

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010820\
 Data File : VX014485.D
 Acq On : 08 Jan 2020 20:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/9/2020 2:33:48 PM

Quant Time: Jan 09 07:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	497269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	760056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	692915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	342536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	271442	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.49	113	223662	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	885475	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	317610	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	306429	49.636	ug/l	98
3) Chloromethane	1.32	50	319186	50.355	ug/l	99
4) Vinyl Chloride	1.40	62	367778	52.069	ug/l	98
5) Bromomethane	1.63	94	207135	44.241	ug/l	99
6) Chloroethane	1.72	64	197338	51.305	ug/l	99
7) Trichlorofluoromethane	1.92	101	390058	48.682	ug/l	97
8) Diethyl Ether	2.18	74	175246	47.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	232108	47.616	ug/l	99
10) Methyl Iodide	2.50	142	321704	55.115	ug/l	99
11) Tert butyl alcohol	3.03	59	270472	233.350	ug/l	99
12) 1,1-Dichloroethene	2.37	96	229609	46.751	ug/l	98
13) Acrolein	2.28	56	209195	225.174	ug/l	100
14) Allyl chloride	2.72	41	414324	48.051	ug/l	100
15) Acrylonitrile	3.13	53	688925	246.266	ug/l	99
16) Acetone	2.43	43	657067	235.831	ug/l	98
17) Carbon Disulfide	2.56	76	627154	45.765	ug/l	100
18) Methyl Acetate	2.76	43	432639	54.225	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	783452	49.693	ug/l	99
20) Methylene Chloride	2.85	84	262851	47.068	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	247222	46.109	ug/l	98
22) Diisopropyl ether	3.84	45	839881	50.403	ug/l	94
23) Vinyl Acetate	3.80	43	2503493	194.052	ug/l	100
24) 1,1-Dichloroethane	3.69	63	453099	49.984	ug/l	100
25) 2-Butanone	4.65	43	984879	237.514	ug/l	100
26) 2,2-Dichloropropane	4.58	77	341137	44.425	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	289715	48.335	ug/l	98
28) Bromochloromethane	5.00	49	182373	47.746	ug/l	96
29) Tetrahydrofuran	5.11	42	620361	253.039	ug/l	99
30) Chloroform	5.20	83	441208	49.809	ug/l	98
31) Cyclohexane	5.57	56	426273	50.239	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	374825	49.435	ug/l	100
36) 1,1-Dichloropropene	5.79	75	338251	47.324	ug/l	99
37) Ethyl Acetate	4.82	43	371458	47.845	ug/l	100
38) Carbon Tetrachloride	5.78	117	321244	48.840	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010820\
 Data File : VX014485.D
 Acq On : 08 Jan 2020 20:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/9/2020 2:33:48 PM

Quant Time: Jan 09 07:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	427048	47.556	ug/l	97
40) Benzene	6.14	78	1036543	48.861	ug/l	99
41) Methacrylonitrile	5.03	41	212023	51.210	ug/l	98
42) 1,2-Dichloroethane	6.18	62	349613	47.135	ug/l	100
43) Isopropyl Acetate	6.43	43	619141	49.366	ug/l	100
44) Trichloroethene	7.20	130	304154	49.890	ug/l	99
45) 1,2-Dichloropropane	7.51	63	268392	49.624	ug/l	99
46) Dibromomethane	7.65	93	172969	45.820	ug/l	99
47) Bromodichloromethane	7.89	83	342118	49.807	ug/l	97
48) Methyl methacrylate	7.76	41	304987	50.773	ug/l	99
49) 1,4-Dioxane	7.73	88	118543	931.357	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1901351	248.781	ug/l	100
52) Toluene	8.78	92	658375	48.481	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	379599	47.468	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	425832	49.294	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	265380	48.653	ug/l	100
56) Ethyl methacrylate	9.17	69	421897	50.486	ug/l	98
57) 1,3-Dichloropropane	9.37	76	443735	48.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	742215	261.048	ug/l	99
59) 2-Hexanone	9.48	43	1481228	244.944	ug/l	99
60) Dibromochloromethane	9.58	129	277636	50.641	ug/l	100
61) 1,2-Dibromoethane	9.67	107	280221	48.498	ug/l	98
64) Tetrachloroethene	9.33	164	411223	59.215	ug/l	98
65) Chlorobenzene	10.14	112	701843	46.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	260185	48.484	ug/l	99
67) Ethyl Benzene	10.25	91	1238244	48.311	ug/l	98
68) m/p-Xylenes	10.35	106	949946	96.070	ug/l	99
69) o-Xylene	10.70	106	461428	48.909	ug/l	98
70) Styrene	10.71	104	796956	48.949	ug/l	99
71) Bromoform	10.85	173	213297	48.580	ug/l #	98
73) Isopropylbenzene	11.01	105	1224500	50.907	ug/l	100
74) N-amyl acetate	10.89	43	550254	51.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	360753	46.767	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	327810m	46.254	ug/l	
77) Bromobenzene	11.25	156	320613	48.064	ug/l	99
78) n-propylbenzene	11.35	91	1386193	50.321	ug/l	100
79) 2-Chlorotoluene	11.42	91	810982	49.396	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1014686	50.810	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	134204	50.064	ug/l	99
82) 4-Chlorotoluene	11.51	91	932449	48.385	ug/l	99
83) tert-Butylbenzene	11.76	119	867207	45.960	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	1025245	50.808	ug/l	100
85) sec-Butylbenzene	11.94	105	1177654	50.205	ug/l	100
86) p-Isopropyltoluene	12.06	119	1079093	49.575	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	566196	47.296	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	561311	49.908	ug/l	99
89) n-Butylbenzene	12.39	91	930932	46.776	ug/l	100
90) Hexachloroethane	12.59	117	187391	49.011	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	560973	47.828	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84525	48.714	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
Data File : VX014485.D
Acq On : 08 Jan 2020 20:36
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

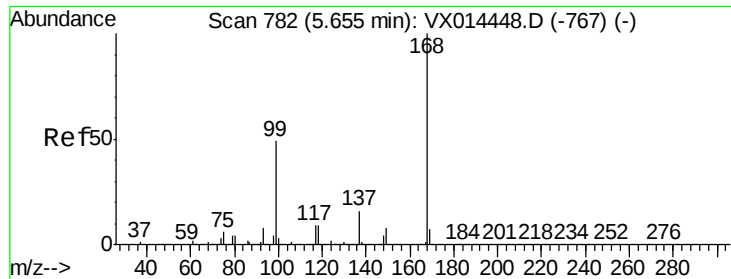
Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM

Quant Time: Jan 09 07:56:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	384191	46.664	ug/l	98
94) Hexachlorobutadiene	13.78	225	184712	47.913	ug/l	99
95) Naphthalene	13.83	128	1180950	46.221	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	384430	47.572	ug/l	99

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



#1

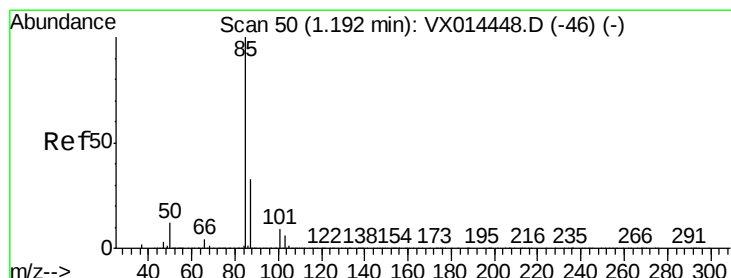
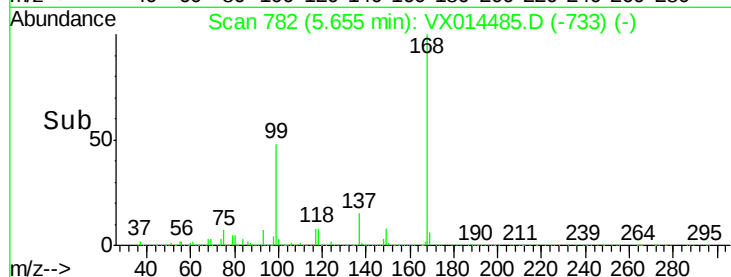
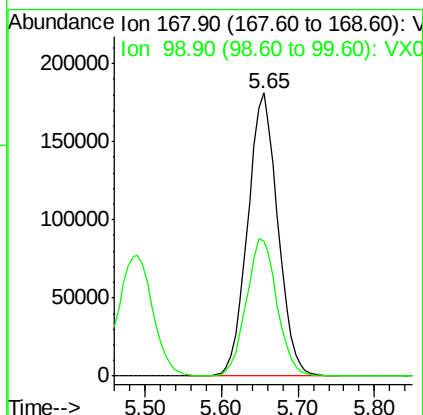
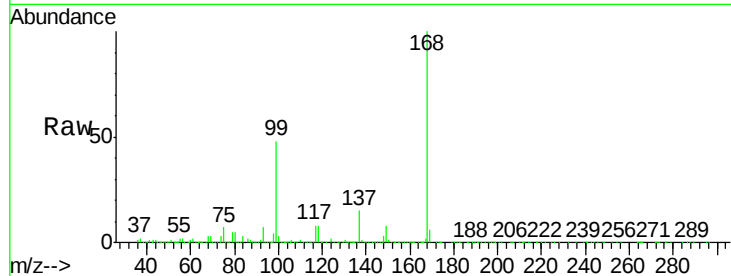
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
168	100		
99	47.7	39.2	58.8

Manual Integrations
 APPROVED

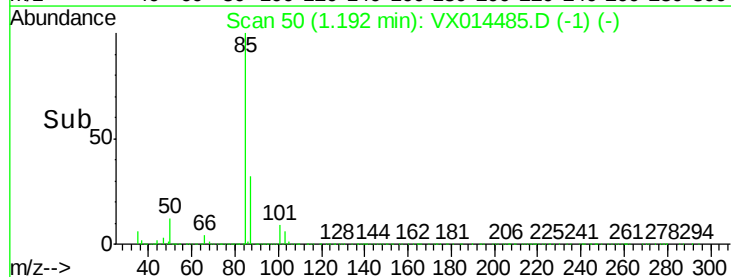
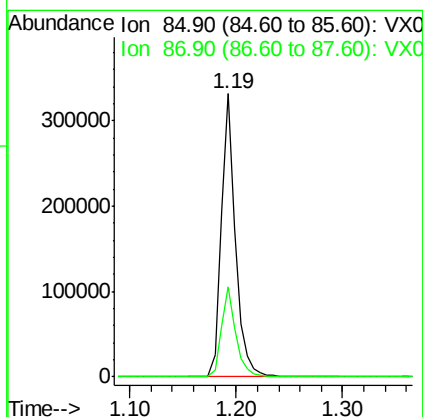
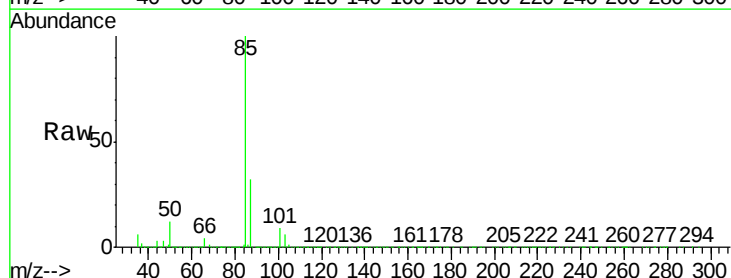
apatel
 1/9/2020 2:33:48 PM

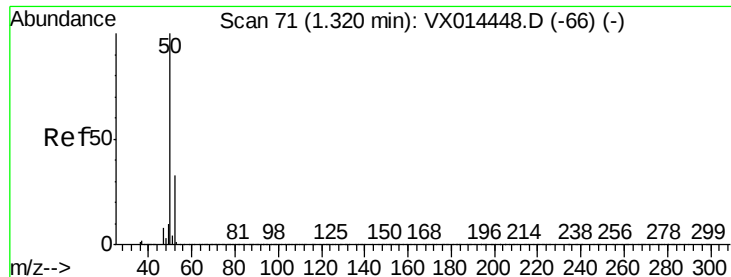


#2

Dichlorodifluoromethane
 Concen: 49.636 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.5	49.5





#3

Chloromethane

Concen: 50.355 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 319186

Ion Ratio Lower Upper

50 100

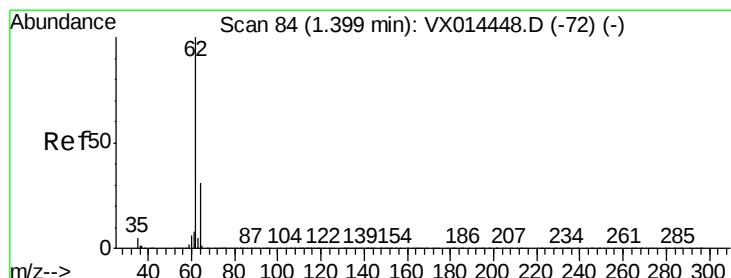
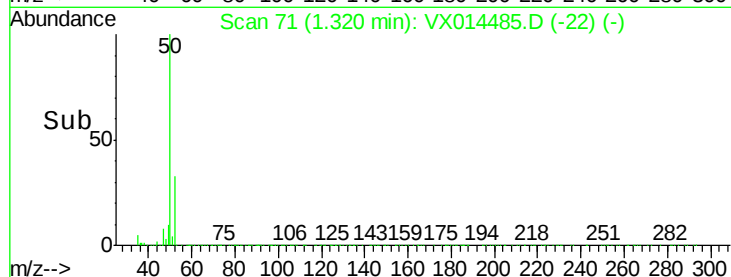
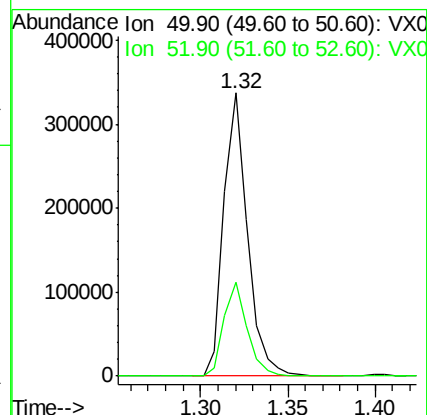
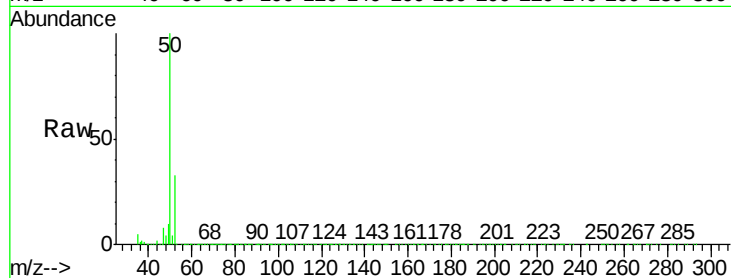
52 33.1 26.1 39.1

Manual Integrations

APPROVED

apatel

1/9/2020 2:33:48 PM



#4

Vinyl Chloride

Concen: 52.069 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014485.D

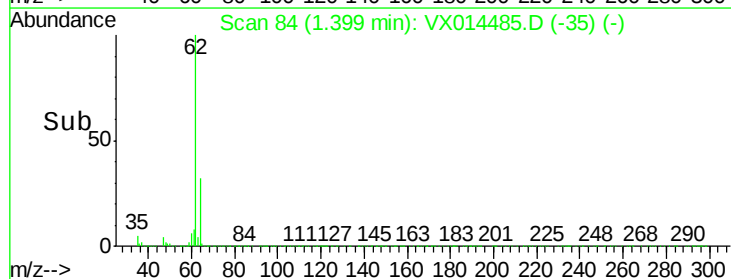
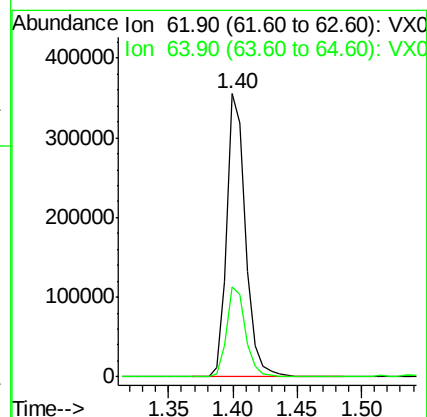
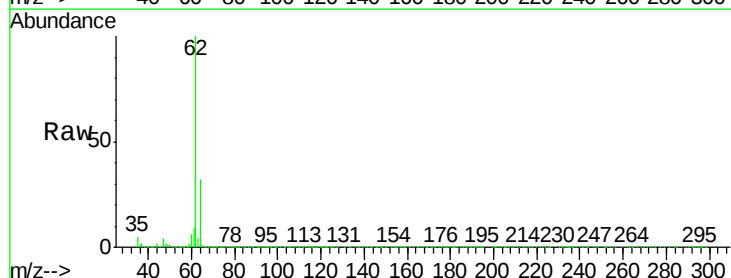
Acq: 08 Jan 2020 20:36

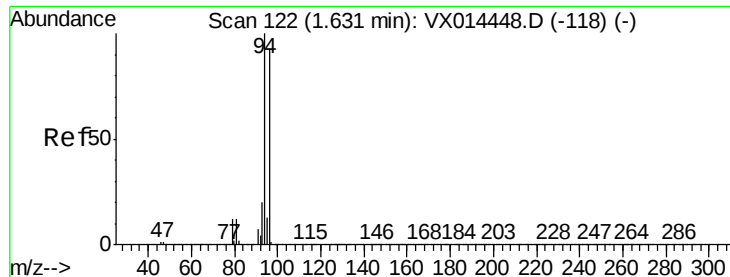
Tgt Ion: 62 Resp: 367778

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 44.241 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 207135

Ion Ratio Lower Upper

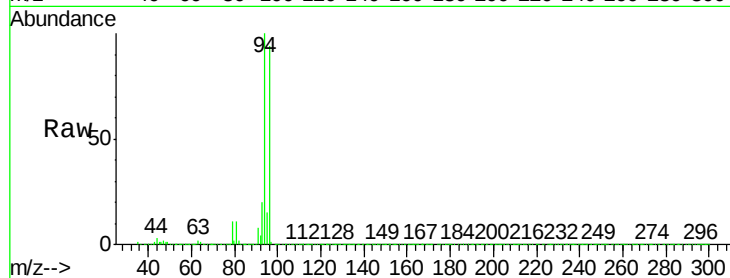
94 100

96 94.0 74.2 111.2

Manual Integrations
APPROVED

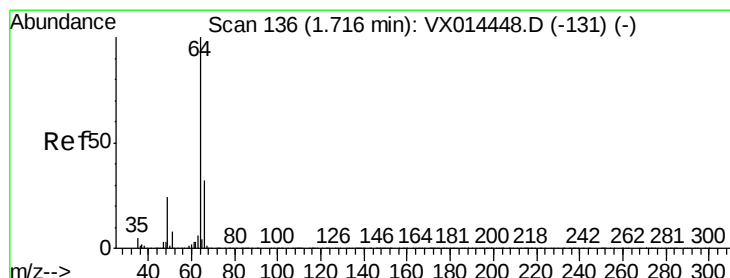
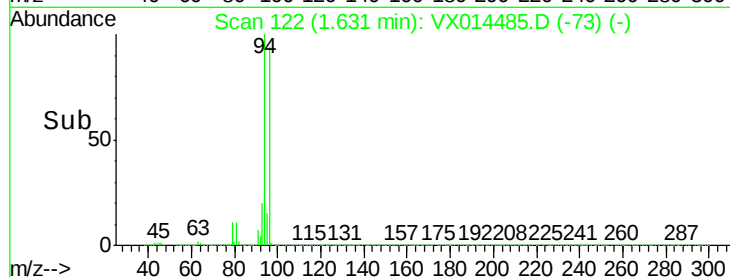
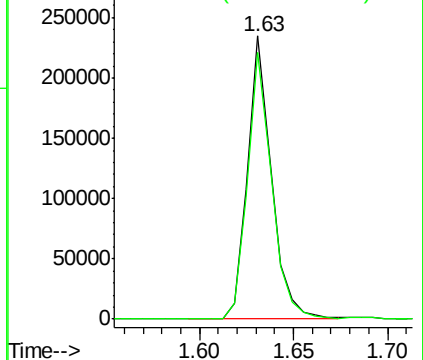
apatel

1/9/2020 2:33:48 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.305 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014485.D

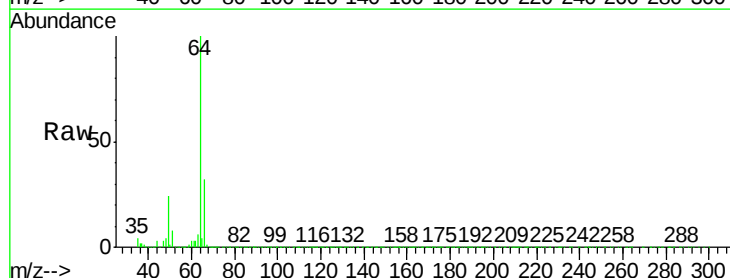
Acq: 08 Jan 2020 20:36

Tgt Ion: 64 Resp: 197338

Ion Ratio Lower Upper

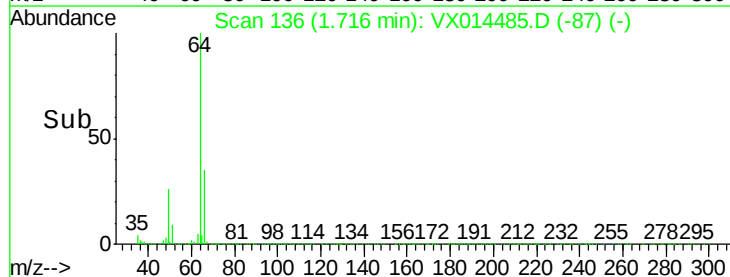
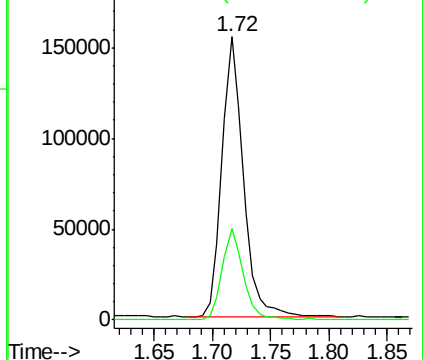
64 100

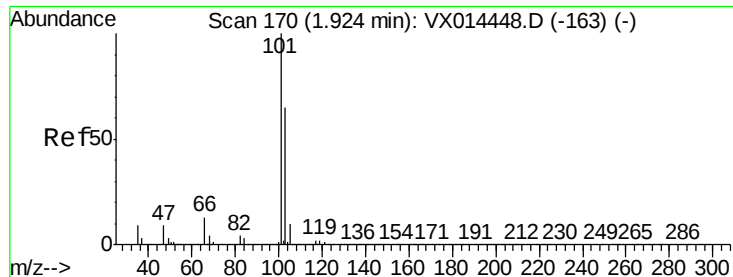
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

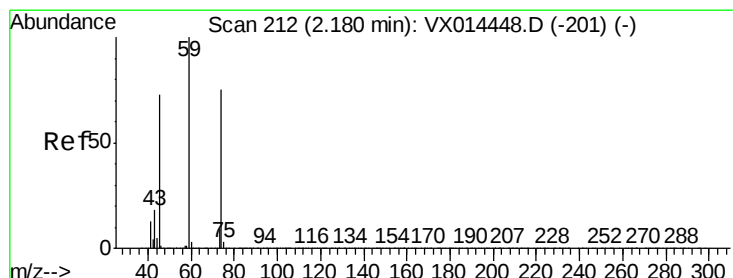
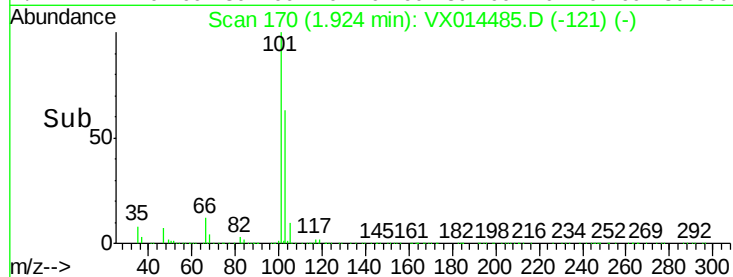
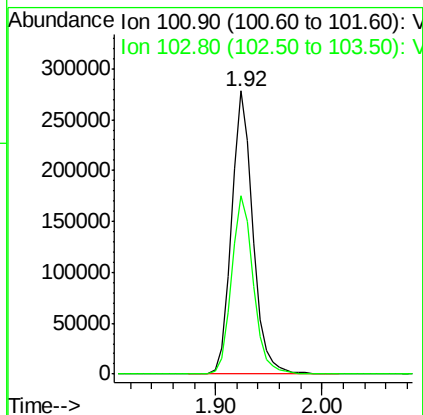
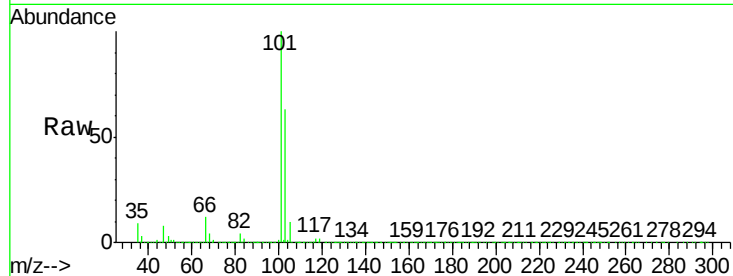
Trichlorofluoromethane
Concen: 48.682 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.2	78.4

Manual Integrations
APPROVED

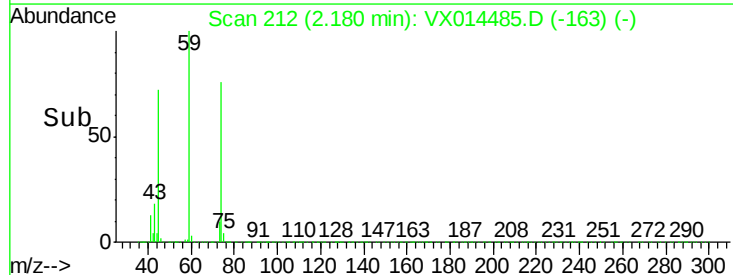
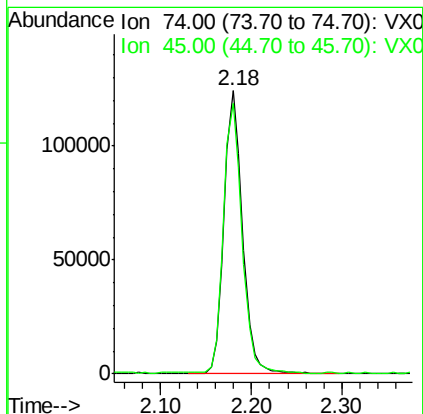
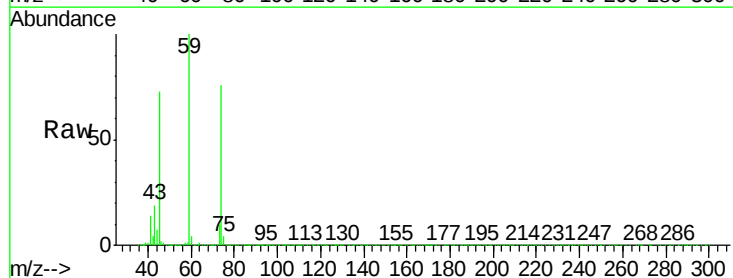
apatel
1/9/2020 2:33:48 PM

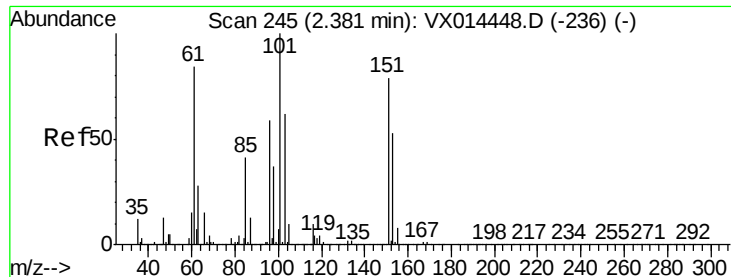


#8

Diethyl Ether
Concen: 47.942 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.616 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

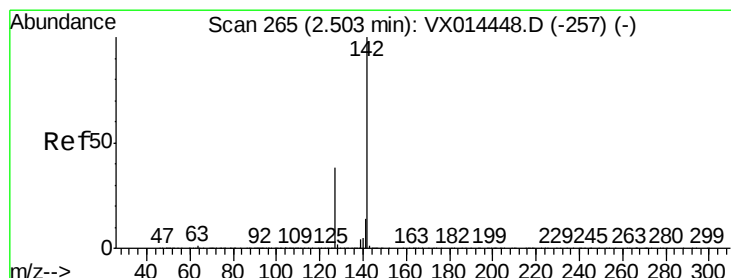
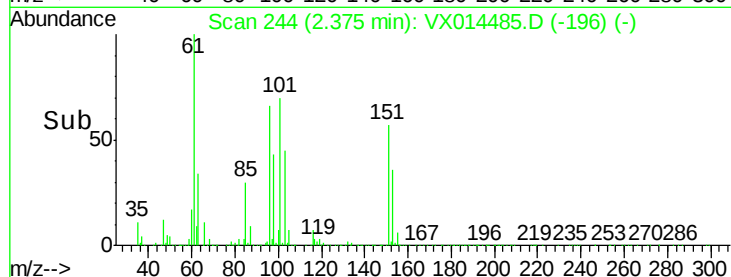
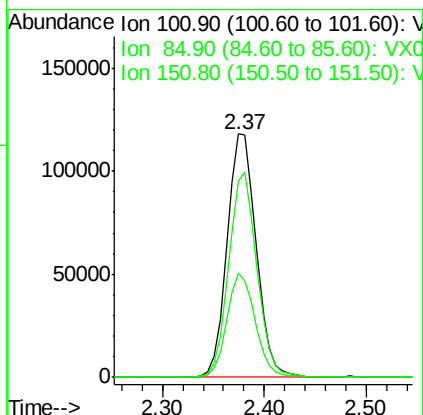
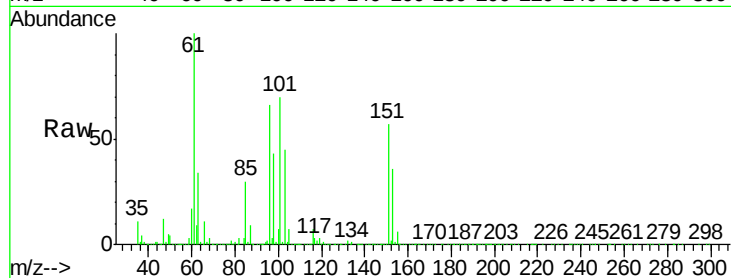
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	232108
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.8	50.8
151	81.3	65.3	97.9

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#10

Methyl Iodide

Concen: 55.115 ug/l

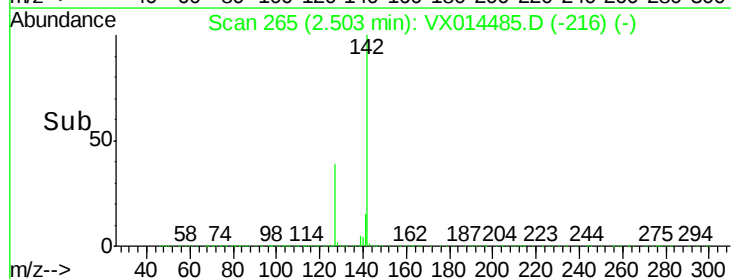
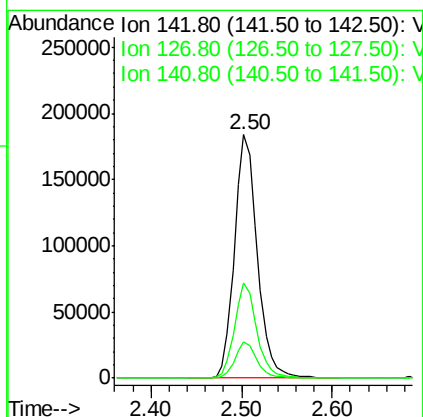
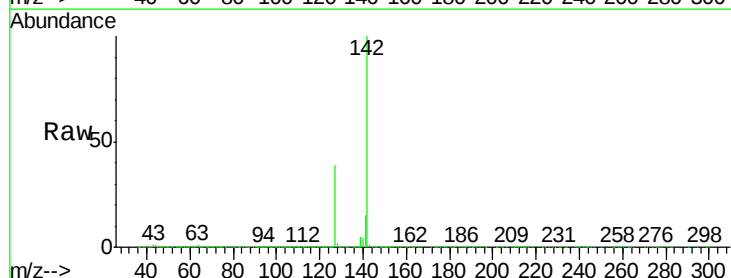
RT: 2.50 min Scan# 265

