

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015557.D
 Acq On : 08 Apr 2020 10:16
 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
 4/9/2020 9:54:38 AM

Quant Time: Apr 09 06:32:09 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	1139570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1740295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1580681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	845954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	684910	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	
35) Dibromofluoromethane	5.47	113	503523	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
50) Toluene-d8	8.70	98	1859752	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.12	95	764136	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	523115	52.104	ug/l	99
3) Chloromethane	1.31	50	579241	45.304	ug/l	98
4) Vinyl Chloride	1.39	62	573478	48.848	ug/l	97
5) Bromomethane	1.62	94	232142	41.525	ug/l	97
6) Chloroethane	1.70	64	365690	50.224	ug/l	99
7) Trichlorofluoromethane	1.91	101	835576	53.071	ug/l	99
8) Diethyl Ether	2.17	74	328459	49.461	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	540101	52.622	ug/l	97
10) Methyl Iodide	2.49	142	615408	44.472	ug/l	99
11) Tert butyl alcohol	3.01	59	724450	188.315	ug/l	99
12) 1,1-Dichloroethene	2.35	96	525547	48.848	ug/l	91
13) Acrolein	2.27	56	744318	339.649	ug/l	99
14) Allyl chloride	2.70	41	1173580	46.684	ug/l	96
15) Acrylonitrile	3.11	53	1607225	219.071	ug/l	100
16) Acetone	2.42	43	1745842	252.835	ug/l	99
17) Carbon Disulfide	2.55	76	1497060	45.614	ug/l	99
18) Methyl Acetate	2.75	43	783549	44.460	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1974561	47.321	ug/l	99
20) Methylene Chloride	2.83	84	595127	46.142	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	571114	47.831	ug/l	96
22) Diisopropyl ether	3.83	45	2168694	48.685	ug/l	88
23) Vinyl Acetate	3.78	43	9511605	235.834	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1109767	47.317	ug/l	99
25) 2-Butanone	4.63	43	2508712	225.912	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1034763	53.750	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	661417	47.880	ug/l	97
28) Bromochloromethane	4.98	49	518897	46.338	ug/l	99
29) Tetrahydrofuran	5.09	42	1527646	213.986	ug/l	100
30) Chloroform	5.17	83	1095410	48.545	ug/l	94
31) Cyclohexane	5.55	56	1023619	50.310	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	1010584	49.487	ug/l	99
36) 1,1-Dichloropropene	5.76	75	833936	52.008	ug/l	98
37) Ethyl Acetate	4.79	43	947953	45.403	ug/l	100
38) Carbon Tetrachloride	5.75	117	905749	52.152	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015557.D
 Acq On : 08 Apr 2020 10:16
 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
 4/9/2020 9:54:38 AM

Quant Time: Apr 09 06:32:09 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	1021873	55.271	ug/l	97
40) Benzene	6.11	78	2394839	50.986	ug/l	98
41) Methacrylonitrile	5.00	41	556729	48.035	ug/l	100
42) 1,2-Dichloroethane	6.16	62	964066	51.098	ug/l	99
43) Isopropyl Acetate	6.41	43	1659566	47.086	ug/l	100
44) Trichloroethene	7.18	130	657486	51.326	ug/l	99
45) 1,2-Dichloropropane	7.49	63	638185	49.667	ug/l	100
46) Dibromomethane	7.64	93	421871	50.051	ug/l	98
47) Bromodichloromethane	7.87	83	904748	50.375	ug/l	98
48) Methyl methacrylate	7.75	41	833732	47.359	ug/l	100
49) 1,4-Dioxane	7.72	88	287127	874.287	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4693713	234.989	ug/l	99
52) Toluene	8.76	92	1519352	52.466	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1040507	49.397	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1097552	51.151	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	607873	51.235	ug/l	98
56) Ethyl methacrylate	9.16	69	1027399	49.135	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1052492	49.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2715976	267.044	ug/l	100
59) 2-Hexanone	9.47	43	3670809	243.421	ug/l	100
60) Dibromochloromethane	9.56	129	739398	51.863	ug/l	100
61) 1,2-Dibromoethane	9.65	107	652151	50.552	ug/l	100
64) Tetrachloroethene	9.32	164	651494	54.614	ug/l	99
65) Chlorobenzene	10.12	112	1664749	52.810	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	650033	51.615	ug/l	99
67) Ethyl Benzene	10.24	91	2970169	53.124	ug/l	99
68) m/p-Xylenes	10.34	106	2235935	107.399	ug/l	99
69) o-Xylene	10.68	106	1077451	52.373	ug/l	99
70) Styrene	10.70	104	1914789	52.893	ug/l	99
71) Bromoform	10.84	173	573986	50.066	ug/l #	98
73) Isopropylbenzene	11.00	105	2945562	53.141	ug/l	99
74) N-amyl acetate	10.88	43	1471231	47.723	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	918698	48.303	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	858163m	49.330	ug/l	
77) Bromobenzene	11.24	156	784828	53.083	ug/l	95
78) n-propylbenzene	11.34	91	3406224	53.742	ug/l	99
79) 2-Chlorotoluene	11.40	91	2018085	51.948	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2514027	53.108	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	342561	47.249	ug/l	96
82) 4-Chlorotoluene	11.49	91	2407599	52.866	ug/l	100
83) tert-Butylbenzene	11.76	119	2472829	53.479	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2568788	53.251	ug/l	100
85) sec-Butylbenzene	11.93	105	2950334	55.170	ug/l	100
86) p-Isopropyltoluene	12.05	119	2778101	55.959	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1411100	53.314	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1428703	52.993	ug/l	99
89) n-Butylbenzene	12.37	91	2504461	55.824	ug/l	100
90) Hexachloroethane	12.58	117	510645	52.846	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1358071	52.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	233667	43.528	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
Data File : VX015557.D
Acq On : 08 Apr 2020 10:16
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

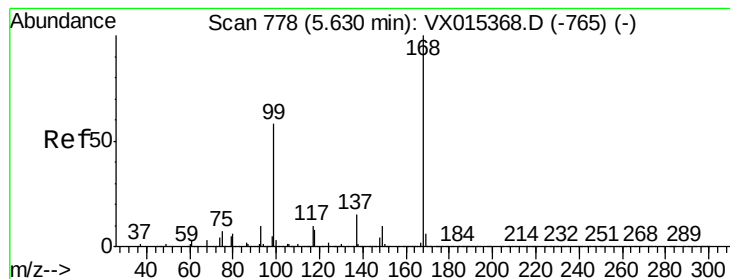
Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM

Quant Time: Apr 09 06:32:09 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	1138829	55.583	ug/l	99
94) Hexachlorobutadiene	13.77	225	537373	55.088	ug/l	95
95) Naphthalene	13.82	128	3211374	51.384	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1063147	53.895	ug/l	98

(#) = 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: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1139570

Ion Ratio Lower Upper

168 100

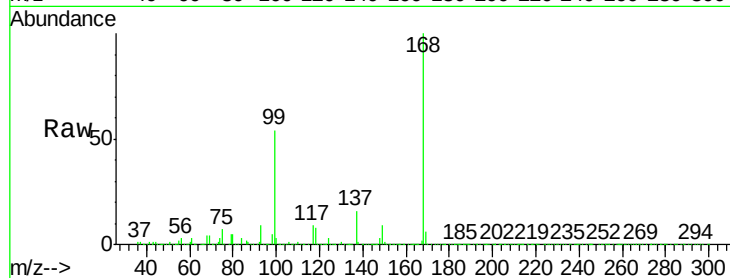
99 54.0 46.4 69.6

Manual Integrations

APPROVED

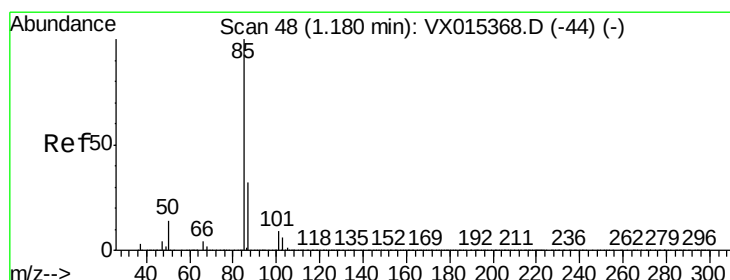
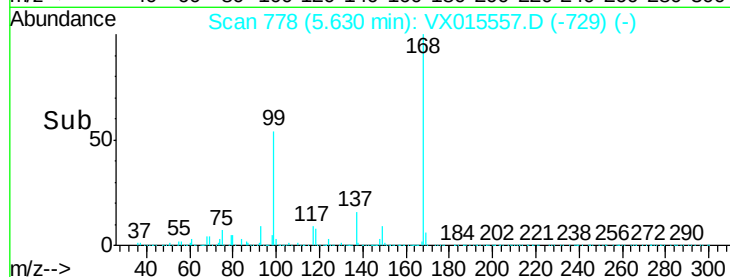
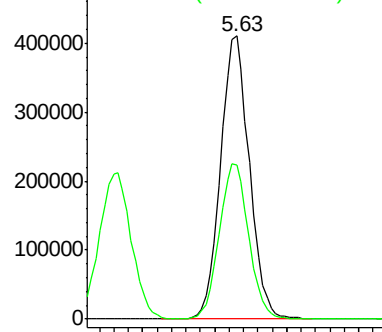
apatel

4/9/2020 9:54:38 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.104 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015557.D

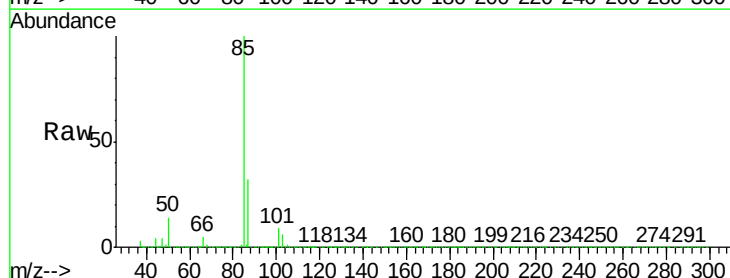
Acq: 08 Apr 2020 10:16

Tgt Ion: 85 Resp: 523115

Ion Ratio Lower Upper

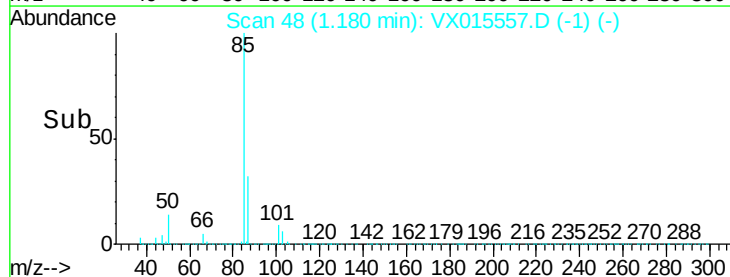
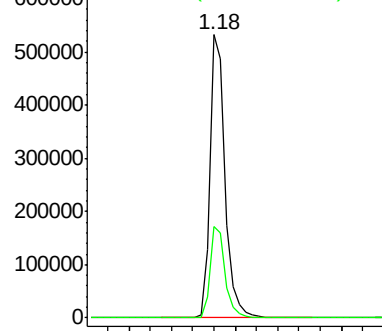
85 100

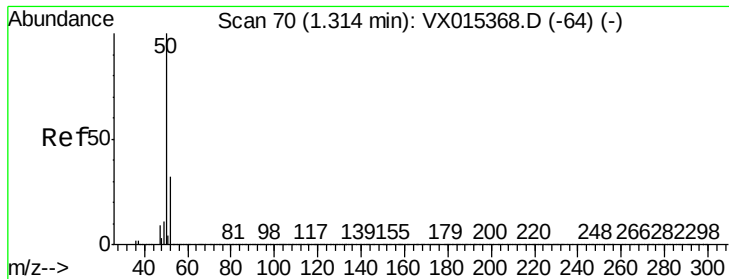
87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.304 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 579241

Ion Ratio Lower Upper

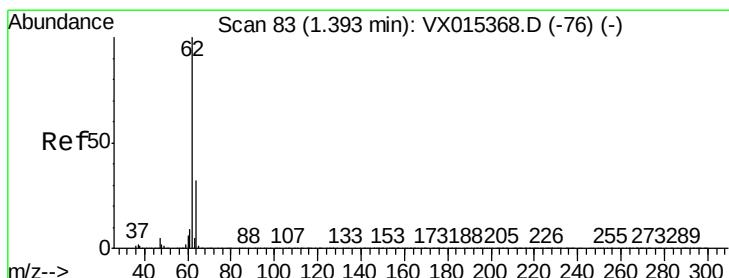
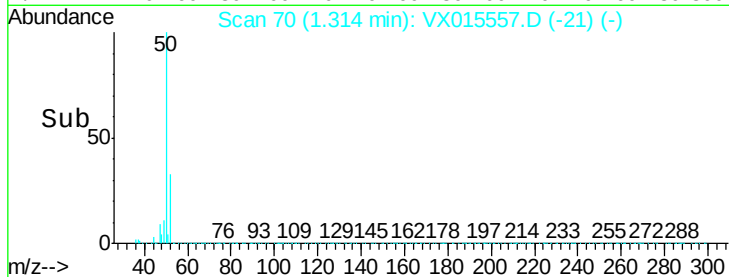
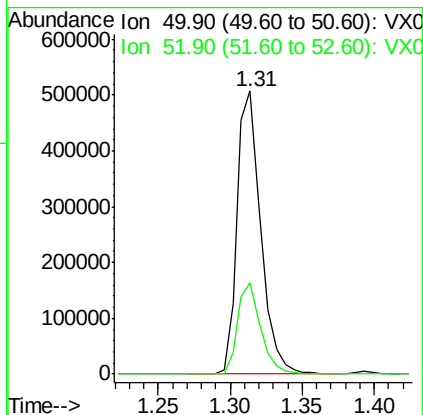
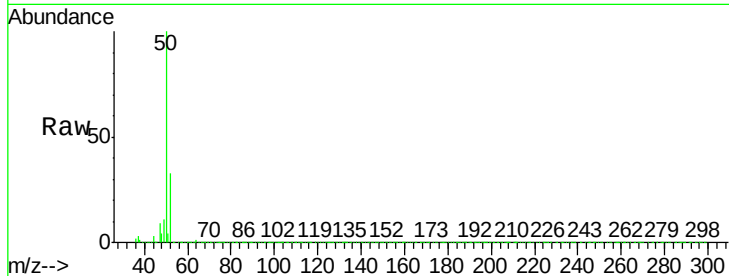
50 100

52 32.5 25.3 37.9

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:38 AM



#4

Vinyl Chloride

Concen: 48.848 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015557.D

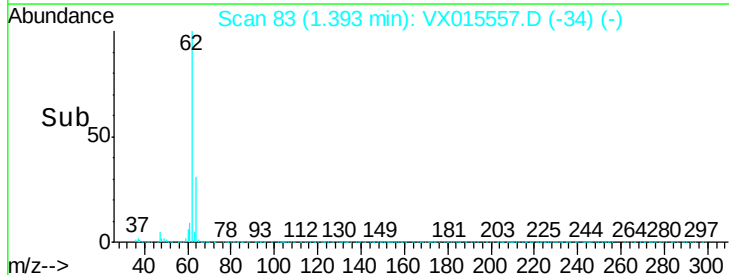
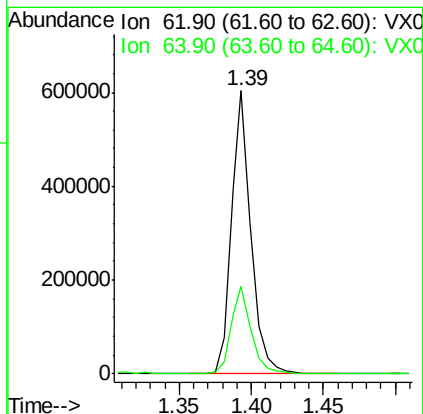
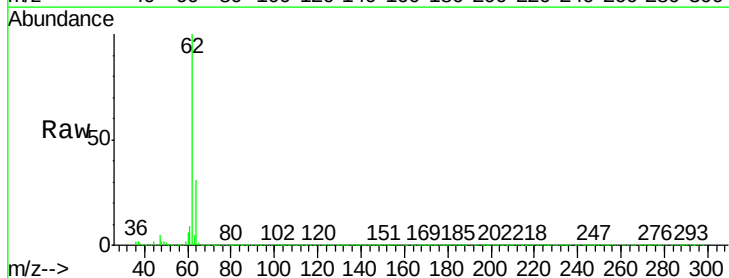
Acq: 08 Apr 2020 10:16

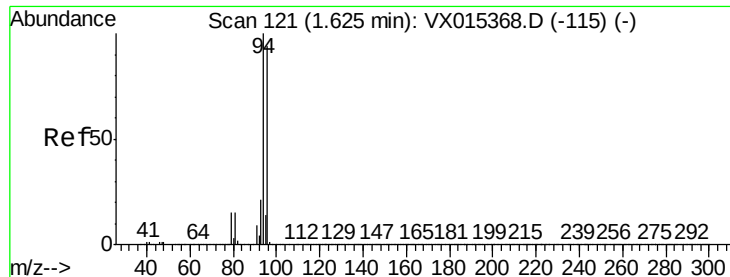
Tgt Ion: 62 Resp: 573478

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





#5

Bromomethane

Concen: 41.525 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 232142

Ion Ratio Lower Upper

94 100

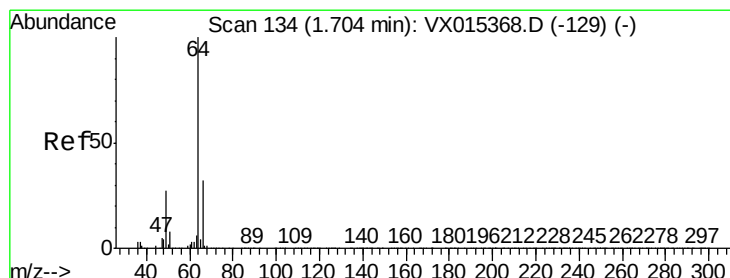
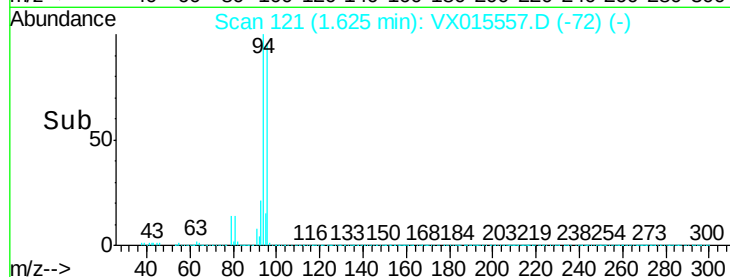
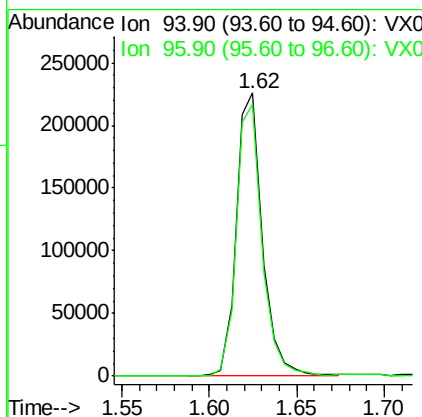
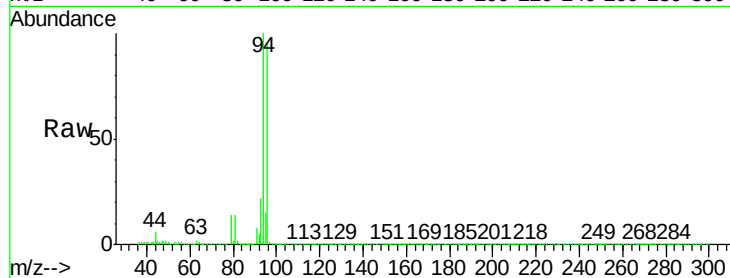
96 96.2 74.8 112.2

Manual Integrations

APPROVED

apatel

4/9/2020 9:54:38 AM



#6

Chloroethane

Concen: 50.224 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015557.D

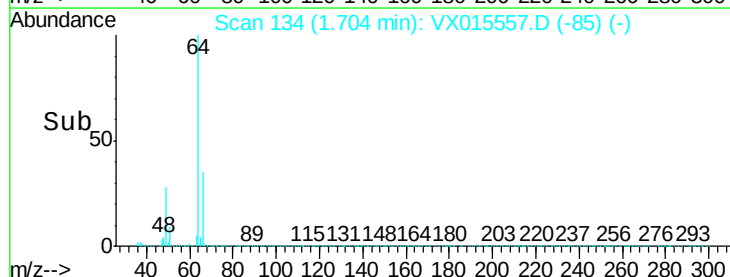
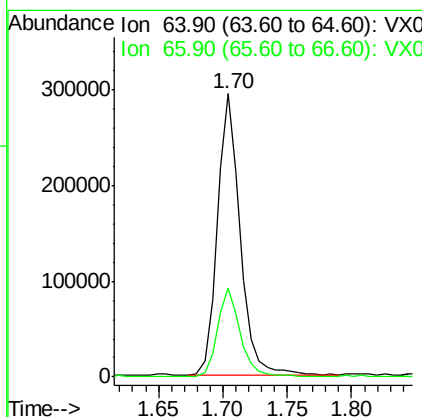
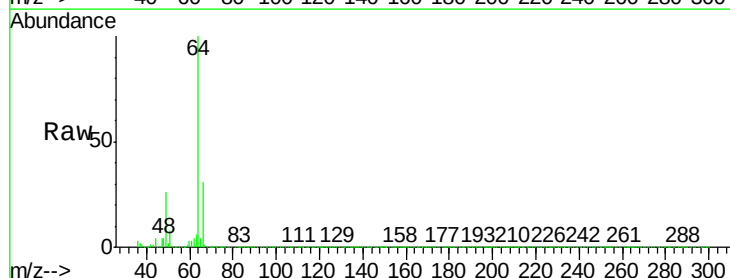
Acq: 08 Apr 2020 10:16

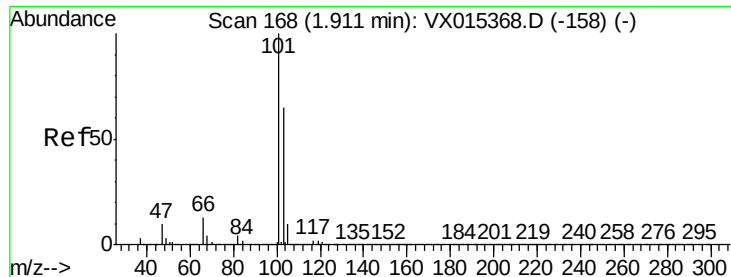
Tgt Ion: 64 Resp: 365690

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2





#7

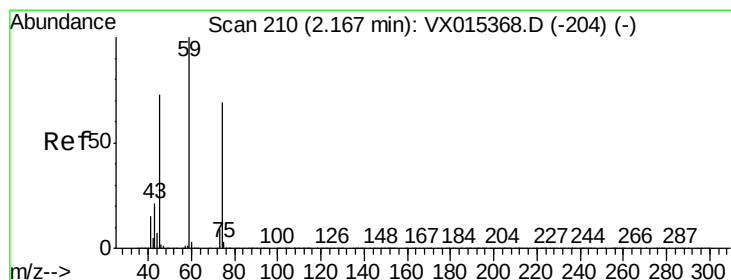
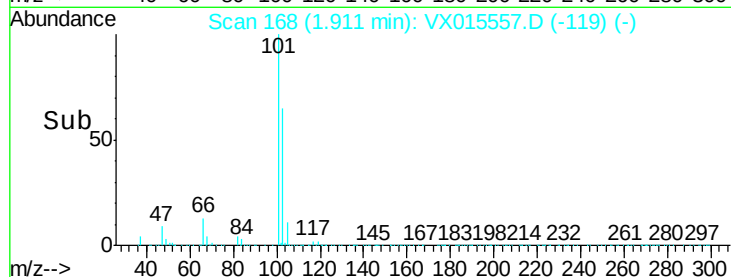
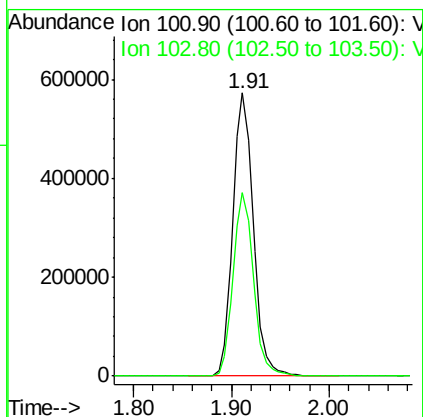
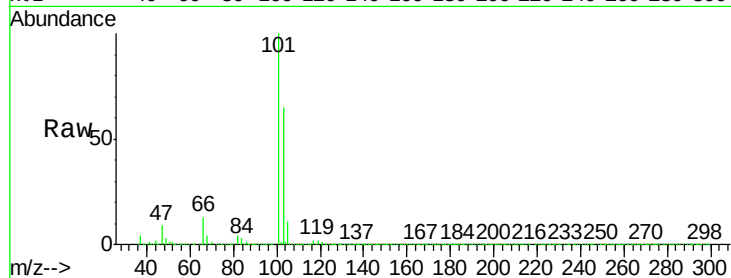
Trichlorofluoromethane
Concen: 53.071 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100				
103	64.6	52.3	78.5		

Manual Integrations
APPROVED

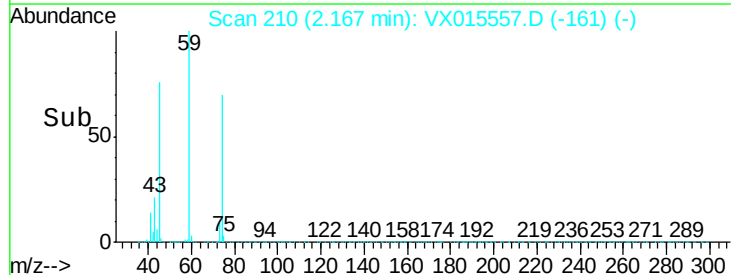
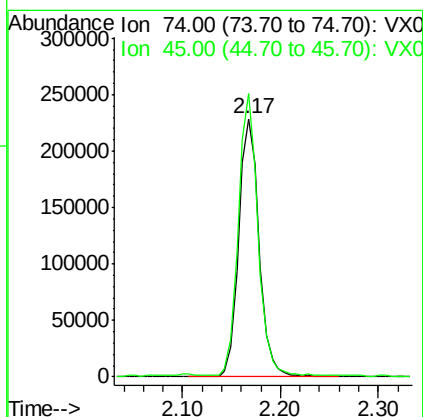
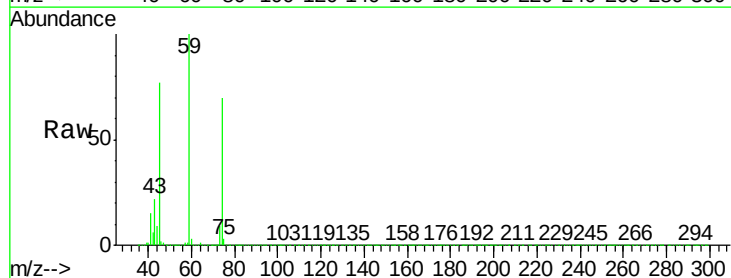
apatel
4/9/2020 9:54:38 AM

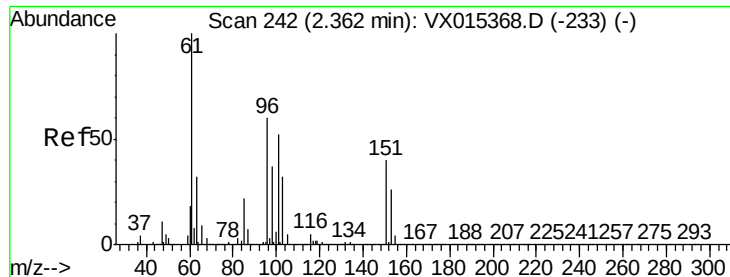


#8

Diethyl Ether
Concen: 49.461 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100				
45	104.6	53.8	161.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.622 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

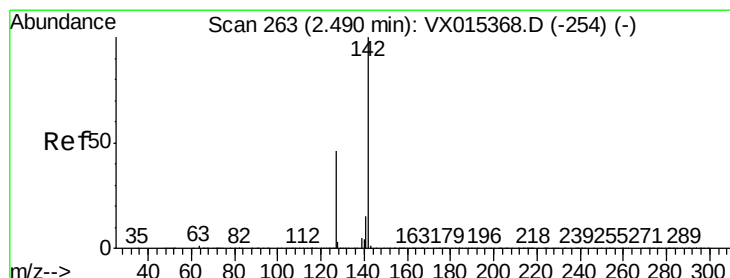
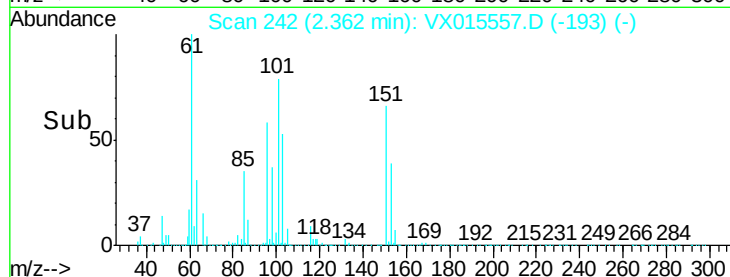
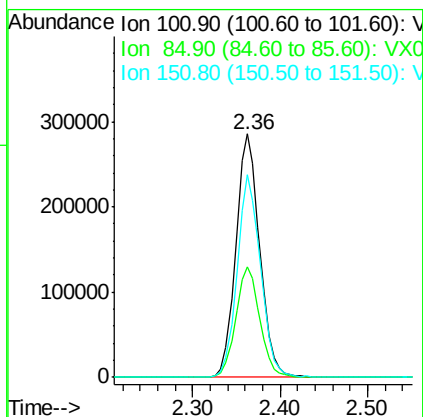
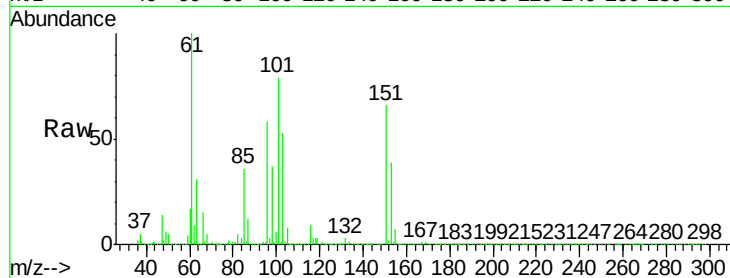
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	540101
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.0	52.4
151	82.0	64.1	96.1

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



#10

Methyl Iodide

Concen: 44.472 ug/l

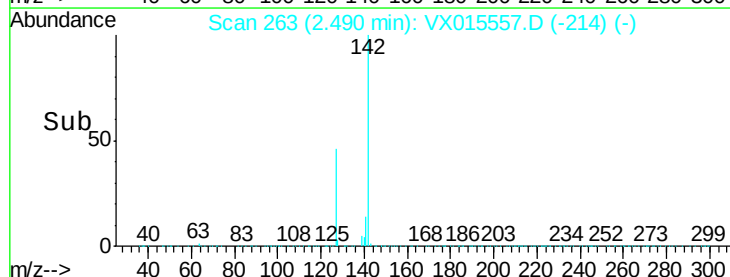
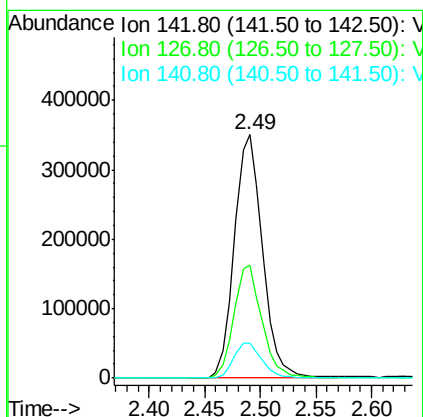
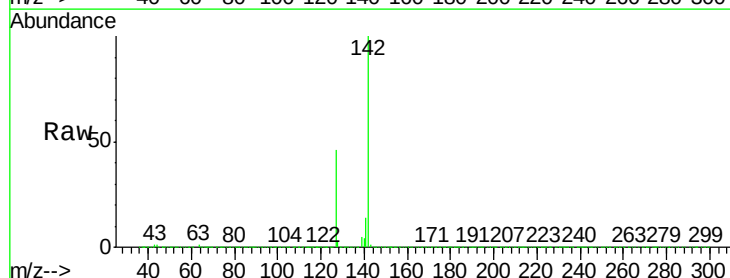
RT: 2.49 min Scan# 263

