

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013669.D
 Acq On : 27 Nov 2019 22:51
 Operator : JC/SP
 Sample : VX1127WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:18:05 PM

Quant Time: Nov 28 04:41:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	656189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1008885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	902149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	362312	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.49	113	300545	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1161383	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.14	95	409490	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	149540	20.474	ug/l	99
3) Chloromethane	1.32	50	165451	20.189	ug/l	99
4) Vinyl Chloride	1.40	62	194037	21.036	ug/l	98
5) Bromomethane	1.63	94	111249	17.959	ug/l	97
6) Chloroethane	1.72	64	103914	19.797	ug/l	98
7) Trichlorofluoromethane	1.92	101	201560	19.679	ug/l	98
8) Diethyl Ether	2.18	74	95956	20.708	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122964	19.655	ug/l	98
10) Methyl Iodide	2.50	142	119898	15.843	ug/l	99
11) Tert butyl alcohol	3.03	59	185001	98.400	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125054	20.025	ug/l	99
13) Acrolein	2.28	56	99791	83.464	ug/l	97
14) Allyl chloride	2.72	41	218064	19.242	ug/l	99
15) Acrylonitrile	3.13	53	403177	103.889	ug/l	99
16) Acetone	2.43	43	354936	94.384	ug/l	97
17) Carbon Disulfide	2.56	76	322222	18.100	ug/l	99
18) Methyl Acetate	2.76	43	229840	21.949	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	413115	19.969	ug/l	98
20) Methylene Chloride	2.85	84	144978	20.067	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	132391	19.461	ug/l	99
22) Diisopropyl ether	3.84	45	438734	20.106	ug/l	94
23) Vinyl Acetate	3.80	43	1804917	99.427	ug/l	99
24) 1,1-Dichloroethane	3.69	63	240901	20.195	ug/l	98
25) 2-Butanone	4.66	43	567371	101.518	ug/l	98
26) 2,2-Dichloropropane	4.58	77	158726	16.082	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	153864	19.695	ug/l	97
28) Bromochloromethane	5.01	49	90717	19.236	ug/l	100
29) Tetrahydrofuran	5.12	42	365566	106.103	ug/l	99
30) Chloroform	5.20	83	232645	19.230	ug/l	96
31) Cyclohexane	5.58	56	214104	19.029	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	194698	19.258	ug/l	100
36) 1,1-Dichloropropene	5.79	75	173996	18.999	ug/l	98
37) Ethyl Acetate	4.82	43	217305	21.151	ug/l	100
38) Carbon Tetrachloride	5.77	117	163373	19.346	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013669.D
 Acq On : 27 Nov 2019 22:51
 Operator : JC/SP
 Sample : VX1127WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:18:05 PM

Quant Time: Nov 28 04:41:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210544	18.599	ug/l	97
40) Benzene	6.14	78	545816	19.568	ug/l	100
41) Methacrylonitrile	5.03	41	116962	20.758	ug/l	99
42) 1,2-Dichloroethane	6.18	62	186328	19.588	ug/l	99
43) Isopropyl Acetate	6.43	43	336061	19.868	ug/l	99
44) Trichloroethene	7.21	130	145611	19.022	ug/l	99
45) 1,2-Dichloropropane	7.51	63	140516	20.135	ug/l	99
46) Dibromomethane	7.65	93	89465	18.875	ug/l	97
47) Bromodichloromethane	7.89	83	173653	19.380	ug/l	96
48) Methyl methacrylate	7.76	41	168593	20.514	ug/l	99
49) 1,4-Dioxane	7.73	88	73897	401.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1100049	103.393	ug/l	100
52) Toluene	8.78	92	344010	19.853	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	186835	18.319	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	209901	18.838	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	137254	19.656	ug/l	98
56) Ethyl methacrylate	9.17	69	222468	19.816	ug/l	99
57) 1,3-Dichloropropane	9.37	76	236700	19.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	439995	99.960	ug/l	100
59) 2-Hexanone	9.48	43	842175	101.491	ug/l	99
60) Dibromochloromethane	9.58	129	137869	19.025	ug/l	99
61) 1,2-Dibromoethane	9.67	107	146920	19.700	ug/l	100
64) Tetrachloroethene	9.33	164	138143	20.534	ug/l	99
65) Chlorobenzene	10.14	112	371295	19.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	129906	19.314	ug/l	97
67) Ethyl Benzene	10.25	91	641706	19.937	ug/l	100
68) m/p-Xylenes	10.35	106	487700	39.577	ug/l	99
69) o-Xylene	10.70	106	235891	19.628	ug/l	97
70) Styrene	10.71	104	401087	19.839	ug/l	100
71) Bromoform	10.85	173	105663	18.987	ug/l #	100
73) Isopropylbenzene	11.01	105	627647	20.265	ug/l	100
74) N-amyl acetate	10.89	43	284679	20.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	223239	20.784	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	174959m	17.618	ug/l	
77) Bromobenzene	11.25	156	163946	19.594	ug/l	99
78) n-propylbenzene	11.35	91	694941	20.100	ug/l	98
79) 2-Chlorotoluene	11.42	91	419430	20.223	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	517377	20.382	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63695	17.547	ug/l	96
82) 4-Chlorotoluene	11.51	91	480385	19.998	ug/l	99
83) tert-Butylbenzene	11.77	119	516830	20.034	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	527203	20.464	ug/l	99
85) sec-Butylbenzene	11.94	105	596487	20.242	ug/l	100
86) p-Isopropyltoluene	12.06	119	547972	19.989	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	284311	19.493	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	284210	19.131	ug/l	99
89) n-Butylbenzene	12.38	91	450221	19.256	ug/l	99
90) Hexachloroethane	12.59	117	94173	19.006	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	287840	19.974	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46500	19.880	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013669.D
Acq On : 27 Nov 2019 22:51
Operator : JC/SP
Sample : VX1127WBS03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

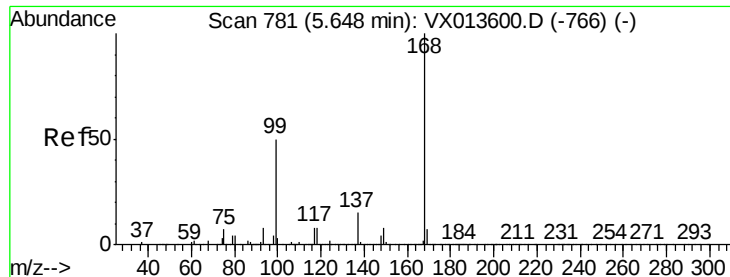
Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM

Quant Time: Nov 28 04:41:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	186229	18.542	ug/l	99
94) Hexachlorobutadiene	13.78	225	89150	18.478	ug/l	98
95) Naphthalene	13.83	128	604631	20.215	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	190461	19.153	ug/l	99

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



#1

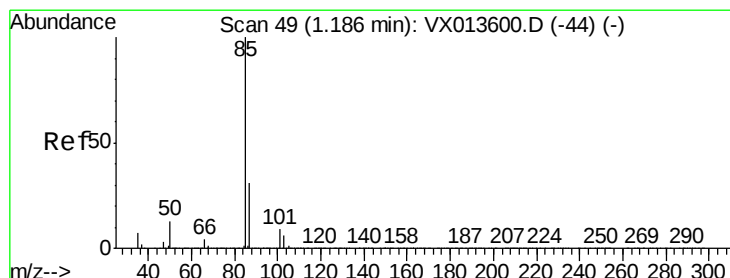
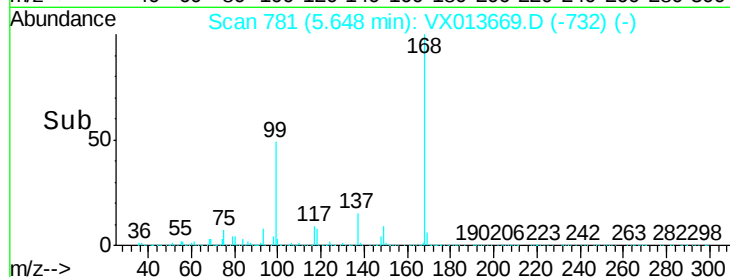
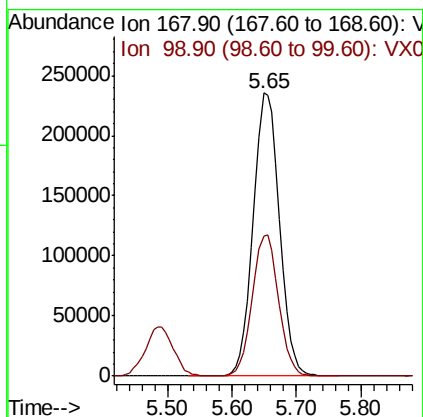
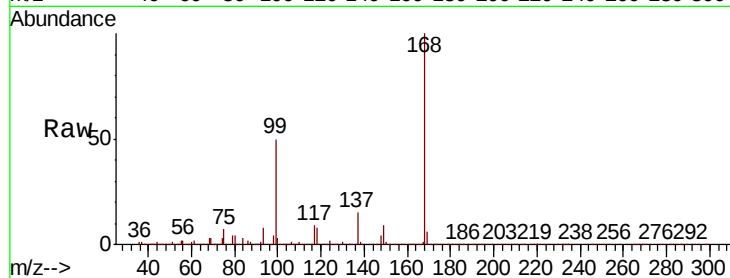
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX1127WBS03

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.8	59.8

Manual Integrations
 APPROVED

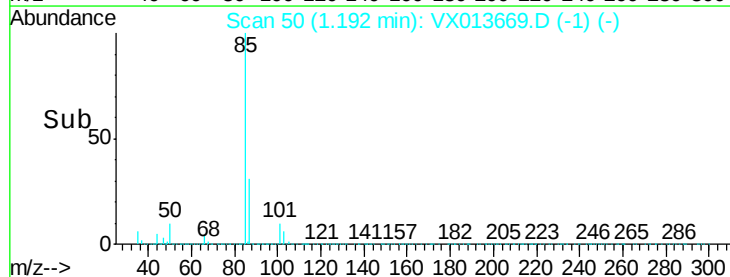
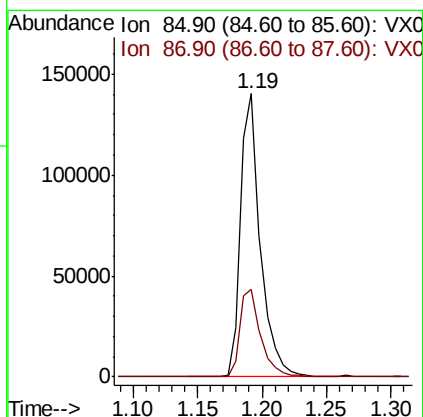
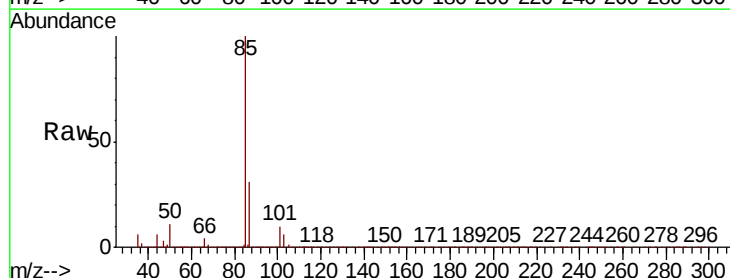
apatel
 12/2/2019 3:18:05 PM

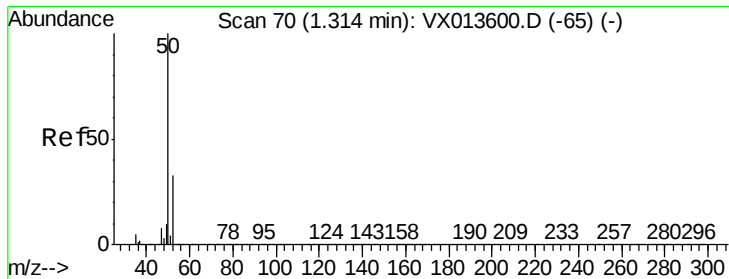


#2

Dichlorodifluoromethane
 Concen: 20.474 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.7	47.1





#3

Chloromethane

Concen: 20.189 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 50 Resp: 165451

Ion Ratio Lower Upper

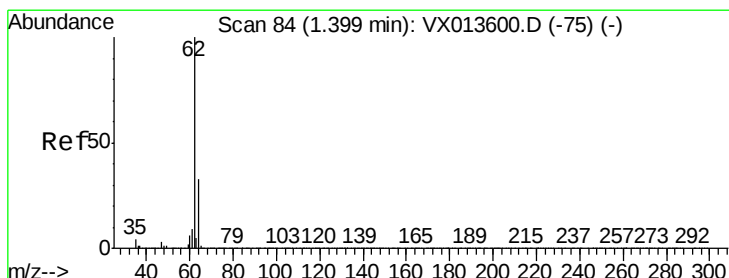
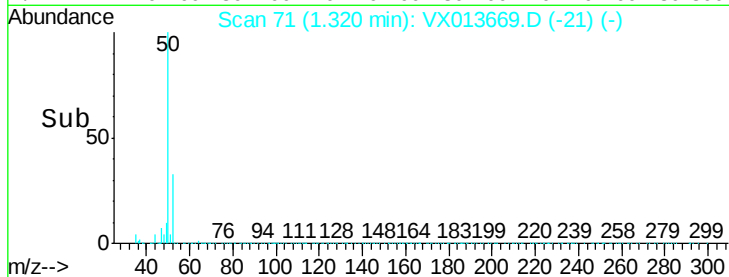
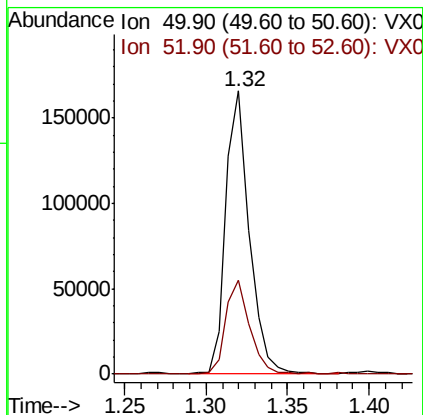
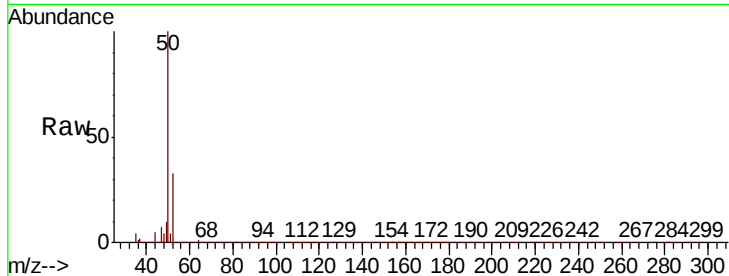
50 100

52 33.0 26.0 39.0

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:05 PM



#4

Vinyl Chloride

Concen: 21.036 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013669.D

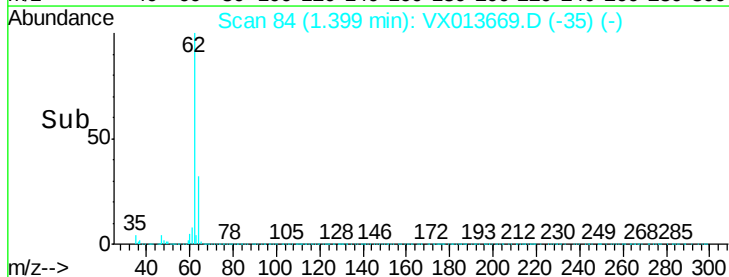
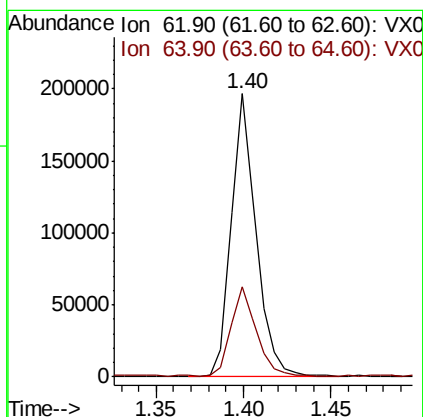
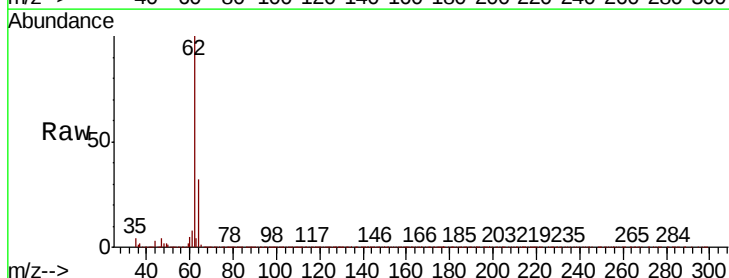
Acq: 27 Nov 2019 22:51

Tgt Ion: 62 Resp: 194037

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 17.959 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 94 Resp: 111249

Ion Ratio Lower Upper

94 100

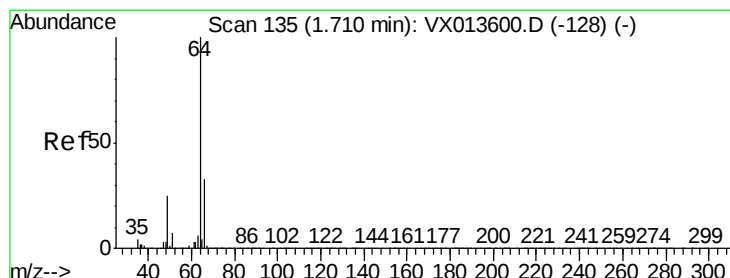
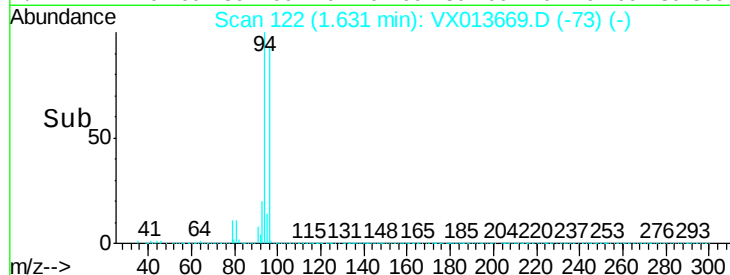
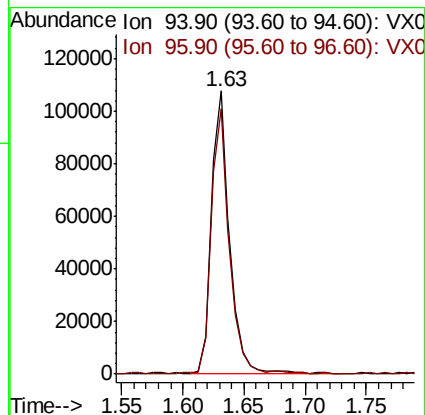
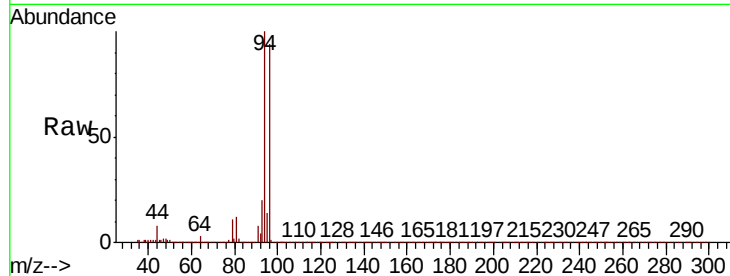
96 93.5 77.0 115.4

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:05 PM



#6

Chloroethane

Concen: 19.797 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013669.D

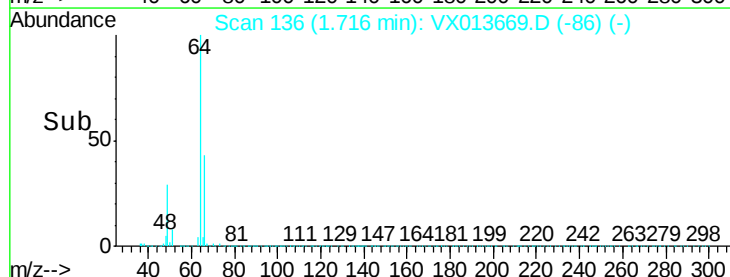
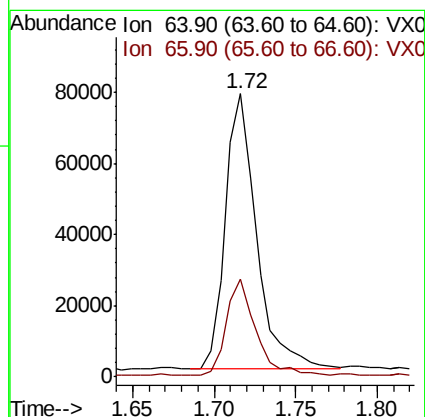
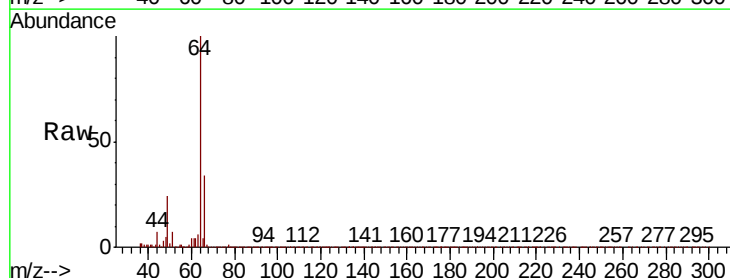
Acq: 27 Nov 2019 22:51

Tgt Ion: 64 Resp: 103914

Ion Ratio Lower Upper

64 100

66 34.8 26.7 40.1





#7

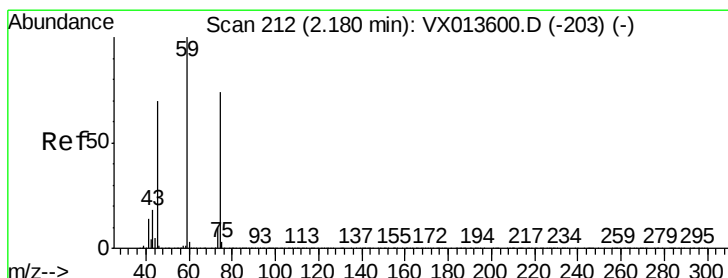
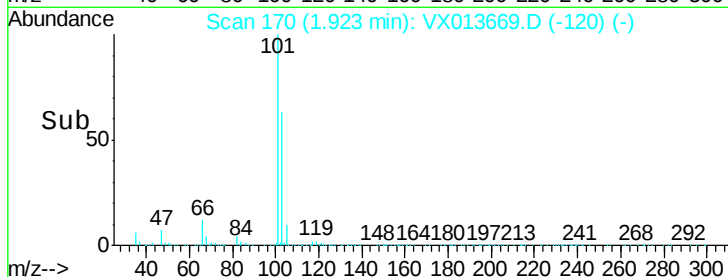
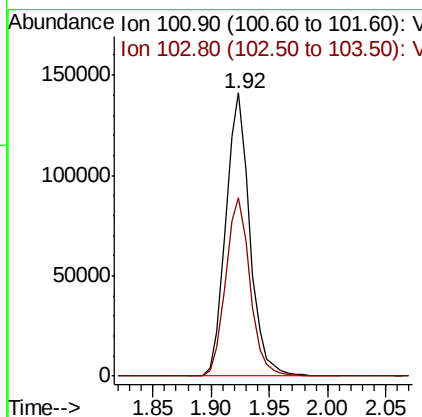
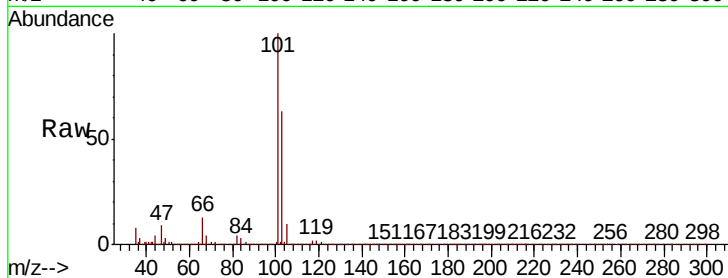
Trichlorofluoromethane
Concen: 19.679 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		201560		
103	63.0	51.8	77.6		

Manual Integrations
APPROVED

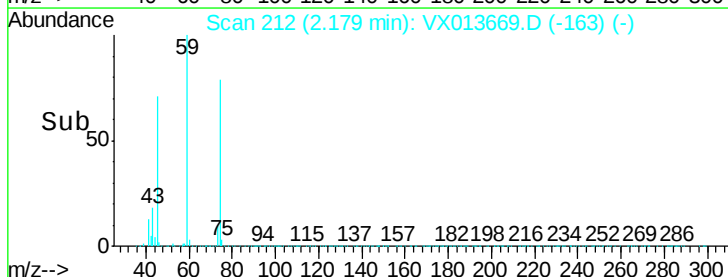
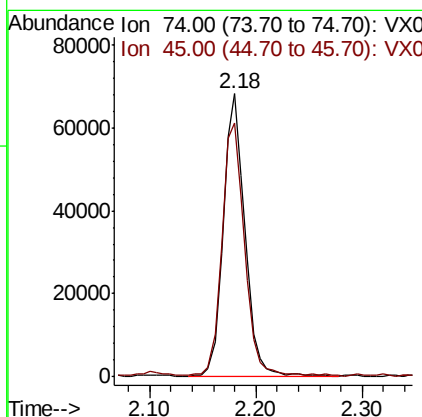
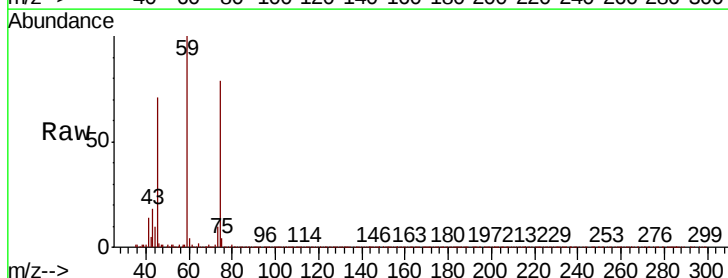
apatel
12/2/2019 3:18:05 PM

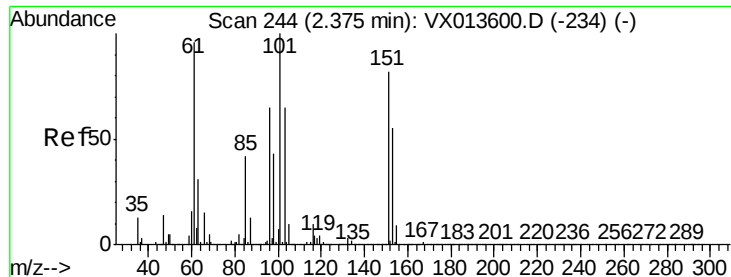


#8

Diethyl Ether
Concen: 20.708 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		95956		
45	96.4	48.9	146.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.655 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

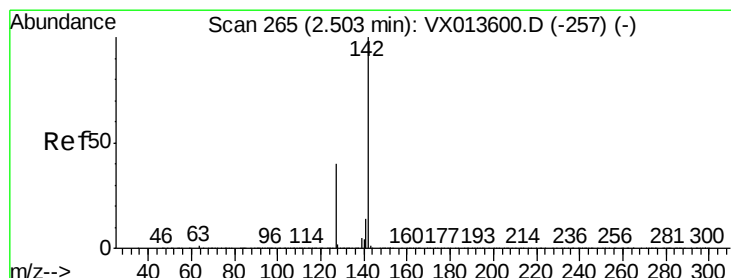
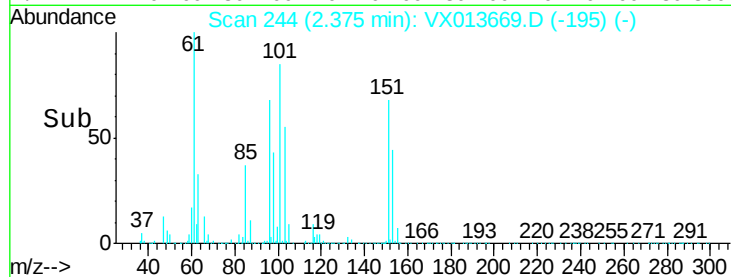
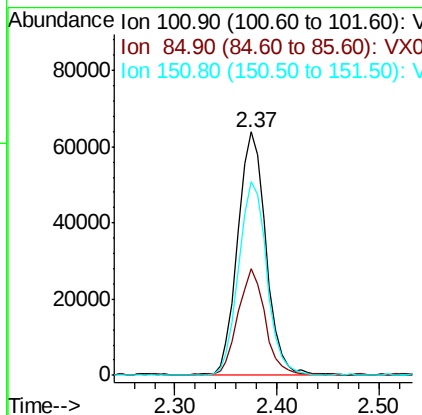
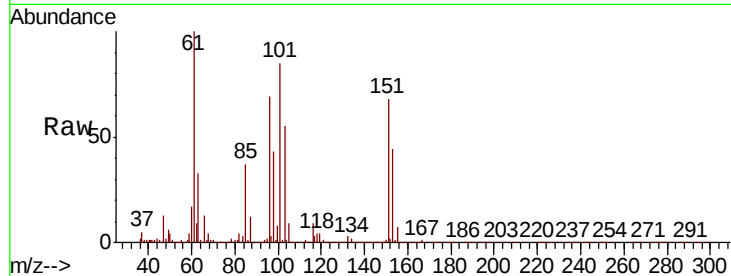
ClientSampleId :

VX1127WBS03

Tot Ion:	101	Resp:	122964
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.9	50.9
151	78.7	64.2	96.2

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#10

Methyl Iodide

Concen: 15.843 ug/l

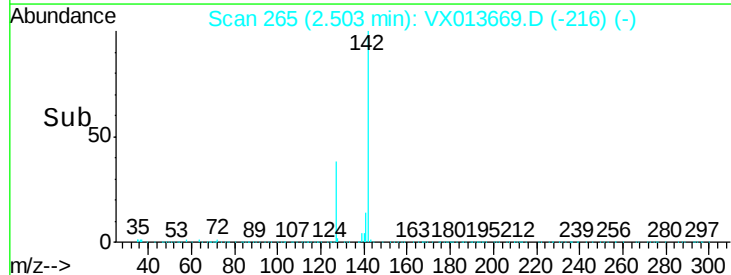
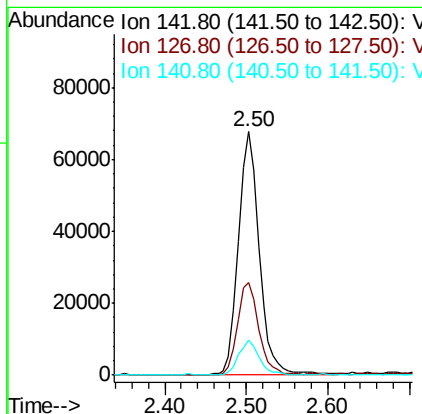
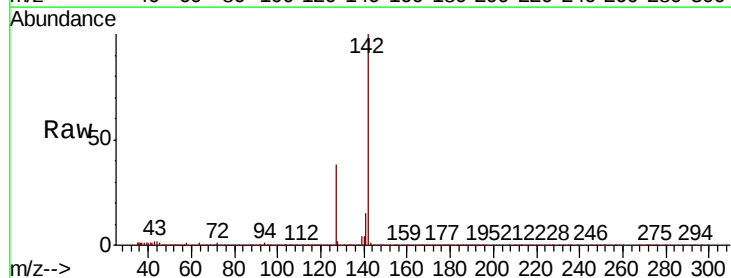
RT: 2.50 min Scan# 265

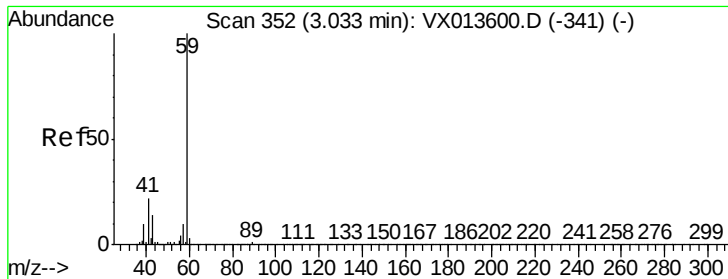
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	142	Resp:	119898
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.0	46.4
141	14.1	11.6	17.4