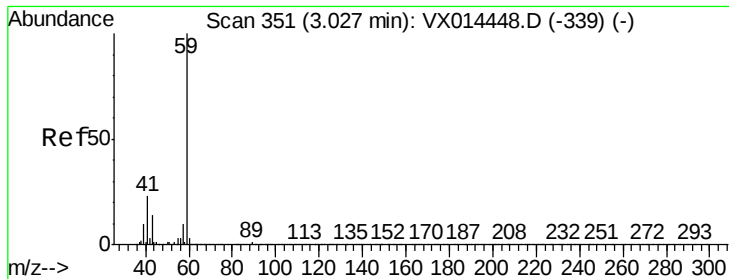
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	142	Resp:	321704
Ion Ratio	Lower	Upper	
142	100		
127	38.0	31.2	46.8
141	14.2	11.4	17.2





#11

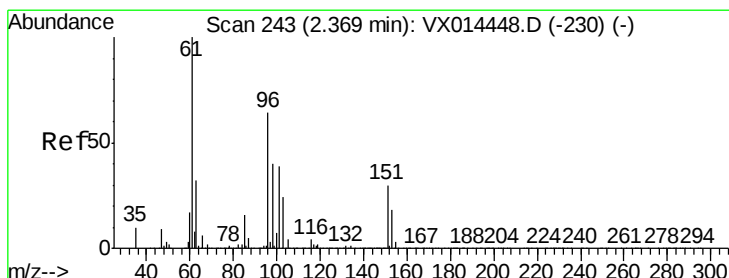
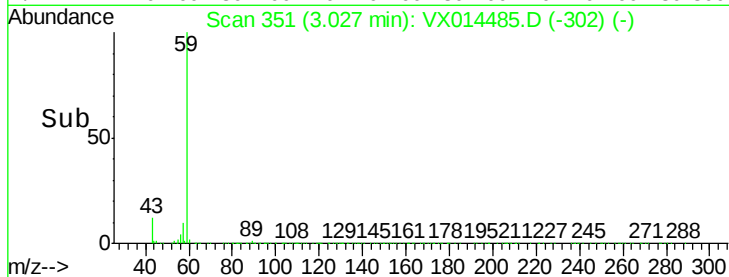
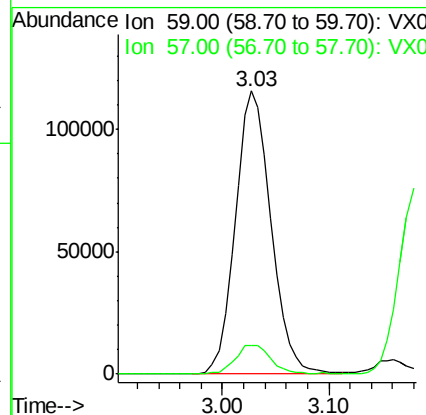
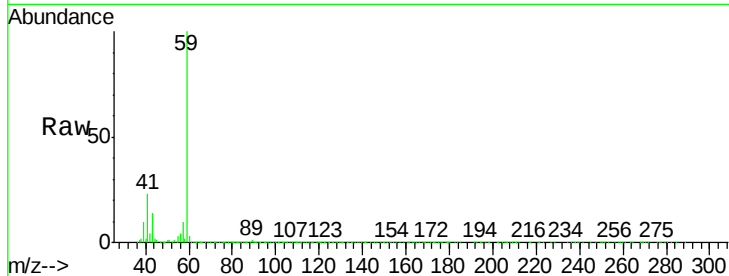
Tert butyl alcohol
Concen: 233.350 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

Manual Integrations
APPROVED

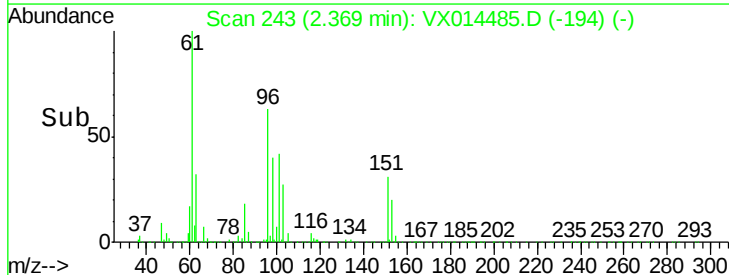
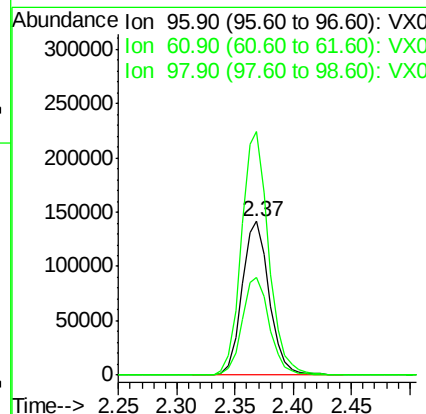
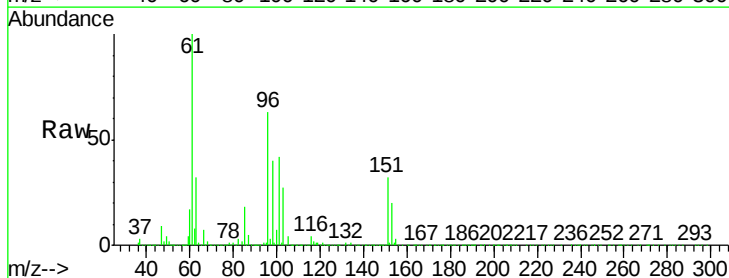
apatel
1/9/2020 2:33:48 PM

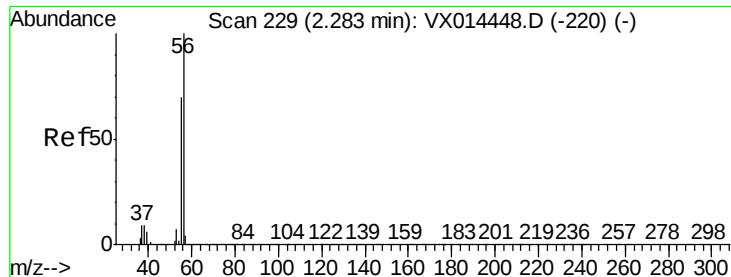


#12

1,1-Dichloroethene
Concen: 46.751 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	125.0	187.6
98	64.0	50.2	75.2





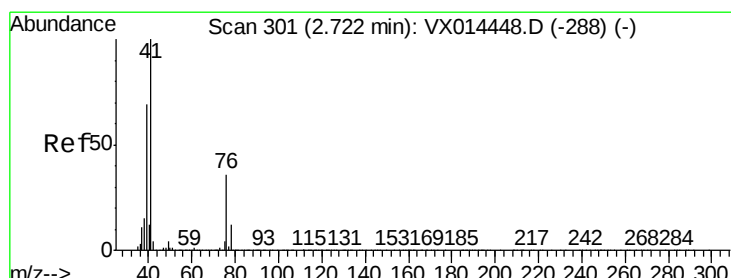
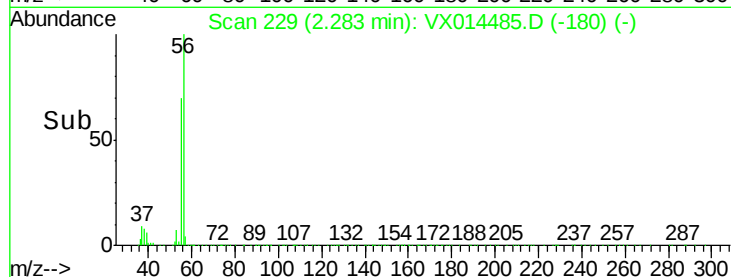
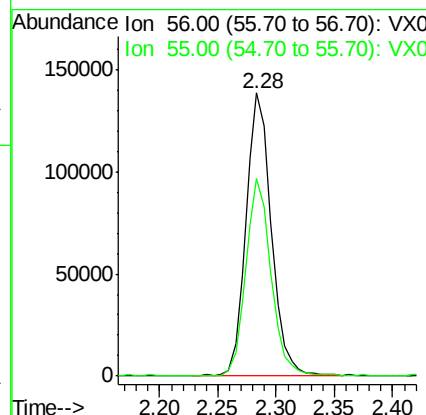
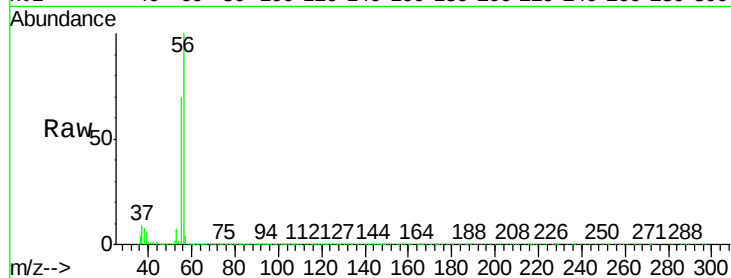
#13
Acrolein
Concen: 225.174 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.1	55.0	82.6

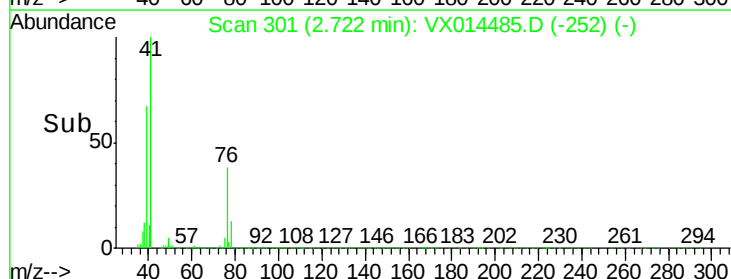
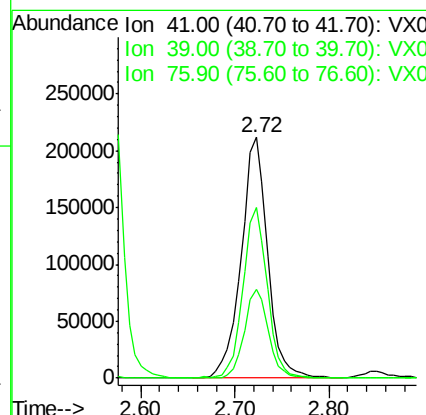
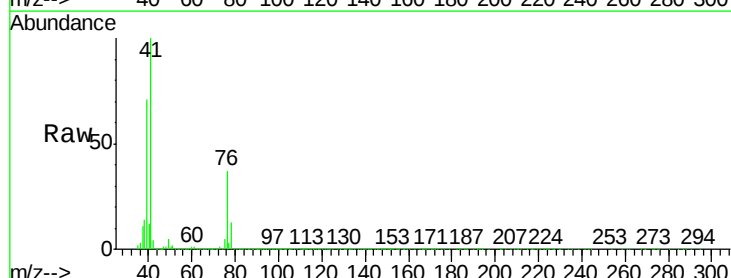
Manual Integrations
APPROVED

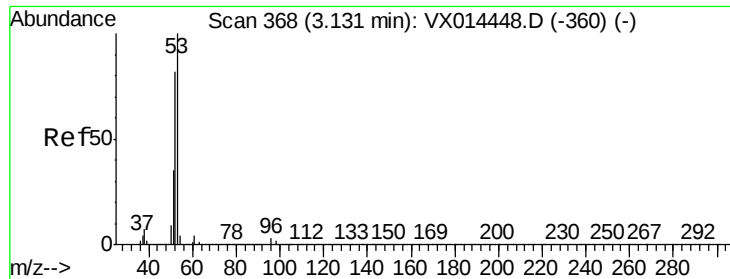
apatel
1/9/2020 2:33:48 PM



#14
Allyl chloride
Concen: 48.051 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.7	51.7	77.5
76	33.3	26.8	40.2





#15

Acrylonitrile

Concen: 246.266 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

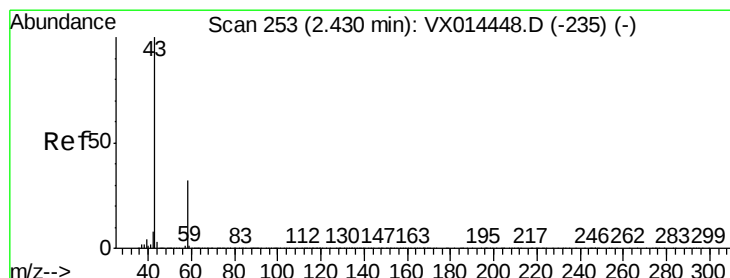
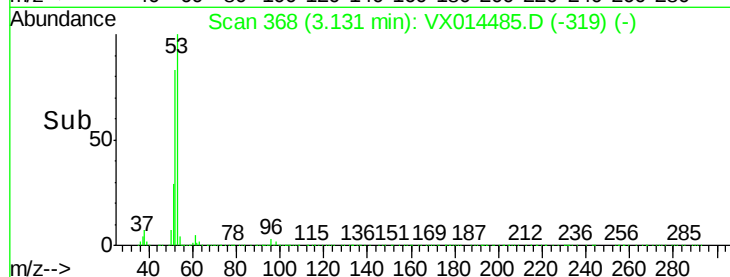
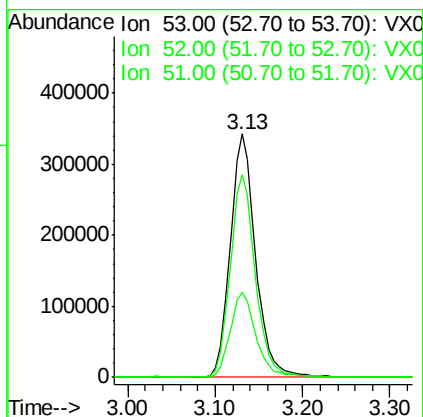
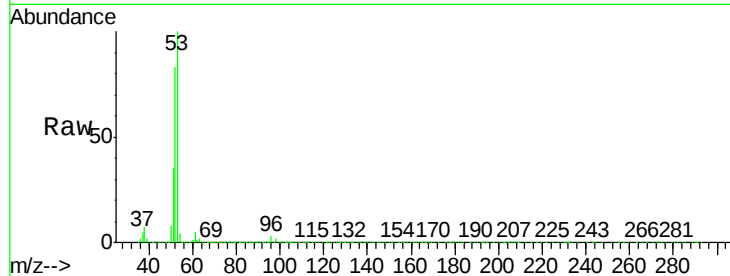
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	688925
Ion Ratio		Lower	Upper
53	100		
52	82.7	67.0	100.4
51	36.0	28.5	42.7

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#16

Acetone

Concen: 235.831 ug/l

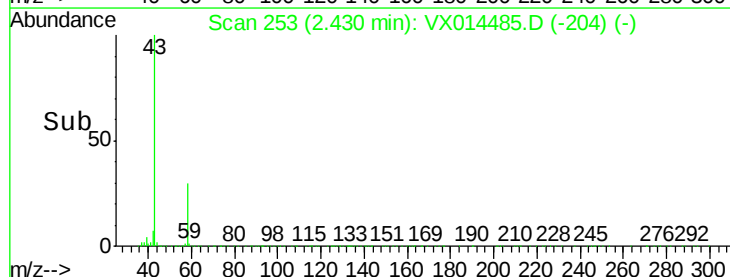
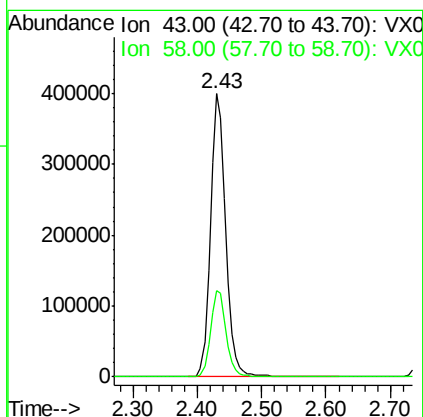
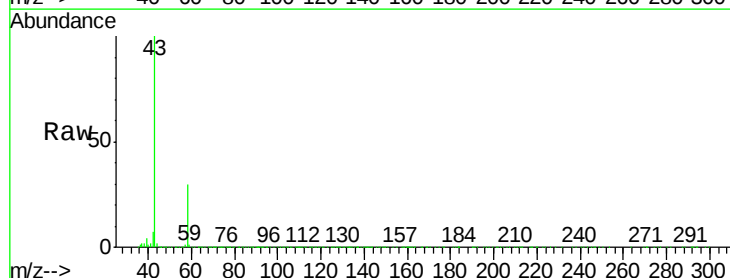
RT: 2.43 min Scan# 253

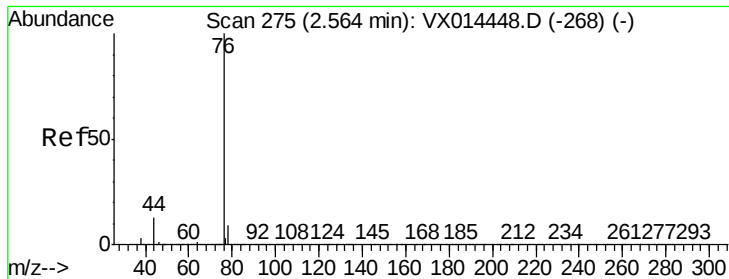
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	43	Resp:	657067
Ion Ratio		Lower	Upper
43	100		
58	30.4	25.4	38.0





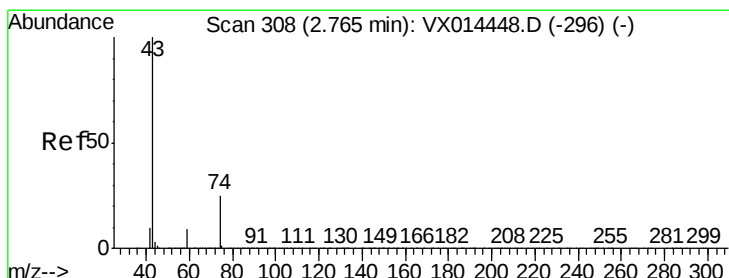
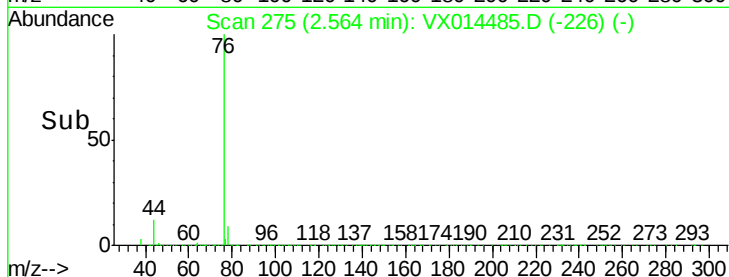
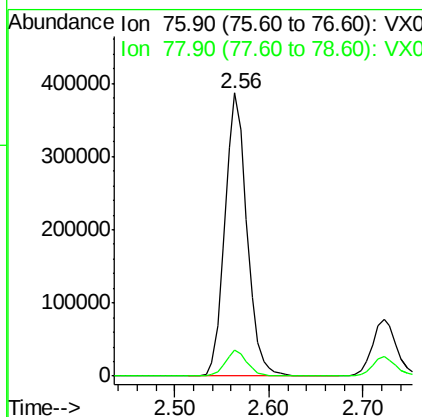
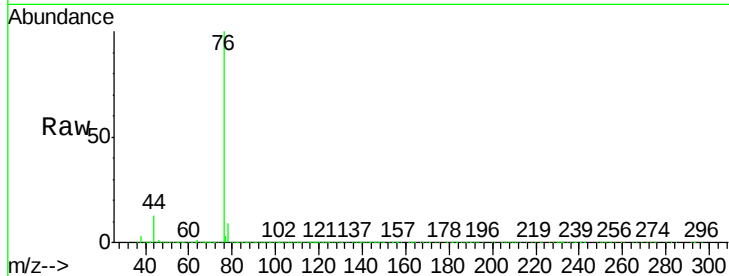
#17
Carbon Disulfide
Concen: 45.765 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

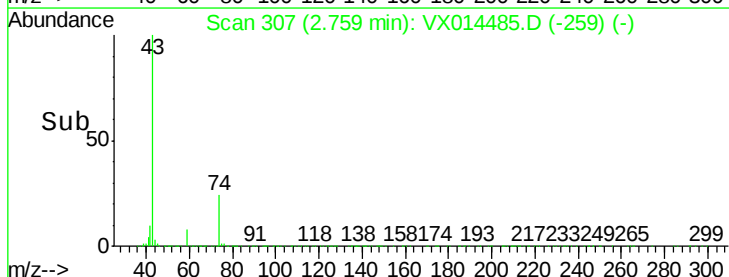
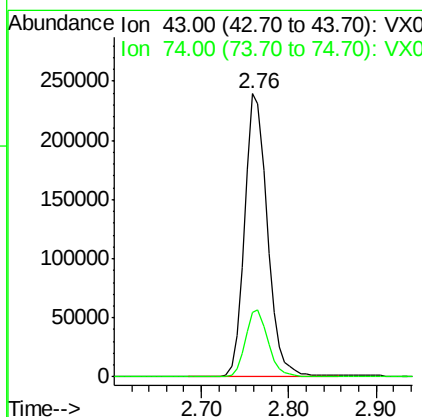
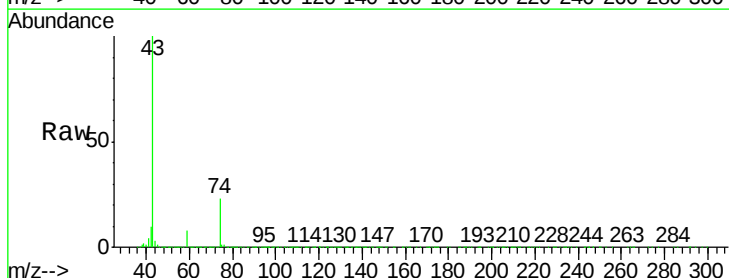
Manual Integrations
APPROVED

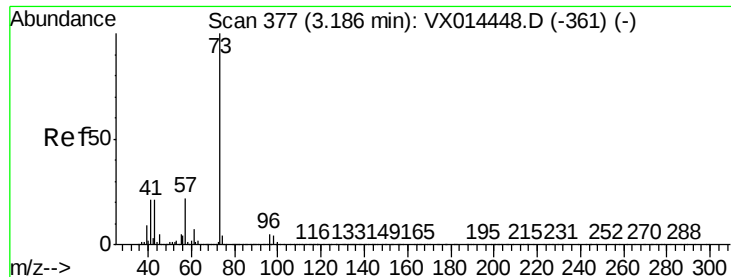
apatel
1/9/2020 2:33:48 PM



#18
Methyl Acetate
Concen: 54.225 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.2





#19

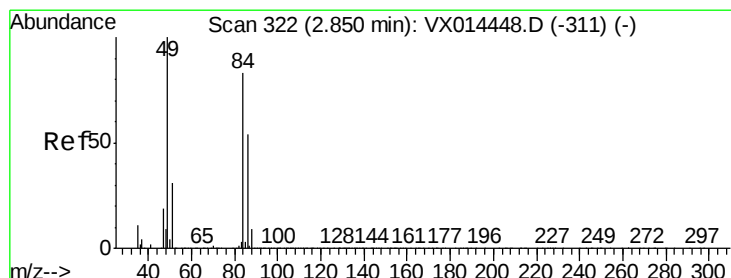
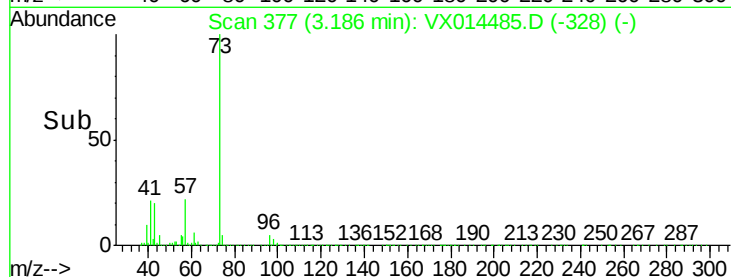
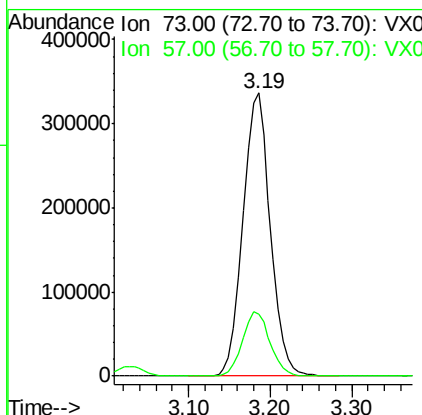
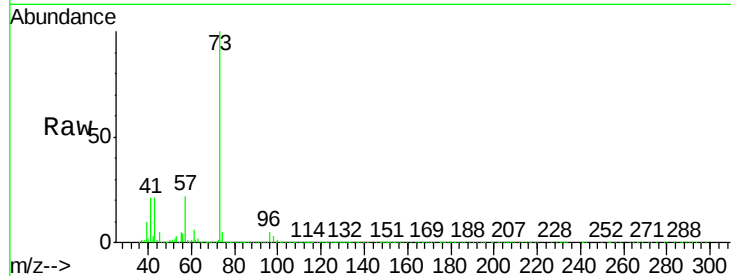
Methyl tert-butyl Ether
Concen: 49.693 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.8

Manual Integrations
APPROVED

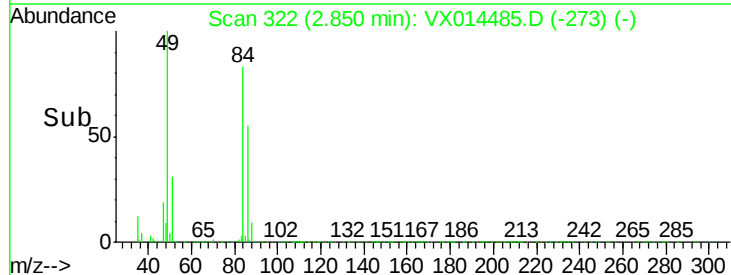
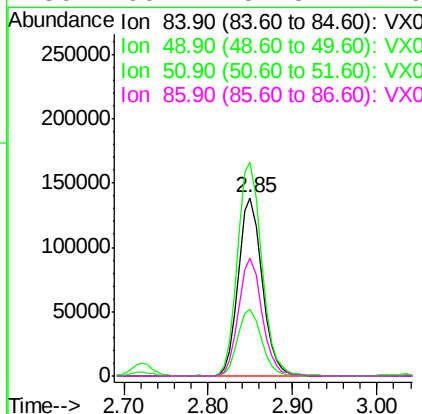
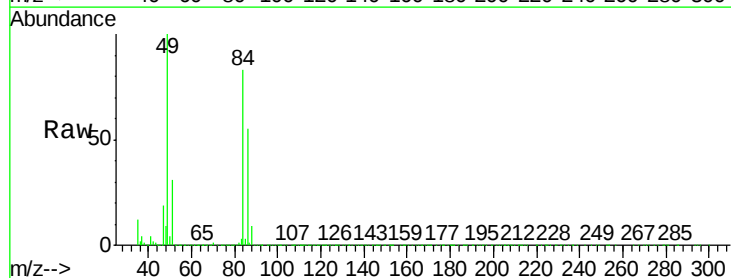
apatel
1/9/2020 2:33:48 PM

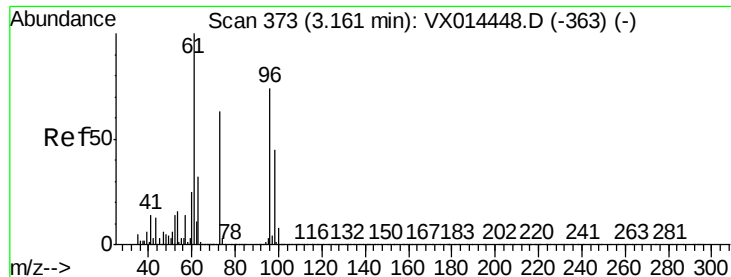


#20

Methylene Chloride
Concen: 47.068 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	95.8	143.8
51	37.4	30.2	45.4
86	66.2	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 46.109 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

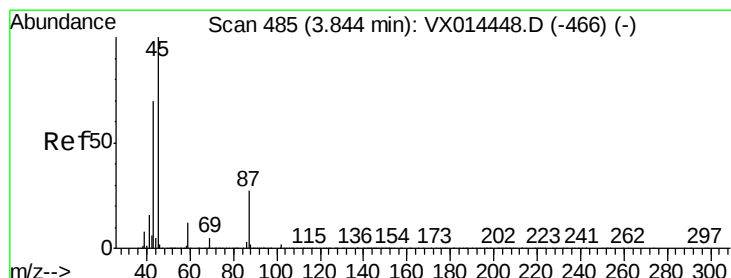
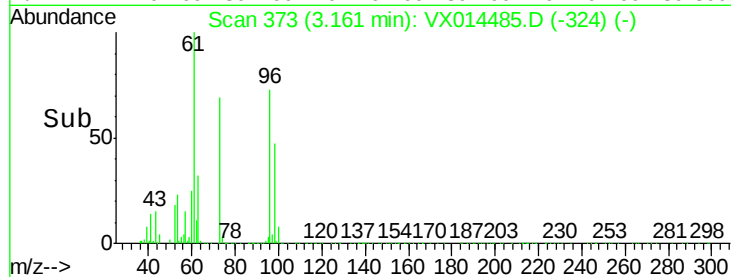
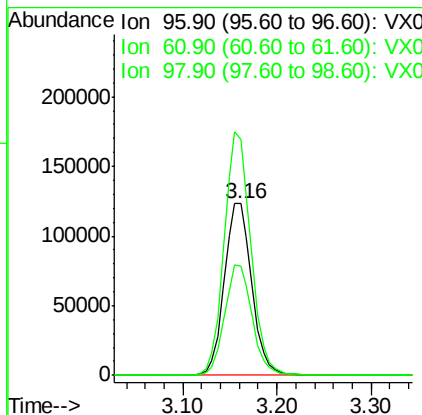
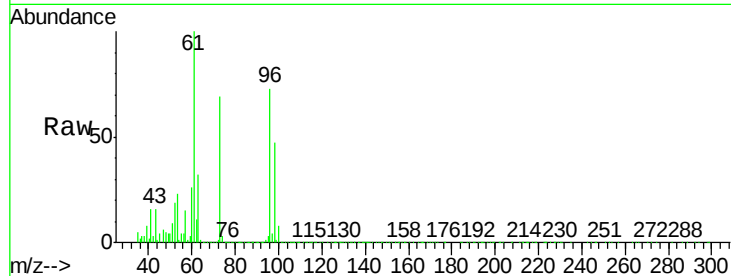
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	247222
Ion	Ratio	Lower	Upper
96	100		
61	137.1	108.2	162.4
98	63.9	48.8	73.2

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#22

Diisopropyl ether

Concen: 50.403 ug/l

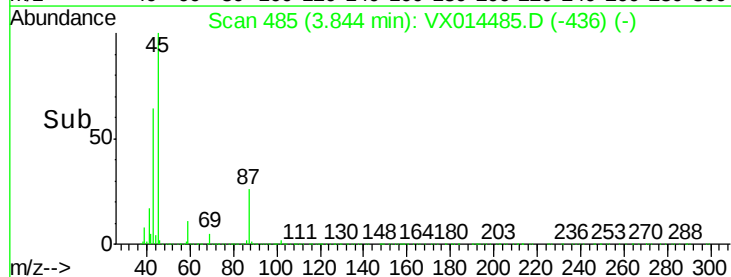
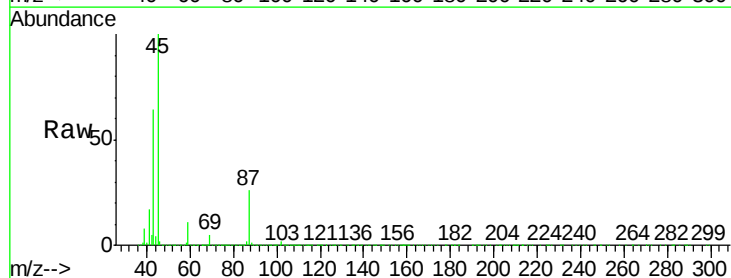
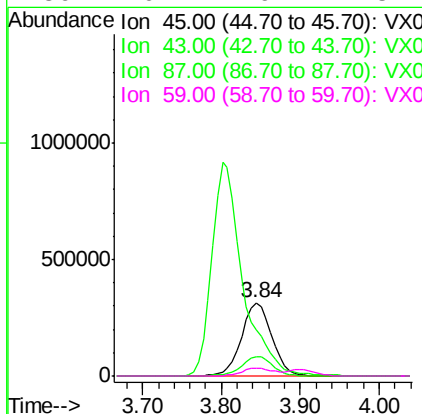
RT: 3.84 min Scan# 485

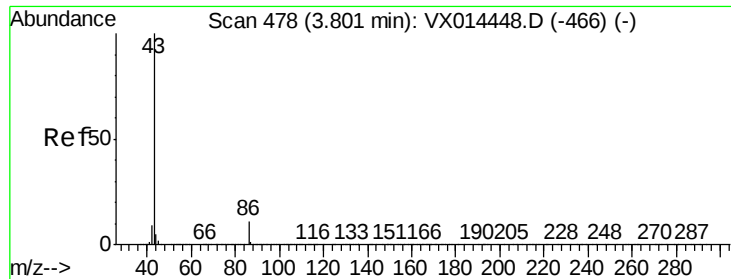
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	45	Resp:	839881
Ion	Ratio	Lower	Upper
45	100		
43	62.9	55.8	83.6
87	25.8	21.8	32.8
59	10.7	9.1	13.7