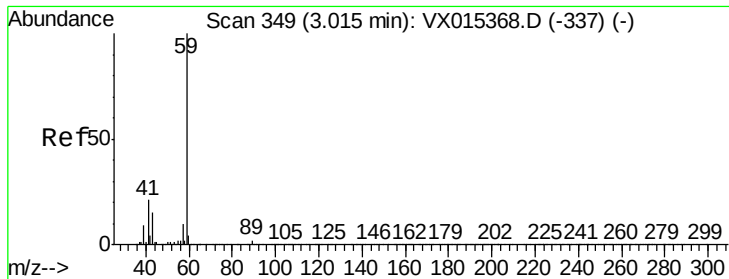
Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tgt Ion:	142	Resp:	615408
Ion Ratio	Lower	Upper	
142	100		
127	46.0	35.9	53.9
141	14.5	11.6	17.4





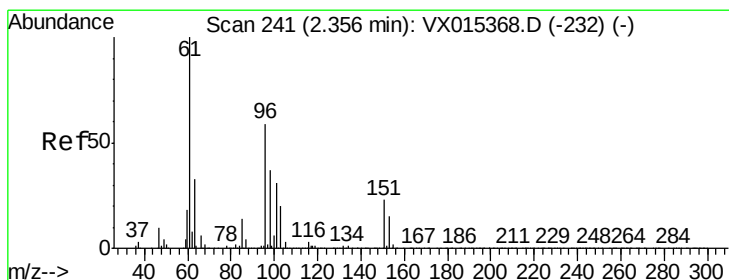
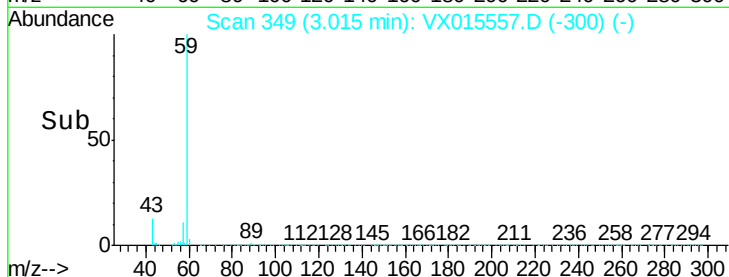
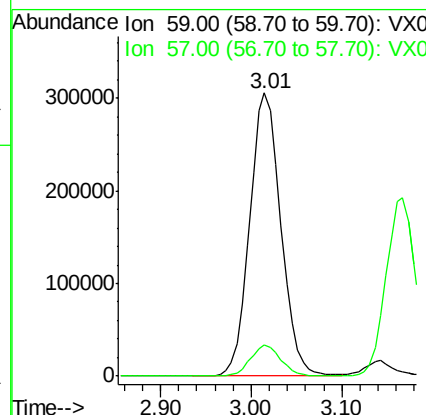
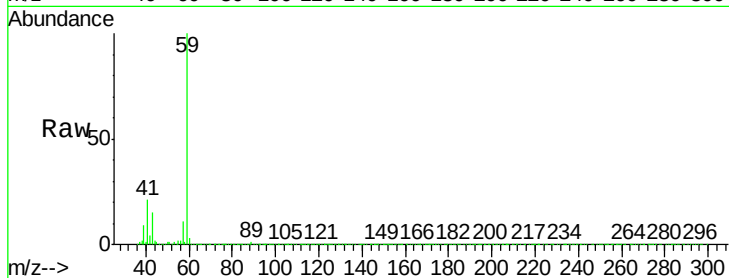
#11
Tert butyl alcohol
Concen: 188.315 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

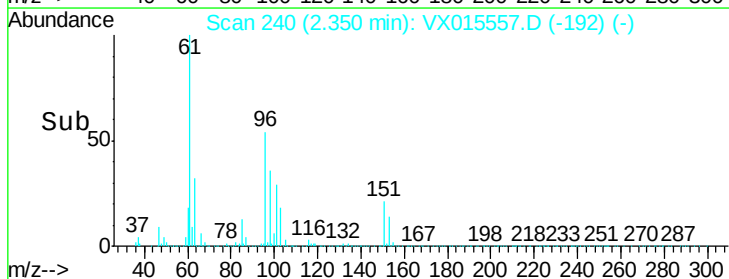
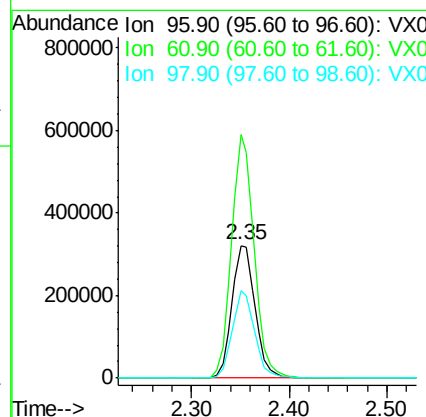
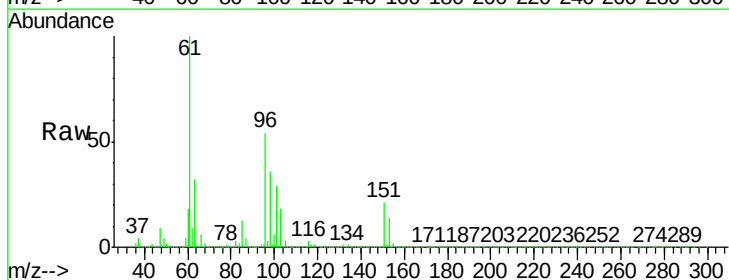
Manual Integrations
APPROVED

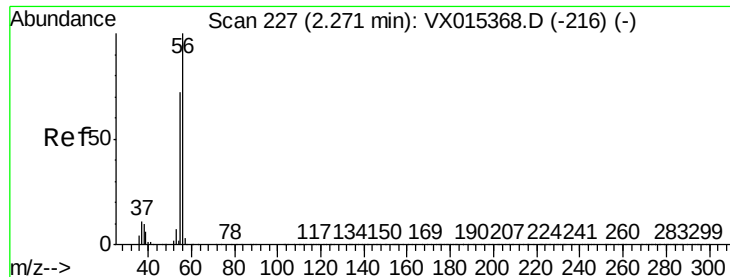
apatel
4/9/2020 9:54:38 AM



#12
1,1-Dichloroethene
Concen: 48.848 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.2	135.7	203.5
98	66.6	50.6	75.8





#13

Acrolein

Concen: 339.649 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 744318

Ion Ratio Lower Upper

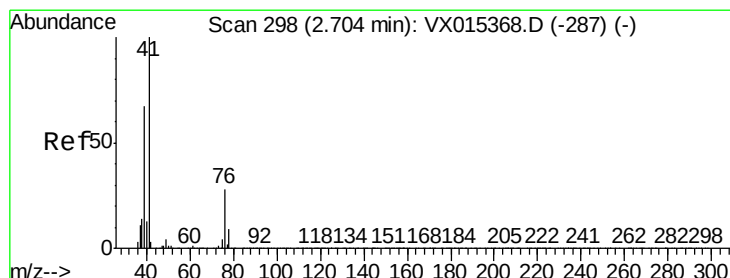
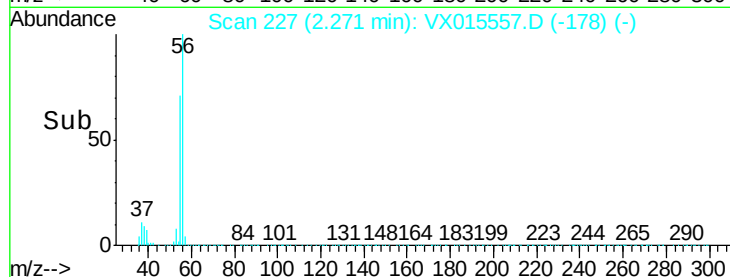
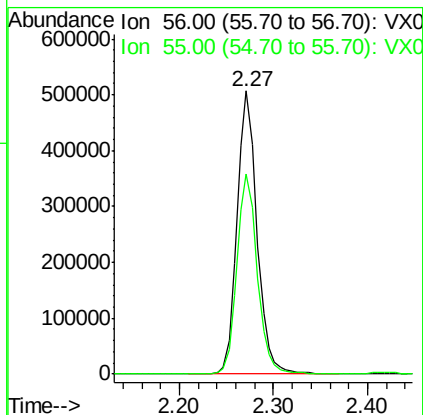
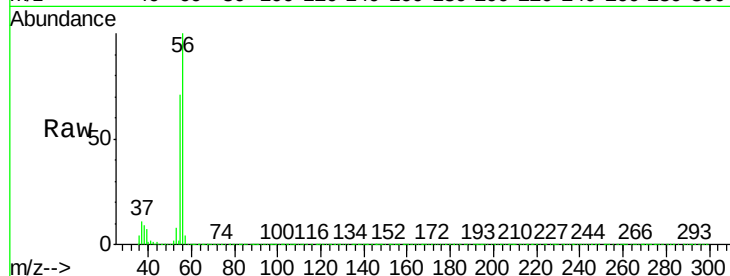
56 100

55 71.8 57.0 85.4

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:38 AM



#14

Allyl chloride

Concen: 46.684 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

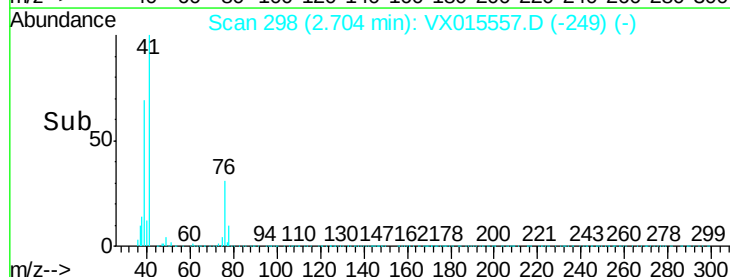
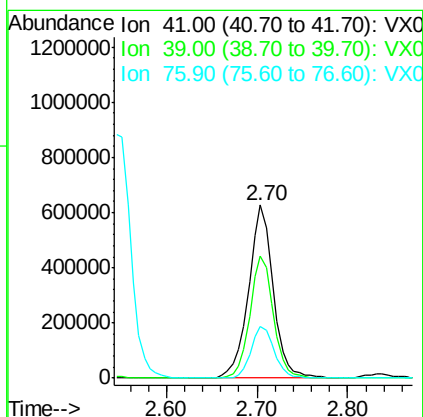
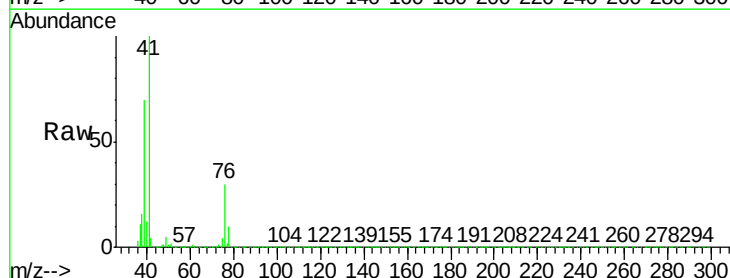
Tgt Ion: 41 Resp: 1173580

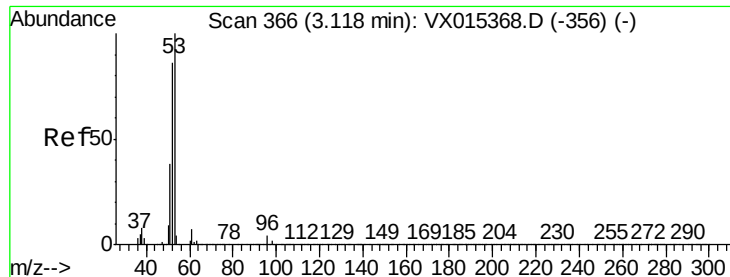
Ion Ratio Lower Upper

41 100

39 67.7 51.4 77.0

76 28.2 21.8 32.8





#15

Acrylonitrile

Concen: 219.071 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1607225

Ion Ratio Lower Upper

53 100

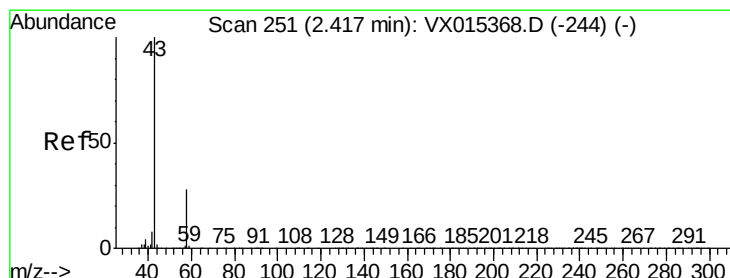
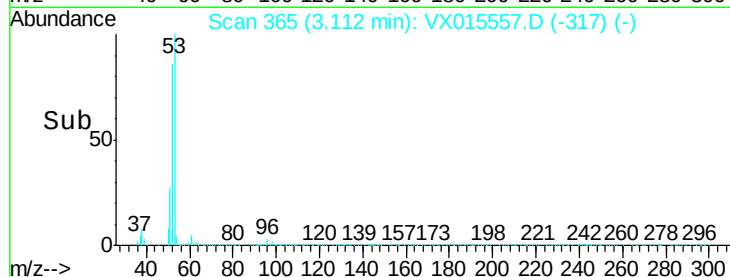
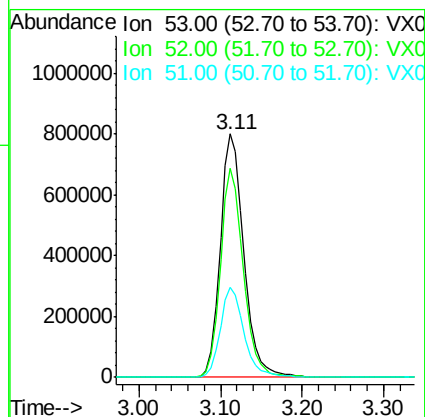
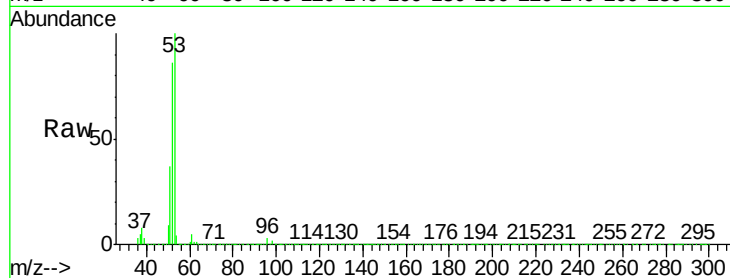
52 83.6 66.8 100.2

51 37.4 29.5 44.3

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:38 AM



#16

Acetone

Concen: 252.835 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015557.D

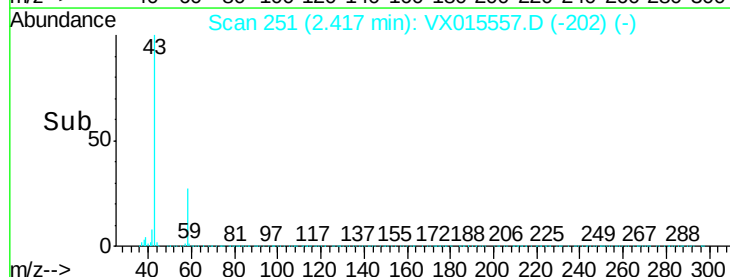
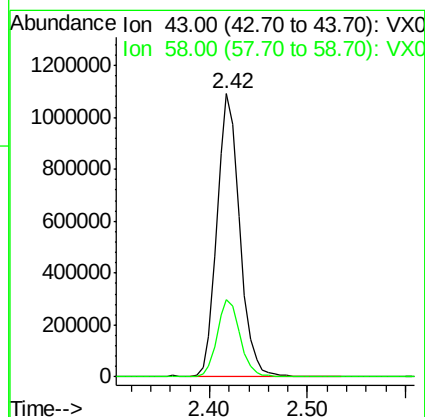
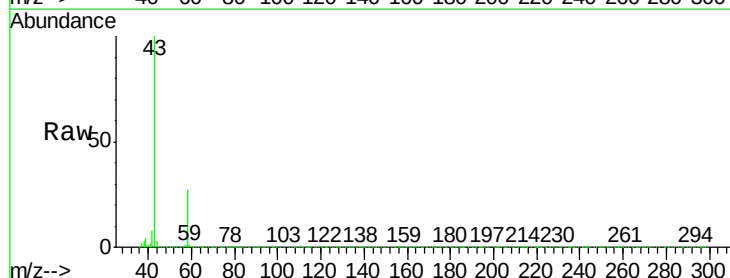
Acq: 08 Apr 2020 10:16

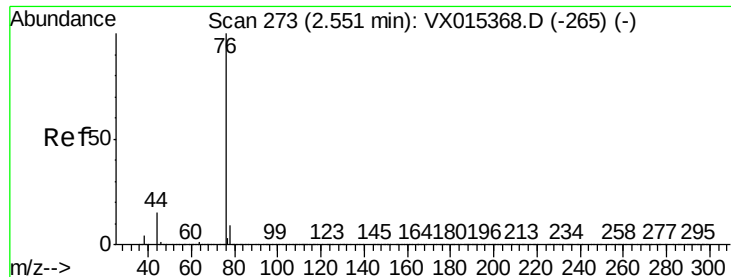
Tgt Ion: 43 Resp: 1745842

Ion Ratio Lower Upper

43 100

58 27.1 22.1 33.1





#17

Carbon Disulfide

Concen: 45.614 ug/l

RT: 2.55 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1497060

Ion Ratio Lower Upper

76 100

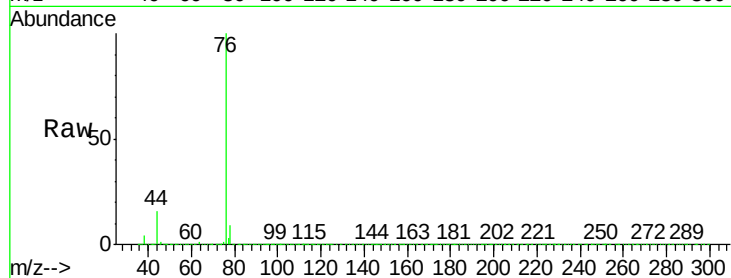
78 9.3 7.1 10.7

Manual Integrations

APPROVED

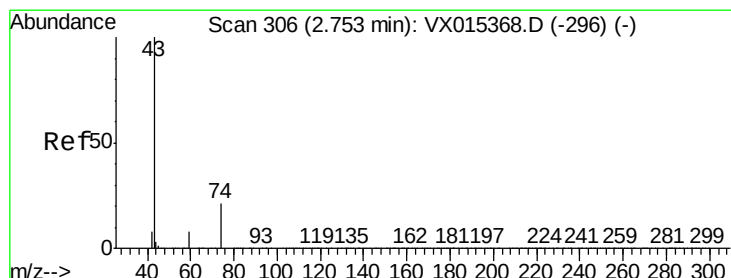
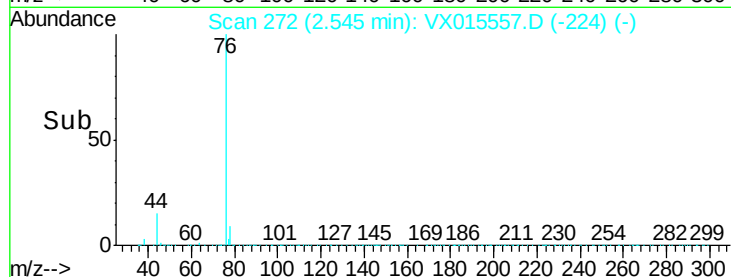
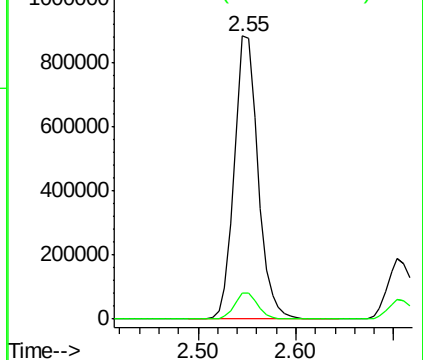
apatel

4/9/2020 9:54:38 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.460 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015557.D

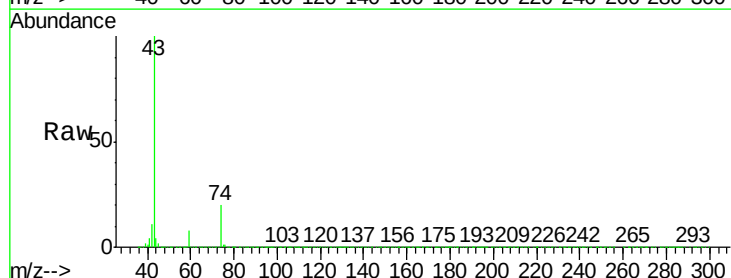
Acq: 08 Apr 2020 10:16

Tgt Ion: 43 Resp: 783549

Ion Ratio Lower Upper

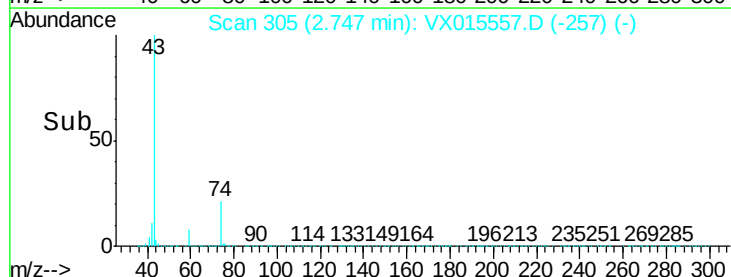
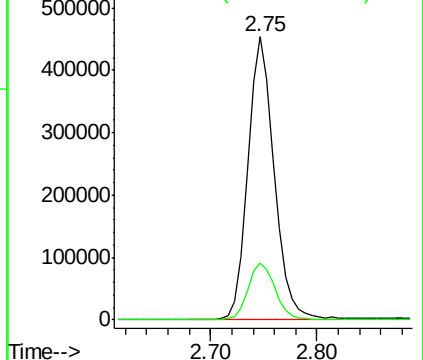
43 100

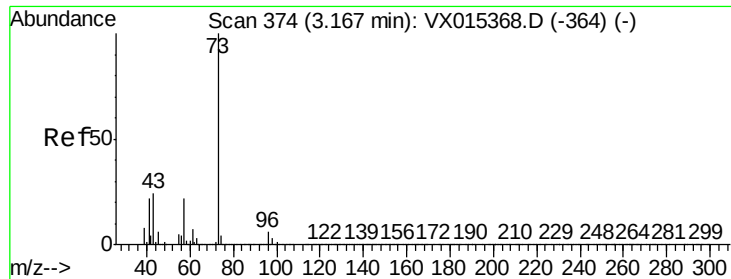
74 21.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





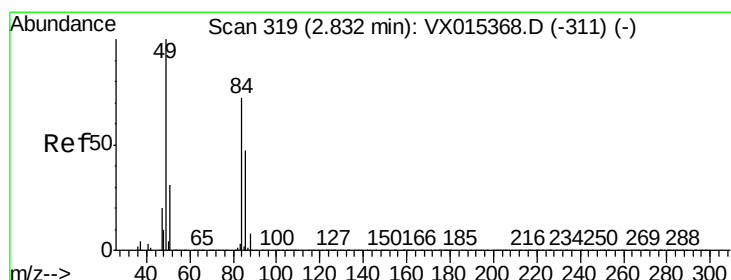
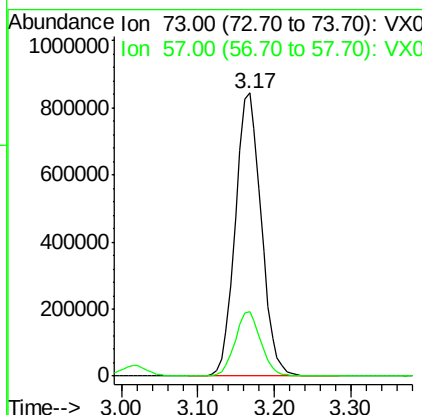
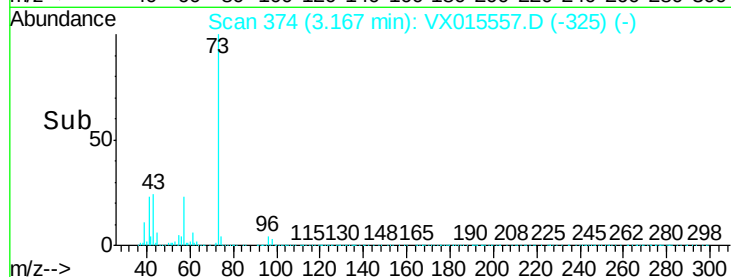
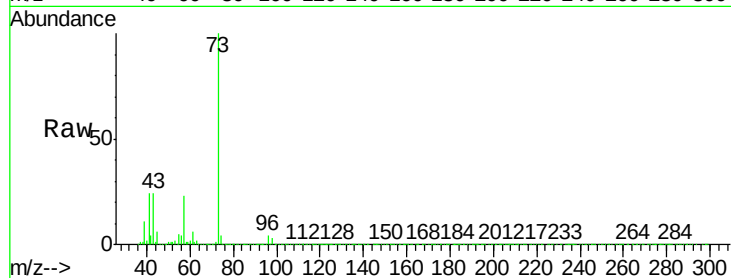
#19
Methyl tert-butyl Ether
Concen: 47.321 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1974561
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

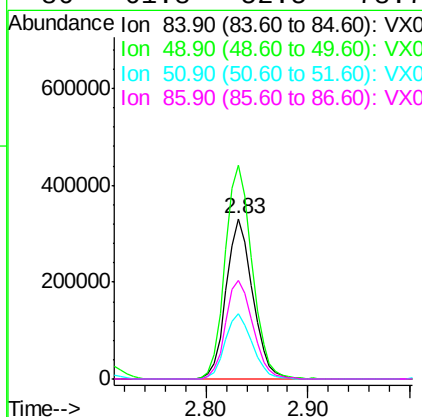
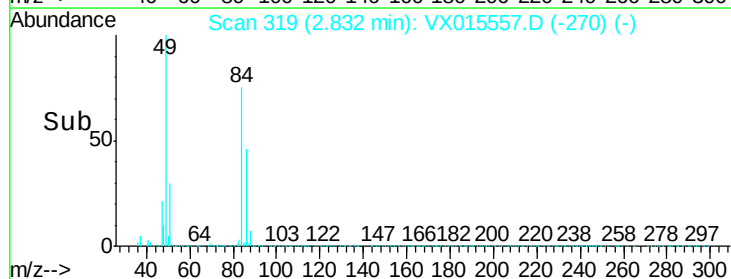
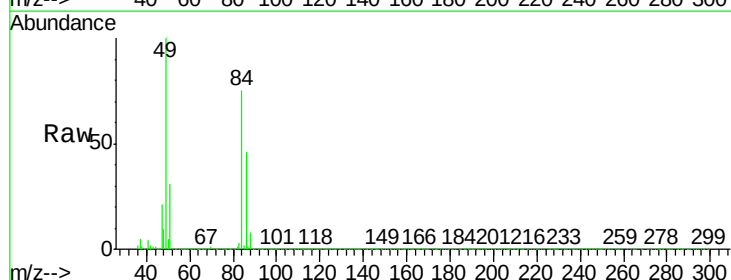
Manual Integrations
APPROVED

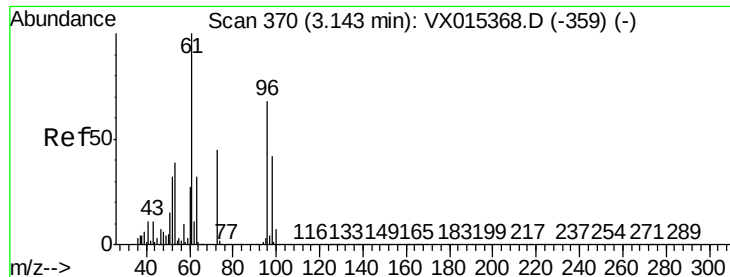
apatel
4/9/2020 9:54:38 AM



#20
Methylene Chloride
Concen: 46.142 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion: 84 Resp: 595127
Ion Ratio Lower Upper
84 100
49 133.1 111.3 166.9
51 40.6 34.0 51.0
86 61.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.831 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

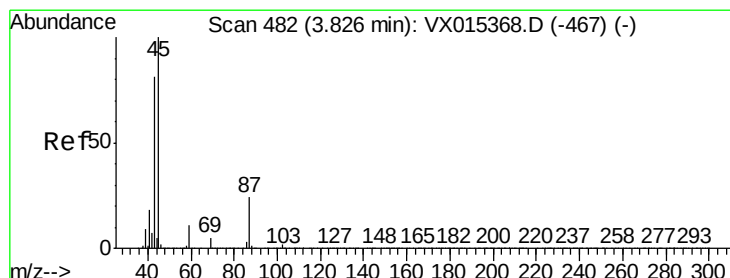
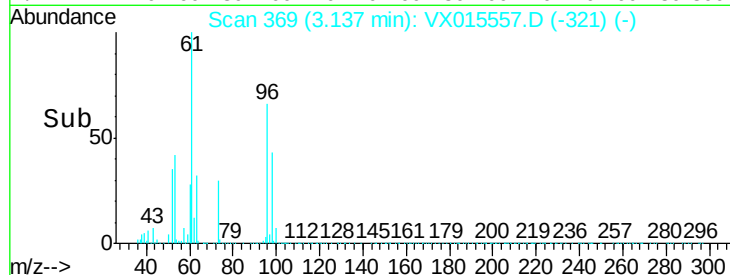
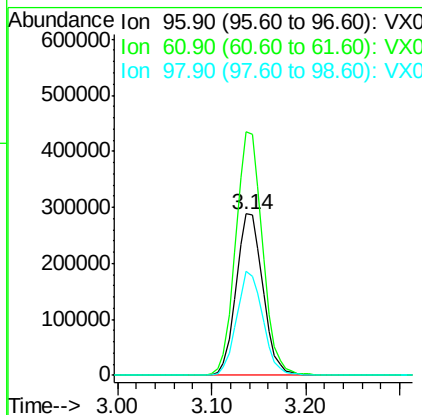
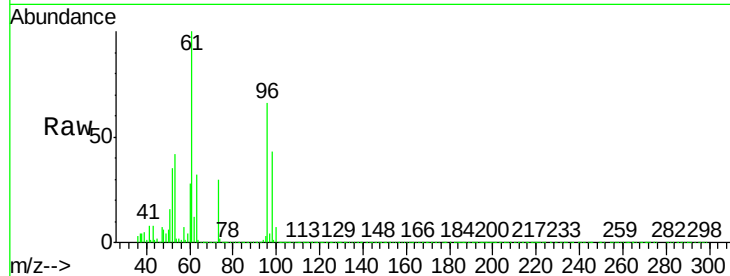
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	571114
Ion	Ratio	Lower	Upper
96	100		
61	150.6	116.9	175.3
98	64.0	48.6	73.0

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



#22

Diisopropyl ether

Concen: 48.685 ug/l

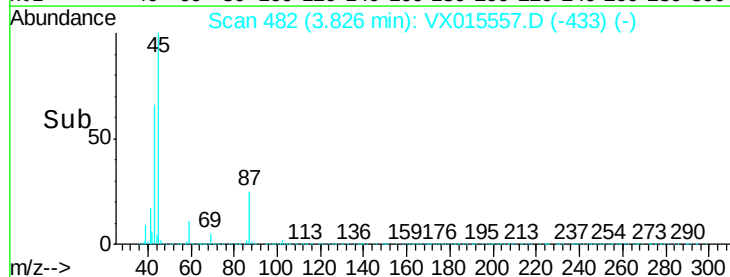
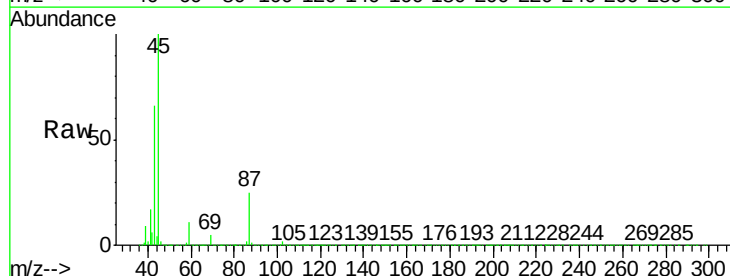
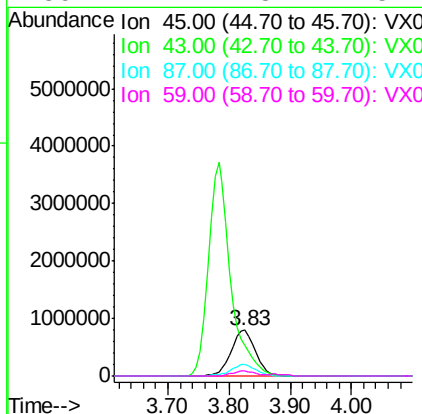
RT: 3.83 min Scan# 482

