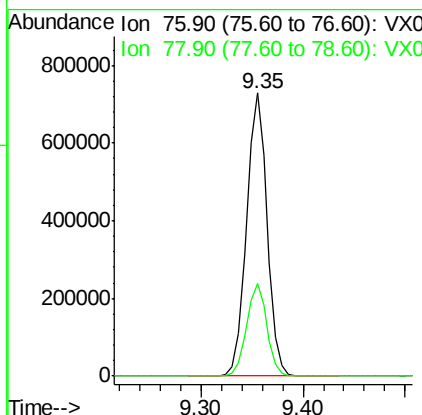
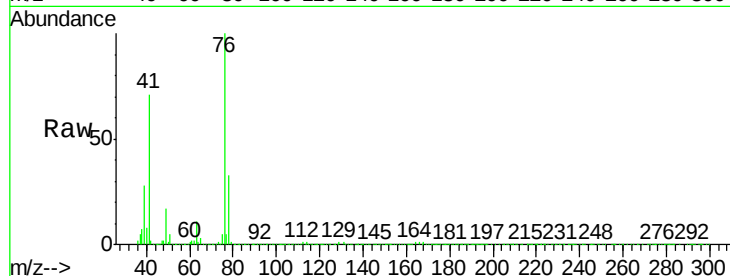
#57
 1,3-Dichloropropane
 Concen: 50.396 ug/l
 RT: 9.35 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 1017029
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

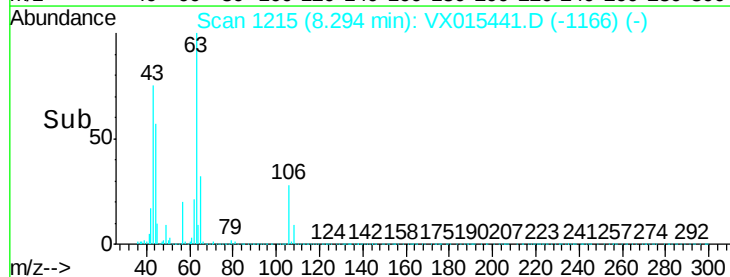
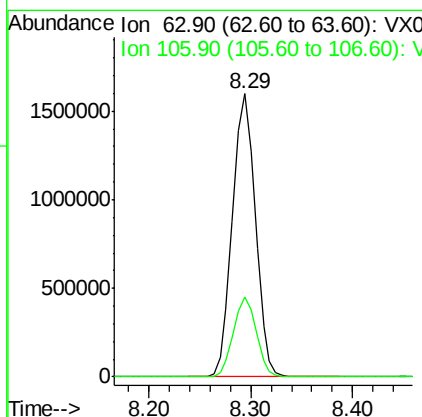
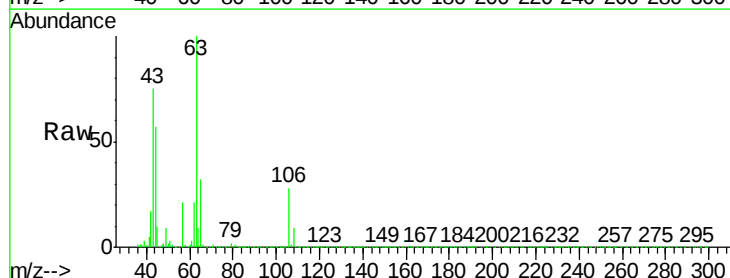
Manual Integrations
 APPROVED

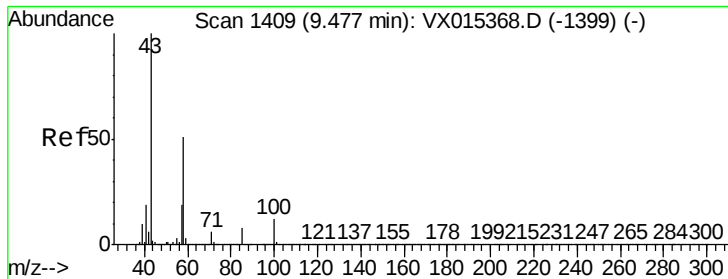
apatel
 3/31/2020 11:05:35 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.718 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion: 63 Resp: 2484161
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.7 34.1





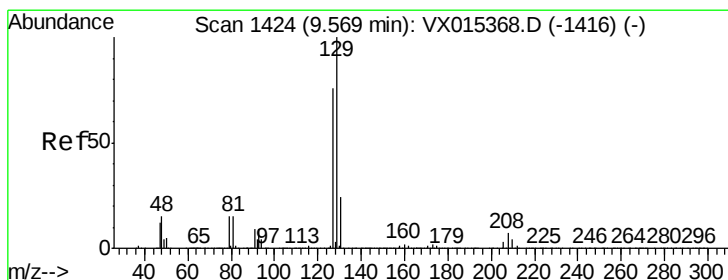
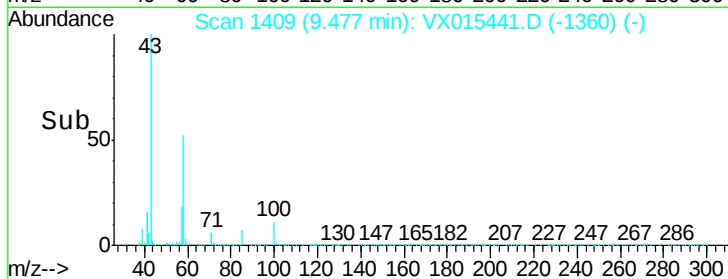
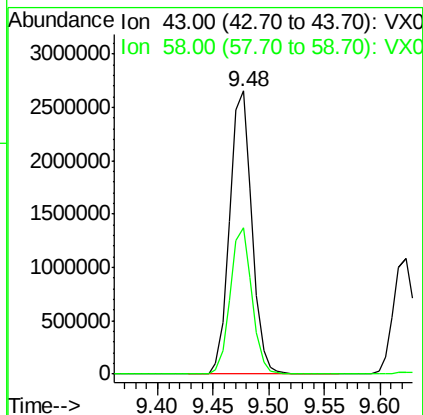
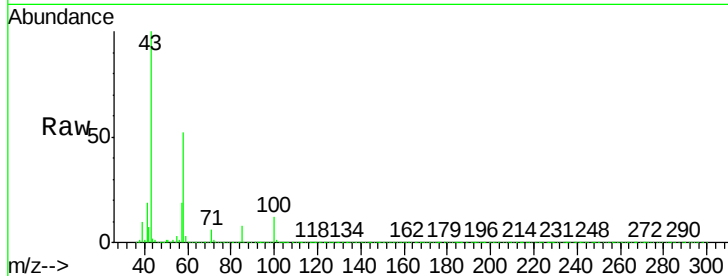
#59
2-Hexanone
Concen: 256.405 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3650396
Ion Ratio Lower Upper
43 100
58 50.8 25.6 76.6

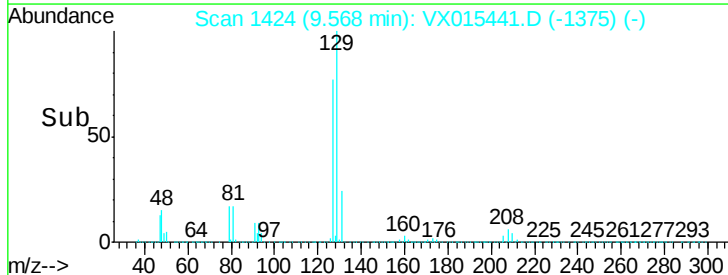
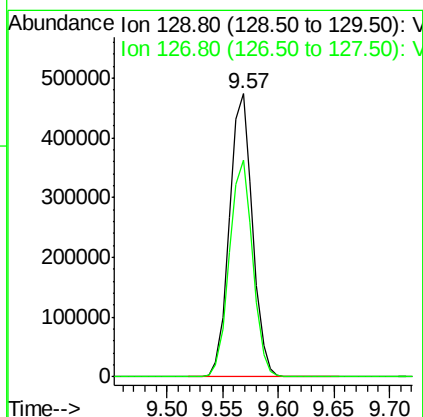
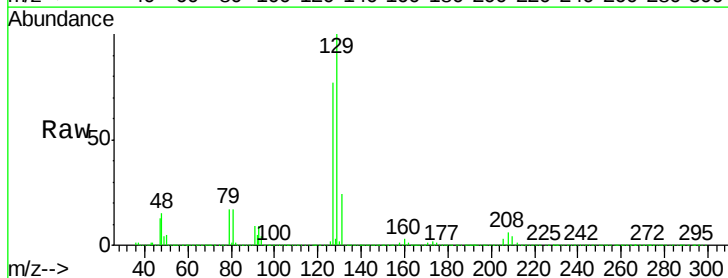
Manual Integrations
APPROVED

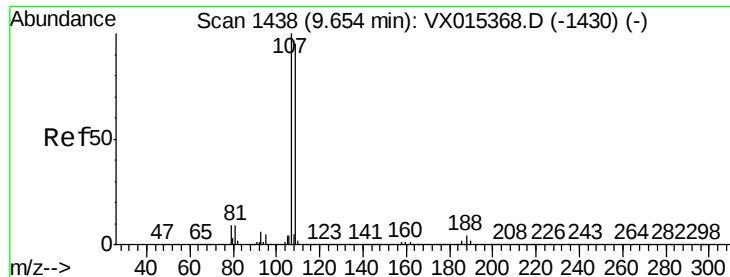
apatel
3/31/2020 11:05:35 AM



#60
Dibromochloromethane
Concen: 50.315 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 129 Resp: 677210
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





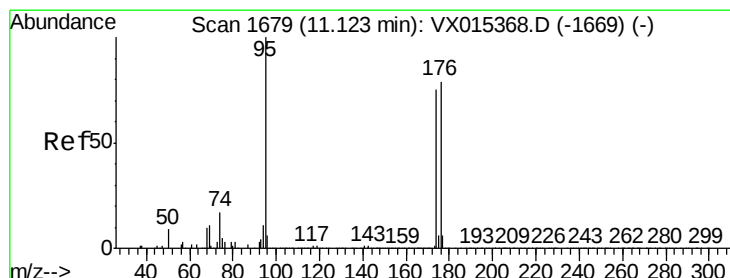
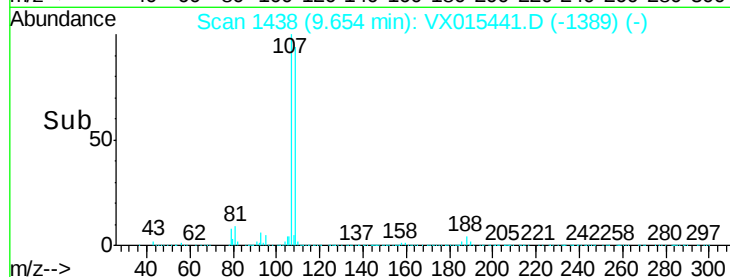
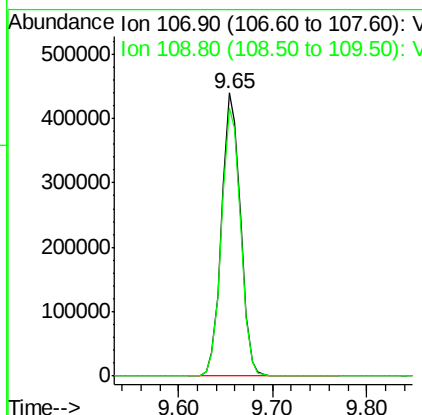
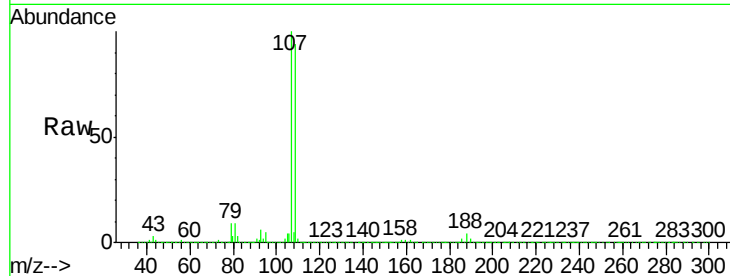
#61
 1,2-Dibromoethane
 Concen: 50.221 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.8	112.2

