

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021420\
 Data File : VX014937.D
 Acq On : 14 Feb 2020 09:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 2/17/2020 4:25:10 PM

Quant Time: Feb 14 23:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	472956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	643218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	252368	47.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	209835	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	791992	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	295045	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	255498	57.044	ug/l	99
3) Chloromethane	1.32	50	271516	53.469	ug/l	98
4) Vinyl Chloride	1.41	62	294521	53.840	ug/l	98
5) Bromomethane	1.63	94	191490	54.080	ug/l	97
6) Chloroethane	1.72	64	183455	52.413	ug/l	98
7) Trichlorofluoromethane	1.92	101	414716	54.262	ug/l	100
8) Diethyl Ether	2.18	74	166294	52.469	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	242595	54.683	ug/l	99
10) Methyl Iodide	2.50	142	289534	57.795	ug/l	99
11) Tert butyl alcohol	3.02	59	244760	259.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	234703	54.140	ug/l	99
13) Acrolein	2.28	56	173267	241.220	ug/l	99
14) Allyl chloride	2.72	41	401996	52.302	ug/l	99
15) Acrylonitrile	3.13	53	621350	260.070	ug/l	99
16) Acetone	2.43	43	848956	298.193	ug/l	98
17) Carbon Disulfide	2.56	76	628465	51.886	ug/l	99
18) Methyl Acetate	2.76	43	287248	53.433	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	781429	55.387	ug/l	97
20) Methylene Chloride	2.85	84	258839	50.410	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	251142	52.502	ug/l	100
22) Diisopropyl ether	3.84	45	806118	54.914	ug/l	97
23) Vinyl Acetate	3.80	43	3458376	285.789	ug/l	99
24) 1,1-Dichloroethane	3.69	63	444065	53.600	ug/l	99
25) 2-Butanone	4.65	43	1023031	281.526	ug/l	99
26) 2,2-Dichloropropane	4.57	77	391160	54.785	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	287012	53.676	ug/l	100
28) Bromochloromethane	5.00	49	164187	51.128	ug/l	99
29) Tetrahydrofuran	5.11	42	551862	267.150	ug/l	100
30) Chloroform	5.20	83	449446	54.678	ug/l	98
31) Cyclohexane	5.57	56	410700	54.427	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	394826	54.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	342167	55.230	ug/l	99
37) Ethyl Acetate	4.81	43	345650	53.493	ug/l	100
38) Carbon Tetrachloride	5.77	117	346127	57.329	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021420\
 Data File : VX014937.D
 Acq On : 14 Feb 2020 09:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 2/17/2020 4:25:10 PM

Quant Time: Feb 14 23:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	435559	56.215	ug/l	97
40) Benzene	6.13	78	1012023	54.673	ug/l	98
41) Methacrylonitrile	5.03	41	196313	56.396	ug/l	99
42) 1,2-Dichloroethane	6.18	62	360677	53.911	ug/l	99
43) Isopropyl Acetate	6.43	43	589869	55.339	ug/l	100
44) Trichloroethene	7.20	130	296828	55.239	ug/l	99
45) 1,2-Dichloropropane	7.50	63	259127	54.891	ug/l	99
46) Dibromomethane	7.65	93	174170	53.975	ug/l	100
47) Bromodichloromethane	7.89	83	356928	55.786	ug/l	98
48) Methyl methacrylate	7.76	41	294542	56.149	ug/l	99
49) 1,4-Dioxane	7.73	88	109230	1113.690	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1765452	274.297	ug/l	100
52) Toluene	8.78	92	649761	55.267	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	403860	57.595	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	435812	56.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	261635	55.005	ug/l	98
56) Ethyl methacrylate	9.17	69	413599	57.850	ug/l	99
57) 1,3-Dichloropropane	9.36	76	437347	54.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1130600	302.375	ug/l	100
59) 2-Hexanone	9.48	43	1473617	291.286	ug/l	99
60) Dibromochloromethane	9.57	129	295683	57.764	ug/l	99
61) 1,2-Dibromoethane	9.67	107	277842	54.137	ug/l	100
64) Tetrachloroethene	9.33	164	307110	51.067	ug/l	98
65) Chlorobenzene	10.13	112	717336	54.984	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	268943	56.783	ug/l	99
67) Ethyl Benzene	10.25	91	1265509	57.037	ug/l	99
68) m/p-Xylenes	10.35	106	975656	114.147	ug/l	98
69) o-Xylene	10.69	106	464023	56.476	ug/l	99
70) Styrene	10.70	104	816603	58.749	ug/l	99
71) Bromoform	10.85	173	232054	58.697	ug/l #	99
73) Isopropylbenzene	11.01	105	1260796	57.434	ug/l	100
74) N-amyl acetate	10.89	43	529302	58.030	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	386459	53.855	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	329951m	52.125	ug/l	
77) Bromobenzene	11.25	156	334950	54.667	ug/l	98
78) n-propylbenzene	11.35	91	1452818	57.221	ug/l	99
79) 2-Chlorotoluene	11.42	91	830580	55.645	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1061598	57.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	138456	55.988	ug/l	99
82) 4-Chlorotoluene	11.51	91	992100	56.126	ug/l	100
83) tert-Butylbenzene	11.76	119	1021597	58.816	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1067924	57.773	ug/l	99
85) sec-Butylbenzene	11.94	105	1245867	57.739	ug/l	100
86) p-Isopropyltoluene	12.06	119	1170693	57.978	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	603212	54.878	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	611919	54.515	ug/l	99
89) n-Butylbenzene	12.38	91	1059420	58.583	ug/l	100
90) Hexachloroethane	12.59	117	209230	59.335	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	594998	55.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85249	50.638	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021420\
Data File : VX014937.D
Acq On : 14 Feb 2020 09:28
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

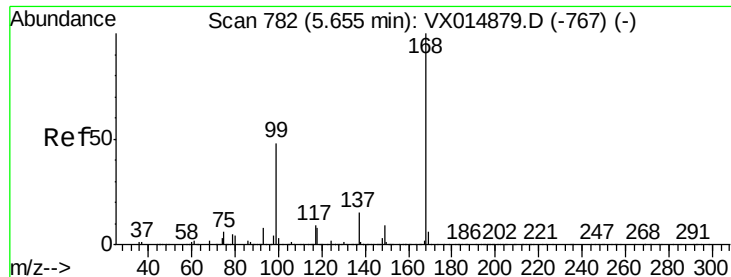
Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM

Quant Time: Feb 14 23:27:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	459063	57.698	ug/l	98
94) Hexachlorobutadiene	13.77	225	223927	58.189	ug/l	99
95) Naphthalene	13.83	128	1253805	59.269	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	441702	57.462	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 472956

Ion Ratio Lower Upper

168 100

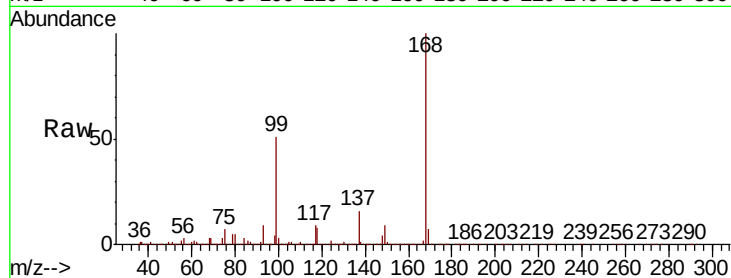
99 51.2 38.7 58.1

Manual Integrations

APPROVED

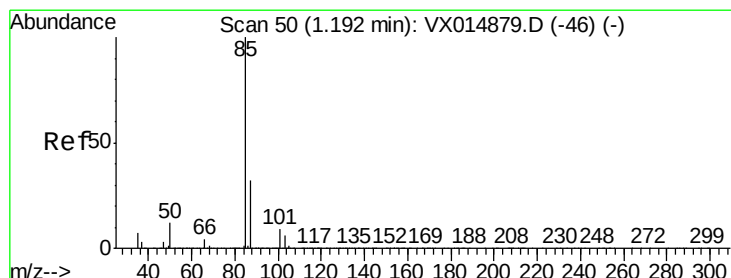
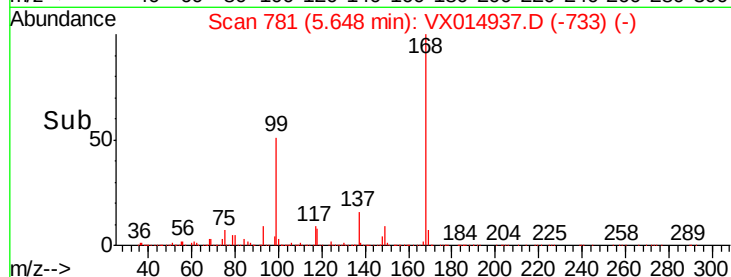
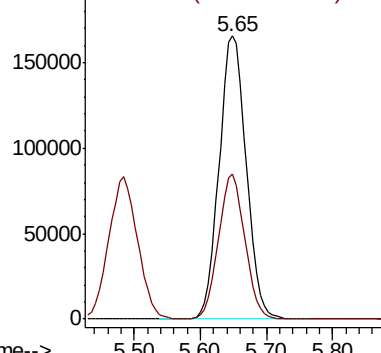
apatel

2/17/2020 4:25:10 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 57.044 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014937.D

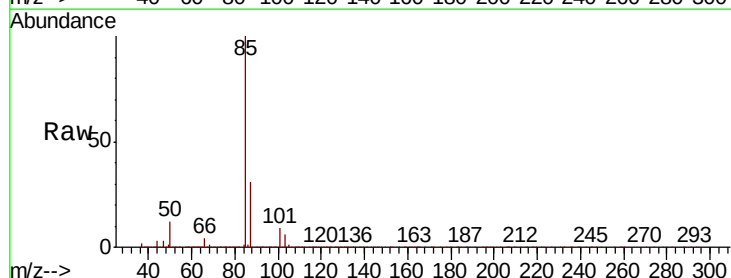
Acq: 14 Feb 2020 09:28

Tgt Ion: 85 Resp: 255498

Ion Ratio Lower Upper

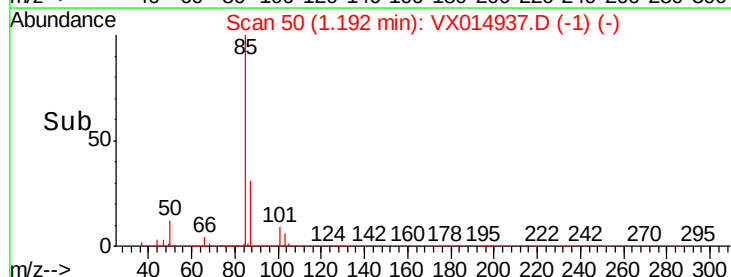
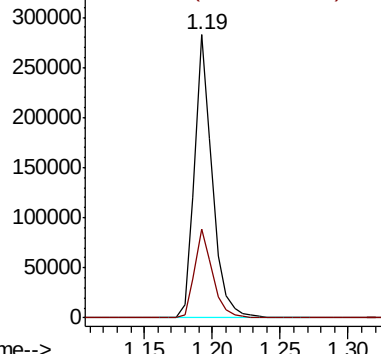
85 100

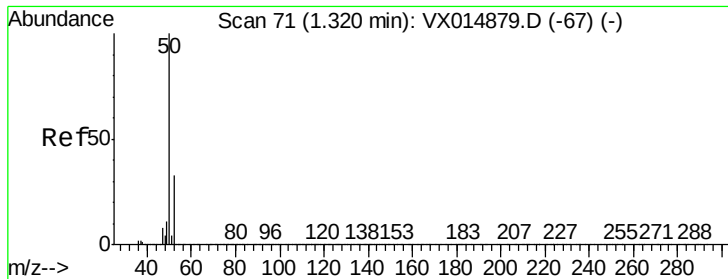
87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.469 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 271516

Ion Ratio Lower Upper

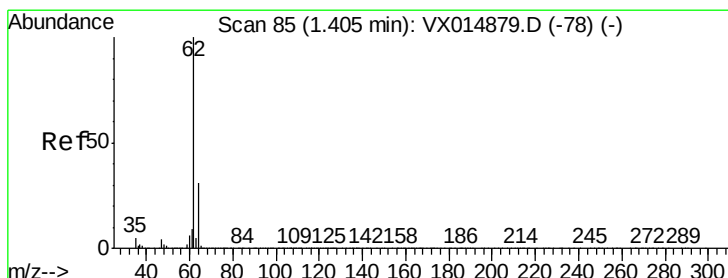
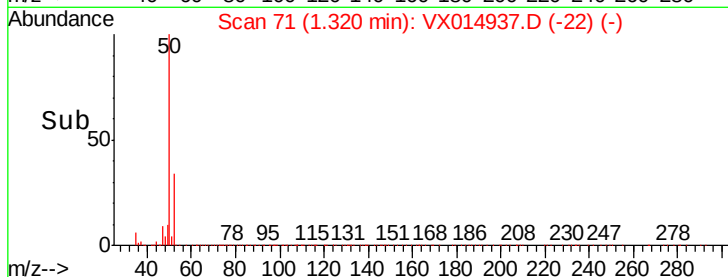
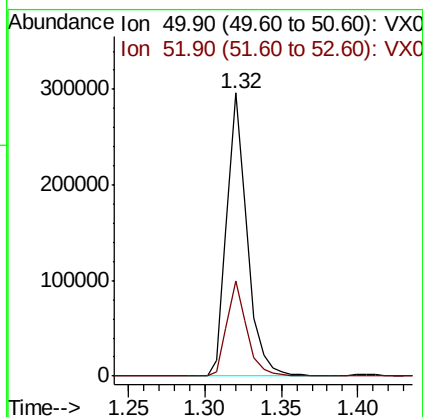
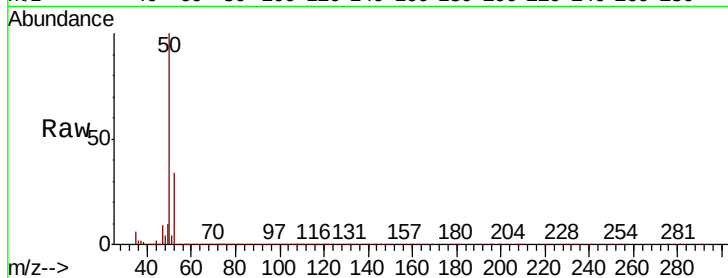
50 100

52 33.6 26.2 39.2

Manual Integrations
APPROVED

apatel

2/17/2020 4:25:10 PM



#4

Vinyl Chloride

Concen: 53.840 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014937.D

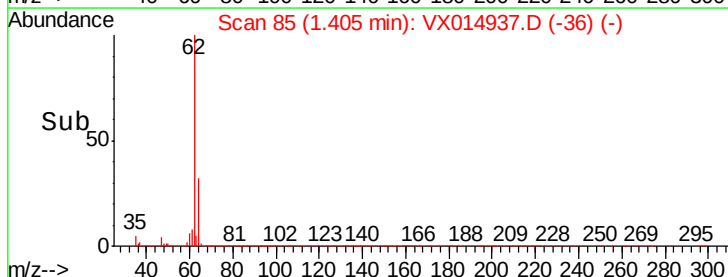
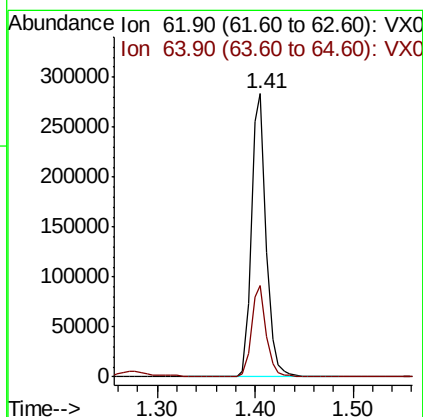
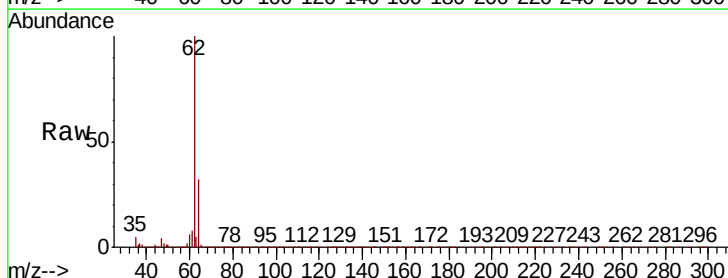
Acq: 14 Feb 2020 09:28

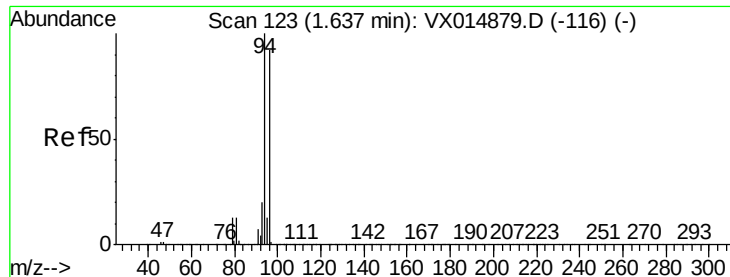
Tgt Ion: 62 Resp: 294521

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 54.080 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 191490

Ion Ratio Lower Upper

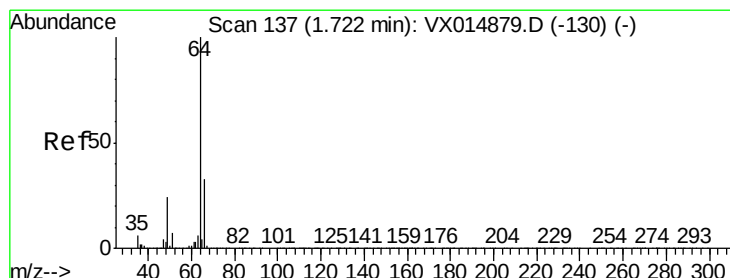
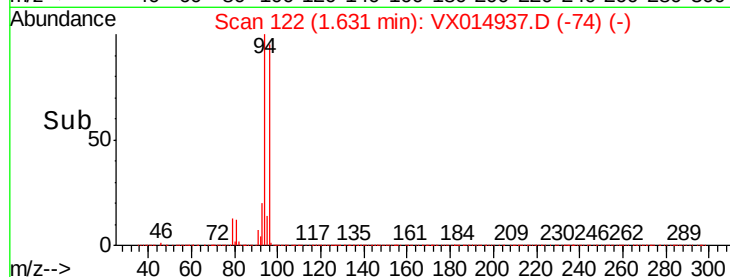
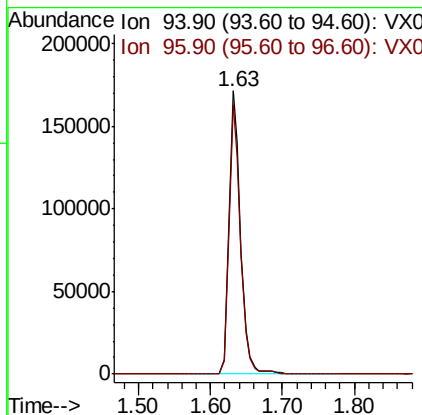
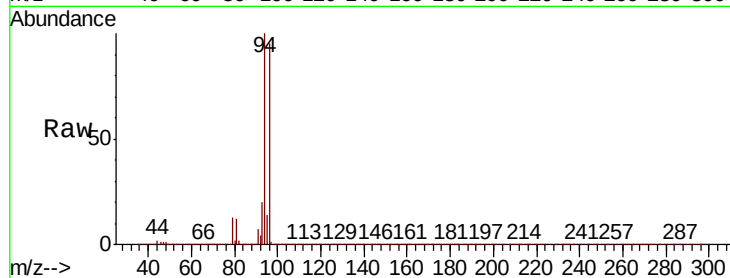
94 100

96 95.3 73.7 110.5

Manual Integrations
APPROVED

apatel

2/17/2020 4:25:10 PM



#6

Chloroethane

Concen: 52.413 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014937.D

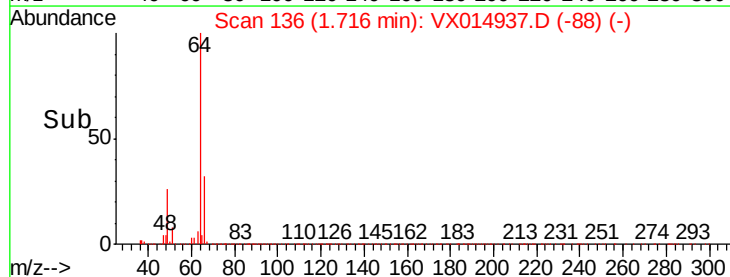
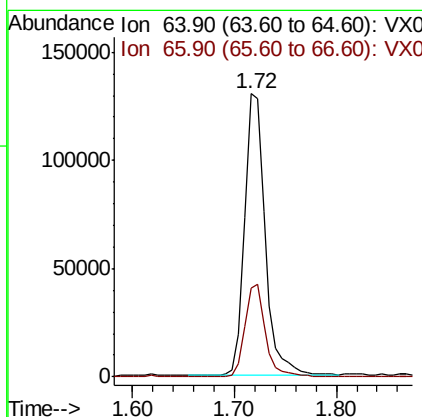
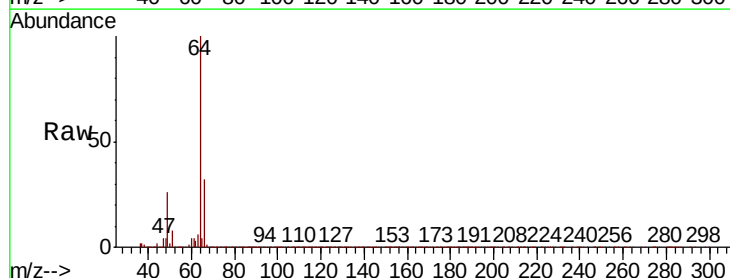
Acq: 14 Feb 2020 09:28

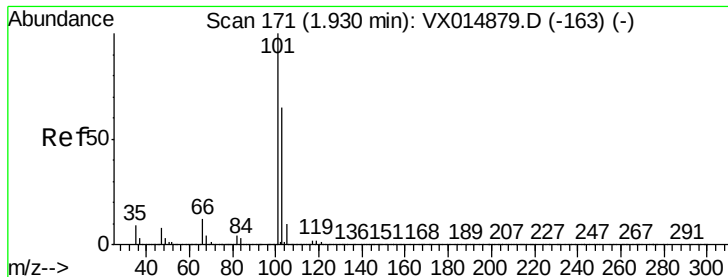
Tgt Ion: 64 Resp: 183455

Ion Ratio Lower Upper

64 100

66 31.5 26.2 39.4





#7

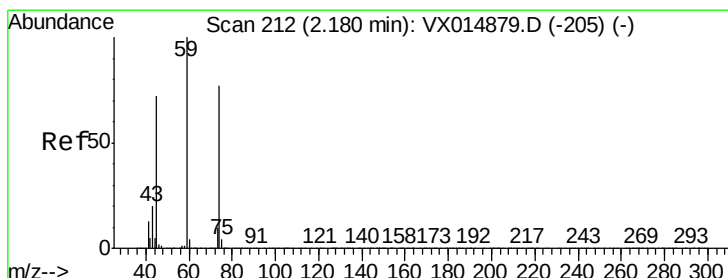
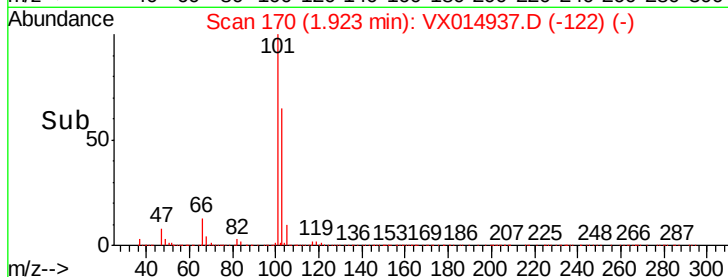
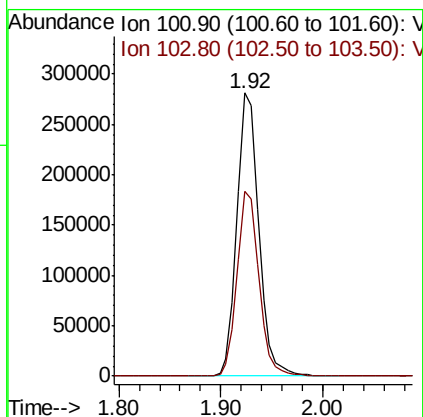
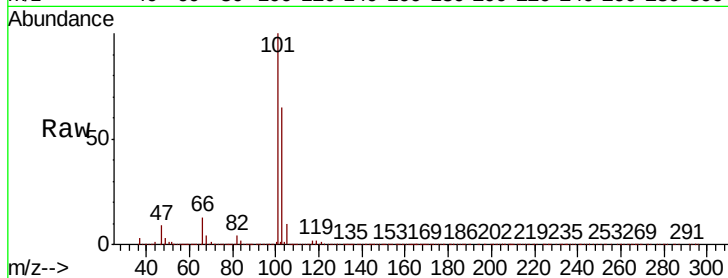
Trichlorofluoromethane
Concen: 54.262 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.2	78.4

Manual Integrations
APPROVED

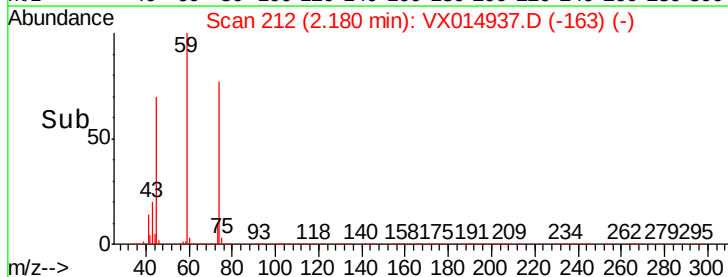
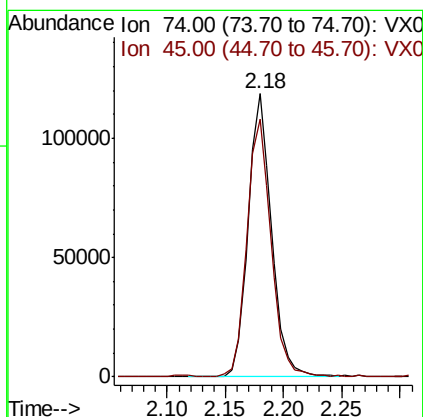
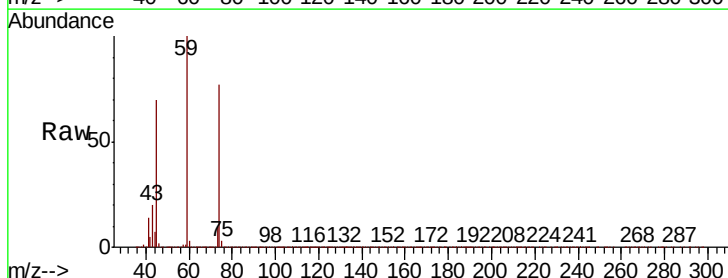
apatel
2/17/2020 4:25:10 PM

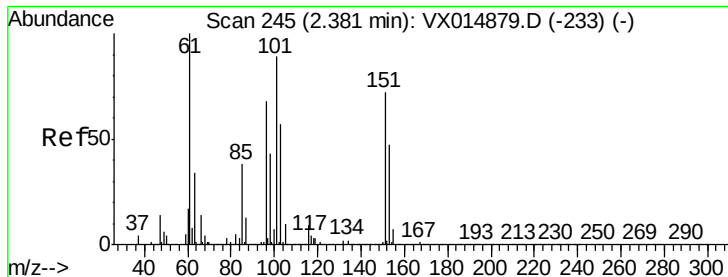


#8

Diethyl Ether
Concen: 52.469 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.683 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

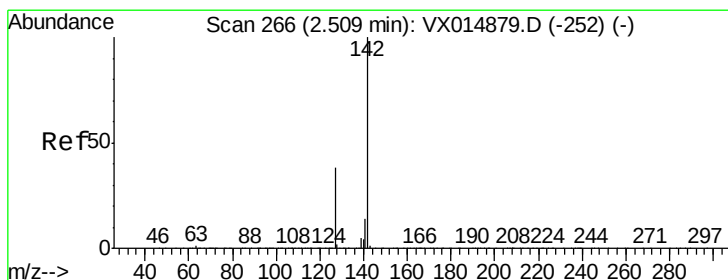
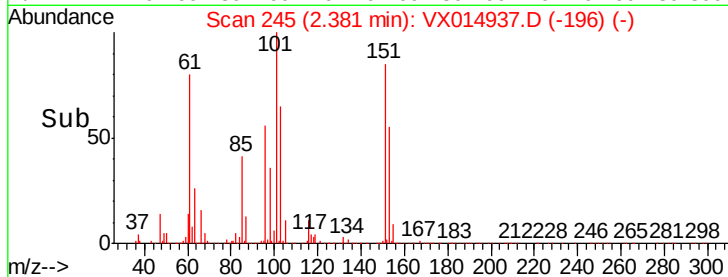
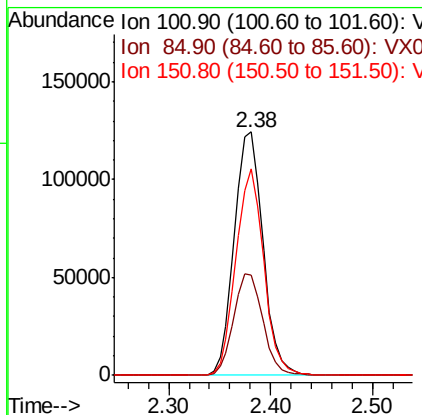
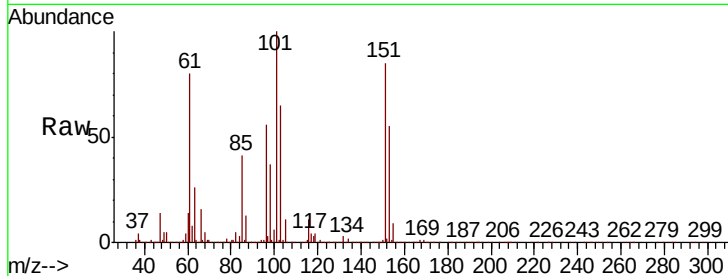
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	242595
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.1	51.1
151	82.7	67.3	100.9

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#10

Methyl Iodide

Concen: 57.795 ug/l

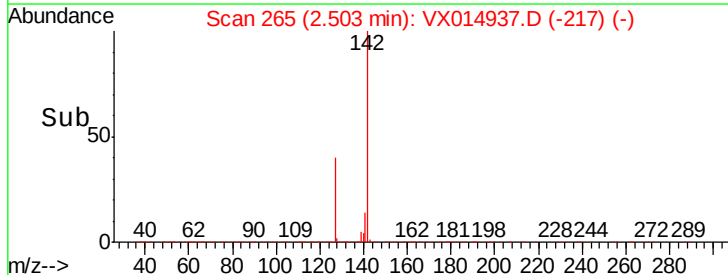
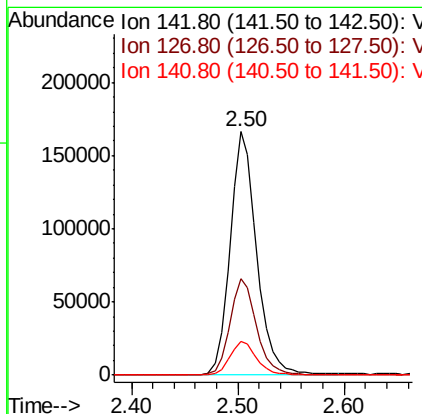
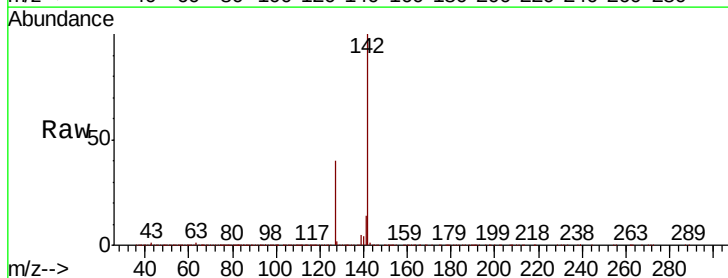
RT: 2.50 min Scan# 265

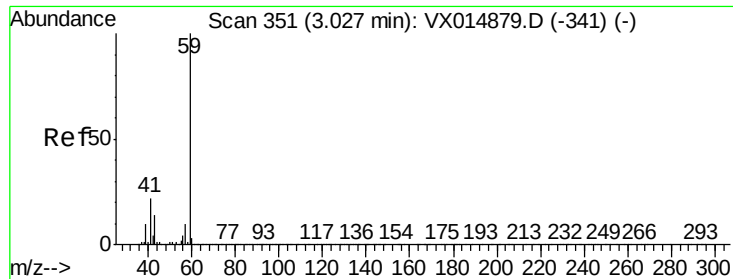
Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	142	Resp:	289534
Ion Ratio	Lower	Upper	
142	100		
127	40.1	31.1	46.7
141	14.0	11.3	16.9