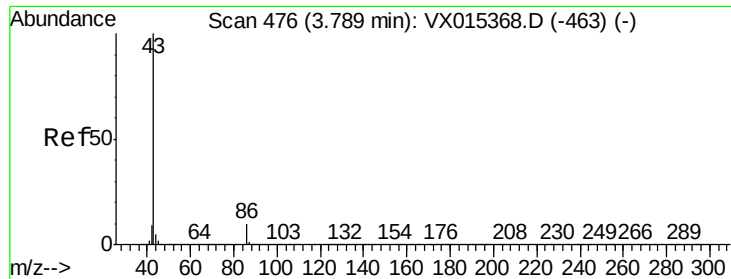
Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tgt Ion:	45	Resp:	2168694
Ion	Ratio	Lower	Upper
45	100		
43	66.0	64.7	97.1
87	25.2	19.4	29.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 235.834 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9511605

Ion Ratio Lower Upper

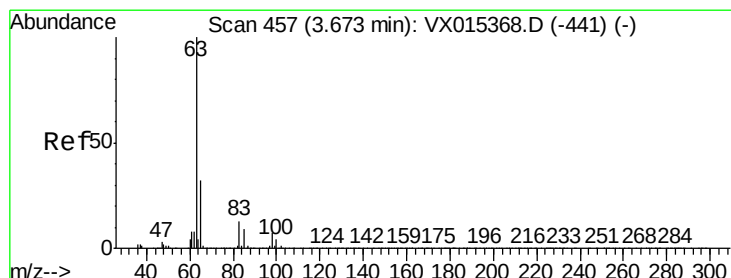
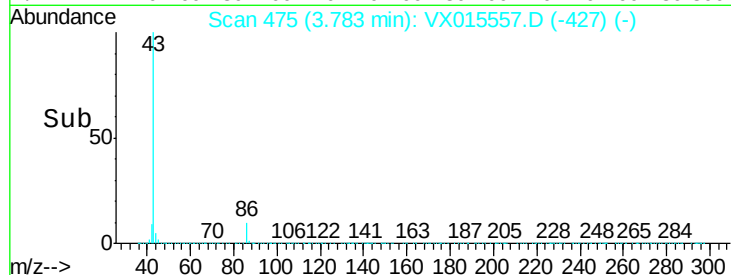
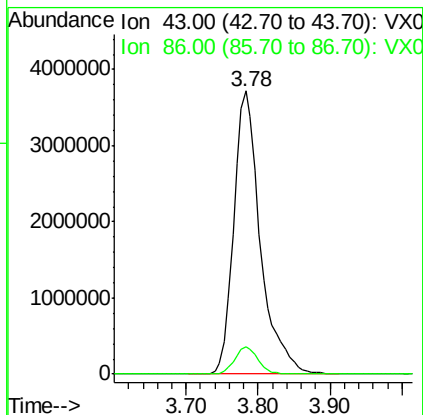
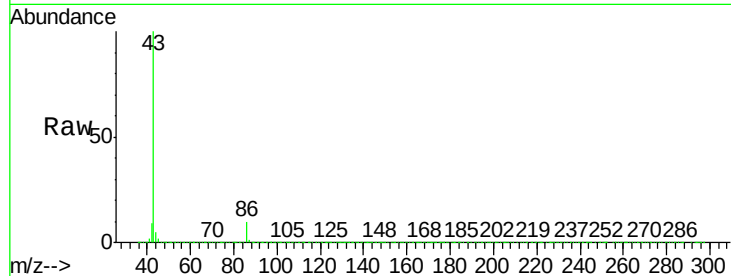
43 100

86 9.5 7.8 11.6

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:38 AM



#24

1,1-Dichloroethane

Concen: 47.317 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

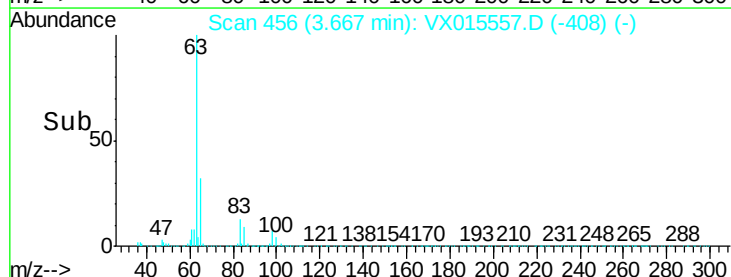
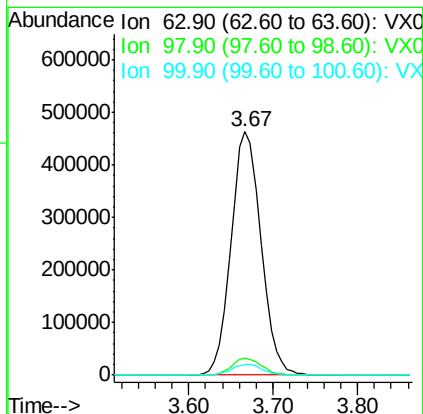
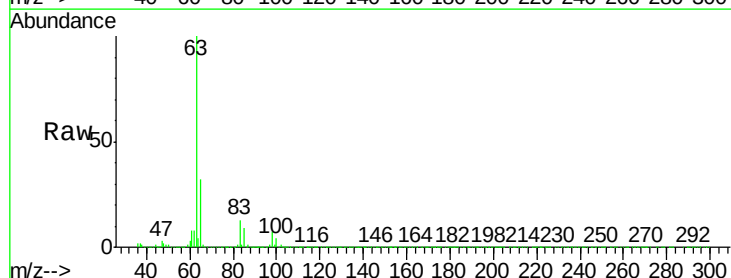
Tgt Ion: 63 Resp: 1109767

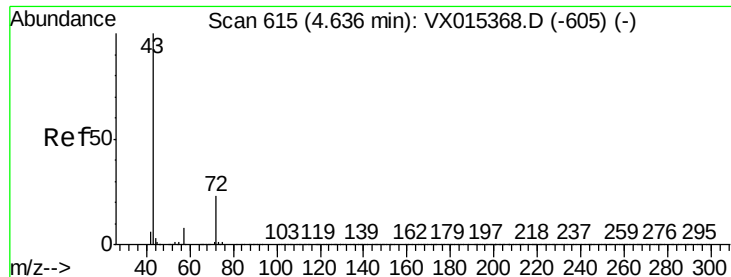
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 225.912 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tot Ion: 43 Resp: 2508712

Ion Ratio Lower Upper

43 100

72 22.6 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

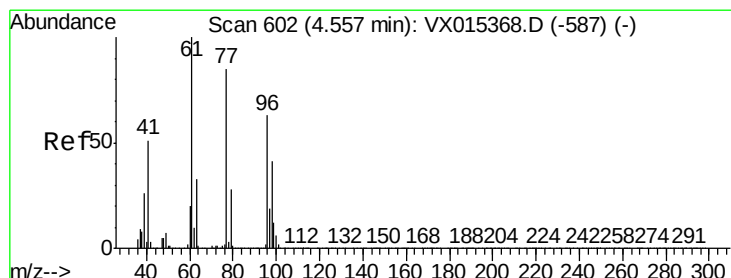
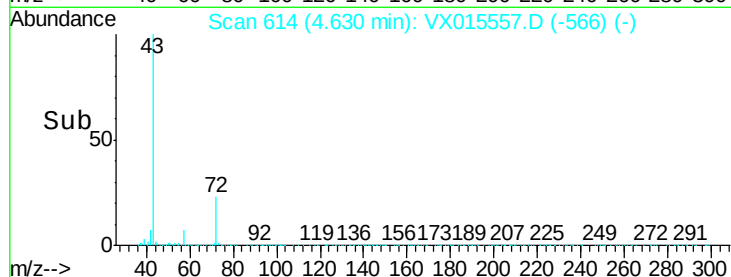
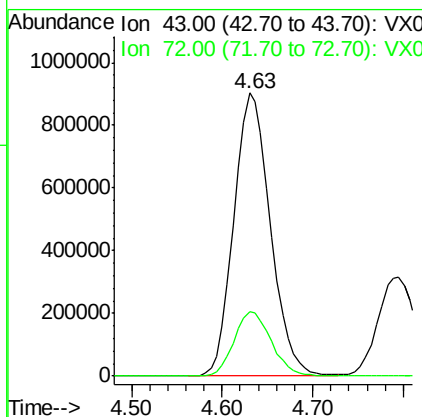
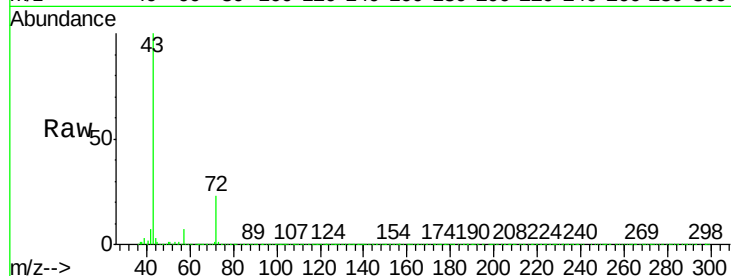
VSTDCCC050

Manual Integrations

APPROVED

apatel

4/9/2020 9:54:38 AM



#26

2,2-Dichloropropane

Concen: 53.750 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015557.D

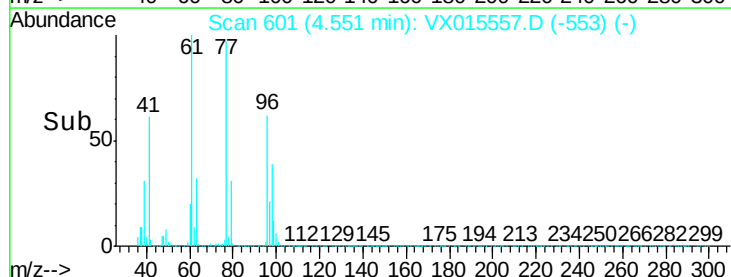
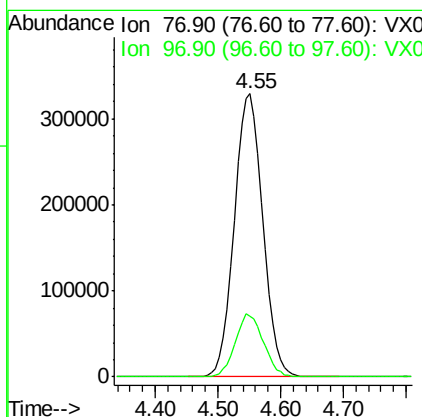
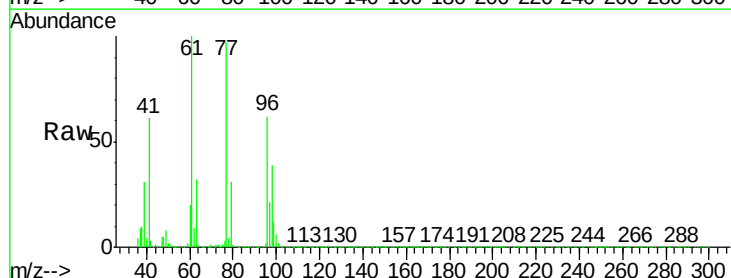
Acq: 08 Apr 2020 10:16

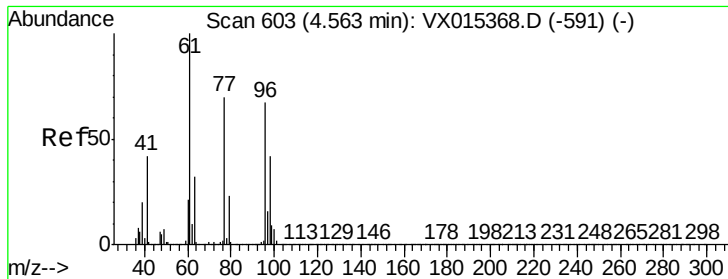
Tgt Ion: 77 Resp: 1034763

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.8





#27

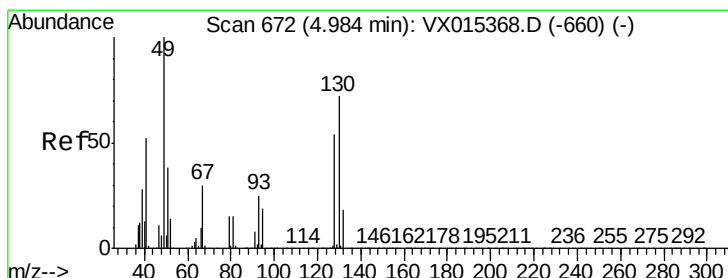
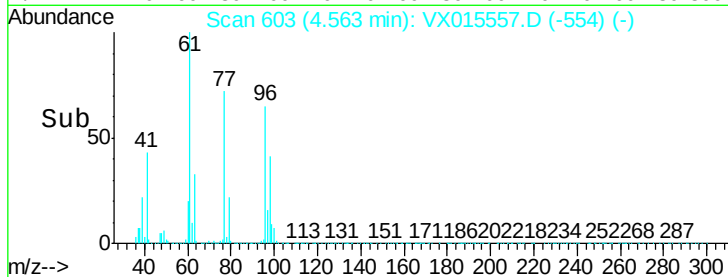
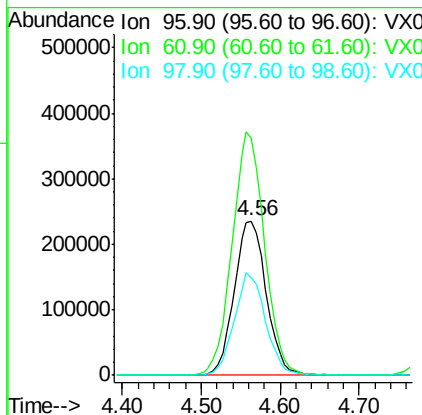
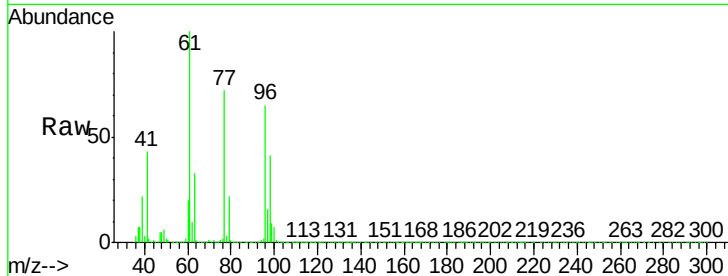
cis-1,2-Dichloroethene
Concen: 47.880 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	661417		
61	160.0	0.0	308.4	
98	64.8	0.0	129.2	

Manual Integrations
APPROVED

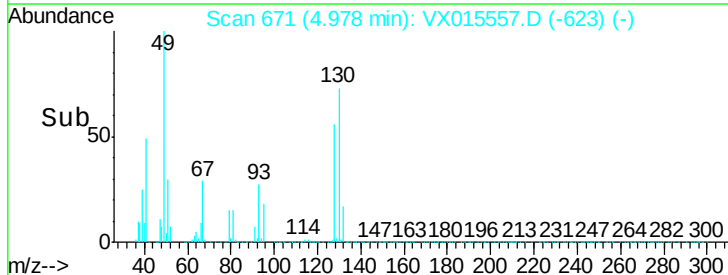
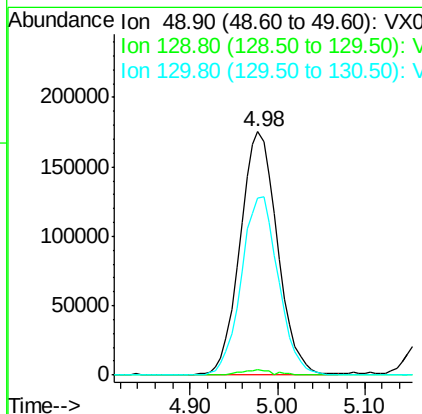
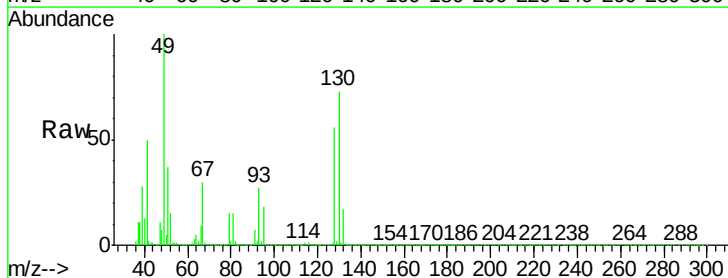
apatel
4/9/2020 9:54:38 AM

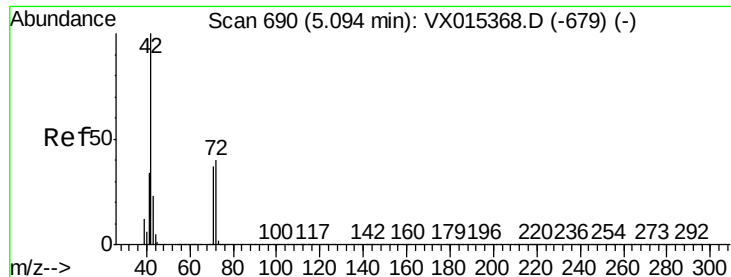


#28

Bromochloromethane
Concen: 46.338 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	518897		
129	1.6	0.0	4.4	
130	72.9	57.7	86.5	





#29

Tetrahydrofuran

Concen: 213.986 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 42 Resp: 1527646

Ion Ratio Lower Upper

42 100

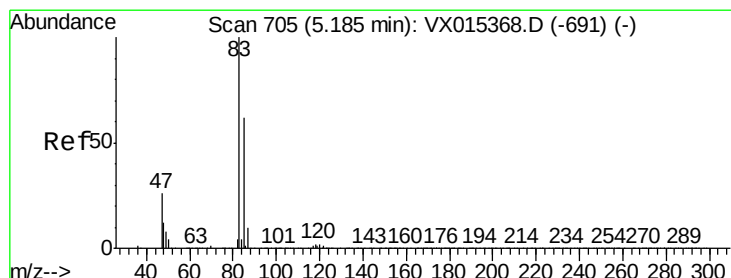
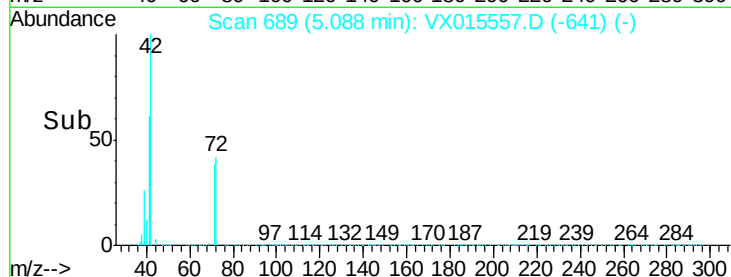
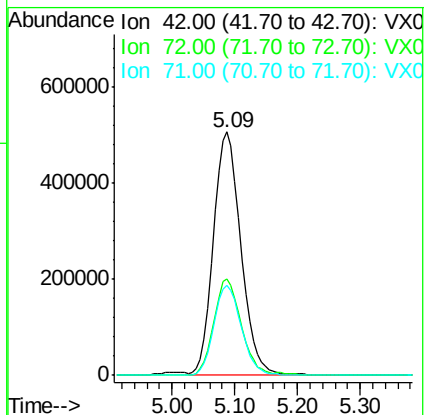
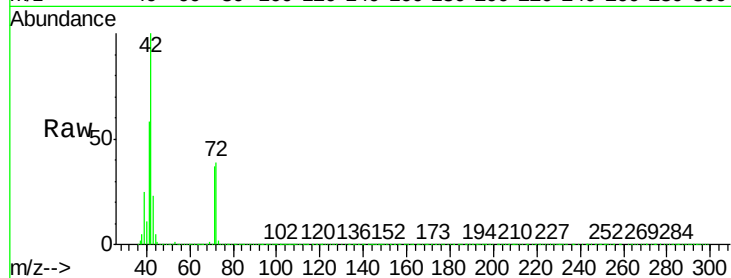
72 39.6 31.7 47.5

71 37.1 29.6 44.4

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:38 AM



#30

Chloroform

Concen: 48.545 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015557.D

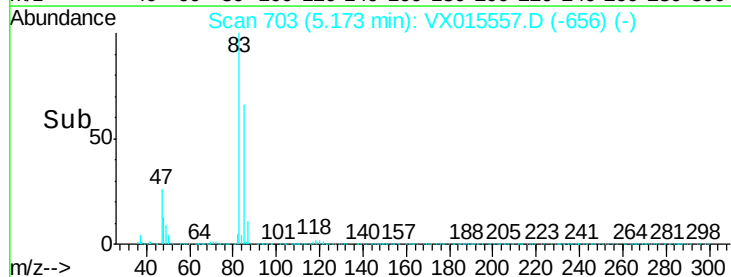
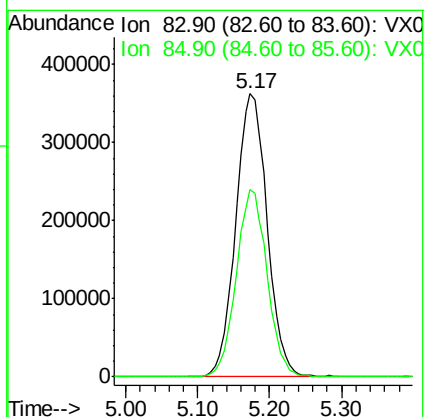
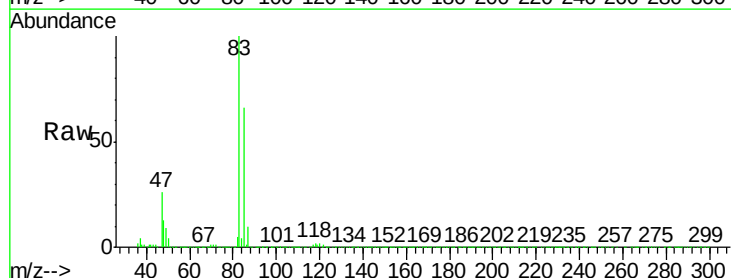
Acq: 08 Apr 2020 10:16

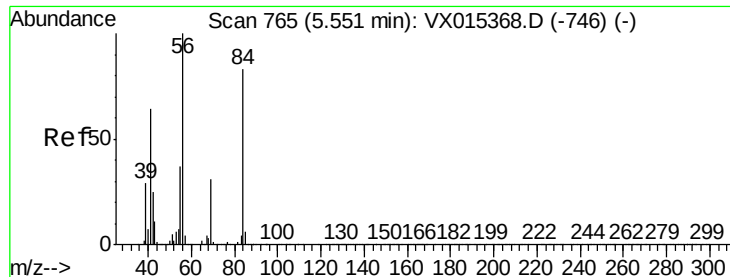
Tgt Ion: 83 Resp: 1095410

Ion Ratio Lower Upper

83 100

85 66.3 49.5 74.3





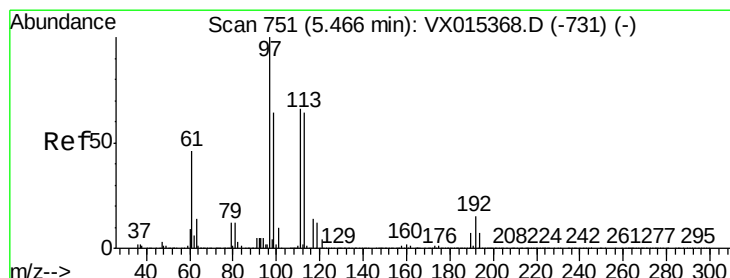
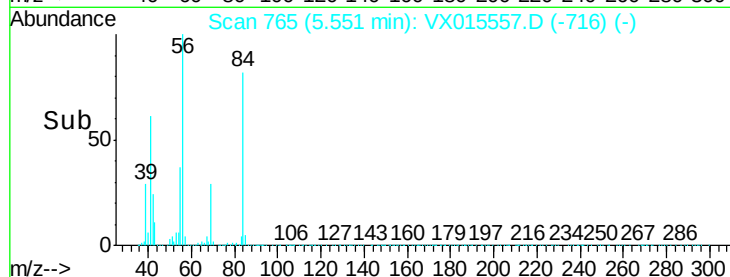
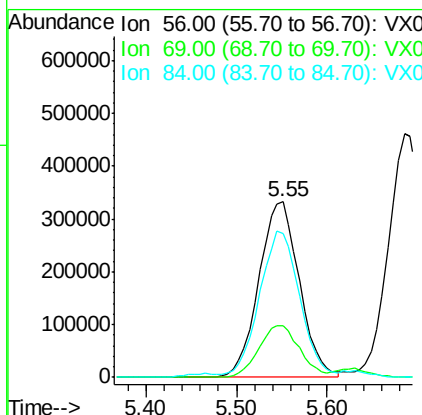
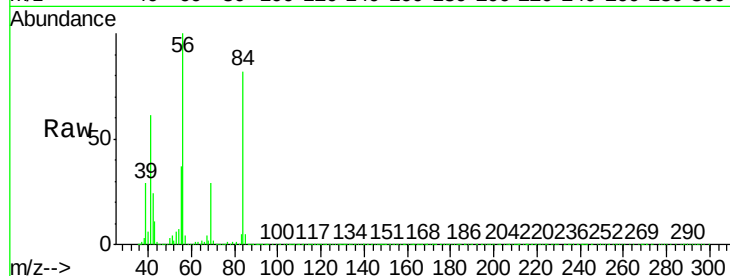
#31
Cyclohexane
Concen: 50.310 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.6	36.8
84	80.3	66.1	99.1

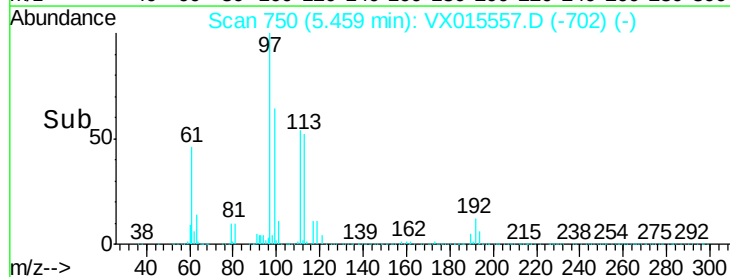
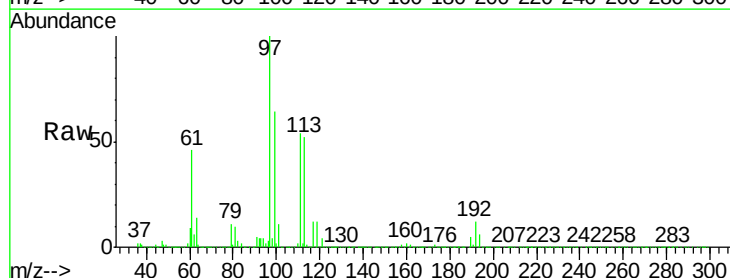
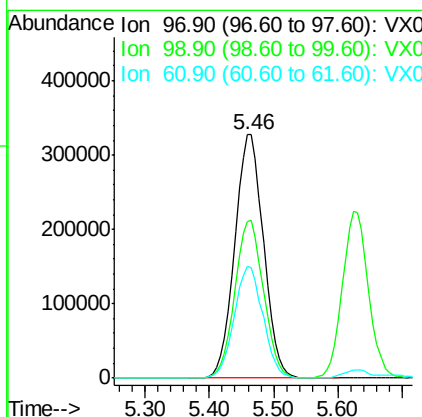
Manual Integrations
APPROVED

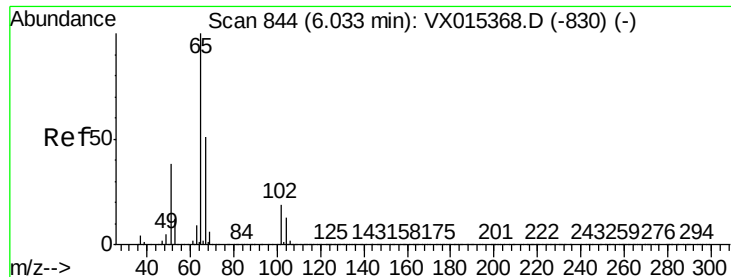
apatel
4/9/2020 9:54:38 AM



#32
1,1,1-Trichloroethane
Concen: 49.487 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	45.9	36.1	54.1





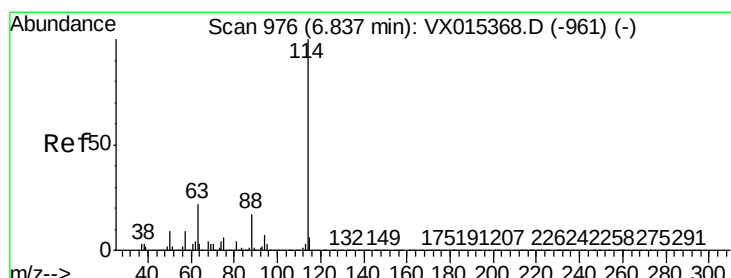
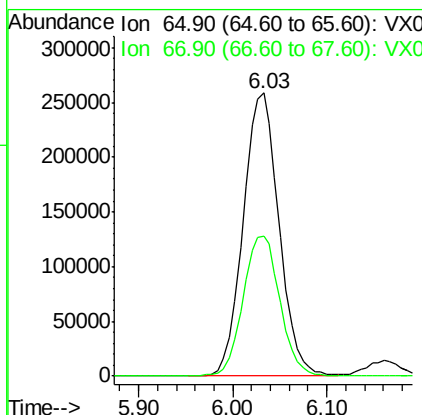
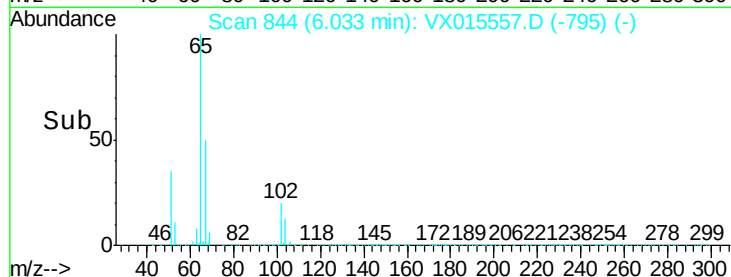
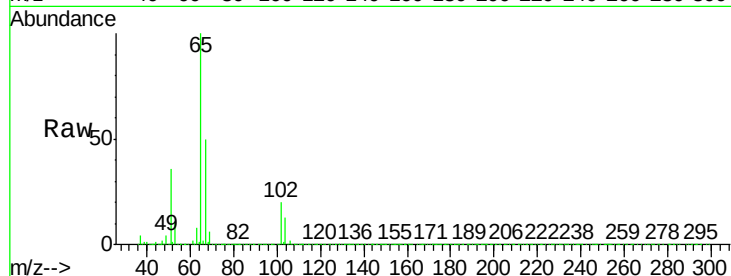
#33
 1,2-Dichloroethane-d4
 Concen: 42.614 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	684910		
67	50.7	0.0	102.6	

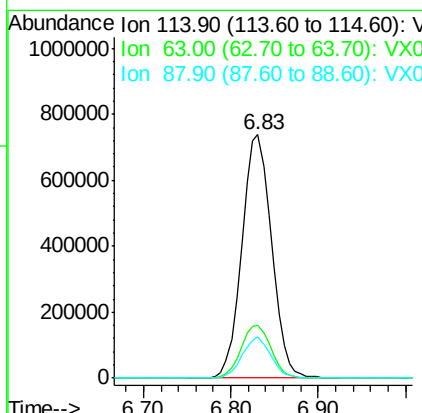
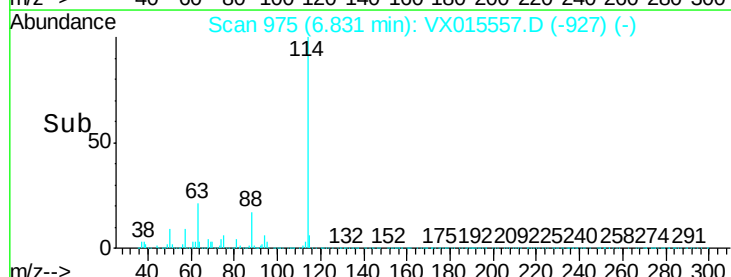
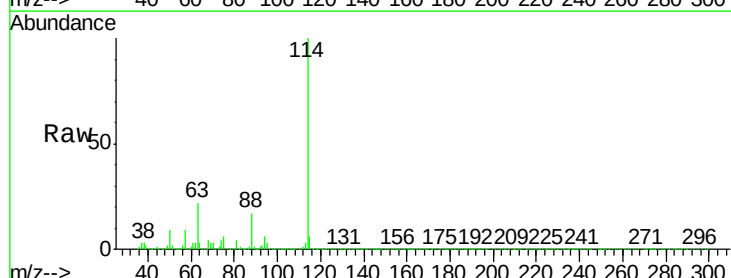
Manual Integrations
 APPROVED

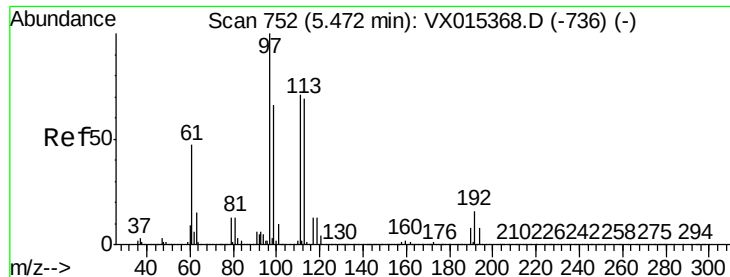
apatel
 4/9/2020 9:54:38 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1740295		
63	21.5	0.0	44.2	
88	16.7	0.0	33.8	





