

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015423.D
 Acq On : 30 Mar 2020 12:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:21 AM

Quant Time: Mar 31 08:00:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1145996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1770701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1635076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	853616	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	753146	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	552791	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.70	98	2018930	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.12	95	823993	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	502916	49.811	ug/l	98
3) Chloromethane	1.31	50	592525	46.083	ug/l	99
4) Vinyl Chloride	1.39	62	553916	46.917	ug/l	97
5) Bromomethane	1.62	94	328117	62.277	ug/l	97
6) Chloroethane	1.71	64	336932	46.015	ug/l	99
7) Trichlorofluoromethane	1.92	101	785718	49.625	ug/l	100
8) Diethyl Ether	2.17	74	307164	45.995	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	516323	50.023	ug/l	99
10) Methyl Iodide	2.49	142	640199	46.004	ug/l	98
11) Tert butyl alcohol	3.01	59	649554	167.899	ug/l	99
12) 1,1-Dichloroethene	2.36	96	508053	46.958	ug/l	97
13) Acrolein	2.27	56	503465	228.454	ug/l	99
14) Allyl chloride	2.70	41	1152143	45.574	ug/l	97
15) Acrylonitrile	3.11	53	1599860	216.845	ug/l	100
16) Acetone	2.42	43	1420051	204.500	ug/l	100
17) Carbon Disulfide	2.55	76	1528852	46.321	ug/l	100
18) Methyl Acetate	2.75	43	743688	41.962	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1944389	46.337	ug/l	99
20) Methylene Chloride	2.83	84	583051	44.952	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	554872	46.210	ug/l	98
22) Diisopropyl ether	3.82	45	2124427	47.424	ug/l	100
23) Vinyl Acetate	3.78	43	9514225	234.576	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1067540	45.261	ug/l	99
25) 2-Butanone	4.63	43	2275218	203.737	ug/l	98
26) 2,2-Dichloropropane	4.55	77	971152	50.163	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	639070	46.003	ug/l	97
28) Bromochloromethane	4.98	49	520986	46.264	ug/l	98
29) Tetrahydrofuran	5.09	42	1489268	207.441	ug/l	100
30) Chloroform	5.18	83	1048773	46.218	ug/l	95
31) Cyclohexane	5.55	56	1003793	49.059	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	958451	46.671	ug/l	100
36) 1,1-Dichloropropene	5.77	75	796904	48.845	ug/l	99
37) Ethyl Acetate	4.79	43	932889	43.914	ug/l	100
38) Carbon Tetrachloride	5.75	117	849419	48.069	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015423.D
 Acq On : 30 Mar 2020 12:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:21 AM

Quant Time: Mar 31 08:00:42 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	980368	52.116	ug/l	100
40) Benzene	6.11	78	2297124	48.066	ug/l	98
41) Methacrylonitrile	5.00	41	539799	45.774	ug/l	98
42) 1,2-Dichloroethane	6.16	62	925785	48.226	ug/l	99
43) Isopropyl Acetate	6.41	43	1641199	45.766	ug/l	100
44) Trichloroethene	7.18	130	637128	48.882	ug/l	97
45) 1,2-Dichloropropane	7.49	63	625688	47.858	ug/l	98
46) Dibromomethane	7.64	93	411035	47.928	ug/l	99
47) Bromodichloromethane	7.87	83	884450	48.399	ug/l	98
48) Methyl methacrylate	7.75	41	825583	46.091	ug/l	99
49) 1,4-Dioxane	7.72	88	248119	742.536	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4549526	223.859	ug/l	100
52) Toluene	8.76	92	1447530	49.128	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1042366	48.636	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1092172	50.026	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	585123	48.470	ug/l	97
56) Ethyl methacrylate	9.16	69	1018302	47.864	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1030651	47.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2437539	235.552	ug/l	99
59) 2-Hexanone	9.47	43	3391678	221.049	ug/l	100
60) Dibromochloromethane	9.56	129	720520	49.671	ug/l	99
61) 1,2-Dibromoethane	9.65	107	641950	48.906	ug/l	99
64) Tetrachloroethene	9.32	164	578980	46.921	ug/l	96
65) Chlorobenzene	10.12	112	1560974	47.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	626625	48.101	ug/l	99
67) Ethyl Benzene	10.23	91	2847534	49.236	ug/l	97
68) m/p-Xylenes	10.34	106	2131509	98.977	ug/l	100
69) o-Xylene	10.68	106	1027631	48.290	ug/l	97
70) Styrene	10.70	104	1829519	48.856	ug/l	100
71) Bromoform	10.84	173	548356	46.239	ug/l #	100
73) Isopropylbenzene	11.00	105	2790519	49.892	ug/l	100
74) N-amyl acetate	10.88	43	1472125	47.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	876424	45.666	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	834015m	47.512	ug/l	
77) Bromobenzene	11.24	156	725852	48.653	ug/l	99
78) n-propylbenzene	11.34	91	3243609	50.717	ug/l	100
79) 2-Chlorotoluene	11.40	91	1931292	49.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2351709	49.233	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	343885	47.006	ug/l	99
82) 4-Chlorotoluene	11.49	91	2276391	49.536	ug/l	100
83) tert-Butylbenzene	11.76	119	2335128	50.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2439264	50.112	ug/l	100
85) sec-Butylbenzene	11.93	105	2721228	50.429	ug/l	100
86) p-Isopropyltoluene	12.05	119	2550549	50.914	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1290092	48.304	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1350352	49.637	ug/l	99
89) n-Butylbenzene	12.37	91	2375245	52.469	ug/l	99
90) Hexachloroethane	12.58	117	474726	48.688	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1260682	48.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	217810	40.210	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
Data File : VX015423.D
Acq On : 30 Mar 2020 12:49
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

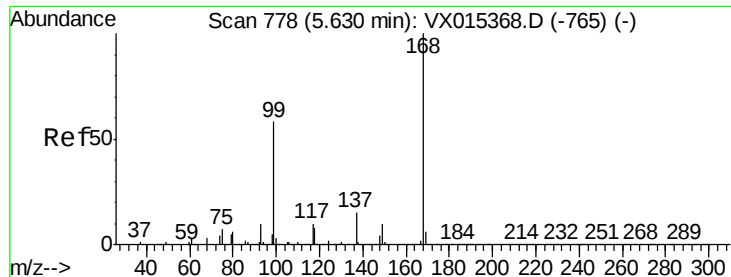
Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM

Quant Time: Mar 31 08:00:42 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	1011941	48.947	ug/l	98
94) Hexachlorobutadiene	13.77	225	492638	50.049	ug/l	97
95) Naphthalene	13.82	128	3021357	47.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1017701	51.128	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1145996

Ion Ratio Lower Upper

168 100

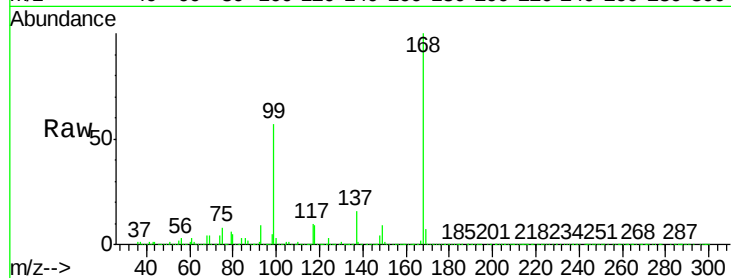
99 56.9 46.4 69.6

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

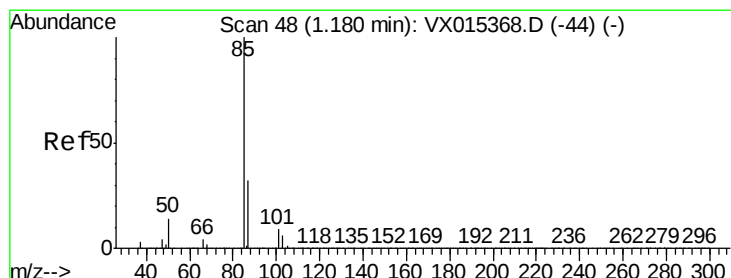
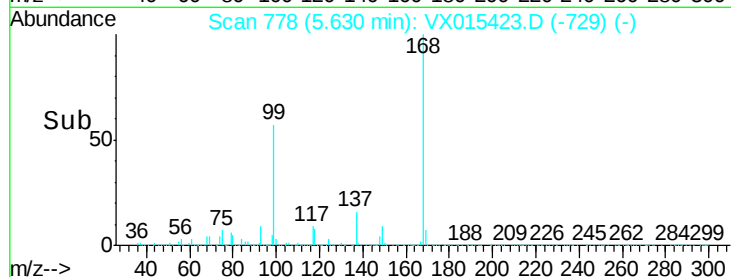
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.811 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015423.D

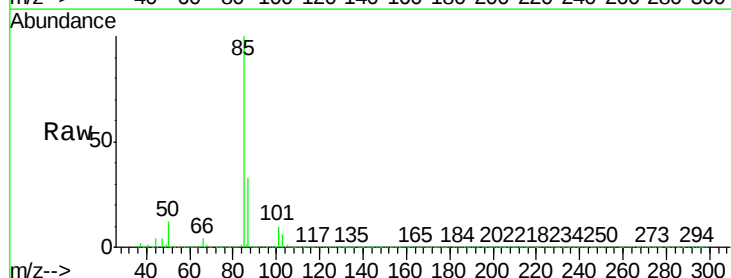
Acq: 30 Mar 2020 12:49

Tgt Ion: 85 Resp: 502916

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600000

500000

400000

300000

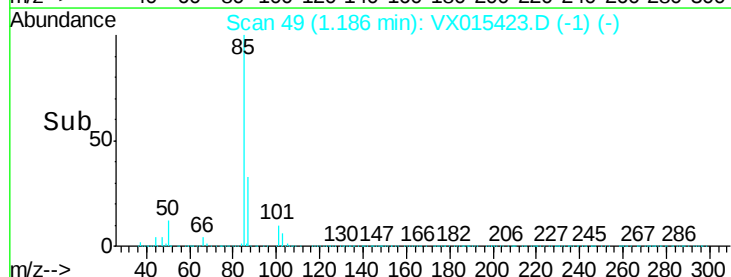
200000

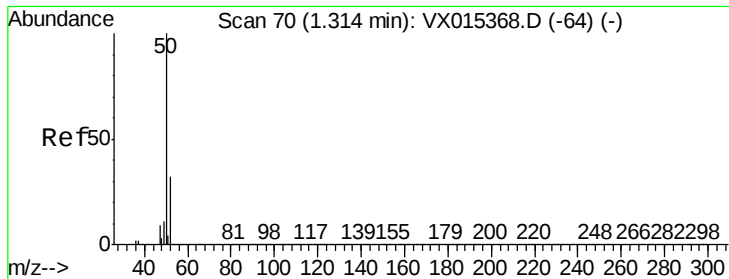
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.083 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tot Ion: 50 Resp: 592525

Ion Ratio Lower Upper

50 100

52 32.0 25.3 37.9

Instrument :

MSVOA_X

ClientSampleId :

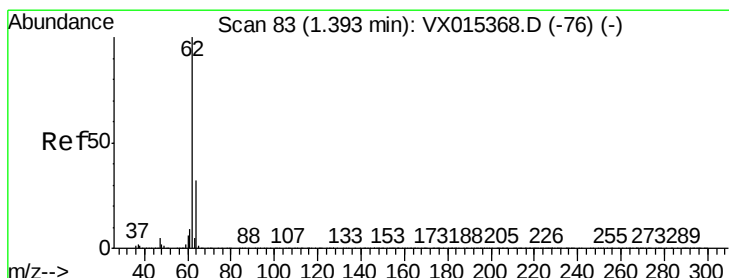
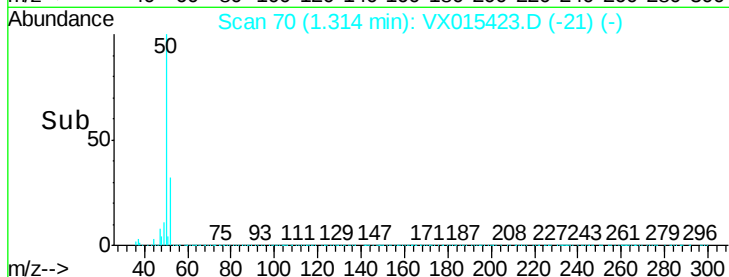
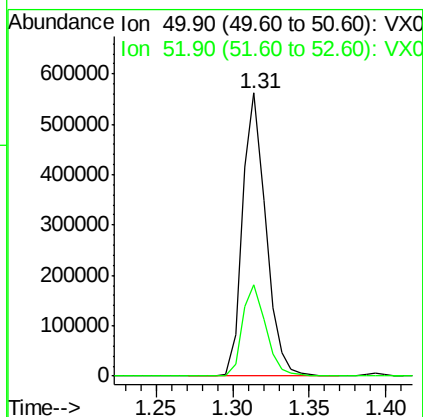
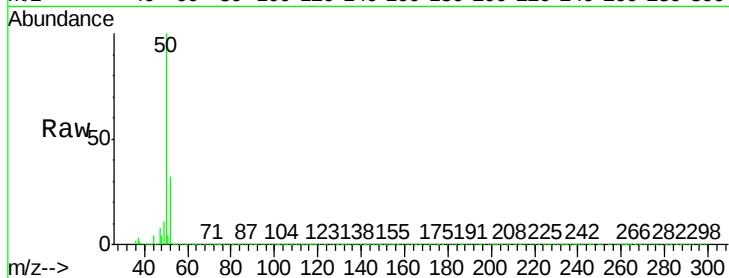
VSTDCCC050

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#4

Vinyl Chloride

Concen: 46.917 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015423.D

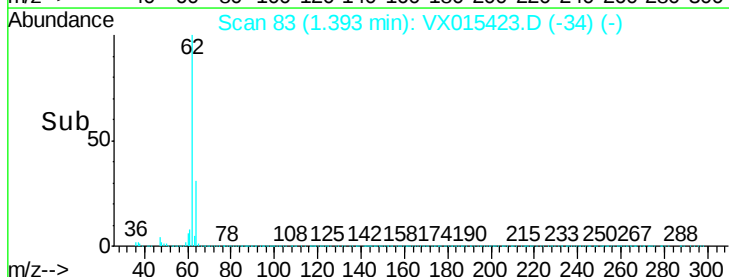
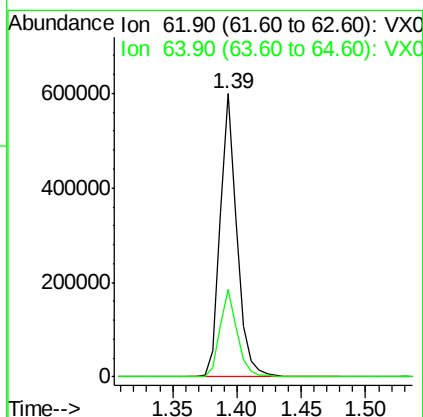
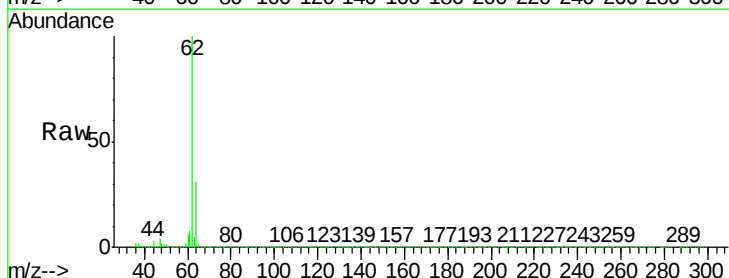
Acq: 30 Mar 2020 12:49

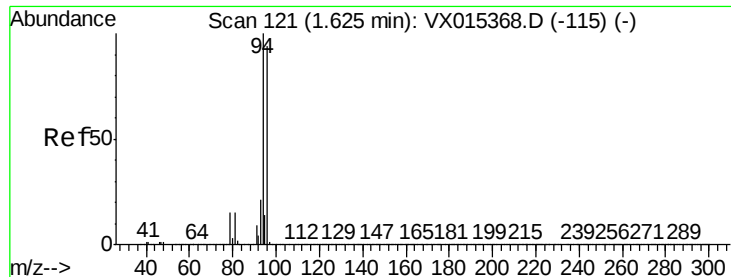
Tgt Ion: 62 Resp: 553916

Ion Ratio Lower Upper

62 100

64 31.0 26.0 39.0





#5

Bromomethane

Concen: 62.277 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 328117

Ion Ratio Lower Upper

94 100

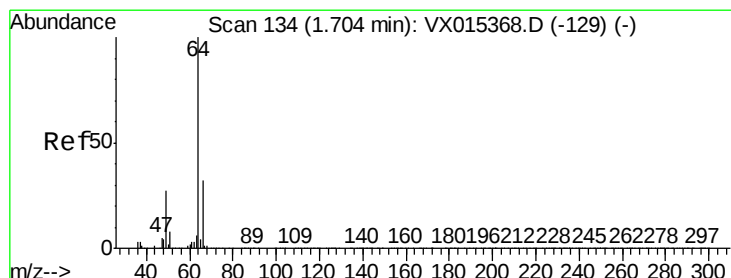
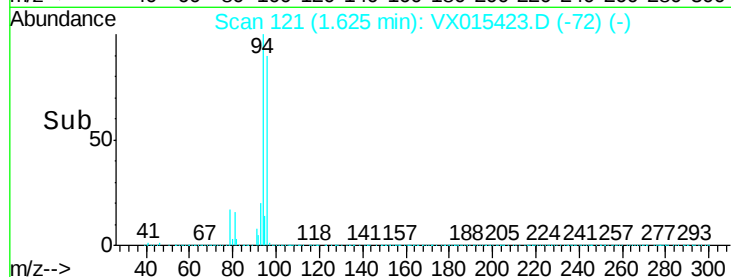
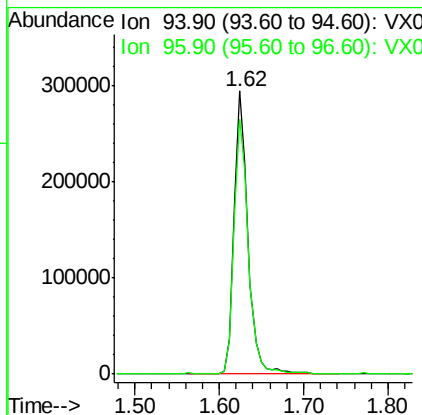
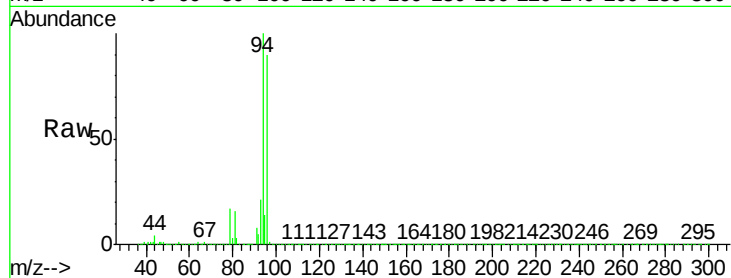
96 90.2 74.8 112.2

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#6

Chloroethane

Concen: 46.015 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015423.D

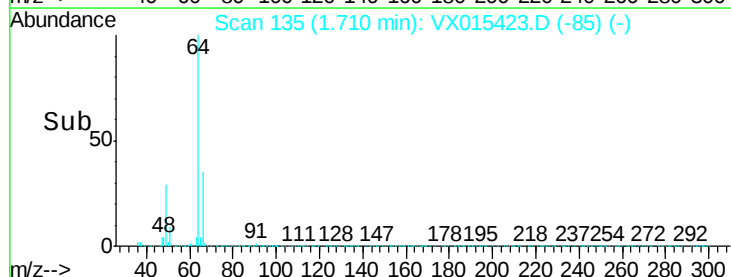
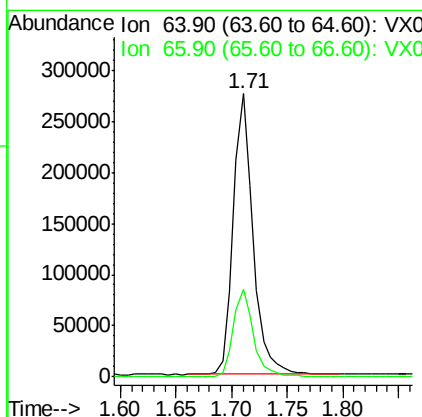
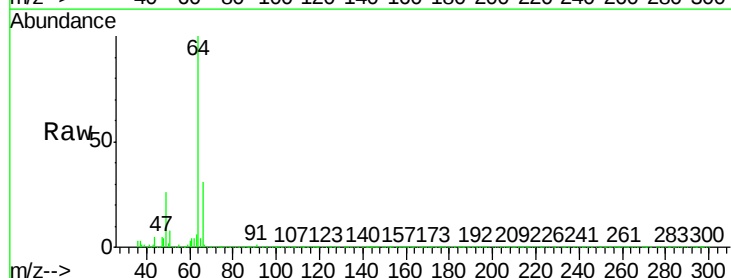
Acq: 30 Mar 2020 12:49

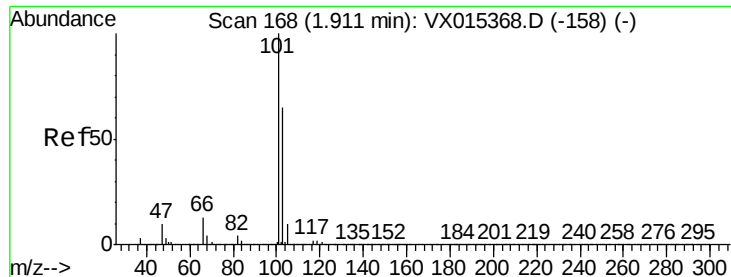
Tgt Ion: 64 Resp: 336932

Ion Ratio Lower Upper

64 100

66 31.1 25.4 38.2





#7

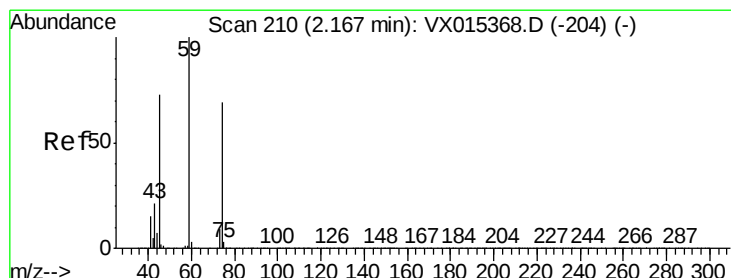
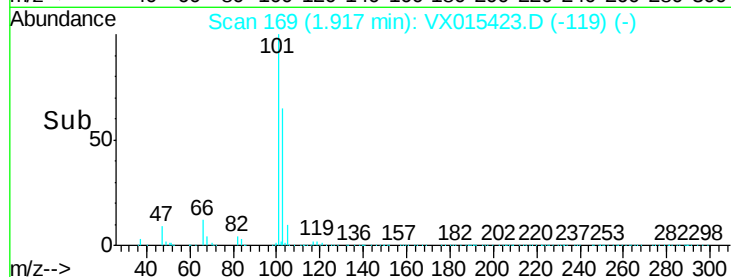
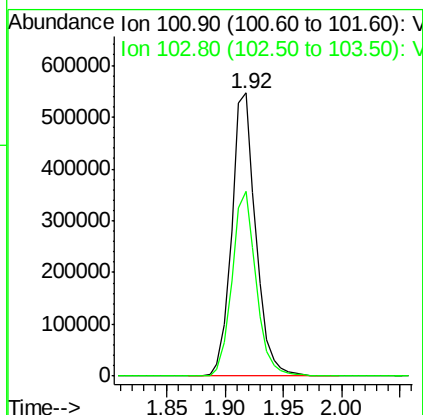
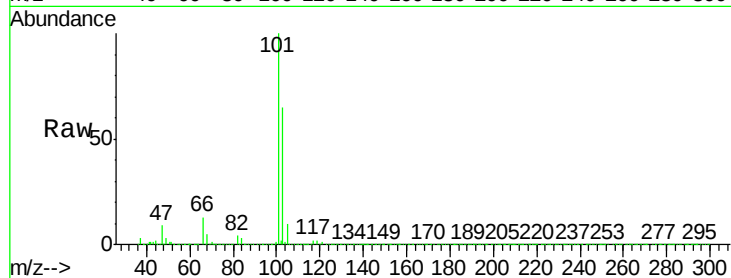
Trichlorofluoromethane
Concen: 49.625 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

Manual Integrations
APPROVED

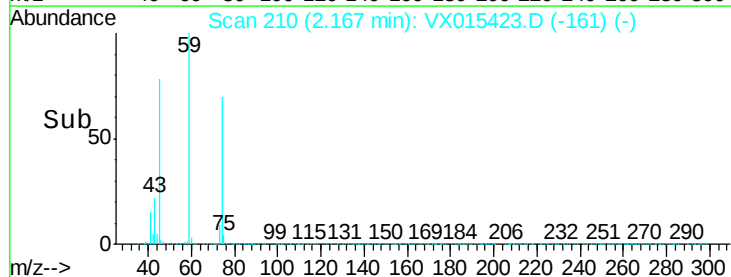
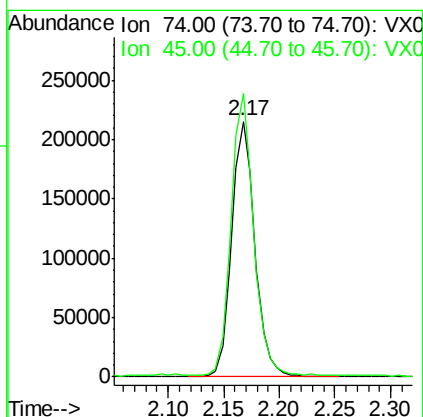
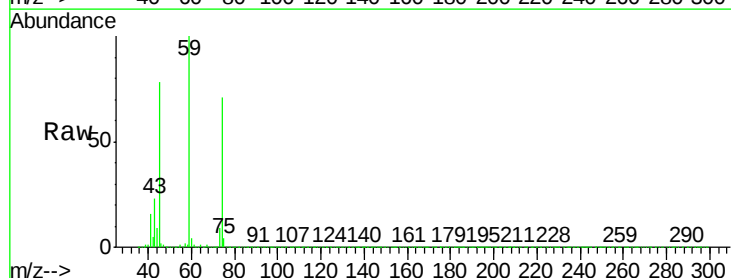
apatel
3/31/2020 11:05:21 AM

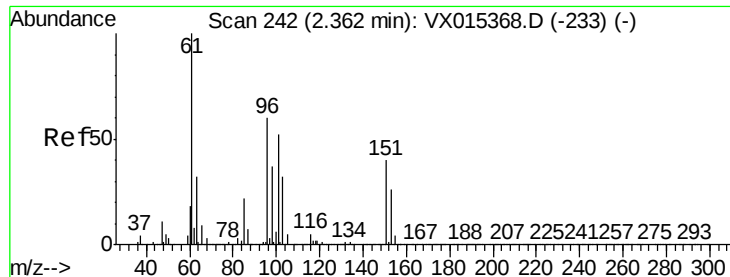


#8

Diethyl Ether
Concen: 45.995 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.023 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

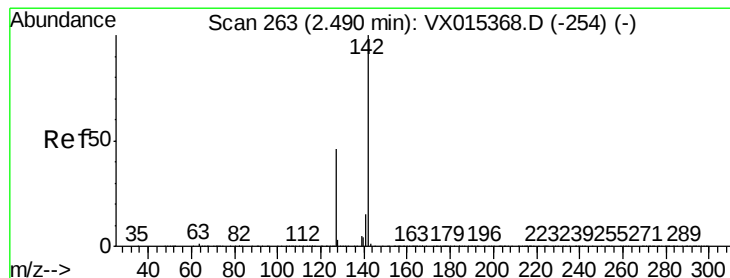
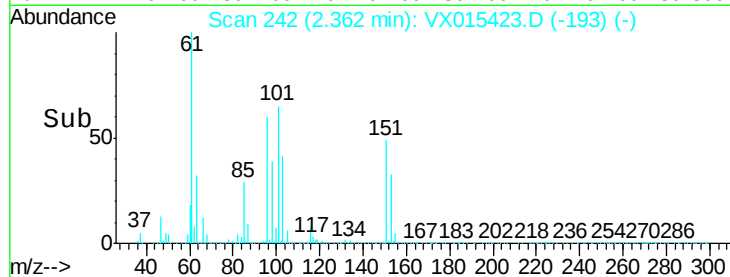
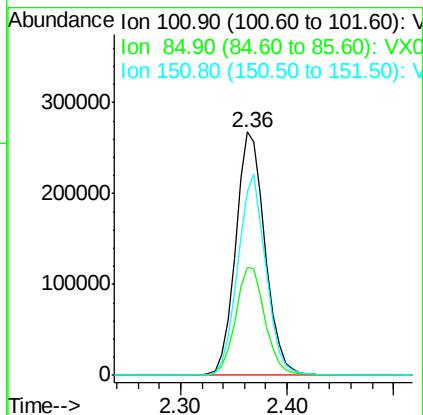
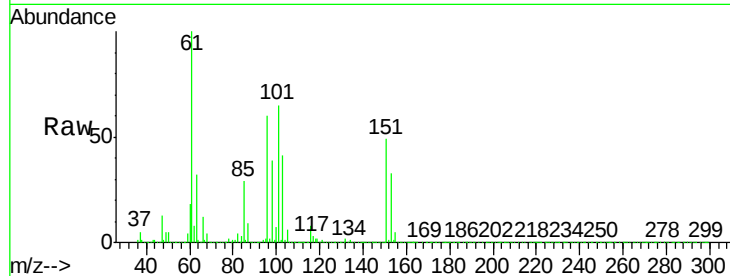
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	516323
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.0	52.4
151	79.3	64.1	96.1

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#10

Methyl Iodide

Concen: 46.004 ug/l

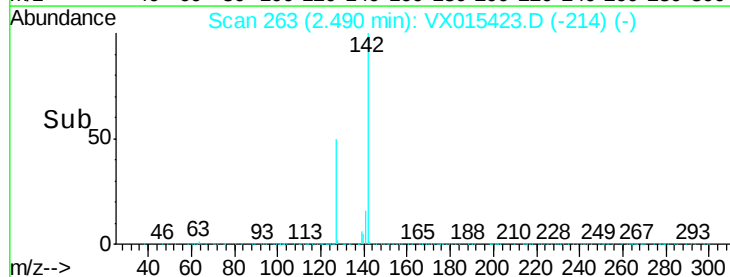
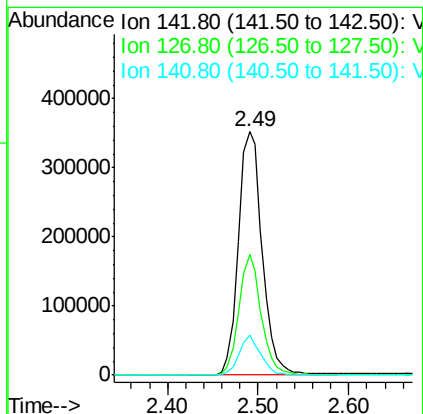
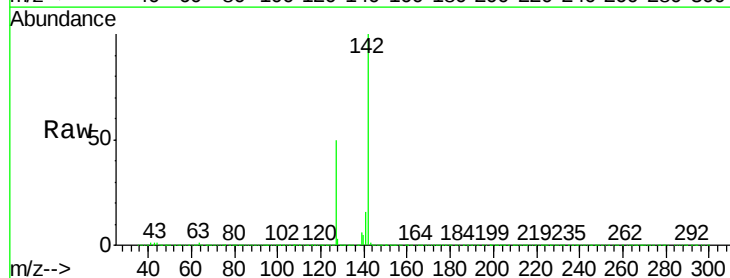
RT: 2.49 min Scan# 263

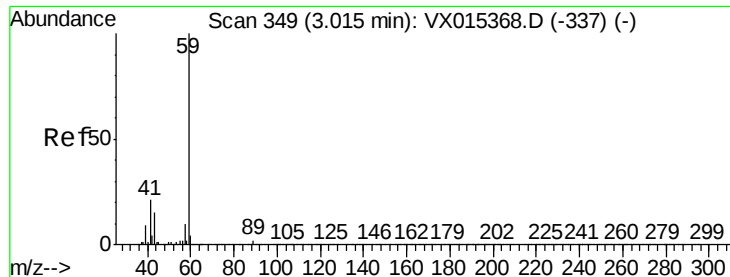
Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion:	142	Resp:	640199
Ion Ratio	Lower	Upper	
142	100		
127	46.2	35.9	53.9
141	15.0	11.6	17.4





