

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013670.D
 Acq On : 27 Nov 2019 23:14
 Operator : JC/SP
 Sample : VX1127WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 04:43:07 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	631572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	974138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	367552	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.49	113	302489	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	1137953	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.14	95	402039	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	136917	19.477	ug/l	100
3) Chloromethane	1.32	50	161884	20.523	ug/l	98
4) Vinyl Chloride	1.40	62	181982	20.498	ug/l	98
5) Bromomethane	1.63	94	108004	18.115	ug/l	99
6) Chloroethane	1.72	64	101435	20.078	ug/l	99
7) Trichlorofluoromethane	1.92	101	190064	19.280	ug/l	100
8) Diethyl Ether	2.18	74	92163	20.665	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112073	18.612	ug/l	99
10) Methyl Iodide	2.50	142	125688	17.255	ug/l	100
11) Tert butyl alcohol	3.03	59	177431	98.052	ug/l	97
12) 1,1-Dichloroethene	2.36	96	117573	19.561	ug/l	100
13) Acrolein	2.28	56	105122	90.782	ug/l	96
14) Allyl chloride	2.72	41	208639	19.128	ug/l	100
15) Acrylonitrile	3.13	53	395081	105.771	ug/l	98
16) Acetone	2.43	43	337962	93.373	ug/l	98
17) Carbon Disulfide	2.56	76	307429	17.943	ug/l	100
18) Methyl Acetate	2.76	43	223533	22.178	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	407160	20.449	ug/l	100
20) Methylene Chloride	2.85	84	142429	20.483	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	124074	18.949	ug/l	98
22) Diisopropyl ether	3.84	45	433573	20.644	ug/l	93
23) Vinyl Acetate	3.80	43	1777485	101.732	ug/l	99
24) 1,1-Dichloroethane	3.69	63	232362	20.238	ug/l	97
25) 2-Butanone	4.66	43	549255	102.107	ug/l	100
26) 2,2-Dichloropropane	4.58	77	153084	16.115	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	145651	19.370	ug/l	99
28) Bromochloromethane	5.00	49	95855	21.119	ug/l	99
29) Tetrahydrofuran	5.12	42	356068	107.375	ug/l	99
30) Chloroform	5.20	83	224072	19.243	ug/l	98
31) Cyclohexane	5.58	56	196099	18.108	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	185047	19.017	ug/l	99
36) 1,1-Dichloropropene	5.79	75	163806	18.524	ug/l	99
37) Ethyl Acetate	4.82	43	210658	21.235	ug/l	99
38) Carbon Tetrachloride	5.78	117	155812	19.109	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013670.D
 Acq On : 27 Nov 2019 23:14
 Operator : JC/SP
 Sample : VX1127WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX1127WBSD03

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 04:43:07 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	194625	17.806	ug/l	99
40) Benzene	6.14	78	524760	19.485	ug/l	98
41) Methacrylonitrile	5.03	41	112383	20.657	ug/l	98
42) 1,2-Dichloroethane	6.18	62	183571	19.986	ug/l	100
43) Isopropyl Acetate	6.43	43	327520	20.054	ug/l	100
44) Trichloroethene	7.21	130	133766	18.097	ug/l	99
45) 1,2-Dichloropropane	7.51	63	134654	19.983	ug/l	96
46) Dibromomethane	7.65	93	89590	19.576	ug/l	100
47) Bromodichloromethane	7.89	83	168169	19.438	ug/l	96
48) Methyl methacrylate	7.76	41	165082	20.804	ug/l	99
49) 1,4-Dioxane	7.73	88	69454	391.024	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1068949	104.053	ug/l	100
52) Toluene	8.78	92	326198	19.496	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	181616	18.442	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	204545	19.012	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	134641	19.969	ug/l	95
56) Ethyl methacrylate	9.17	69	219350	20.235	ug/l	98
57) 1,3-Dichloropropane	9.37	76	229983	19.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	426673	100.391	ug/l	100
59) 2-Hexanone	9.49	43	819560	102.289	ug/l	99
60) Dibromochloromethane	9.58	129	135627	19.383	ug/l	99
61) 1,2-Dibromoethane	9.67	107	144641	20.086	ug/l	96
64) Tetrachloroethene	9.33	164	123955	18.971	ug/l	99
65) Chlorobenzene	10.14	112	349529	19.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	128638	19.693	ug/l	99
67) Ethyl Benzene	10.24	91	598629	19.150	ug/l	100
68) m/p-Xylenes	10.35	106	449565	37.564	ug/l	98
69) o-Xylene	10.70	106	225670	19.334	ug/l	99
70) Styrene	10.71	104	373514	19.023	ug/l	99
71) Bromoform	10.85	173	102101	18.890	ug/l #	99
73) Isopropylbenzene	11.01	105	582077	19.836	ug/l	98
74) N-amyl acetate	10.89	43	275860	20.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	217591	21.382	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	164903m	17.526	ug/l	
77) Bromobenzene	11.25	156	156004	19.679	ug/l	100
78) n-propylbenzene	11.35	91	648281	19.791	ug/l	99
79) 2-Chlorotoluene	11.42	91	389372	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	483207	20.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60383	17.558	ug/l	95
82) 4-Chlorotoluene	11.51	91	448221	19.694	ug/l	97
83) tert-Butylbenzene	11.77	119	481072	19.682	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	489314	20.047	ug/l	99
85) sec-Butylbenzene	11.94	105	550181	19.707	ug/l	100
86) p-Isopropyltoluene	12.06	119	501385	19.305	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	265027	19.179	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	268491	19.075	ug/l	99
89) n-Butylbenzene	12.38	91	416405	18.798	ug/l	99
90) Hexachloroethane	12.59	117	85651	18.245	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	272370	19.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45211	20.402	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013670.D
Acq On : 27 Nov 2019 23:14
Operator : JC/SP
Sample : VX1127WBSD03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

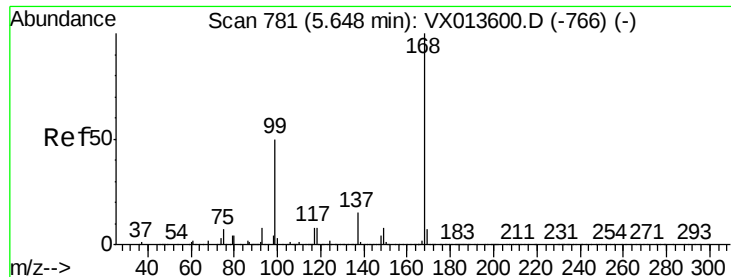
Manual Integrations
APPROVED

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

Quant Time: Nov 28 04:43:07 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	175644	18.459	ug/l	99
94) Hexachlorobutadiene	13.78	225	82596	18.069	ug/l	99
95) Naphthalene	13.83	128	571819	20.179	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	179731	19.077	ug/l	99

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



#1

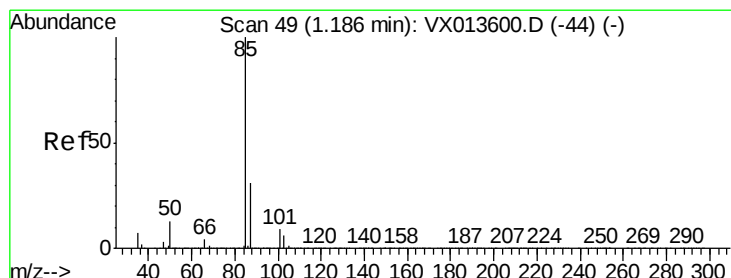
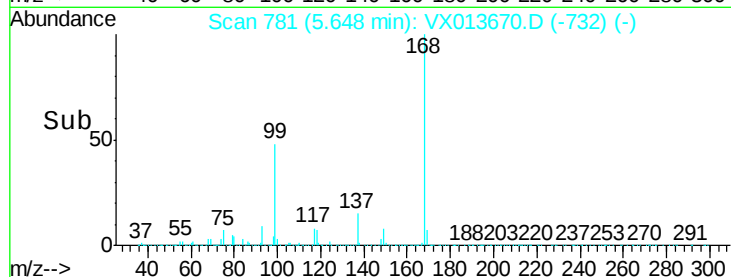
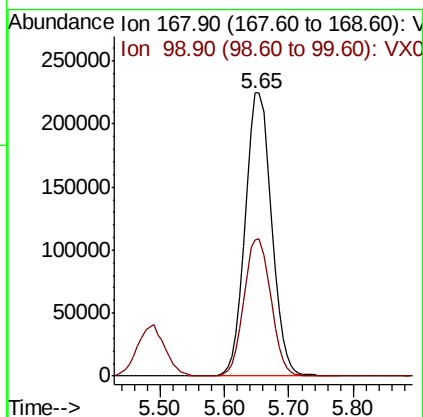
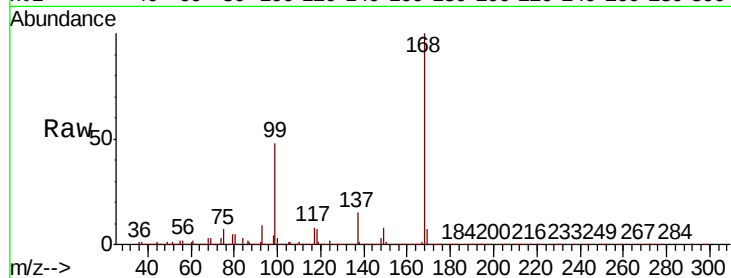
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.9	39.8	59.8