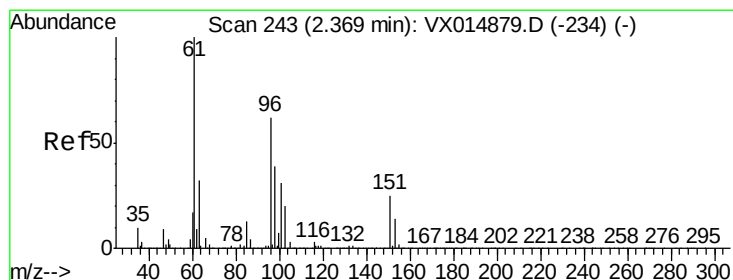
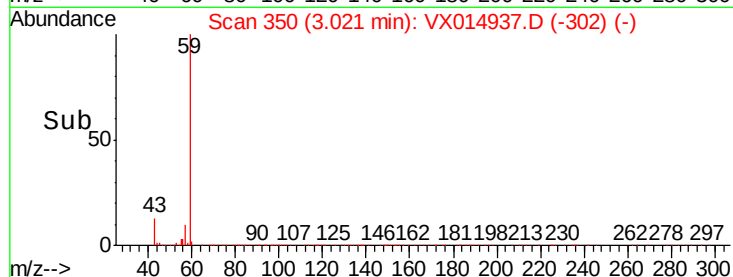
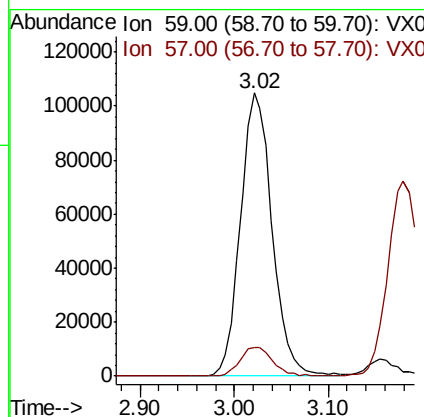
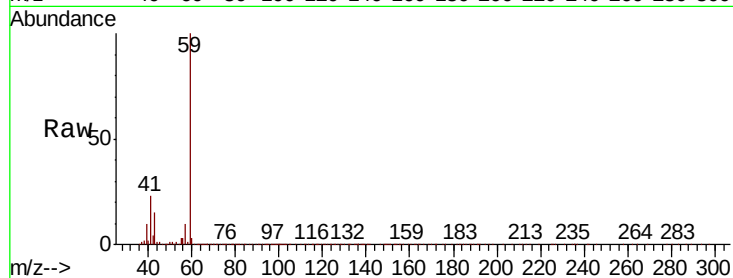
#11
Tert butyl alcohol
Concen: 259.709 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 244760
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

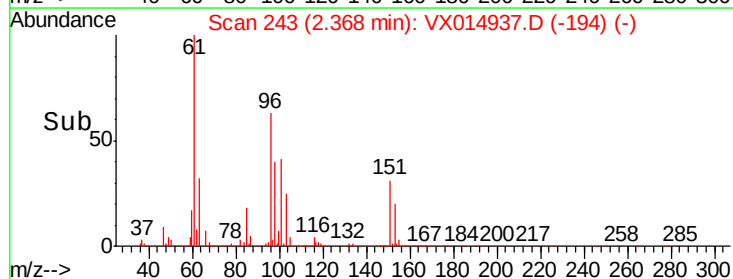
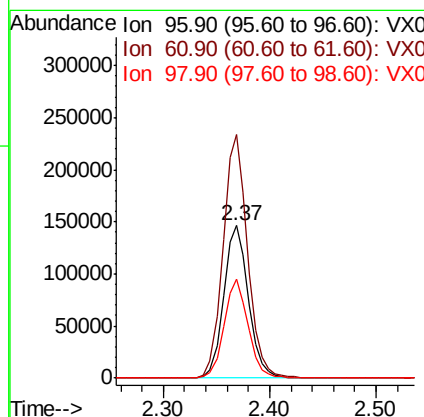
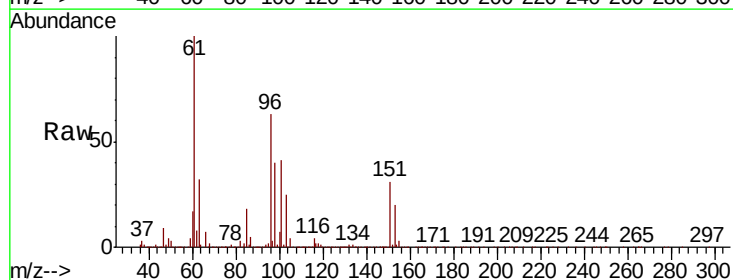
Manual Integrations
APPROVED

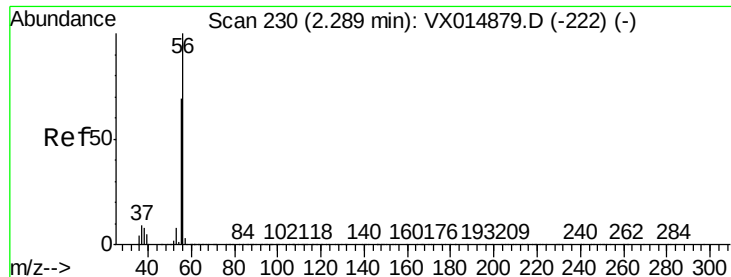
apatel
2/17/2020 4:25:10 PM



#12
1,1-Dichloroethene
Concen: 54.140 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 96 Resp: 234703
Ion Ratio Lower Upper
96 100
61 160.0 129.5 194.3
98 64.6 50.6 76.0





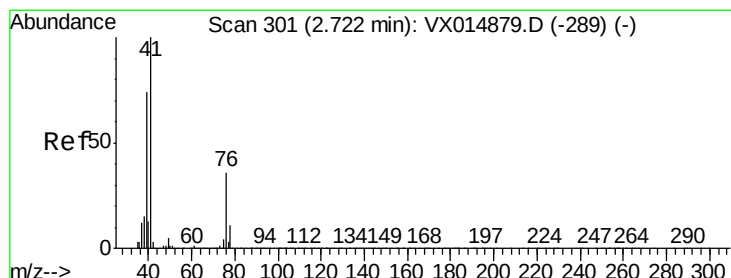
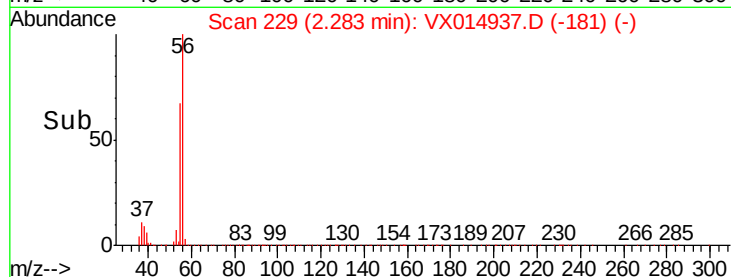
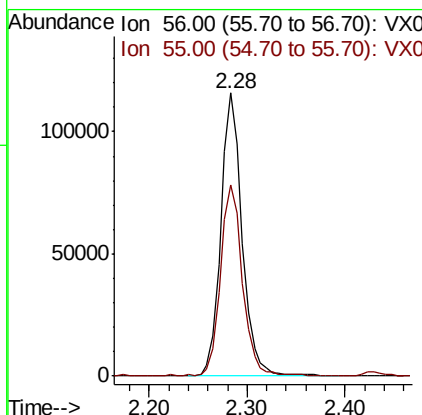
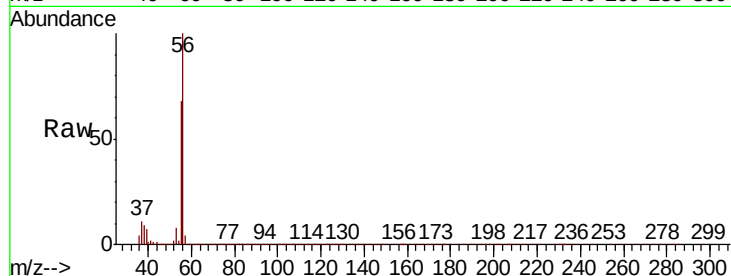
#13
Acrolein
Concen: 241.220 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	55.0	82.4

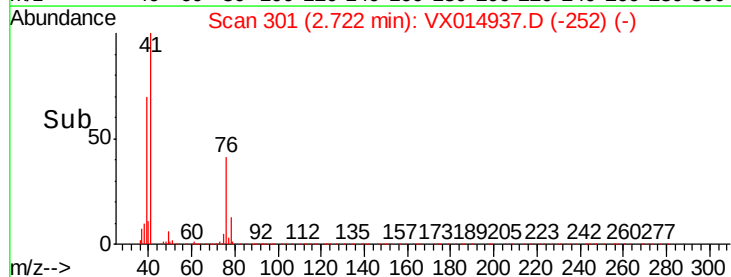
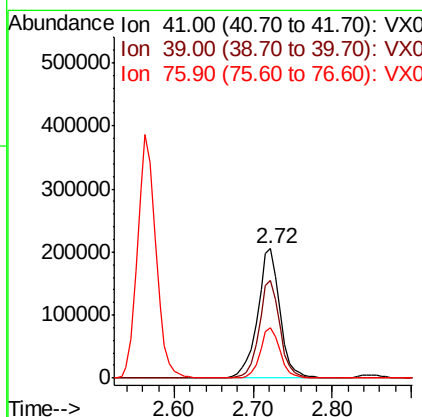
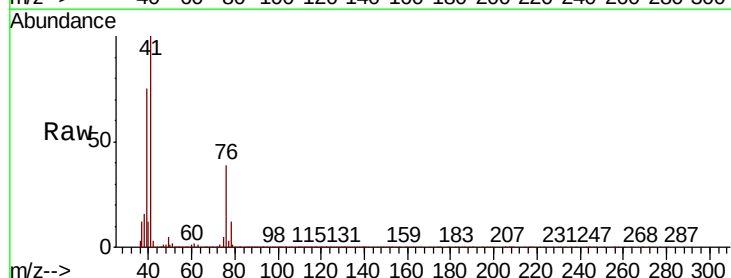
Manual Integrations
APPROVED

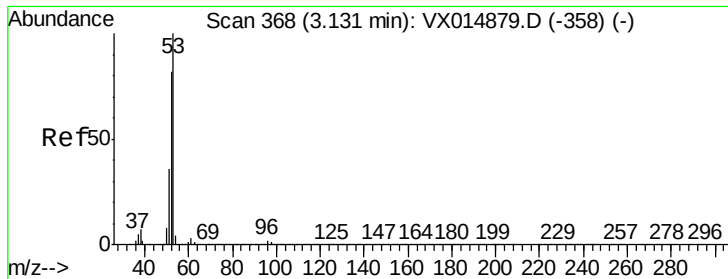
apatel
2/17/2020 4:25:10 PM



#14
Allyl chloride
Concen: 52.302 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.8	55.2	82.8
76	34.7	26.8	40.2





#15

Acrylonitrile

Concen: 260.070 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

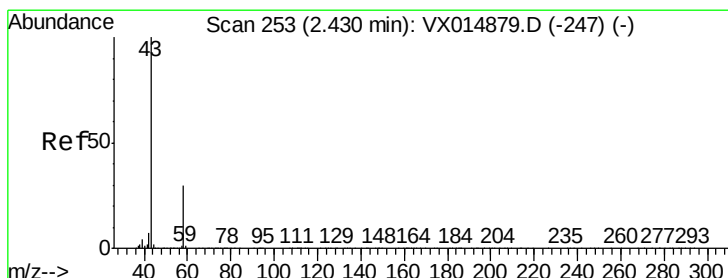
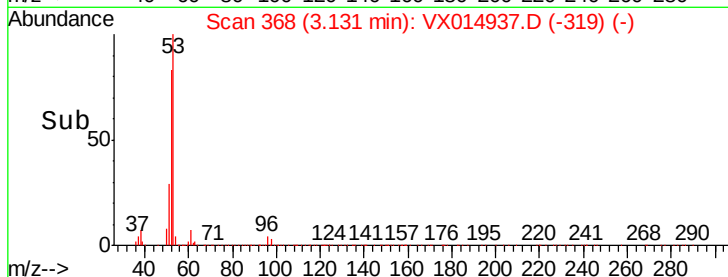
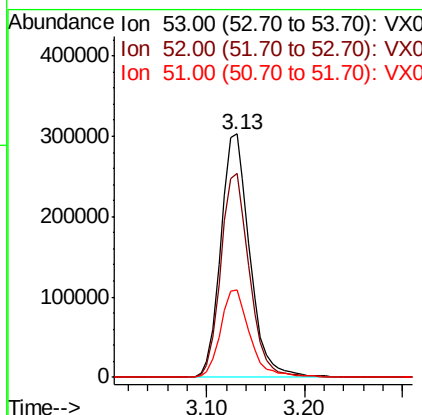
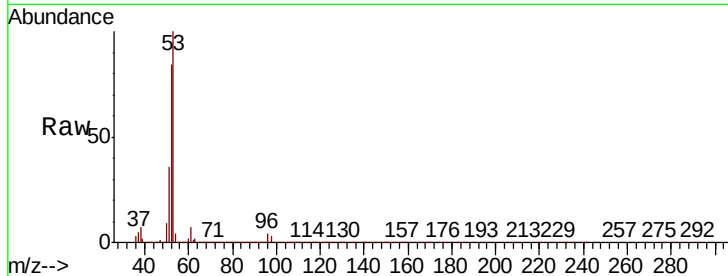
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	621350
Ion Ratio		Lower	Upper
53	100		
52	82.8	65.8	98.6
51	36.5	29.1	43.7

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#16

Acetone

Concen: 298.193 ug/l

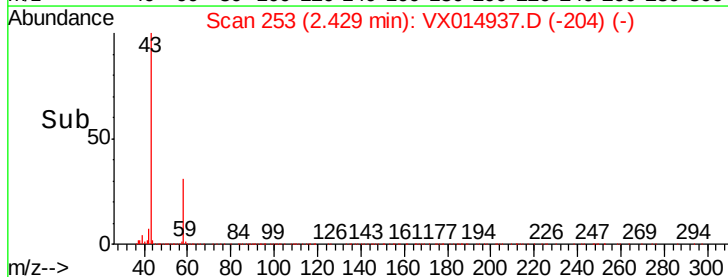
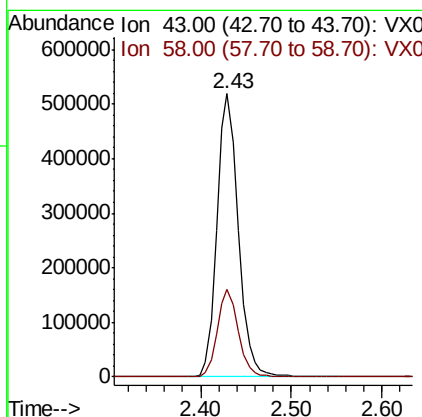
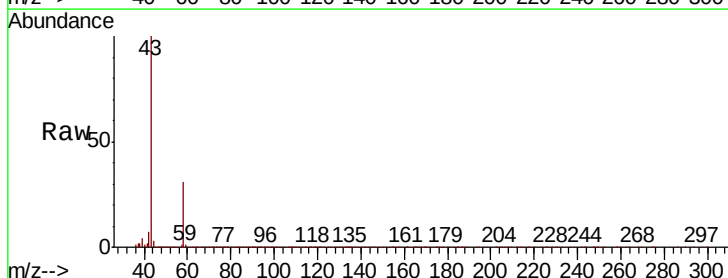
RT: 2.43 min Scan# 253

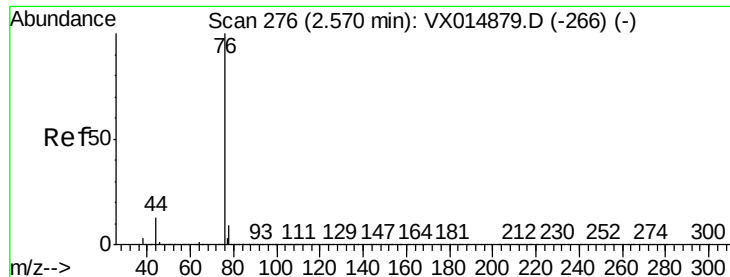
Delta R.T. 0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	43	Resp:	848956
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.1	36.1





#17

Carbon Disulfide

Concen: 51.886 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 628465

Ion Ratio Lower Upper

76 100

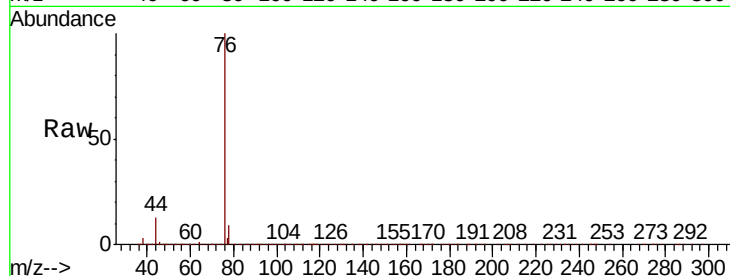
78 8.9 7.4 11.0

Manual Integrations

APPROVED

apatel

2/17/2020 4:25:10 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

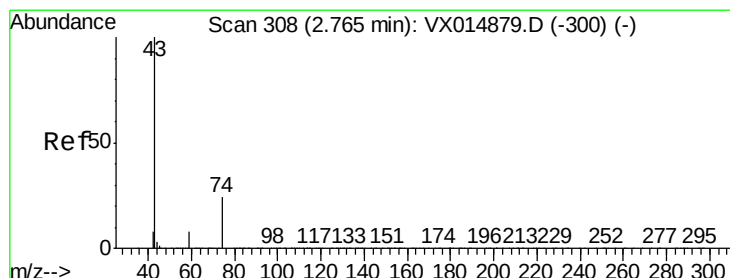
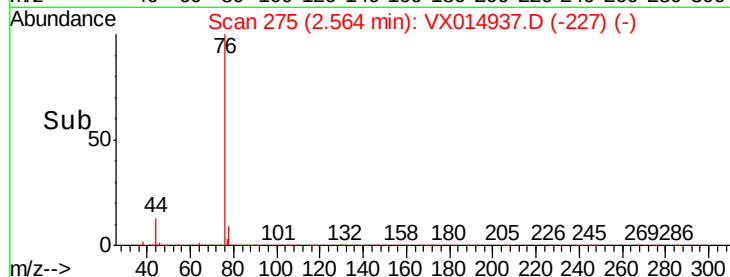
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 53.433 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014937.D

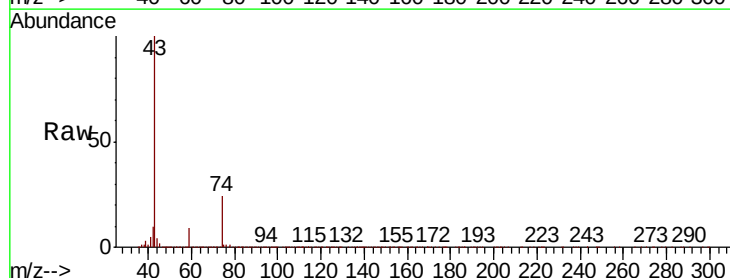
Acq: 14 Feb 2020 09:28

Tgt Ion: 43 Resp: 287248

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

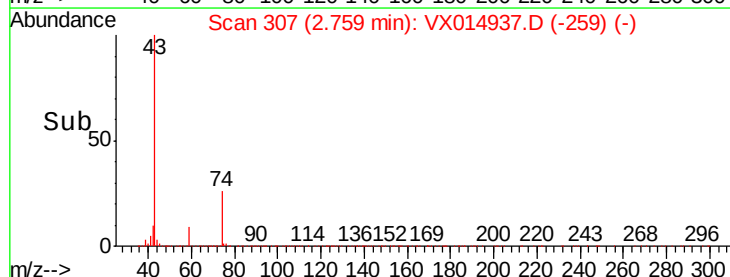
150000

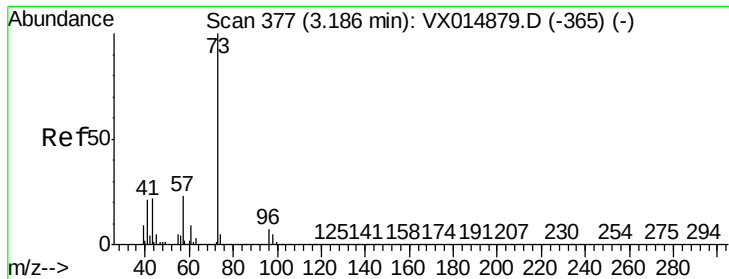
100000

50000

0

Time-->





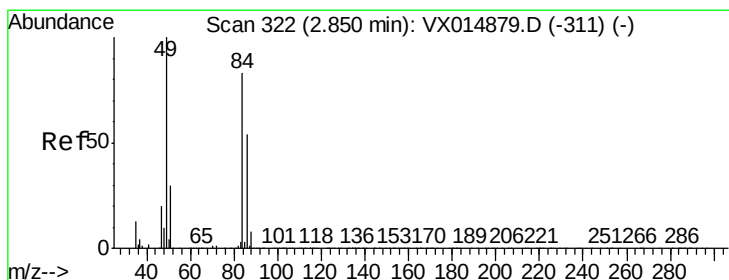
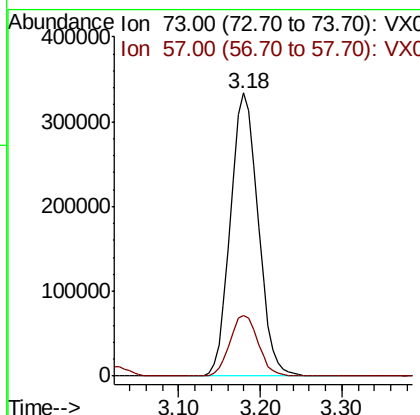
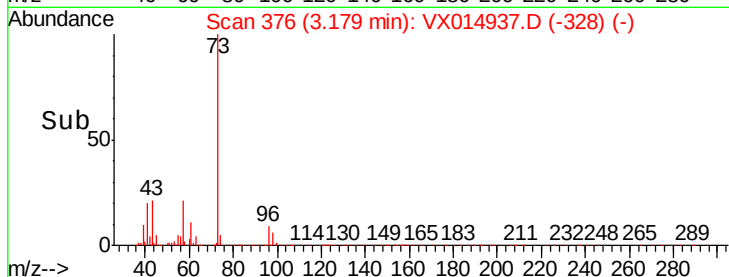
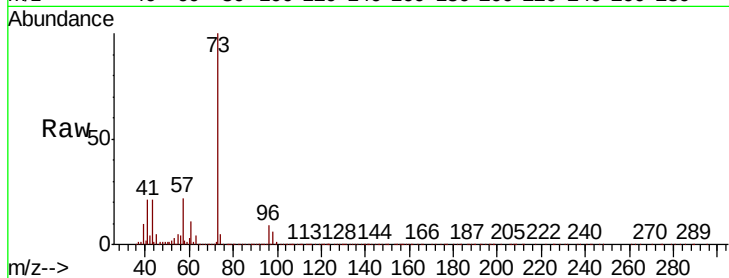
#19
Methyl tert-butyl Ether
Concen: 55.387 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.2	27.4

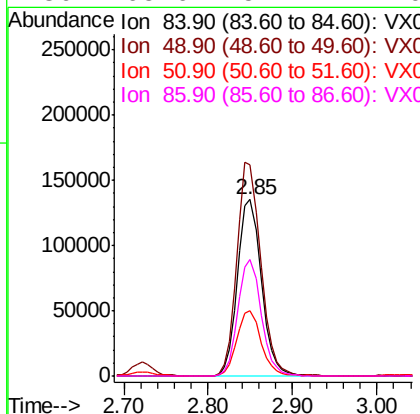
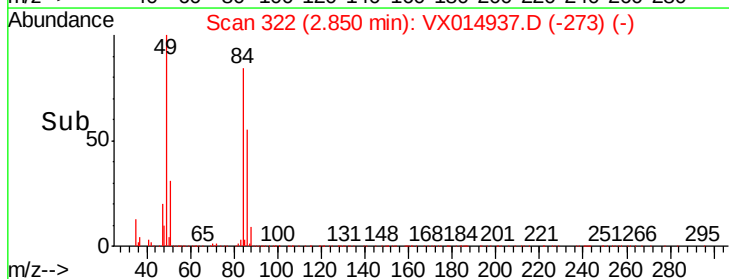
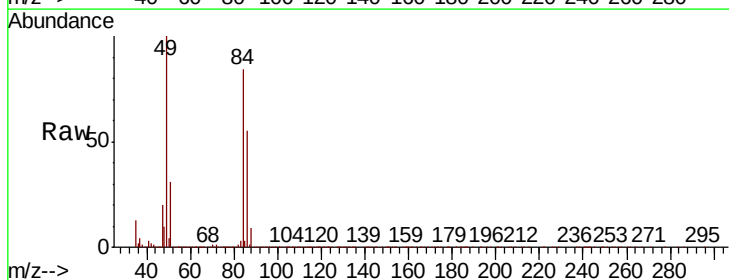
Manual Integrations
APPROVED

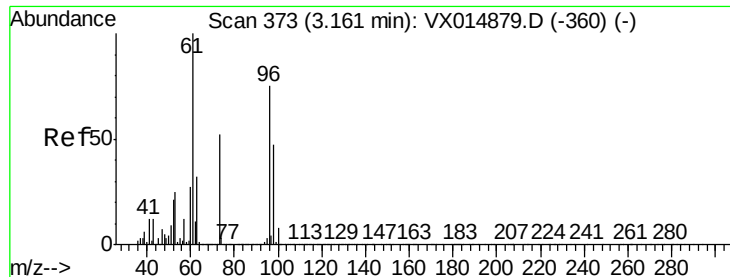
apatel
2/17/2020 4:25:10 PM



#20
Methylene Chloride
Concen: 50.410 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.2	95.6	143.4
51	37.0	29.0	43.6
86	65.6	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 52.502 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

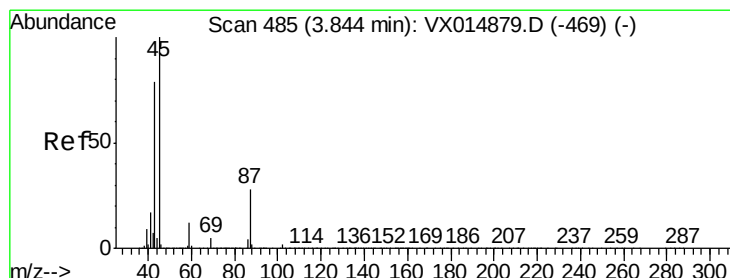
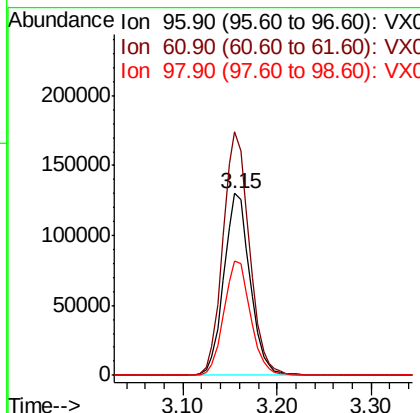
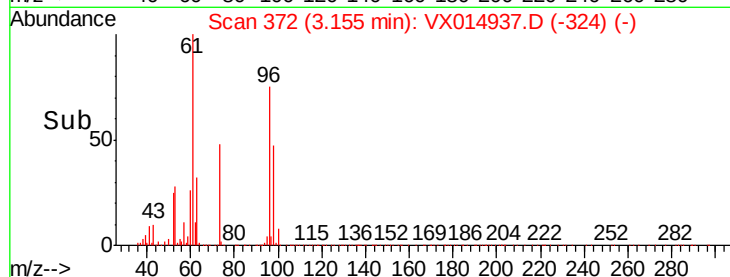
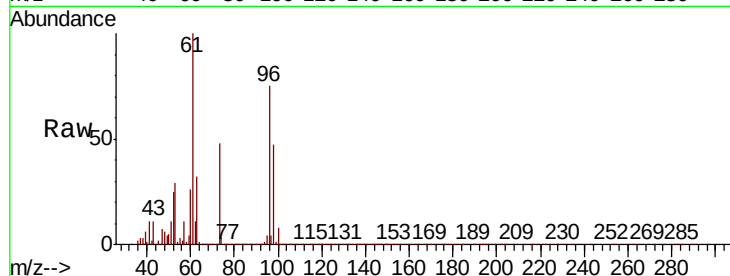
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	251142
Ion Ratio	Lower	Upper	
96	100		
61	133.9	106.9	160.3
98	63.1	50.7	76.1

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#22

Diisopropyl ether

Concen: 54.914 ug/l

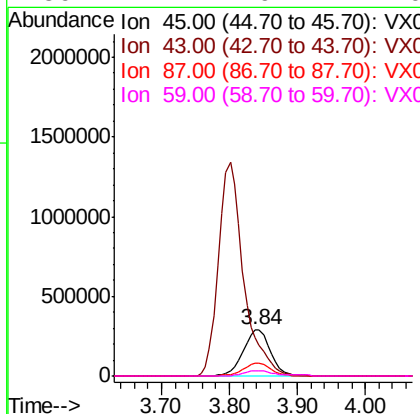
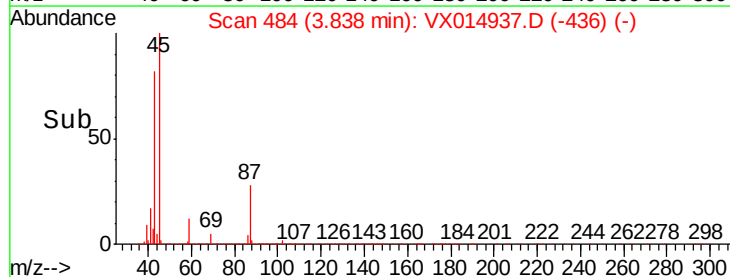
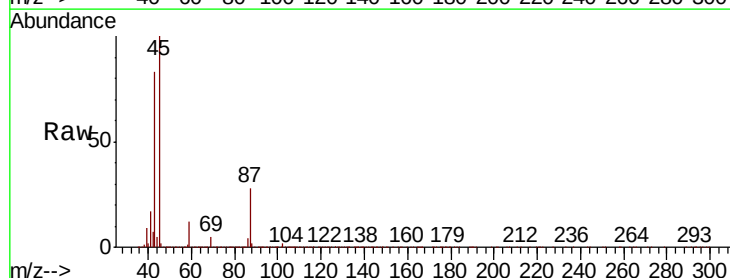
RT: 3.84 min Scan# 484

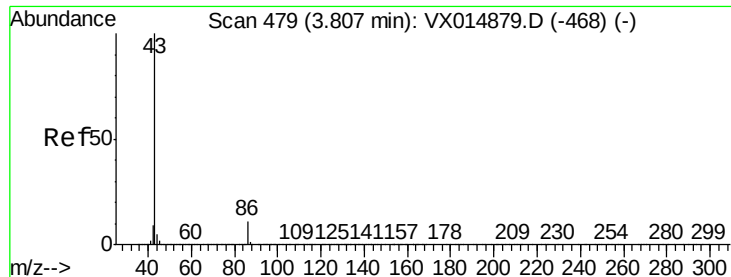
Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	45	Resp:	806118
Ion Ratio	Lower	Upper	
45	100		
43	82.5	63.5	95.3
87	28.2	22.2	33.4
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 285.789 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3458376