#23

Vinyl Acetate

Concen: 194.052 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2503493

Ion Ratio Lower Upper

43 100

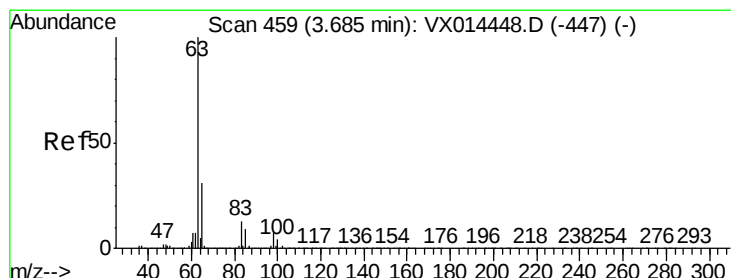
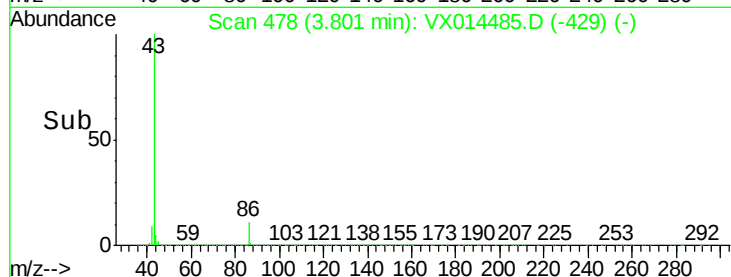
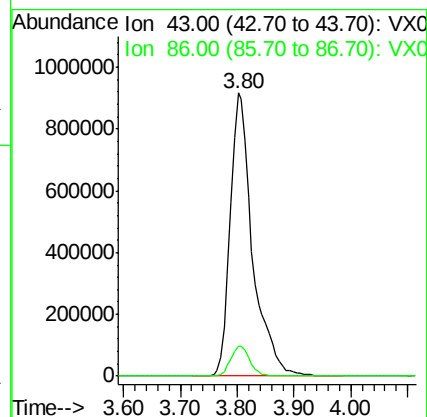
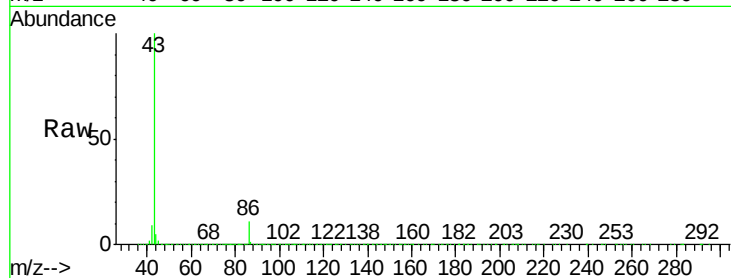
86 10.6 8.4 12.6

Manual Integrations

APPROVED

apatel

1/9/2020 2:33:48 PM



#24

1,1-Dichloroethane

Concen: 49.984 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

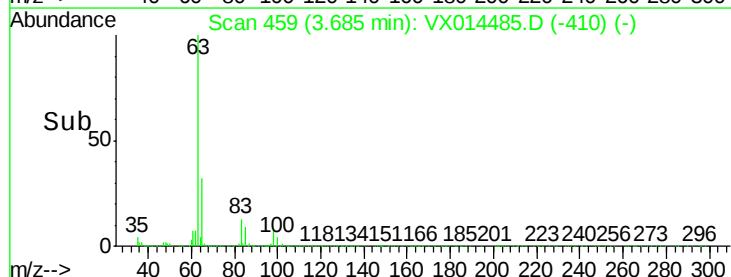
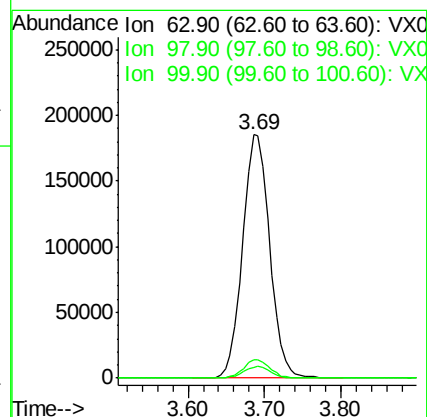
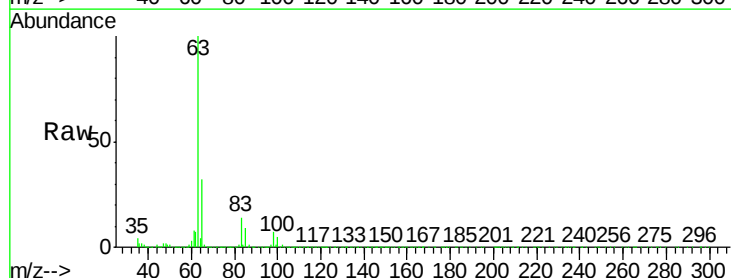
Tgt Ion: 63 Resp: 453099

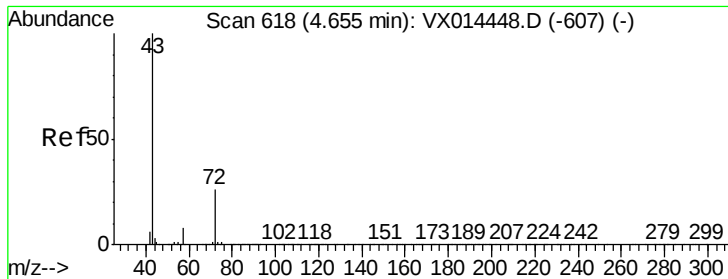
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 237.514 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 984879

Ion Ratio Lower Upper

43 100

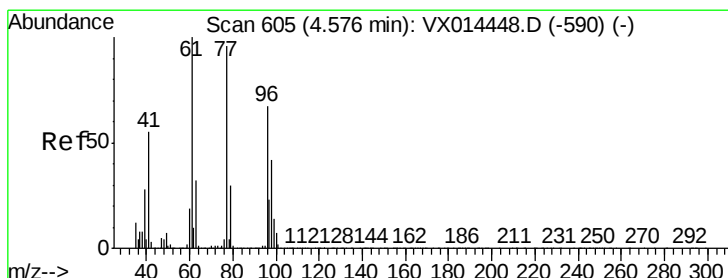
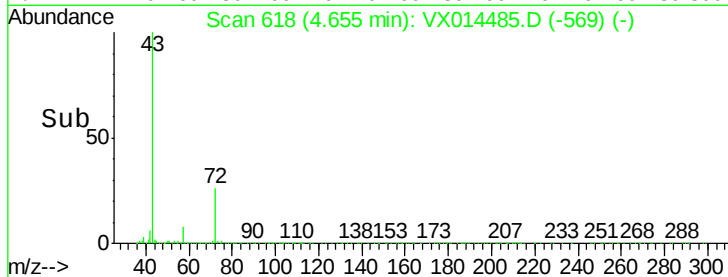
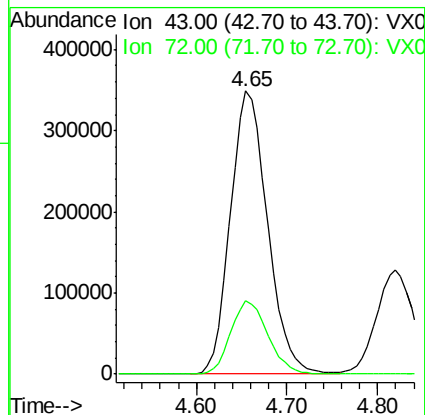
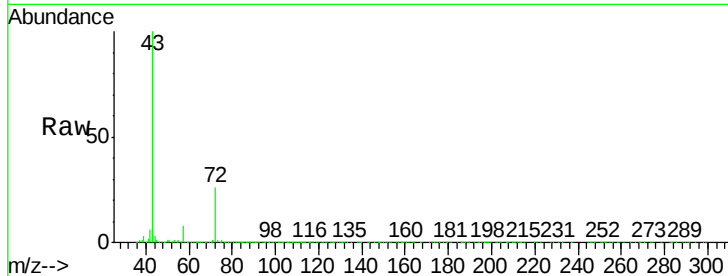
72 26.0 20.6 31.0

Manual Integrations

APPROVED

apatel

1/9/2020 2:33:48 PM



#26

2,2-Dichloropropane

Concen: 44.425 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014485.D

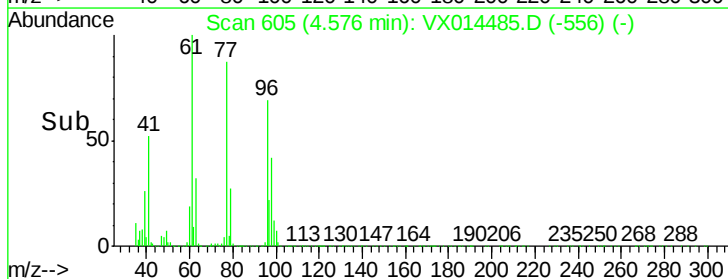
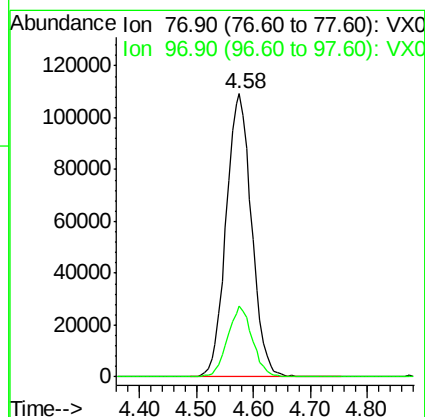
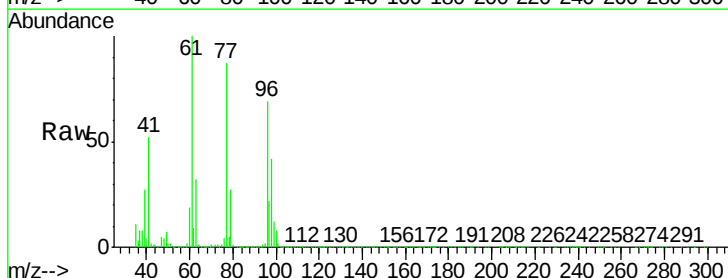
Acq: 08 Jan 2020 20:36

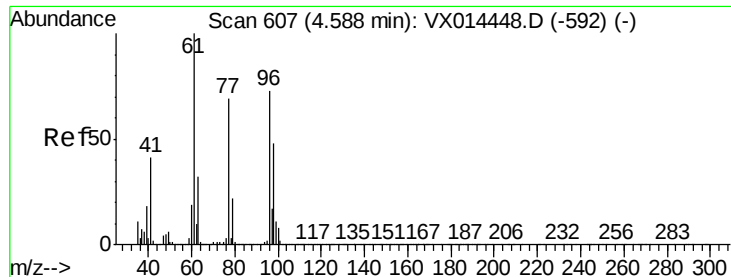
Tgt Ion: 77 Resp: 341137

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

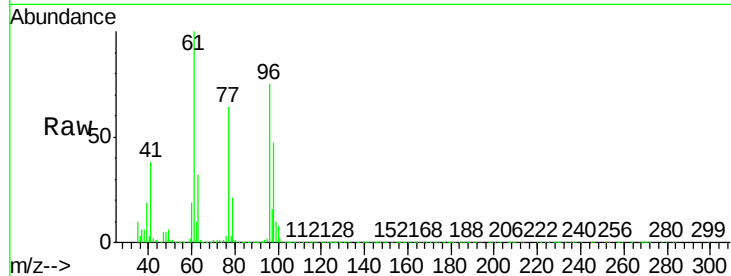
cis-1,2-Dichloroethene
Concen: 48.335 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

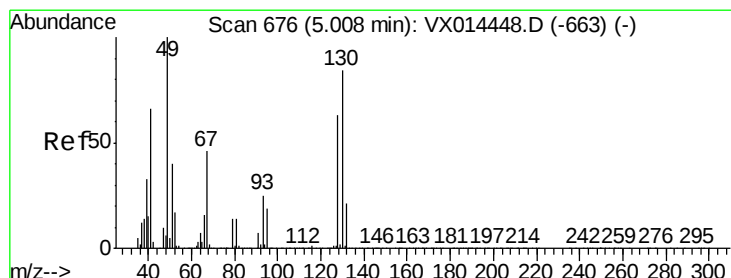
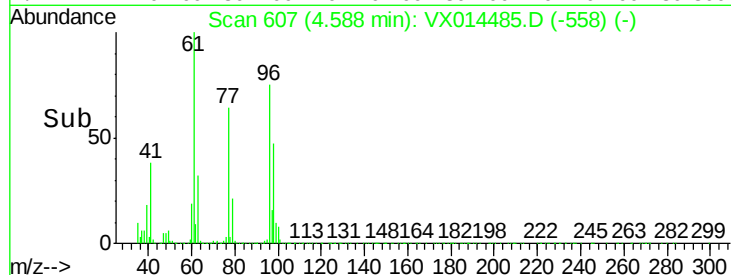
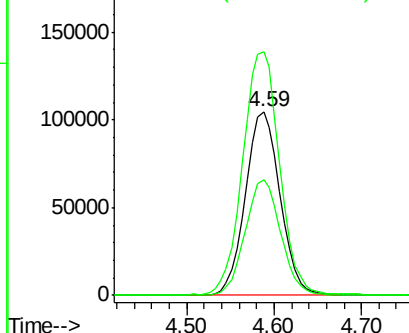
Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	140.7	0.0	285.4
98	64.0	0.0	130.6

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



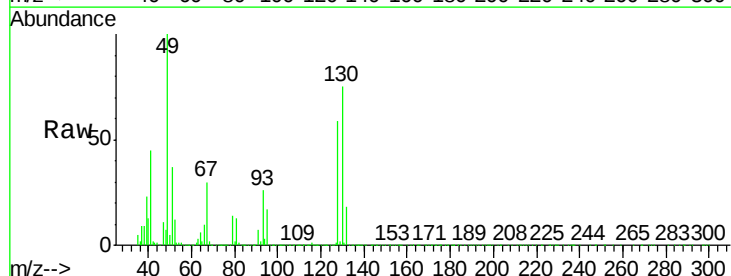
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



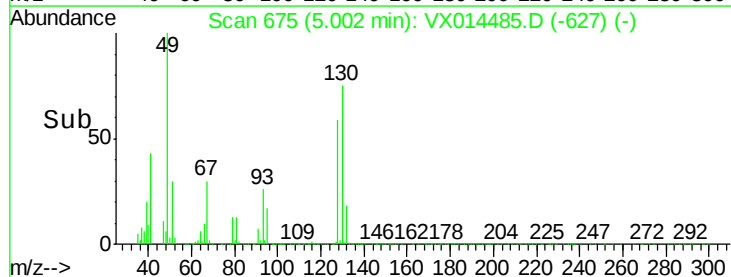
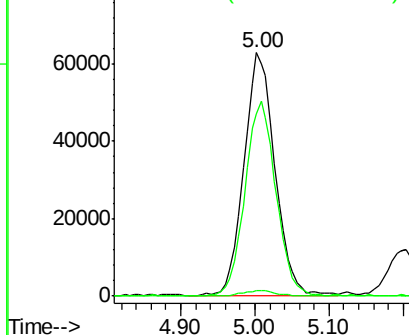
#28

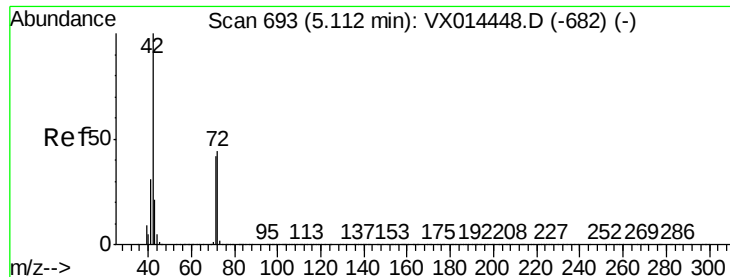
Bromochloromethane
Concen: 47.746 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.6	0.0	4.4
130	80.3	67.0	100.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





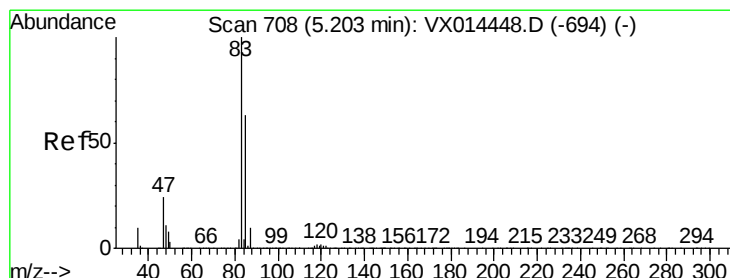
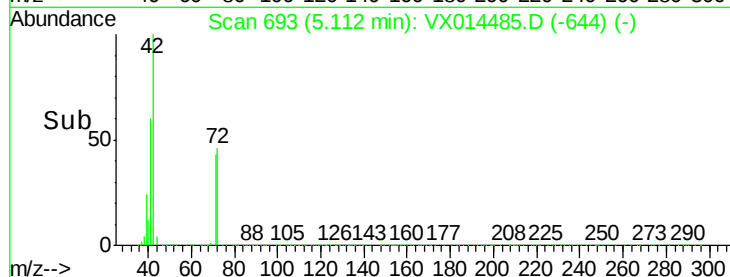
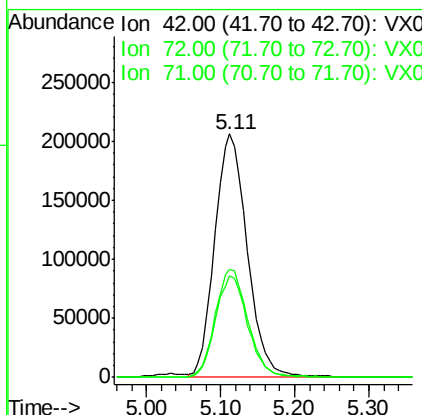
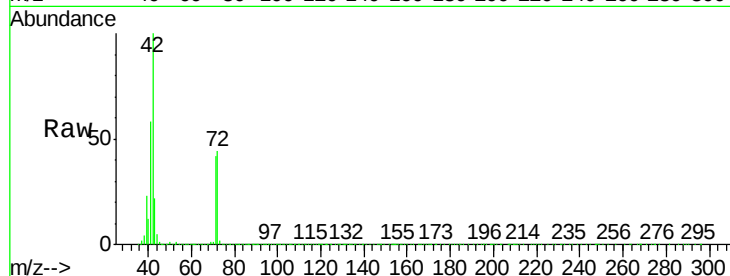
#29
Tetrahydrofuran
Concen: 253.039 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.2	54.4
71	41.9	34.1	51.1

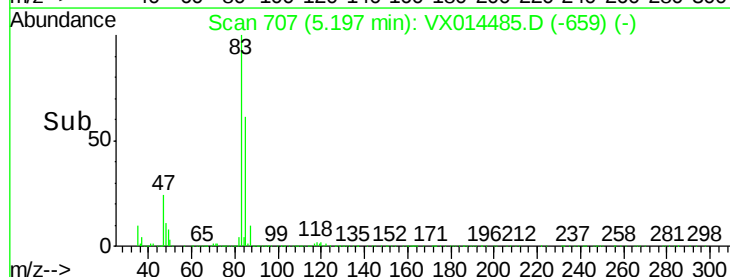
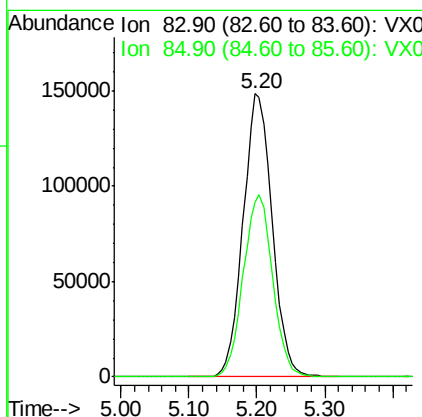
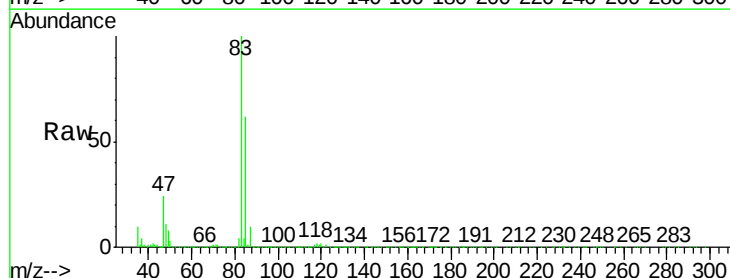
Manual Integrations
APPROVED

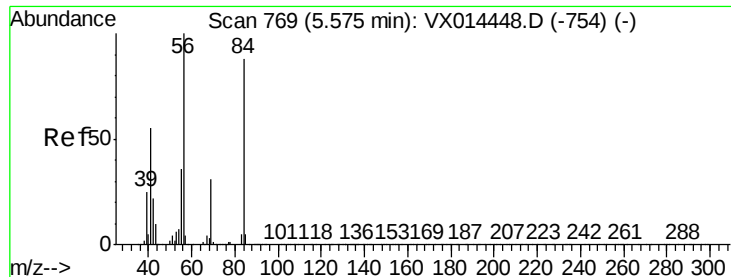
apatel
1/9/2020 2:33:48 PM



#30
Chloroform
Concen: 49.809 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.6	75.8





#31

Cyclohexane

Concen: 50.239 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

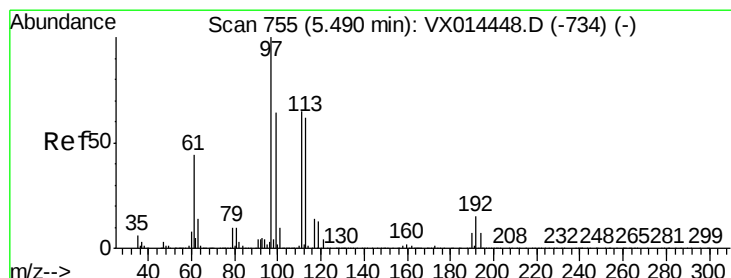
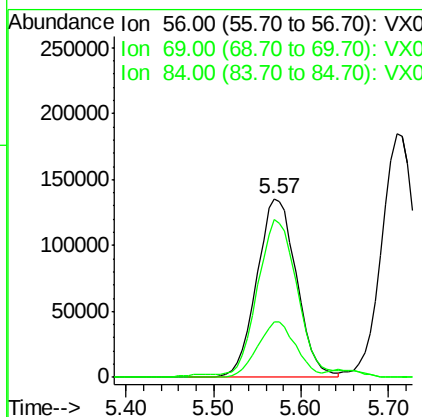
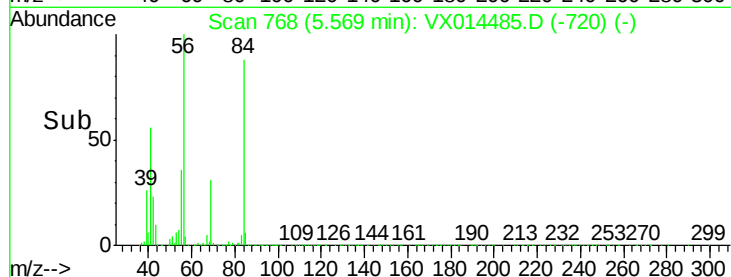
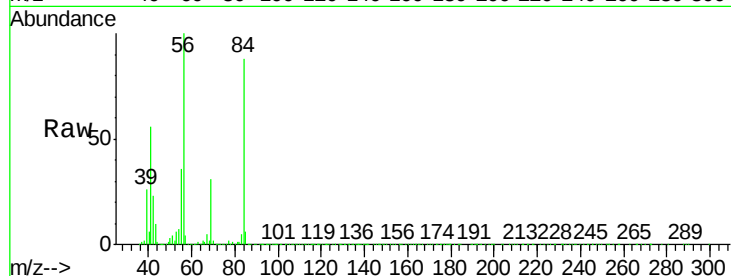
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.4	36.6
84	87.1	70.6	106.0

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#32

1,1,1-Trichloroethane

Concen: 49.435 ug/l

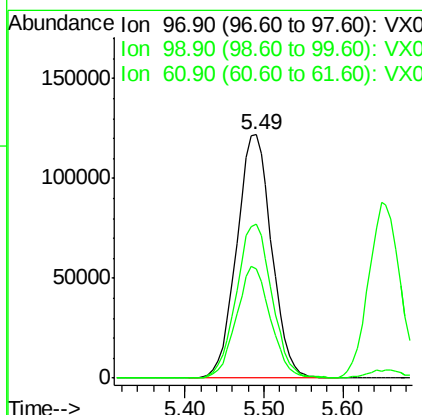
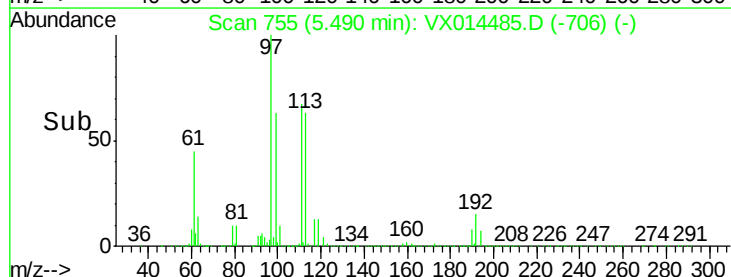
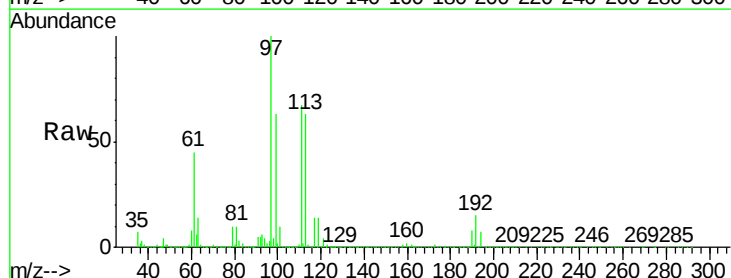
RT: 5.49 min Scan# 755

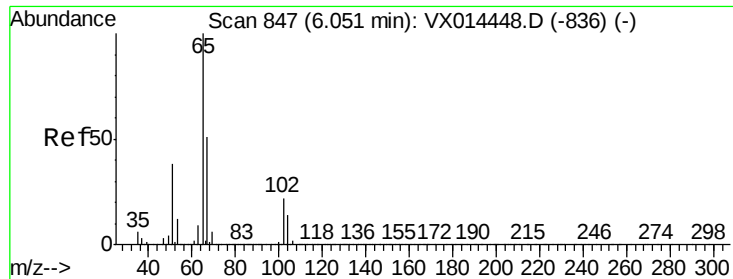
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	44.7	35.9	53.9





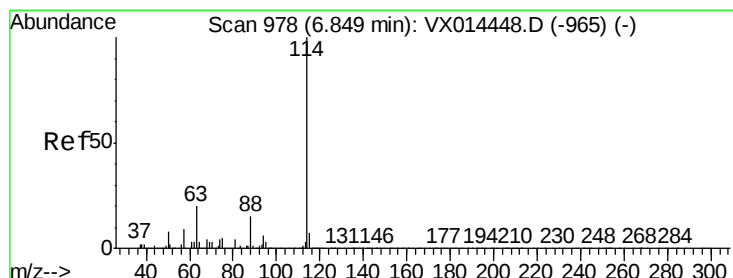
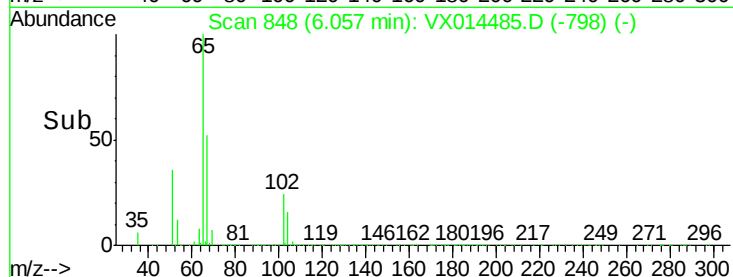
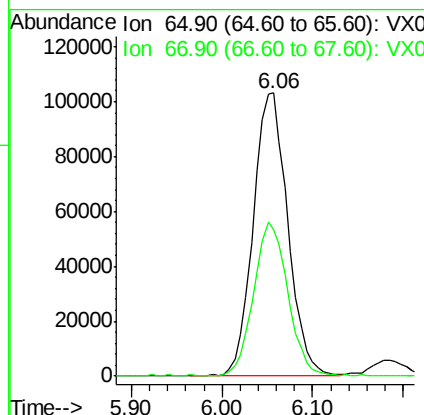
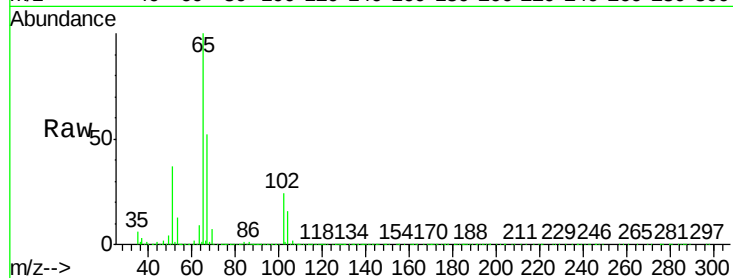
#33
 1,2-Dichloroethane-d4
 Concen: 48.898 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	271442		
67	53.5	0.0	106.2	

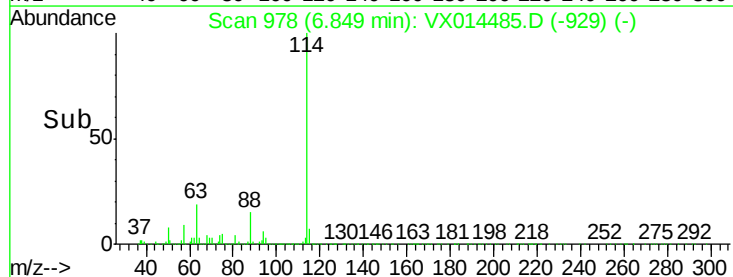
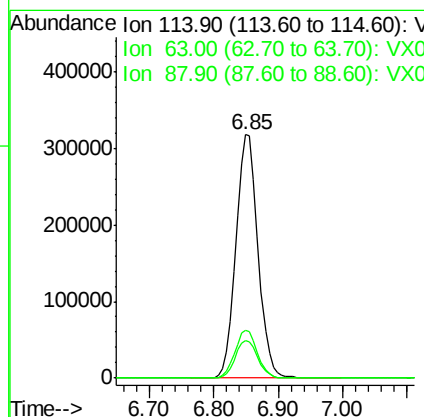
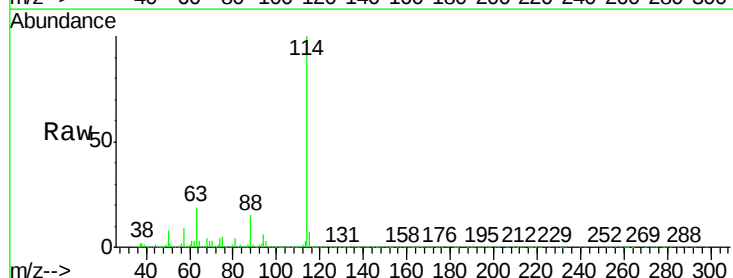
Manual Integrations
 APPROVED

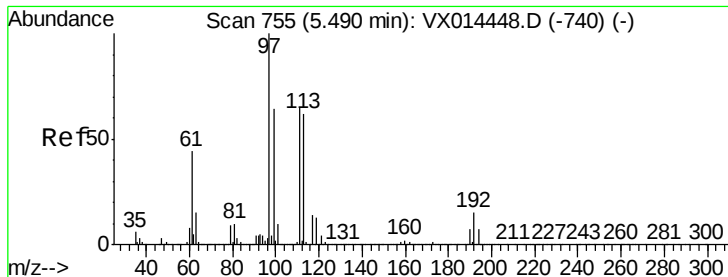
apatel
 1/9/2020 2:33:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	760056		
63	19.3	0.0	39.6	
88	15.2	0.0	30.8	