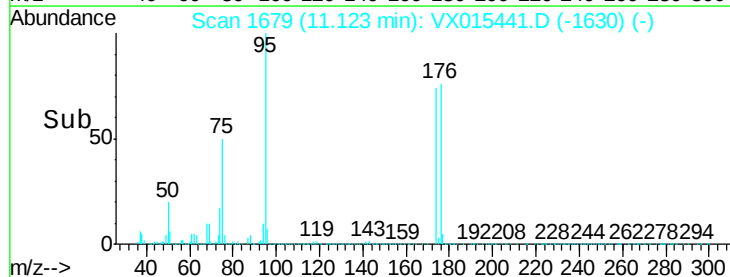
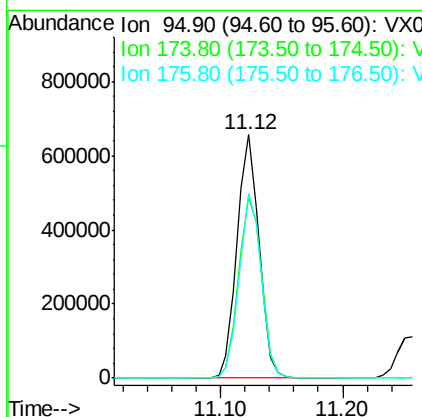
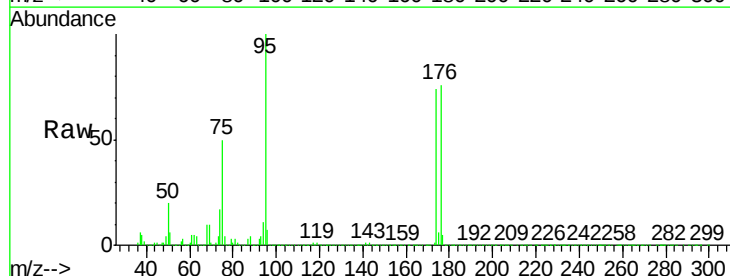
Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:35 AM



#62
 4-Bromofluorobenzene
 Concen: 51.720 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	158.6
176	75.9	0.0	159.0





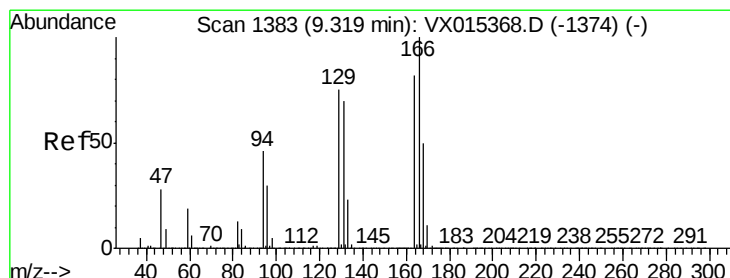
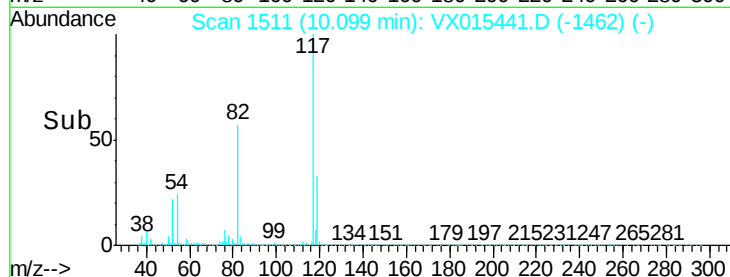
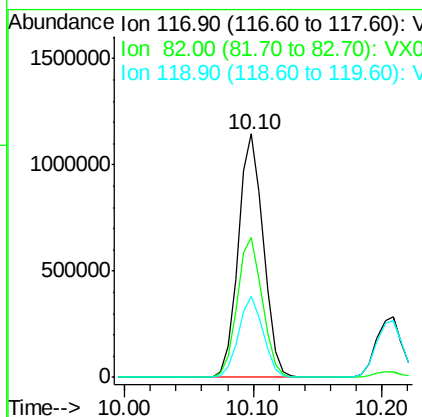
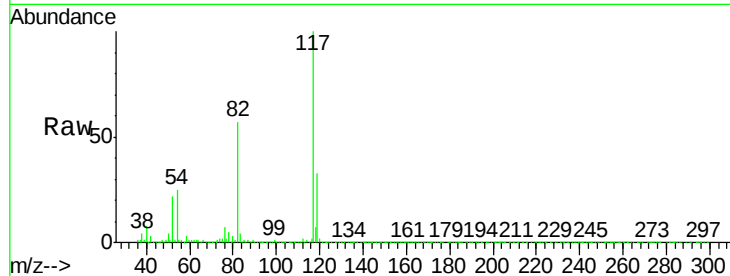
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.8	71.8
119	33.3	26.8	40.2

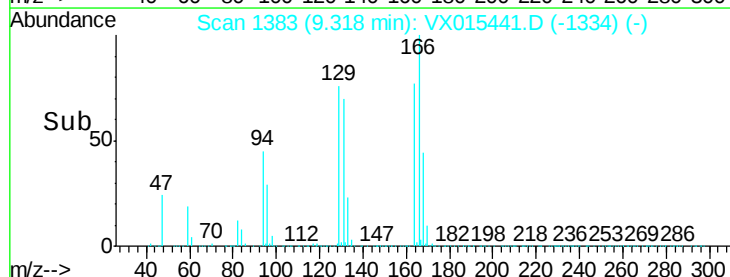
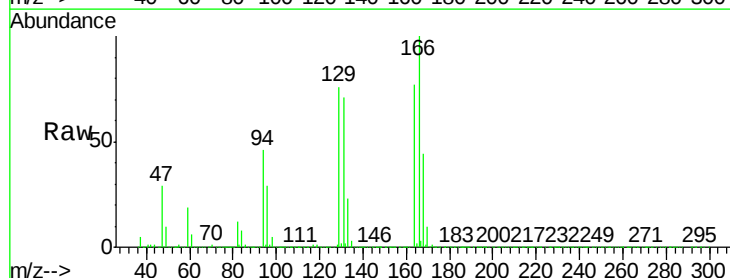
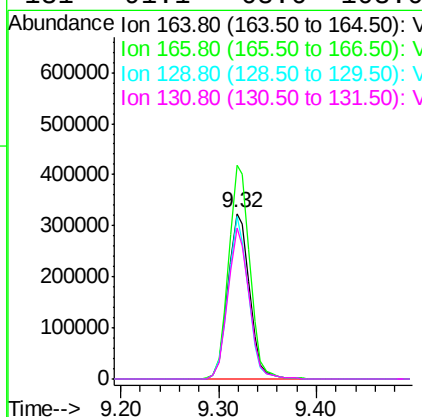
Manual Integrations
APPROVED

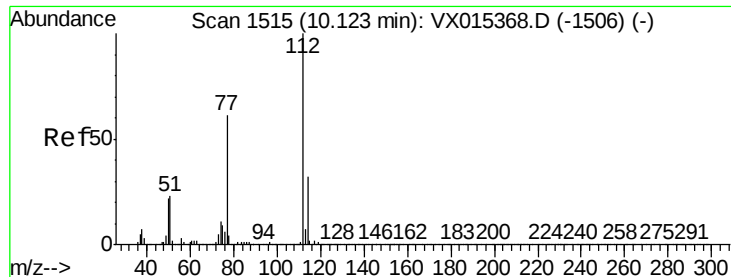
apatel
3/31/2020 11:05:35 AM



#64
Tetrachloroethene
Concen: 42.553 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	97.8	146.6
129	98.1	73.0	109.4
131	91.1	68.6	103.0





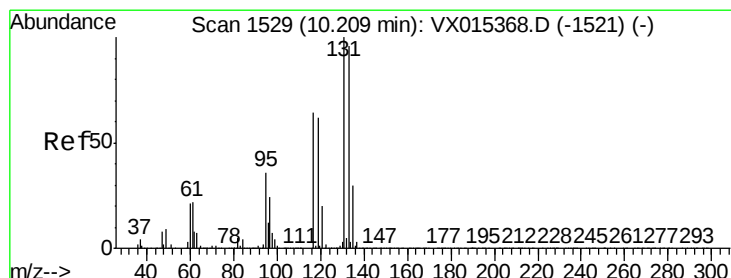
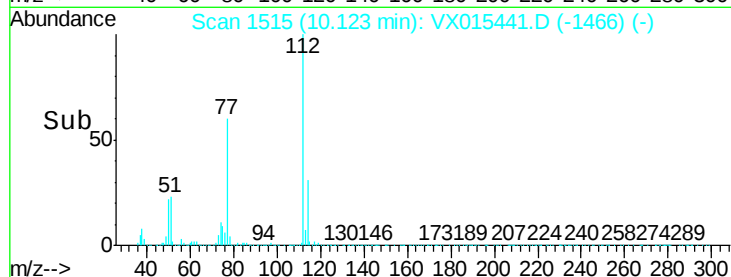
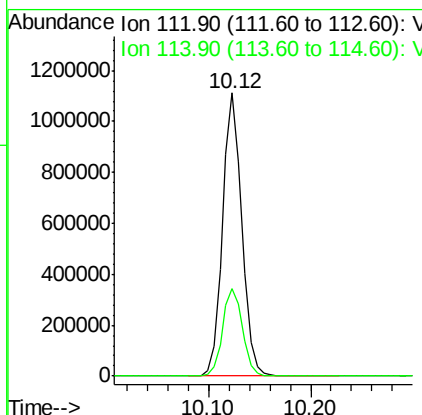
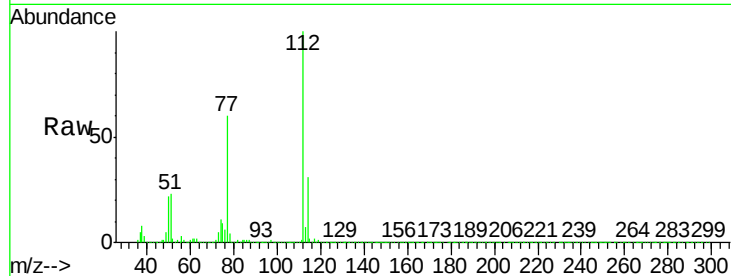
#65
Chlorobenzene
Concen: 47.484 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1456831
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3

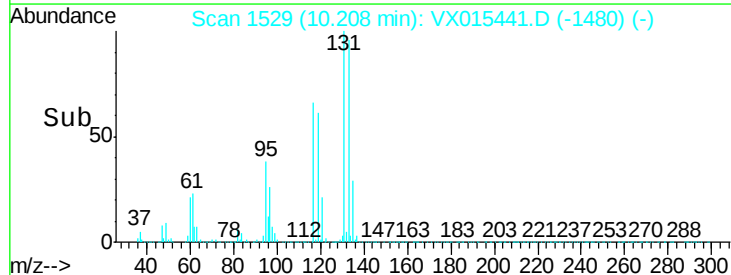
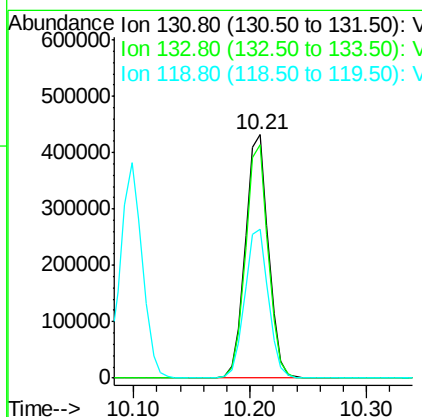
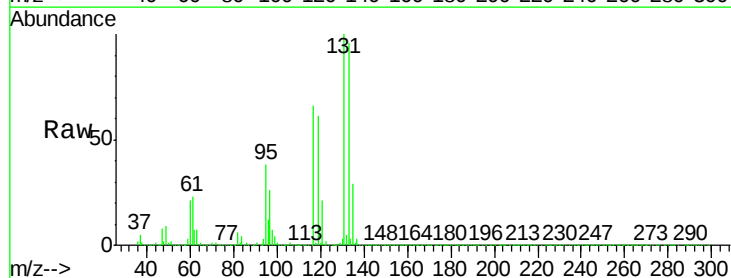
Manual Integrations
APPROVED

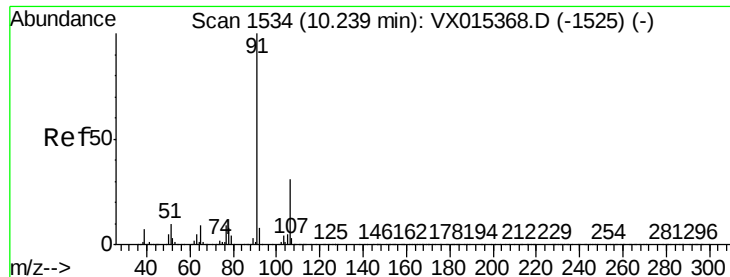
apatel
3/31/2020 11:05:35 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.691 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion:131 Resp: 596808
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 62.7 31.1 93.3