Ion Ratio Lower Upper

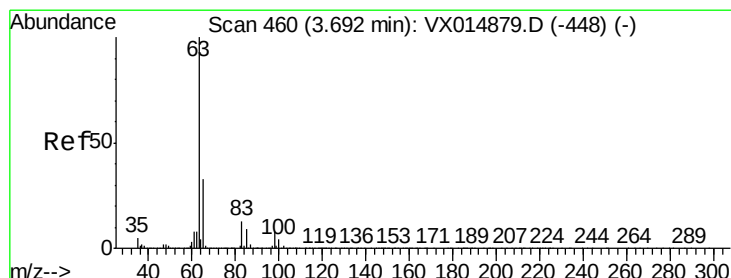
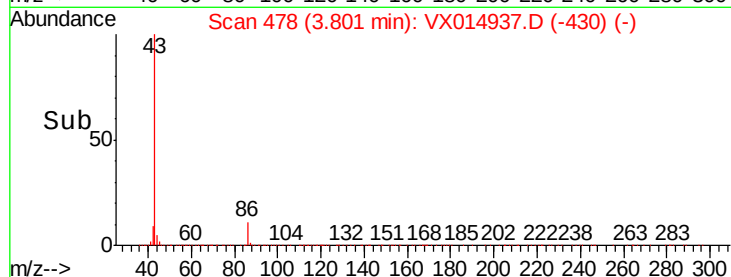
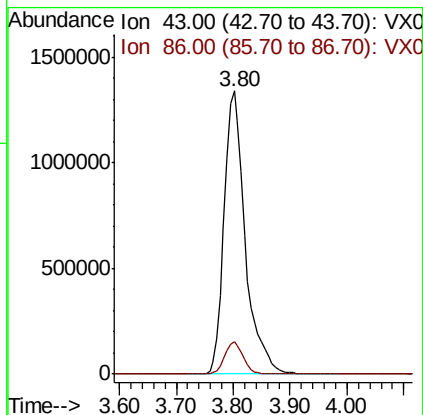
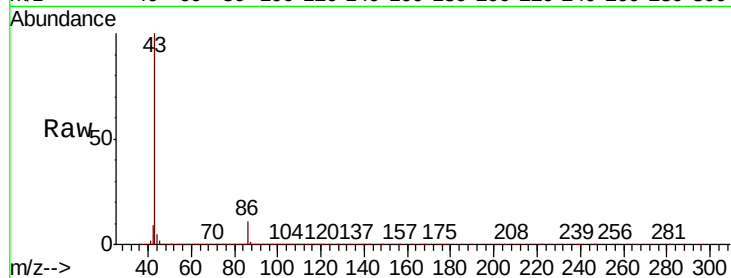
43 100

86 11.5 8.9 13.3

Manual Integrations
APPROVED

apatel

2/17/2020 4:25:10 PM



#24

1,1-Dichloroethane

Concen: 53.600 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

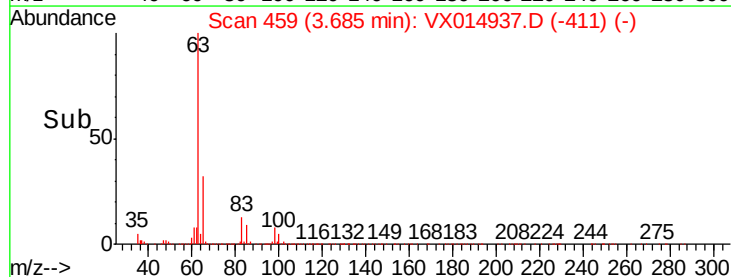
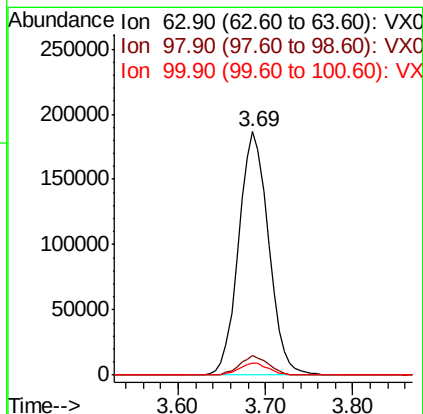
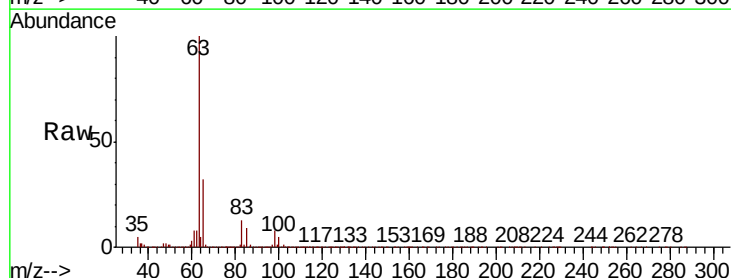
Tgt Ion: 63 Resp: 444065

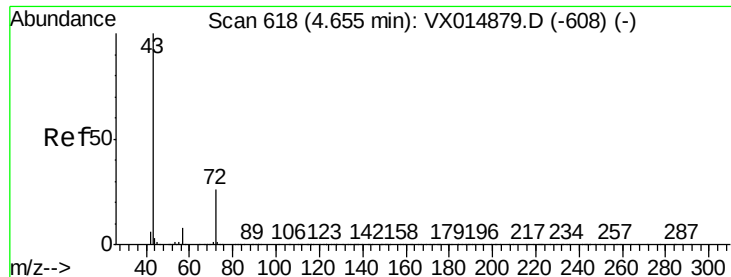
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 281.526 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tot Ion: 43 Resp: 1023031

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

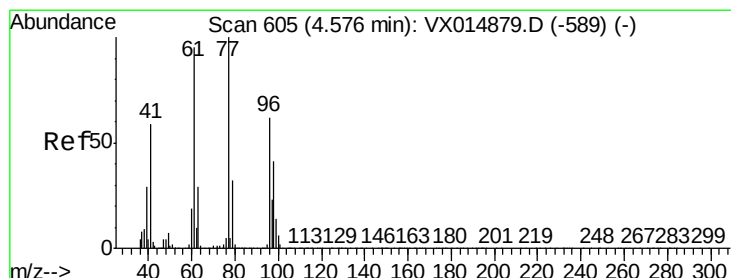
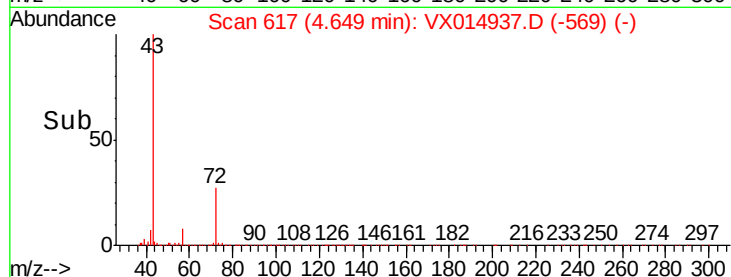
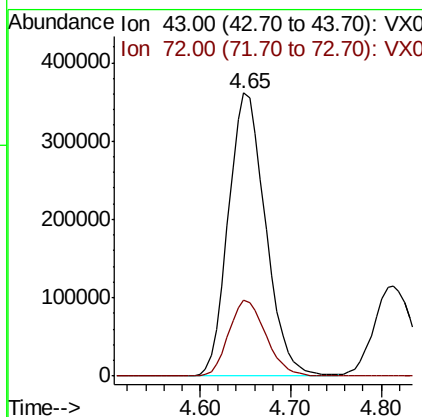
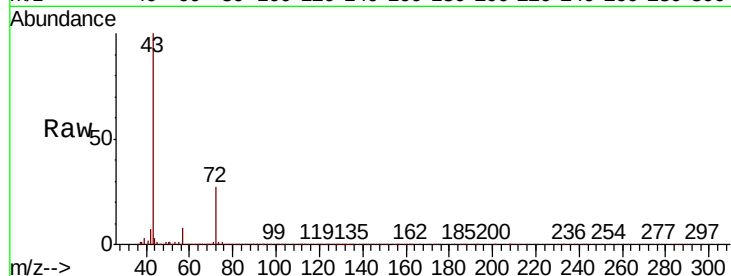
VSTDCCC050

Manual Integrations

APPROVED

apatel

2/17/2020 4:25:10 PM



#26

2,2-Dichloropropane

Concen: 54.785 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014937.D

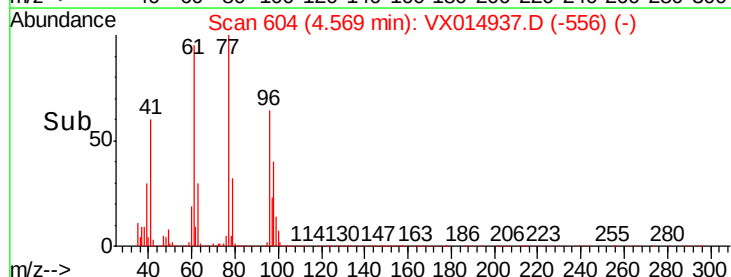
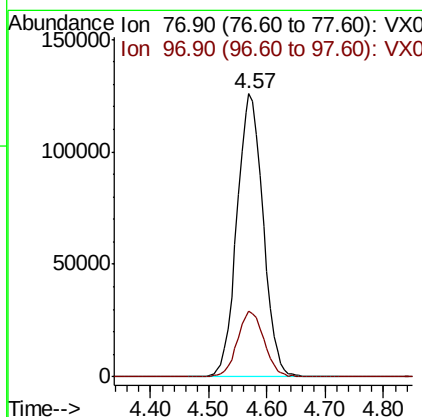
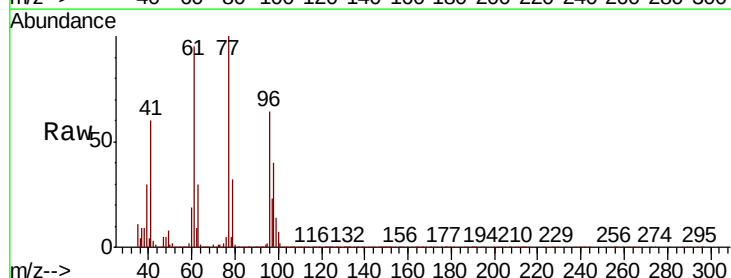
Acq: 14 Feb 2020 09:28

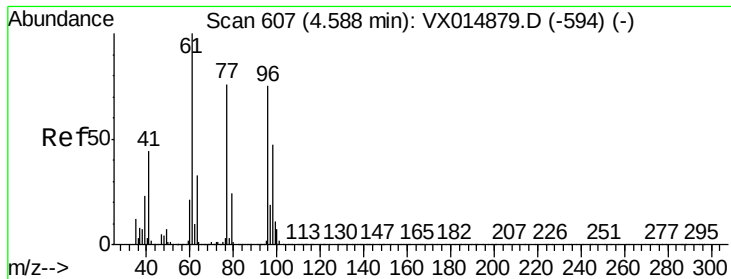
Tgt Ion: 77 Resp: 391160

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

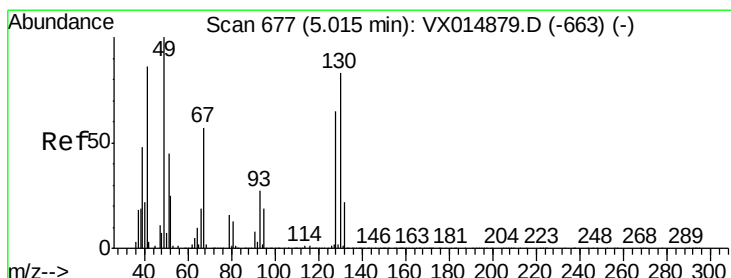
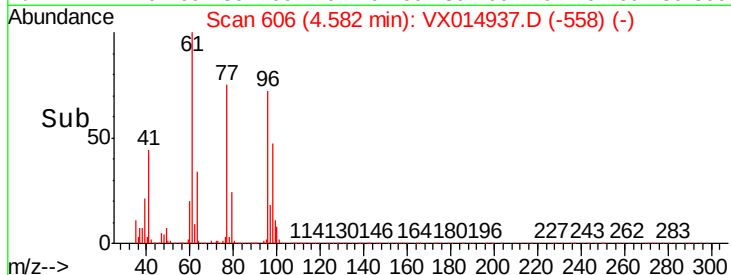
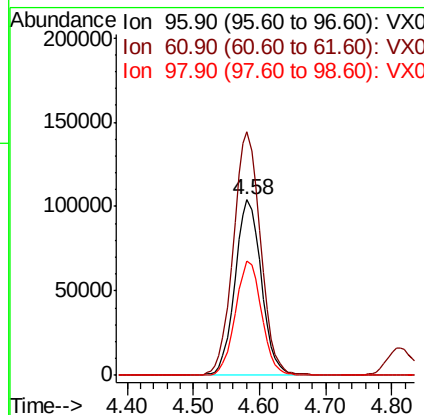
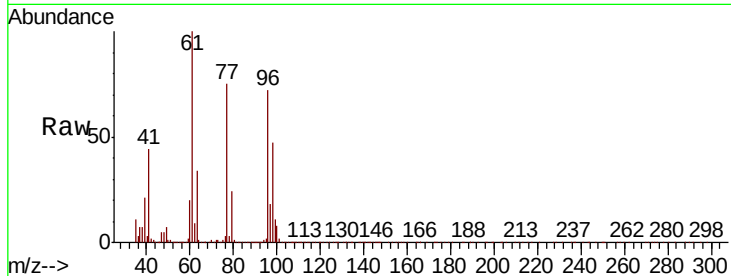
cis-1,2-Dichloroethene
Concen: 53.676 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	287012		
61	143.1	0.0	286.2	
98	64.8	0.0	131.0	

Manual Integrations
APPROVED

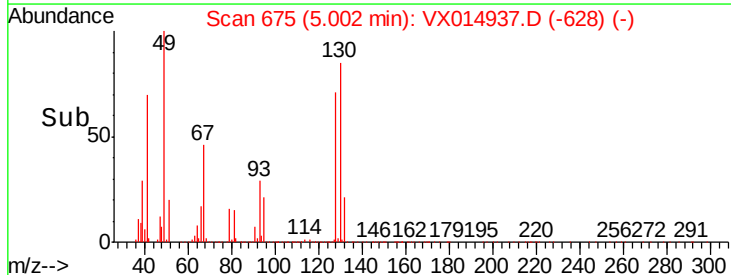
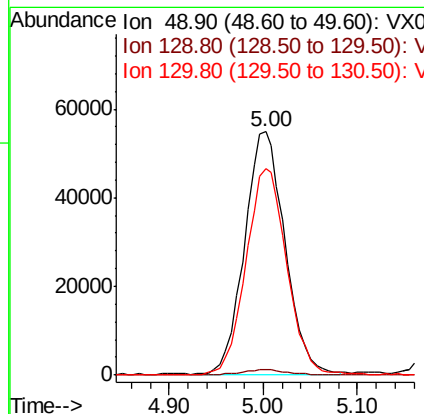
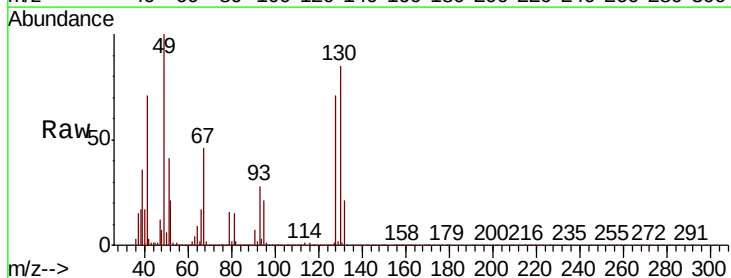
apatel
2/17/2020 4:25:10 PM

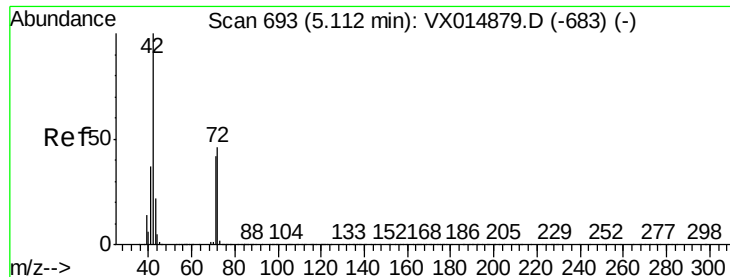


#28

Bromochloromethane
Concen: 51.128 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164187		
129	2.4	0.0	5.2	
130	85.5	67.4	101.2	





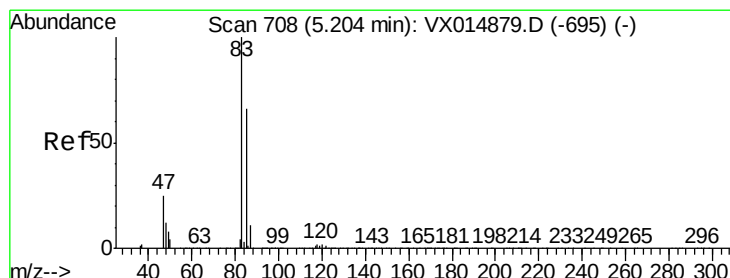
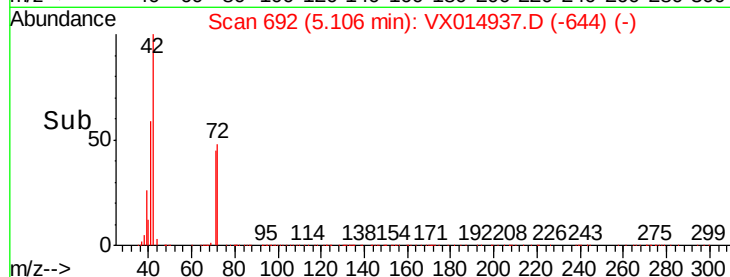
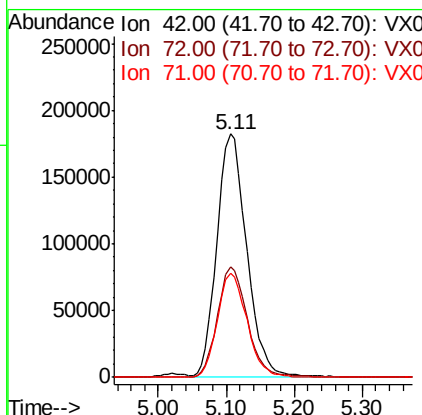
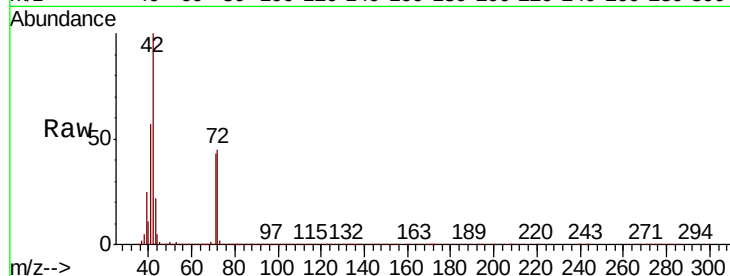
#29
Tetrahydrofuran
Concen: 267.150 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.9	55.3
71	42.4	34.1	51.1

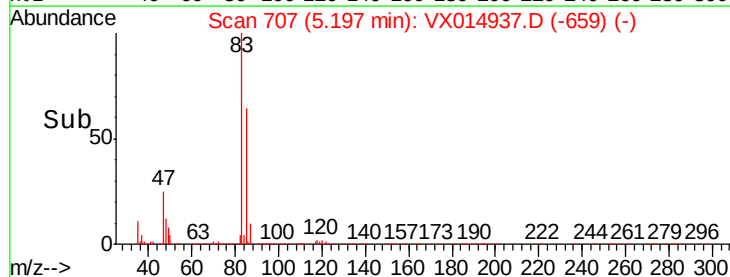
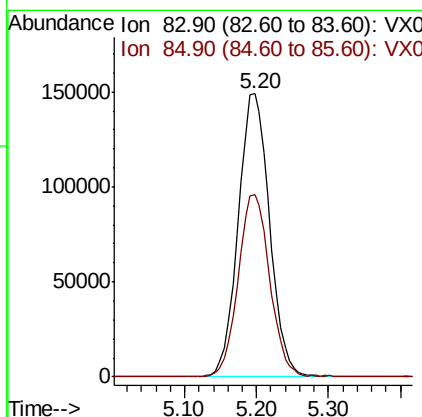
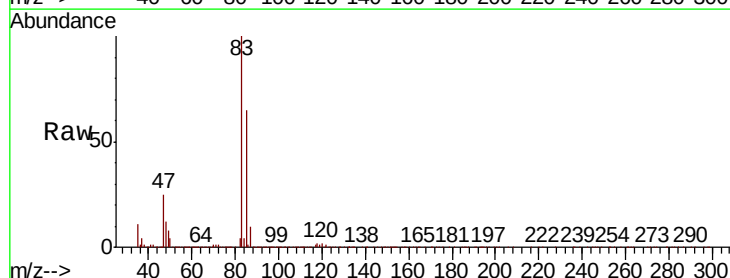
Manual Integrations
APPROVED

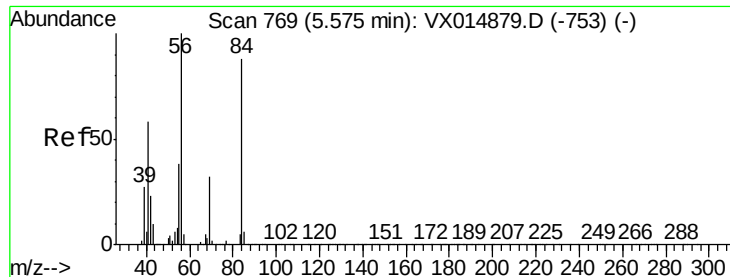
apatel
2/17/2020 4:25:10 PM



#30
Chloroform
Concen: 54.678 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.9	79.3





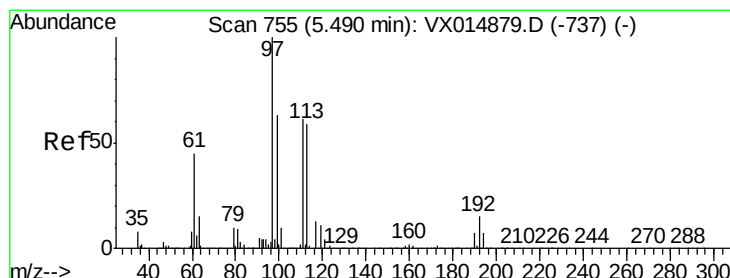
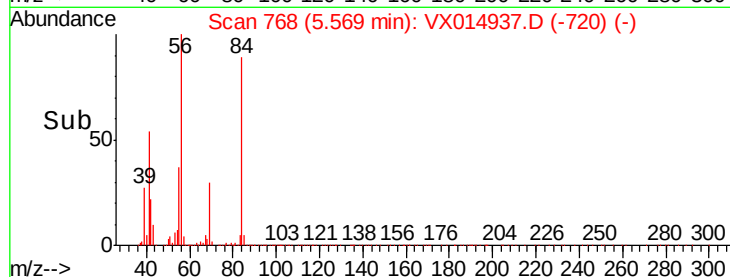
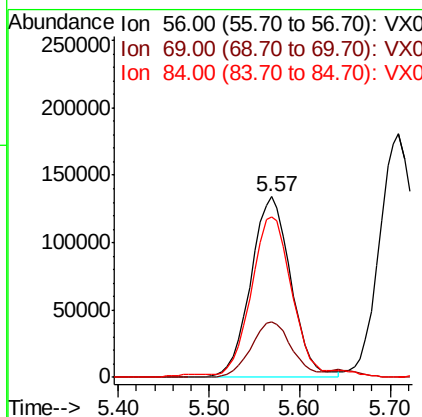
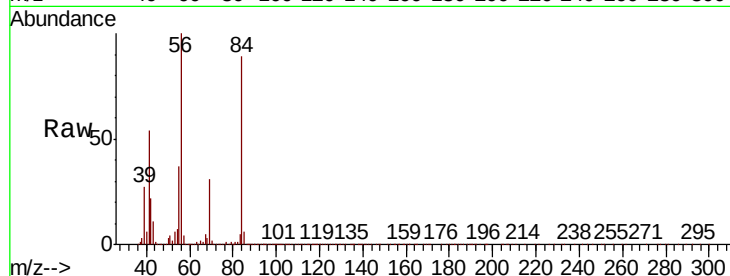
#31
Cyclohexane
Concen: 54.427 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.9	38.9
84	87.1	70.4	105.6

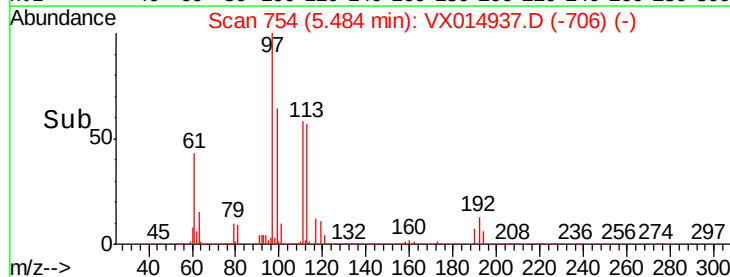
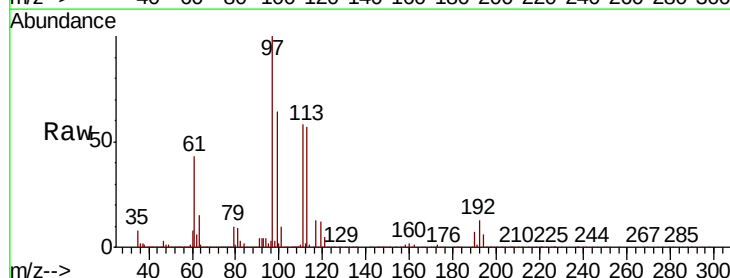
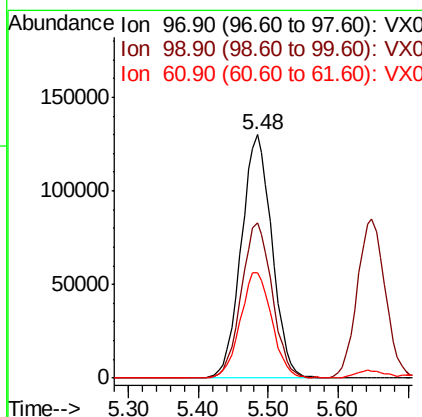
Manual Integrations
APPROVED

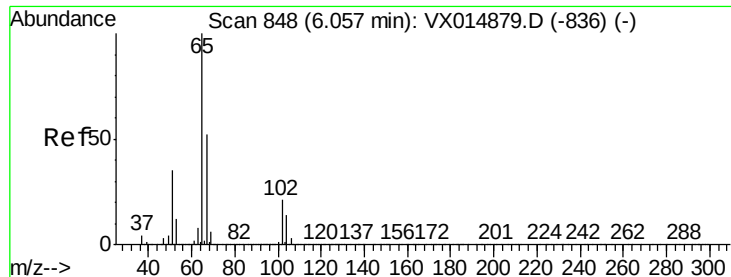
apatel
2/17/2020 4:25:10 PM



#32
1,1,1-Trichloroethane
Concen: 54.911 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	44.3	36.3	54.5





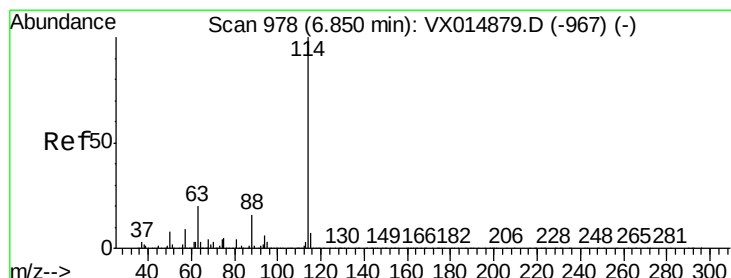
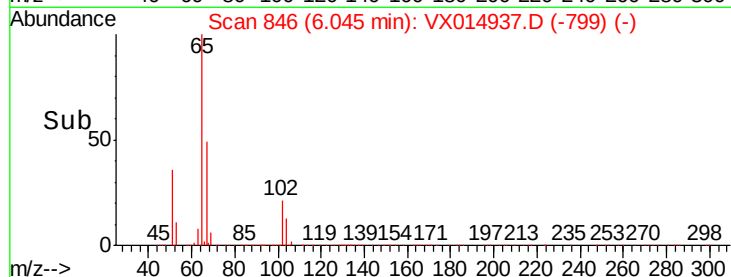
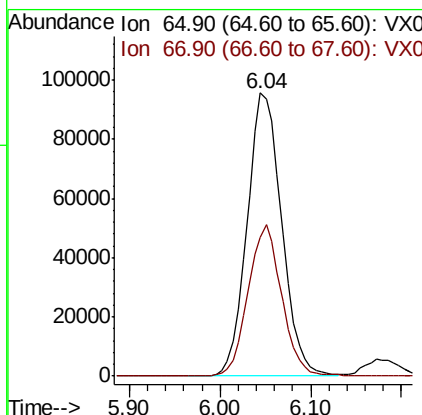
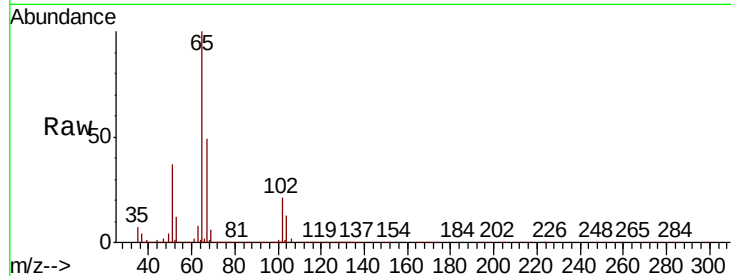
#33
 1,2-Dichloroethane-d4
 Concen: 47.280 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252368		
67	51.4	0.0	103.0	

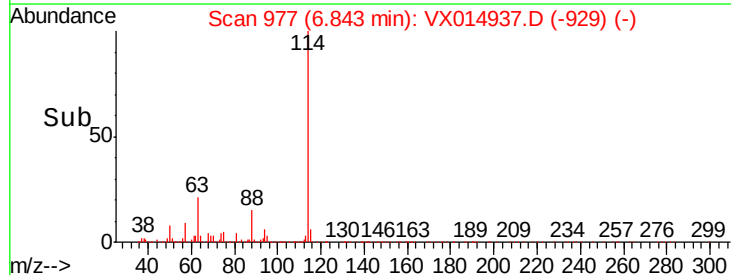
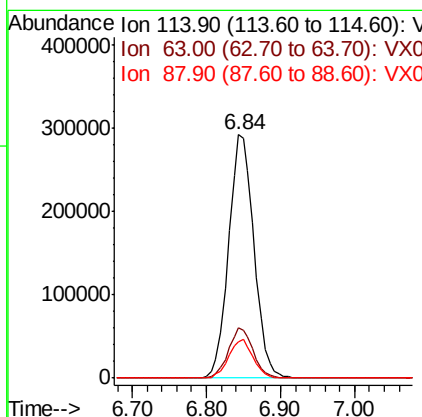
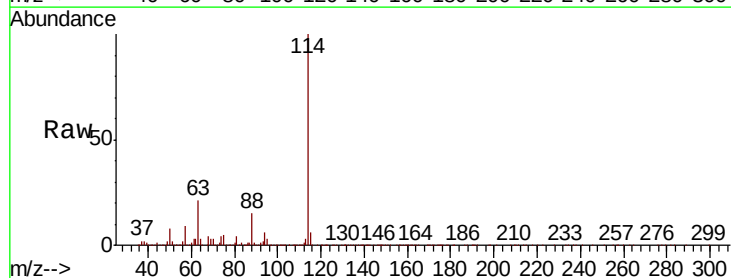
Manual Integrations
 APPROVED

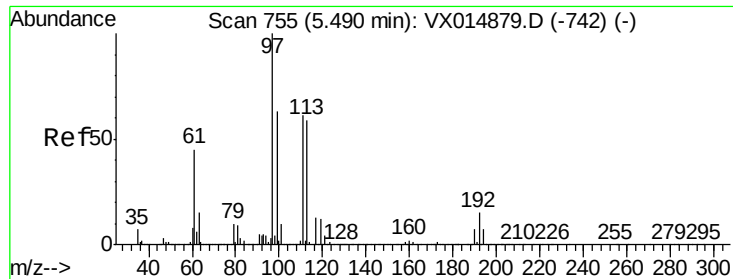
apatel
 2/17/2020 4:25:10 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	692575		
63	20.5	0.0	39.2	
88	15.0	0.0	32.0	





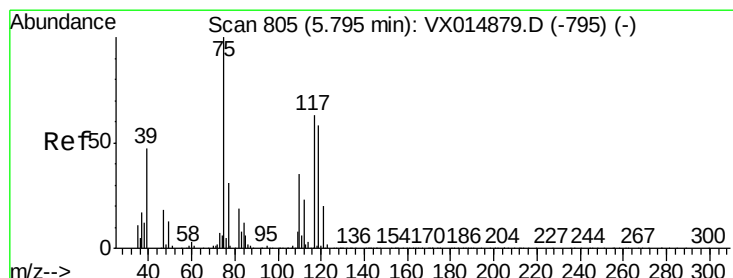
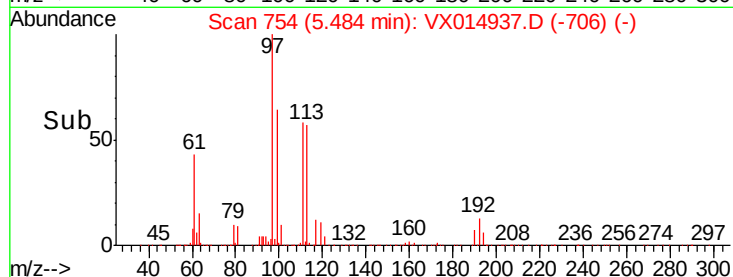
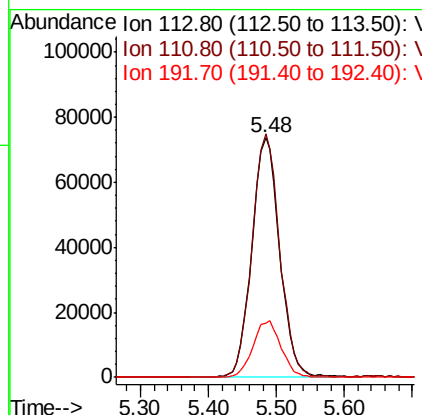
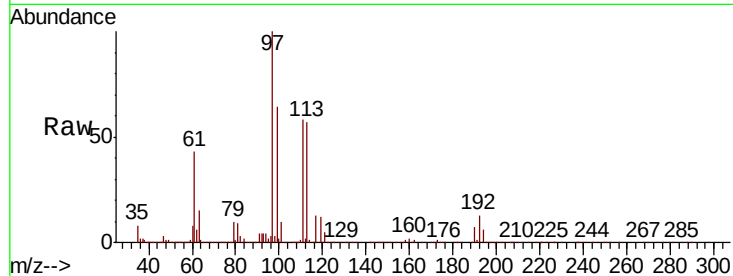
#35
Dibromofluoromethane
Concen: 49.283 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	209835		
111	101.4	82.4	123.6	
192	24.1	19.1	28.7	