#35

Dibromofluoromethane

Concen: 48.612 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

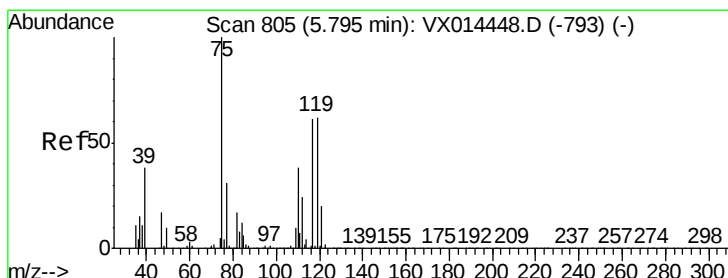
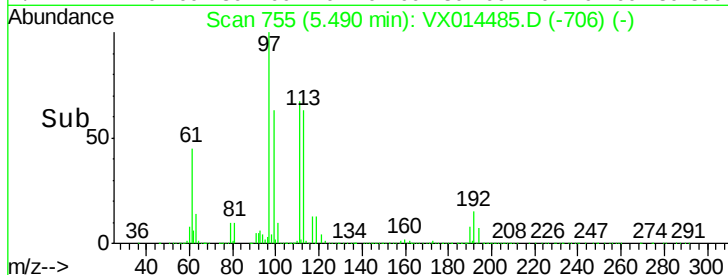
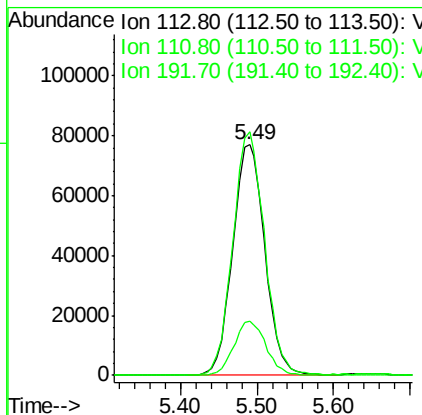
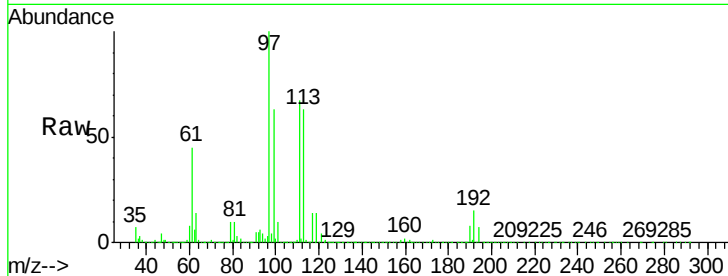
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	223662
Ion Ratio	Lower	Upper	
113	100		
111	104.1	81.5	122.3
192	23.6	19.2	28.8

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#36

1,1-Dichloropropene

Concen: 47.324 ug/l

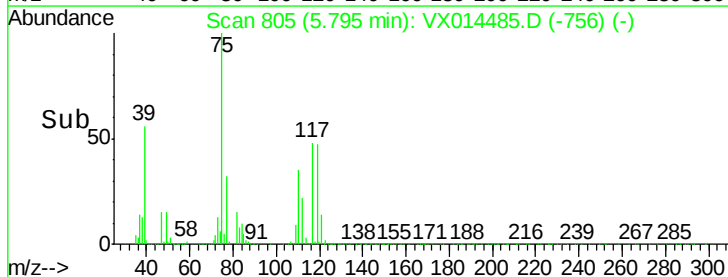
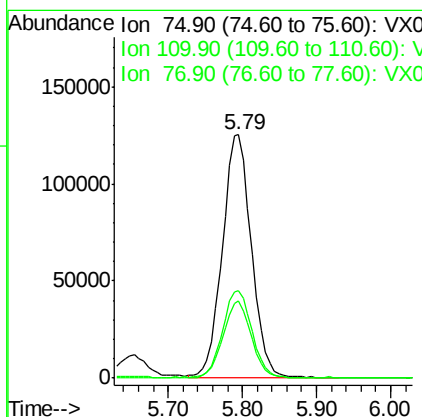
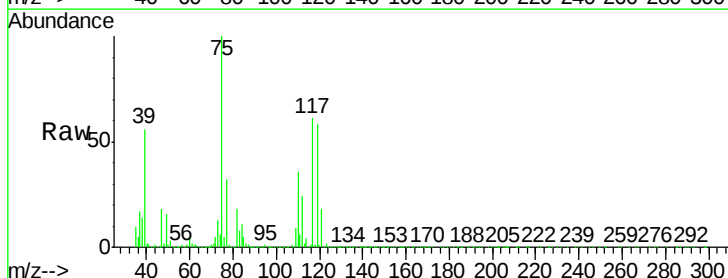
RT: 5.79 min Scan# 805

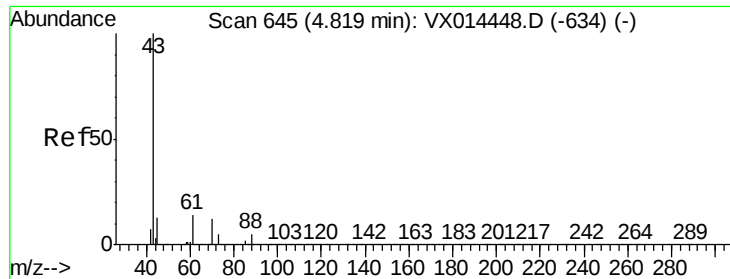
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	75	Resp:	338251
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.6	55.8
77	30.8	24.5	36.7





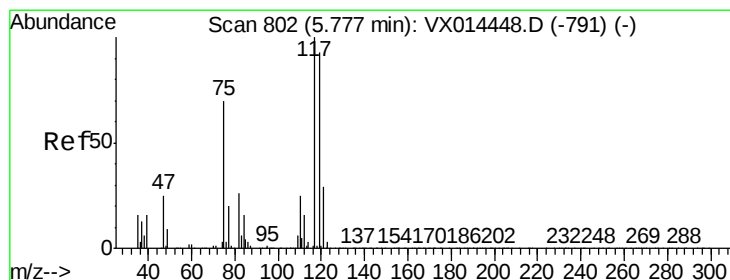
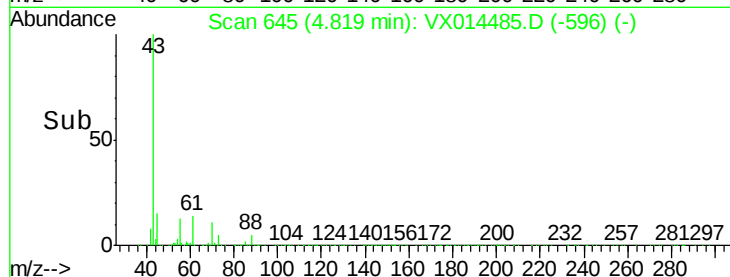
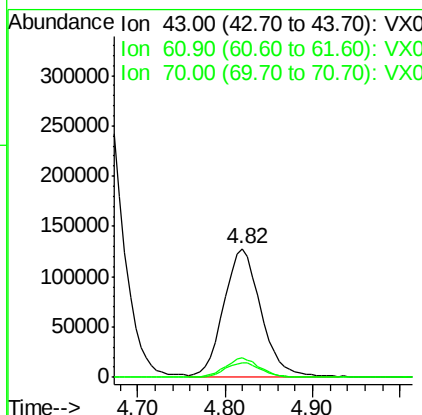
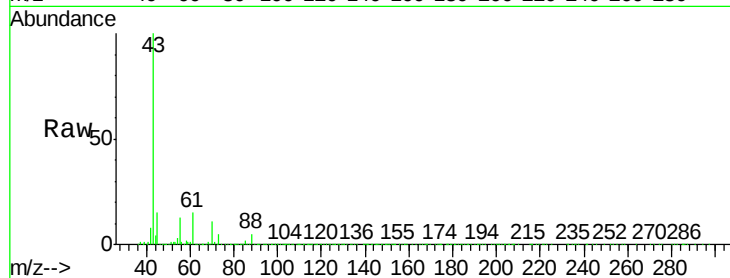
#37
Ethyl Acetate
Concen: 47.845 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	11.1	8.9	13.3

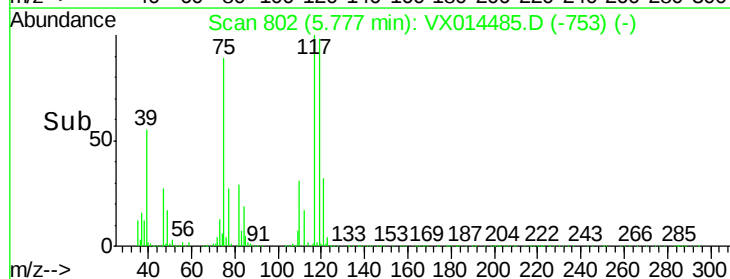
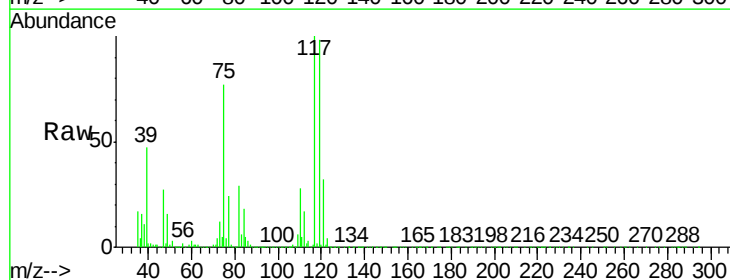
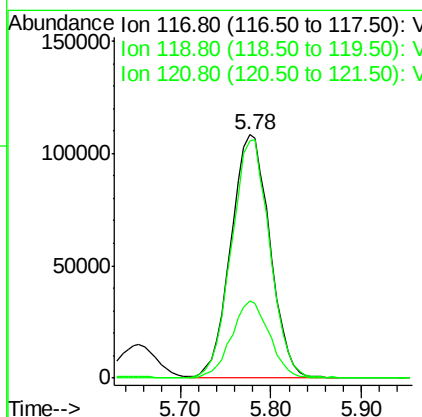
Manual Integrations
APPROVED

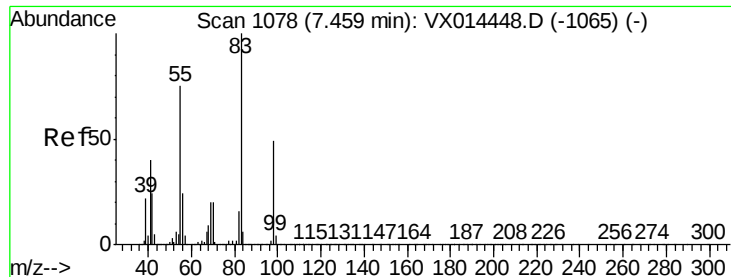
apatel
1/9/2020 2:33:48 PM



#38
Carbon Tetrachloride
Concen: 48.840 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	73.8	110.8
121	31.5	23.4	35.0





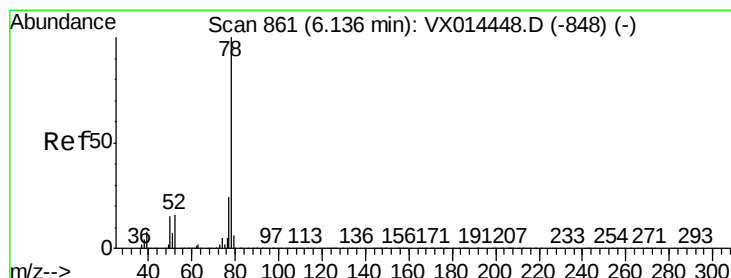
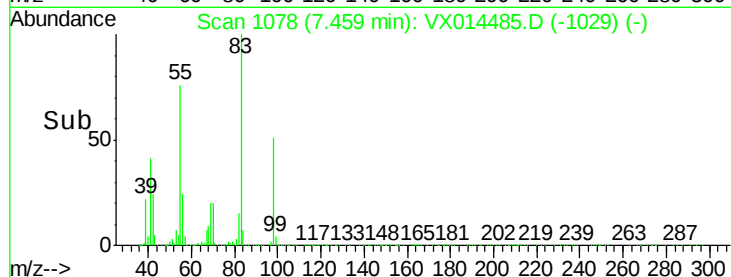
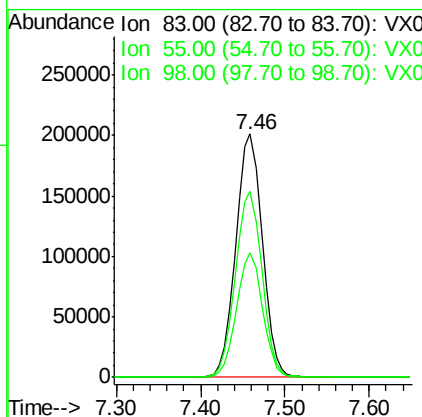
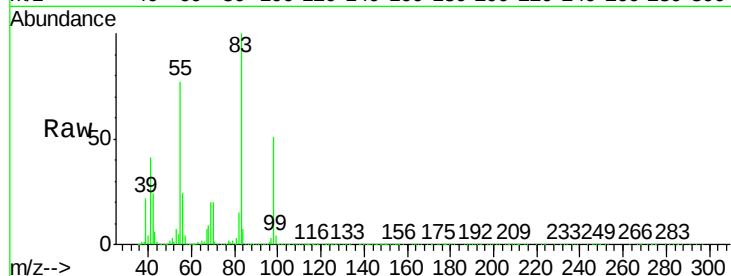
#39
Methylcyclohexane
Concen: 47.556 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.5	59.7	89.5
98	50.9	39.1	58.7

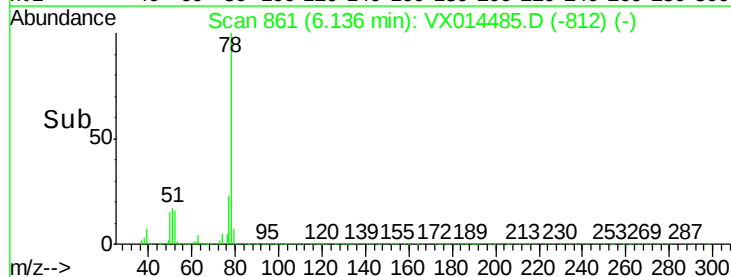
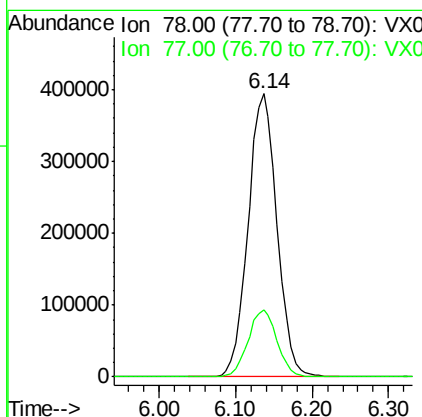
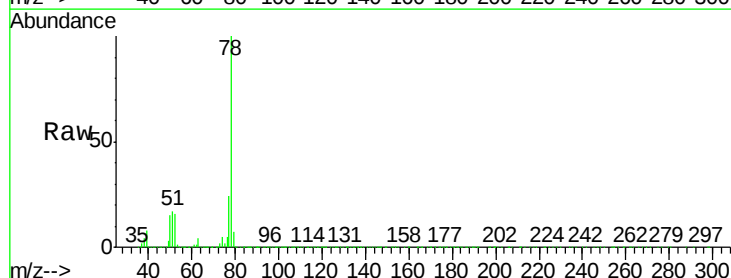
Manual Integrations
APPROVED

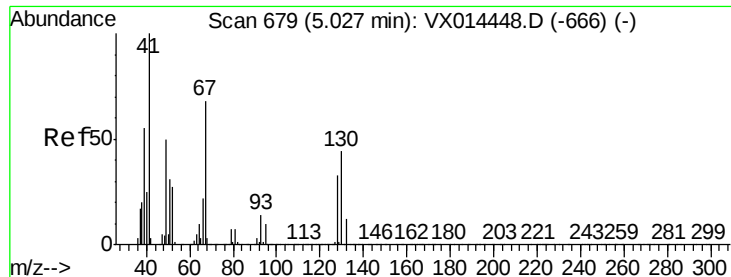
apatel
1/9/2020 2:33:48 PM



#40
Benzene
Concen: 48.861 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3





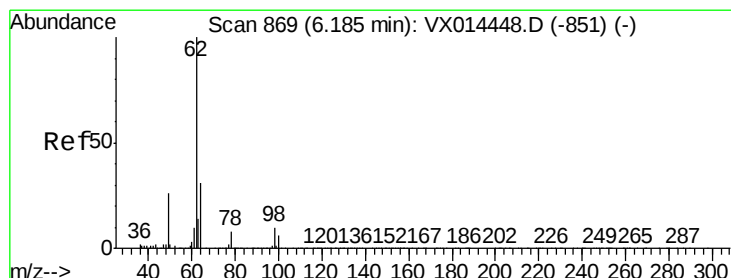
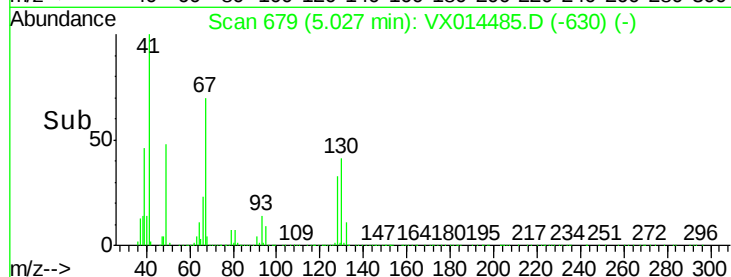
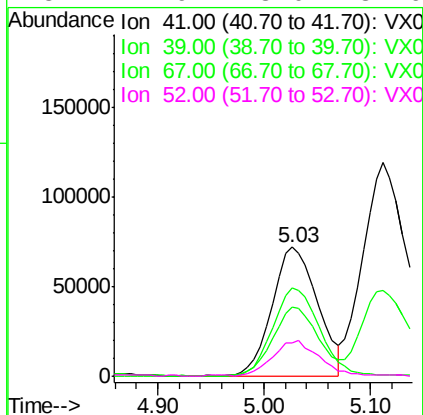
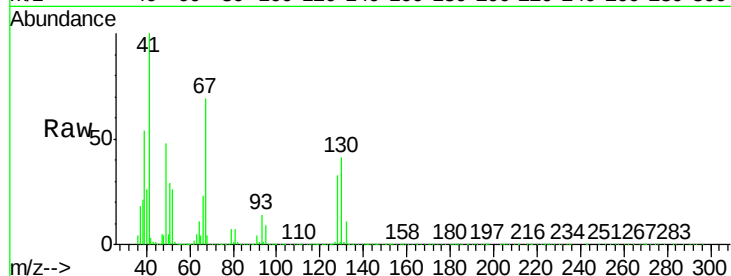
#41
Methacrylonitrile
Concen: 51.210 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.6	65.4
67	70.4	57.9	86.9
52	27.9	23.0	34.6

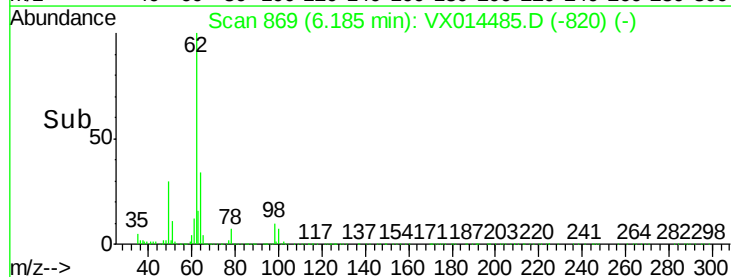
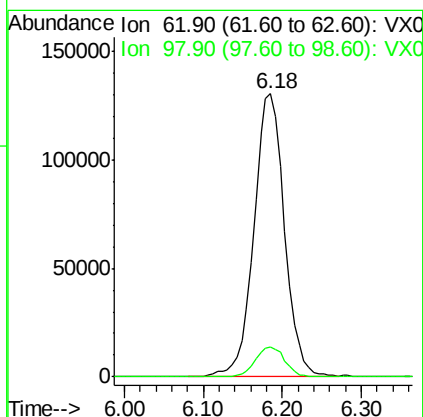
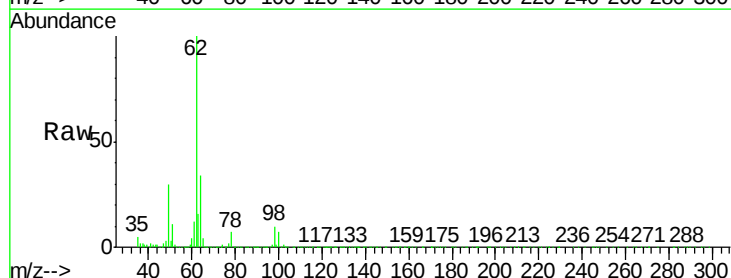
Manual Integrations
APPROVED

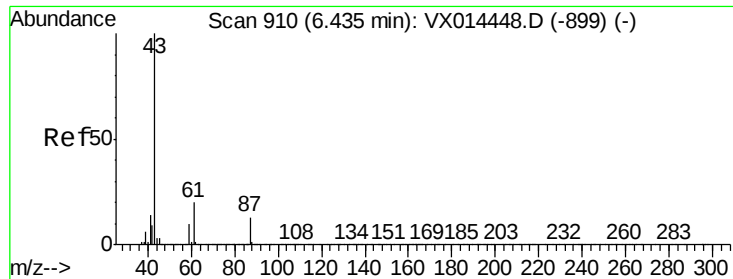
apatel
1/9/2020 2:33:48 PM



#42
1,2-Dichloroethane
Concen: 47.135 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 49.366 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

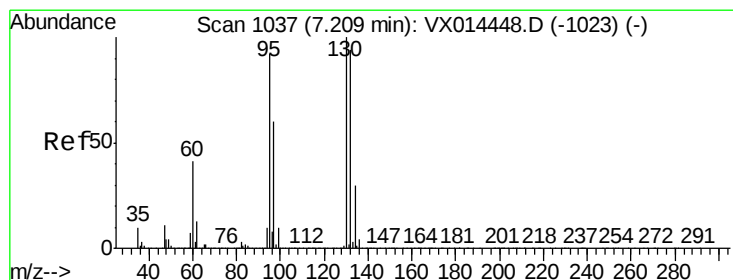
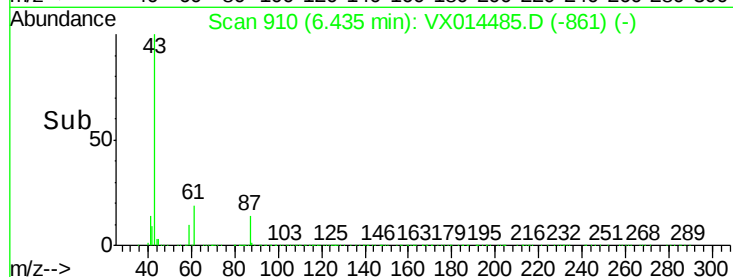
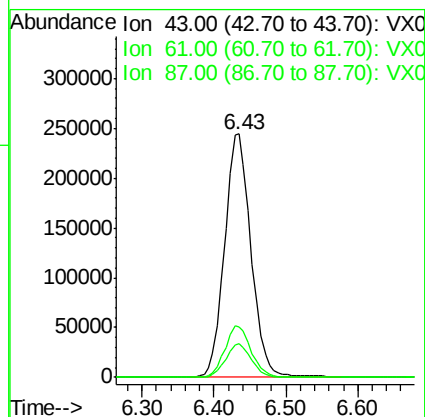
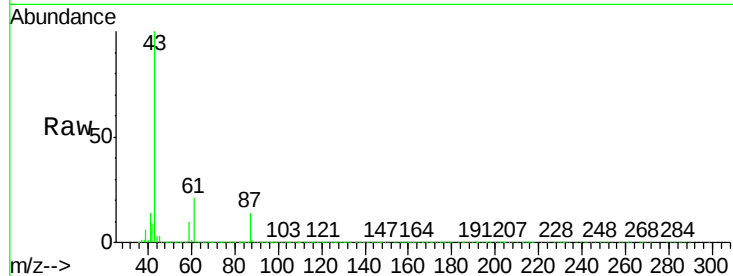
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	619141
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.6	24.8
87	13.4	10.8	16.2

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#44

Trichloroethene

Concen: 49.890 ug/l

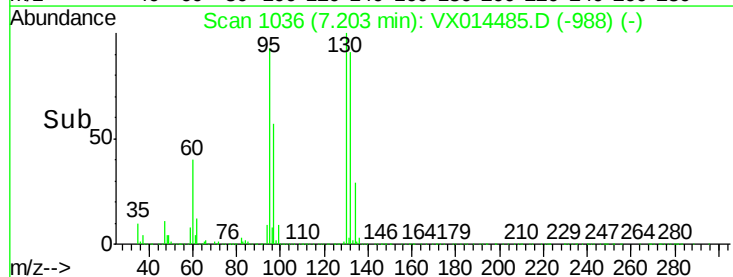
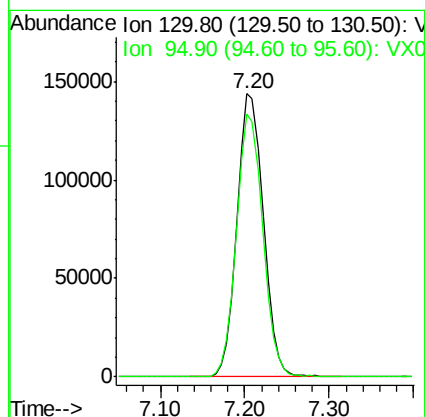
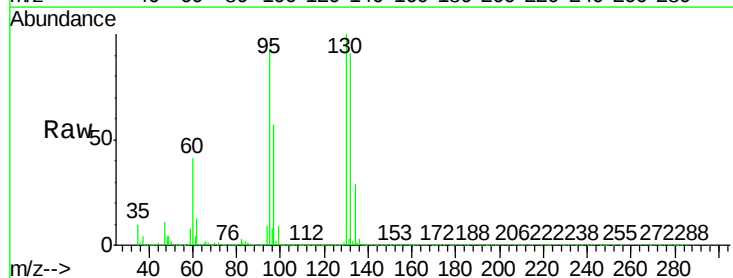
RT: 7.20 min Scan# 1036

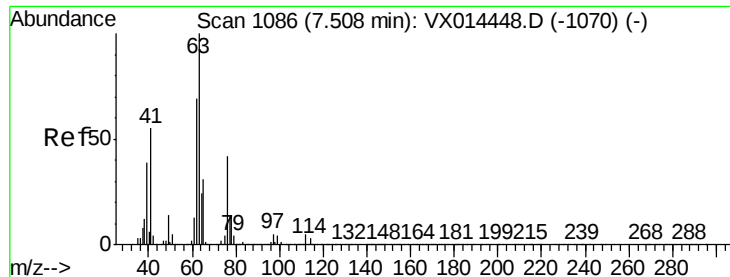
Delta R.T. -0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	130	Resp:	304154
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	184.2





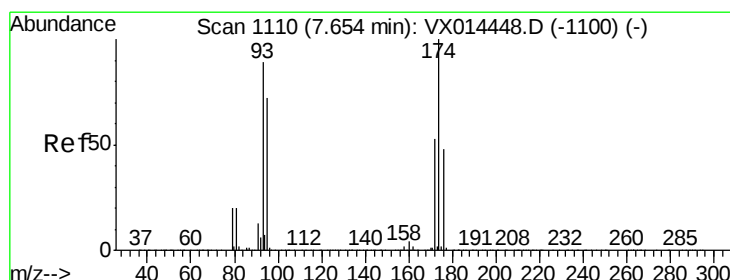
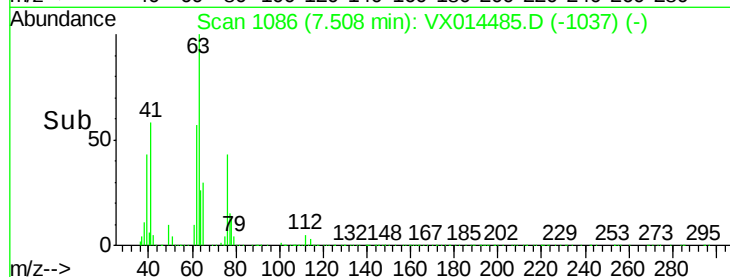
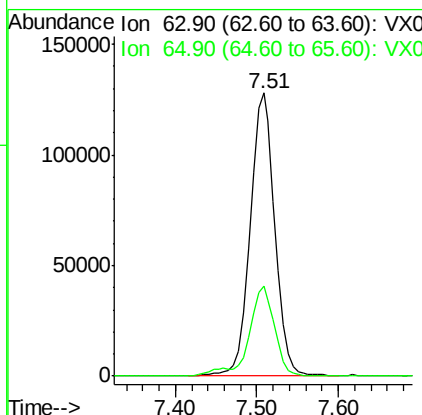
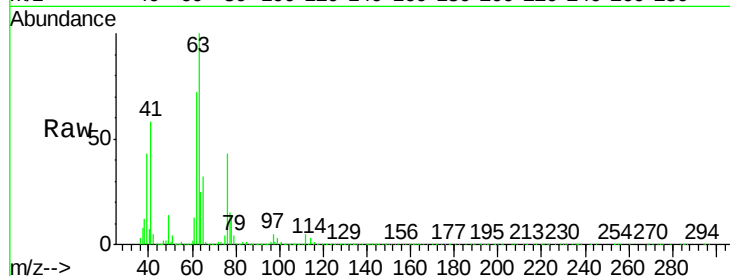
#45
 1,2-Dichloropropane
 Concen: 49.624 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.8	37.2

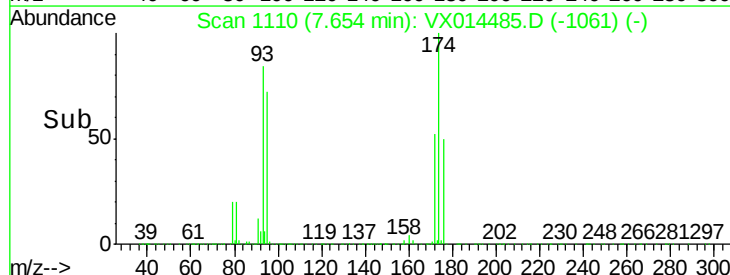
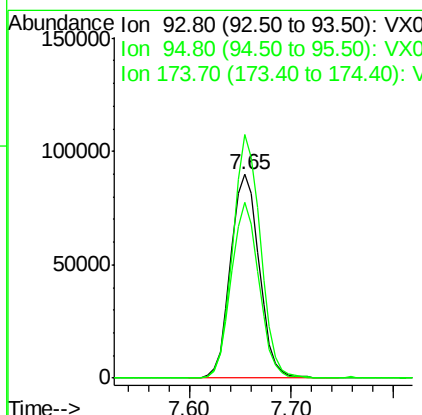
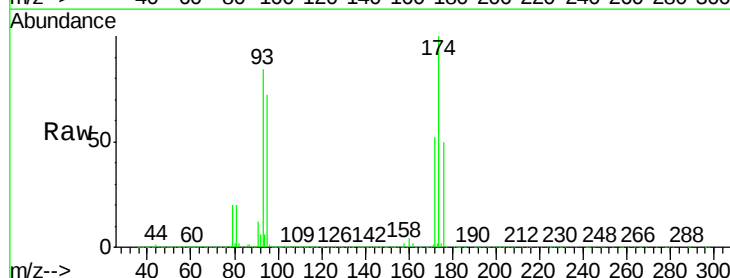
Manual Integrations
 APPROVED

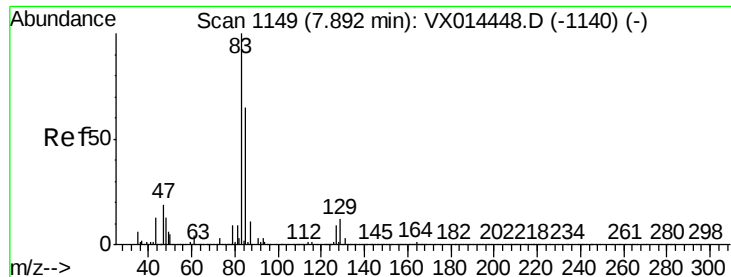
apatel
 1/9/2020 2:33:48 PM



#46
 Dibromomethane
 Concen: 45.820 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.4	98.2
174	116.1	93.0	139.4





#47

Bromodichloromethane

Concen: 49.807 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

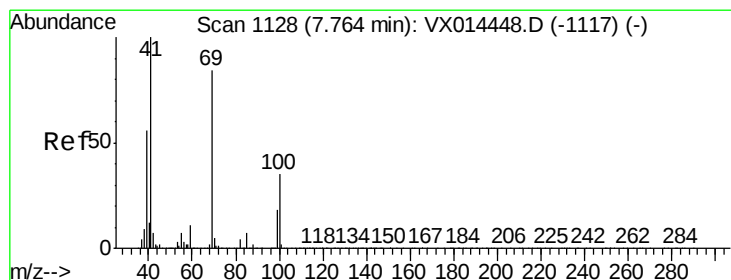
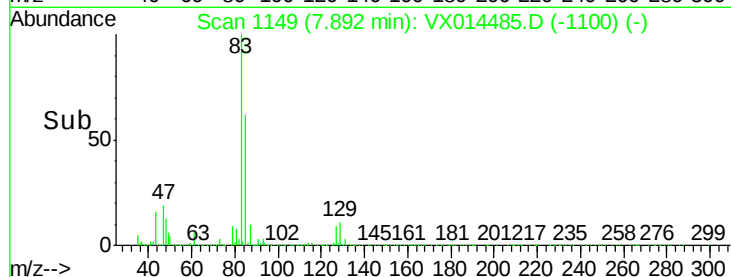
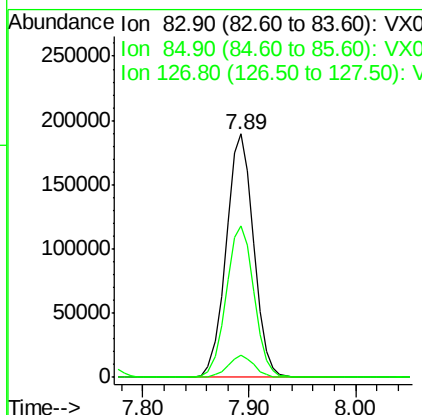
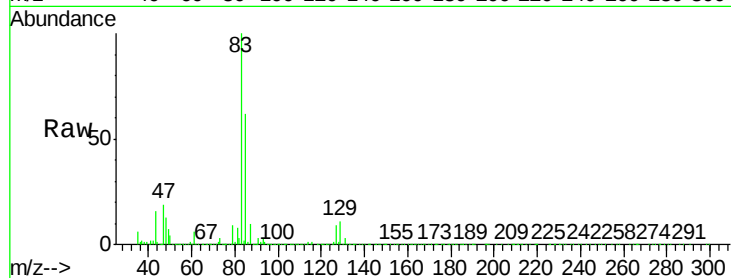
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.7	77.5
127	9.0	7.1	10.7

