

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014449.D
 Acq On : 07 Jan 2020 15:07
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:16:00 AM

Quant Time: Jan 07 15:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	540072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	819943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	743396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	389206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	592962	97.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.60%	
35) Dibromofluoromethane	5.49	113	498197	100.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.20%	
50) Toluene-d8	8.71	98	1937507	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
62) 4-Bromofluorobenzene	11.13	95	707369	100.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	680263	130.295	ug/l	99
3) Chloromethane	1.32	50	679811	102.780	ug/l	100
4) Vinyl Chloride	1.40	62	790375	110.832	ug/l	98
5) Bromomethane	1.63	94	530400	107.999	ug/l	99
6) Chloroethane	1.71	64	418325	97.544	ug/l	99
7) Trichlorofluoromethane	1.92	101	848049	98.797	ug/l	100
8) Diethyl Ether	2.18	74	370950	92.945	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	501399	96.998	ug/l	99
10) Methyl Iodide	2.50	142	702476	111.185	ug/l	100
11) Tert butyl alcohol	3.03	59	581404	433.979	ug/l	98
12) 1,1-Dichloroethene	2.37	96	508377	96.743	ug/l	97
13) Acrolein	2.28	56	493650	599.734	ug/l	98
14) Allyl chloride	2.72	41	905131	96.850	ug/l	99
15) Acrylonitrile	3.13	53	1459504	470.062	ug/l	100
16) Acetone	2.44	43	1471301	382.845	ug/l	99
17) Carbon Disulfide	2.56	76	1438276	93.329	ug/l	100
18) Methyl Acetate	2.76	43	866762	106.229	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1681785	97.784	ug/l	100
20) Methylene Chloride	2.85	84	561679	89.190	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	551703	95.615	ug/l	99
22) Diisopropyl ether	3.84	45	1783547	95.977	ug/l	99
23) Vinyl Acetate	3.81	43	6986229	466.623	ug/l	98
24) 1,1-Dichloroethane	3.69	63	967737	93.560	ug/l	100
25) 2-Butanone	4.65	43	2154907	444.185	ug/l	100
26) 2,2-Dichloropropane	4.58	77	819654	101.275	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	625626	95.978	ug/l	99
28) Bromochloromethane	5.01	49	387657	108.277	ug/l	99
29) Tetrahydrofuran	5.11	42	1318487	476.847	ug/l	99
30) Chloroform	5.20	83	940914	96.054	ug/l	98
31) Cyclohexane	5.57	56	926008	99.827	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	822012	98.099	ug/l	100
36) 1,1-Dichloropropene	5.79	75	752369	99.152	ug/l	99
37) Ethyl Acetate	4.82	43	809902	97.184	ug/l	99
38) Carbon Tetrachloride	5.78	117	720904	104.109	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014449.D
 Acq On : 07 Jan 2020 15:07
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:16:00 AM

Quant Time: Jan 07 15:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	961074	101.878	ug/l	99
40) Benzene	6.14	78	2245137	96.515	ug/l	99
41) Methacrylonitrile	5.03	41	450261	97.136	ug/l	99
42) 1,2-Dichloroethane	6.18	62	759744	96.331	ug/l	100
43) Isopropyl Acetate	6.43	43	1350168	97.751	ug/l	100
44) Trichloroethene	7.21	130	628937	96.944	ug/l	99
45) 1,2-Dichloropropane	7.51	63	575941	96.626	ug/l	99
46) Dibromomethane	7.65	93	373921	94.559	ug/l	98
47) Bromodichloromethane	7.89	83	755648	101.589	ug/l	98
48) Methyl methacrylate	7.76	41	667373	98.733	ug/l	99
49) 1,4-Dioxane	7.73	88	237183	1712.511	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	4060656	469.684	ug/l	99
52) Toluene	8.78	92	1415360	96.078	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	883354	108.108	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	959956	105.468	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	564492	95.753	ug/l	99
56) Ethyl methacrylate	9.17	69	932494	100.940	ug/l	99
57) 1,3-Dichloropropane	9.37	76	948238	96.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1607349	471.158	ug/l	100
59) 2-Hexanone	9.49	43	3200482	462.858	ug/l	99
60) Dibromochloromethane	9.58	129	624369	106.286	ug/l	99
61) 1,2-Dibromoethane	9.67	107	602770	99.930	ug/l	98
64) Tetrachloroethene	9.33	164	686991	101.279	ug/l	99
65) Chlorobenzene	10.14	112	1540561	96.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	569507	100.188	ug/l	98
67) Ethyl Benzene	10.25	91	2704822	99.047	ug/l	100
68) m/p-Xylenes	10.35	106	2088189	198.461	ug/l	99
69) o-Xylene	10.70	106	1006956	98.003	ug/l	99
70) Styrene	10.71	104	1777773	102.235	ug/l	100
71) Bromoform	10.85	173	501849	109.439	ug/l #	100
73) Isopropylbenzene	11.01	105	2639153	95.932	ug/l	99
74) N-amyl acetate	10.89	43	1230427	96.342	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	854761	91.062	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	825786m	99.994	ug/l	
77) Bromobenzene	11.25	156	706498	93.216	ug/l	99
78) n-propylbenzene	11.35	91	3063727	99.292	ug/l	100
79) 2-Chlorotoluene	11.42	91	1785934	95.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2244836	97.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	326330	108.286	ug/l	98
82) 4-Chlorotoluene	11.51	91	2099318	96.530	ug/l	99
83) tert-Butylbenzene	11.77	119	2153493	96.364	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2276469	98.409	ug/l	100
85) sec-Butylbenzene	11.94	105	2640784	99.179	ug/l	100
86) p-Isopropyltoluene	12.06	119	2460277	100.825	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1278908	96.181	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1268827	93.575	ug/l	99
89) n-Butylbenzene	12.39	91	2235934	106.925	ug/l	100
90) Hexachloroethane	12.59	117	448445	102.762	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1250507	93.796	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	193544	91.698	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010720\
Data File : VX014449.D
Acq On : 07 Jan 2020 15:07
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

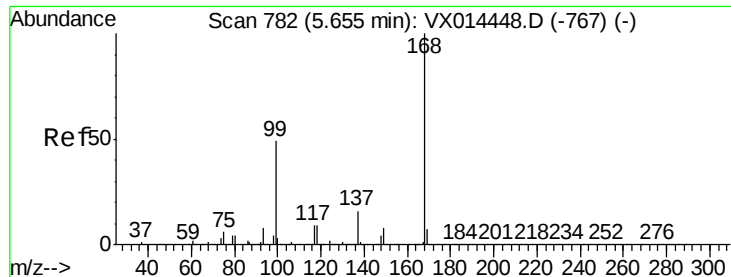
Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM

Quant Time: Jan 07 15:36:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	933697	105.670	ug/l	98
94) Hexachlorobutadiene	13.78	225	440078	103.741	ug/l	99
95) Naphthalene	13.83	128	2727283	105.481	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	922076	106.186	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 168 Resp: 540072

Ion Ratio Lower Upper

168 100

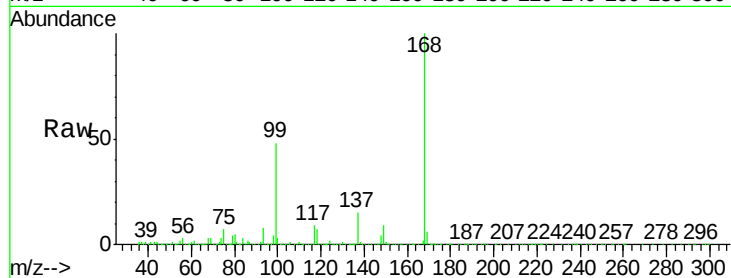
99 48.0 39.2 58.8

Manual Integrations

APPROVED

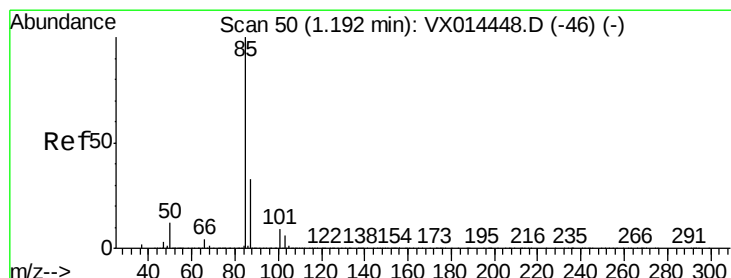
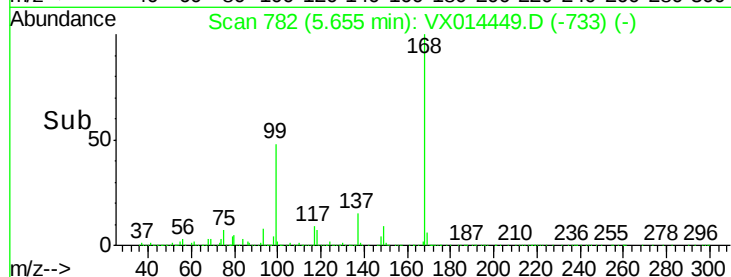
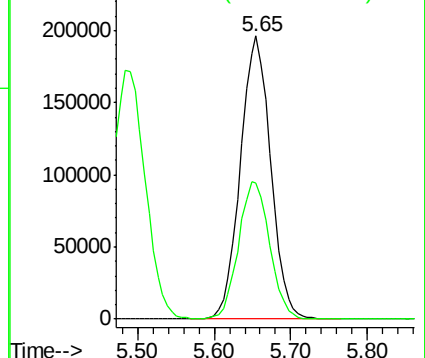
apatel

1/8/2020 9:16:00 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 130.295 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014449.D

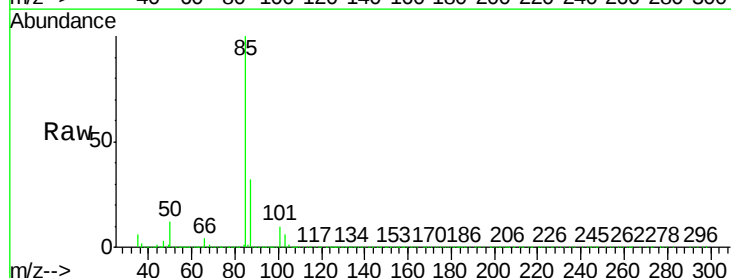
Acq: 07 Jan 2020 15:07

Tgt Ion: 85 Resp: 680263

Ion Ratio Lower Upper

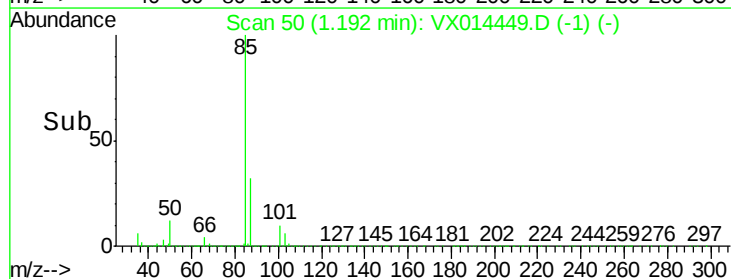
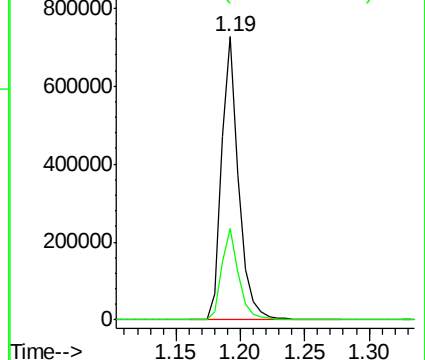
85 100

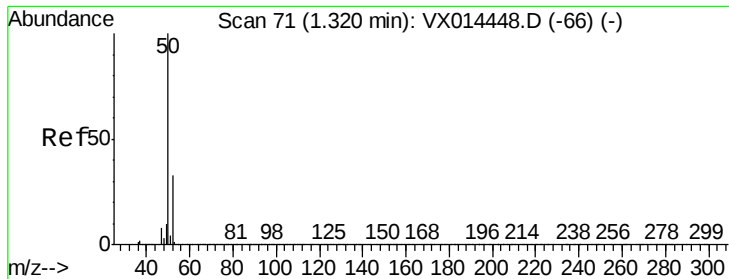
87 32.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 102.780 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 679811

Ion Ratio Lower Upper

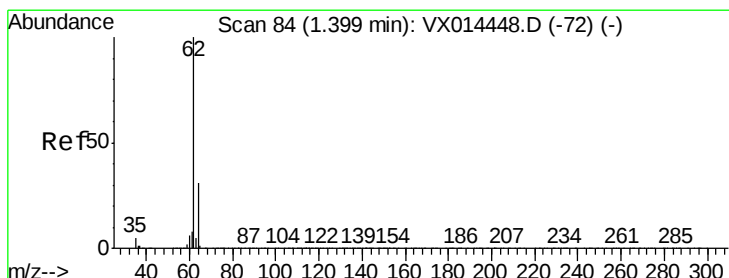
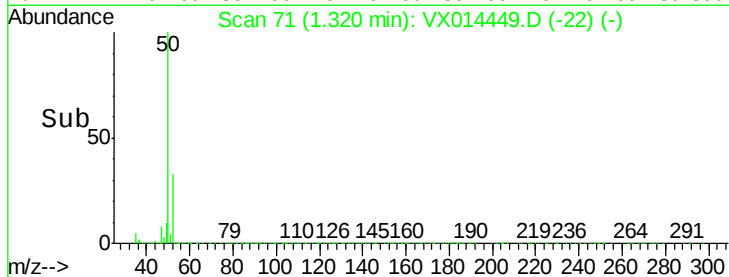
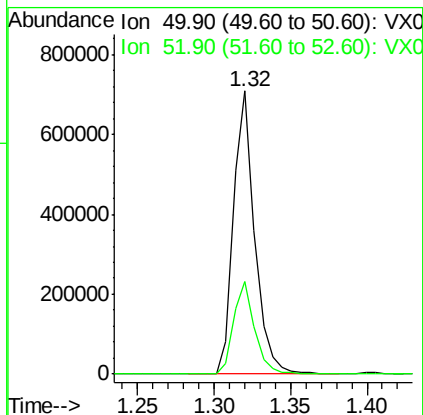
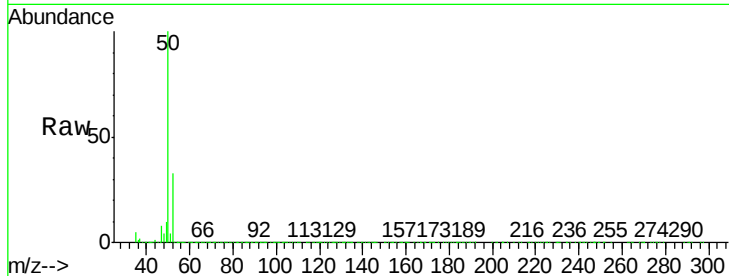
50 100

52 32.5 26.1 39.1

Manual Integrations
APPROVED

apatel

1/8/2020 9:16:00 AM



#4

Vinyl Chloride

Concen: 110.832 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014449.D

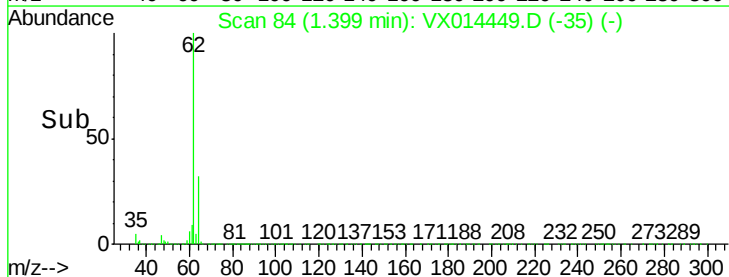
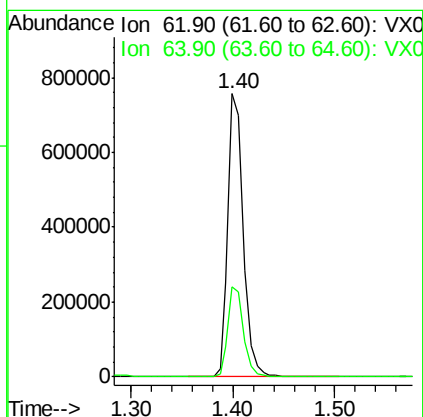
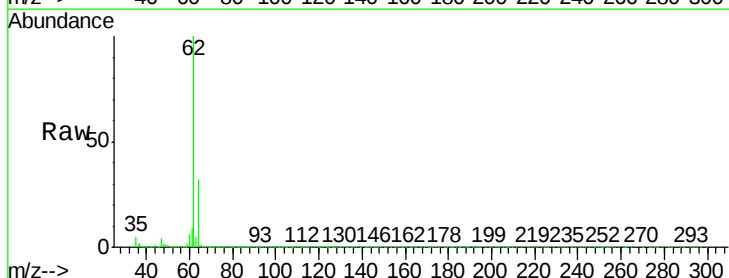
Acq: 07 Jan 2020 15:07

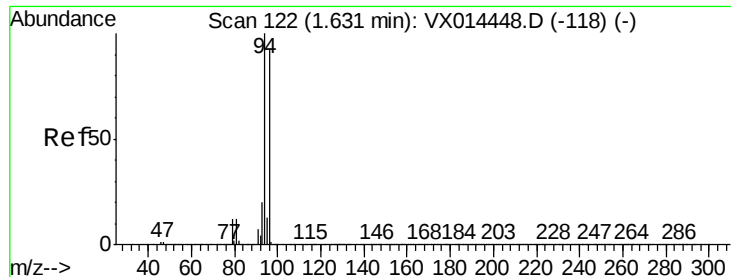
Tgt Ion: 62 Resp: 790375

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0





#5

Bromomethane

Concen: 107.999 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 94 Resp: 530400

Ion Ratio Lower Upper

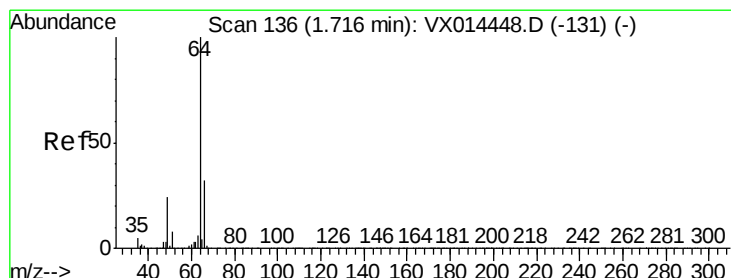
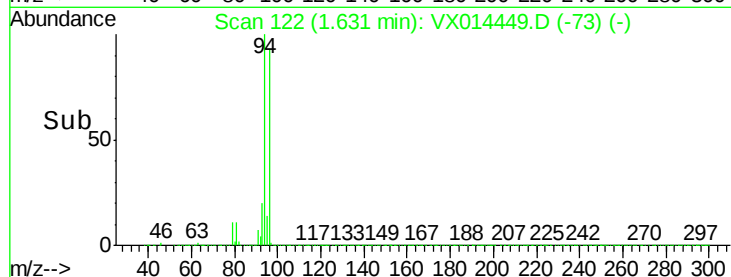
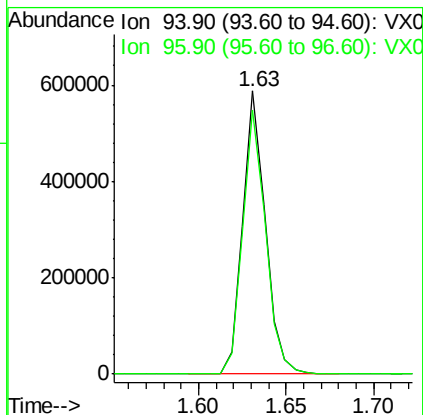
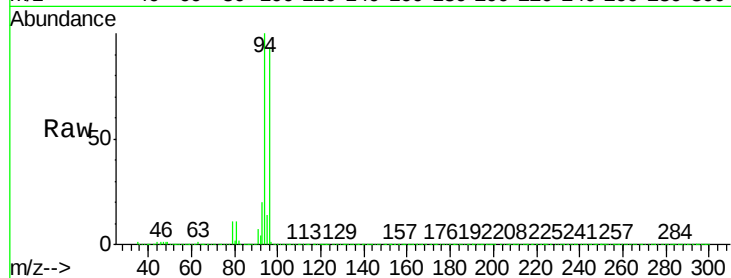
94 100

96 93.3 74.2 111.2

Manual Integrations
APPROVED

apatel

1/8/2020 9:16:00 AM



#6

Chloroethane

Concen: 97.544 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014449.D

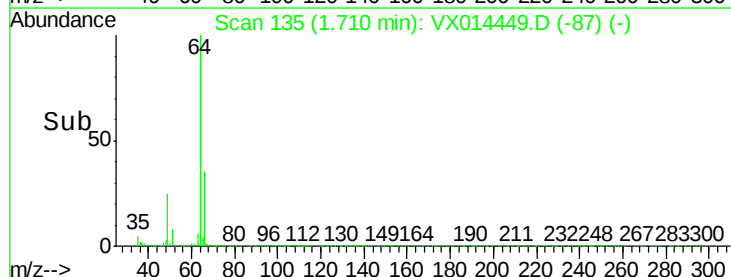
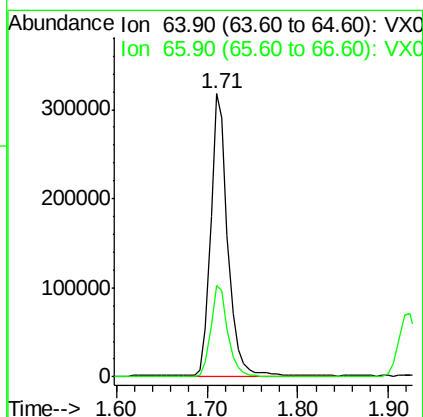
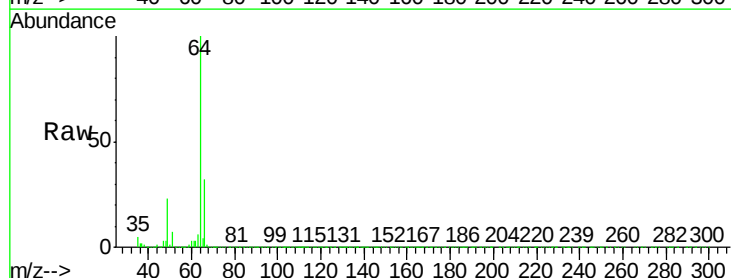
Acq: 07 Jan 2020 15:07

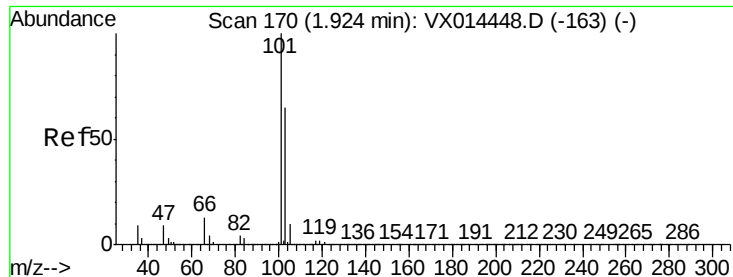
Tgt Ion: 64 Resp: 418325

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9





#7

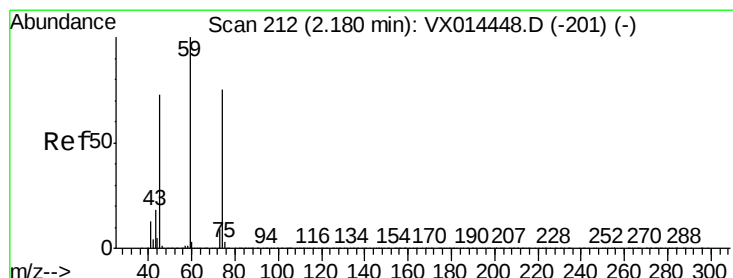
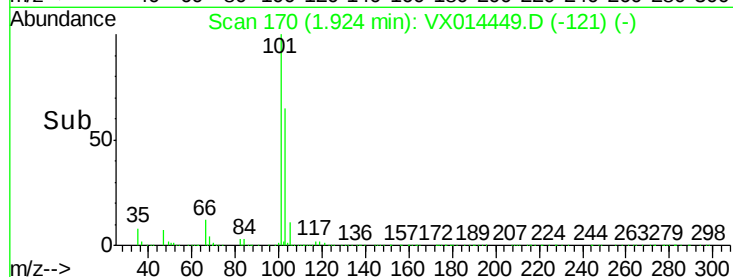
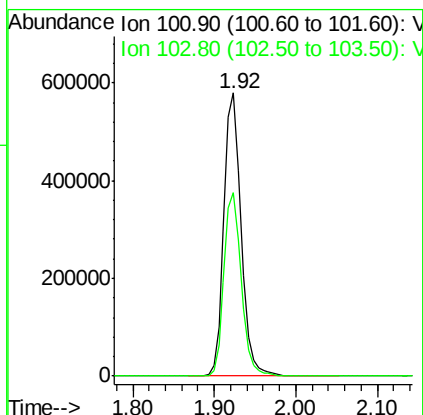
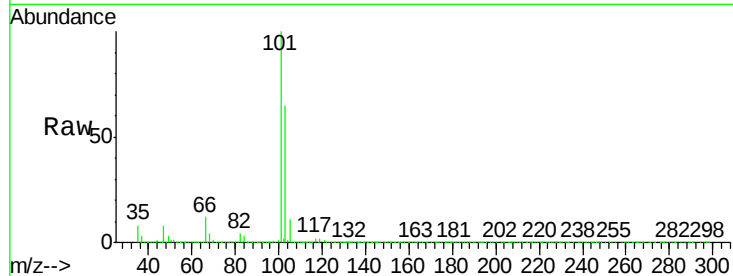
Trichlorofluoromethane
Concen: 98.797 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.2	78.4

Manual Integrations
APPROVED

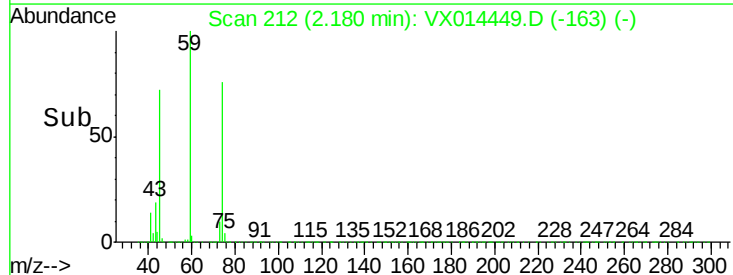
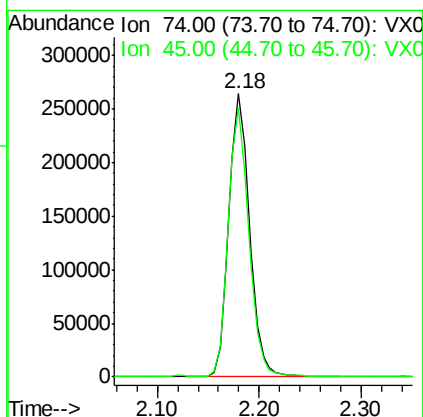
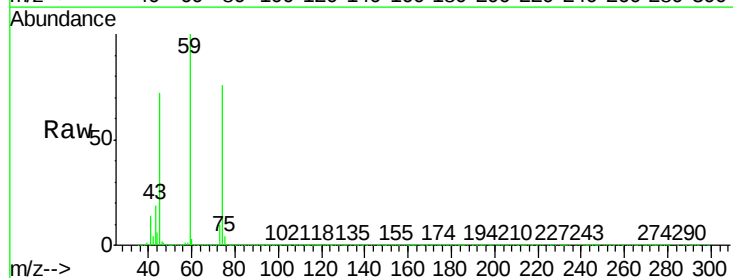
apatel
1/8/2020 9:16:00 AM

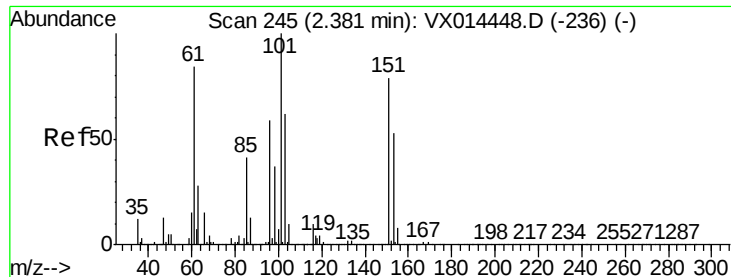


#8

Diethyl Ether
Concen: 92.945 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.998 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

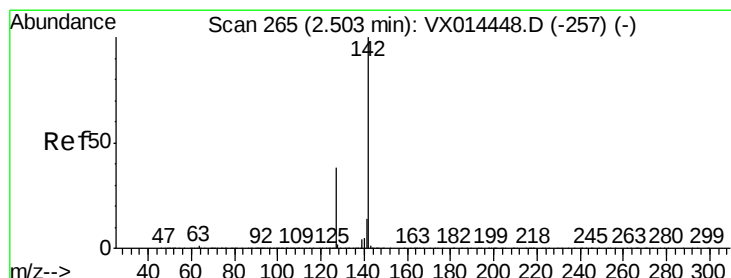
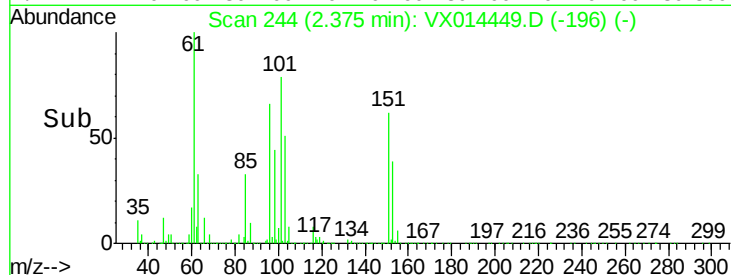
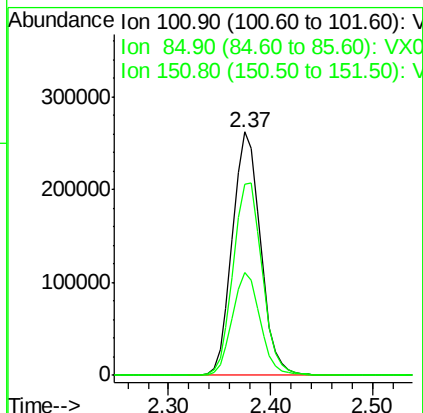
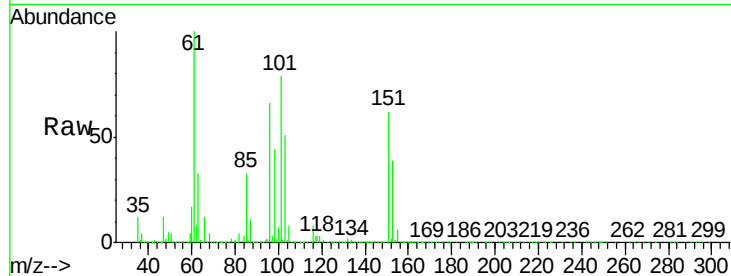
ClientSampleId :

VSTDIC100

Tgt Ion:	101	Resp:	501399
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.8	50.8
151	81.8	65.3	97.9

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#10

Methyl Iodide

Concen: 111.185 ug/l

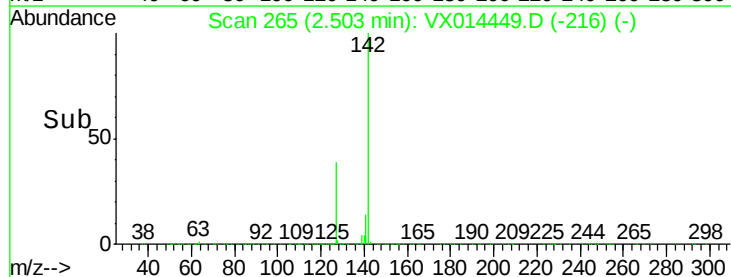
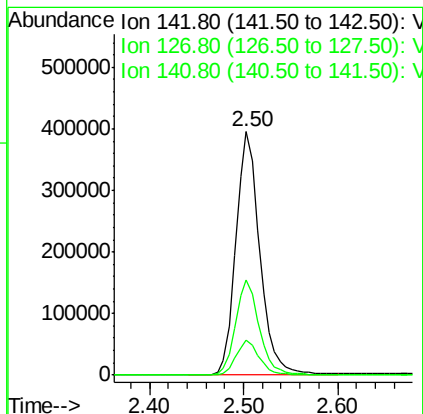
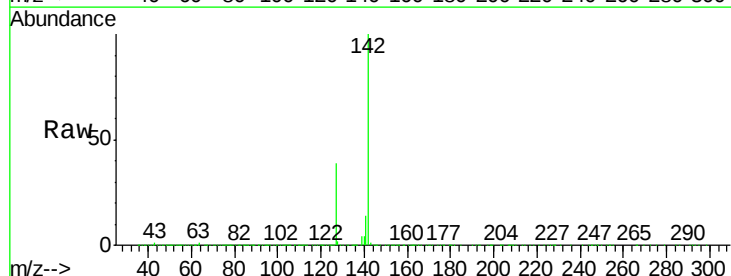
RT: 2.50 min Scan# 265