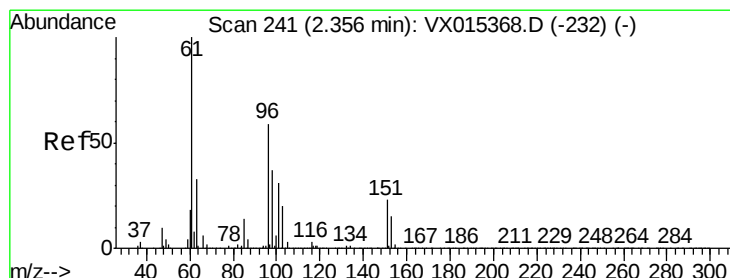
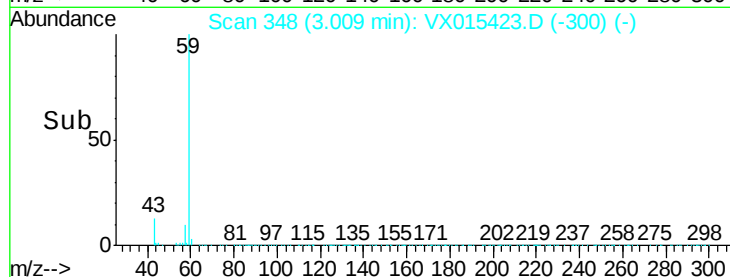
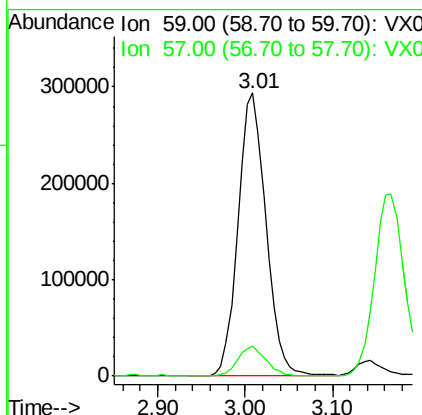
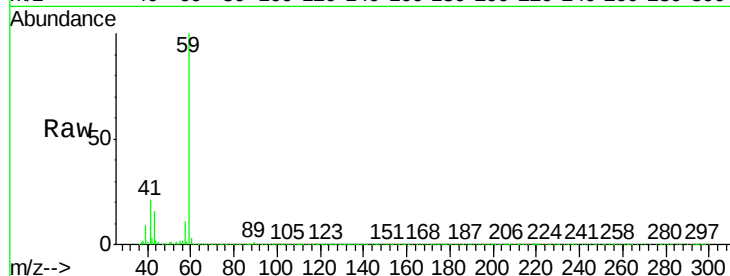
#11
Tert butyl alcohol
Concen: 167.899 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

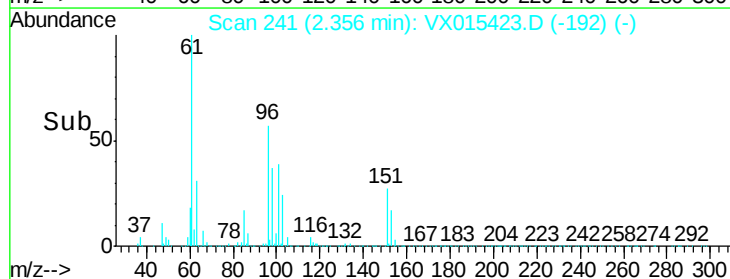
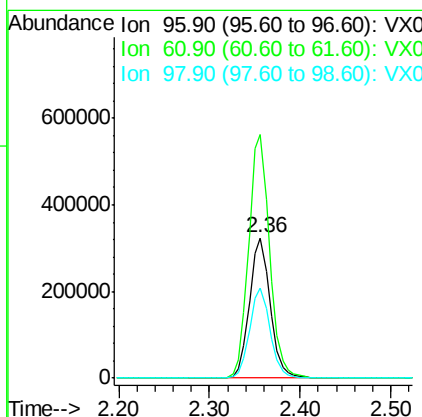
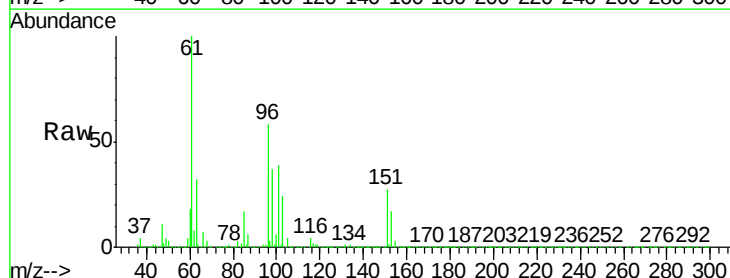
Manual Integrations
APPROVED

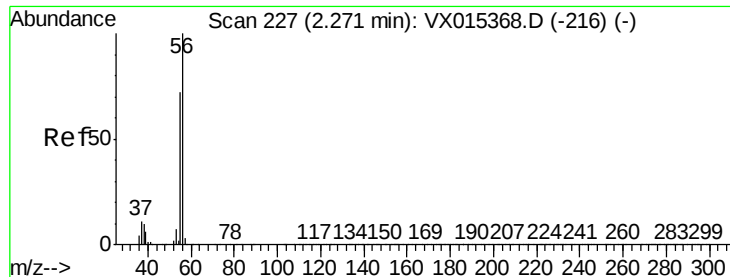
apatel
3/31/2020 11:05:21 AM



#12
1,1-Dichloroethene
Concen: 46.958 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.9	135.7	203.5
98	64.3	50.6	75.8





#13

Acrolein

Concen: 228.454 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 503465

Ion Ratio Lower Upper

56 100

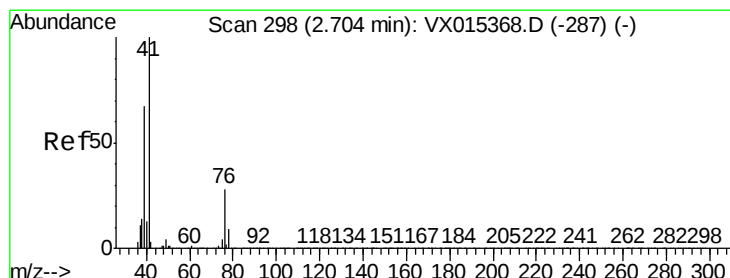
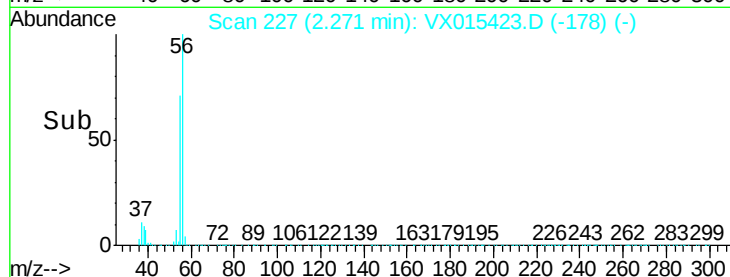
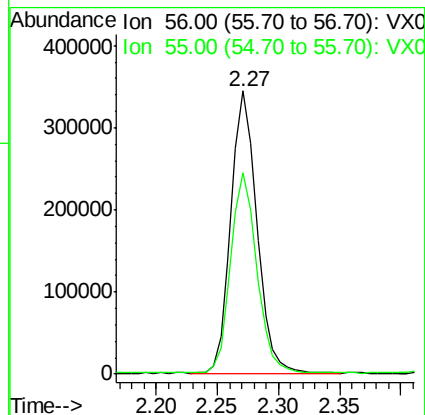
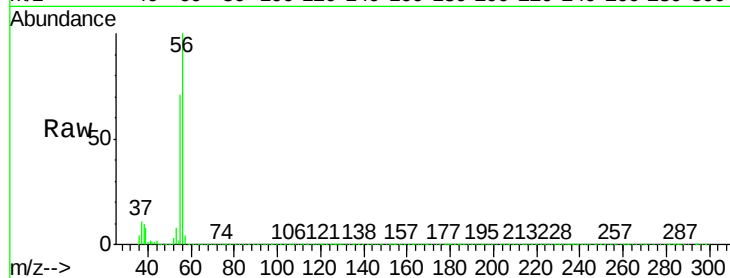
55 72.0 57.0 85.4

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#14

Allyl chloride

Concen: 45.574 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

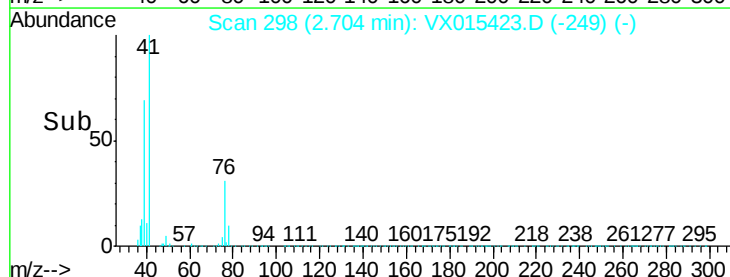
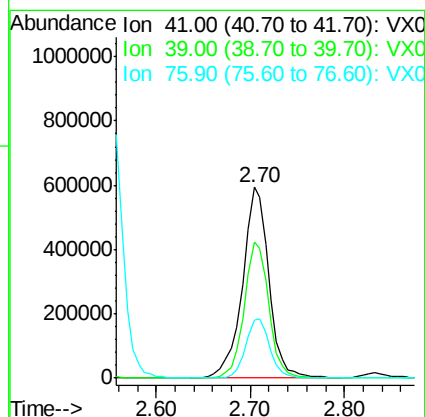
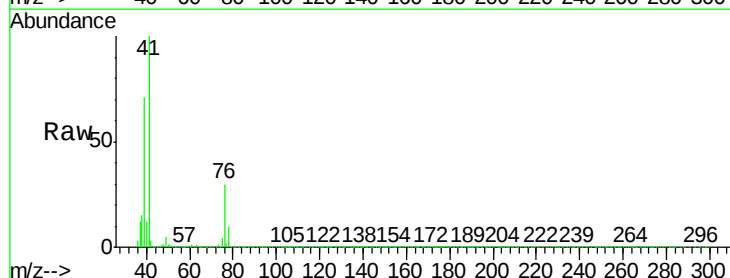
Tgt Ion: 41 Resp: 1152143

Ion Ratio Lower Upper

41 100

39 66.4 51.4 77.0

76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 216.845 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1599860

Ion Ratio Lower Upper

53 100

52 83.1 66.8 100.2

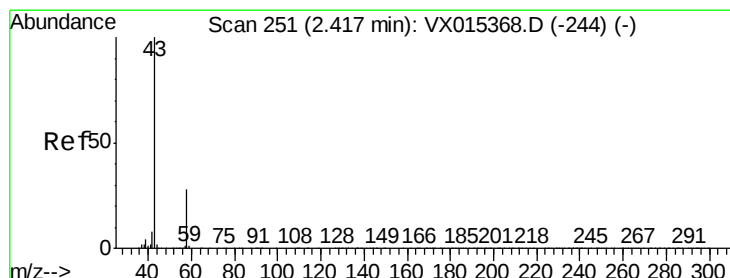
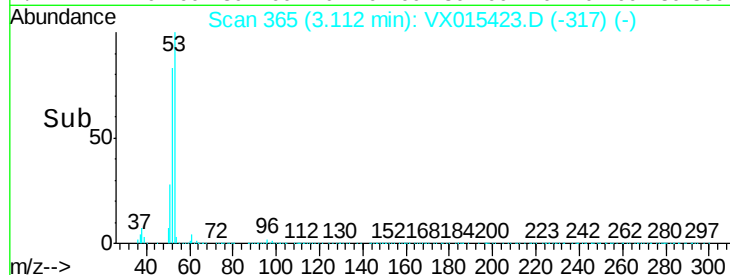
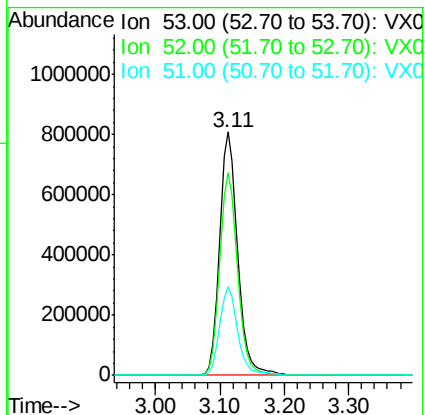
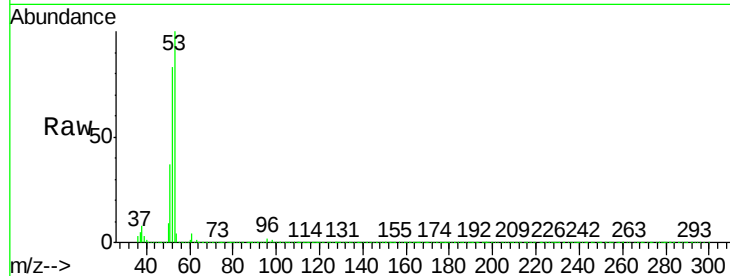
51 37.0 29.5 44.3

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#16

Acetone

Concen: 204.500 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015423.D

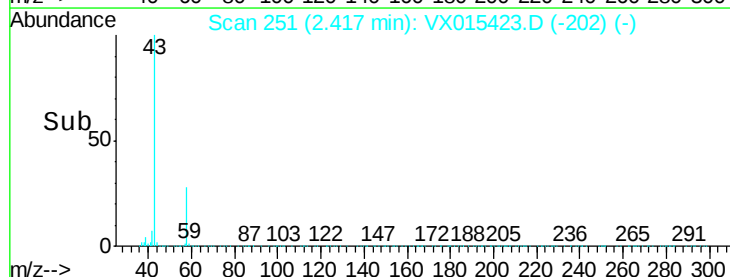
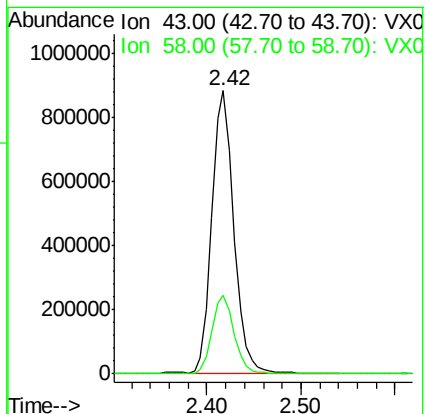
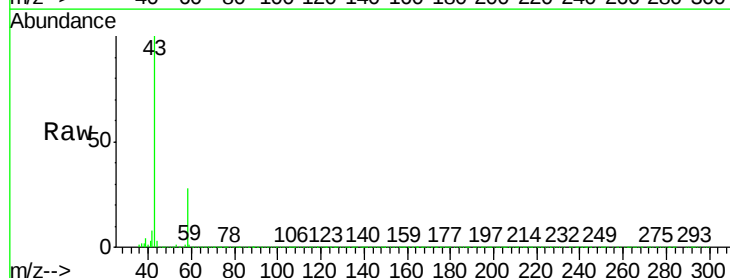
Acq: 30 Mar 2020 12:49

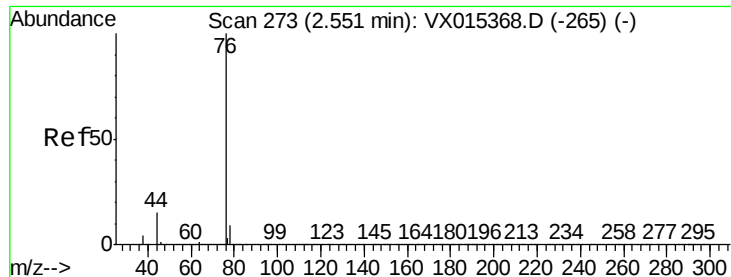
Tgt Ion: 43 Resp: 1420051

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1





#17

Carbon Disulfide

Concen: 46.321 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1528852

Ion Ratio Lower Upper

76 100

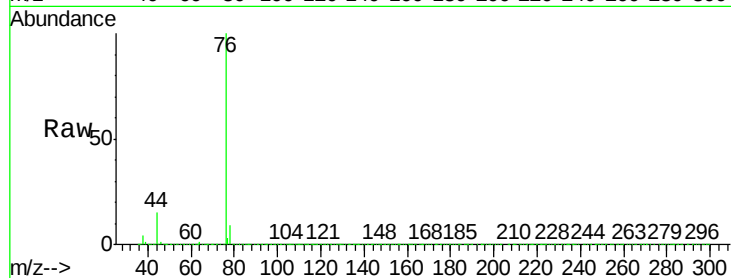
78 9.0 7.1 10.7

Manual Integrations

APPROVED

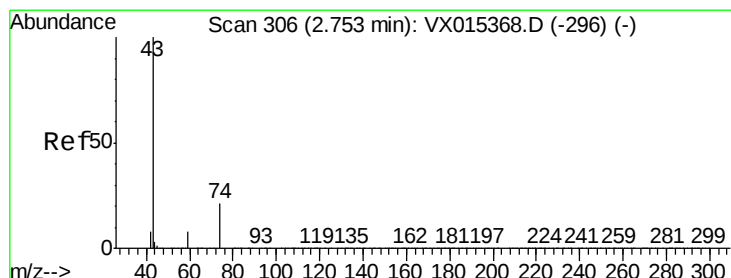
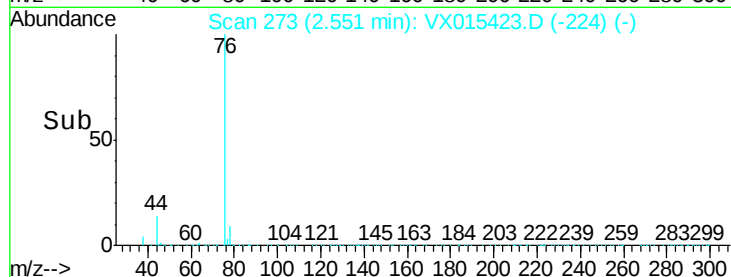
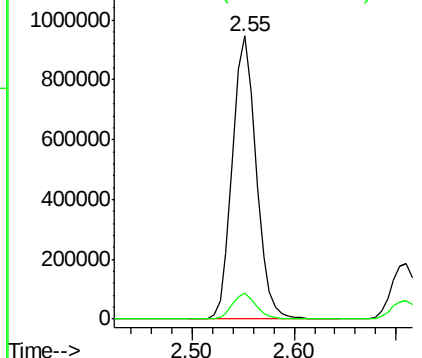
apatel

3/31/2020 11:05:21 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 41.962 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015423.D

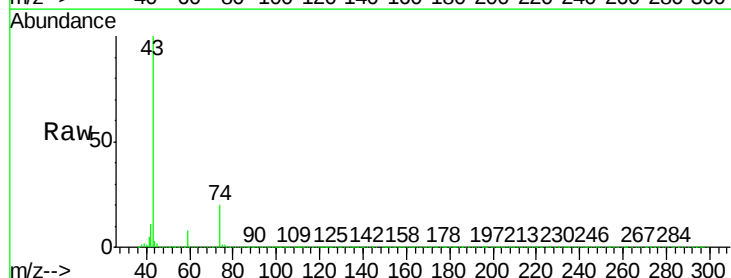
Acq: 30 Mar 2020 12:49

Tgt Ion: 43 Resp: 743688

Ion Ratio Lower Upper

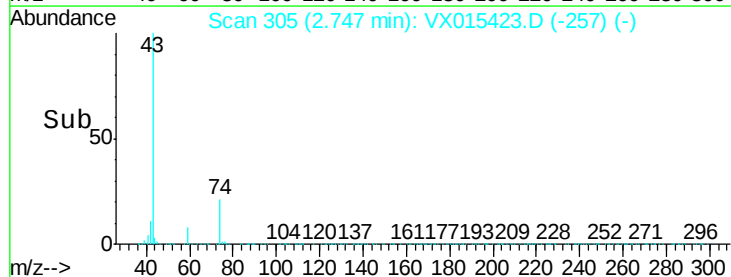
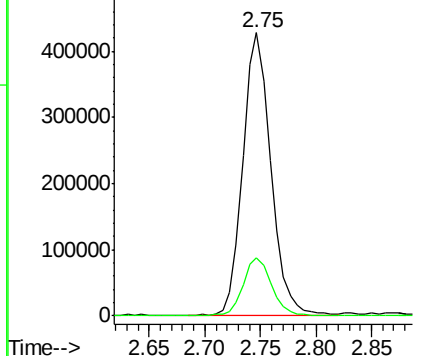
43 100

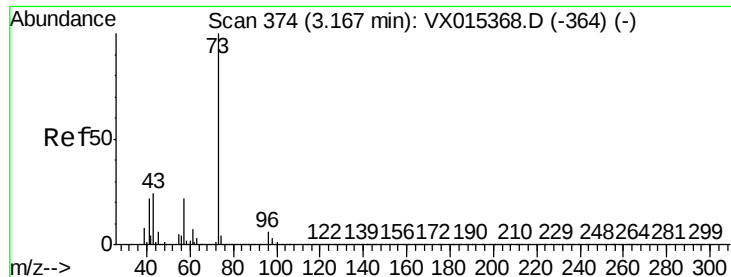
74 21.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





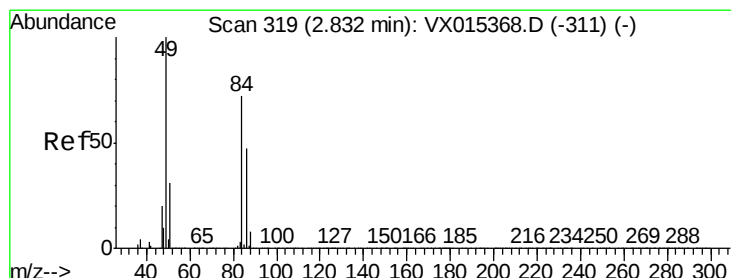
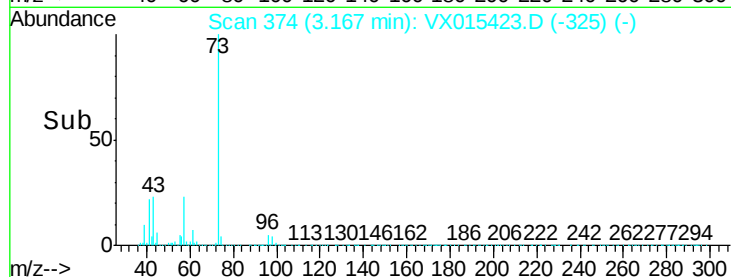
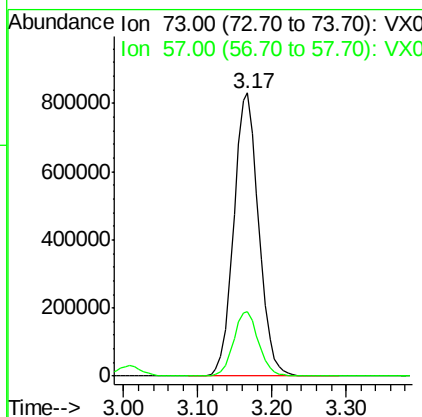
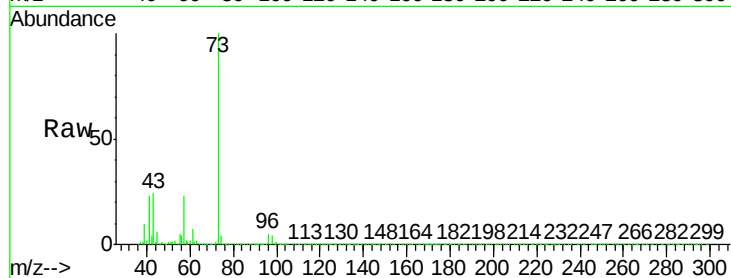
#19
Methvl tert-butvl Ether
Concen: 46.337 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1944389
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

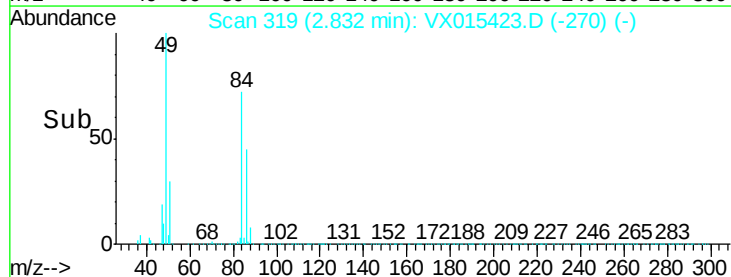
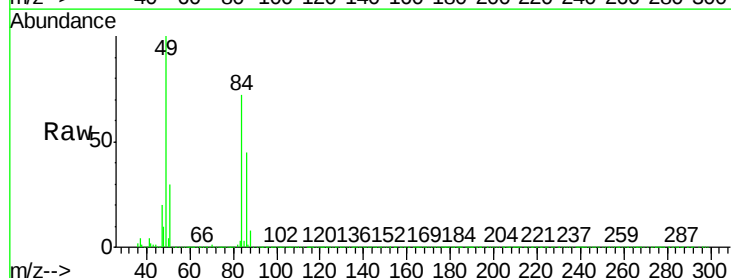
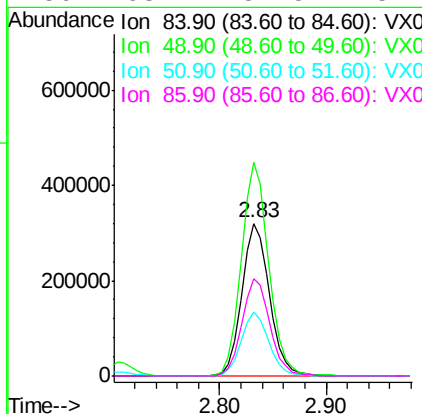
Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#20
Methylene Chloride
Concen: 44.952 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 84 Resp: 583051
Ion Ratio Lower Upper
84 100
49 139.7 111.3 166.9
51 41.8 34.0 51.0
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.210 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 554872

Ion Ratio Lower Upper

96 100

61 148.2 116.9 175.3

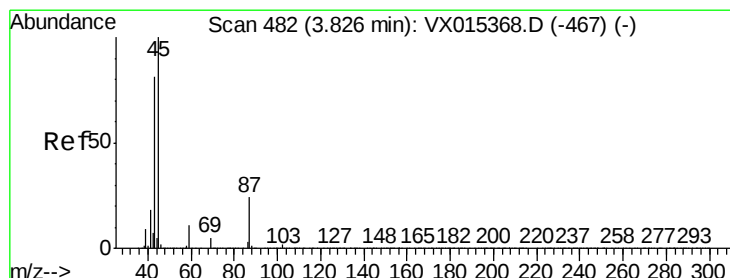
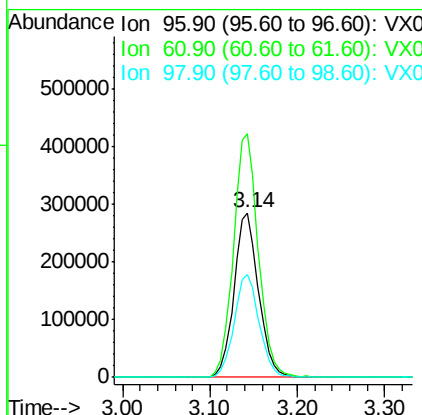
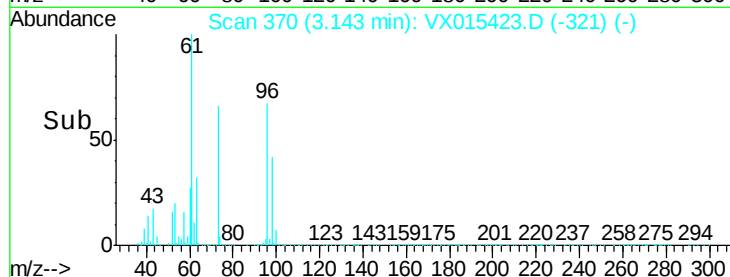
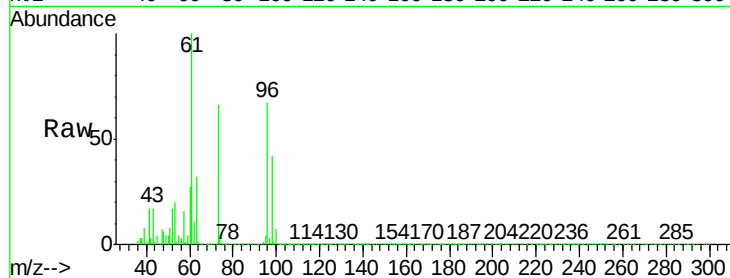
98 62.4 48.6 73.0

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#22

Diisopropyl ether

Concen: 47.424 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion: 45 Resp: 2124427

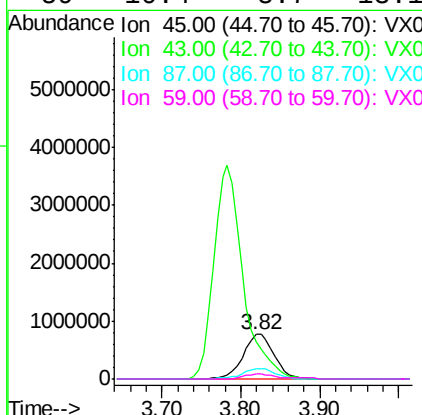
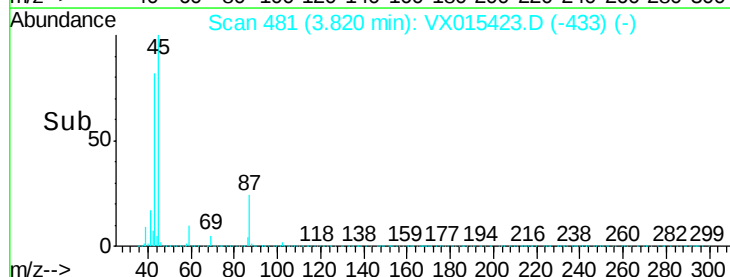
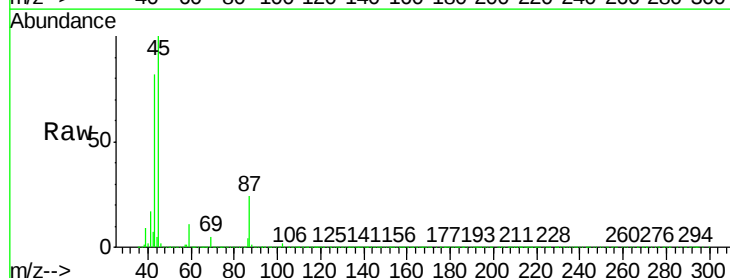
Ion Ratio Lower Upper