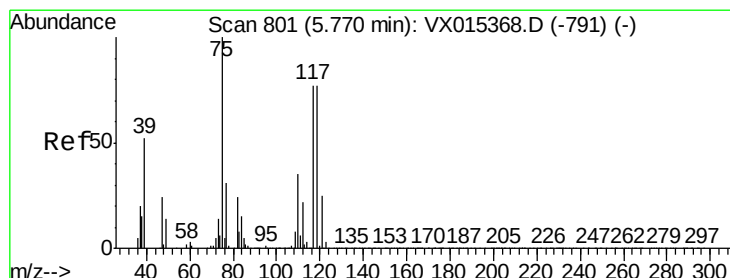
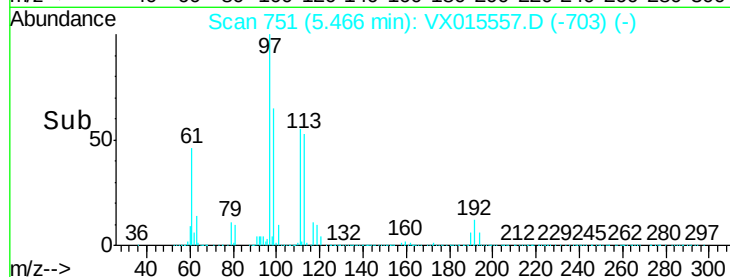
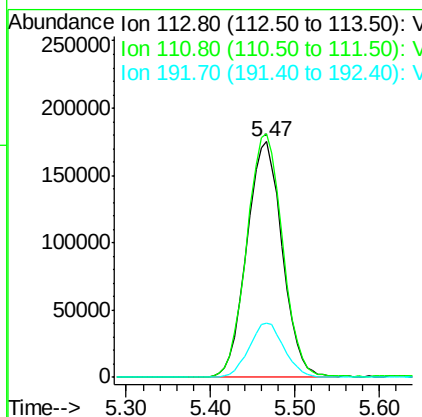
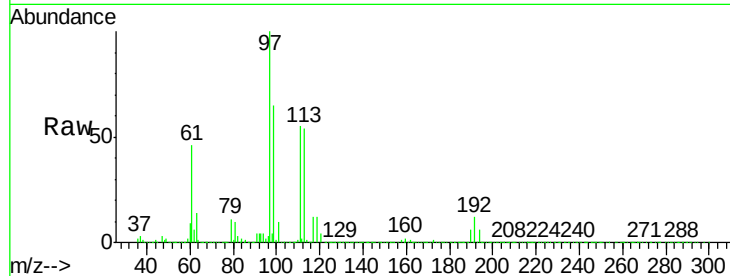
#35
 Dibromofluoromethane
 Concen: 45.263 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.5	122.3
192	22.6	17.8	26.6

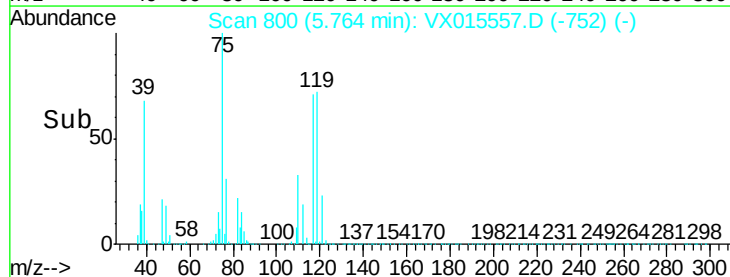
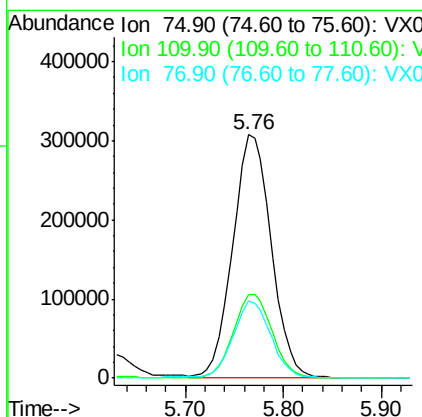
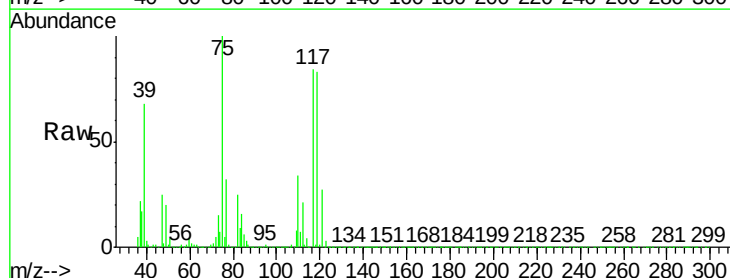
Manual Integrations
 APPROVED

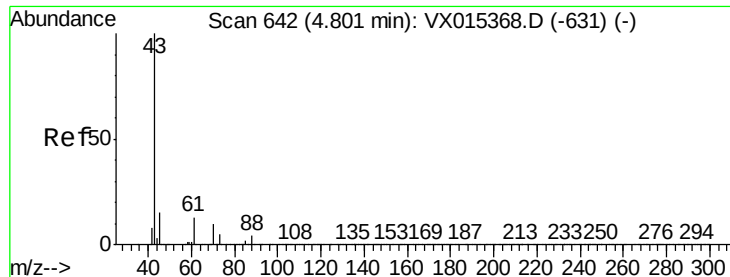
apatel
 4/9/2020 9:54:38 AM



#36
 1,1-Dichloropropene
 Concen: 52.008 ug/l
 RT: 5.76 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.1	51.3
77	32.0	24.6	36.8





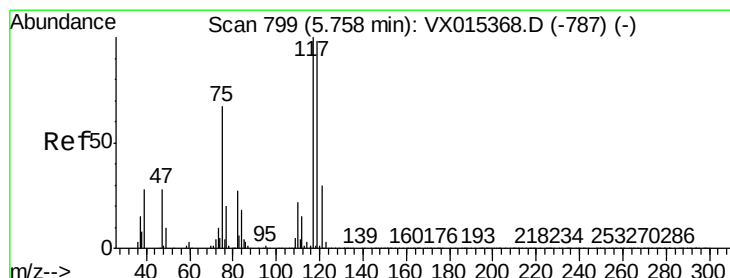
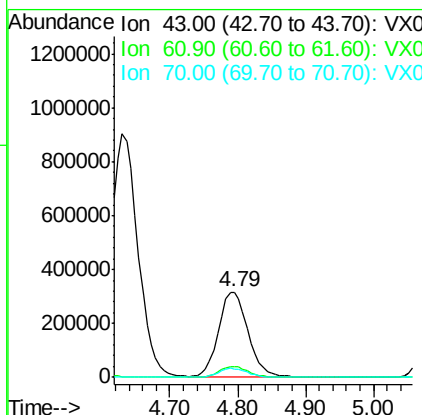
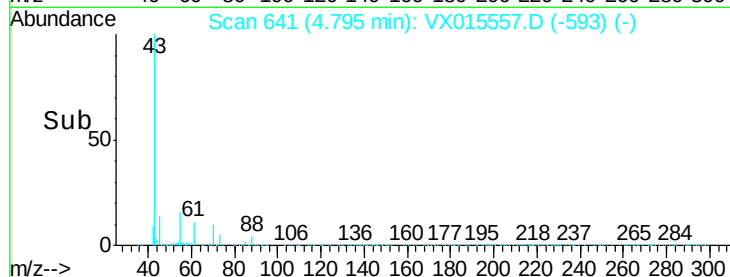
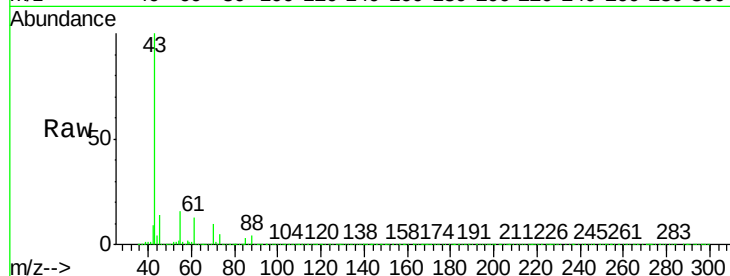
#37
Ethyl Acetate
Concen: 45.403 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.1	8.1	12.1

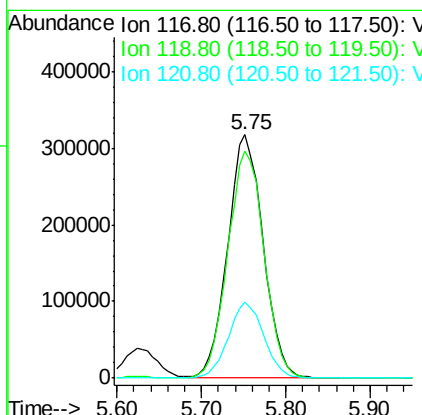
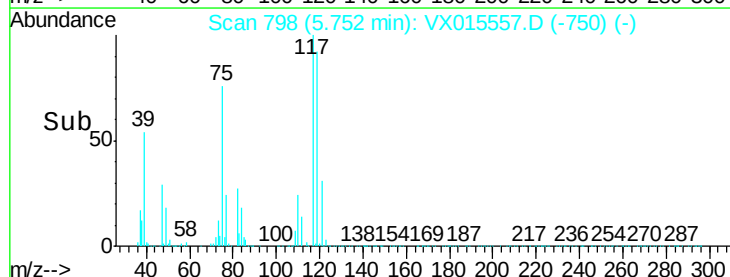
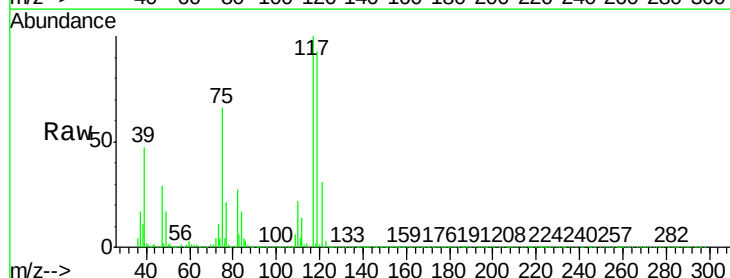
Manual Integrations
APPROVED

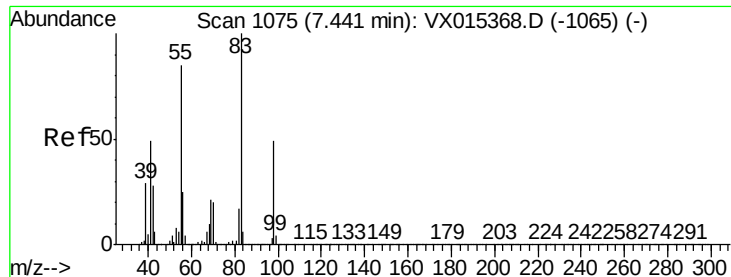
apatel
4/9/2020 9:54:38 AM



#38
Carbon Tetrachloride
Concen: 52.152 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.0	117.0
121	31.0	23.8	35.8





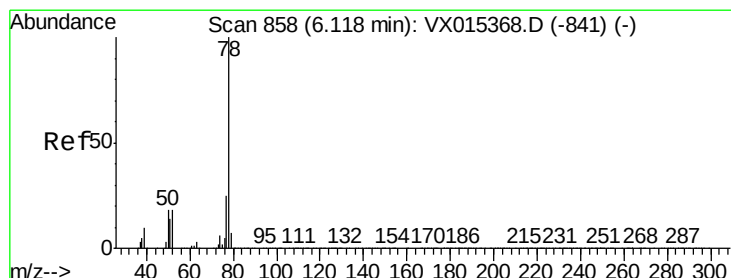
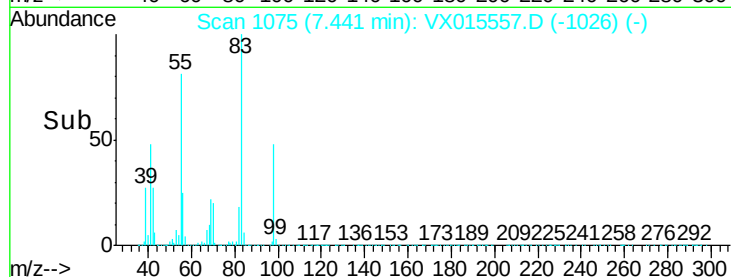
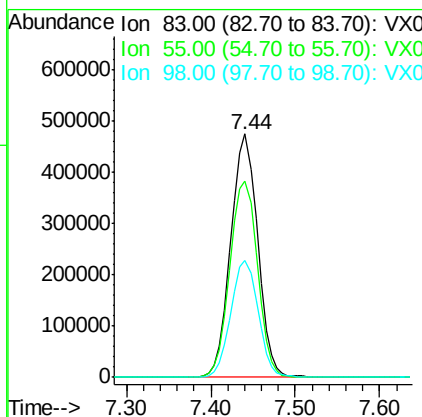
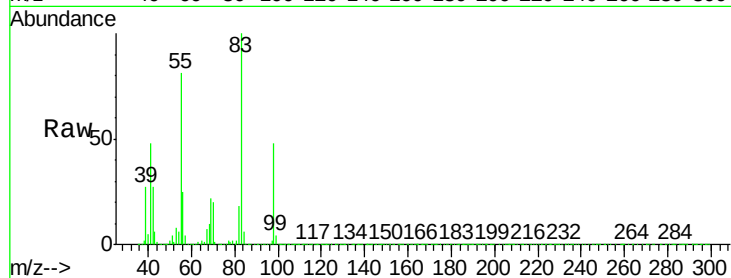
#39
Methylvlcyclohexane
Concen: 55.271 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	67.8	101.6
98	48.2	39.3	58.9

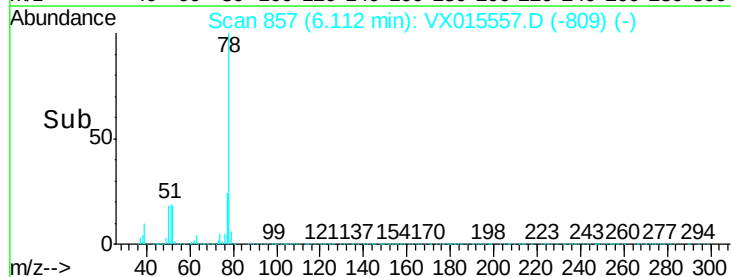
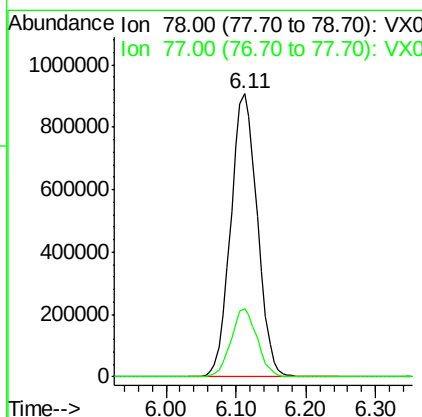
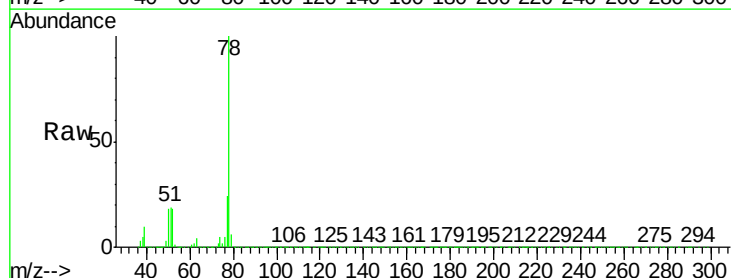
Manual Integrations
APPROVED

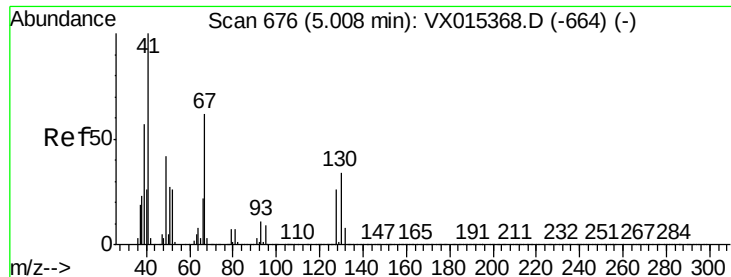
apatel
4/9/2020 9:54:38 AM



#40
Benzene
Concen: 50.986 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.8	29.8





#41

Methacrylonitrile

Concen: 48.035 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 556729
Ion Ratio Lower Upper

41 100

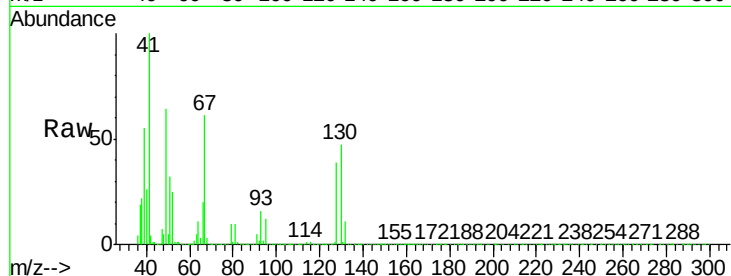
39 55.6 44.5 66.7

67 61.1 48.9 73.3

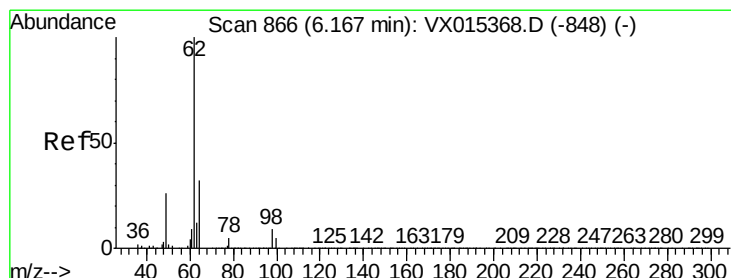
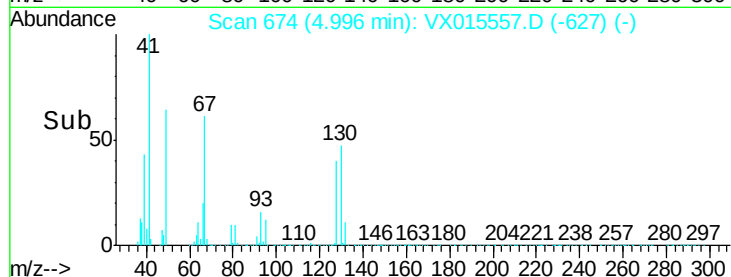
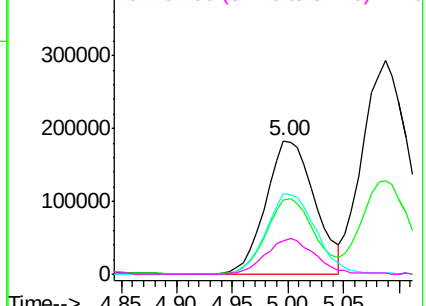
52 26.9 21.8 32.6

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.098 ug/l

RT: 6.16 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX015557.D

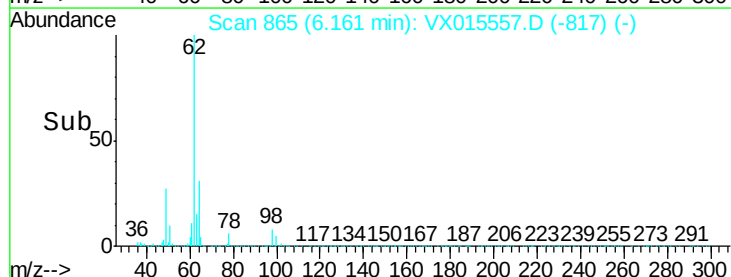
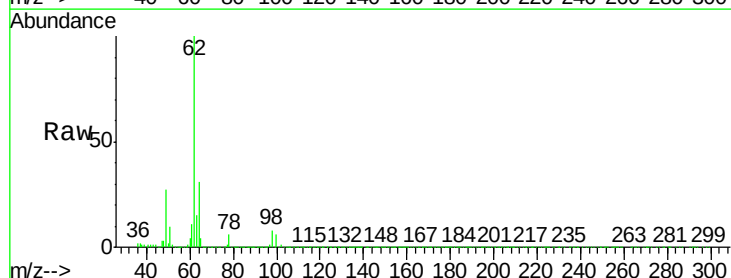
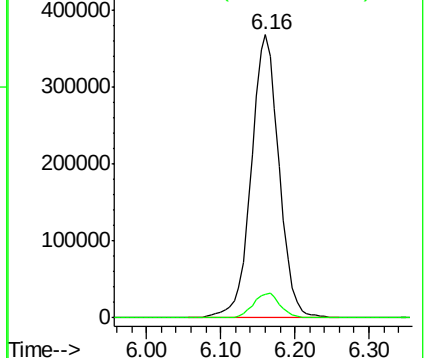
Acq: 08 Apr 2020 10:16

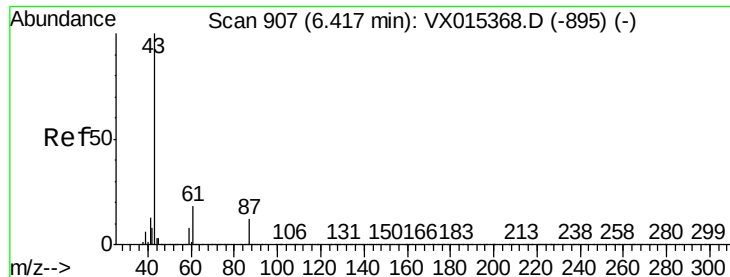
Tgt Ion: 62 Resp: 964066
Ion Ratio Lower Upper

62 100

98 8.4 0.0 17.6

Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

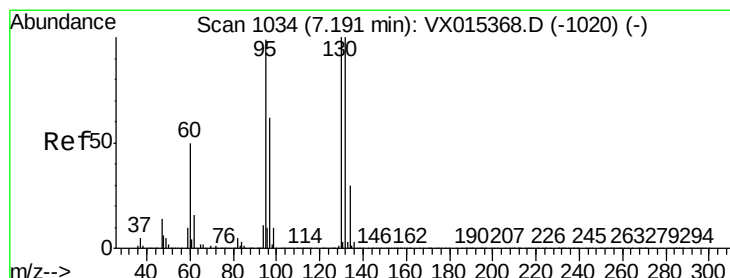
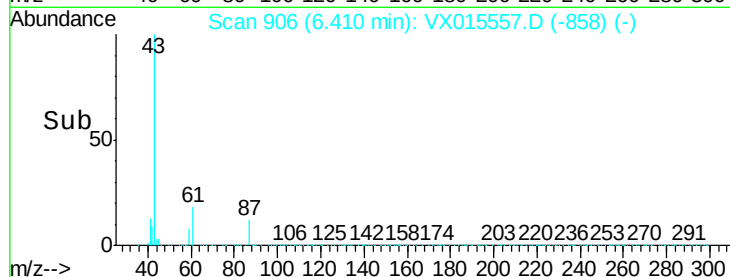
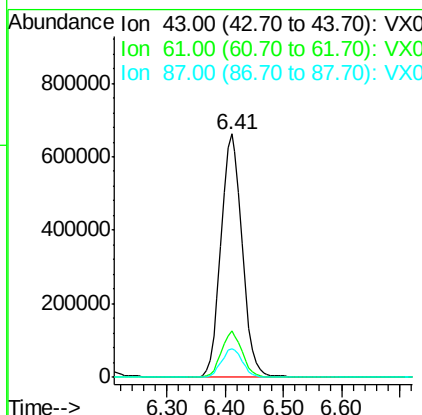
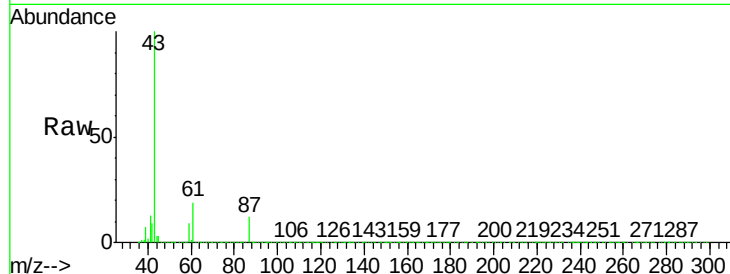
Isopropyl Acetate
 Concen: 47.086 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.8	22.2
87	11.7	9.4	14.0

Manual Integrations
 APPROVED

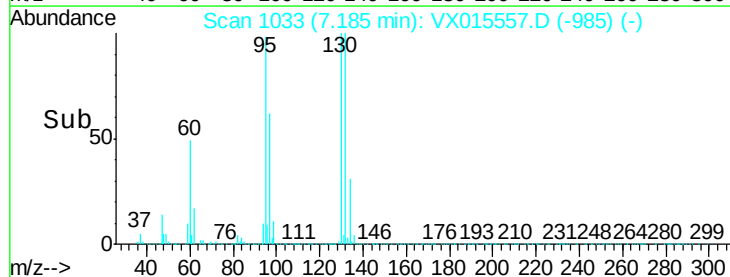
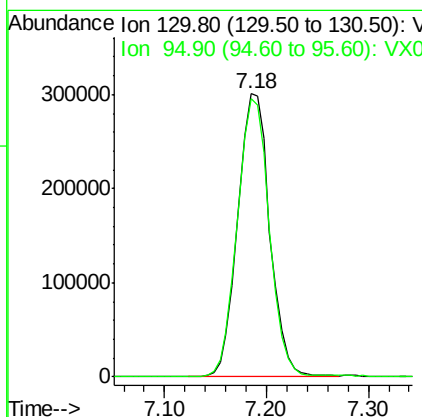
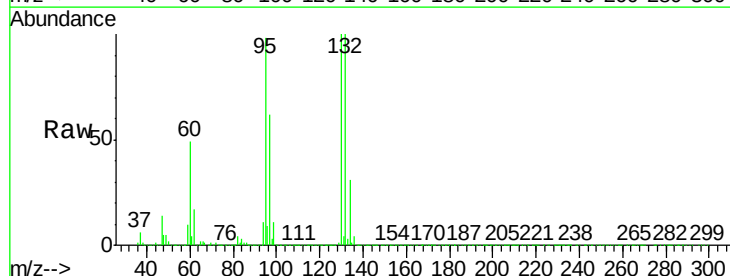
apatel
 4/9/2020 9:54:38 AM

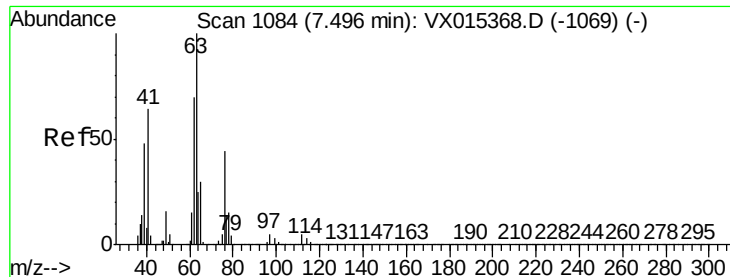


#44

Trichloroethene
 Concen: 51.326 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	199.0





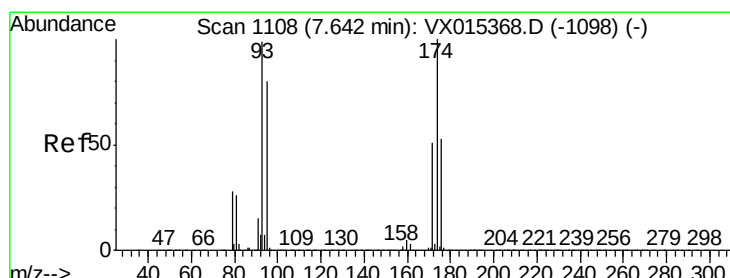
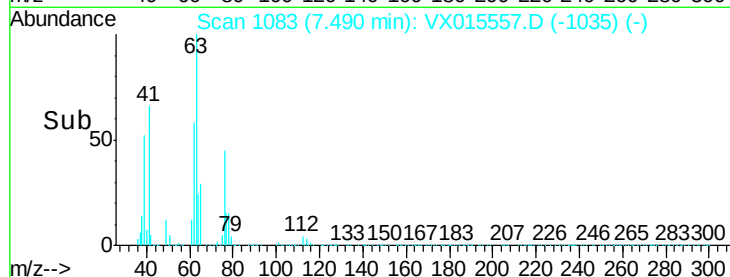
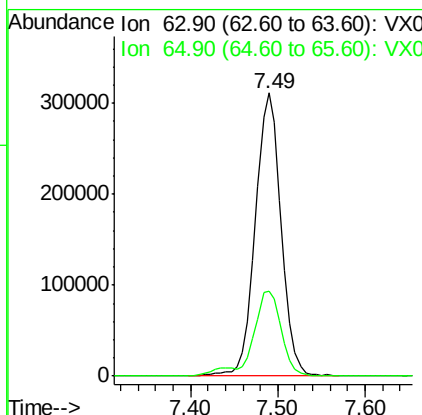
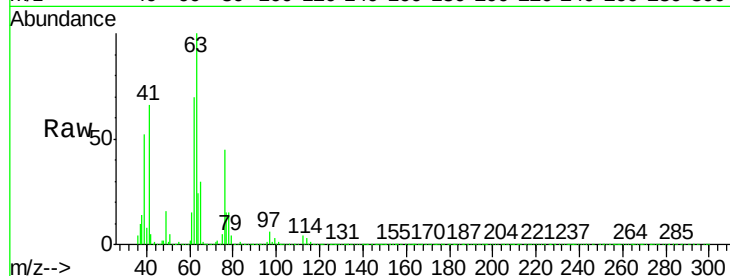
#45
 1,2-Dichloropropane
 Concen: 49.667 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	638185		
65	30.1		23.9	35.9

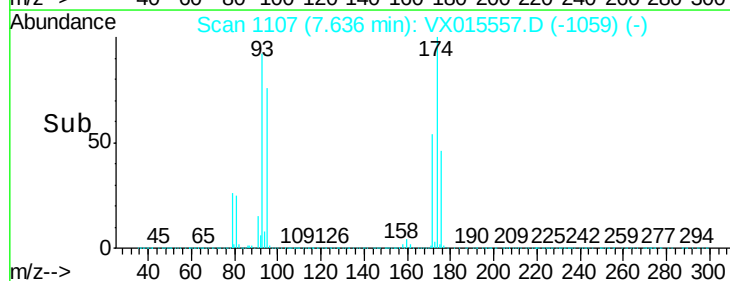
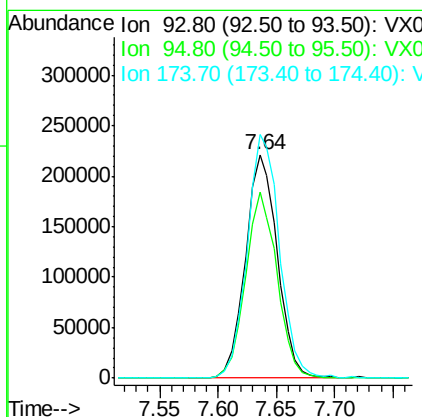
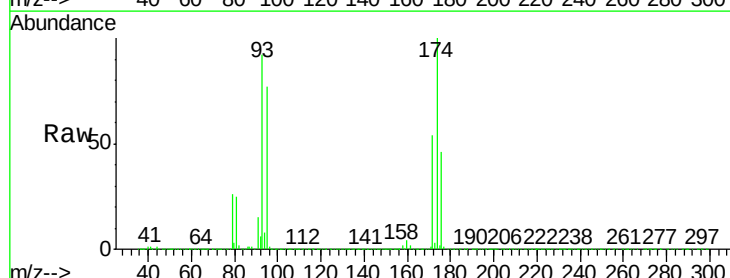
Manual Integrations
 APPROVED

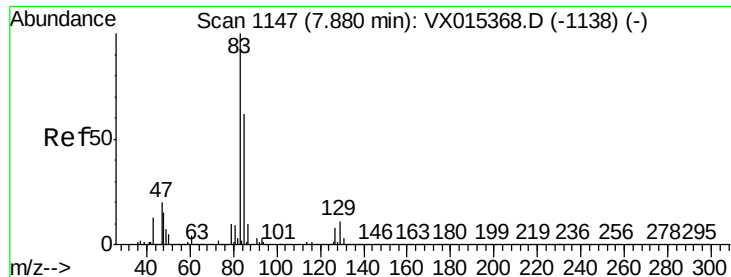
apatel
 4/9/2020 9:54:38 AM



#46
 Dibromomethane
 Concen: 50.051 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	421871		
95	82.0		65.8	98.8
174	110.8		86.2	129.2