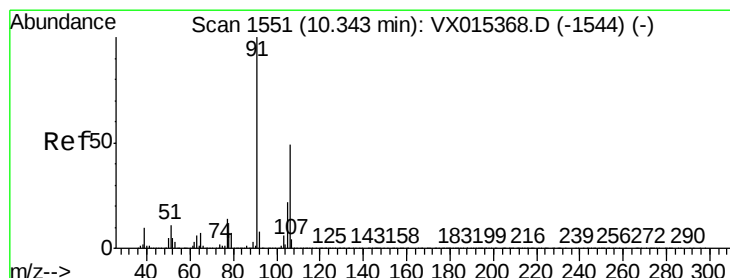
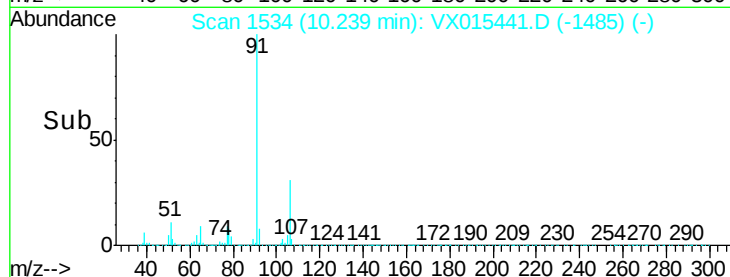
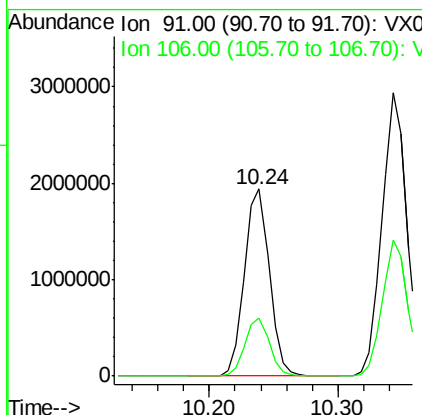
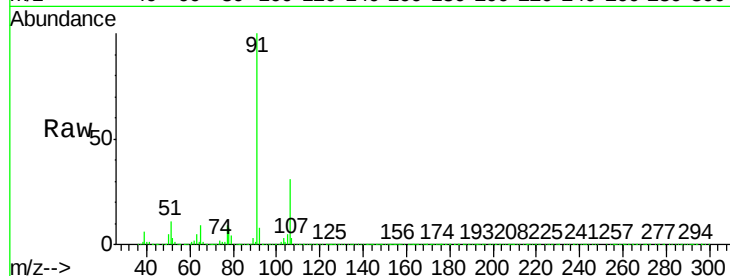
#67
Ethyl Benzene
Concen: 47.375 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2577873
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2

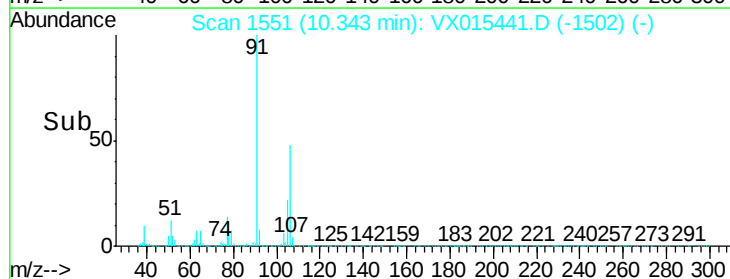
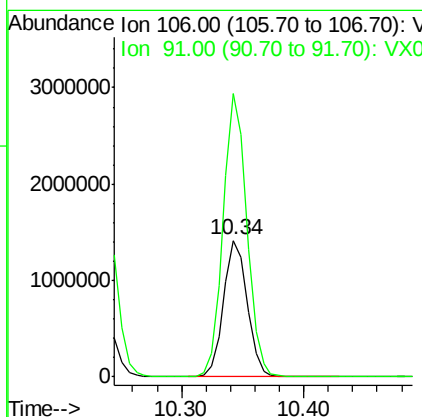
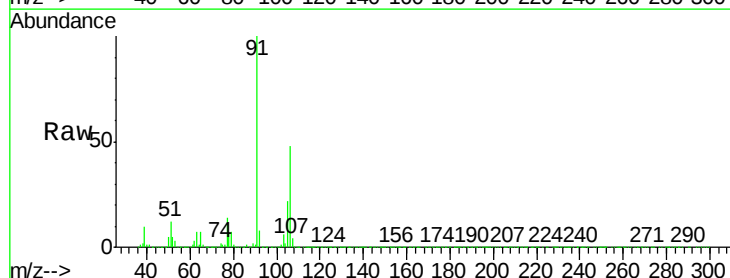
Manual Integrations
APPROVED

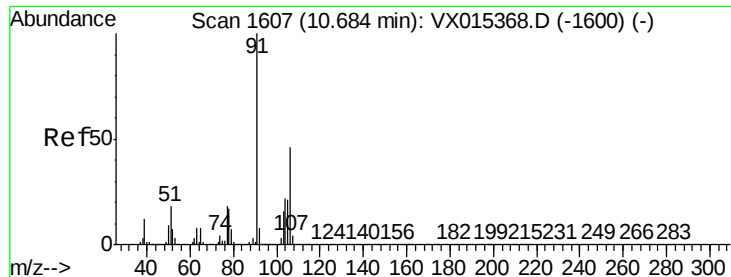
apatel
3/31/2020 11:05:35 AM



#68
m/p-Xylenes
Concen: 93.890 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 106 Resp: 1902419
Ion Ratio Lower Upper
106 100
91 207.0 163.4 245.0





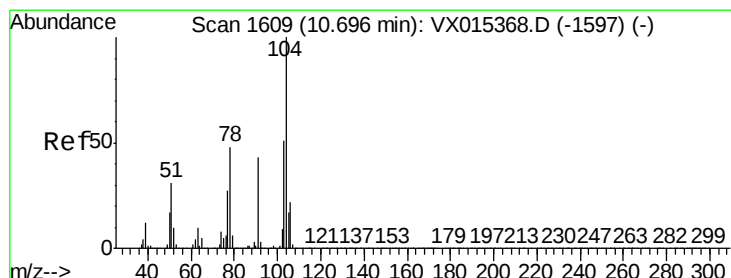
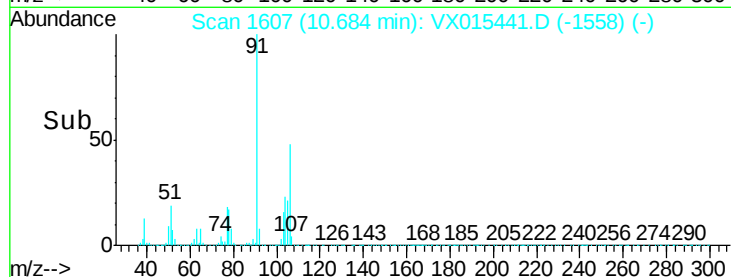
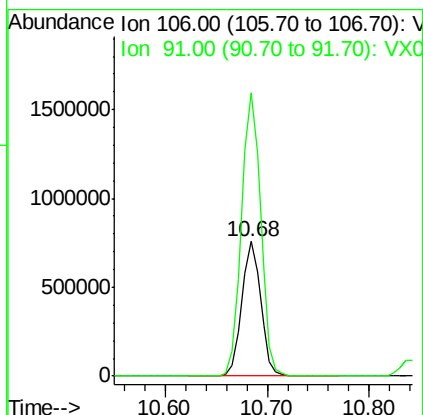
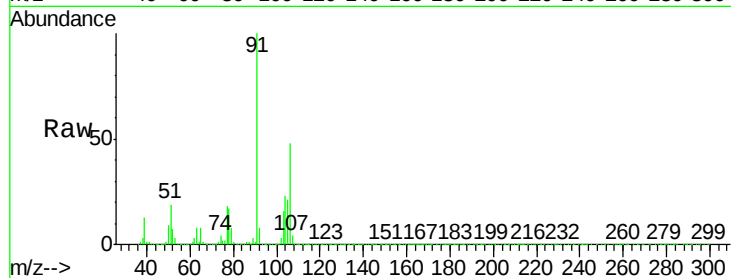
#69
o-Xylene
Concen: 48.216 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 965413
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3

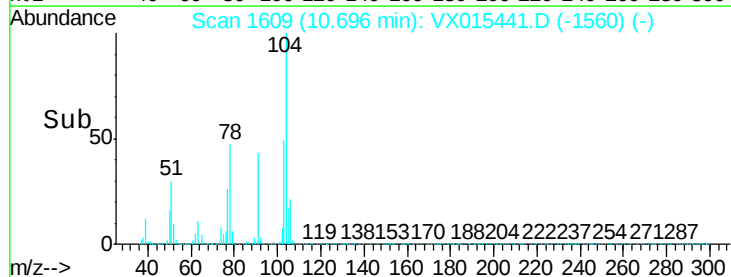
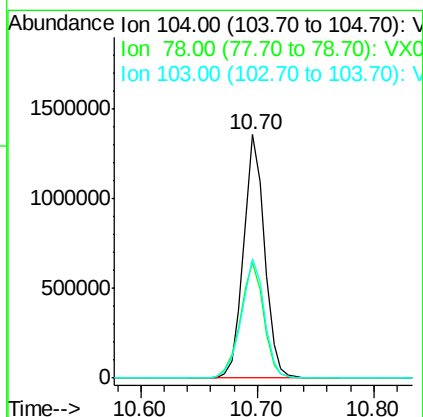
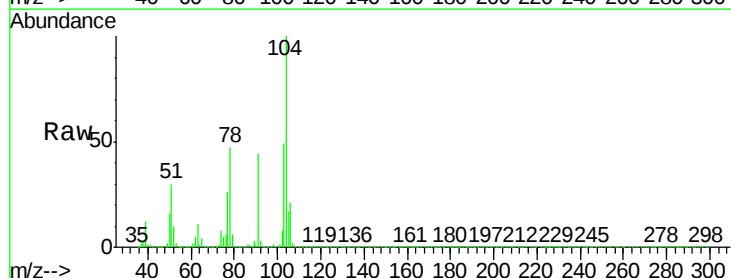
Manual Integrations
APPROVED

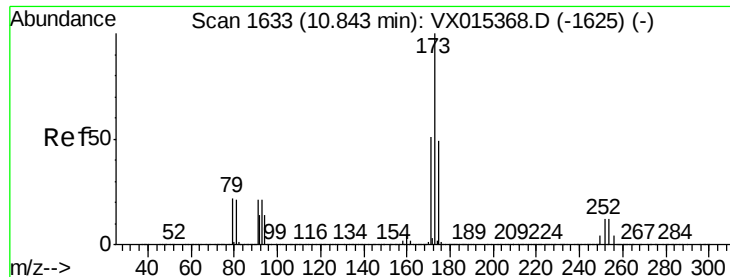
apatel
3/31/2020 11:05:35 AM



#70
Styrene
Concen: 48.692 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion:104 Resp: 1715553
Ion Ratio Lower Upper
104 100
78 52.7 42.0 63.0
103 53.5 43.4 65.0





#71

Bromoform

Concen: 47.723 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

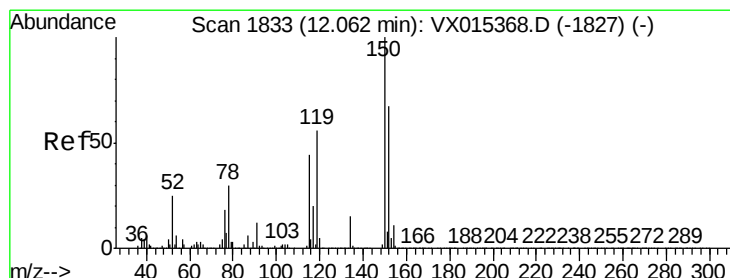
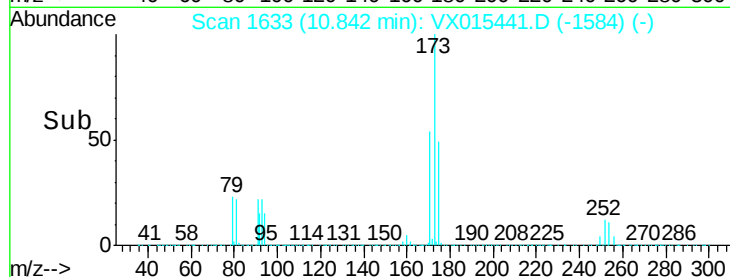
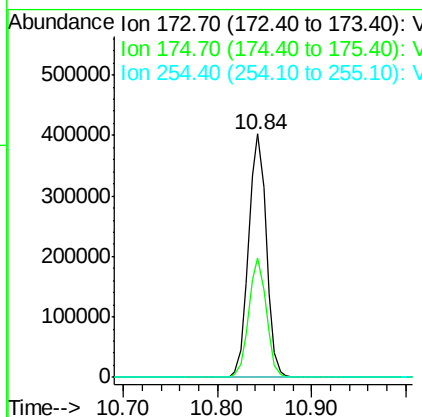
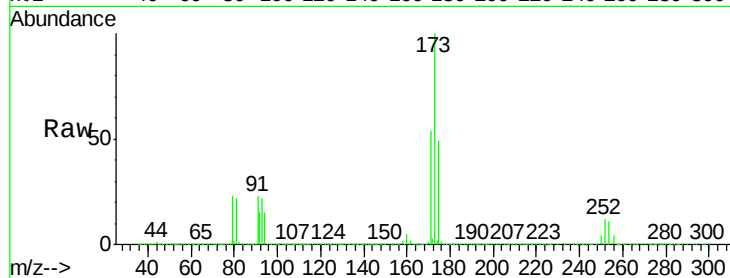
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	532500
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.9	71.7
254	0.1	0.1	0.1