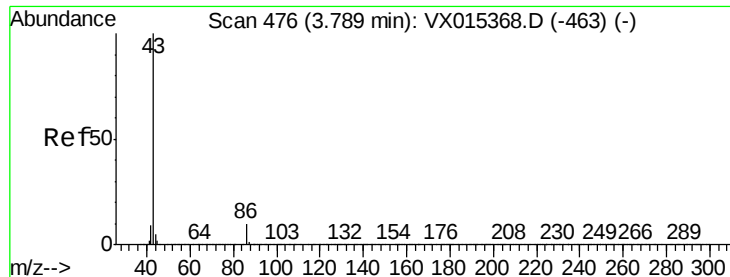
45 100

43 81.2 64.7 97.1

87 23.9 19.4 29.0

59 10.4 8.7 13.1





#23

Vinyl Acetate

Concen: 234.576 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9514225

Ion Ratio Lower Upper

43 100

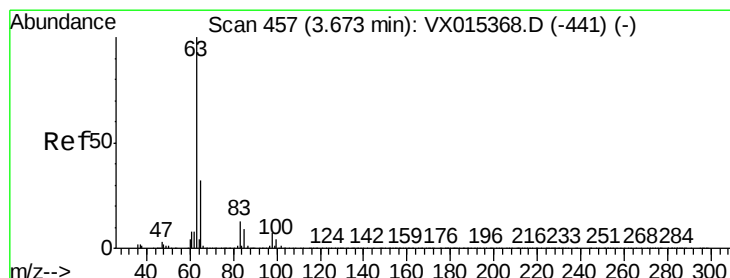
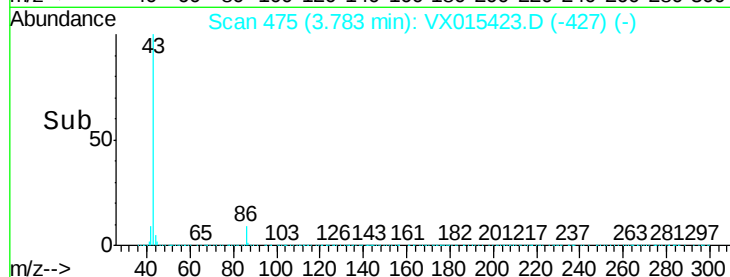
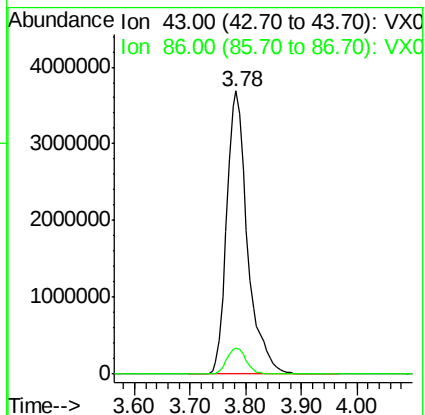
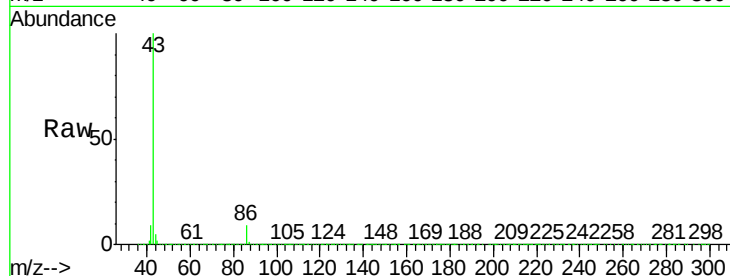
86 9.4 7.8 11.6

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#24

1,1-Dichloroethane

Concen: 45.261 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

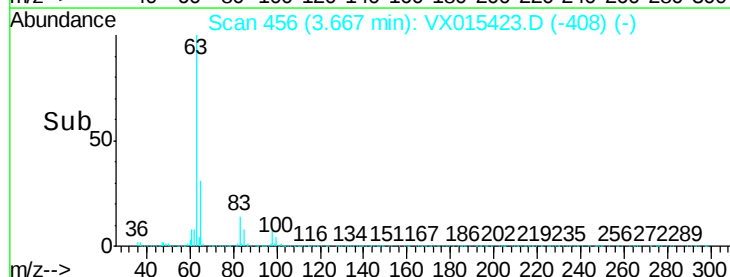
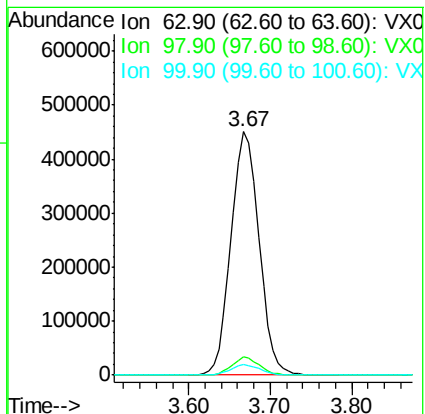
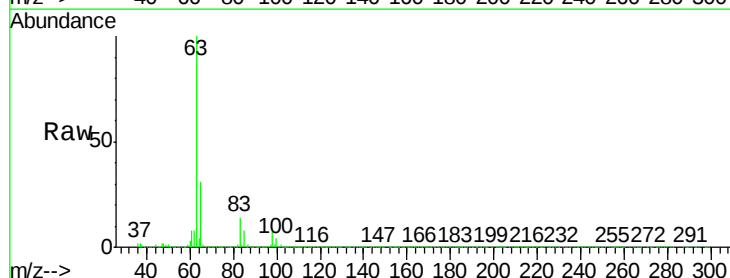
Tgt Ion: 63 Resp: 1067540

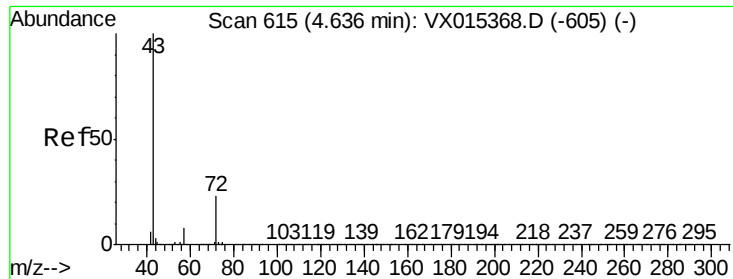
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 203.737 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tot Ion: 43 Resp: 2275218

Ion Ratio Lower Upper

43 100

72 22.7 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

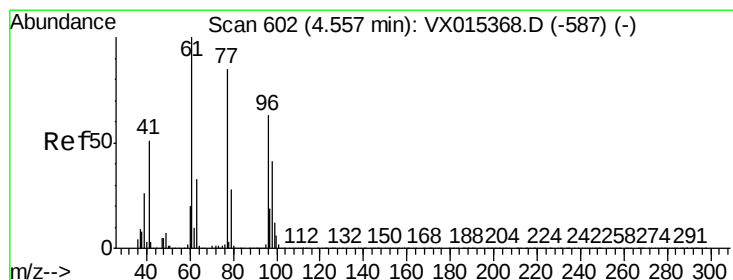
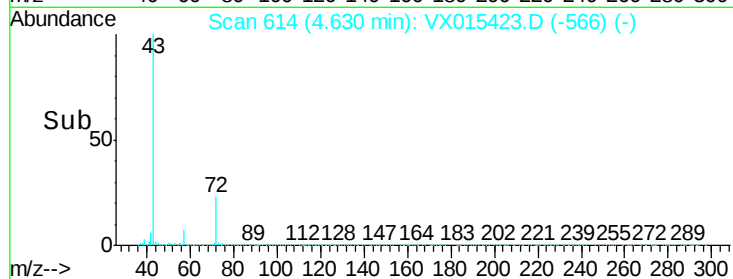
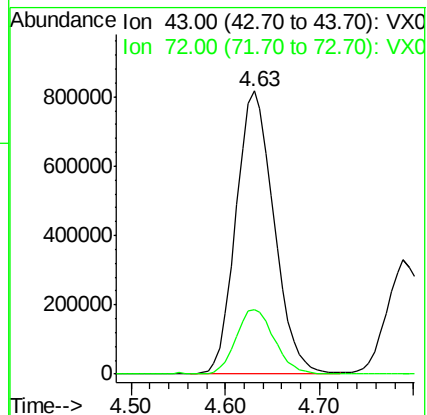
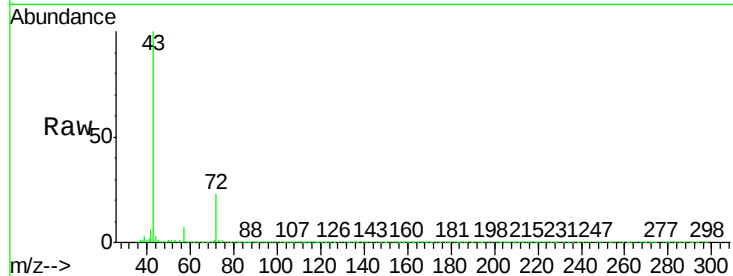
VSTDCCC050

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#26

2,2-Dichloropropane

Concen: 50.163 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015423.D

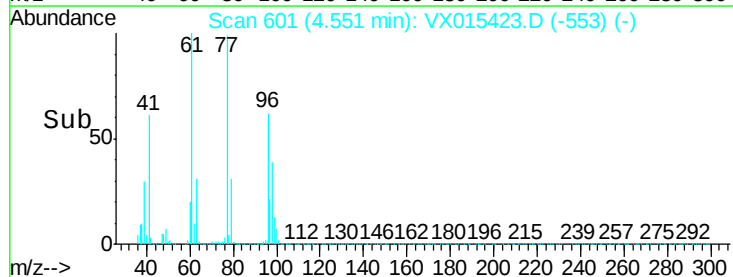
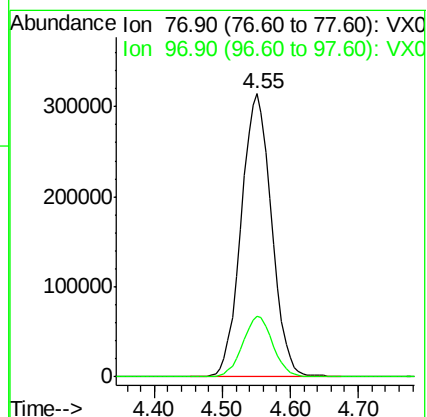
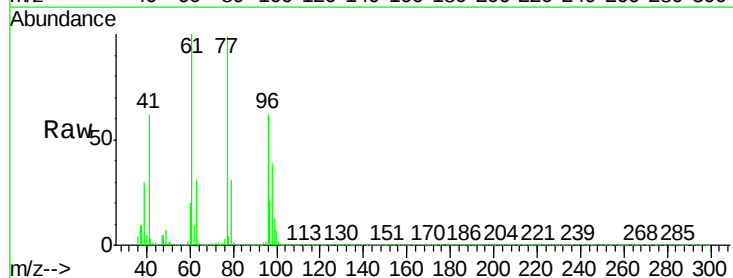
Acq: 30 Mar 2020 12:49

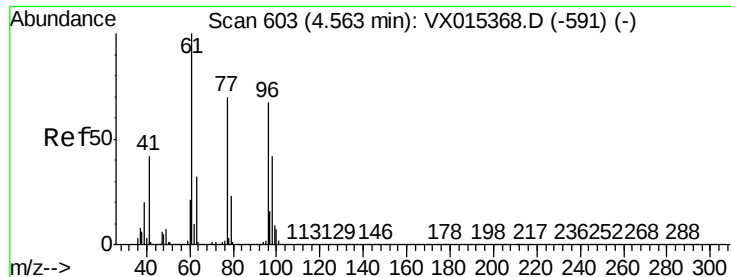
Tgt Ion: 77 Resp: 971152

Ion Ratio Lower Upper

77 100

97 21.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 46.003 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX015423.D

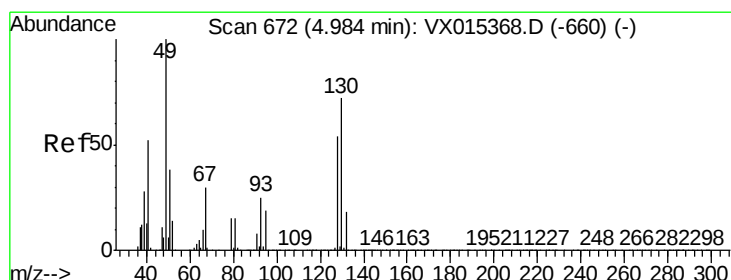
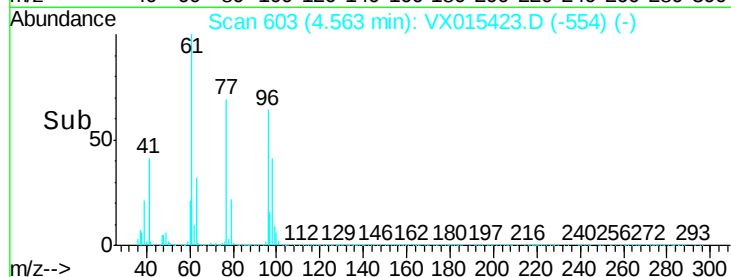
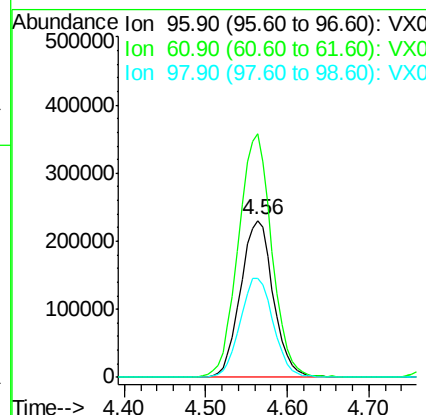
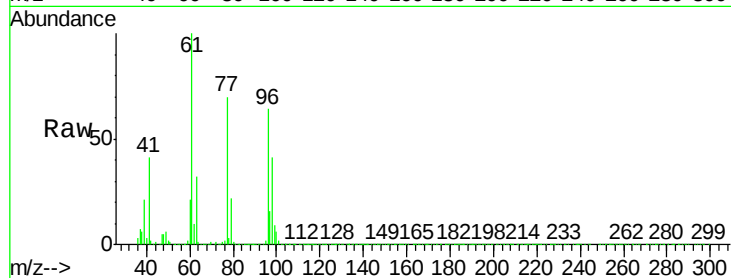
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	639070		
61	160.1	0.0	308.4	
98	64.5	0.0	129.2	

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#28

Bromochloromethane

Concen: 46.264 ug/l

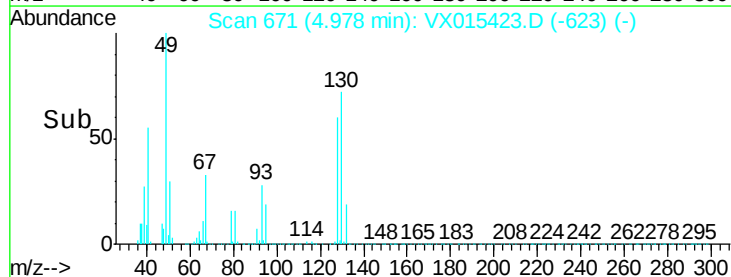
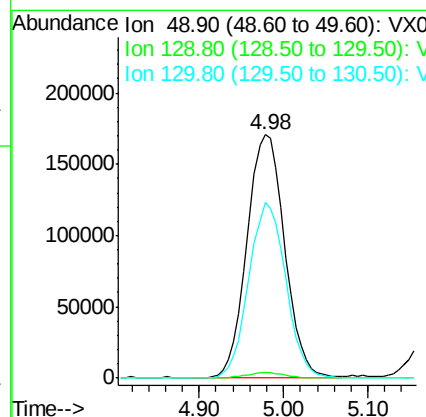
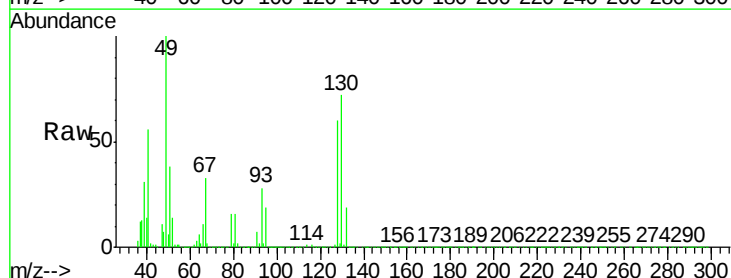
RT: 4.98 min Scan# 671

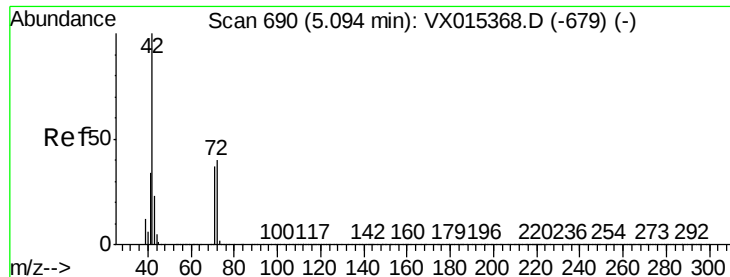
Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	520986		
129	2.4	0.0	4.4	
130	70.2	57.7	86.5	





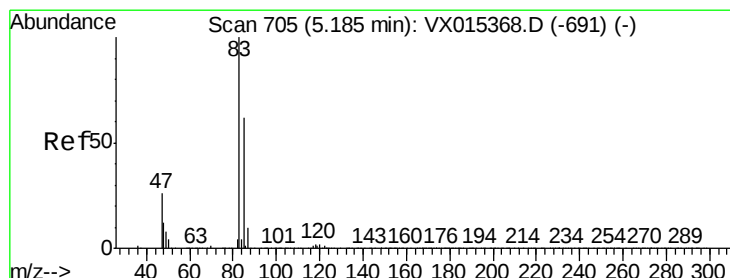
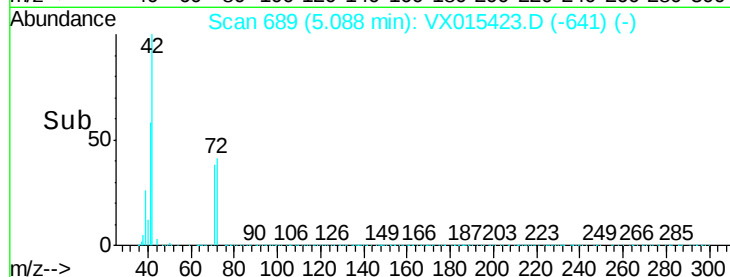
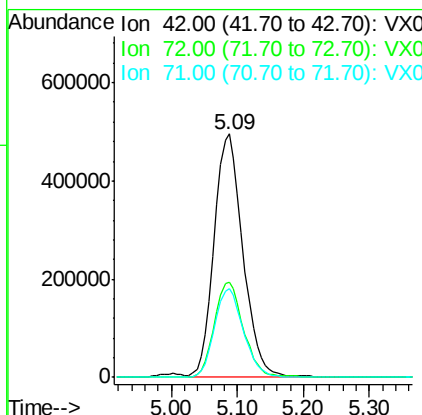
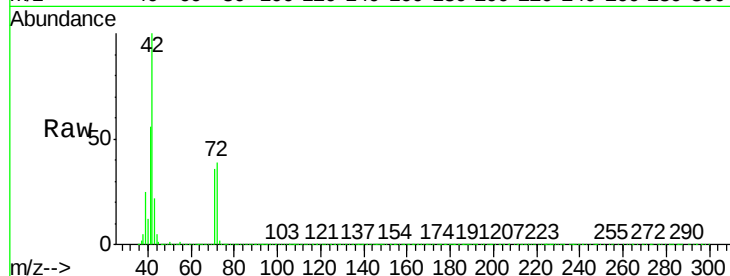
#29
Tetrahydrofuran
Concen: 207.441 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 1489268
Ion Ratio Lower Upper
42 100
72 39.7 31.7 47.5
71 36.7 29.6 44.4

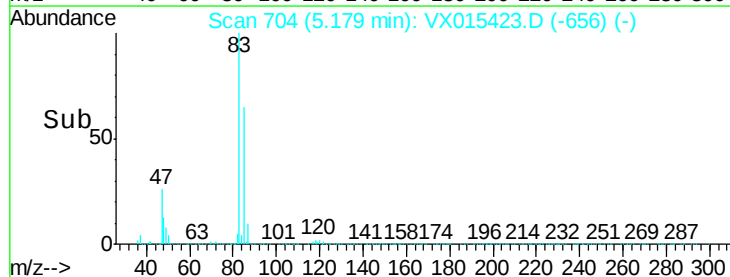
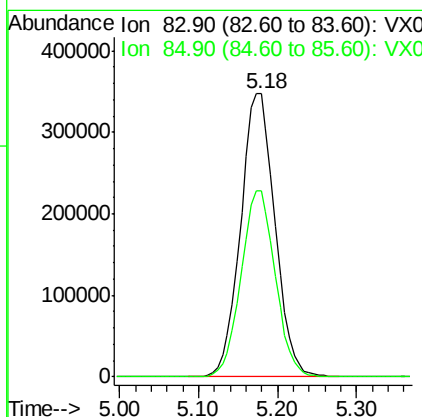
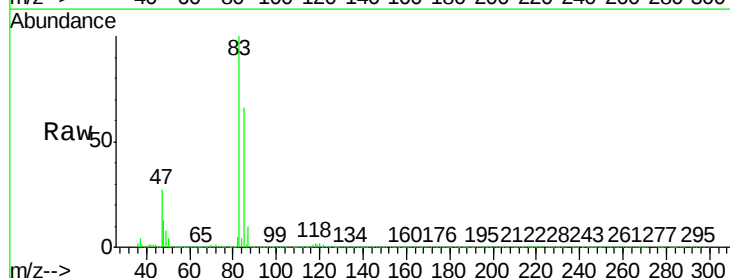
Manual Integrations
APPROVED

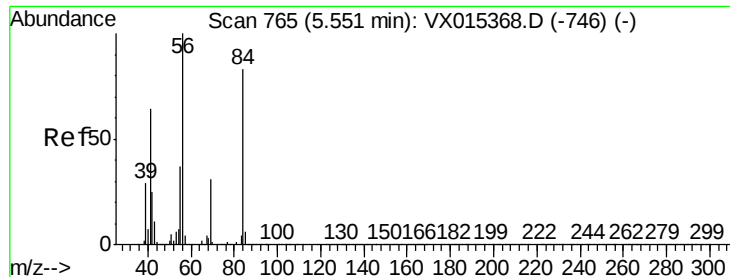
apatel
3/31/2020 11:05:21 AM



#30
Chloroform
Concen: 46.218 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 83 Resp: 1048773
Ion Ratio Lower Upper
83 100
85 65.8 49.5 74.3





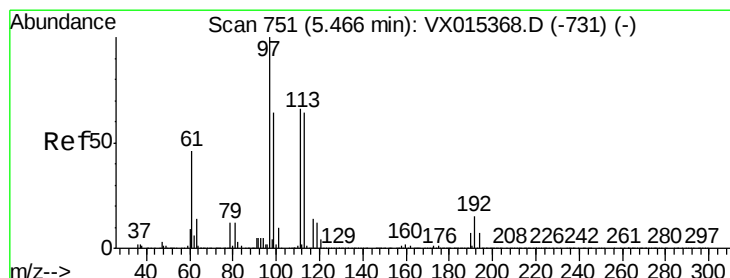
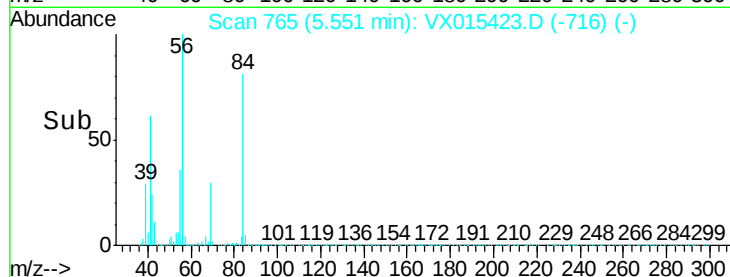
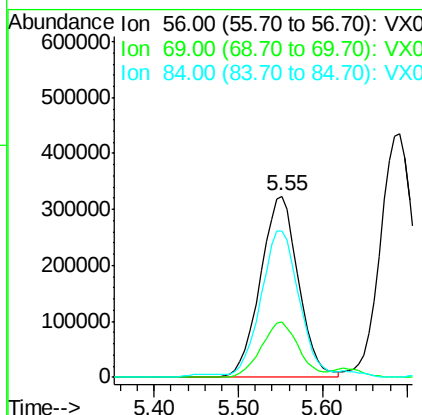
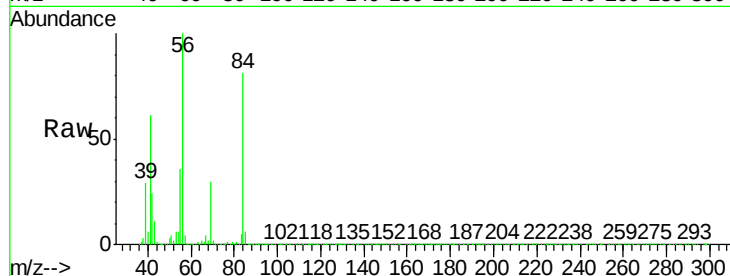
#31
Cvclohexane
Concen: 49.059 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.6	36.8
84	79.6	66.1	99.1

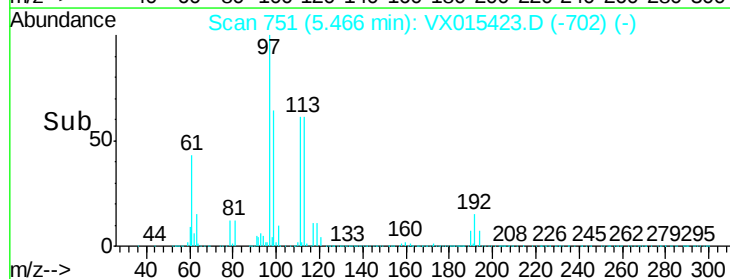
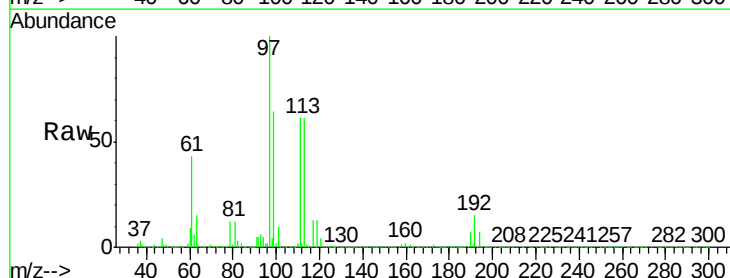
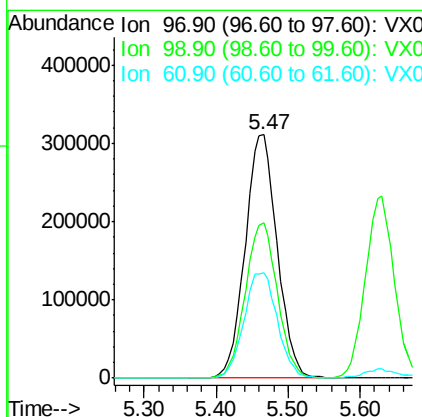
Manual Integrations
APPROVED

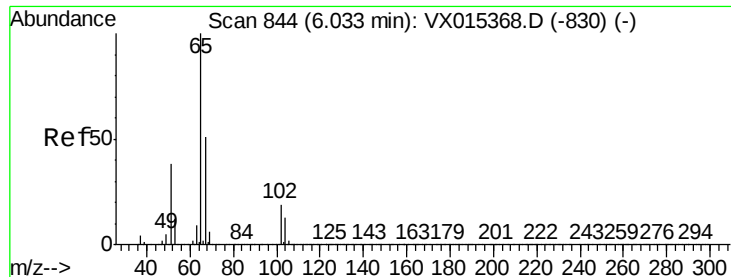
apatel
3/31/2020 11:05:21 AM



#32
1,1,1-Trichloroethane
Concen: 46.671 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.4
61	45.1	36.1	54.1





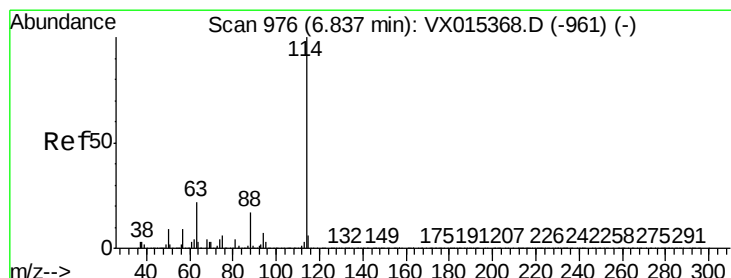
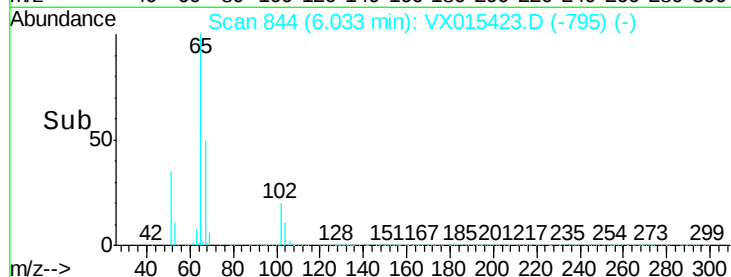
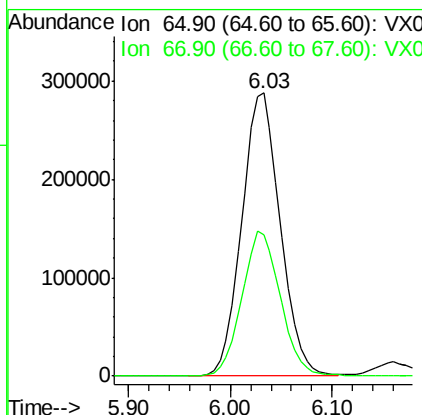
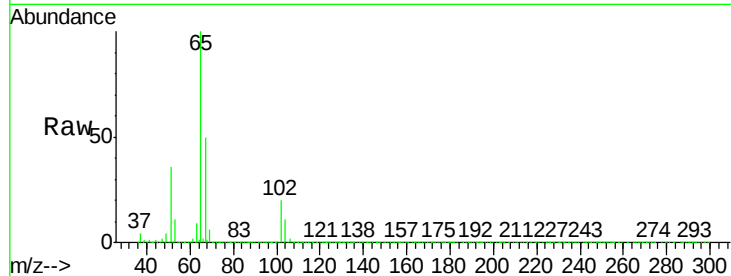
#33
 1,2-Dichloroethane-d4
 Concen: 46.597 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.6

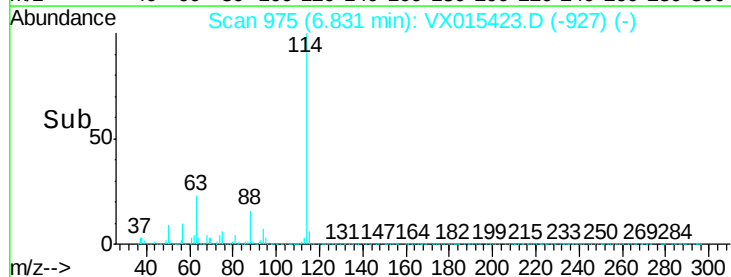
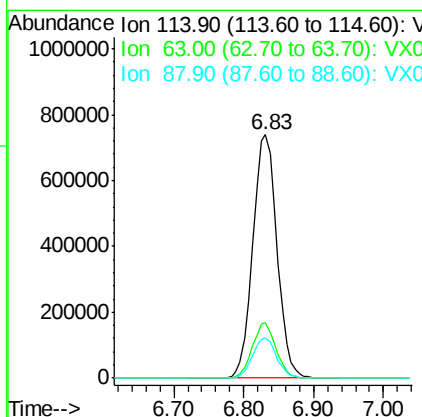
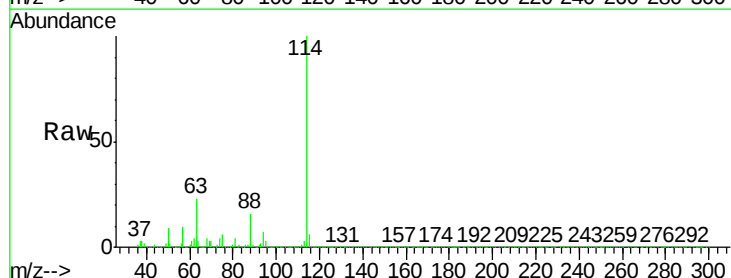
Manual Integrations
 APPROVED

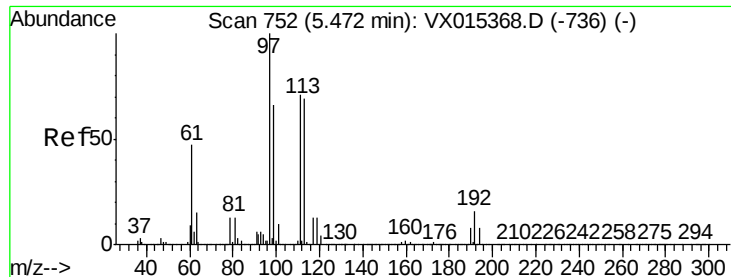
apatel
 3/31/2020 11:05:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.2
88	16.4	0.0	33.8