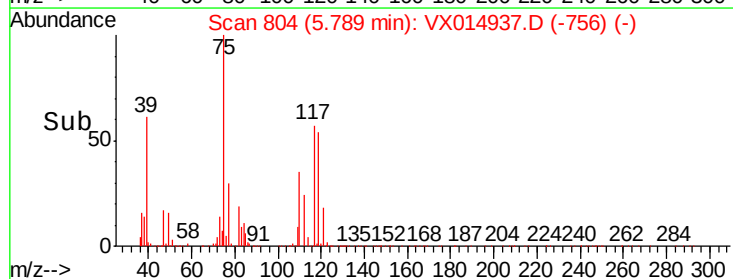
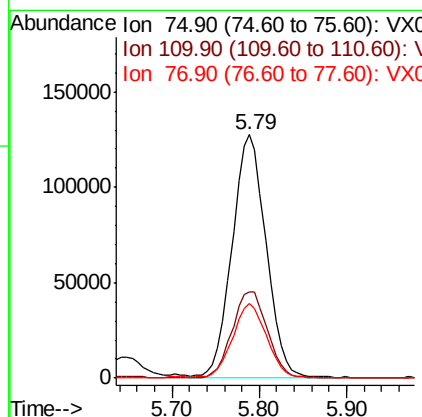
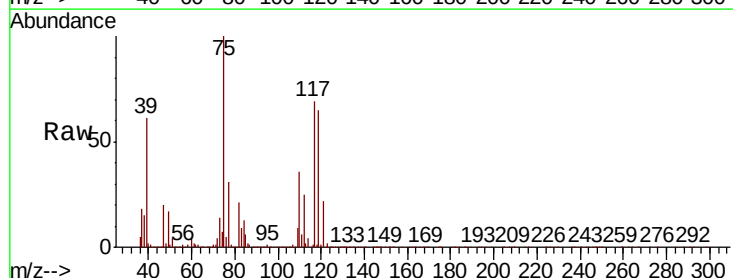
Manual Integrations
APPROVED

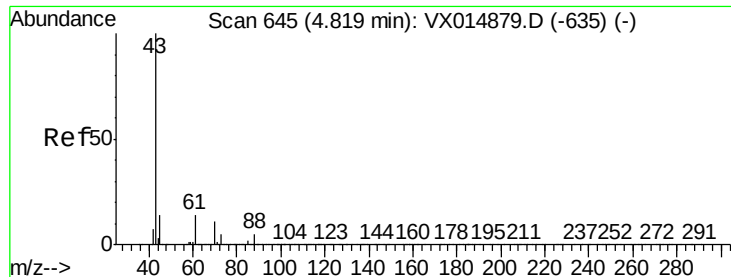
apatel
2/17/2020 4:25:10 PM



#36
1,1-Dichloropropene
Concen: 55.230 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	342167		
110	37.3	18.3	54.8	
77	30.7	24.6	36.8	





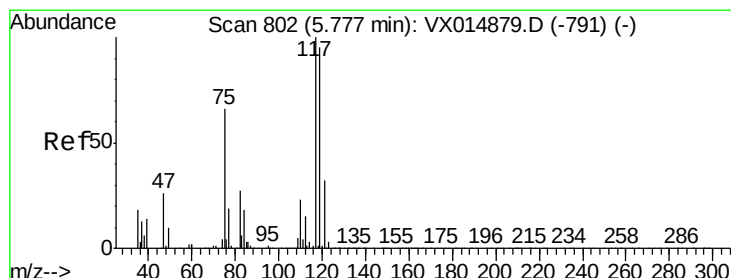
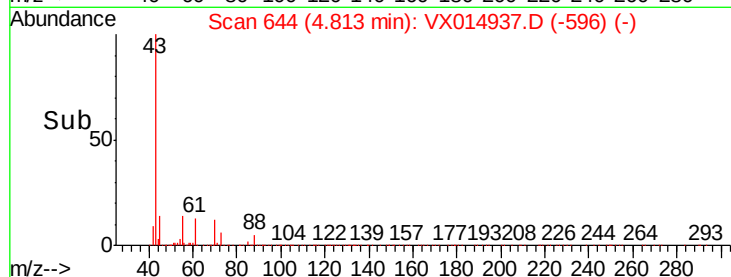
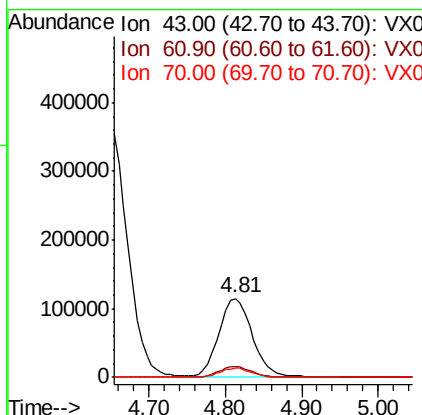
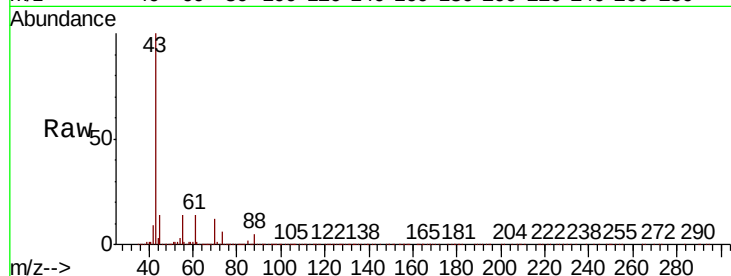
#37
Ethyl Acetate
Concen: 53.493 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	11.0	8.7	13.1

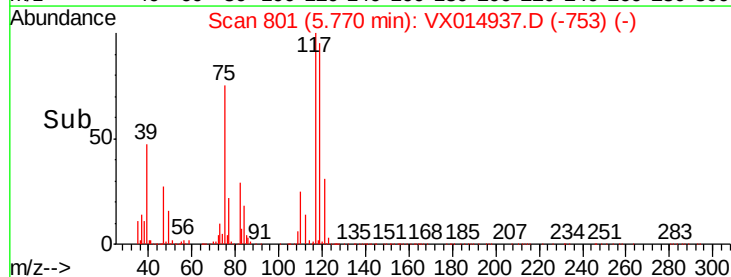
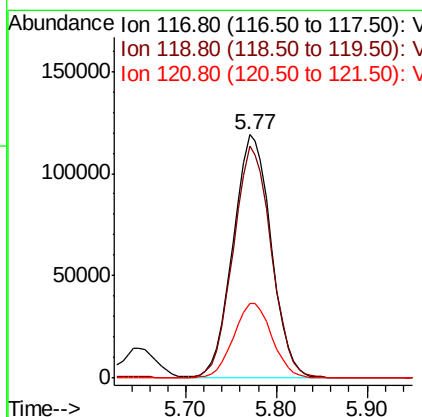
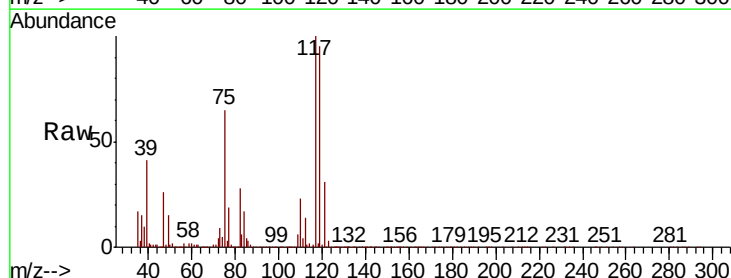
Manual Integrations
APPROVED

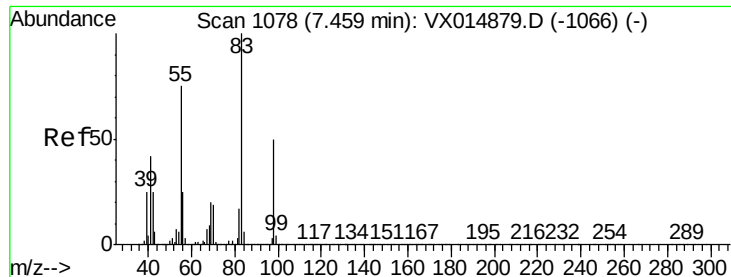
apatel
2/17/2020 4:25:10 PM



#38
Carbon Tetrachloride
Concen: 57.329 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.0	114.0
121	30.6	25.4	38.2





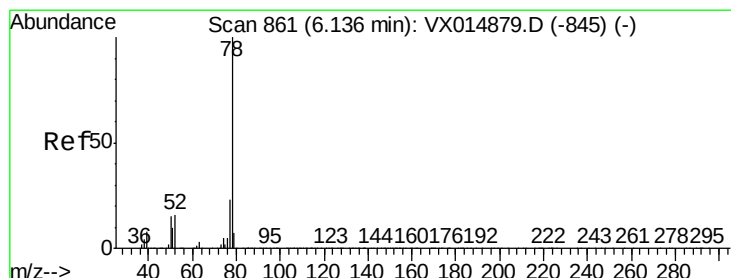
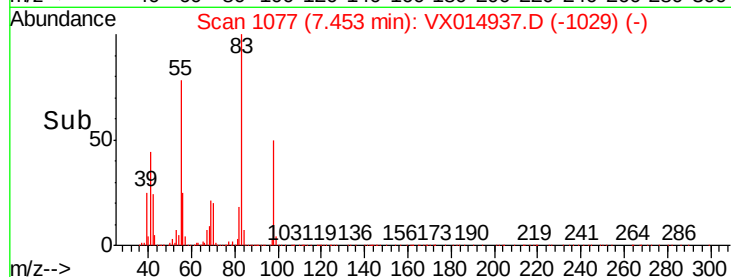
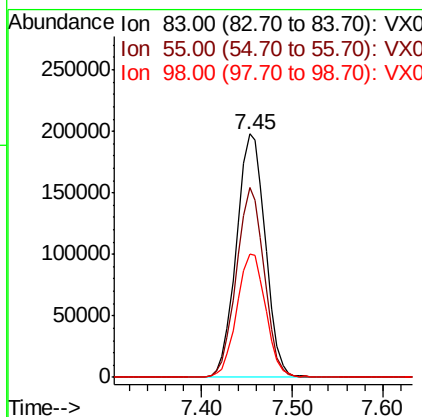
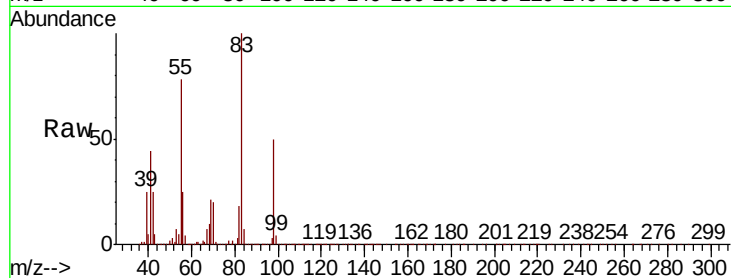
#39
Methylvlcyclohexane
Concen: 56.215 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	60.0	90.0
98	50.4	39.6	59.4

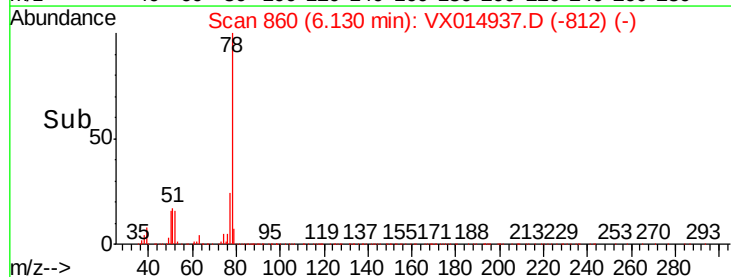
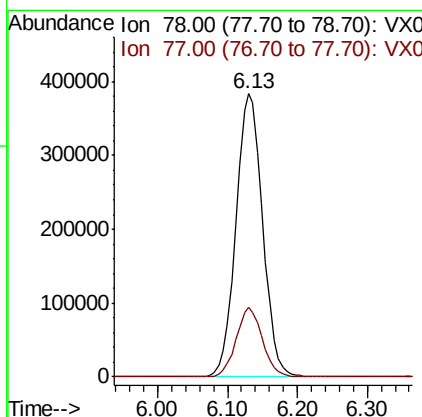
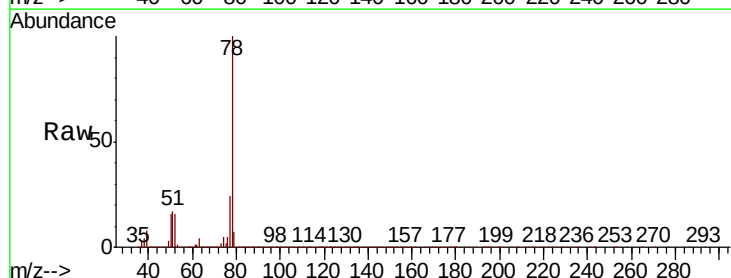
Manual Integrations
APPROVED

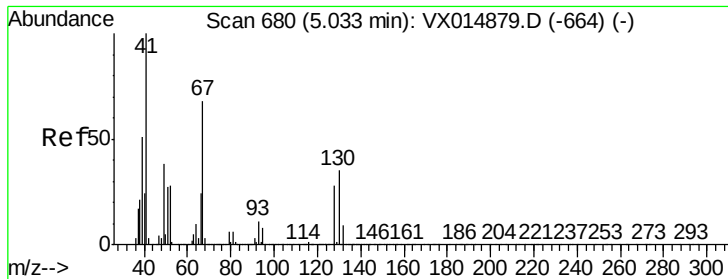
apatel
2/17/2020 4:25:10 PM



#40
Benzene
Concen: 54.673 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2





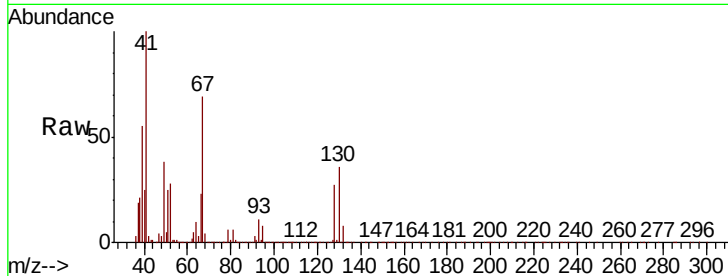
#41
Methacrylonitrile
Concen: 56.396 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		196313		
39	54.1	44.7	67.1		
67	70.7	56.6	84.8		
52	29.1	22.3	33.5		

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



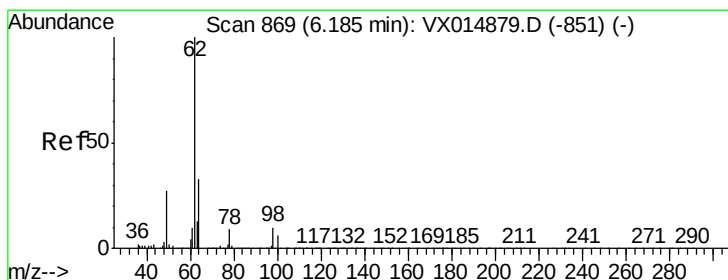
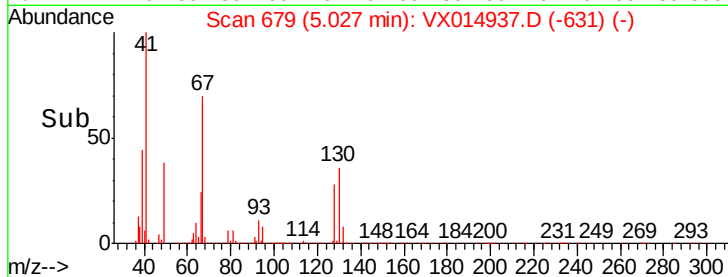
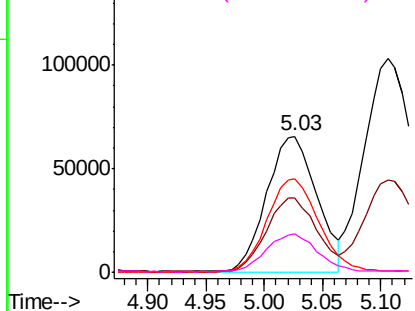
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

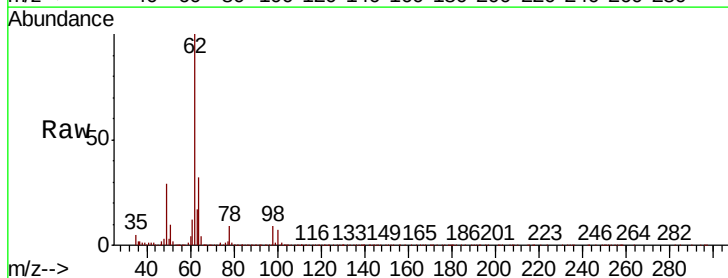
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 53.911 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

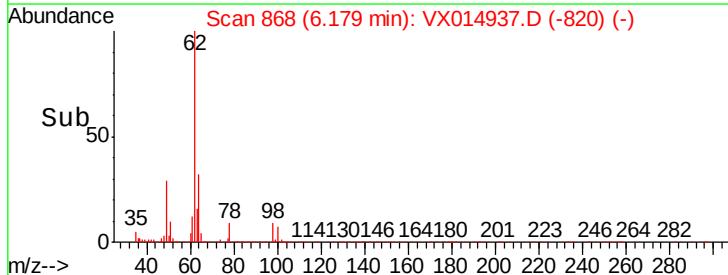
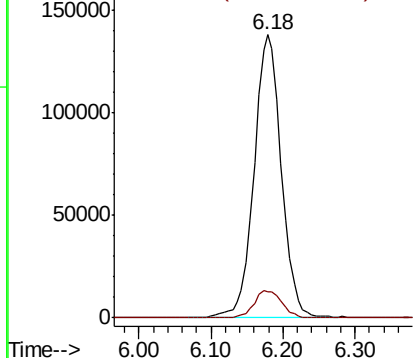
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		360677		
98	9.9	0.0	19.2		

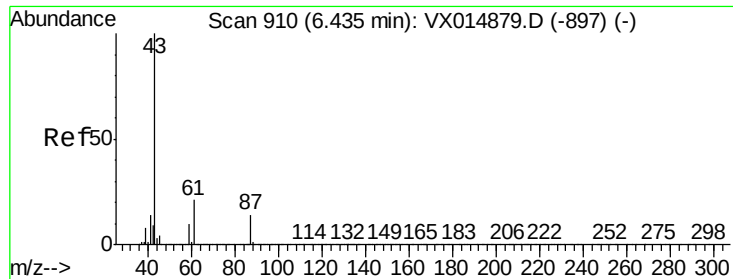


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

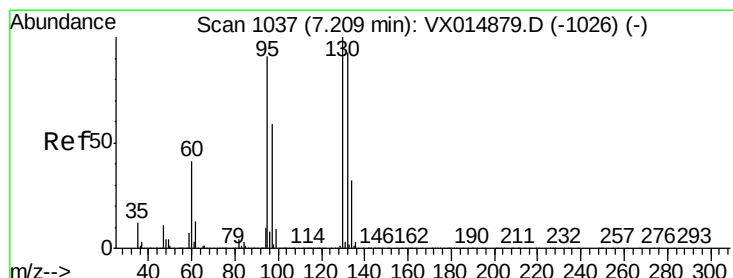
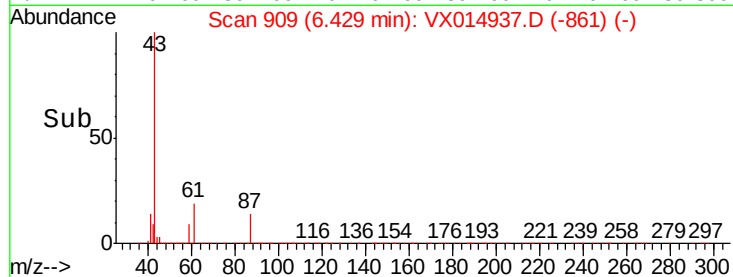
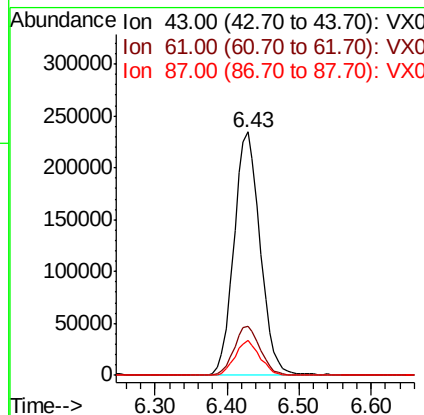
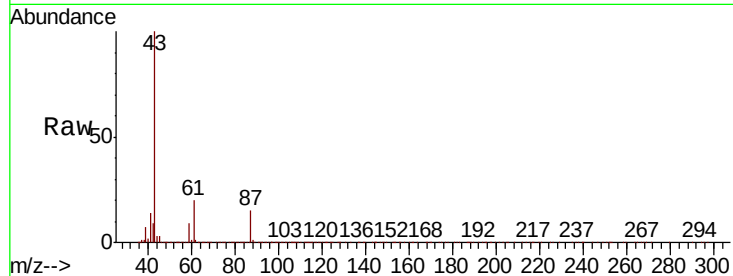
Isopropyl Acetate
 Concen: 55.339 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	589869
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.2	24.4
87	13.7	11.0	16.6

Manual Integrations
 APPROVED

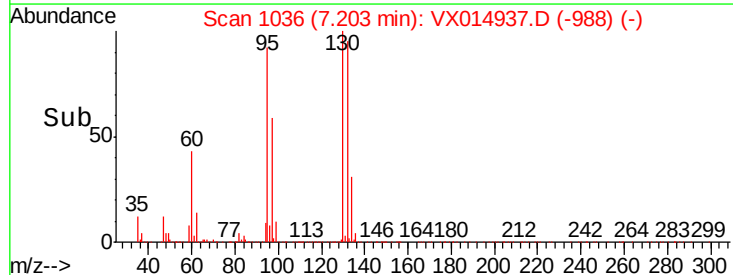
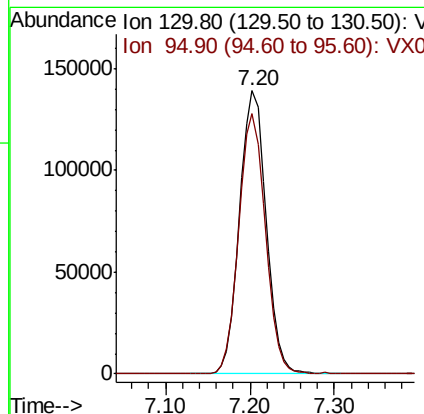
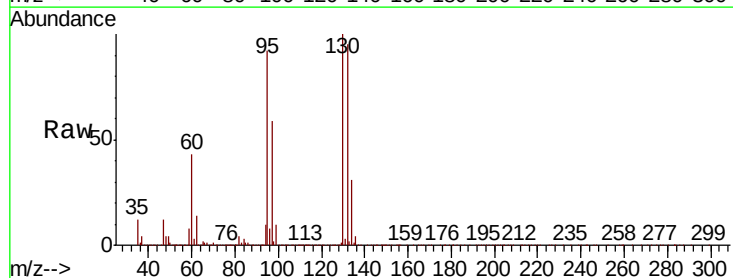
apatel
 2/17/2020 4:25:10 PM

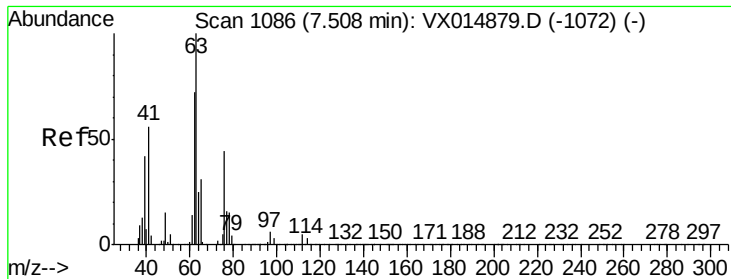


#44

Trichloroethene
 Concen: 55.239 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion	130	Resp	296828
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	182.6





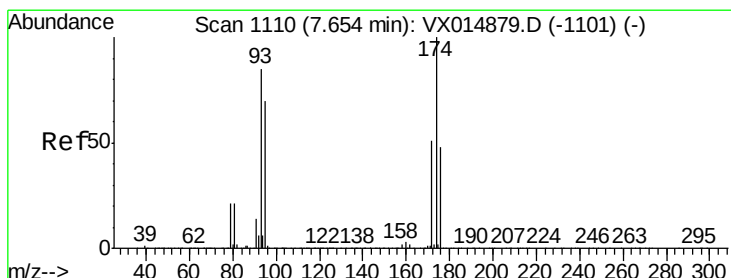
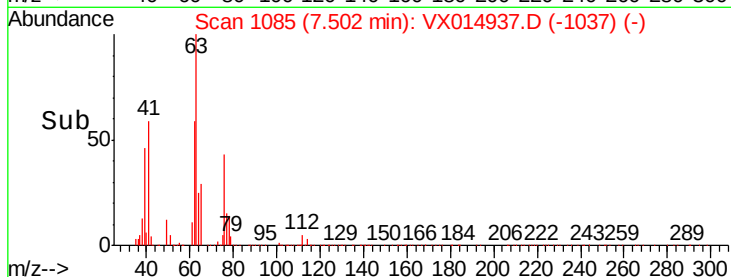
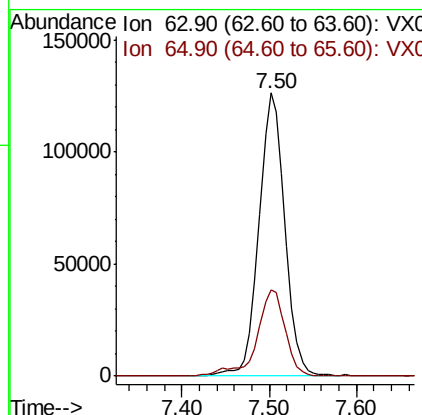
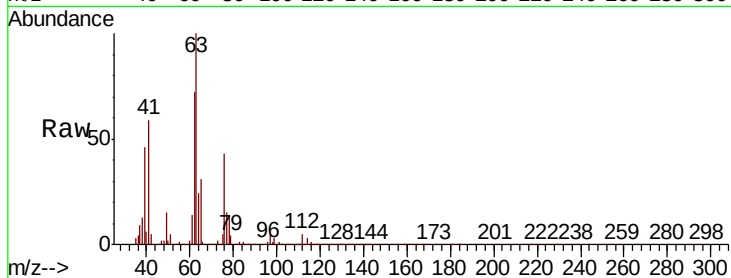
#45
 1,2-Dichloropropane
 Concen: 54.891 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.9	37.3

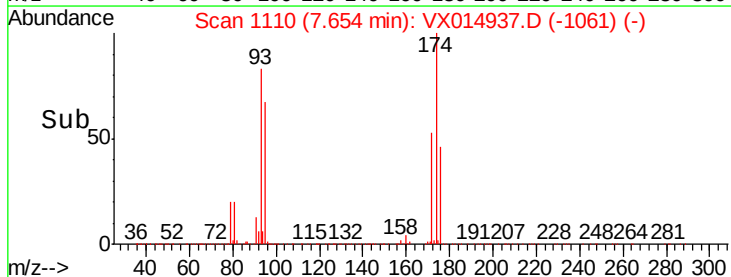
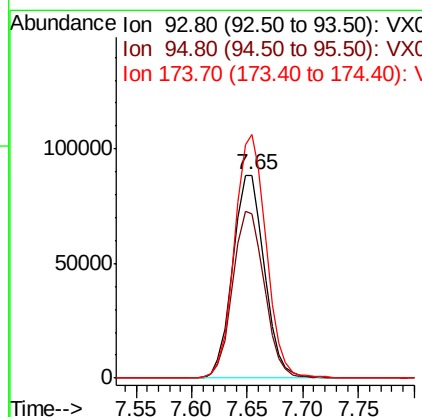
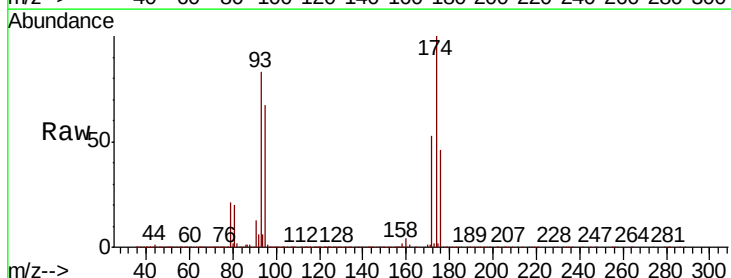
Manual Integrations
 APPROVED

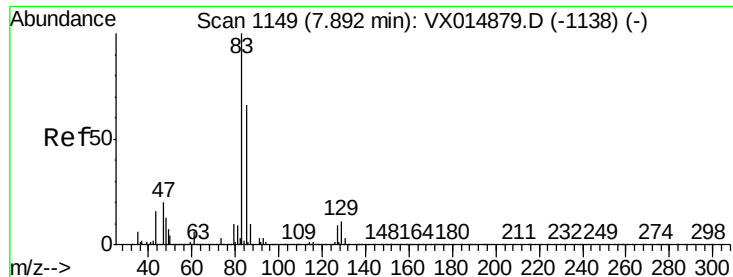
apatel
 2/17/2020 4:25:10 PM



#46
 Dibromomethane
 Concen: 53.975 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.8	98.8
174	119.6	95.4	143.2





#47

Bromodichloromethane

Concen: 55.786 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

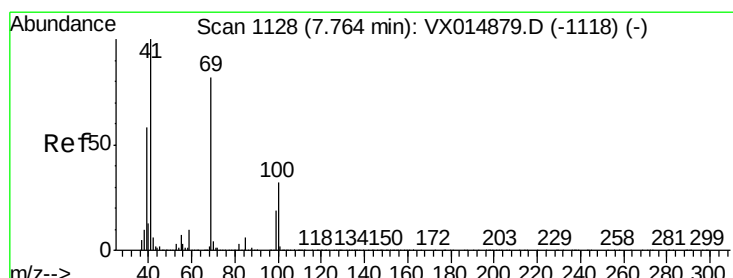
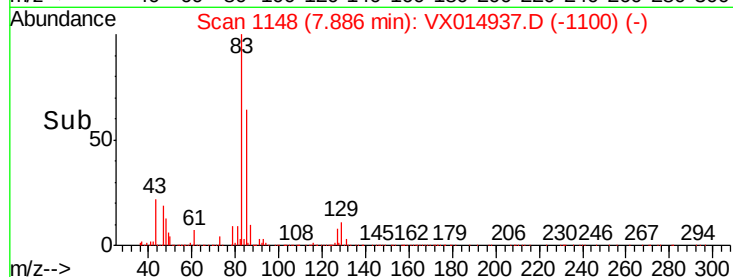
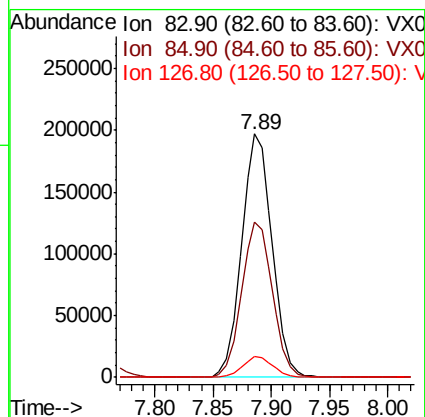
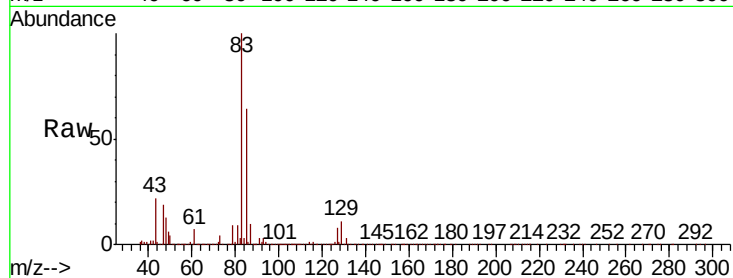
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	356928
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.5	78.7
127	8.4	7.4	11.0