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

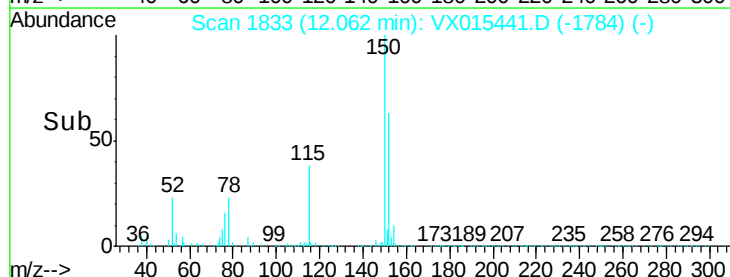
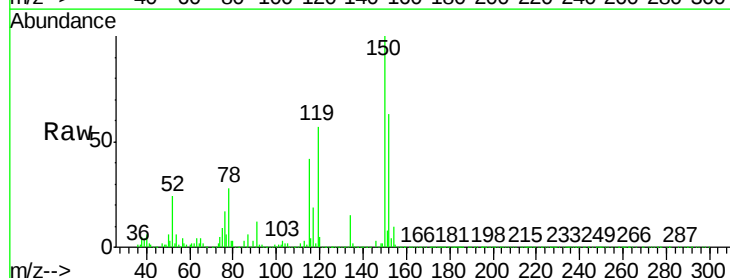
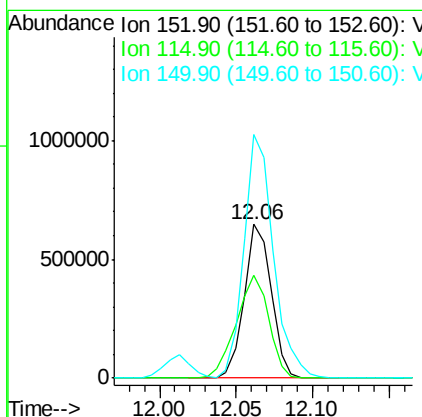
RT: 12.06 min Scan# 1833

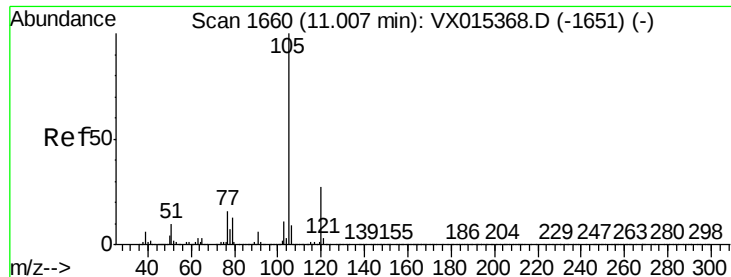
Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion:	152	Resp:	792201
Ion Ratio	Lower	Upper	
152	100		
115	80.5	39.0	116.9
150	173.3	0.0	340.8





#73

Isopropylbenzene

Concen: 46.209 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 2398545

Ion Ratio Lower Upper

105 100

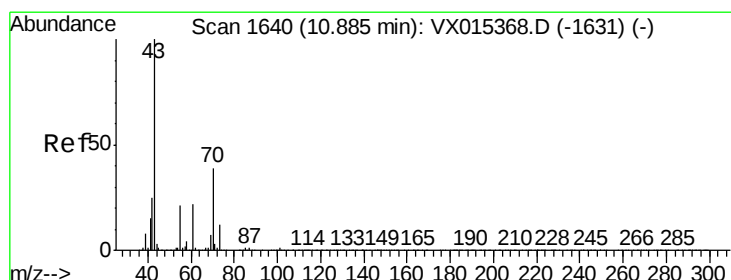
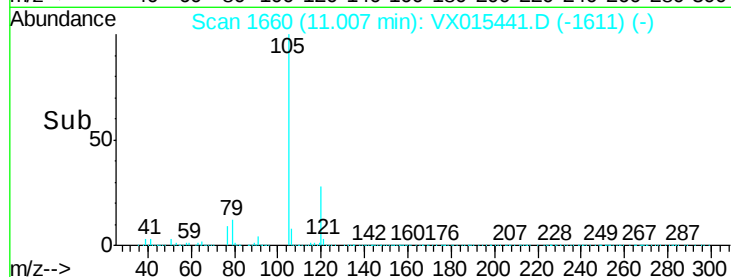
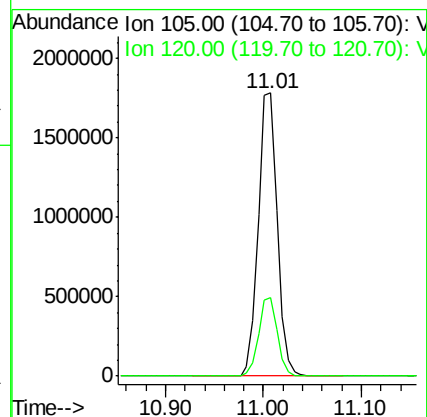
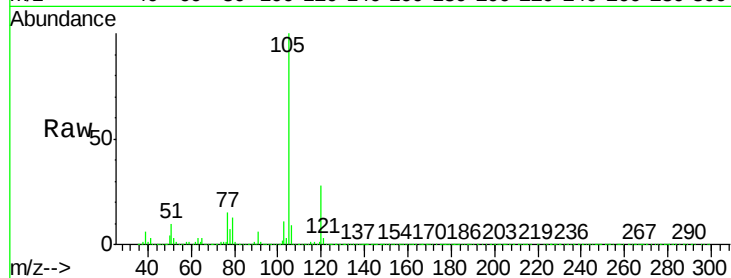
120 27.3 13.2 39.5

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#74

N-ethyl acetate

Concen: 49.967 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion: 43 Resp: 1442522

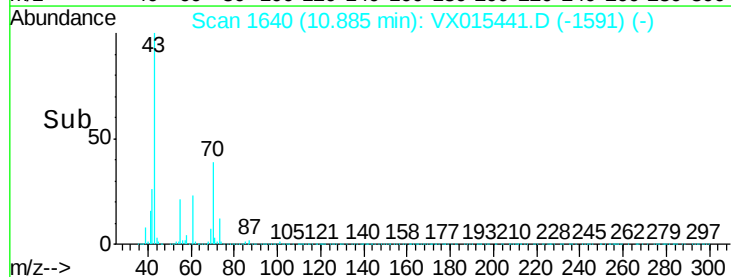
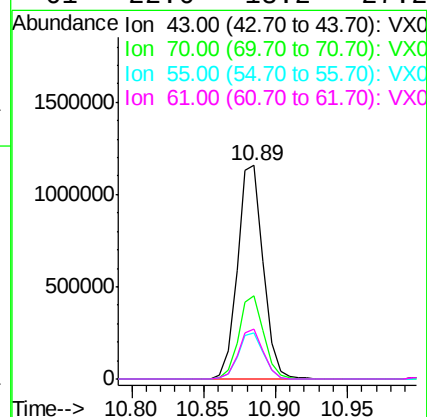
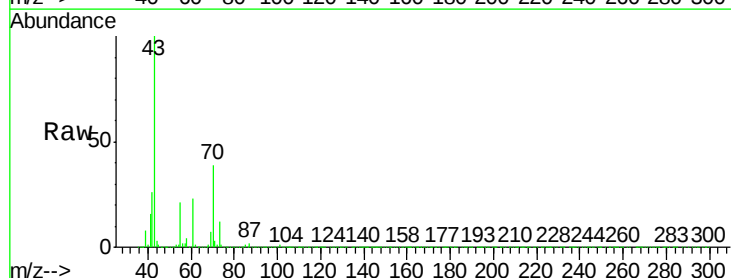
Ion Ratio Lower Upper

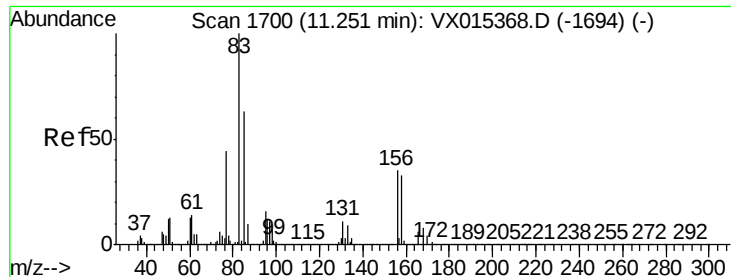
43 100

70 38.0 30.2 45.4

55 21.2 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.513 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

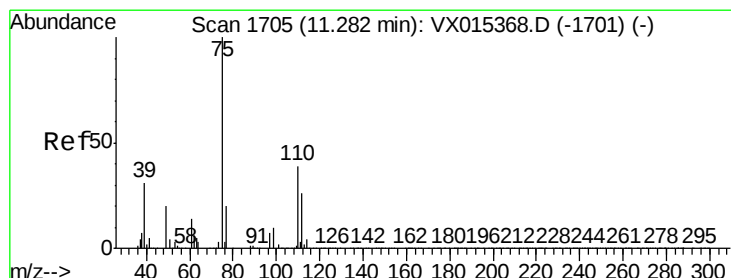
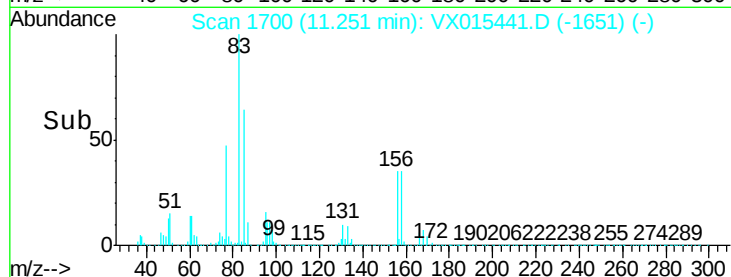
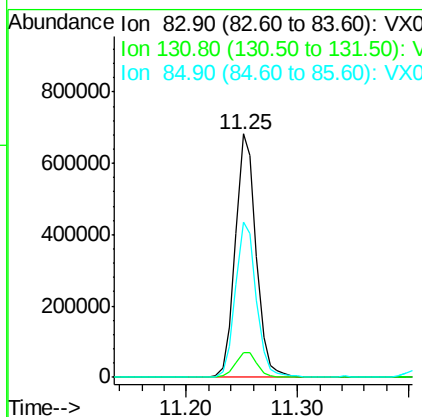
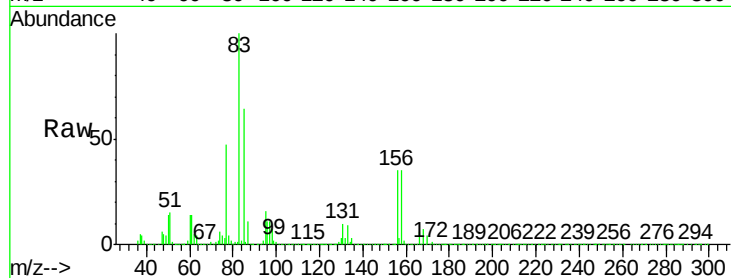
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	881874
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	64.3	32.0	96.0

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#76

1,2,3-Trichloropropane

Concen: 50.582 ug/l m

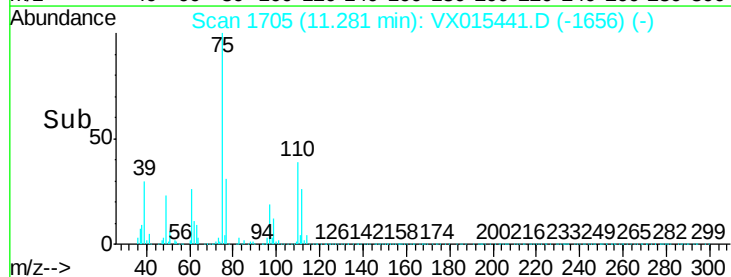
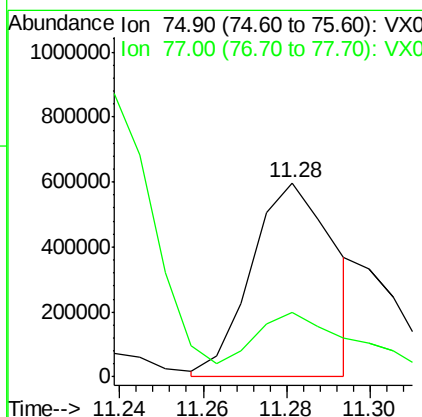
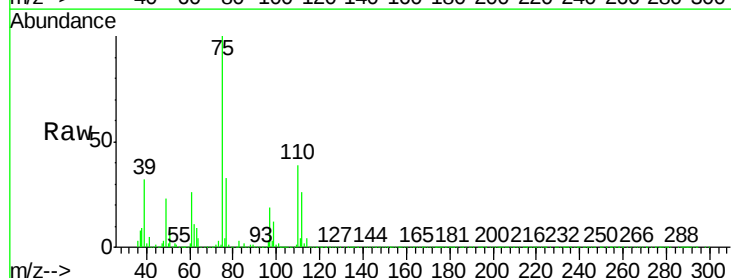
RT: 11.28 min Scan# 1705

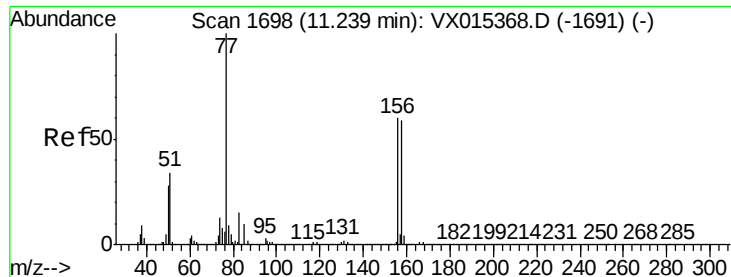
Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion:	75	Resp:	824026
Ion Ratio	Lower	Upper	
75	100		
77	42.0	21.2	63.6