#11

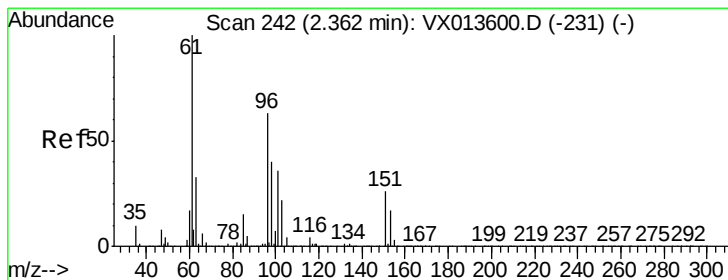
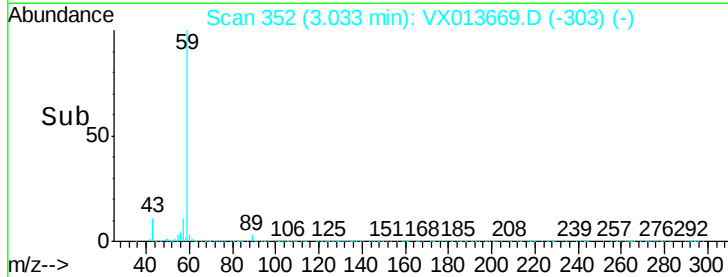
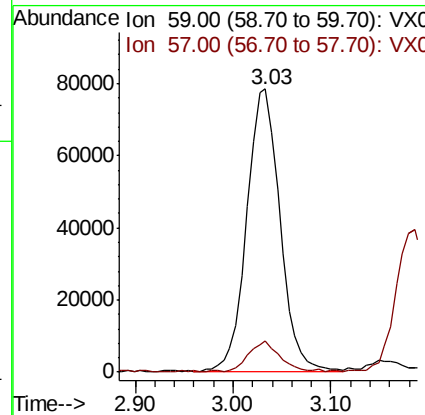
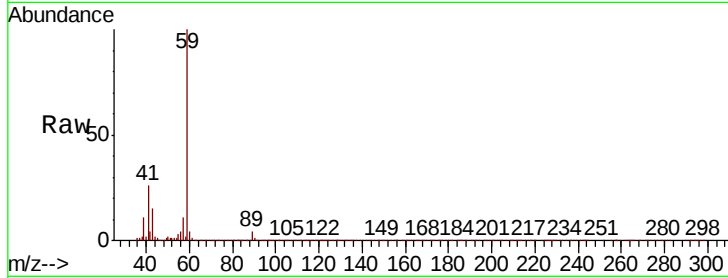
Tert butyl alcohol
Concen: 98.400 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampled :
VX1127WBS03

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

Manual Integrations
APPROVED

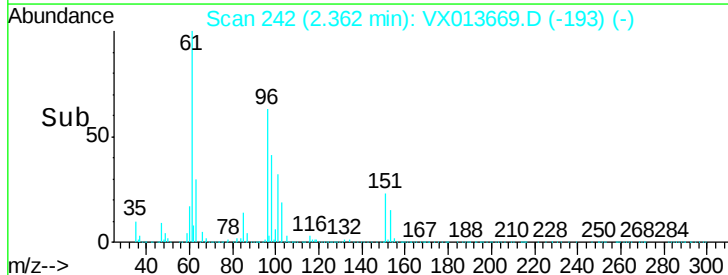
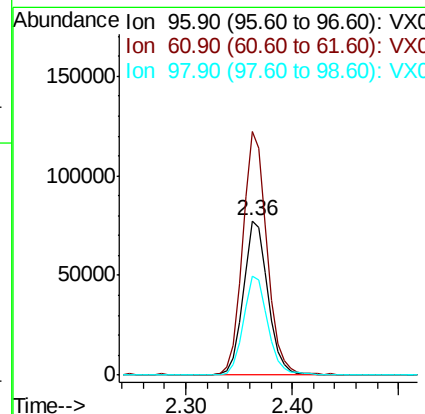
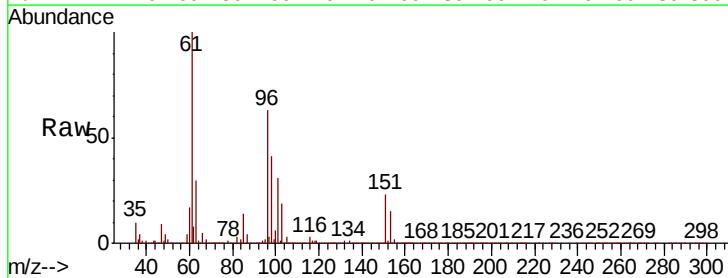
apatel
12/2/2019 3:18:05 PM

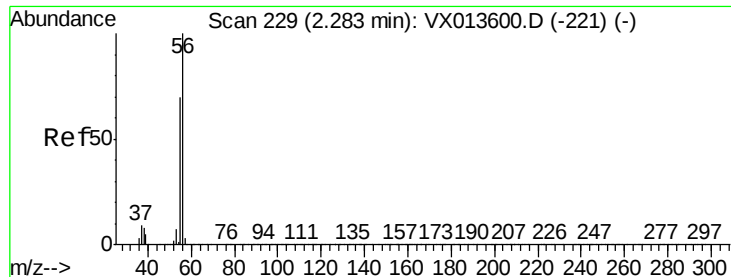


#12

1,1-Dichloroethene
Concen: 20.025 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.9	126.6	190.0
98	64.2	50.6	76.0





#13

Acrolein

Concen: 83.464 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 56 Resp: 99791

Ion Ratio Lower Upper

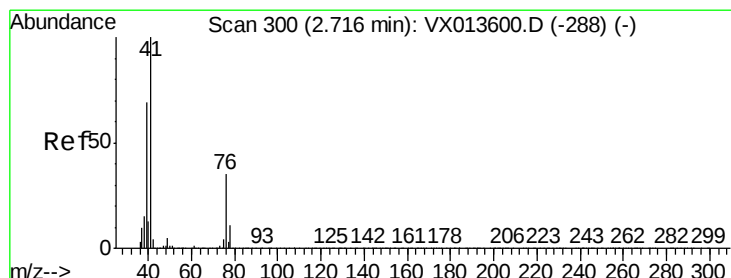
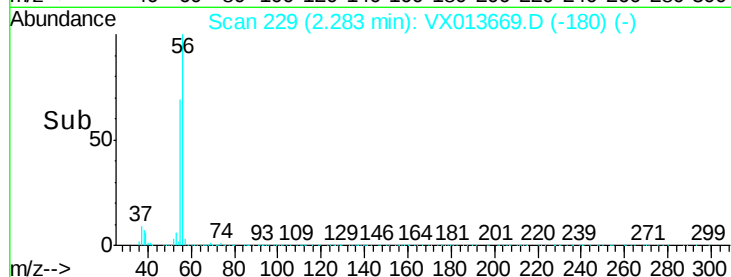
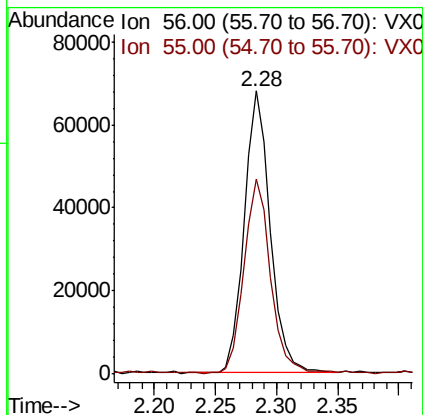
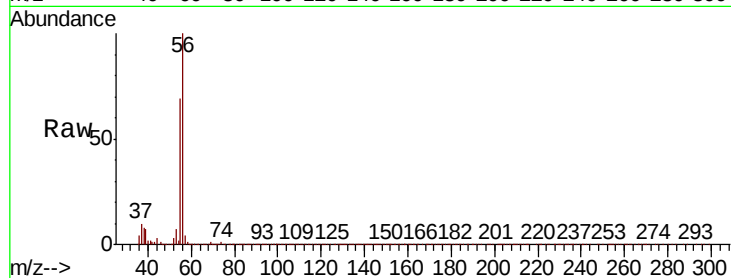
56 100

55 72.7 56.2 84.4

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:05 PM



#14

Allyl chloride

Concen: 19.242 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

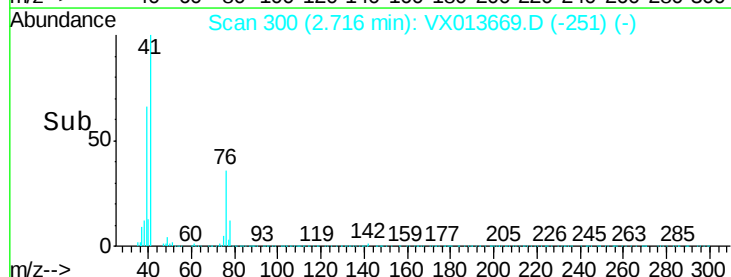
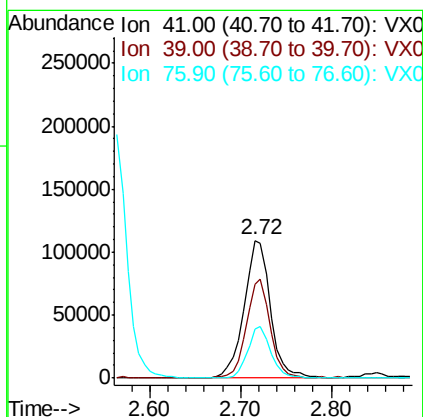
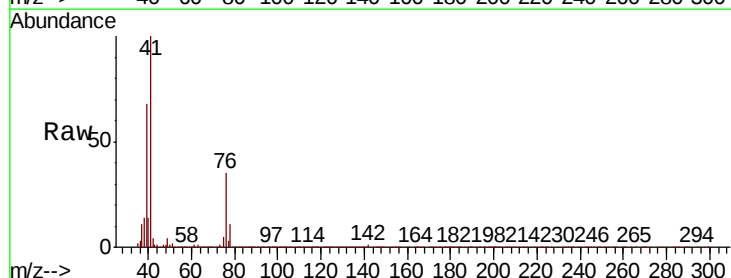
Tgt Ion: 41 Resp: 218064

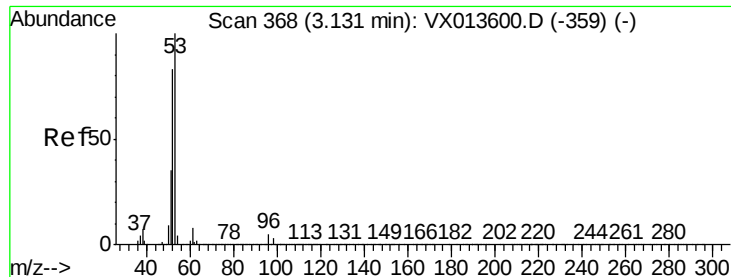
Ion Ratio Lower Upper

41 100

39 64.1 51.7 77.5

76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 103.889 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

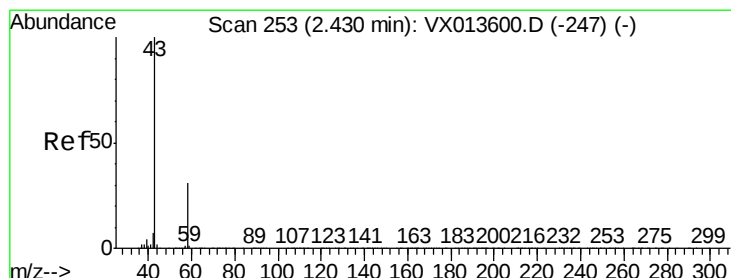
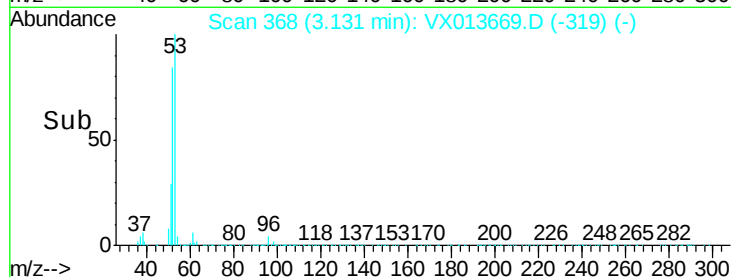
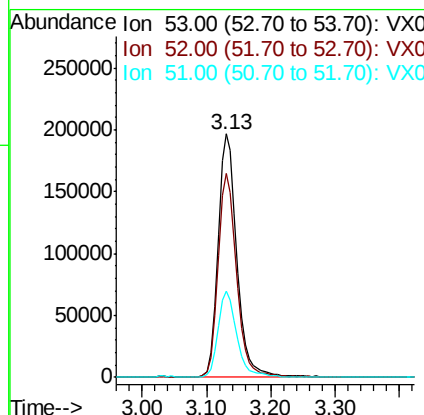
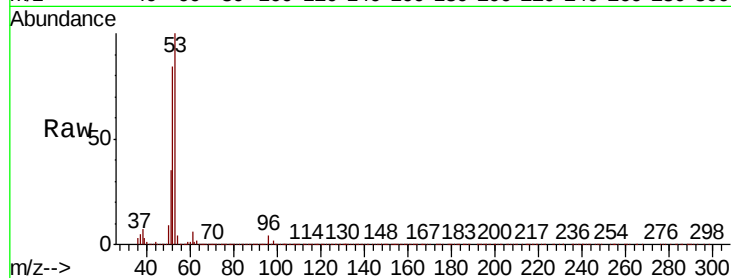
ClientSampleId :

VX1127WBS03

Tot Ion:	53	Resp:	403177
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.2	99.2
51	35.4	29.0	43.6

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#16

Acetone

Concen: 94.384 ug/l

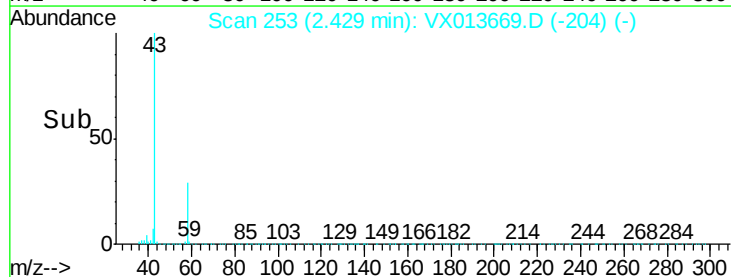
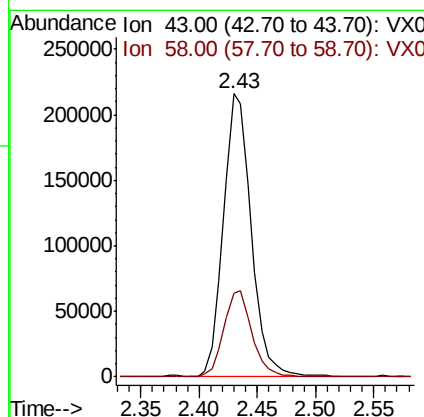
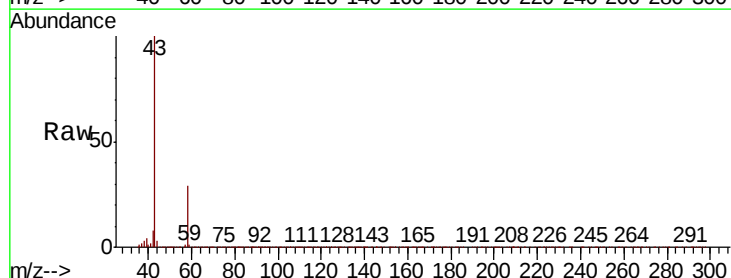
RT: 2.43 min Scan# 253

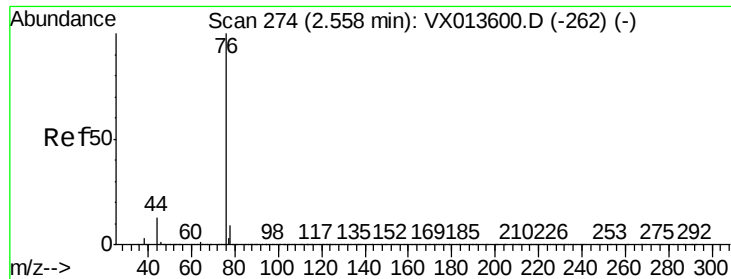
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	43	Resp:	354936
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.6	36.8





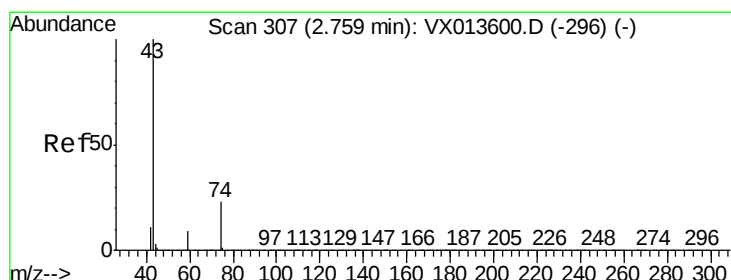
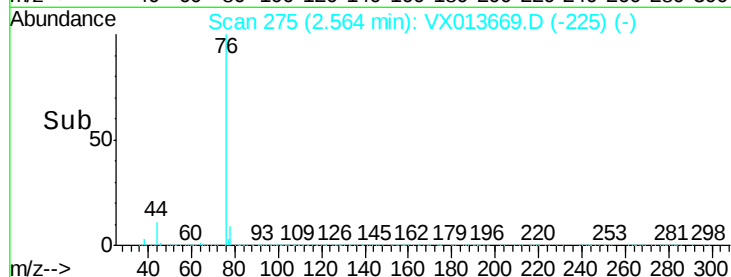
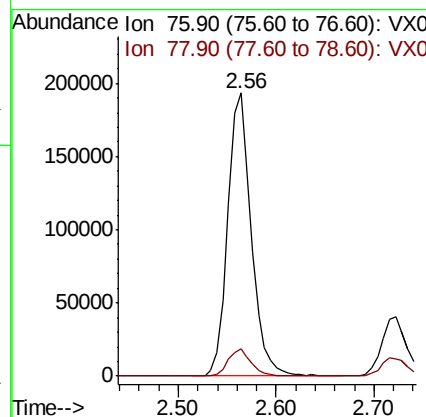
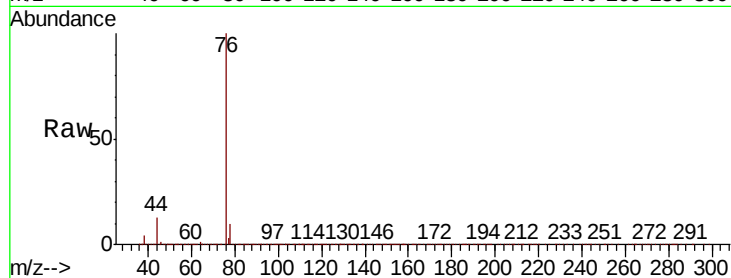
#17
Carbon Disulfide
Concen: 18.100 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

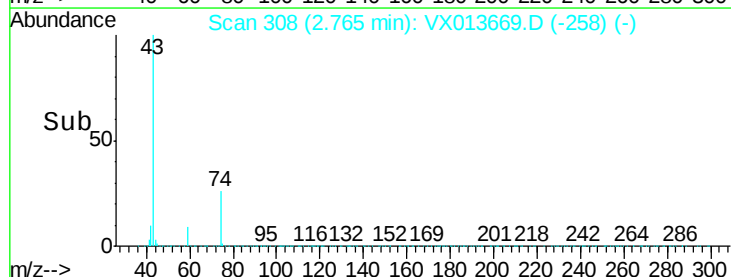
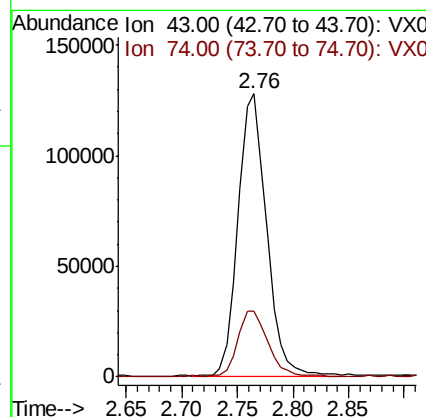
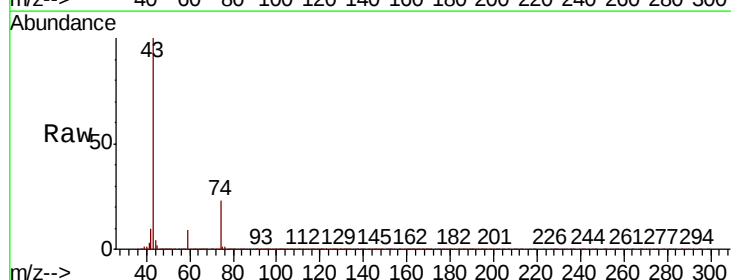
Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#18
Methyl Acetate
Concen: 21.949 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.5	29.3





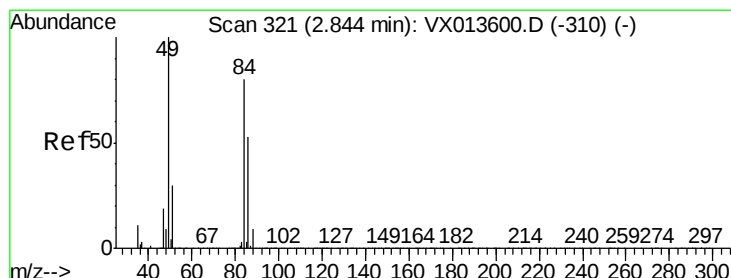
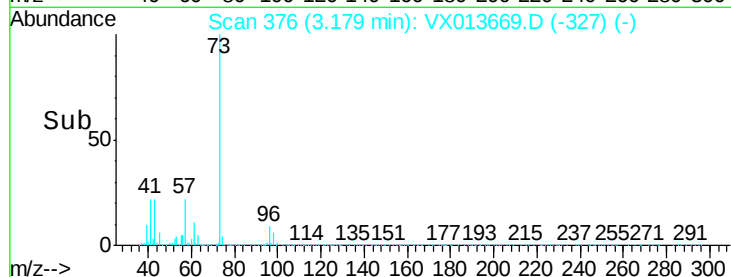
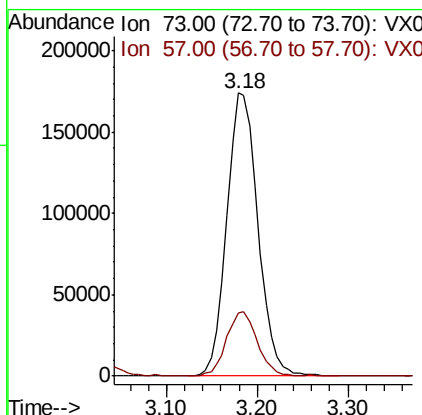
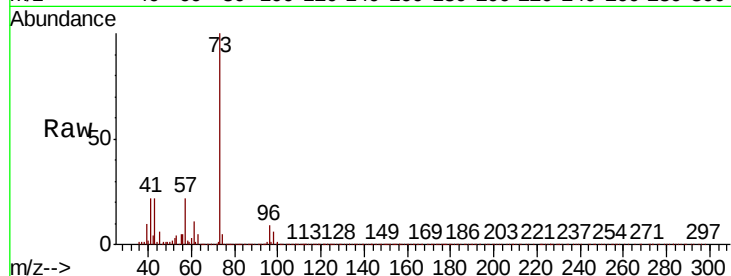
#19
Methyl tert-butyl Ether
Concen: 19.969 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.3	27.5

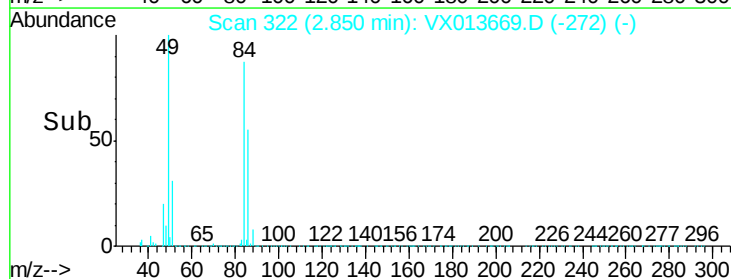
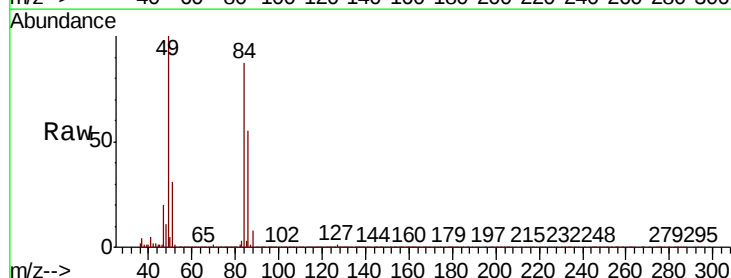
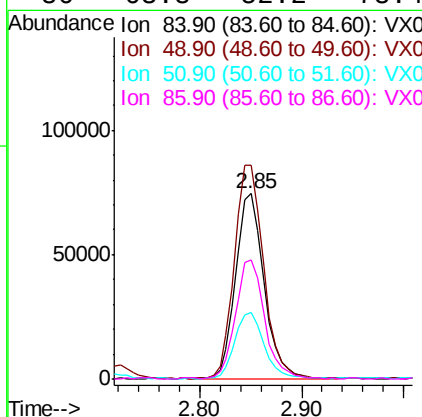
Manual Integrations
APPROVED

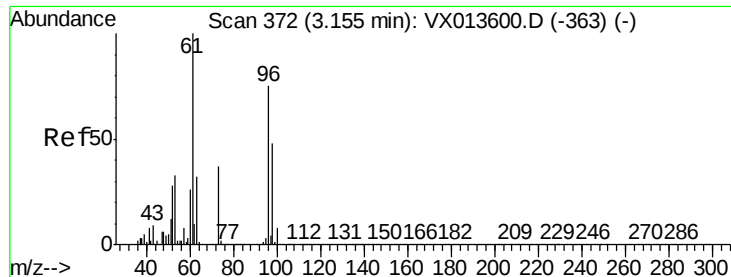
apatel
12/2/2019 3:18:05 PM



#20
Methylene Chloride
Concen: 20.067 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.8	99.7	149.5
51	35.3	29.9	44.9
86	63.8	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 19.461 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

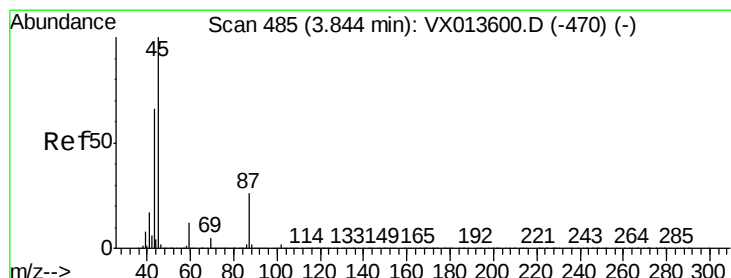
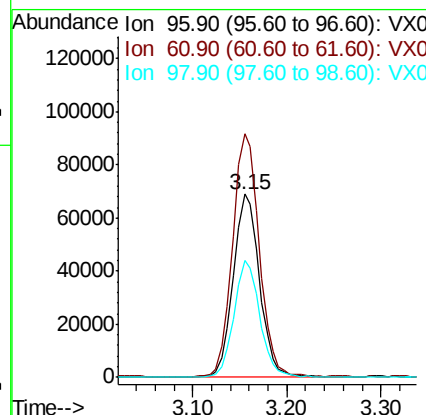
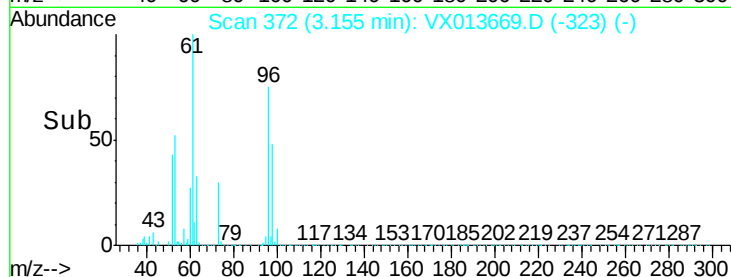
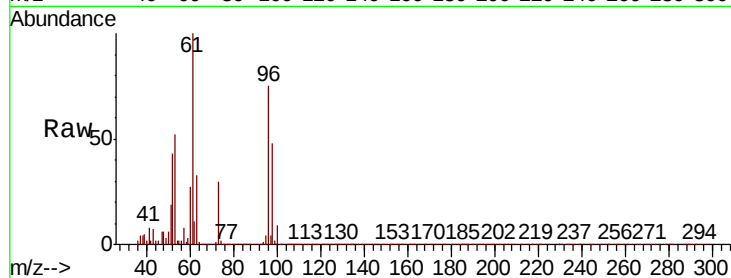
ClientSampleId :

VX1127WBS03

Tot Ion:	96	Resp:	132391
Ion Ratio	Lower	Upper	
96	100		
61	132.8	107.2	160.8
98	63.6	51.4	77.0

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#22

Diisopropyl ether

Concen: 20.106 ug/l

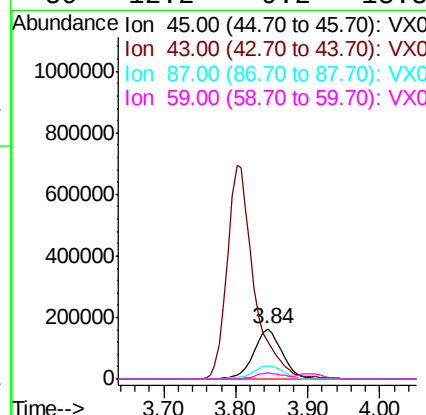
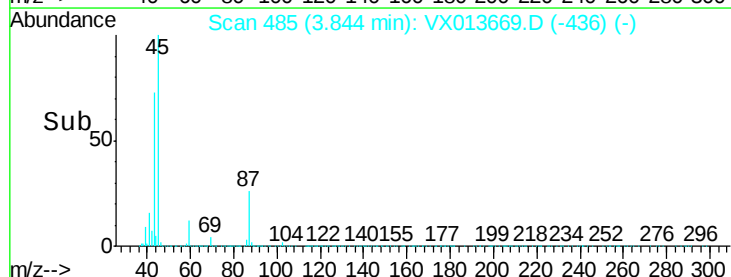
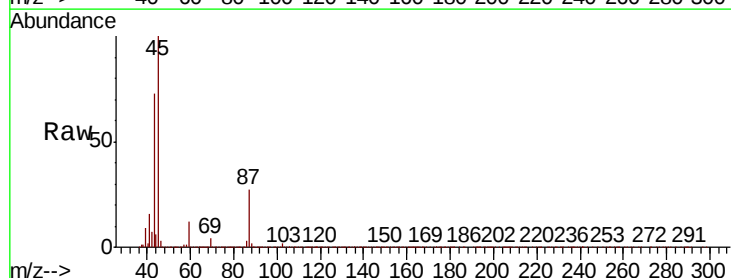
RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	45	Resp:	438734
Ion Ratio	Lower	Upper	
45	100		
43	73.1	52.6	79.0
87	26.3	21.1	31.7
59	12.2	9.2	13.8





#23

Vinyl Acetate

Concen: 99.427 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 43 Resp: 1804917