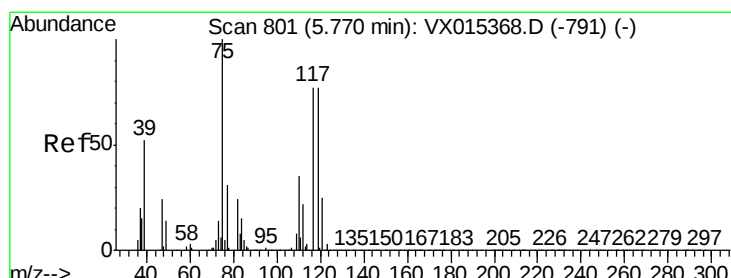
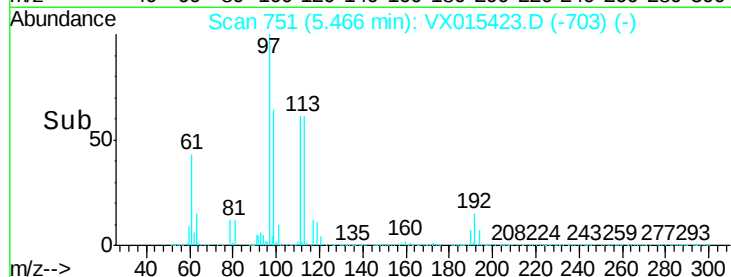
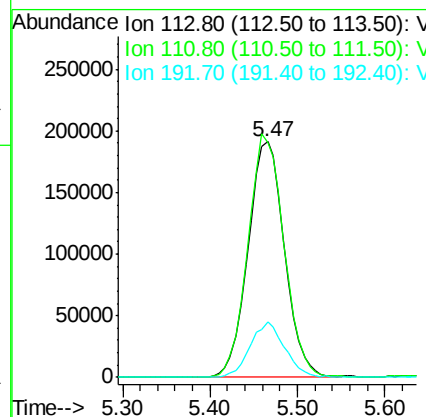
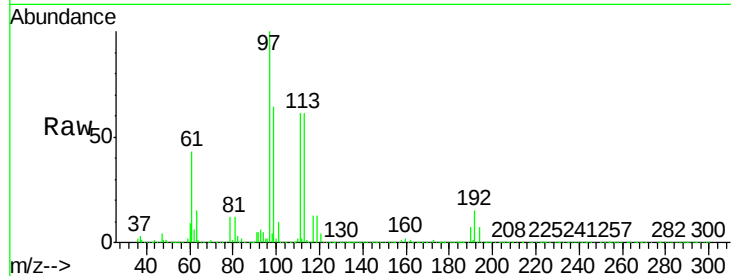
#35
 Dibromofluoromethane
 Concen: 48.838 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	552791		
111	101.7	81.5	122.3	
192	22.3	17.8	26.6	

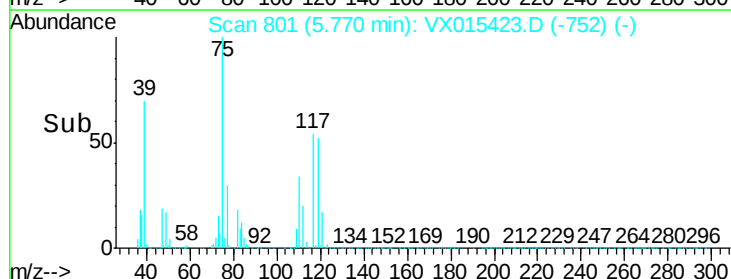
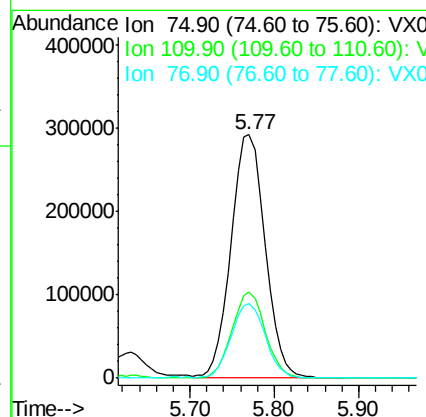
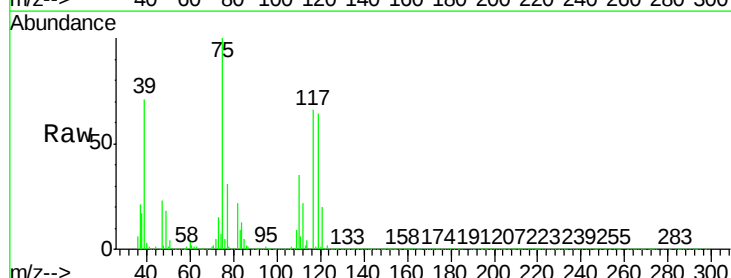
Manual Integrations
 APPROVED

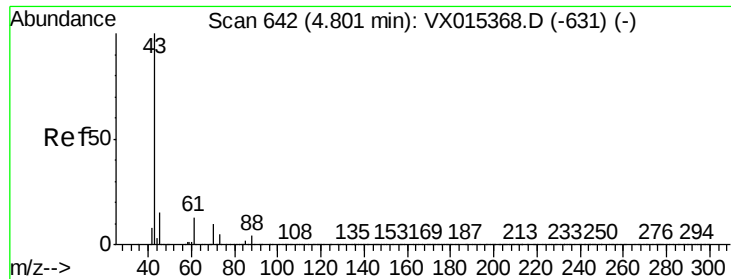
apatel
 3/31/2020 11:05:21 AM



#36
 1,1-Dichloropropene
 Concen: 48.845 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	796904		
110	34.5	17.1	51.3	
77	30.3	24.6	36.8	





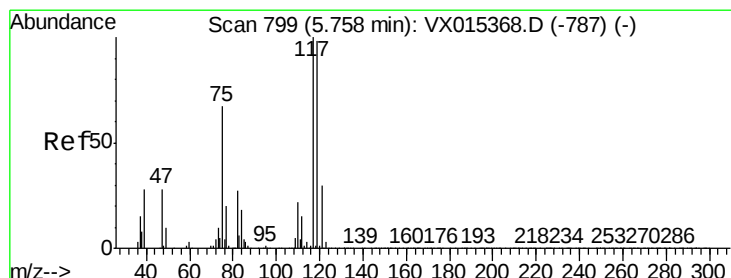
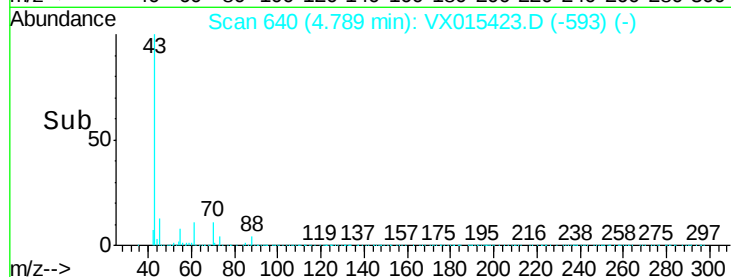
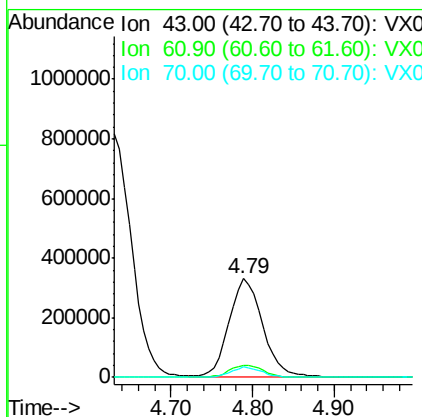
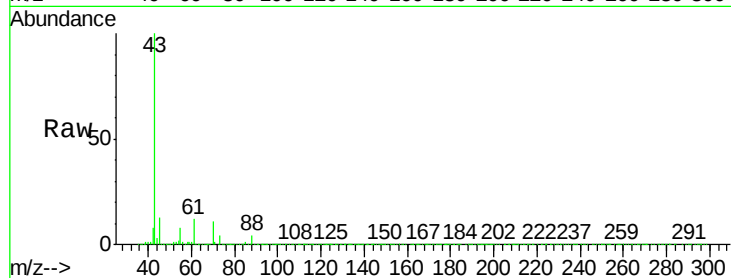
#37
Ethyl Acetate
Concen: 43.914 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

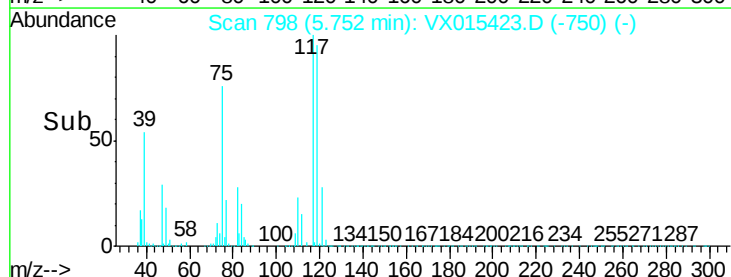
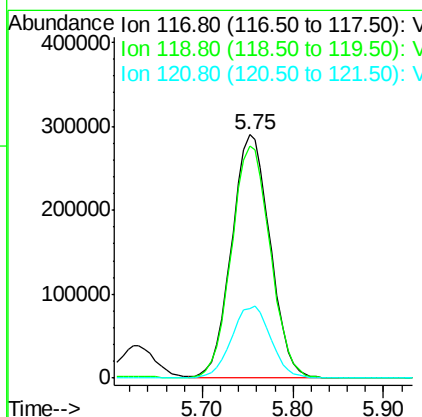
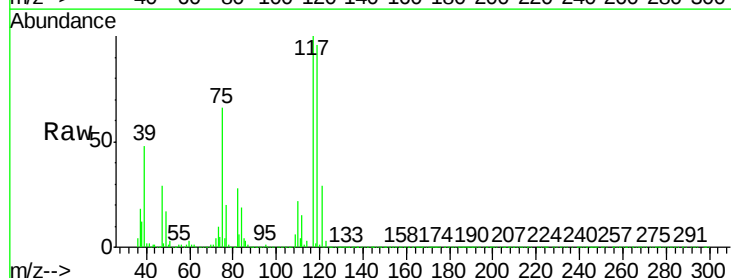
Manual Integrations
APPROVED

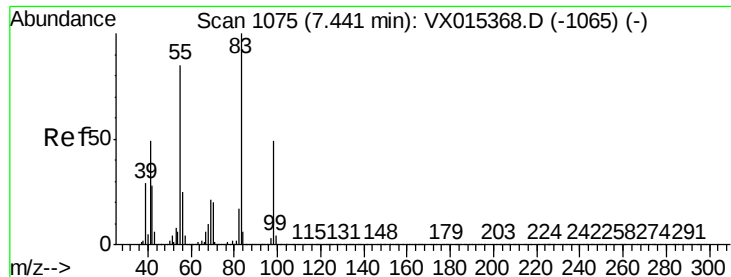
apatel
3/31/2020 11:05:21 AM



#38
Carbon Tetrachloride
Concen: 48.069 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.0	117.0
121	28.5	23.8	35.8





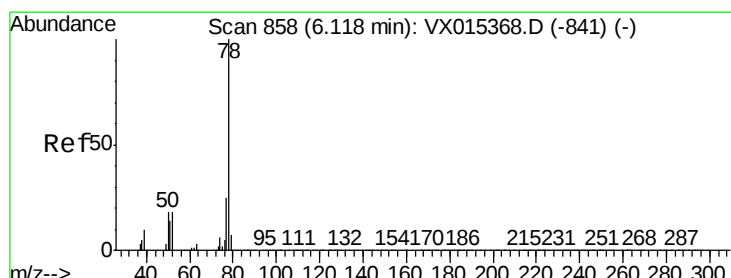
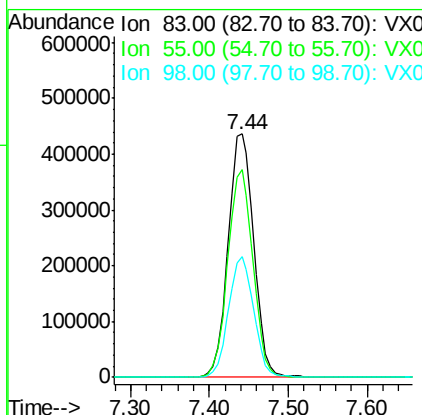
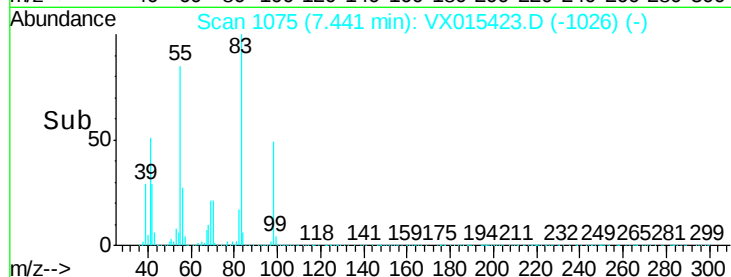
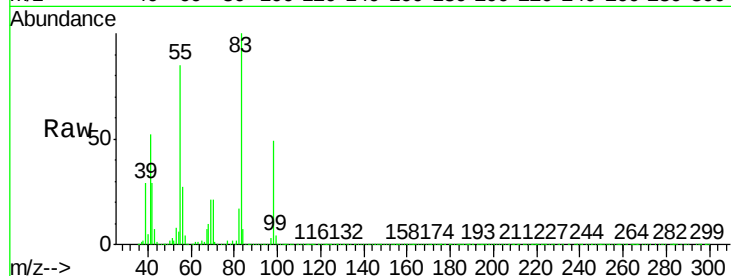
#39
Methvlcvclohexane
Concen: 52.116 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.1	67.8	101.6
98	49.4	39.3	58.9

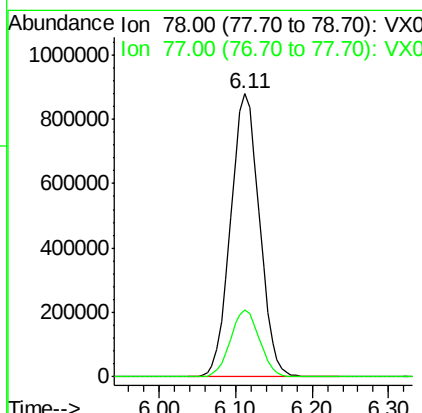
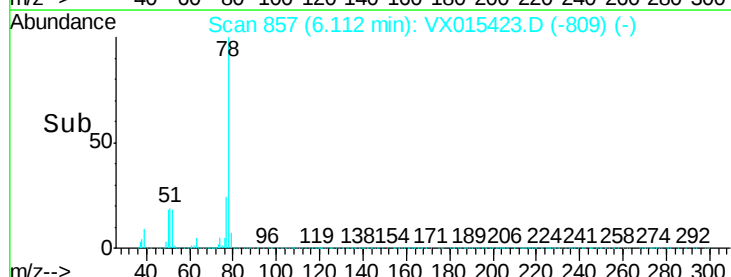
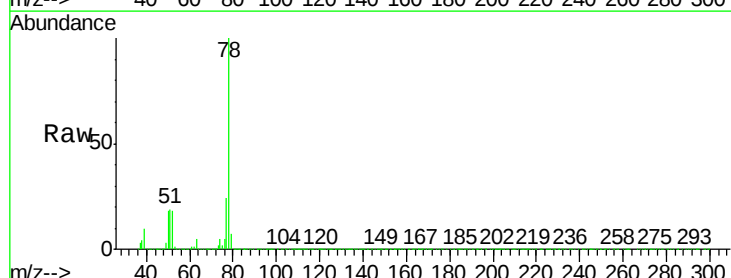
Manual Integrations
APPROVED

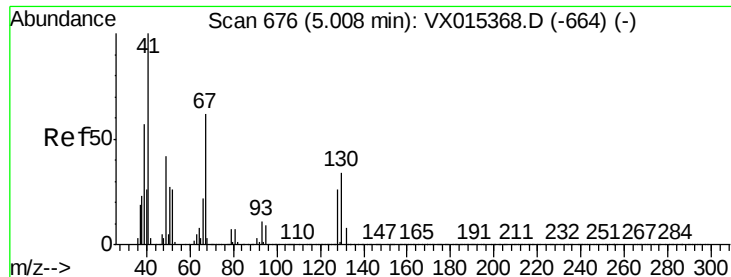
apatel
3/31/2020 11:05:21 AM



#40
Benzene
Concen: 48.066 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.8	29.8





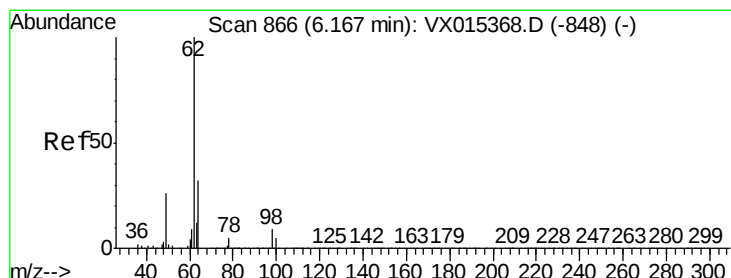
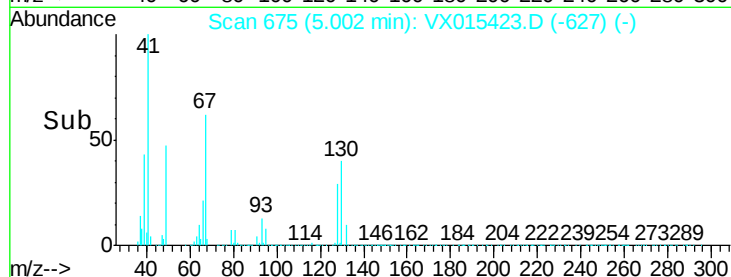
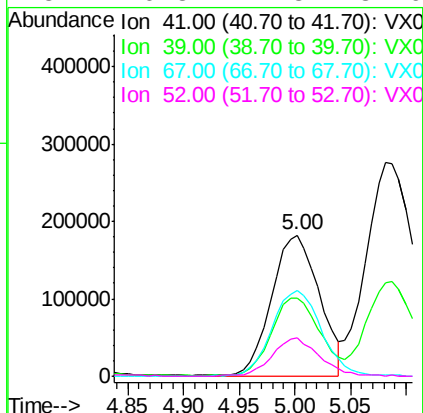
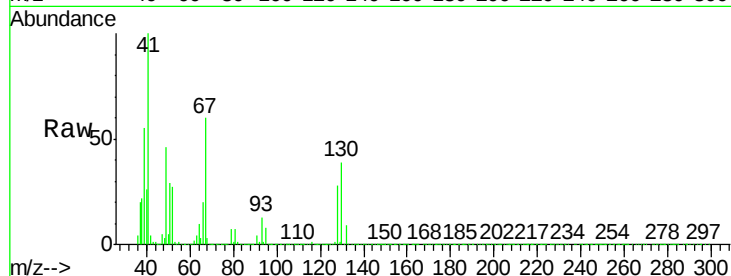
#41
Methacrylonitrile
Concen: 45.774 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.5	66.7
67	63.0	48.9	73.3
52	26.8	21.8	32.6

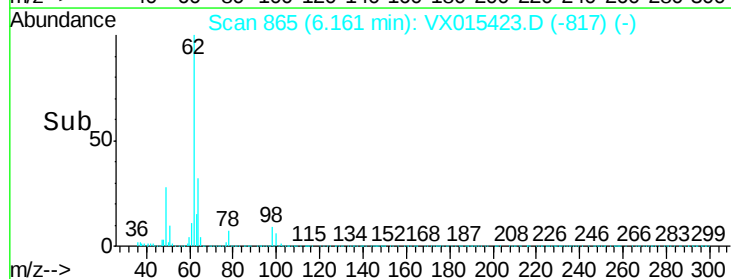
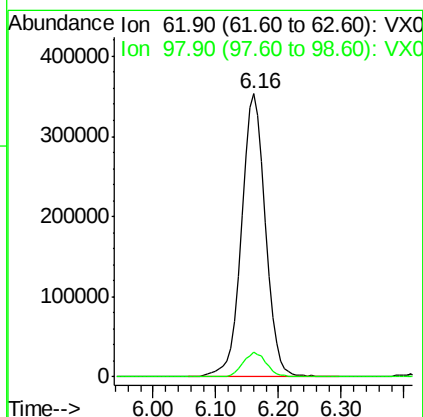
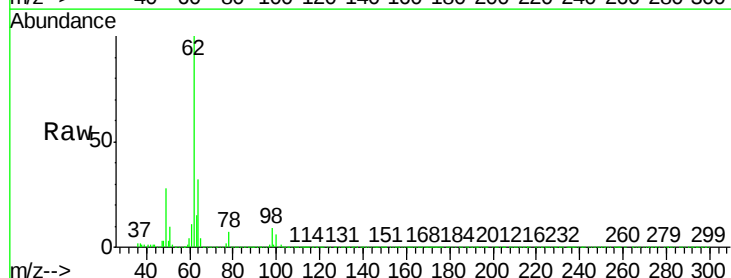
Manual Integrations
APPROVED

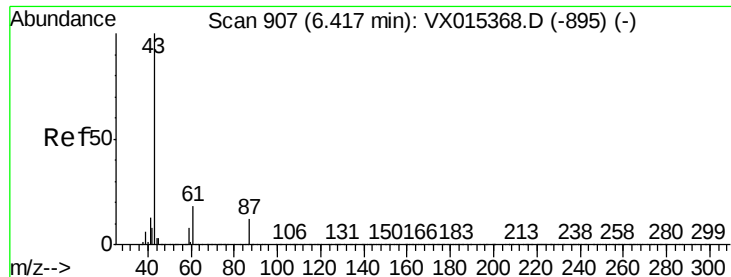
apatel
3/31/2020 11:05:21 AM



#42
1,2-Dichloroethane
Concen: 48.226 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

Isopropyl Acetate

Concen: 45.766 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1641199

Ion Ratio Lower Upper

43 100

61 18.7 14.8 22.2

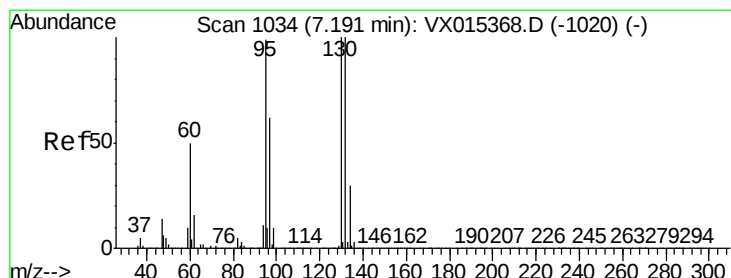
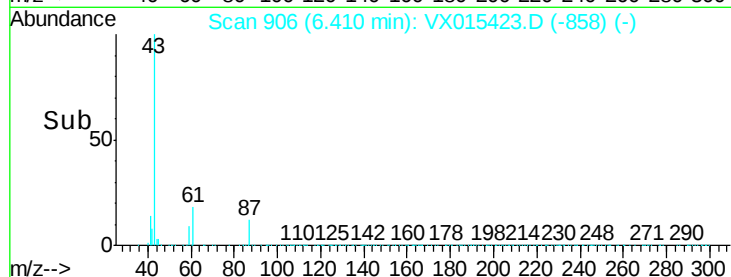
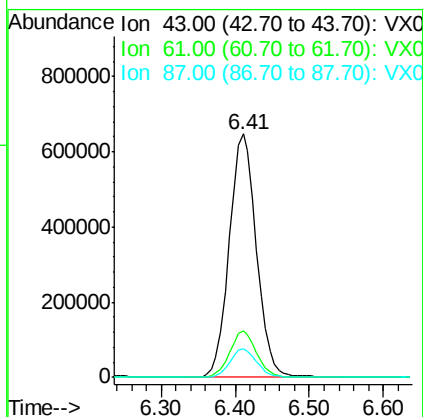
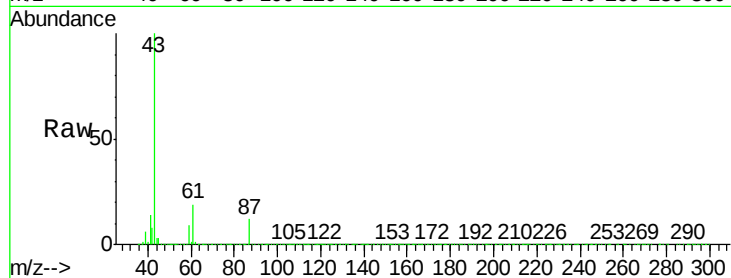
87 11.6 9.4 14.0

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#44

Trichloroethene

Concen: 48.882 ug/l

RT: 7.18 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX015423.D

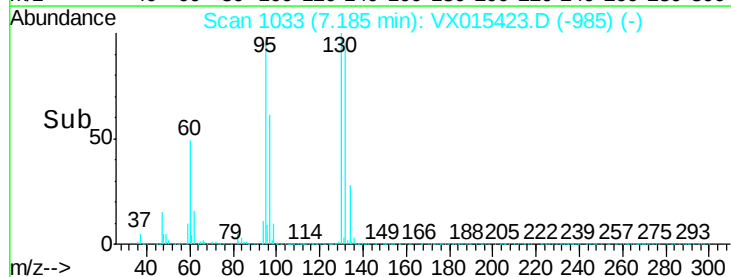
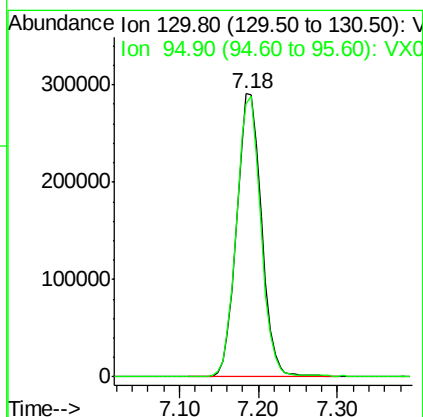
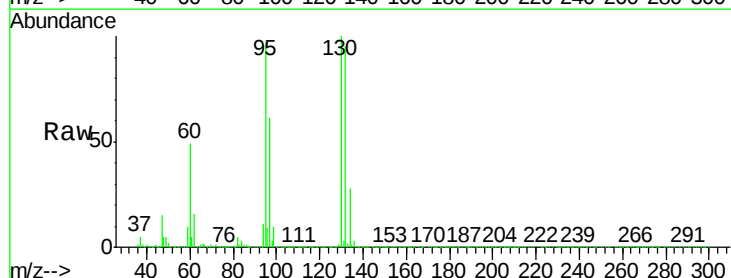
Acq: 30 Mar 2020 12:49

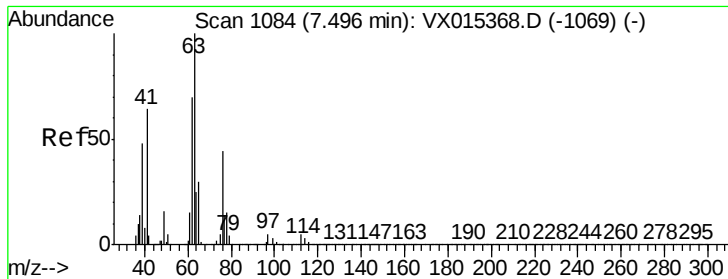
Tgt Ion: 130 Resp: 637128

Ion Ratio Lower Upper

130 100

95 96.6 0.0 199.0





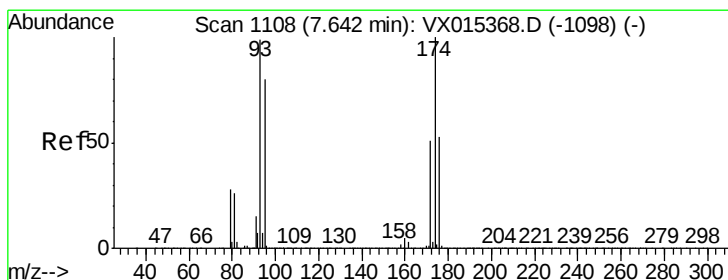
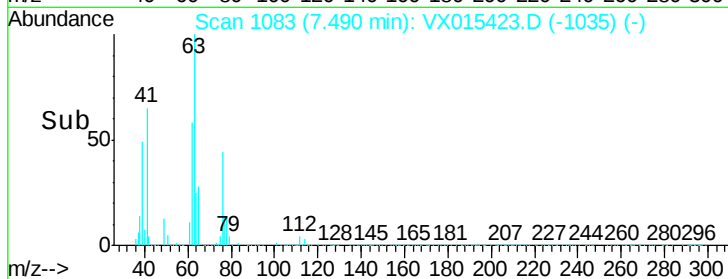
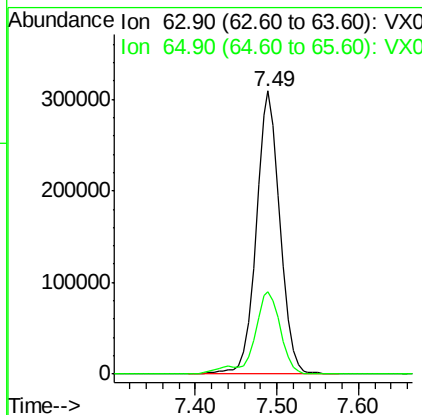
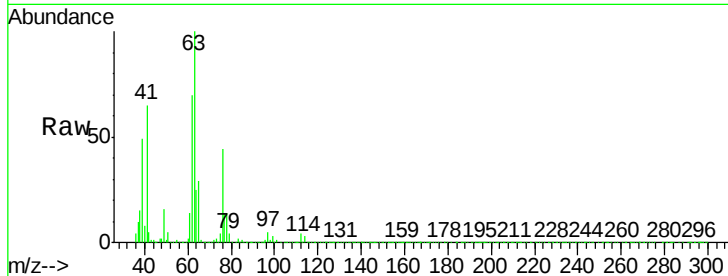
#45
 1,2-Dichloropropane
 Concen: 47.858 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	23.9	35.9

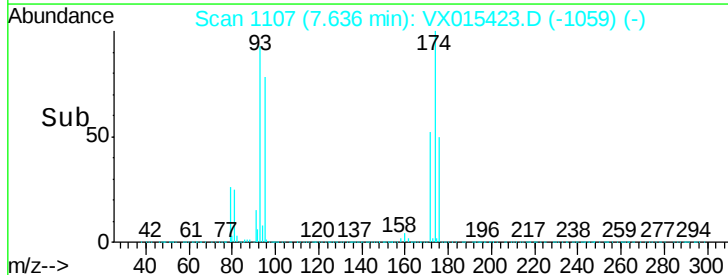
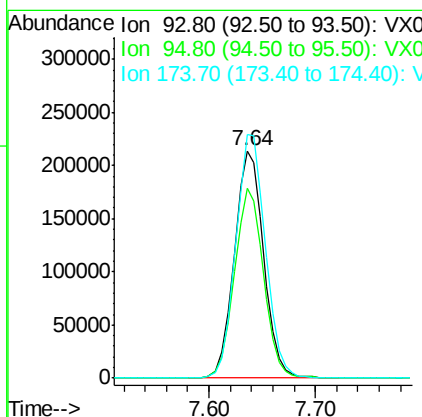
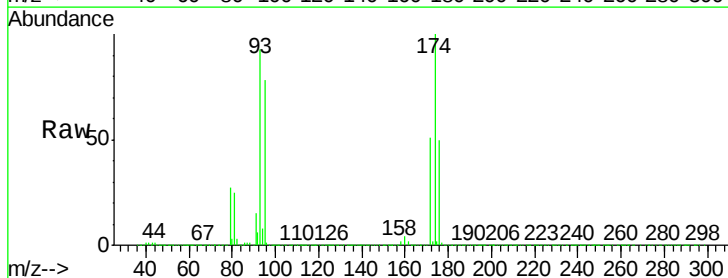
Manual Integrations
 APPROVED

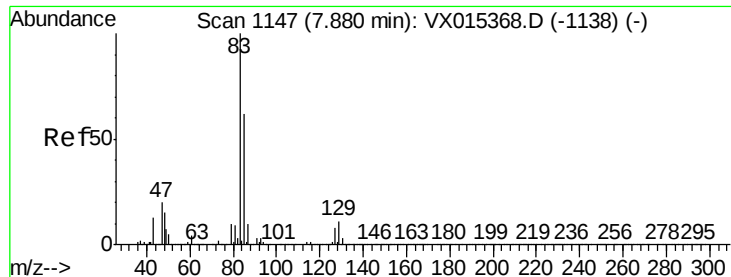
apatel
 3/31/2020 11:05:21 AM



#46
 Dibromomethane
 Concen: 47.928 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.8	98.8
174	109.2	86.2	129.2