#47

Bromodichloromethane

Concen: 50.375 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

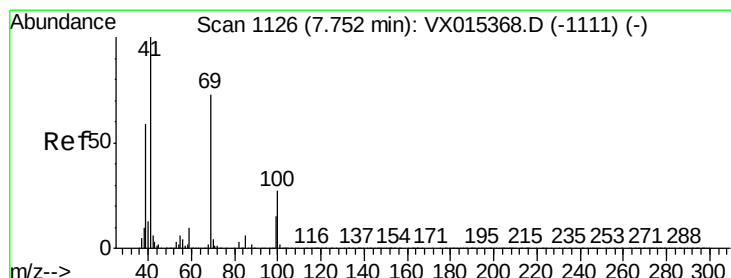
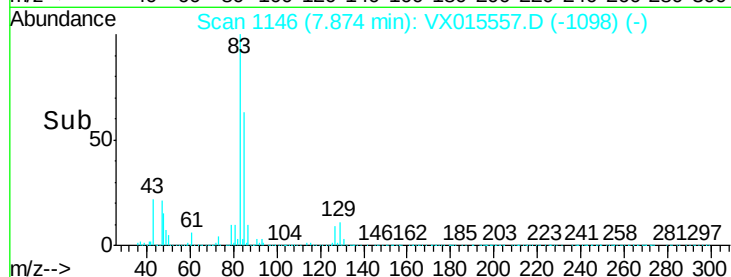
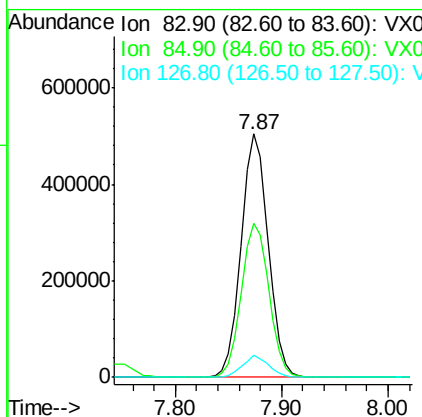
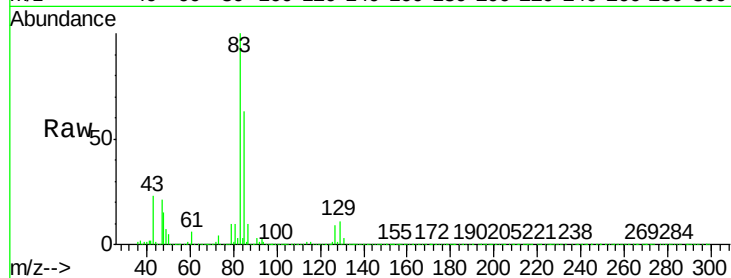
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	904748
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.7	74.5
127	9.1	6.7	10.1

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



#48

Methyl methacrylate

Concen: 47.359 ug/l

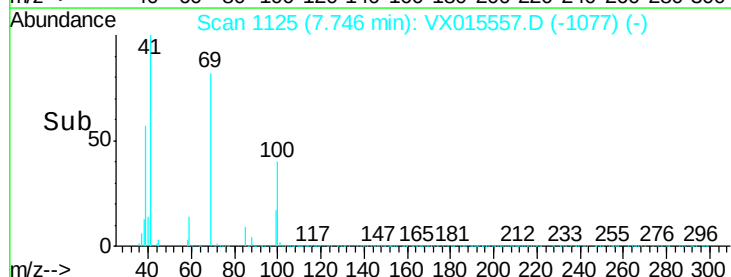
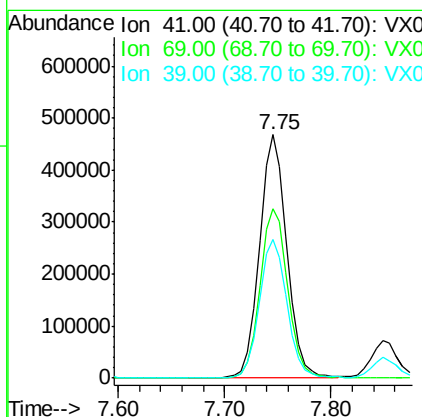
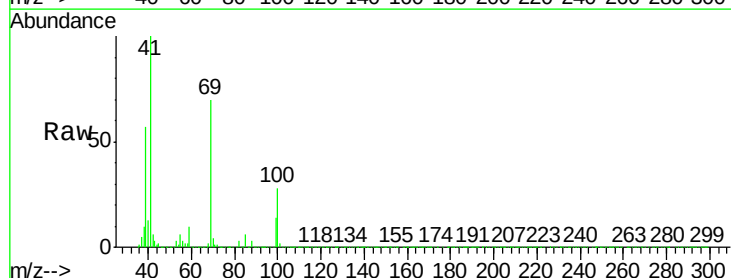
RT: 7.75 min Scan# 1125

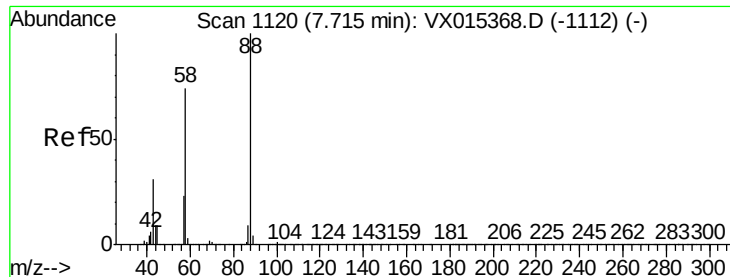
Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tgt Ion:	41	Resp:	833732
Ion Ratio	Lower	Upper	
41	100		
69	70.9	56.7	85.1
39	57.9	46.5	69.7





#49

1,4-Dioxane

Concen: 874.287 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

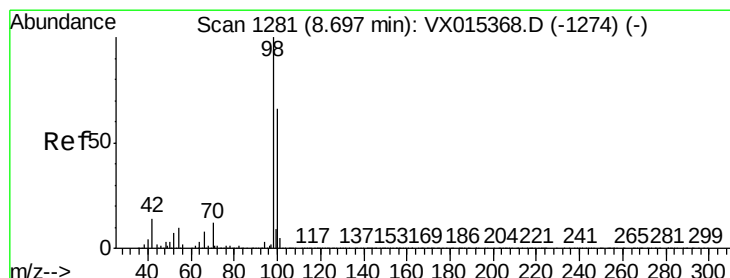
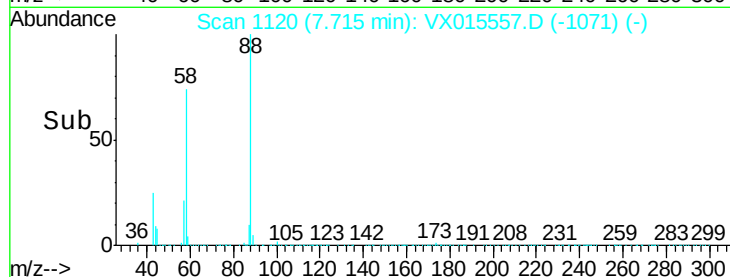
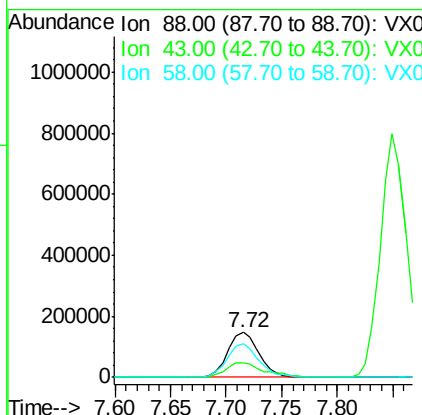
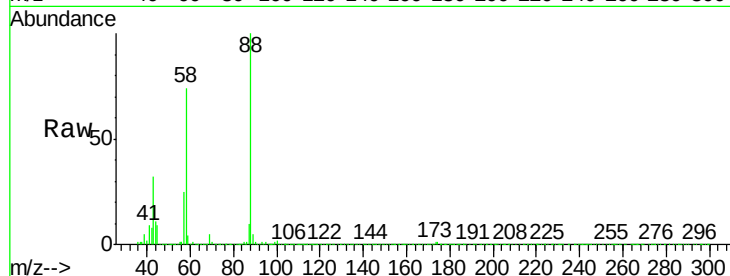
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	287127
Ion Ratio	Lower	Upper	
88	100		
43	38.9	30.1	45.1
58	75.3	60.6	90.8

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



#50

Toluene-d8

Concen: 45.407 ug/l

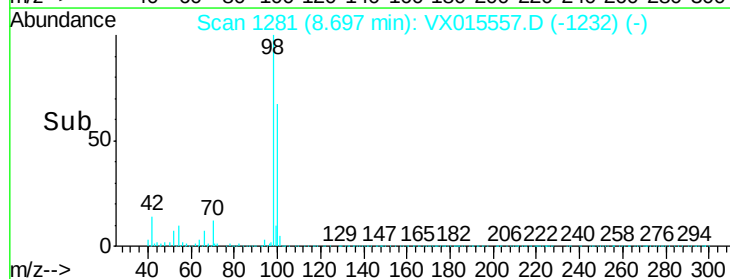
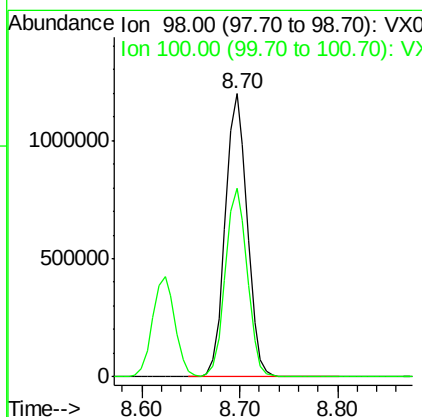
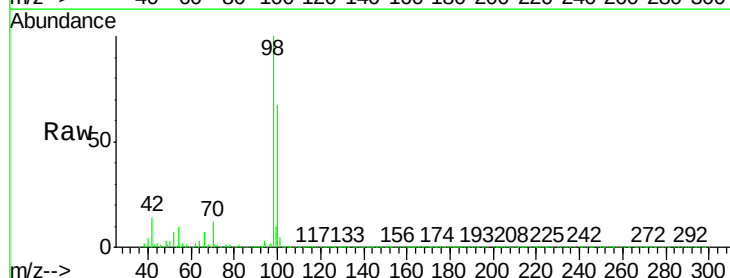
RT: 8.70 min Scan# 1281

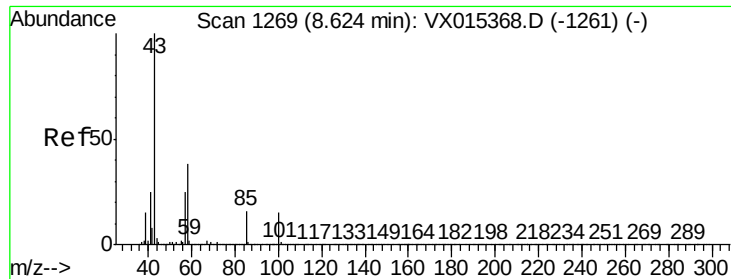
Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tgt Ion:	98	Resp:	1859752
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 234.989 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4693713

Ion Ratio Lower Upper

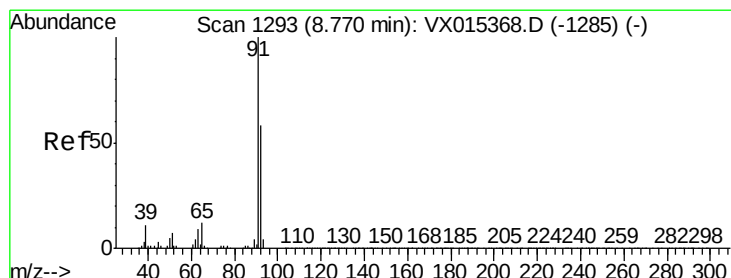
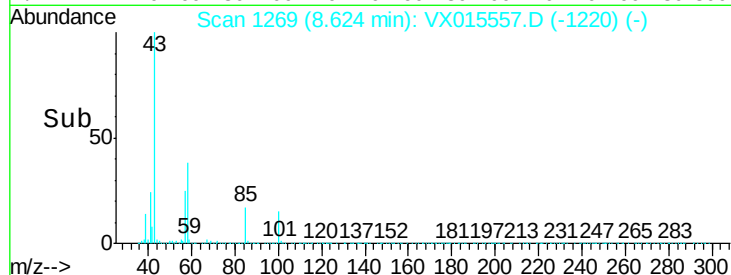
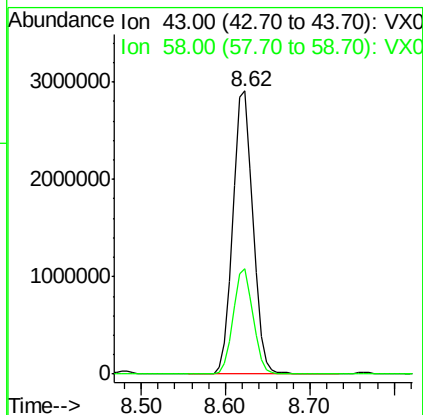
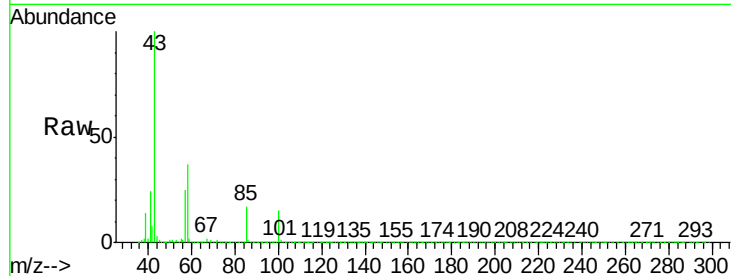
43 100

58 36.8 29.7 44.5

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:38 AM



#52

Toluene

Concen: 52.466 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015557.D

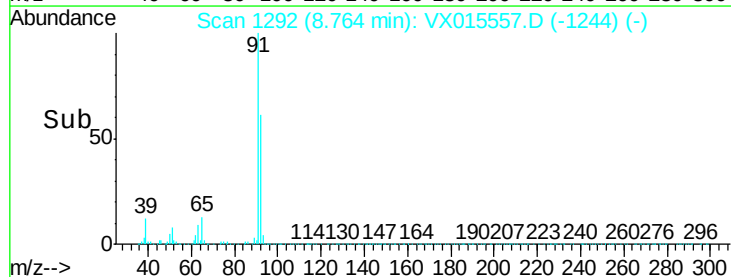
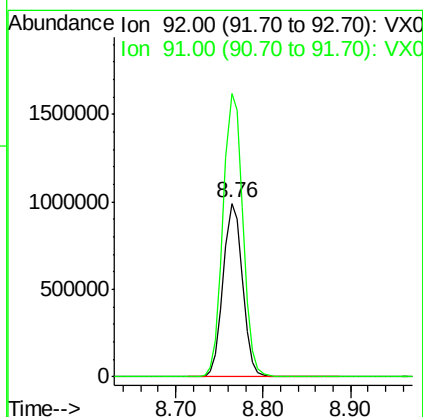
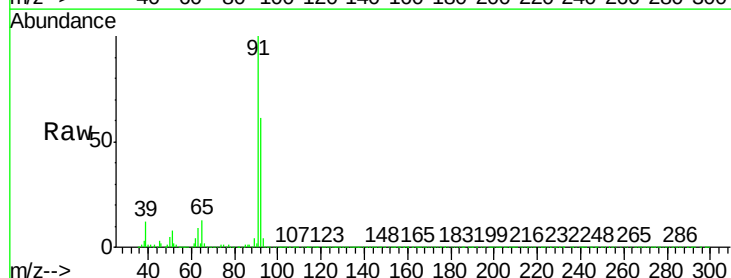
Acq: 08 Apr 2020 10:16

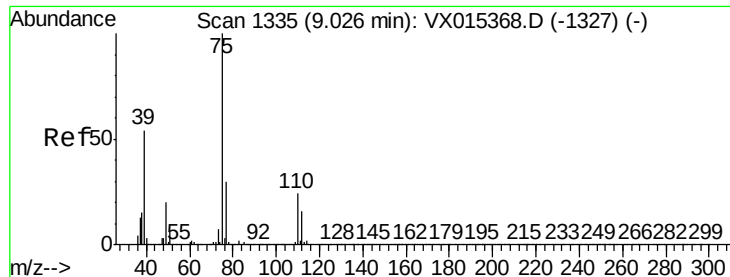
Tgt Ion: 92 Resp: 1519352

Ion Ratio Lower Upper

92 100

91 167.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 49.397 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tot Ion: 75 Resp: 1040507

Ion Ratio Lower Upper

75 100

77 31.2 24.1 36.1

Instrument :

MSVOA_X

ClientSampleId :

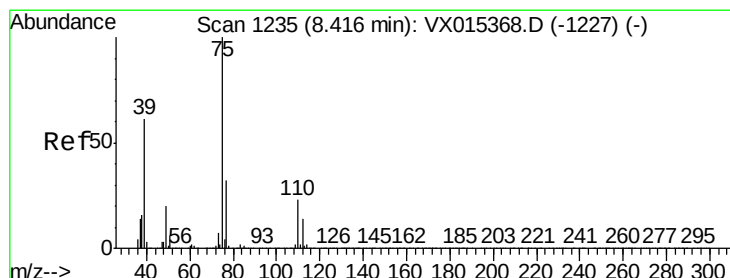
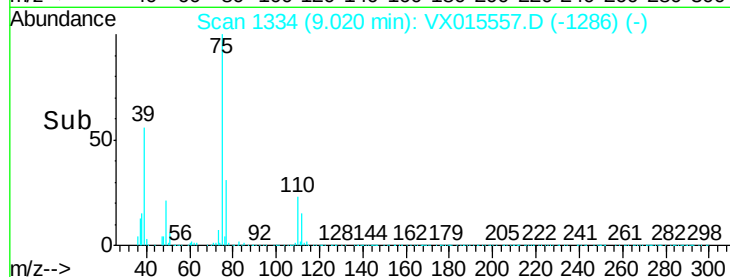
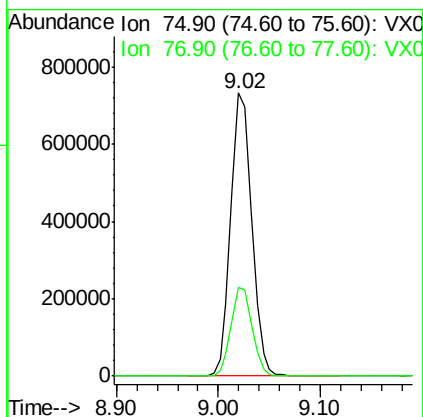
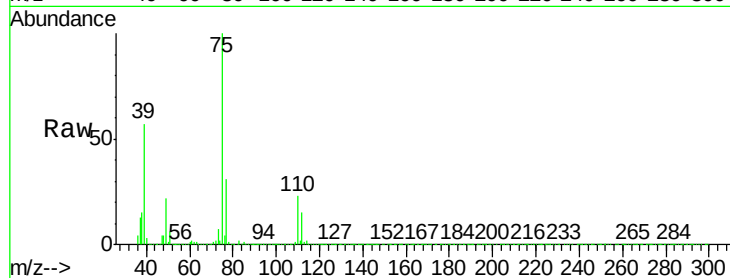
VSTDCCC050

Manual Integrations

APPROVED

apatel

4/9/2020 9:54:38 AM



#54

cis-1,3-Dichloropropene

Concen: 51.151 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

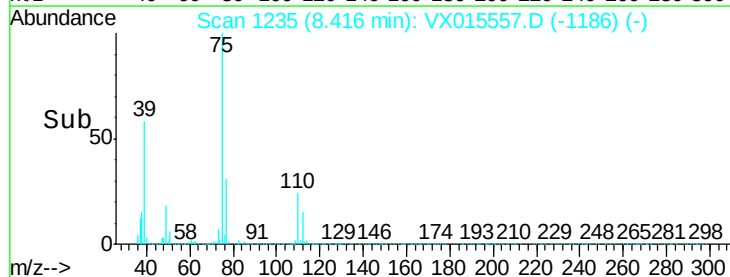
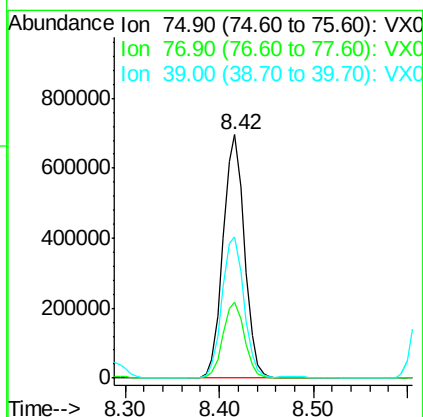
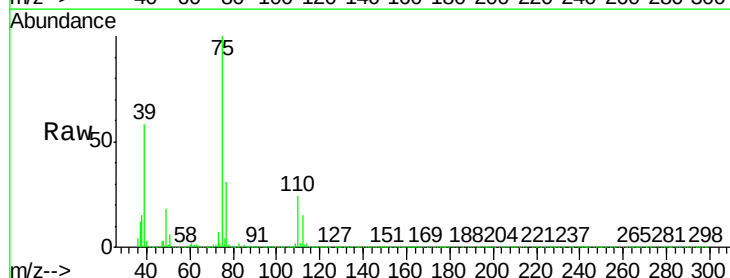
Tgt Ion: 75 Resp: 1097552

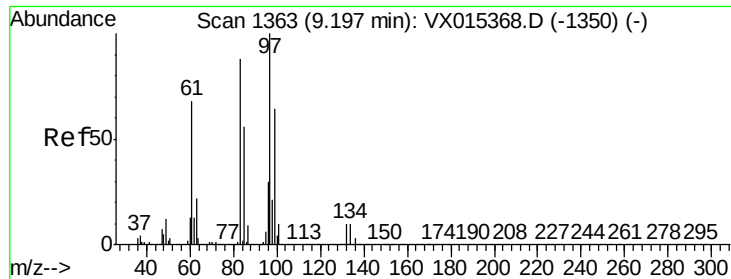
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 57.9 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 51.235 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

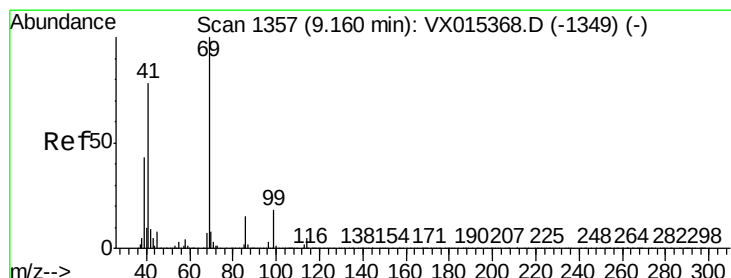
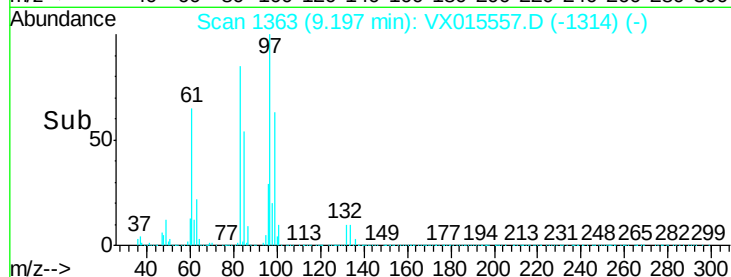
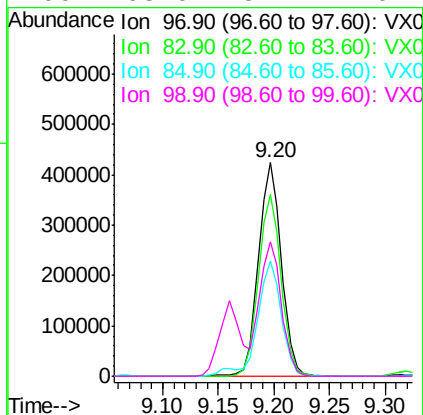
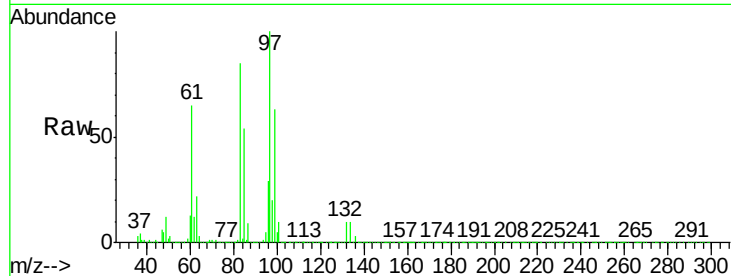
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	607873
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.2	105.4
85	53.9	44.7	67.1
99	63.0	51.1	76.7

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



#56

Ethyl methacrylate

Concen: 49.135 ug/l

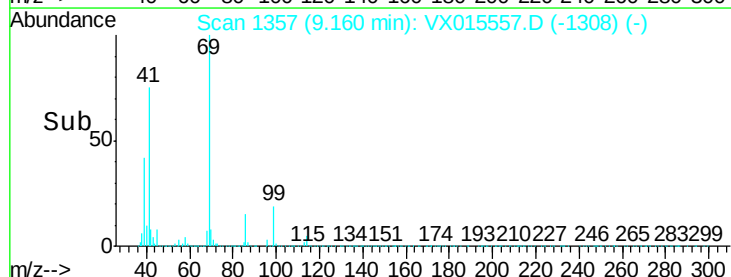
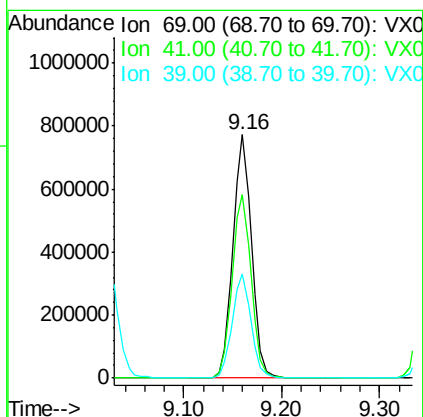
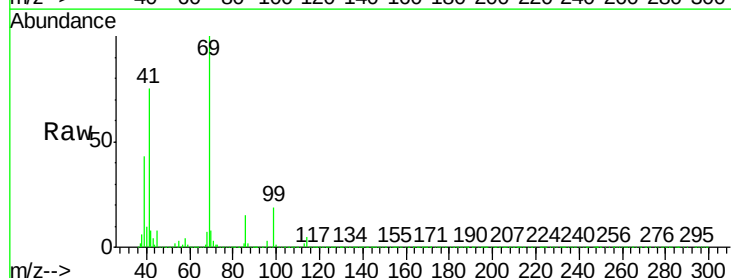
RT: 9.16 min Scan# 1357

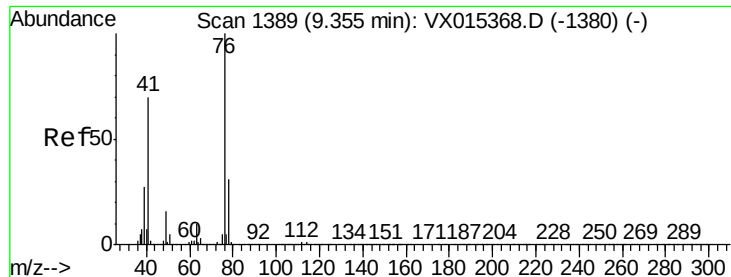
Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tgt Ion:	69	Resp:	1027399
Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.6	92.4
39	42.5	34.0	51.0





#57

1,3-Dichloropropane

Concen: 49.237 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1052492

Ion Ratio Lower Upper

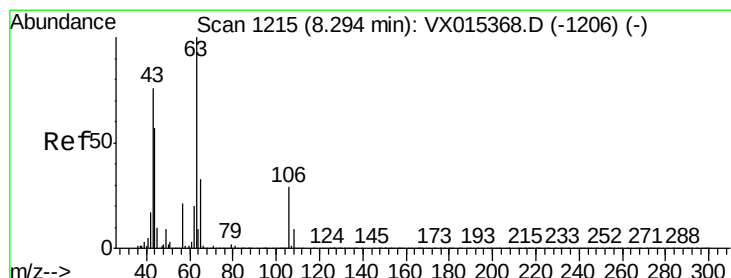
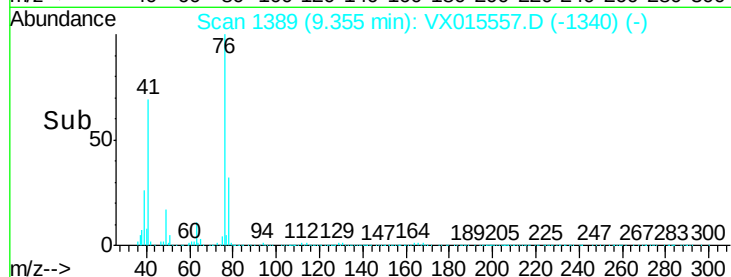
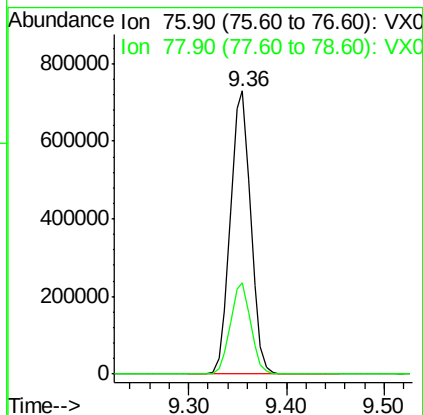
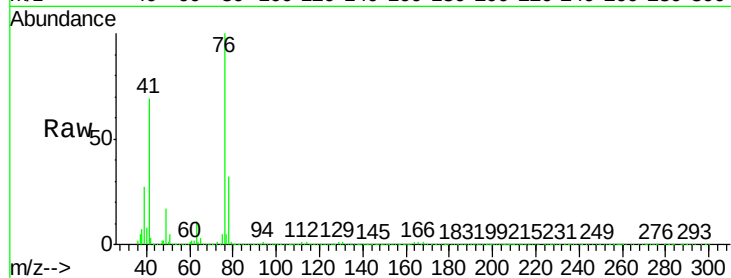
76 100

78 32.1 25.8 38.8

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:38 AM



#58

2-Chloroethyl Vinyl ether

Concen: 267.044 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015557.D

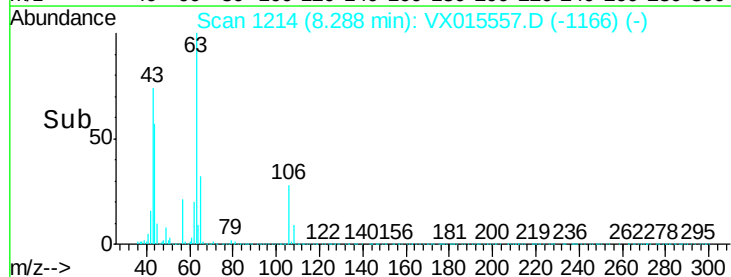
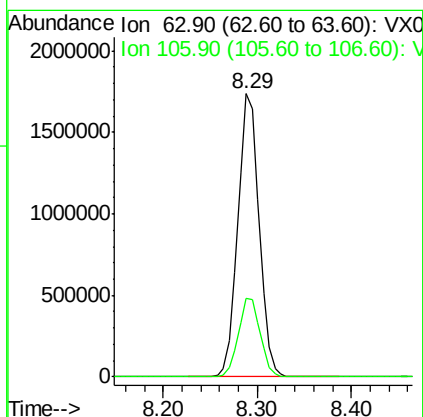
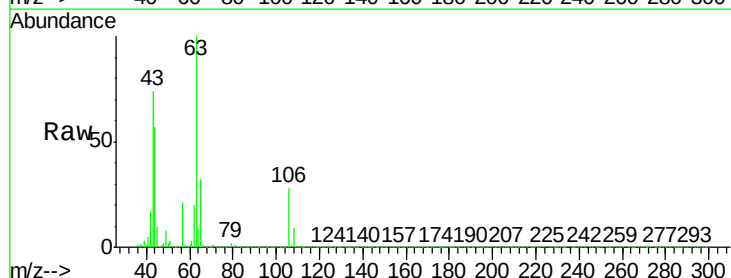
Acq: 08 Apr 2020 10:16