Ion Ratio Lower Upper

43 100

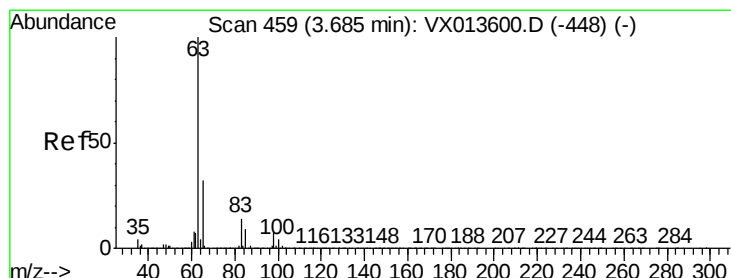
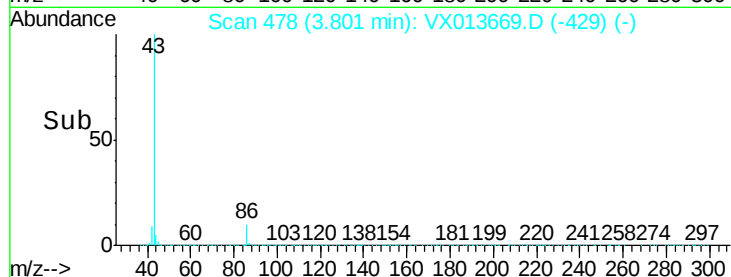
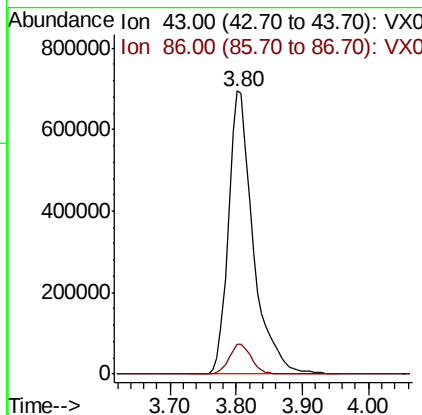
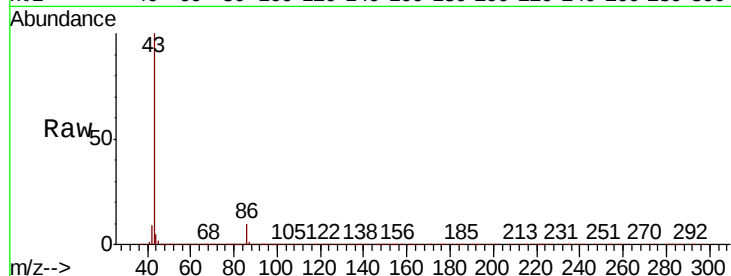
86 10.5 8.7 13.1

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:05 PM



#24

1,1-Dichloroethane

Concen: 20.195 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

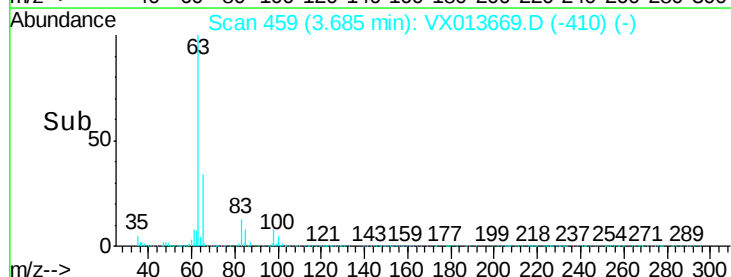
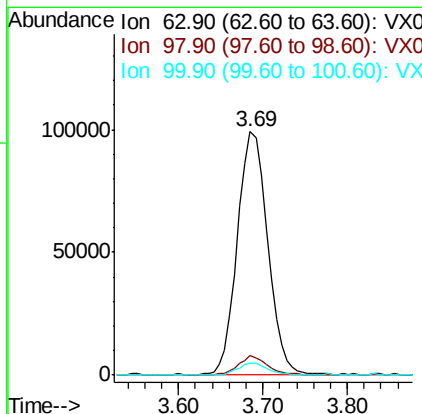
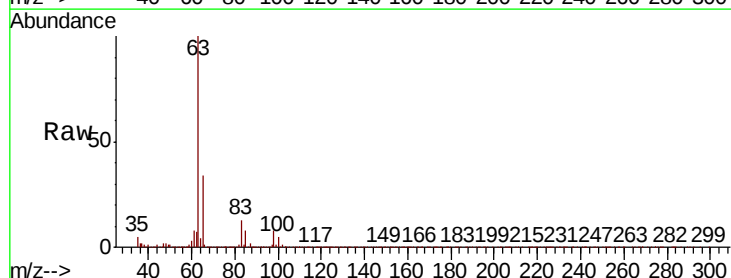
Tgt Ion: 63 Resp: 240901

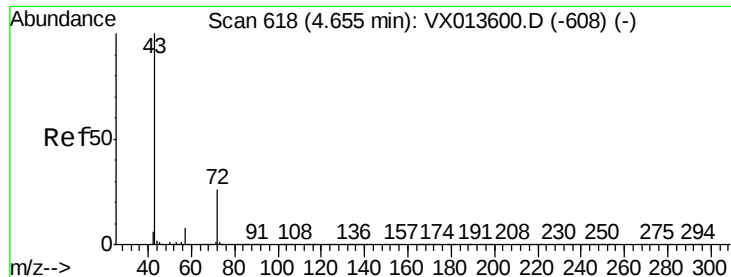
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 101.518 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 43 Resp: 567371

Ion Ratio Lower Upper

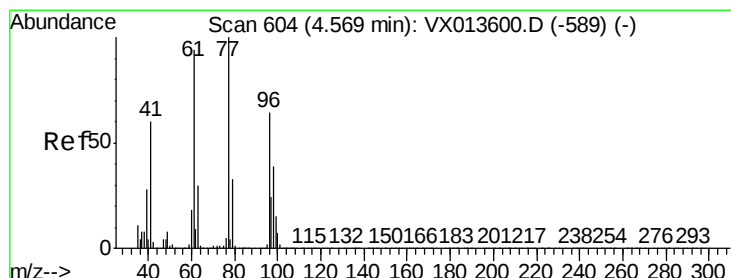
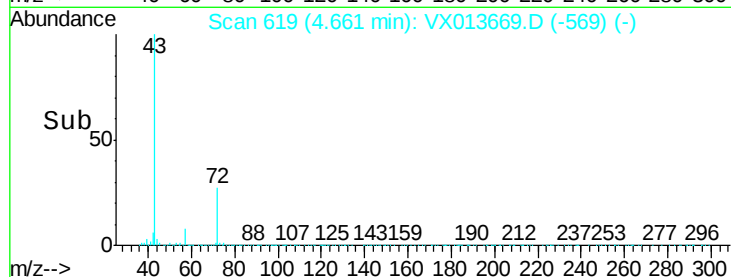
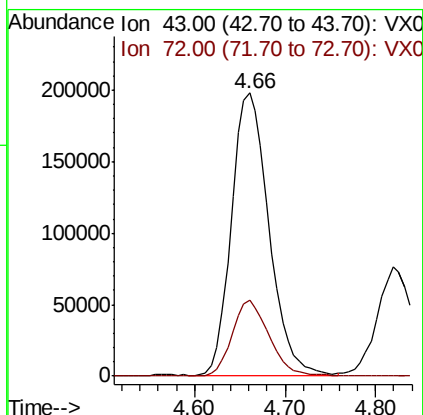
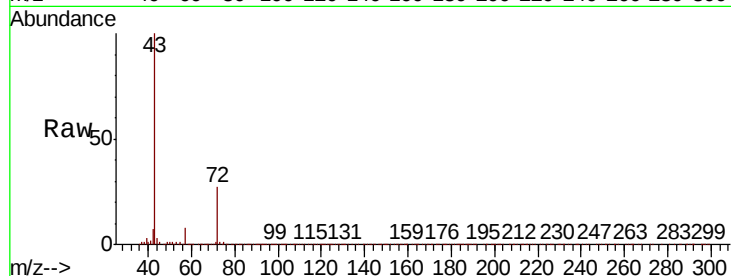
43 100

72 26.9 20.6 31.0

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:05 PM



#26

2,2-Dichloropropane

Concen: 16.082 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013669.D

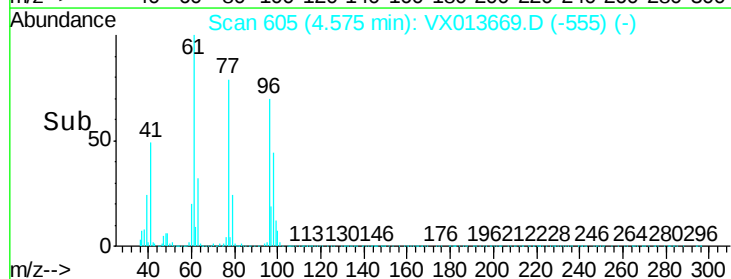
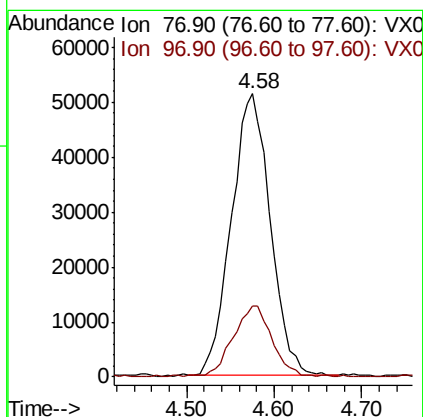
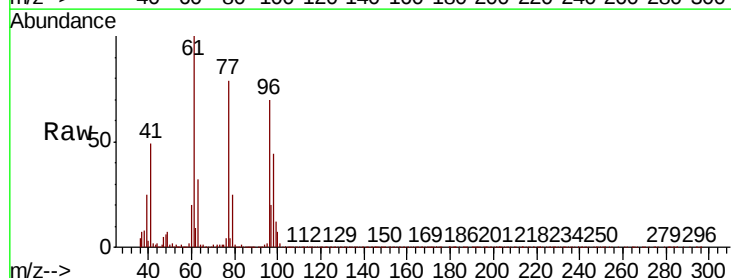
Acq: 27 Nov 2019 22:51

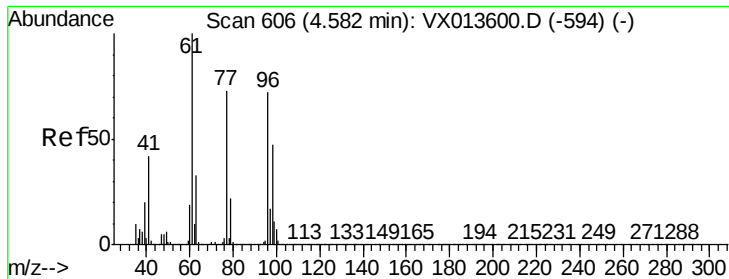
Tgt Ion: 77 Resp: 158726

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

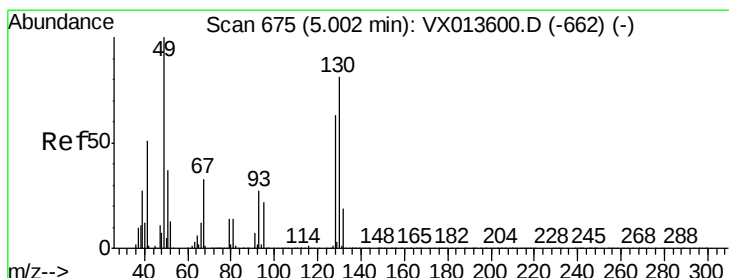
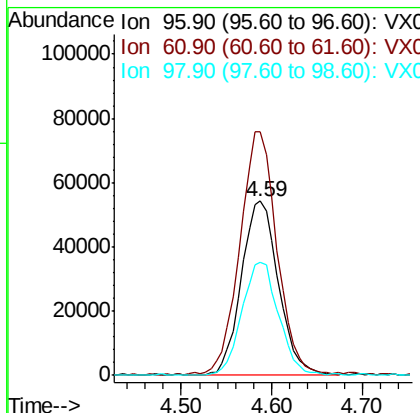
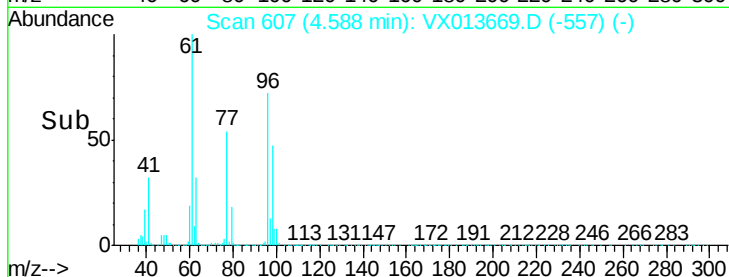
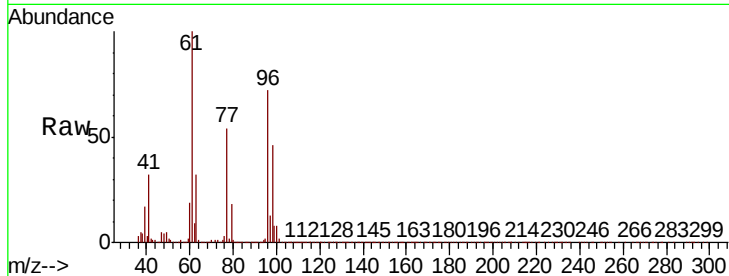
cis-1,2-Dichloroethene
Concen: 19.695 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	153864		
61	138.9	0.0	286.4	
98	63.2	0.0	127.4	

Manual Integrations
APPROVED

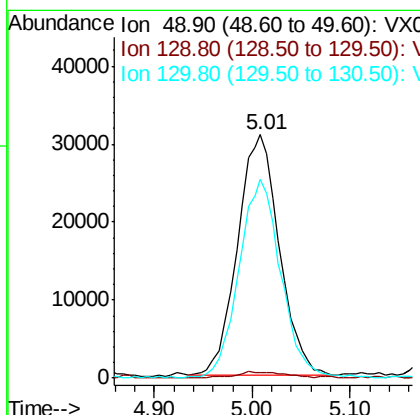
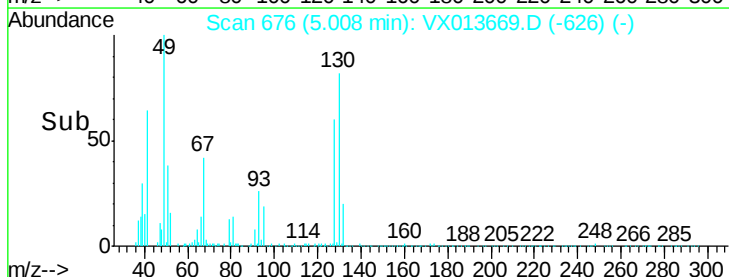
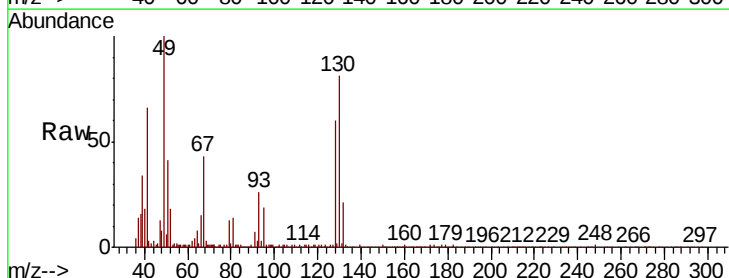
apatel
12/2/2019 3:18:05 PM

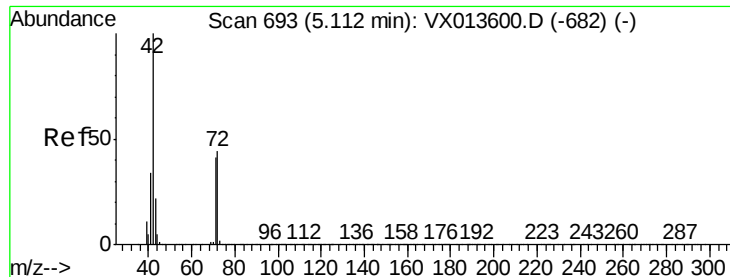


#28

Bromochloromethane
Concen: 19.236 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90717		
129	3.2	0.0	5.0	
130	81.7	65.4	98.0	





#29

Tetrahydrofuran

Concen: 106.103 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

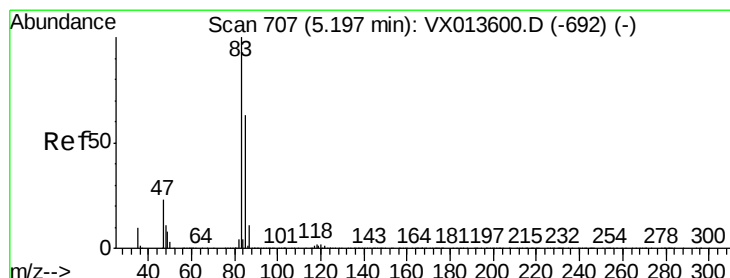
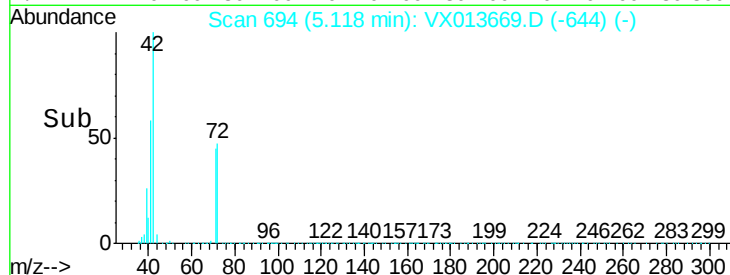
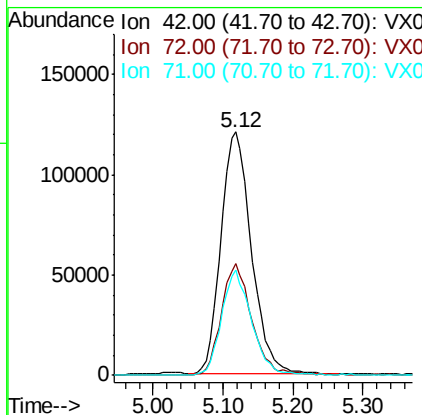
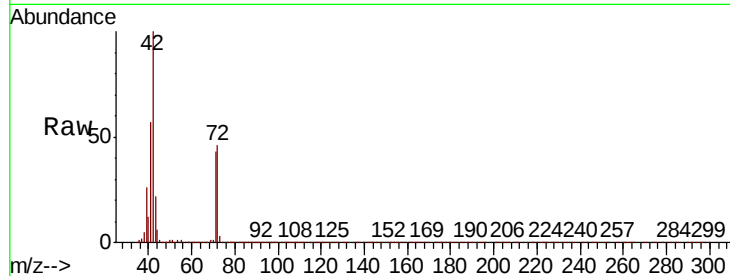
ClientSampleId :

VX1127WBS03

Tot Ion:	42	Resp:	365566
Ion Ratio		Lower	Upper
42	100		
72	45.6	36.3	54.5
71	42.5	33.2	49.8

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#30

Chloroform

Concen: 19.230 ug/l

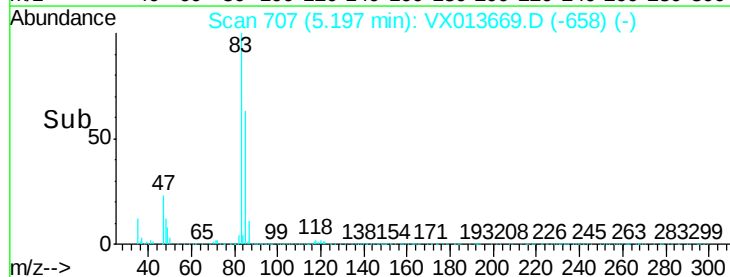
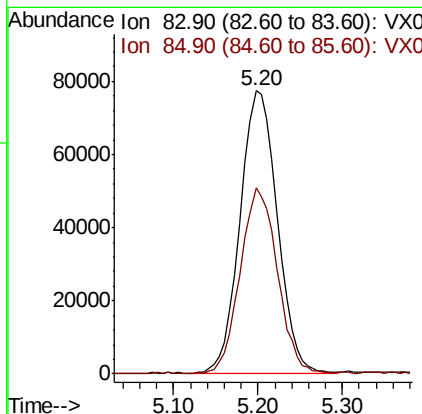
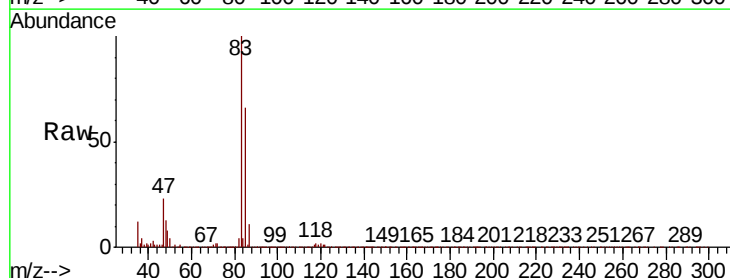
RT: 5.20 min Scan# 707

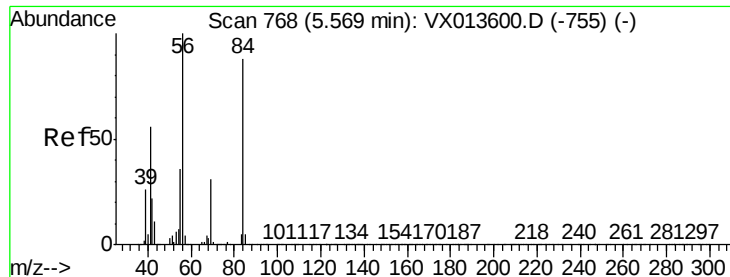
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	83	Resp:	232645
Ion Ratio		Lower	Upper
83	100		
85	65.6	50.2	75.4





#31

Cyclohexane

Concen: 19.029 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

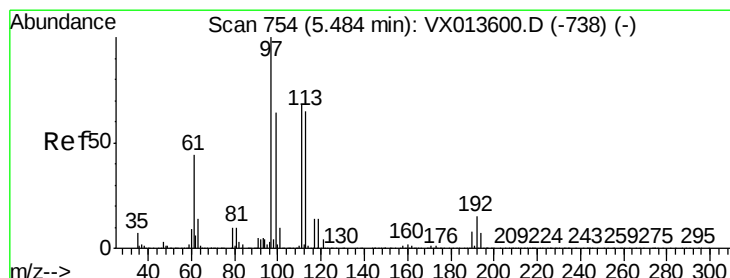
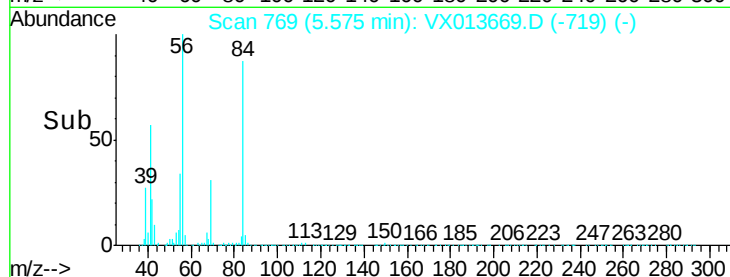
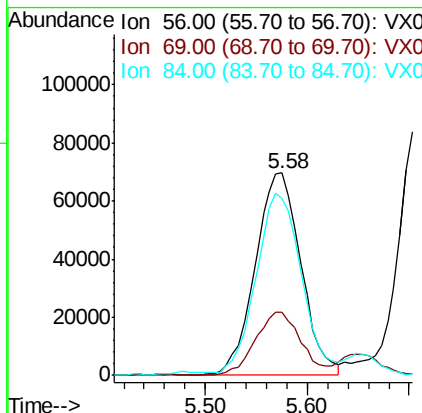
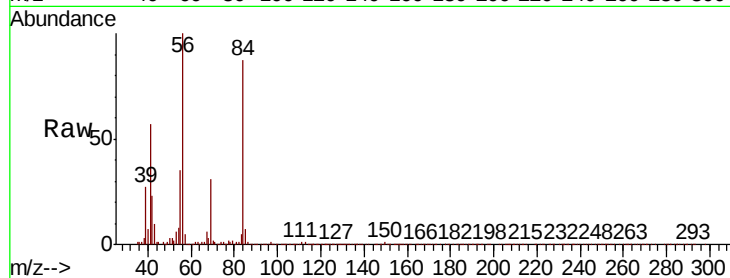
ClientSampleId :

VX1127WBS03

Tot Ion:	56	Resp:	214104
Ion Ratio		Lower	Upper
56	100		
69	30.8	24.6	36.8
84	86.4	70.0	105.0

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#32

1,1,1-Trichloroethane

Concen: 19.258 ug/l

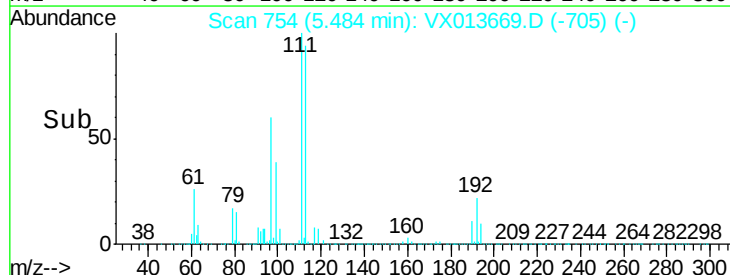
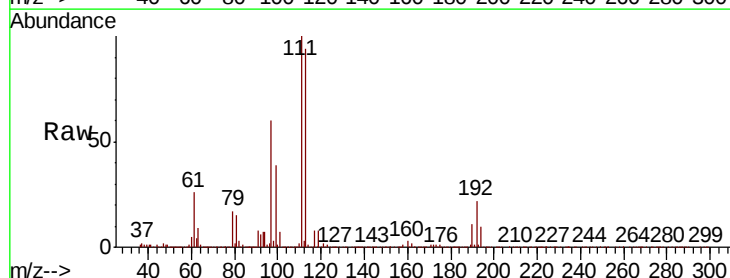
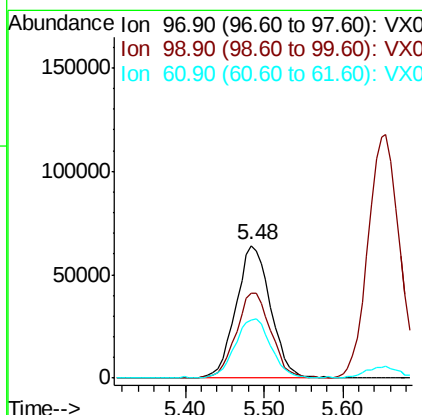
RT: 5.48 min Scan# 754

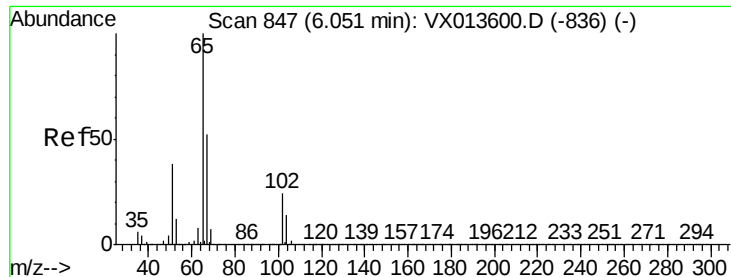
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	97	Resp:	194698
Ion Ratio		Lower	Upper
97	100		
99	64.1	51.6	77.4
61	45.3	36.1	54.1





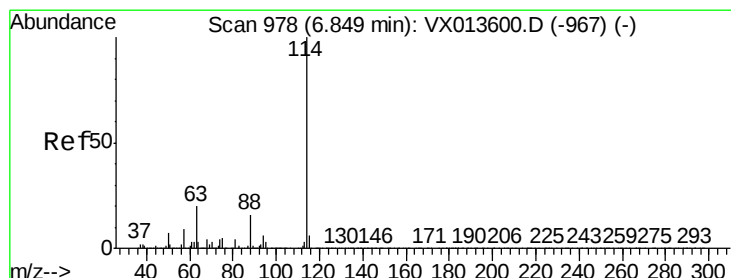
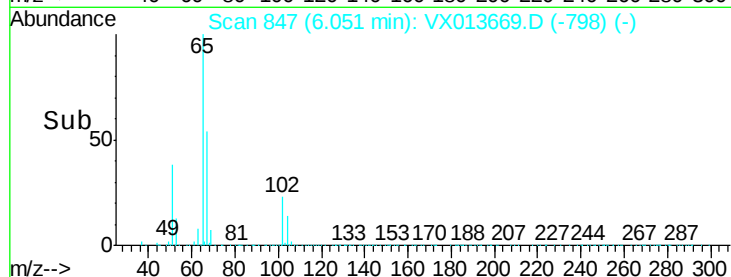
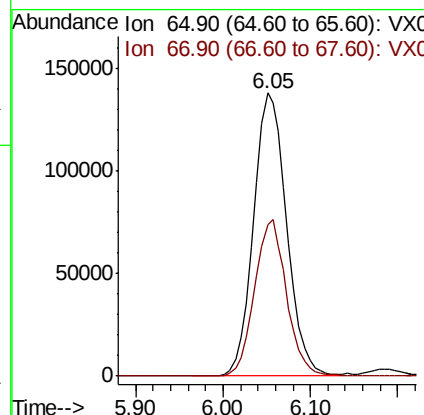
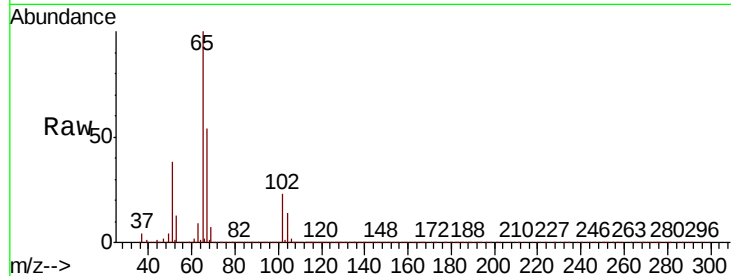
#33
 1,2-Dichloroethane-d4
 Concen: 47.567 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.4

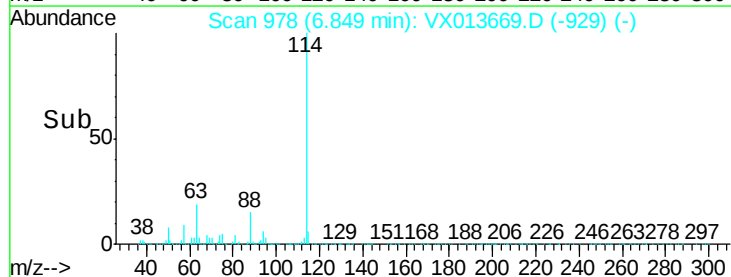
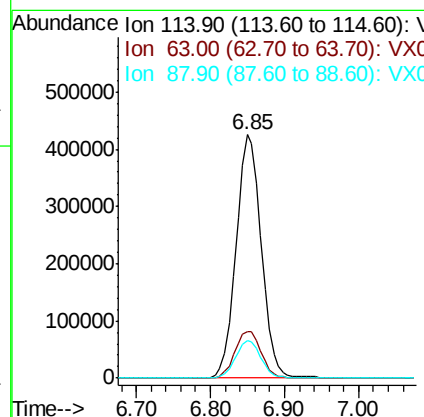
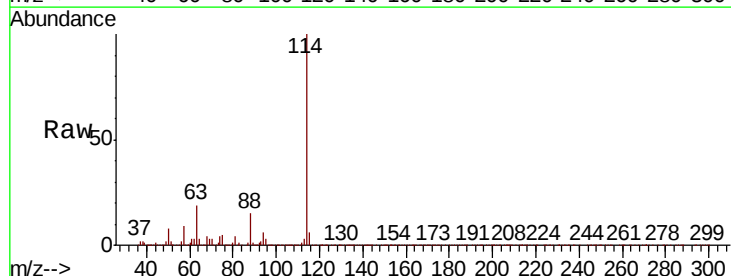
Manual Integrations
 APPROVED

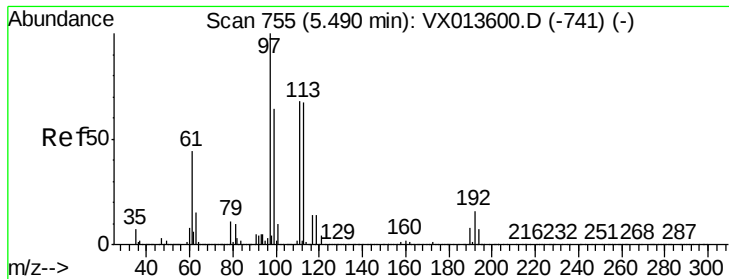
apatel
 12/2/2019 3:18:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	15.4	0.0	31.4