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#48

Methyl methacrylate

Concen: 50.773 ug/l

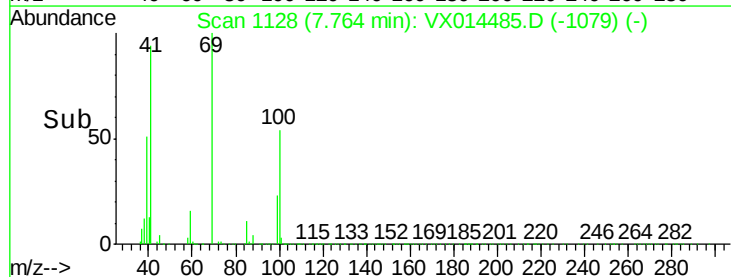
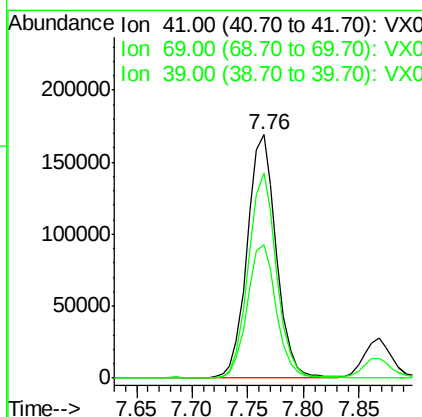
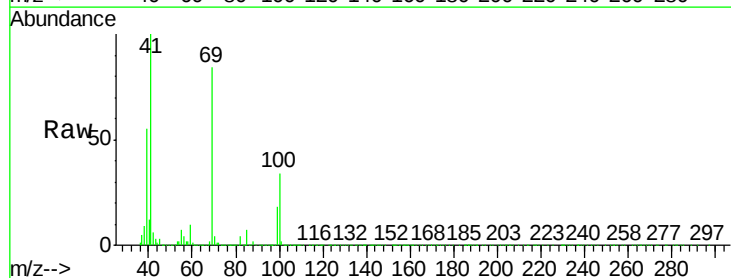
RT: 7.76 min Scan# 1128

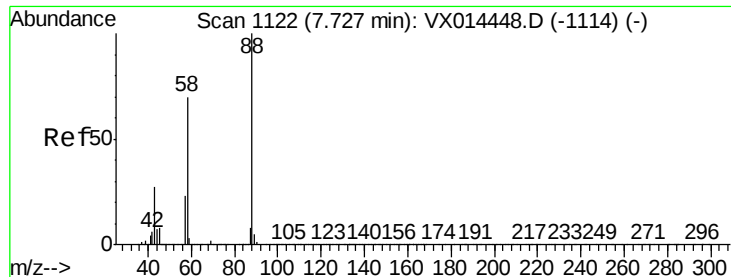
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.3	65.5	98.3
39	55.6	43.9	65.9





#49

1,4-Dioxane

Concen: 931.357 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

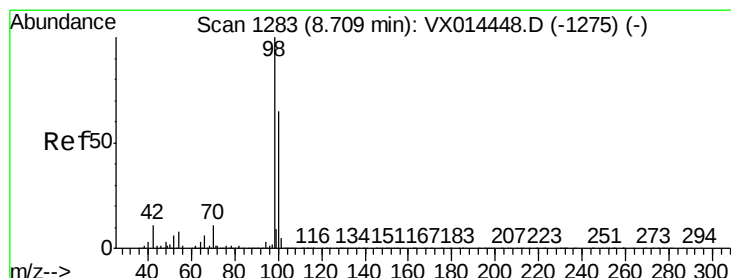
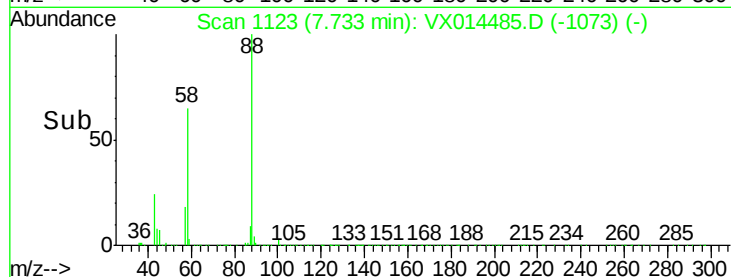
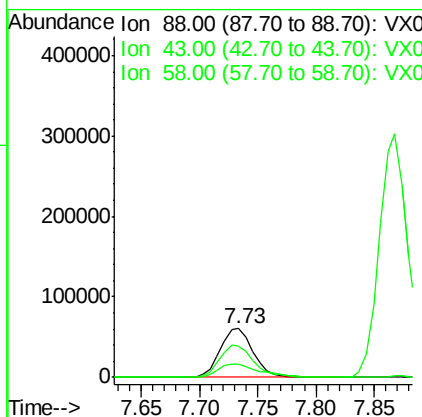
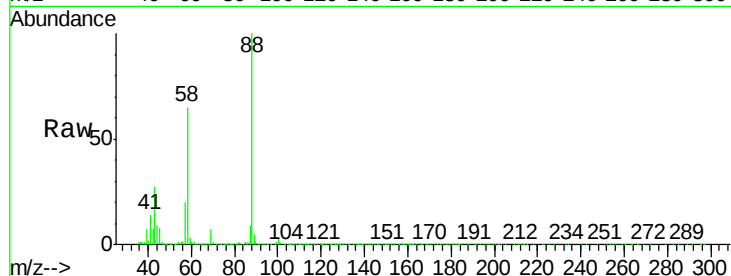
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	118543
Ion Ratio	Lower	Upper	
88	100		
43	33.3	27.4	41.0
58	68.4	57.1	85.7

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#50

Toluene-d8

Concen: 49.593 ug/l

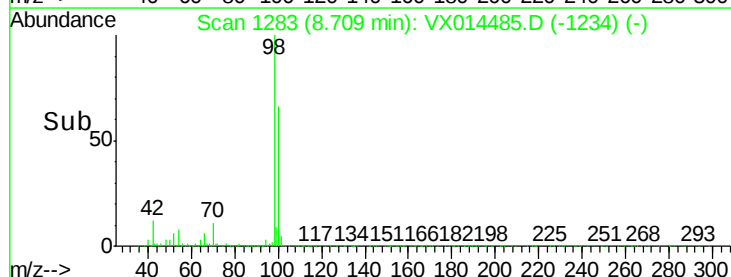
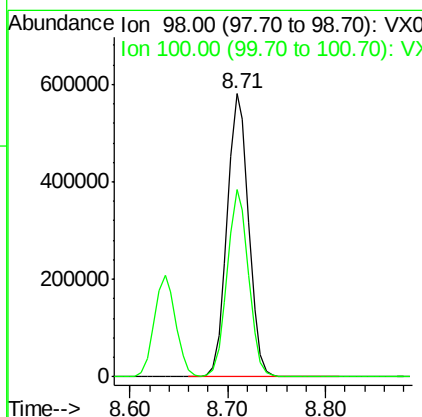
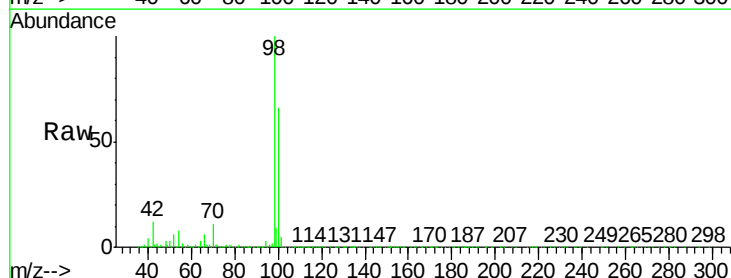
RT: 8.71 min Scan# 1283

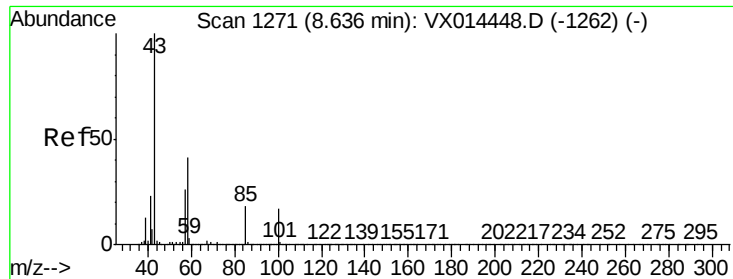
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	98	Resp:	885475
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.2	79.8





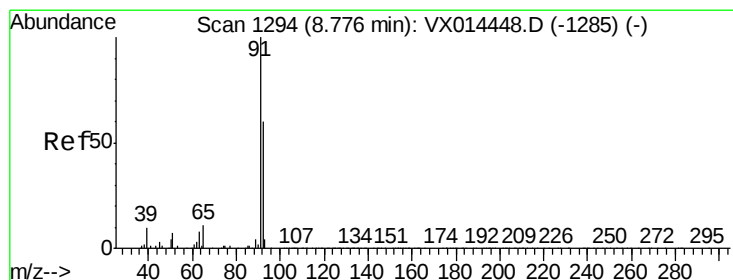
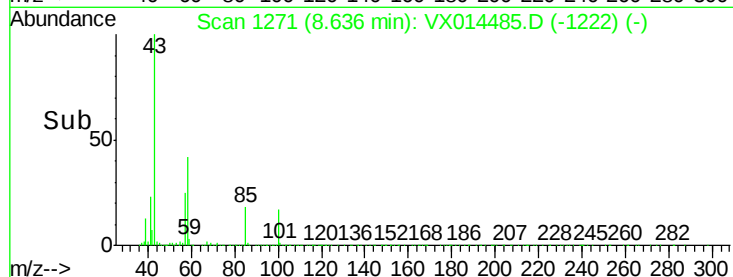
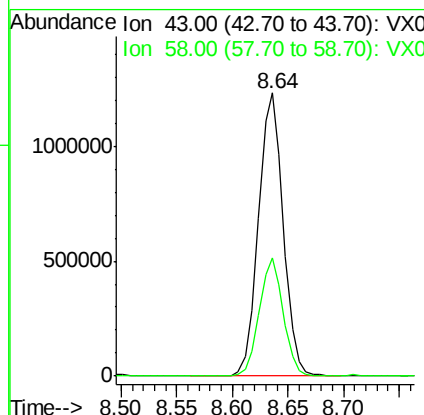
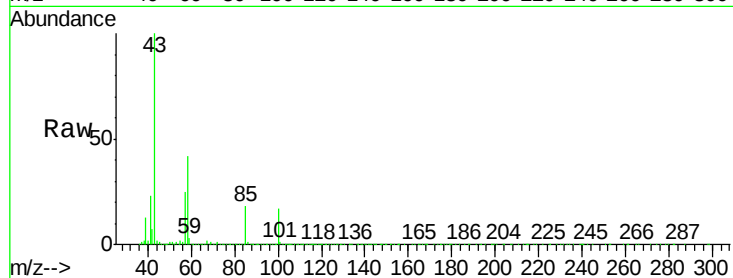
#51
4-Methyl-2-Pentanone
Concen: 248.781 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1901351
Ion Ratio Lower Upper
43 100
58 40.6 32.4 48.6

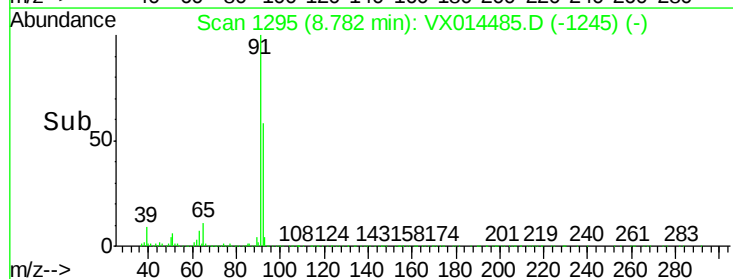
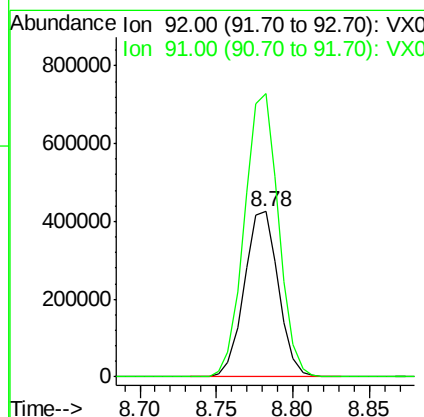
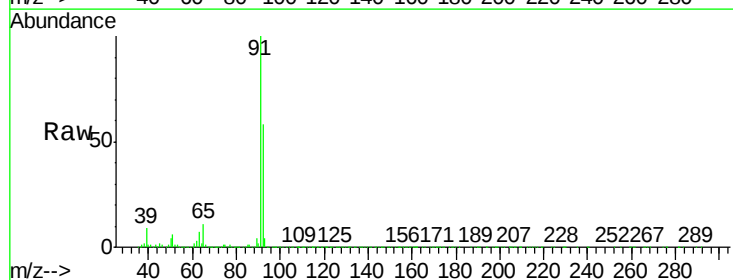
Manual Integrations
APPROVED

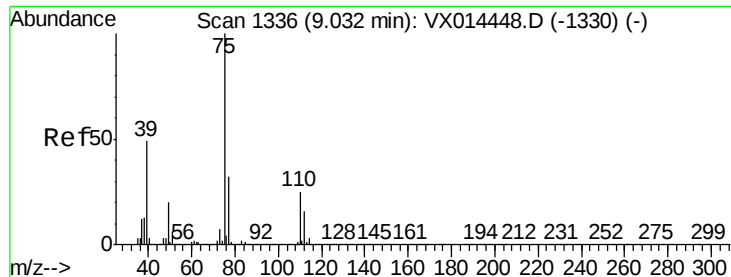
apatel
1/9/2020 2:33:48 PM



#52
Toluene
Concen: 48.481 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 92 Resp: 658375
Ion Ratio Lower Upper
92 100
91 171.0 135.7 203.5





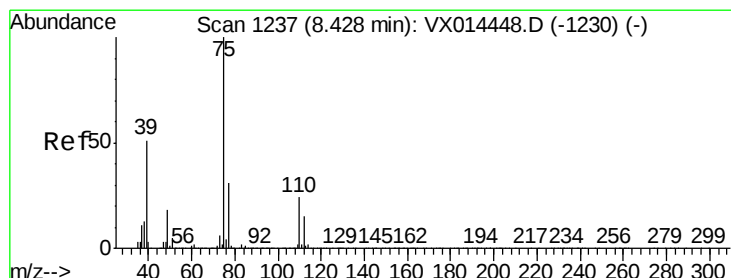
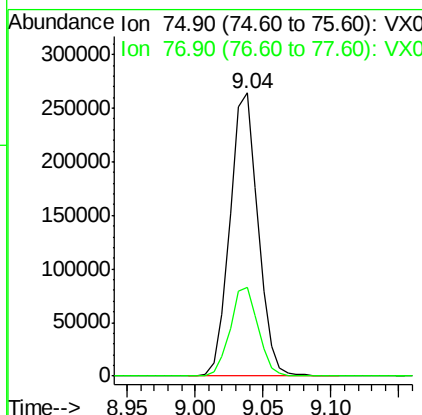
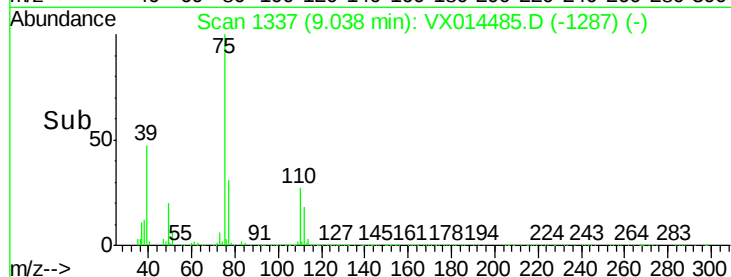
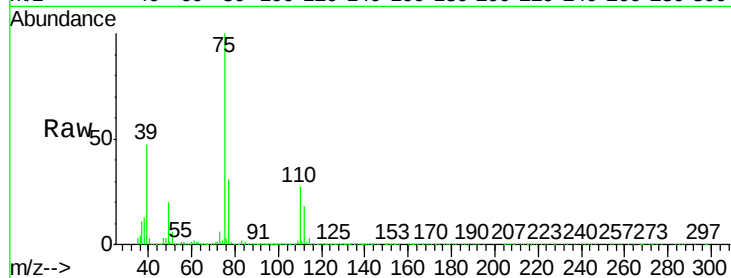
#53
t-1,3-Dichloropropene
Concen: 47.468 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 379599
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

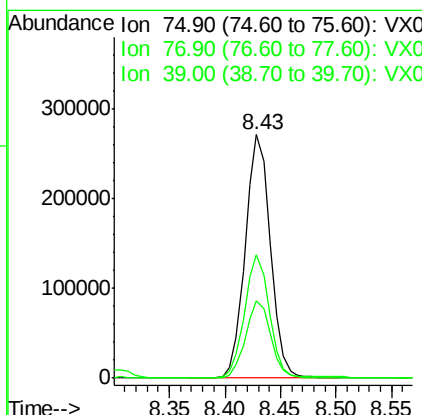
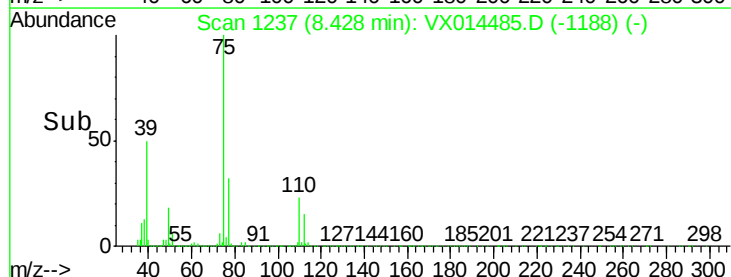
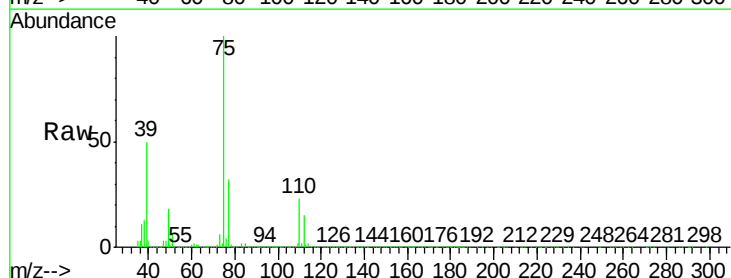
Manual Integrations
APPROVED

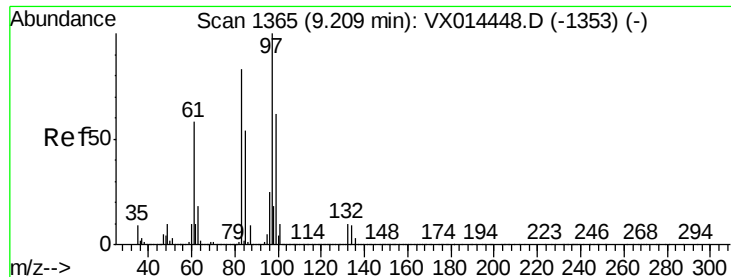
apatel
1/9/2020 2:33:48 PM



#54
cis-1,3-Dichloropropene
Concen: 49.294 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 75 Resp: 425832
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
39 50.3 40.7 61.1





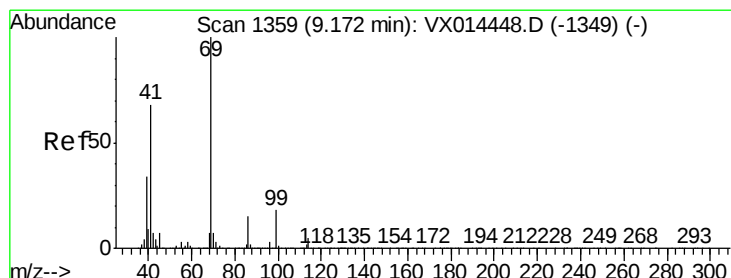
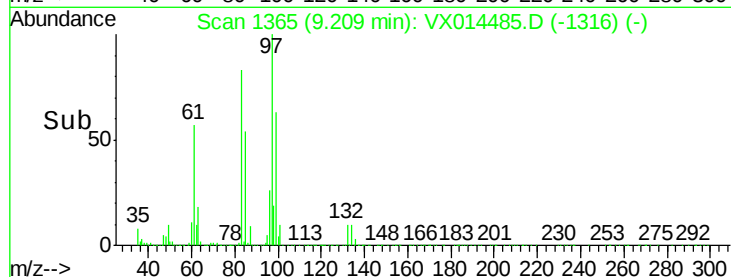
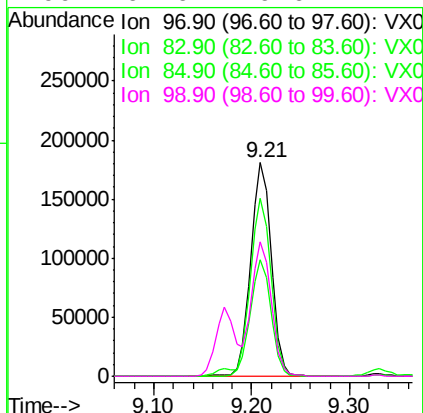
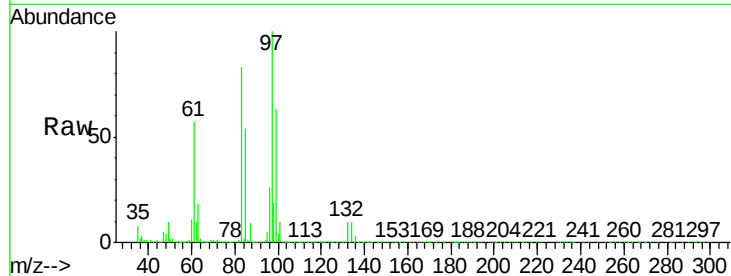
#55
 1,1,2-Trichloroethane
 Concen: 48.653 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	265380		
83	83.2	66.4	99.6	
85	54.2	43.4	65.2	
99	62.6	49.6	74.4	

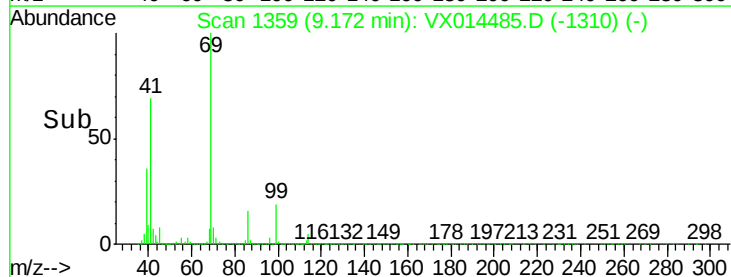
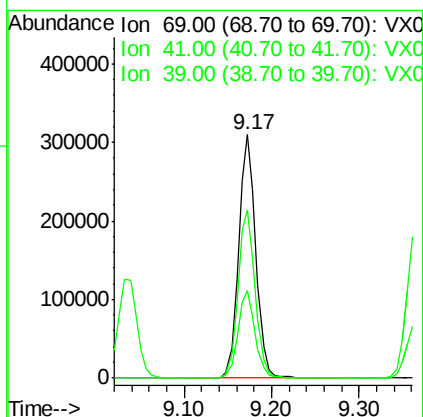
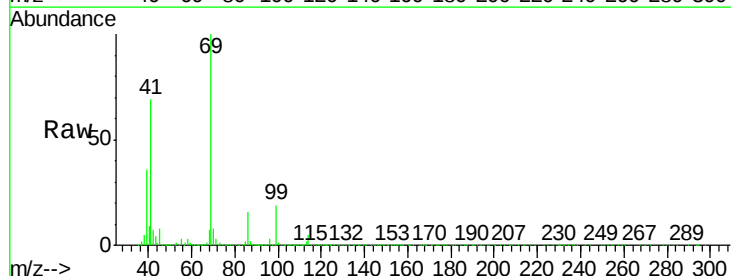
Manual Integrations
 APPROVED

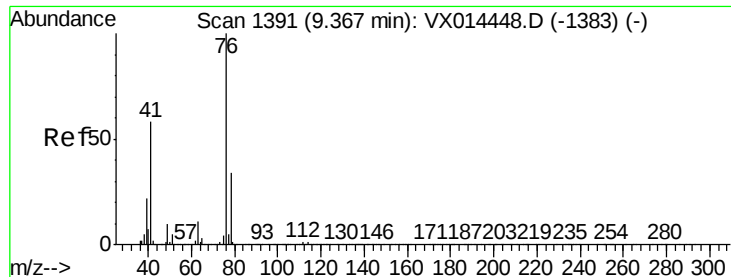
apatel
 1/9/2020 2:33:48 PM



#56
 Ethyl methacrylate
 Concen: 50.486 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	421897		
41	69.0	54.2	81.2	
39	36.0	28.2	42.2	





#57

1,3-Dichloropropane

Concen: 48.655 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 443735

Ion Ratio Lower Upper

76 100

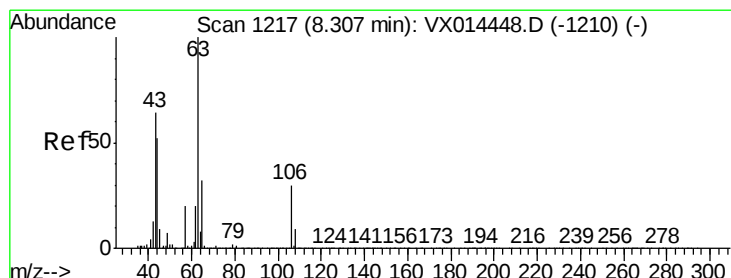
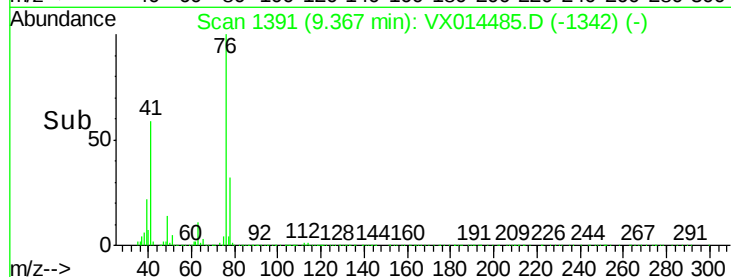
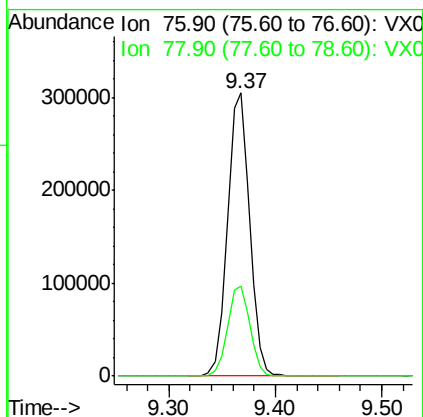
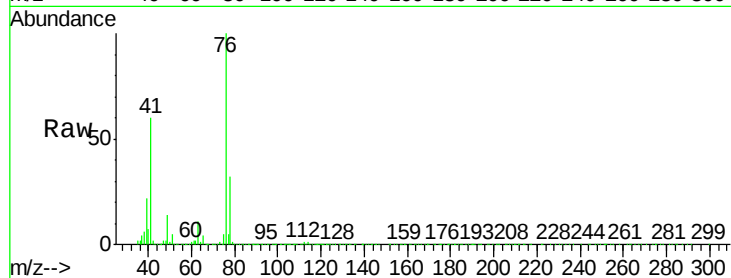
78 32.3 26.4 39.6

Manual Integrations

APPROVED

apatel

1/9/2020 2:33:48 PM



#58

2-Chloroethyl Vinyl ether

Concen: 261.048 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014485.D

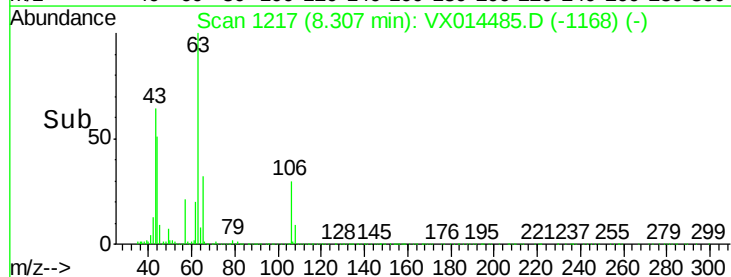
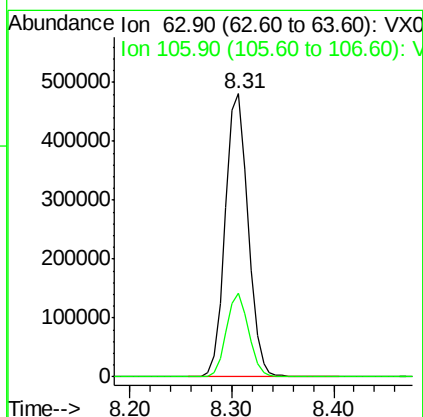
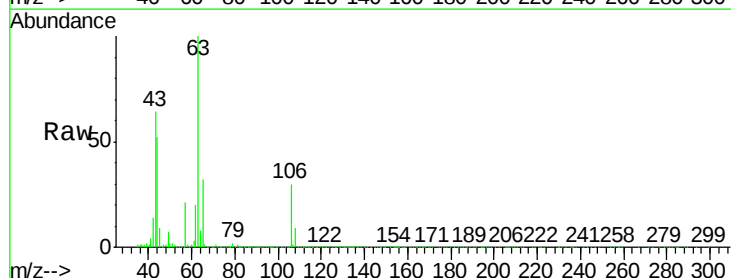
Acq: 08 Jan 2020 20:36

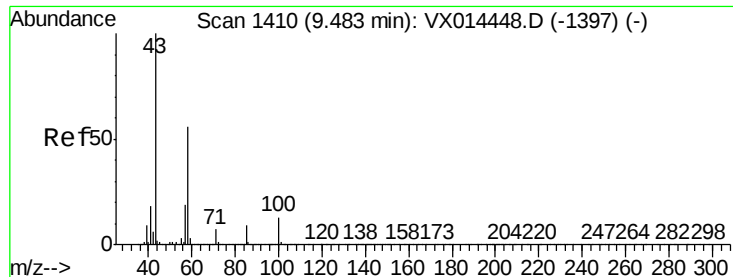
Tgt Ion: 63 Resp: 742215

Ion Ratio Lower Upper

63 100

106 29.0 23.6 35.4





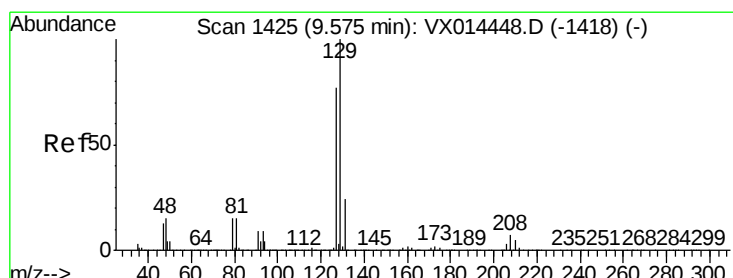
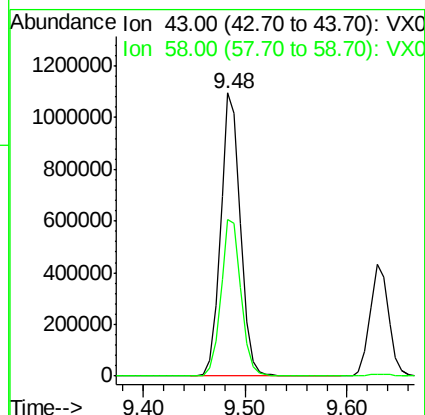
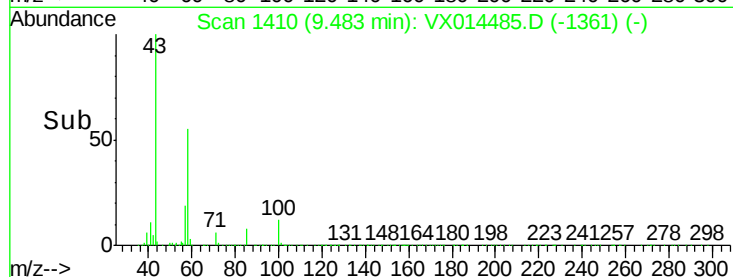
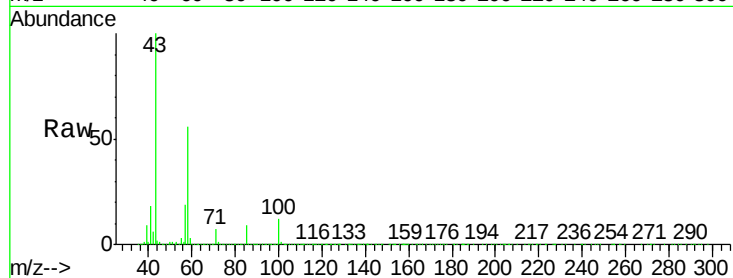
#59
2-Hexanone
Concen: 244.944 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1481228
Ion Ratio Lower Upper
43 100
58 56.2 27.9 83.7