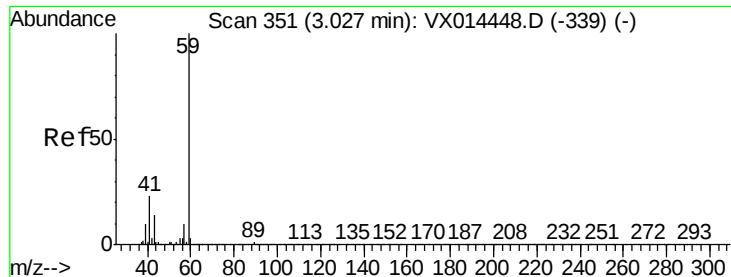
Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion:	142	Resp:	702476
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.2	46.8
141	14.2	11.4	17.2





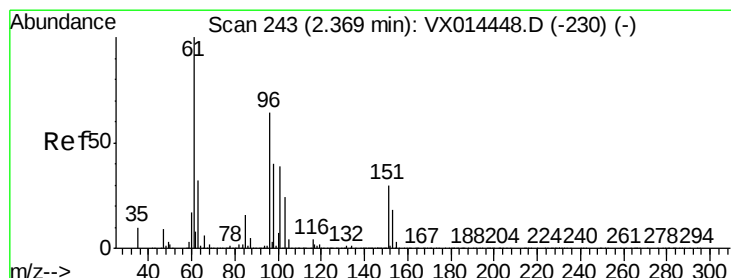
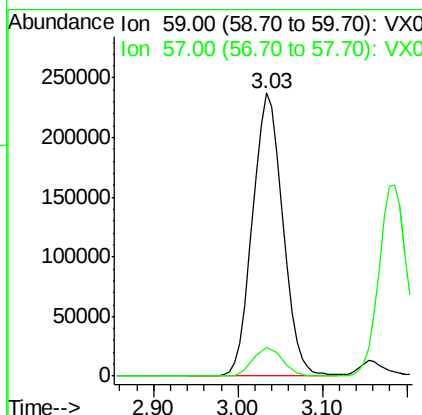
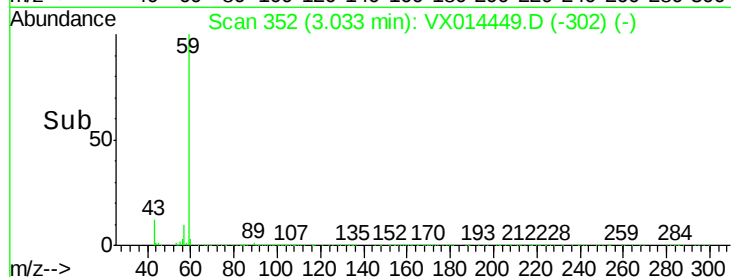
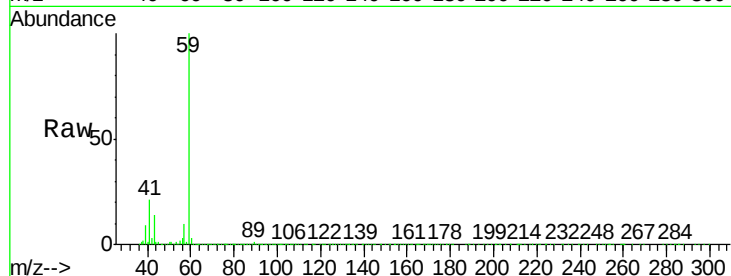
#11
Tert butyl alcohol
Concen: 433.979 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion: 59 Resp: 581404
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

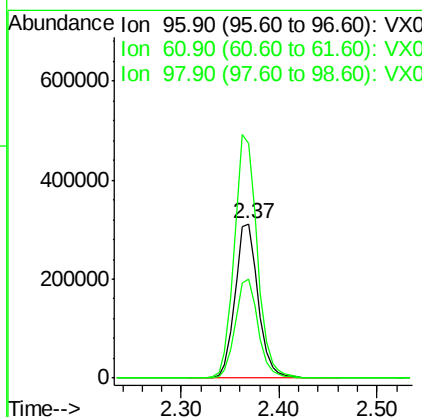
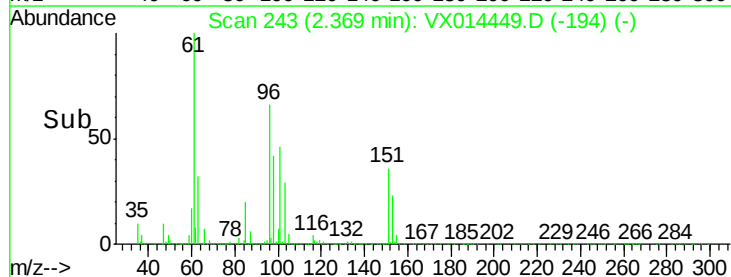
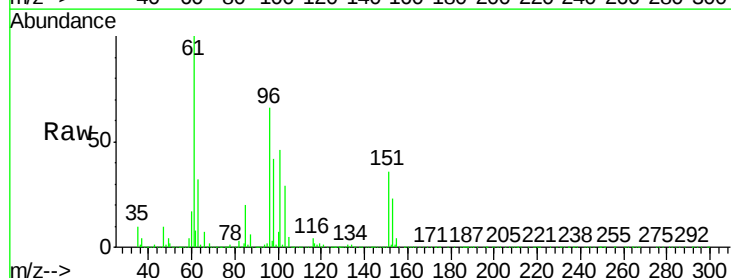
Manual Integrations
APPROVED

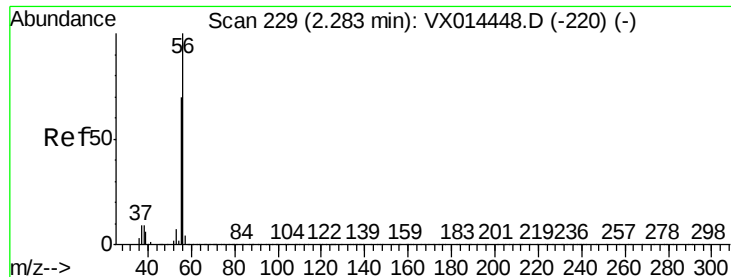
apatel
1/8/2020 9:16:00 AM



#12
1,1-Dichloroethene
Concen: 96.743 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 96 Resp: 508377
Ion Ratio Lower Upper
96 100
61 151.7 125.0 187.6
98 63.8 50.2 75.2





#13

Acrolein

Concen: 599.734 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 56 Resp: 493650

Ion Ratio Lower Upper

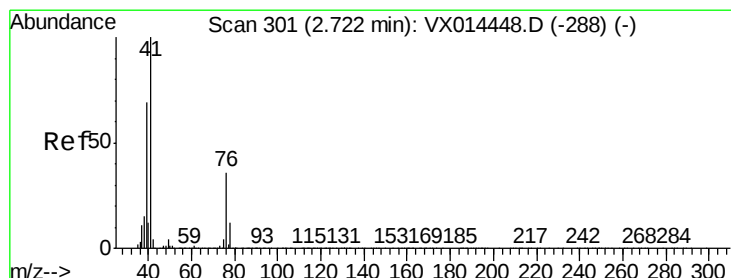
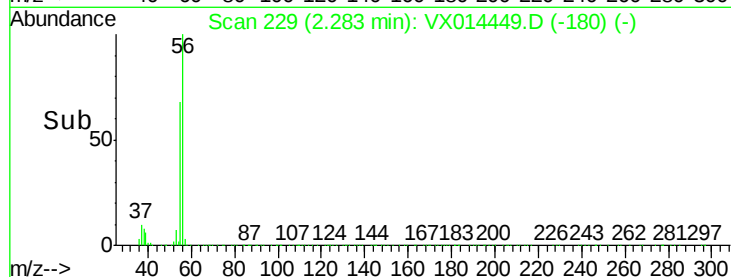
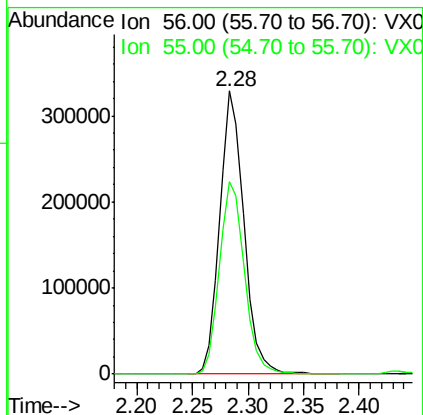
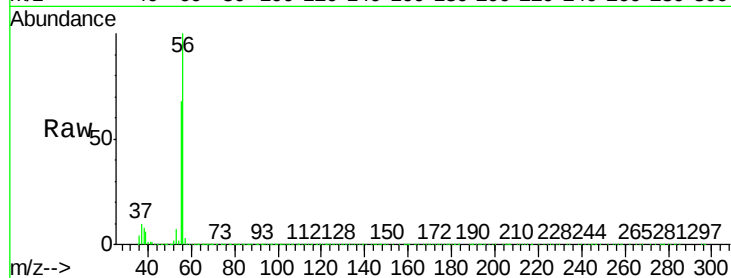
56 100

55 70.4 55.0 82.6

Manual Integrations
APPROVED

apatel

1/8/2020 9:16:00 AM



#14

Allyl chloride

Concen: 96.850 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

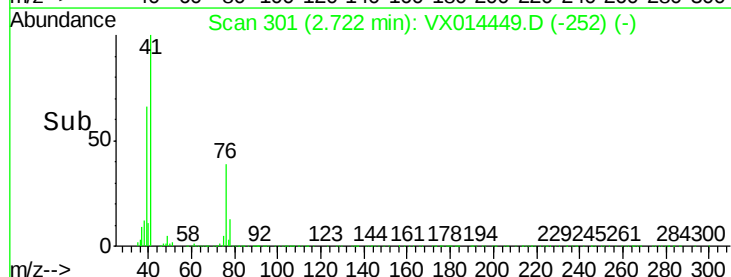
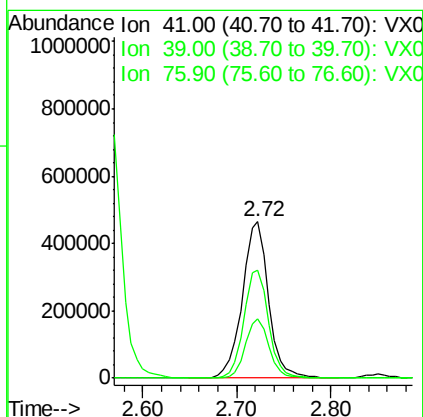
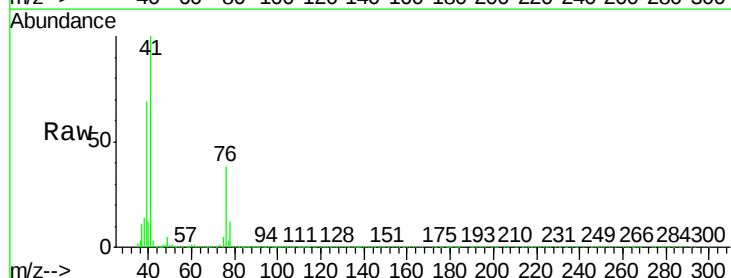
Tgt Ion: 41 Resp: 905131

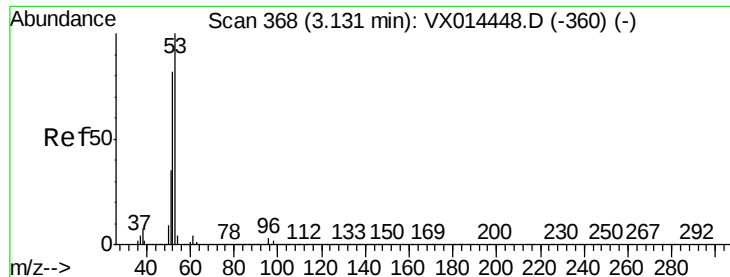
Ion Ratio Lower Upper

41 100

39 65.1 51.7 77.5

76 34.2 26.8 40.2





#15

Acrylonitrile

Concen: 470.062 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tgt Ion: 53 Resp: 1459504

Ion Ratio Lower Upper

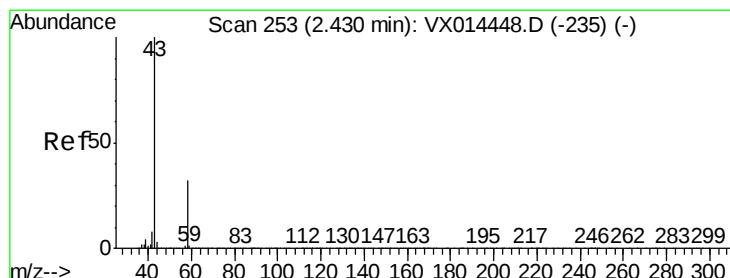
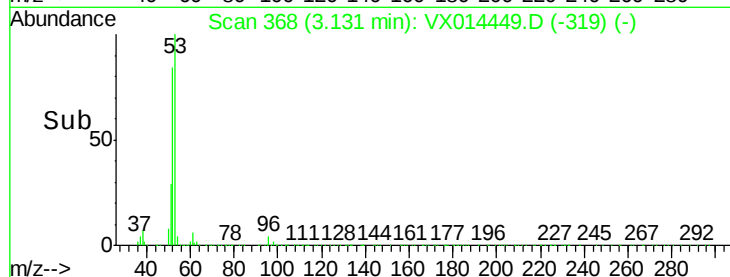
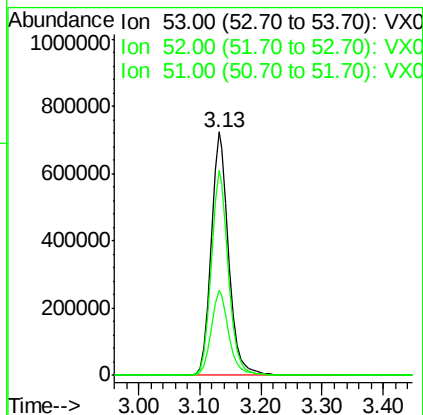
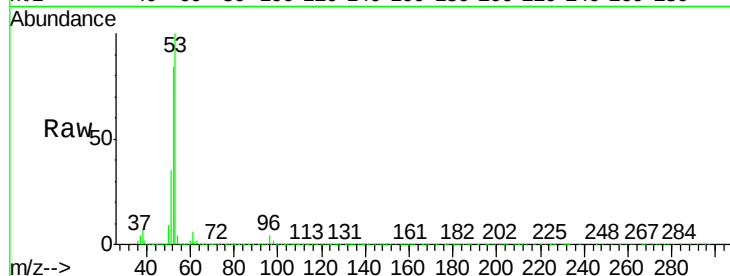
53 100

52 83.5 67.0 100.4

51 35.6 28.5 42.7

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#16

Acetone

Concen: 382.845 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX014449.D

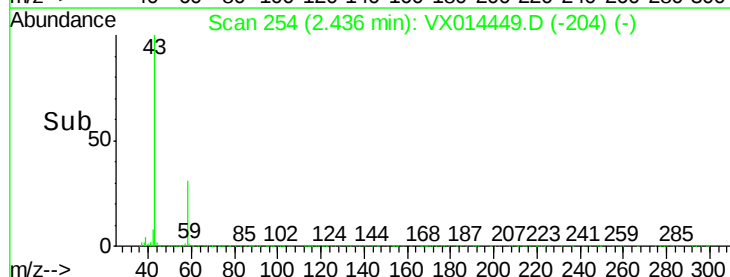
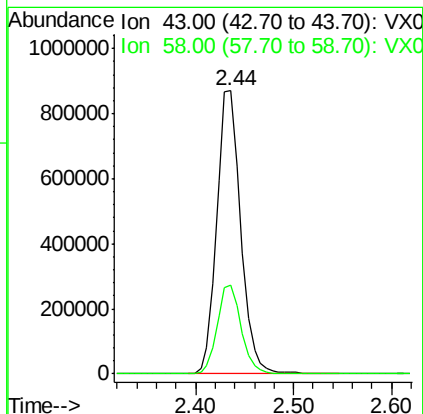
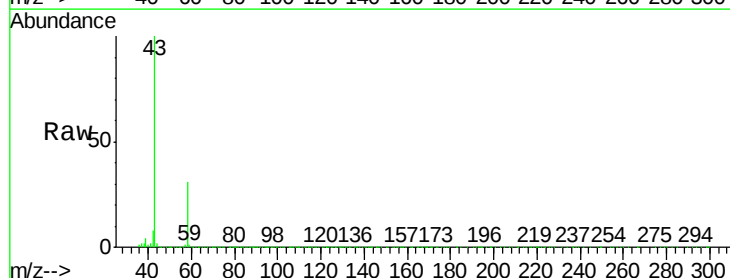
Acq: 07 Jan 2020 15:07

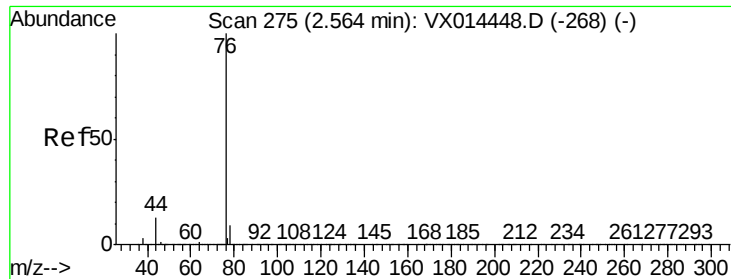
Tgt Ion: 43 Resp: 1471301

Ion Ratio Lower Upper

43 100

58 31.2 25.4 38.0





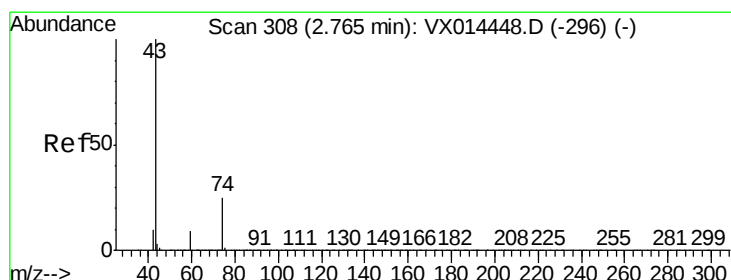
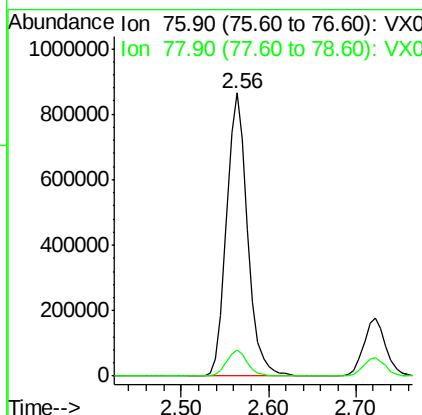
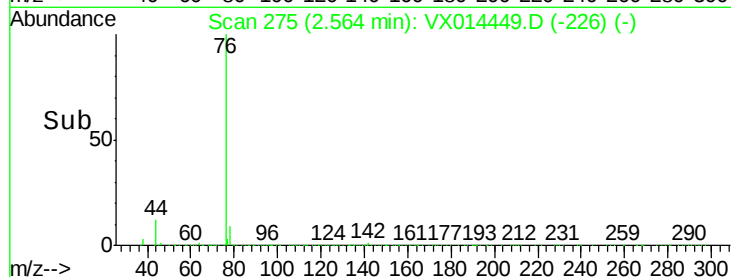
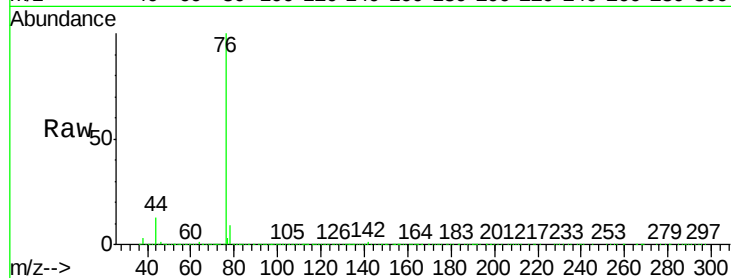
#17
Carbon Disulfide
Concen: 93.329 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 1438276
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

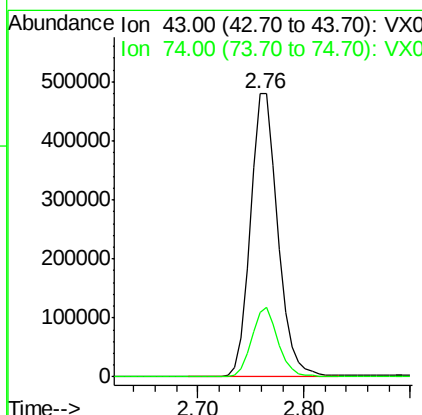
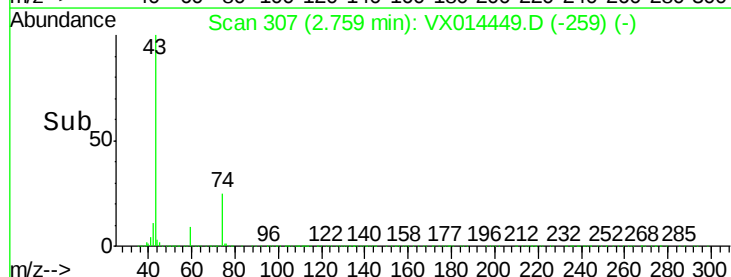
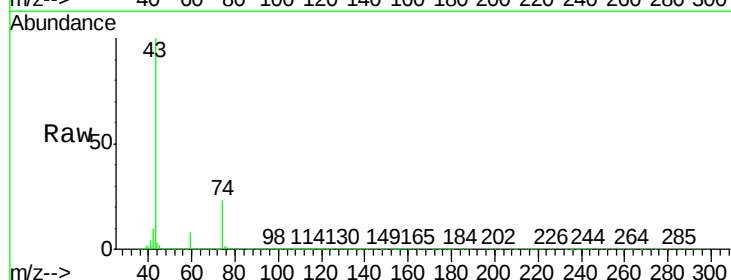
Manual Integrations
APPROVED

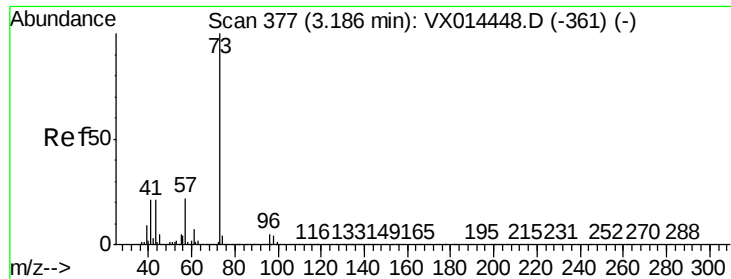
apatel
1/8/2020 9:16:00 AM



#18
Methyl Acetate
Concen: 106.229 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 43 Resp: 866762
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2





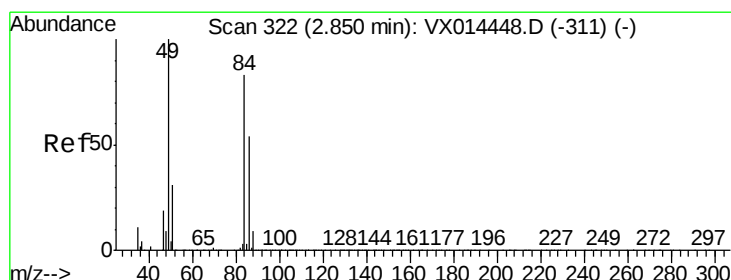
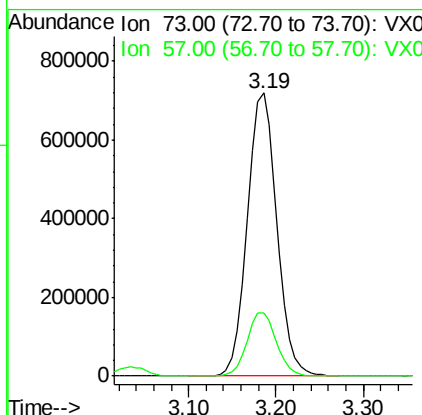
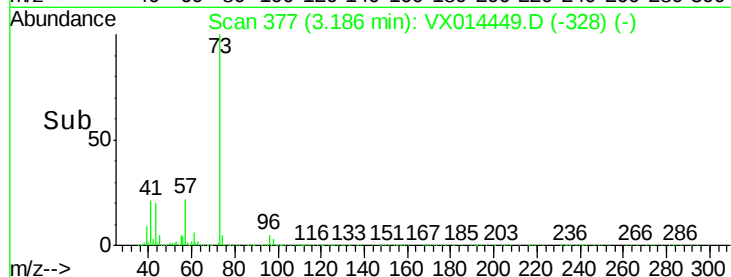
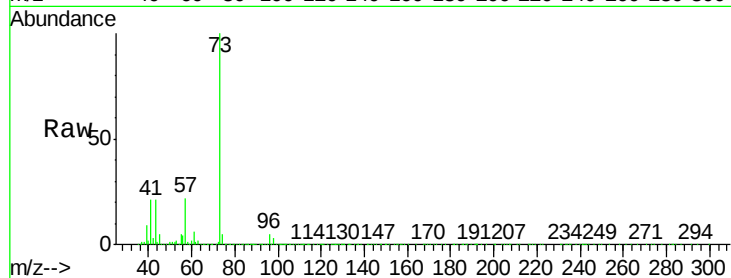
#19
Methyl tert-butyl Ether
Concen: 97.784 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 1681785
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8

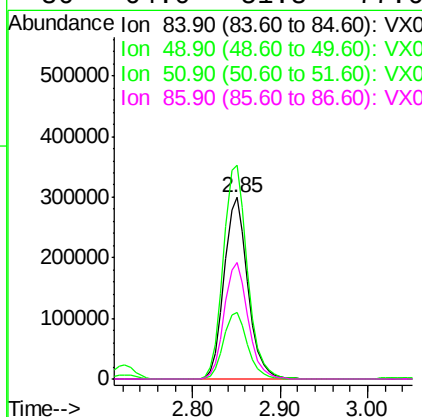
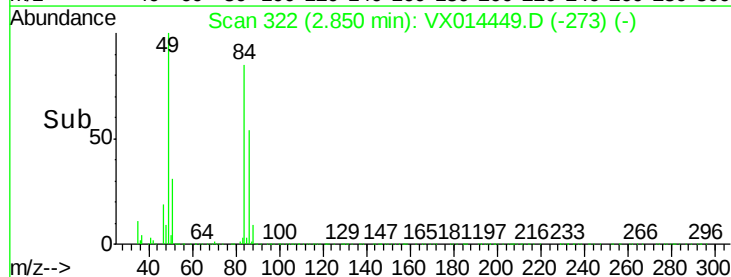
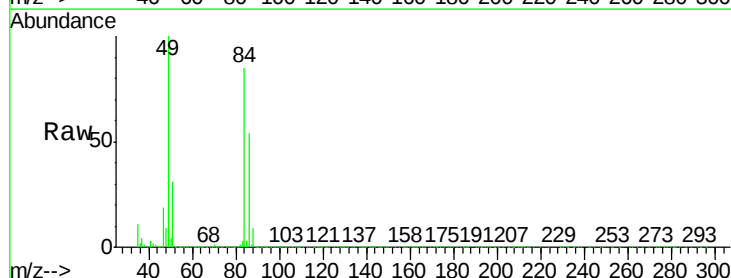
Manual Integrations
APPROVED

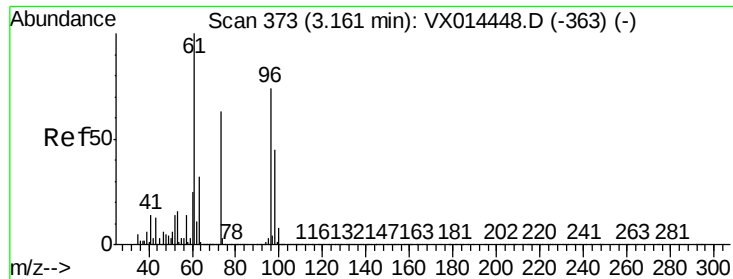
apatel
1/8/2020 9:16:00 AM



#20
Methylene Chloride
Concen: 89.190 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 84 Resp: 561679
Ion Ratio Lower Upper
84 100
49 117.6 95.8 143.8
51 36.9 30.2 45.4
86 64.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 95.615 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 551703

Ion Ratio Lower Upper

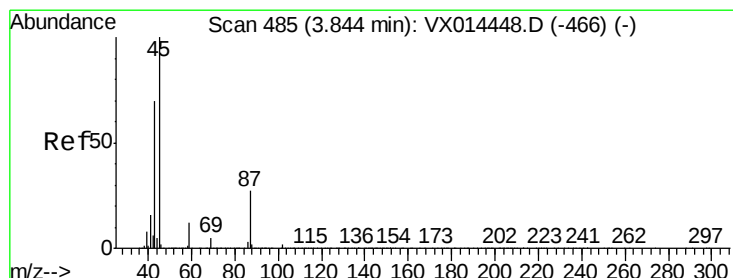
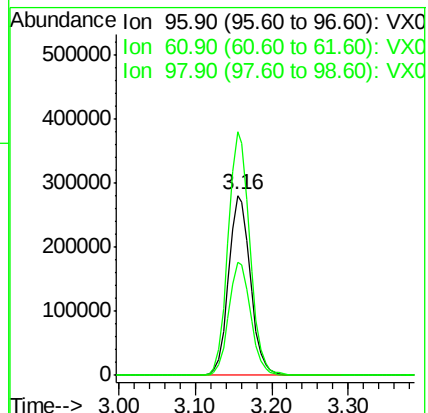
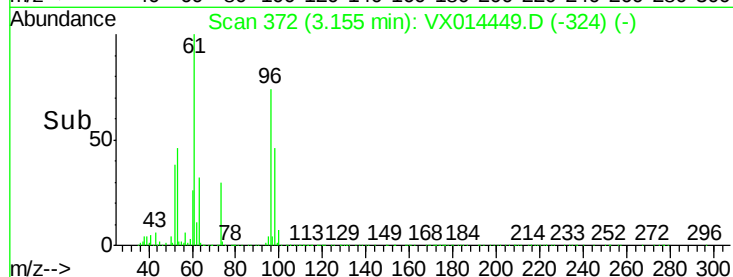
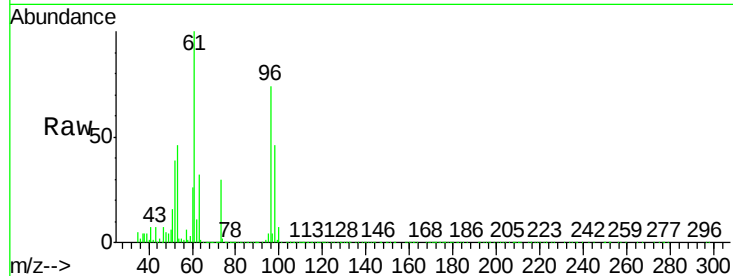
96 100

61 135.0 108.2 162.4

98 62.6 48.8 73.2

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#22

Diisopropyl ether

Concen: 95.977 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion: 45 Resp: 1783547