#35

Dibromofluoromethane

Concen: 48.187 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

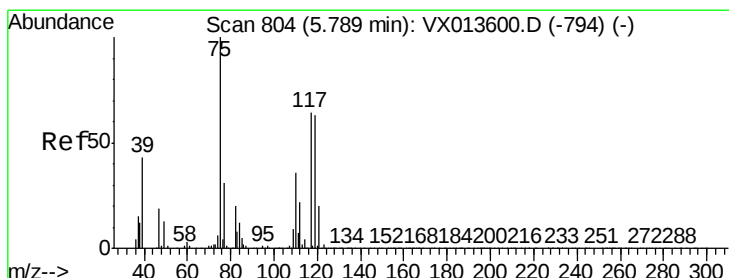
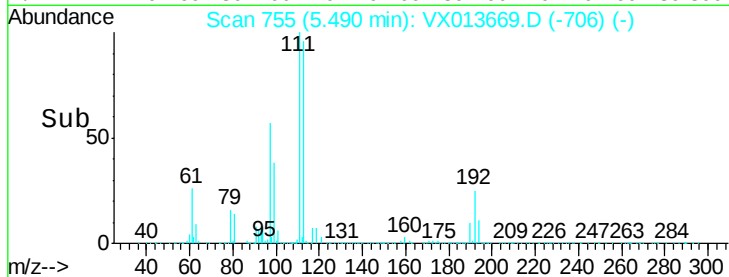
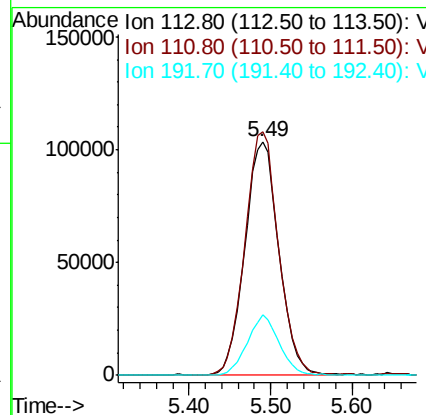
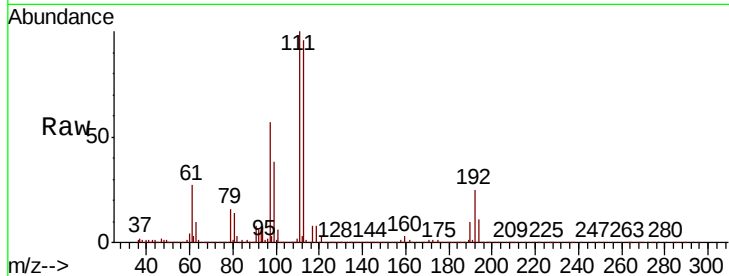
ClientSampleId :

VX1127WBS03

Tot Ion:	113	Resp:	300545
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.6	125.4
192	24.3	19.2	28.8

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#36

1,1-Dichloropropene

Concen: 18.999 ug/l

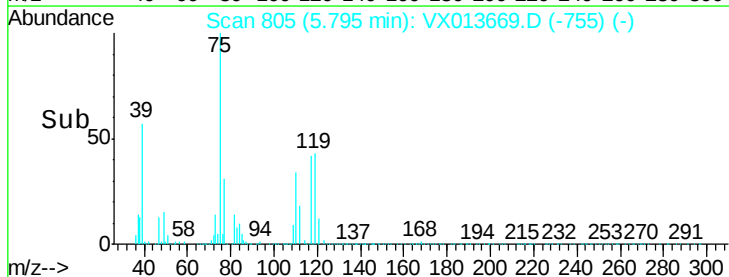
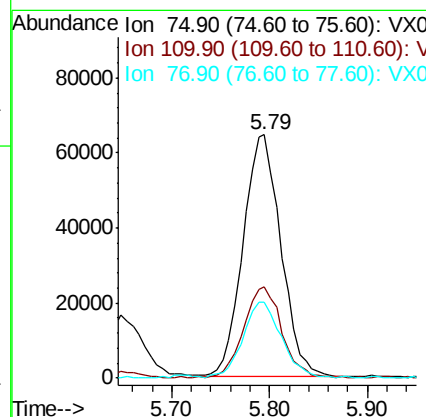
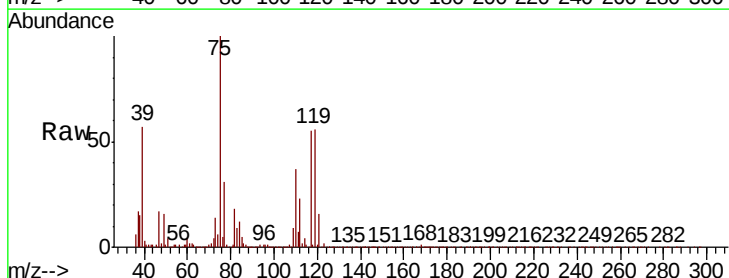
RT: 5.79 min Scan# 805

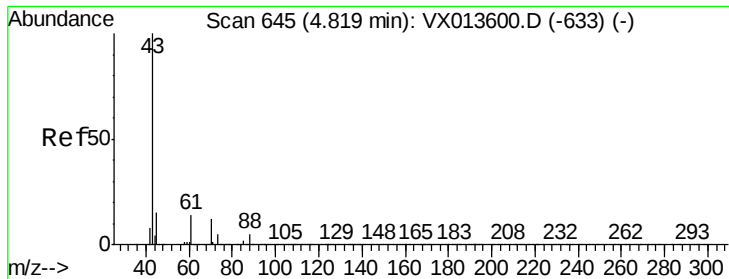
Delta R.T. 0.01 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	75	Resp:	173996
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.1	54.1
77	31.8	24.5	36.7





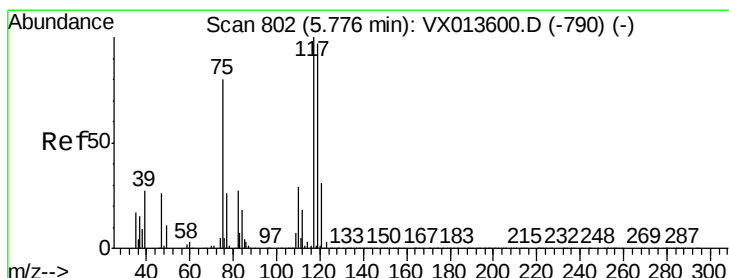
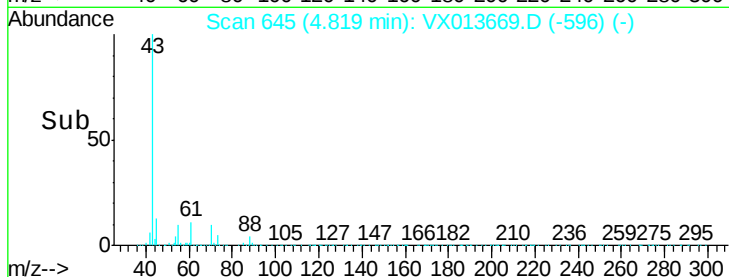
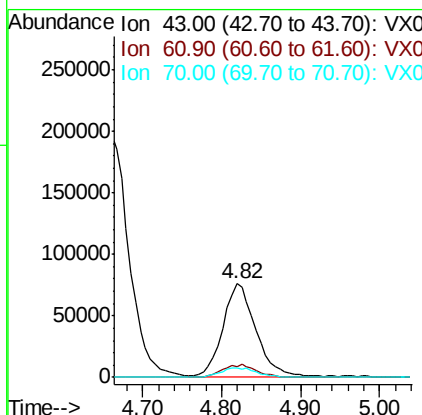
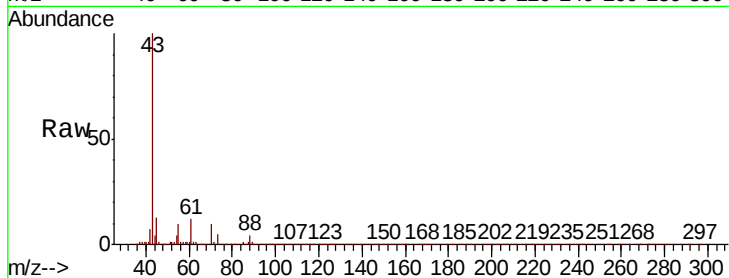
#37
Ethyl Acetate
Concen: 21.151 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampled :
VX1127WBS03

Tot Ion	43	Resp	217305
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.0	16.4
70	10.6	8.6	12.8

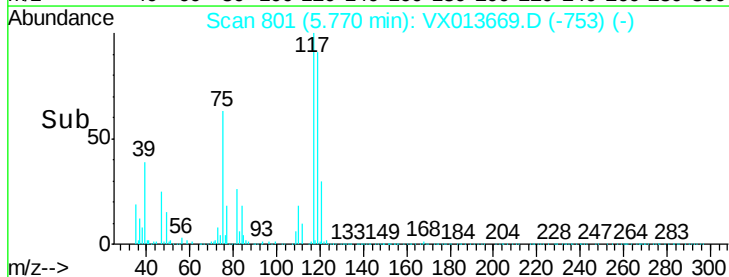
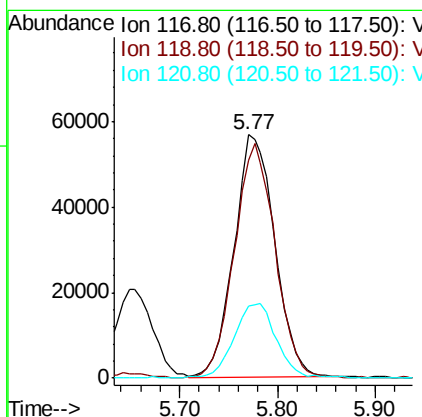
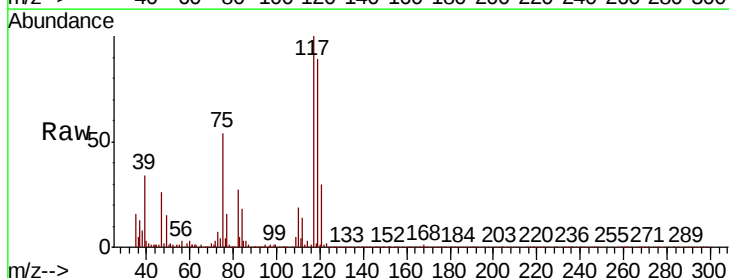
Manual Integrations
APPROVED

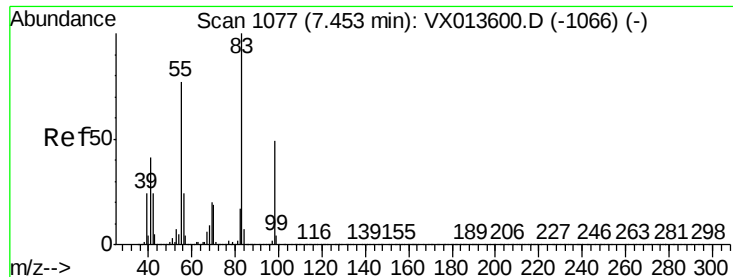
apatel
12/2/2019 3:18:05 PM



#38
Carbon Tetrachloride
Concen: 19.346 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	117	Resp	163373
Ion Ratio	Lower	Upper	
117	100		
119	89.5	77.5	116.3
121	29.3	25.0	37.6





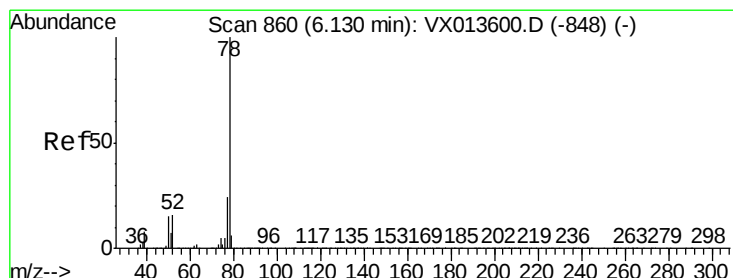
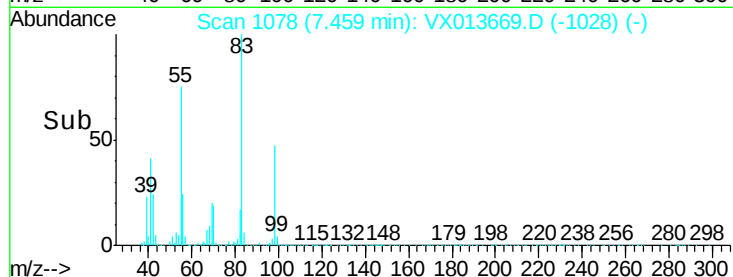
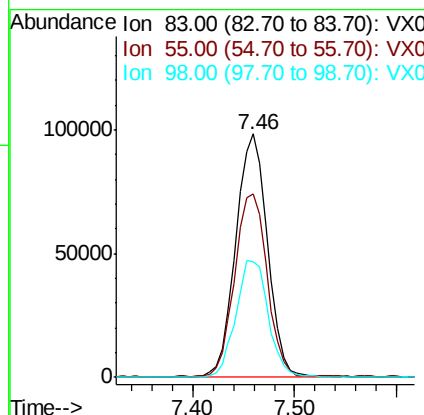
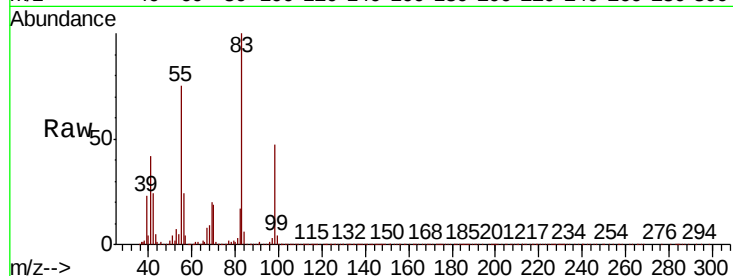
#39
Methvlcvclohexane
Concen: 18.599 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.9	92.9
98	47.1	39.4	59.0

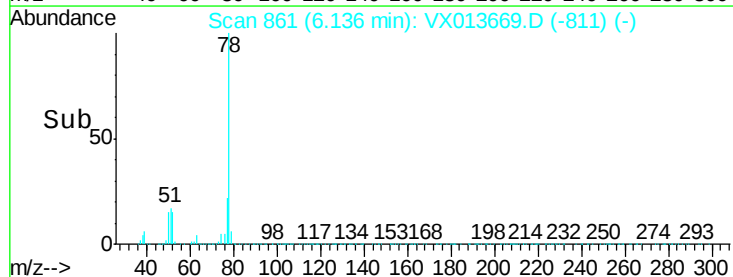
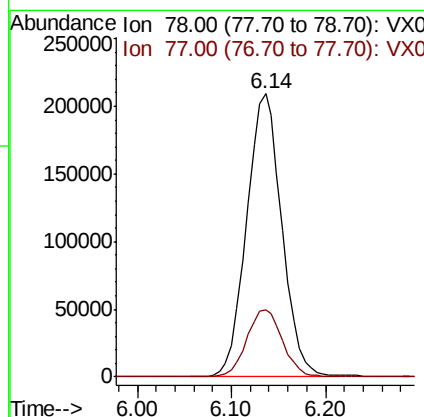
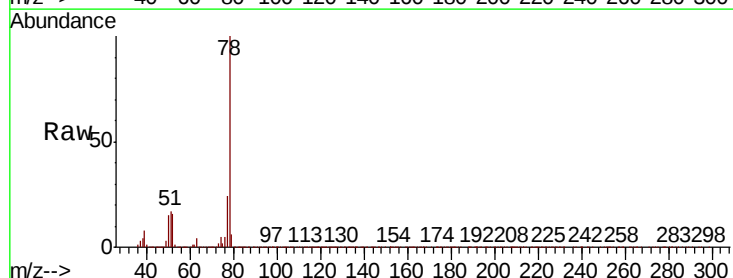
Manual Integrations
APPROVED

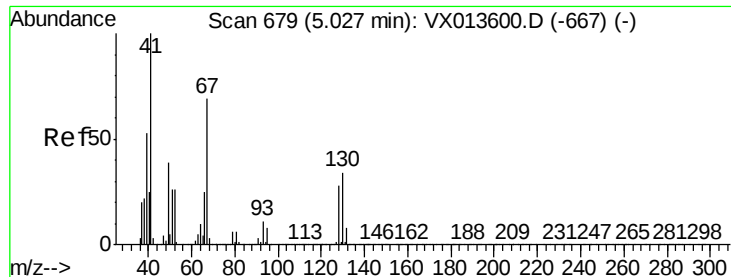
apatel
12/2/2019 3:18:05 PM



#40
Benzene
Concen: 19.568 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





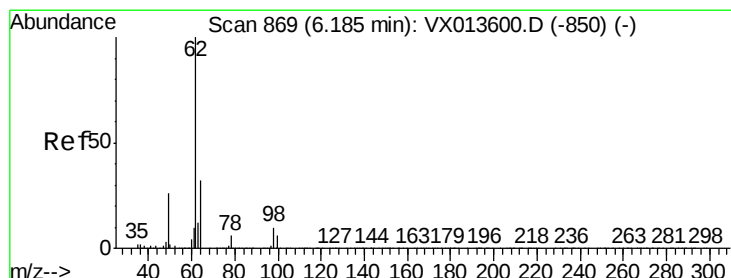
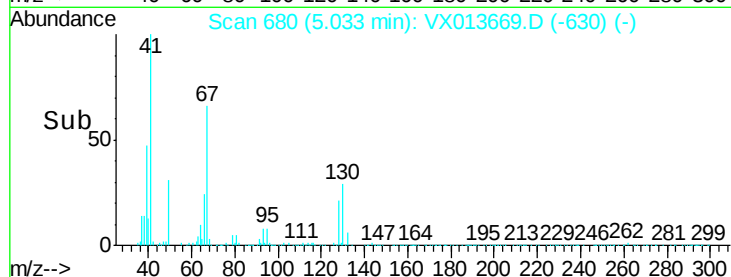
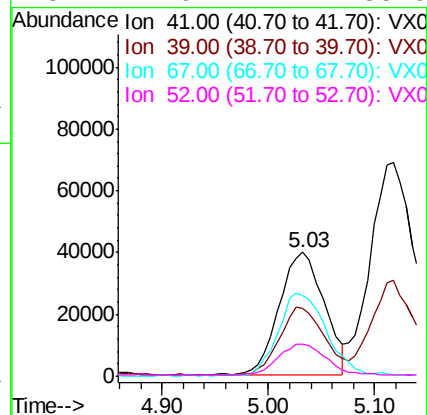
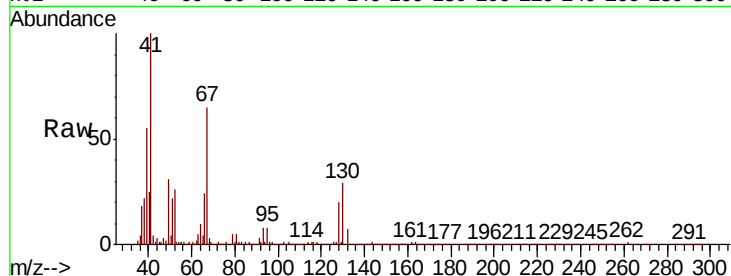
#41
Methacrylonitrile
Concen: 20.758 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.3	42.9	64.3		
67	72.0	57.4	86.0		
52	27.9	22.4	33.6		

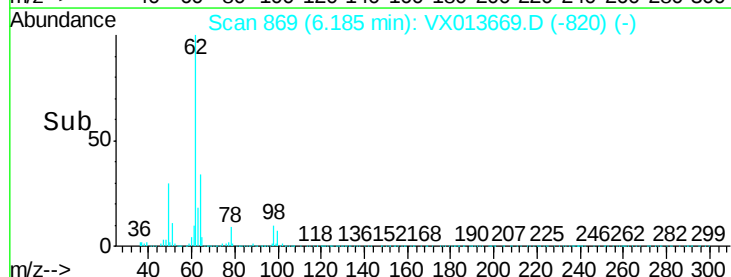
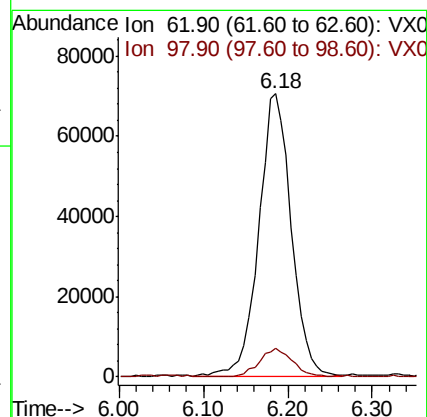
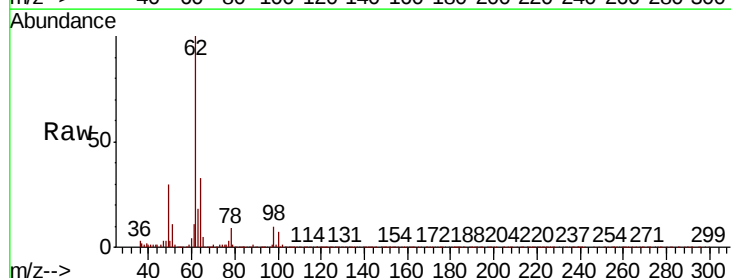
Manual Integrations
APPROVED

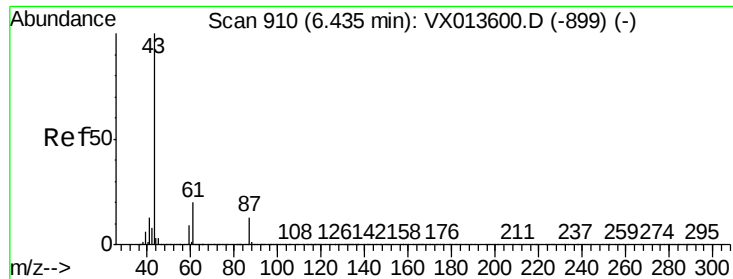
apatel
12/2/2019 3:18:05 PM



#42
1,2-Dichloroethane
Concen: 19.588 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.2	0.0	20.8		





#43

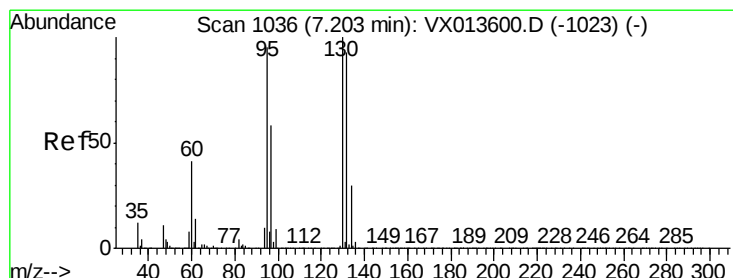
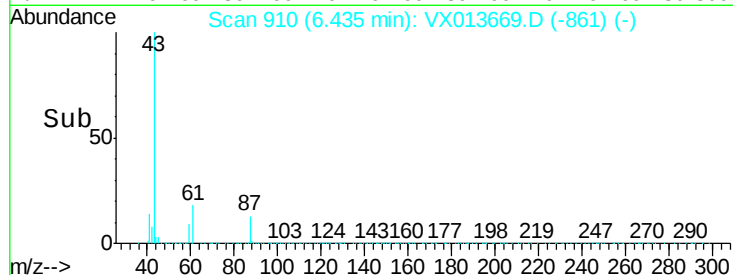
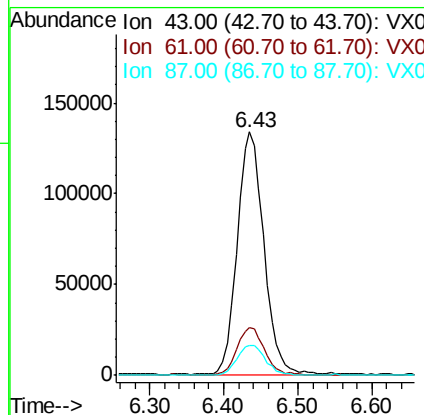
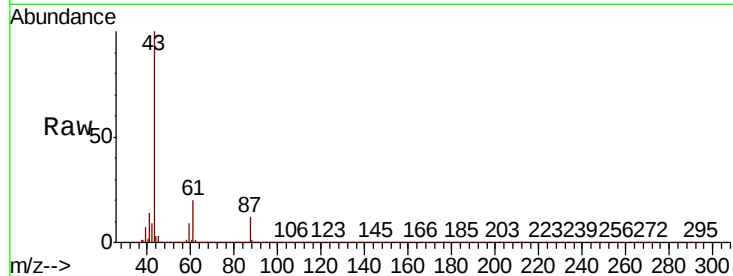
Isopropyl Acetate
 Concen: 19.868 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.3	24.5
87	13.2	10.8	16.2

Manual Integrations
 APPROVED

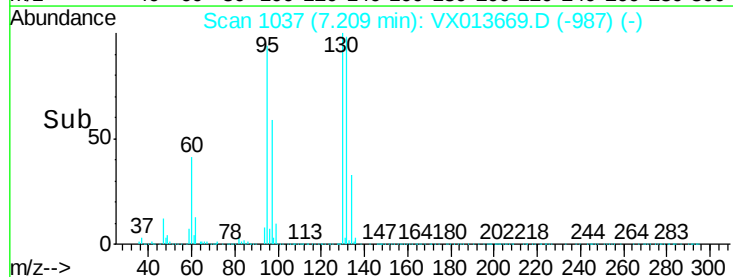
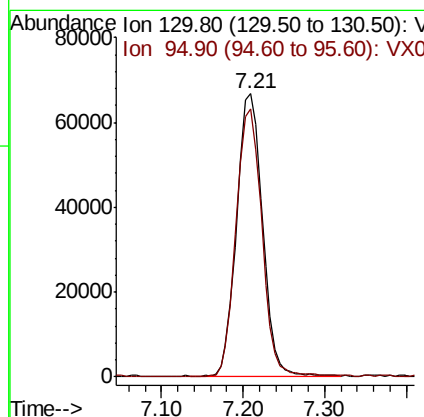
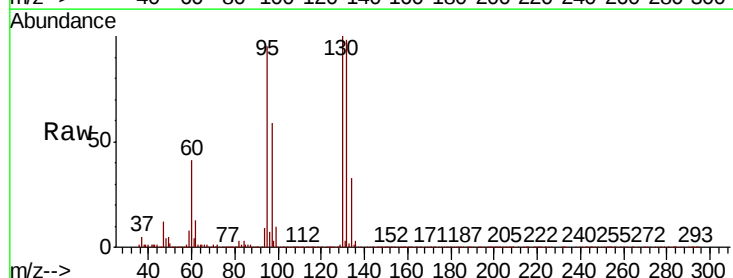
apatel
 12/2/2019 3:18:05 PM

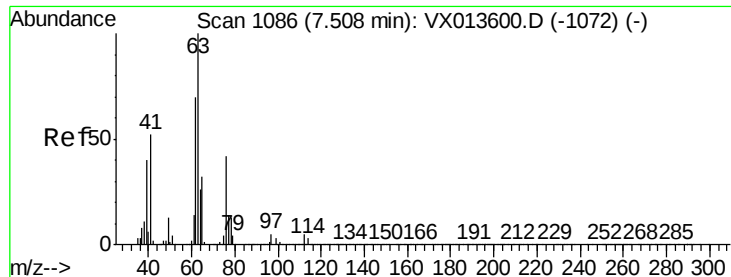


#44

Trichloroethene
 Concen: 19.022 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.135 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 63 Resp: 140516

Ion Ratio Lower Upper

63 100

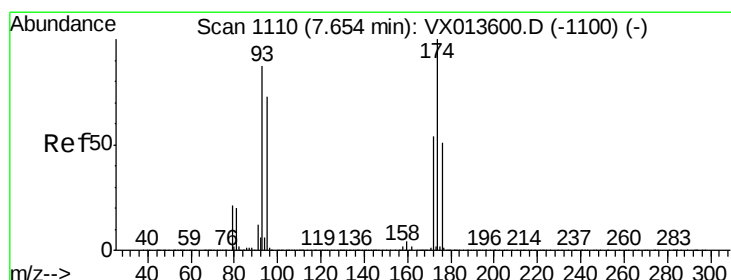
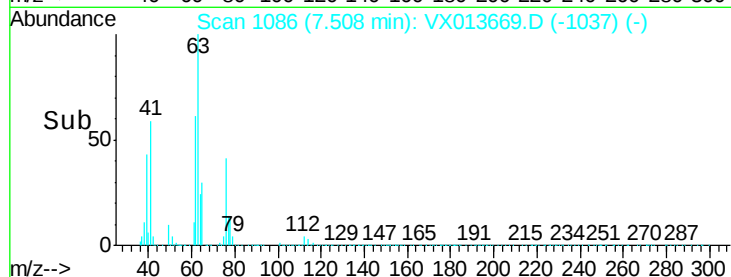
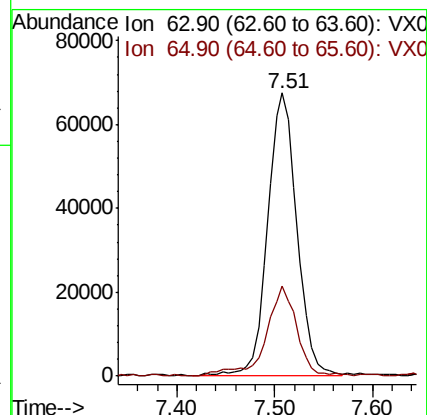
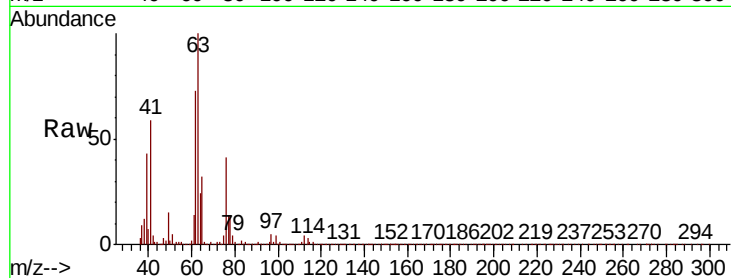
65 31.4 25.5 38.3

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:05 PM



#46

Dibromomethane

Concen: 18.875 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

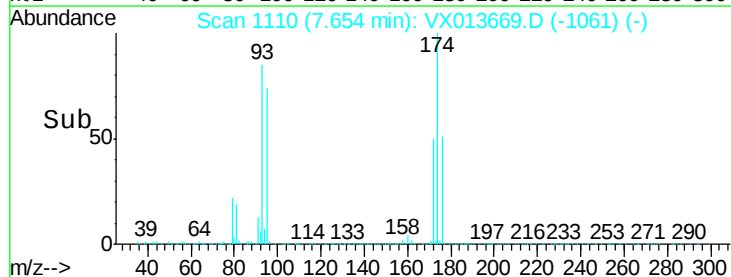
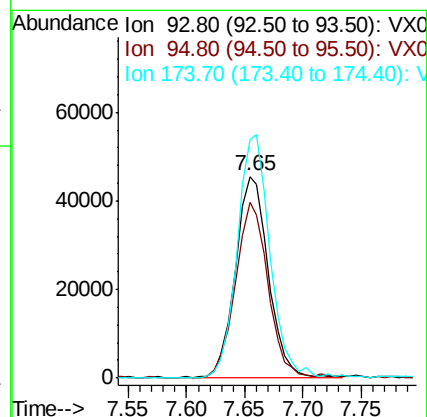
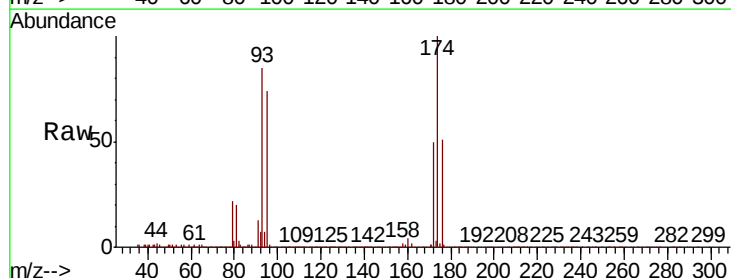
Tgt Ion: 93 Resp: 89465