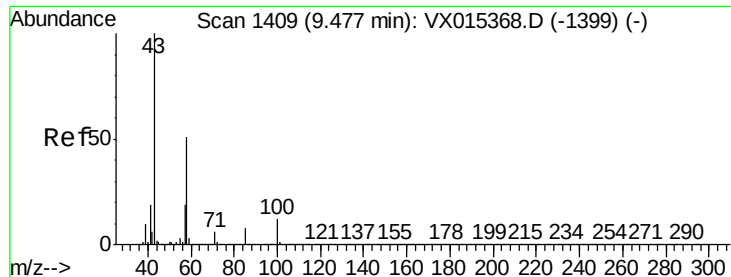
Tgt Ion: 63 Resp: 2715976

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1





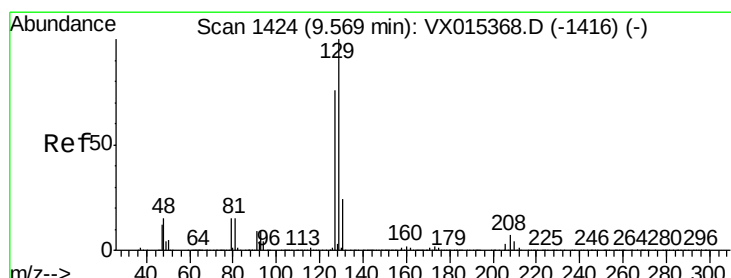
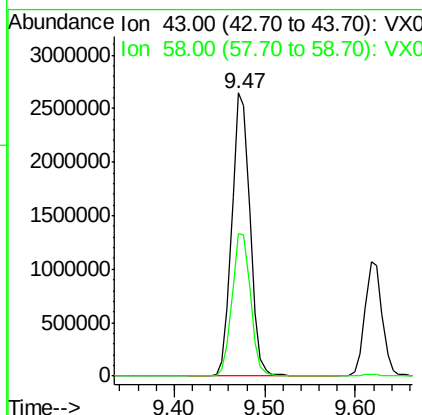
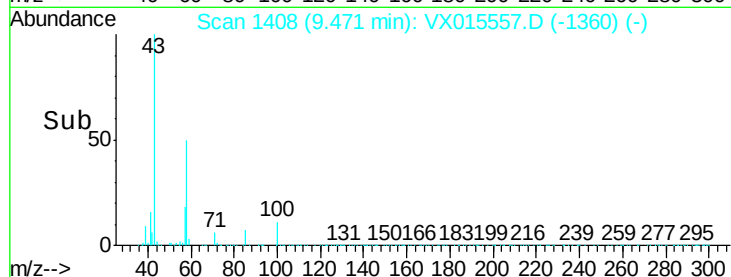
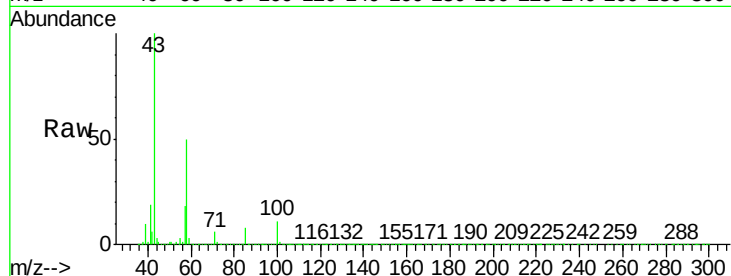
#59
2-Hexanone
Concen: 243.421 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3670809
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.6

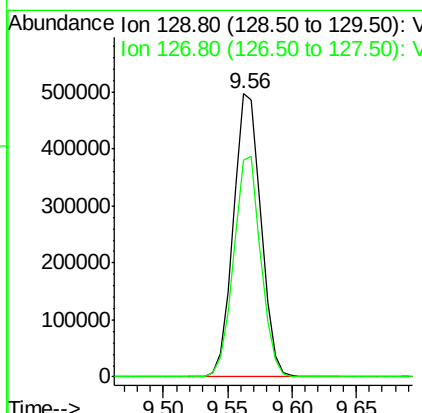
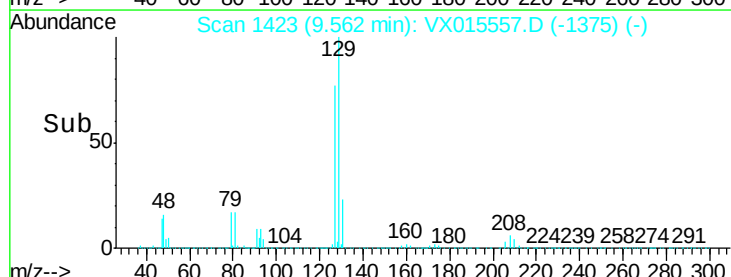
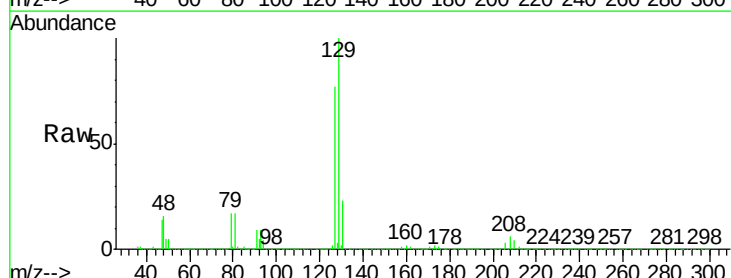
Manual Integrations
APPROVED

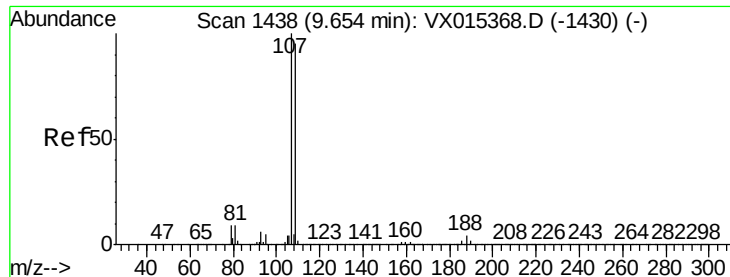
apatel
4/9/2020 9:54:38 AM



#60
Dibromochloromethane
Concen: 51.863 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion: 129 Resp: 739398
Ion Ratio Lower Upper
129 100
127 76.6 38.2 114.6





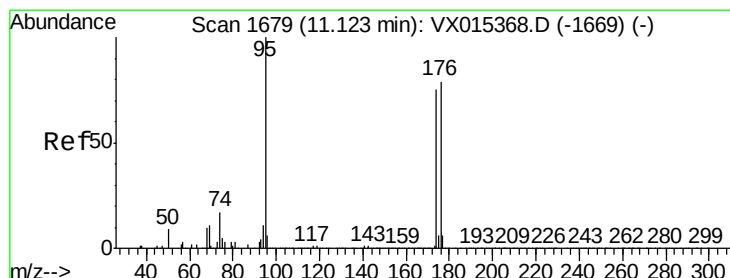
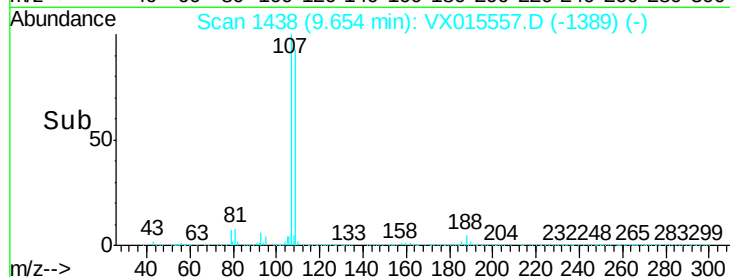
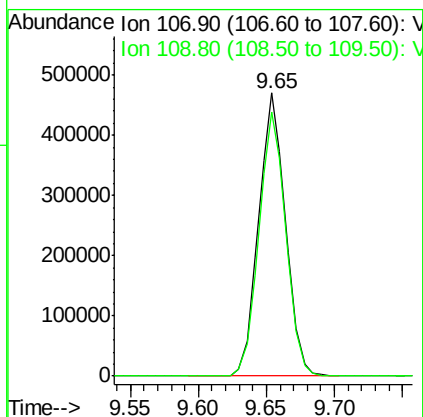
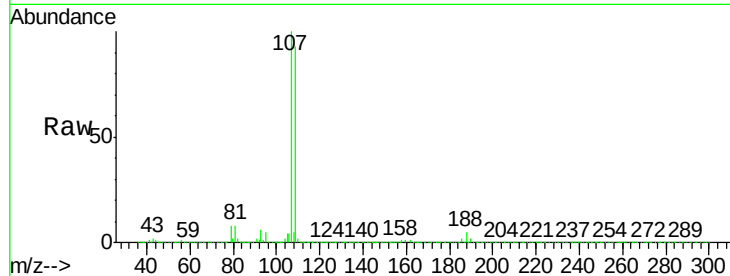
#61
 1,2-Dibromoethane
 Concen: 50.552 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	652151		
109	93.5	74.8	112.2	

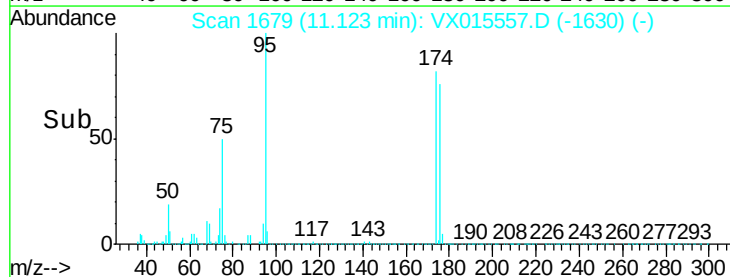
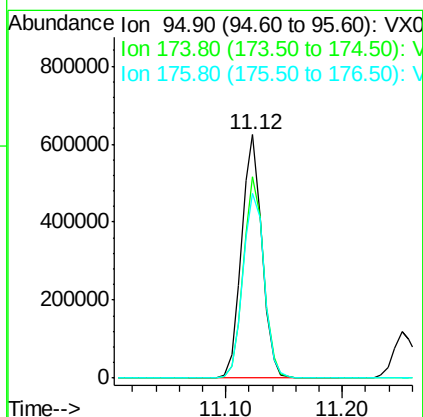
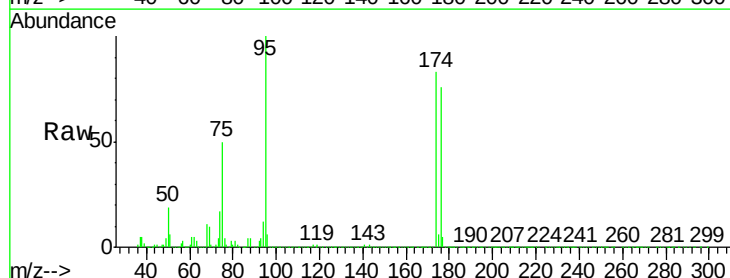
Manual Integrations
 APPROVED

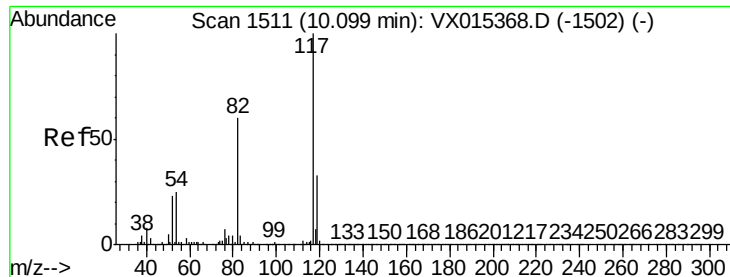
apatel
 4/9/2020 9:54:38 AM



#62
 4-Bromofluorobenzene
 Concen: 45.908 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	764136		
174	82.8	0.0	158.6	
176	80.2	0.0	159.0	





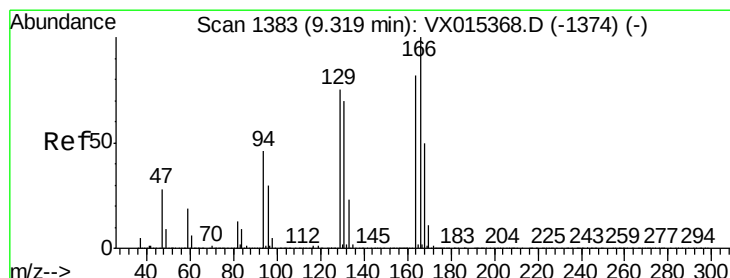
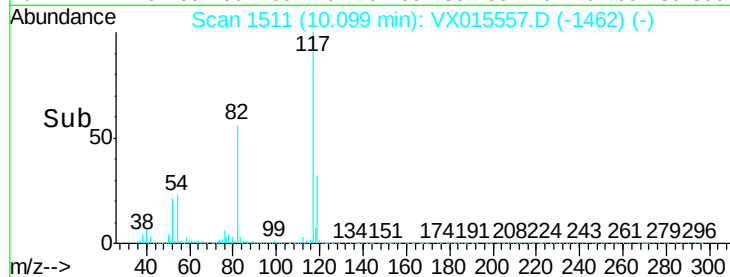
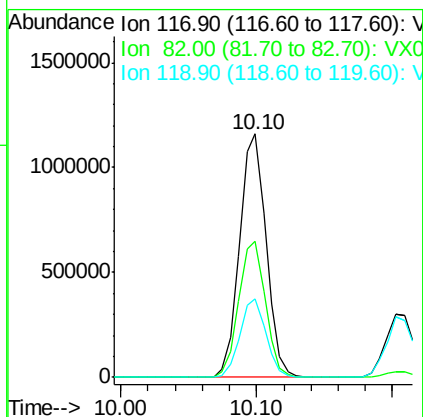
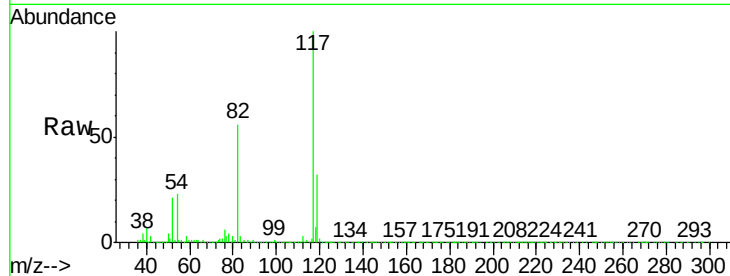
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.8	71.8
119	32.0	26.8	40.2

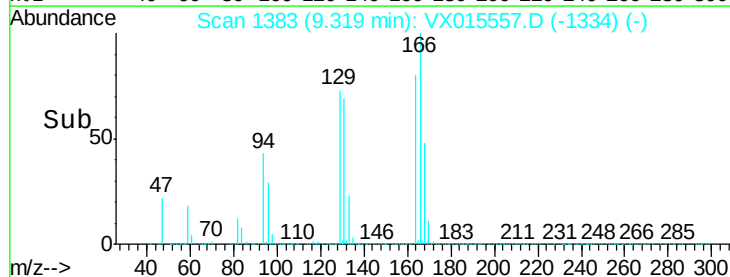
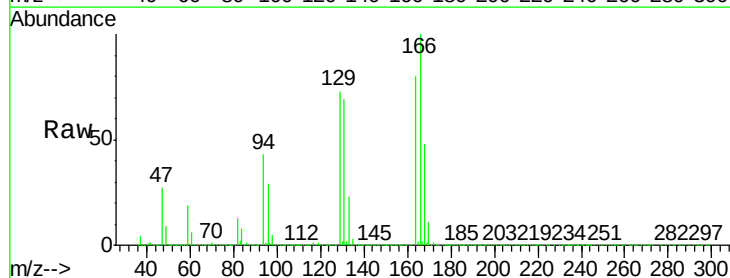
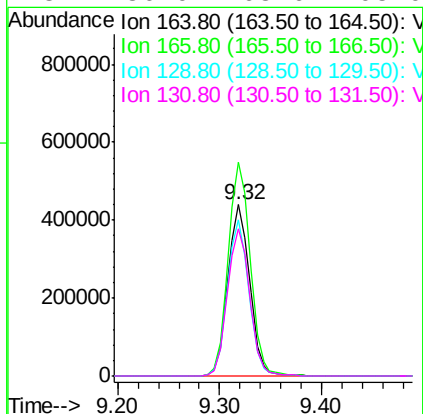
Manual Integrations
APPROVED

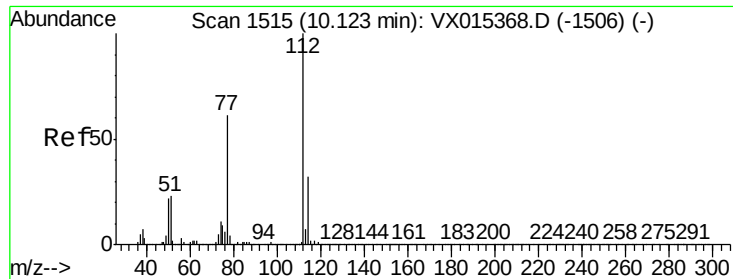
apatel
4/9/2020 9:54:38 AM



#64
Tetrachloroethene
Concen: 54.614 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	97.8	146.6
129	91.1	73.0	109.4
131	86.0	68.6	103.0





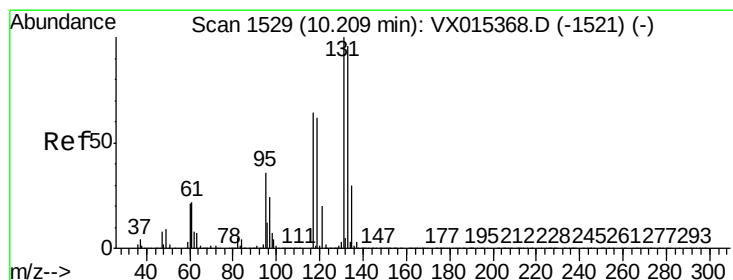
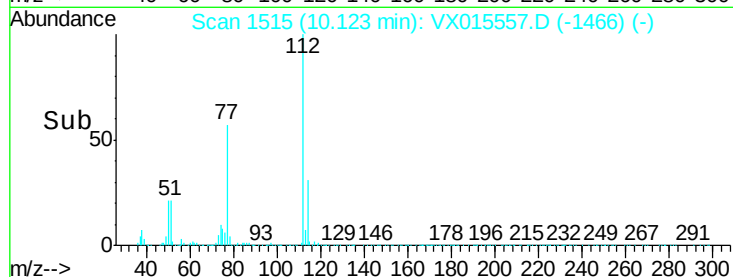
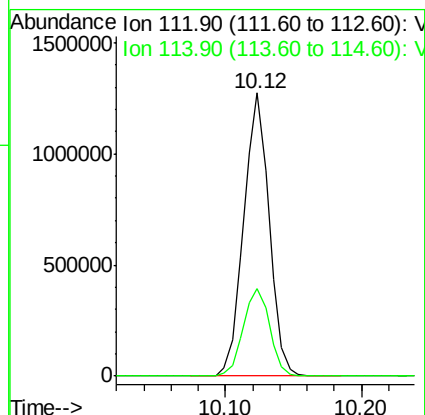
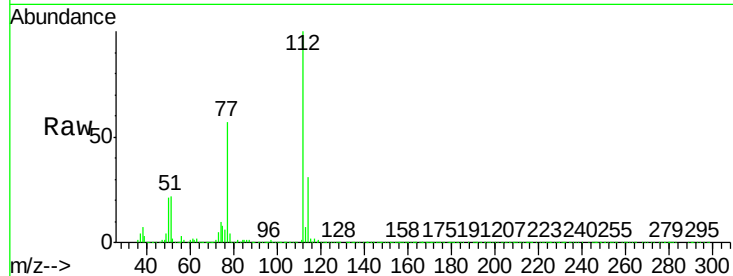
#65
Chlorobenzene
Concen: 52.810 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1664749
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3

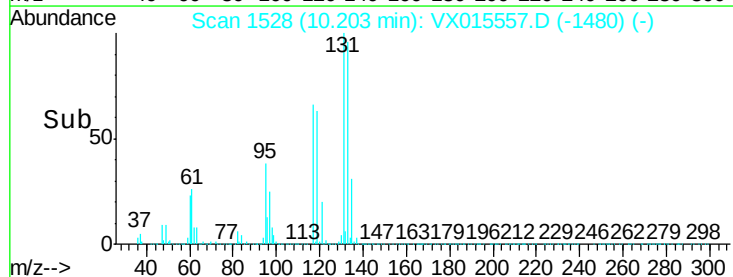
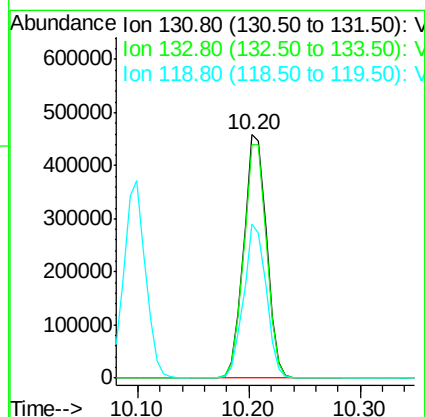
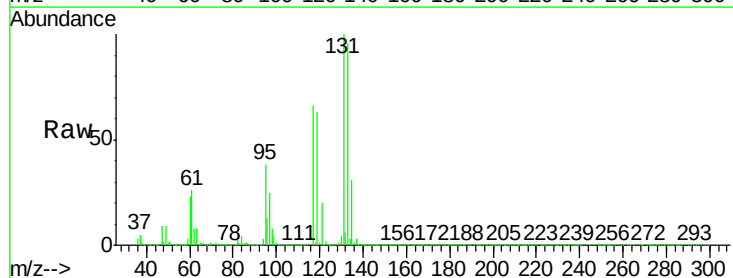
Manual Integrations
APPROVED

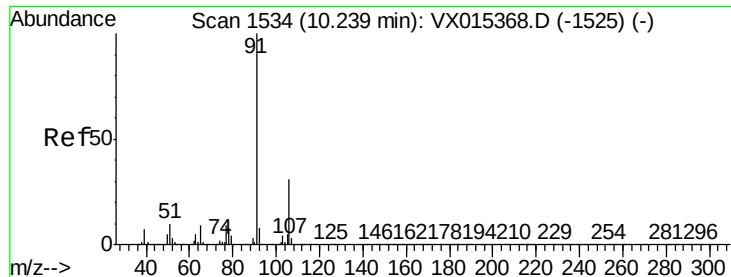
apatel
4/9/2020 9:54:38 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.615 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion:131 Resp: 650033
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 62.3 31.1 93.3





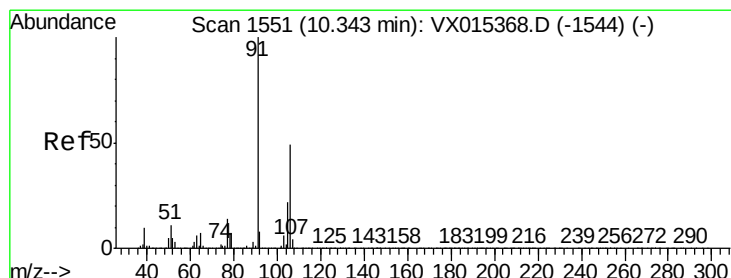
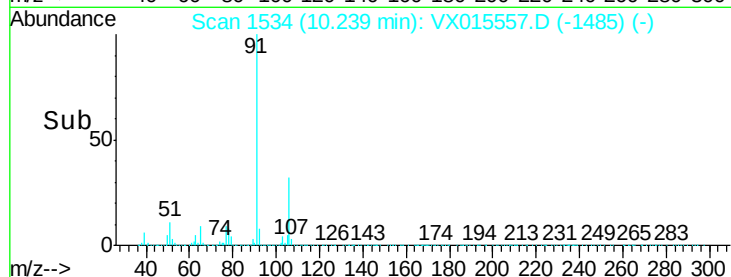
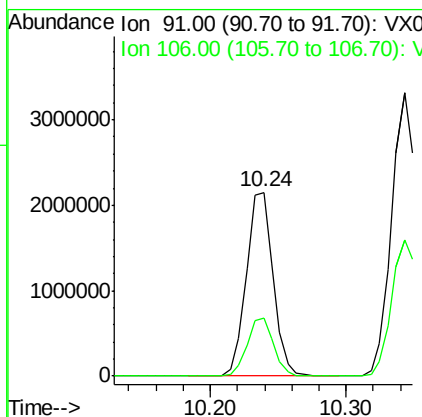
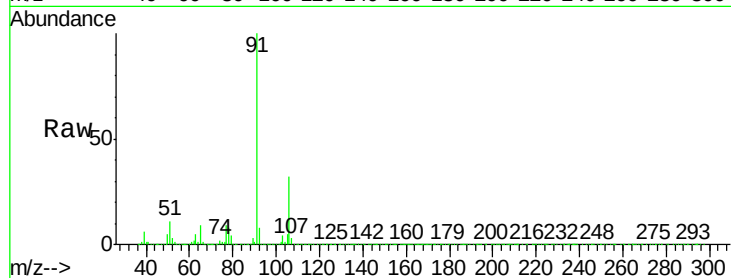
#67
Ethyl Benzene
Concen: 53.124 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2970169
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2

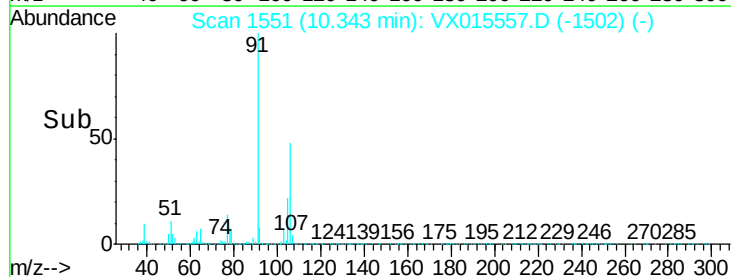
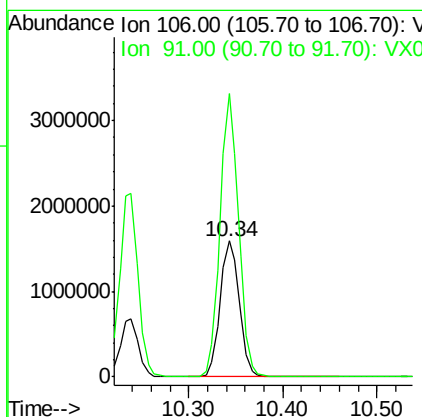
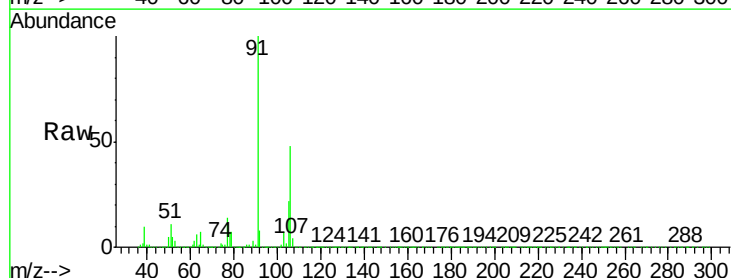
Manual Integrations
APPROVED

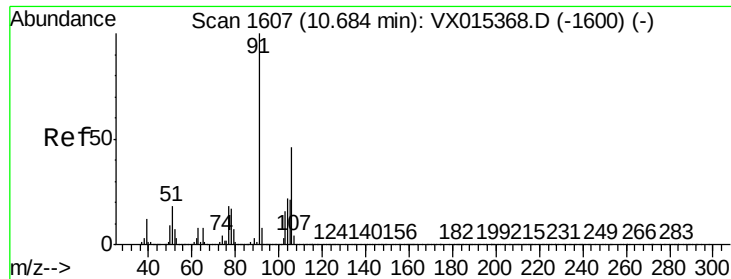
apatel
4/9/2020 9:54:38 AM



#68
m/p-Xylenes
Concen: 107.399 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion: 106 Resp: 2235935
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.0





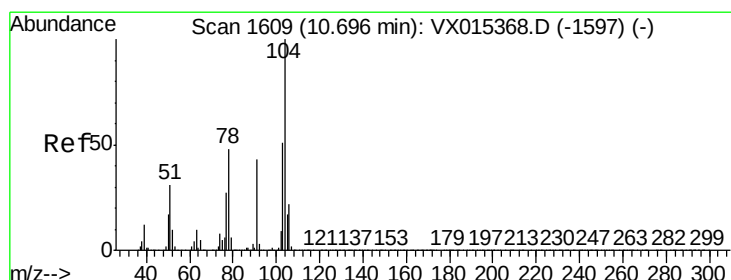
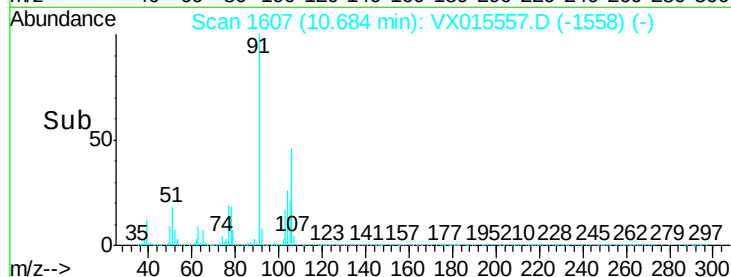
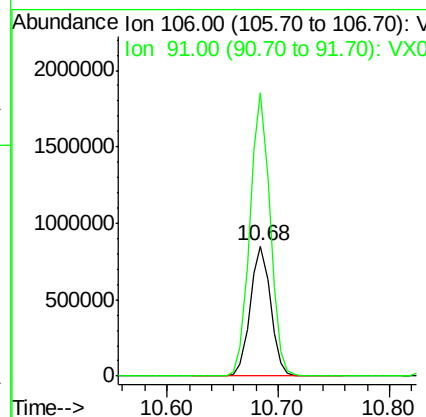
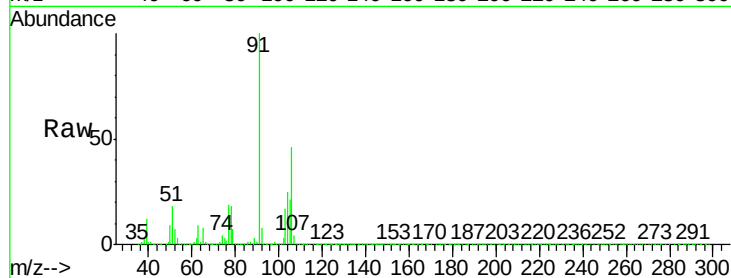
#69
o-Xylene
Concen: 52.373 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1077451
Ion Ratio Lower Upper
106 100
91 216.2 107.1 321.3

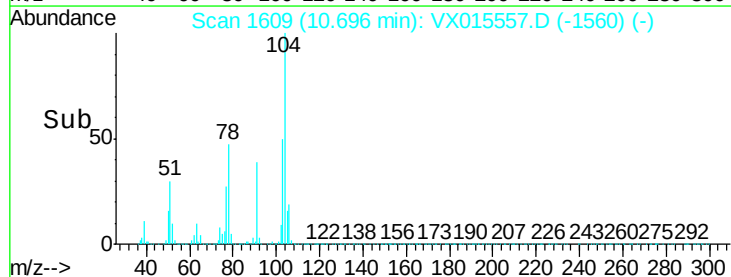
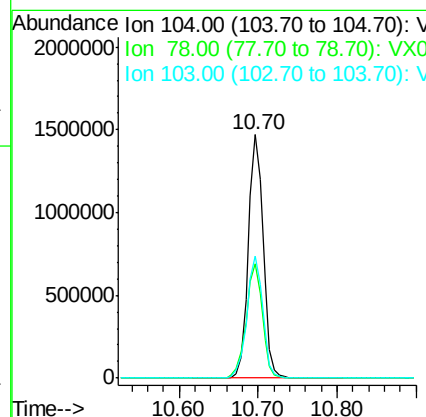
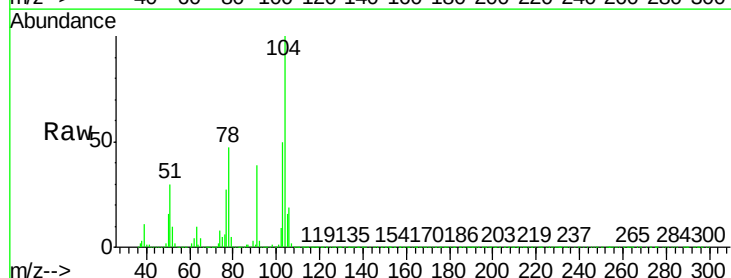
Manual Integrations
APPROVED

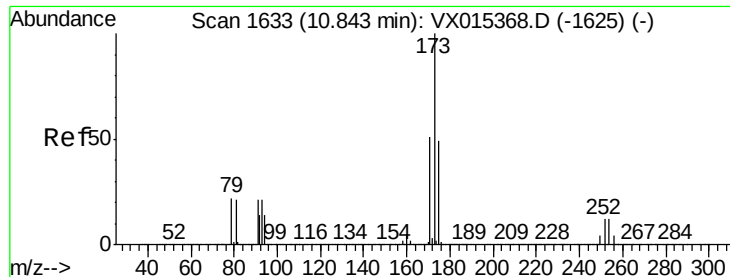
apatel
4/9/2020 9:54:38 AM



#70
Styrene
Concen: 52.893 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion:104 Resp: 1914789
Ion Ratio Lower Upper
104 100
78 51.2 42.0 63.0
103 53.6 43.4 65.0