#77

Bromobenzene

Concen: 47.797 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

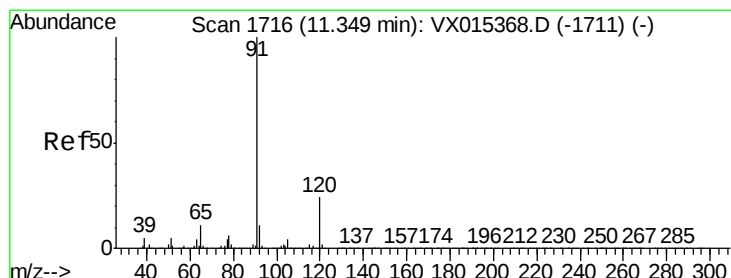
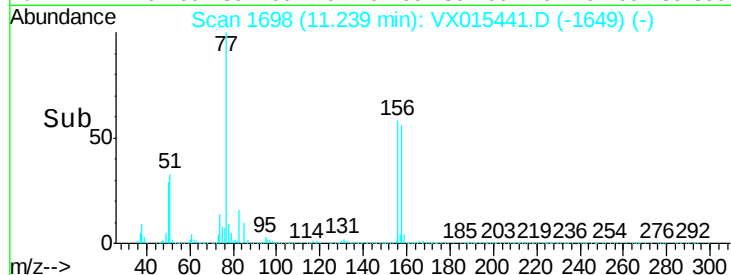
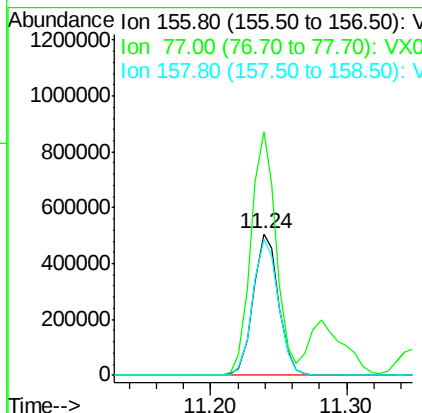
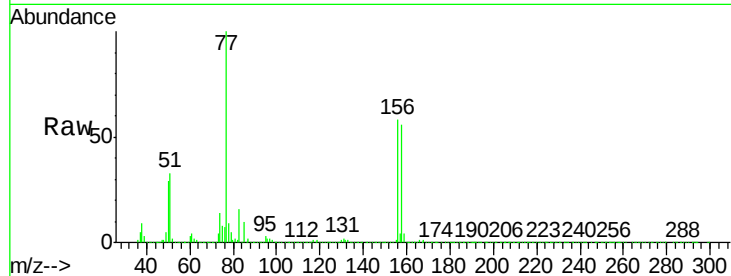
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	661767
Ion Ratio	Lower	Upper	
156	100		
77	171.2	82.2	246.5
158	97.6	49.3	147.9

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#78

n-propylbenzene

Concen: 46.689 ug/l

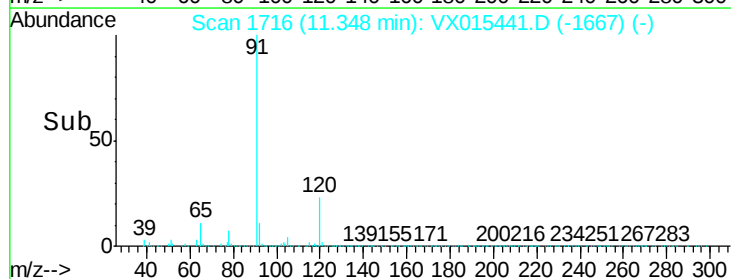
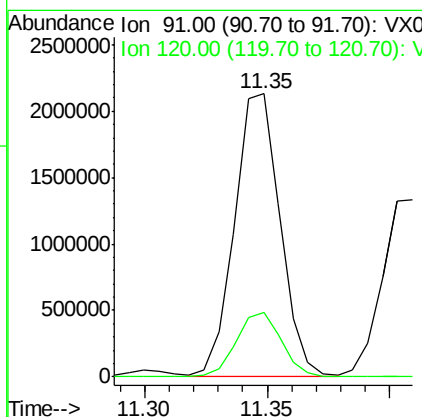
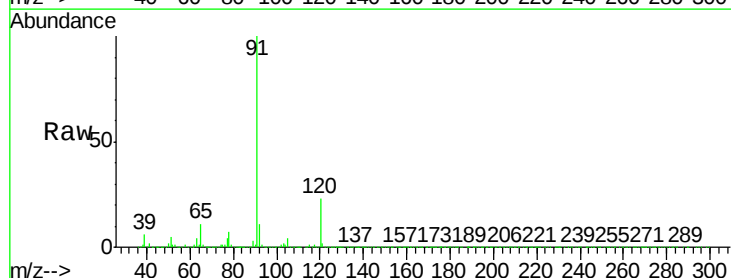
RT: 11.35 min Scan# 1716

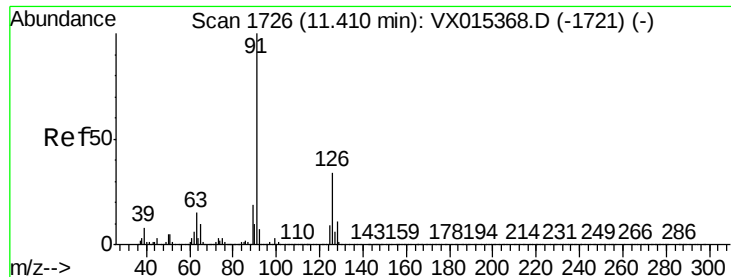
Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion:	91	Resp:	2771140
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.7	35.0





#79

2-Chlorotoluene

Concen: 48.649 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1769815

Ion Ratio Lower Upper

91 100

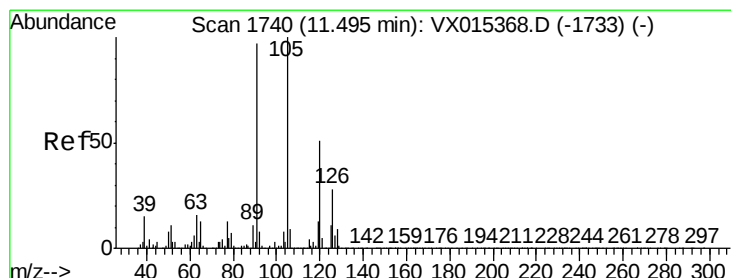
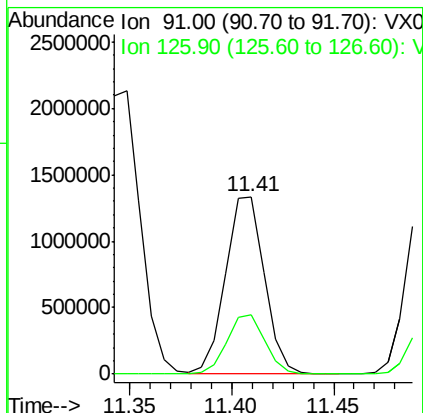
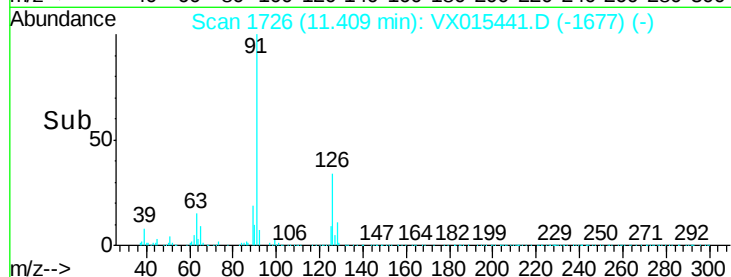
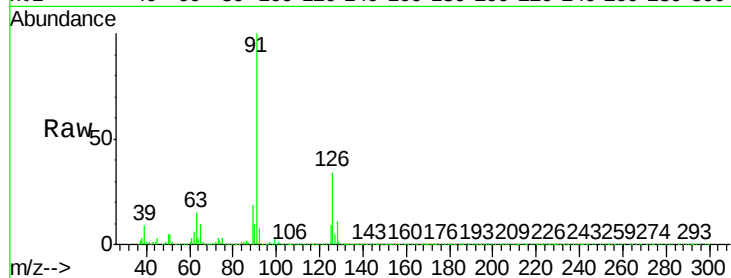
126 32.8 16.5 49.5

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#80

1,3,5-Trimethylbenzene

Concen: 47.620 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015441.D

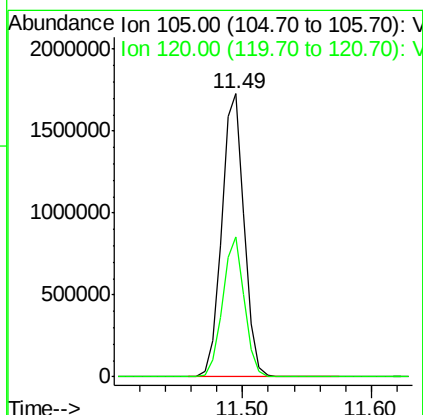
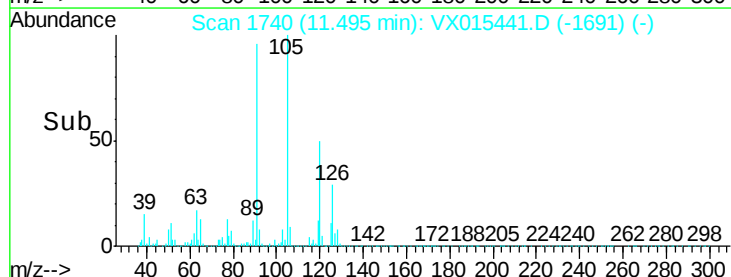
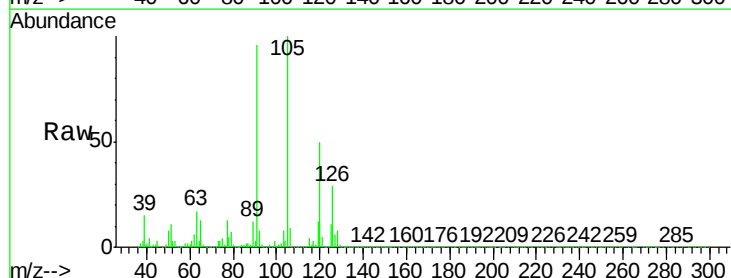
Acq: 30 Mar 2020 20:13

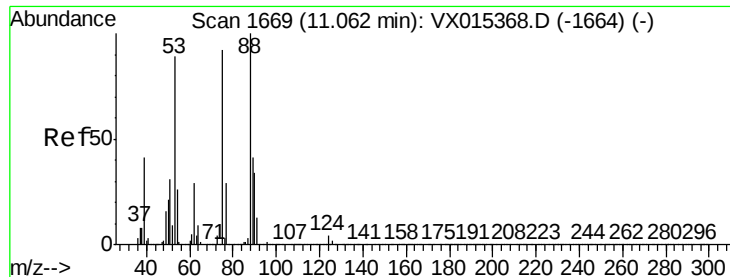
Tgt Ion: 105 Resp: 2111007

Ion Ratio Lower Upper

105 100

120 48.1 24.8 74.4





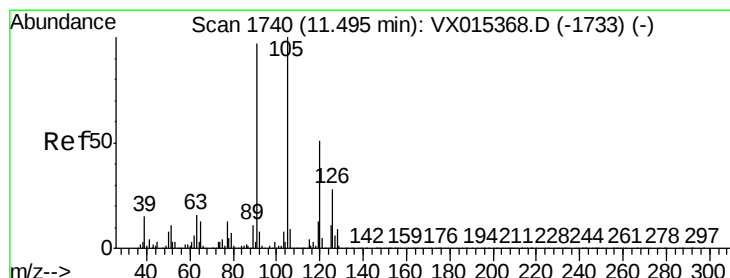
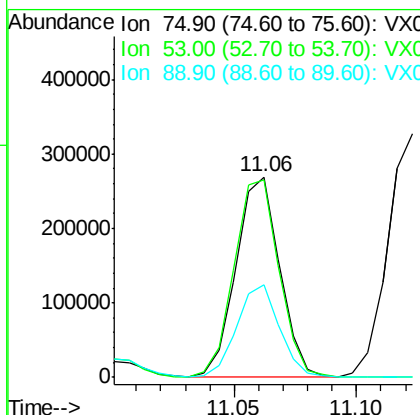
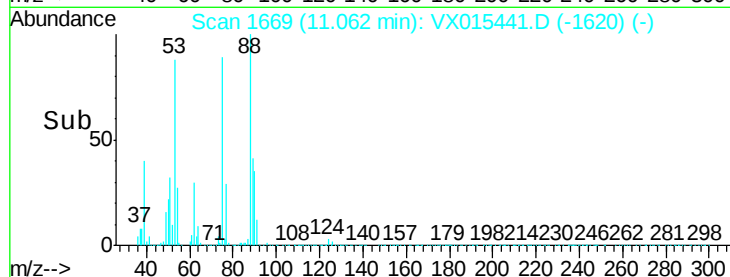
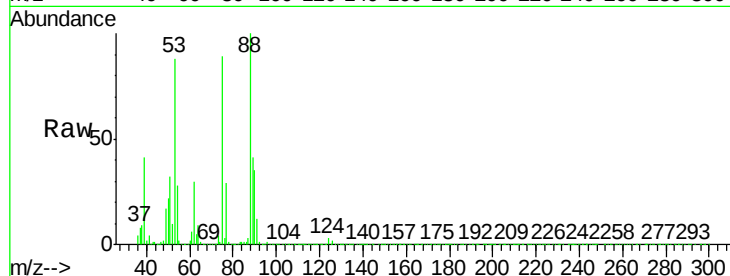
#81
trans-1,4-Dichloro-2-butene
Concen: 48.841 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	80.1	120.1
89	45.8	36.1	54.1