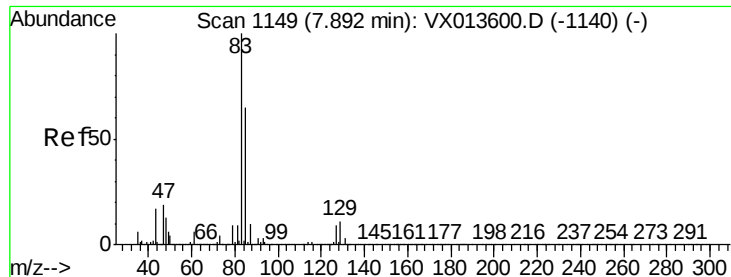
Ion Ratio Lower Upper

93 100

95 86.0 66.2 99.2

174 120.2 93.4 140.0





#47

Bromodichloromethane

Concen: 19.380 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

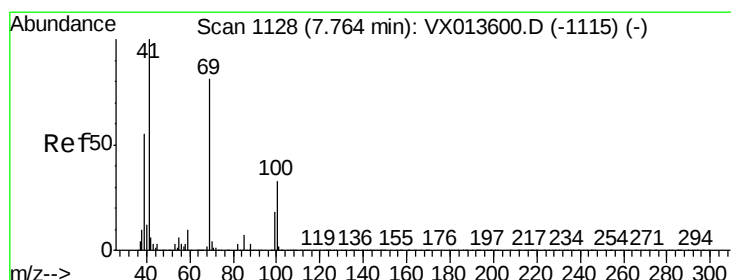
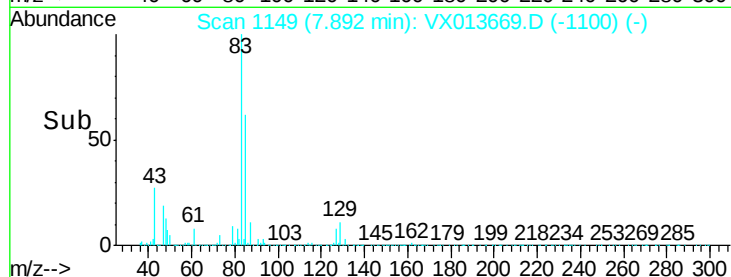
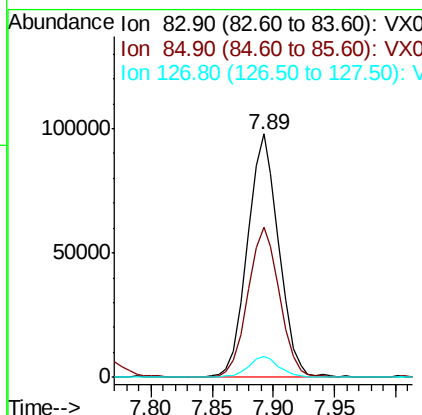
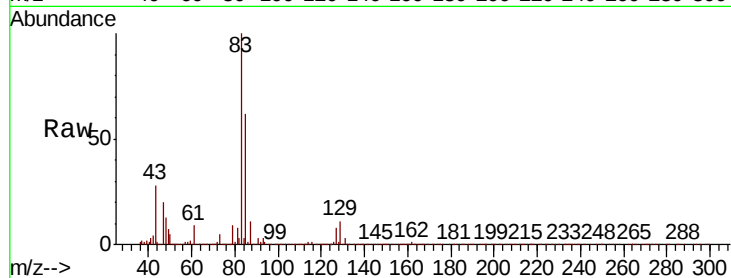
ClientSampleId :

VX1127WBS03

Tot Ion:	83	Resp:	173653
Ion Ratio	Lower	Upper	
83	100		
85	61.5	52.1	78.1
127	8.2	7.0	10.4

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#48

Methyl methacrylate

Concen: 20.514 ug/l

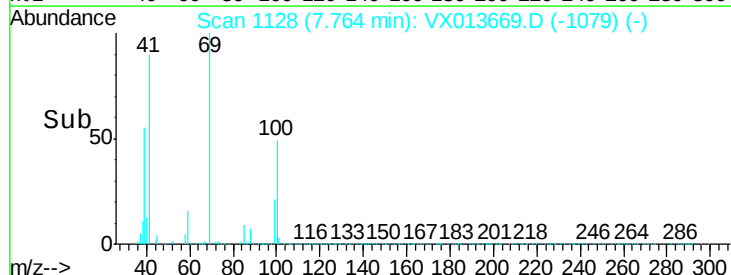
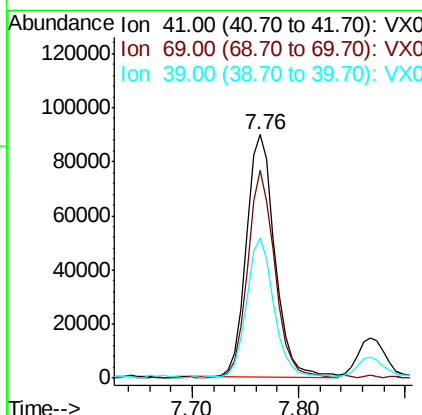
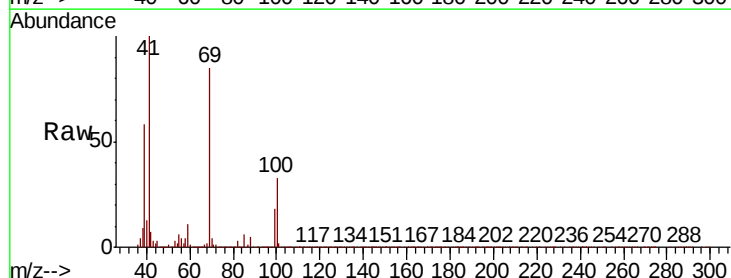
RT: 7.76 min Scan# 1128

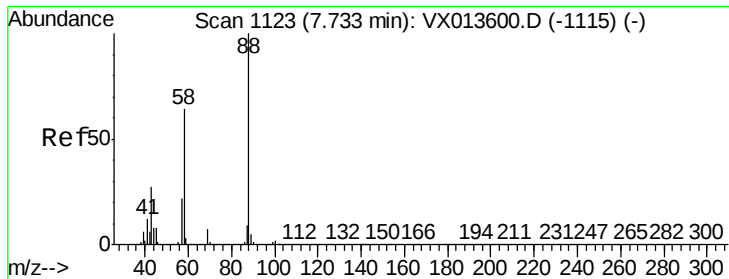
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	41	Resp:	168593
Ion Ratio	Lower	Upper	
41	100		
69	81.4	64.7	97.1
39	55.7	43.8	65.6





#49

1,4-Dioxane

Concen: 401.709 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

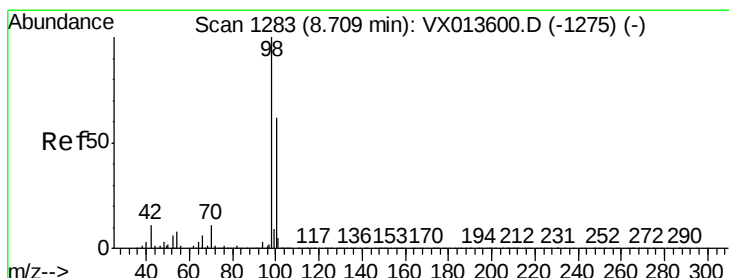
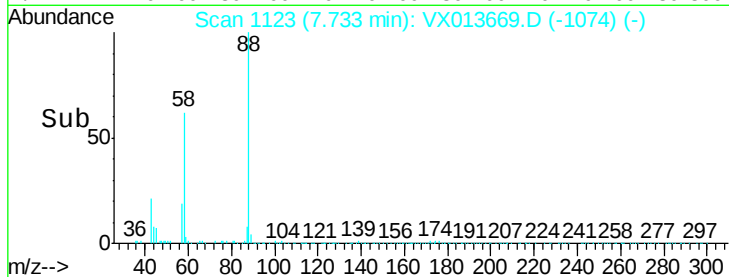
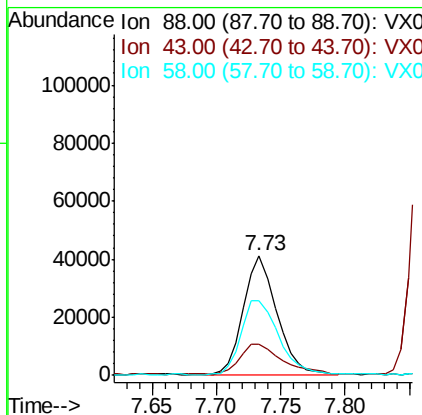
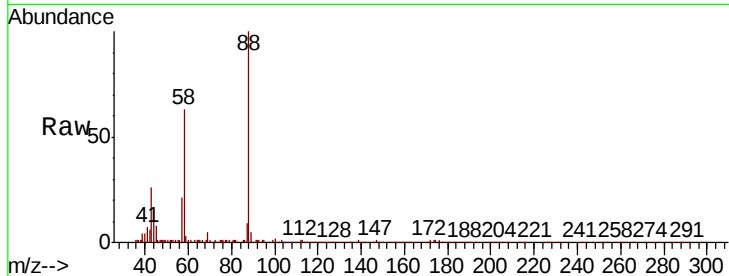
ClientSampleId :

VX1127WBS03

Tot Ion:	88	Resp:	73897
Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.8	38.6
58	69.6	54.6	82.0

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#50

Toluene-d8

Concen: 47.793 ug/l

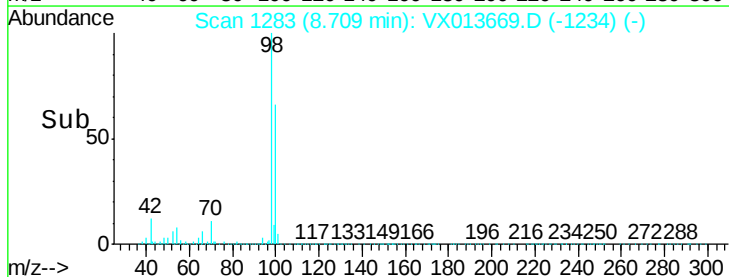
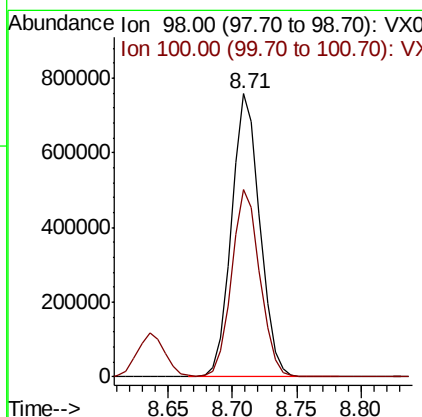
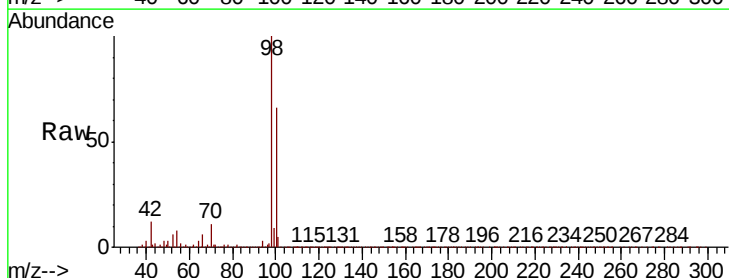
RT: 8.71 min Scan# 1283

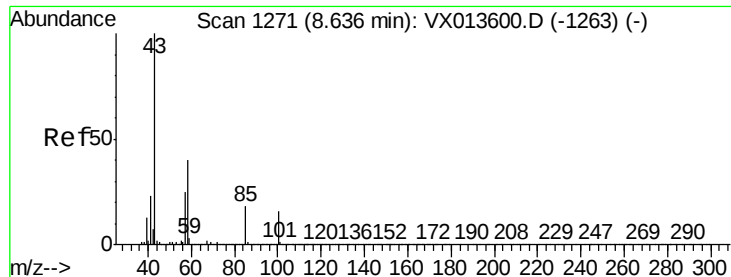
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	98	Resp:	1161383
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 103.393 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 43 Resp: 1100049

Ion Ratio Lower Upper

43 100

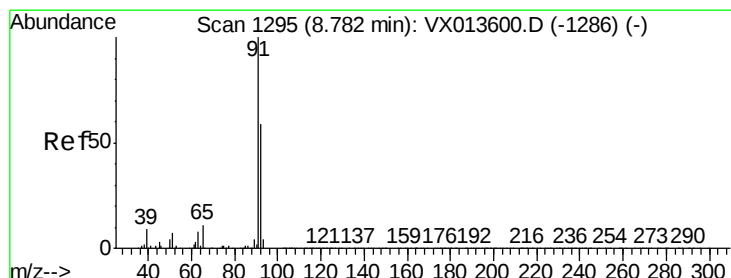
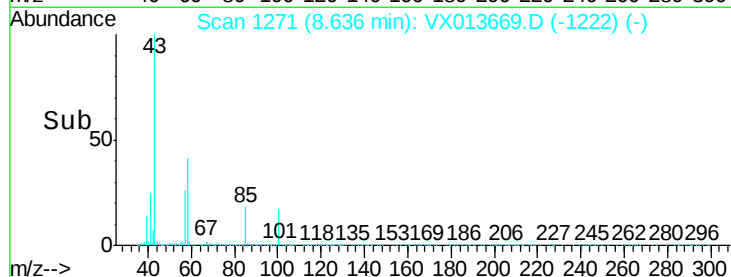
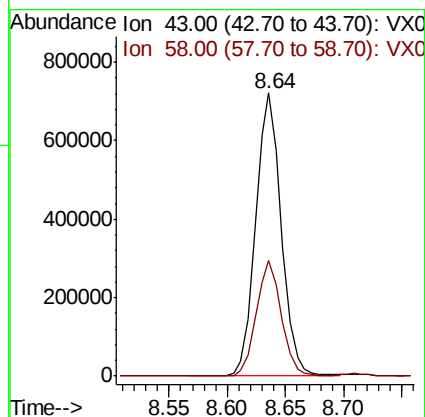
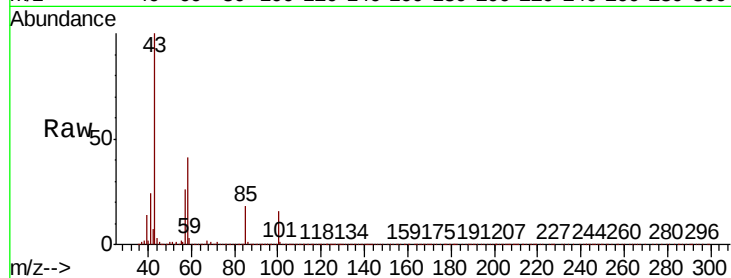
58 40.0 32.1 48.1

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:05 PM



#52

Toluene

Concen: 19.853 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013669.D

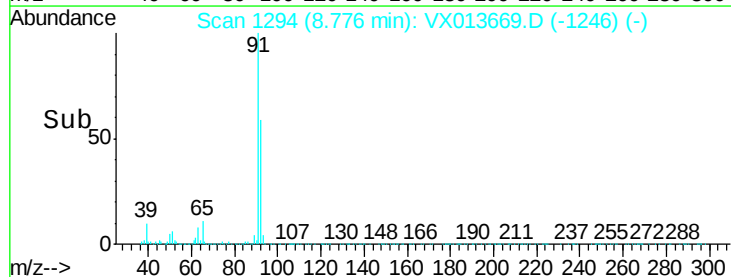
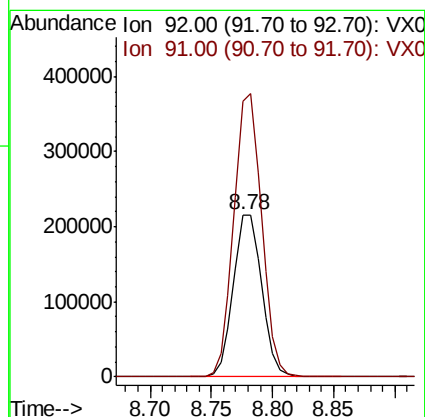
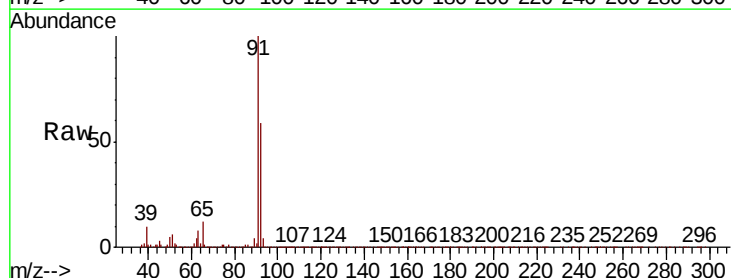
Acq: 27 Nov 2019 22:51

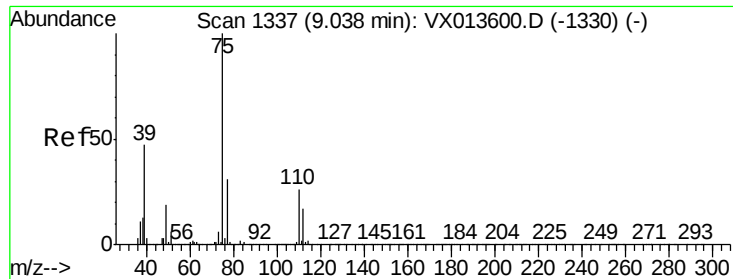
Tgt Ion: 92 Resp: 344010

Ion Ratio Lower Upper

92 100

91 172.2 136.2 204.2





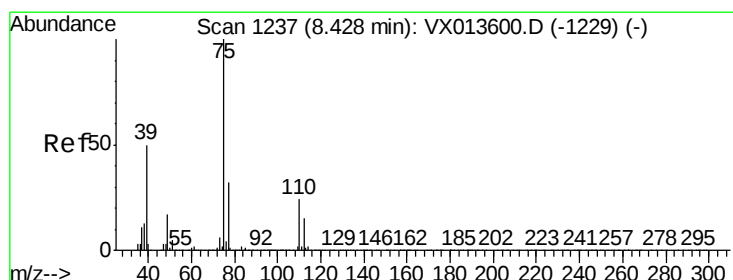
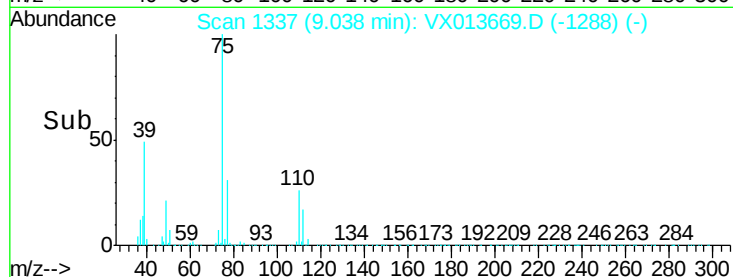
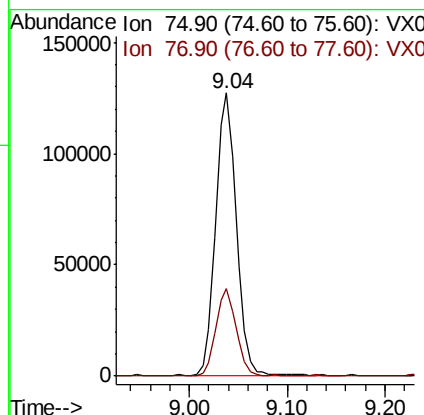
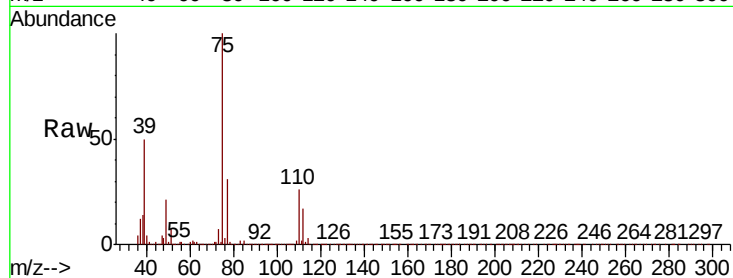
#53
t-1,3-Dichloropropene
Concen: 18.319 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.4	36.6

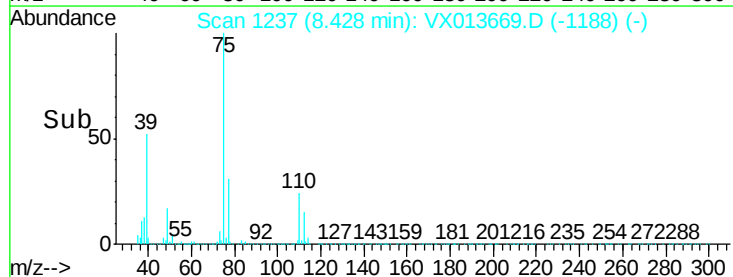
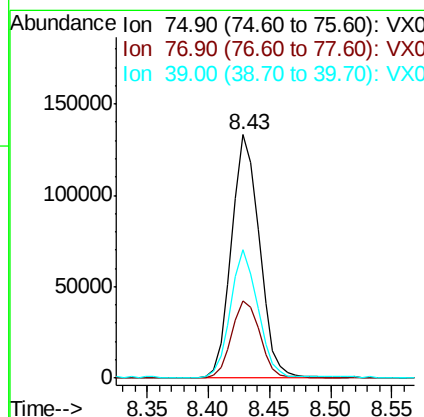
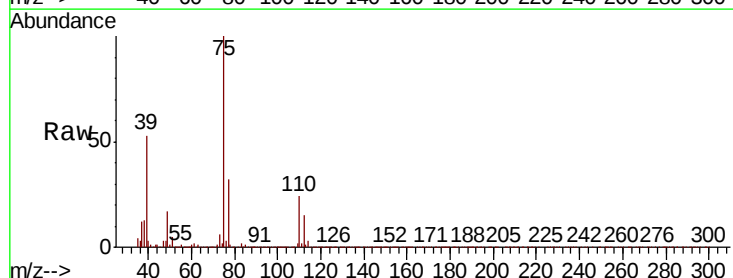
Manual Integrations
APPROVED

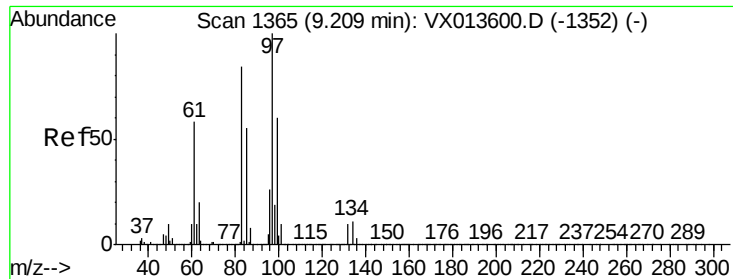
apatel
12/2/2019 3:18:05 PM



#54
cis-1,3-Dichloropropene
Concen: 18.838 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	52.5	39.9	59.9





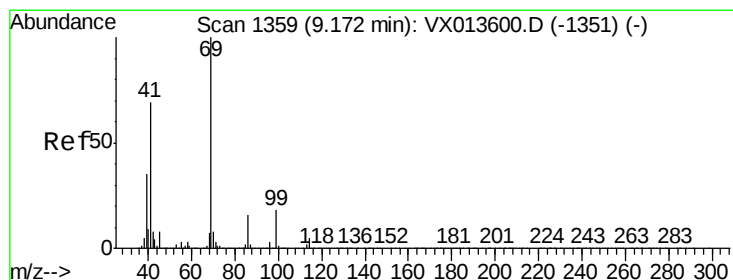
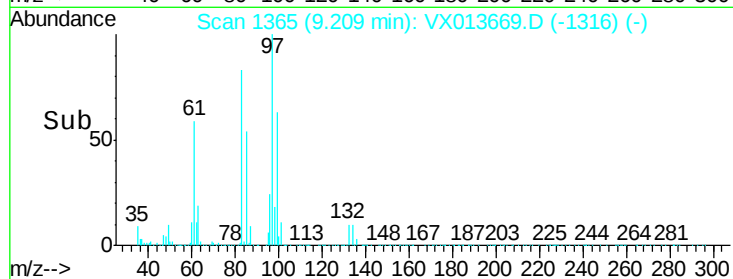
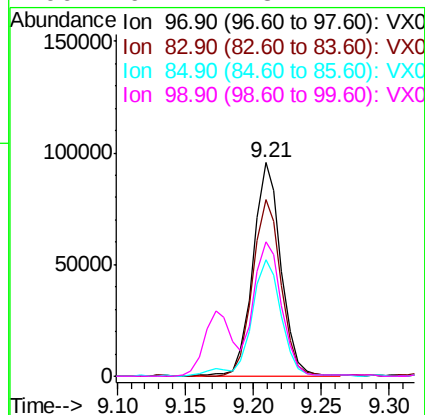
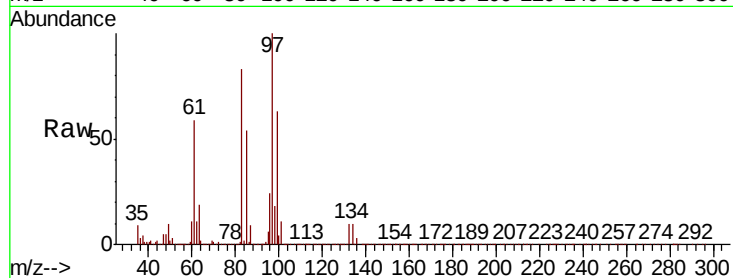
#55
 1,1,2-Trichloroethane
 Concen: 19.656 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		137254		
83	82.9	67.3	100.9		
85	53.9	43.6	65.4		
99	62.4	48.2	72.4		

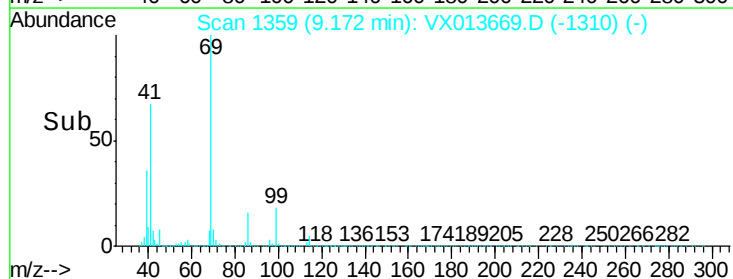
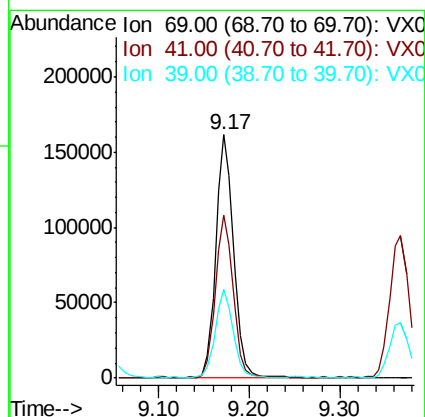
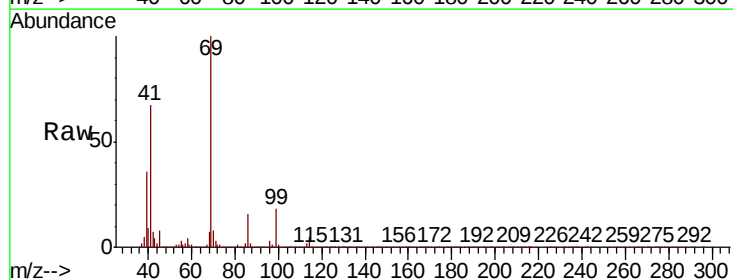
Manual Integrations
 APPROVED

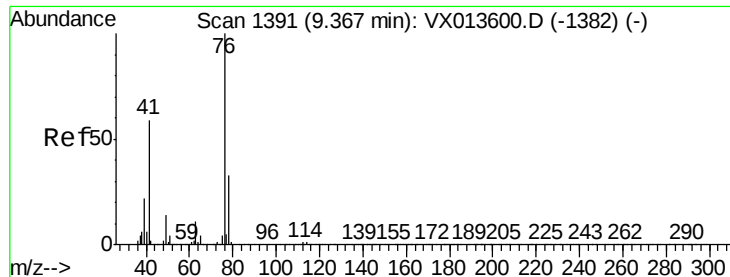
apatel
 12/2/2019 3:18:05 PM



#56
 Ethyl methacrylate
 Concen: 19.816 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		222468		
41	67.5	55.0	82.4		
39	36.1	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 19.666 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 76 Resp: 236700

Ion Ratio Lower Upper

76 100

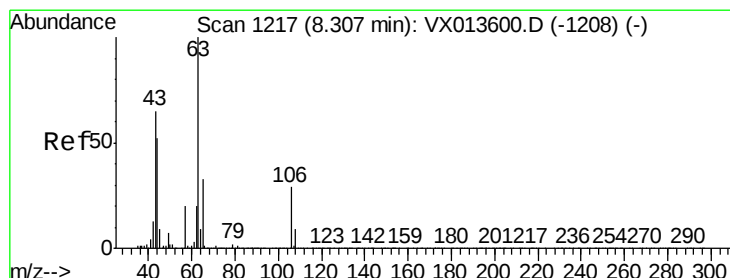
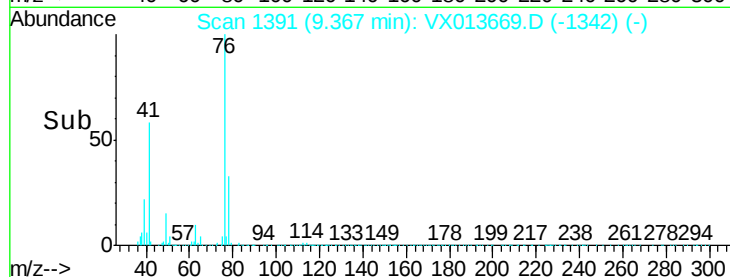
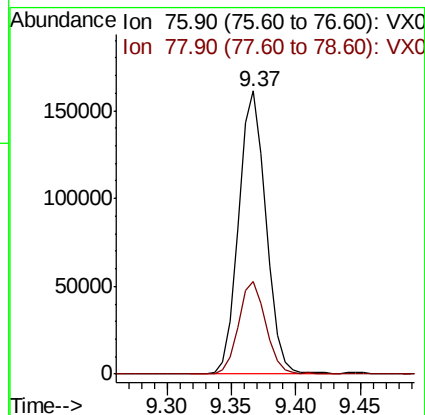
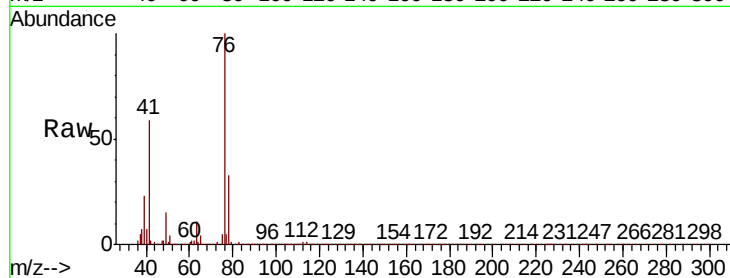
78 32.6 26.0 39.0

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:05 PM



#58

2-Chloroethyl Vinyl ether

Concen: 99.960 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013669.D

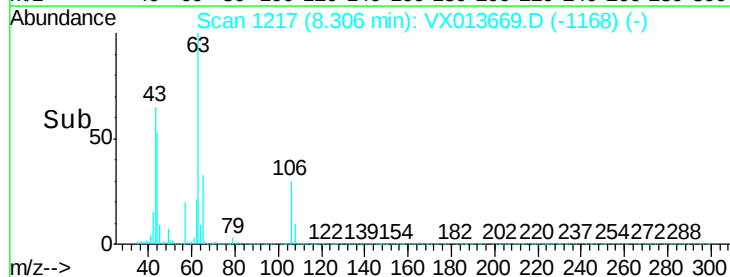
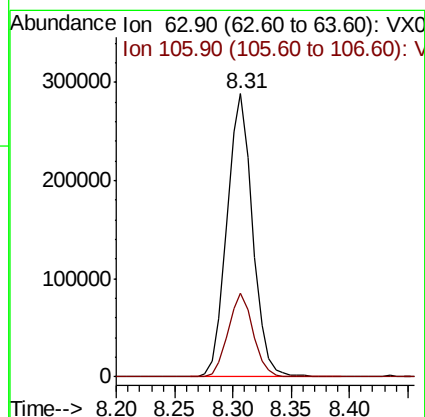
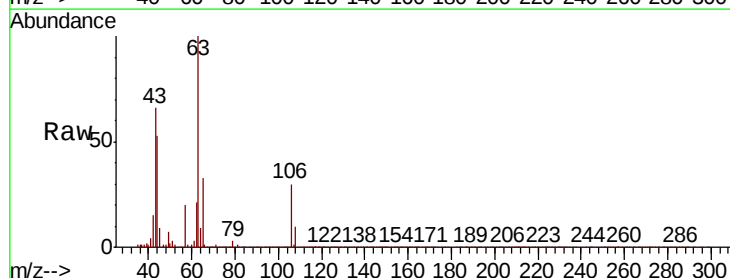
Acq: 27 Nov 2019 22:51