#47

Bromodichloromethane

Concen: 48.399 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

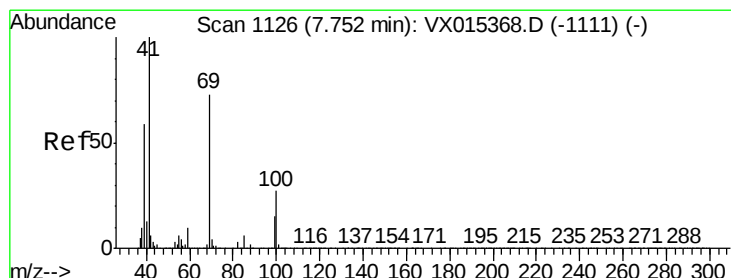
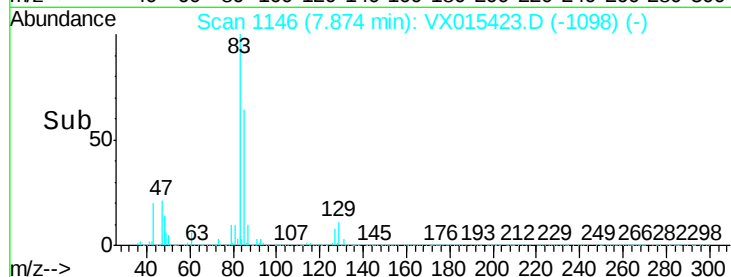
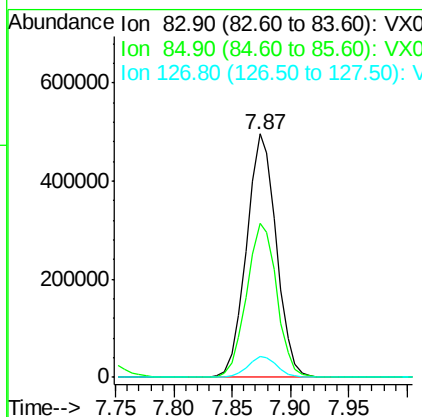
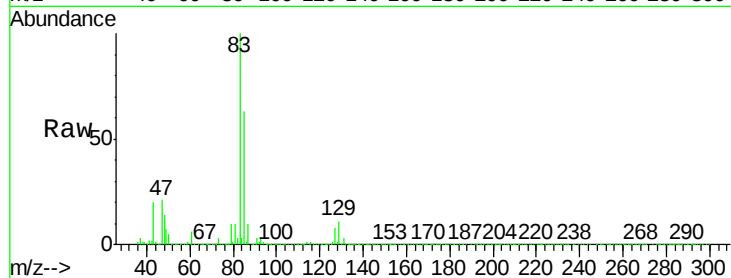
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	884450
Ion Ratio	Lower	Upper	
83	100		
85	63.4	49.7	74.5
127	8.4	6.7	10.1

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#48

Methyl methacrylate

Concen: 46.091 ug/l

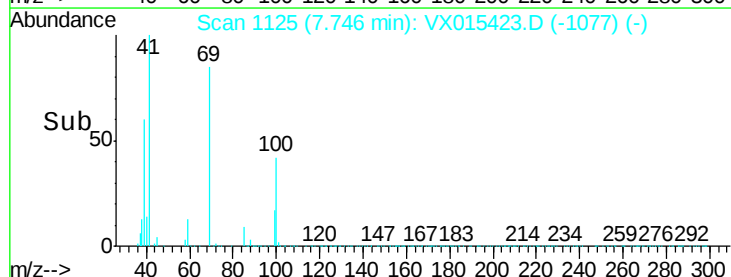
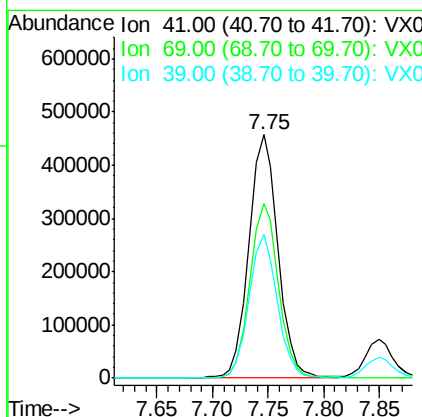
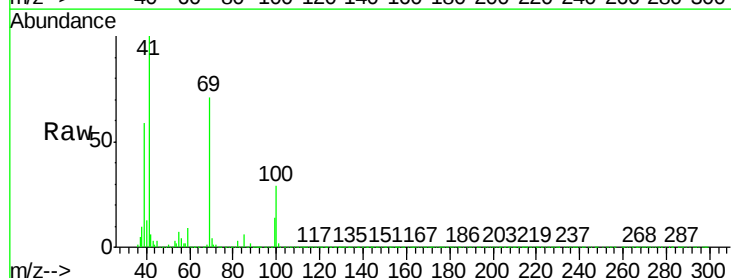
RT: 7.75 min Scan# 1125

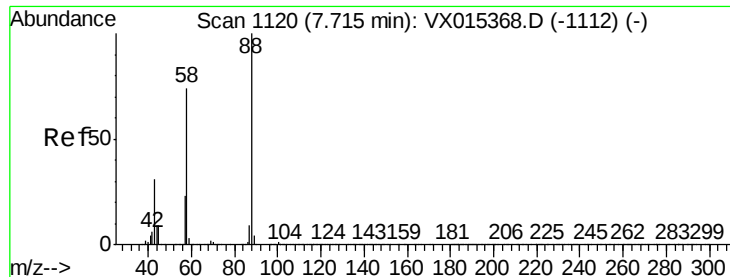
Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion:	41	Resp:	825583
Ion Ratio	Lower	Upper	
41	100		
69	71.5	56.7	85.1
39	57.5	46.5	69.7





#49

1,4-Dioxane

Concen: 742.536 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

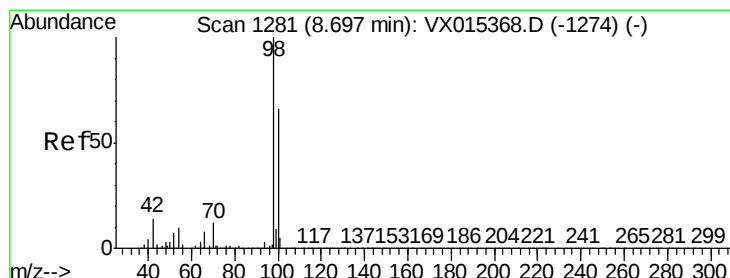
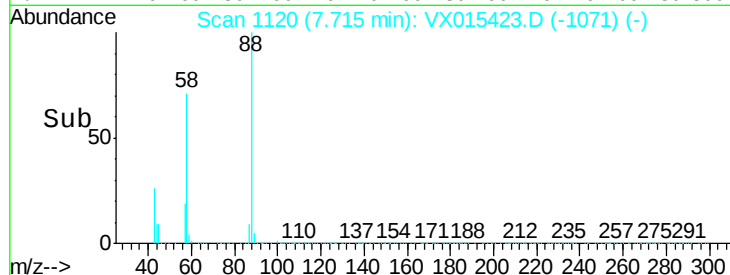
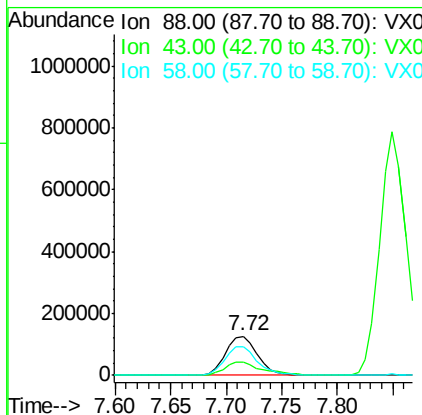
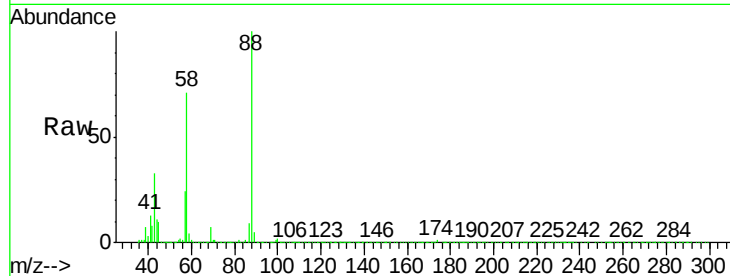
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	248119
Ion Ratio	Lower	Upper	
88	100		
43	40.0	30.1	45.1
58	76.6	60.6	90.8

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#50

Toluene-d8

Concen: 48.447 ug/l

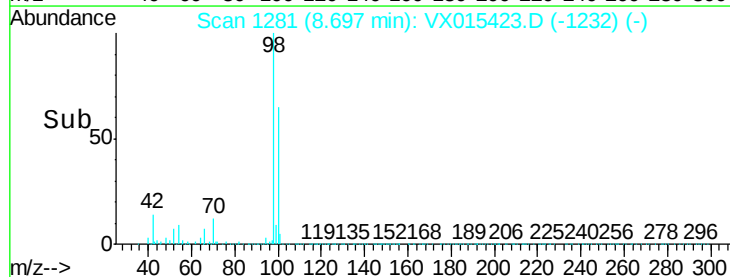
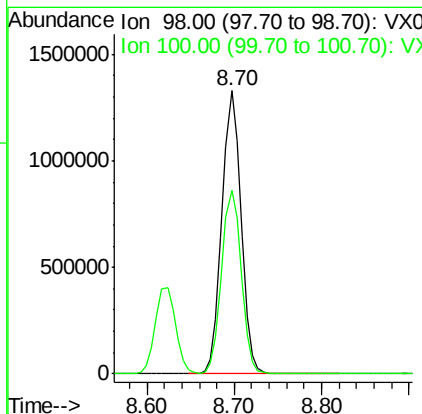
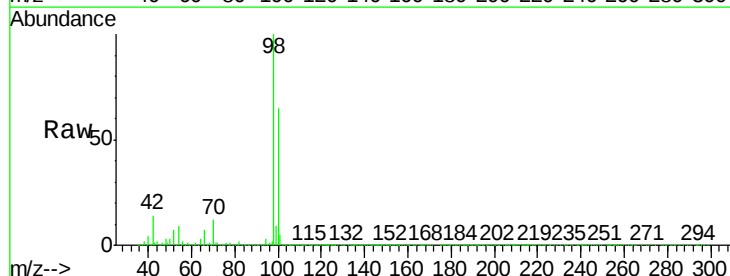
RT: 8.70 min Scan# 1281

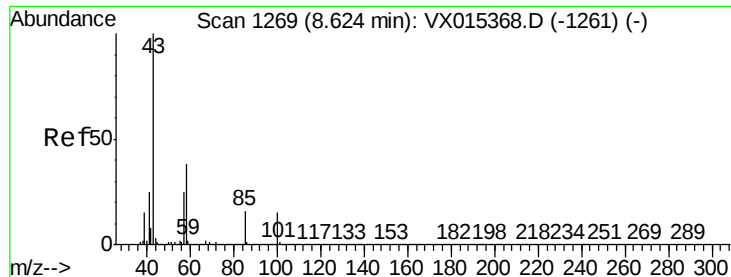
Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion:	98	Resp:	2018930
Ion Ratio	Lower	Upper	
98	100		
100	66.5	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 223.859 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4549526

Ion Ratio Lower Upper

43 100

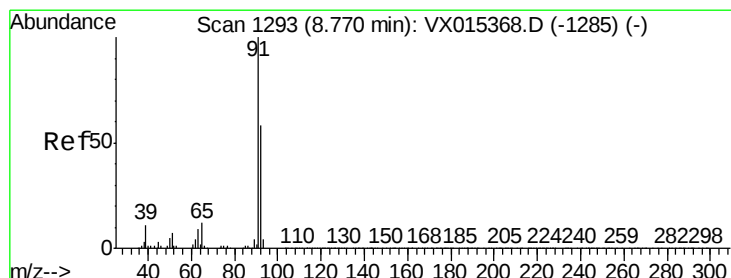
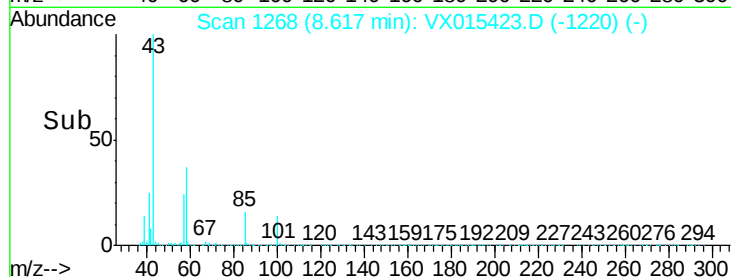
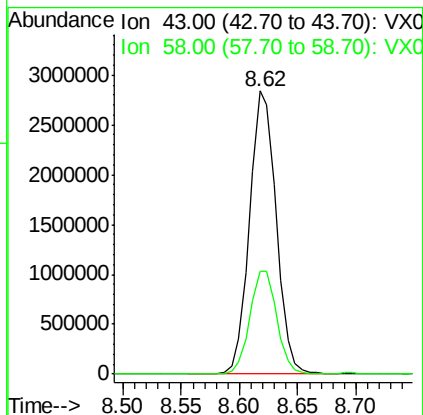
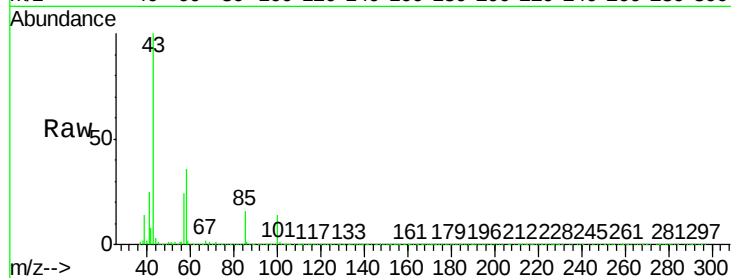
58 36.9 29.7 44.5

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#52

Toluene

Concen: 49.128 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015423.D

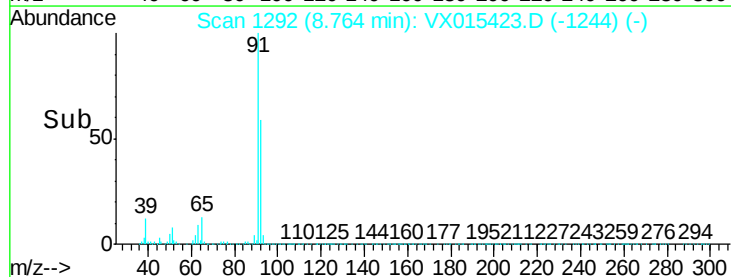
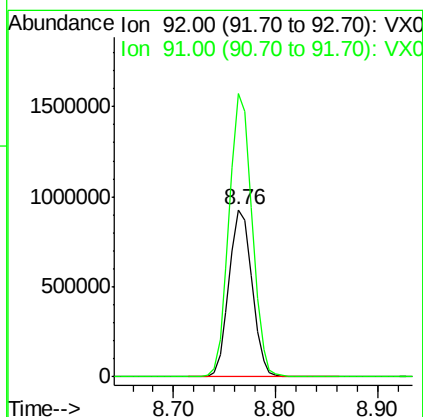
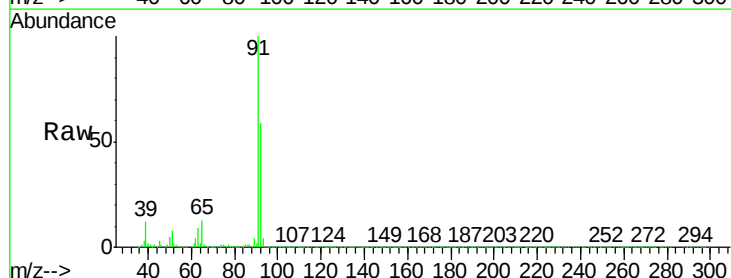
Acq: 30 Mar 2020 12:49

Tgt Ion: 92 Resp: 1447530

Ion Ratio Lower Upper

92 100

91 168.8 136.6 205.0





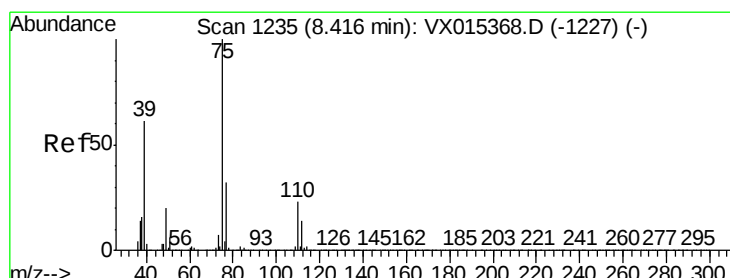
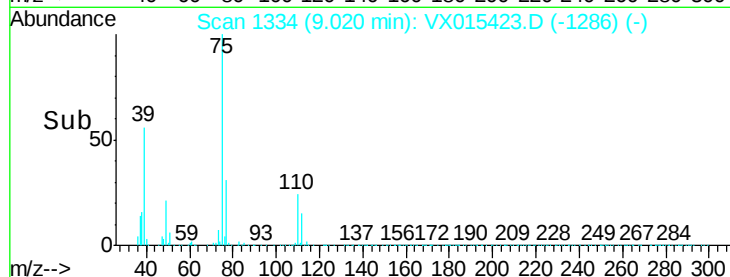
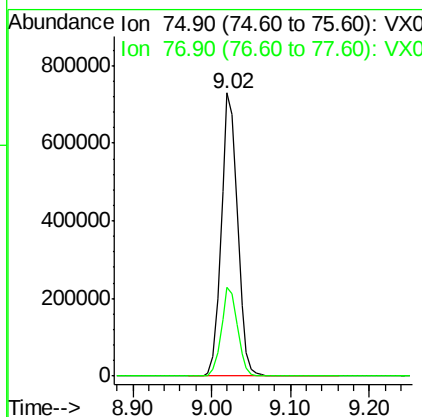
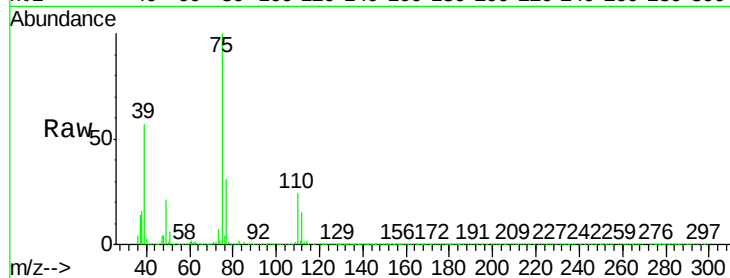
#53
t-1,3-Dichloropropene
Concen: 48.636 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 1042366
Ion Ratio Lower Upper
75 100
77 31.4 24.1 36.1

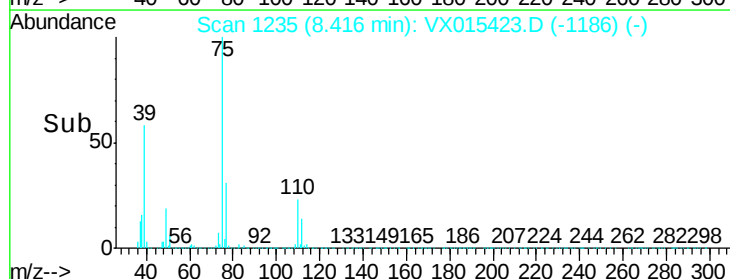
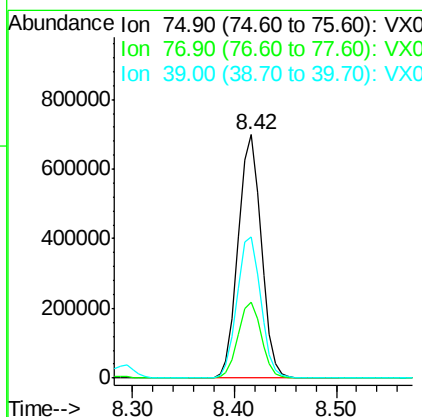
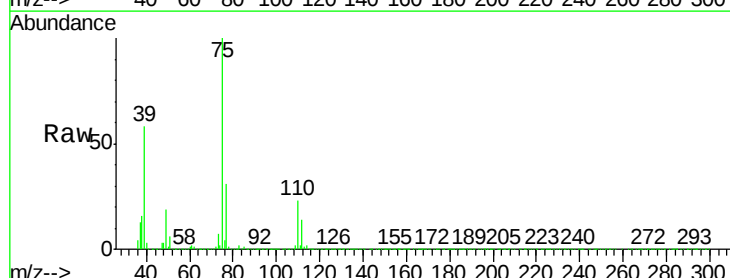
Manual Integrations
APPROVED

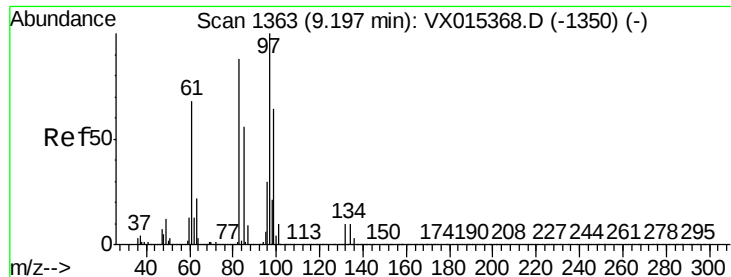
apatel
3/31/2020 11:05:21 AM



#54
cis-1,3-Dichloropropene
Concen: 50.026 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 75 Resp: 1092172
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6
39 57.7 49.0 73.4





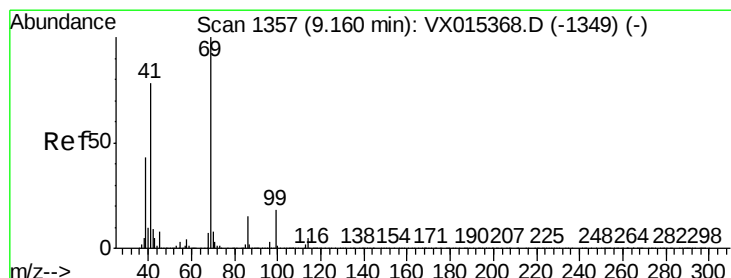
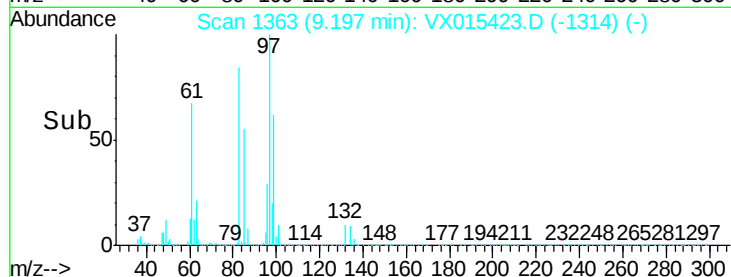
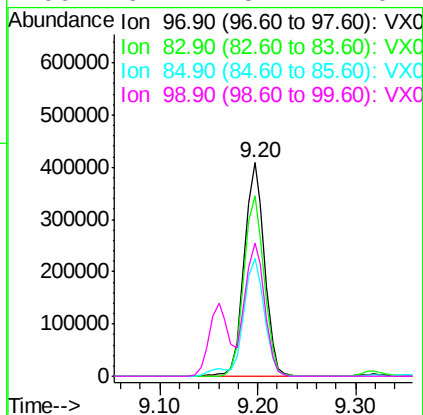
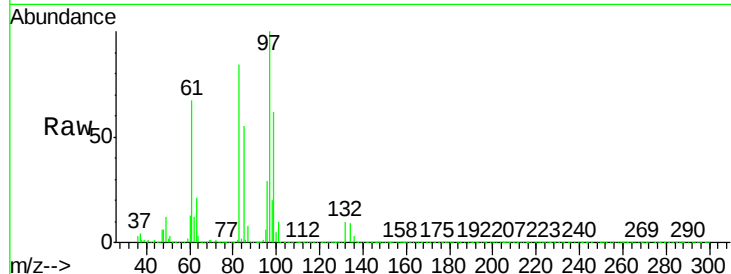
#55
 1,1,2-Trichloroethane
 Concen: 48.470 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		585123		
83	84.2	70.2	105.4		
85	55.1	44.7	67.1		
99	62.2	51.1	76.7		

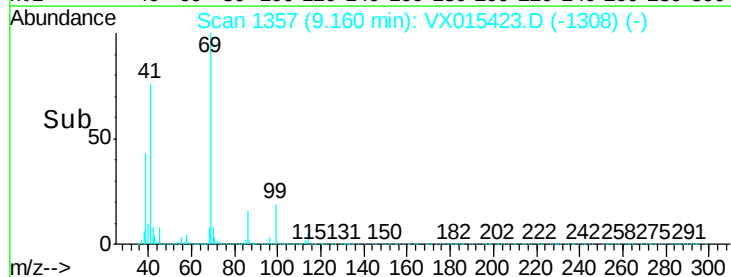
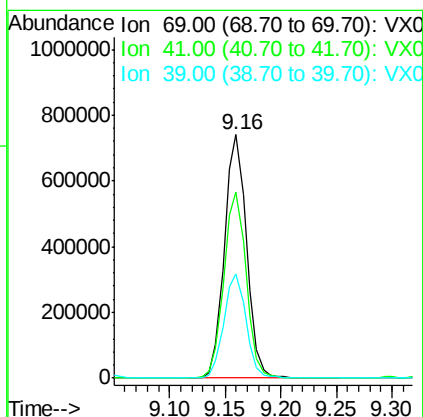
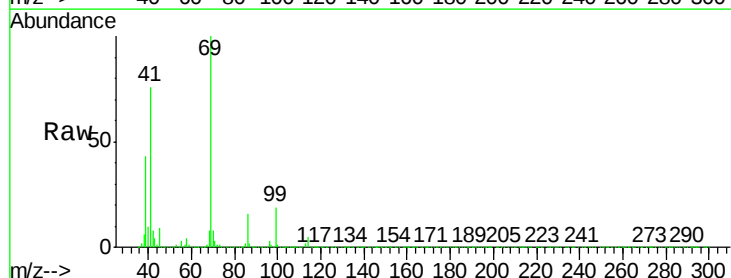
Manual Integrations
 APPROVED

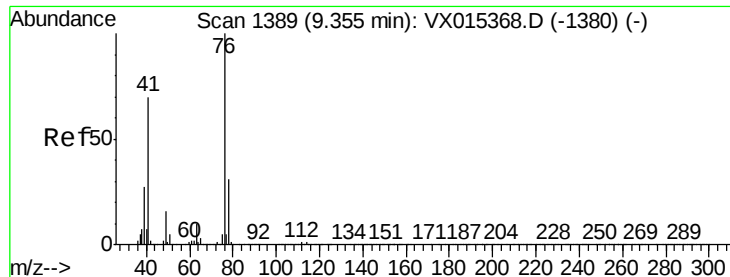
apatel
 3/31/2020 11:05:21 AM



#56
 Ethyl methacrylate
 Concen: 47.864 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		1018302		
41	76.8	61.6	92.4		
39	42.9	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 47.387 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1030651

Ion Ratio Lower Upper

76 100

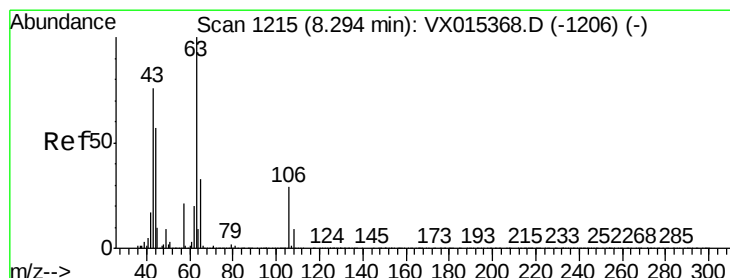
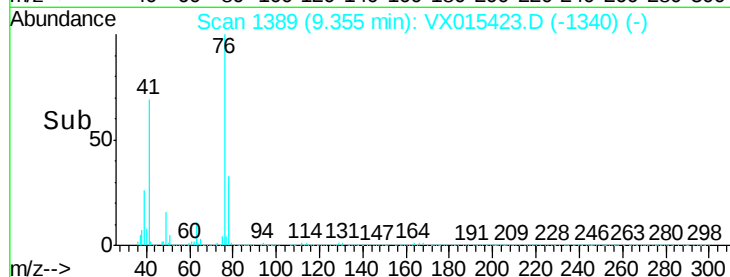
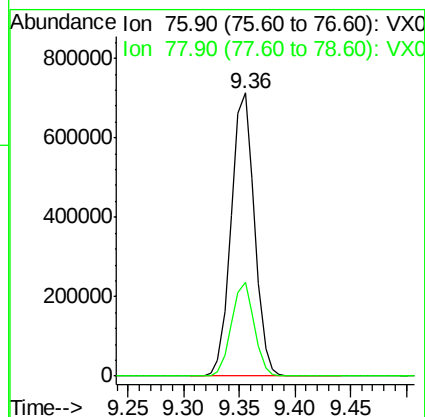
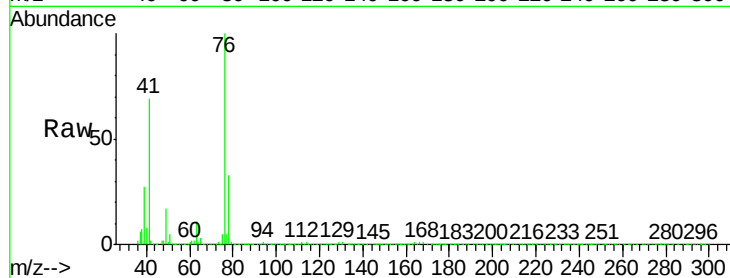
78 32.5 25.8 38.8

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#58

2-Chloroethyl Vinyl ether

Concen: 235.552 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015423.D

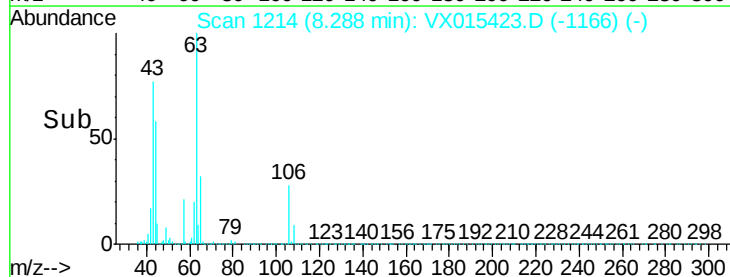
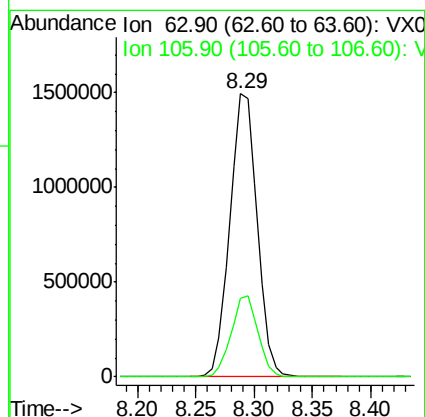
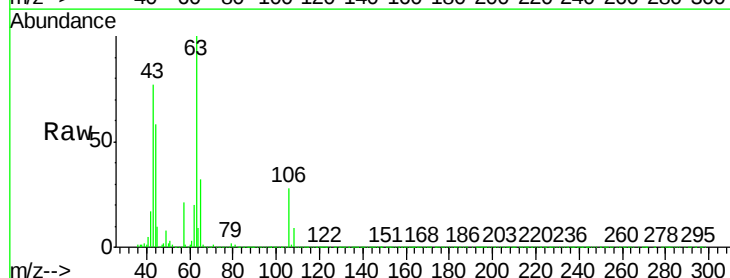
Acq: 30 Mar 2020 12:49