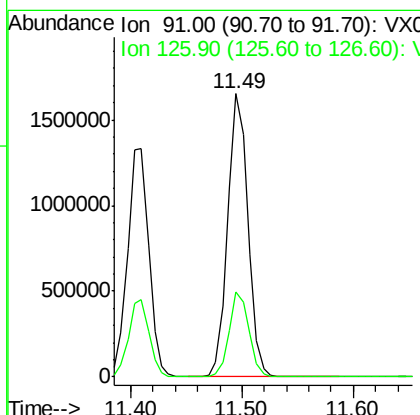
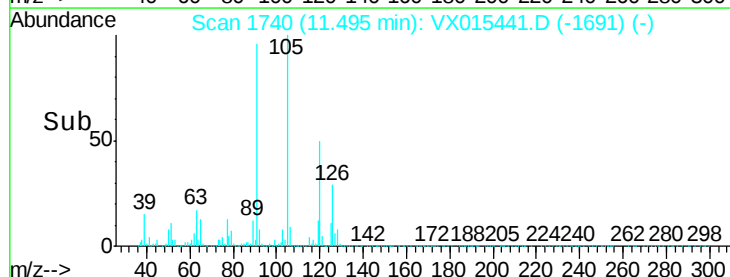
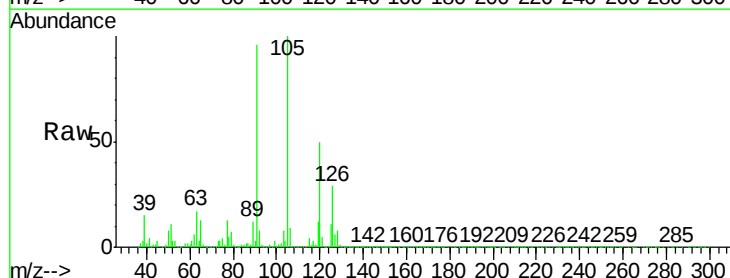
Manual Integrations
APPROVED

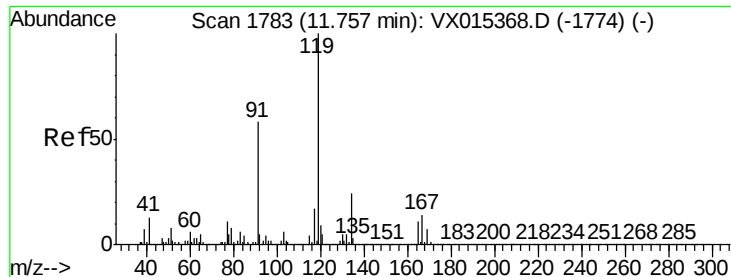
apatel
3/31/2020 11:05:35 AM



#82
4-Chlorotoluene
Concen: 48.787 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.7	44.1





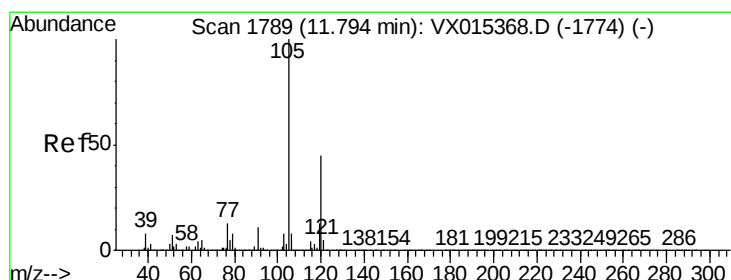
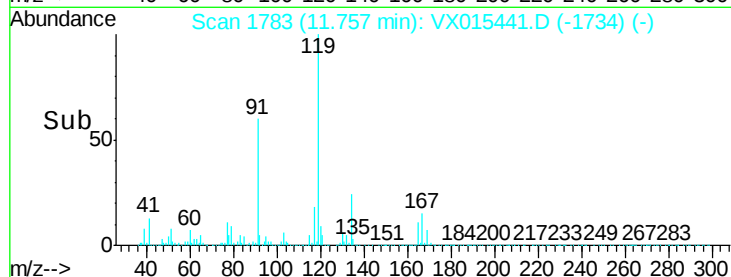
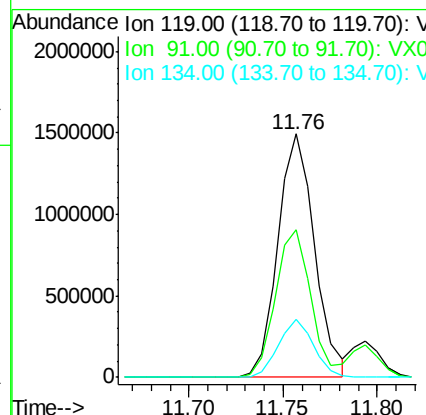
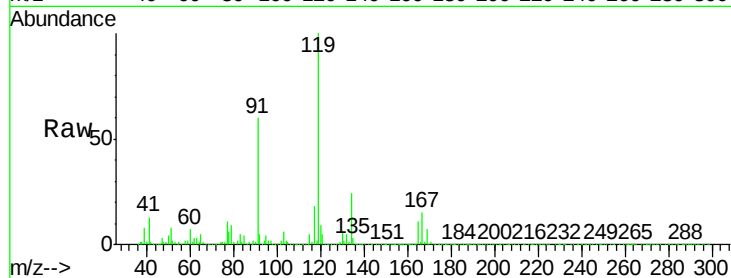
#83
tert-Butylbenzene
Concen: 46.328 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	28.6	85.8
134	22.8	11.8	35.3

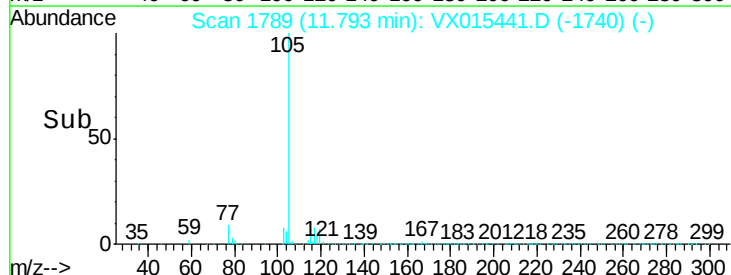
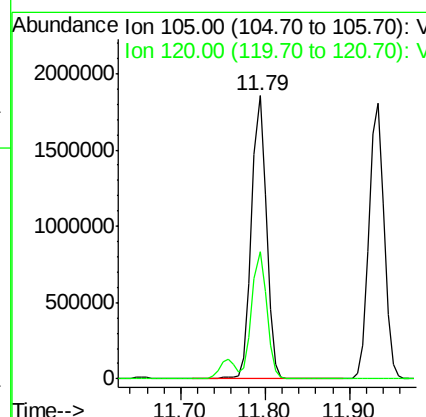
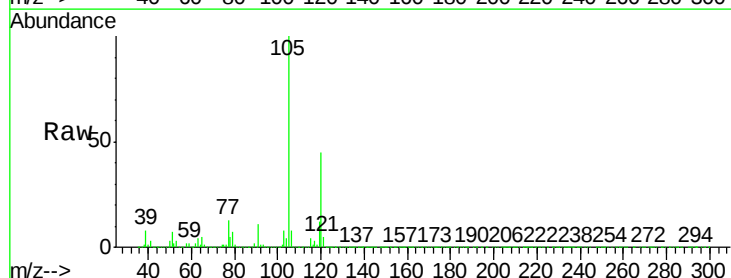
Manual Integrations
APPROVED

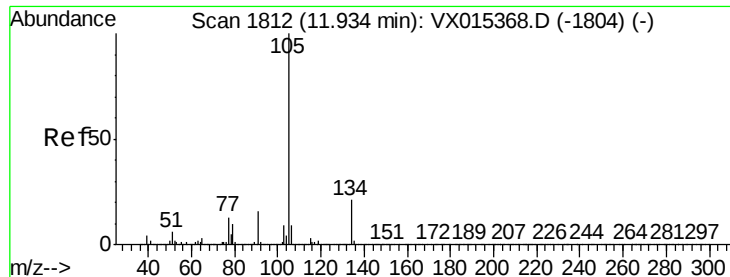
apatel
3/31/2020 11:05:35 AM



#84
1,2,4-Trimethylbenzene
Concen: 48.011 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 45.232 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2265179

Ion Ratio Lower Upper

105 100

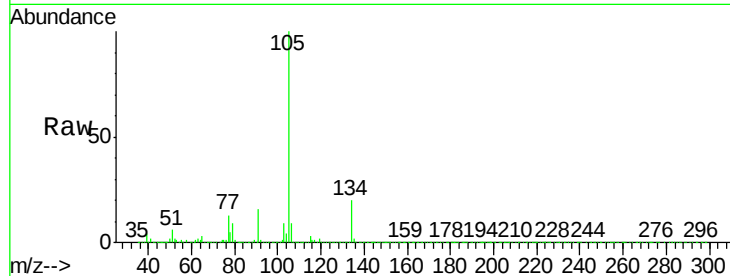
134 19.7 10.4 31.1

Manual Integrations

APPROVED

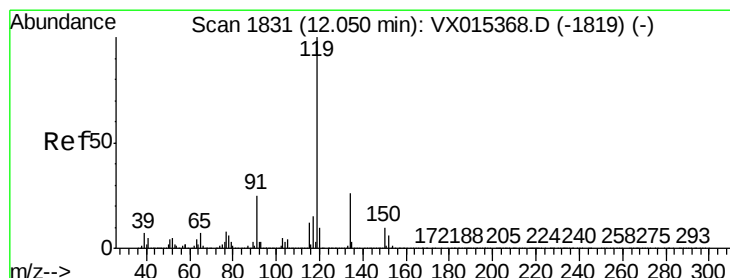
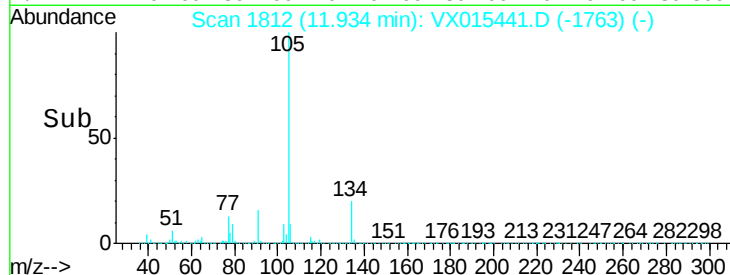
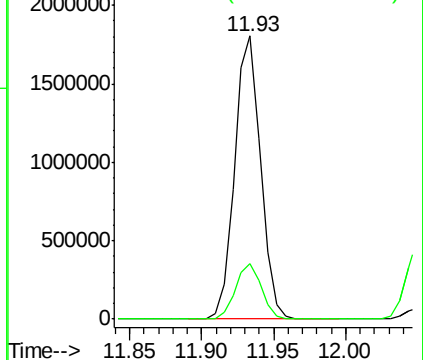
apatel

3/31/2020 11:05:35 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.857 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

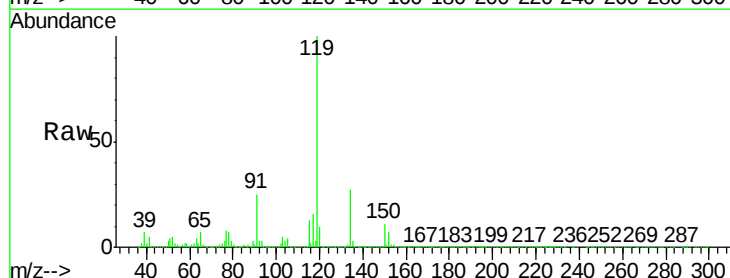
Tgt Ion:119 Resp: 2131925

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

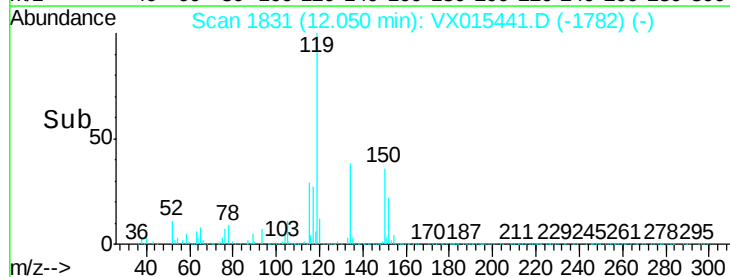
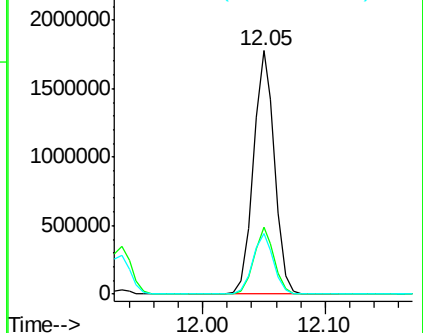
91 24.5 12.4 37.4