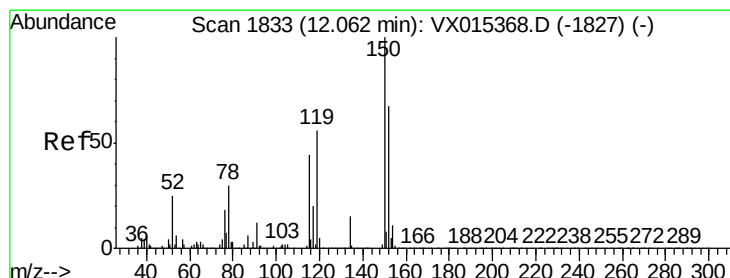
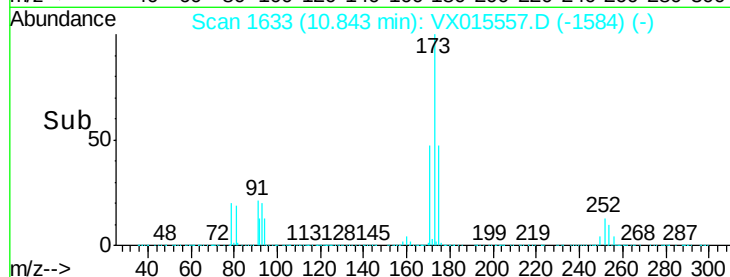
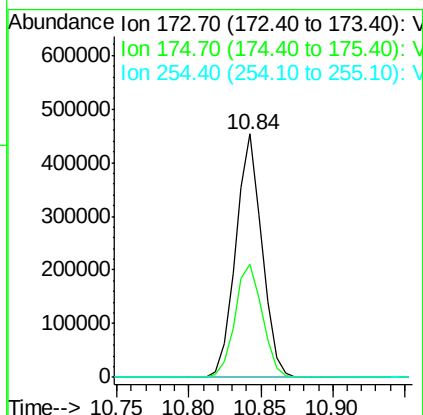
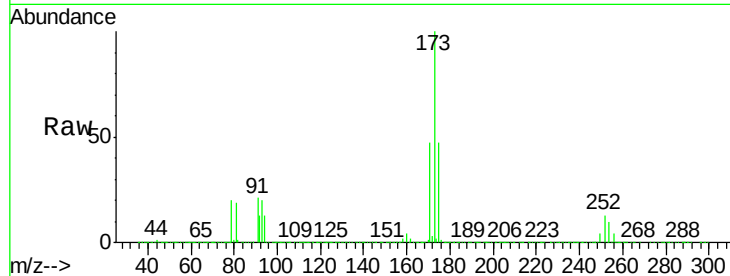
#71
Bromoform
Concen: 50.066 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.9	71.7
254	0.2	0.1	0.1#

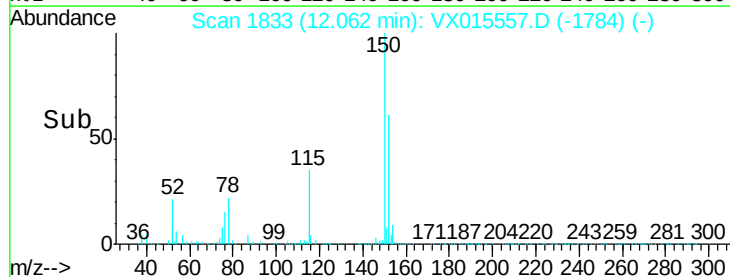
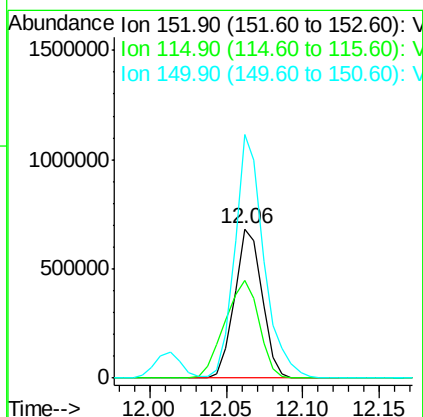
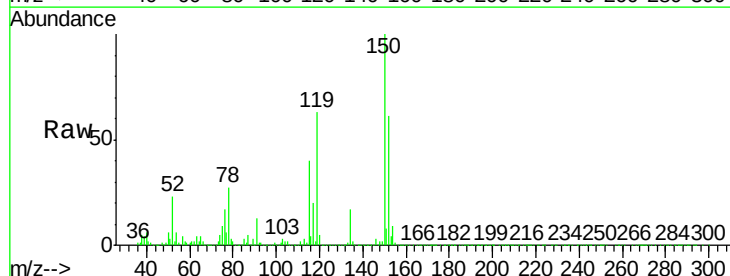
Manual Integrations
APPROVED

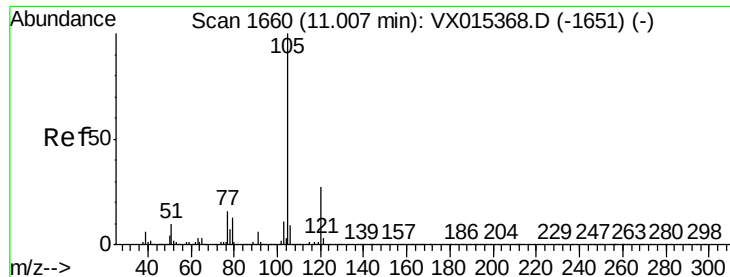
apatel
4/9/2020 9:54:38 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.8	39.0	116.9
150	172.1	0.0	340.8





#73

Isopropylbenzene

Concen: 53.141 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2945562

Ion Ratio Lower Upper

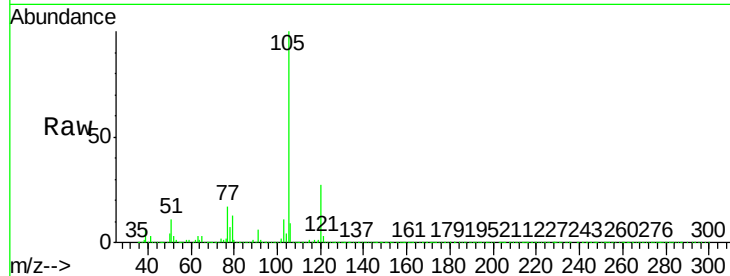
105 100

120 26.9 13.2 39.5

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:38 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

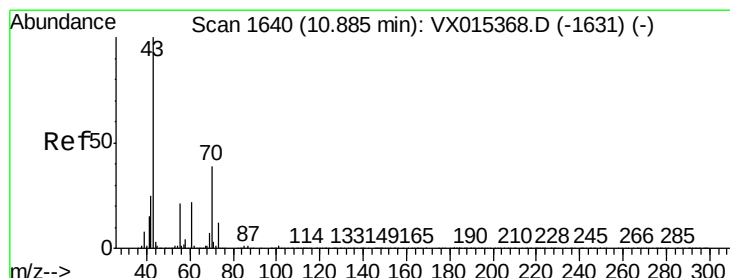
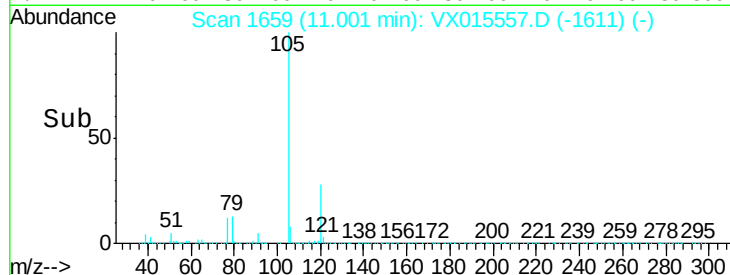
1000000

500000

0

Time-->

10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.723 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tgt Ion: 43 Resp: 1471231

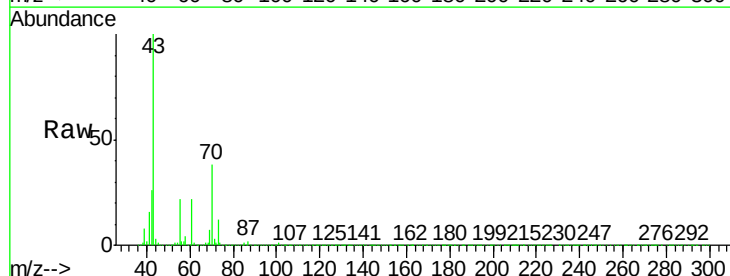
Ion Ratio Lower Upper

43 100

70 37.9 30.2 45.4

55 21.8 16.8 25.2

61 22.2 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

1500000

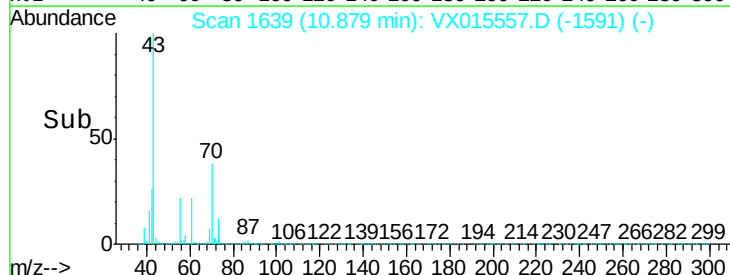
1000000

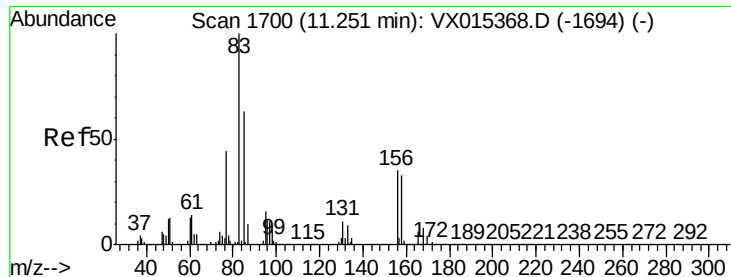
500000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.303 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

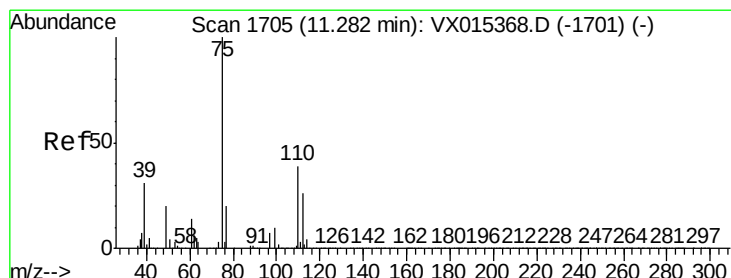
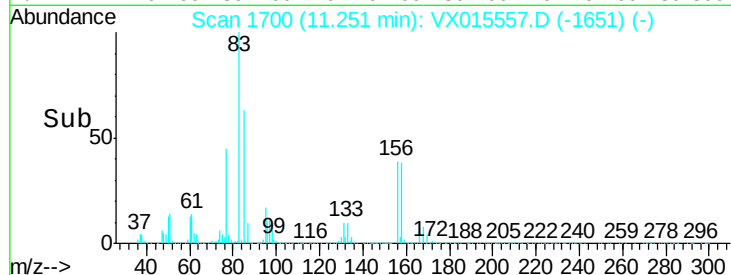
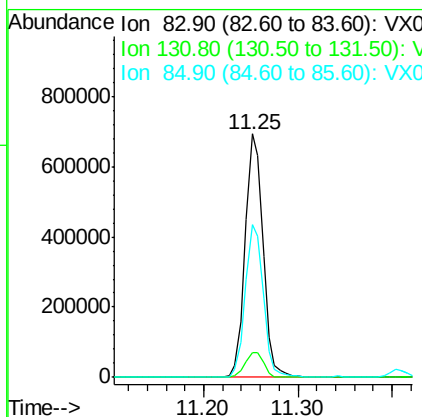
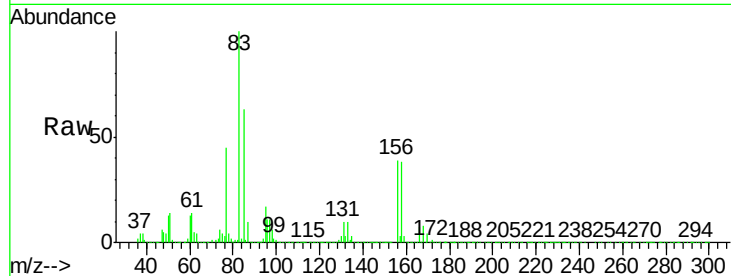
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	918698
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.3	16.1
85	63.5	32.0	96.0

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



#76

1,2,3-Trichloropropane

Concen: 49.330 ug/l m

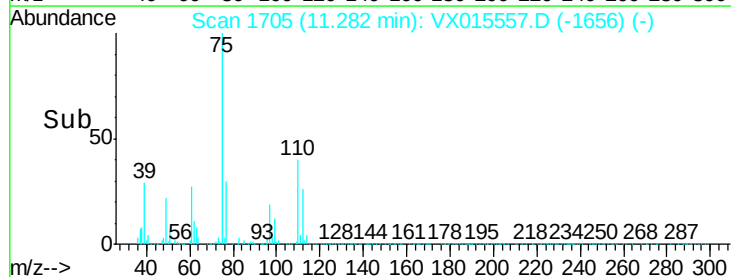
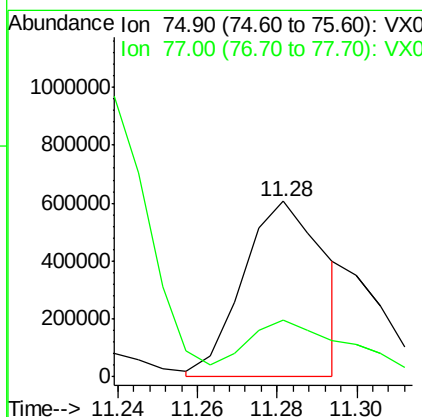
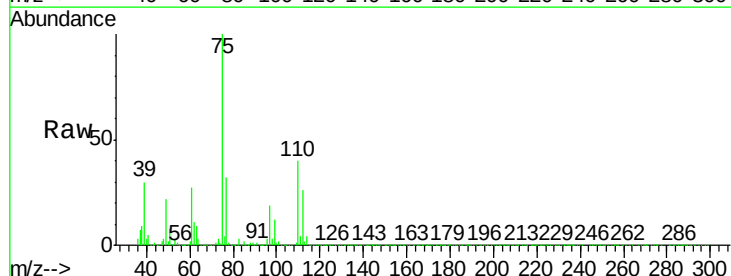
RT: 11.28 min Scan# 1705

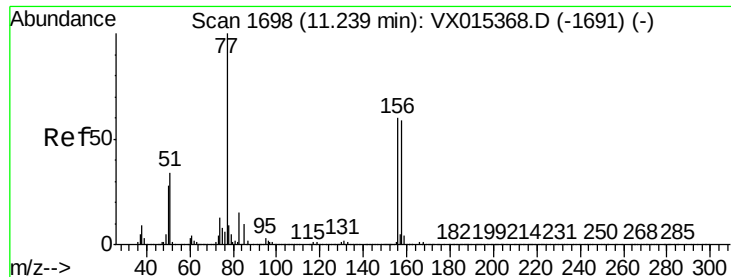
Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tgt Ion:	75	Resp:	858163
Ion Ratio		Lower	Upper
75	100		
77	41.0	21.2	63.6





#77

Bromobenzene

Concen: 53.083 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

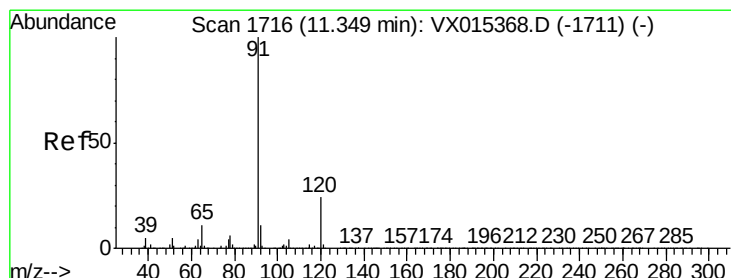
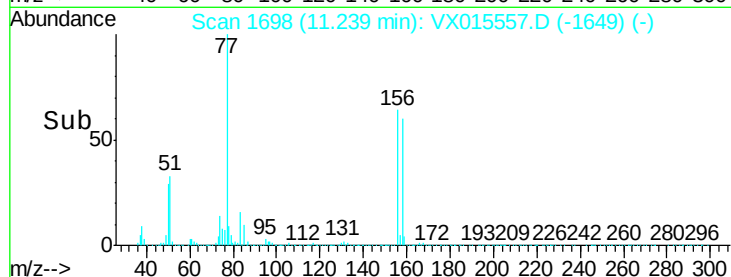
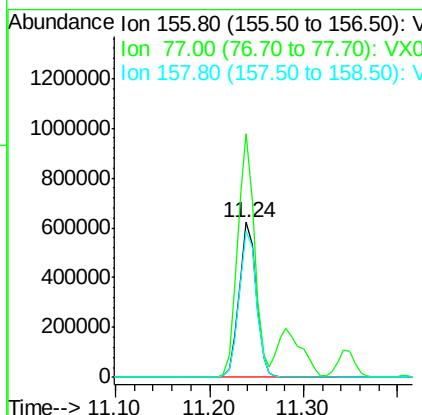
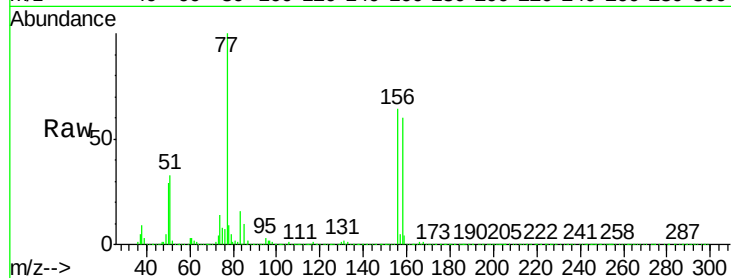
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.2	82.2	246.5
158	95.7	49.3	147.9

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



#78

n-propylbenzene

Concen: 53.742 ug/l

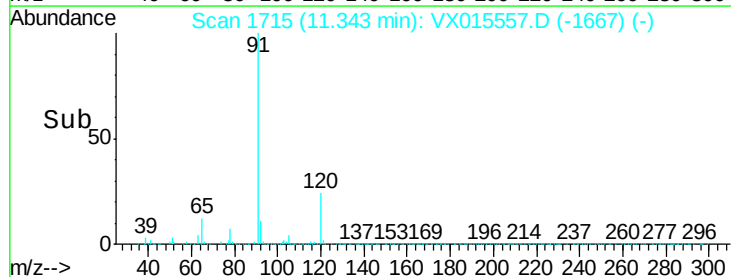
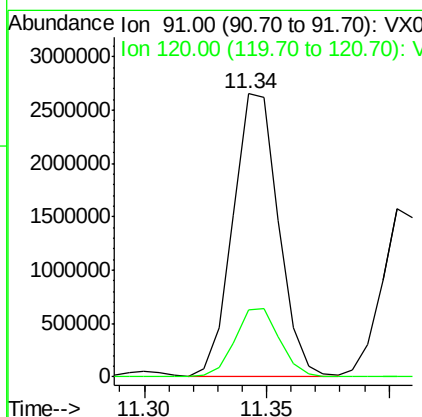
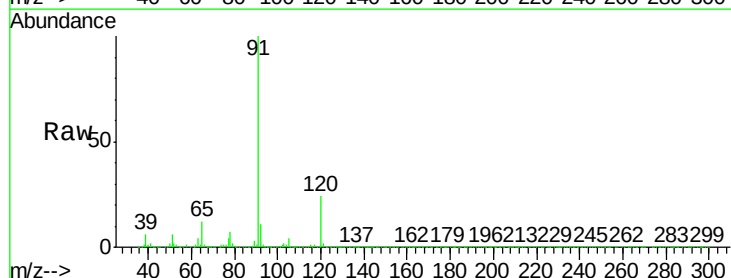
RT: 11.34 min Scan# 1715

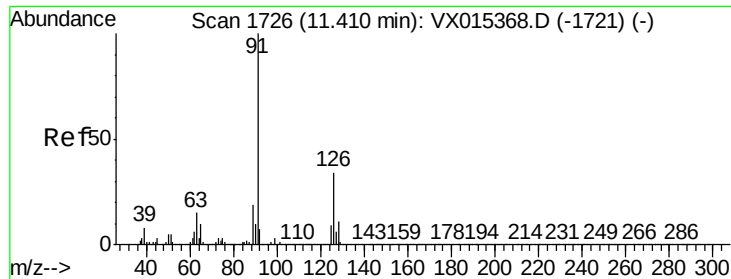
Delta R.T. -0.01 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.7	35.0





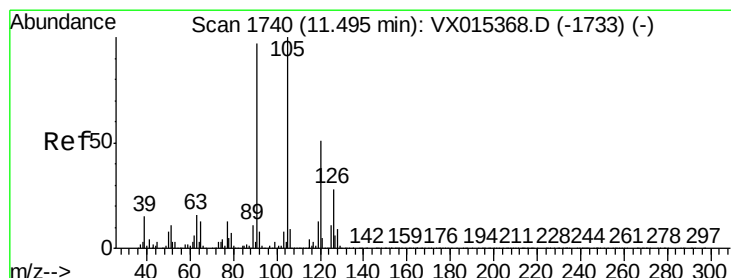
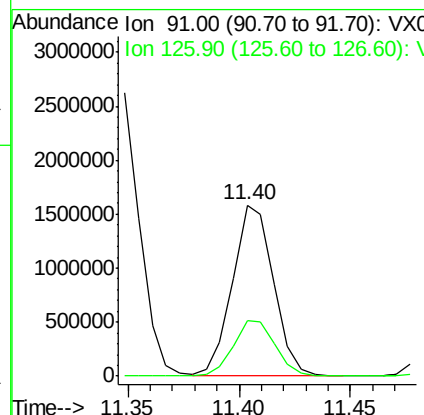
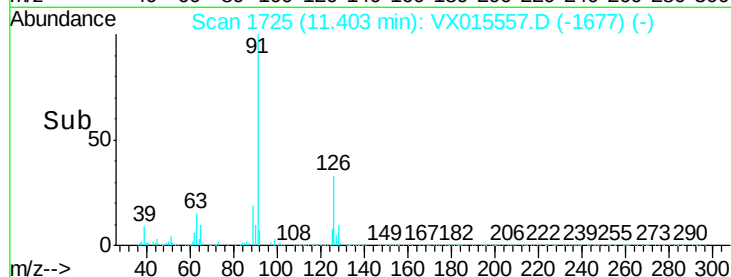
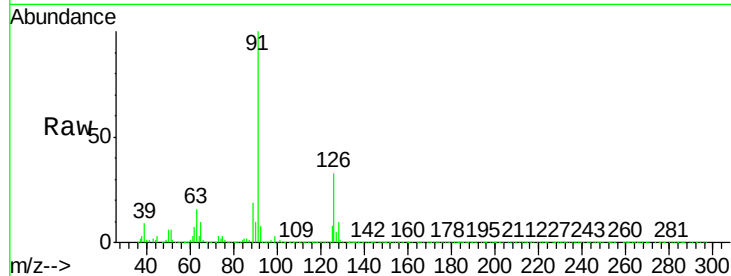
#79
 2-Chlorotoluene
 Concen: 51.948 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 2018085
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.5 49.5

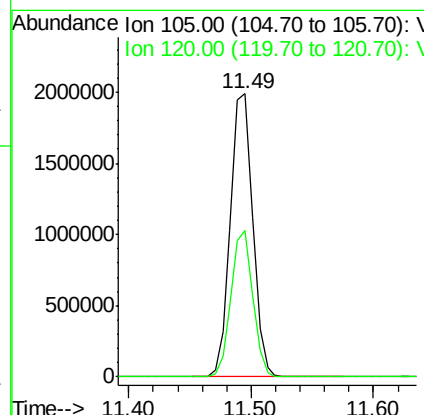
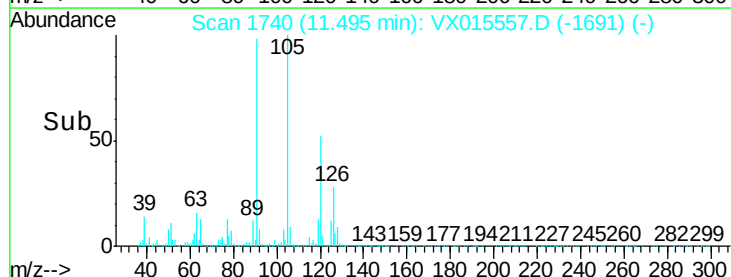
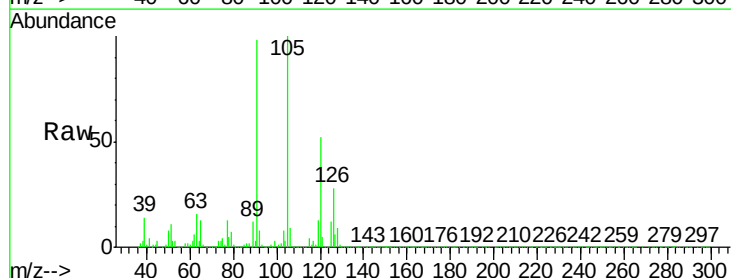
Manual Integrations
 APPROVED

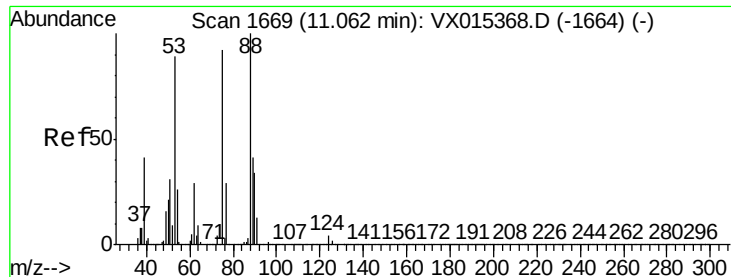
apatel
 4/9/2020 9:54:38 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 53.108 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion: 105 Resp: 2514027
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.4





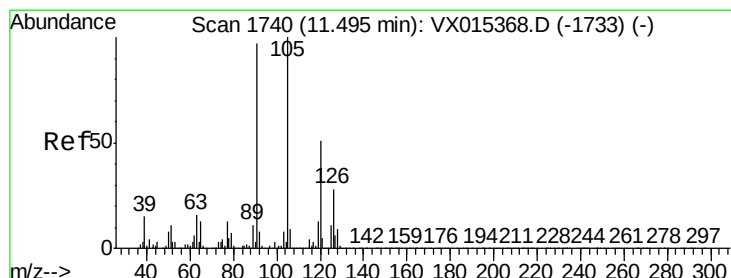
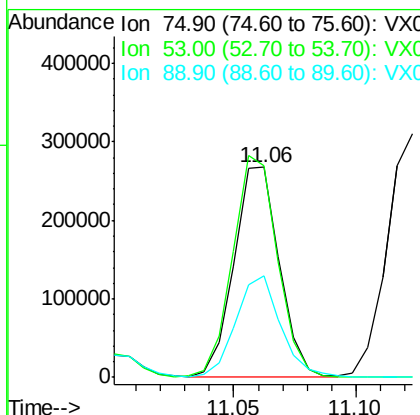
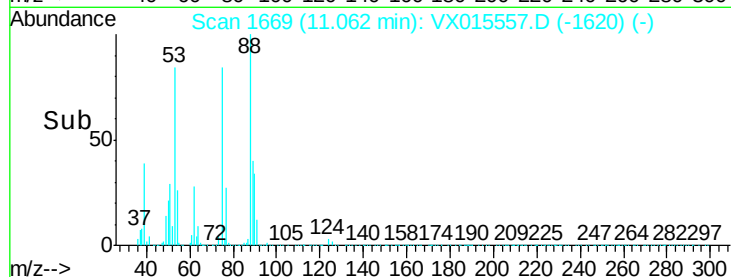
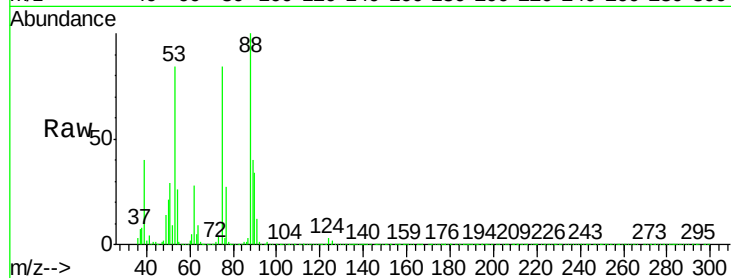
#81
trans-1,4-Dichloro-2-butene
Concen: 47.249 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	80.1	120.1
89	47.6	36.1	54.1

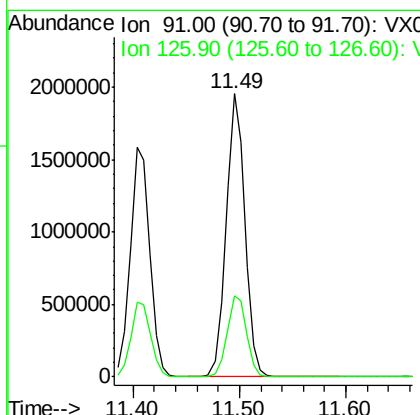
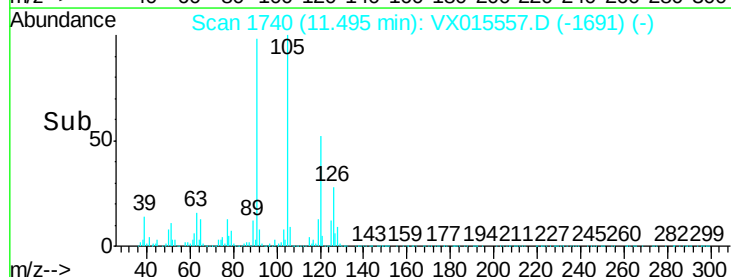
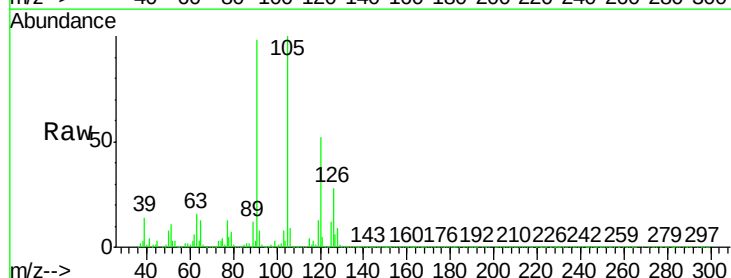
Manual Integrations
APPROVED

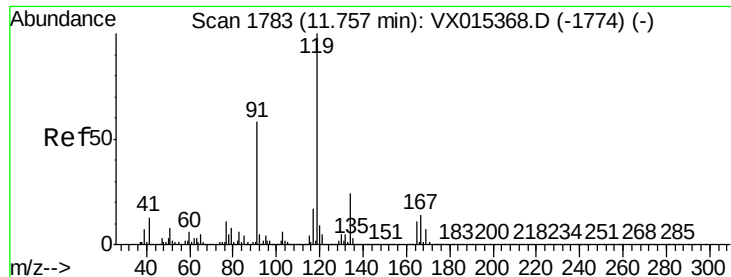
apatel
4/9/2020 9:54:38 AM



#82
4-Chlorotoluene
Concen: 52.866 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.7	44.1





#83

tert-Butylbenzene

Concen: 53.479 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015557.D

Acq: 08 Apr 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 2472829

Ion Ratio Lower Upper

119 100

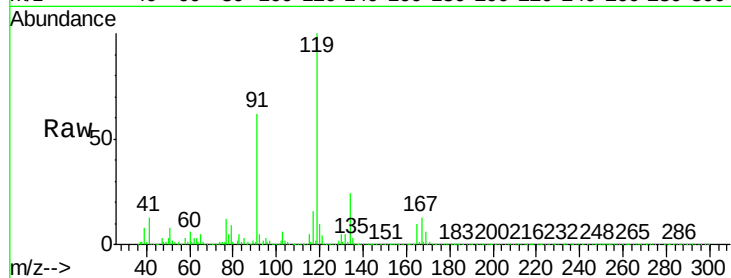
91 58.2 28.6 85.8

134 23.5 11.8 35.3

Manual Integrations
APPROVED

apatel

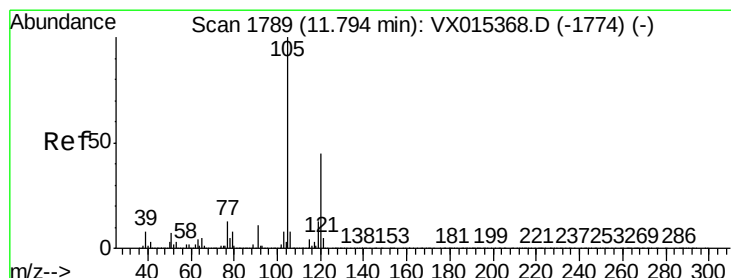
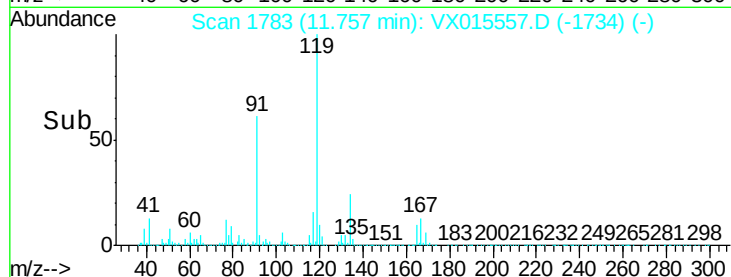
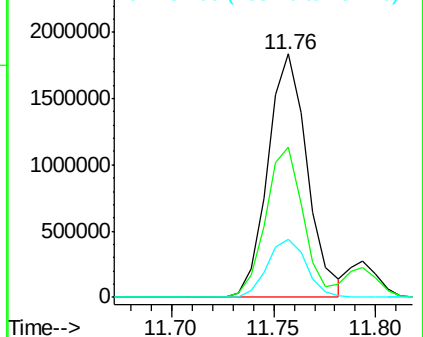
4/9/2020 9:54:38 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.251 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015557.D