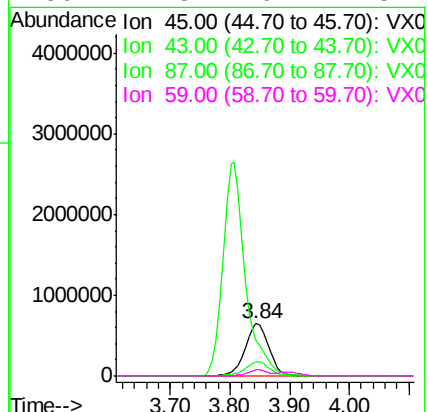
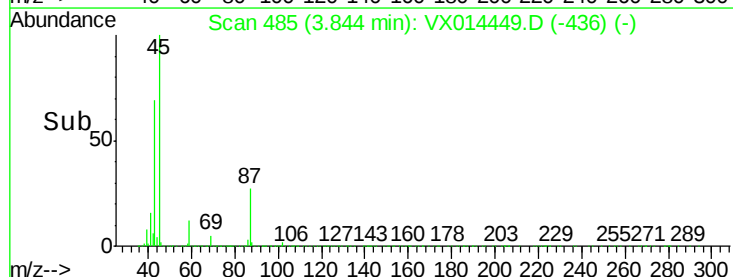
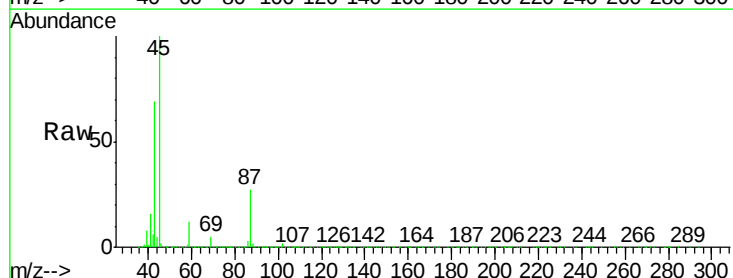
Ion Ratio Lower Upper

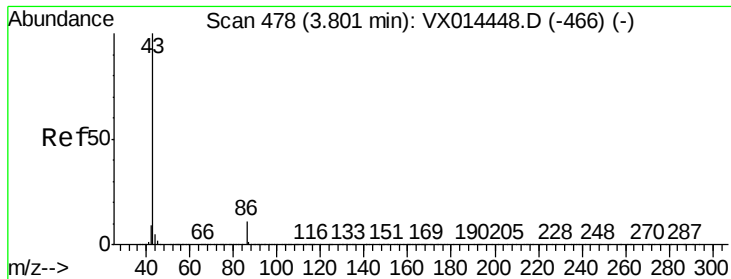
45 100

43 69.0 55.8 83.6

87 27.1 21.8 32.8

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 466.623 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 6986229

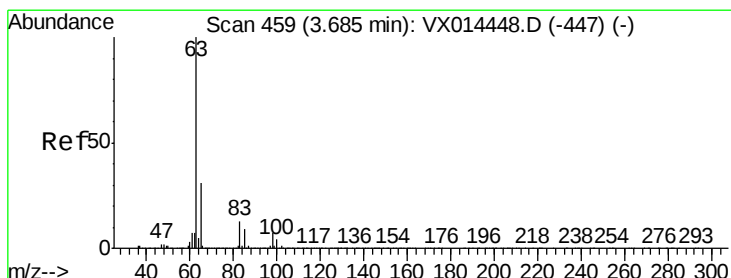
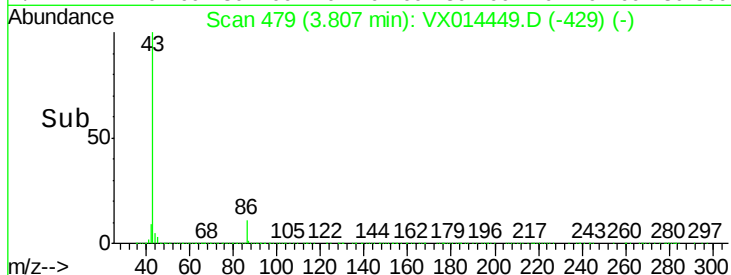
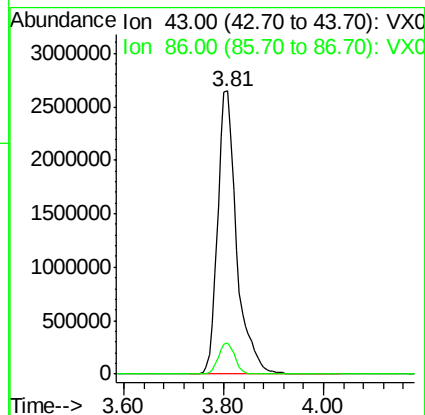
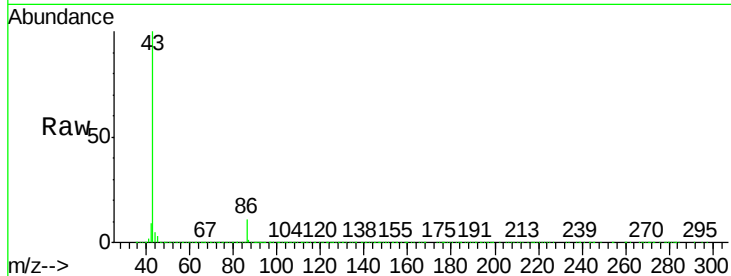
Ion Ratio Lower Upper

43 100

86 11.2 8.4 12.6

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#24

1,1-Dichloroethane

Concen: 93.560 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

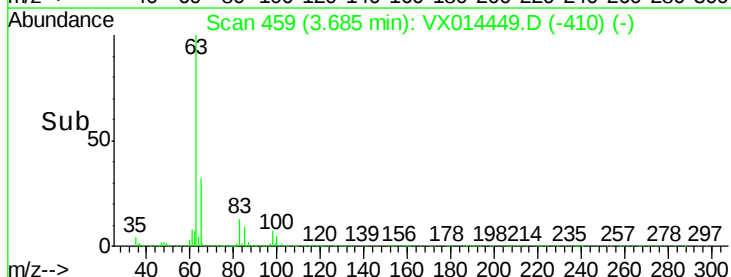
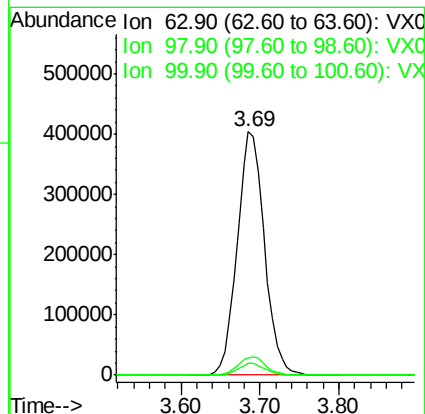
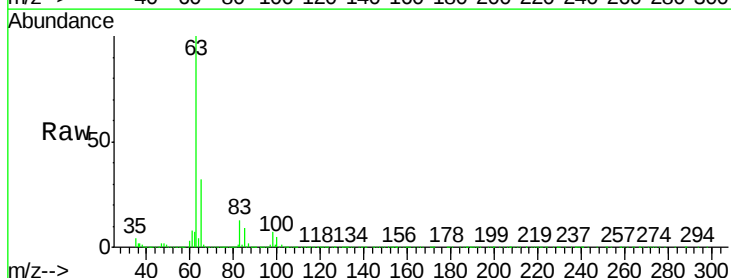
Tgt Ion: 63 Resp: 967737

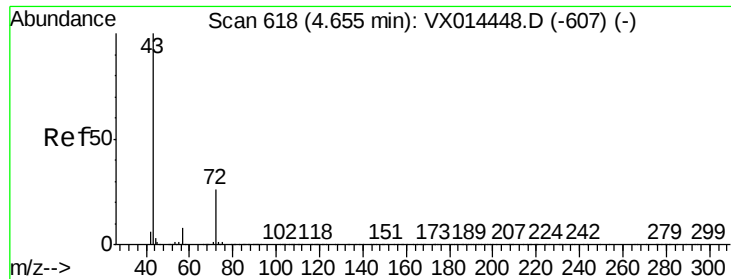
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 444.185 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 43 Resp: 2154907

Ion Ratio Lower Upper

43 100

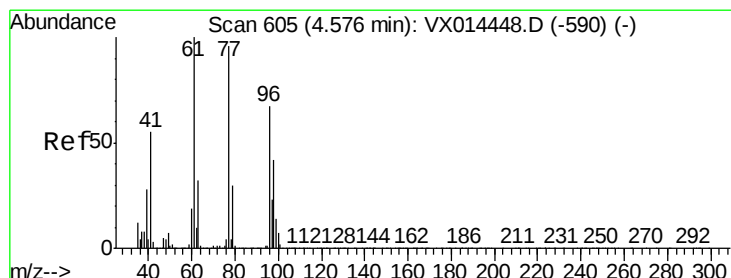
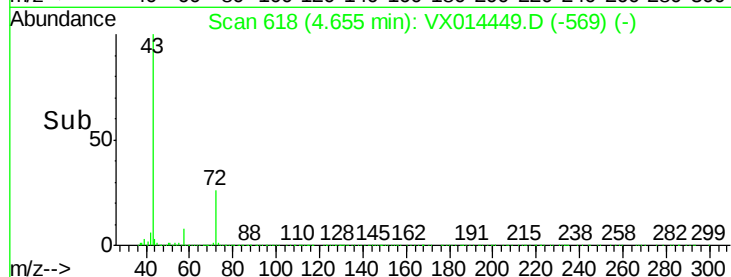
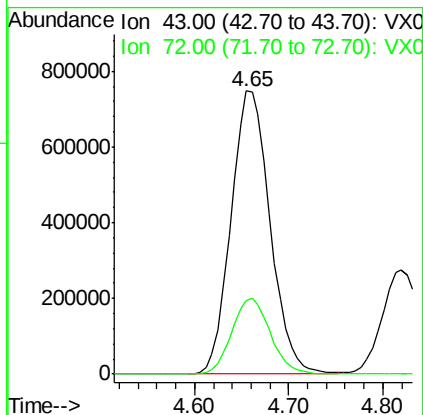
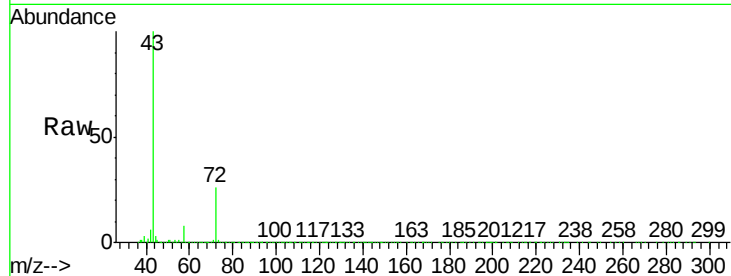
72 25.8 20.6 31.0

Manual Integrations

APPROVED

apatel

1/8/2020 9:16:00 AM



#26

2,2-Dichloropropane

Concen: 101.275 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014449.D

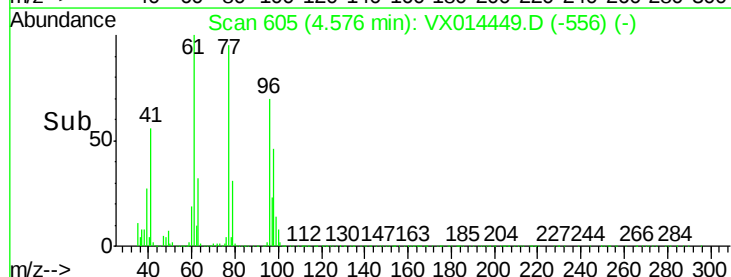
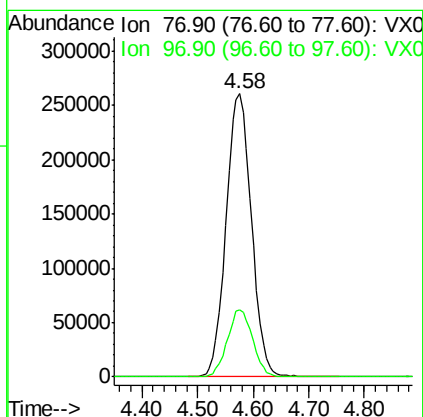
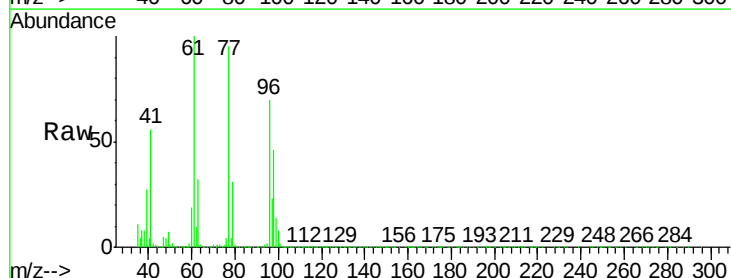
Acq: 07 Jan 2020 15:07

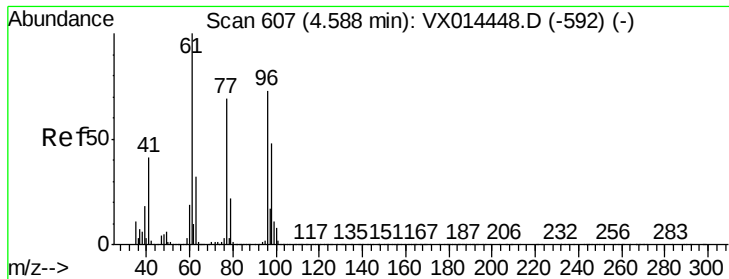
Tgt Ion: 77 Resp: 819654

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.1





#27

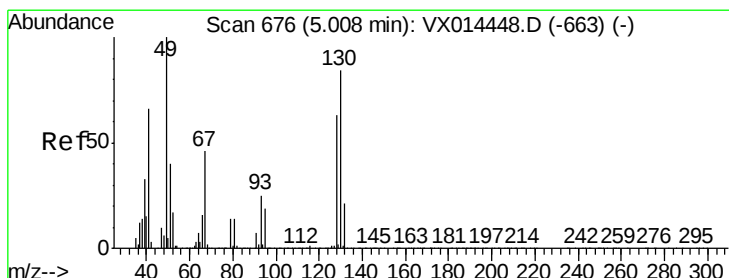
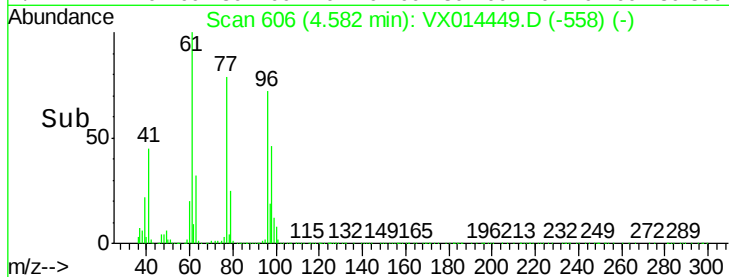
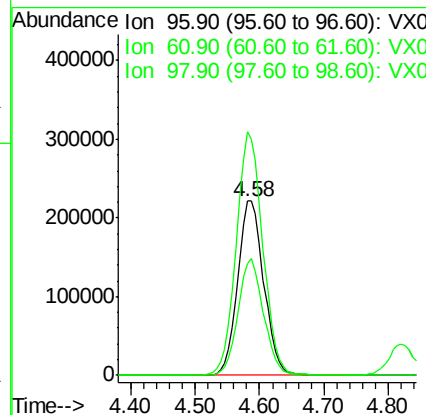
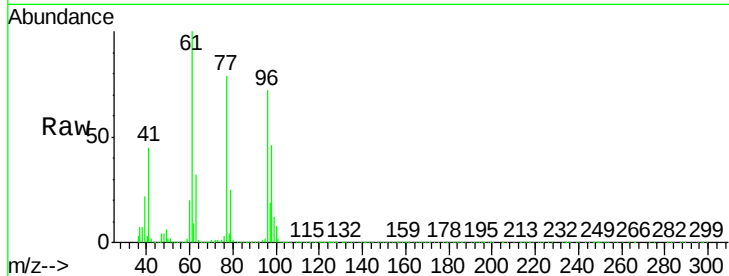
cis-1,2-Dichloroethene
Concen: 95.978 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	625626		
61	141.8	0.0	285.4	
98	65.1	0.0	130.6	

Manual Integrations
APPROVED

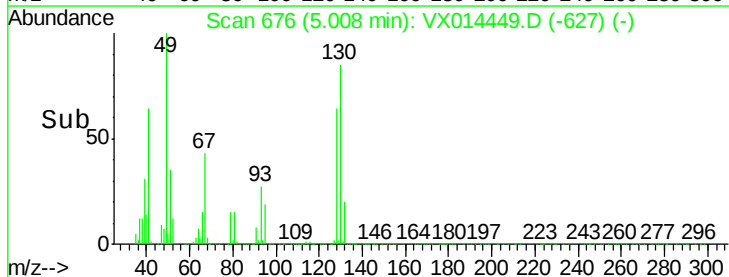
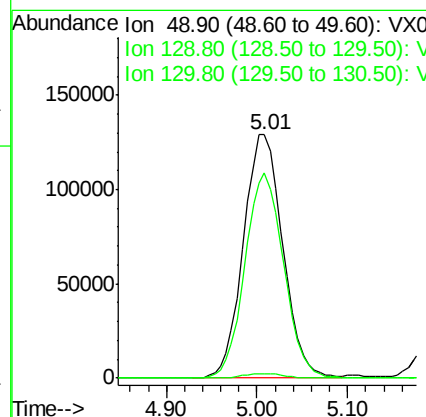
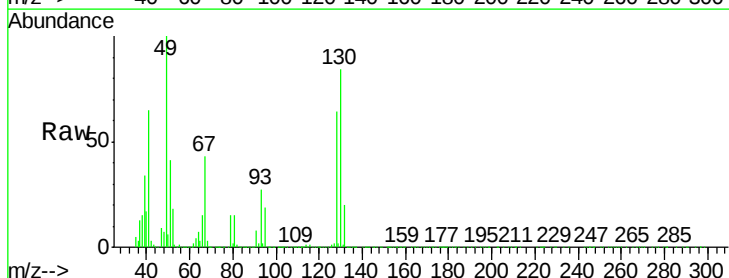
apatel
1/8/2020 9:16:00 AM



#28

Bromochloromethane
Concen: 108.277 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	387657		
129	2.2	0.0	4.4	
130	83.1	67.0	100.4	





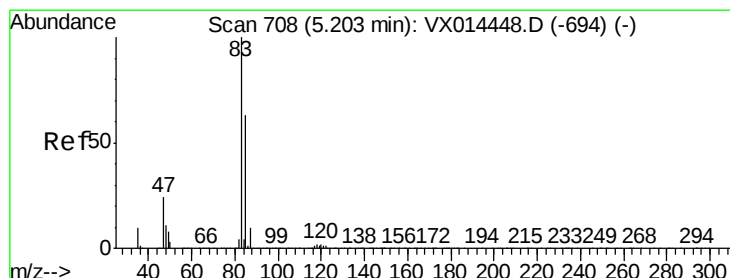
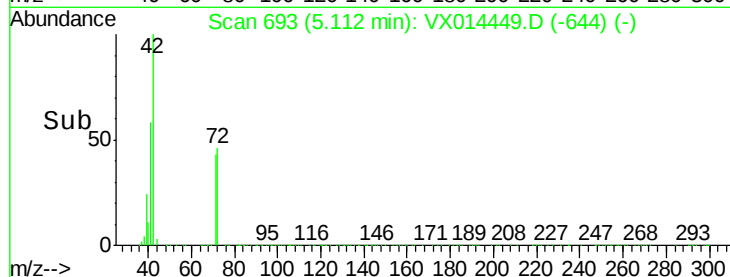
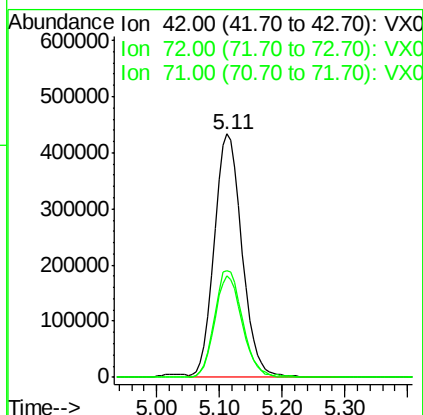
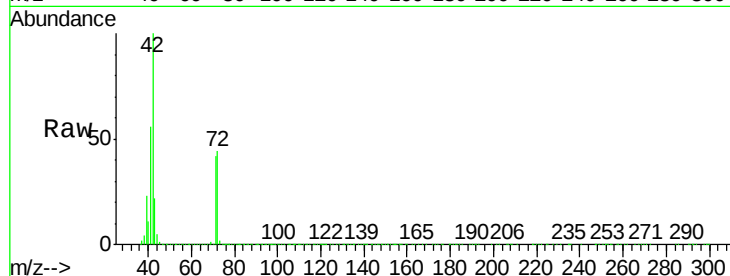
#29
Tetrahydrofuran
Concen: 476.847 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 1318487
Ion Ratio Lower Upper
42 100
72 45.1 36.2 54.4
71 41.7 34.1 51.1

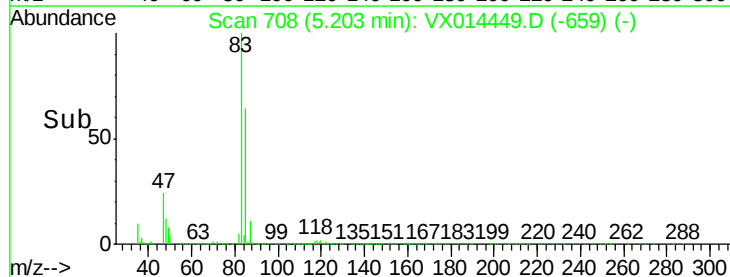
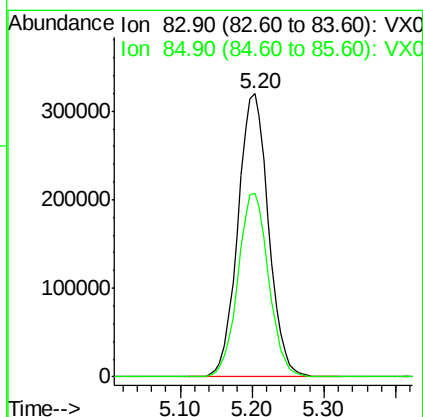
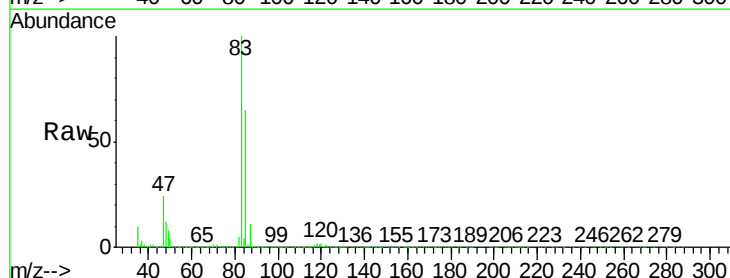
Manual Integrations
APPROVED

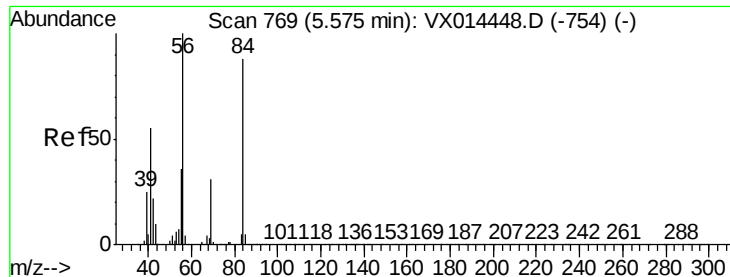
apatel
1/8/2020 9:16:00 AM



#30
Chloroform
Concen: 96.054 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 83 Resp: 940914
Ion Ratio Lower Upper
83 100
85 64.8 50.6 75.8





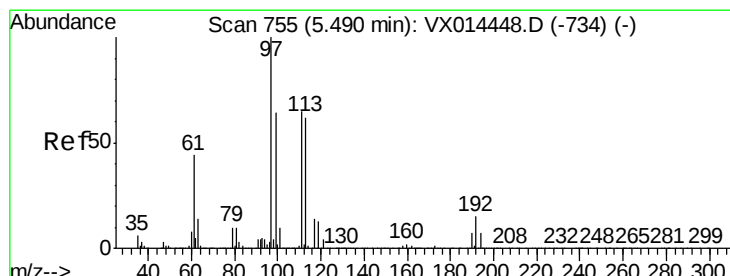
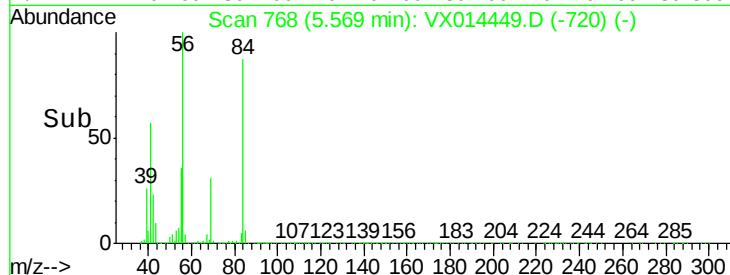
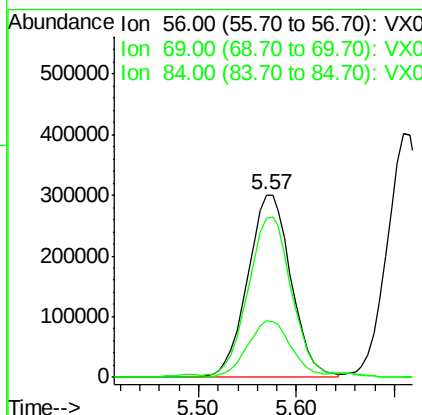
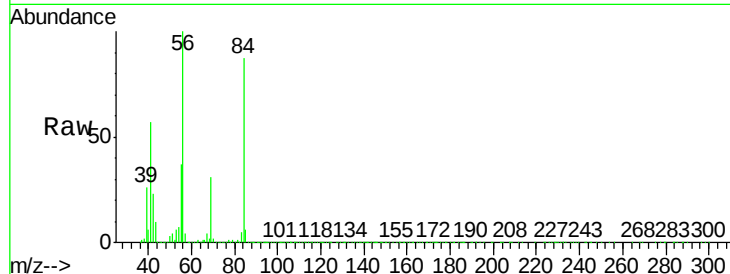
#31
Cyclohexane
Concen: 99.827 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	86.1	70.6	106.0

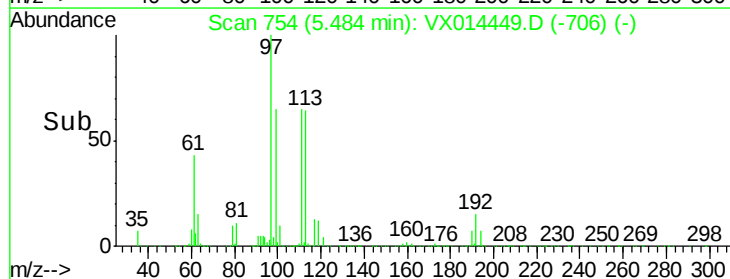
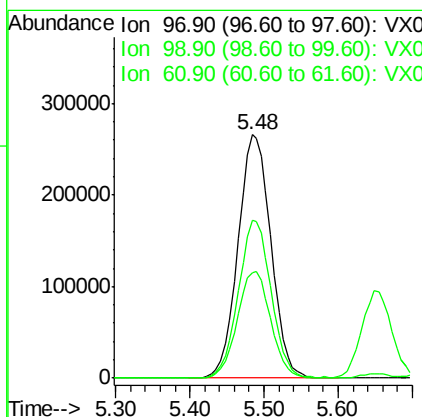
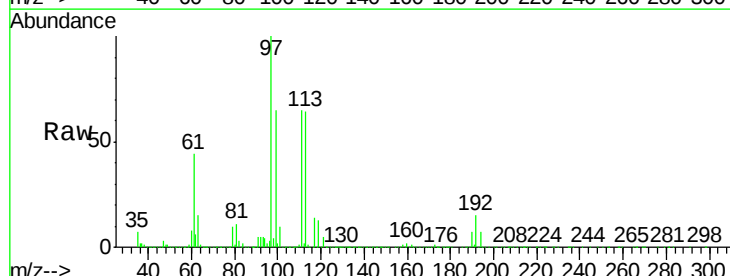
Manual Integrations
APPROVED

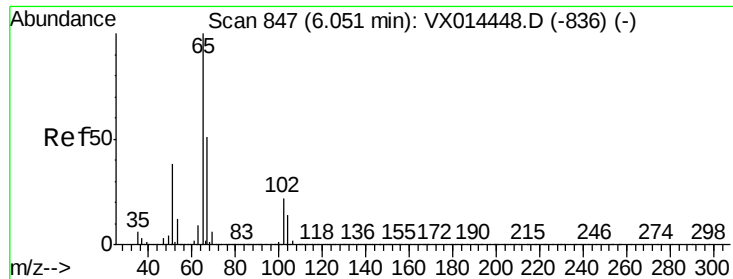
apatel
1/8/2020 9:16:00 AM



#32
1,1,1-Trichloroethane
Concen: 98.099 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	44.6	35.9	53.9





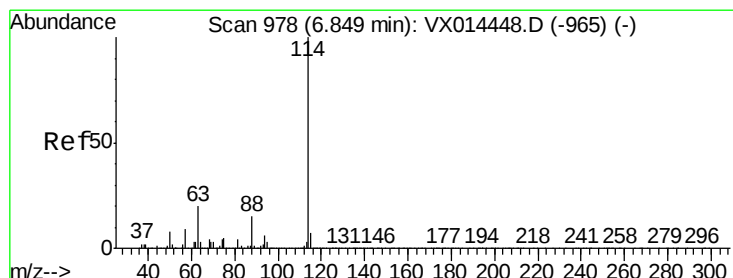
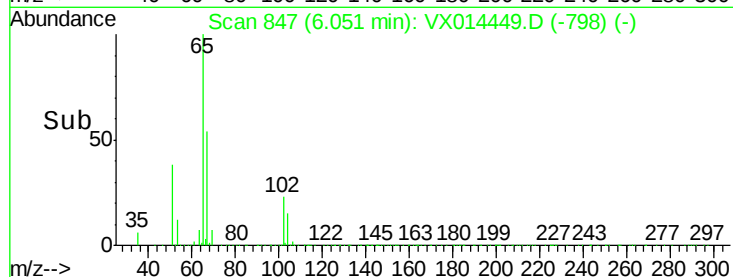
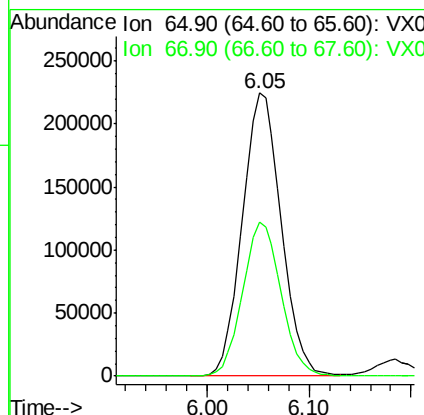
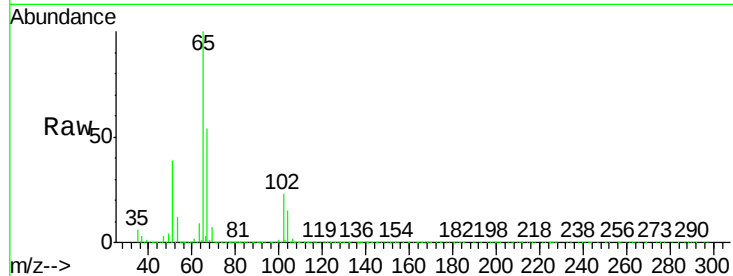
#33
 1,2-Dichloroethane-d4
 Concen: 97.301 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	592962		
67	53.8	0.0	106.2	