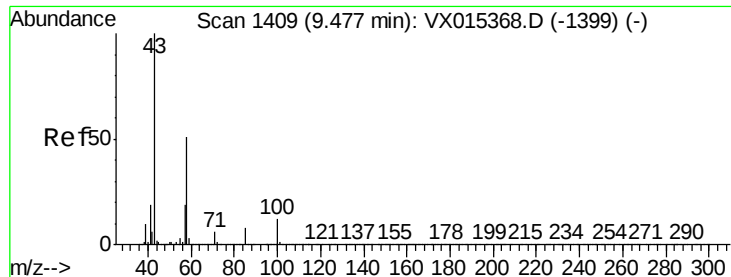
Tgt Ion: 63 Resp: 2437539

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1





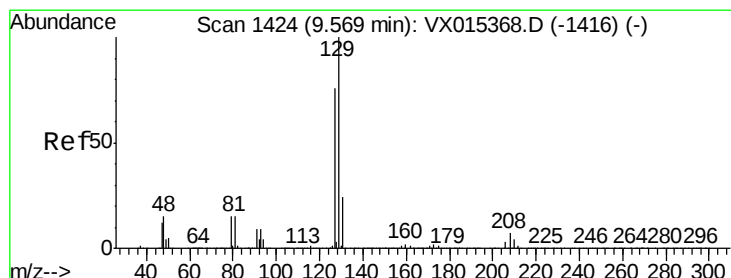
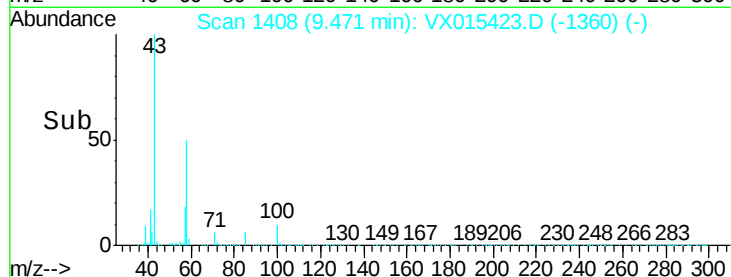
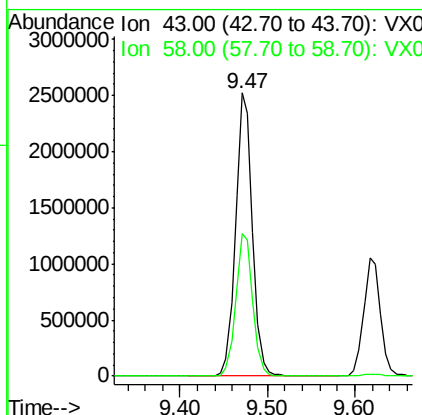
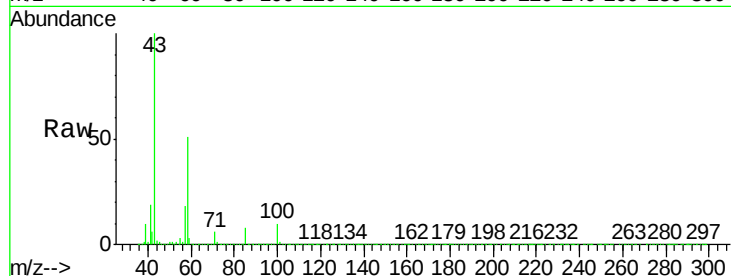
#59
2-Hexanone
Concen: 221.049 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3391678
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.6

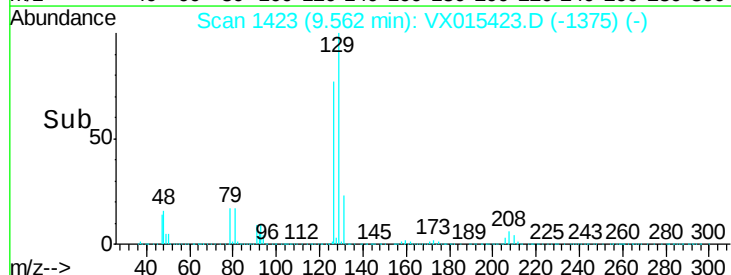
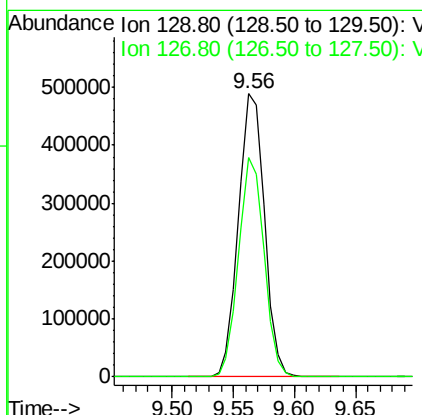
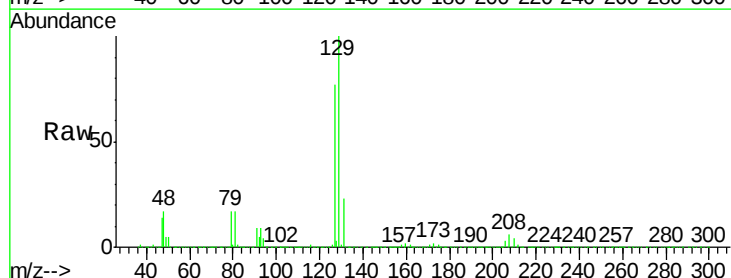
Manual Integrations
APPROVED

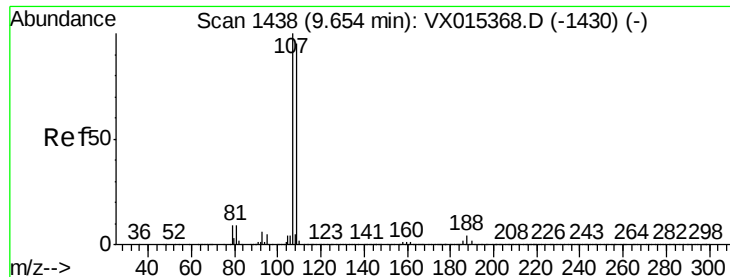
apatel
3/31/2020 11:05:21 AM



#60
Dibromochloromethane
Concen: 49.671 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 129 Resp: 720520
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6





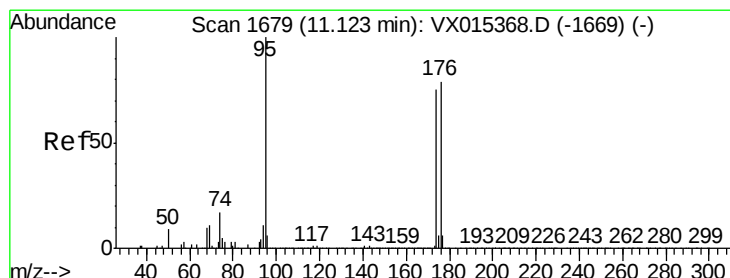
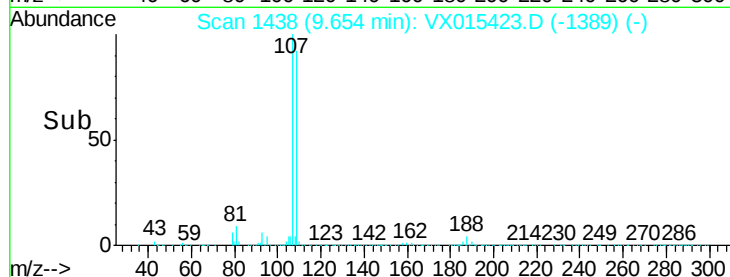
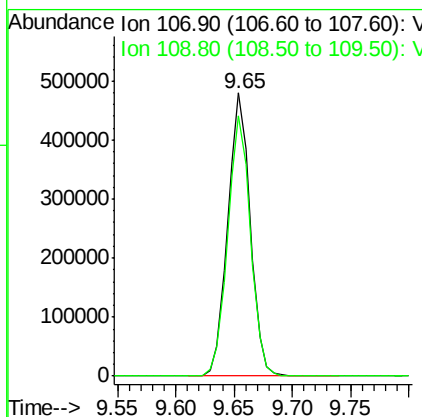
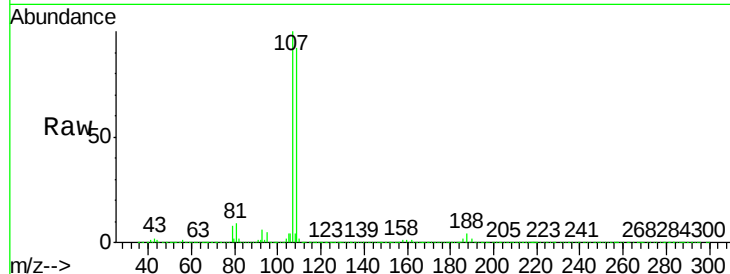
#61
 1,2-Dibromoethane
 Concen: 48.906 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.8	112.2

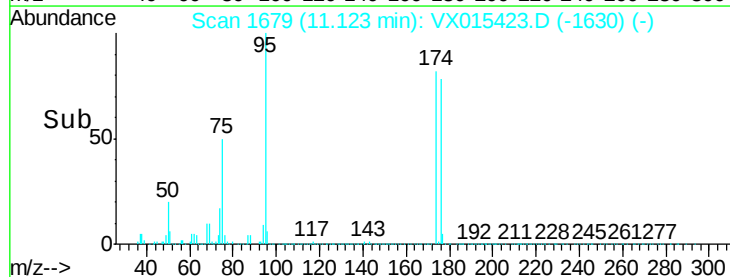
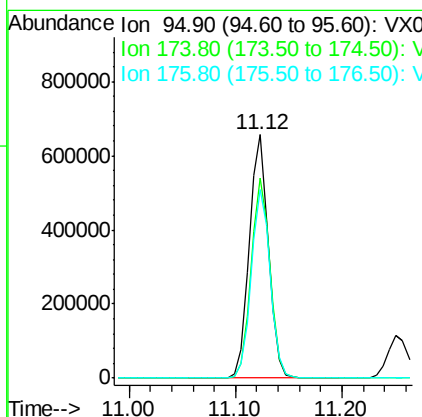
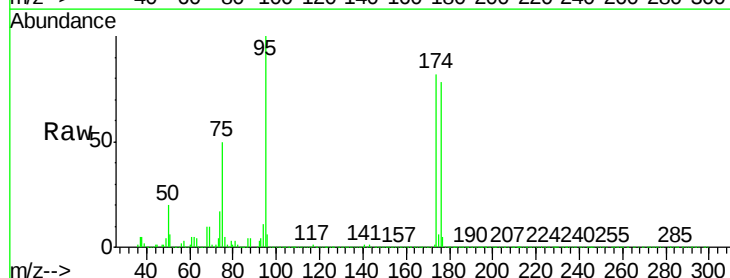
Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:21 AM



#62
 4-Bromofluorobenzene
 Concen: 48.654 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	158.6
176	77.6	0.0	159.0





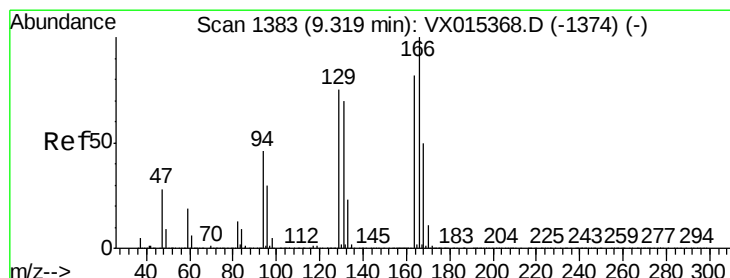
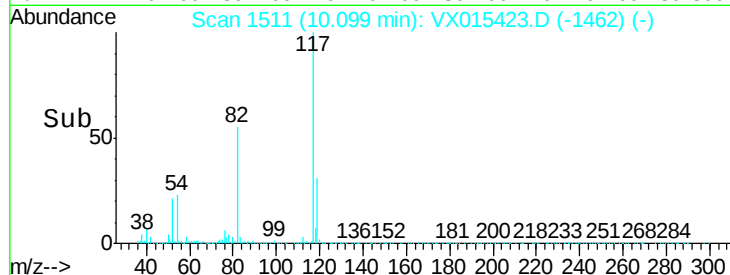
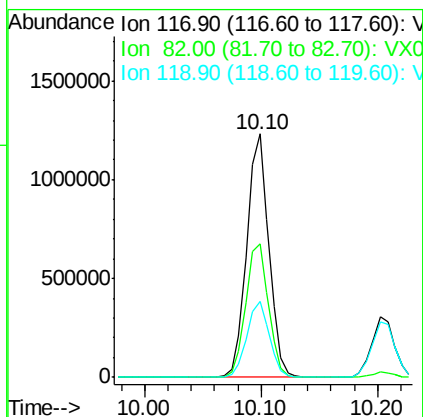
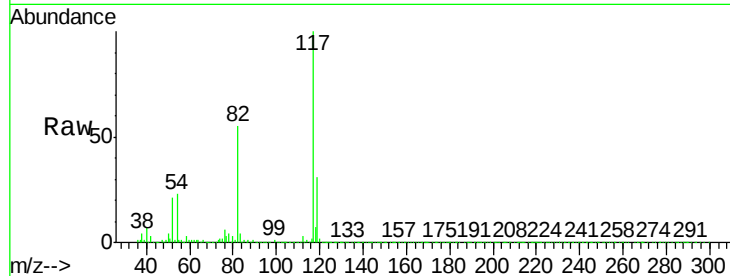
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	47.8	71.8
119	31.4	26.8	40.2

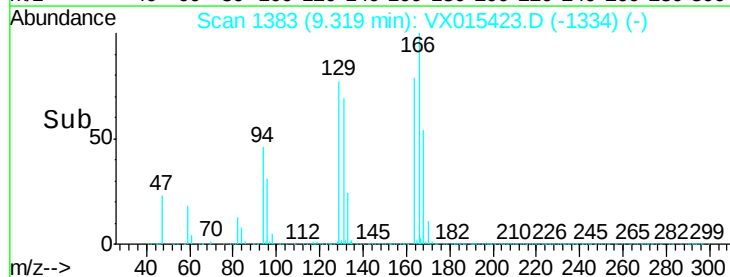
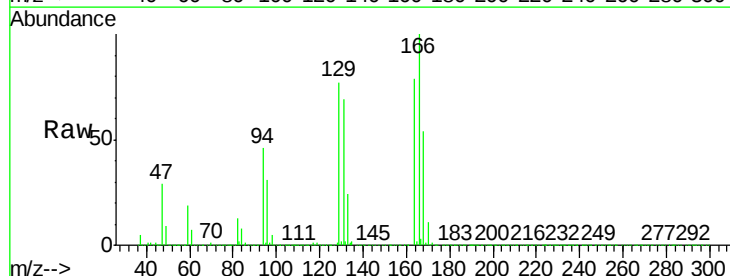
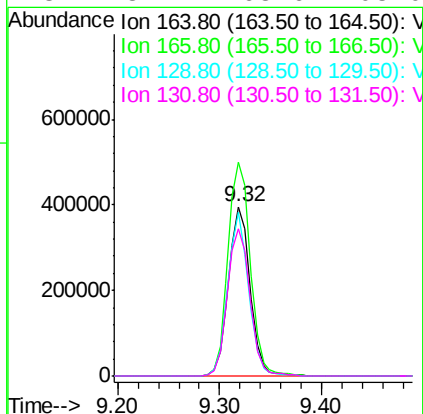
Manual Integrations
APPROVED

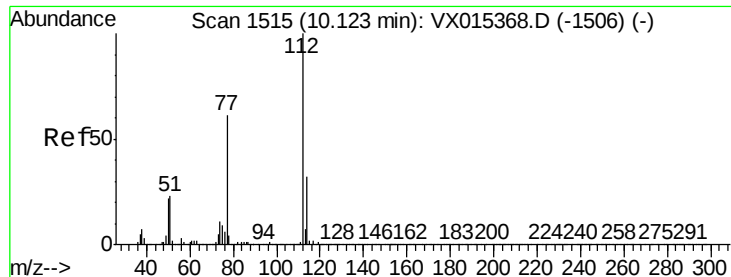
apatel
3/31/2020 11:05:21 AM



#64
Tetrachloroethene
Concen: 46.921 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	97.8	146.6
129	96.6	73.0	109.4
131	87.1	68.6	103.0





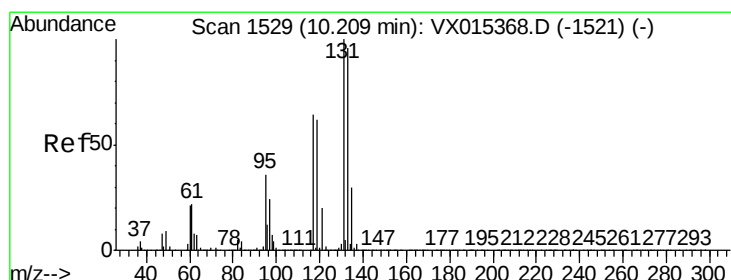
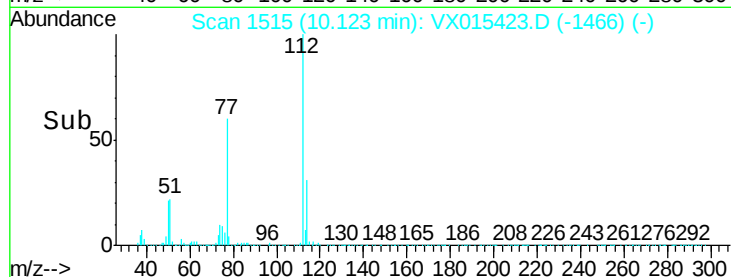
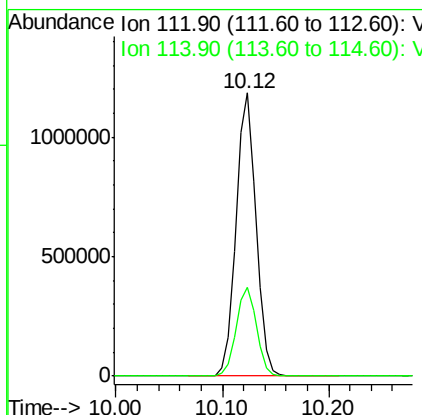
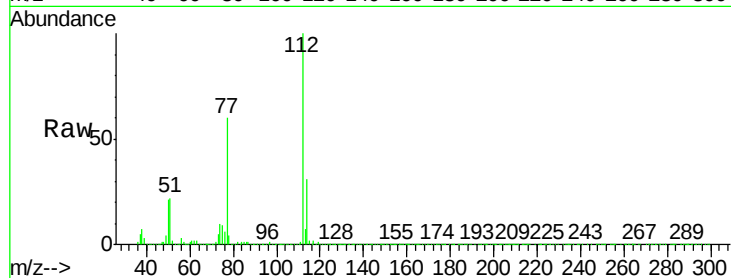
#65
Chlorobenzene
Concen: 47.870 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1560974
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3

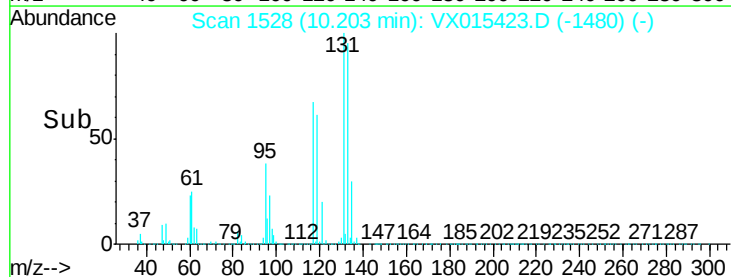
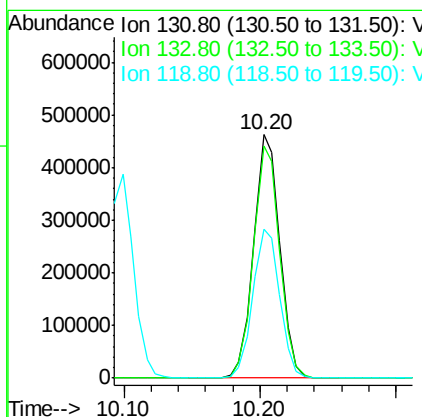
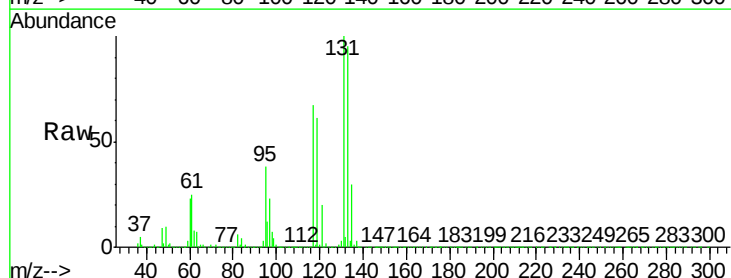
Manual Integrations
APPROVED

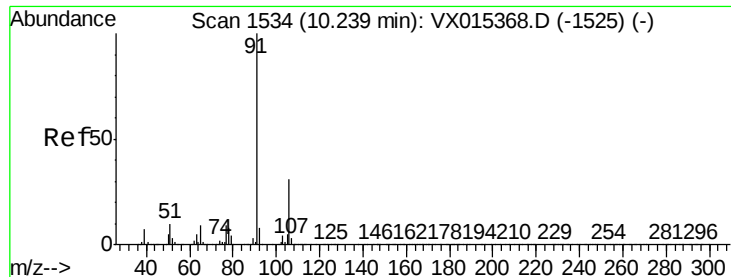
apatel
3/31/2020 11:05:21 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.101 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:131 Resp: 626625
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 62.7 31.1 93.3





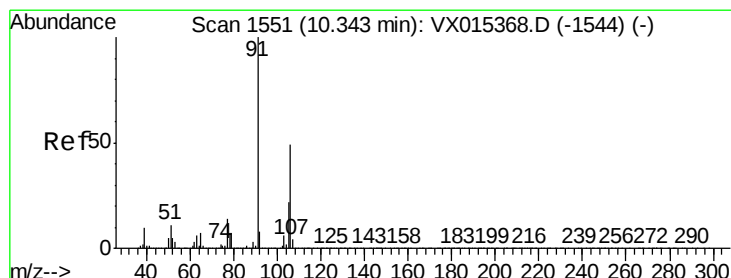
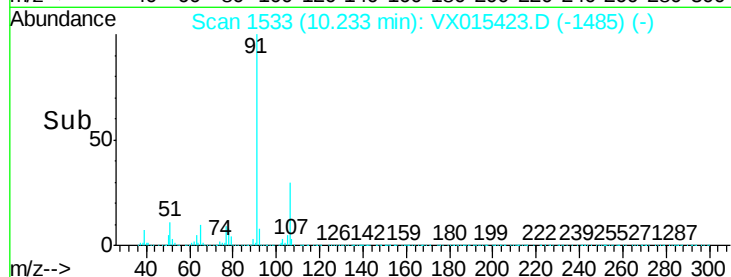
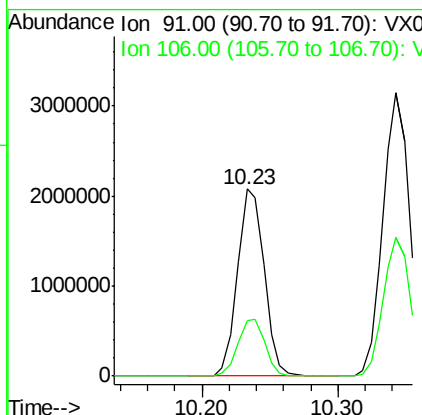
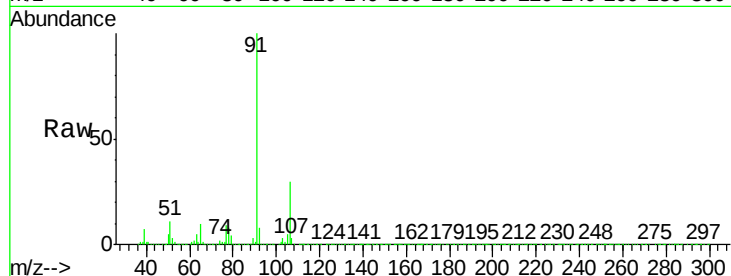
#67
Ethyl Benzene
Concen: 49.236 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2847534
Ion Ratio Lower Upper
91 100
106 29.5 24.8 37.2

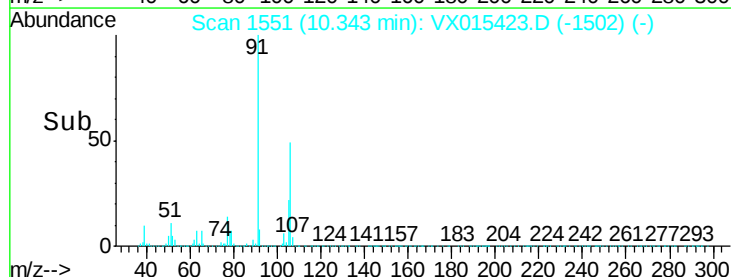
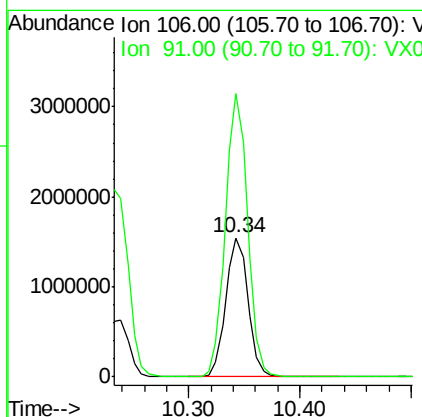
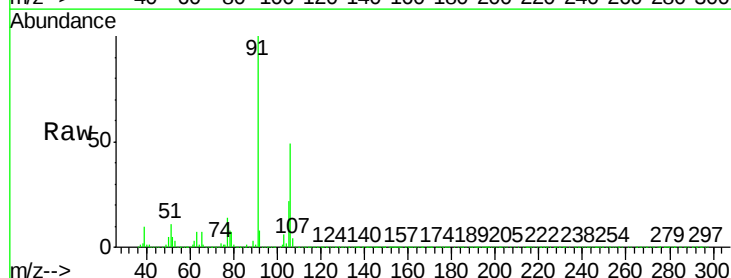
Manual Integrations
APPROVED

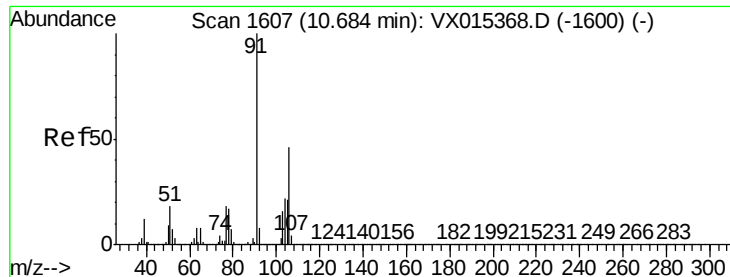
apatel
3/31/2020 11:05:21 AM



#68
m/p-Xylenes
Concen: 98.977 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 106 Resp: 2131509
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.0





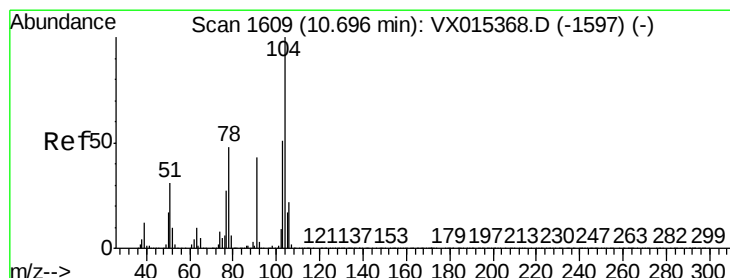
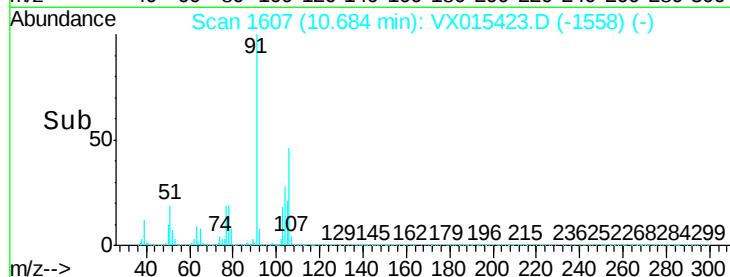
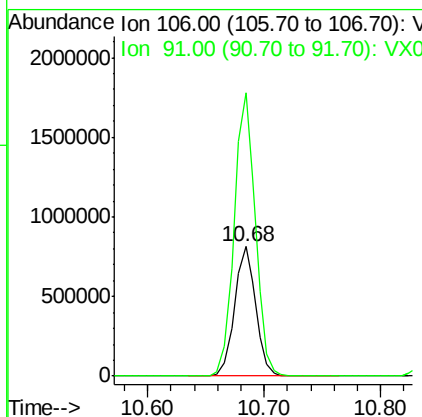
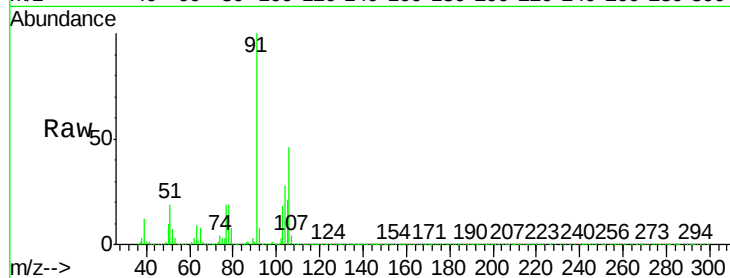
#69
o-Xylene
Concen: 48.290 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1027631
Ion Ratio Lower Upper
106 100
91 218.7 107.1 321.3

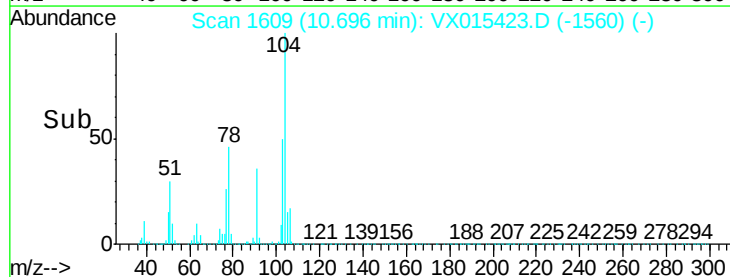
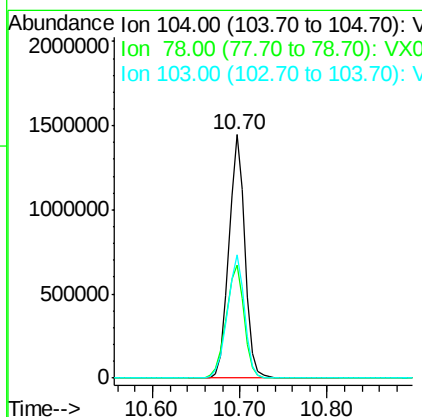
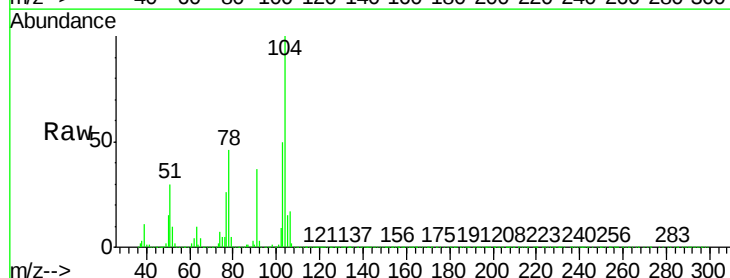
Manual Integrations
APPROVED

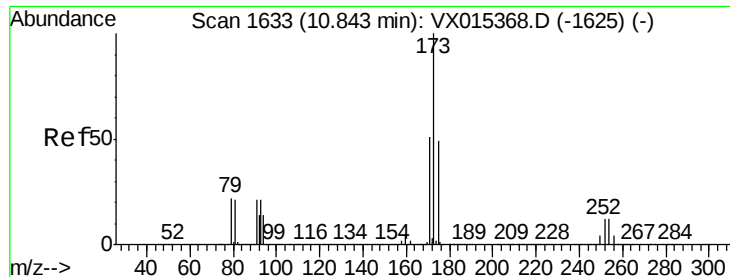
apatel
3/31/2020 11:05:21 AM



#70
Styrene
Concen: 48.856 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion:104 Resp: 1829519
Ion Ratio Lower Upper
104 100
78 52.3 42.0 63.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 46.239 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