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#48

Methyl methacrylate

Concen: 56.149 ug/l

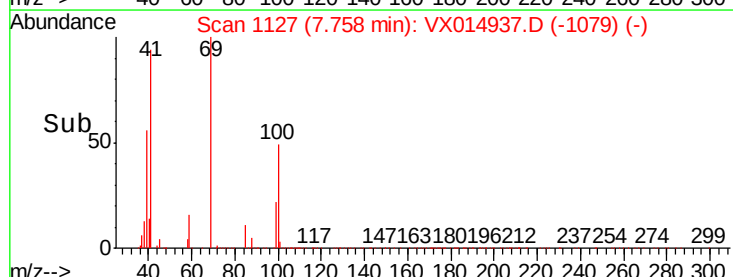
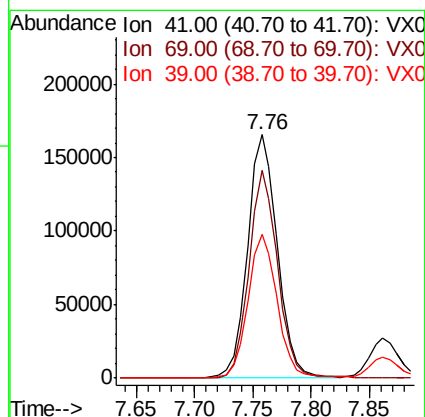
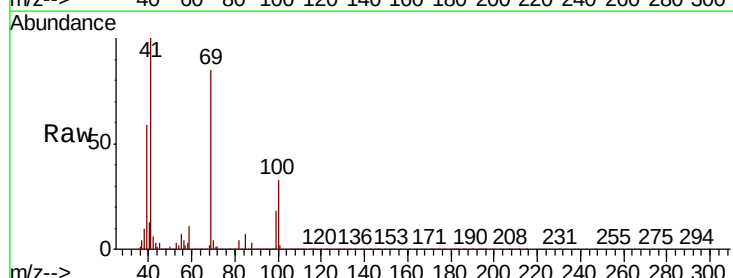
RT: 7.76 min Scan# 1127

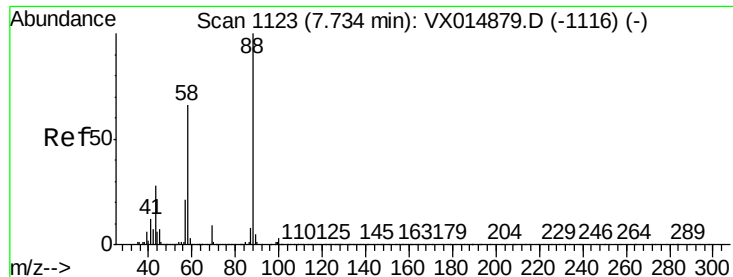
Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	41	Resp:	294542
Ion Ratio	Lower	Upper	
41	100		
69	82.9	65.7	98.5
39	57.7	45.8	68.8





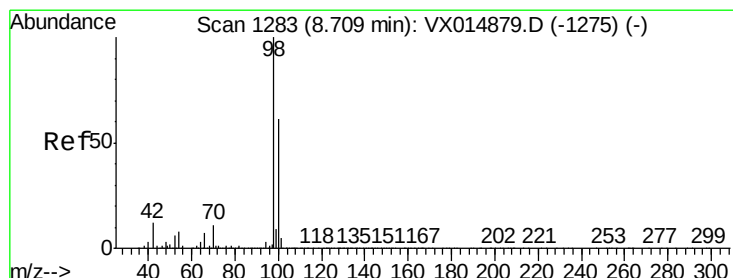
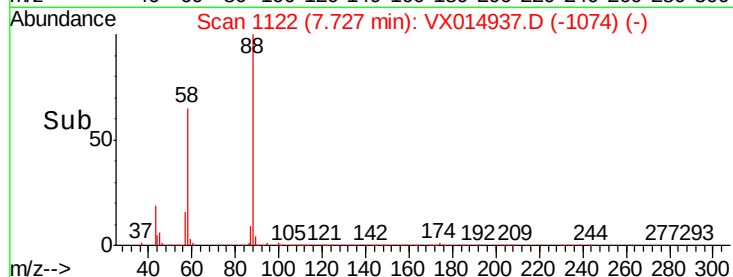
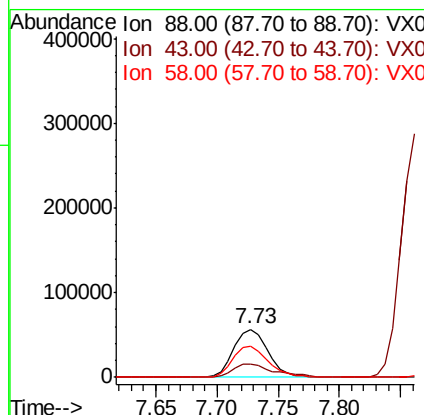
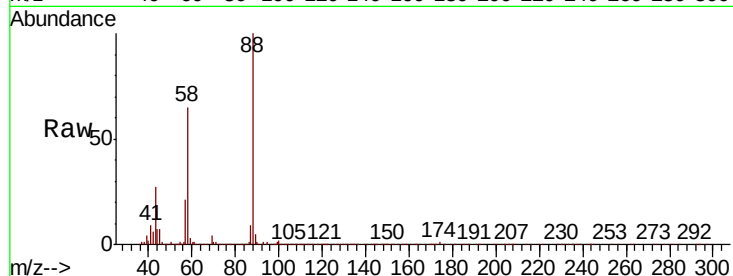
#49
1,4-Dioxane
Concen: 1113.690 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	27.0	40.4
58	67.6	53.2	79.8

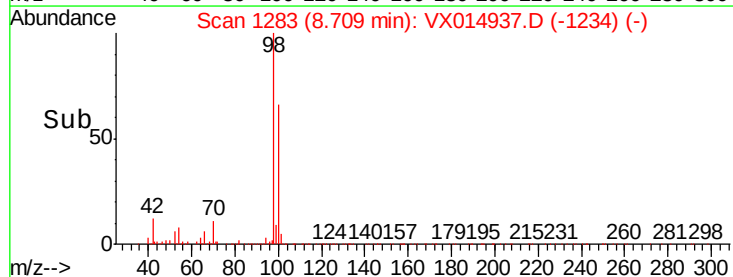
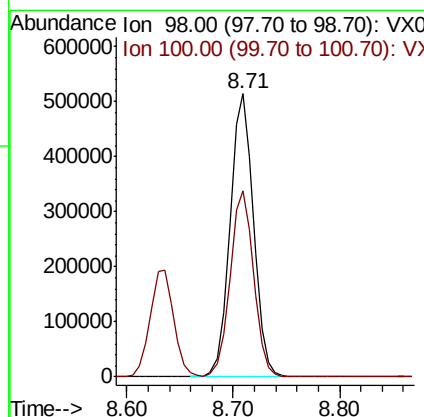
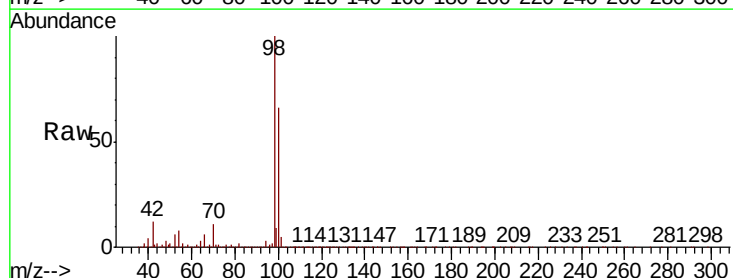
Manual Integrations
APPROVED

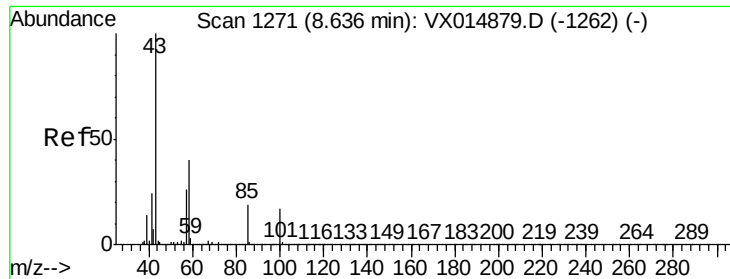
apatel
2/17/2020 4:25:10 PM



#50
Toluene-d8
Concen: 48.731 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





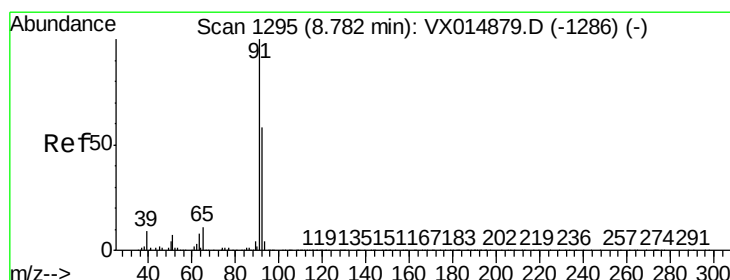
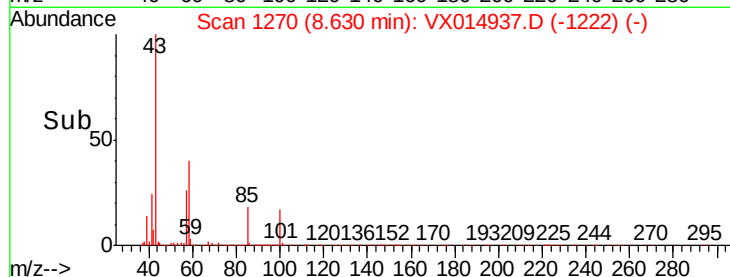
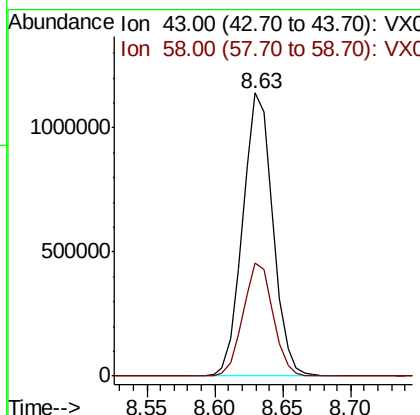
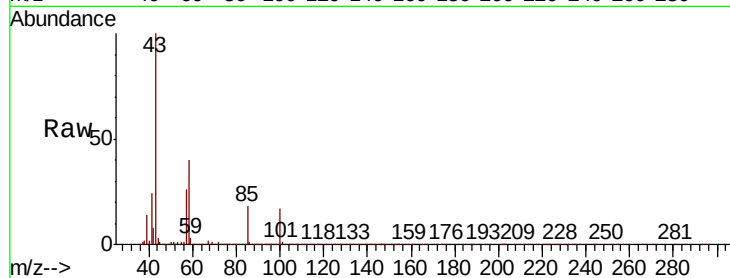
#51
4-Methyl-2-Pentanone
Concen: 274.297 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1765452
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9

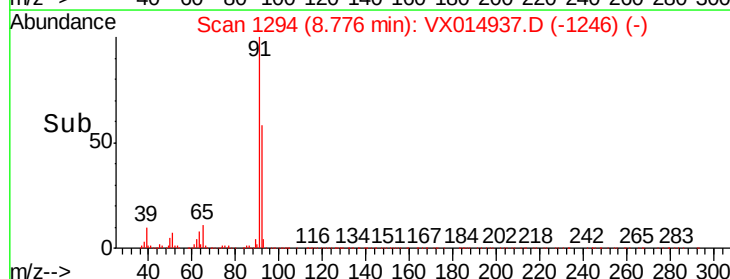
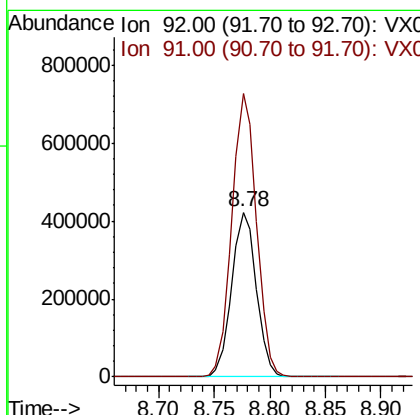
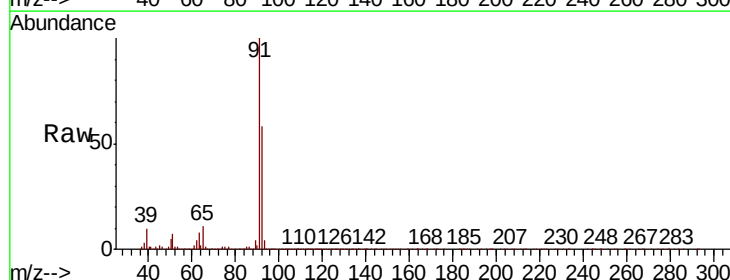
Manual Integrations
APPROVED

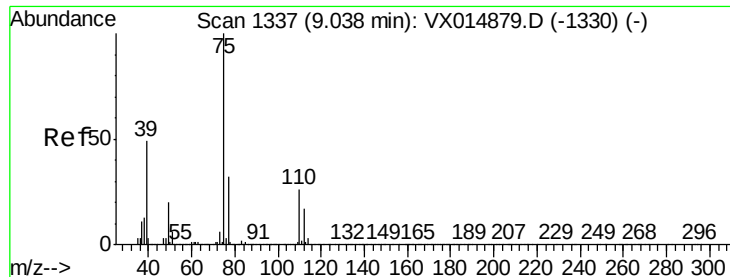
apatel
2/17/2020 4:25:10 PM



#52
Toluene
Concen: 55.267 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 92 Resp: 649761
Ion Ratio Lower Upper
92 100
91 171.6 137.0 205.4





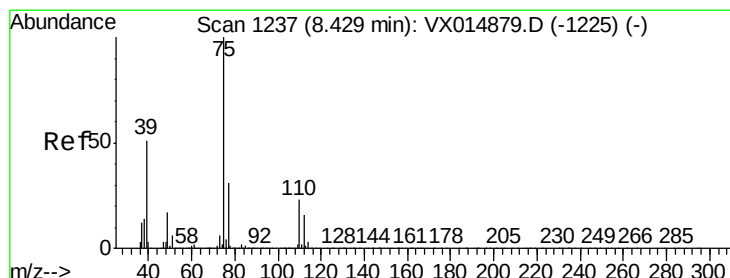
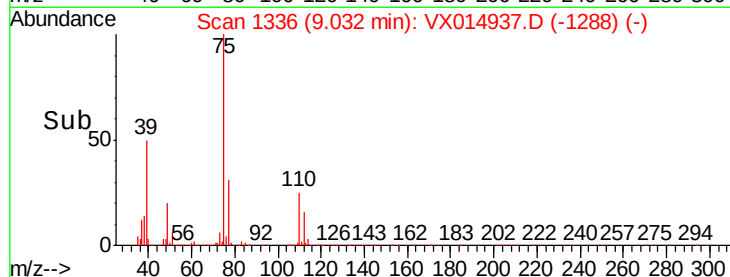
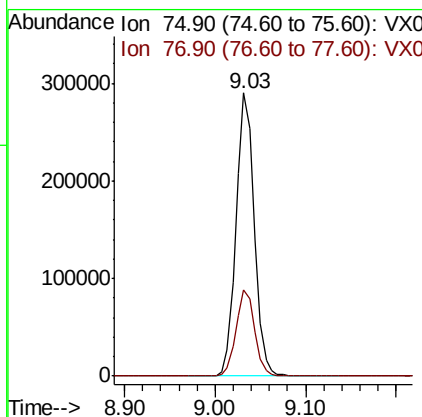
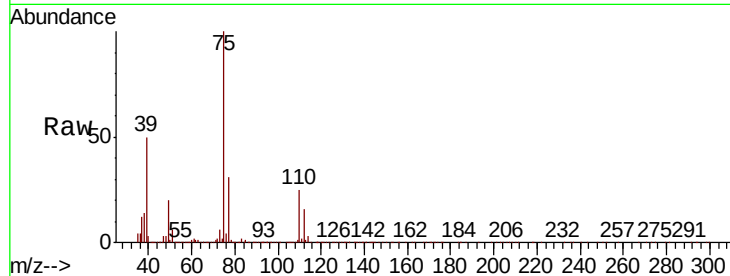
#53
t-1,3-Dichloropropene
Concen: 57.595 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.5	38.3

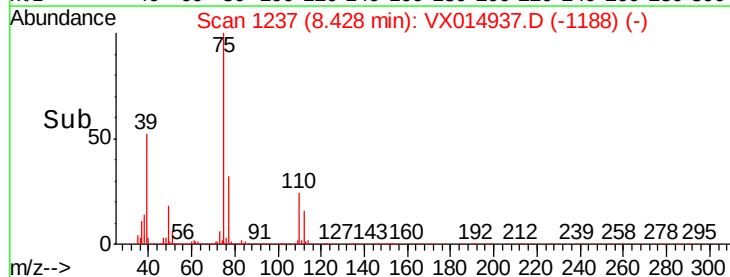
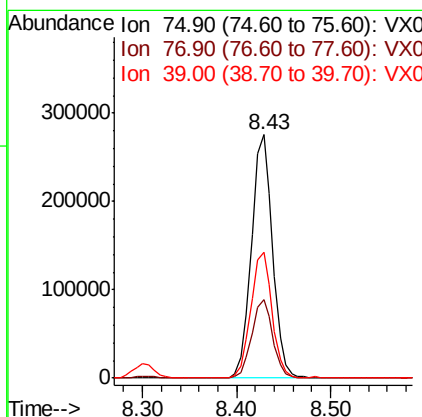
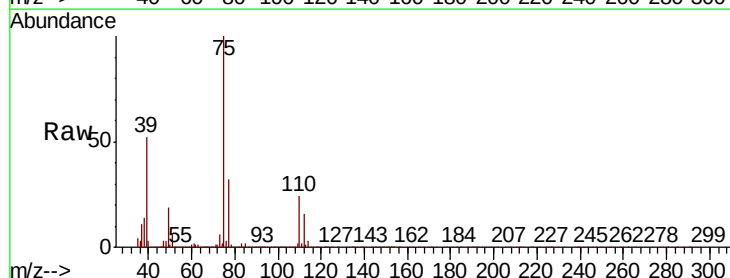
Manual Integrations
APPROVED

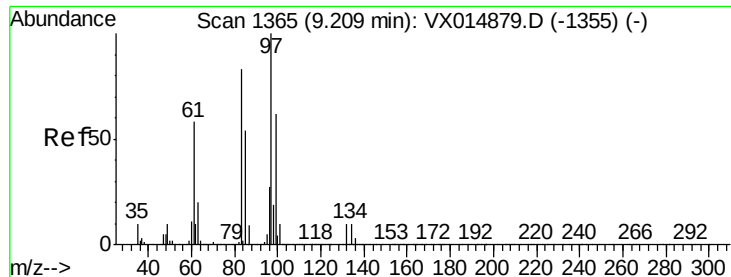
apatel
2/17/2020 4:25:10 PM



#54
cis-1,3-Dichloropropene
Concen: 56.261 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.6	37.0
39	51.6	40.9	61.3





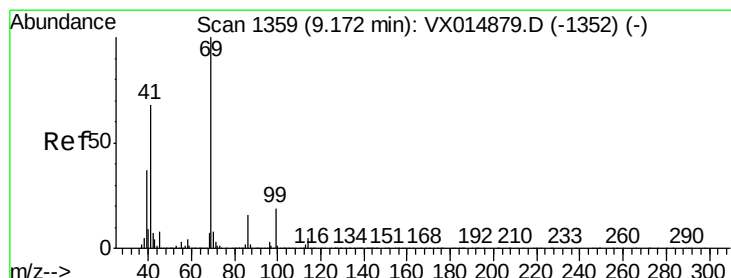
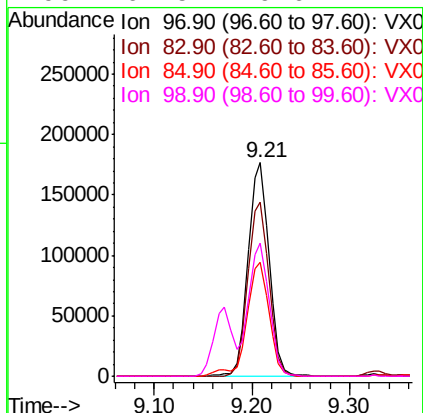
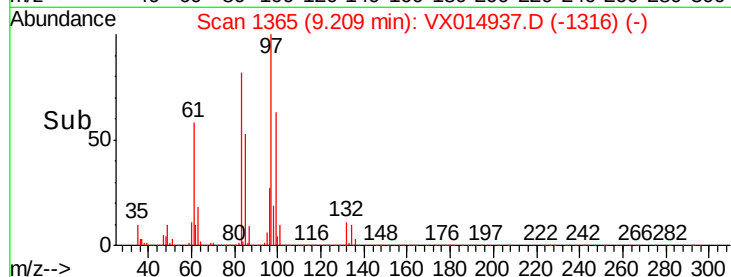
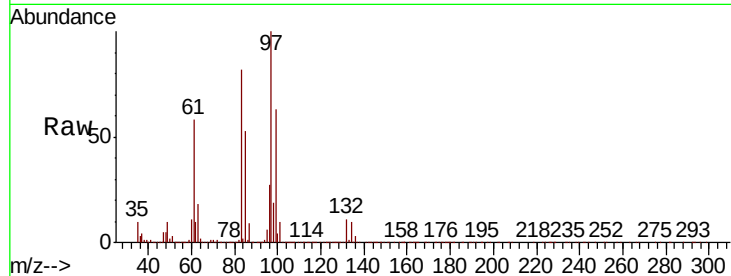
#55
 1,1,2-Trichloroethane
 Concen: 55.005 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		261635		
83	81.5	66.6	99.8		
85	53.1	43.5	65.3		
99	62.5	49.6	74.4		

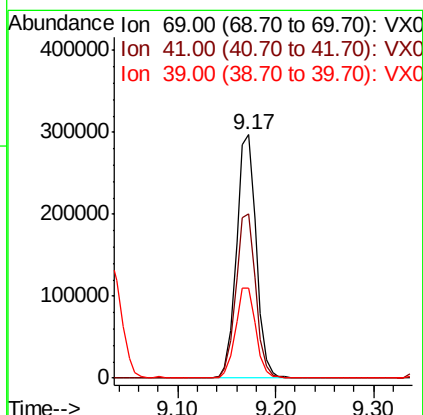
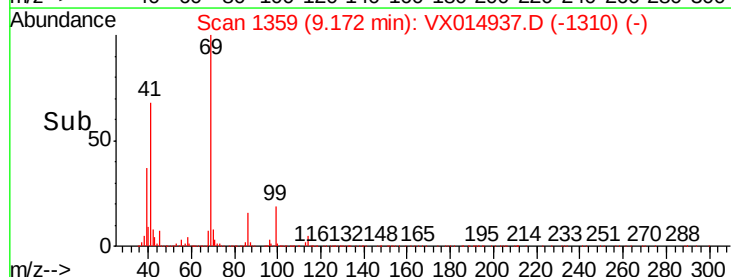
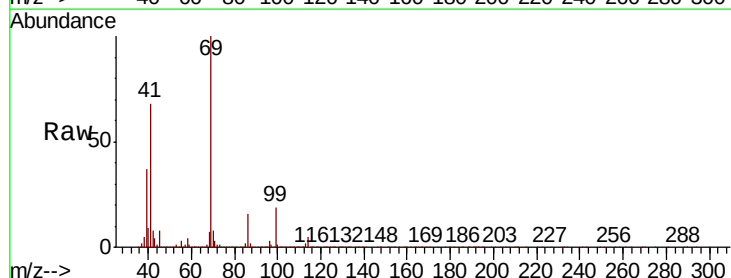
Manual Integrations
 APPROVED

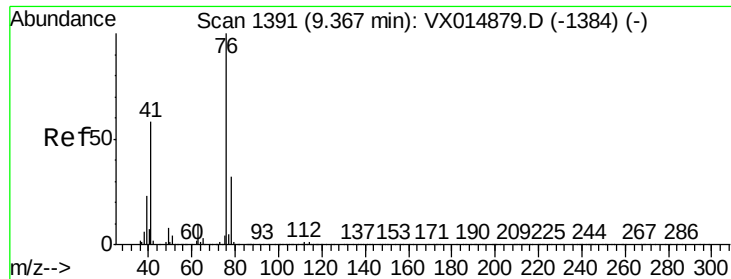
apatel
 2/17/2020 4:25:10 PM



#56
 Ethyl methacrylate
 Concen: 57.850 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		413599		
41	68.0	54.8	82.2		
39	38.1	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 54.622 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 437347

Ion Ratio Lower Upper

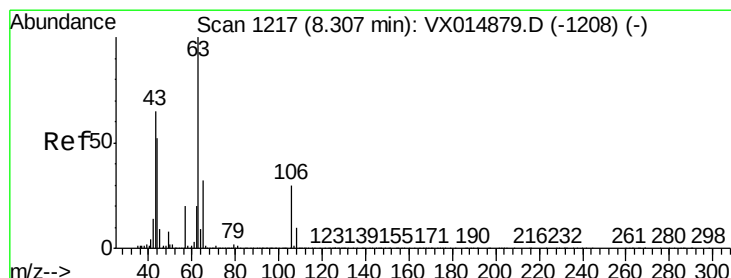
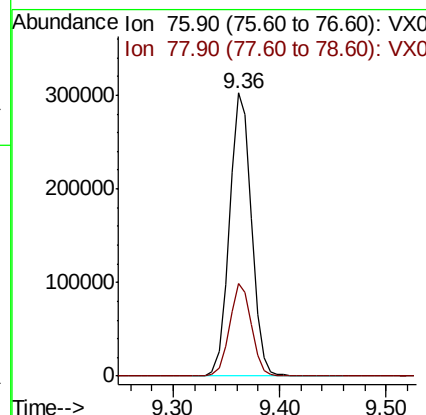
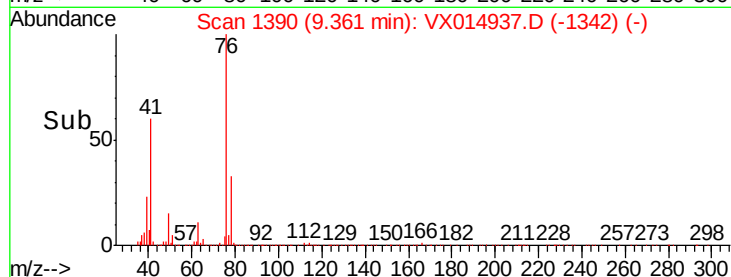
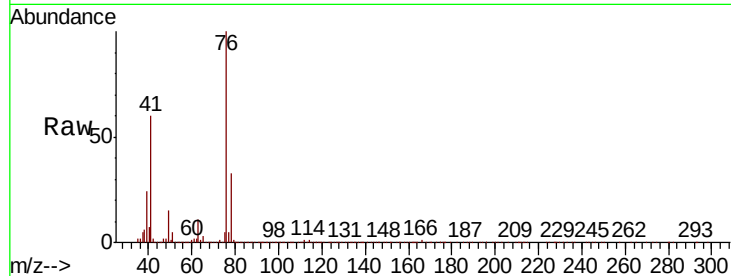
76 100

78 32.1 25.8 38.8

Manual Integrations
APPROVED

apatel

2/17/2020 4:25:10 PM



#58

2-Chloroethyl Vinyl ether

Concen: 302.375 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014937.D

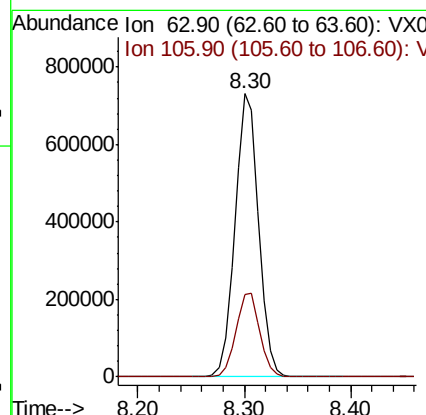
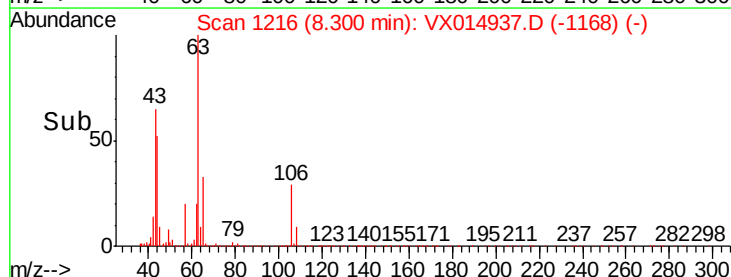
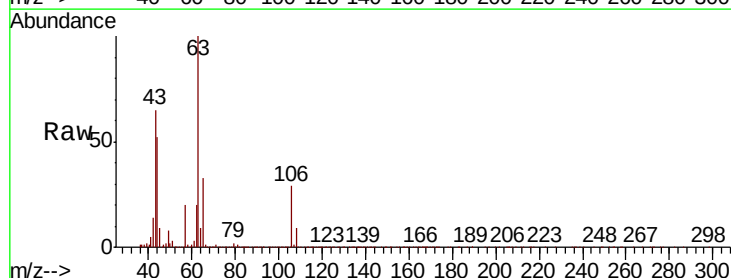
Acq: 14 Feb 2020 09:28

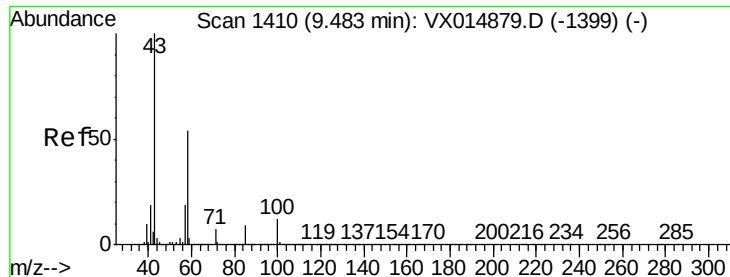
Tgt Ion: 63 Resp: 1130600

Ion Ratio Lower Upper

63 100

106 30.0 23.8 35.8





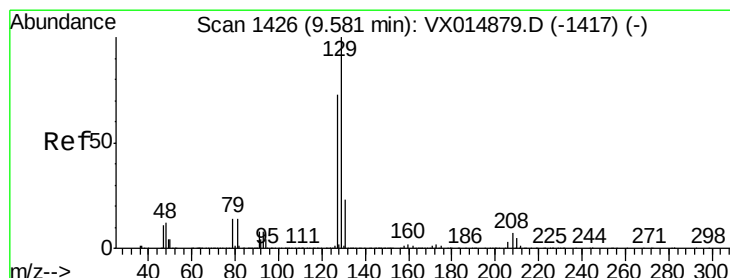
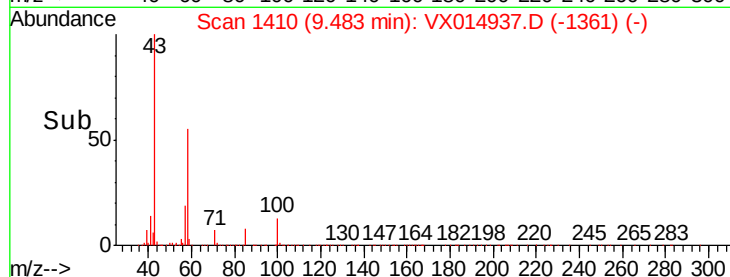
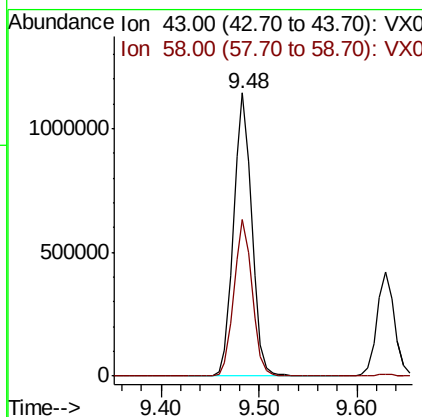
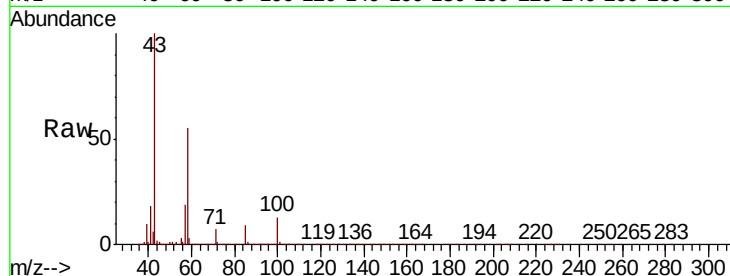
#59
2-Hexanone
Concen: 291.286 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1473617
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5