Tgt Ion: 63 Resp: 439995

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0





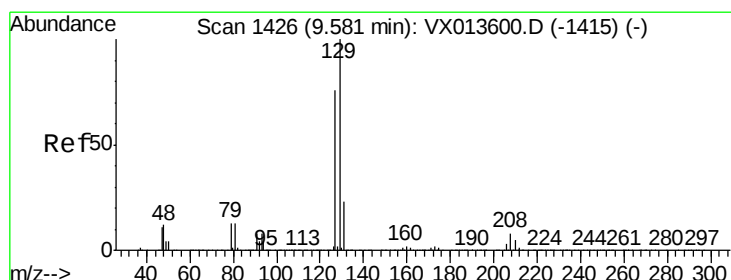
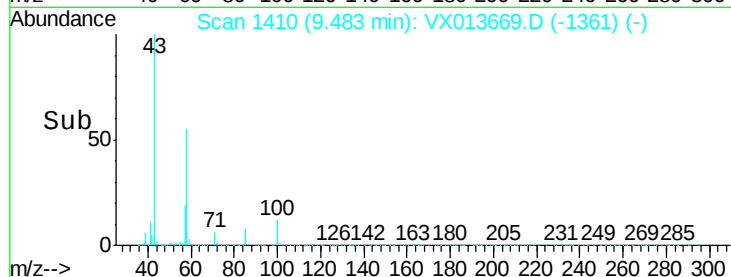
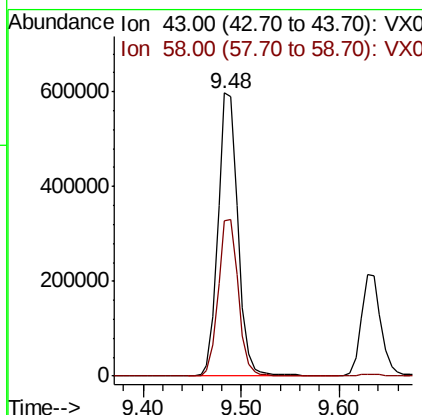
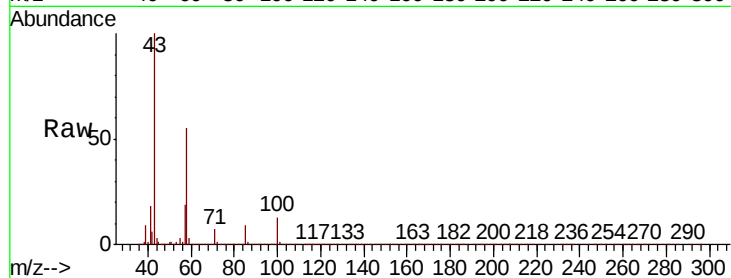
#59
2-Hexanone
Concen: 101.491 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion: 43 Resp: 842175
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4

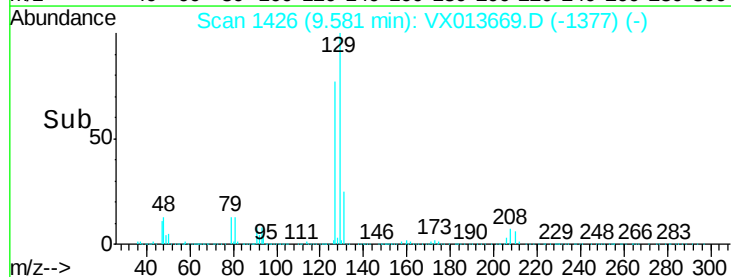
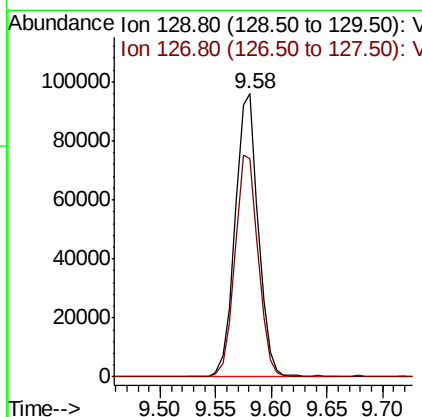
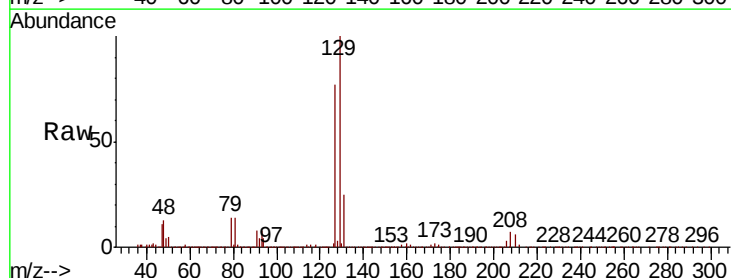
Manual Integrations
APPROVED

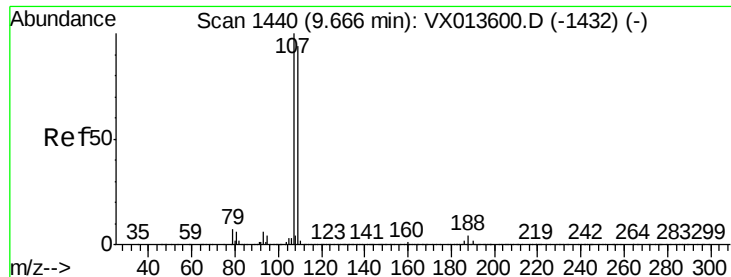
apatel
12/2/2019 3:18:05 PM



#60
Dibromochloromethane
Concen: 19.025 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion: 129 Resp: 137869
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.700 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 107 Resp: 146920

Ion Ratio Lower Upper

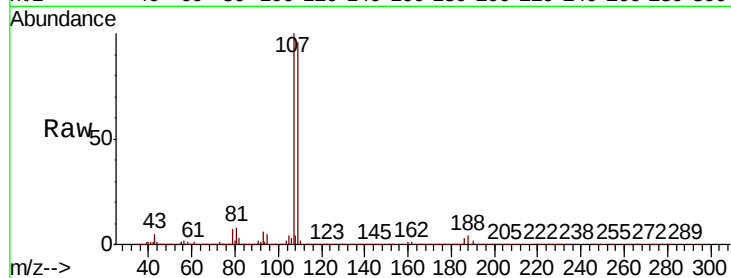
107 100

109 95.5 76.1 114.1

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:05 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

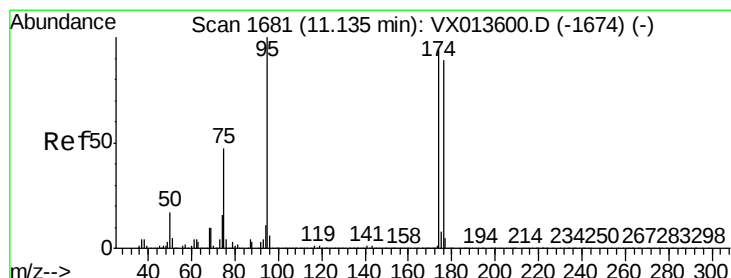
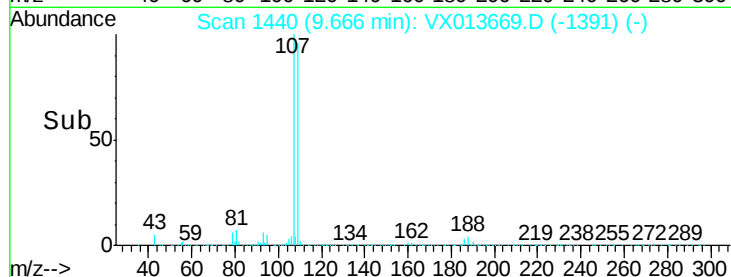
40000

20000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 46.731 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

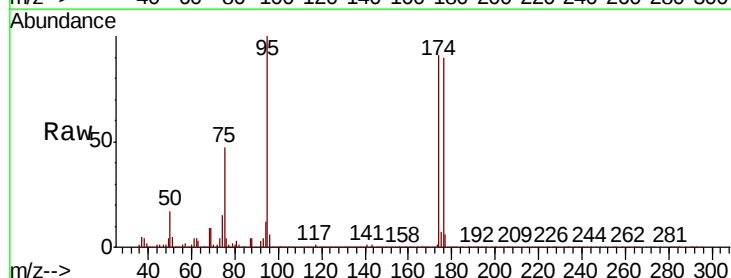
Tgt Ion: 95 Resp: 409490

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

176 87.1 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

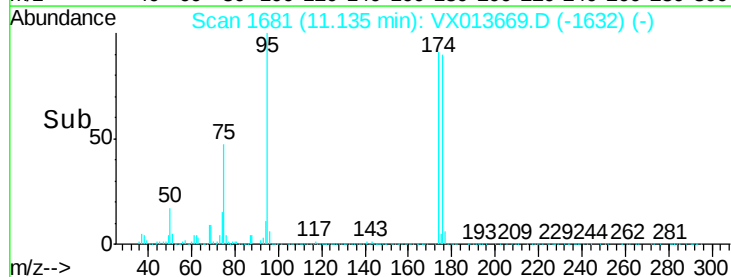
200000

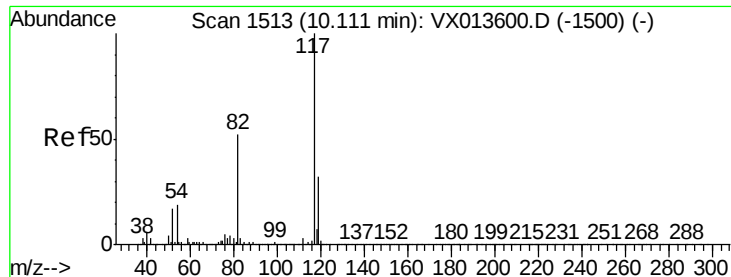
100000

0

11.10 11.20

Time-->





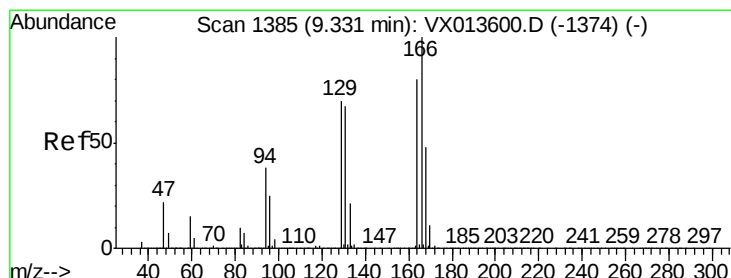
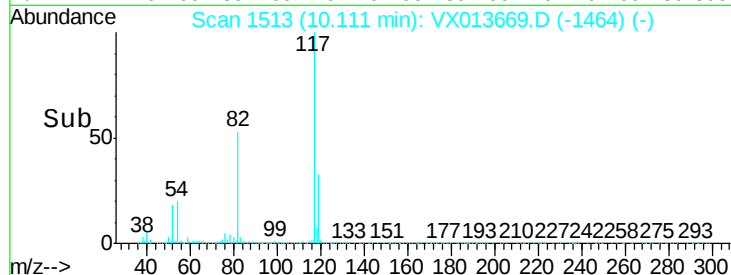
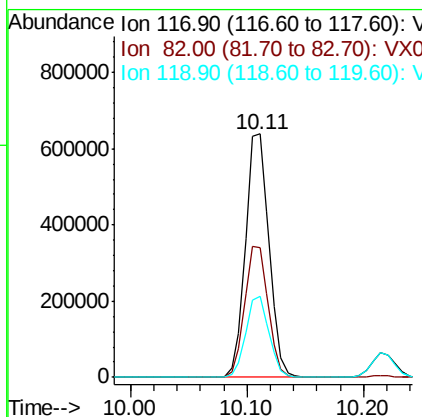
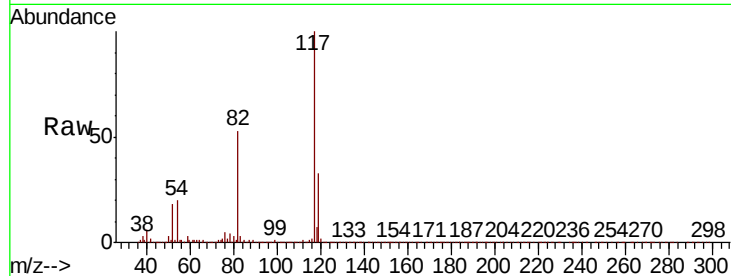
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.2	41.8	62.8
119	33.1	25.8	38.8

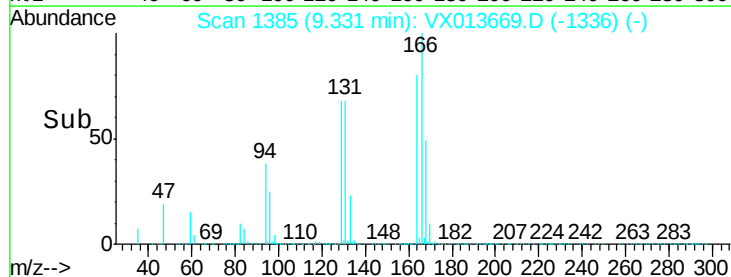
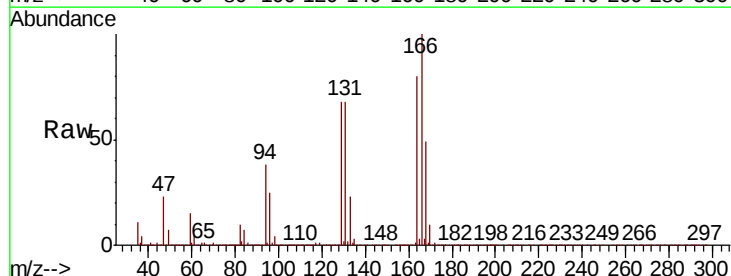
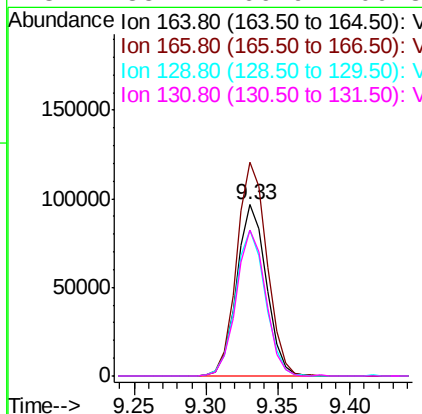
Manual Integrations
APPROVED

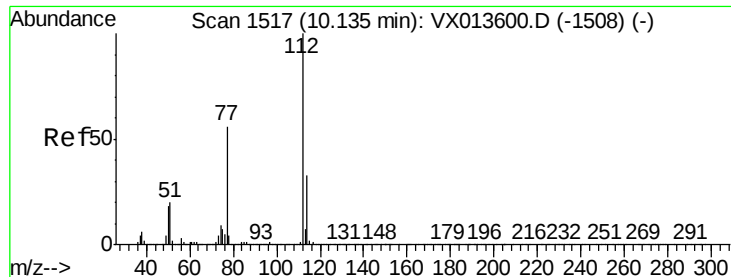
apatel
12/2/2019 3:18:05 PM



#64
Tetrachloroethene
Concen: 20.534 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	124.7	99.7	149.5
129	85.2	70.1	105.1
131	85.1	66.9	100.3





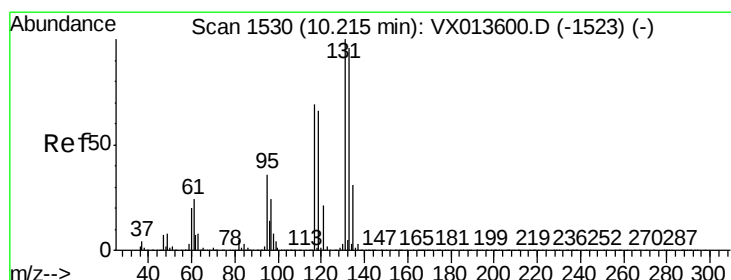
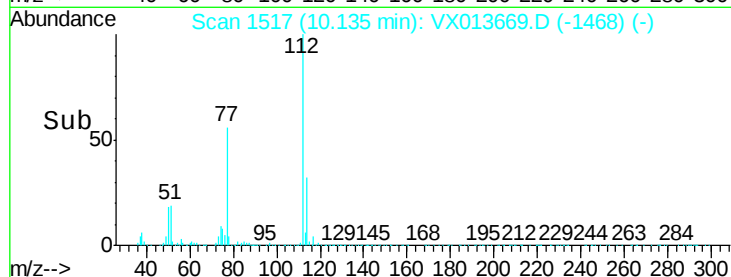
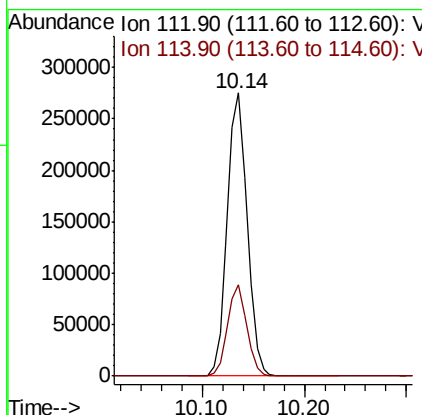
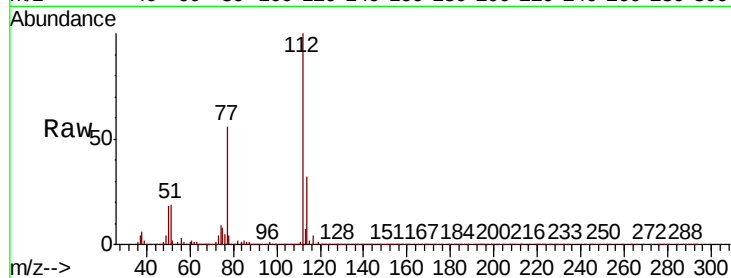
#65
Chlorobenzene
Concen: 19.823 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.1	39.1

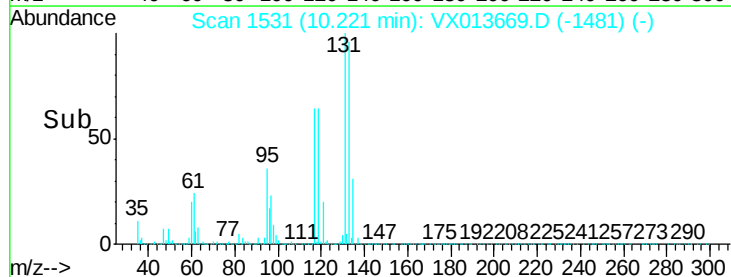
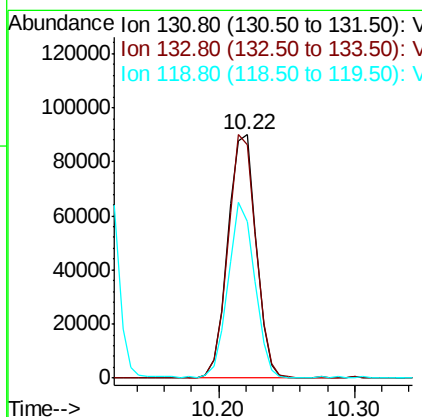
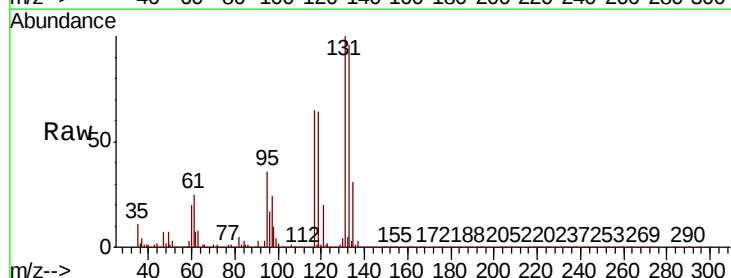
Manual Integrations
APPROVED

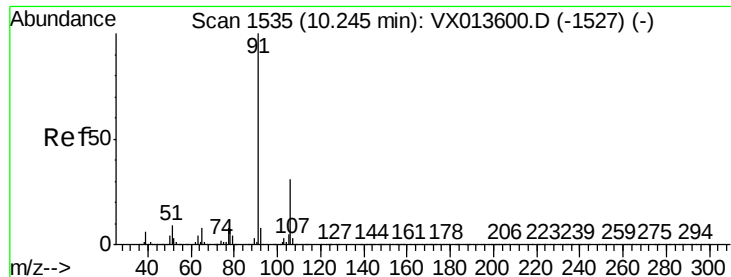
apatel
12/2/2019 3:18:05 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.314 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.2	47.7	143.1
119	67.3	32.9	98.6





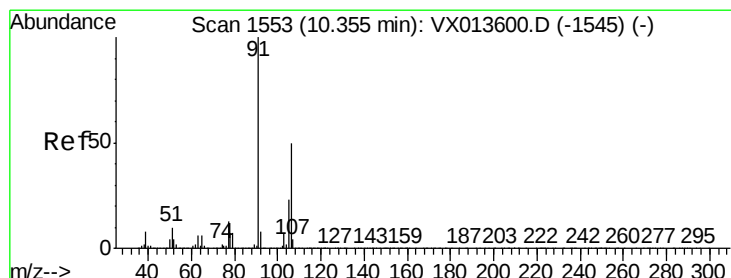
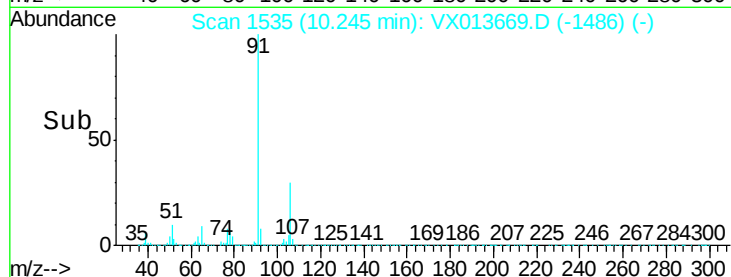
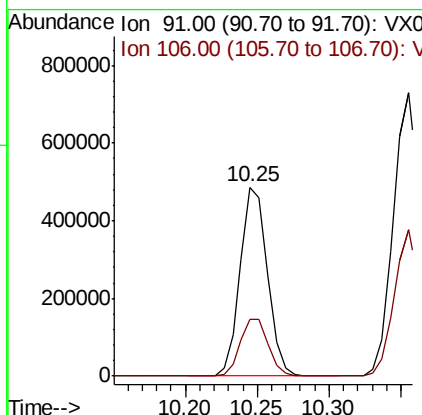
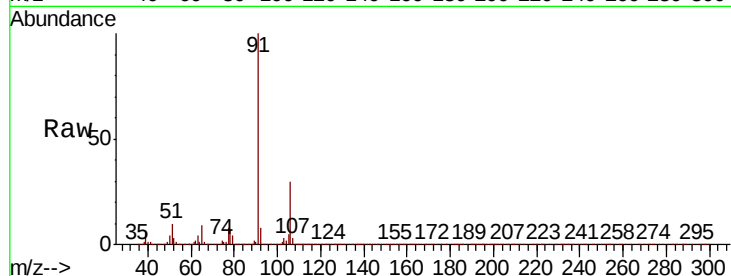
#67
Ethyl Benzene
Concen: 19.937 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion: 91 Resp: 641706
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

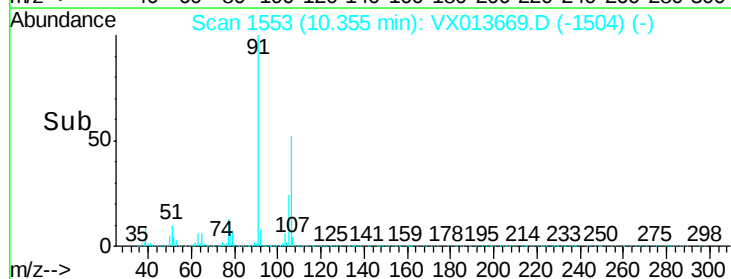
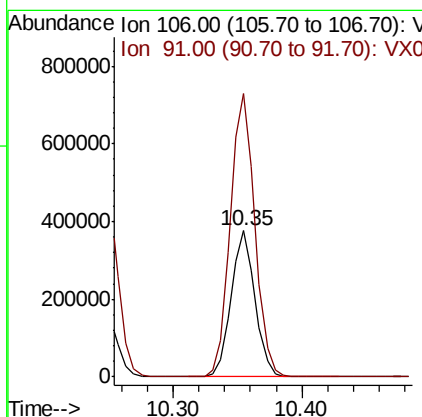
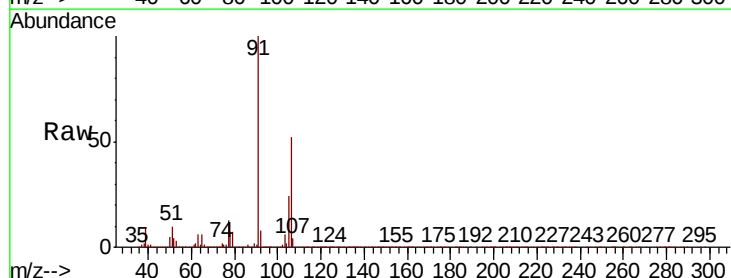
Manual Integrations
APPROVED

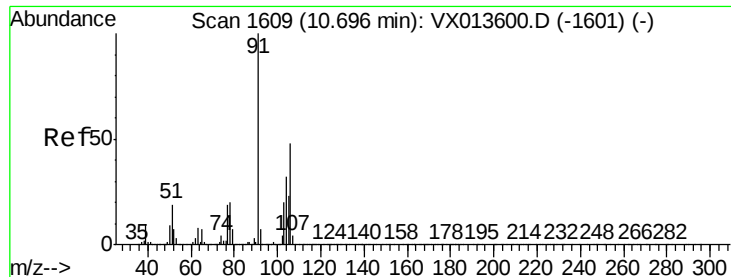
apatel
12/2/2019 3:18:05 PM



#68
m/p-Xylenes
Concen: 39.577 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion: 106 Resp: 487700
Ion Ratio Lower Upper
106 100
91 199.6 159.0 238.4





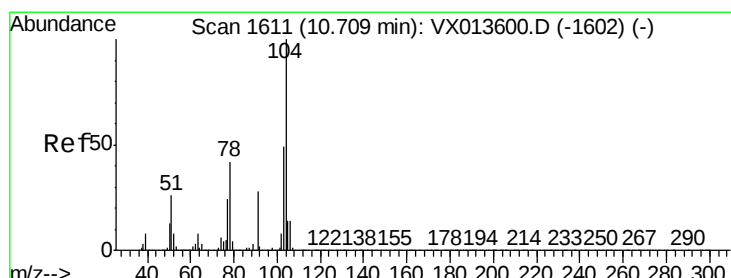
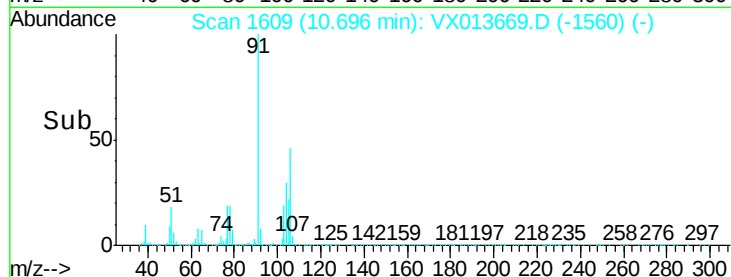
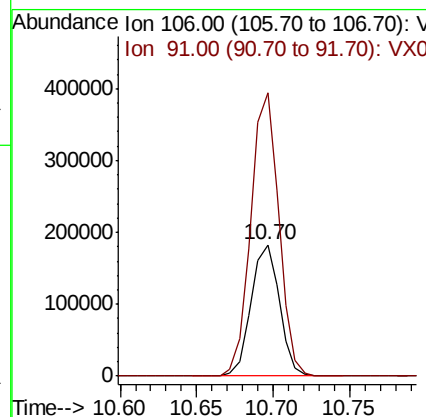
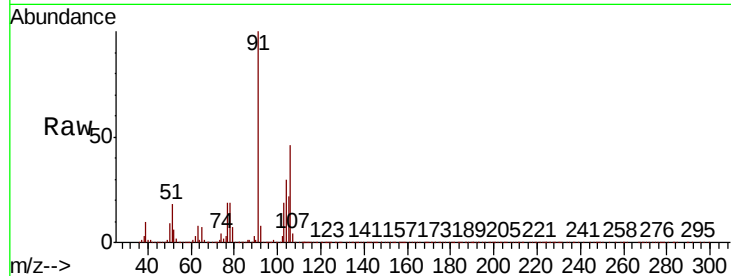
#69
o-Xylene
Concen: 19.628 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.6	104.1	312.2

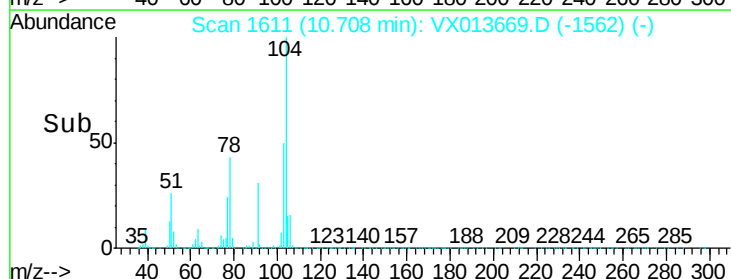
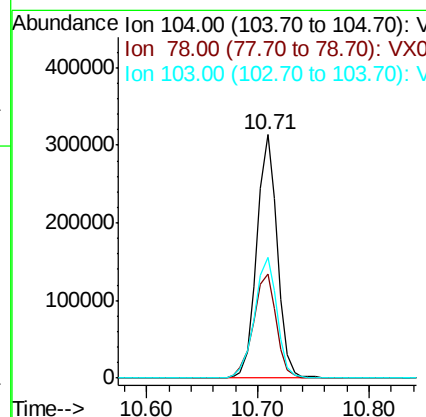
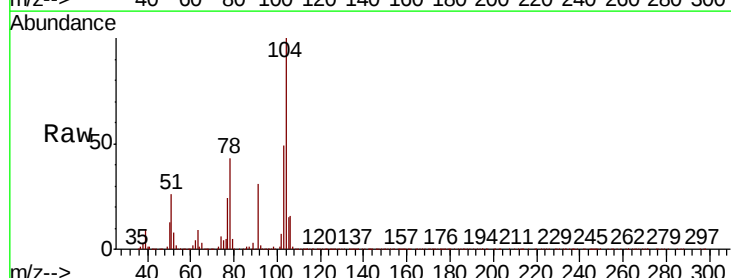
Manual Integrations
APPROVED

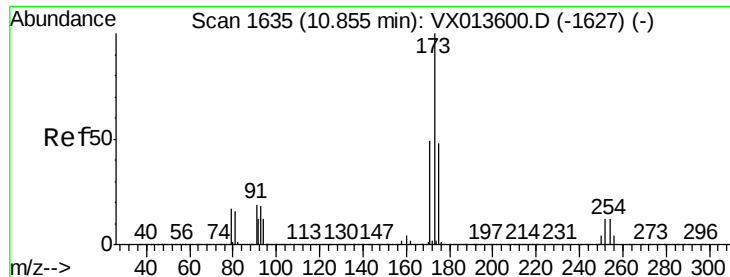
apatel
12/2/2019 3:18:05 PM



#70
Styrene
Concen: 19.839 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.5	57.7
103	54.4	43.7	65.5





#71

Bromoform

Concen: 18.987 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

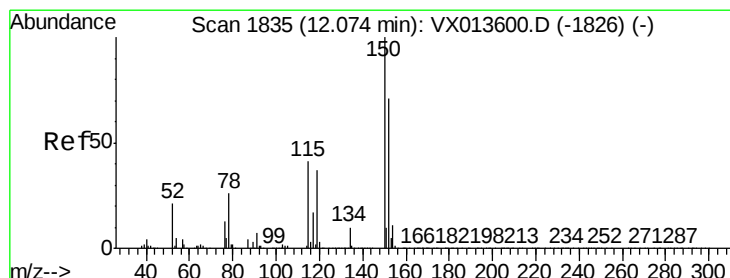
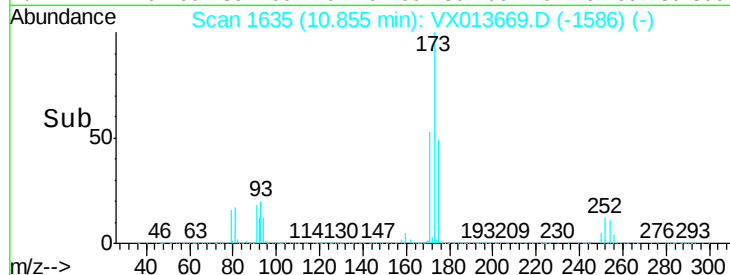
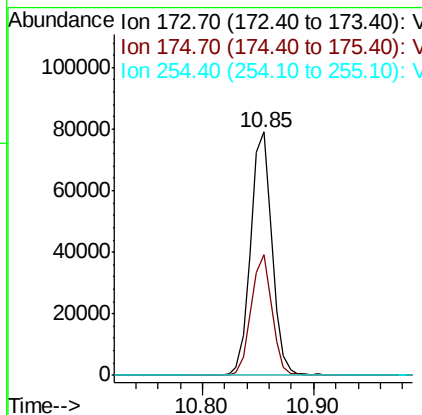
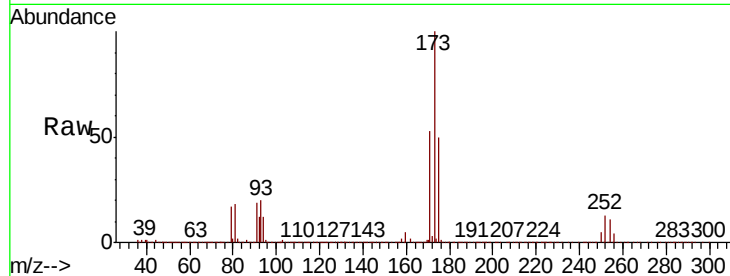
ClientSampled :