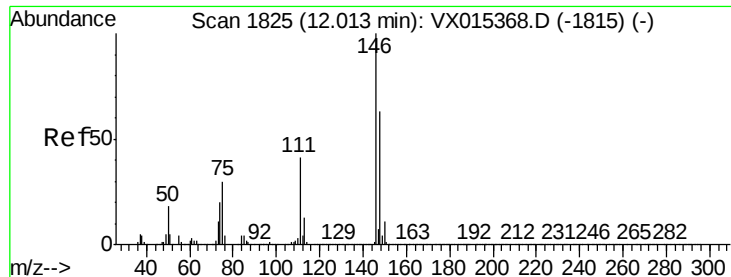


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.134 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 1193065

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.9

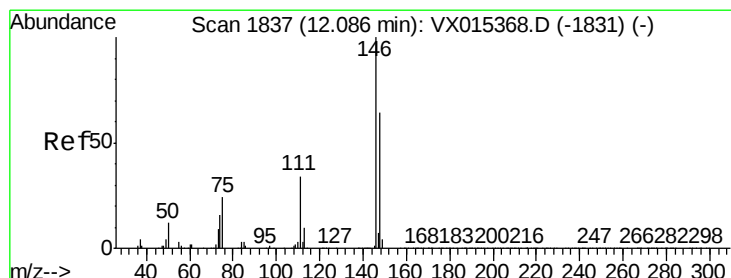
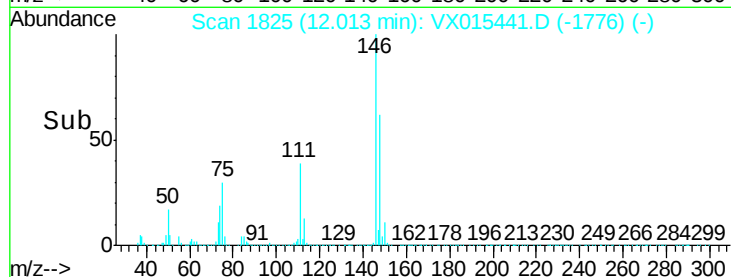
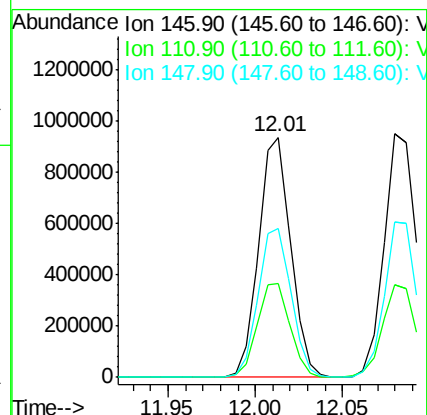
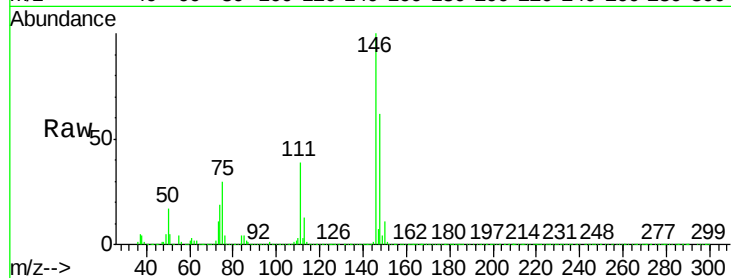
148 63.8 31.3 93.9

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:35 AM



#88

1,4-Dichlorobenzene

Concen: 47.846 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

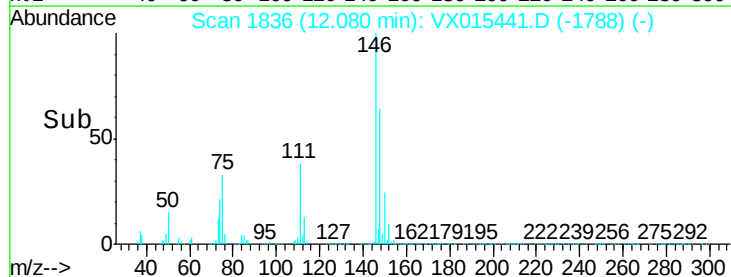
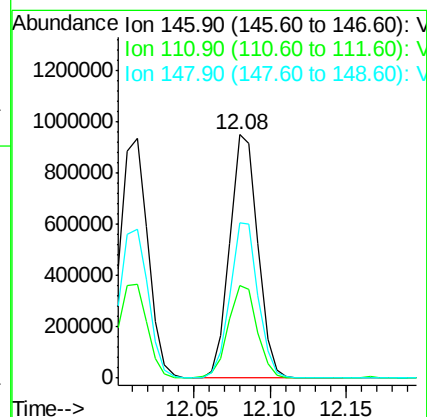
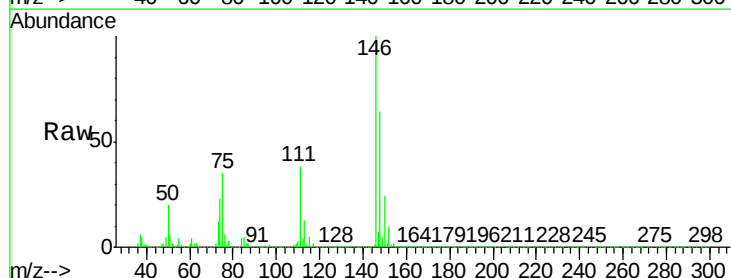
Tgt Ion:146 Resp: 1207964

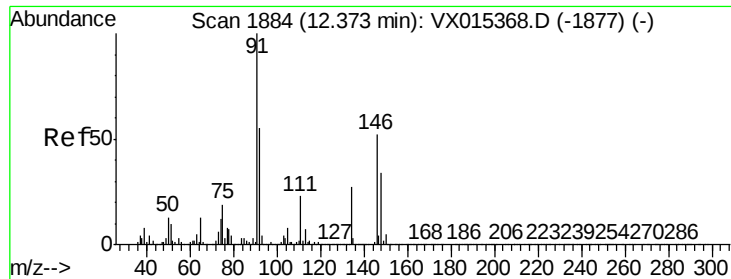
Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

148 63.8 32.4 97.2





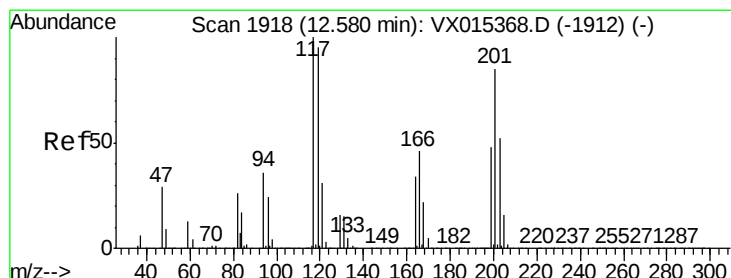
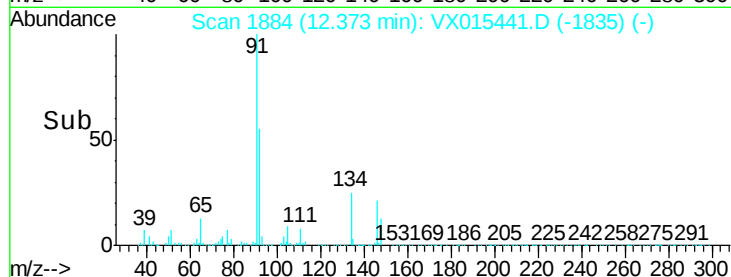
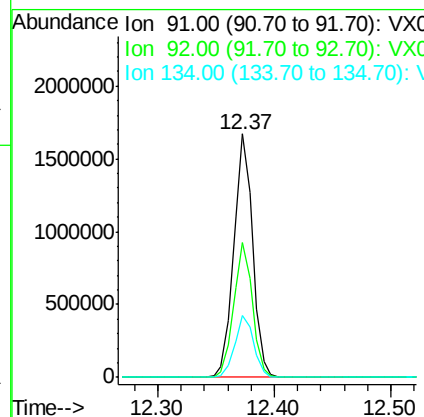
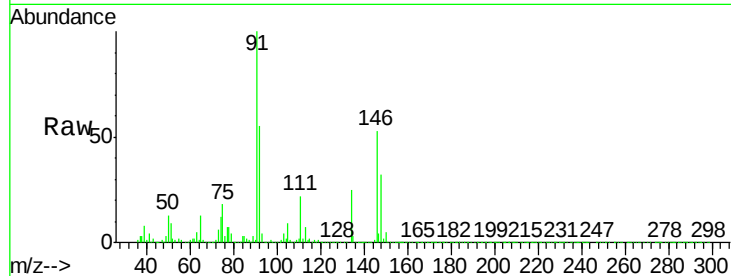
#89
n-Butylbenzene
Concen: 44.573 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1872628
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.5
134 25.7 13.4 40.2

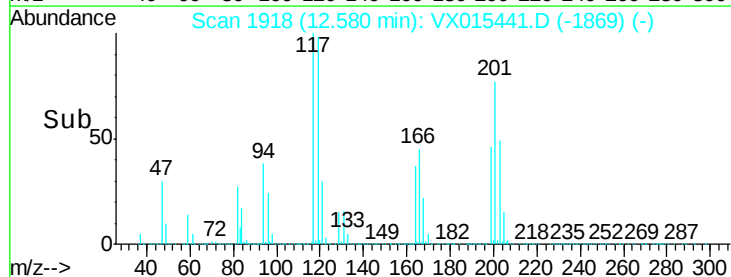
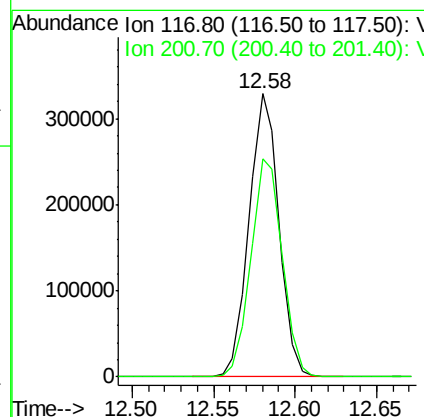
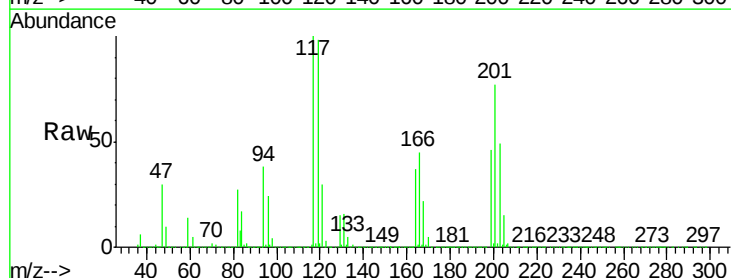
Manual Integrations
APPROVED

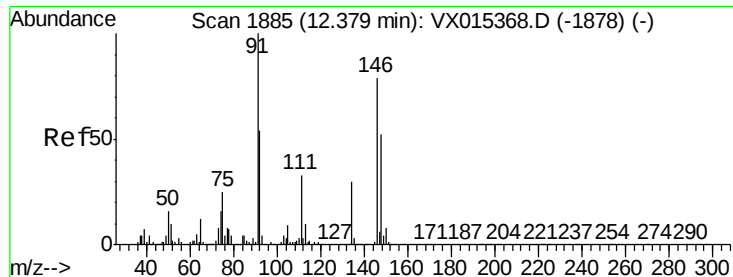
apatel
3/31/2020 11:05:35 AM



#90
Hexachloroethane
Concen: 46.362 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion: 117 Resp: 419525
Ion Ratio Lower Upper
117 100
201 80.8 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 49.378 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Instrument :