Manual Integrations
 APPROVED

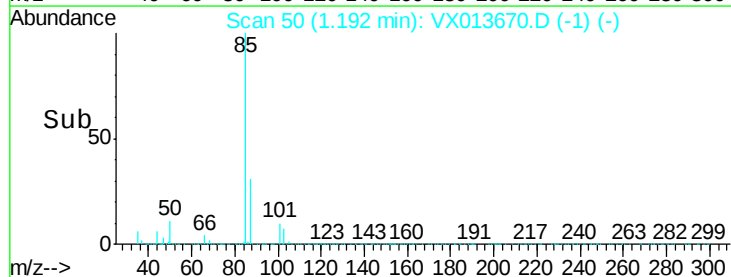
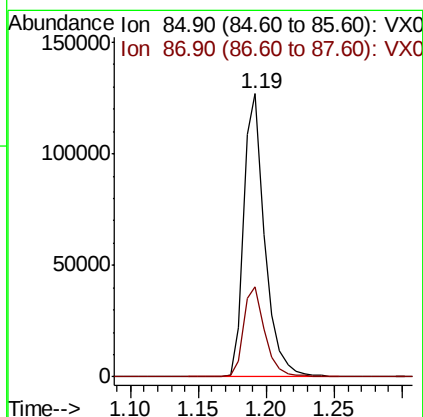
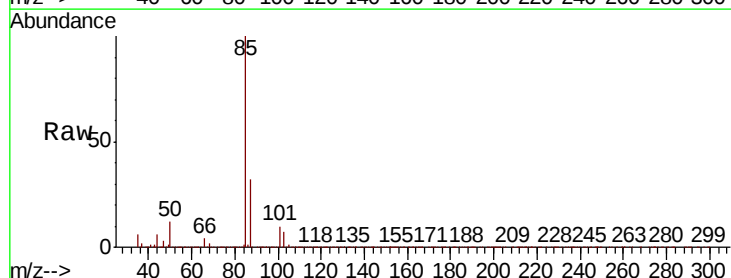
apatel
 12/2/2019 3:18:12 PM

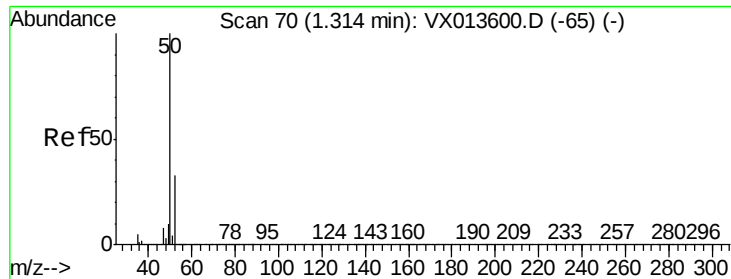


#2

Dichlorodifluoromethane
 Concen: 19.477 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.7	47.1





#3

Chloromethane

Concen: 20.523 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 50 Resp: 161884

Ion Ratio Lower Upper

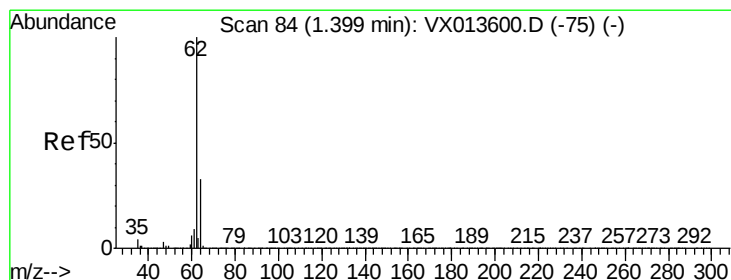
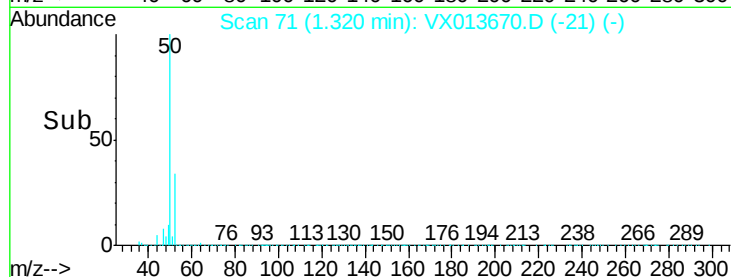
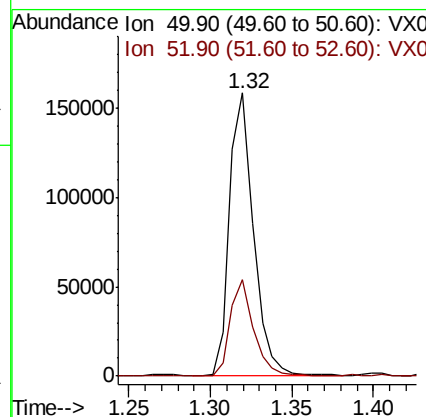
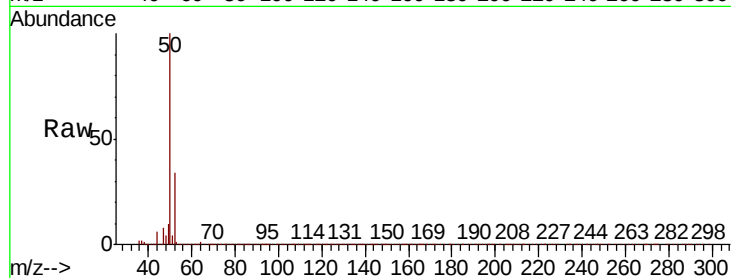
50 100

52 33.9 26.0 39.0

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:12 PM



#4

Vinyl Chloride

Concen: 20.498 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013670.D

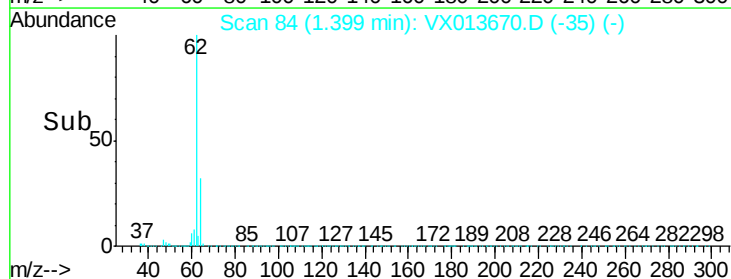
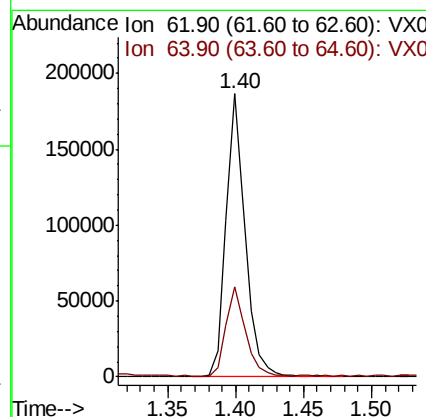
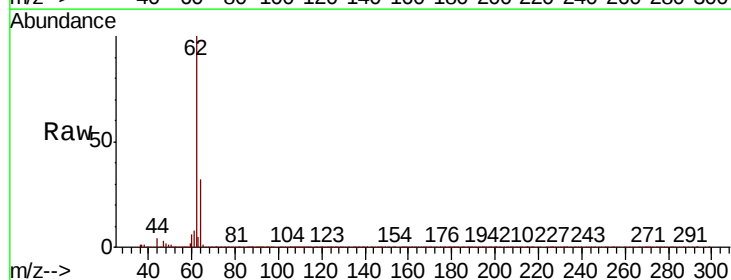
Acq: 27 Nov 2019 23:14

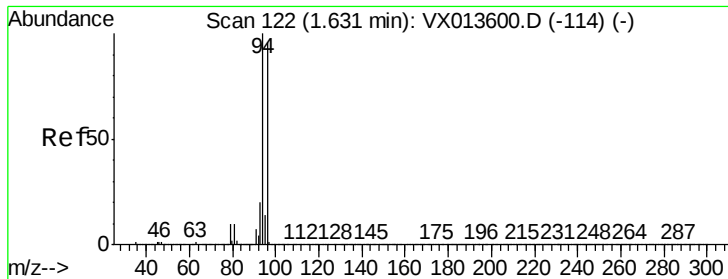
Tgt Ion: 62 Resp: 181982

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 18.115 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 94 Resp: 108004

Ion Ratio Lower Upper

94 100

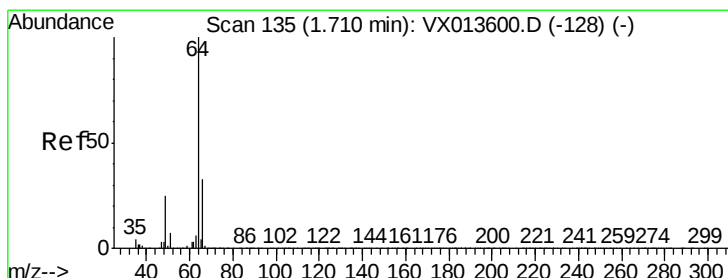
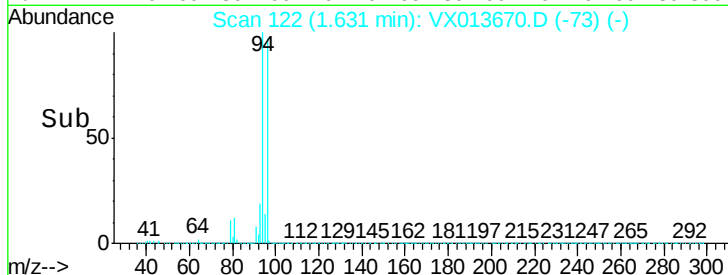
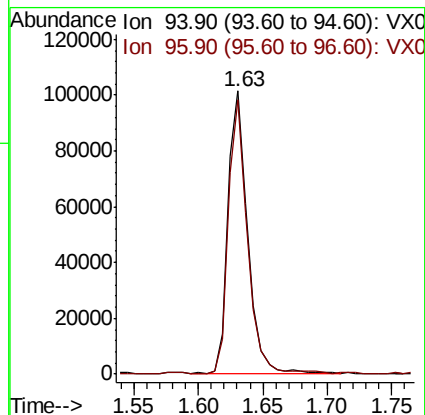
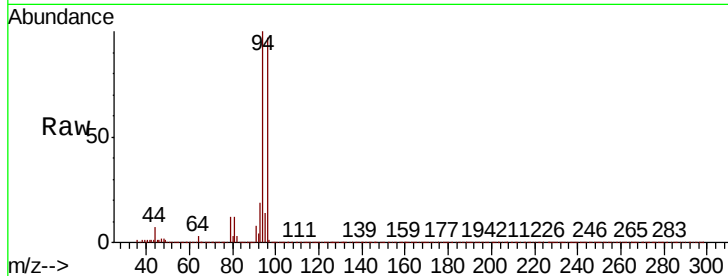
96 96.9 77.0 115.4