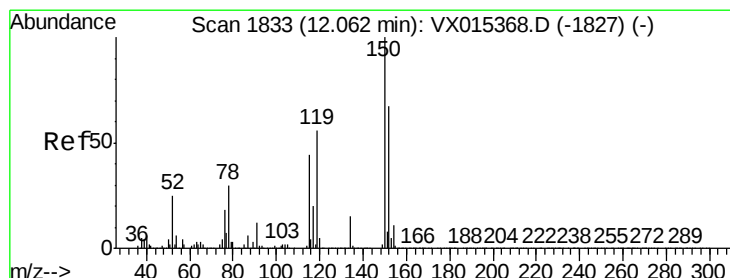
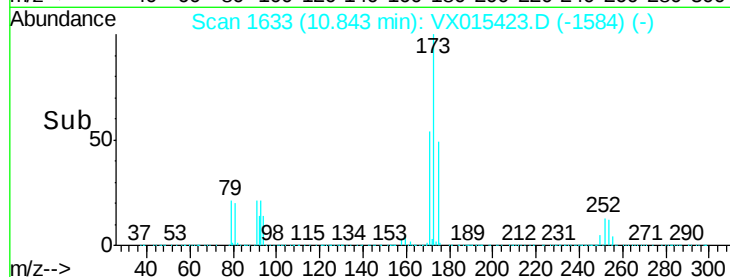
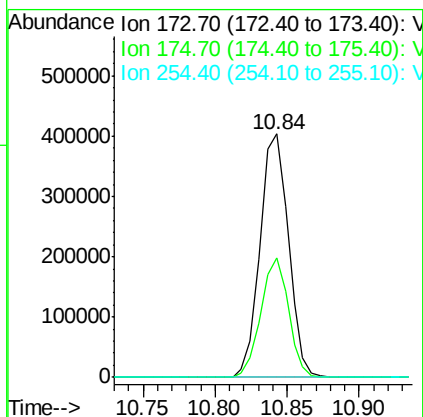
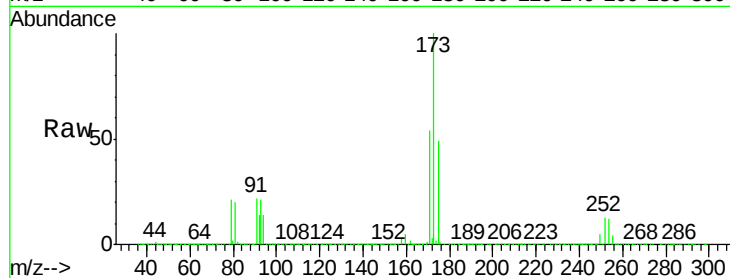
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	48.0	23.9	71.7	
254	0.2	0.1	0.1	

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

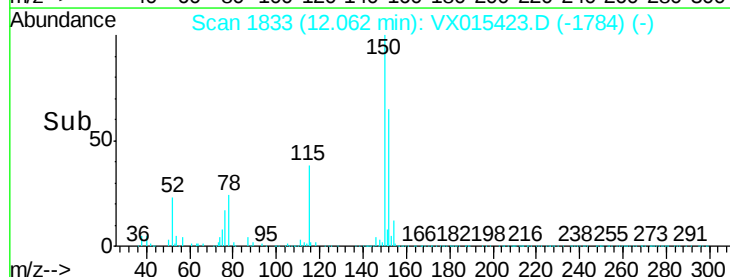
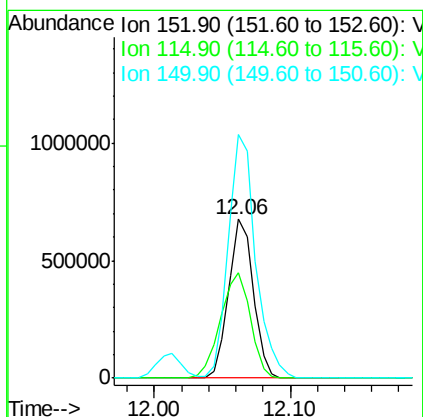
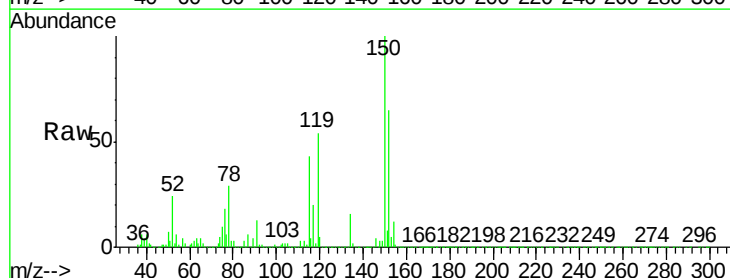
RT: 12.06 min Scan# 1833

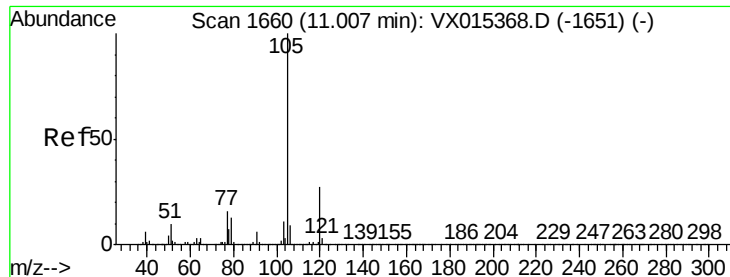
Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	79.8	39.0	116.9	
150	169.9	0.0	340.8	





#73

Isopropylbenzene

Concen: 49.892 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2790519

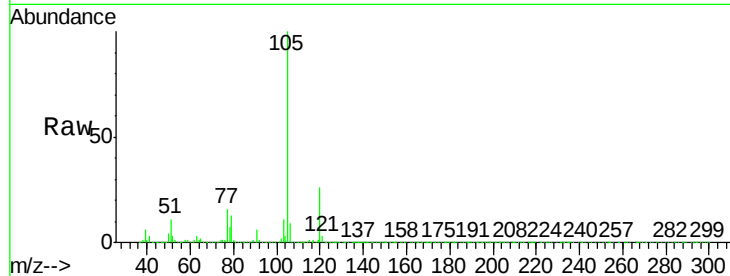
Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

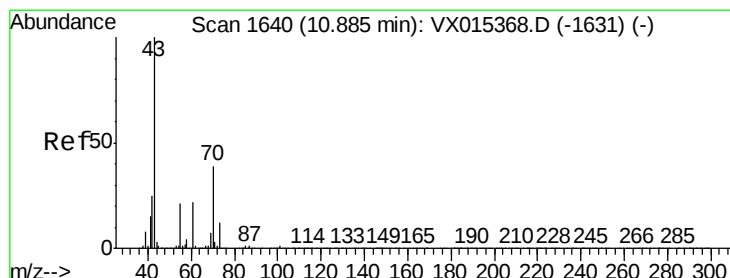
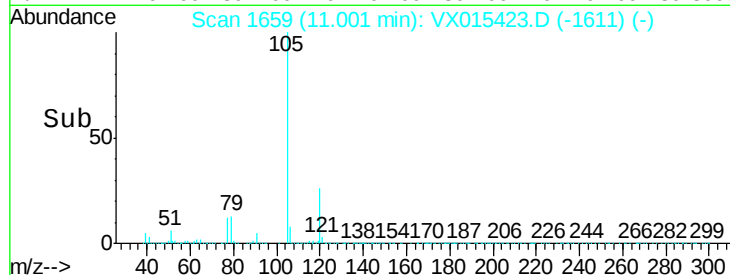
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.324 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion: 43 Resp: 1472125

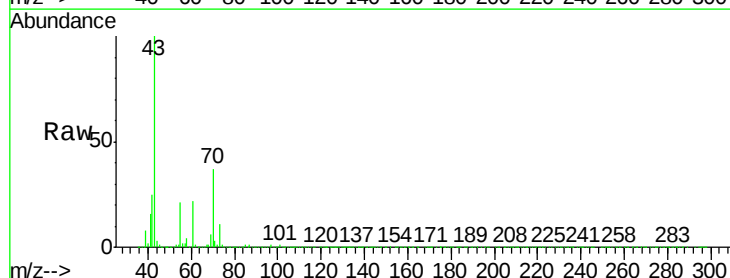
Ion Ratio Lower Upper

43 100

70 38.1 30.2 45.4

55 21.3 16.8 25.2

61 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

2000000

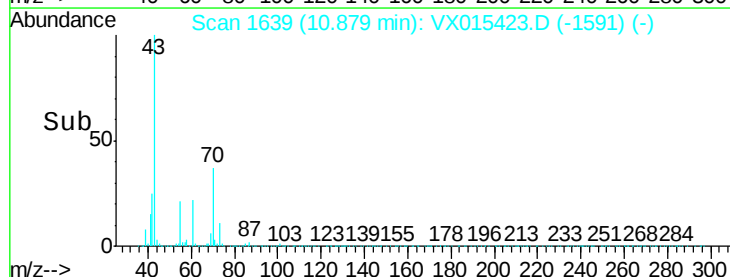
1500000

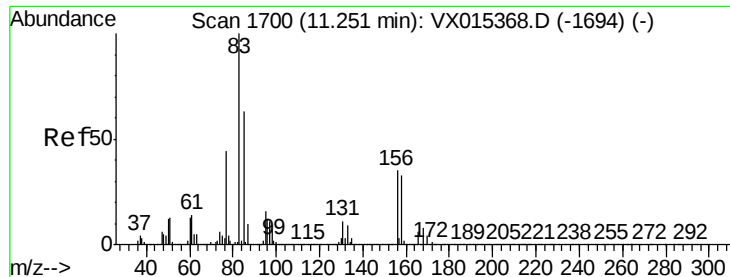
1000000

500000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 45.666 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

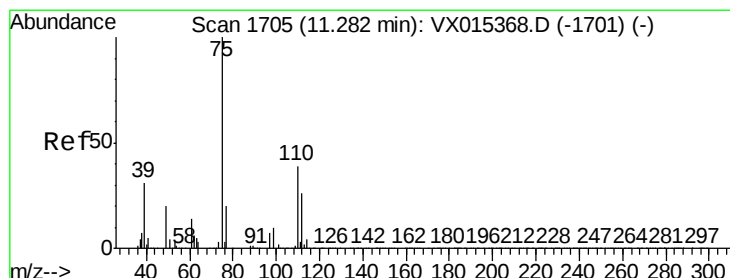
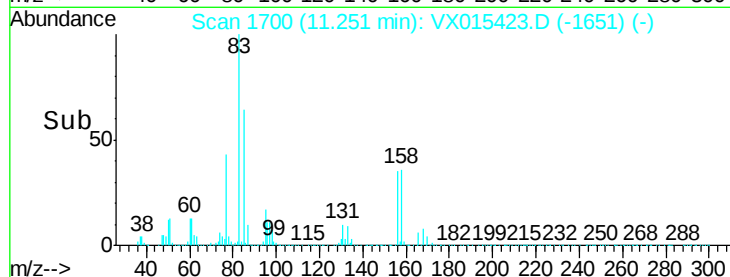
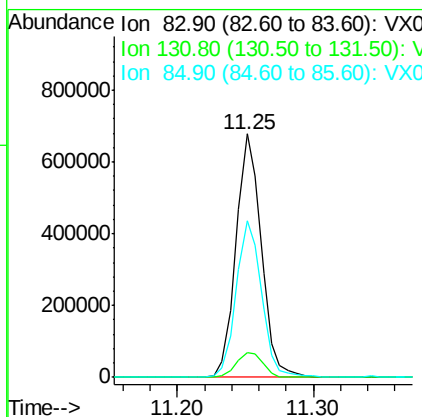
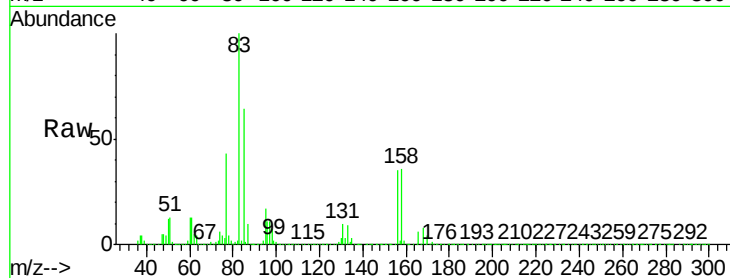
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	876424
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	65.0	32.0	96.0

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#76

1,2,3-Trichloropropane

Concen: 47.512 ug/l m

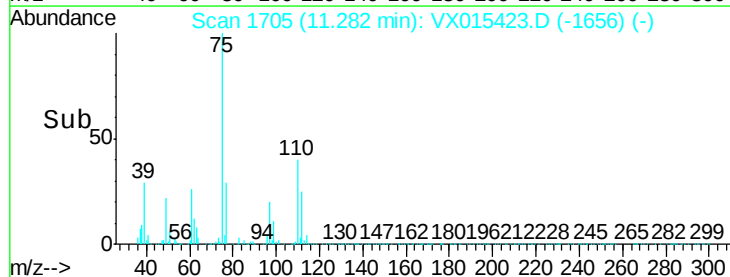
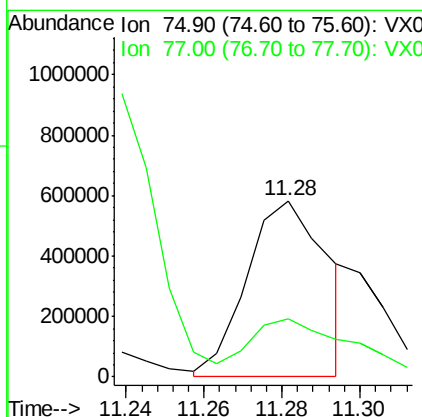
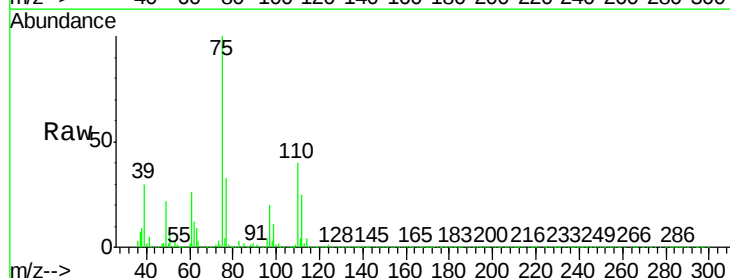
RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion:	75	Resp:	834015
Ion Ratio	Lower	Upper	
75	100		
77	41.5	21.2	63.6





#77

Bromobenzene

Concen: 48.653 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

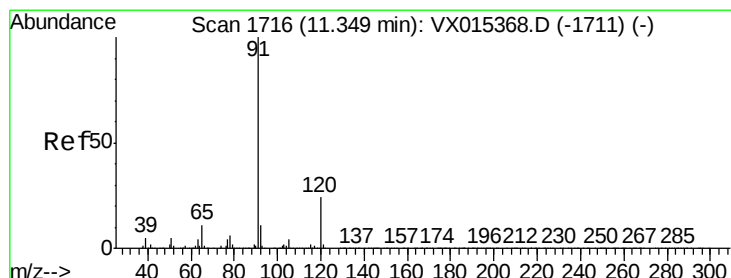
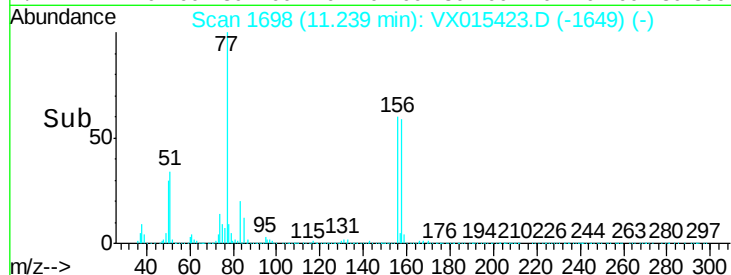
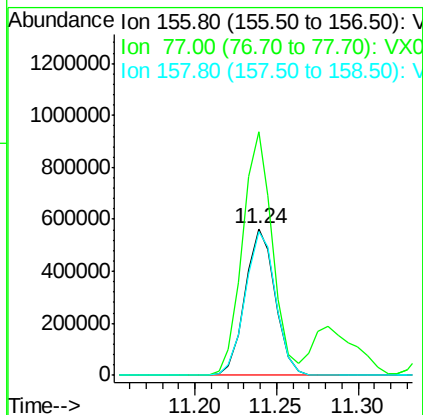
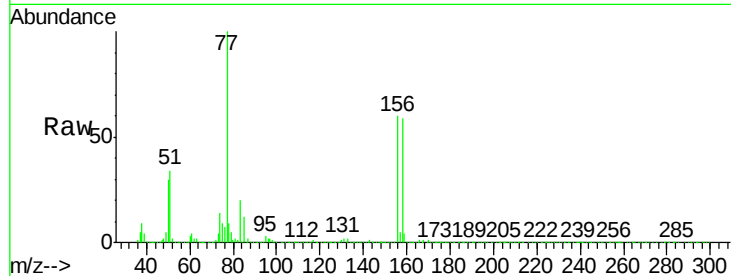
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	725852
Ion Ratio	Lower	Upper	
156	100		
77	165.4	82.2	246.5
158	99.2	49.3	147.9

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#78

n-propylbenzene

Concen: 50.717 ug/l

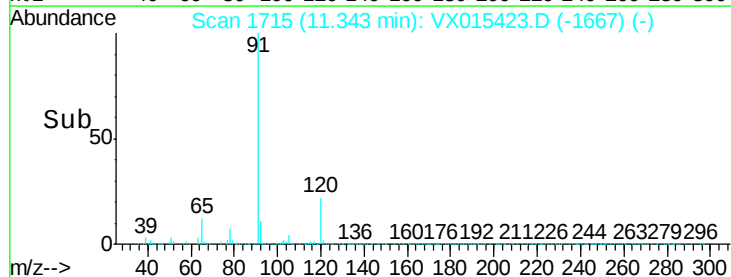
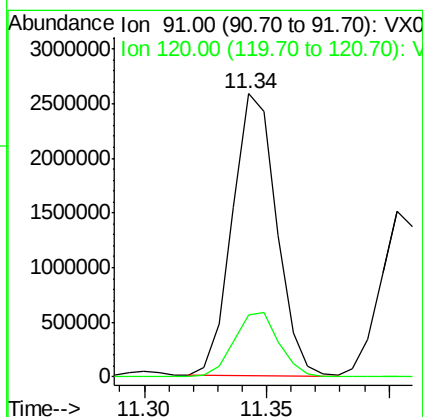
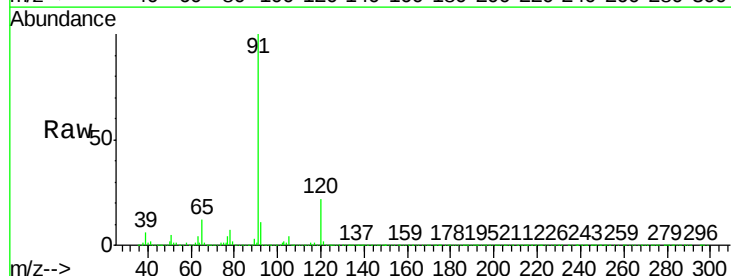
RT: 11.34 min Scan# 1715

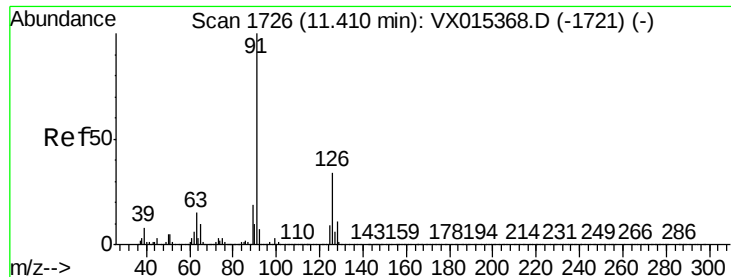
Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion:	91	Resp:	3243609
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.268 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1931292

Ion Ratio Lower Upper

91 100

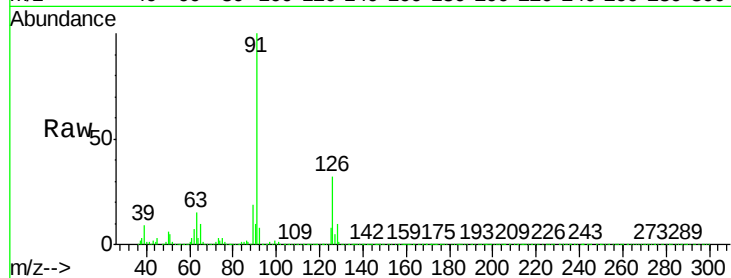
126 33.3 16.5 49.5

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1721) (-)

Ion 125.90 (125.60 to 126.60): VX015368.D (-1721) (-)

2500000

2000000

1500000

1000000

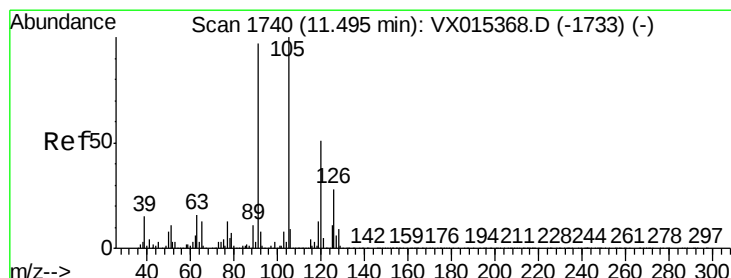
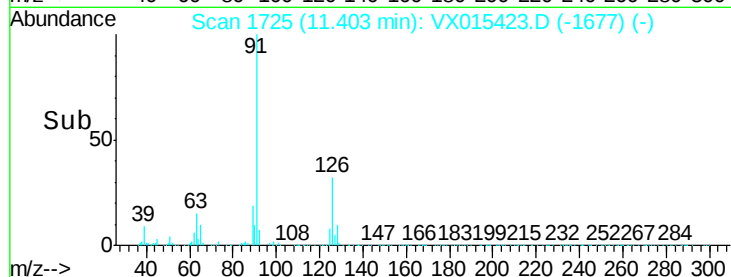
500000

0

11.35

11.40

11.45



#80

1,3,5-Trimethylbenzene

Concen: 49.233 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015423.D

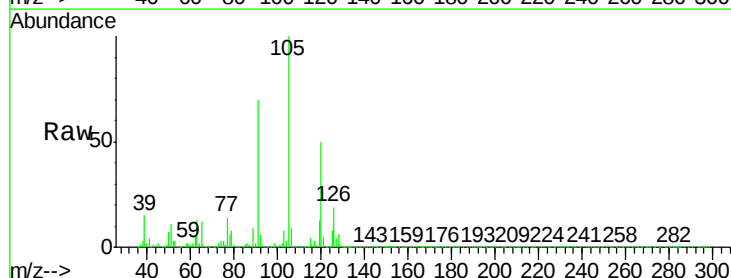
Acq: 30 Mar 2020 12:49

Tgt Ion: 105 Resp: 2351709

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX015368.D (-1733) (-)

Ion 120.00 (119.70 to 120.70): VX015368.D (-1733) (-)

2000000

1500000

1000000

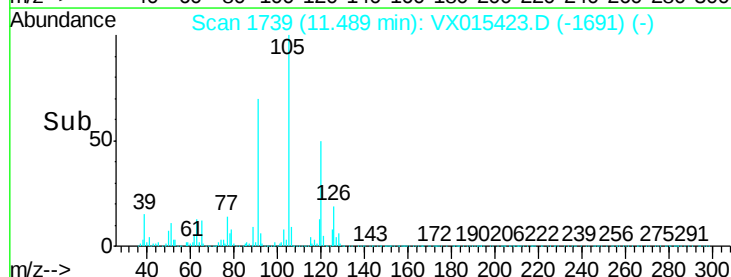
500000

0

11.40

11.49

11.60





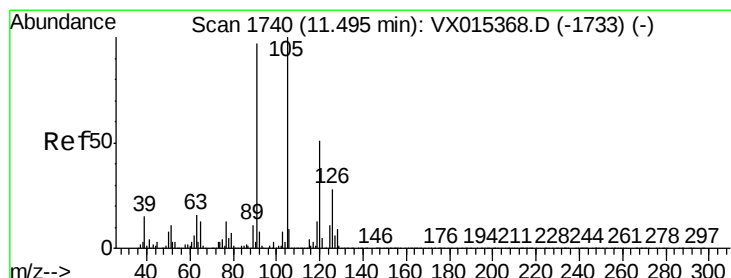
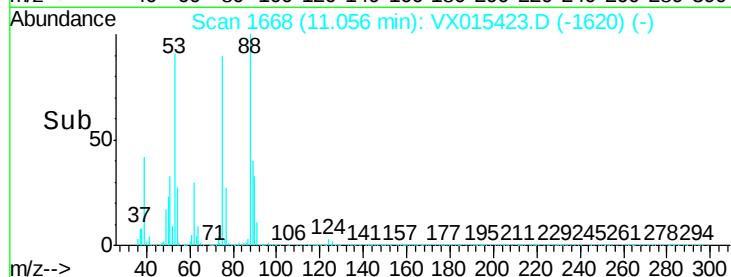
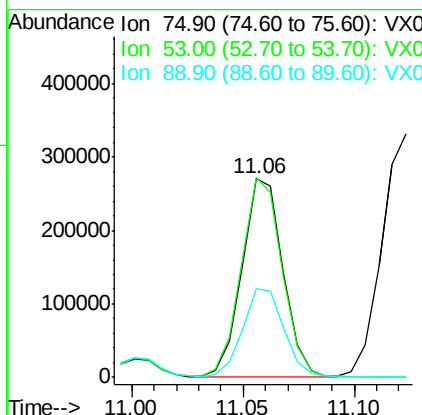
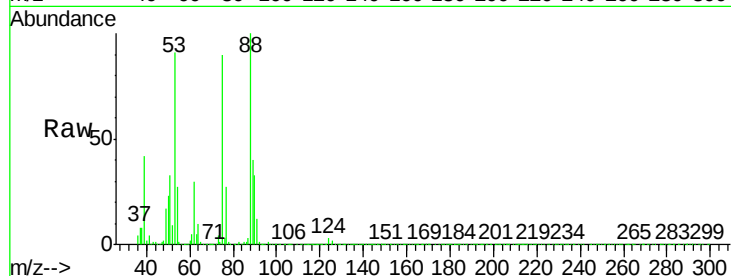
#81
trans-1,4-Dichloro-2-butene
Concen: 47.006 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.6	80.1	120.1
89	46.0	36.1	54.1

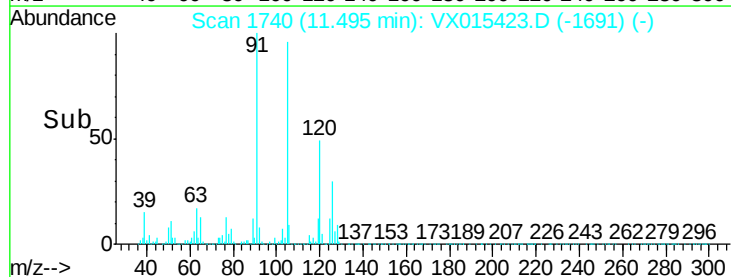
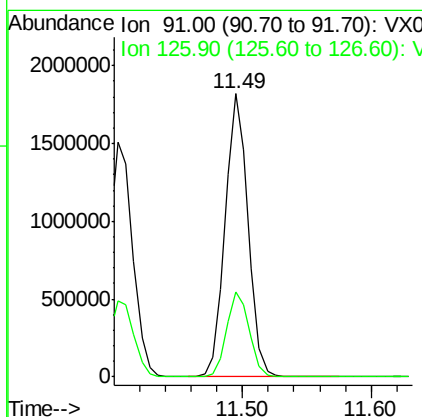
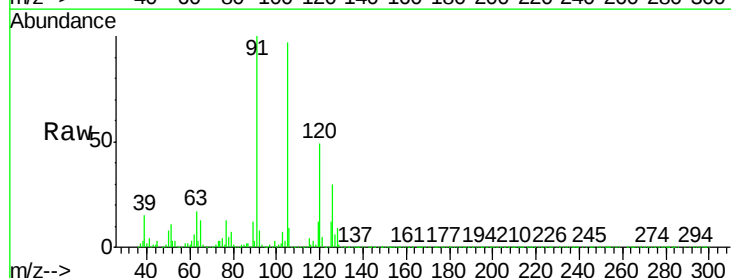
Manual Integrations
APPROVED

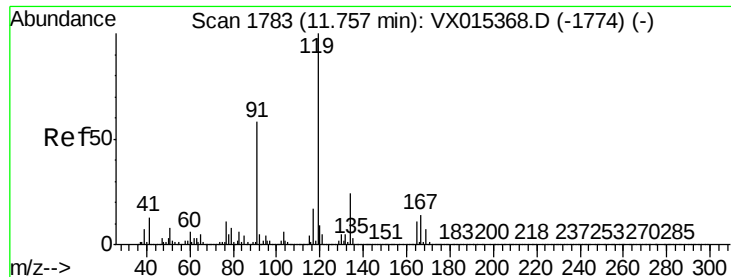
apatel
3/31/2020 11:05:21 AM



#82
4-Chlorotoluene
Concen: 49.536 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.7	44.1





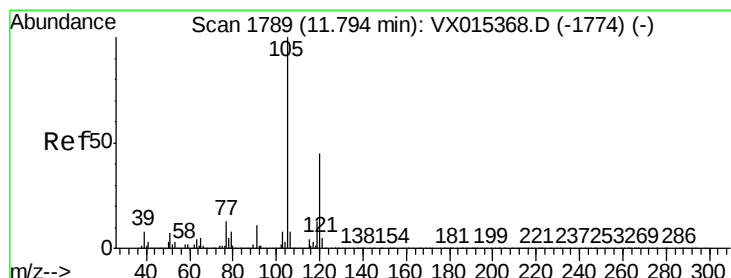
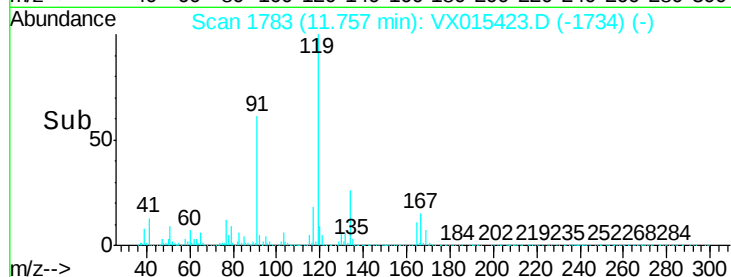
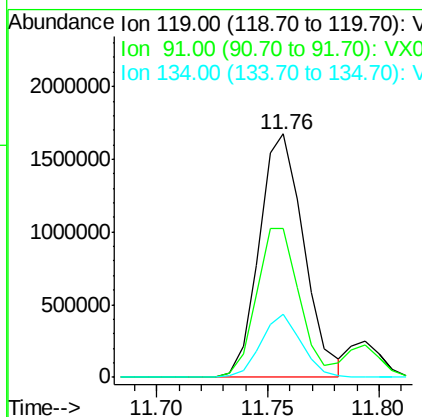
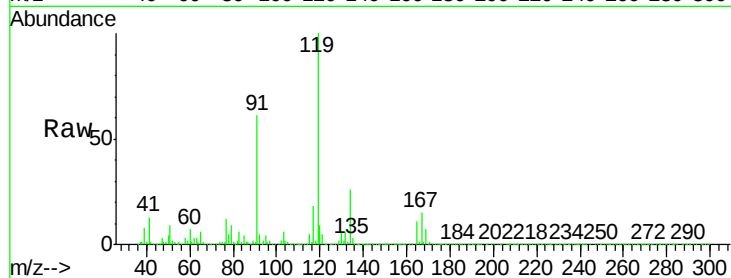
#83
tert-Butylbenzene
Concen: 50.048 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	28.6	85.8
134	23.3	11.8	35.3