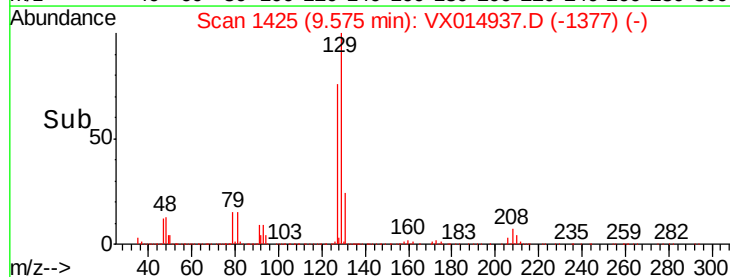
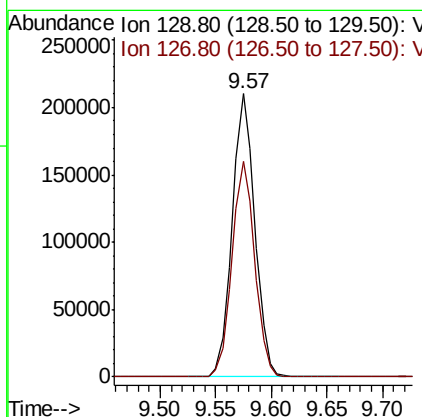
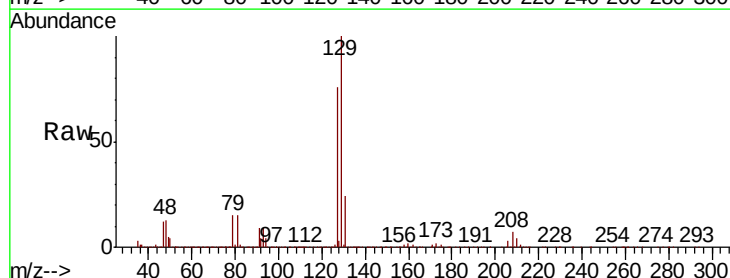
Manual Integrations
APPROVED

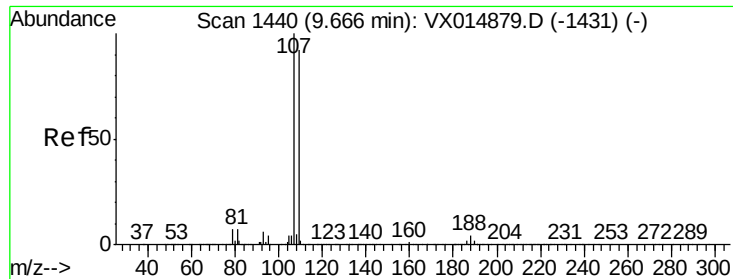
apatel
2/17/2020 4:25:10 PM



#60
Dibromochloromethane
Concen: 57.764 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion: 129 Resp: 295683
Ion Ratio Lower Upper
129 100
127 76.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 54.137 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 277842

Ion Ratio Lower Upper

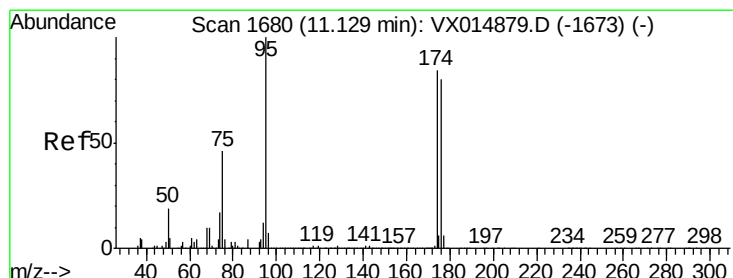
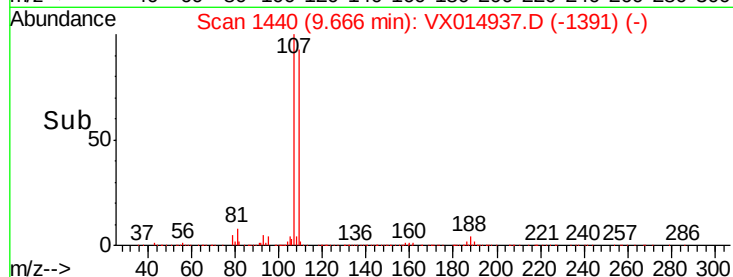
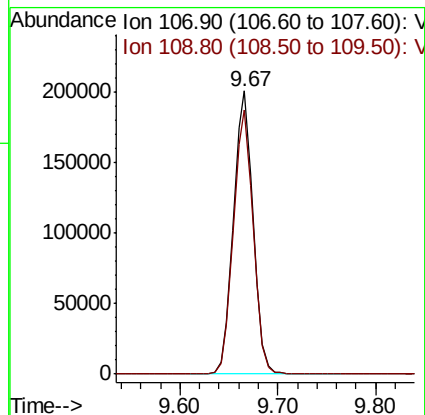
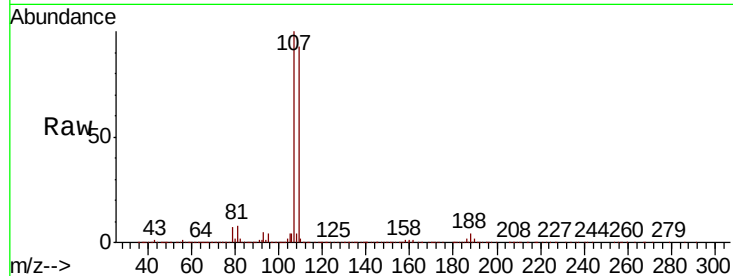
107 100

109 94.3 75.6 113.4

Manual Integrations
APPROVED

apatel

2/17/2020 4:25:10 PM



#62

4-Bromofluorobenzene

Concen: 50.395 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

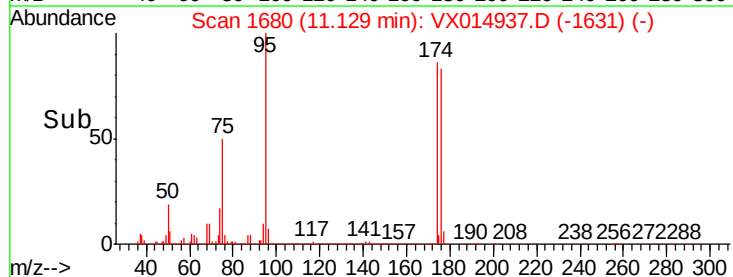
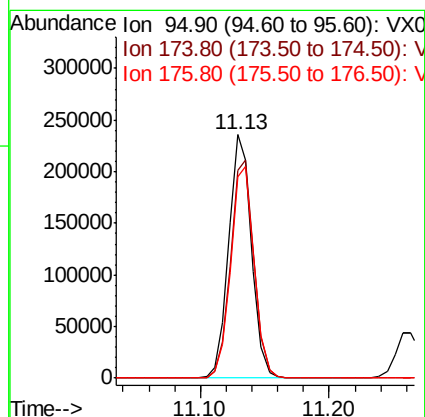
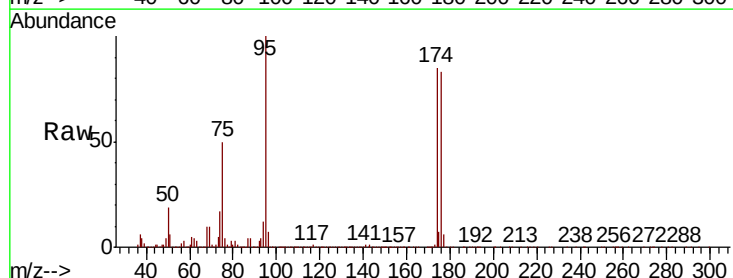
Tgt Ion: 95 Resp: 295045

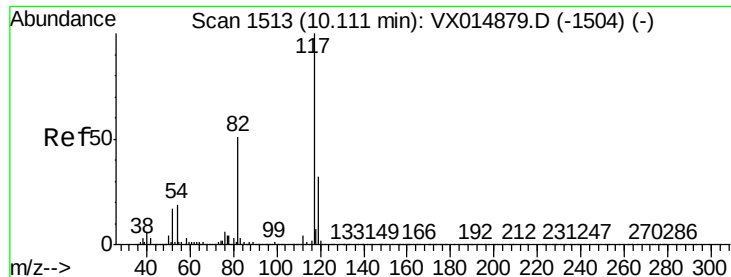
Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.0

176 89.0 0.0 178.0





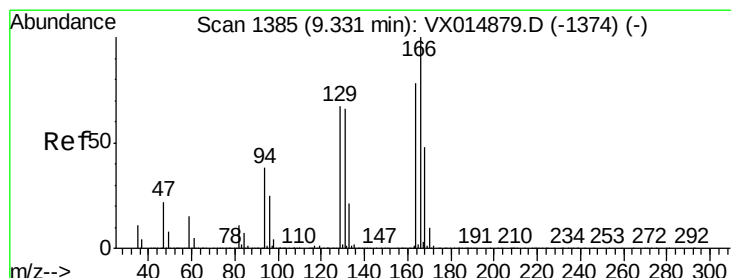
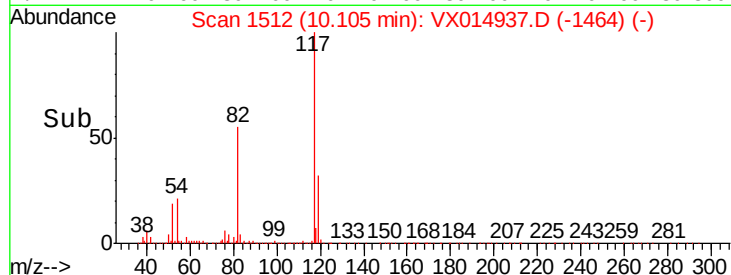
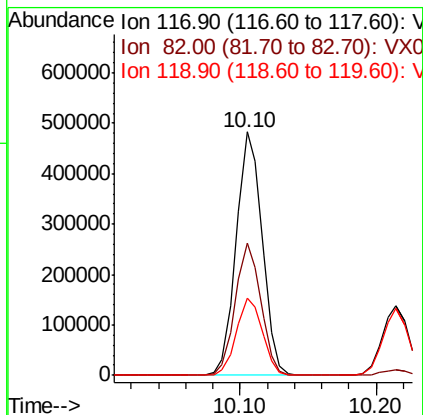
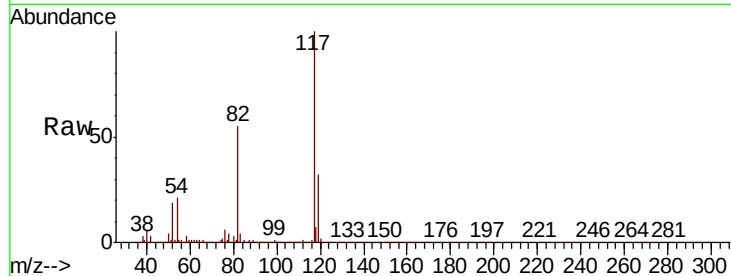
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.5	60.7
119	31.5	25.8	38.6

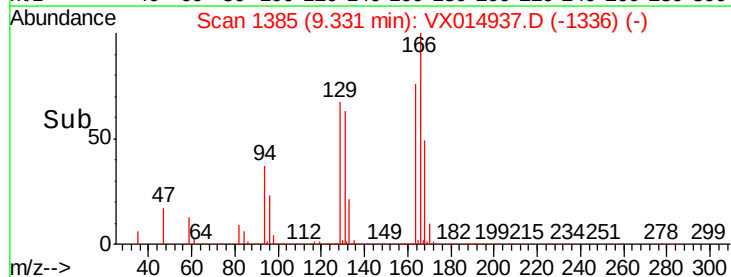
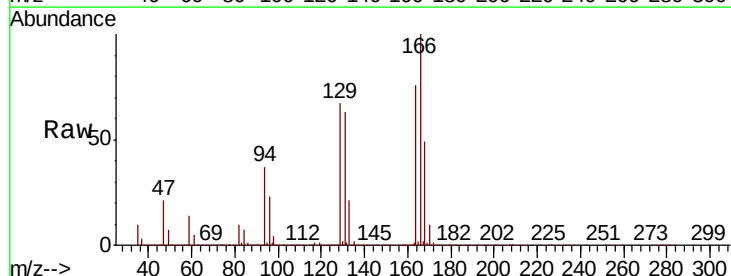
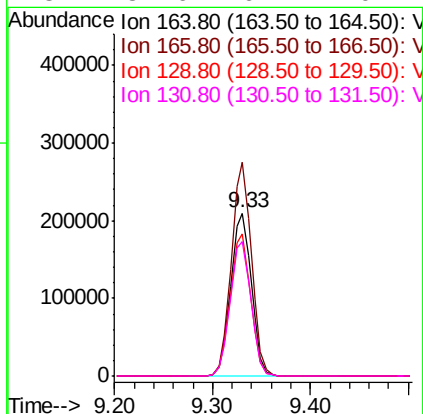
Manual Integrations
APPROVED

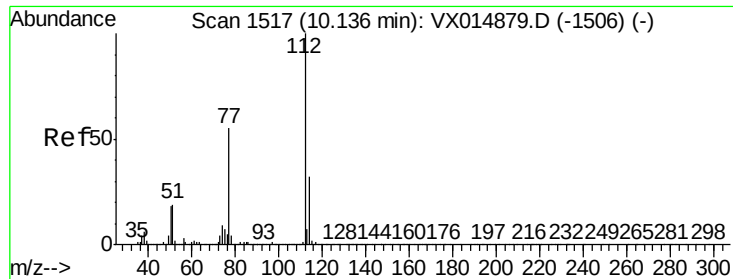
apatel
2/17/2020 4:25:10 PM



#64
Tetrachloroethene
Concen: 51.067 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.6	153.8
129	87.5	68.3	102.5
131	82.6	67.4	101.2





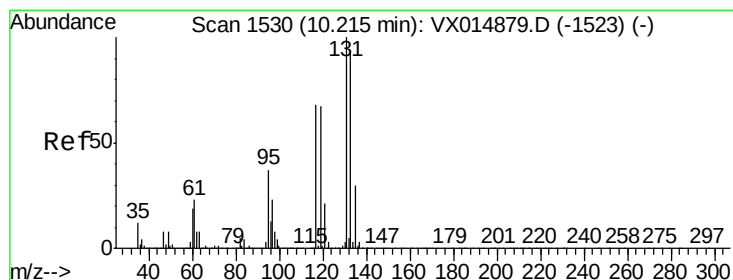
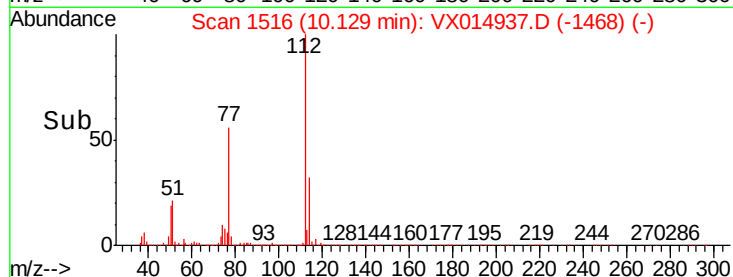
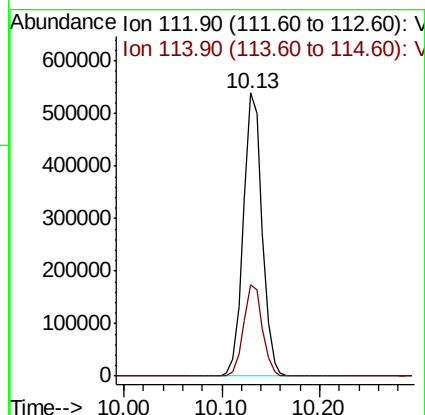
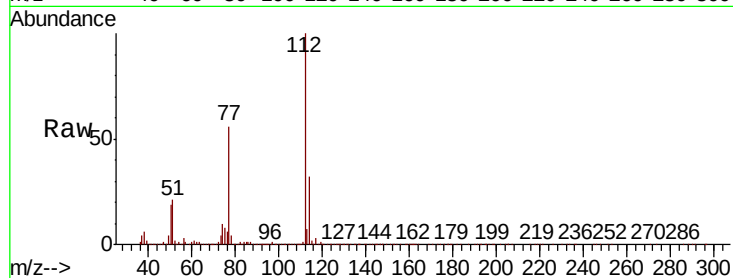
#65
Chlorobenzene
Concen: 54.984 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4

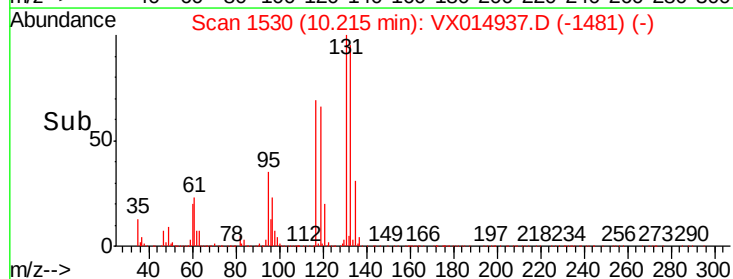
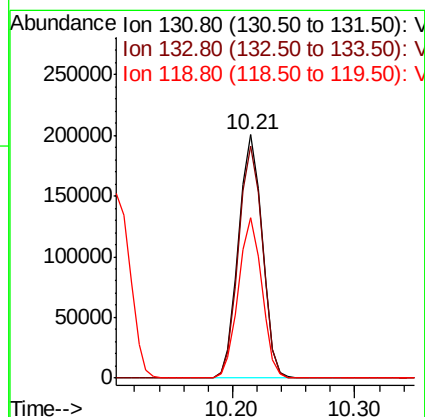
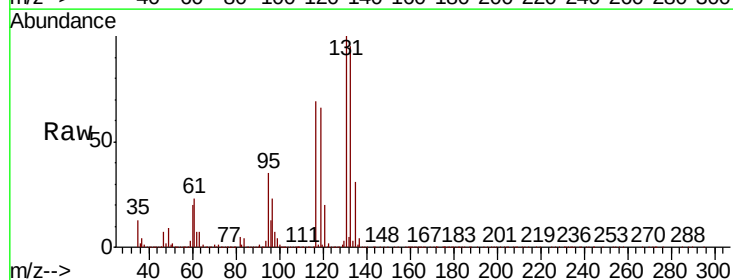
Manual Integrations
APPROVED

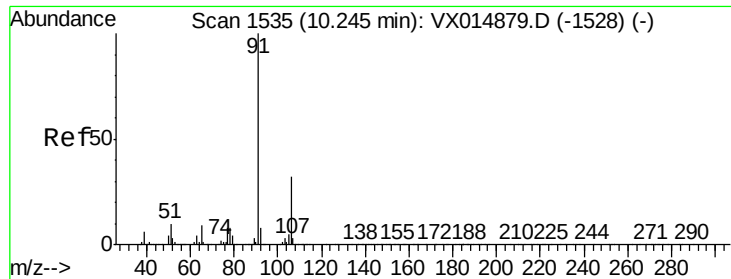
apatel
2/17/2020 4:25:10 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.783 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.1	144.4
119	65.1	33.0	99.0





#67

Ethyl Benzene

Concen: 57.037 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1265509

Ion Ratio Lower Upper

91 100

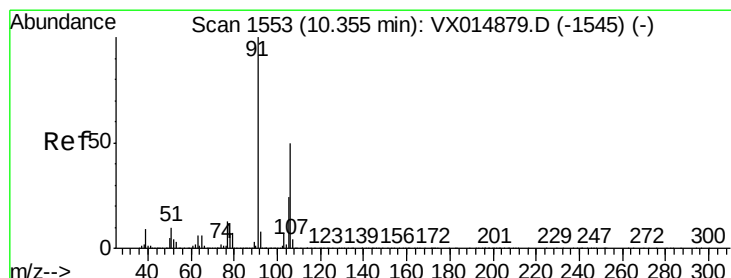
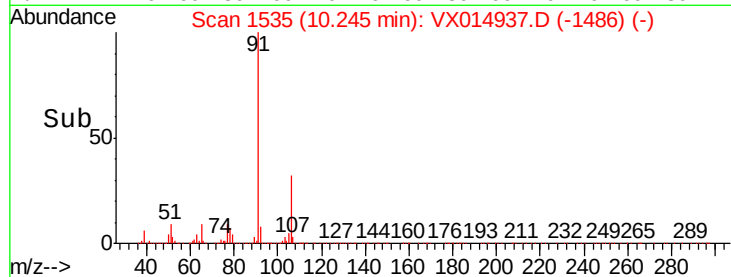
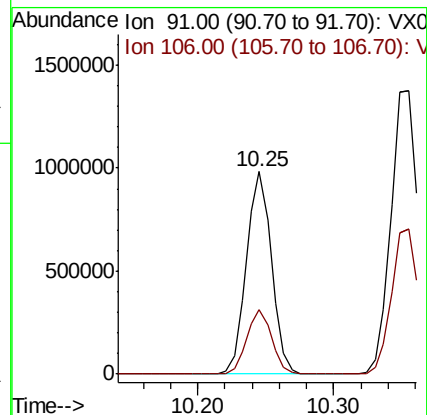
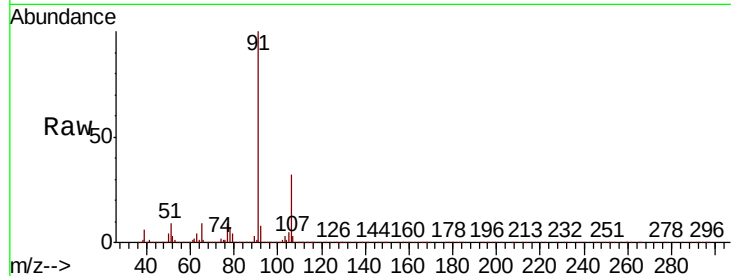
106 32.1 25.3 37.9

Manual Integrations

APPROVED

apatel

2/17/2020 4:25:10 PM



#68

m/p-Xylenes

Concen: 114.147 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014937.D

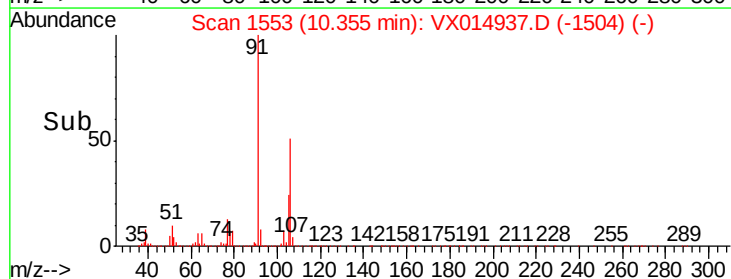
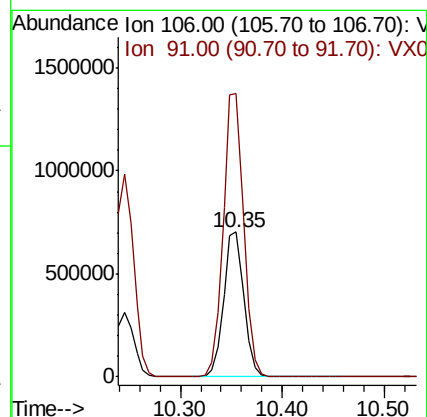
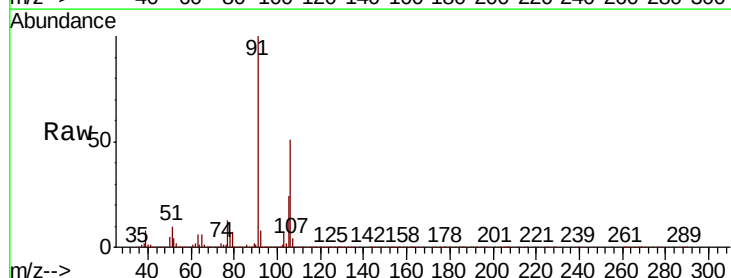
Acq: 14 Feb 2020 09:28

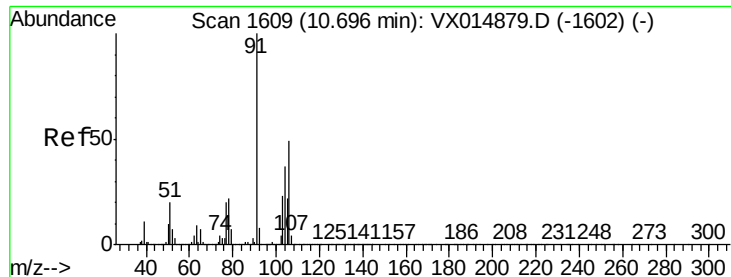
Tgt Ion: 106 Resp: 975656

Ion Ratio Lower Upper

106 100

91 197.7 160.6 240.8





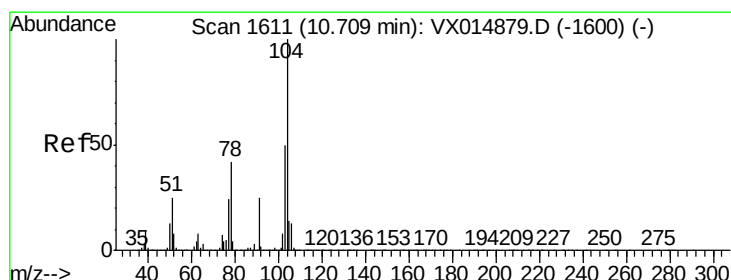
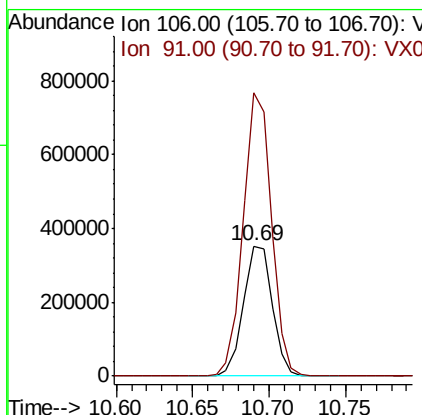
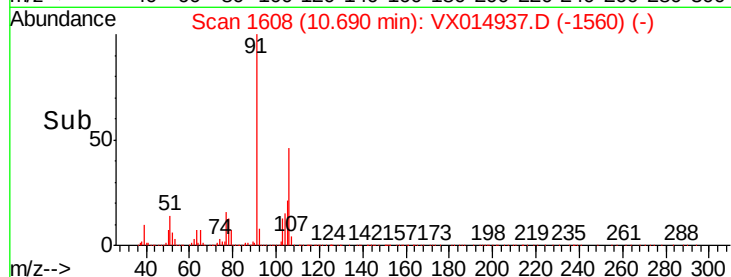
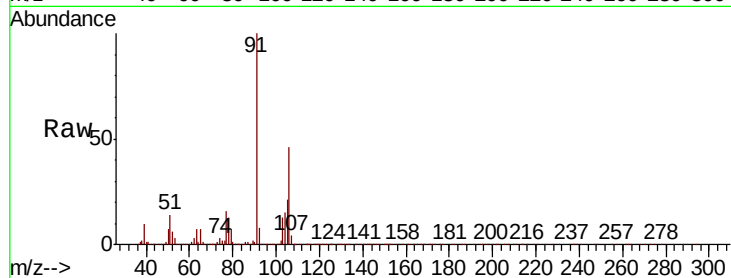
#69
o-Xylene
Concen: 56.476 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	105.1	315.3

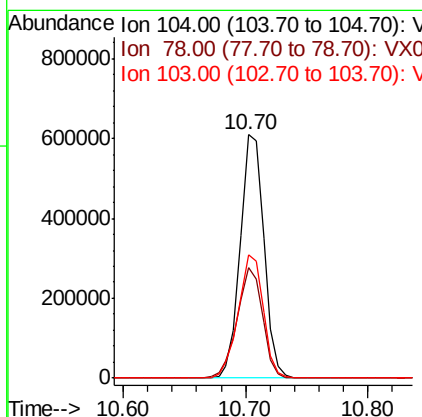
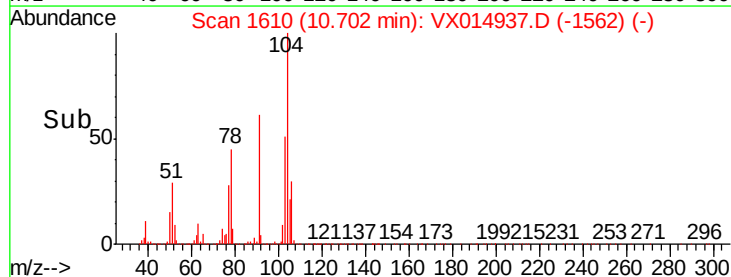
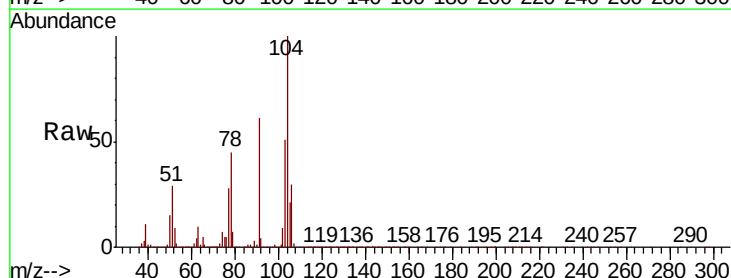
Manual Integrations
APPROVED

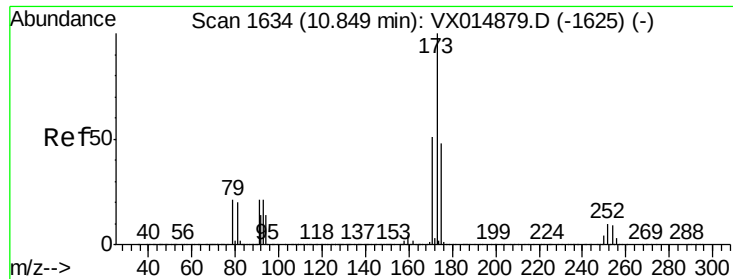
apatel
2/17/2020 4:25:10 PM



#70
Styrene
Concen: 58.749 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.4
103	53.6	43.4	65.0





#71

Bromoform

Concen: 58.697 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

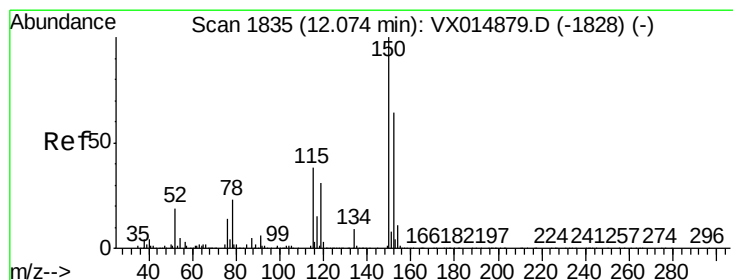
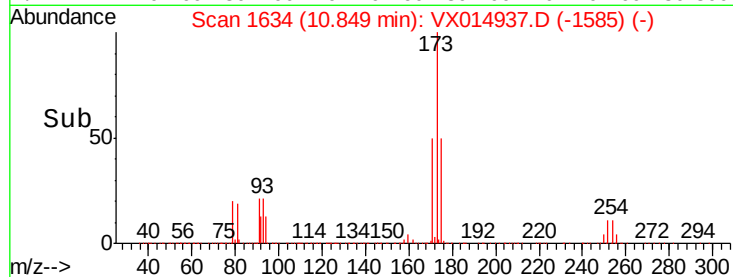
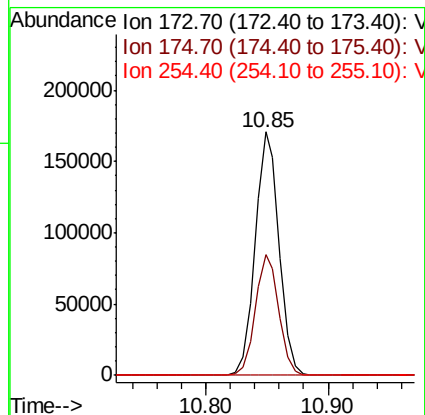
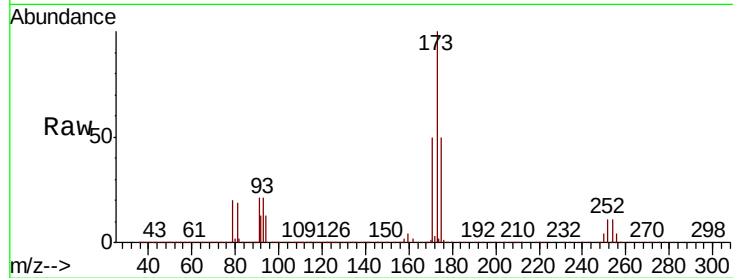
ClientSampled :

VSTDCCC050

Tot Ion:	173	Resp:	232054
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.2	72.6
254	0.2	0.2	0.2#