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:12 PM



#6

Chloroethane

Concen: 20.078 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013670.D

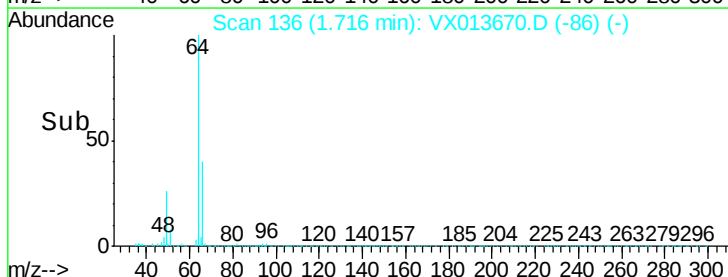
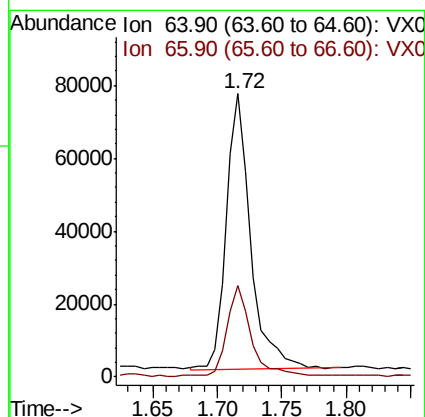
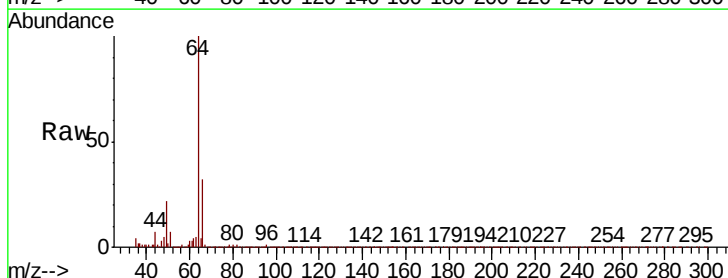
Acq: 27 Nov 2019 23:14

Tgt Ion: 64 Resp: 101435

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1





#7

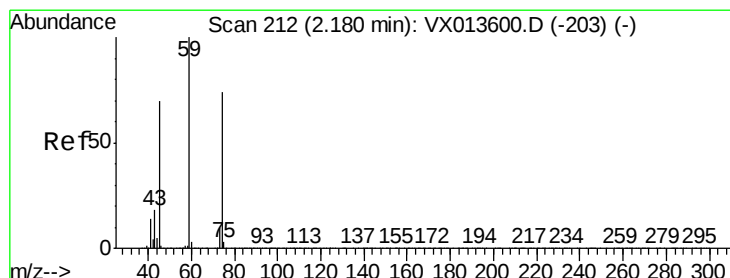
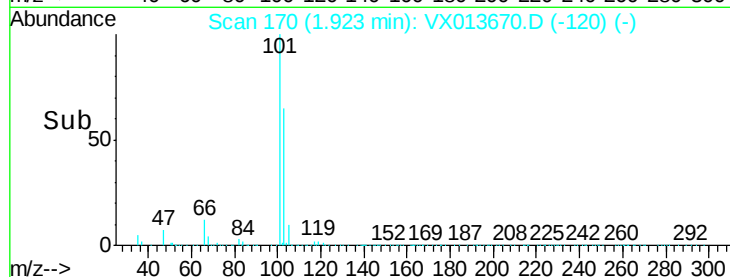
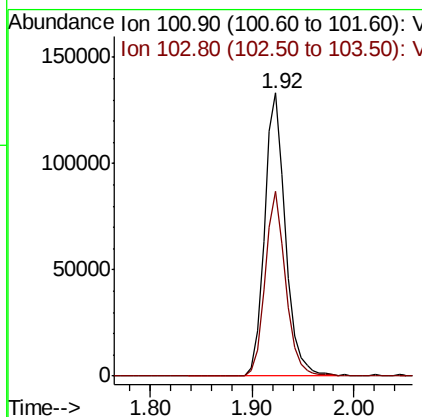
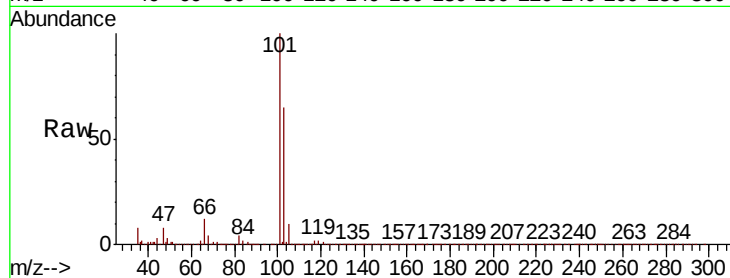
Trichlorofluoromethane
Concen: 19.280 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
101	100	190064		
103	65.1	51.8	77.6	

Manual Integrations
APPROVED

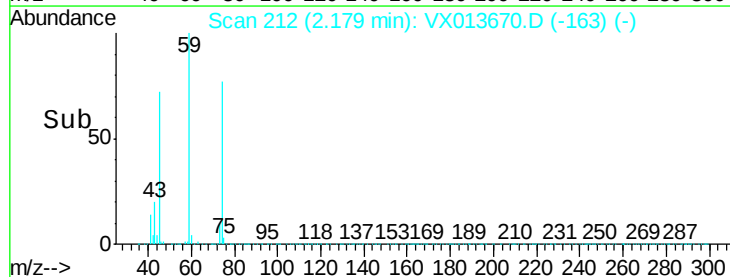
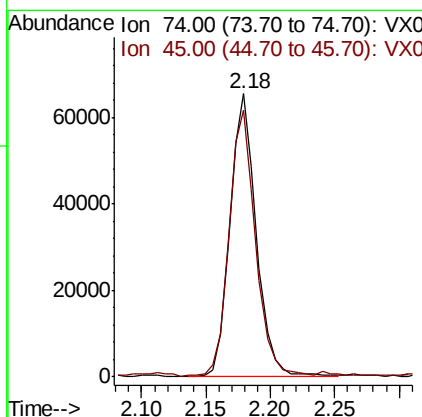
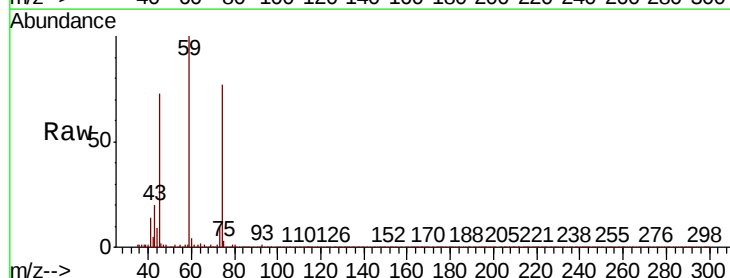
apatel
12/2/2019 3:18:12 PM

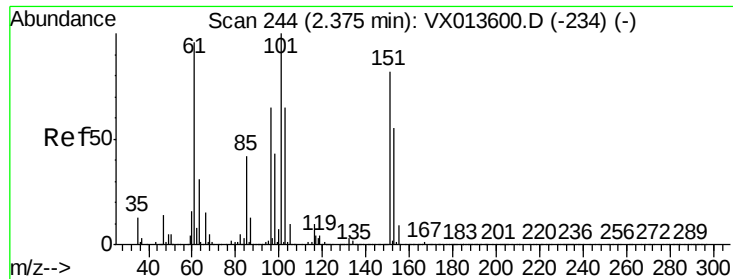


#8

Diethyl Ether
Concen: 20.665 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	92163		
45	97.0	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.612 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

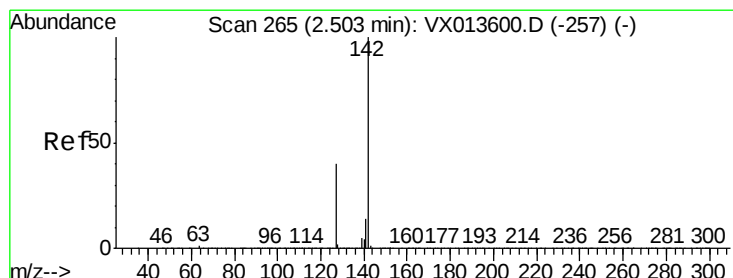
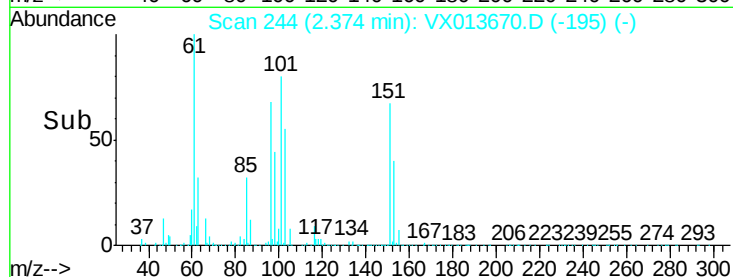
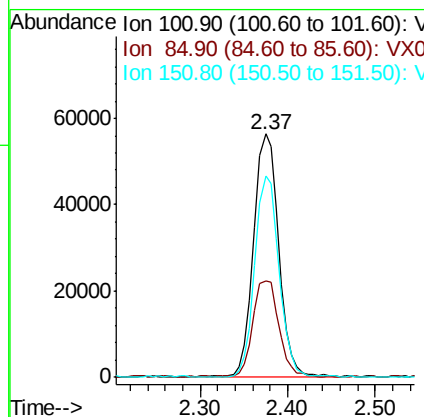
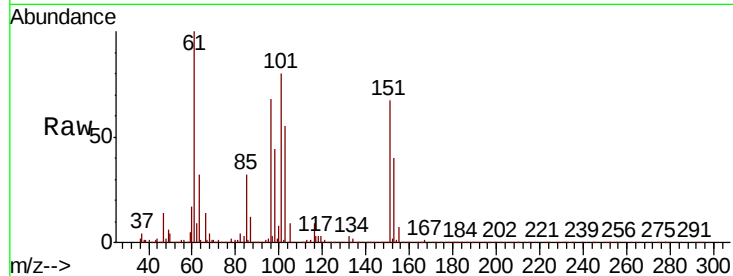
ClientSampleId :

VX1127WBSD03

Tot Ion:	101	Resp:	112073
Ion Ratio	Lower	Upper	
101	100		
85	40.5	33.9	50.9
151	80.4	64.2	96.2