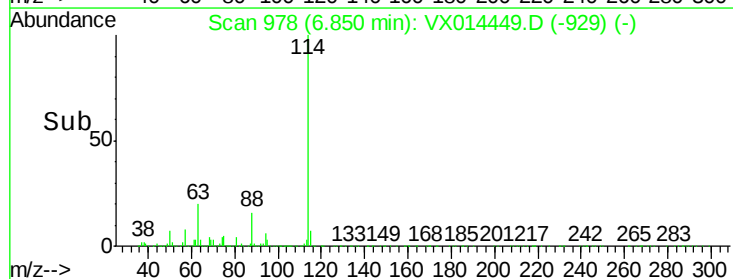
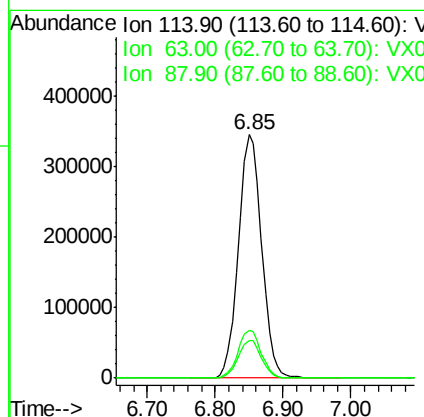
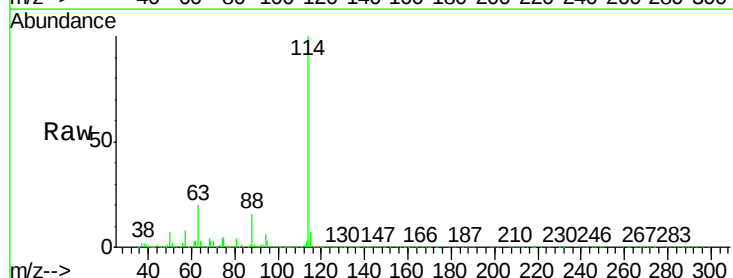
Manual Integrations
 APPROVED

apatel
 1/8/2020 9:16:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	819943		
63	19.7	0.0	39.6	
88	15.5	0.0	30.8	





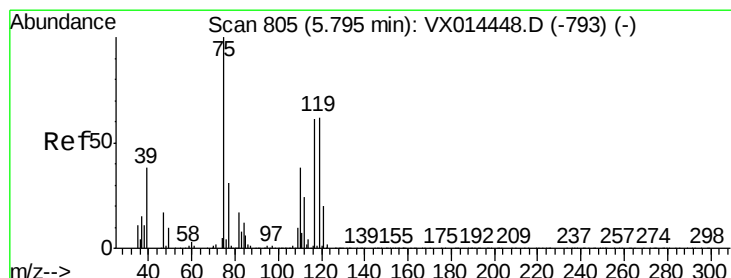
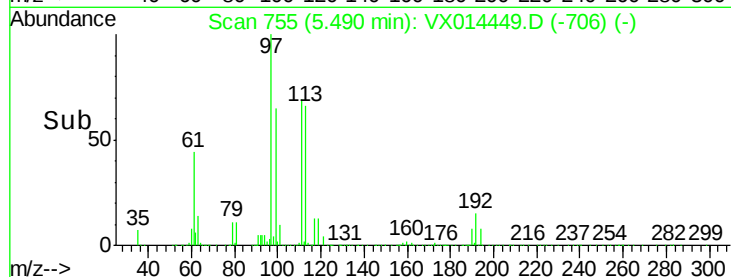
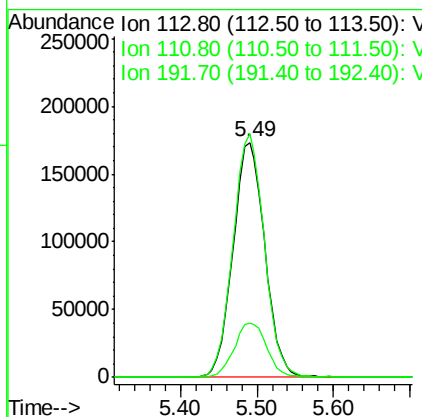
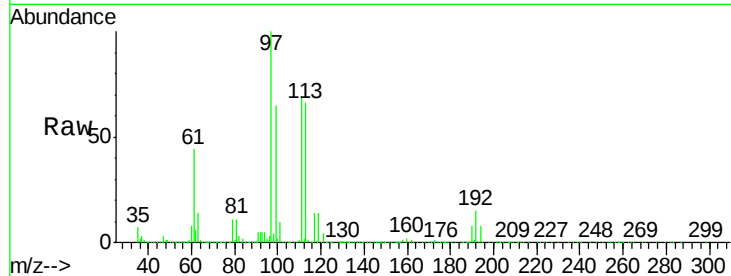
#35
Dibromofluoromethane
Concen: 100.104 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	498197		
111	102.4	81.5	122.3	
192	23.7	19.2	28.8	

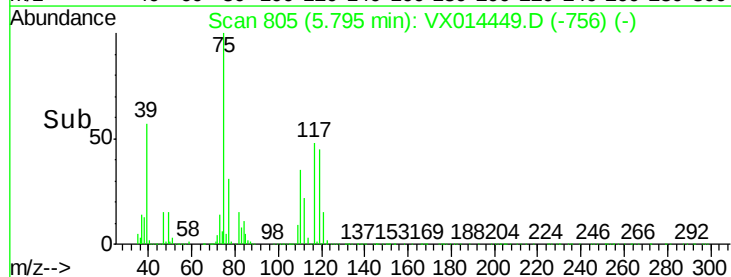
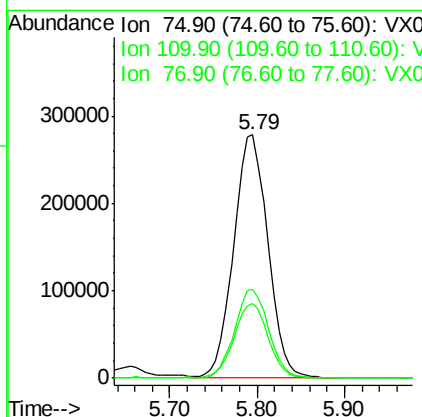
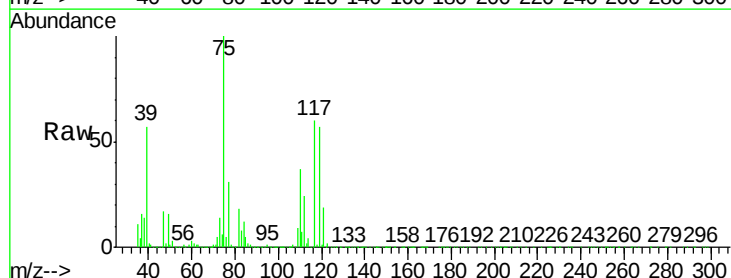
Manual Integrations
APPROVED

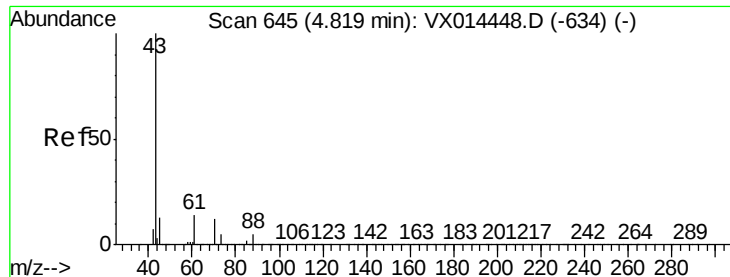
apatel
1/8/2020 9:16:00 AM



#36
1,1-Dichloropropene
Concen: 99.152 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	752369		
110	36.6	18.6	55.8	
77	30.7	24.5	36.7	





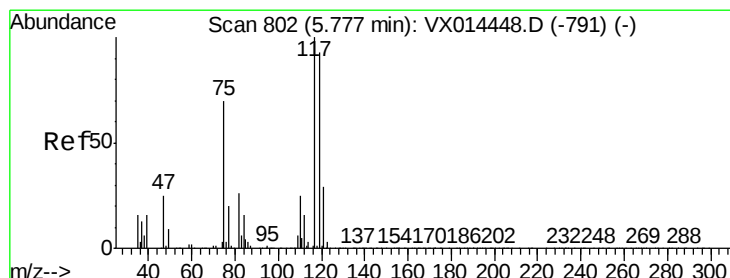
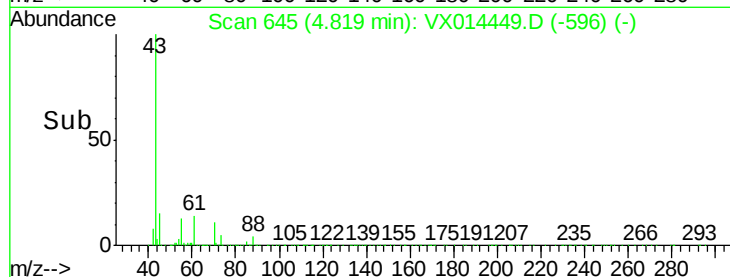
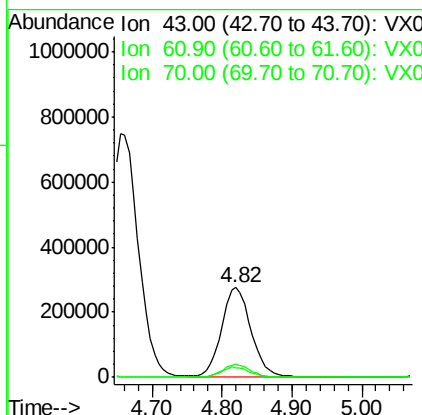
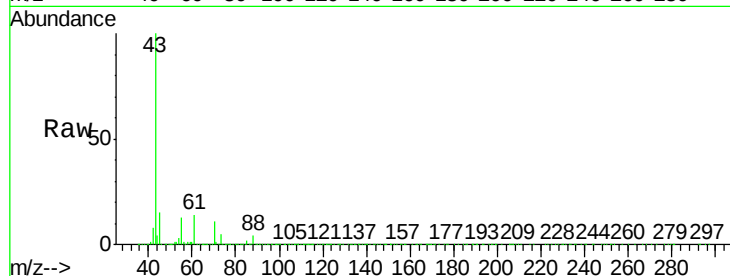
#37
Ethyl Acetate
Concen: 97.184 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.8	8.9	13.3

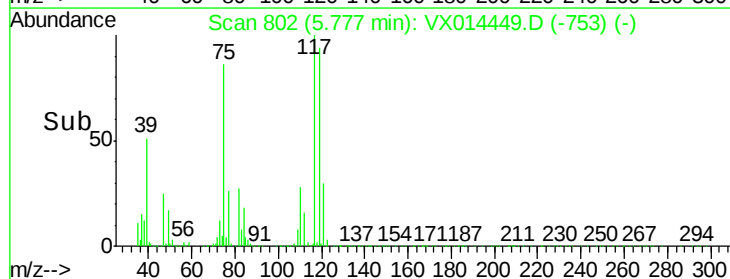
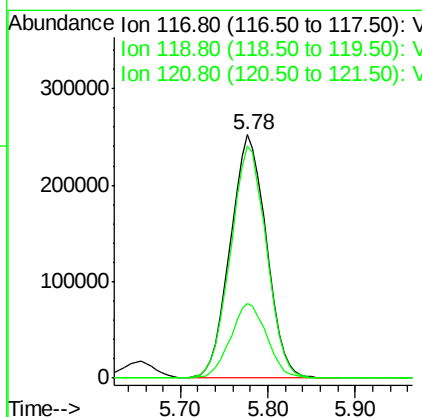
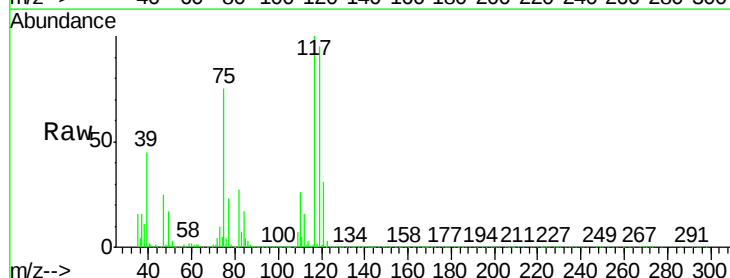
Manual Integrations
APPROVED

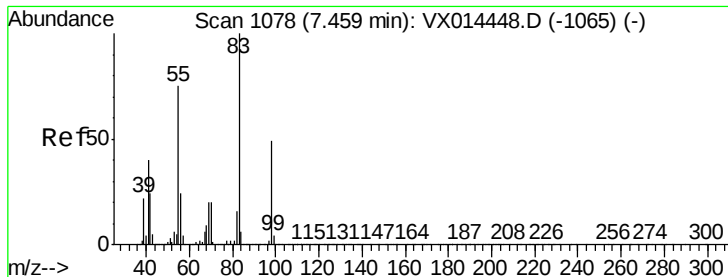
apatel
1/8/2020 9:16:00 AM



#38
Carbon Tetrachloride
Concen: 104.109 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	73.8	110.8
121	30.5	23.4	35.0





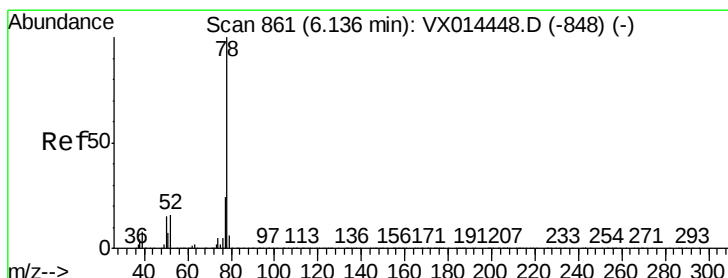
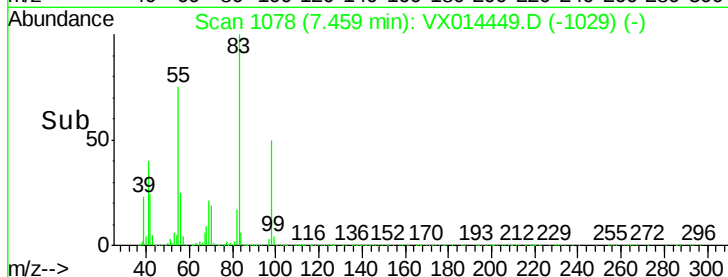
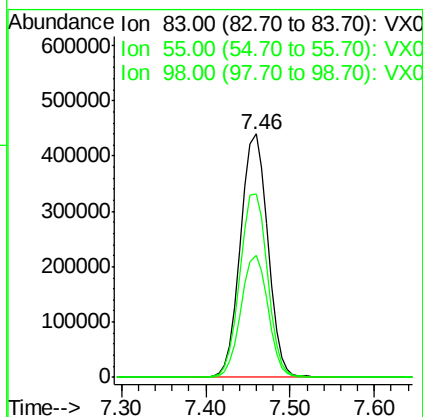
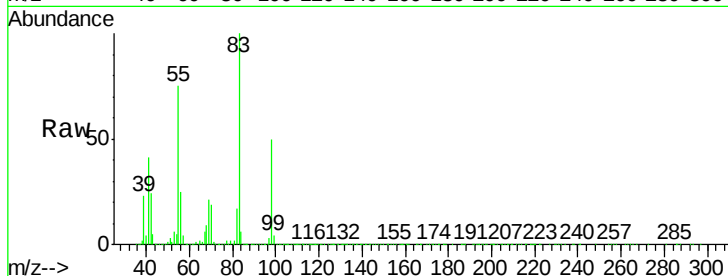
#39
Methylcyclohexane
Concen: 101.878 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.7	89.5
98	50.3	39.1	58.7

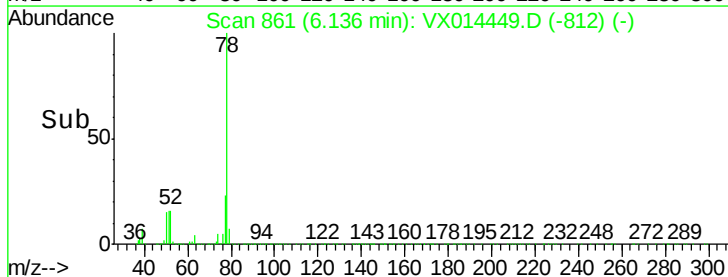
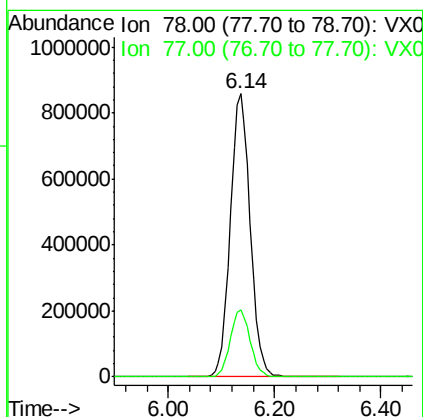
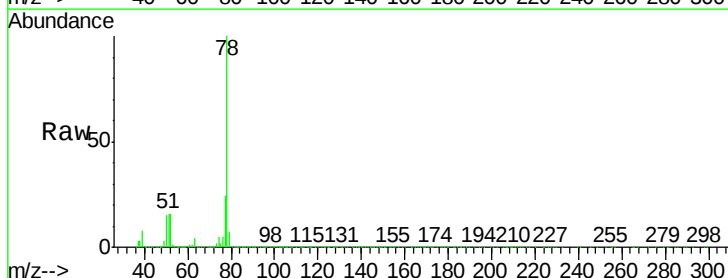
Manual Integrations
APPROVED

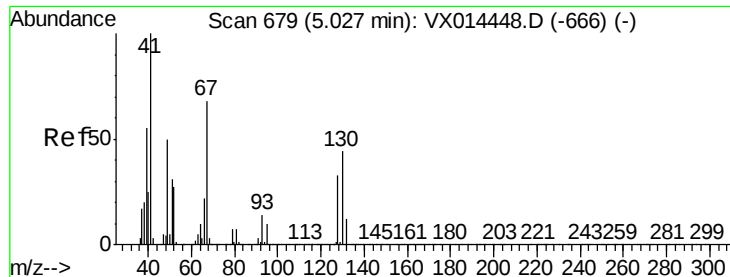
apatel
1/8/2020 9:16:00 AM



#40
Benzene
Concen: 96.515 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3





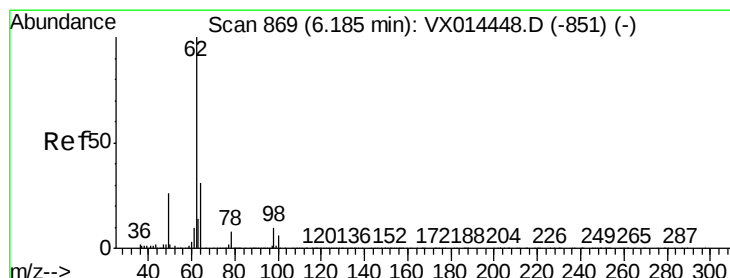
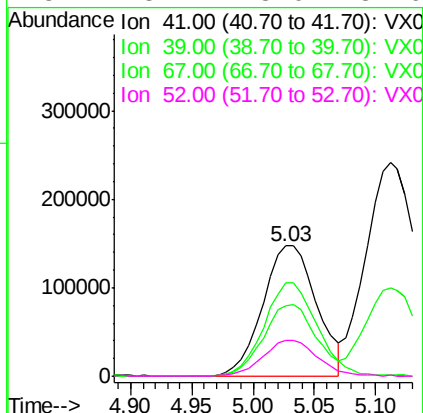
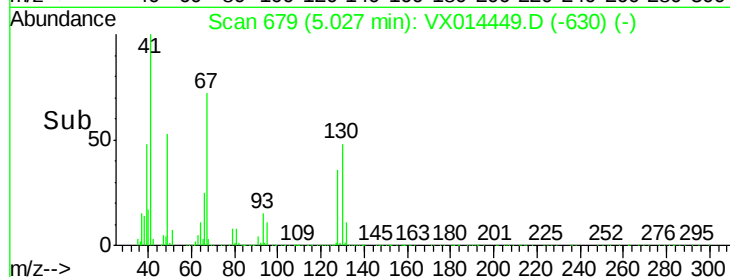
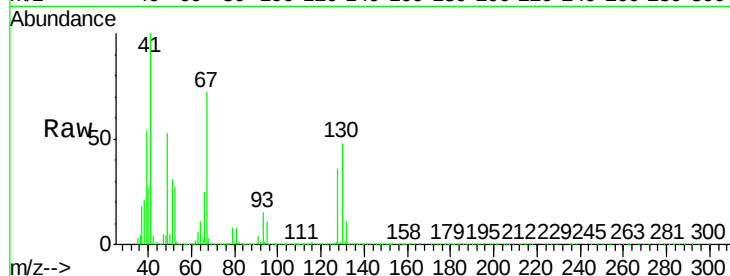
#41
Methacrylonitrile
Concen: 97.136 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	43.6	65.4	
67	70.9	57.9	86.9	
52	28.1	23.0	34.6	

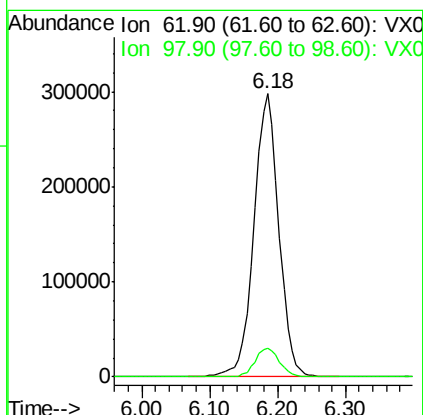
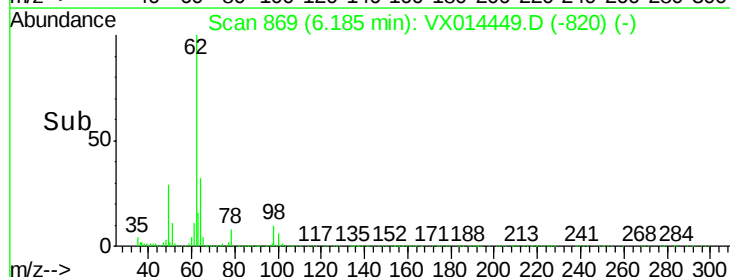
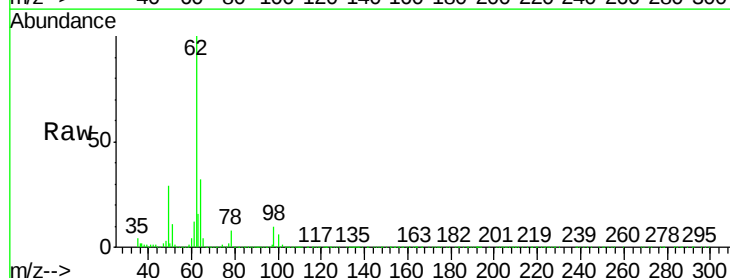
Manual Integrations
APPROVED

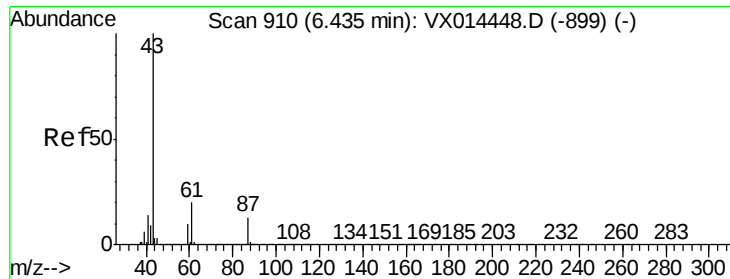
apatel
1/8/2020 9:16:00 AM



#42
1,2-Dichloroethane
Concen: 96.331 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.4	





#43

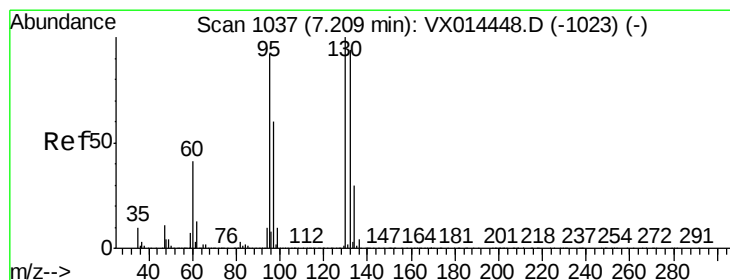
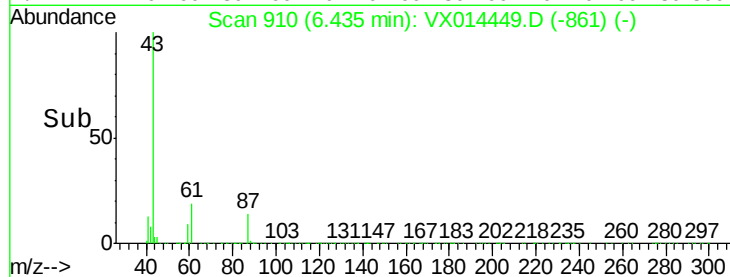
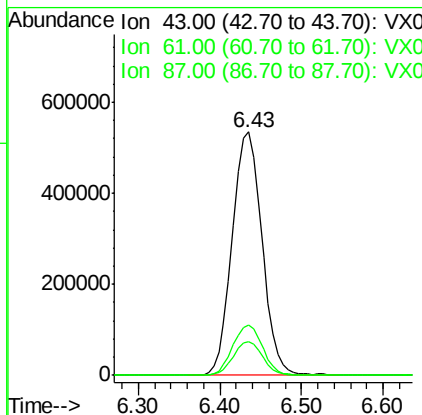
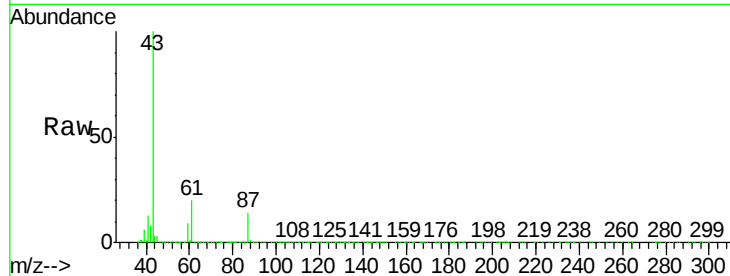
Isopropyl Acetate
 Concen: 97.751 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	13.6	10.8	16.2

Manual Integrations
 APPROVED

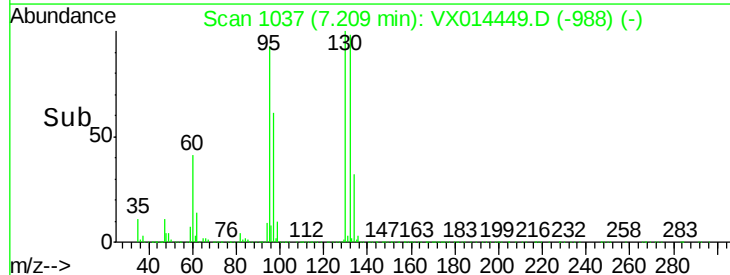
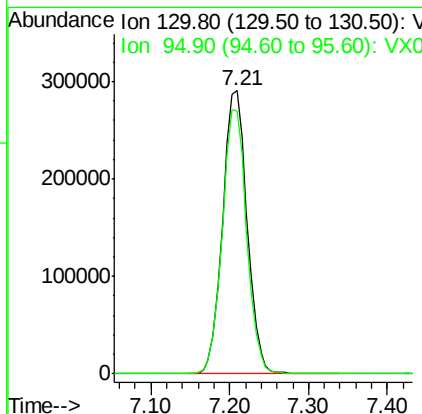
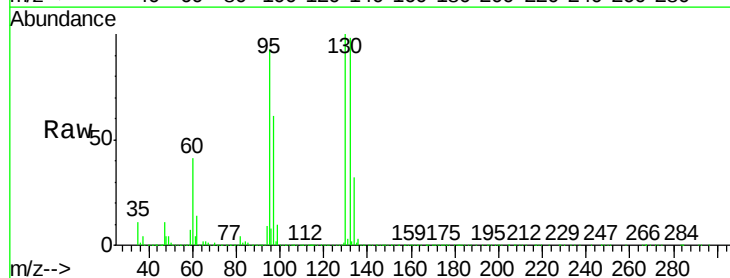
apatel
 1/8/2020 9:16:00 AM

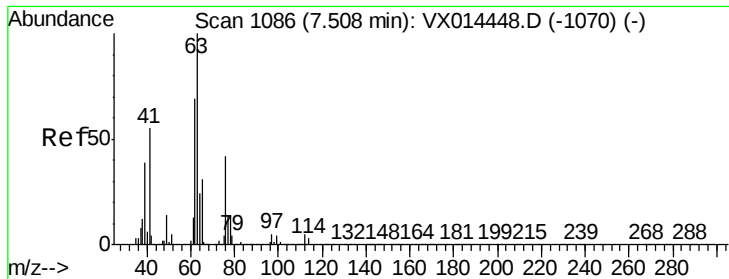


#44

Trichloroethene
 Concen: 96.944 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	184.2





#45

1,2-Dichloropropane

Concen: 96.626 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 575941

Ion Ratio Lower Upper

63 100

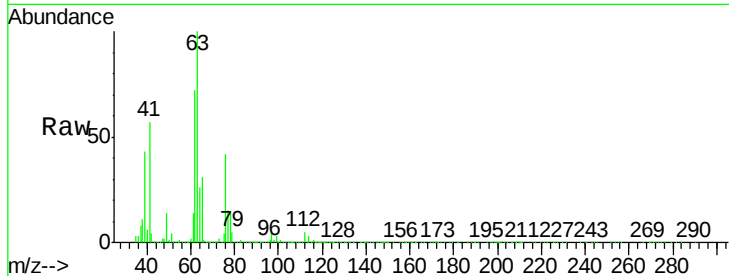
65 30.6 24.8 37.2

Manual Integrations

APPROVED

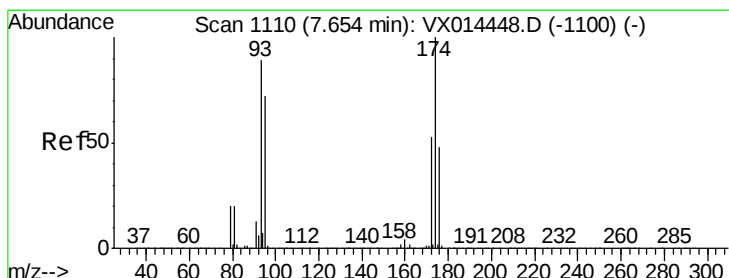
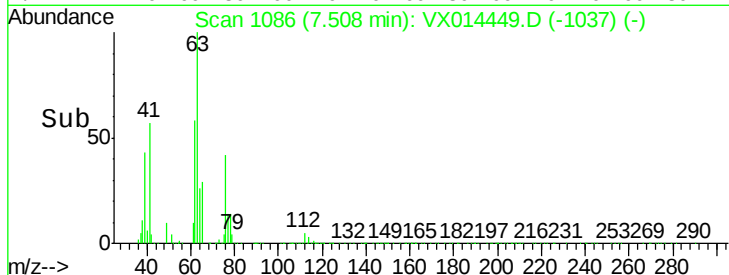
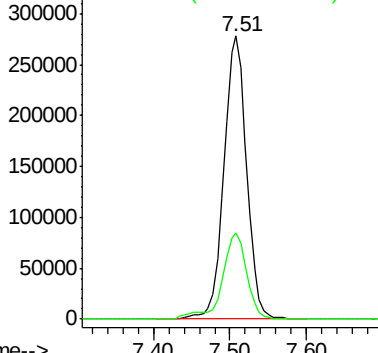
apatel

1/8/2020 9:16:00 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 94.559 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

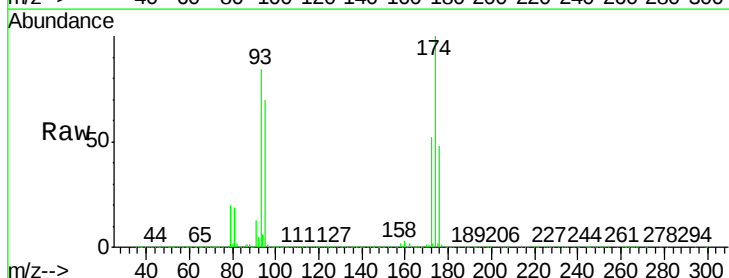
Tgt Ion: 93 Resp: 373921

Ion Ratio Lower Upper

93 100

95 84.1 65.4 98.2

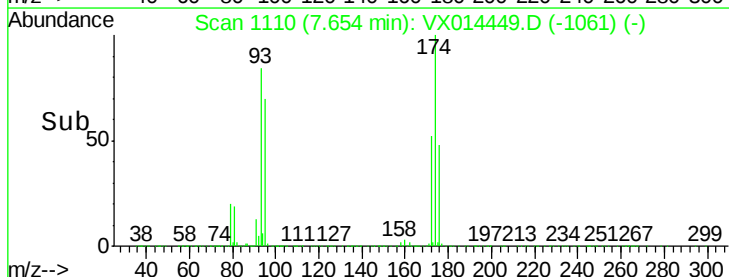
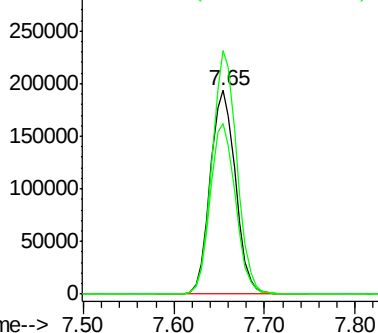
174 117.2 93.0 139.4