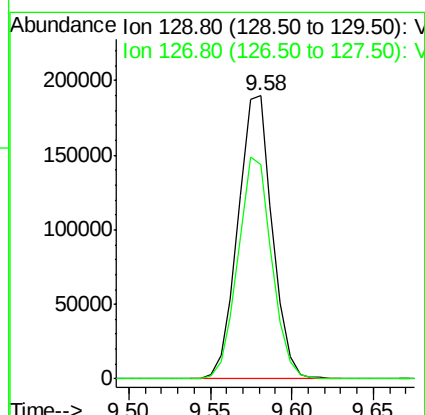
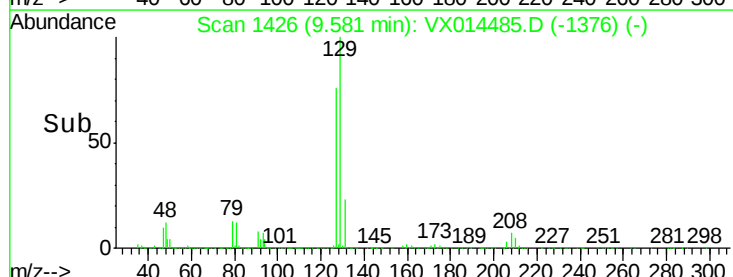
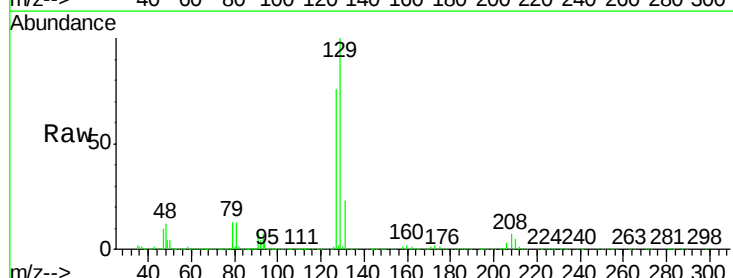
Manual Integrations
APPROVED

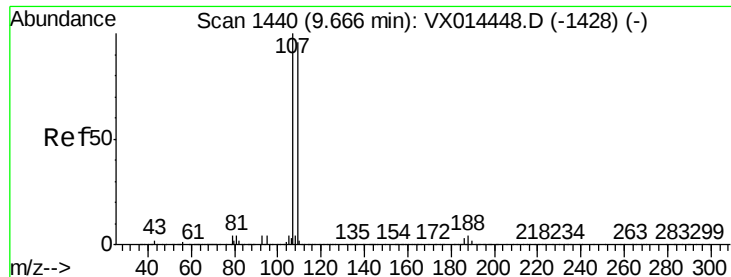
apatel
1/9/2020 2:33:48 PM



#60
Dibromochloromethane
Concen: 50.641 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion: 129 Resp: 277636
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





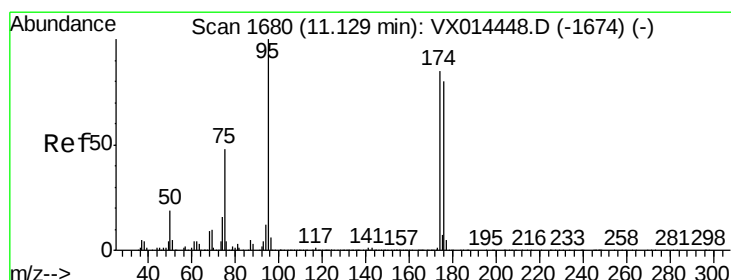
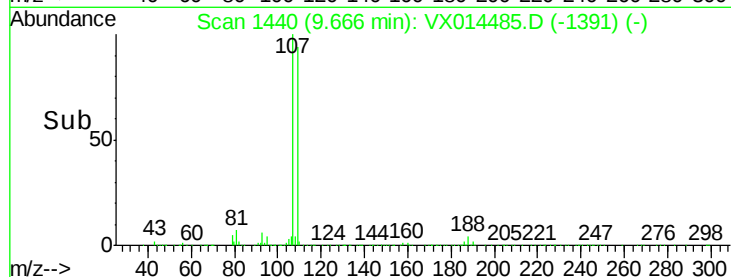
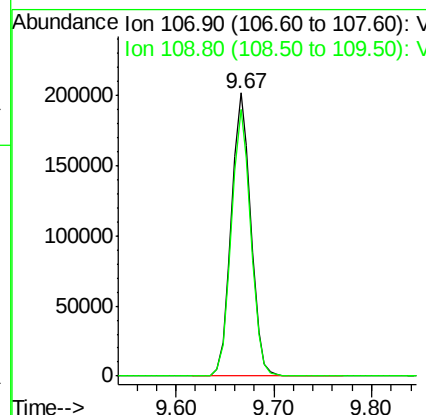
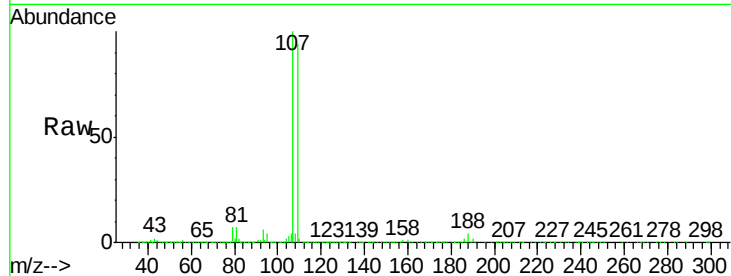
#61
 1,2-Dibromoethane
 Concen: 48.498 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	280221		
109	93.8	76.5	114.7	

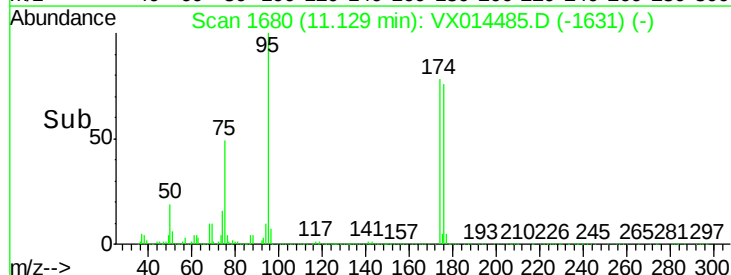
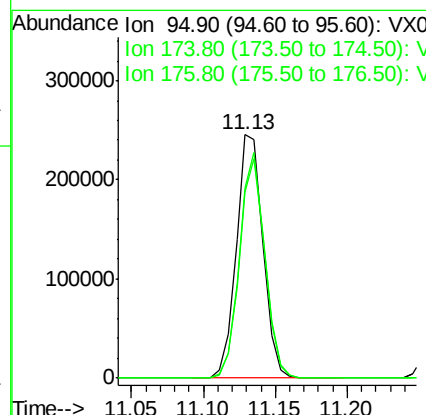
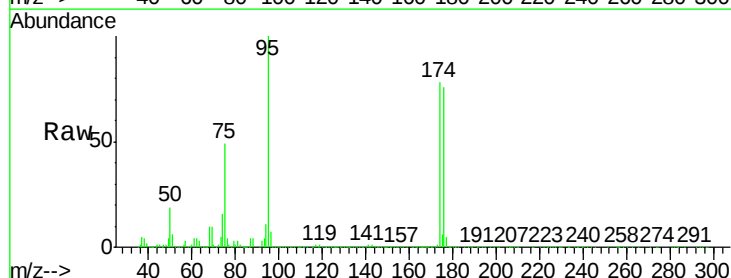
Manual Integrations
 APPROVED

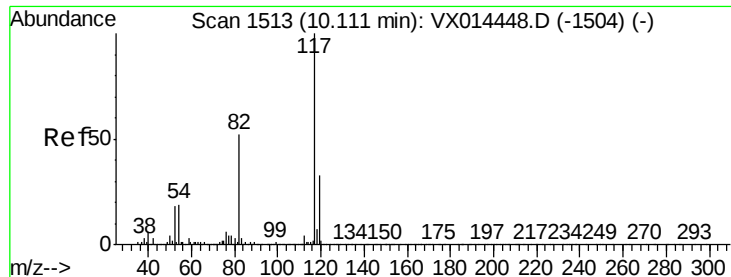
apatel
 1/9/2020 2:33:48 PM



#62
 4-Bromofluorobenzene
 Concen: 48.455 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	317610		
174	88.1	0.0	180.8	
176	86.2	0.0	172.8	





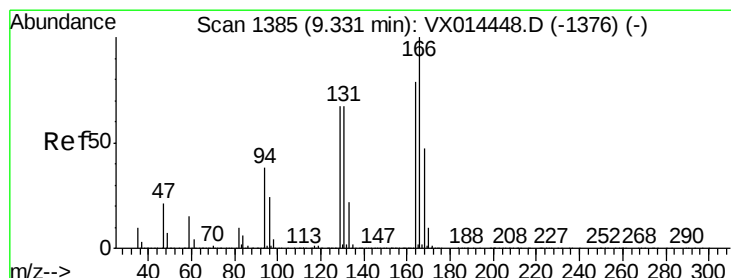
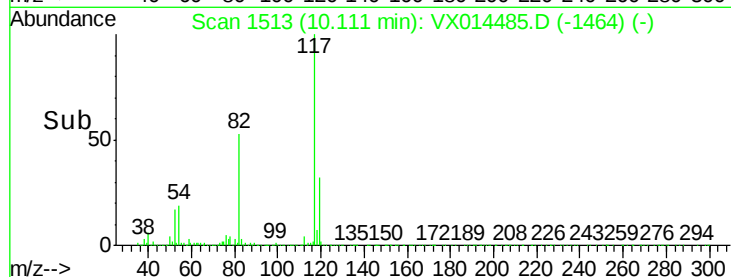
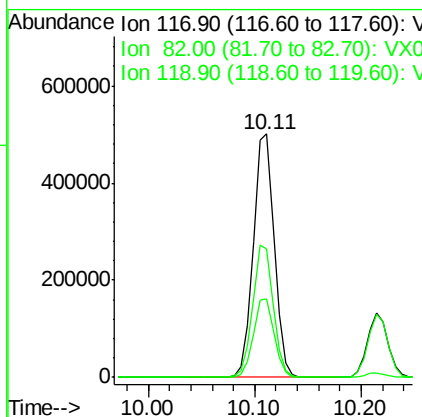
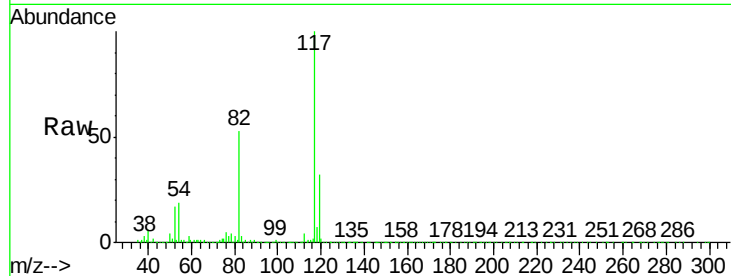
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.6	41.8	62.6
119	32.2	26.2	39.4

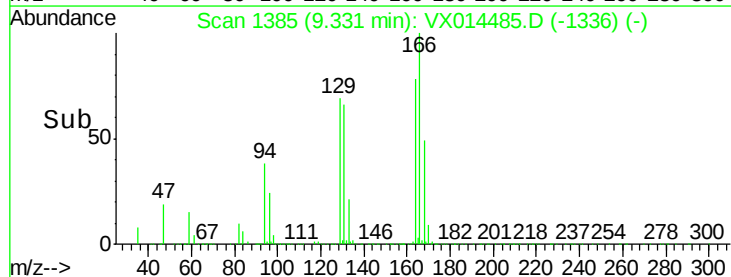
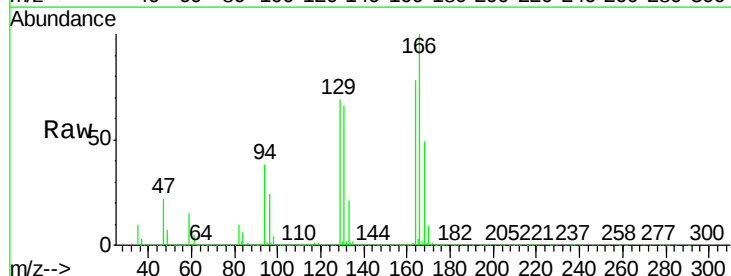
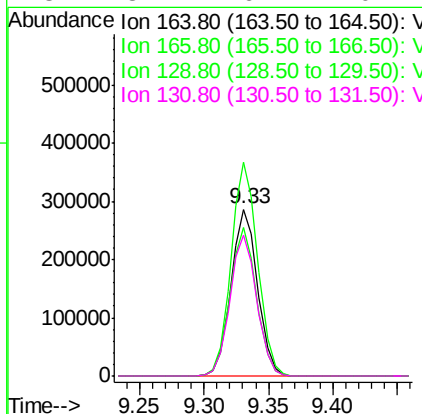
Manual Integrations
APPROVED

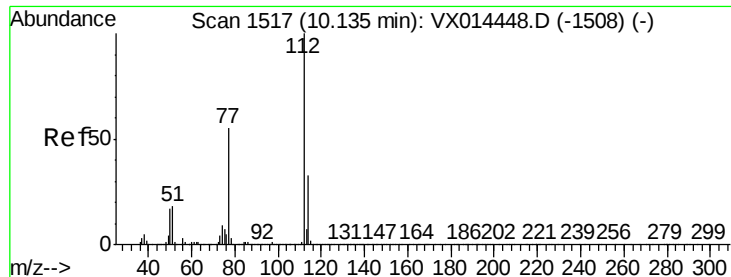
apatel
1/9/2020 2:33:48 PM



#64
Tetrachloroethene
Concen: 59.215 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.8	101.2	151.8
129	88.8	68.3	102.5
131	84.4	67.4	101.2





#65

Chlorobenzene

Concen: 46.673 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 701843

Ion Ratio Lower Upper

112 100

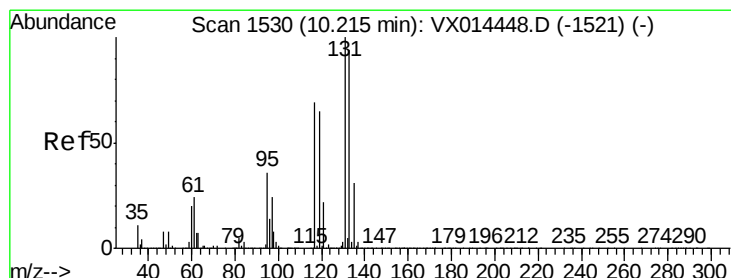
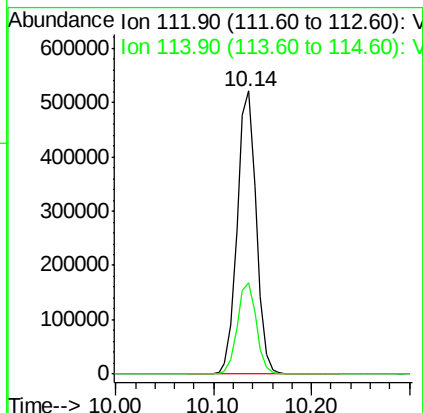
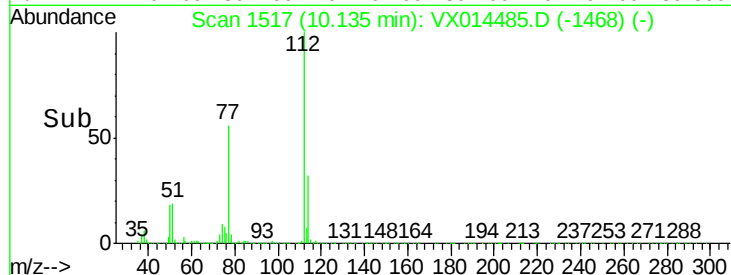
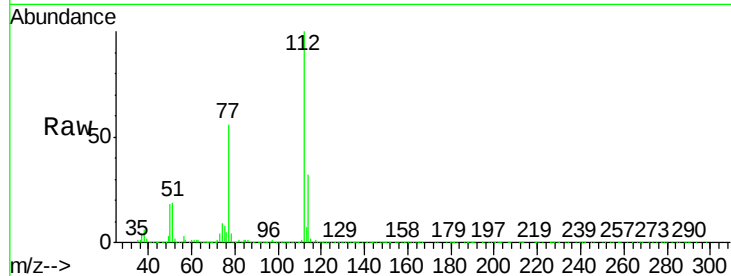
114 32.3 26.2 39.4

Manual Integrations

APPROVED

apatel

1/9/2020 2:33:48 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 48.484 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

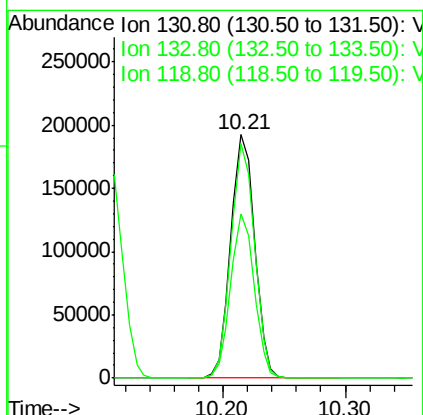
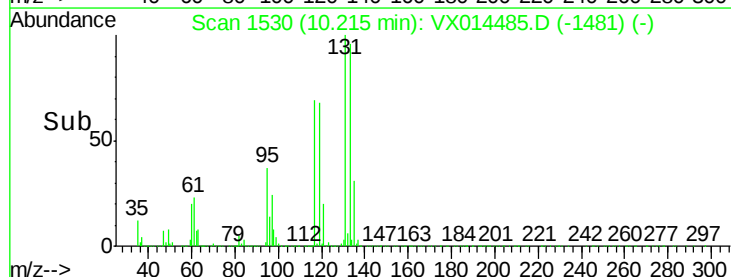
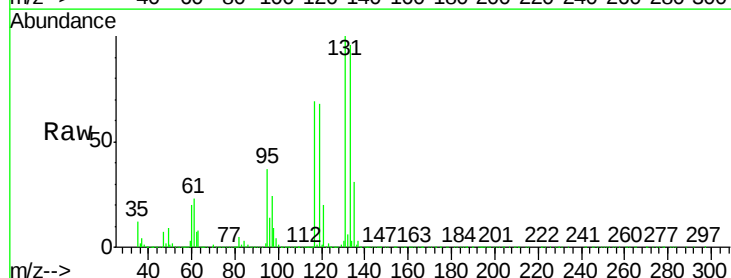
Tgt Ion:131 Resp: 260185

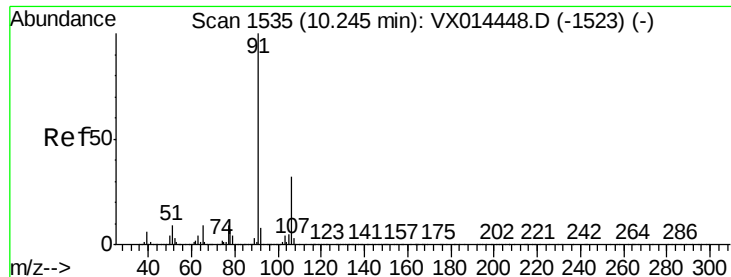
Ion Ratio Lower Upper

131 100

133 95.3 47.3 142.0

119 66.4 32.8 98.4





#67

Ethyl Benzene

Concen: 48.311 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1238244

Ion Ratio Lower Upper

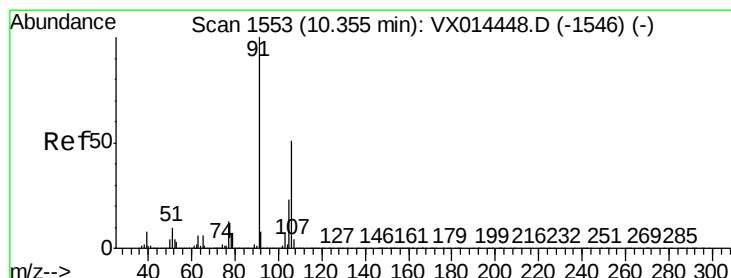
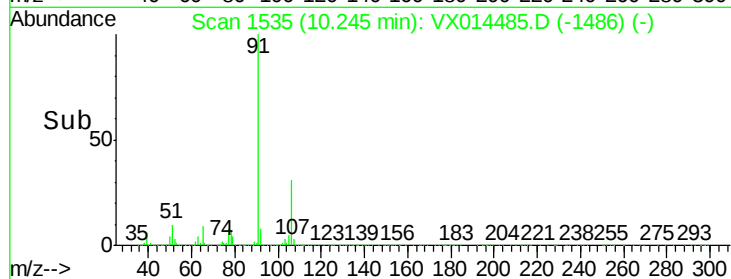
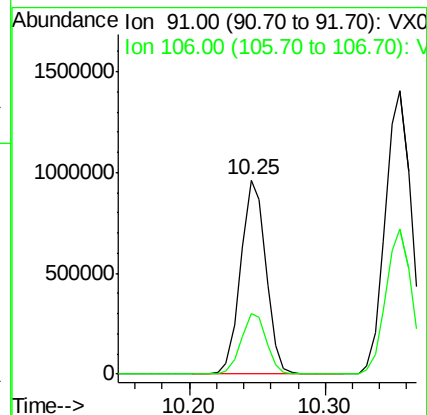
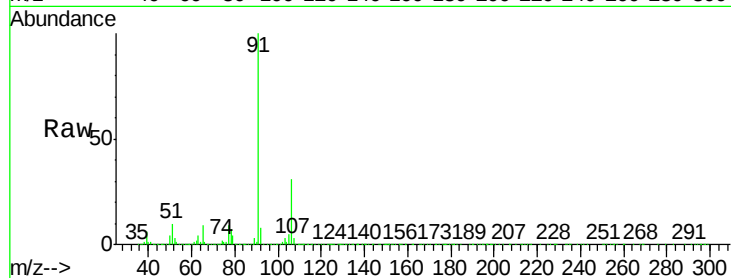
91 100

106 31.0 25.6 38.4

Manual Integrations
APPROVED

apatel

1/9/2020 2:33:48 PM



#68

m/p-Xylenes

Concen: 96.070 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014485.D

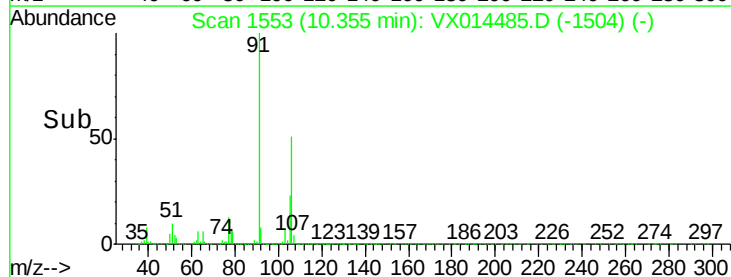
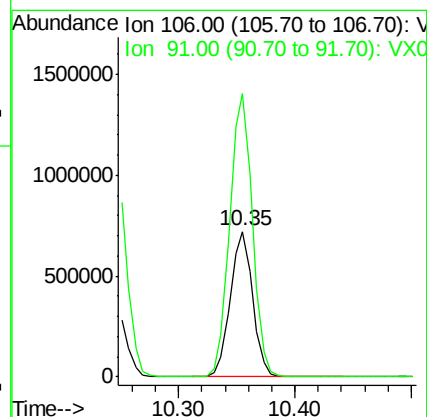
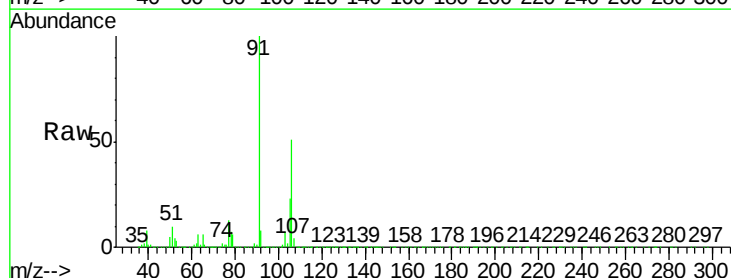
Acq: 08 Jan 2020 20:36

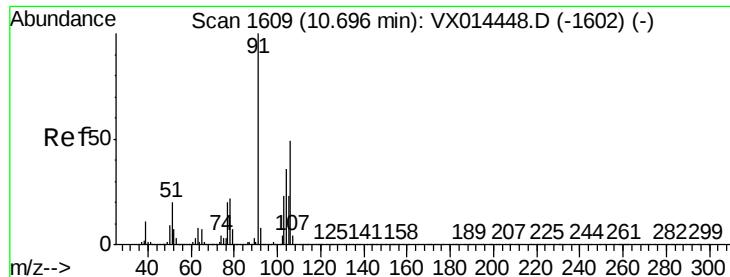
Tgt Ion: 106 Resp: 949946

Ion Ratio Lower Upper

106 100

91 198.2 157.4 236.0





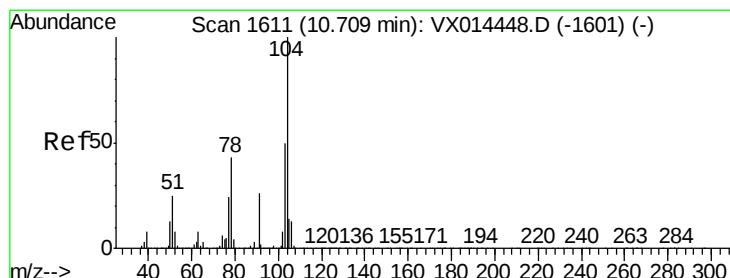
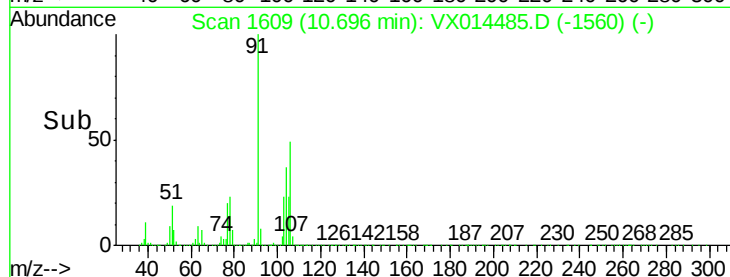
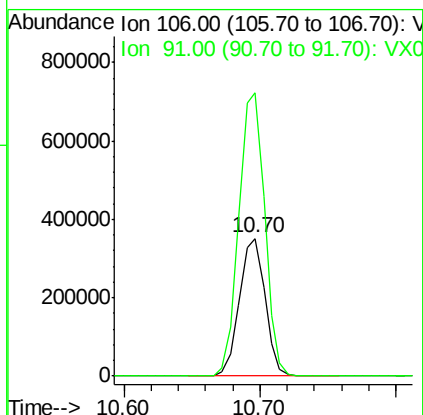
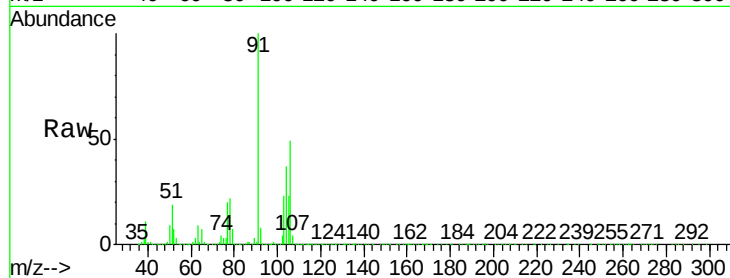
#69
o-Xylene
Concen: 48.909 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	461428		
91	207.7	105.1	315.1	

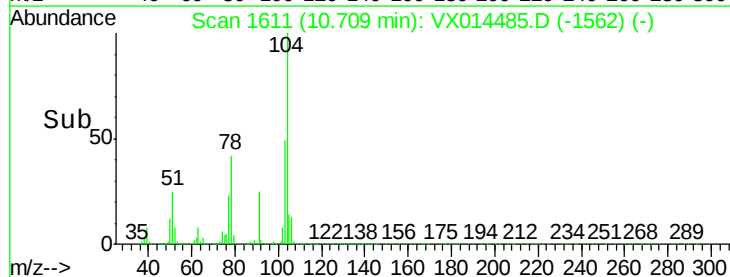
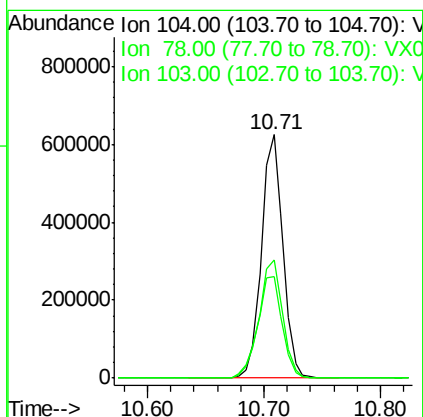
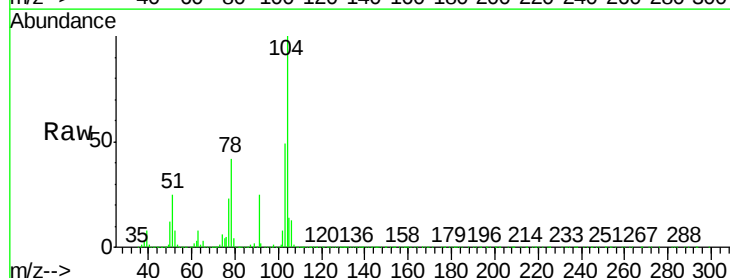
Manual Integrations
APPROVED

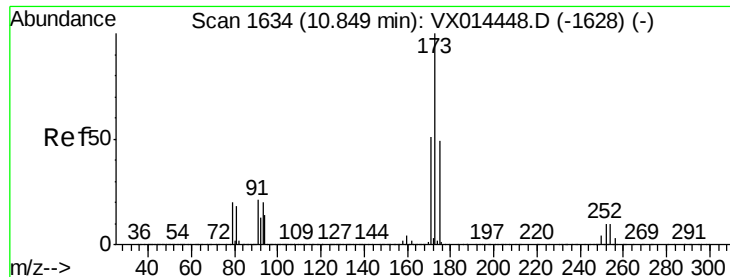
apatel
1/9/2020 2:33:48 PM



#70
Styrene
Concen: 48.949 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	796956		
78	47.9	38.6	58.0	
103	53.2	43.7	65.5	





#71

Bromoform

Concen: 48.580 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 213297

Ion Ratio Lower Upper

173 100

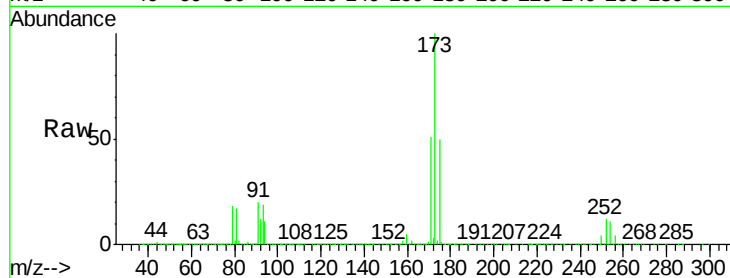
175 49.6 24.3 72.8

254 0.3 0.2 0.2#

Manual Integrations
APPROVED

apatel

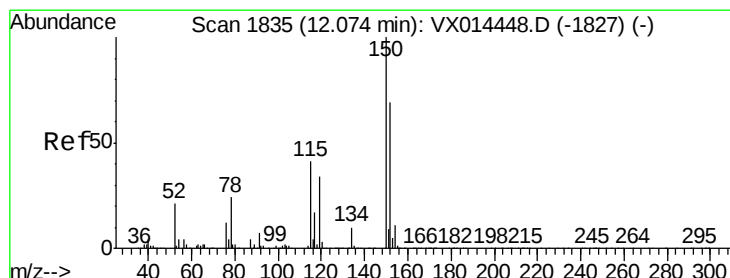
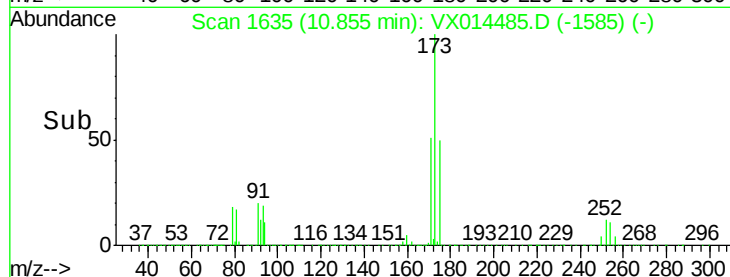
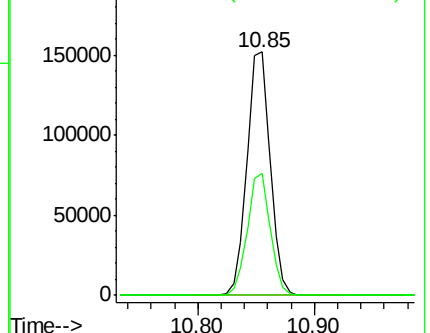
1/9/2020 2:33:48 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