Manual Integrations
APPROVED

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



#10

Methyl Iodide

Concen: 17.255 ug/l

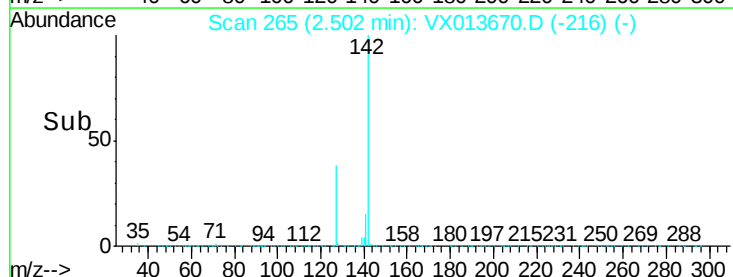
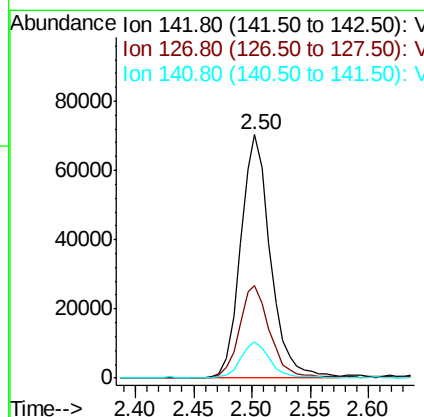
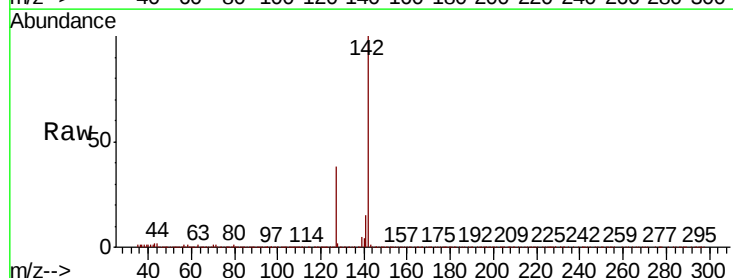
RT: 2.50 min Scan# 265

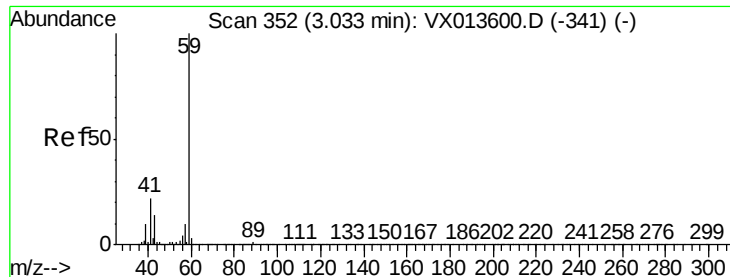
Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	142	Resp:	125688
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.0	46.4
141	14.4	11.6	17.4





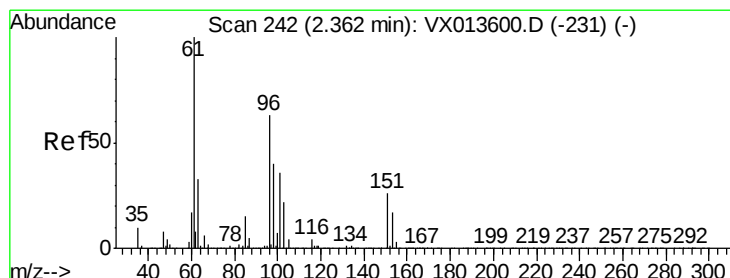
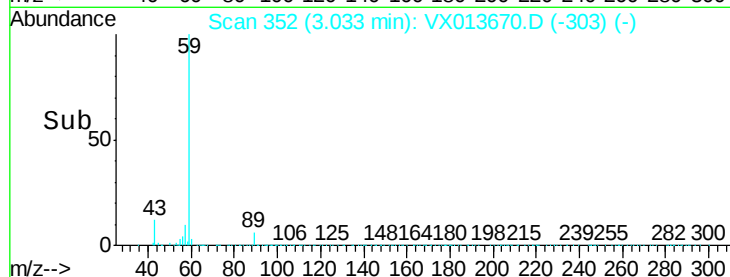
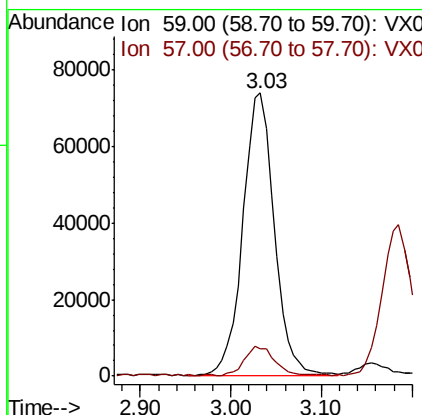
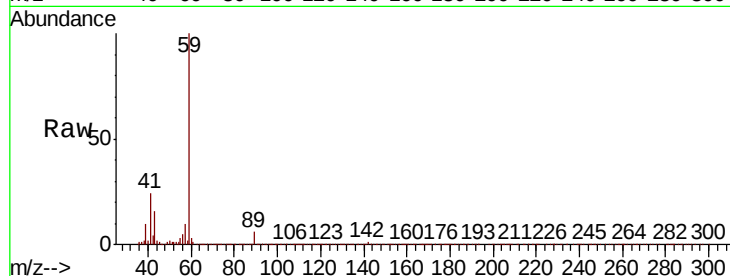
#11
Tert butyl alcohol
Concen: 98.052 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	7.8	11.6

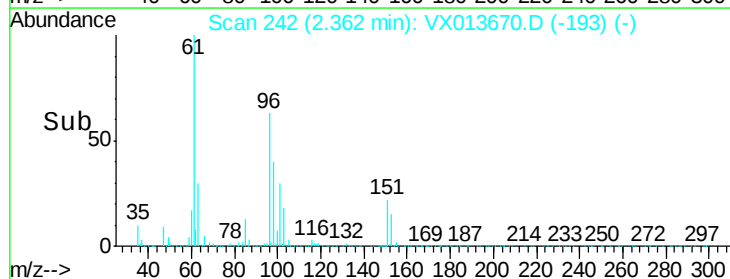
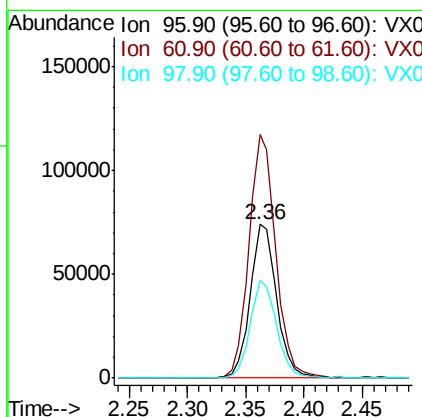
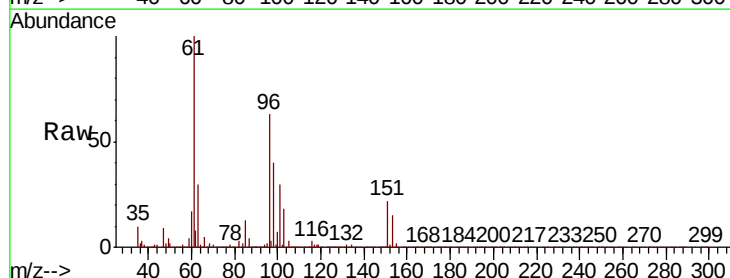
Manual Integrations
APPROVED

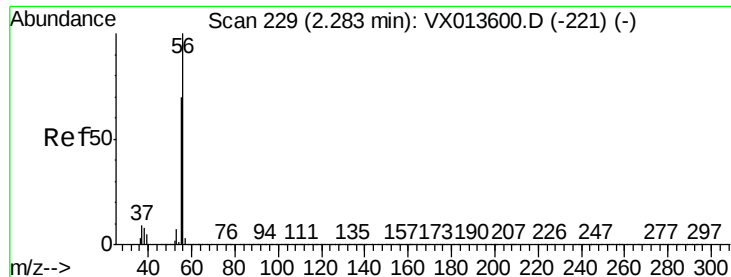
apatel
12/2/2019 3:18:12 PM



#12
1,1-Dichloroethene
Concen: 19.561 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.9	126.6	190.0
98	63.4	50.6	76.0





#13

Acrolein

Concen: 90.782 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 56 Resp: 105122

Ion Ratio Lower Upper

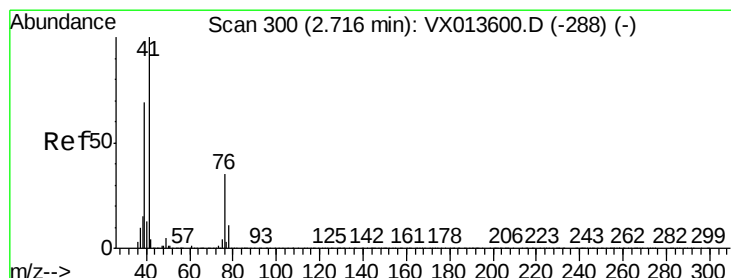
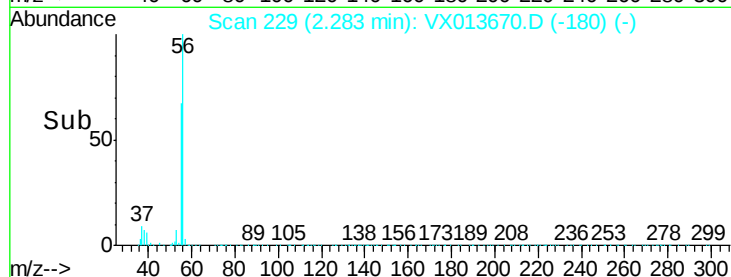
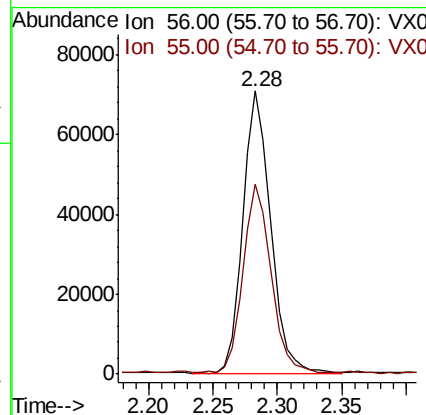
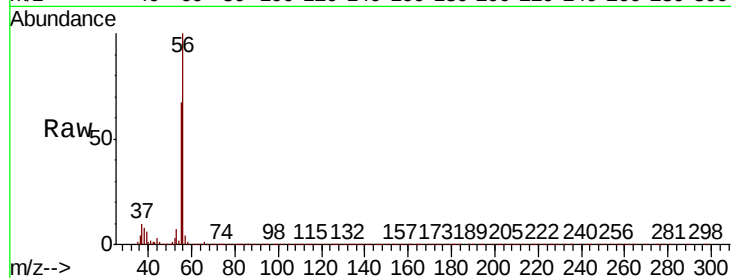
56 100