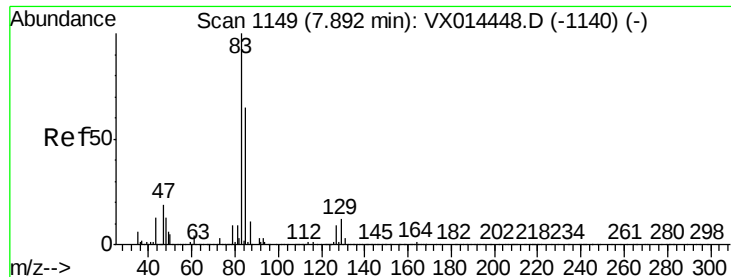


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 101.589 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

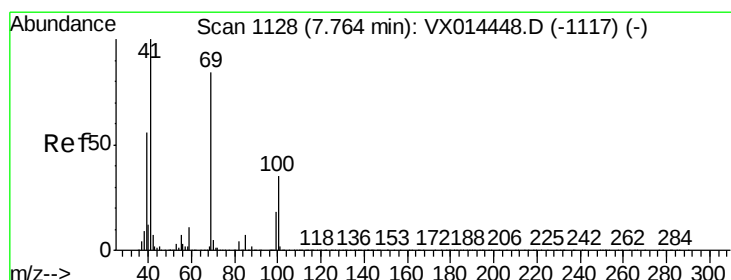
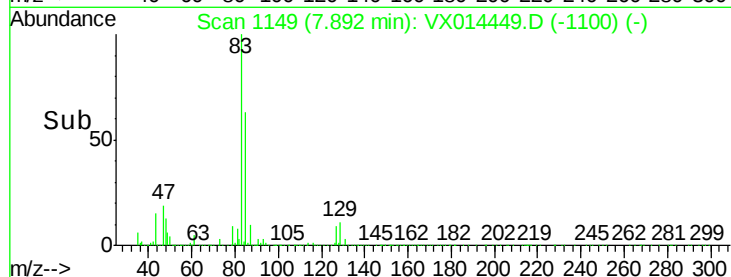
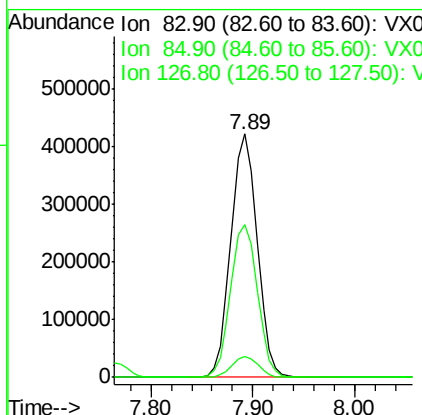
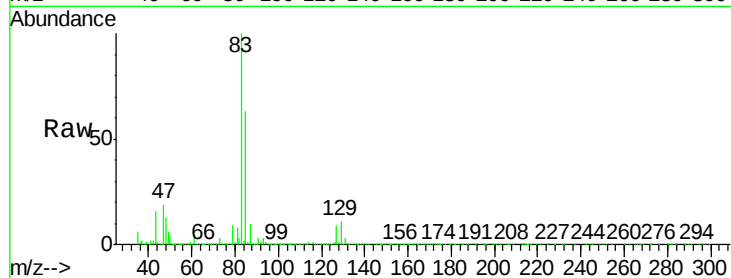
ClientSampled :

VSTDIC100

Tgt Ion:	83	Resp:	755648
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.7	77.5
127	8.6	7.1	10.7

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#48

Methyl methacrylate

Concen: 98.733 ug/l

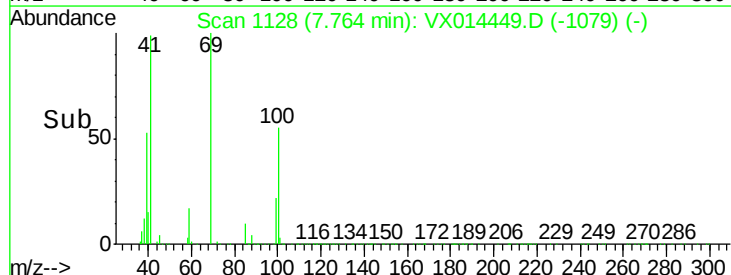
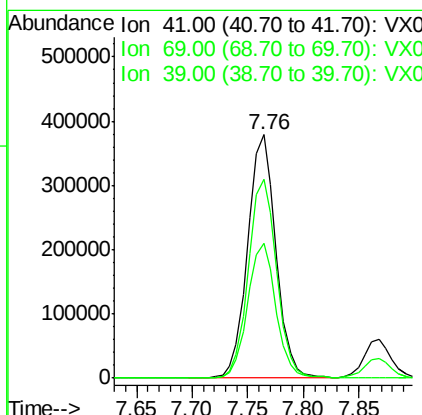
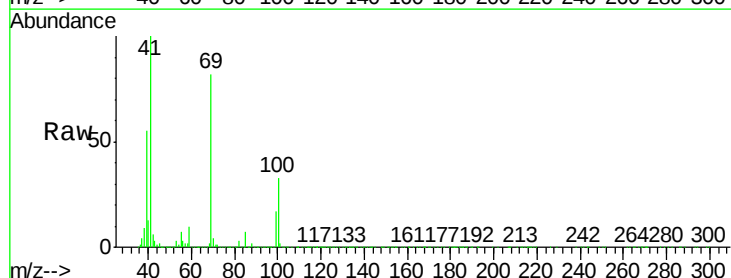
RT: 7.76 min Scan# 1128

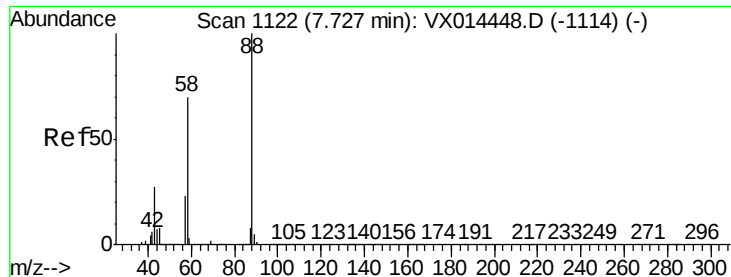
Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion:	41	Resp:	667373
Ion	Ratio	Lower	Upper
41	100		
69	82.5	65.5	98.3
39	55.5	43.9	65.9





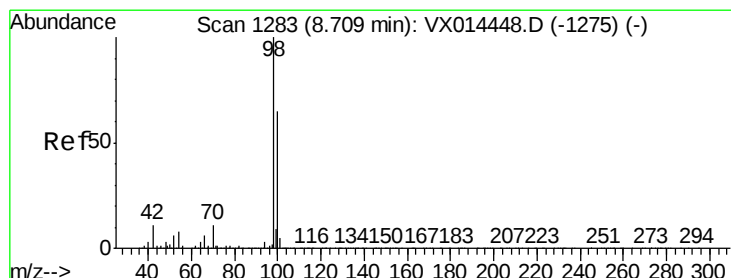
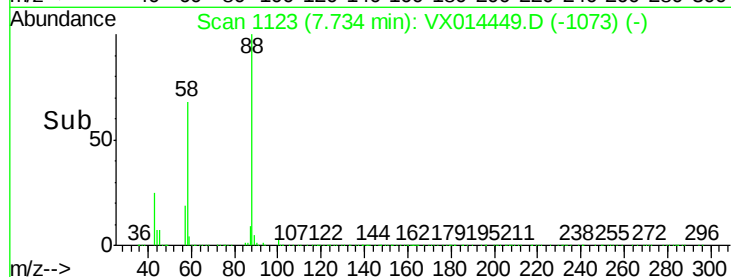
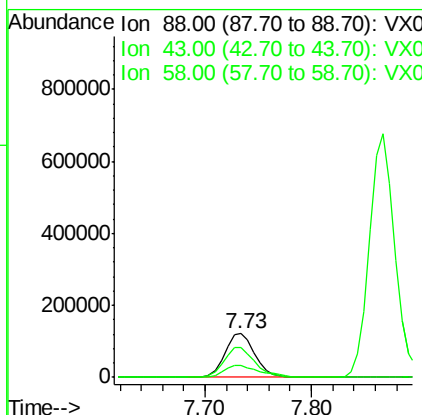
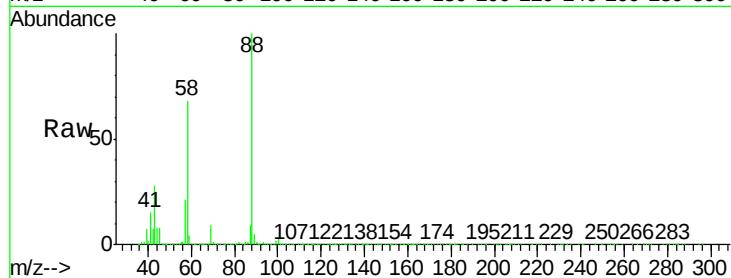
#49
1,4-Dioxane
Concen: 1712.511 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.3	27.4	41.0
58	69.7	57.1	85.7

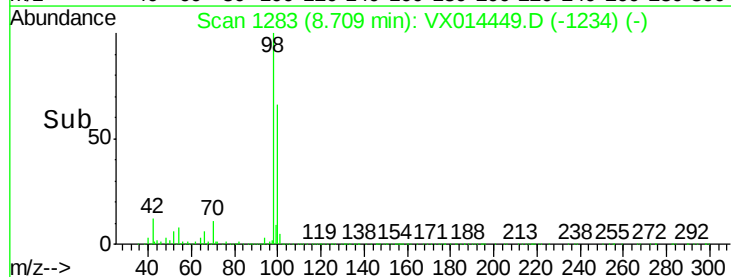
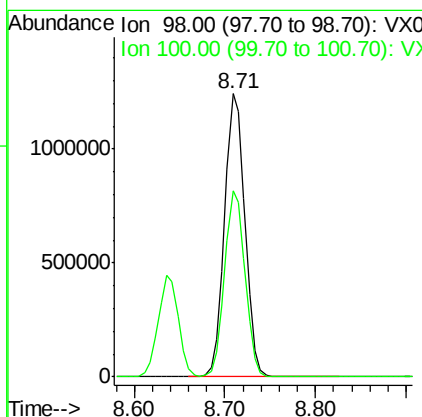
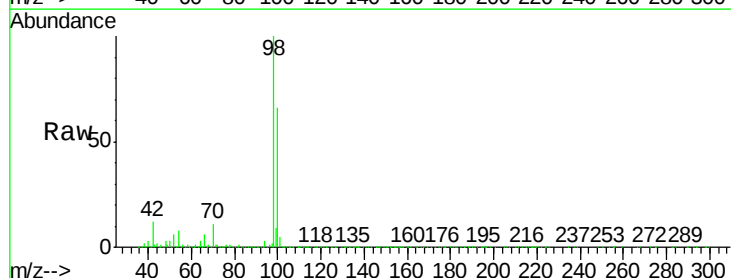
Manual Integrations
APPROVED

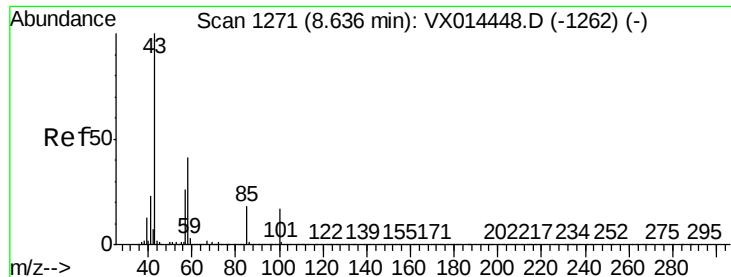
apatel
1/8/2020 9:16:00 AM



#50
Toluene-d8
Concen: 100.452 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.2	79.8





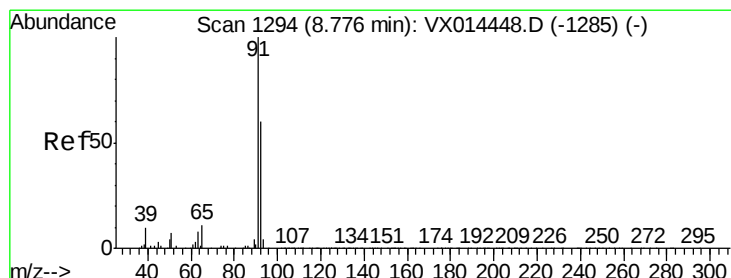
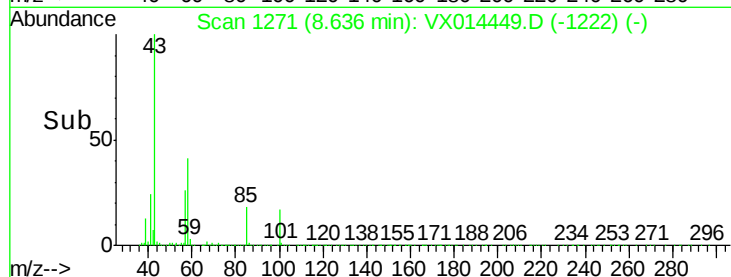
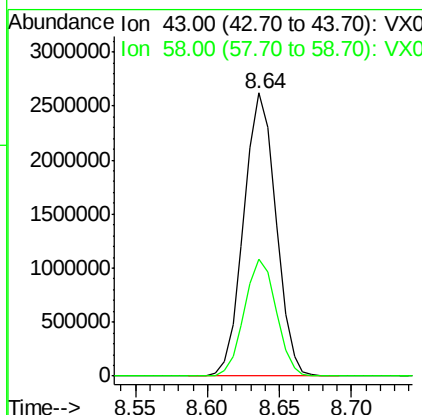
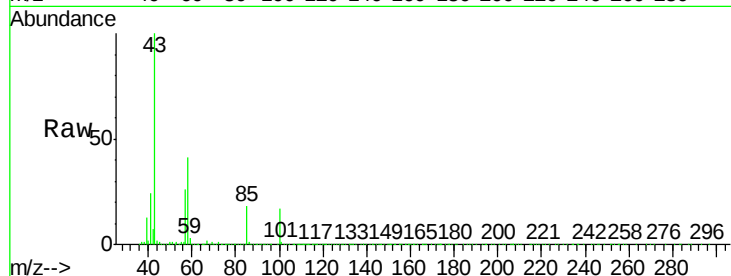
#51
4-Methyl-2-Pentanone
Concen: 469.684 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion: 43 Resp: 4060656
Ion Ratio Lower Upper
43 100
58 40.9 32.4 48.6

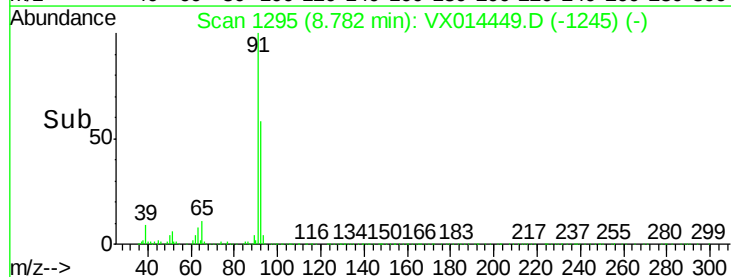
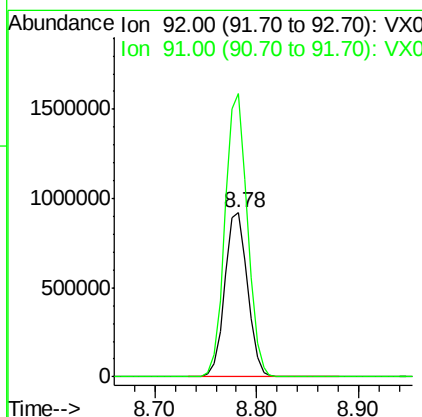
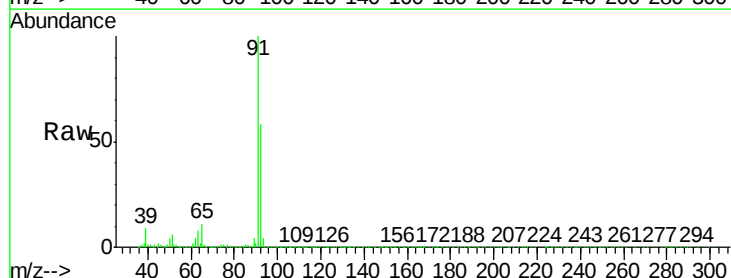
Manual Integrations
APPROVED

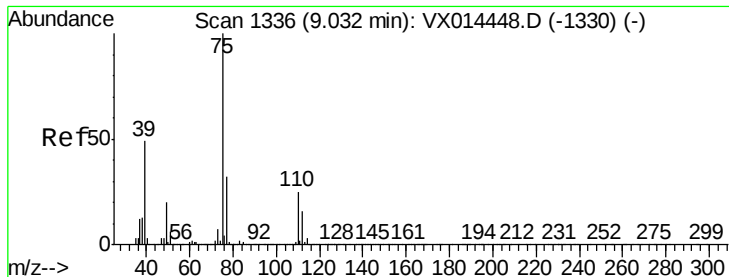
apatel
1/8/2020 9:16:00 AM



#52
Toluene
Concen: 96.078 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 92 Resp: 1415360
Ion Ratio Lower Upper
92 100
91 170.2 135.7 203.5





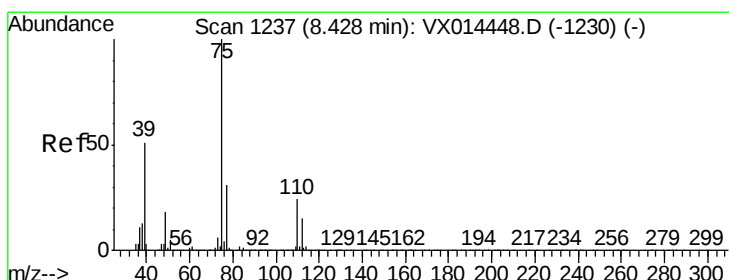
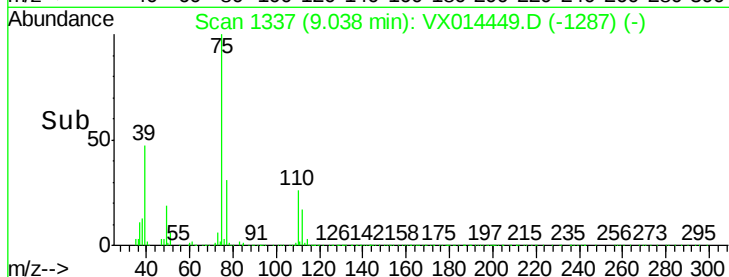
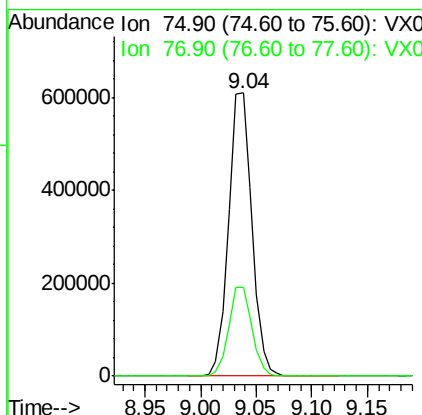
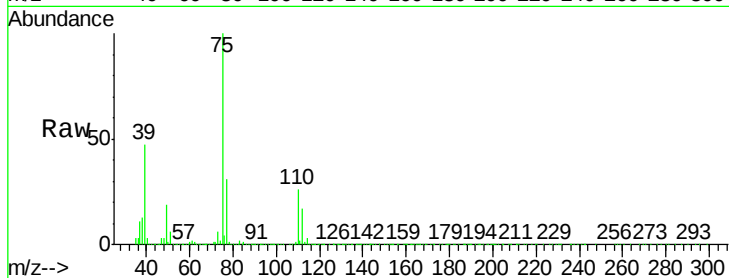
#53
t-1,3-Dichloropropene
Concen: 108.108 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 883354
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

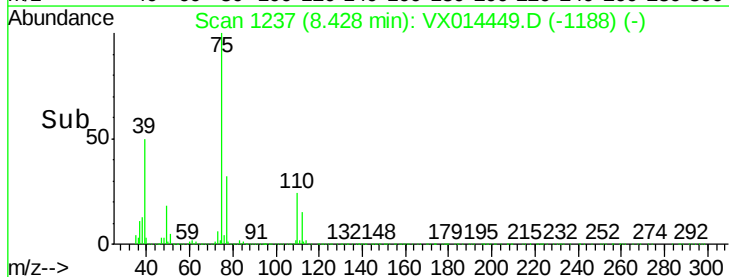
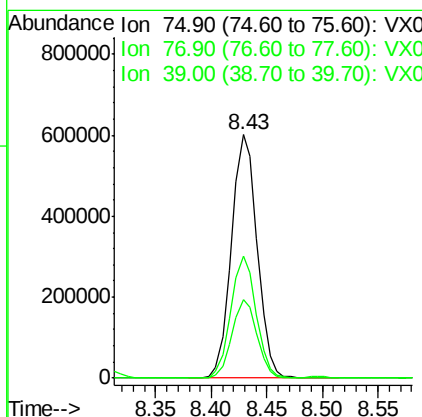
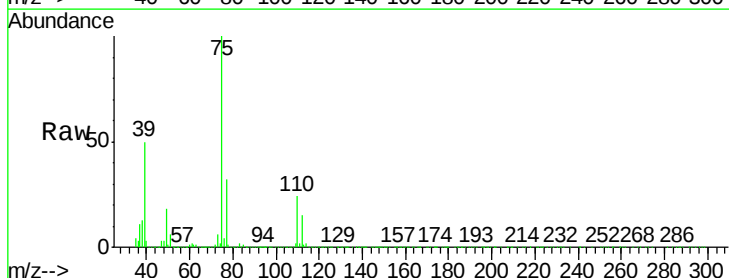
Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#54
cis-1,3-Dichloropropene
Concen: 105.468 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 75 Resp: 959956
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4
39 50.3 40.7 61.1





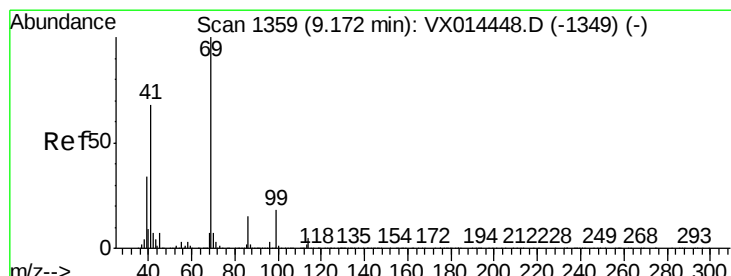
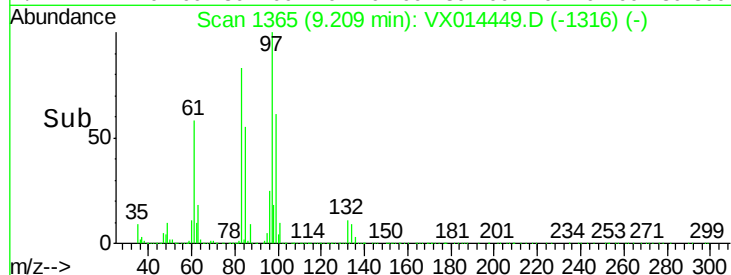
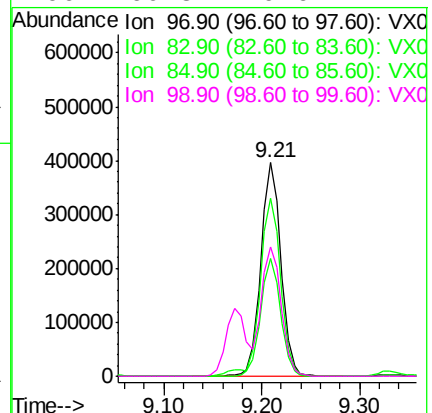
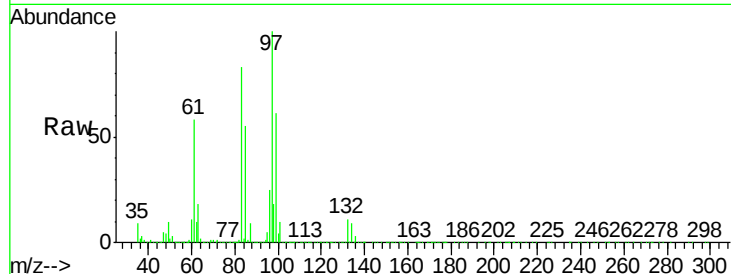
#55
 1,1,2-Trichloroethane
 Concen: 95.753 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	564492		
83	83.4	66.4	99.6	
85	55.0	43.4	65.2	
99	60.8	49.6	74.4	

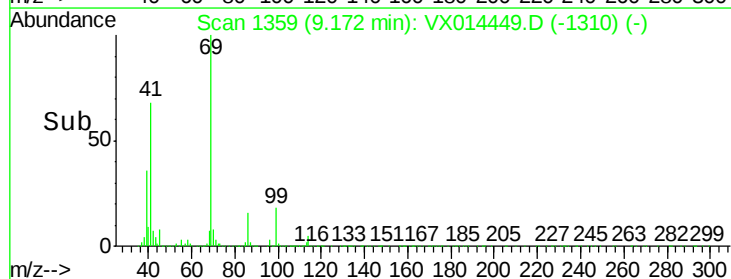
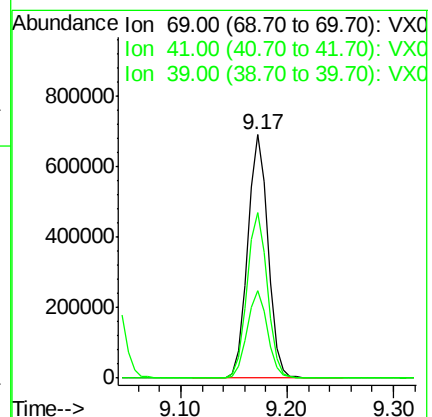
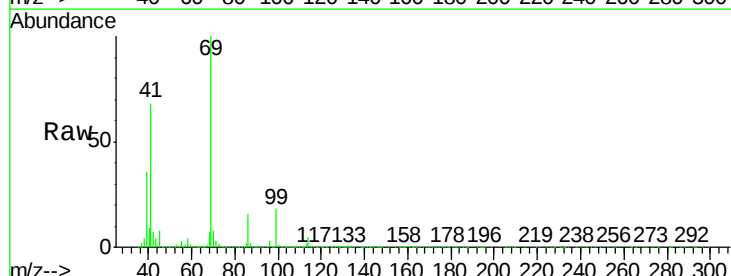
Manual Integrations
 APPROVED

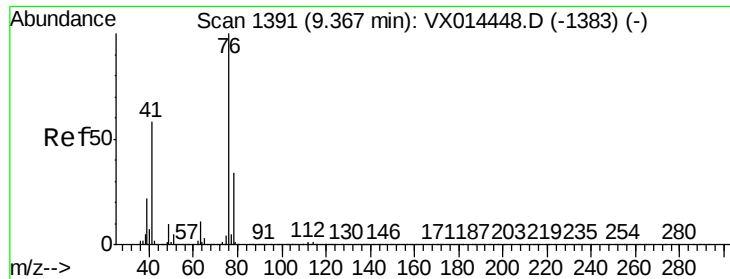
apatel
 1/8/2020 9:16:00 AM



#56
 Ethyl methacrylate
 Concen: 100.940 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	932494		
41	68.2	54.2	81.2	
39	35.8	28.2	42.2	





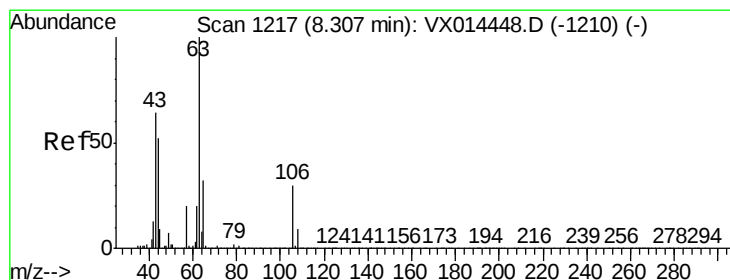
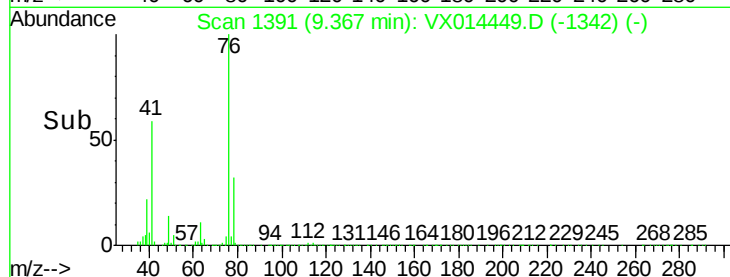
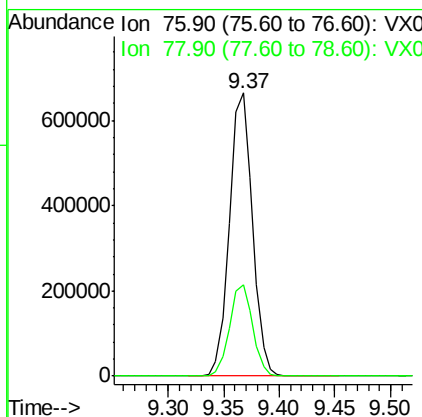
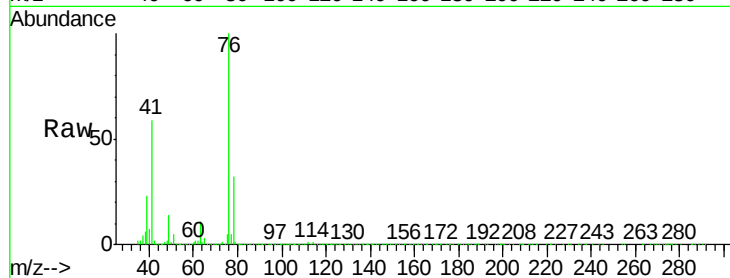
#57
 1,3-Dichloropropane
 Concen: 96.009 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 76 Resp: 948238
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.4 39.6

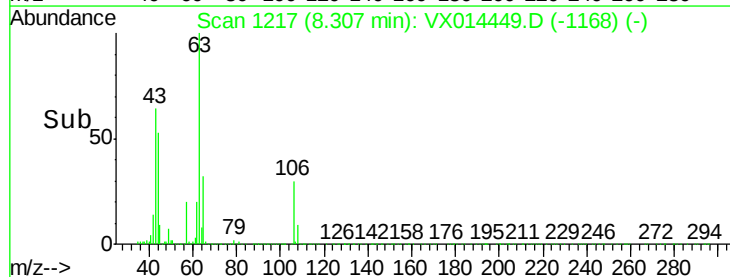
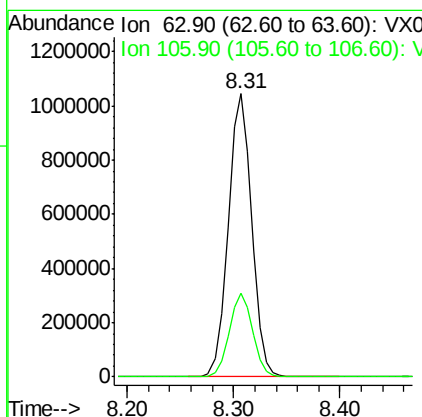
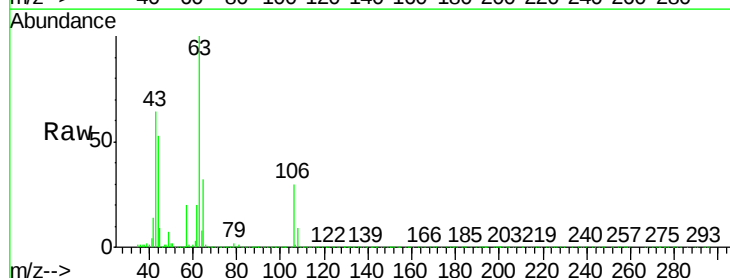
Manual Integrations
 APPROVED