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

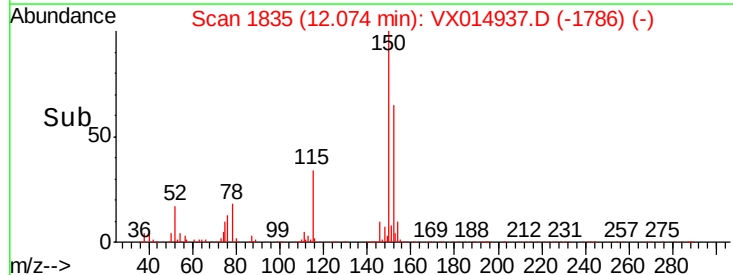
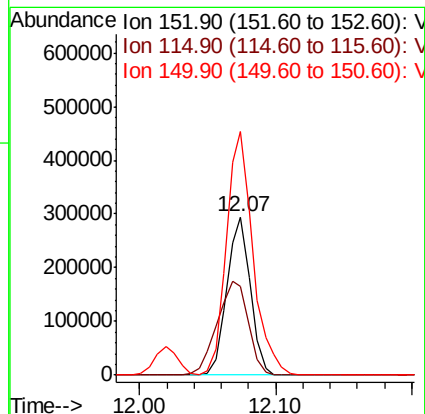
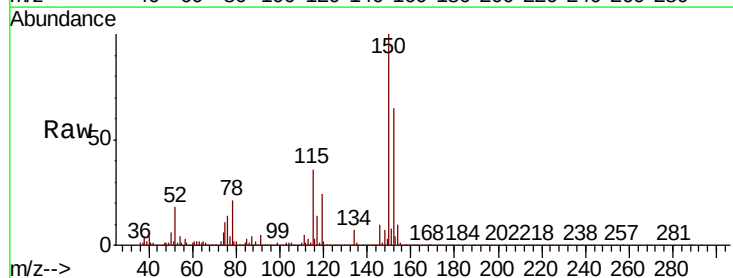
RT: 12.07 min Scan# 1835

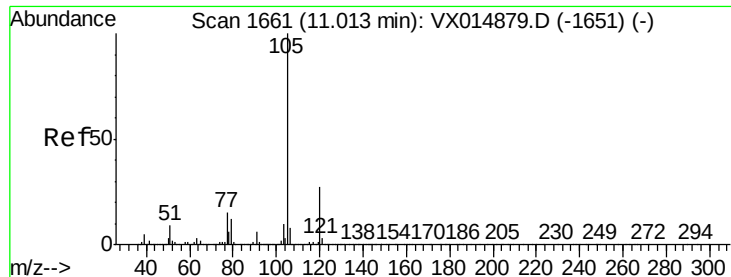
Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	152	Resp:	350050
Ion Ratio	Lower	Upper	
152	100		
115	78.6	38.6	116.0
150	174.0	0.0	349.0





#73

Isopropylbenzene

Concen: 57.434 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1260796

Ion Ratio Lower Upper

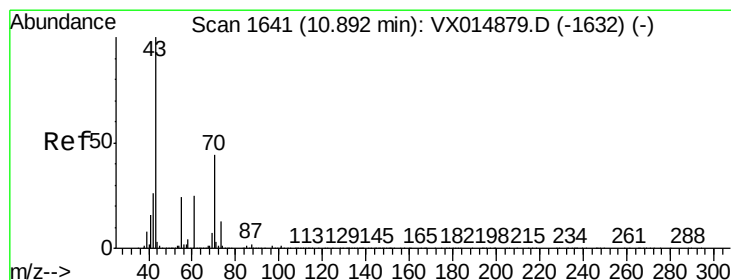
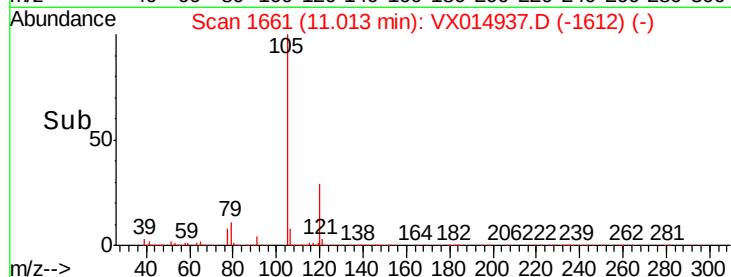
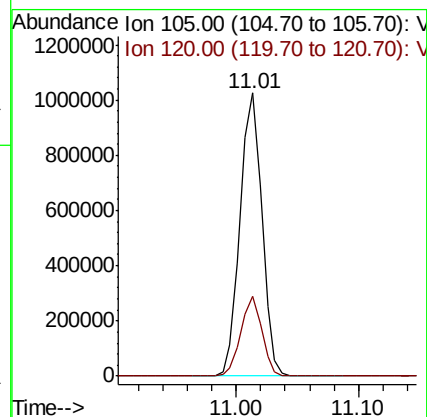
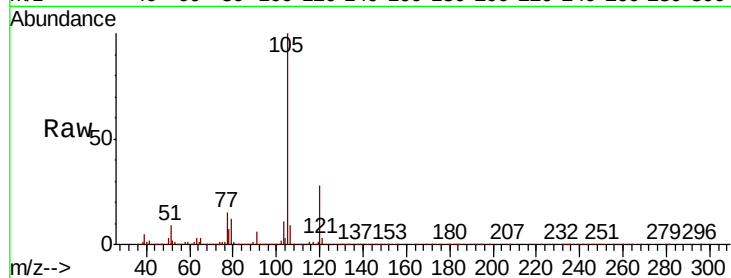
105 100

120 27.1 13.6 40.8

Manual Integrations
APPROVED

apatel

2/17/2020 4:25:10 PM



#74

N-ethyl acetate

Concen: 58.030 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion: 43 Resp: 529302

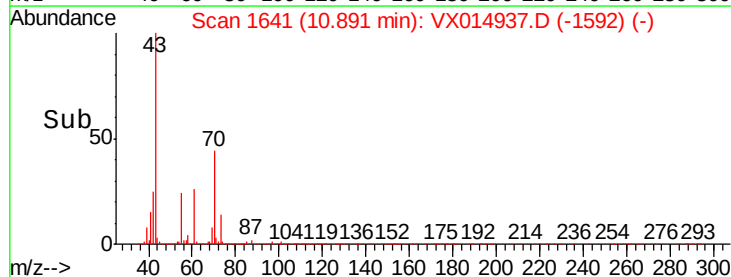
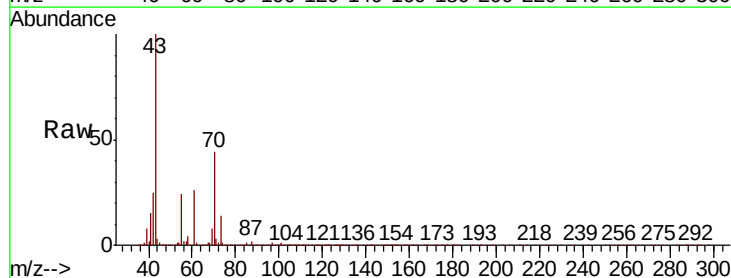
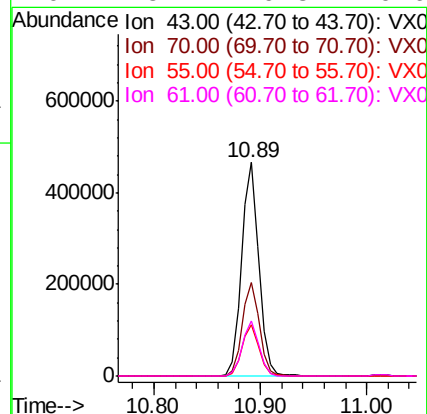
Ion Ratio Lower Upper

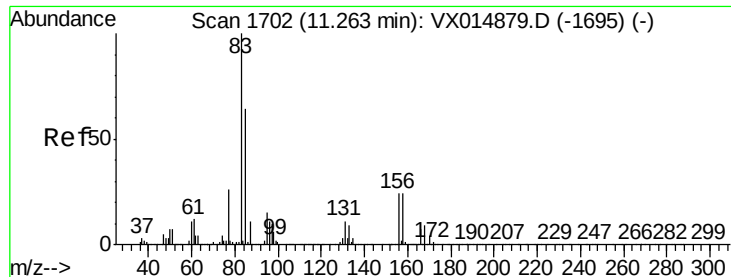
43 100

70 43.9 35.0 52.4

55 23.8 19.4 29.2

61 25.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.855 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

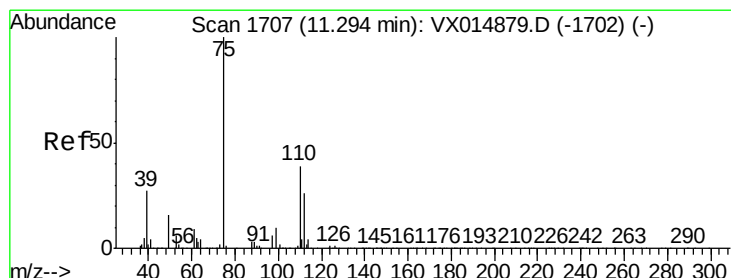
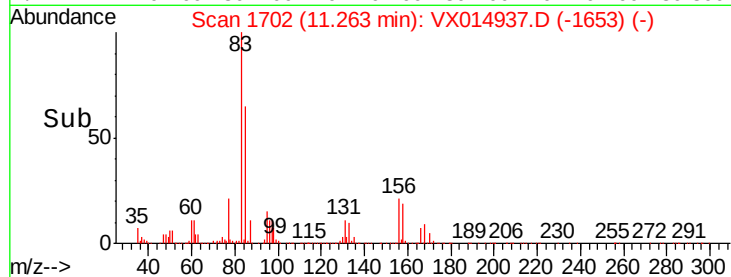
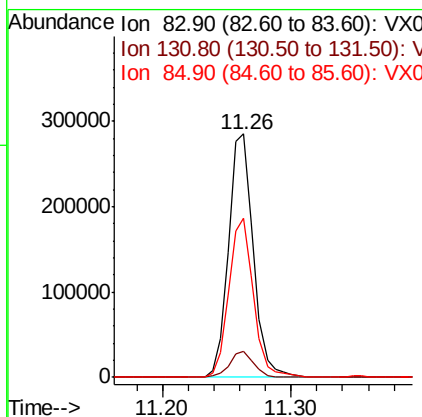
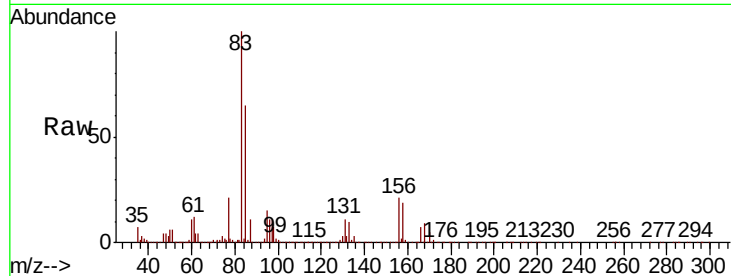
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	386459
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	64.6	32.6	97.7

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#76

1,2,3-Trichloropropane

Concen: 52.125 ug/l m

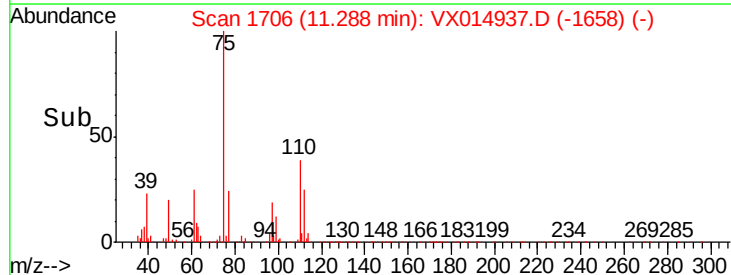
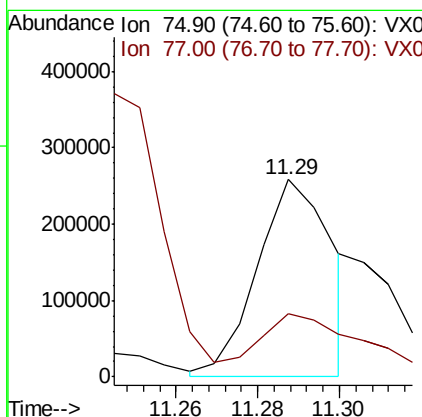
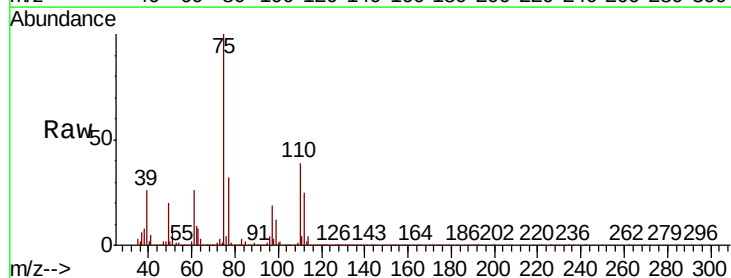
RT: 11.29 min Scan# 1706

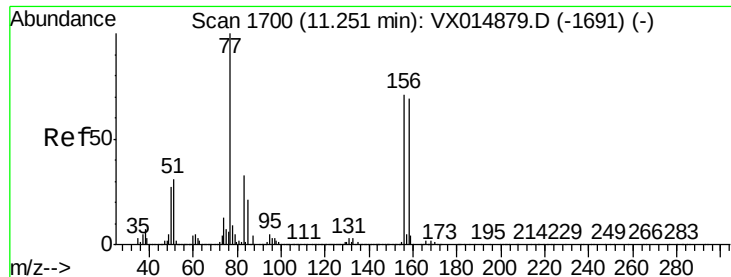
Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	75	Resp:	329951
Ion Ratio	Lower	Upper	
75	100		
77	44.7	18.4	55.0





#77

Bromobenzene

Concen: 54.667 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

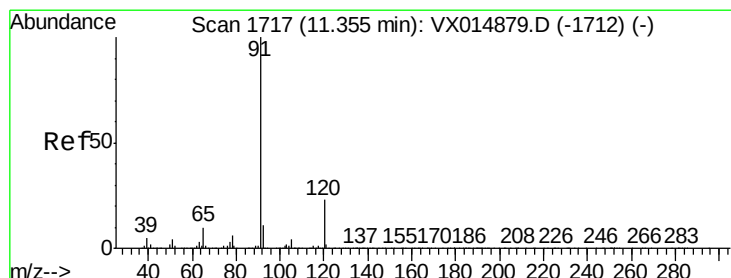
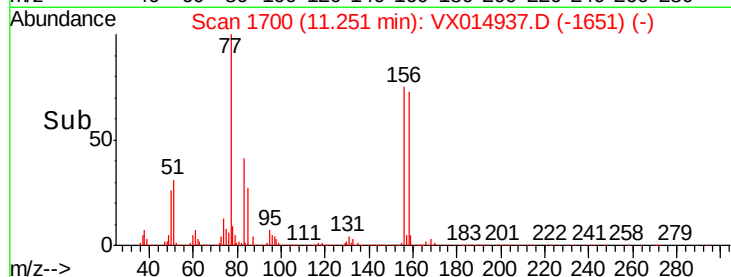
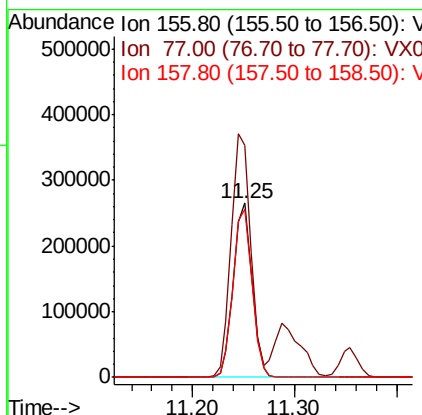
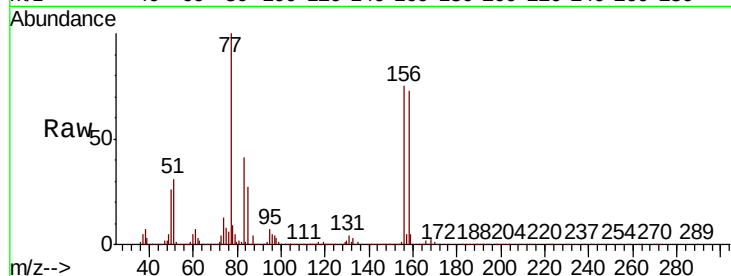
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.8	74.0	222.0
158	98.1	48.9	146.6

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#78

n-propylbenzene

Concen: 57.221 ug/l

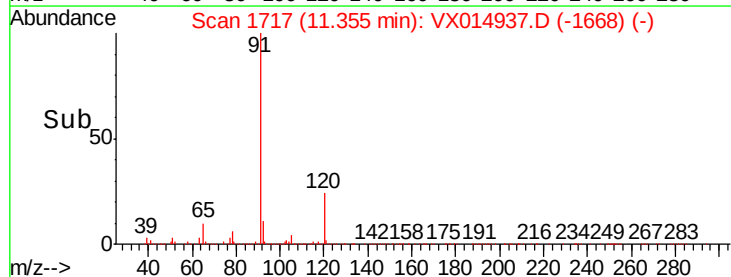
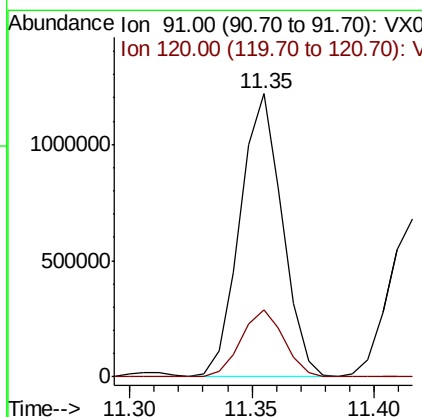
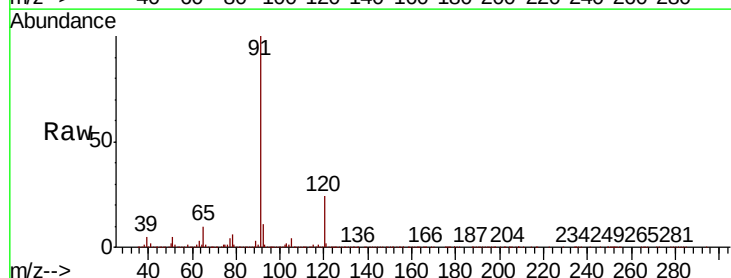
RT: 11.35 min Scan# 1717

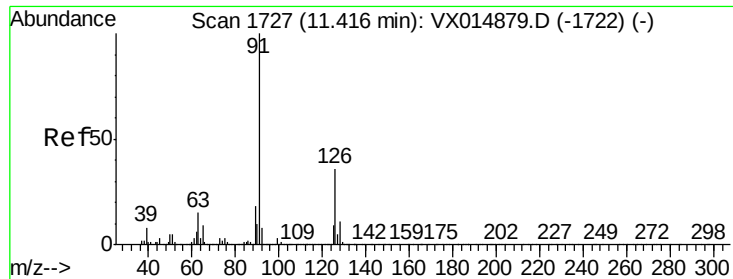
Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.8	35.4





#79

2-Chlorotoluene

Concen: 55.645 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 830580

Ion Ratio Lower Upper

91 100

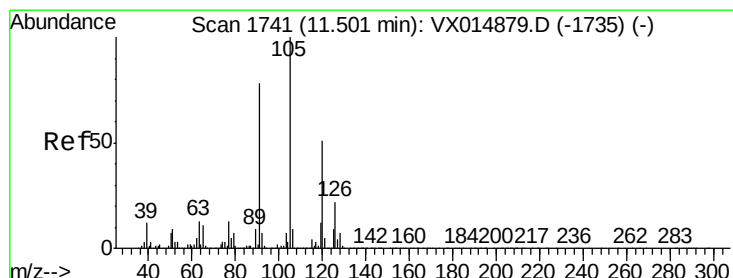
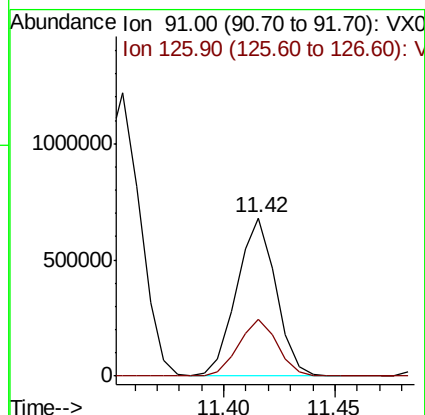
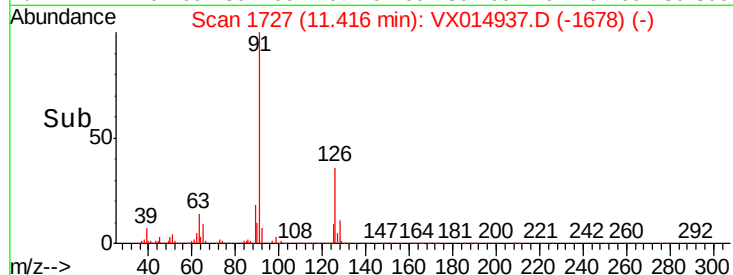
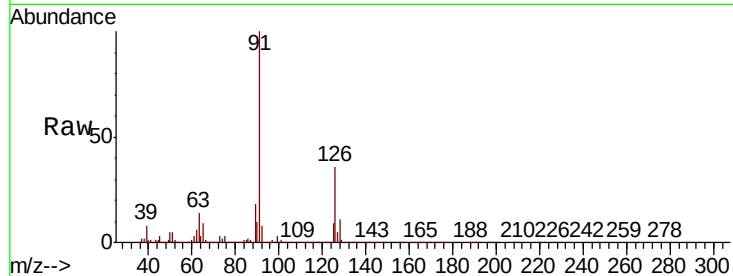
126 35.6 18.0 54.0

Manual Integrations

APPROVED

apatel

2/17/2020 4:25:10 PM



#80

1,3,5-Trimethylbenzene

Concen: 57.878 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014937.D

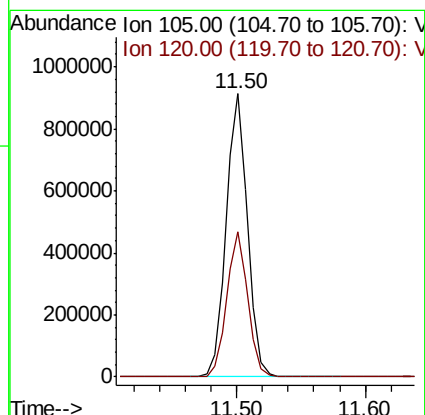
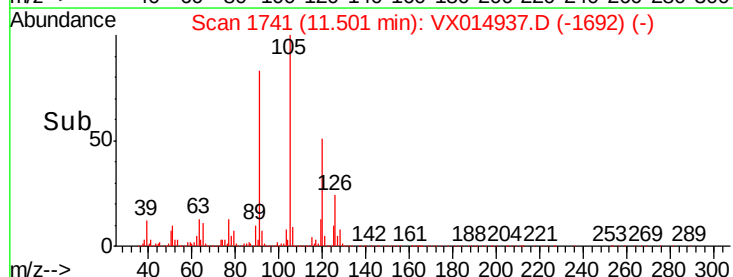
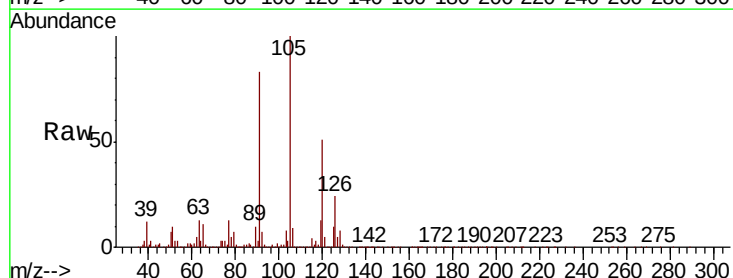
Acq: 14 Feb 2020 09:28

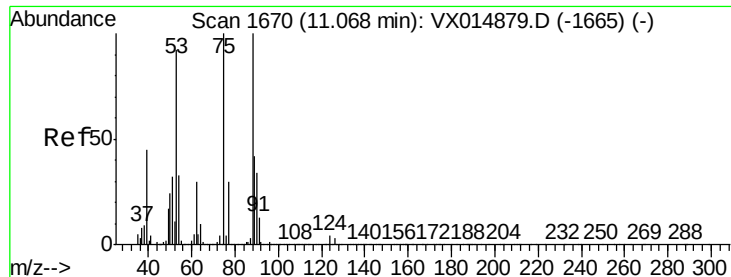
Tgt Ion: 105 Resp: 1061598

Ion Ratio Lower Upper

105 100

120 50.3 25.6 76.6





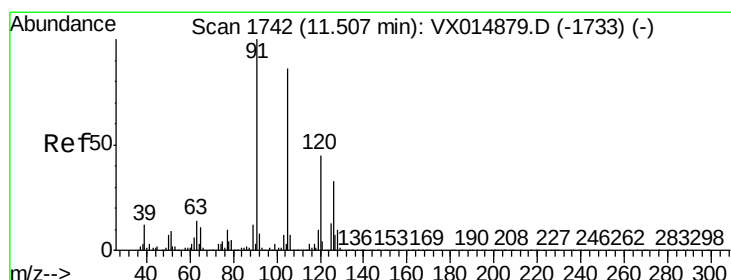
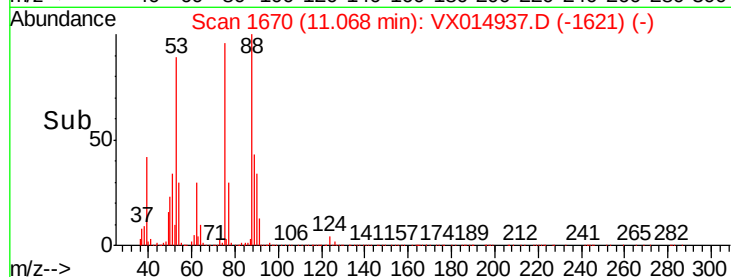
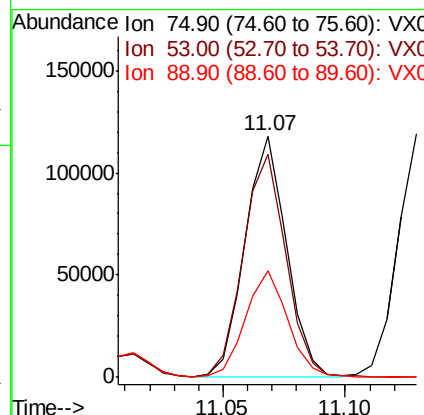
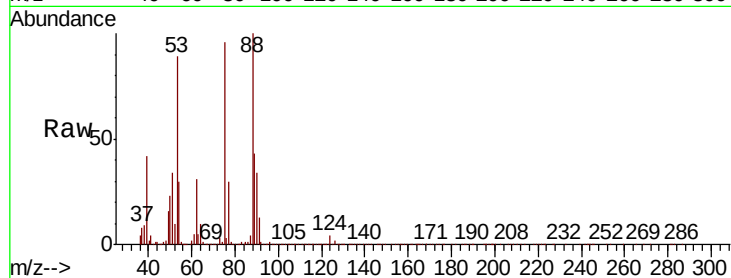
#81
trans-1,4-Dichloro-2-butene
Concen: 55.988 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.6	76.2	114.2
89	45.4	35.8	53.6

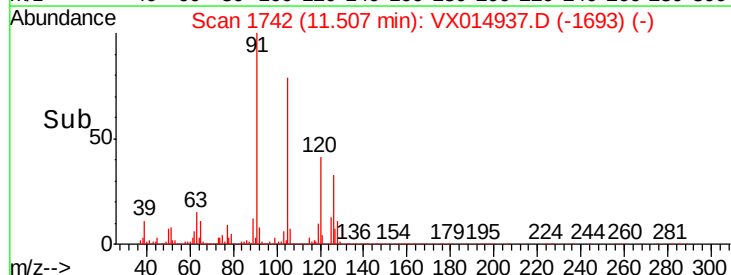
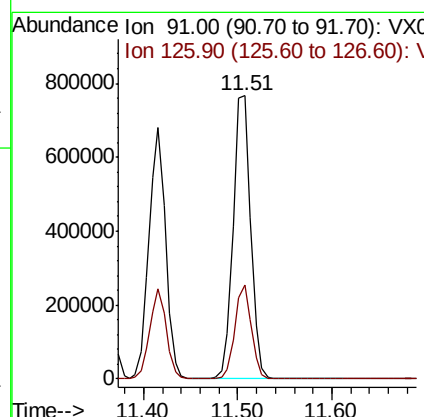
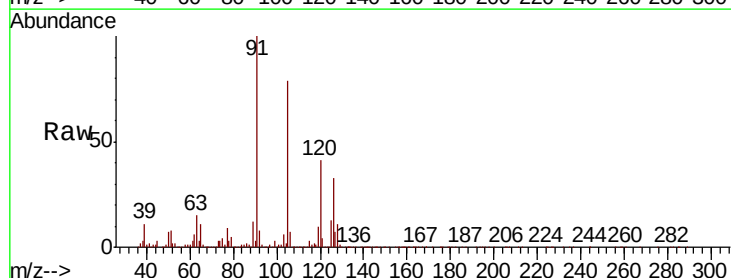
Manual Integrations
APPROVED

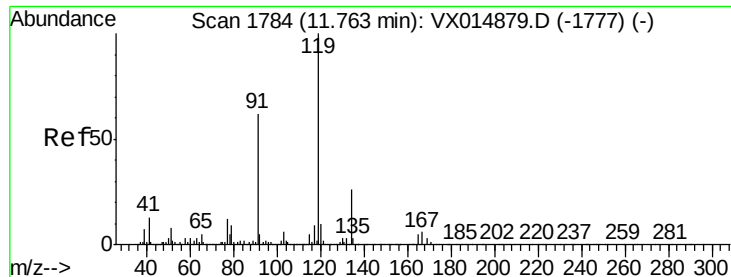
apatel
2/17/2020 4:25:10 PM



#82
4-Chlorotoluene
Concen: 56.126 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.0





#83

tert-Butylbenzene

Concen: 58.816 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

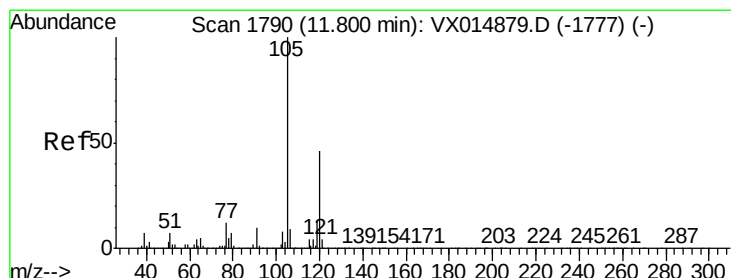
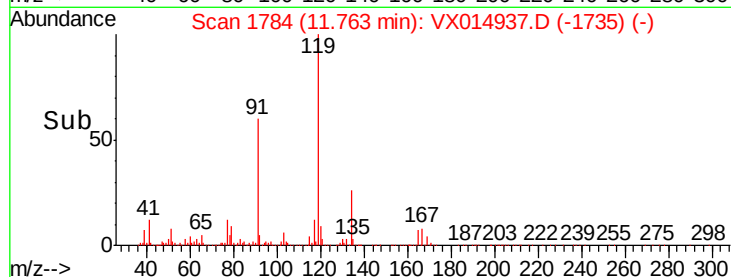
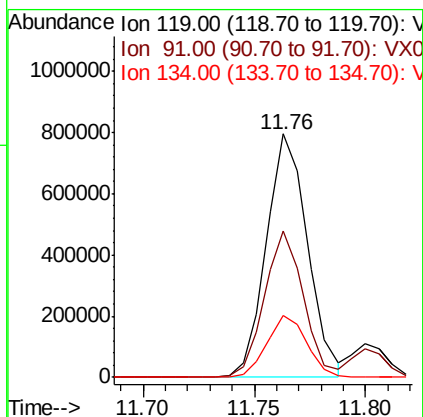
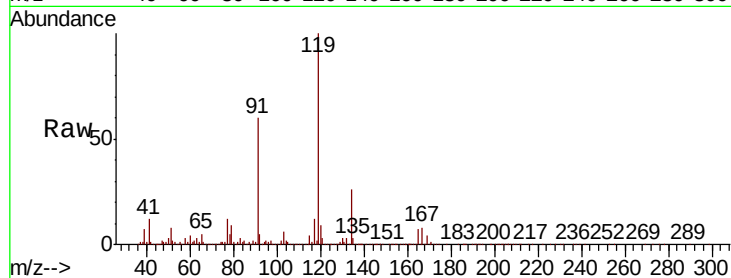
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1021597
Ion	Ratio	Lower	Upper
119	100		
91	56.9	29.5	88.6
134	24.7	12.6	37.6