55 67.2 56.2 84.4

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:12 PM



#14

Allyl chloride

Concen: 19.128 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

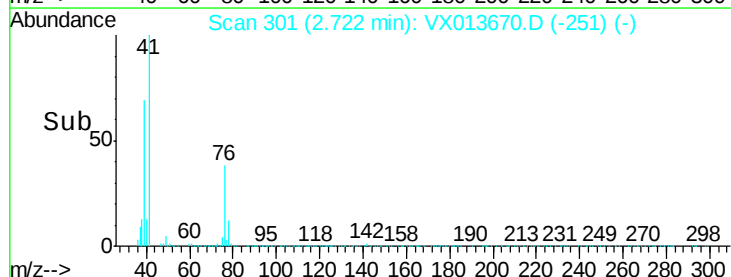
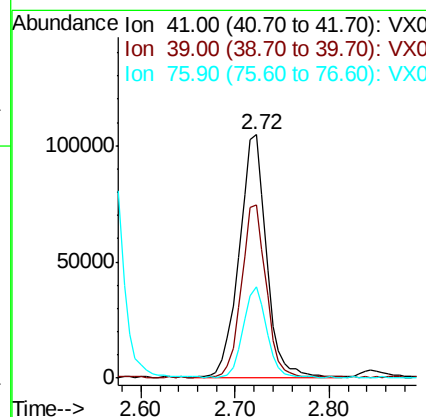
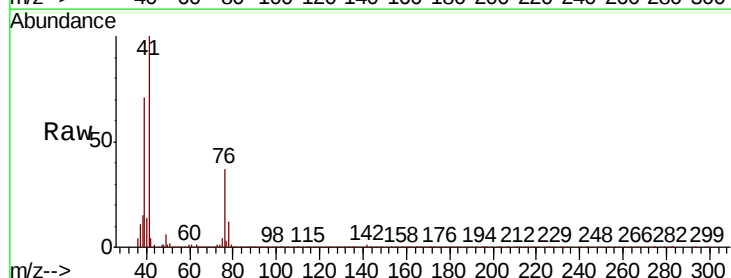
Tgt Ion: 41 Resp: 208639

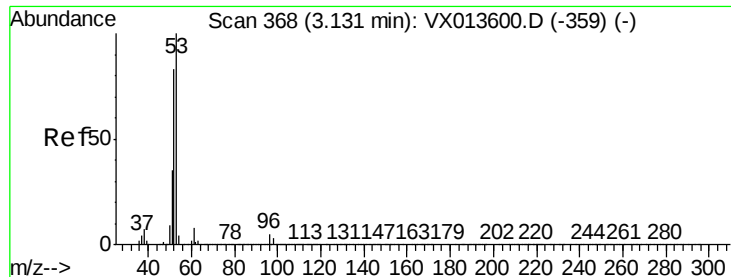
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 105.771 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

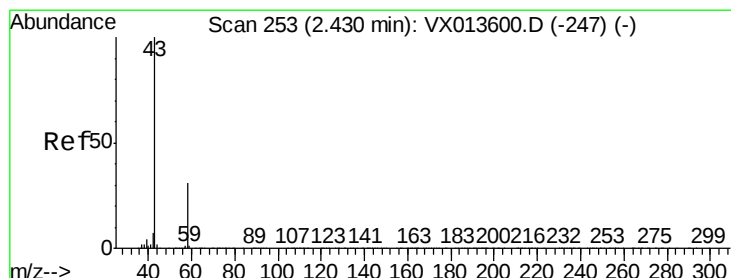
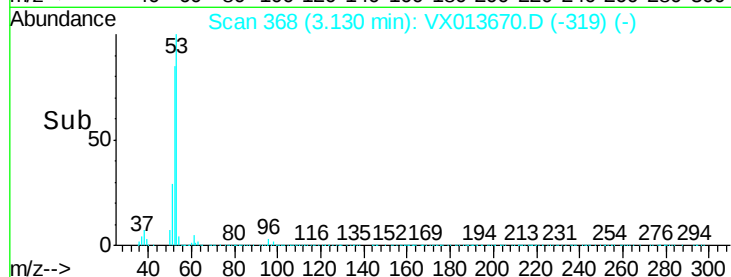
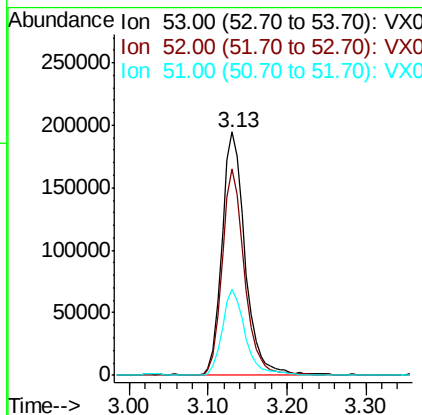
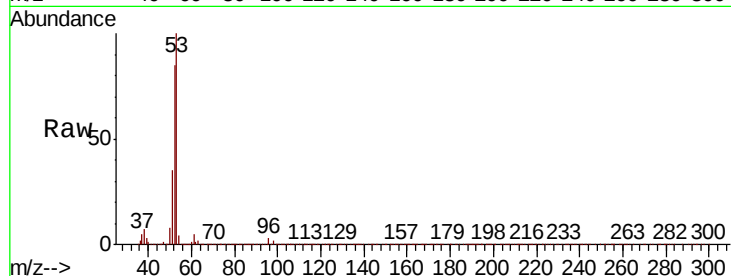
ClientSampleId :

VX1127WBSD03

Tot Ion:	53	Resp:	395081
Ion Ratio	Lower	Upper	
53	100		
52	81.5	66.2	99.2
51	34.9	29.0	43.6

Manual Integrations
APPROVED

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



#16

Acetone

Concen: 93.373 ug/l

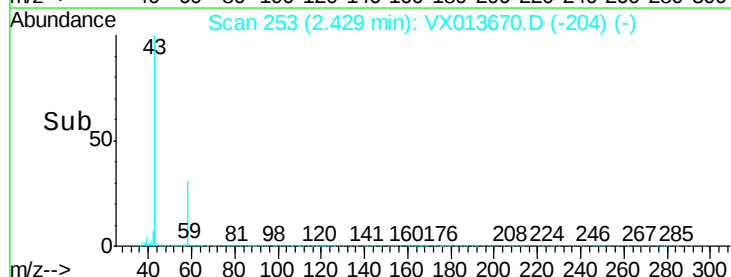
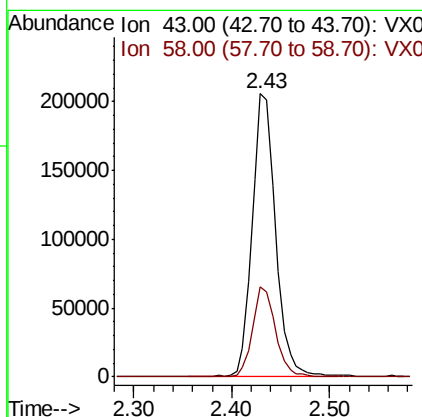
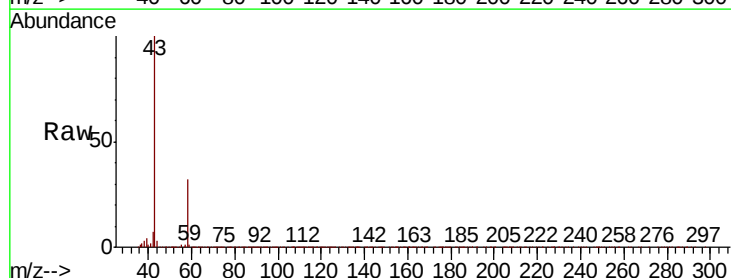
RT: 2.43 min Scan# 253

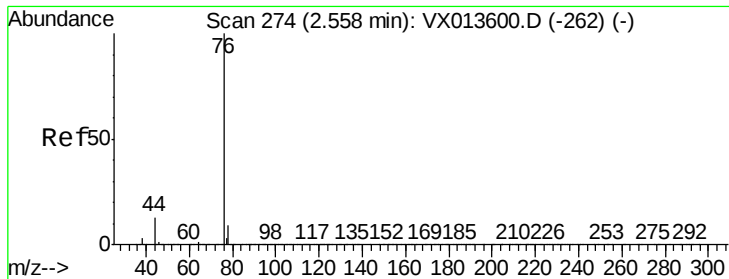
Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	43	Resp:	337962
Ion Ratio	Lower	Upper	
43	100		
58	31.6	24.6	36.8