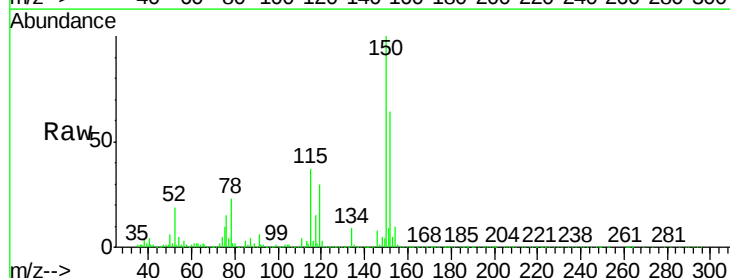
Tgt Ion:152 Resp: 342536

Ion Ratio Lower Upper

152 100

115 77.7 39.5 118.3

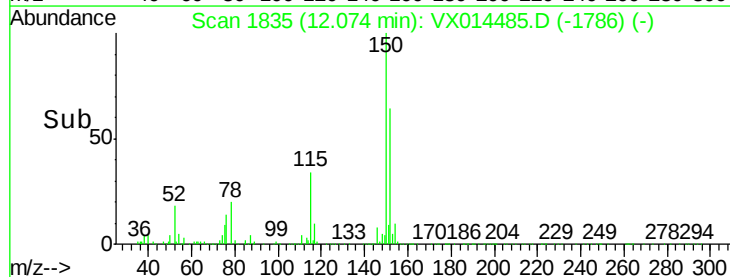
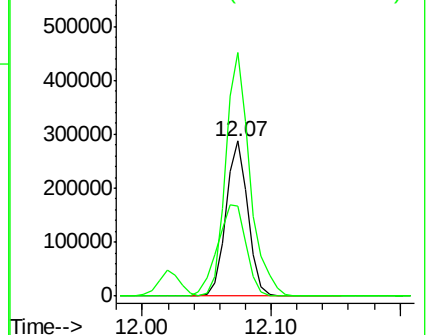
150 173.8 0.0 350.2

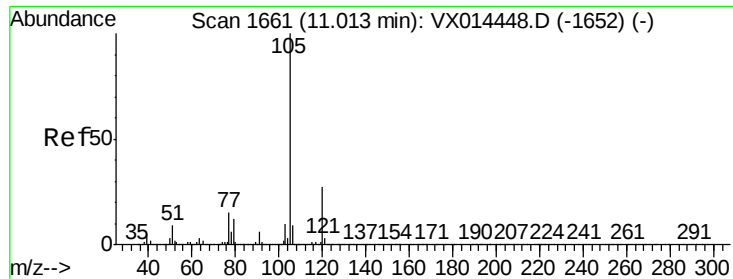


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.907 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1224500

Ion Ratio Lower Upper

105 100

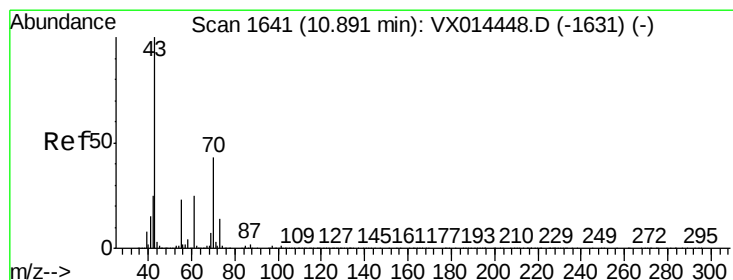
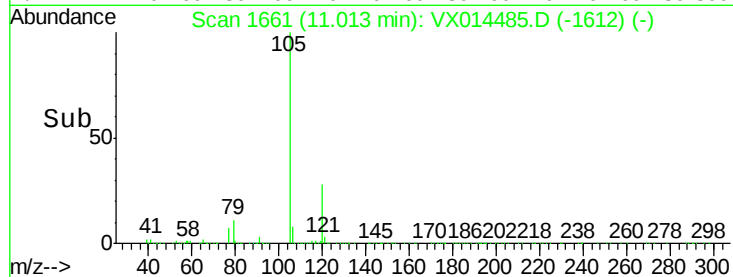
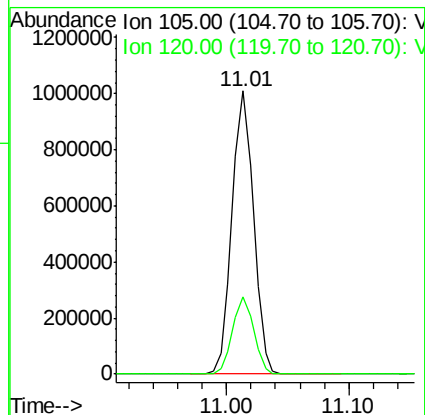
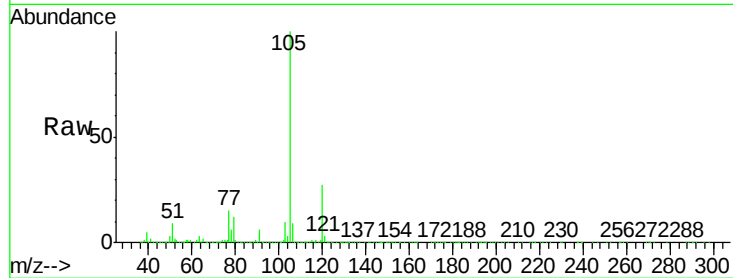
120 26.8 13.4 40.2

Manual Integrations

APPROVED

apatel

1/9/2020 2:33:48 PM



#74

N-ethyl acetate

Concen: 51.852 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion: 43 Resp: 550254

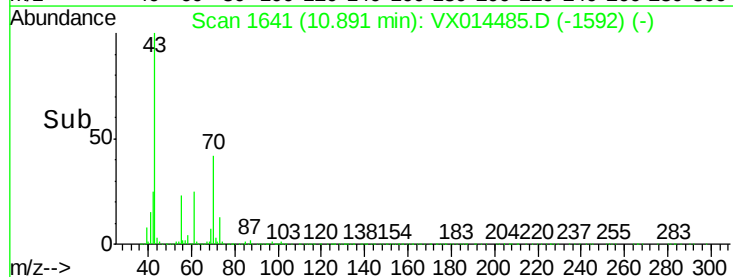
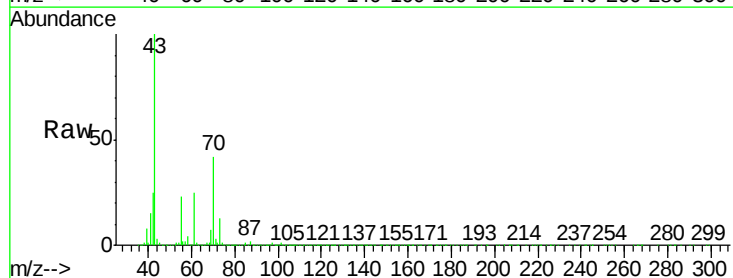
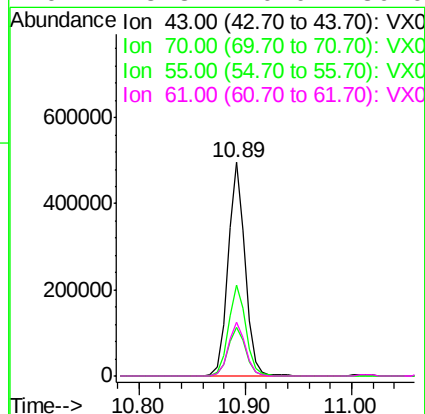
Ion Ratio Lower Upper

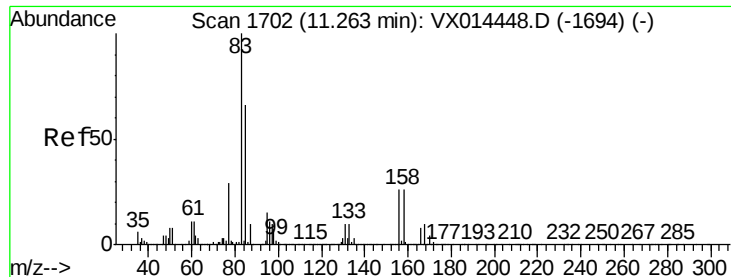
43 100

70 43.5 35.1 52.7

55 23.8 19.3 28.9

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.767 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 360753

Ion Ratio Lower Upper

83 100

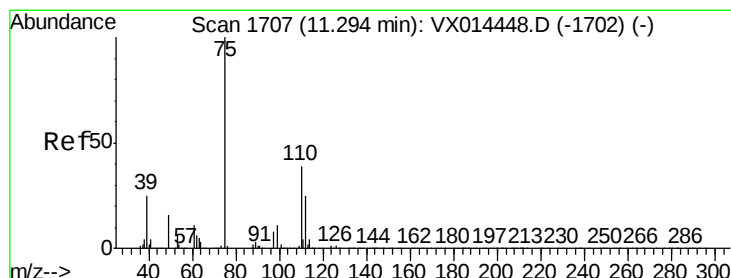
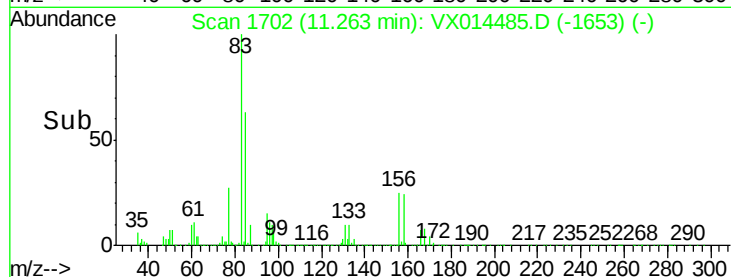
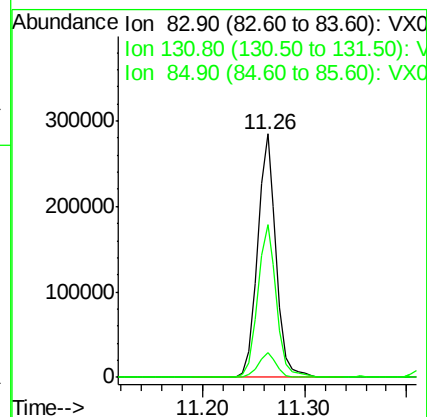
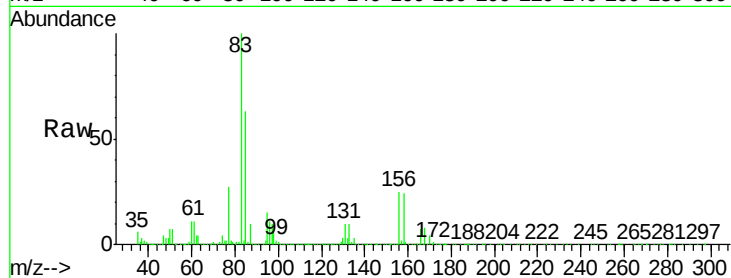
131 10.3 5.1 15.4

85 63.9 32.5 97.4

Manual Integrations
APPROVED

apatel

1/9/2020 2:33:48 PM



#76

1,2,3-Trichloropropane

Concen: 46.254 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014485.D

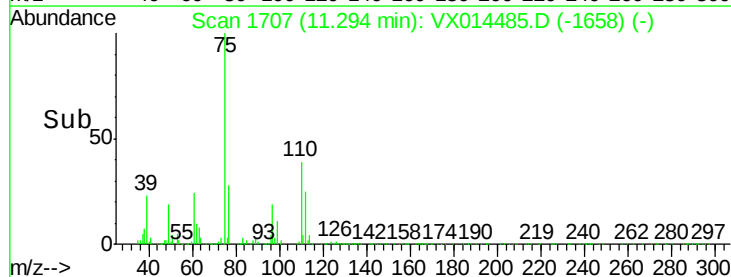
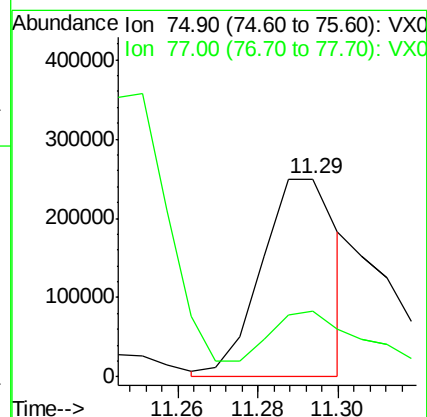
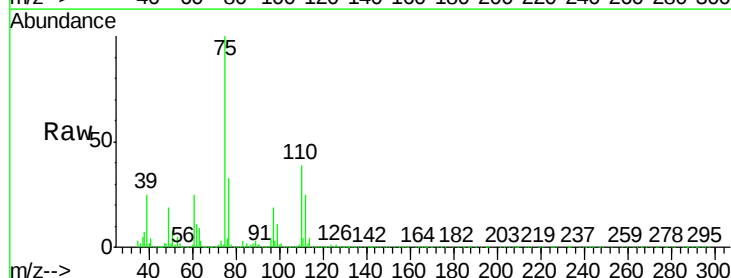
Acq: 08 Jan 2020 20:36

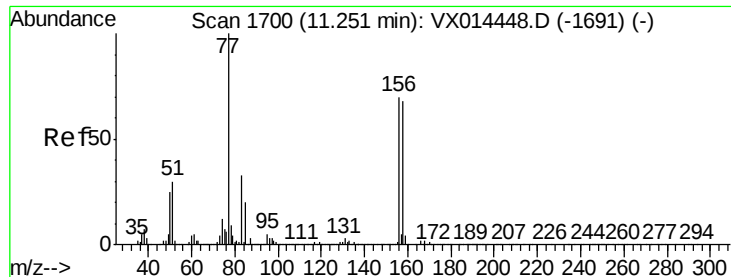
Tgt Ion: 75 Resp: 327810

Ion Ratio Lower Upper

75 100

77 43.3 21.9 65.7





#77

Bromobenzene

Concen: 48.064 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

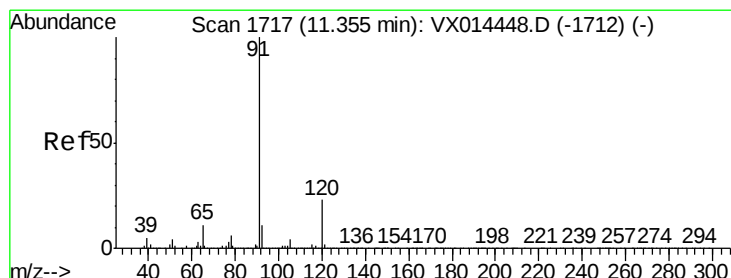
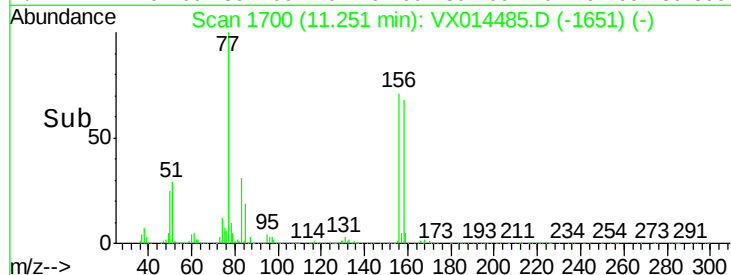
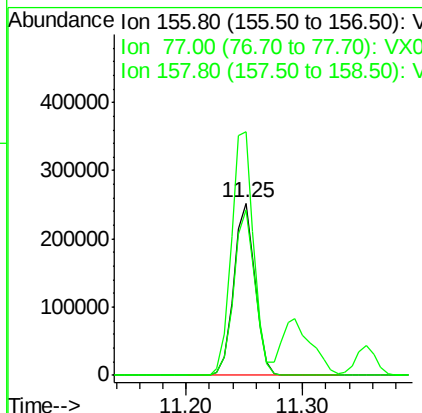
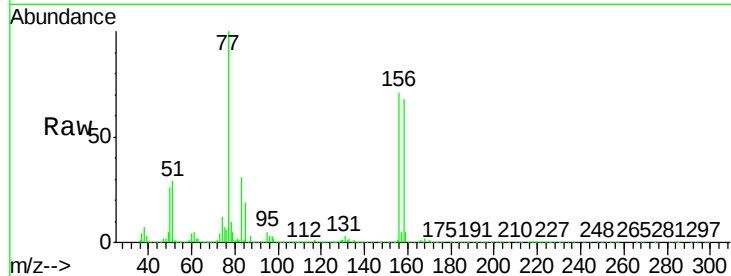
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	320613
Ion Ratio	Lower	Upper	
156	100		
77	149.5	75.4	226.3
158	96.3	48.8	146.3

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#78

n-propylbenzene

Concen: 50.321 ug/l

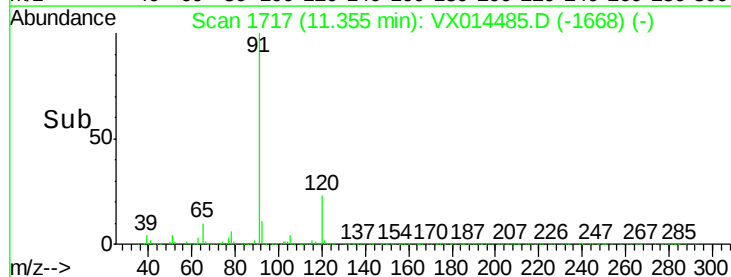
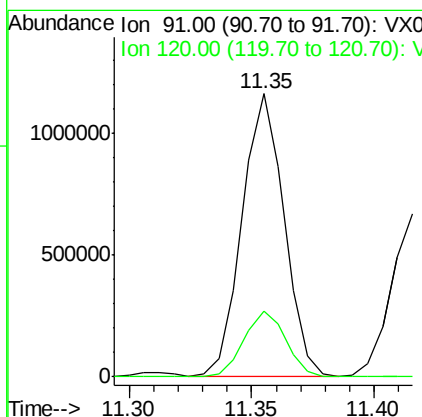
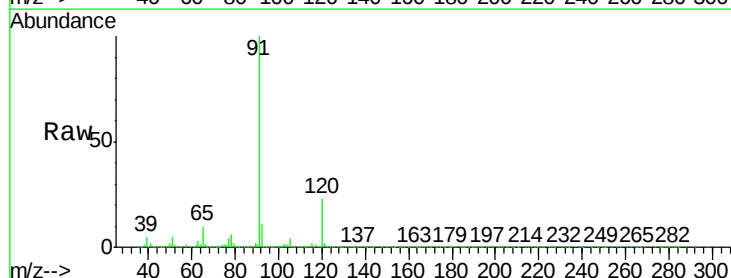
RT: 11.35 min Scan# 1717

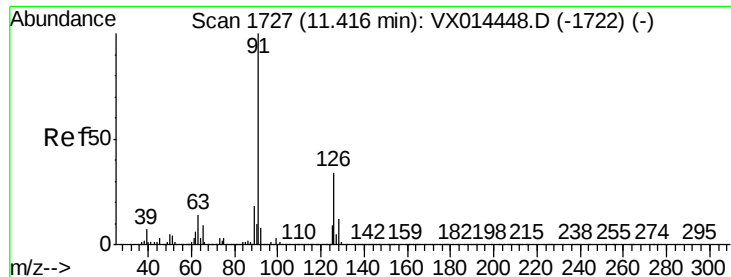
Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	91	Resp:	1386193
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.9	35.5





#79

2-Chlorotoluene

Concen: 49.396 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion: 91 Resp: 810982

Ion Ratio Lower Upper

91 100

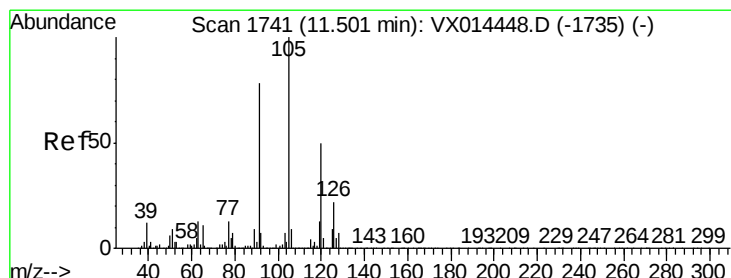
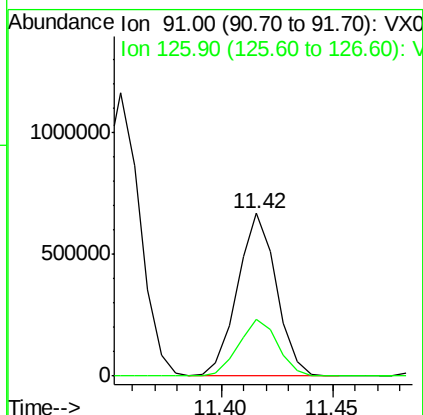
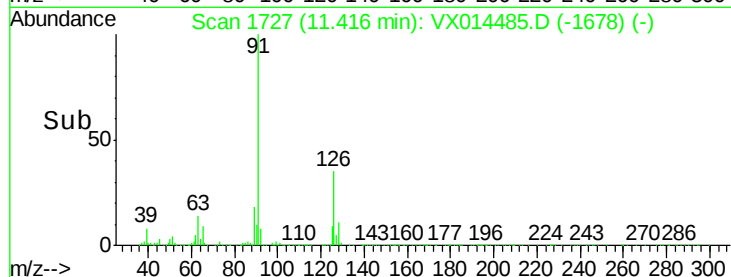
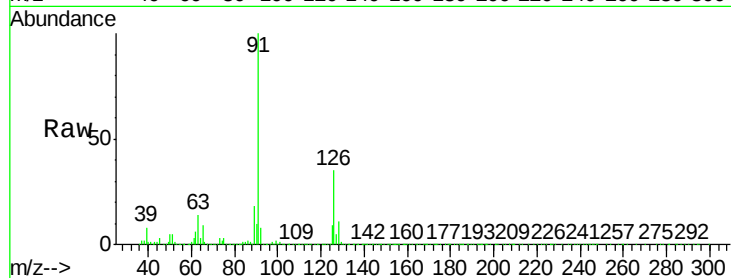
126 35.4 17.5 52.5

Manual Integrations

APPROVED

apatel

1/9/2020 2:33:48 PM



#80

1,3,5-Trimethylbenzene

Concen: 50.810 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014485.D

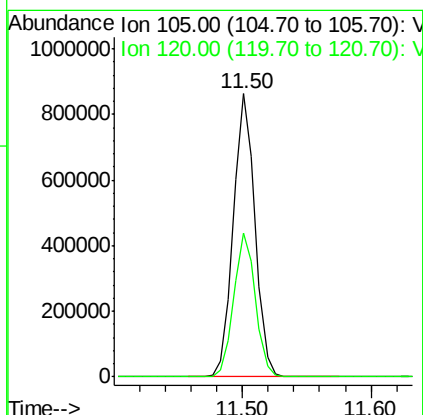
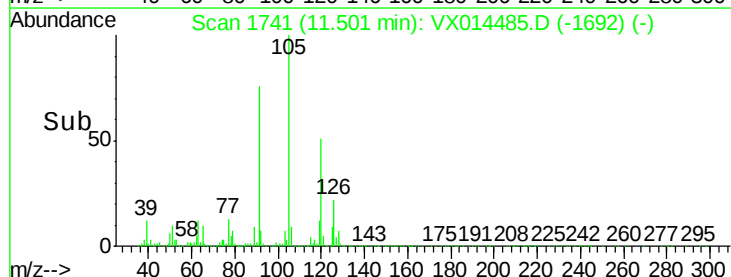
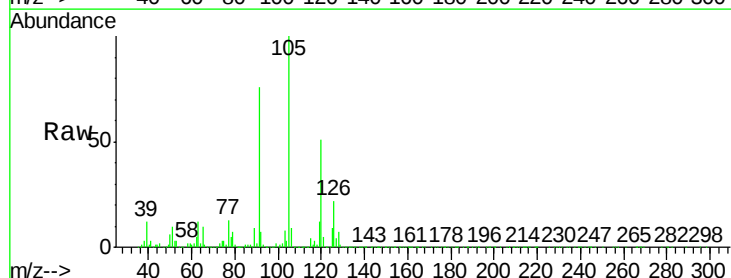
Acq: 08 Jan 2020 20:36

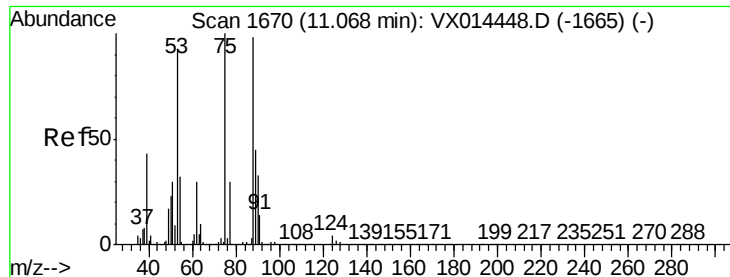
Tgt Ion: 105 Resp: 1014686

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.064 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

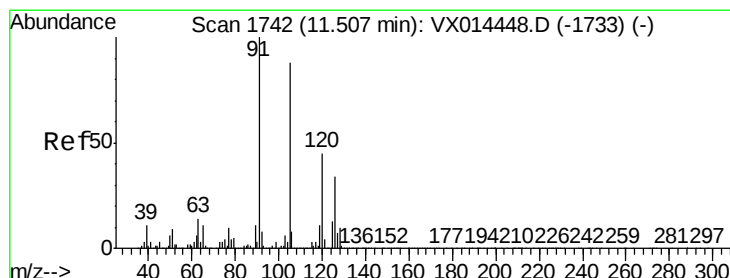
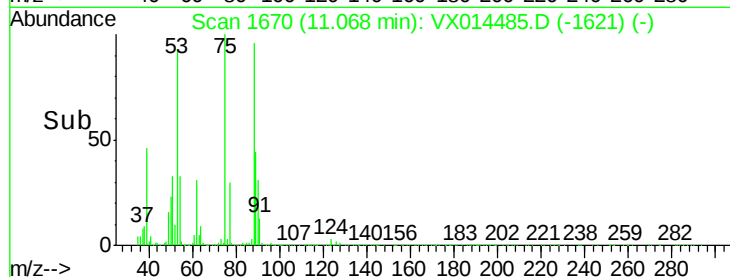
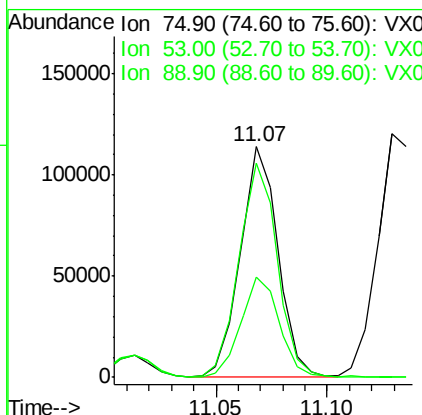
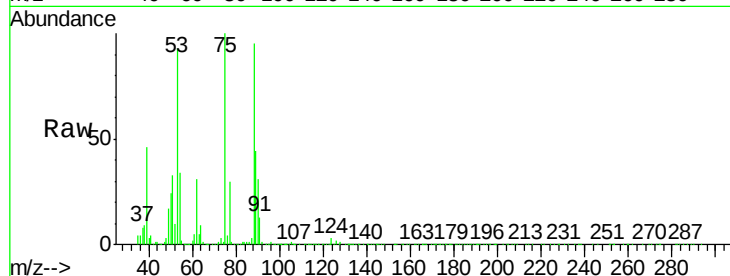
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	134204
Ion Ratio	Lower	Upper	
75	100		
53	94.9	74.8	112.2
89	45.1	36.3	54.5

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#82

4-Chlorotoluene

Concen: 48.385 ug/l

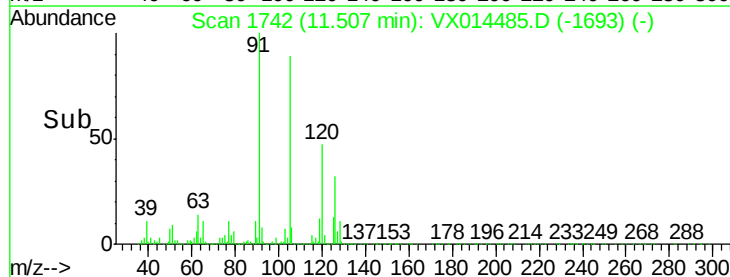
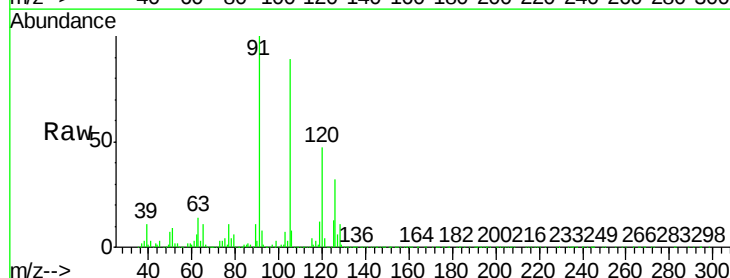
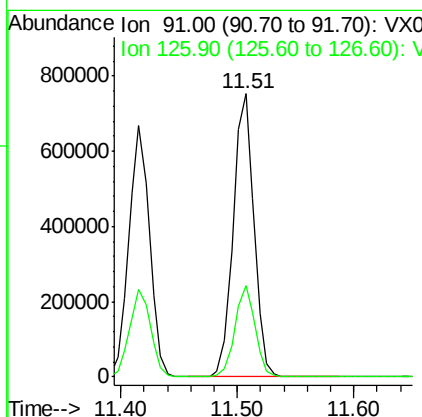
RT: 11.51 min Scan# 1742

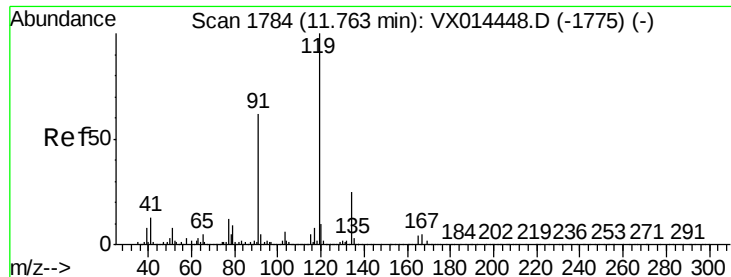
Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Tgt Ion:	91	Resp:	932449
Ion Ratio	Lower	Upper	
91	100		
126	31.2	15.9	47.7





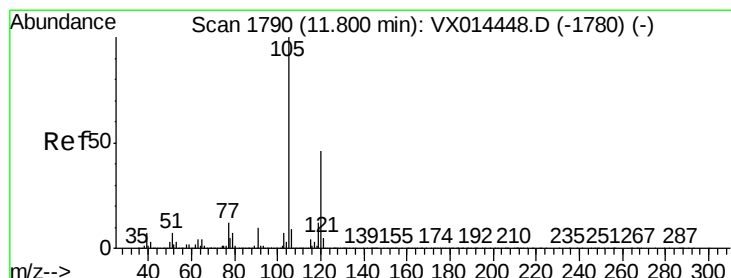
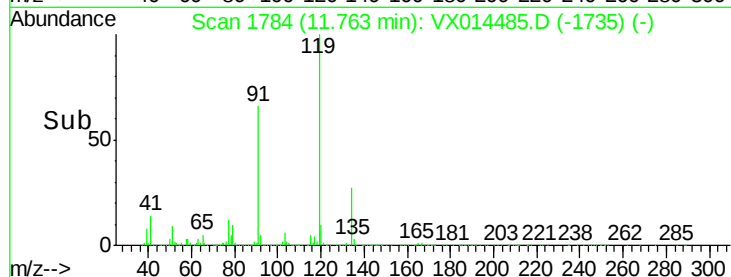
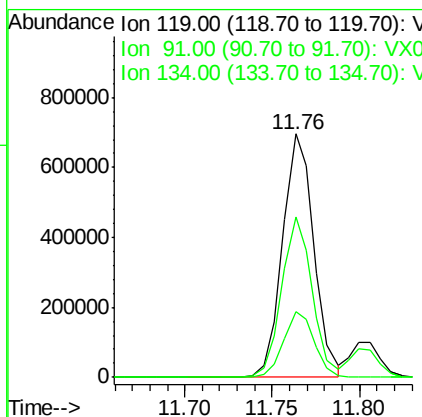
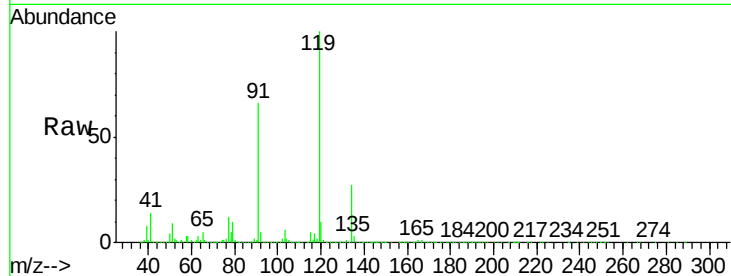
#83
tert-Butylbenzene
Concen: 45.960 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.3	29.3	88.0
134	26.5	12.4	37.4