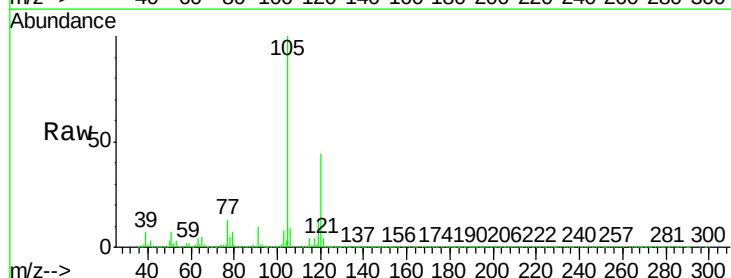
Acq: 08 Apr 2020 10:16

Tgt Ion:105 Resp: 2568788

Ion Ratio Lower Upper

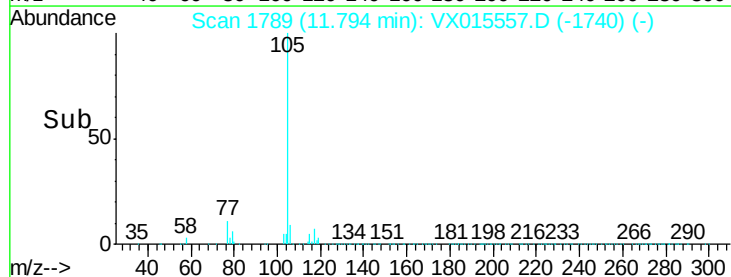
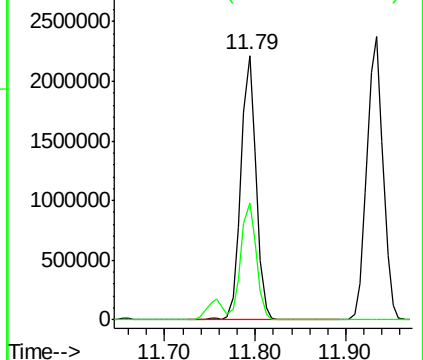
105 100

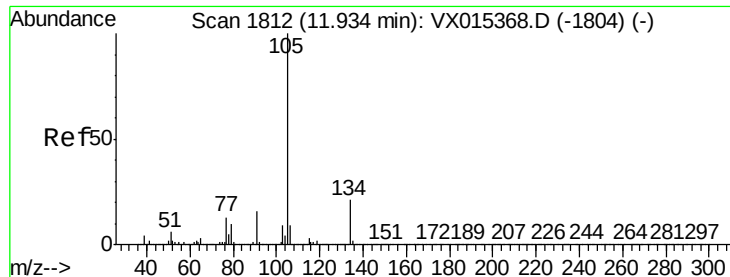
120 45.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





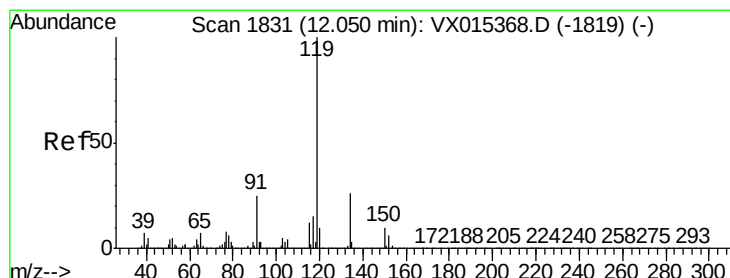
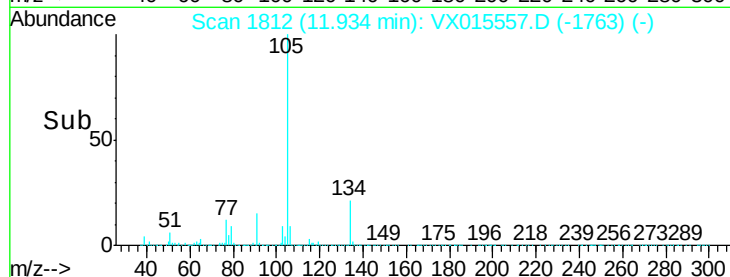
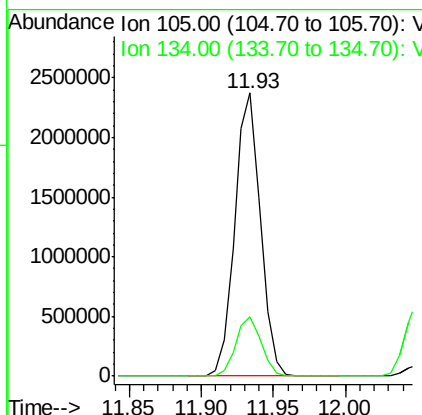
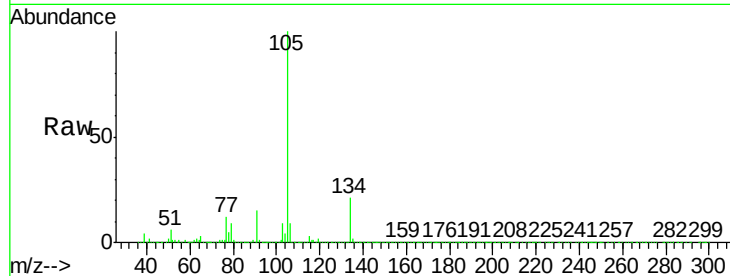
#85
 sec-Butylbenzene
 Concen: 55.170 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 2950334
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

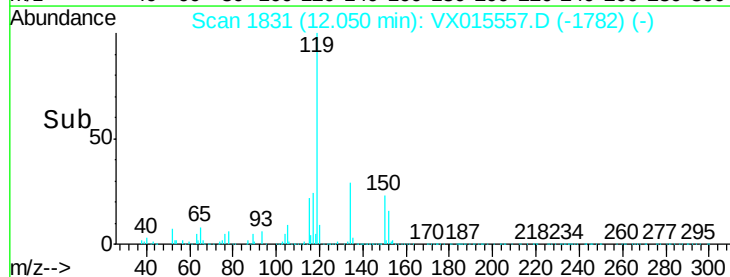
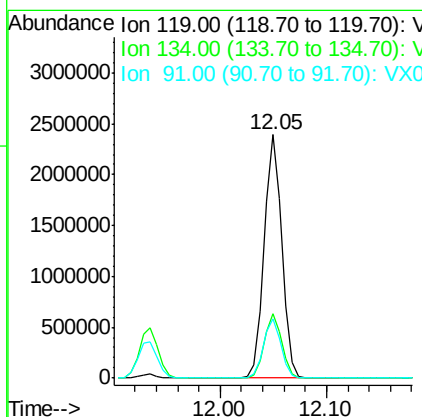
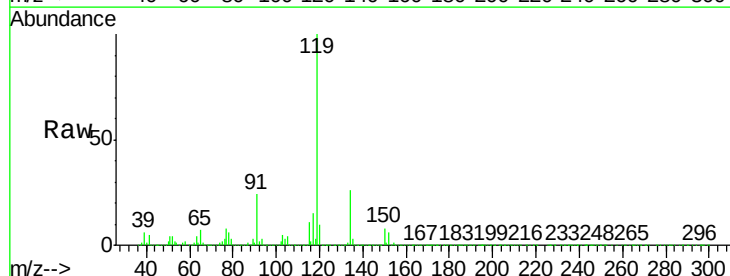
Manual Integrations
 APPROVED

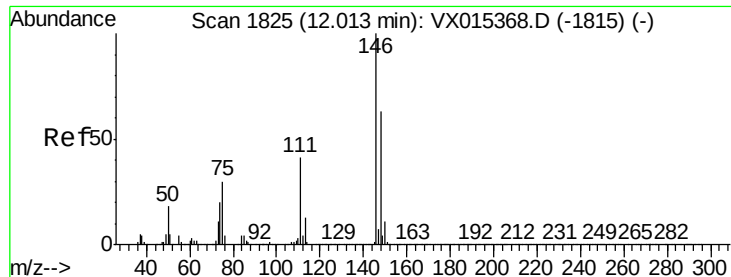
apatel
 4/9/2020 9:54:38 AM



#86
 p-Isopropyltoluene
 Concen: 55.959 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion:119 Resp: 2778101
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.1 12.4 37.4





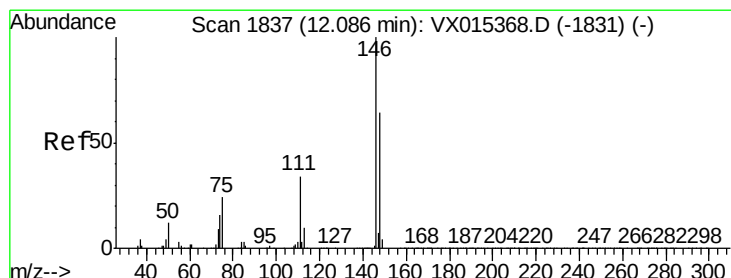
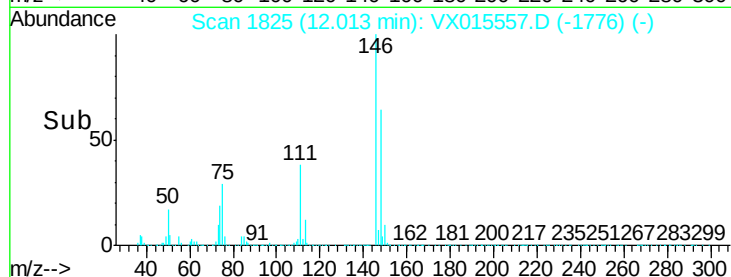
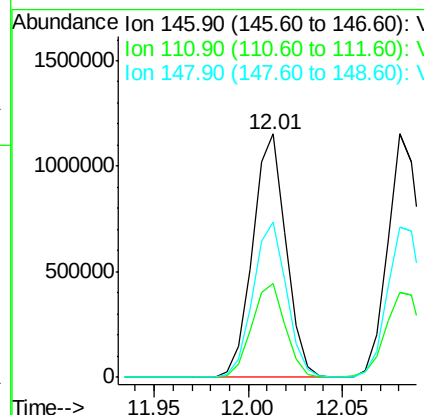
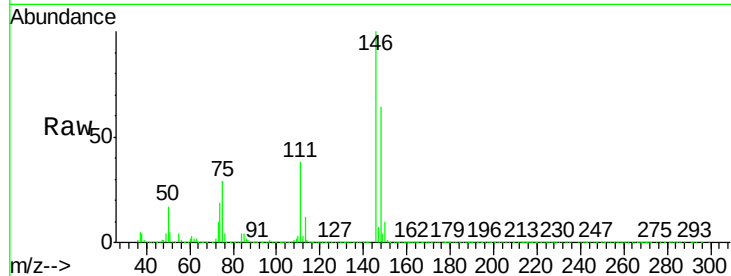
#87
 1,3-Dichlorobenzene
 Concen: 53.314 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.3	60.9
148	64.1	31.3	93.9

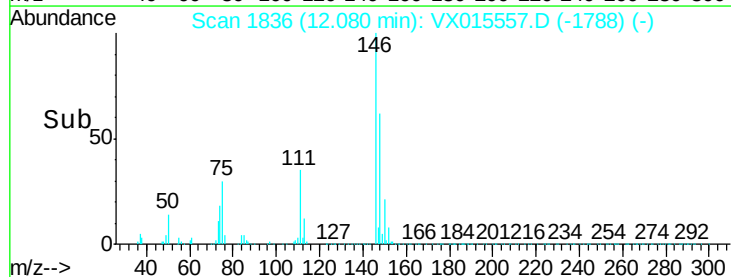
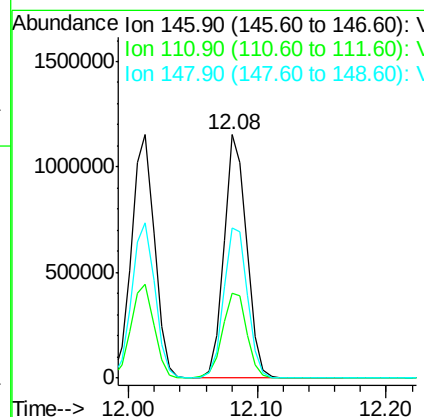
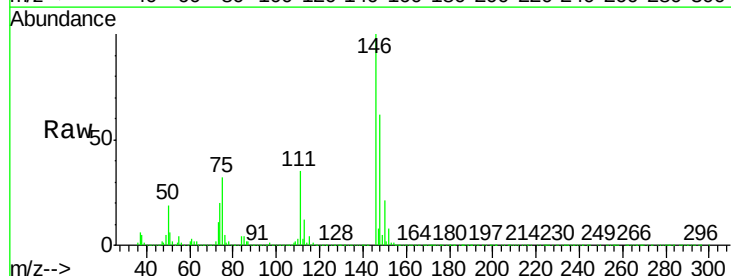
Manual Integrations
 APPROVED

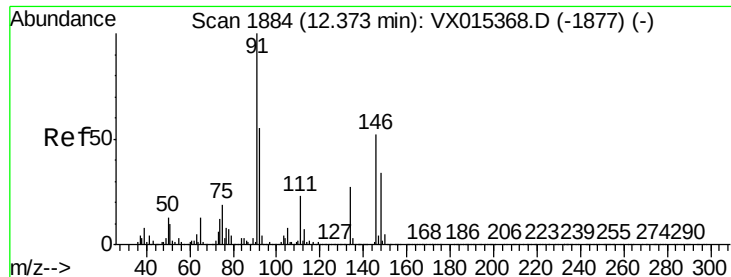
apatel
 4/9/2020 9:54:38 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.993 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	65.2	32.4	97.2





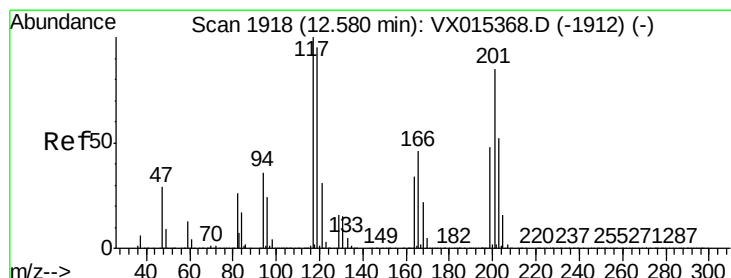
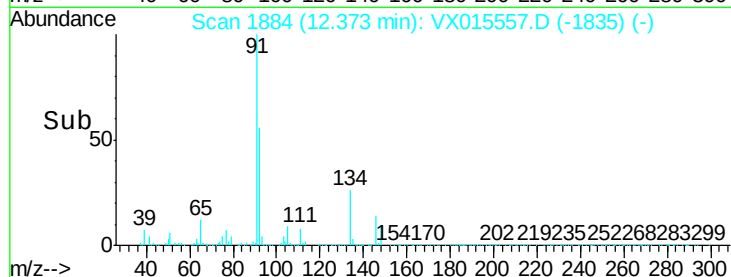
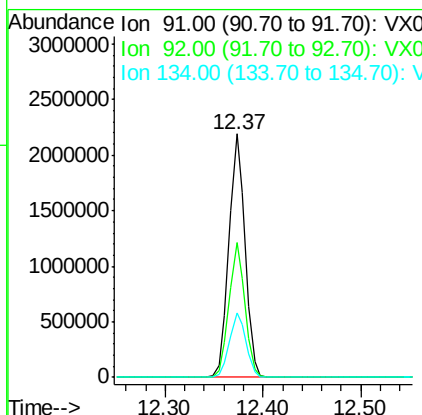
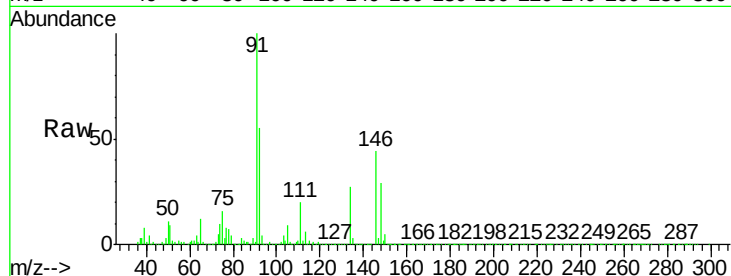
#89
n-Butylbenzene
Concen: 55.824 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.5
134	27.0	13.4	40.2

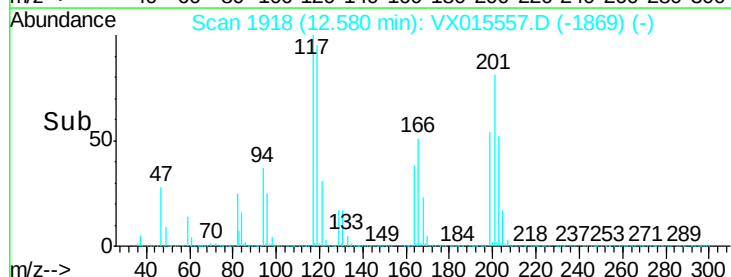
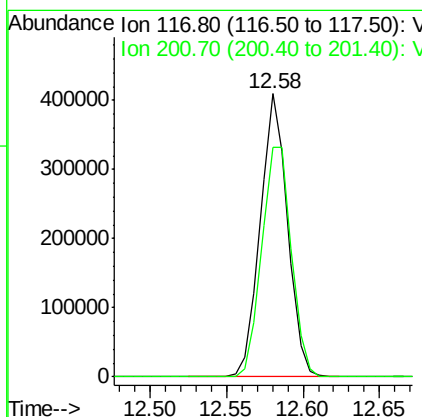
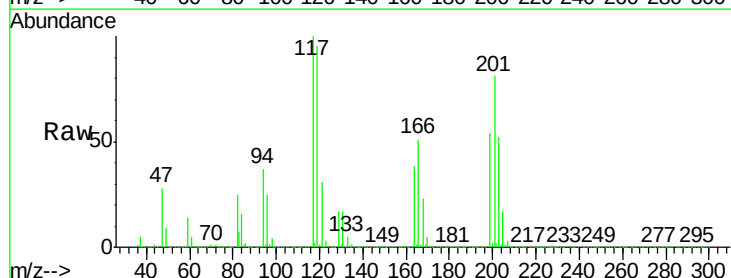
Manual Integrations
APPROVED

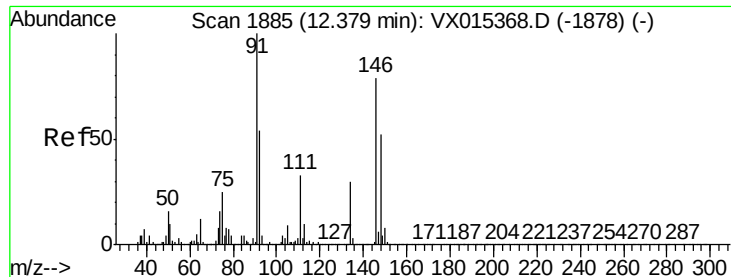
apatel
4/9/2020 9:54:38 AM



#90
Hexachloroethane
Concen: 52.846 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	42.6	128.0





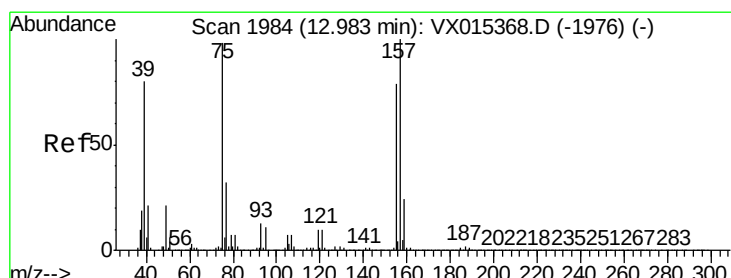
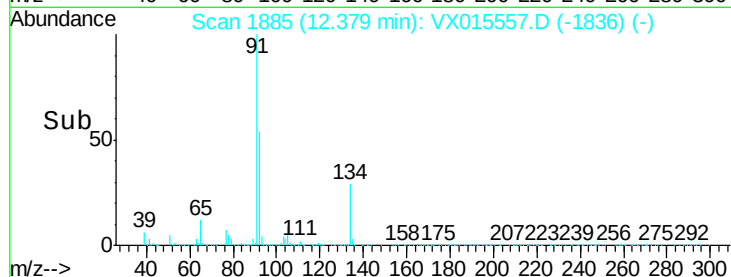
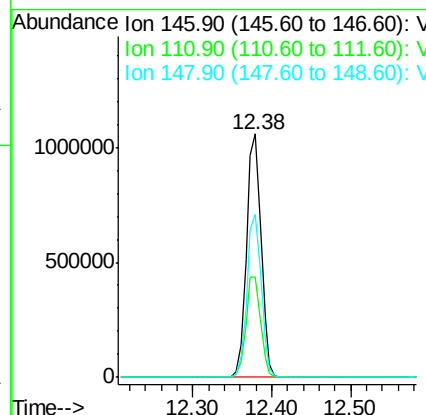
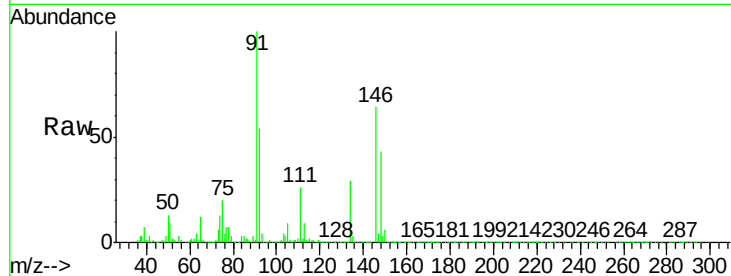
#91
 1,2-Dichlorobenzene
 Concen: 52.430 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.0	63.0
148	66.0	32.4	97.0

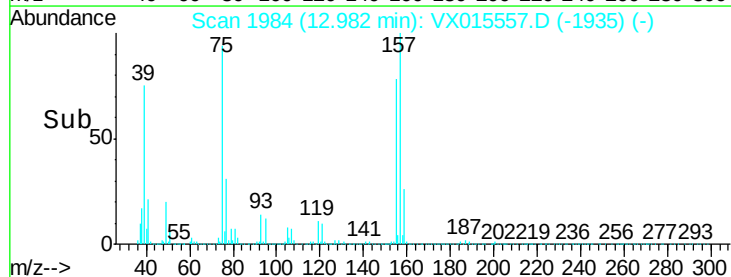
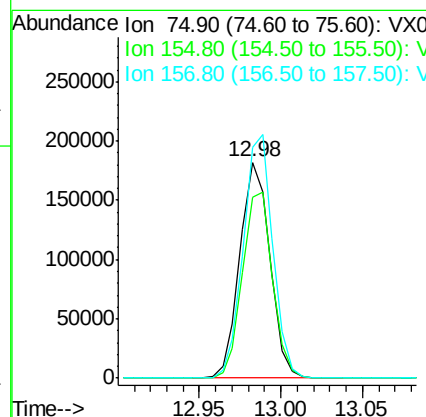
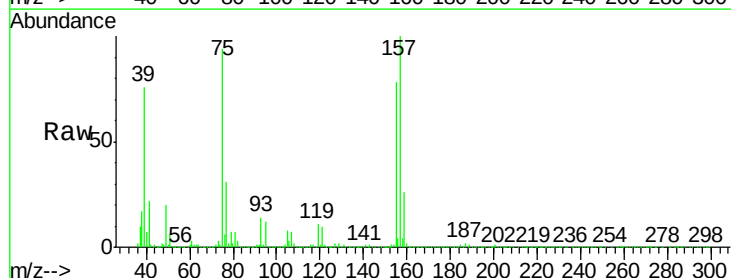
Manual Integrations
 APPROVED

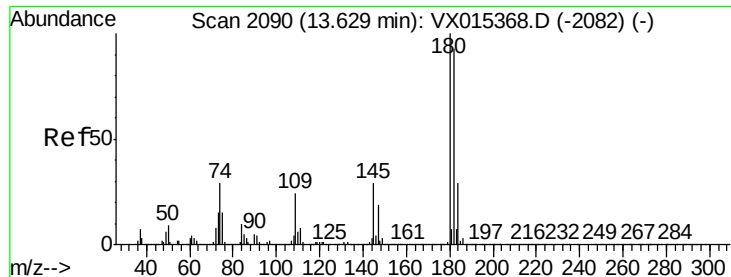
apatel
 4/9/2020 9:54:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.528 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	42.8	128.4
157	111.6	53.4	160.3





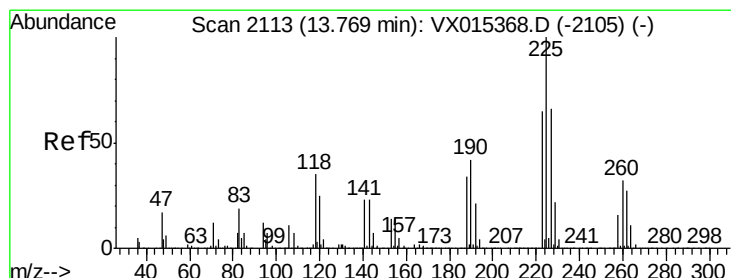
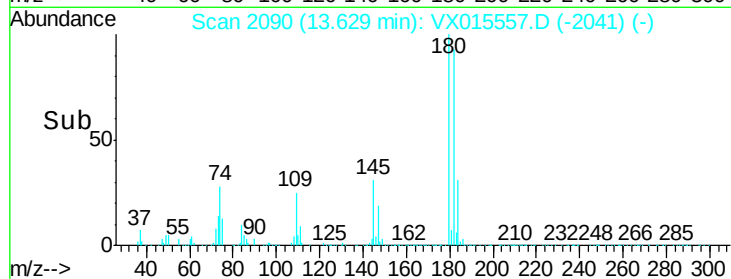
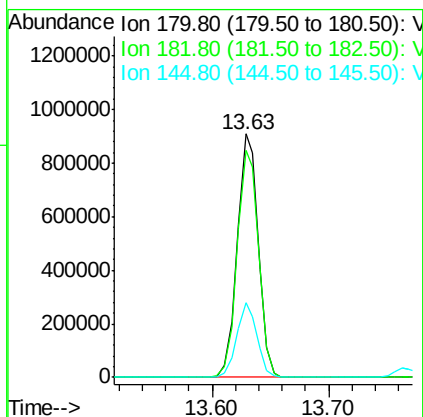
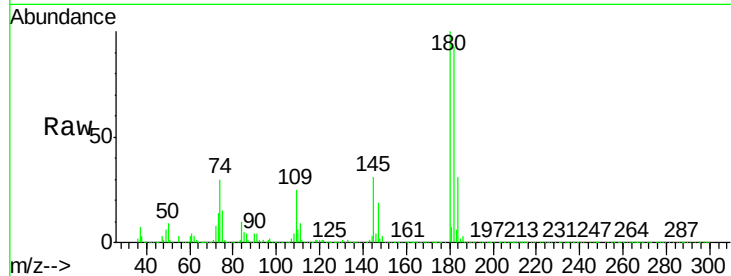
#93
 1,2,4-Trichlorobenzene
 Concen: 55.583 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.7
145	29.4	14.9	44.5

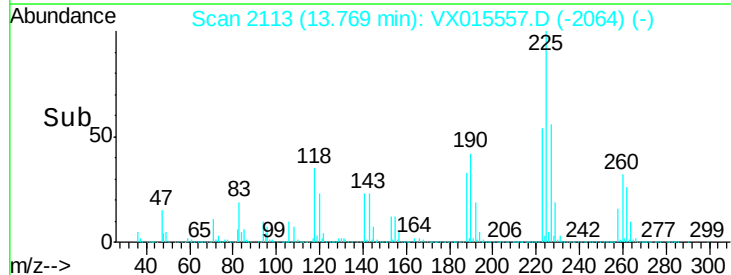
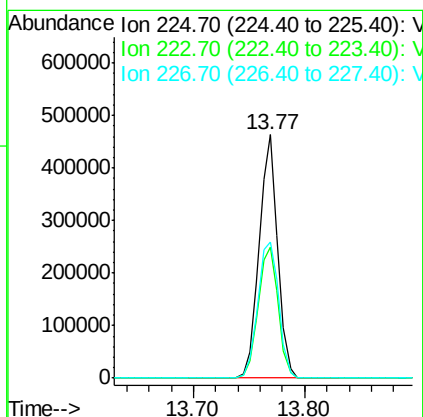
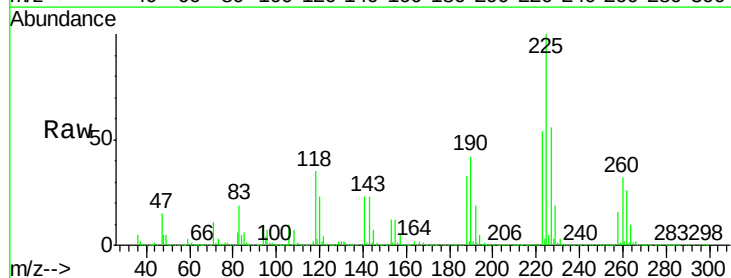
Manual Integrations
 APPROVED

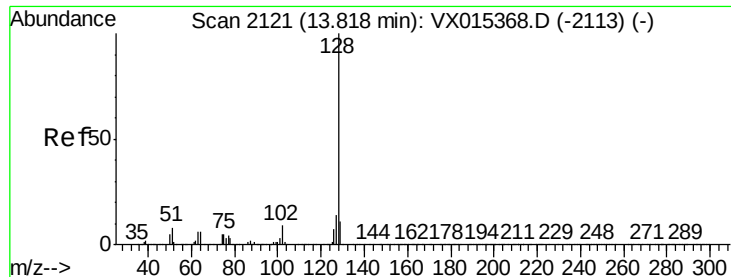
apatel
 4/9/2020 9:54:38 AM



#94
 Hexachlorobutadiene
 Concen: 55.088 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015557.D
 Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.2	31.9	95.7
227	63.2	30.4	91.3





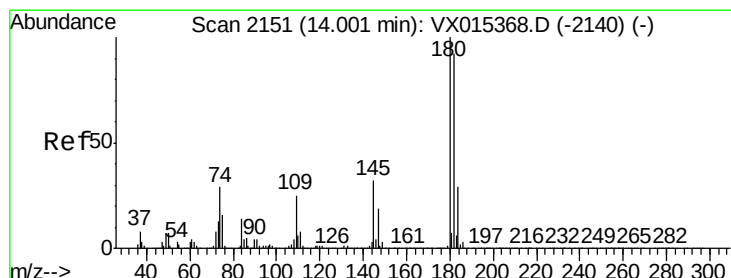
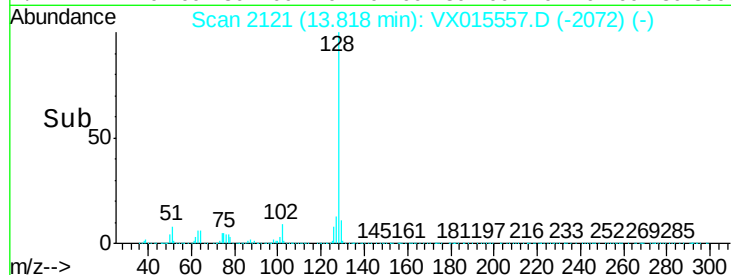
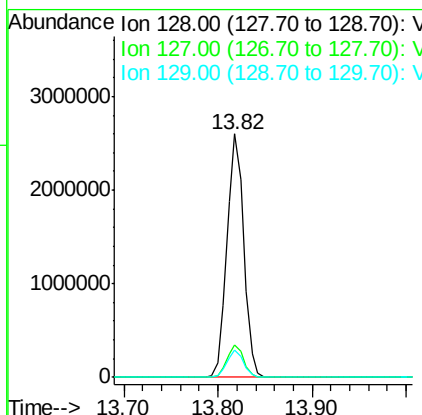
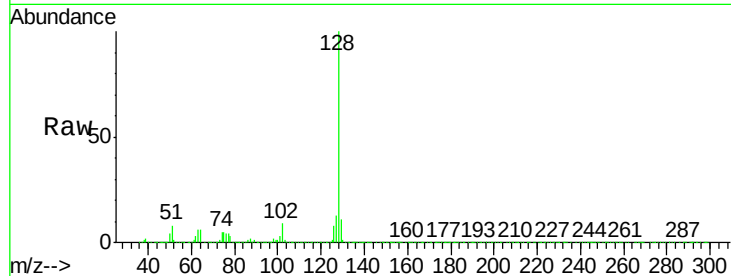
#95
Naphthalene
Concen: 51.384 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:38 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.895 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015557.D
Acq: 08 Apr 2020 10:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.7	140.0
145	31.8	15.8	47.3