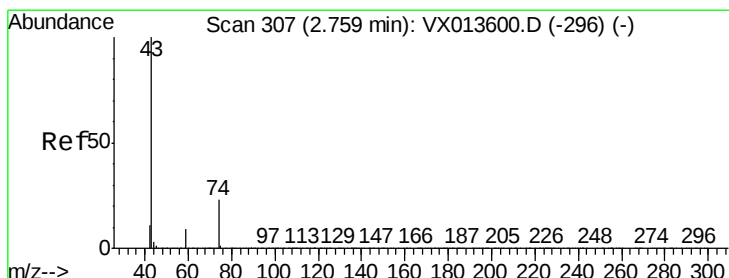
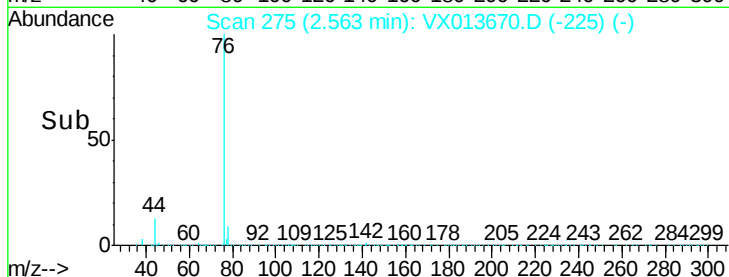
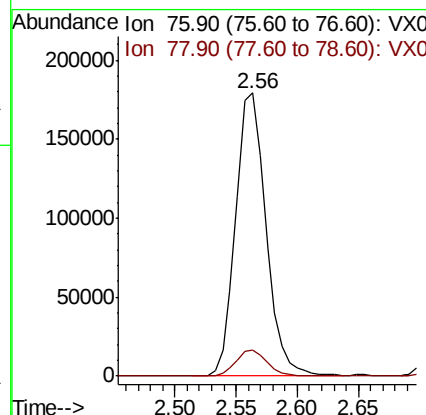
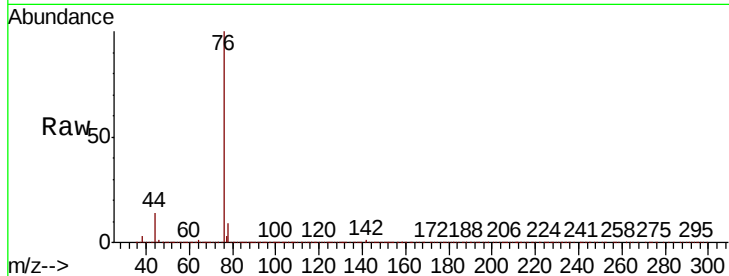
#17
Carbon Disulfide
Concen: 17.943 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ion	Ratio	Lower	Upper
76	76	100		
78	78	8.9	7.2	10.8

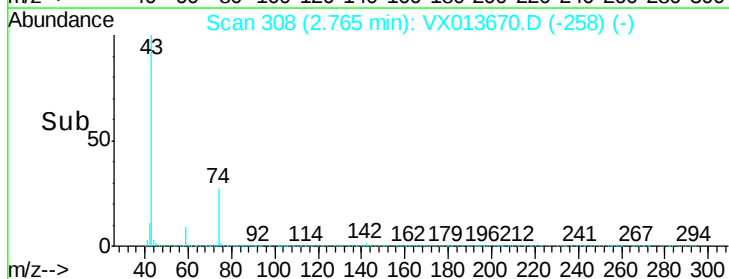
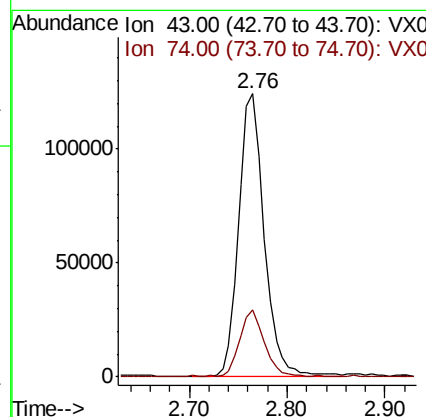
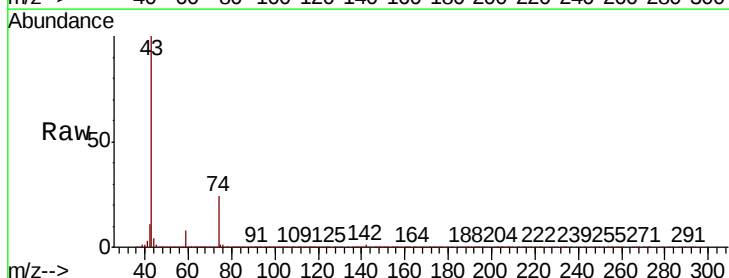
Manual Integrations
APPROVED

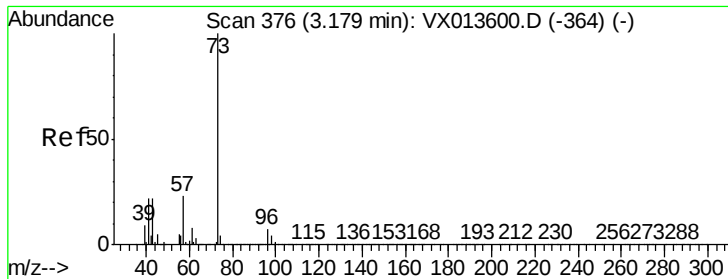
apatel
12/2/2019 3:18:12 PM



#18
Methyl Acetate
Concen: 22.178 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
74	74	22.9	19.5	29.3





#19

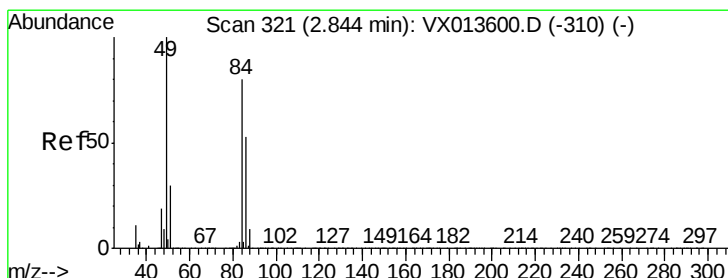
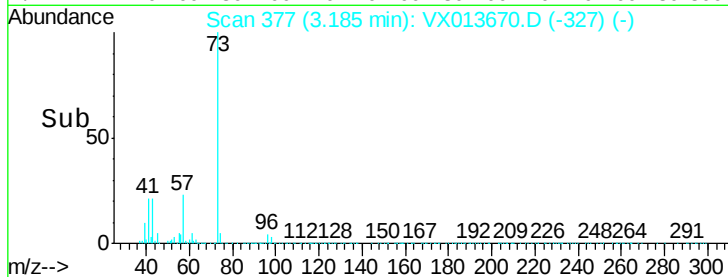
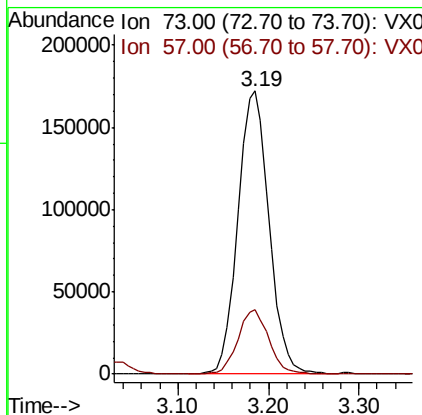
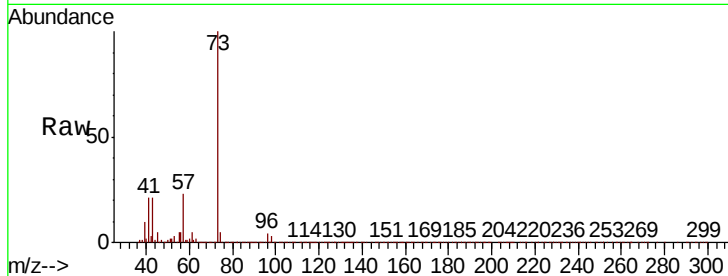
Methyl tert-butyl Ether
 Concen: 20.449 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.3	27.5

Manual Integrations
 APPROVED

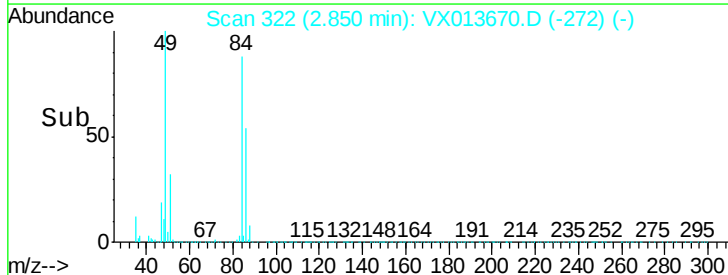
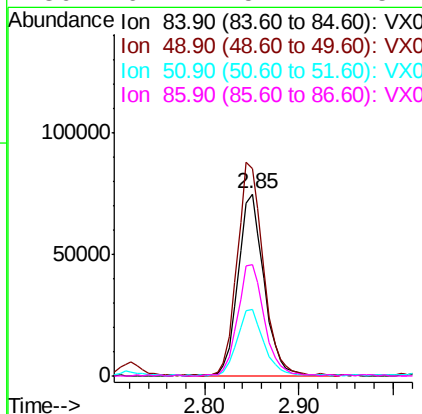
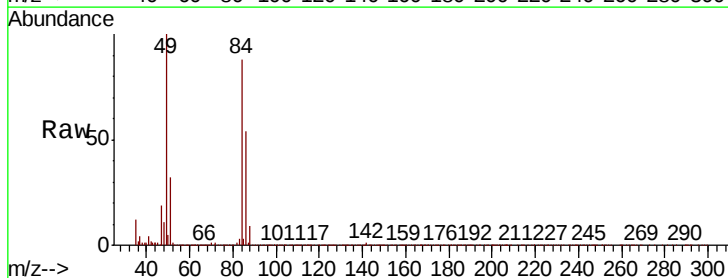
apatel
 12/2/2019 3:18:12 PM

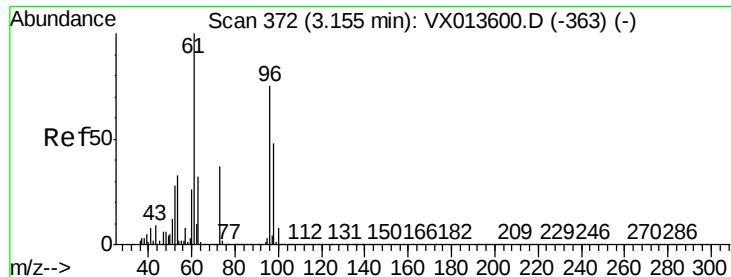


#20

Methylene Chloride
 Concen: 20.483 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	99.7	149.5
51	36.2	29.9	44.9
86	61.4	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.949 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