VX1127WBS03

Tot Ion	Ratio	Resp	Lower	Upper
173	100	105663		
175	48.8	24.3	72.8	
254	0.5	0.2	0.4	

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

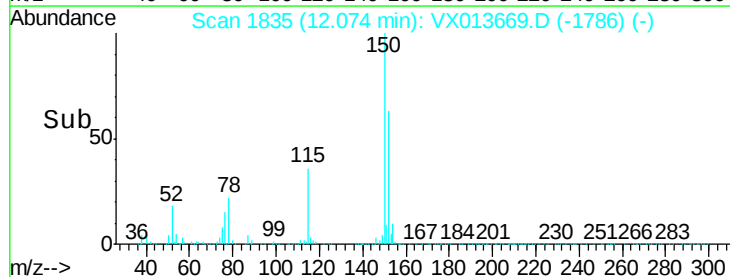
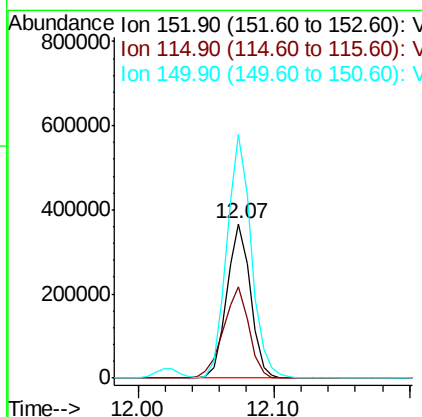
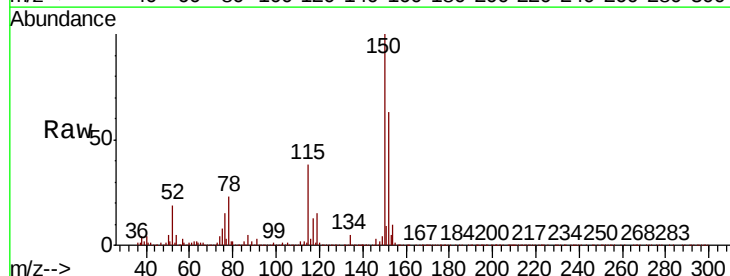
RT: 12.07 min Scan# 1835

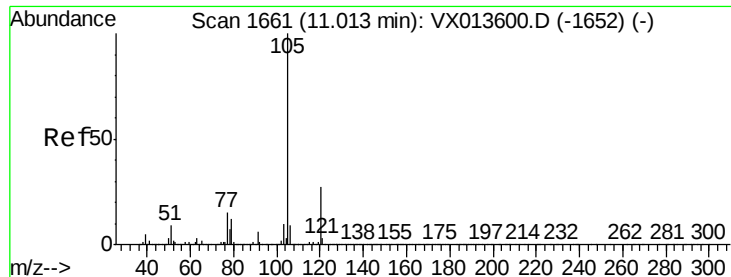
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	441538		
115	64.3	38.4	115.1	
150	162.9	0.0	346.8	





#73

Isopropylbenzene

Concen: 20.265 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 105 Resp: 627647

Ion Ratio Lower Upper

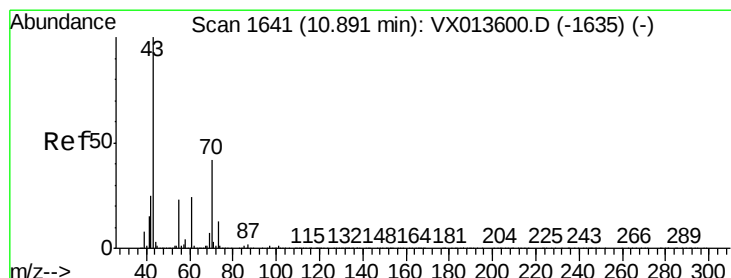
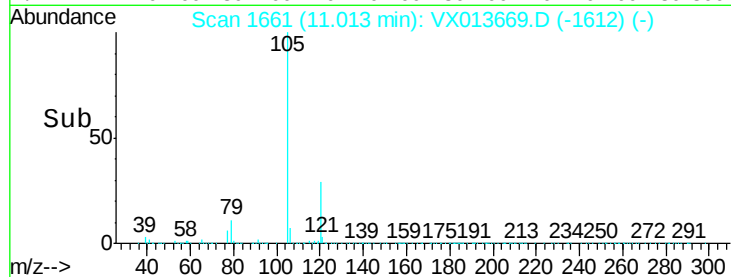
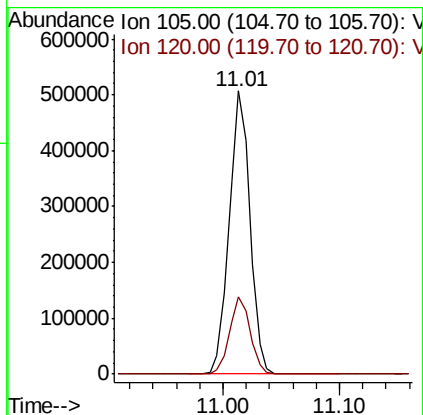
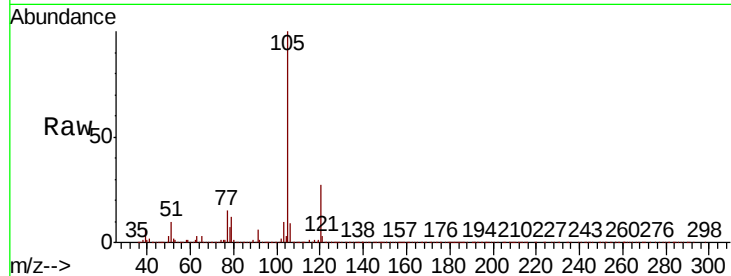
105 100

120 27.2 13.5 40.5

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:05 PM



#74

N-ethyl acetate

Concen: 20.065 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion: 43 Resp: 284679

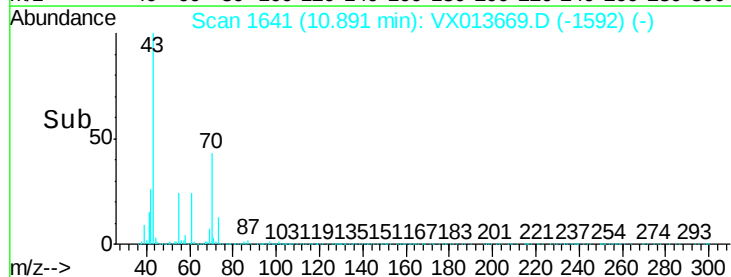
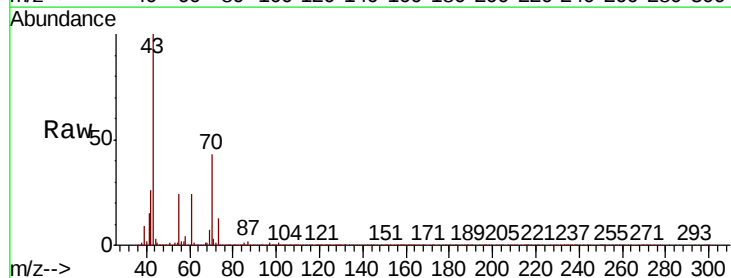
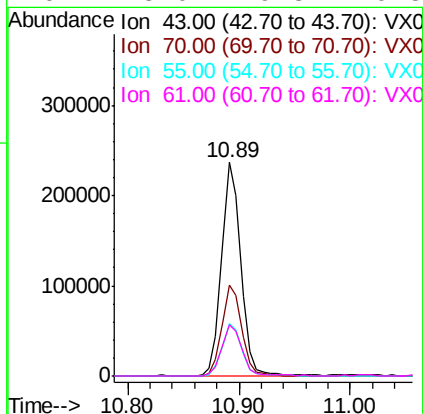
Ion Ratio Lower Upper

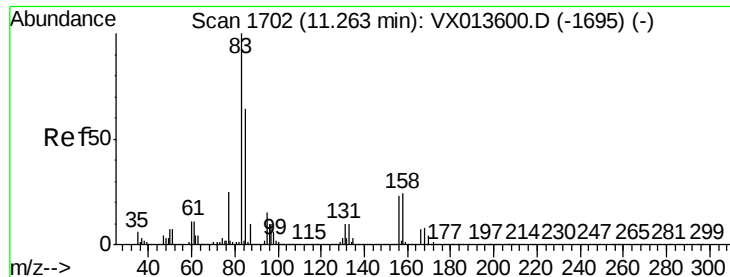
43 100

70 43.4 34.3 51.5

55 24.9 18.5 27.7

61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.784 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

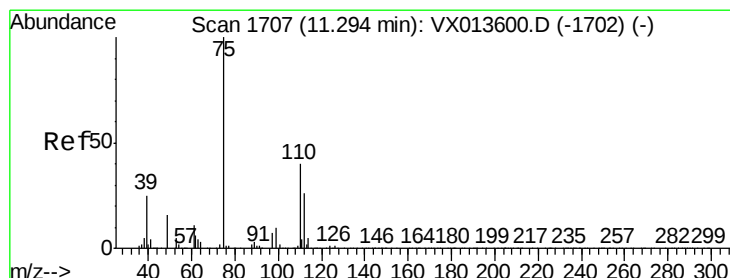
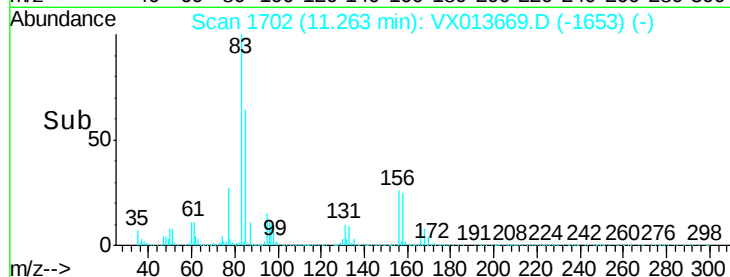
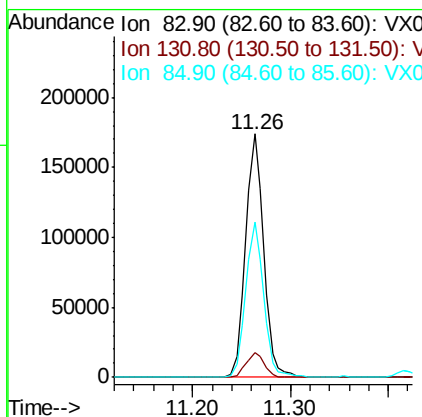
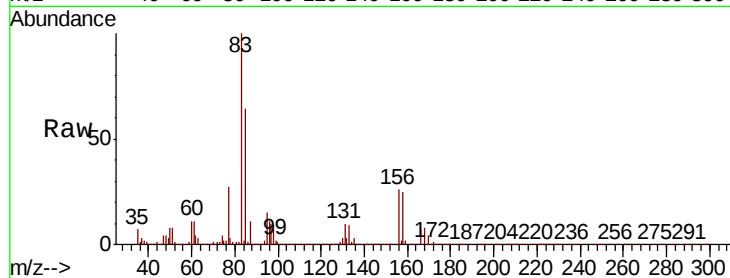
ClientSampleId :

VX1127WBS03

Tot Ion:	83	Resp:	223239
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	63.6	31.8	95.3

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#76

1,2,3-Trichloropropane

Concen: 17.618 ug/l m

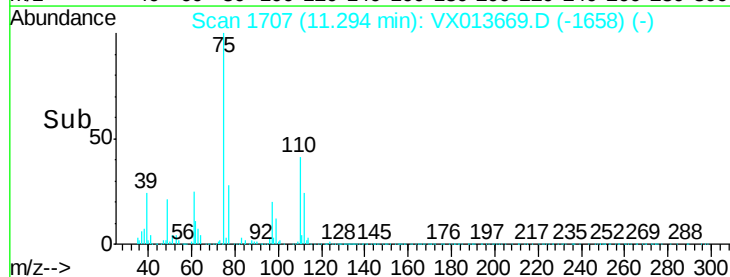
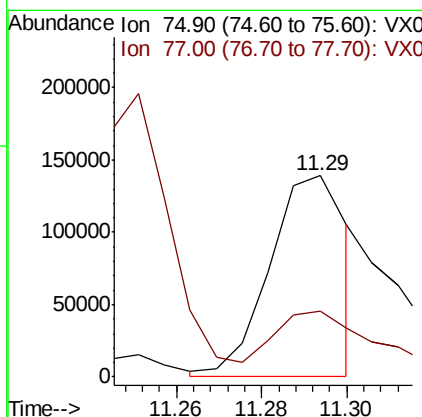
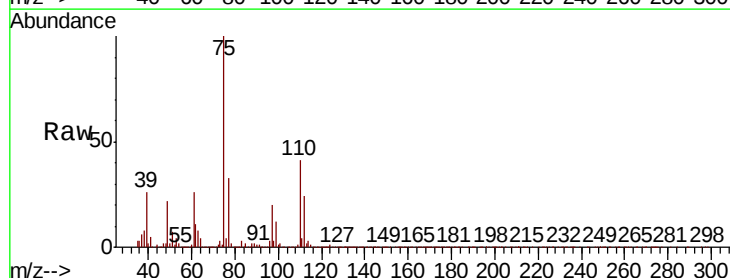
RT: 11.29 min Scan# 1707

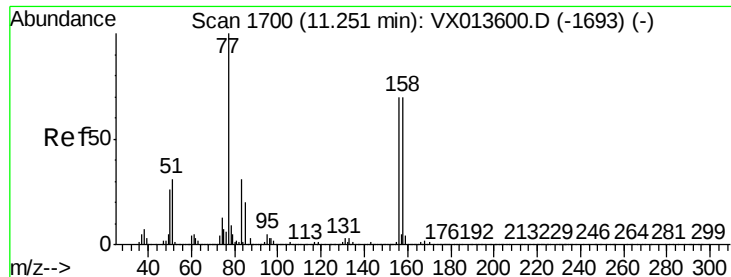
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	75	Resp:	174959
Ion Ratio	Lower	Upper	
75	100		
77	43.2	19.1	57.5





#77

Bromobenzene

Concen: 19.594 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

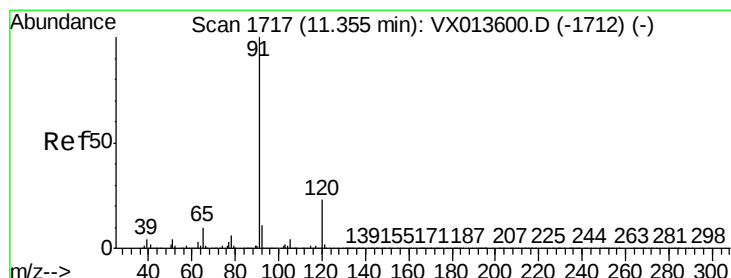
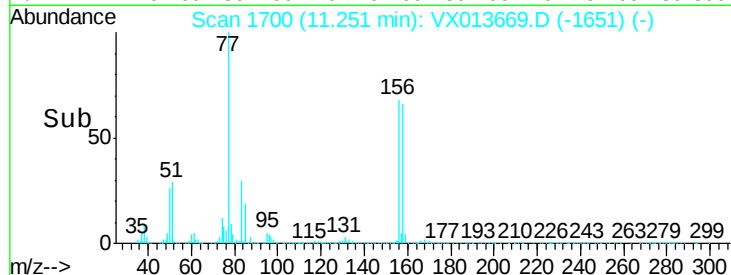
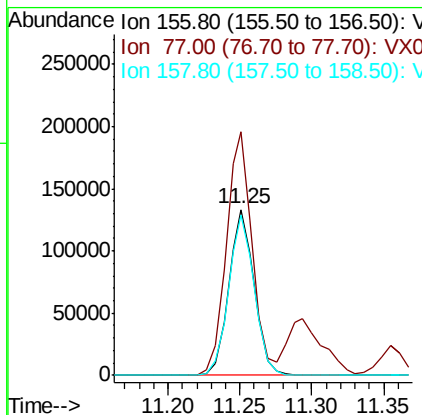
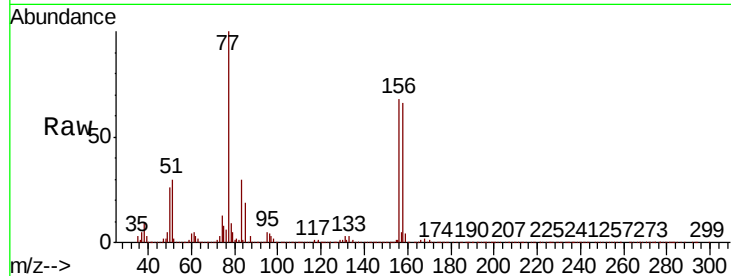
ClientSampled :

VX1127WBS03

Tot Ion:	156	Resp:	163946
Ion Ratio	Lower	Upper	
156	100		
77	150.3	74.4	223.1
158	98.1	48.9	146.6

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#78

n-propylbenzene

Concen: 20.100 ug/l

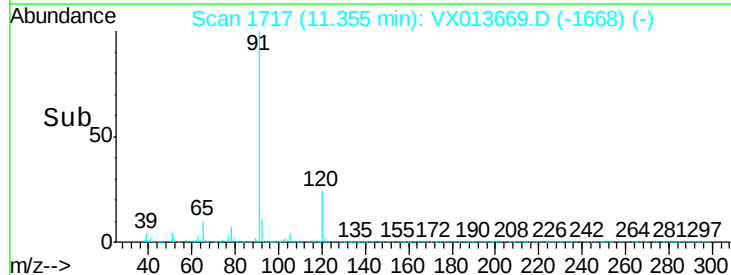
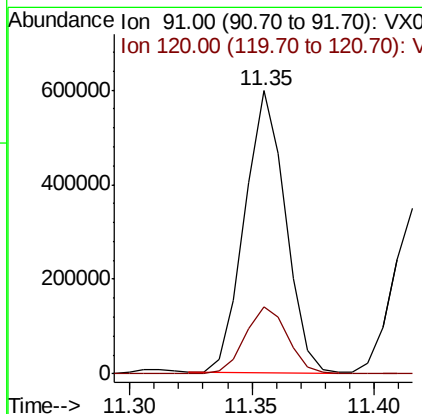
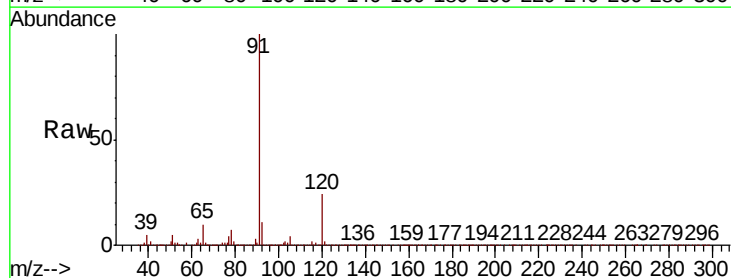
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	91	Resp:	694941
Ion Ratio	Lower	Upper	
91	100		
120	24.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.223 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS03

Tot Ion: 91 Resp: 419430

Ion Ratio Lower Upper

91 100

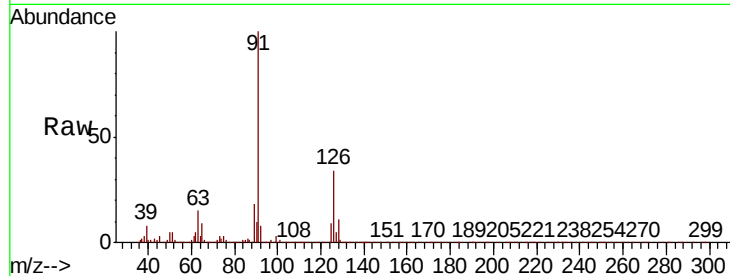
126 34.6 17.5 52.5

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:05 PM



Abundance Ion 91.00 (90.70 to 91.70): VX013669.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013669.D (-1678) (-)

600000

400000

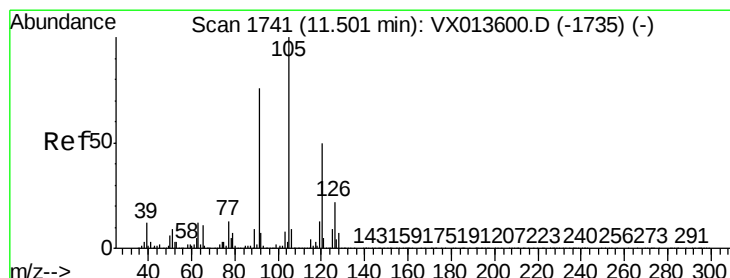
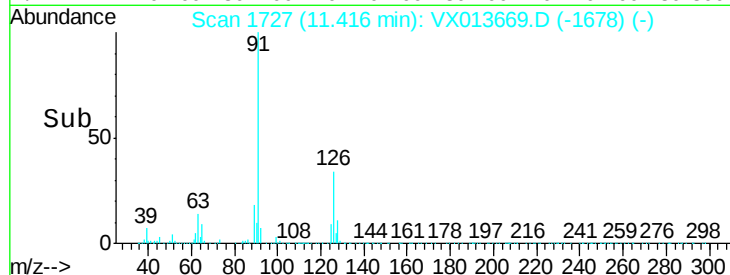
200000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.382 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013669.D

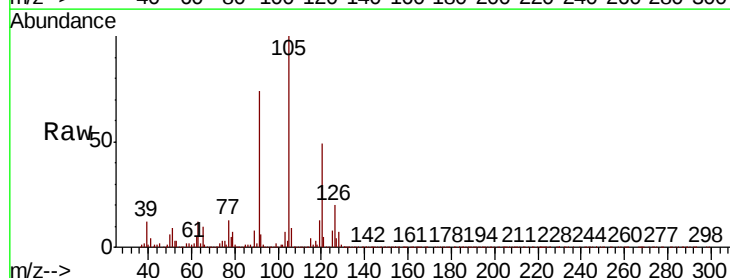
Acq: 27 Nov 2019 22:51

Tgt Ion: 105 Resp: 517377

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013669.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013669.D (-1692) (-)

500000

400000

300000

200000

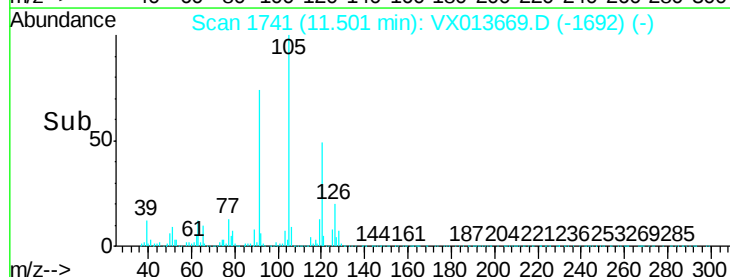
100000

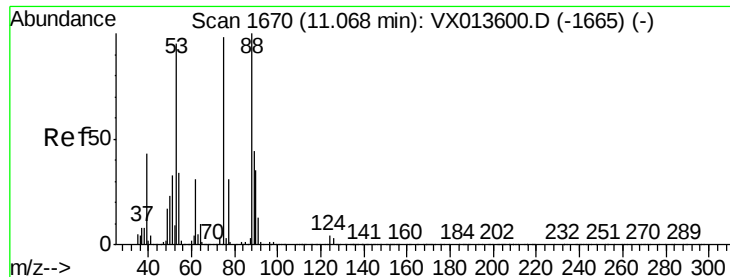
0

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.547 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

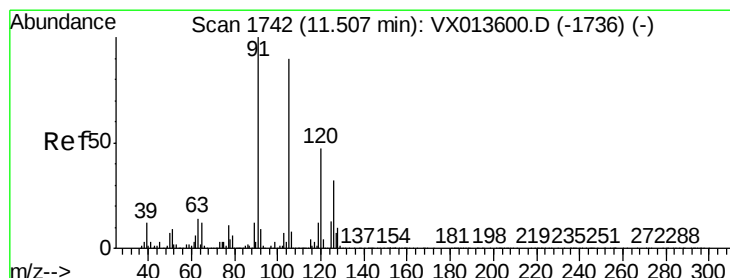
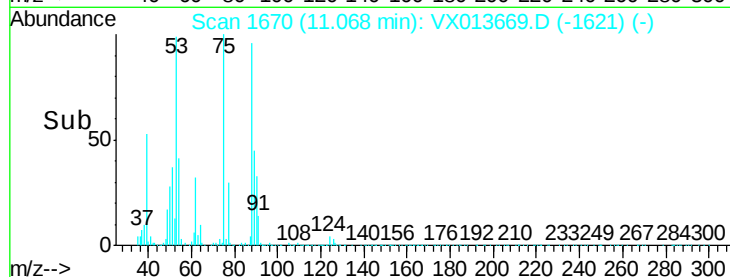
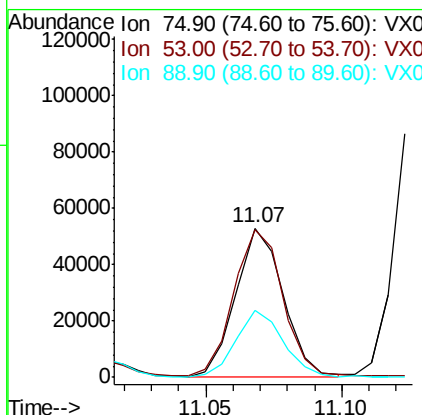
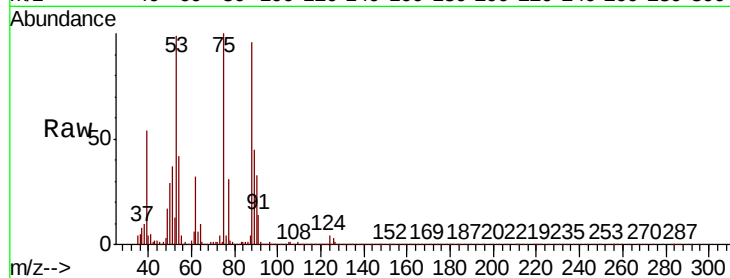
ClientSampleId :

VX1127WBS03

Tot Ion:	75	Resp:	63695
Ion	Ratio	Lower	Upper
75	100		
53	102.1	78.2	117.2
89	45.9	35.4	53.2

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#82

4-Chlorotoluene

Concen: 19.998 ug/l

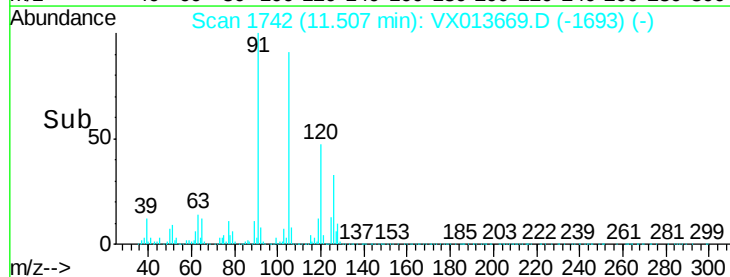
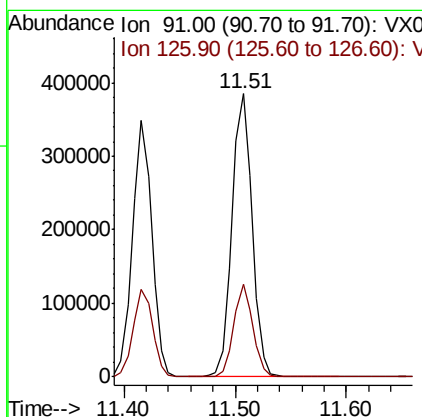
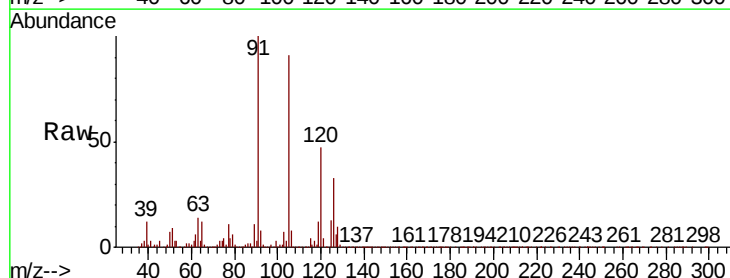
RT: 11.51 min Scan# 1742

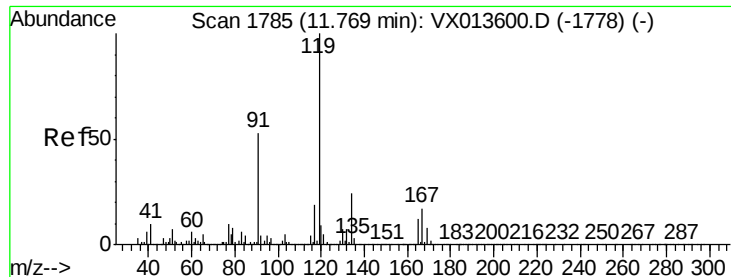
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	91	Resp:	480385
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.0





#83

tert-Butylbenzene

Concen: 20.034 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Instrument :

MSVOA_X

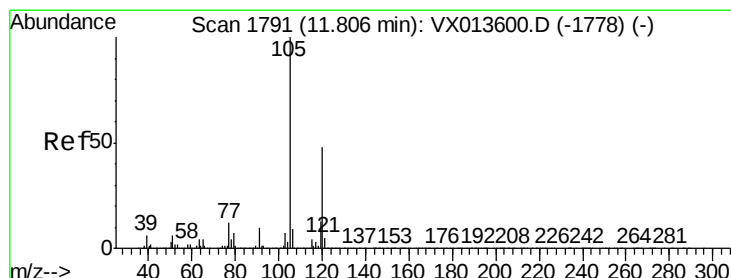
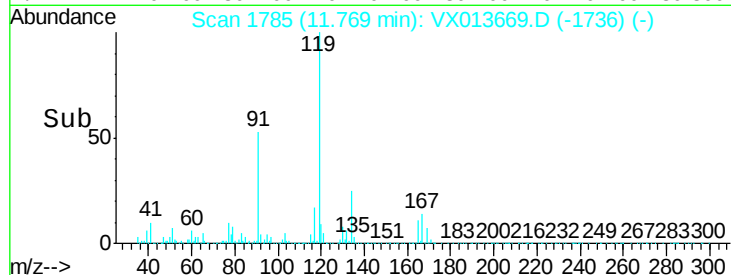
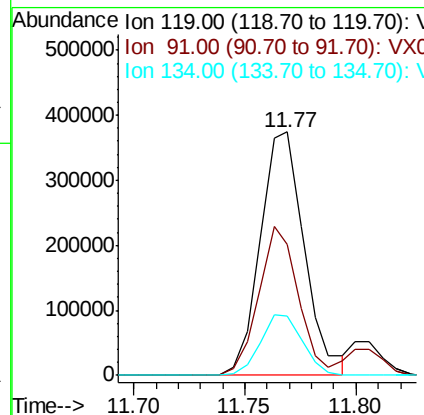
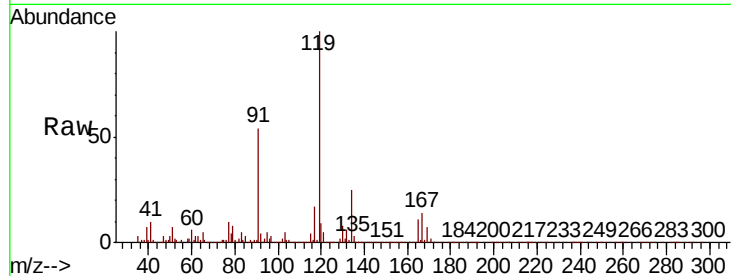
ClientSampled :

VX1127WBS03

Tot Ion:	119	Resp:	516830
Ion Ratio	Lower	Upper	
119	100		
91	54.6	27.2	81.6
134	23.8	11.7	35.1