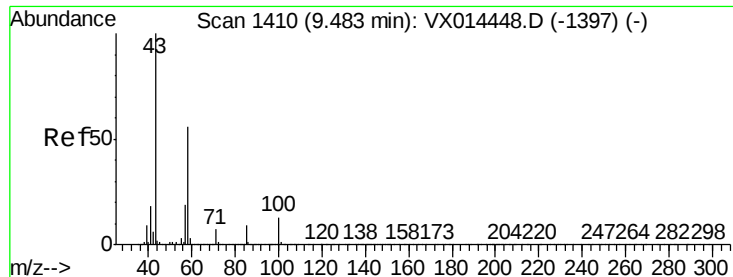
apatel
 1/8/2020 9:16:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 471.158 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion: 63 Resp: 1607349
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.6 35.4





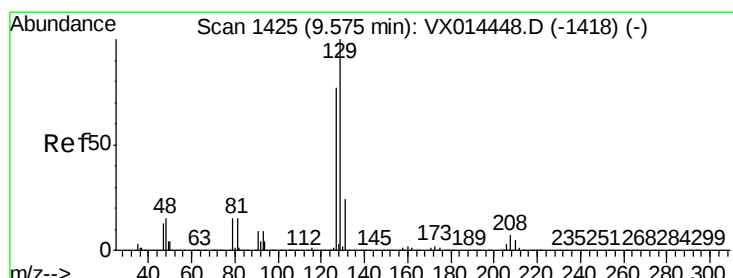
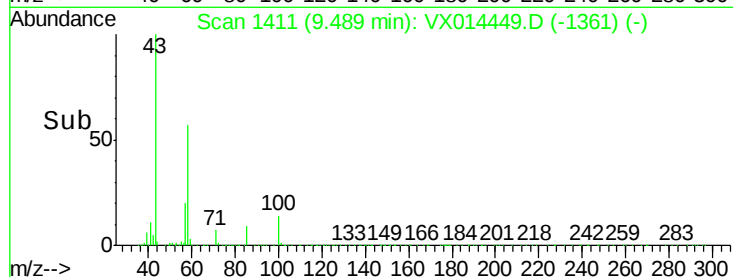
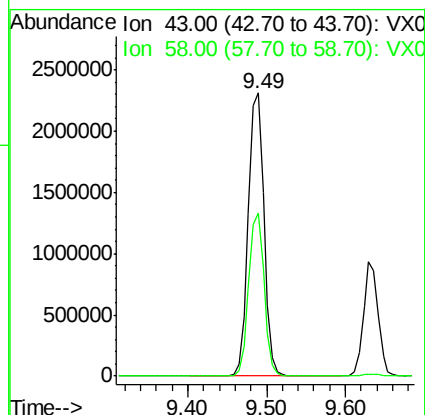
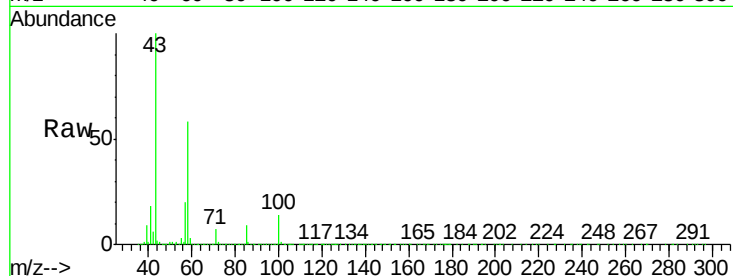
#59
2-Hexanone
Concen: 462.858 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tgt Ion: 43 Resp: 3200482
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.7

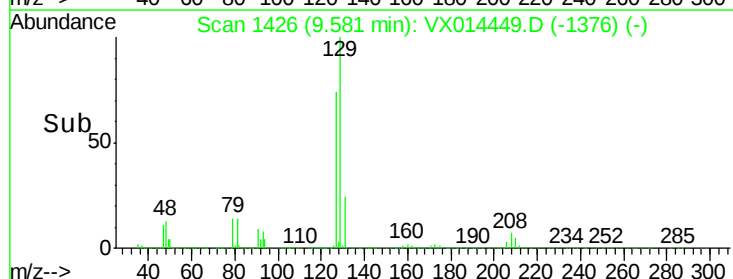
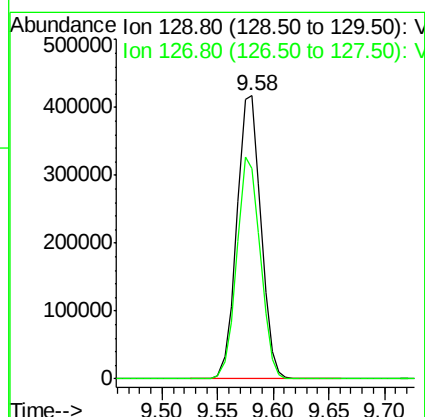
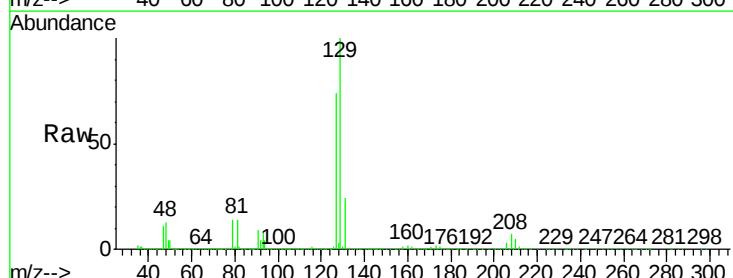
Manual Integrations
APPROVED

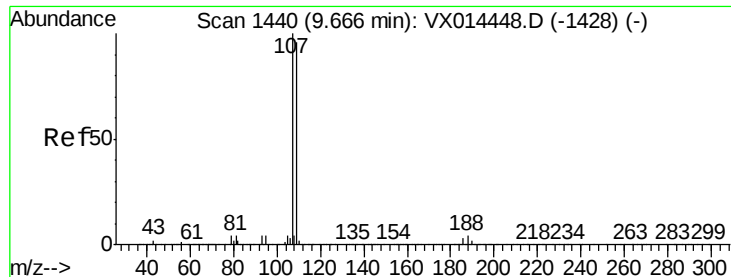
apatel
1/8/2020 9:16:00 AM



#60
Dibromochloromethane
Concen: 106.286 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 129 Resp: 624369
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 99.930 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 107 Resp: 602770

Ion Ratio Lower Upper

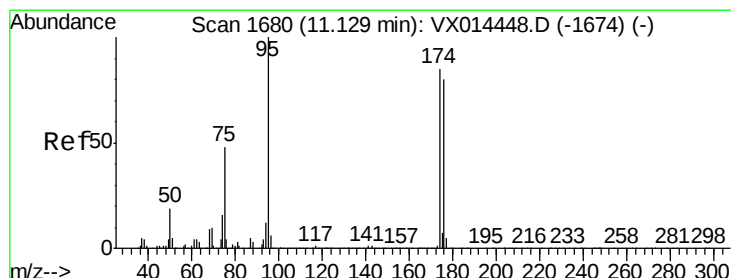
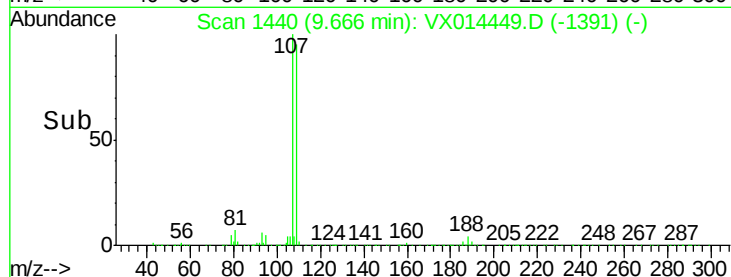
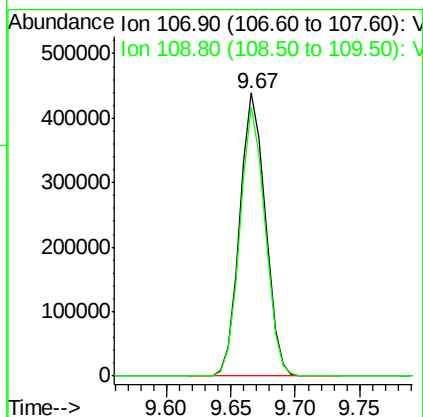
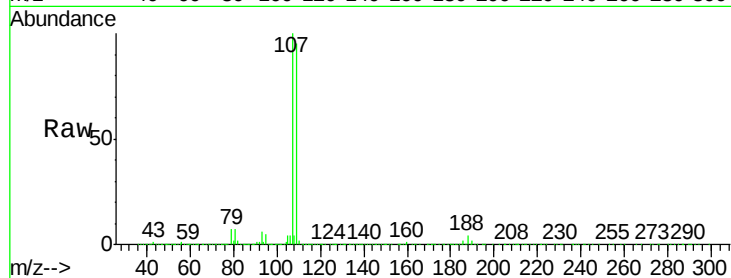
107 100

109 94.0 76.5 114.7

Manual Integrations
APPROVED

apatel

1/8/2020 9:16:00 AM



#62

4-Bromofluorobenzene

Concen: 100.309 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

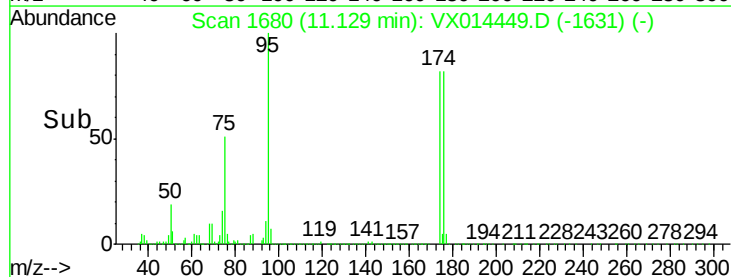
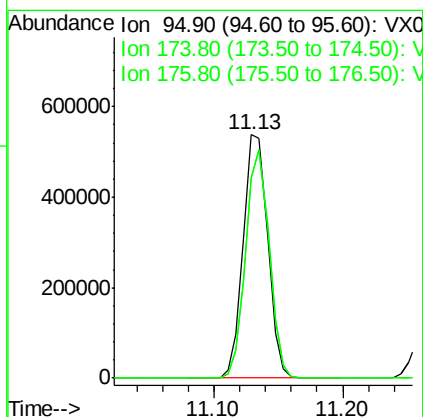
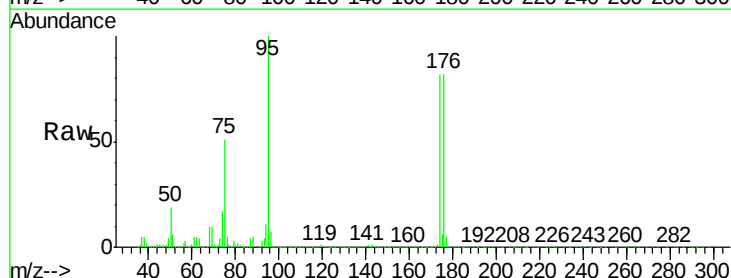
Tgt Ion: 95 Resp: 707369

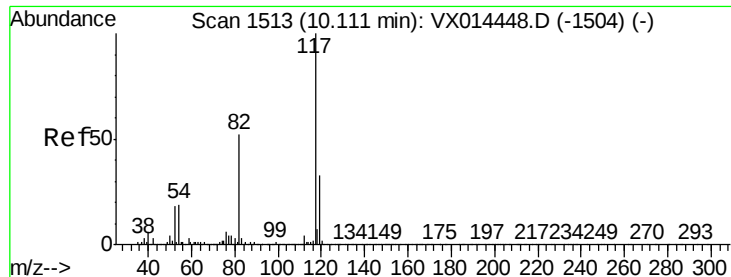
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.8

176 89.2 0.0 172.8





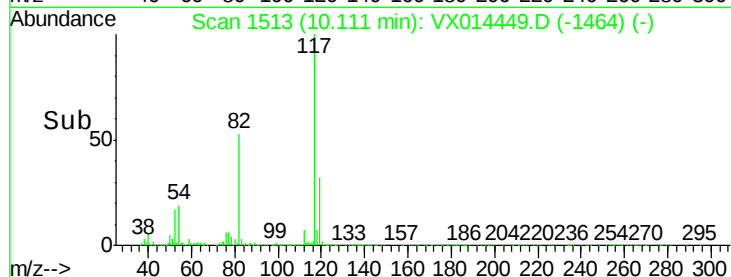
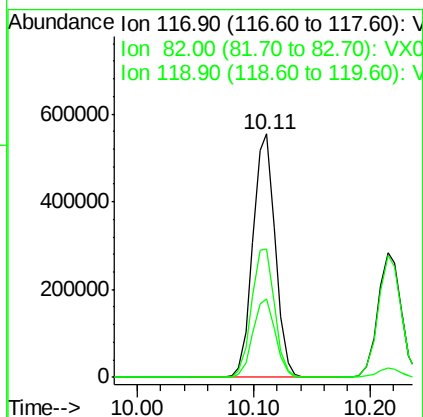
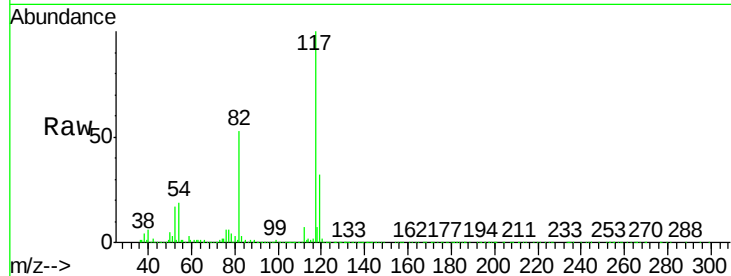
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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

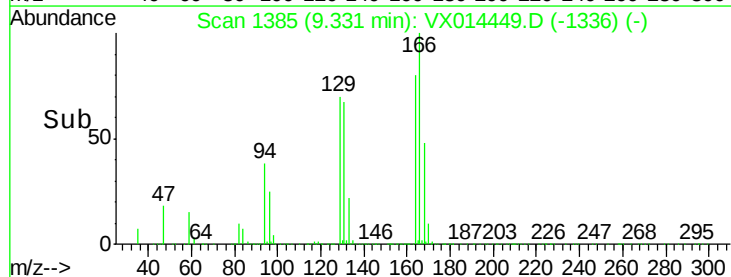
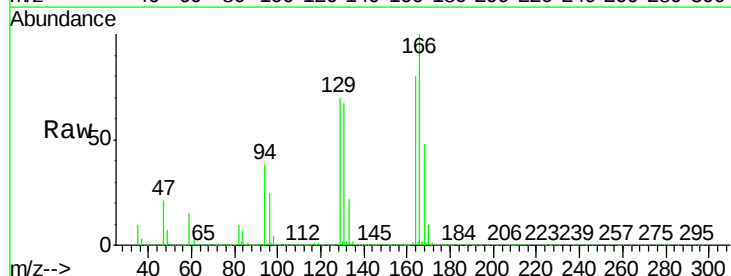
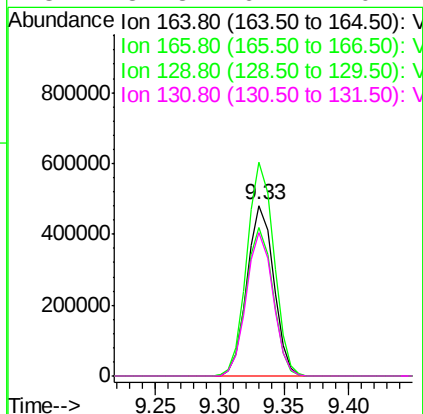
Manual Integrations
APPROVED

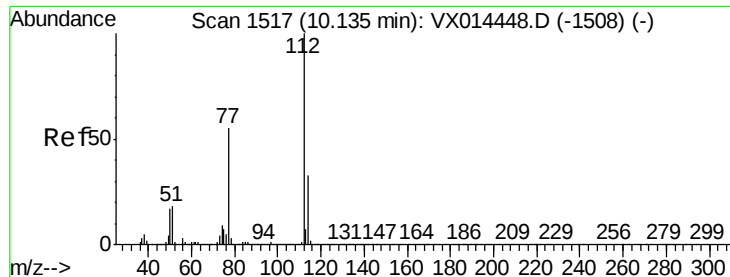
apatel
1/8/2020 9:16:00 AM



#64
Tetrachloroethene
Concen: 101.279 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	125.1	101.2	151.8
129	87.1	68.3	102.5
131	84.3	67.4	101.2





#65

Chlorobenzene

Concen: 96.823 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion:112 Resp: 1540561

Ion Ratio Lower Upper

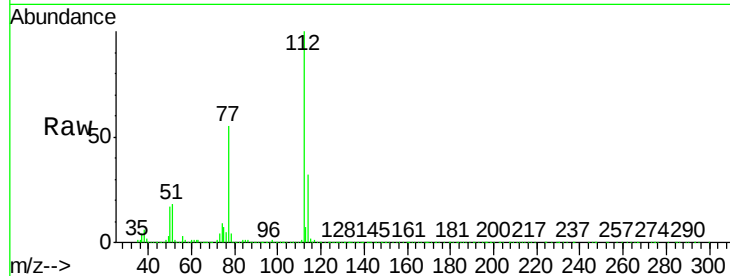
112 100

114 32.4 26.2 39.4

Manual Integrations
APPROVED

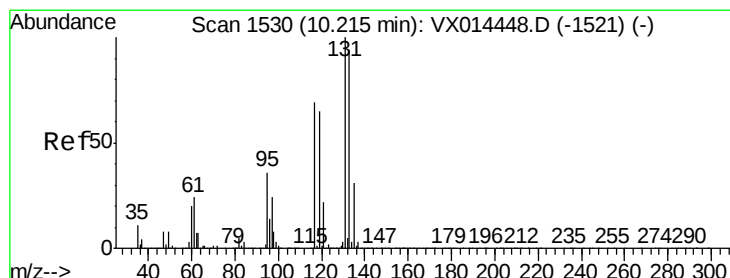
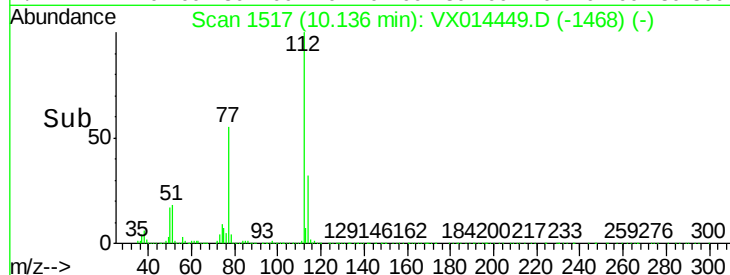
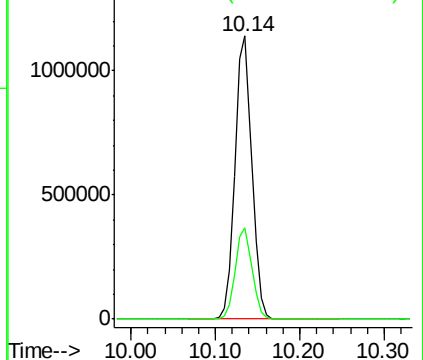
apatel

1/8/2020 9:16:00 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 100.188 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

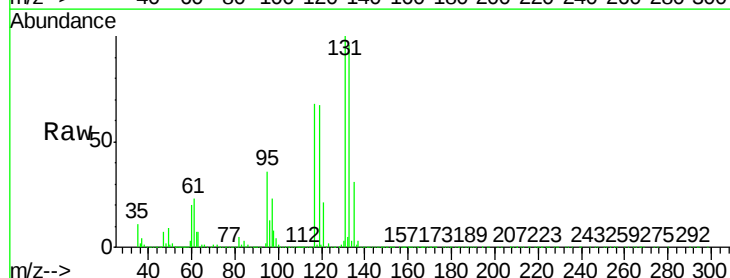
Tgt Ion:131 Resp: 569507

Ion Ratio Lower Upper

131 100

133 96.4 47.3 142.0

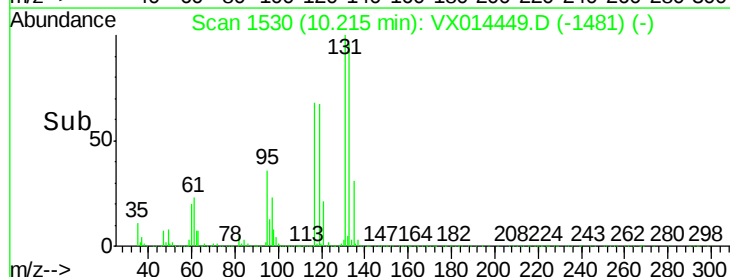
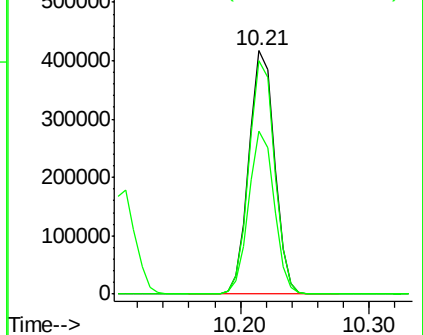
119 66.6 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 99.047 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 91 Resp: 2704822

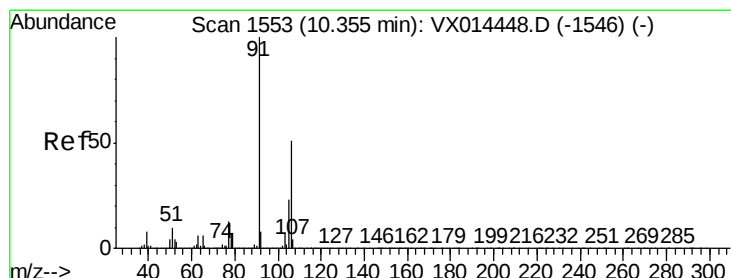
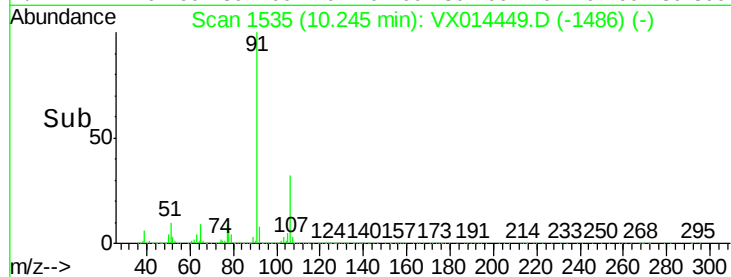
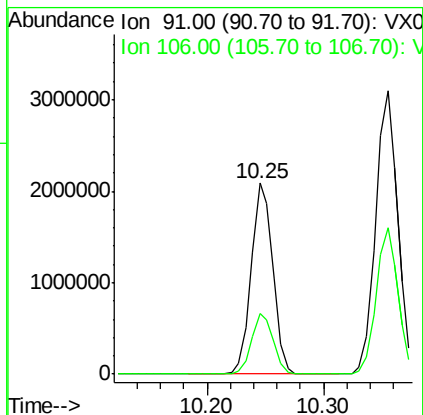
Ion Ratio Lower Upper

91 100

106 31.9 25.6 38.4

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#68

m/p-Xylenes

Concen: 198.461 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014449.D

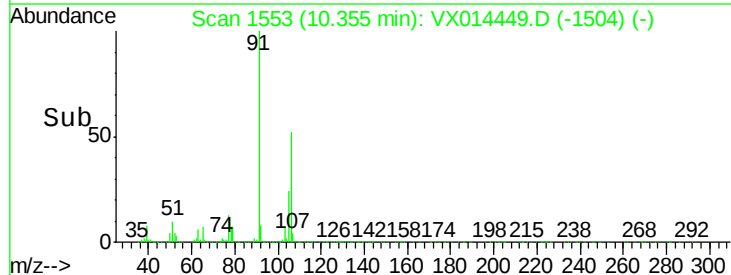
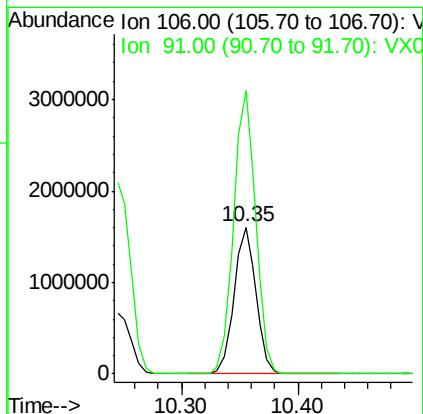
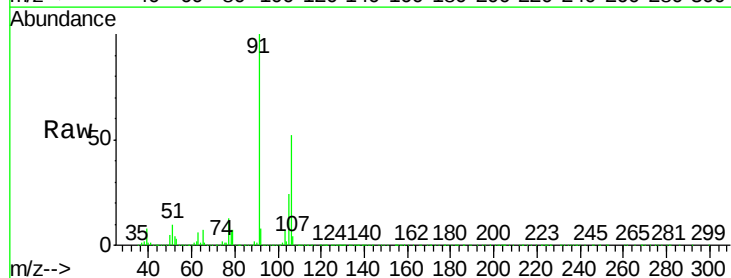
Acq: 07 Jan 2020 15:07

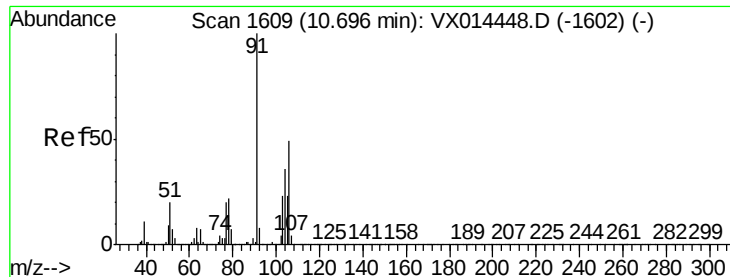
Tgt Ion: 106 Resp: 2088189

Ion Ratio Lower Upper

106 100

91 195.8 157.4 236.0





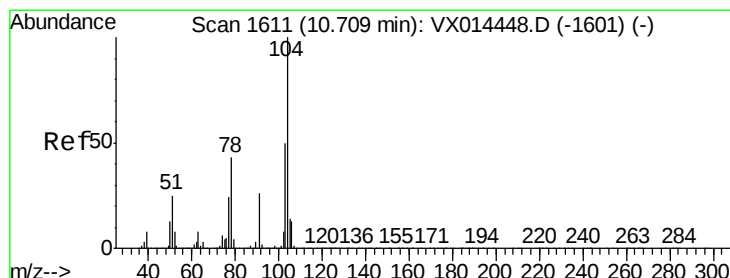
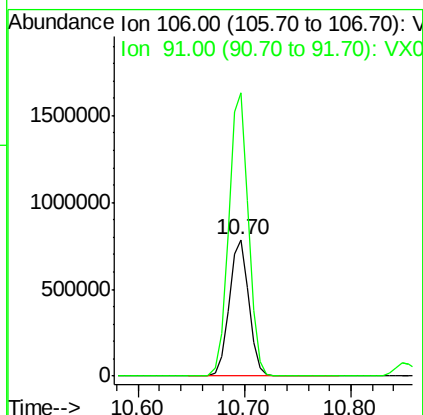
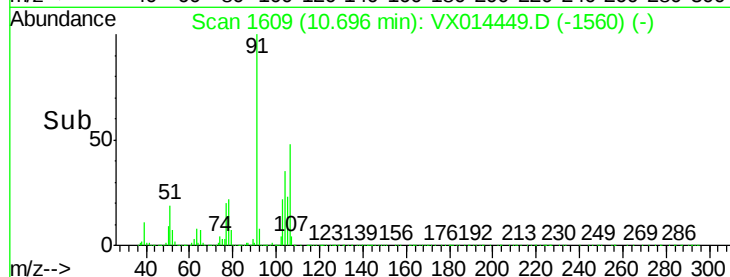
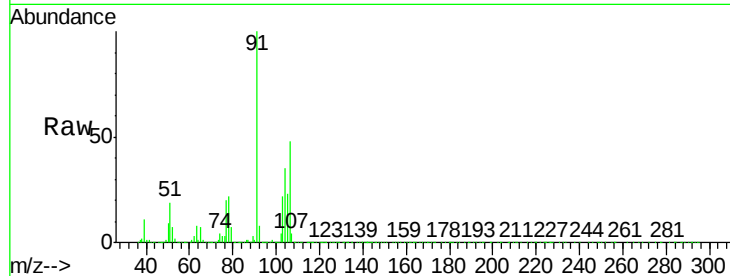
#69
o-Xylene
Concen: 98.003 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 1006956
Ion Ratio Lower Upper
106 100
91 209.0 105.1 315.1

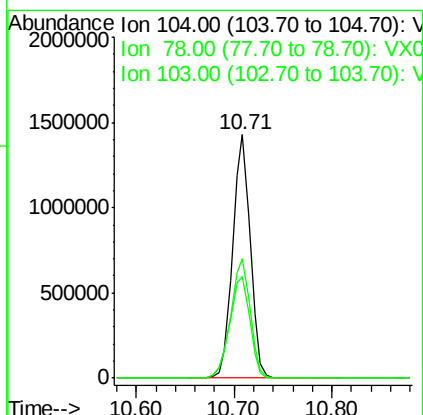
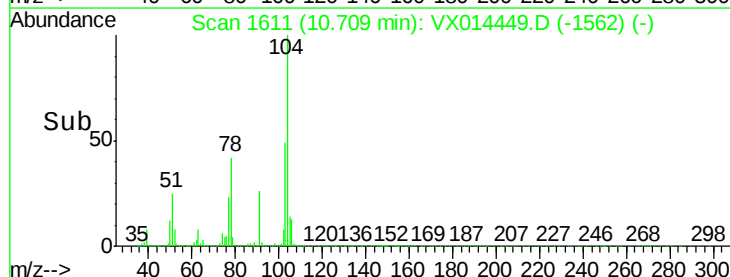
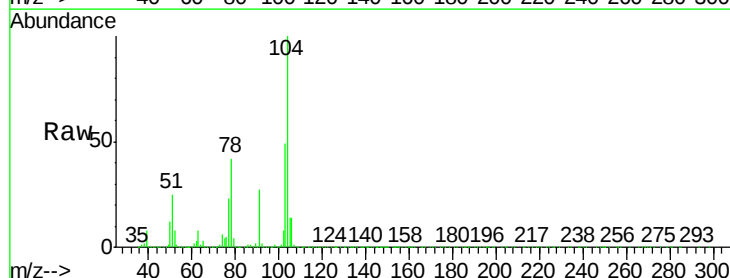
Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#70
Styrene
Concen: 102.235 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion:104 Resp: 1777773
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.2 43.7 65.5





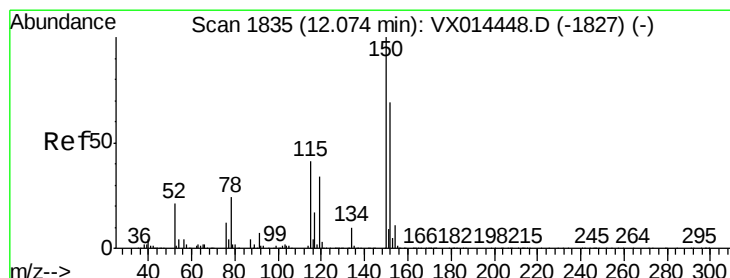
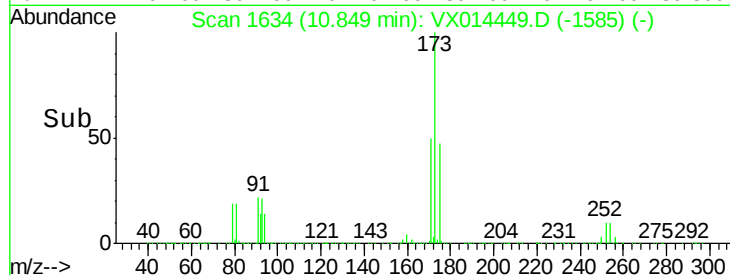
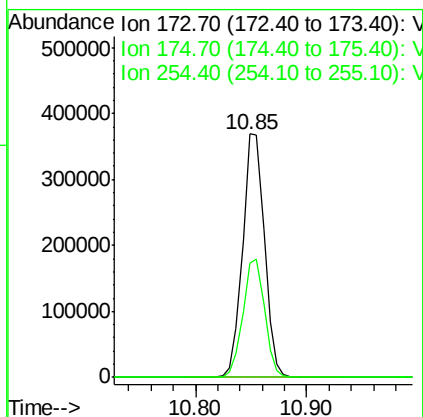
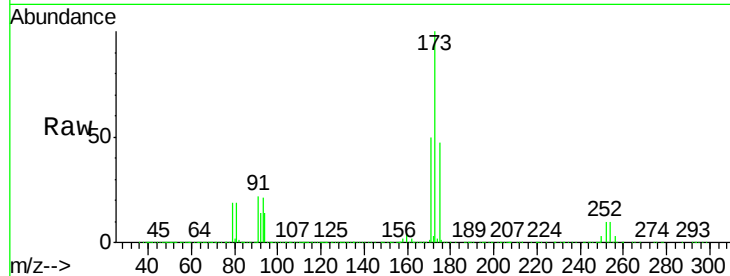
#71
Bromoform
Concen: 109.439 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.3	0.2	0.2#