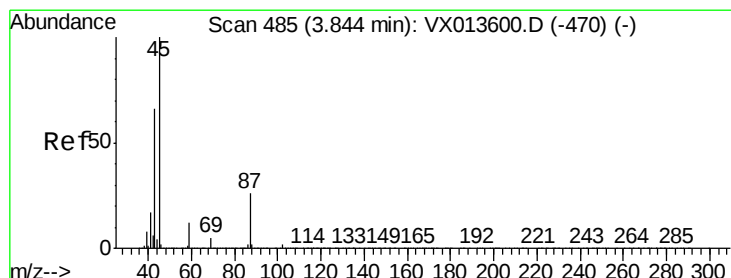
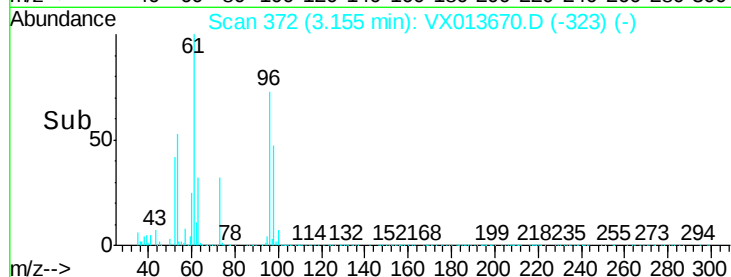
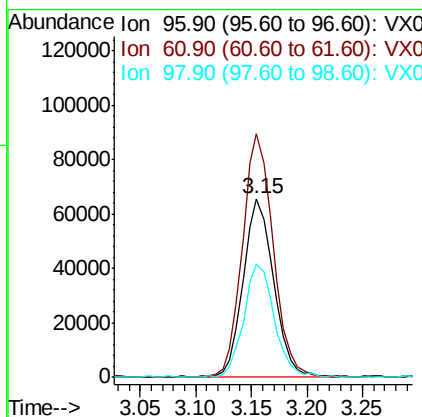
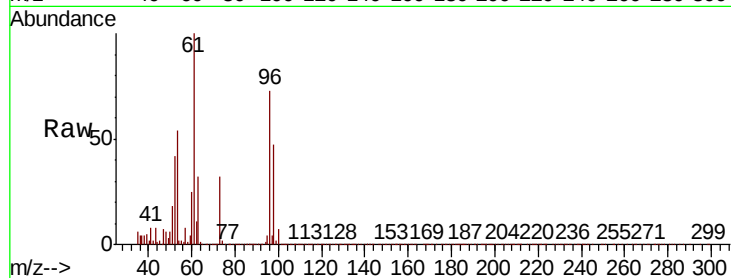
ClientSampleId :

VX1127WBSD03

Tot Ion:	96	Resp:	124074
Ion	Ratio	Lower	Upper
96	100		
61	136.3	107.2	160.8
98	63.2	51.4	77.0

Manual Integrations
APPROVED

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



#22

Diisopropyl ether

Concen: 20.644 ug/l

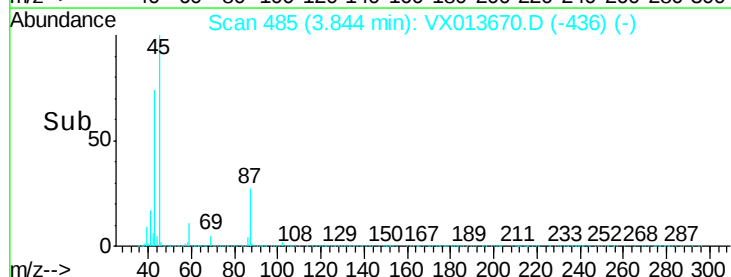
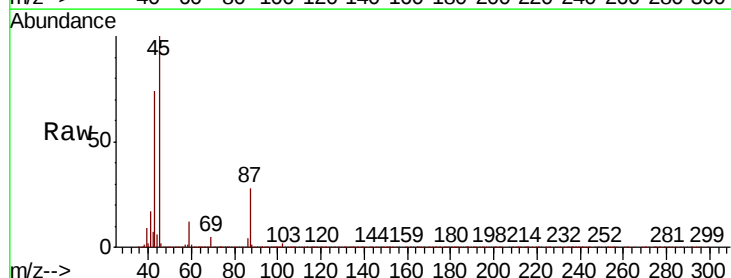
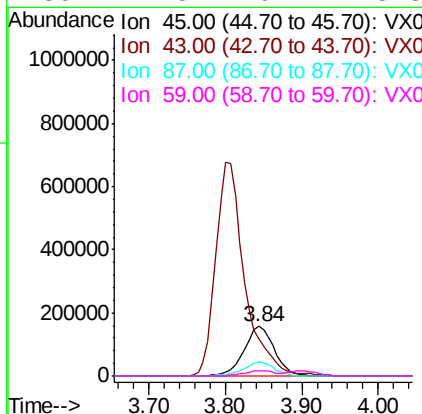
RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	45	Resp:	433573
Ion	Ratio	Lower	Upper
45	100		
43	73.6	52.6	79.0
87	27.3	21.1	31.7
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 101.732 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 43 Resp: 1777485

Ion Ratio Lower Upper

43 100

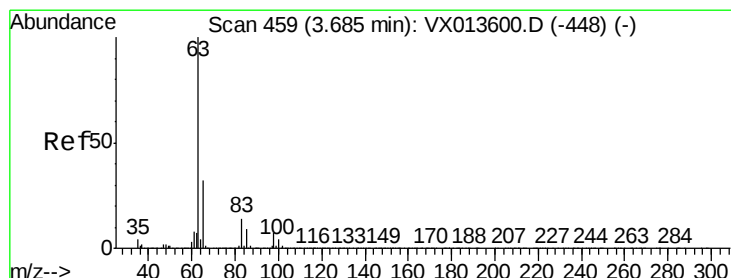
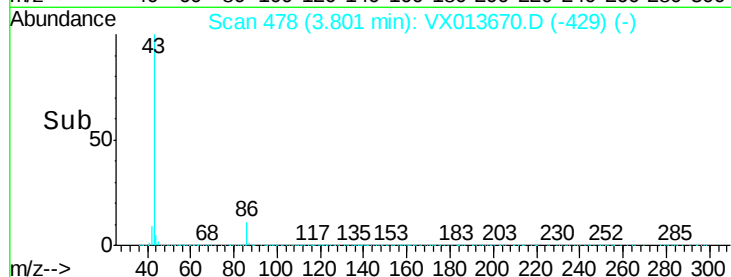
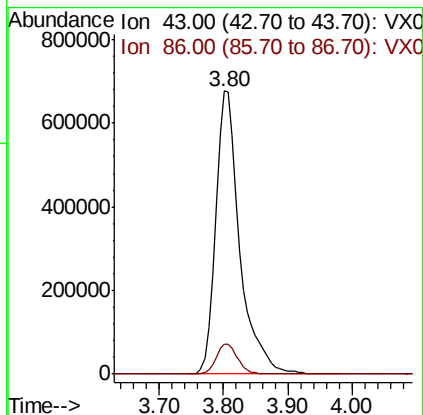
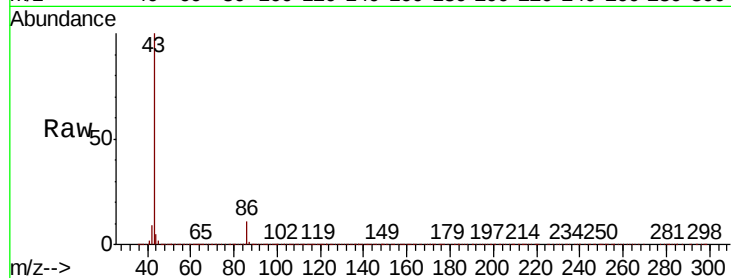
86 10.7 8.7 13.1

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:12 PM



#24

1,1-Dichloroethane

Concen: 20.238 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

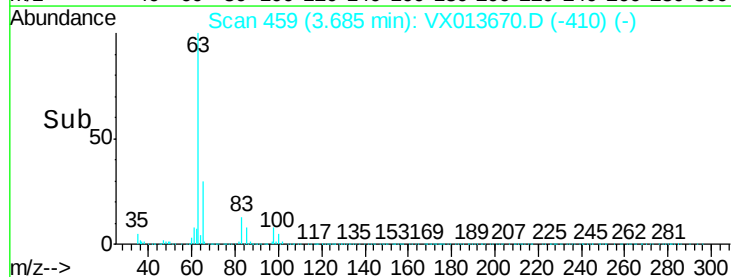
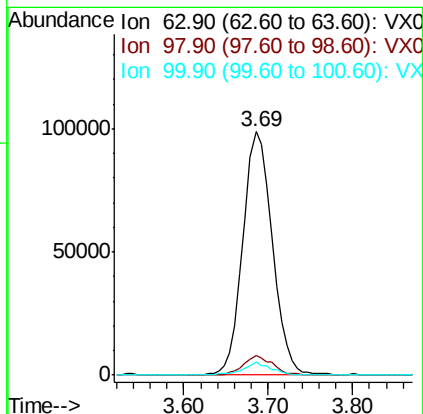
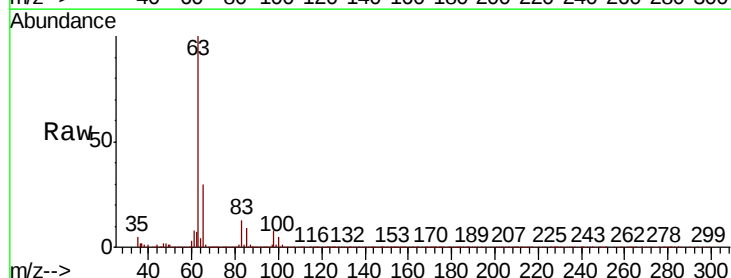
Tgt Ion: 63 Resp: 232362

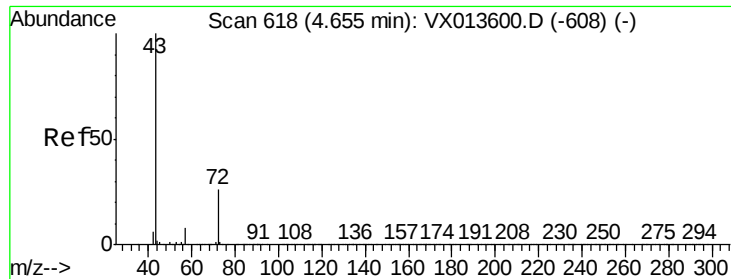
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 5.2 2.1 6.3





#25

2-Butanone

Concen: 102.107 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 43 Resp: 549255