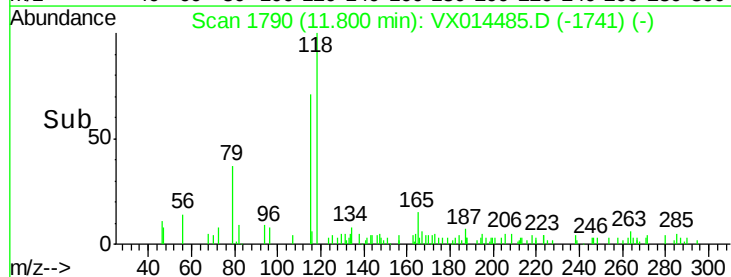
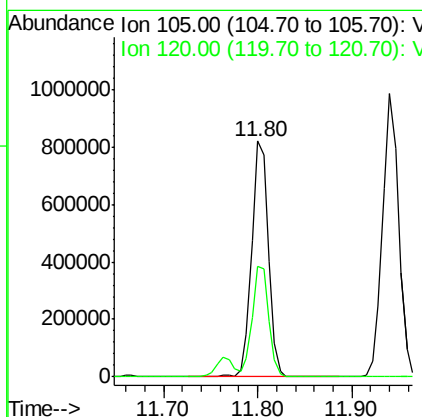
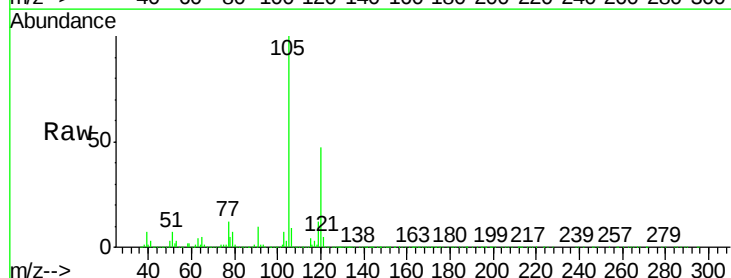
Manual Integrations
APPROVED

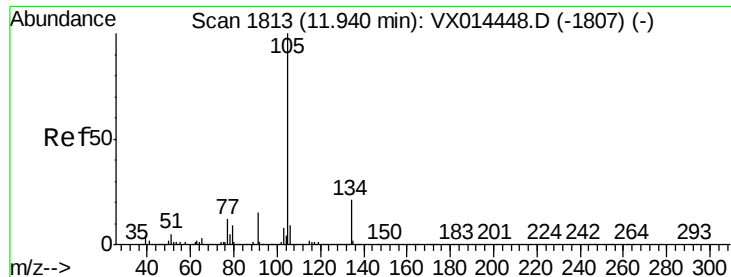
apatel
1/9/2020 2:33:48 PM



#84
1,2,4-Trimethylbenzene
Concen: 50.808 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.205 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1177654

Ion Ratio Lower Upper

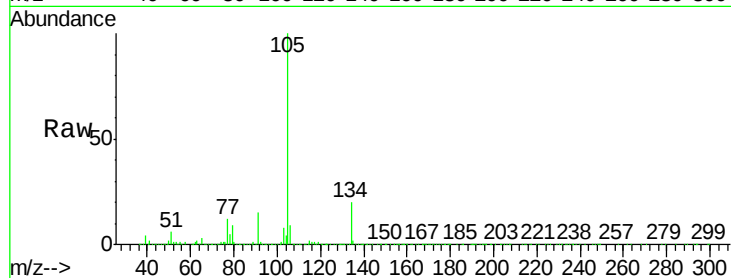
105 100

134 20.9 10.5 31.5

Manual Integrations
APPROVED

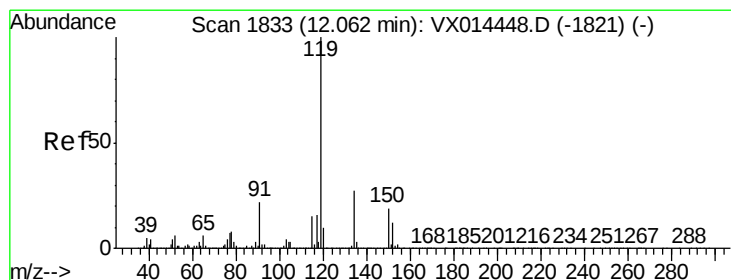
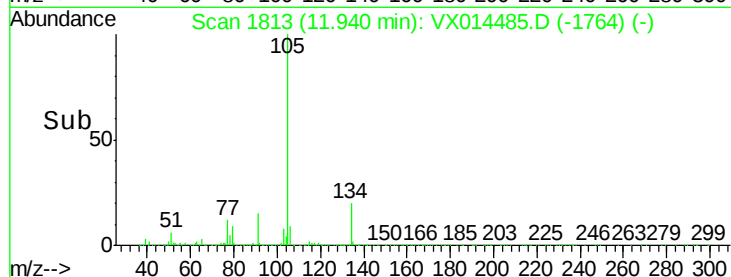
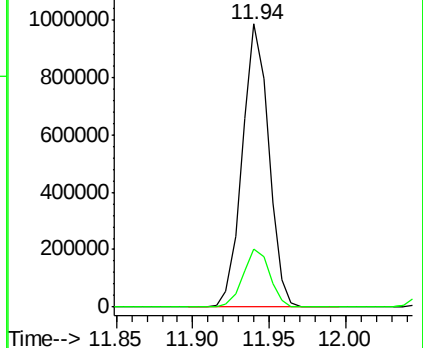
apatel

1/9/2020 2:33:48 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.575 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014485.D

Acq: 08 Jan 2020 20:36

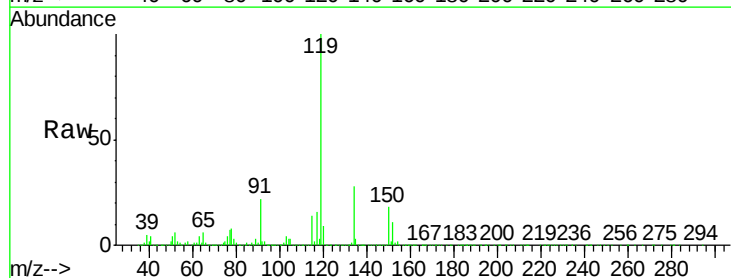
Tgt Ion:119 Resp: 1079093

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

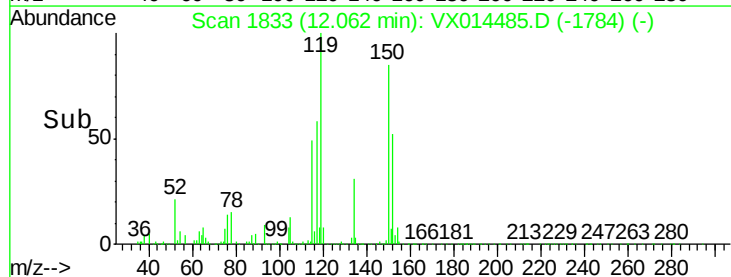
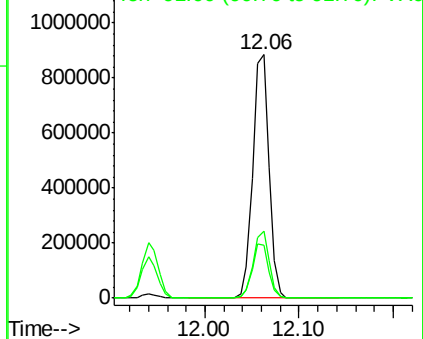
91 22.4 11.1 33.3

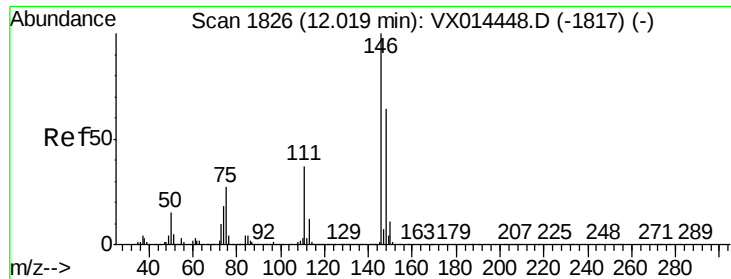


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





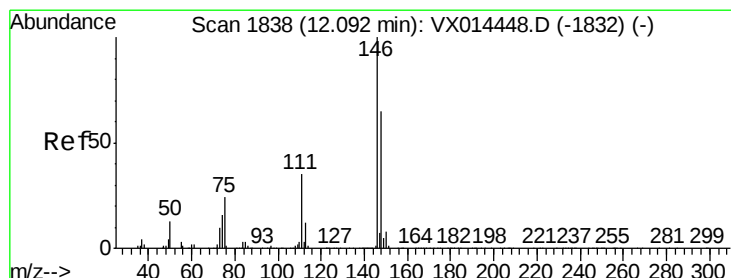
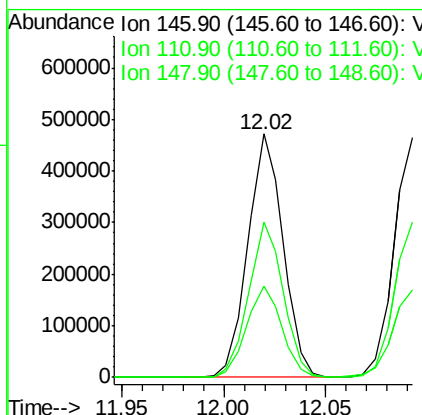
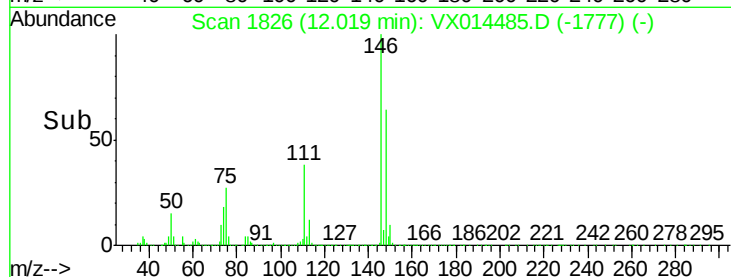
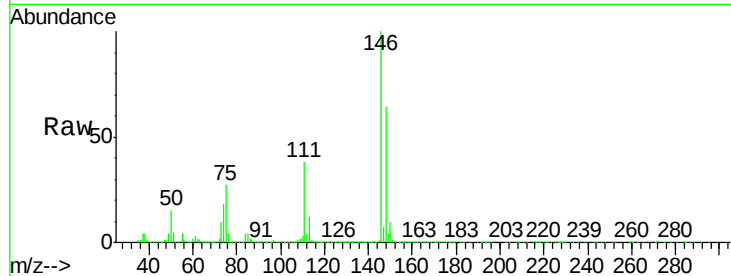
#87
 1,3-Dichlorobenzene
 Concen: 47.296 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	62.8	32.2	96.6

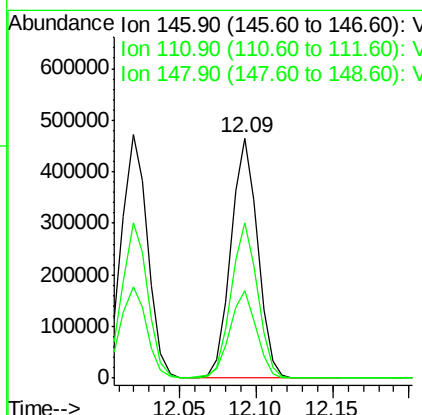
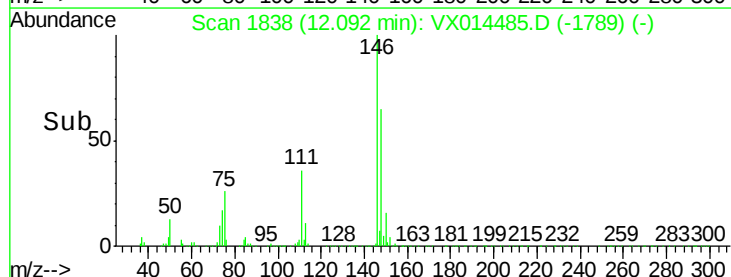
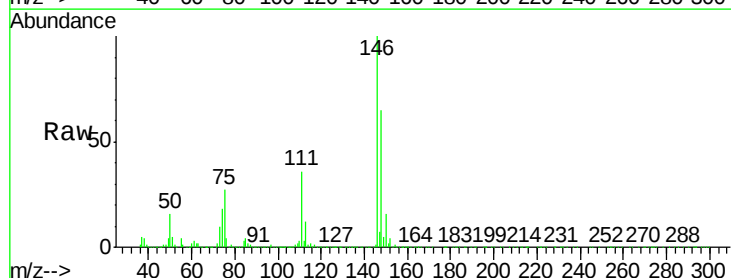
Manual Integrations
 APPROVED

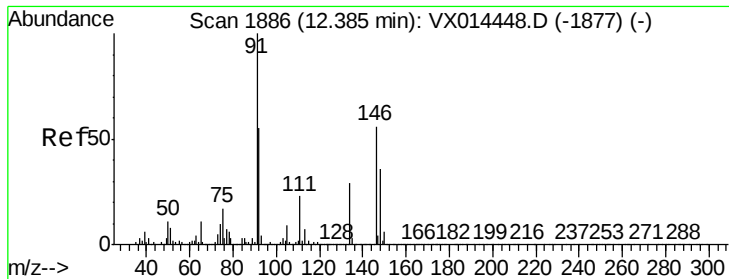
apatel
 1/9/2020 2:33:48 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.908 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.8	32.1	96.3





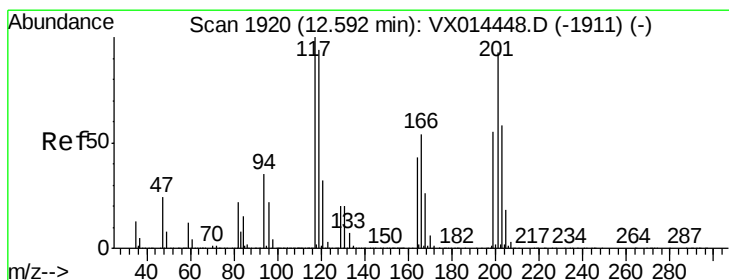
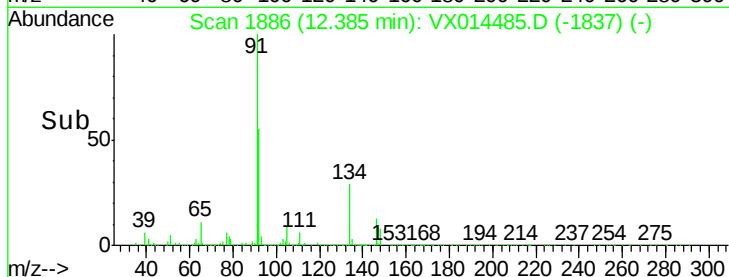
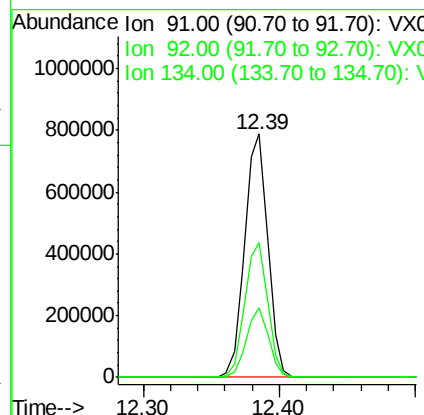
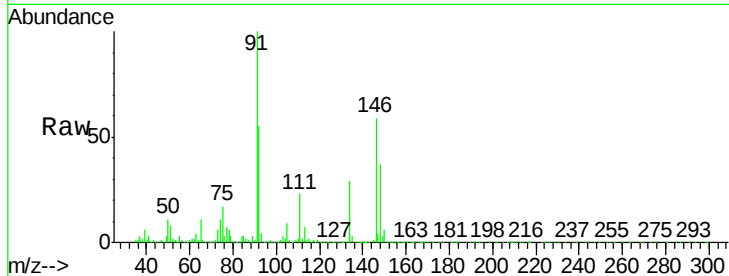
#89
n-Butylbenzene
Concen: 46.776 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.2
134	27.6	13.9	41.7

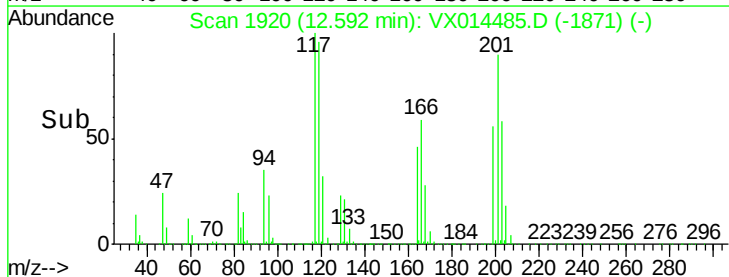
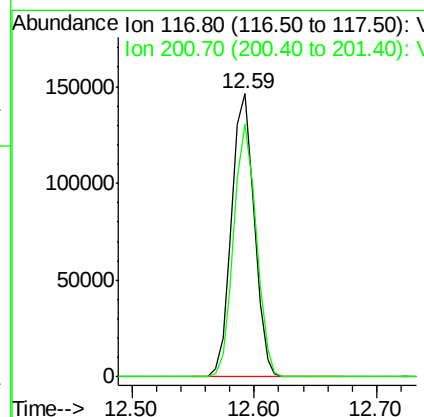
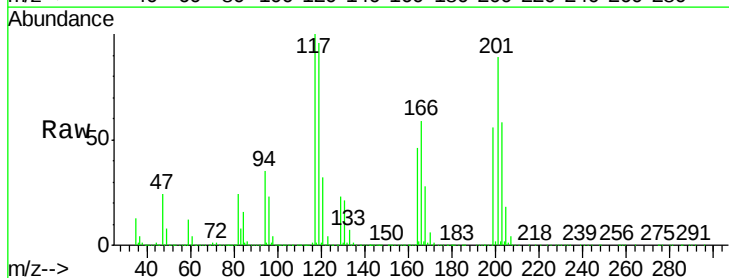
Manual Integrations
APPROVED

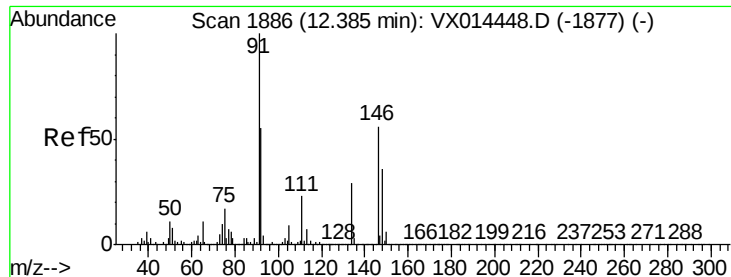
apatel
1/9/2020 2:33:48 PM



#90
Hexachloroethane
Concen: 49.011 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.8	44.8	134.3





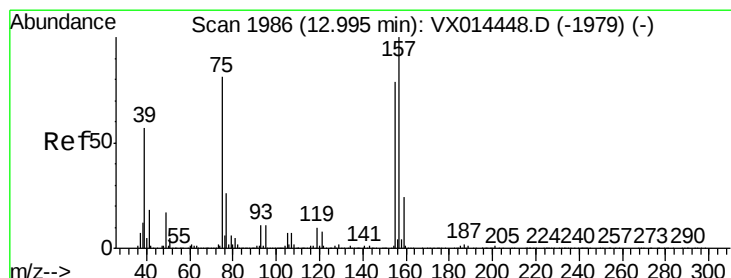
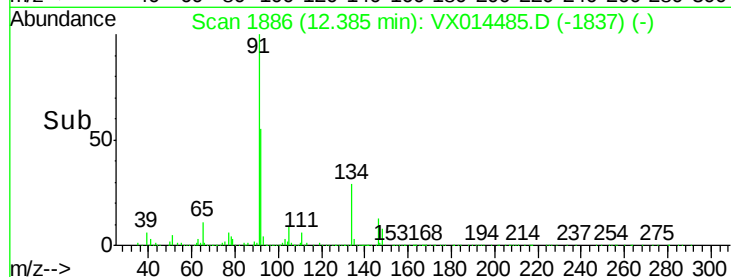
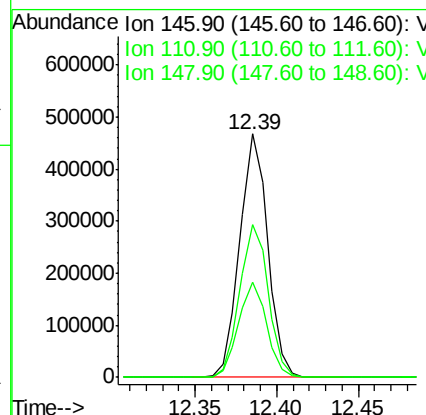
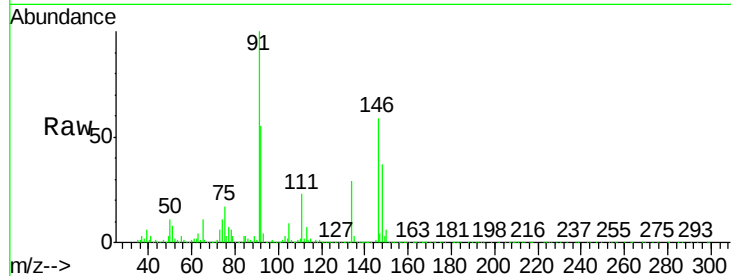
#91
 1,2-Dichlorobenzene
 Concen: 47.828 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	560973		
111	39.0	19.8	59.4	
148	64.2	32.3	96.8	

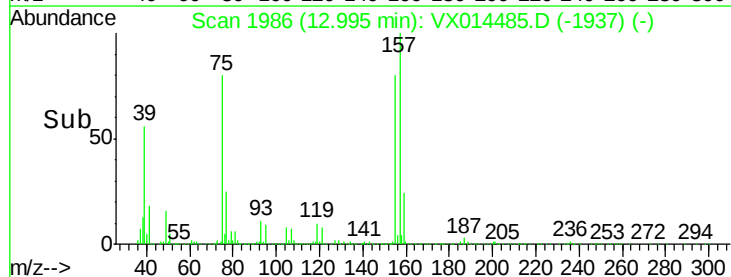
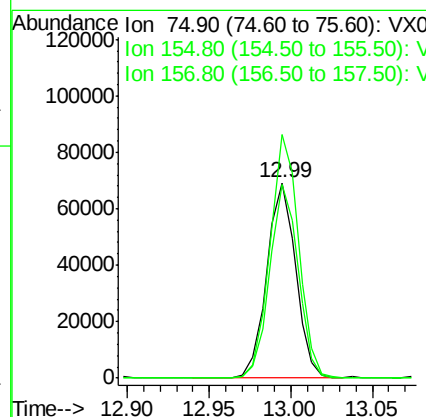
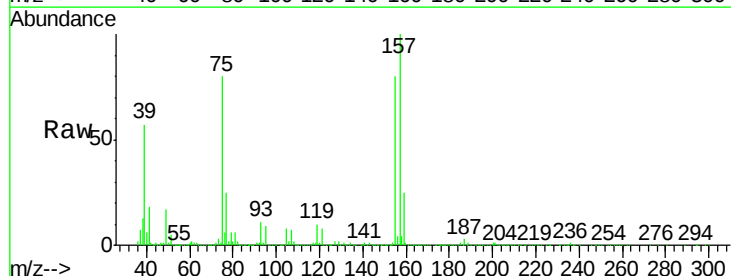
Manual Integrations
 APPROVED

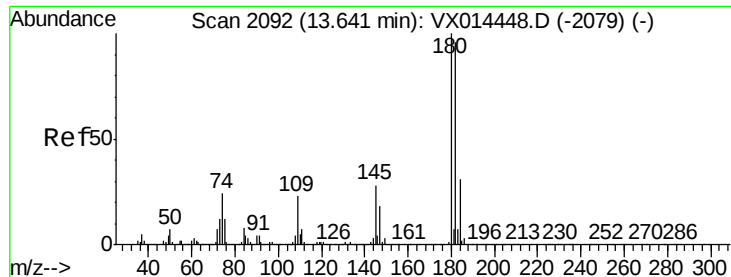
apatel
 1/9/2020 2:33:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.714 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84525		
155	98.8	48.7	146.1	
157	123.7	62.0	185.9	





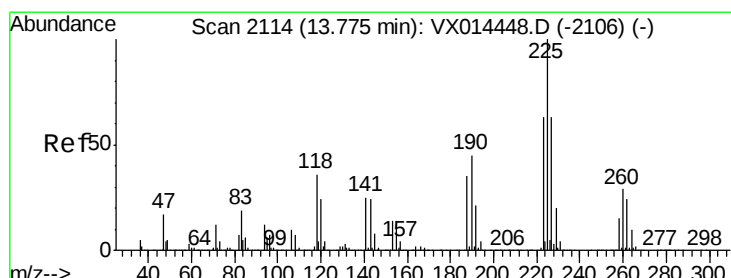
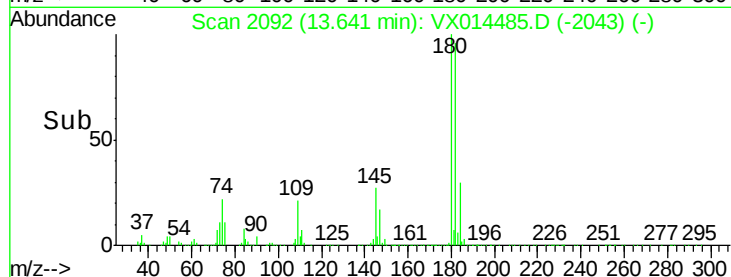
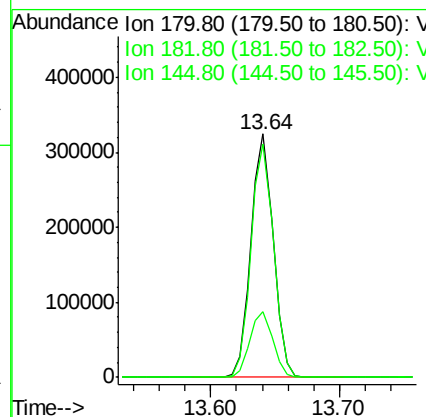
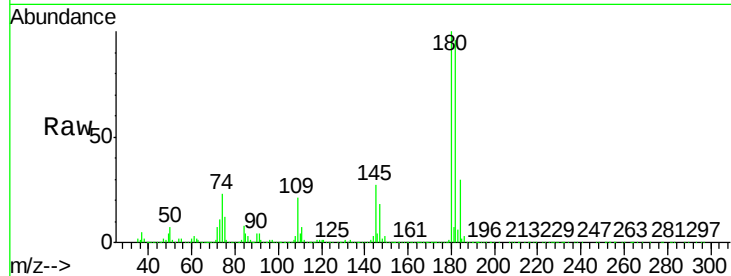
#93
 1,2,4-Trichlorobenzene
 Concen: 46.664 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	384191		
182	97.1	47.5	142.5	
145	28.1	13.9	41.6	

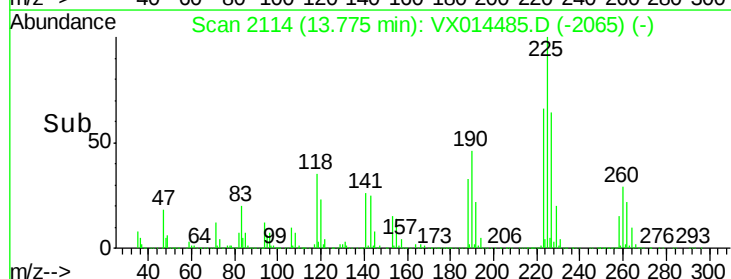
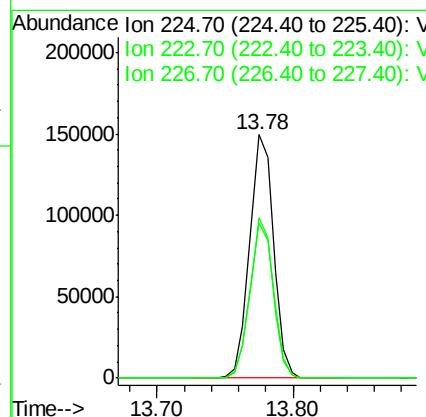
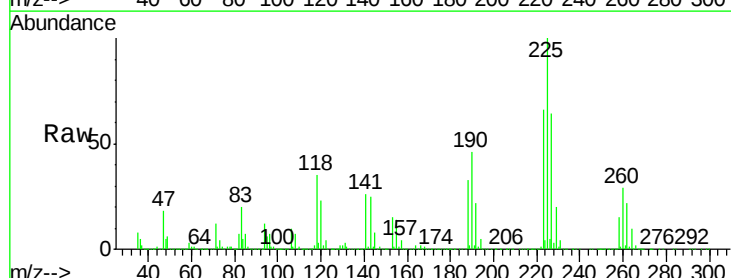
Manual Integrations
 APPROVED

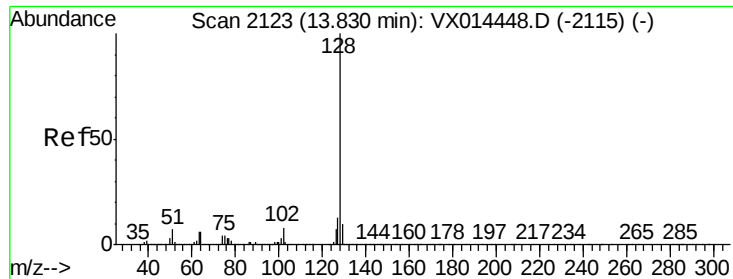
apatel
 1/9/2020 2:33:48 PM



#94
 Hexachlorobutadiene
 Concen: 47.913 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014485.D
 Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	184712		
223	63.5	31.1	93.2	
227	63.5	31.4	94.2	





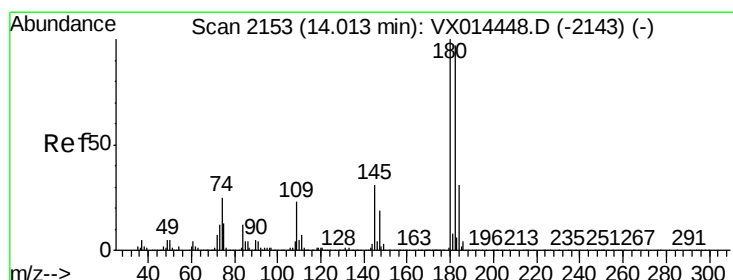
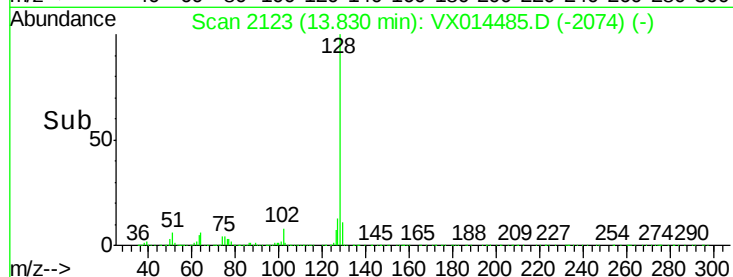
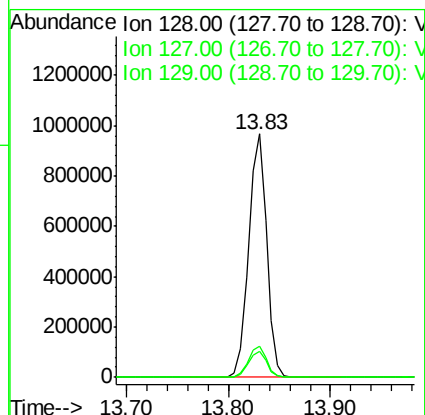
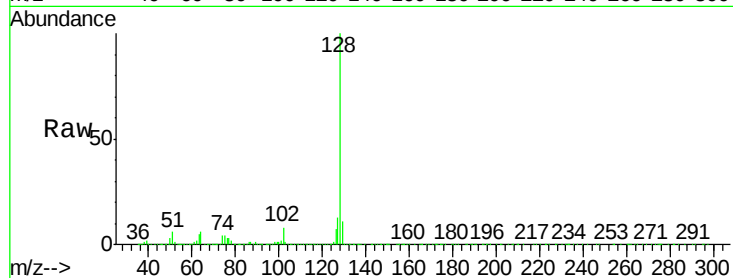
#95
Naphthalene
Concen: 46.221 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.572 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014485.D
Acq: 08 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.6
145	30.2	14.8	44.3