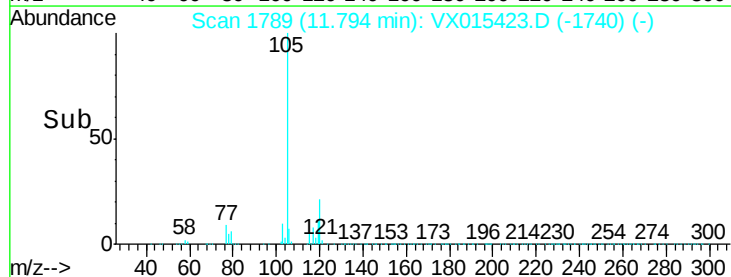
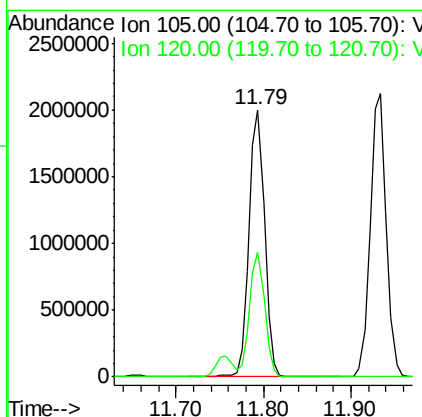
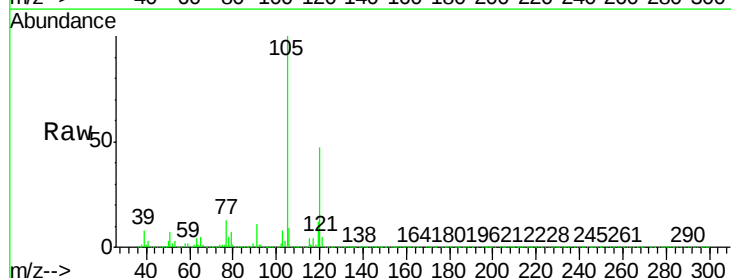
Manual Integrations
APPROVED

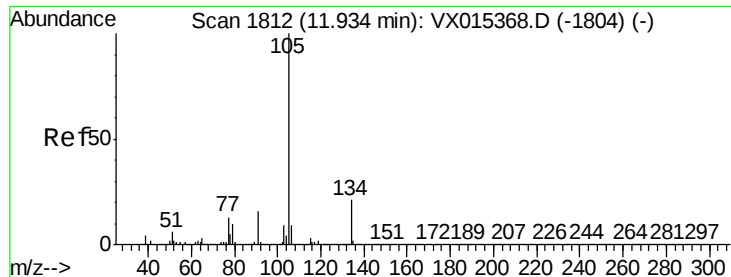
apatel
3/31/2020 11:05:21 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.112 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.7	68.1





#85

sec-Butylbenzene

Concen: 50.429 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2721228

Ion Ratio Lower Upper

105 100

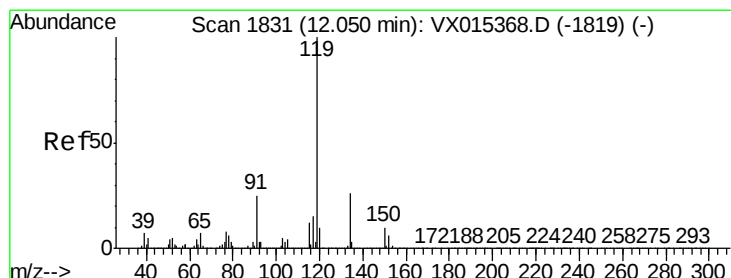
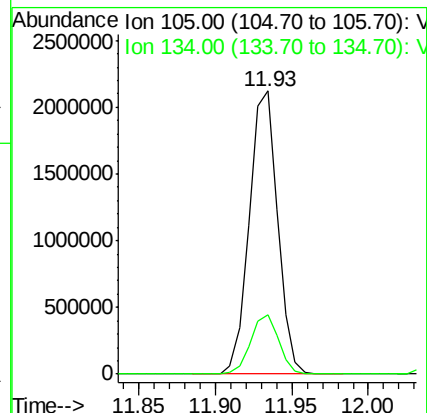
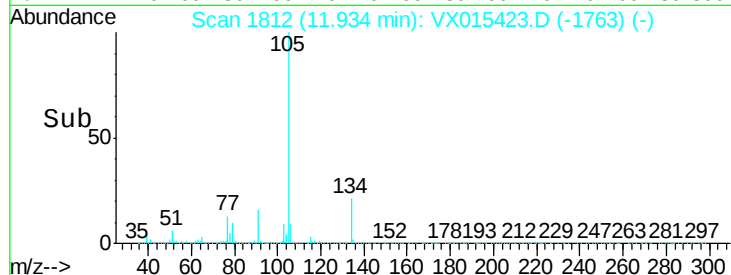
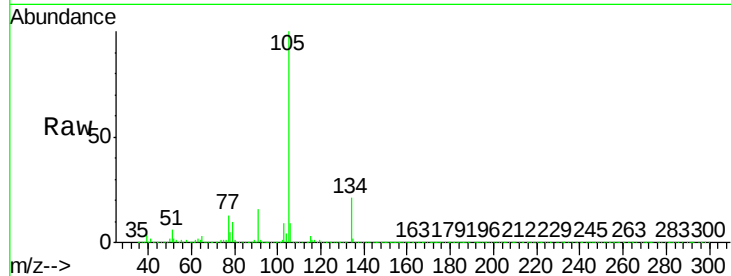
134 20.8 10.4 31.1

Manual Integrations

APPROVED

apatel

3/31/2020 11:05:21 AM



#86

p-Isopropyltoluene

Concen: 50.914 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

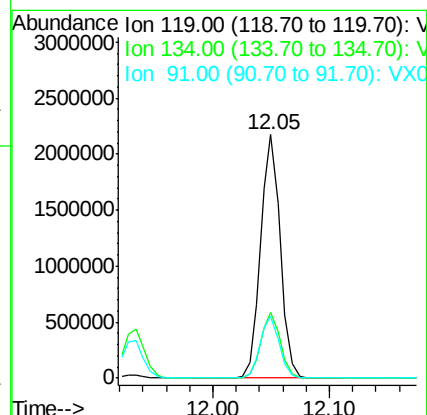
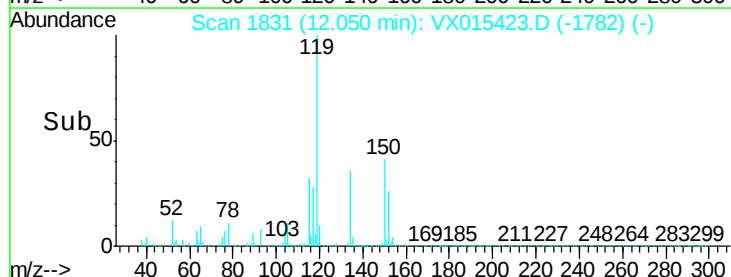
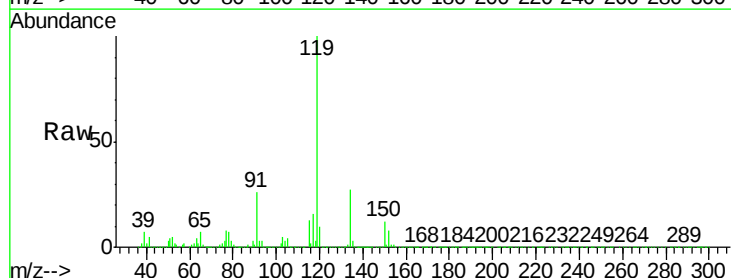
Tgt Ion:119 Resp: 2550549

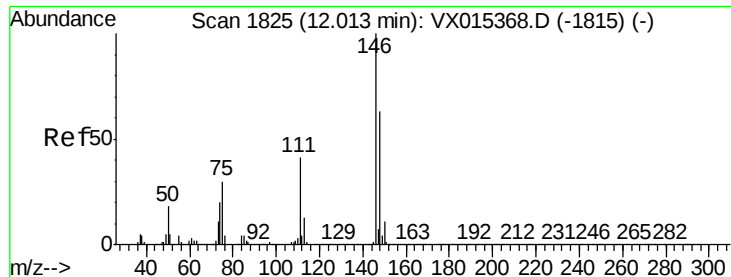
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.304 ug/l

RT: 12.01 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

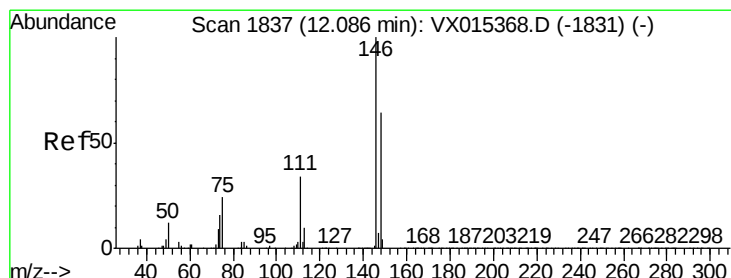
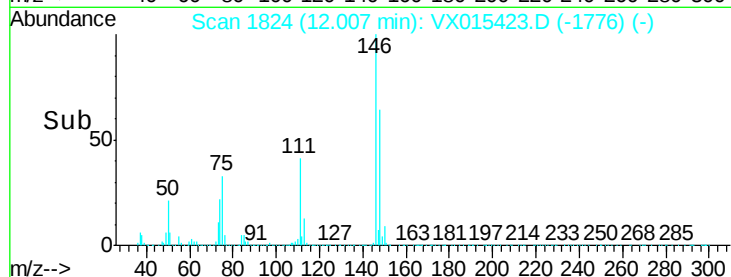
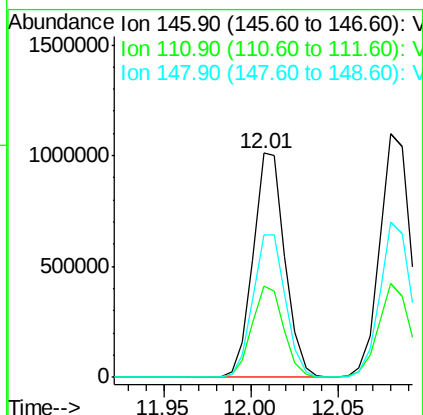
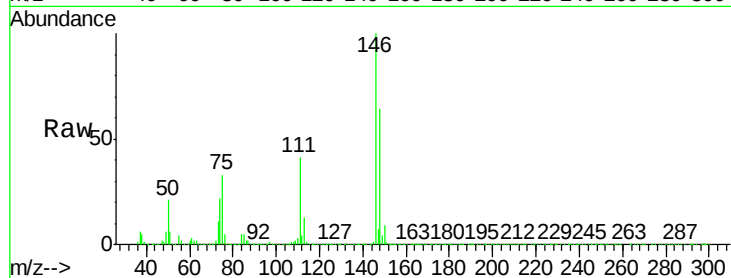
Instrument :
MSVOA_X

ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	65.0	31.3	93.9

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#88

1,4-Dichlorobenzene

Concen: 49.637 ug/l

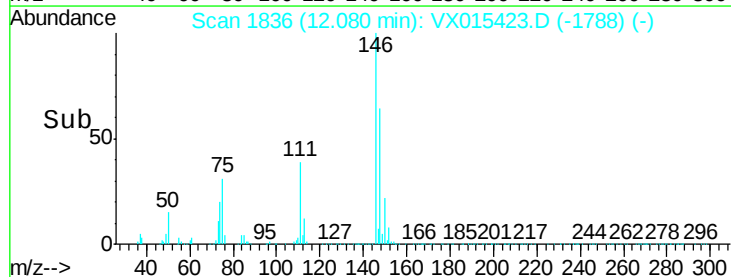
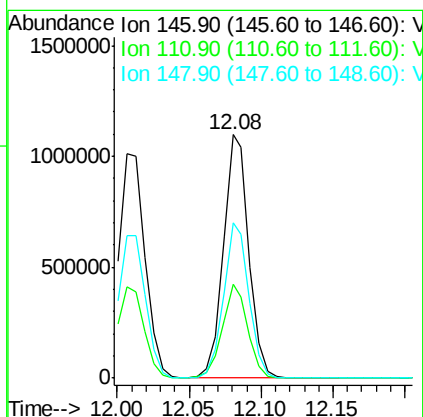
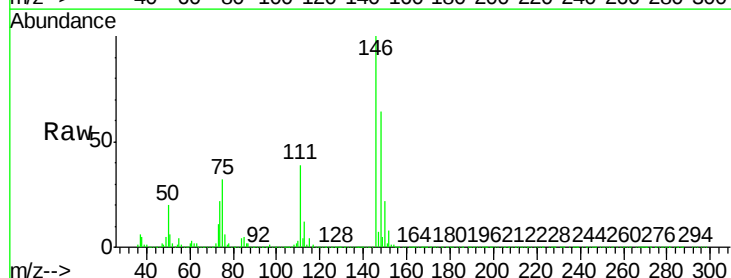
RT: 12.08 min Scan# 1836

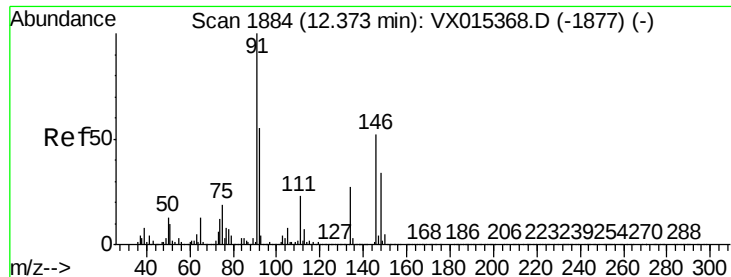
Delta R.T. -0.01 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	64.2	32.4	97.2





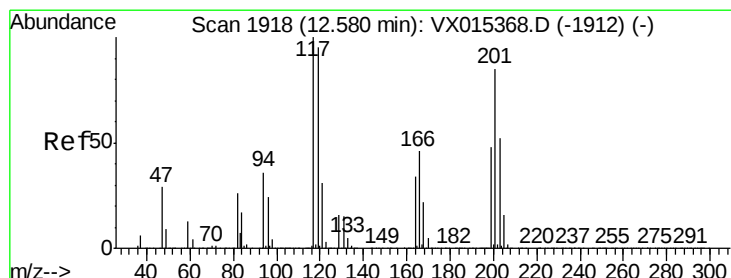
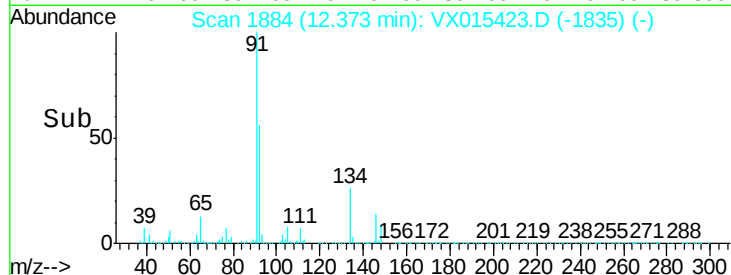
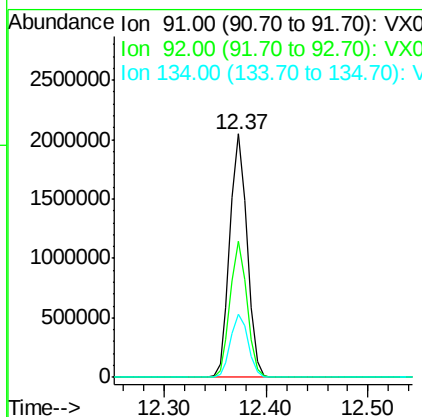
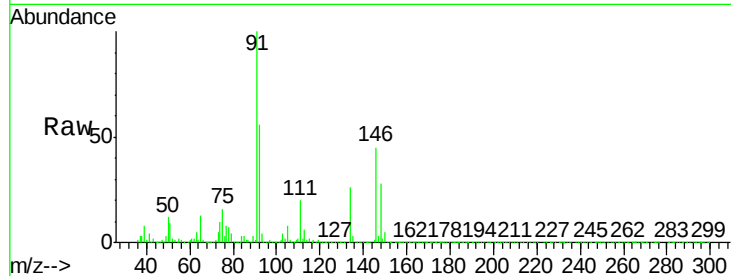
#89
n-Butylbenzene
Concen: 52.469 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2375245
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 26.4 13.4 40.2

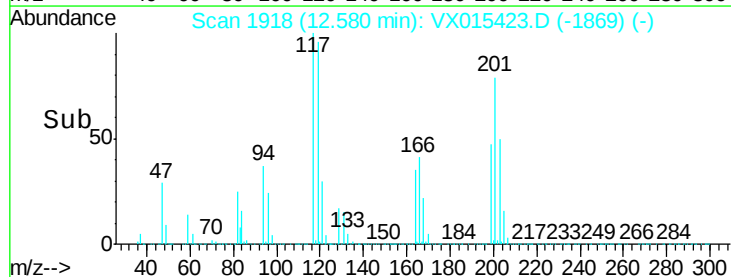
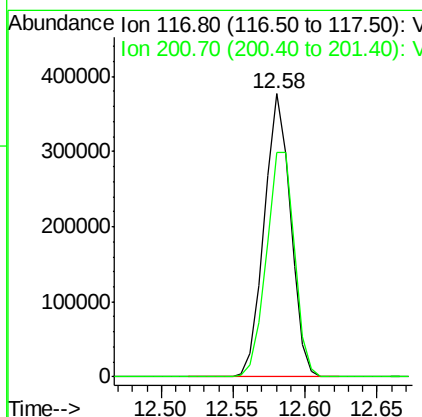
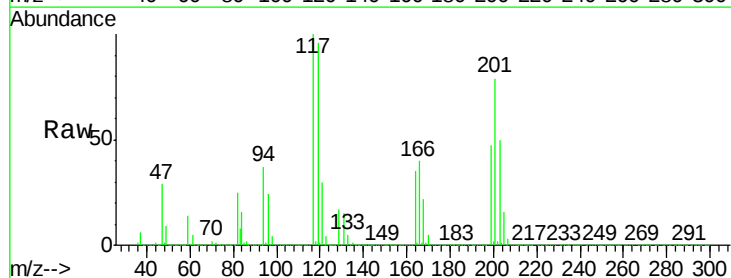
Manual Integrations
APPROVED

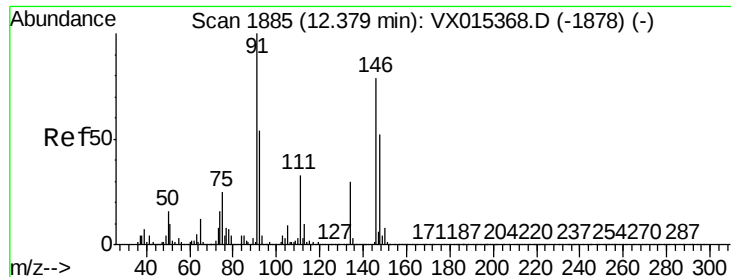
apatel
3/31/2020 11:05:21 AM



#90
Hexachloroethane
Concen: 48.688 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion: 117 Resp: 474726
Ion Ratio Lower Upper
117 100
201 84.8 42.6 128.0





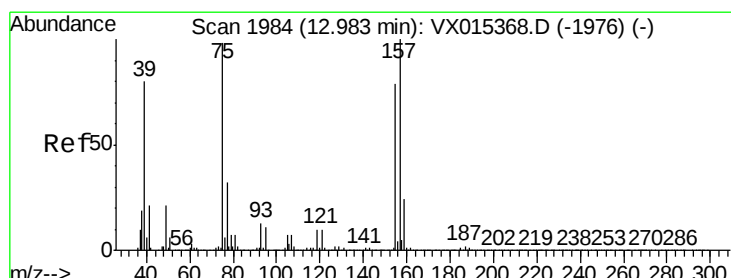
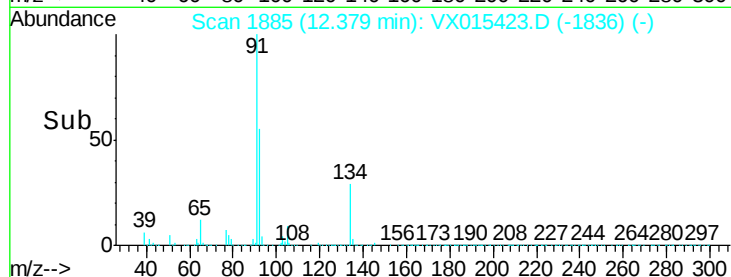
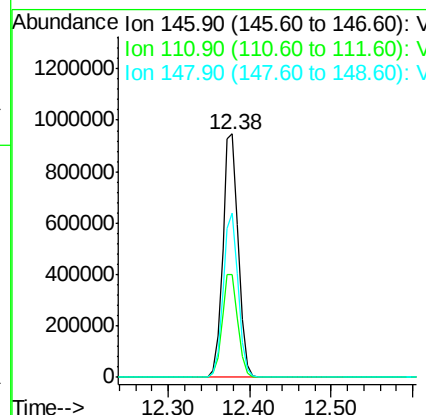
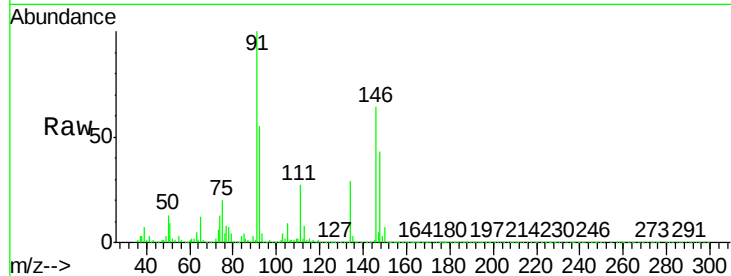
#91
 1,2-Dichlorobenzene
 Concen: 48.234 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.0	63.0
148	65.4	32.4	97.0

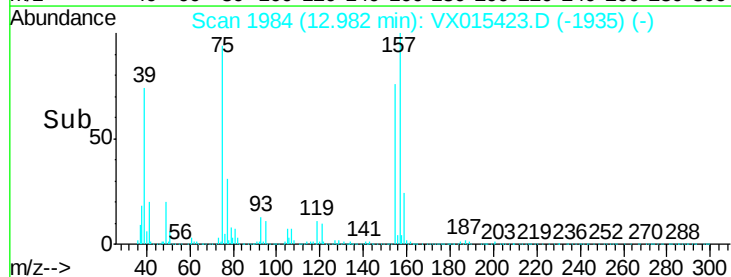
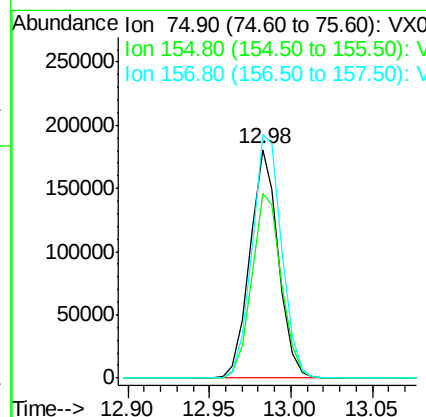
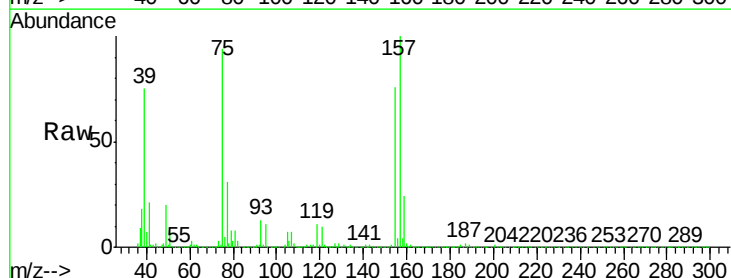
Manual Integrations
 APPROVED

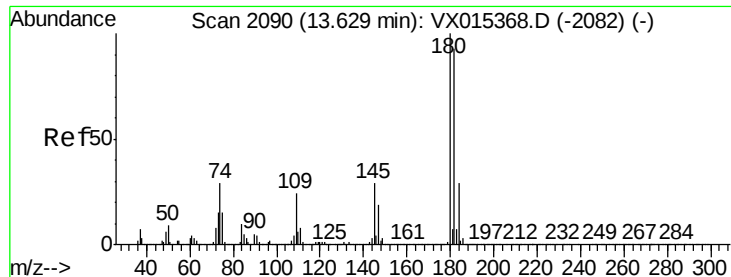
apatel
 3/31/2020 11:05:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.210 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015423.D
 Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	42.8	128.4
157	111.9	53.4	160.3





#93

1,2,4-Trichlorobenzene

Concen: 48.947 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Instrument :

MSVOA_X

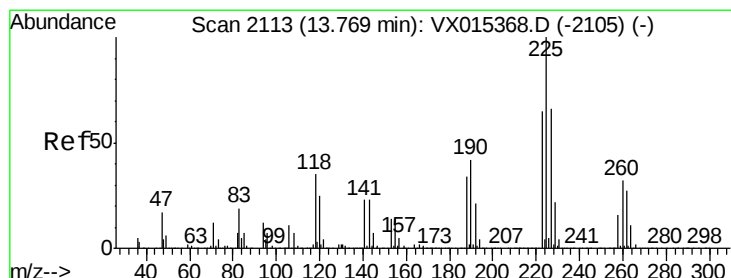
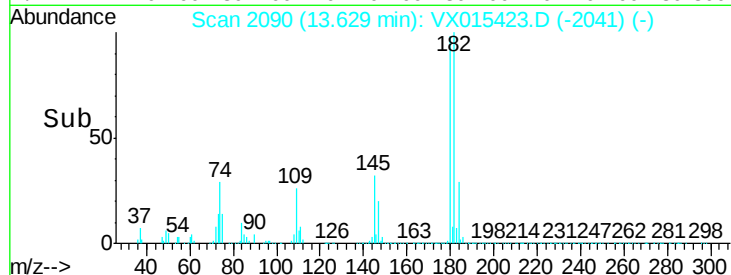
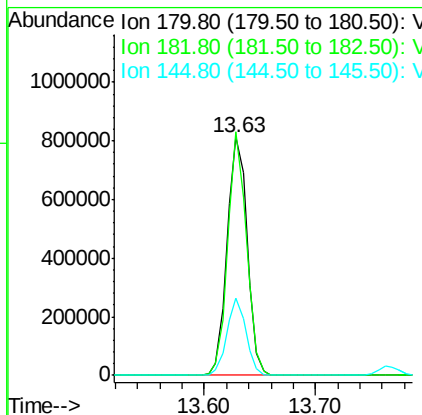
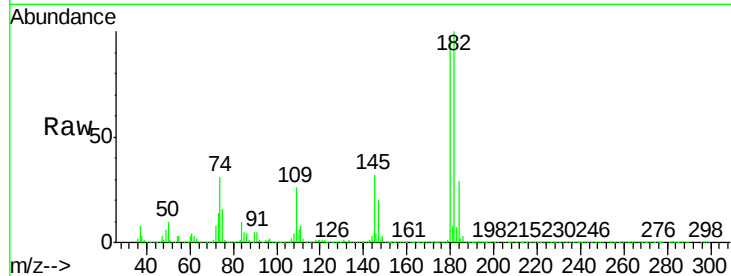
ClientSampled :

VSTDCCC050

Tot Ion:	180	Resp:	1011941
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.9	140.7
145	30.8	14.9	44.5

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#94

Hexachlorobutadiene

Concen: 50.049 ug/l

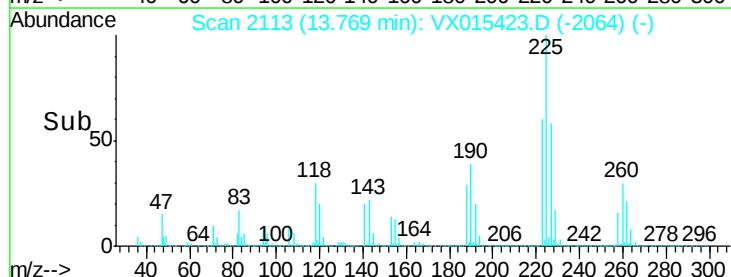
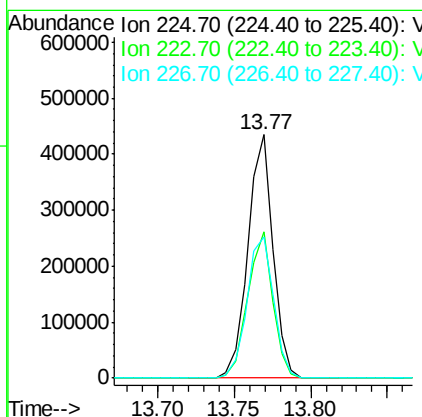
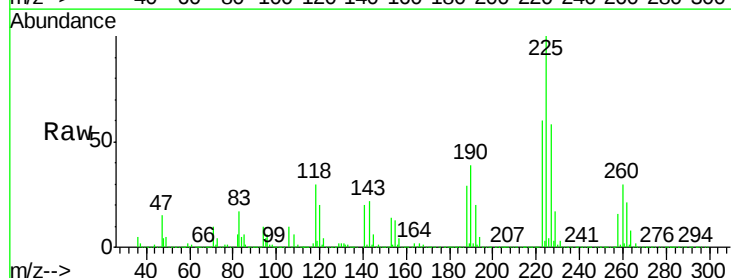
RT: 13.77 min Scan# 2113

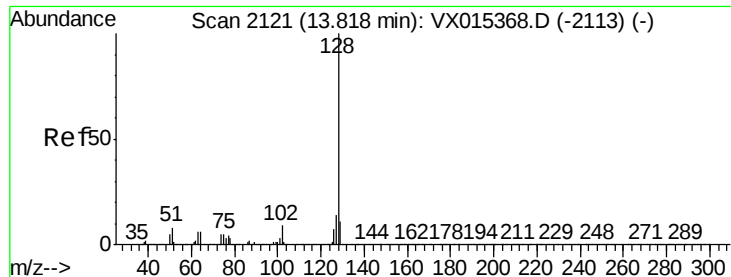
Delta R.T. -0.00 min

Lab File: VX015423.D

Acq: 30 Mar 2020 12:49

Tgt Ion:	225	Resp:	492638
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.9	95.7
227	61.9	30.4	91.3





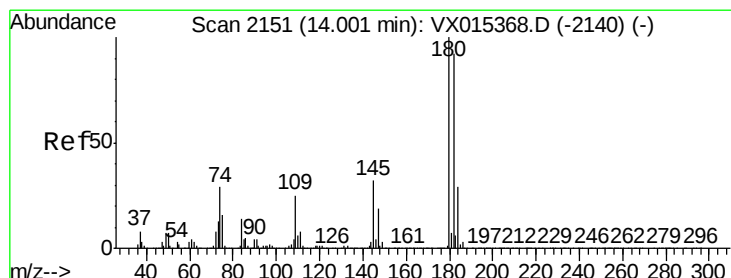
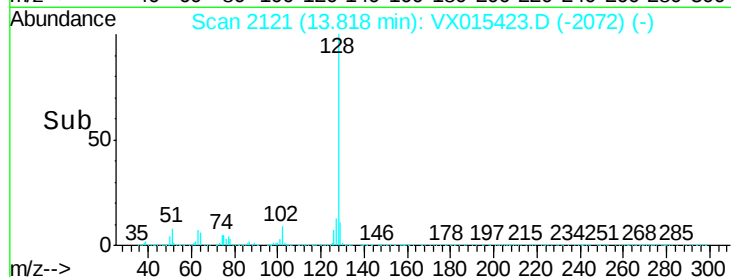
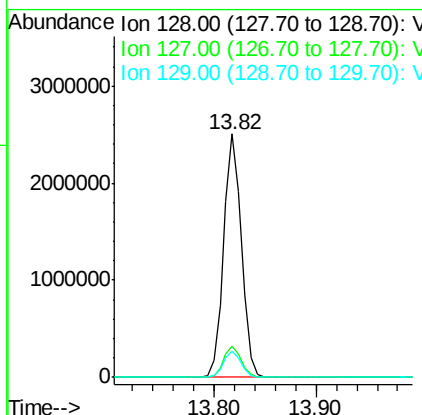
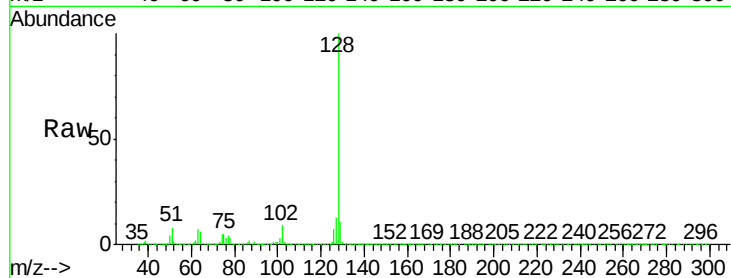
#95
Naphthalene
Concen: 47.910 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
3/31/2020 11:05:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.128 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015423.D
Acq: 30 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.7	140.0
145	31.1	15.8	47.3