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#84

1,2,4-Trimethylbenzene

Concen: 57.773 ug/l

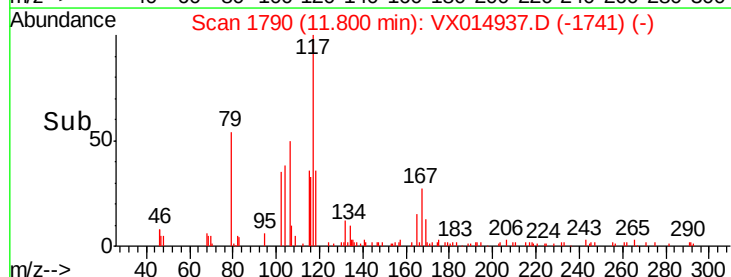
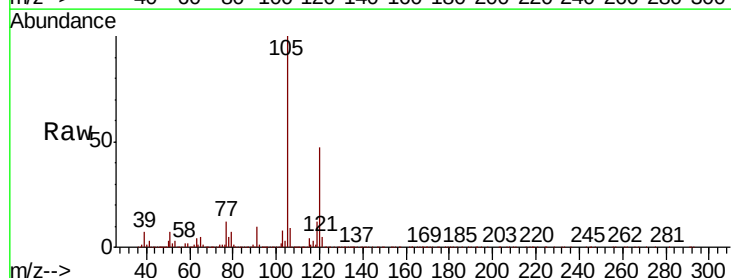
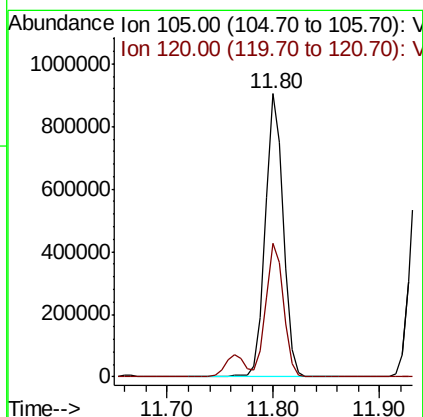
RT: 11.80 min Scan# 1790

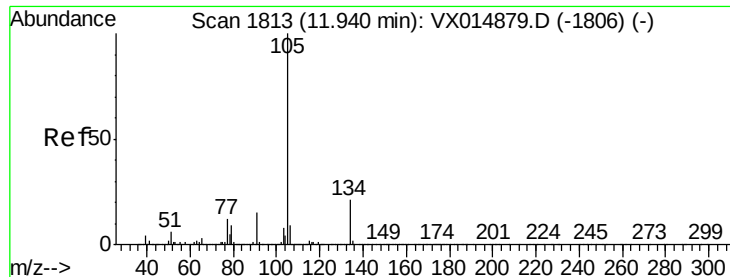
Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	105	Resp:	1067924
Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 57.739 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1245867

Ion Ratio Lower Upper

105 100

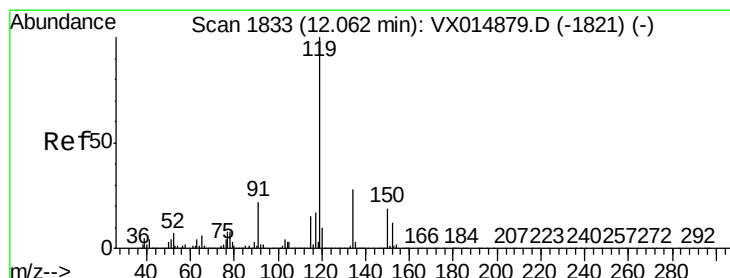
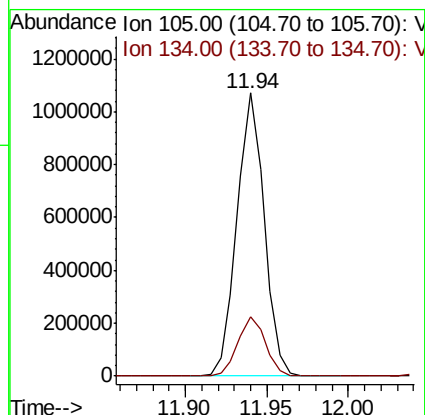
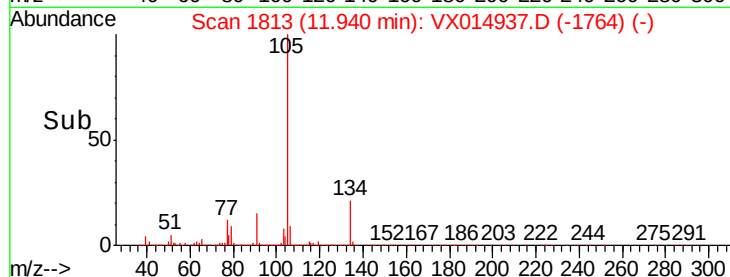
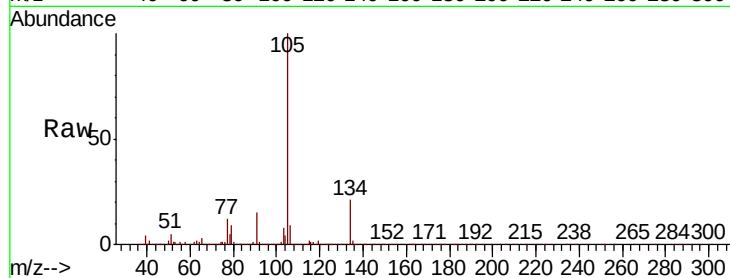
134 21.1 10.6 31.8

Manual Integrations

APPROVED

apatel

2/17/2020 4:25:10 PM



#86

p-Isopropyltoluene

Concen: 57.978 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

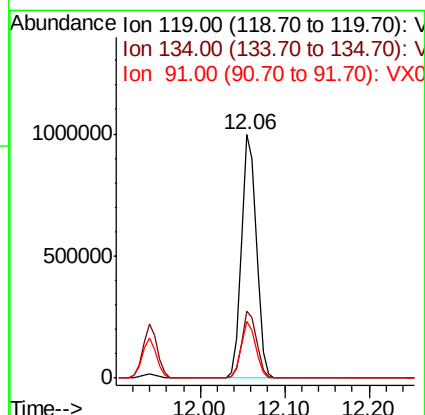
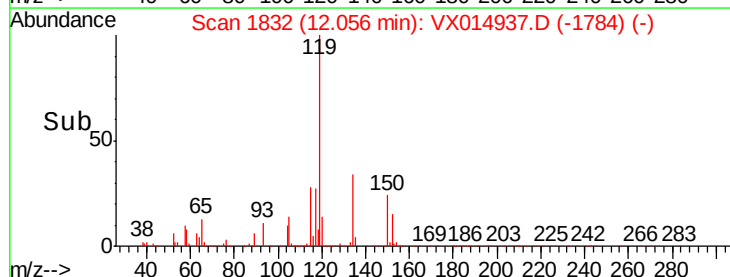
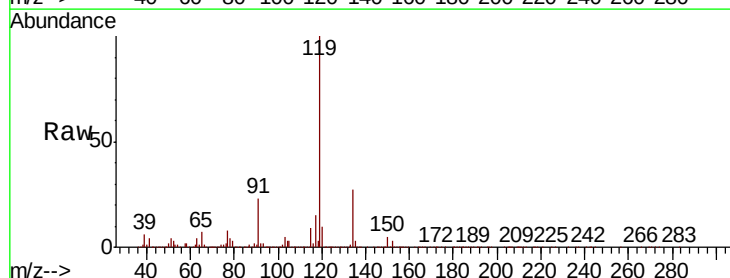
Tgt Ion:119 Resp: 1170693

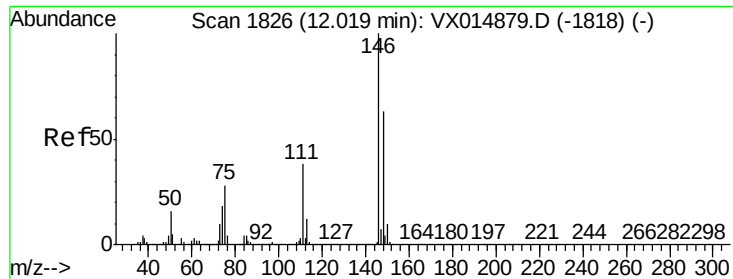
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 22.6 11.4 34.1





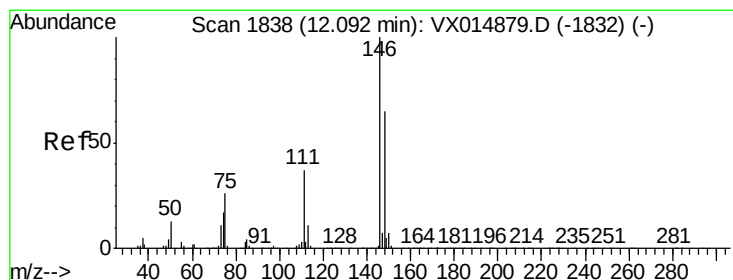
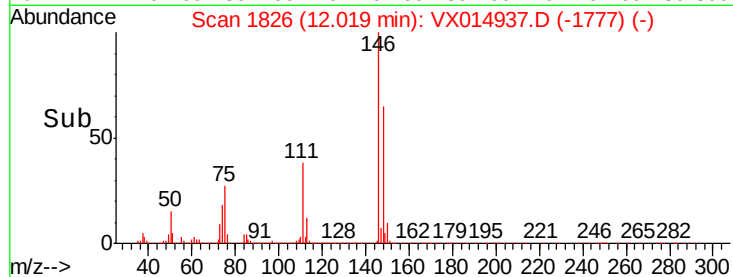
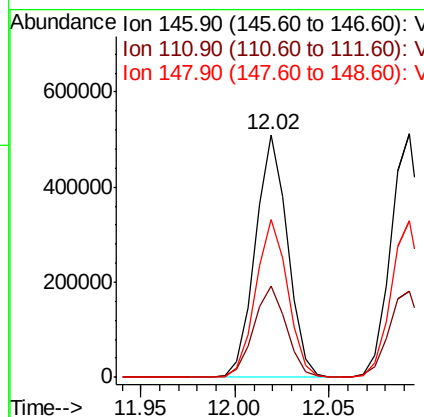
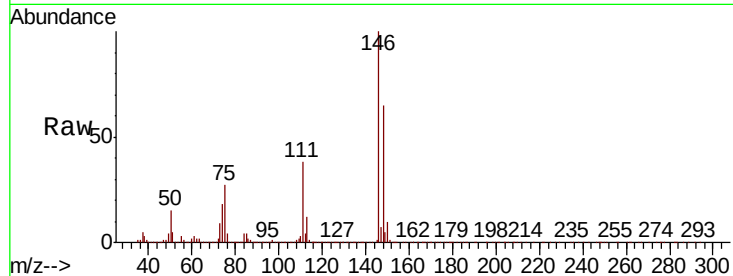
#87
 1,3-Dichlorobenzene
 Concen: 54.878 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	64.9	31.8	95.4

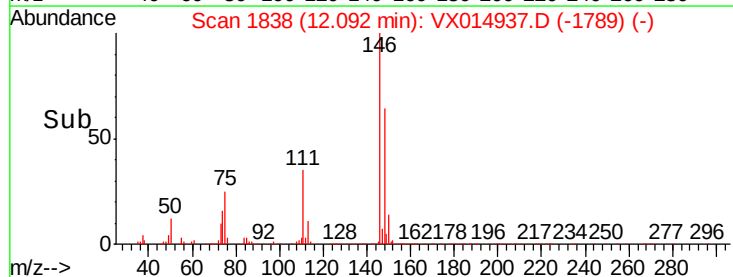
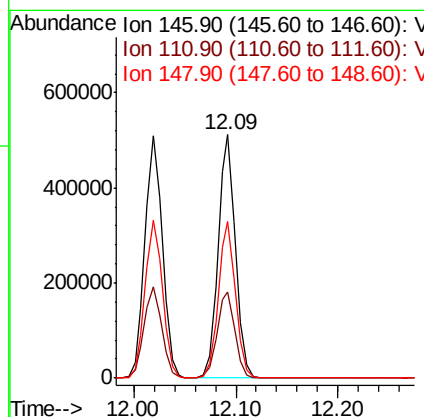
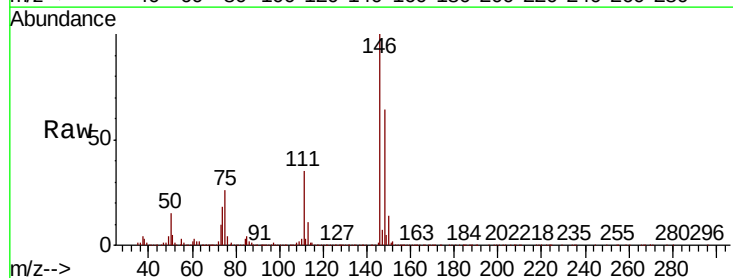
Manual Integrations
 APPROVED

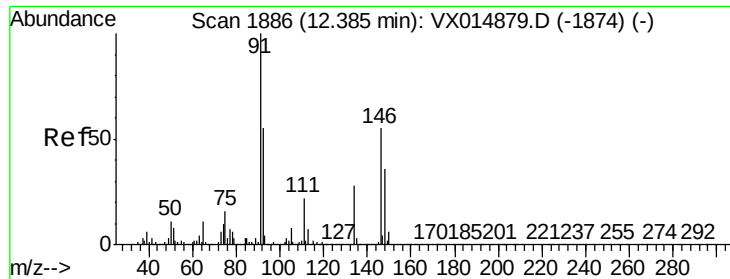
apatel
 2/17/2020 4:25:10 PM



#88
 1,4-Dichlorobenzene
 Concen: 54.515 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	64.1	32.4	97.0





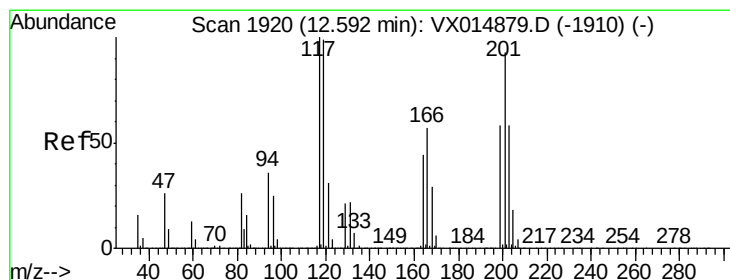
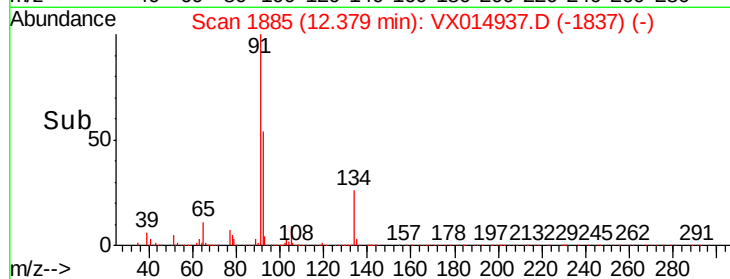
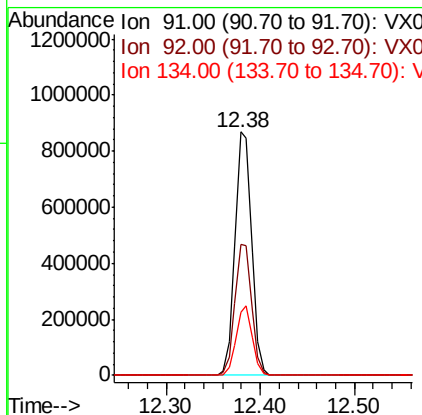
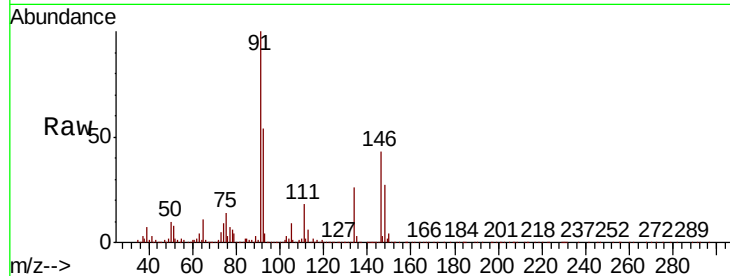
#89
n-Butylbenzene
Concen: 58.583 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.8
134	27.6	13.8	41.4

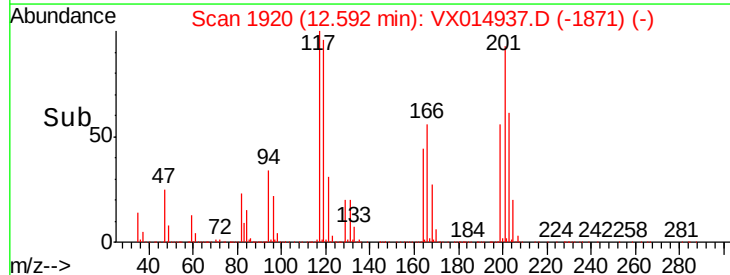
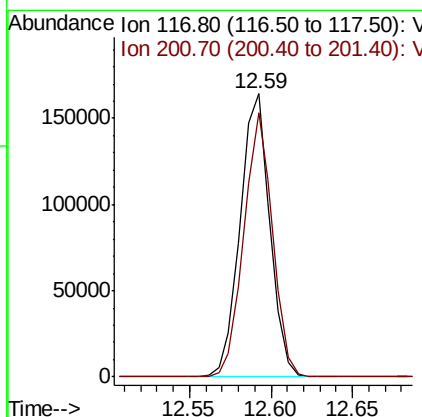
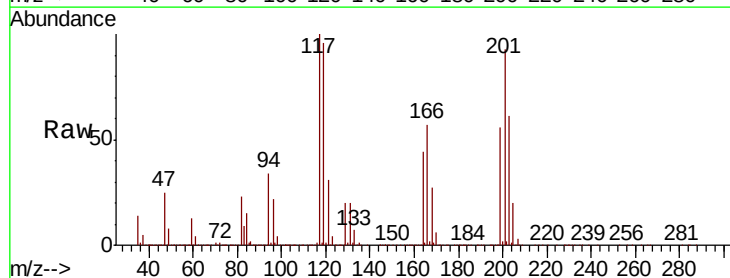
Manual Integrations
APPROVED

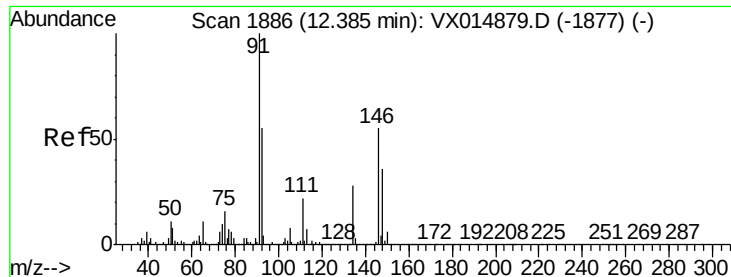
apatel
2/17/2020 4:25:10 PM



#90
Hexachloroethane
Concen: 59.335 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014937.D
Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 55.198 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

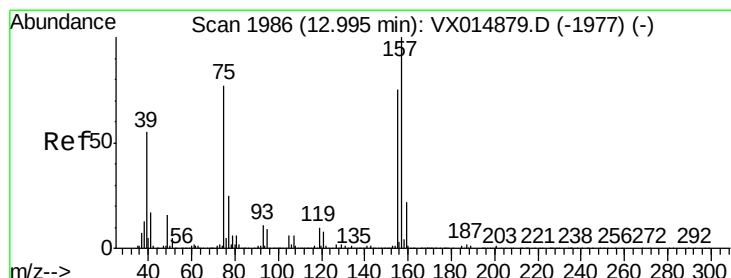
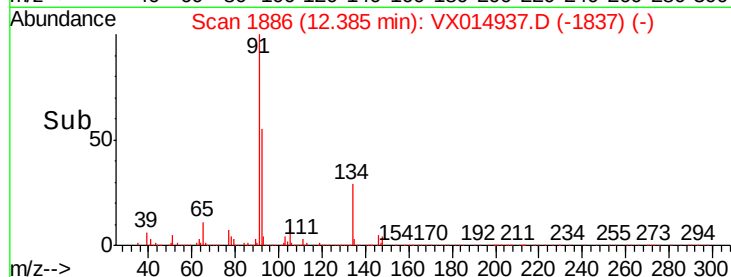
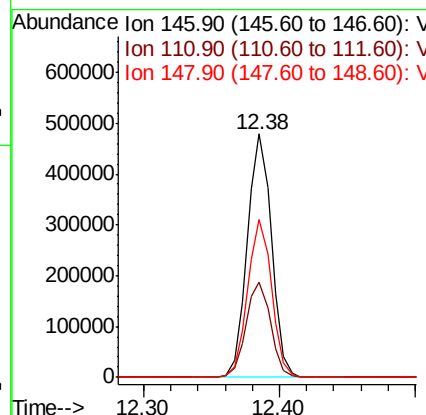
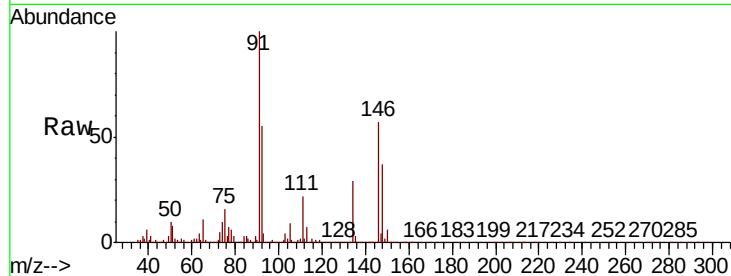
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	594998
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.8	59.3
148	64.2	32.4	97.2

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.638 ug/l

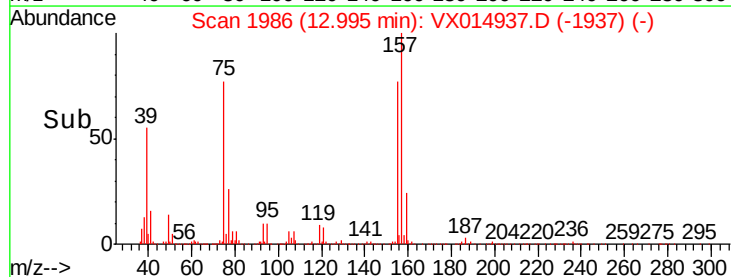
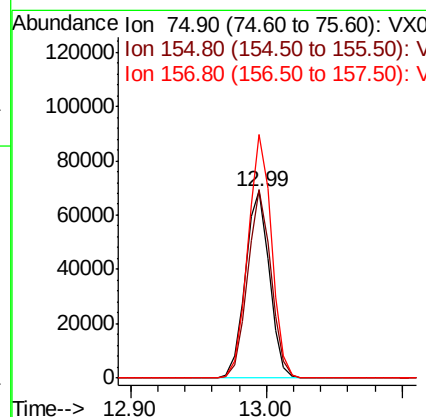
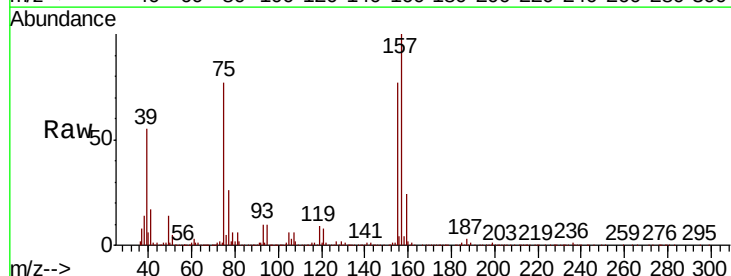
RT: 12.99 min Scan# 1986

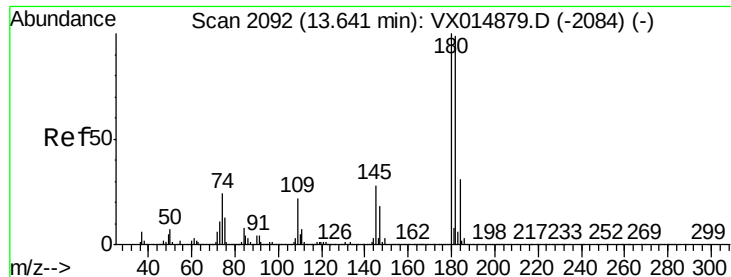
Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	75	Resp:	85249
Ion Ratio	Lower	Upper	
75	100		
155	97.5	48.6	145.9
157	126.9	62.0	186.0





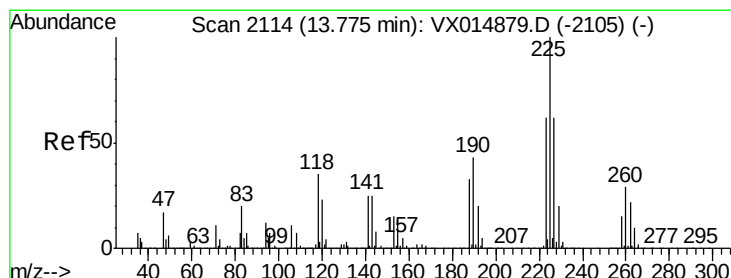
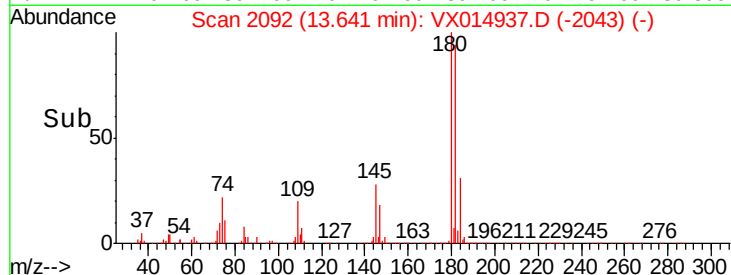
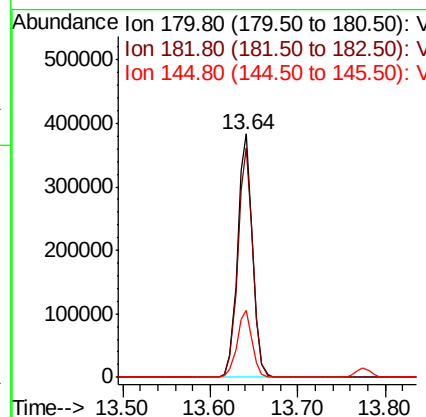
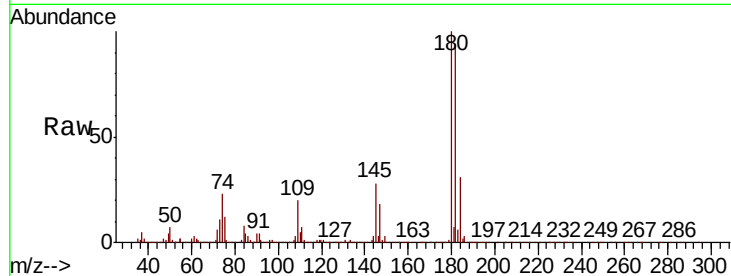
#93
 1,2,4-Trichlorobenzene
 Concen: 57.698 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	459063		
182	94.6		48.4	145.3
145	27.5		14.1	42.4

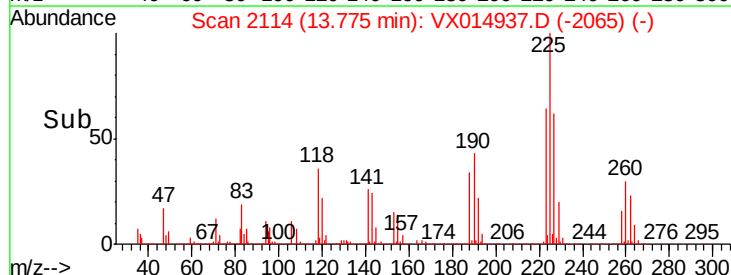
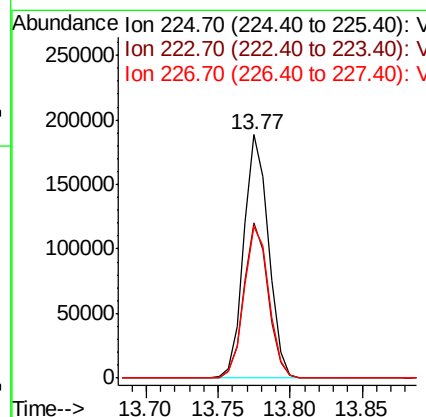
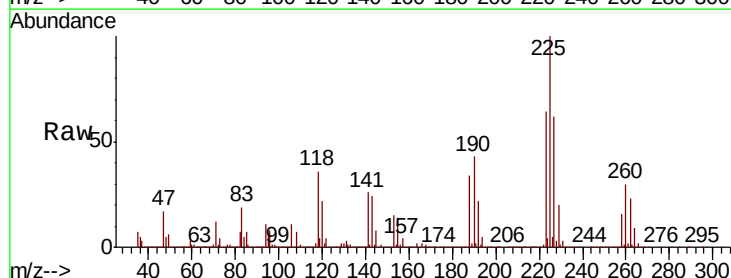
Manual Integrations
 APPROVED

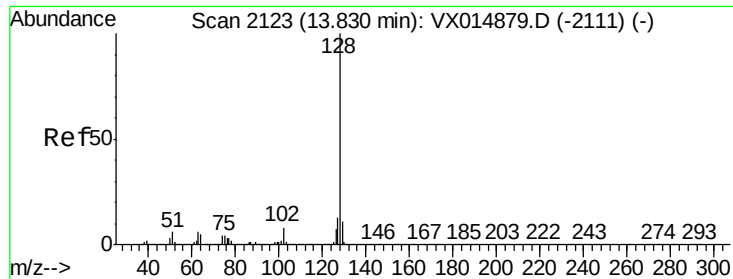
apatel
 2/17/2020 4:25:10 PM



#94
 Hexachlorobutadiene
 Concen: 58.189 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014937.D
 Acq: 14 Feb 2020 09:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	223927		
223	62.8		31.1	93.2
227	63.1		30.9	92.5





#95

Naphthalene

Concen: 59.269 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Instrument :

MSVOA_X

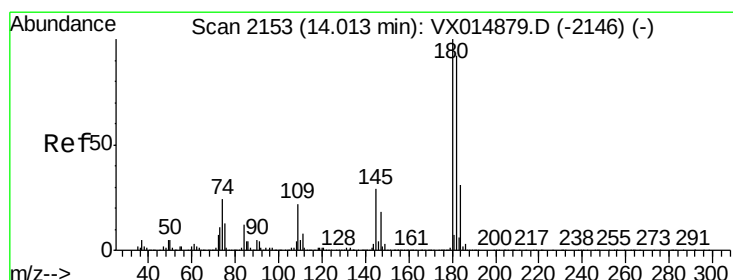
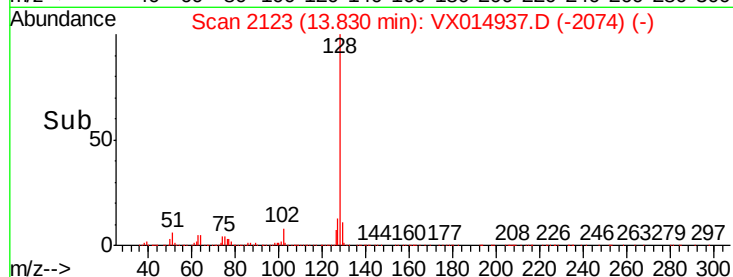
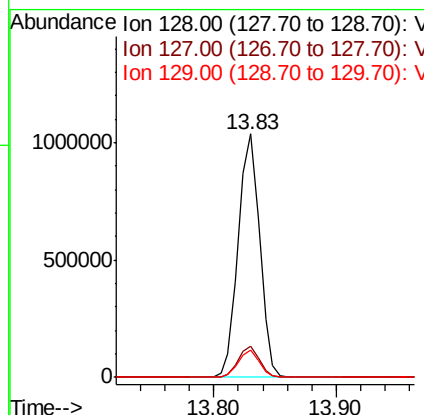
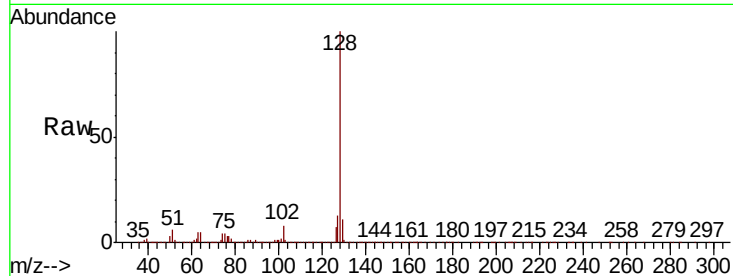
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1253805
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 57.462 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014937.D

Acq: 14 Feb 2020 09:28

Tgt Ion:	180	Resp:	441702
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	29.5	14.5	43.5