MSVOA_X

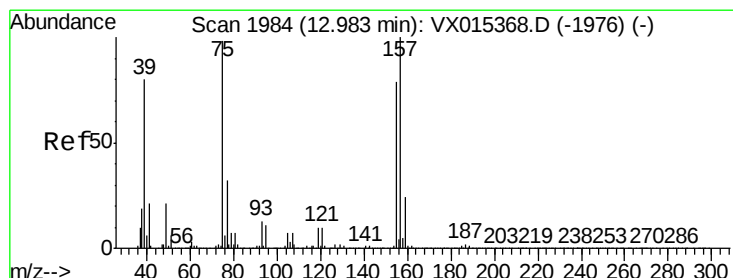
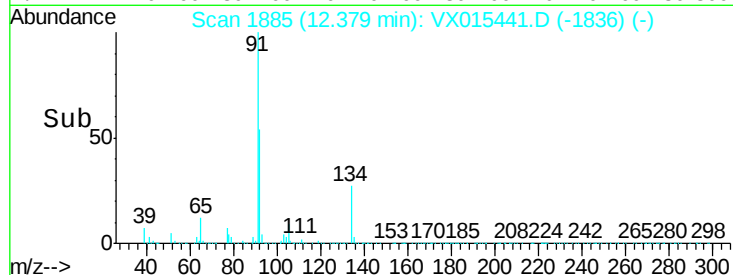
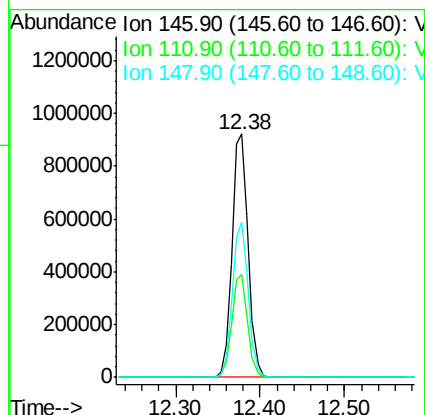
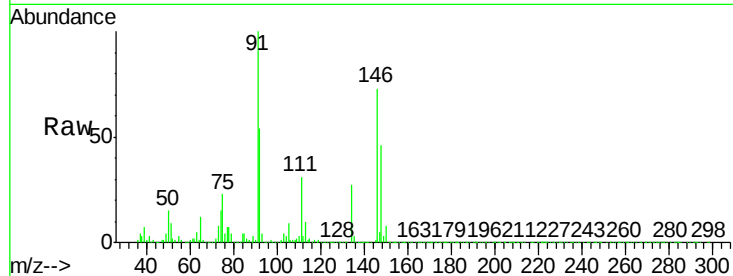
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	1197748
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	63.1	32.4	97.0

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.216 ug/l

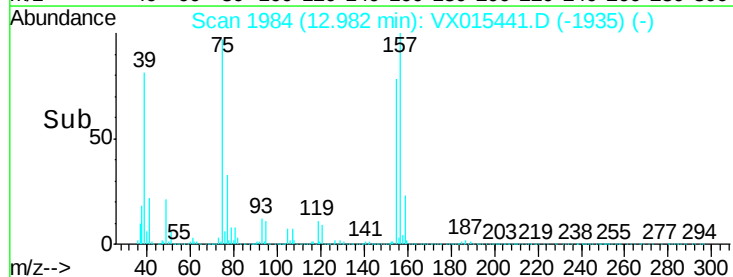
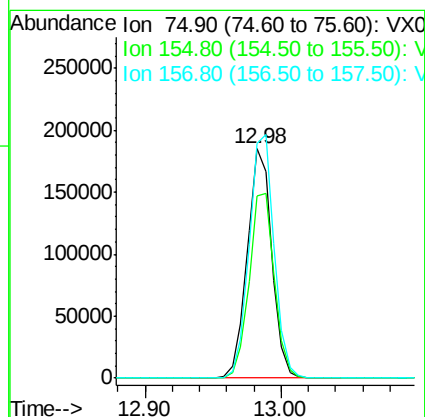
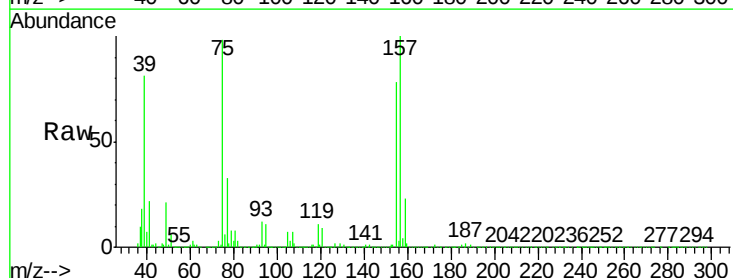
RT: 12.98 min Scan# 1984

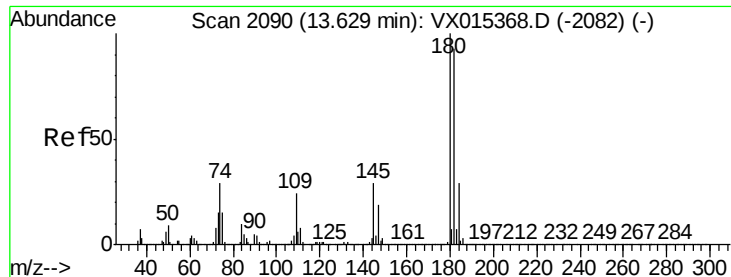
Delta R.T. -0.00 min

Lab File: VX015441.D

Acq: 30 Mar 2020 20:13

Tgt Ion:	75	Resp:	232329
Ion	Ratio	Lower	Upper
75	100		
155	82.9	42.8	128.4
157	108.6	53.4	160.3





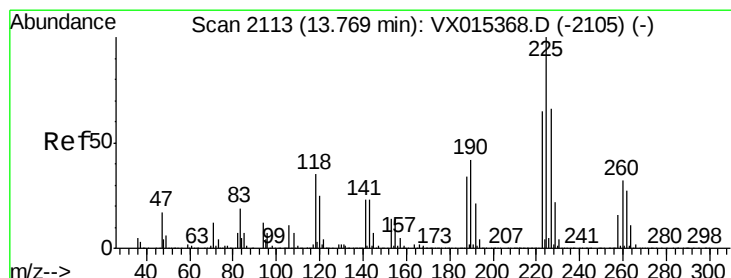
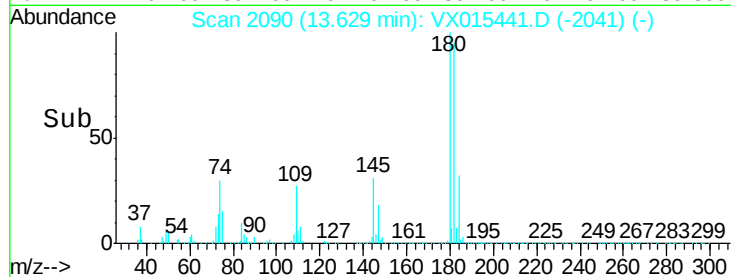
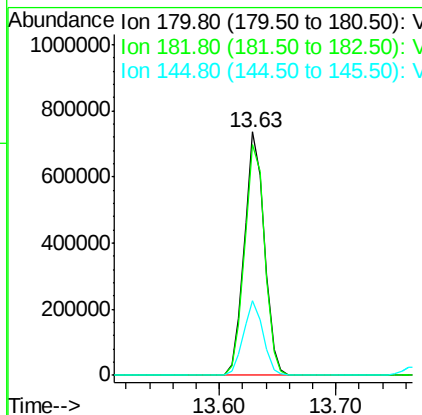
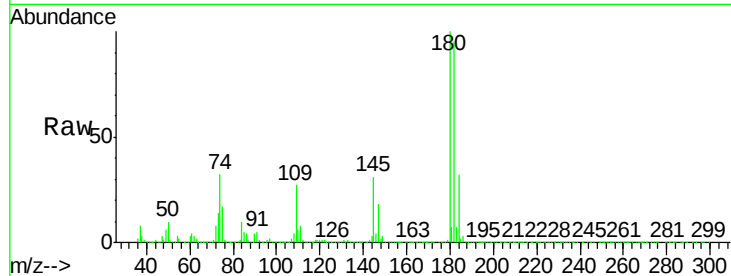
#93
 1,2,4-Trichlorobenzene
 Concen: 45.942 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	881481		
182	96.2	46.9	140.7	
145	30.3	14.9	44.5	

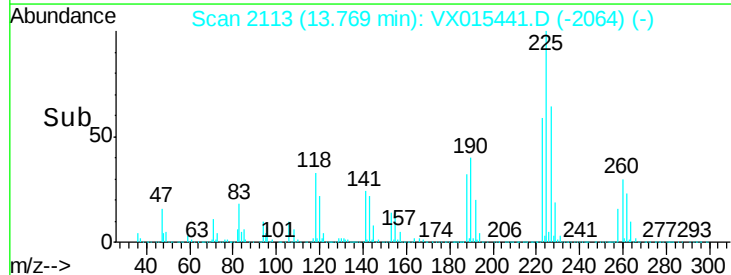
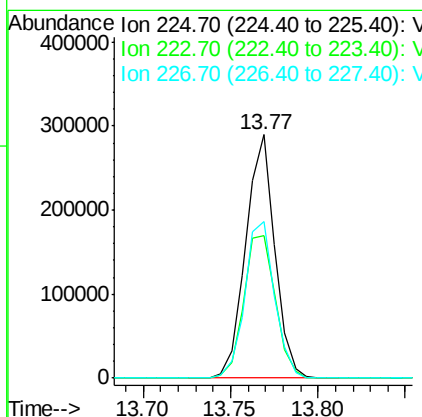
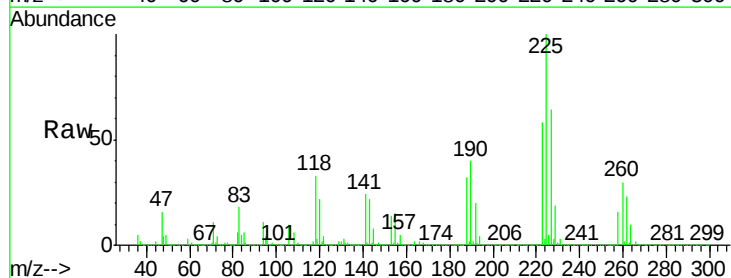
Manual Integrations
 APPROVED

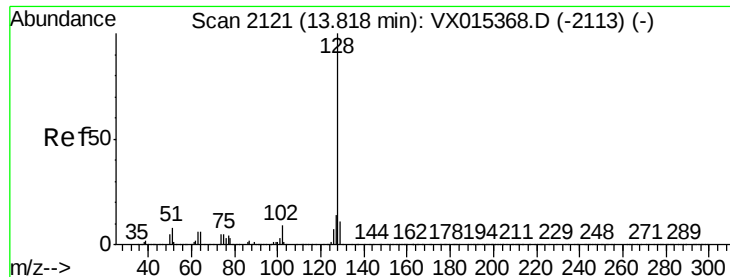
apatel
 3/31/2020 11:05:35 AM



#94
 Hexachlorobutadiene
 Concen: 36.478 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015441.D
 Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	333224		
223	64.3	31.9	95.7	
227	65.7	30.4	91.3	





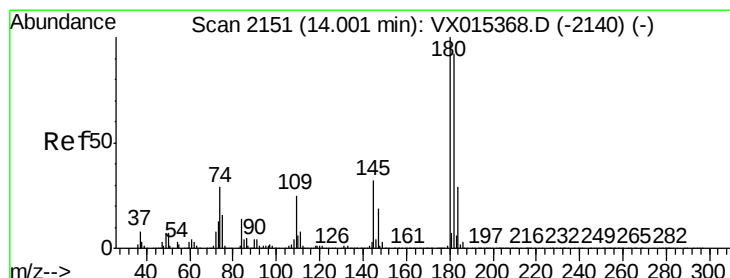
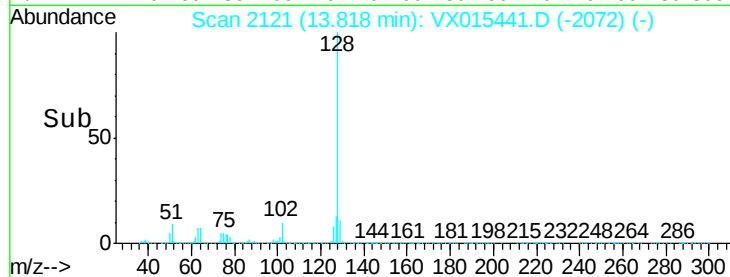
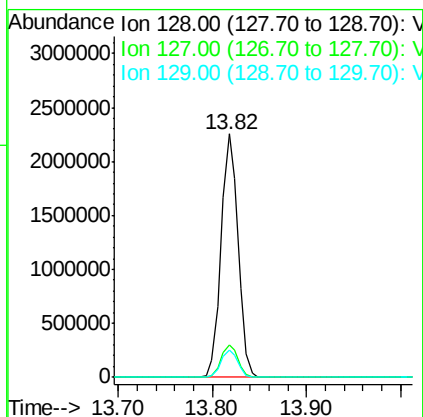
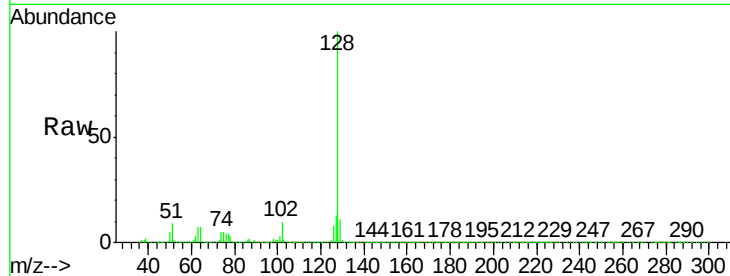
#95
Naphthalene
Concen: 48.077 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.3	8.8	13.2

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.000 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015441.D
Acq: 30 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.7	140.0
145	32.3	15.8	47.3