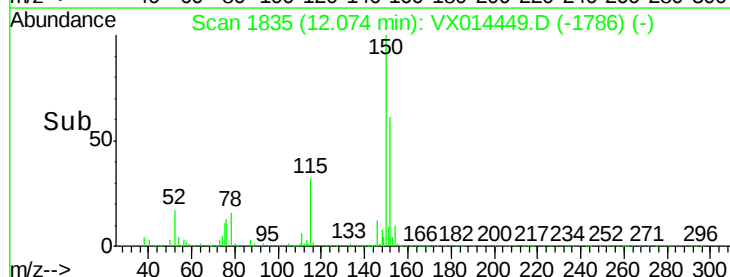
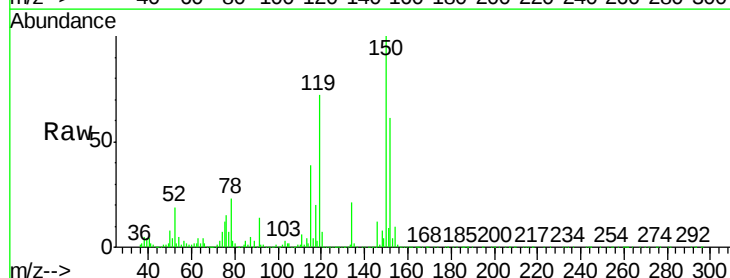
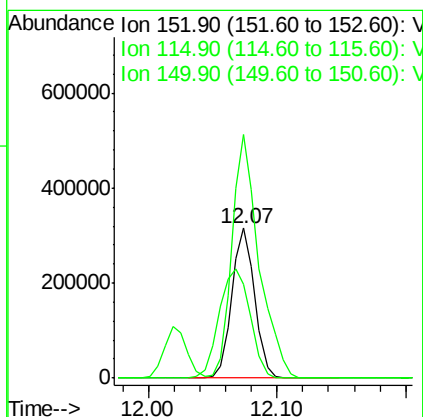
Manual Integrations
APPROVED

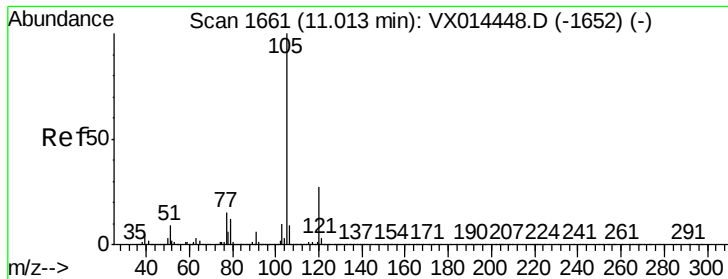
apatel
1/8/2020 9:16:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	99.7	39.5	118.3
150	192.4	0.0	350.2





#73

Isopropylbenzene

Concen: 95.932 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 105 Resp: 2639153

Ion Ratio Lower Upper

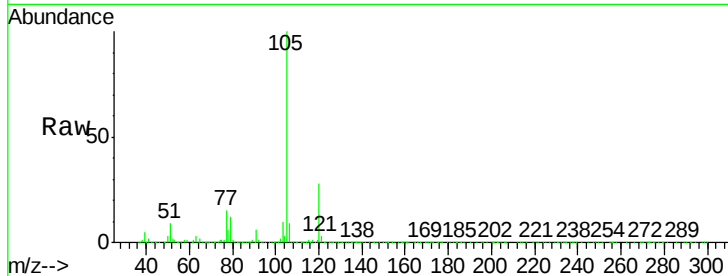
105 100

120 27.3 13.4 40.2

Manual Integrations
APPROVED

apatel

1/8/2020 9:16:00 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

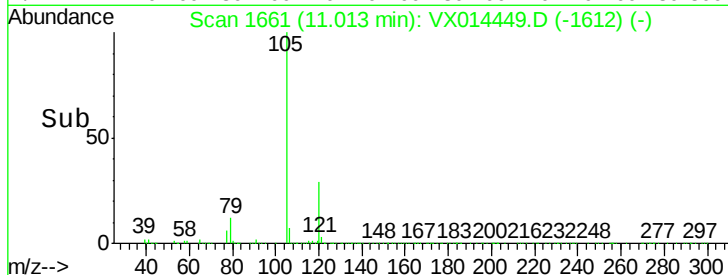
1500000

1000000

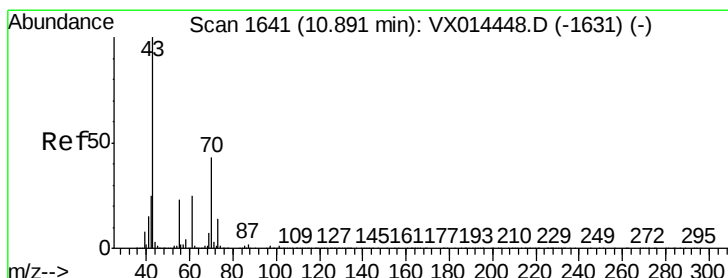
500000

0

Time-->



Time-->



#74

N-ethyl acetate

Concen: 96.342 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion: 43 Resp: 1230427

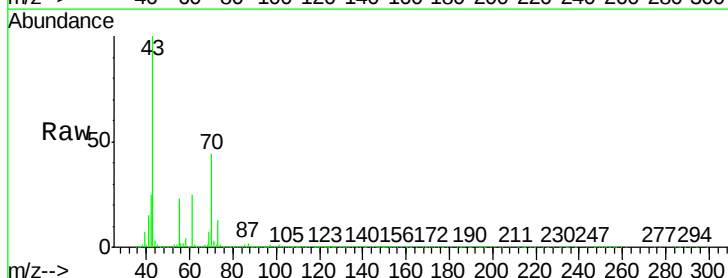
Ion Ratio Lower Upper

43 100

70 43.7 35.1 52.7

55 23.5 19.3 28.9

61 25.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

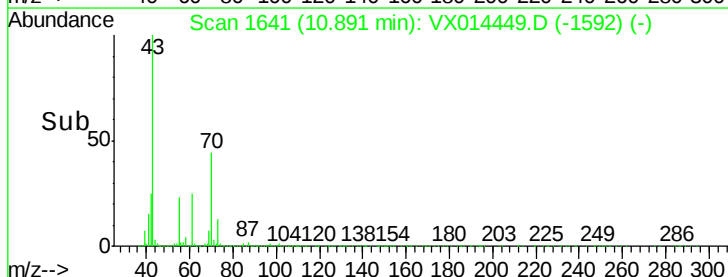
1500000

1000000

500000

0

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 91.062 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

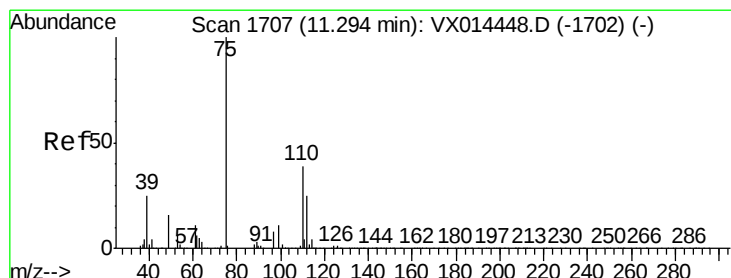
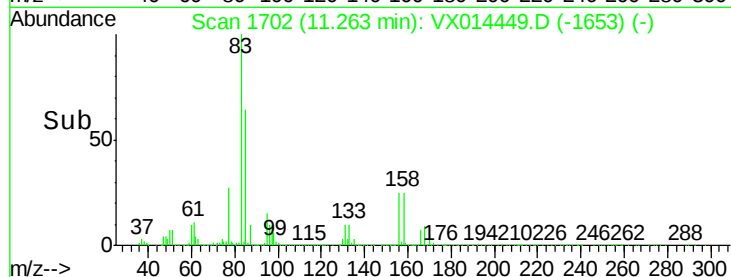
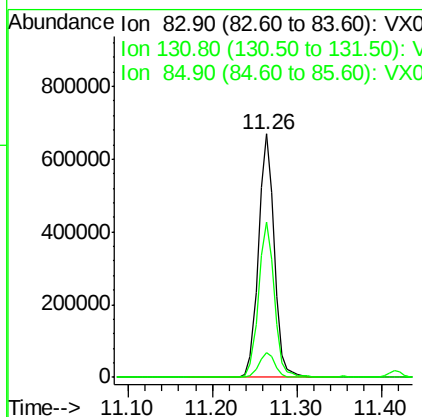
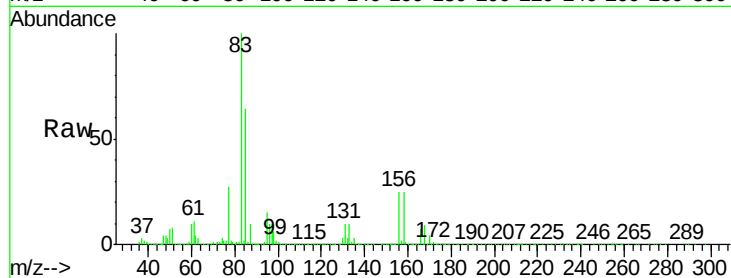
ClientSampled :

VSTDIC100

Tgt Ion:	83	Resp:	854761
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.1	32.5	97.4

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#76

1,2,3-Trichloropropane

Concen: 99.994 ug/l m

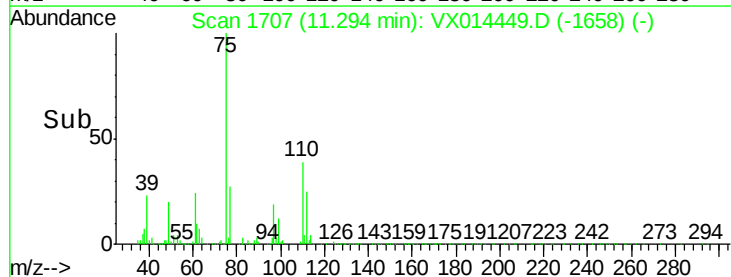
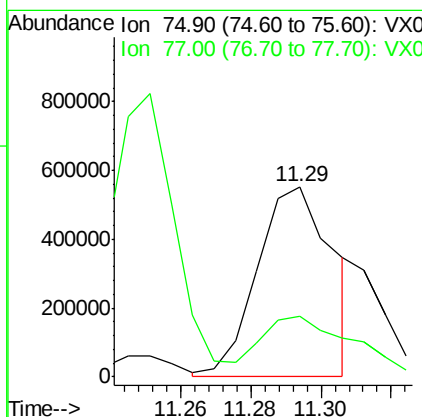
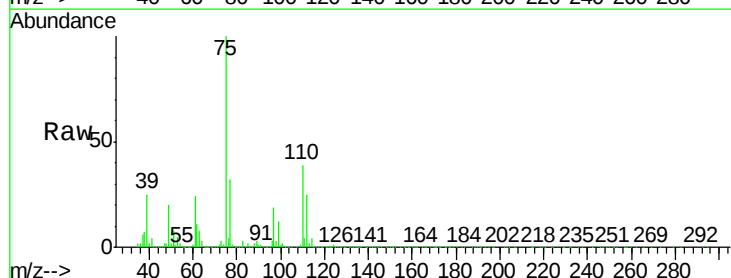
RT: 11.29 min Scan# 1707

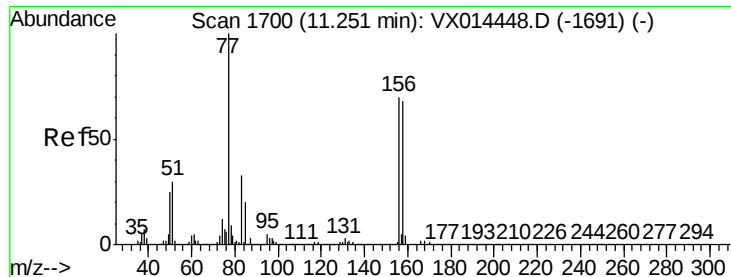
Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion:	75	Resp:	825786
Ion Ratio	Lower	Upper	
75	100		
77	38.6	21.9	65.7





#77

Bromobenzene

Concen: 93.216 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

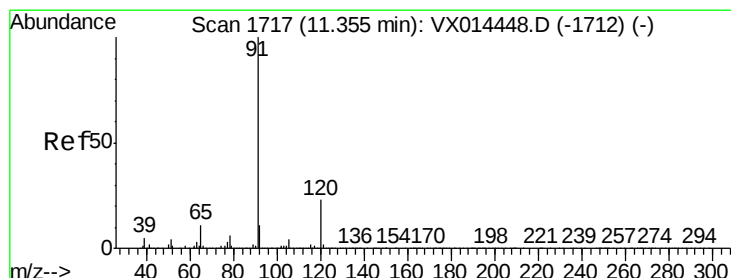
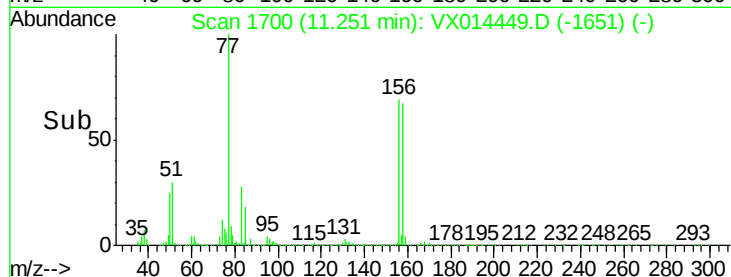
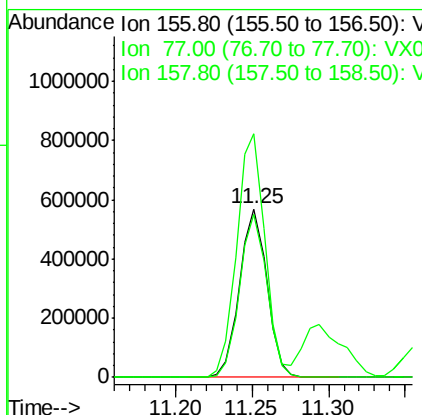
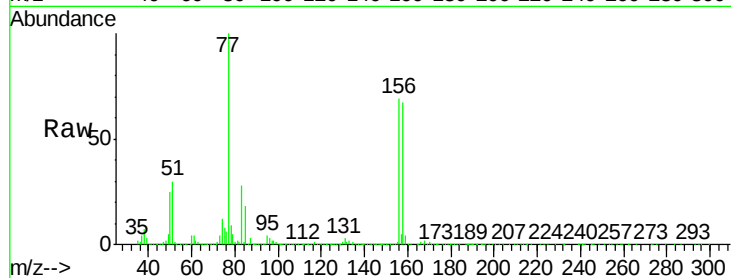
ClientSampled :

VSTDIC100

Tgt Ion:	156	Resp:	706498
Ion Ratio	Lower	Upper	
156	100		
77	149.9	75.4	226.3
158	96.9	48.8	146.3

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#78

n-propylbenzene

Concen: 99.292 ug/l

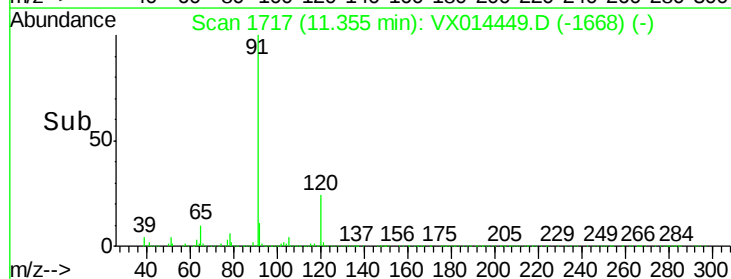
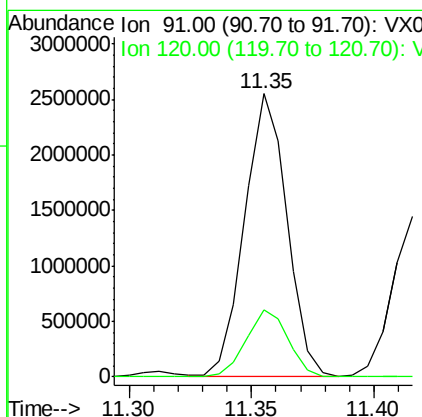
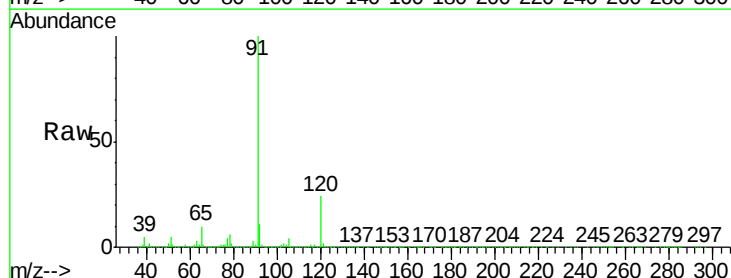
RT: 11.35 min Scan# 1717

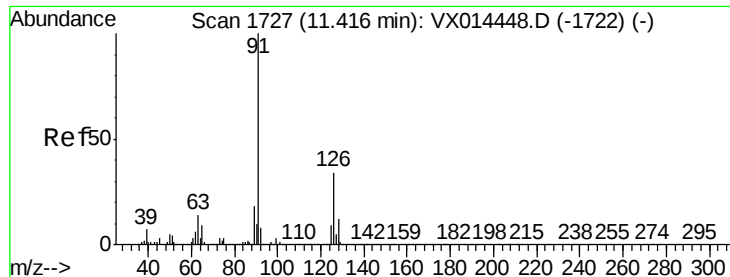
Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion:	91	Resp:	3063727
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5





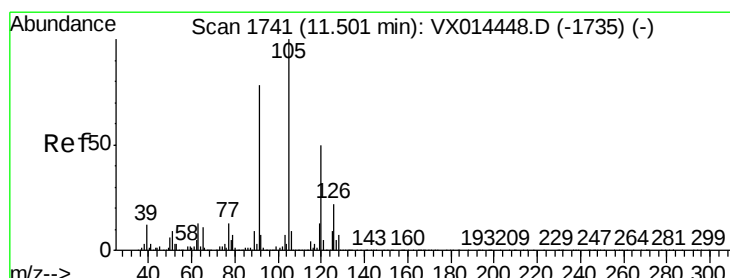
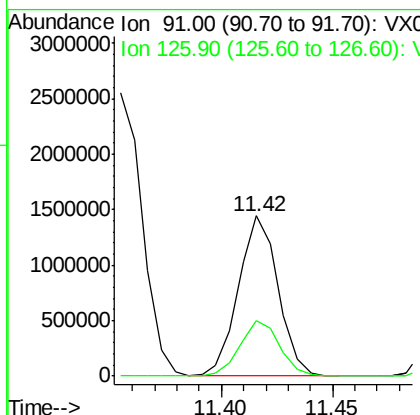
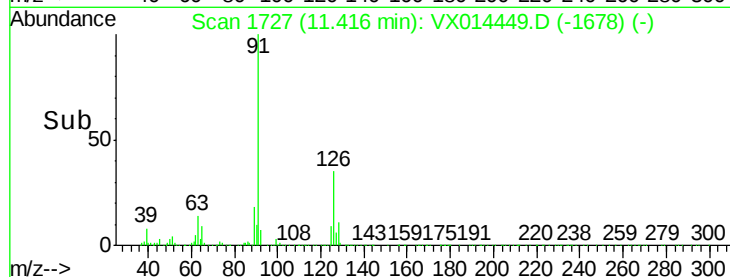
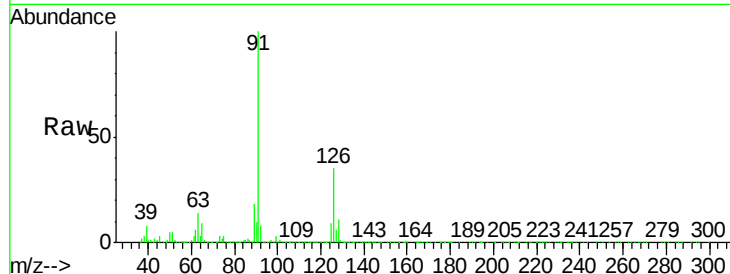
#79
2-Chlorotoluene
Concen: 95.546 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion: 91 Resp: 1785934
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

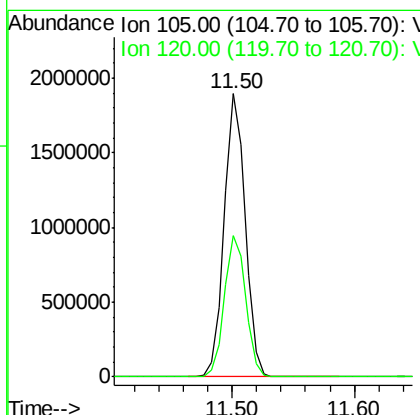
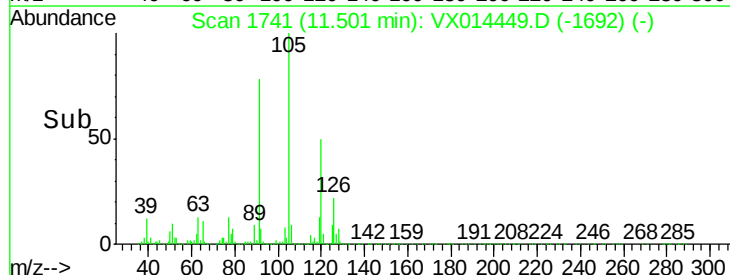
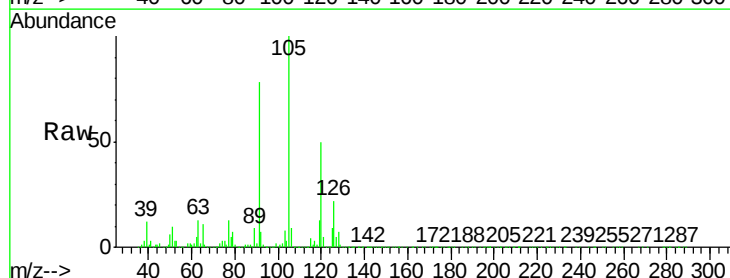
Manual Integrations
APPROVED

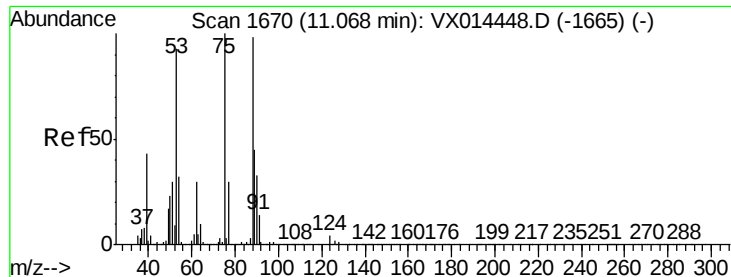
apatel
1/8/2020 9:16:00 AM



#80
1,3,5-Trimethylbenzene
Concen: 97.071 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 105 Resp: 2244836
Ion Ratio Lower Upper
105 100
120 50.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 108.286 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

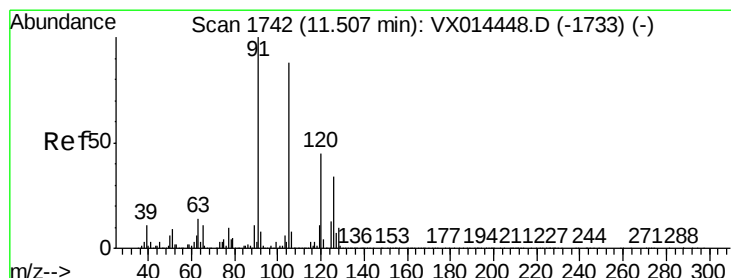
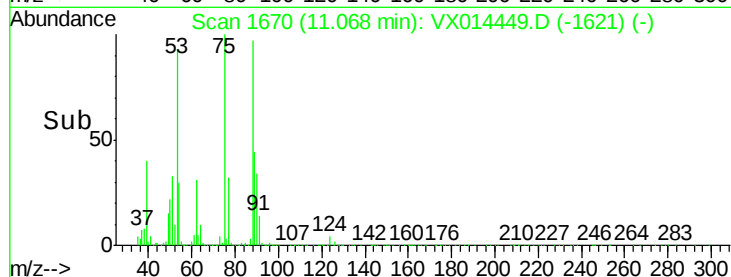
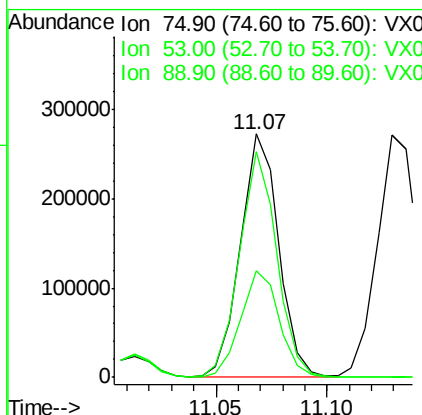
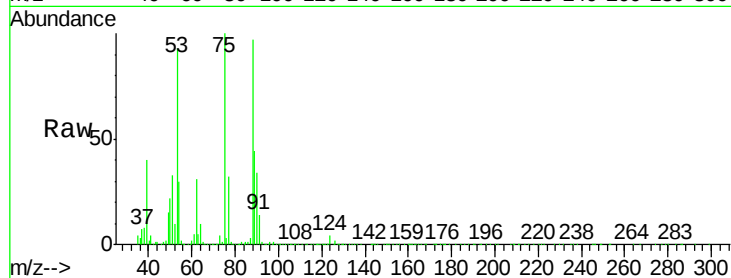
ClientSampleId :

VSTDIC100

Tgt Ion:	75	Resp:	326330
Ion Ratio	Lower	Upper	
75	100		
53	90.6	74.8	112.2
89	44.6	36.3	54.5

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#82

4-Chlorotoluene

Concen: 96.530 ug/l

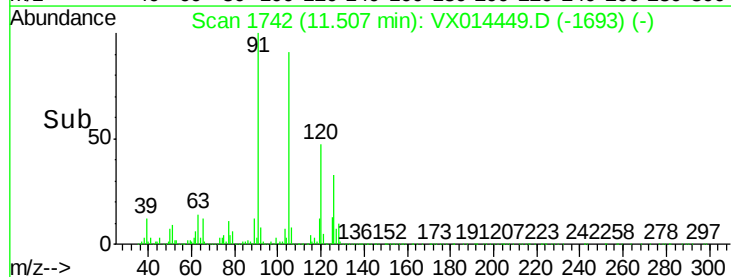
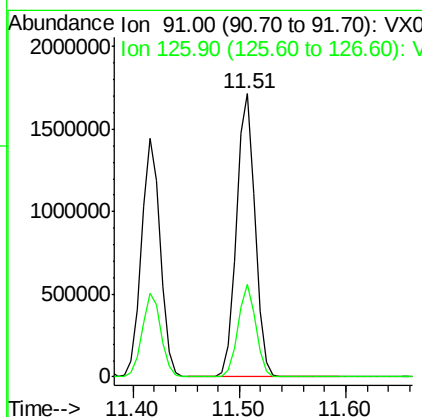
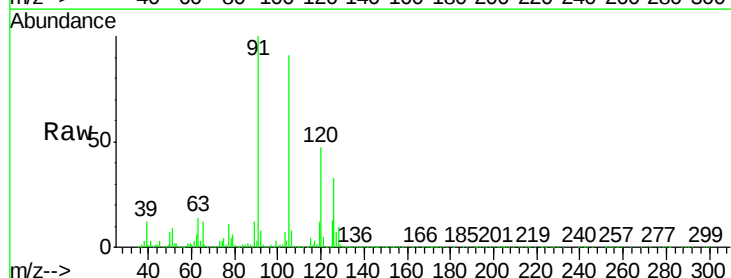
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion:	91	Resp:	2099318
Ion Ratio	Lower	Upper	
91	100		
126	31.2	15.9	47.7





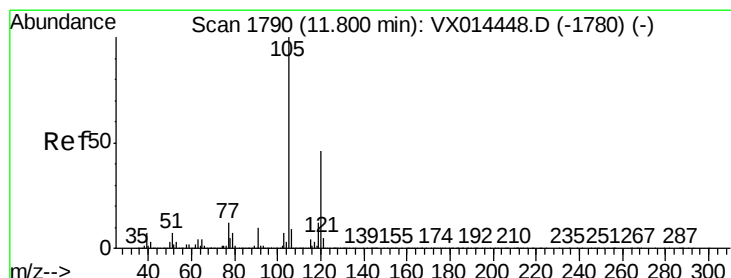
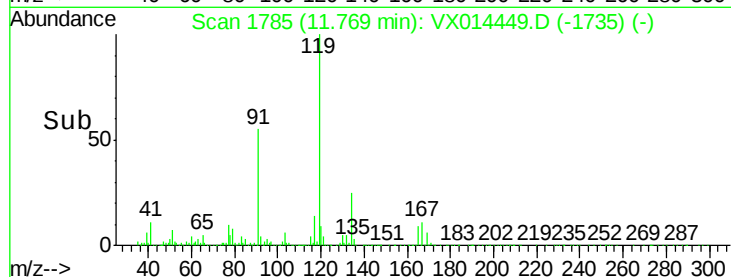
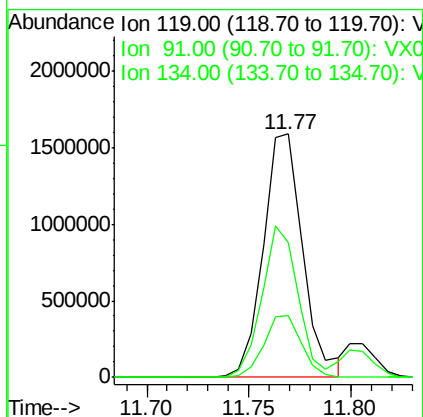
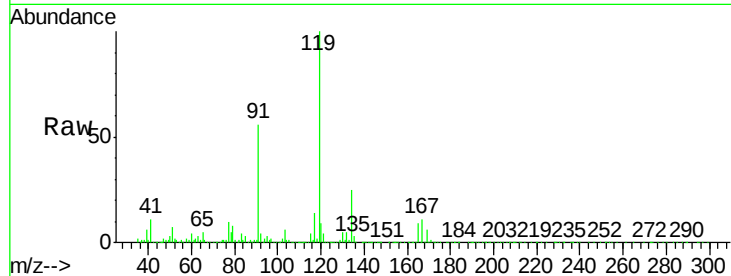
#83
tert-Butylbenzene
Concen: 96.364 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.6	29.3	88.0
134	24.1	12.4	37.4