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#84

1,2,4-Trimethylbenzene

Concen: 20.464 ug/l

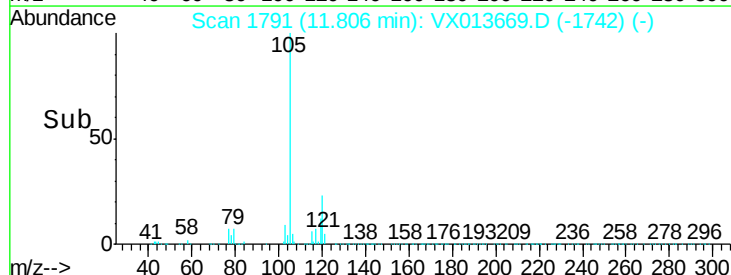
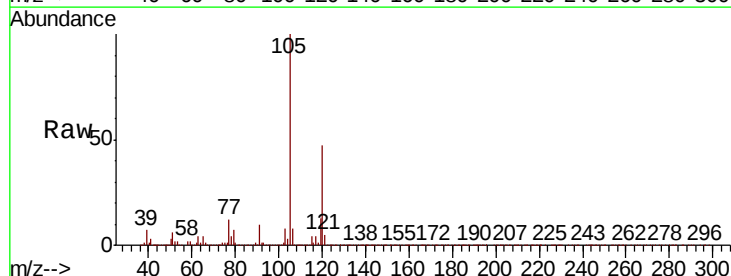
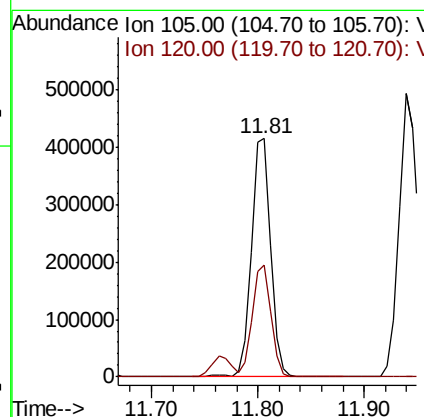
RT: 11.81 min Scan# 1791

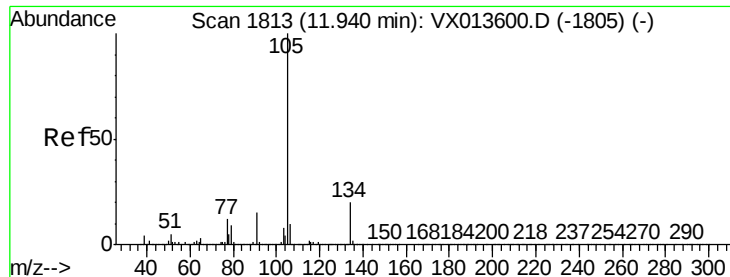
Delta R.T. -0.00 min

Lab File: VX013669.D

Acq: 27 Nov 2019 22:51

Tgt Ion:	105	Resp:	527203
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.1	69.3





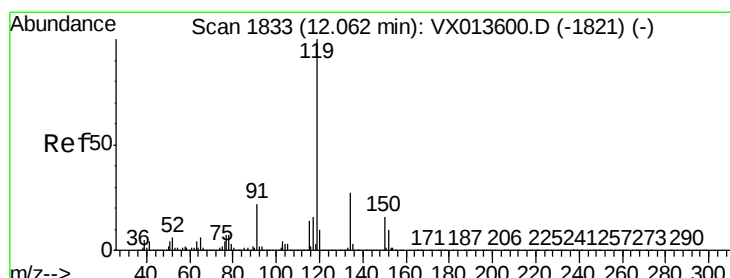
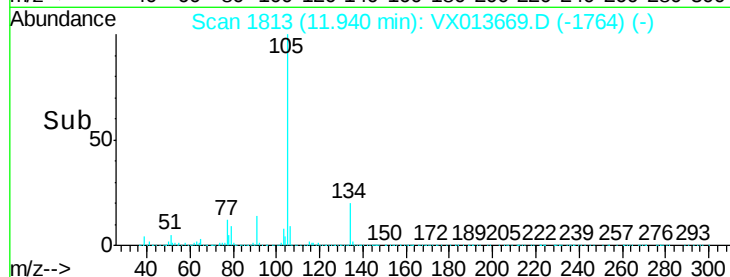
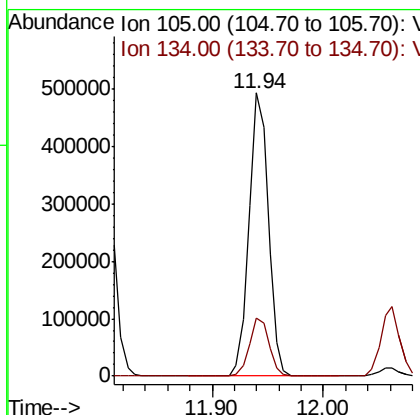
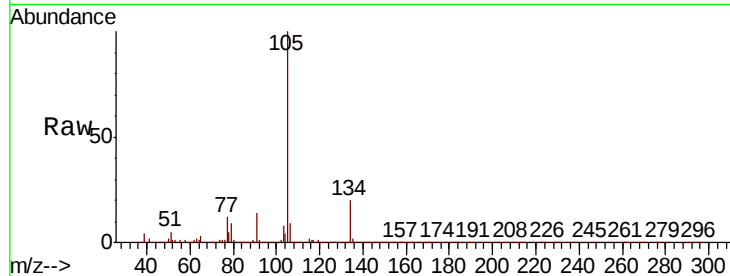
#85
 sec-Butylbenzene
 Concen: 20.242 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

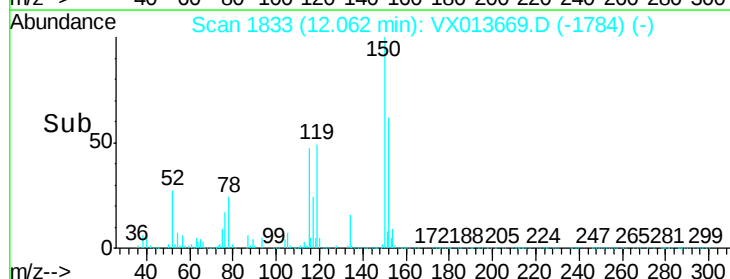
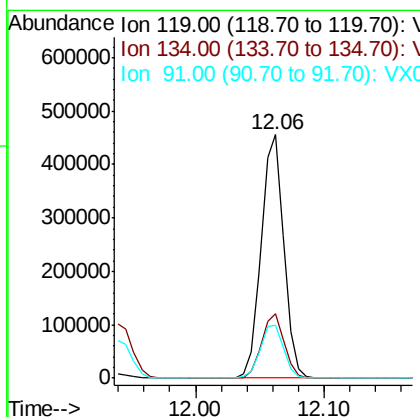
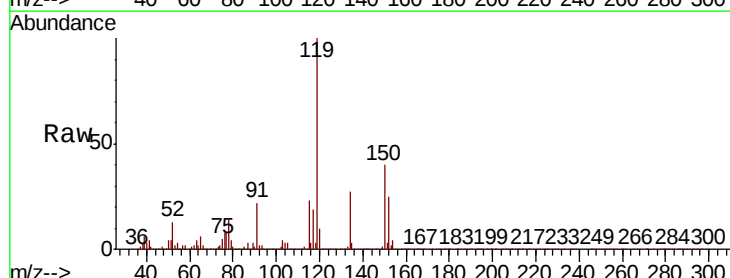
Manual Integrations
 APPROVED

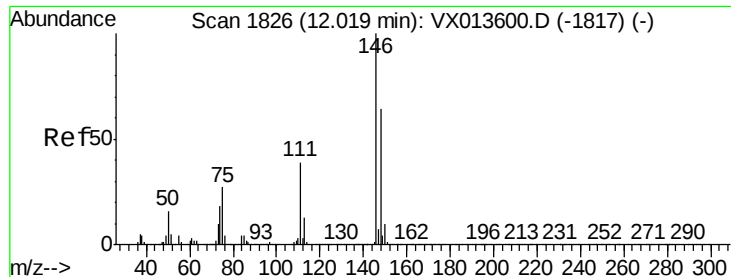
apatel
 12/2/2019 3:18:05 PM



#86
 p-Isopropyltoluene
 Concen: 19.989 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.9
91	22.5	11.3	33.8





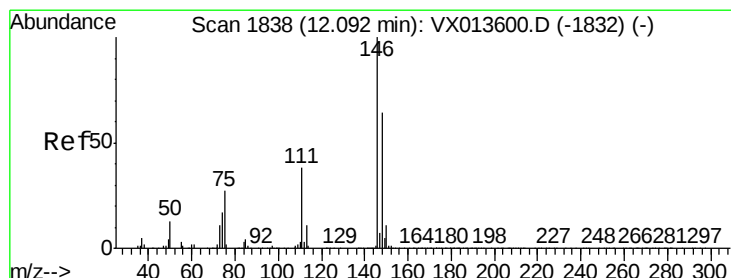
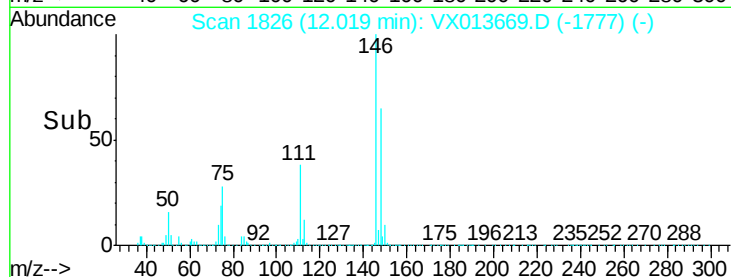
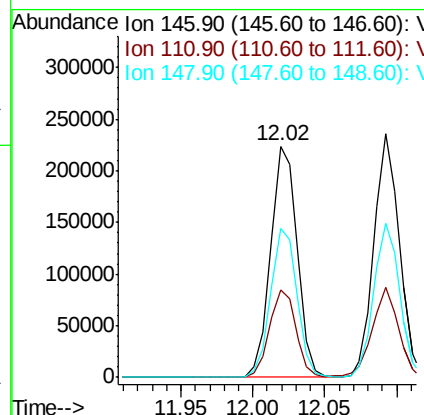
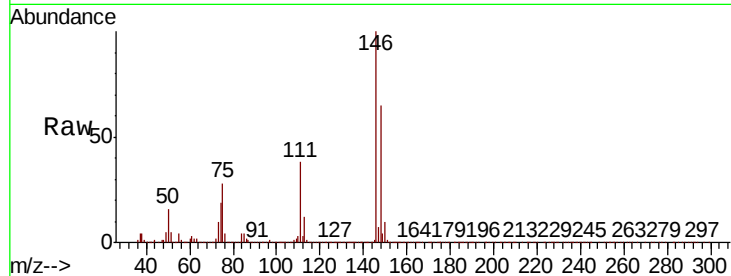
#87
 1,3-Dichlorobenzene
 Concen: 19.493 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	64.5	31.8	95.4

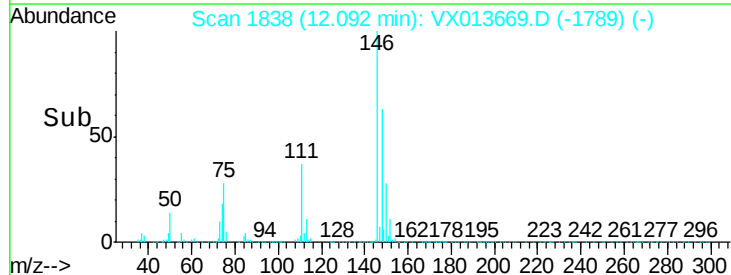
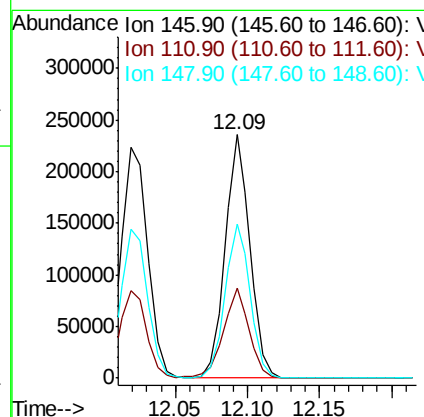
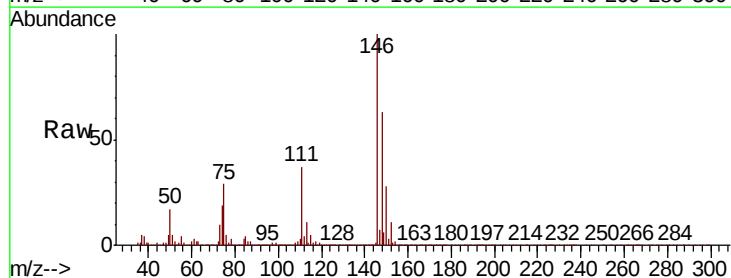
Manual Integrations
 APPROVED

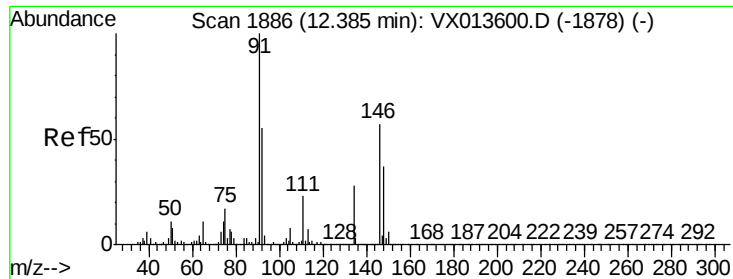
apatel
 12/2/2019 3:18:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.131 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.7	31.9	95.5





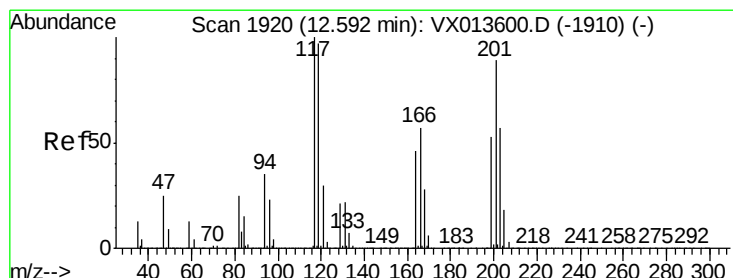
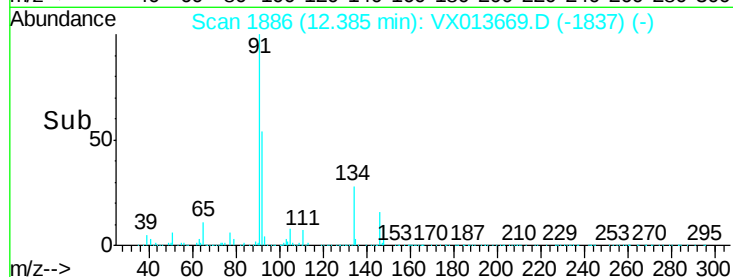
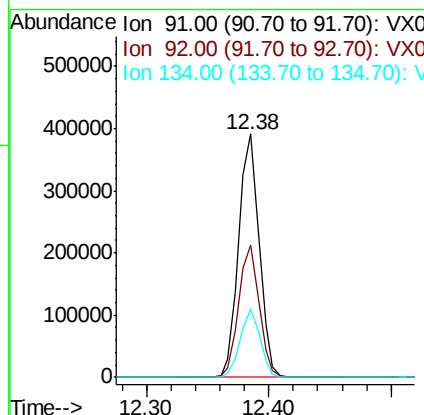
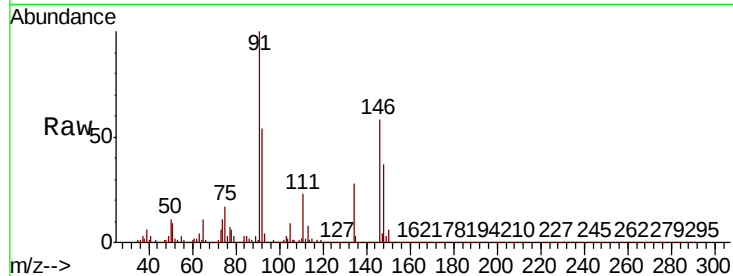
#89
n-Butylbenzene
Concen: 19.256 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampled :
VX1127WBS03

Tot Ion	Ratio	Resp	Lower	Upper
91	100	450221		
92	54.0	27.4	82.2	
134	27.2	13.5	40.4	

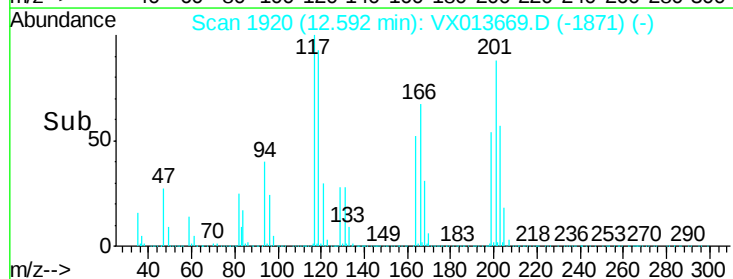
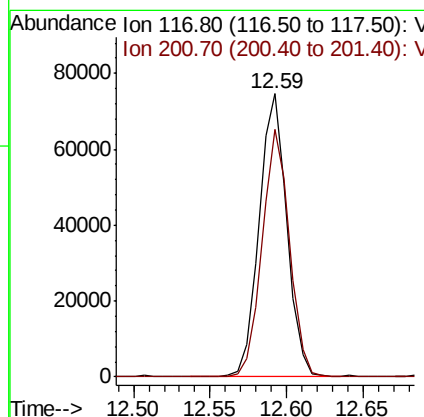
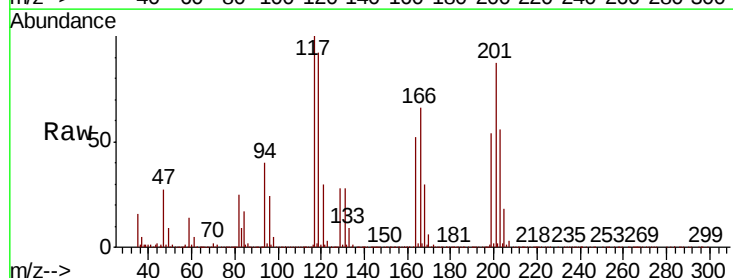
Manual Integrations
APPROVED

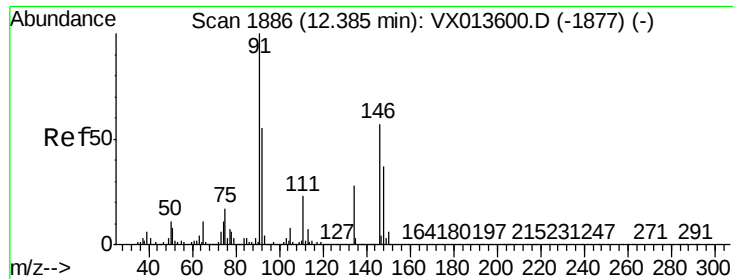
apatel
12/2/2019 3:18:05 PM



#90
Hexachloroethane
Concen: 19.006 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	94173		
201	86.8	44.1	132.4	





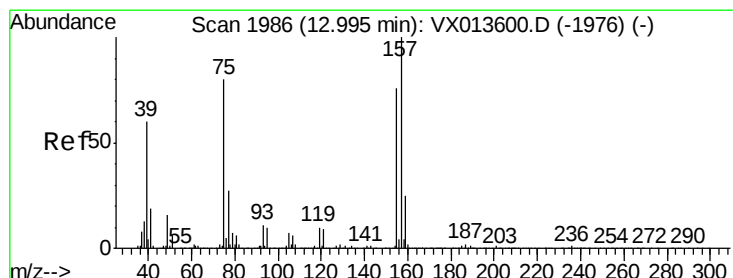
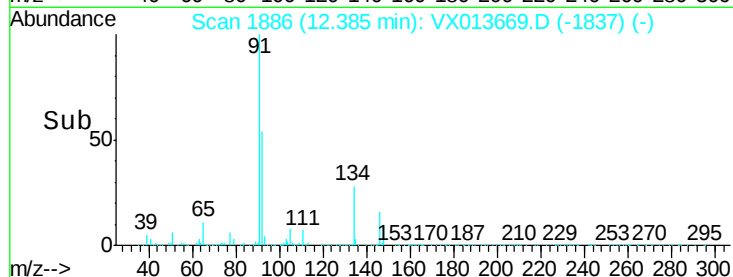
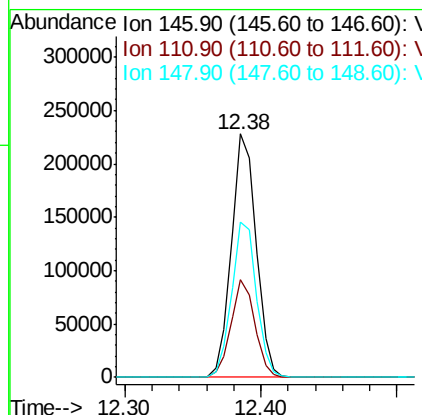
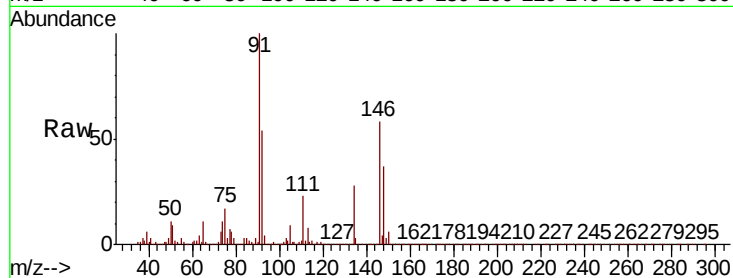
#91
 1,2-Dichlorobenzene
 Concen: 19.974 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	64.4	31.9	95.7

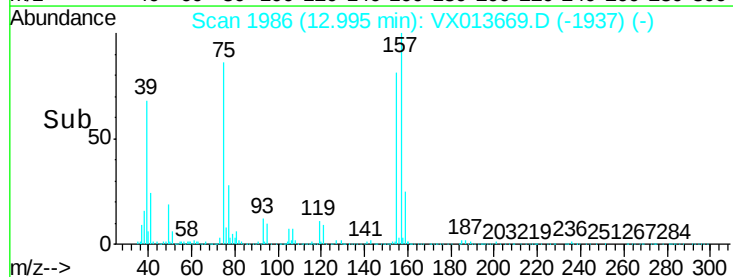
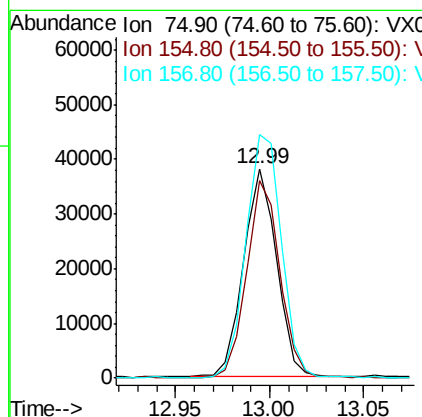
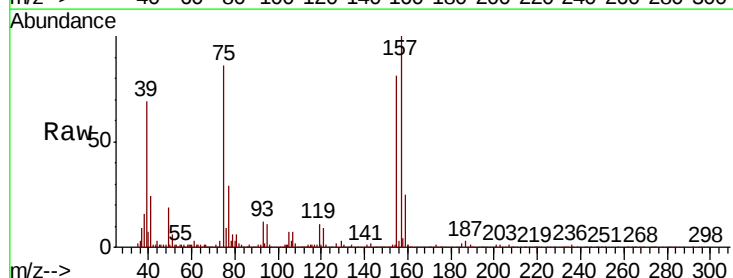
Manual Integrations
 APPROVED

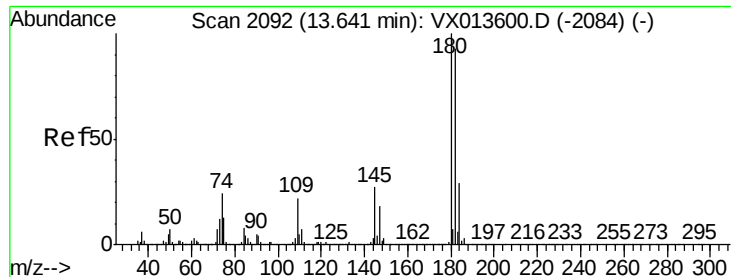
apatel
 12/2/2019 3:18:05 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.880 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	47.6	142.8
157	126.6	62.1	186.2





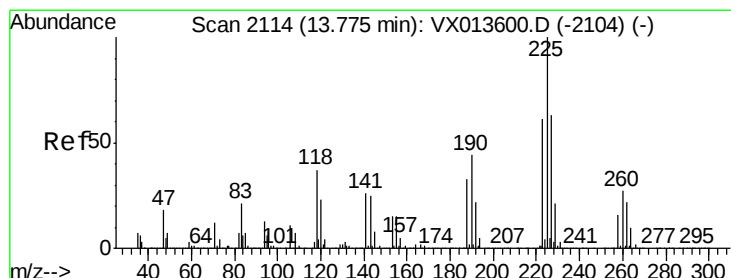
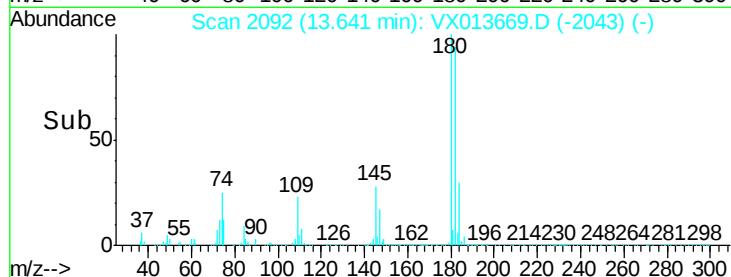
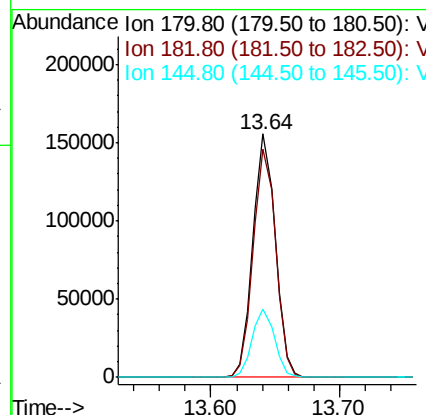
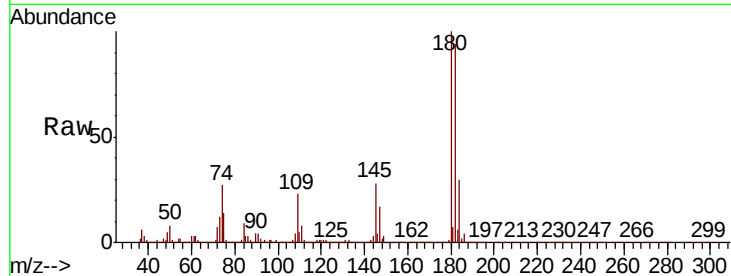
#93
 1,2,4-Trichlorobenzene
 Concen: 18.542 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	186229		
182	94.0	47.2	141.6	
145	28.1	13.8	41.4	

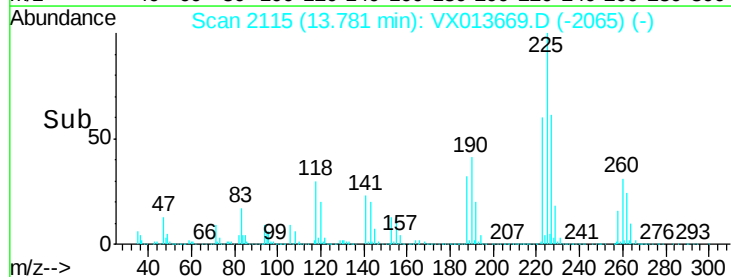
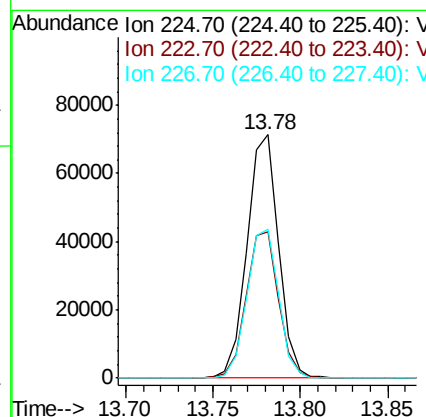
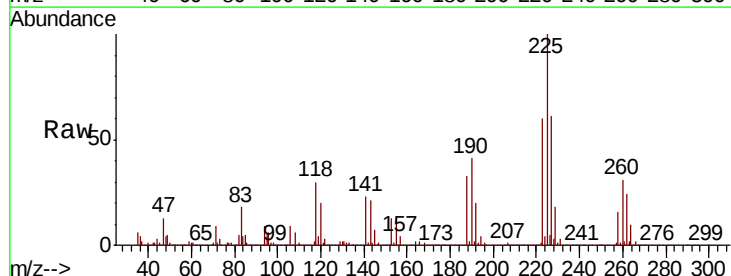
Manual Integrations
 APPROVED

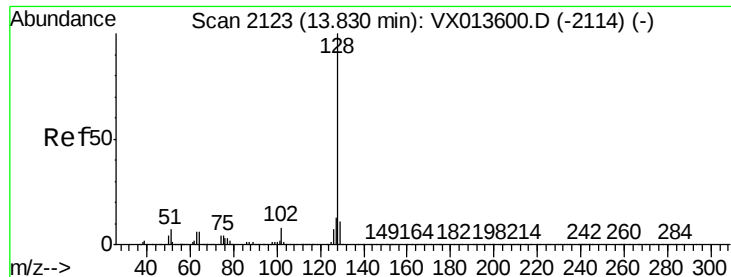
apatel
 12/2/2019 3:18:05 PM



#94
 Hexachlorobutadiene
 Concen: 18.478 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013669.D
 Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89150		
223	62.5	31.9	95.5	
227	62.2	32.1	96.3	





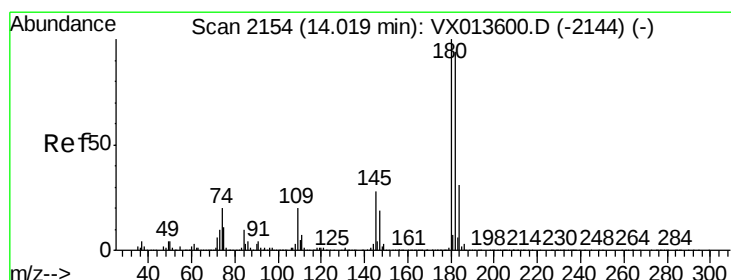
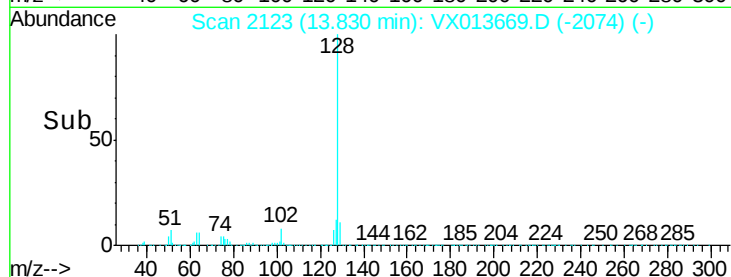
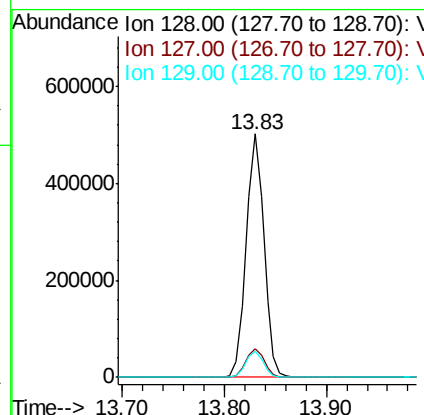
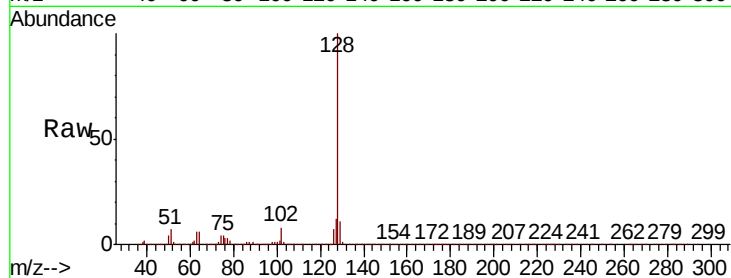
#95
Naphthalene
Concen: 20.215 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS03

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/2/2019 3:18:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.153 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013669.D
Acq: 27 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	30.6	15.0	45.0