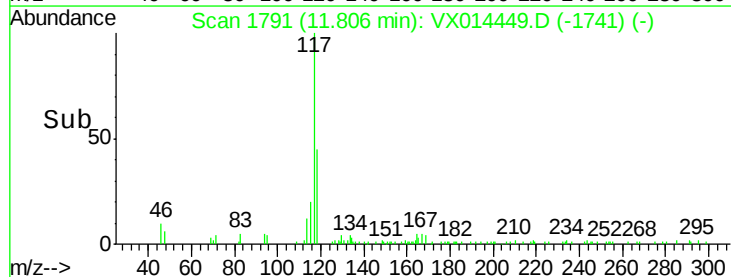
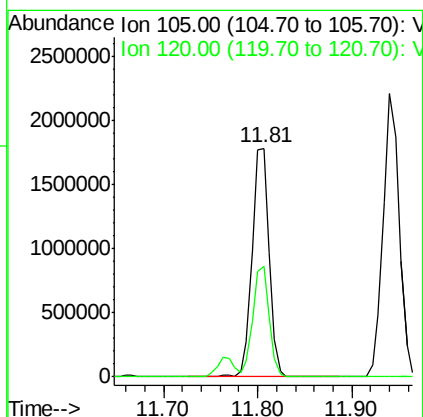
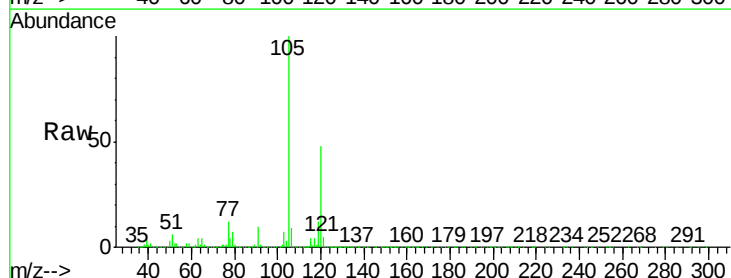
Manual Integrations
APPROVED

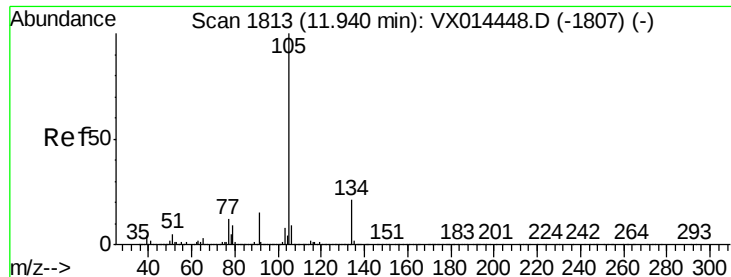
apatel
1/8/2020 9:16:00 AM



#84
1,2,4-Trimethylbenzene
Concen: 98.409 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





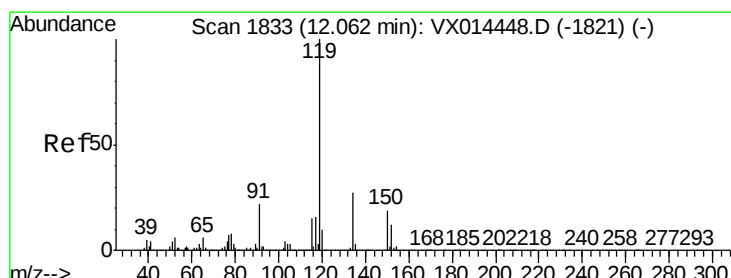
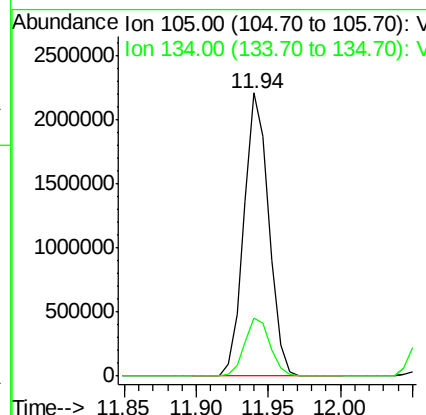
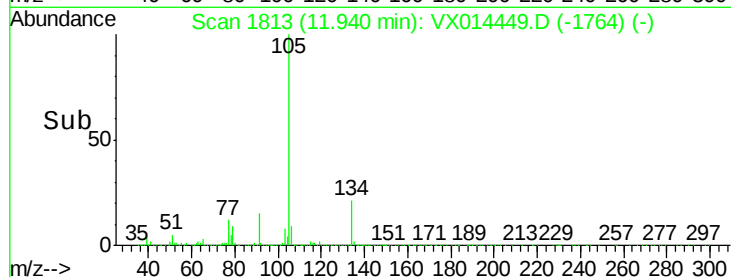
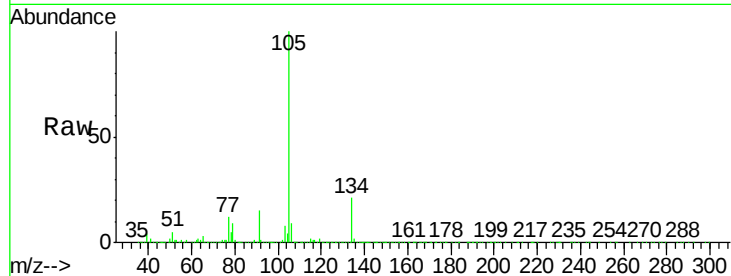
#85
 sec-Butylbenzene
 Concen: 99.179 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 2640784
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

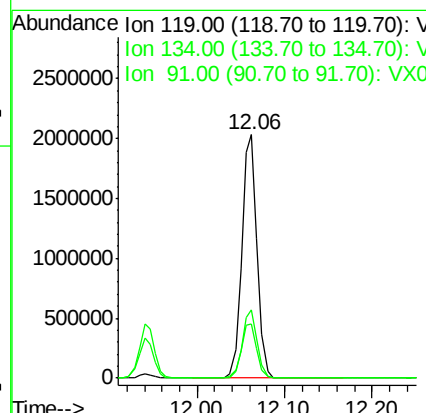
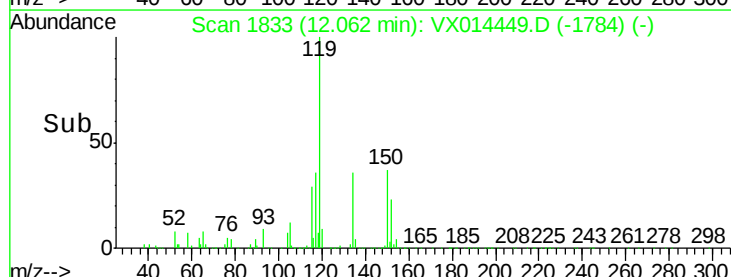
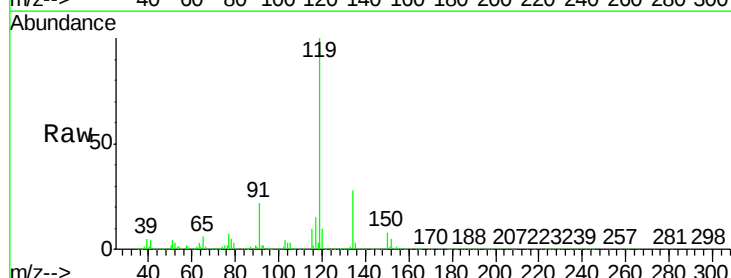
Manual Integrations
 APPROVED

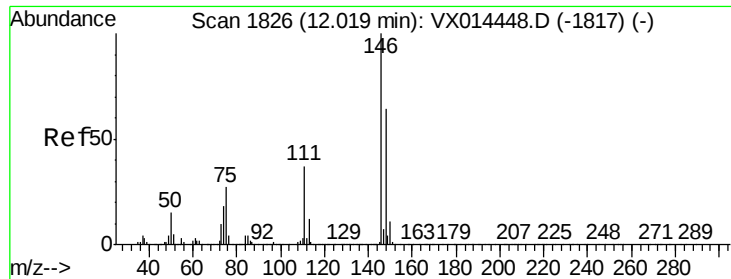
apatel
 1/8/2020 9:16:00 AM



#86
 p-Isopropyltoluene
 Concen: 100.825 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion:119 Resp: 2460277
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 22.5 11.1 33.3





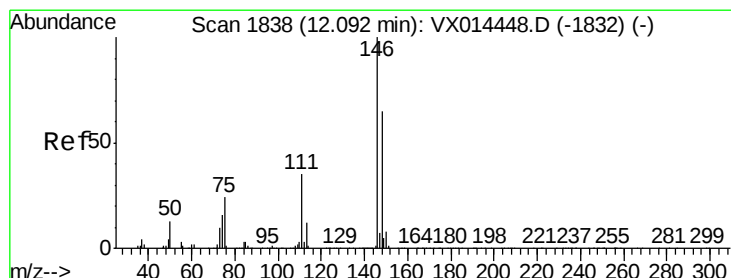
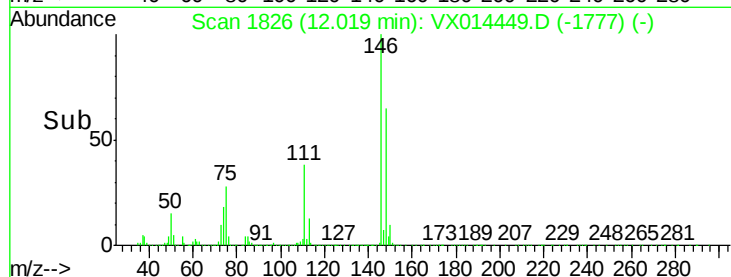
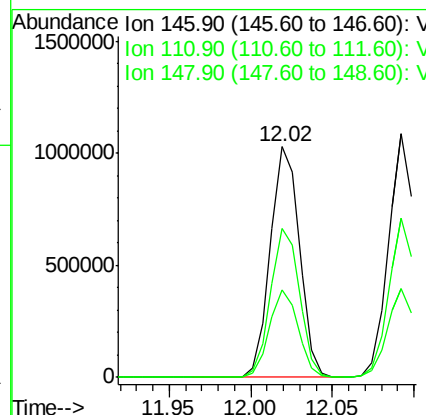
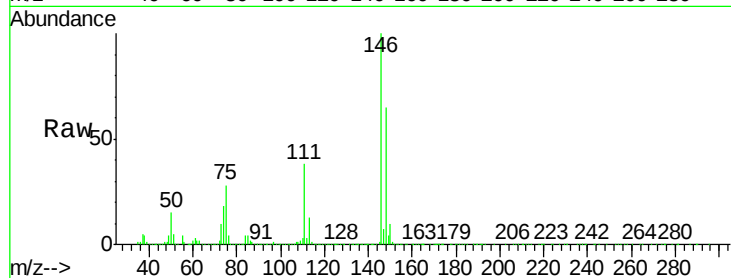
#87
 1,3-Dichlorobenzene
 Concen: 96.181 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	64.5	32.2	96.6

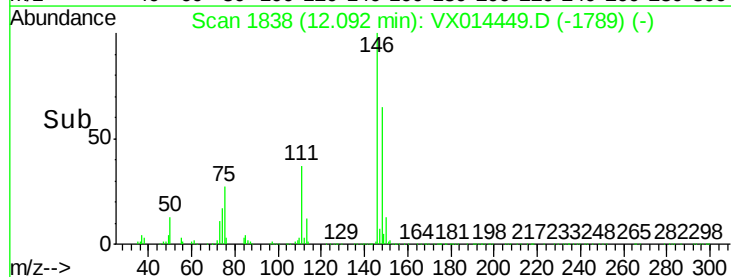
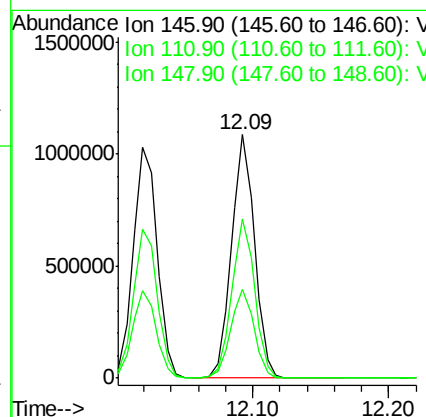
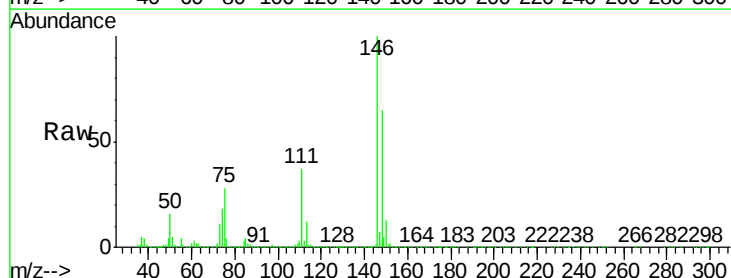
Manual Integrations
 APPROVED

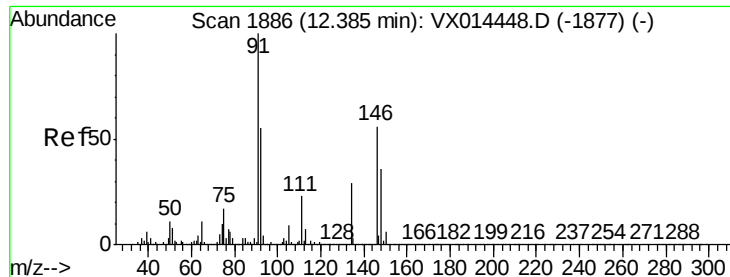
apatel
 1/8/2020 9:16:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 93.575 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.8	32.1	96.3





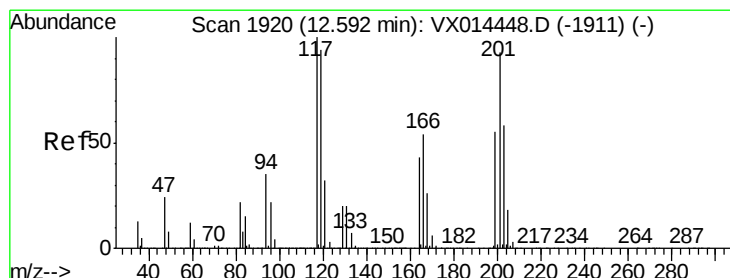
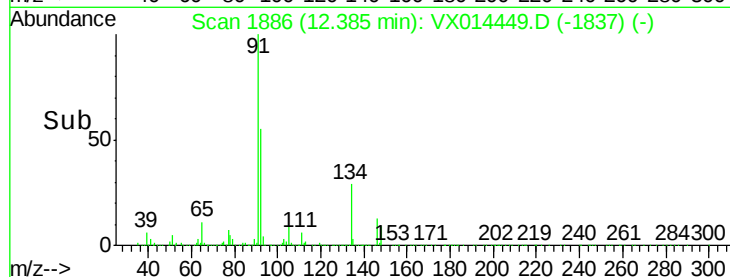
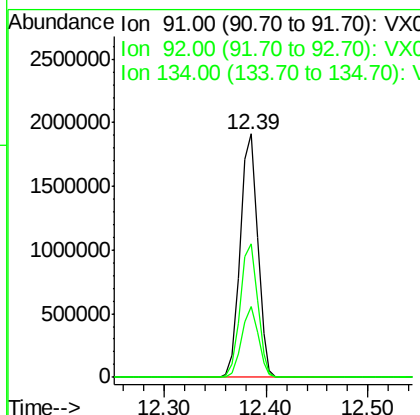
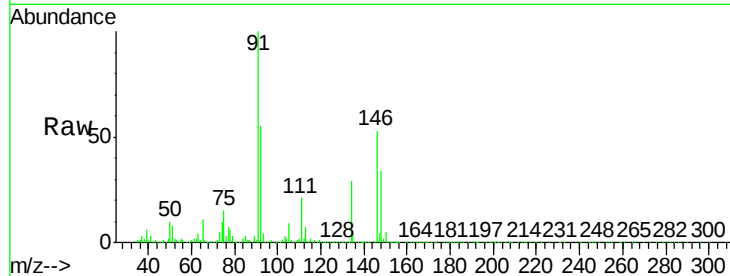
#89
n-Butylbenzene
Concen: 106.925 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion: 91 Resp: 2235934
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.2
134 27.9 13.9 41.7

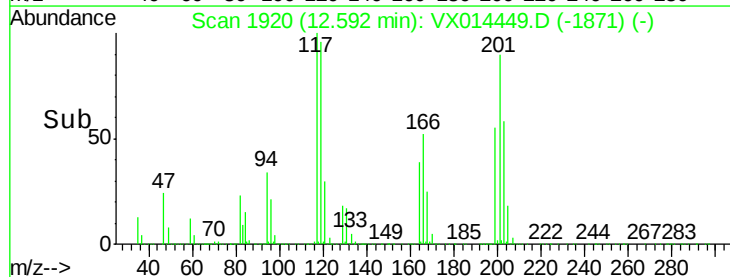
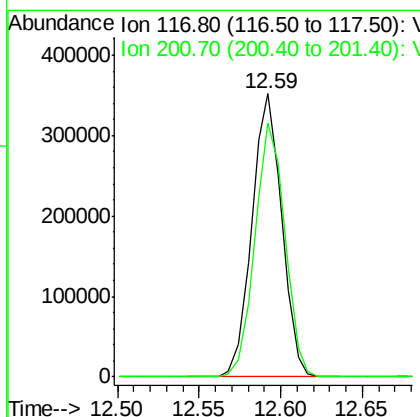
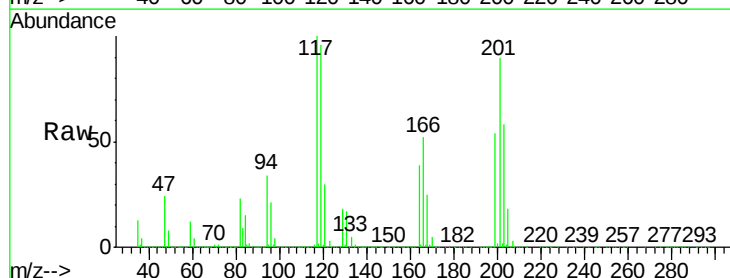
Manual Integrations
APPROVED

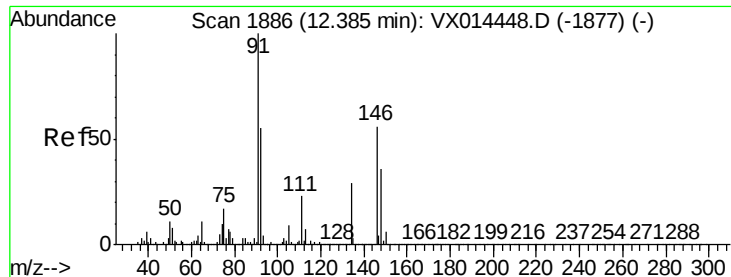
apatel
1/8/2020 9:16:00 AM



#90
Hexachloroethane
Concen: 102.762 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 117 Resp: 448445
Ion Ratio Lower Upper
117 100
201 90.1 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 93.796 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

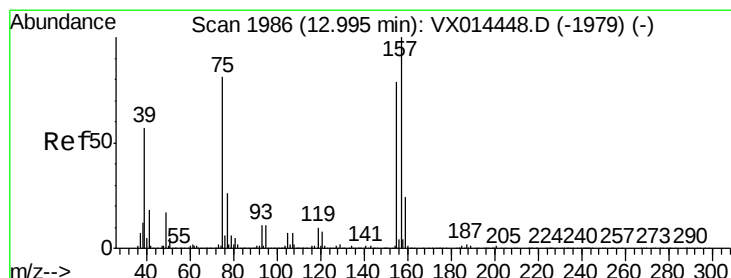
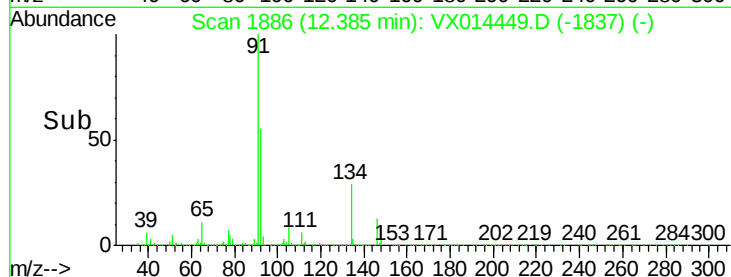
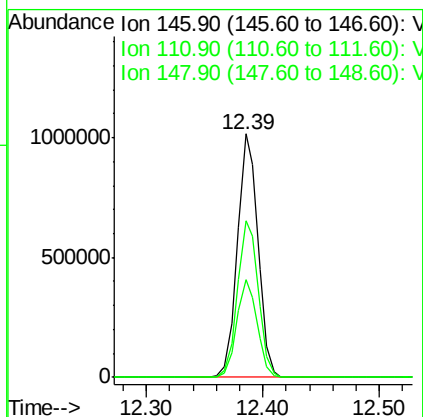
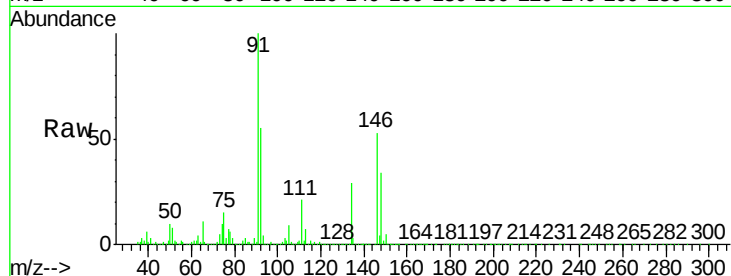
ClientSampled :

VSTDIC100

Tgt Ion:	146	Resp:	1250507
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	65.0	32.3	96.8

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:00 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.698 ug/l

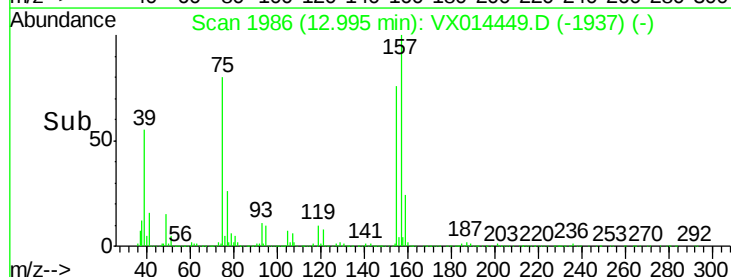
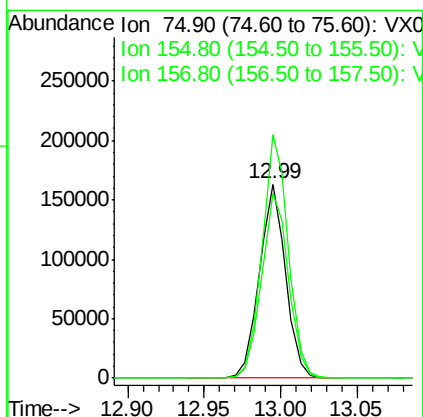
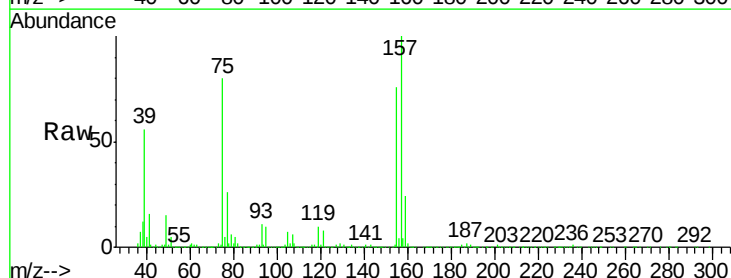
RT: 12.99 min Scan# 1886

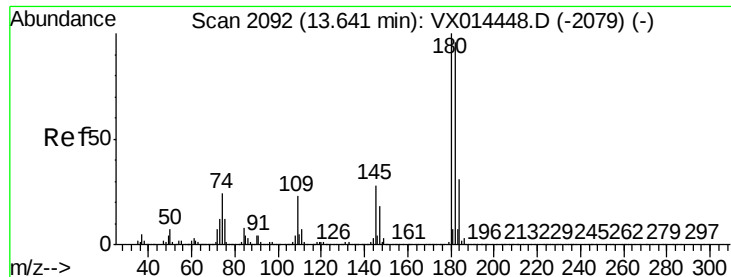
Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion:	75	Resp:	193544
Ion	Ratio	Lower	Upper
75	100		
155	98.6	48.7	146.1
157	126.8	62.0	185.9





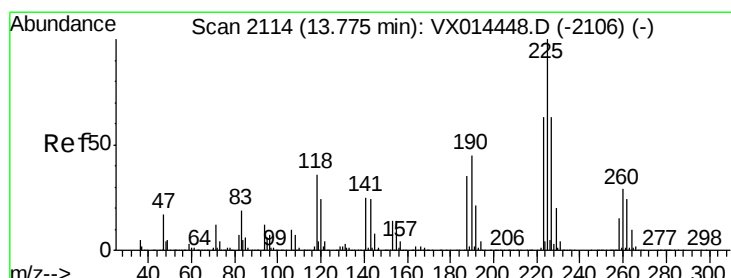
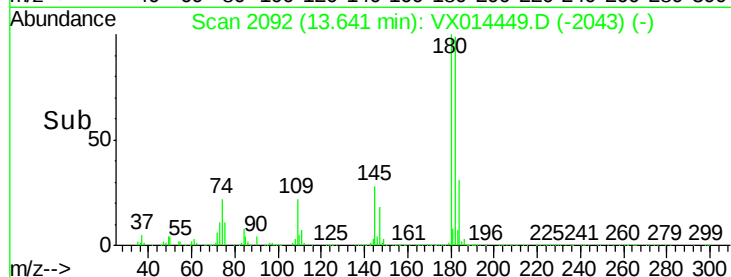
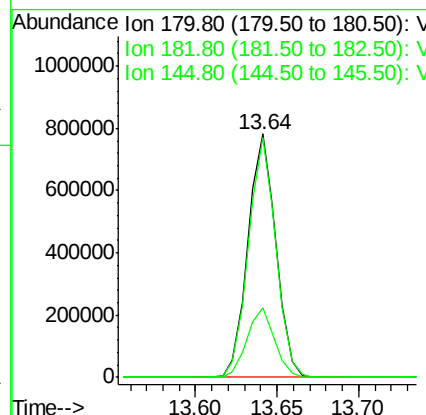
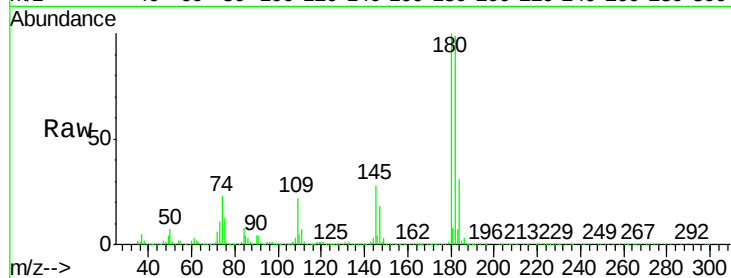
#93
 1,2,4-Trichlorobenzene
 Concen: 105.670 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	933697		
182	96.9	47.5	142.5	
145	28.1	13.9	41.6	

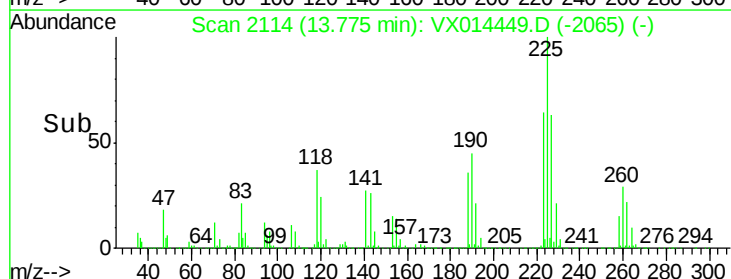
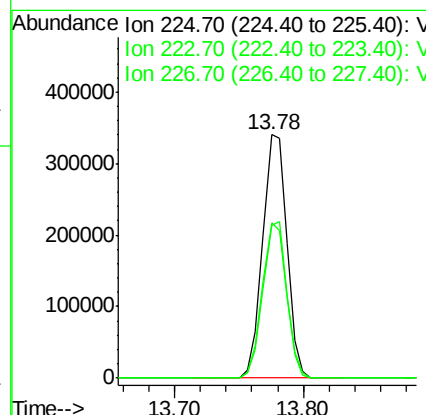
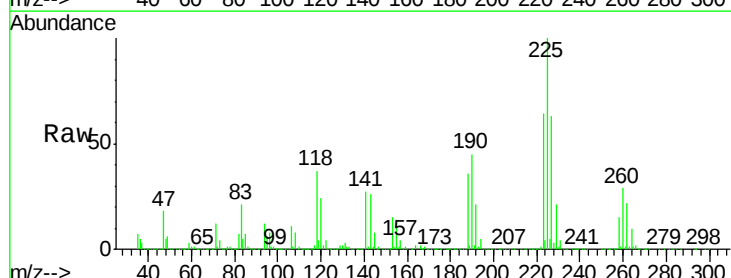
Manual Integrations
 APPROVED

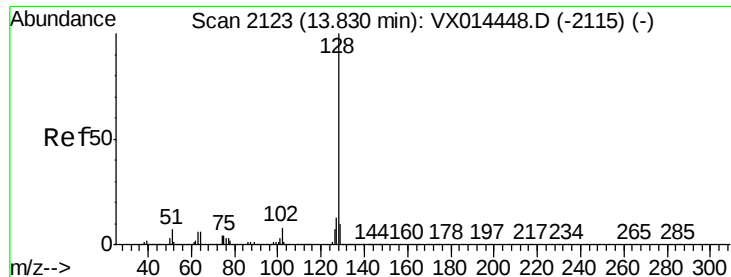
apatel
 1/8/2020 9:16:00 AM



#94
 Hexachlorobutadiene
 Concen: 103.741 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	440078		
223	63.2	31.1	93.2	
227	63.4	31.4	94.2	





#95

Naphthalene

Concen: 105.481 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion:128 Resp: 2727283

Ion Ratio Lower Upper

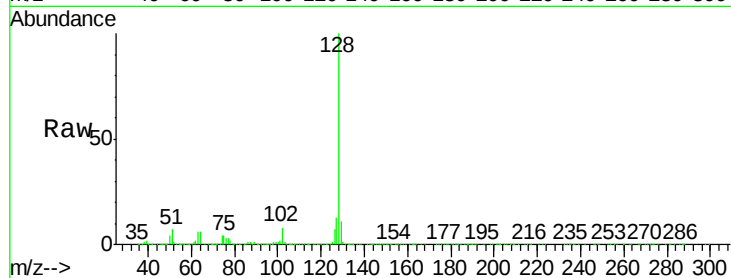
128 100

127 12.9 10.3 15.5

129 10.9 8.7 13.1

Manual Integrations
APPROVED

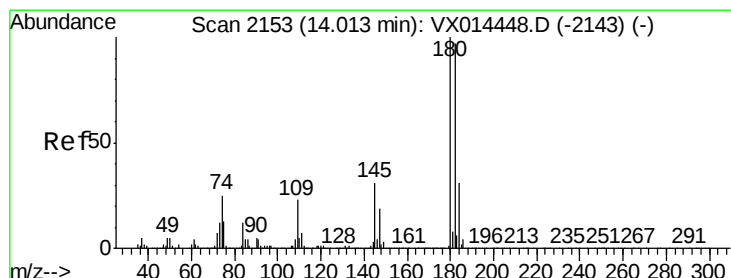
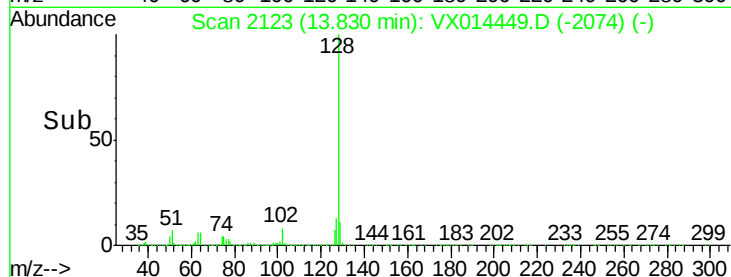
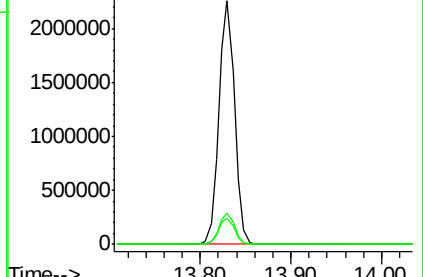
apatel
1/8/2020 9:16:00 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 106.186 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

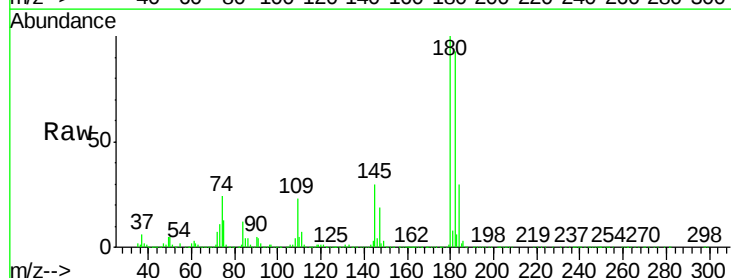
Tgt Ion:180 Resp: 922076

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