Ion Ratio Lower Upper

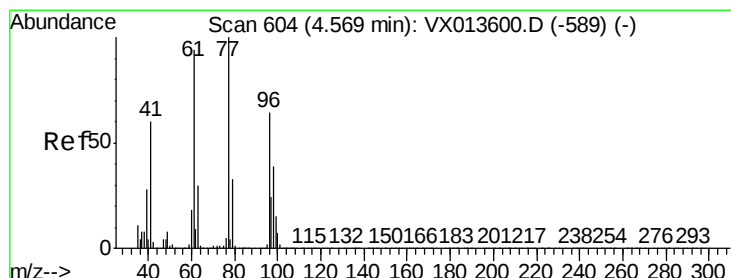
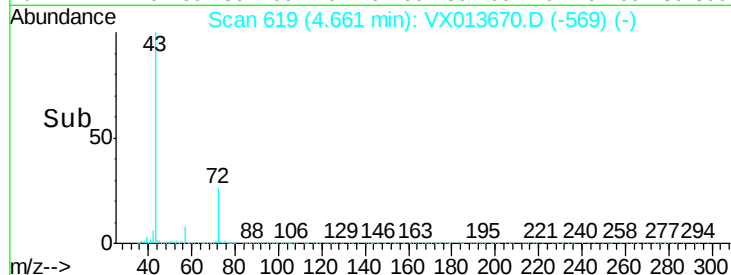
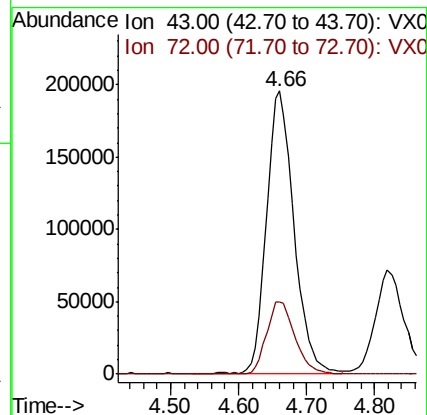
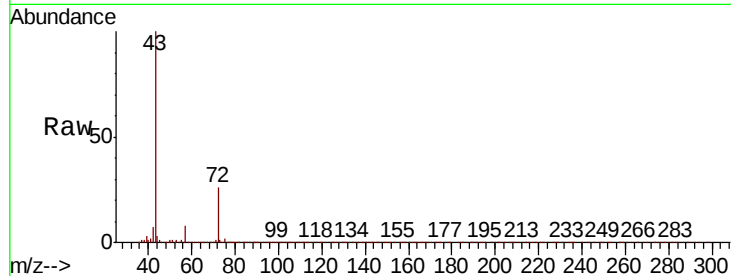
43 100

72 25.7 20.6 31.0

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:12 PM



#26

2,2-Dichloropropane

Concen: 16.115 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013670.D

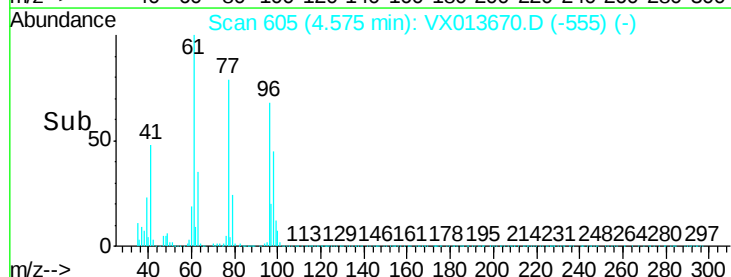
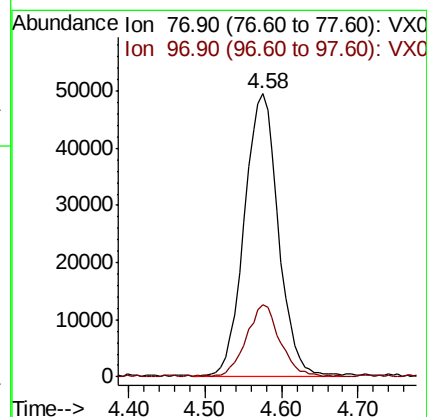
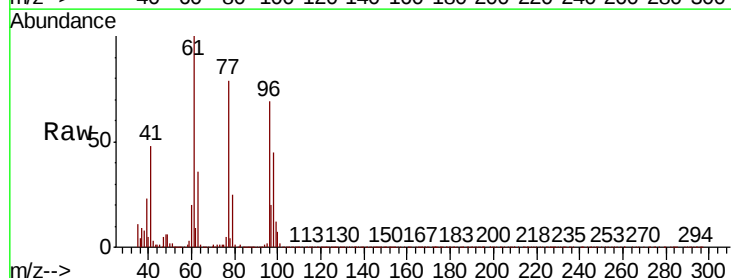
Acq: 27 Nov 2019 23:14

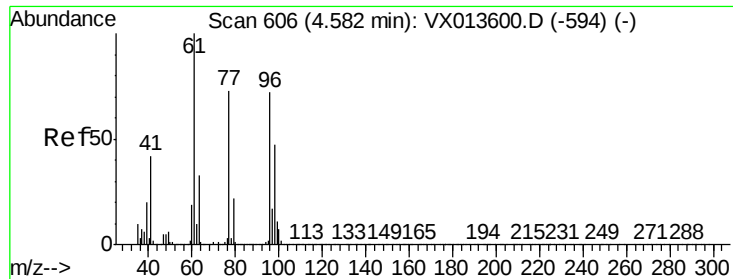
Tgt Ion: 77 Resp: 153084

Ion Ratio Lower Upper

77 100

97 25.6 12.0 36.1





#27

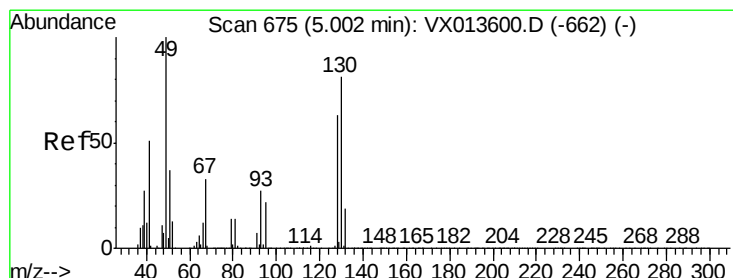
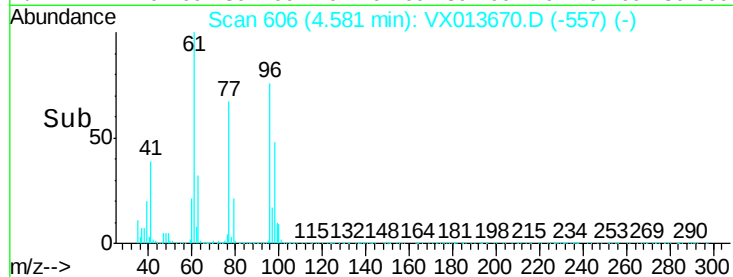
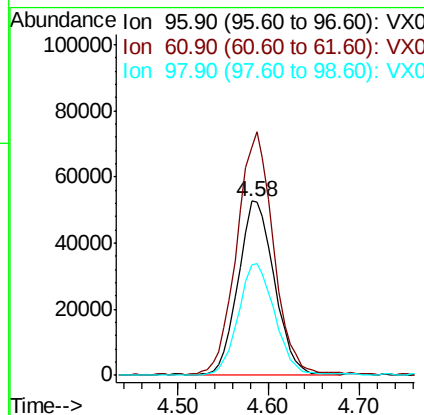
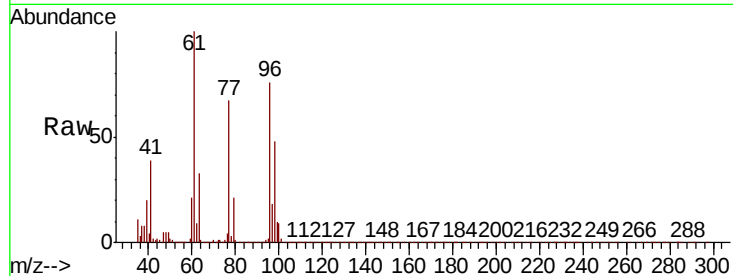
cis-1,2-Dichloroethene
Concen: 19.370 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	145651		
61	141.6	0.0	286.4	
98	64.5	0.0	127.4	

Manual Integrations
APPROVED

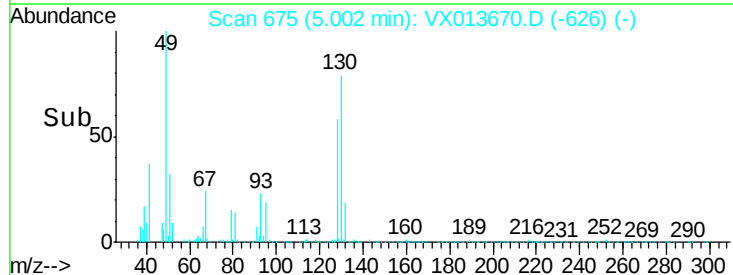
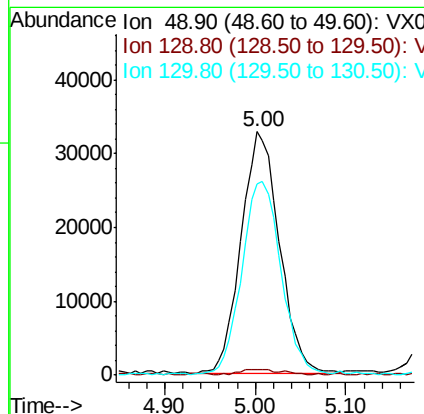
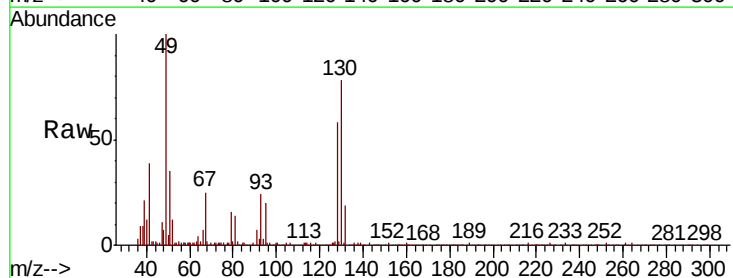
apatel
12/2/2019 3:18:12 PM

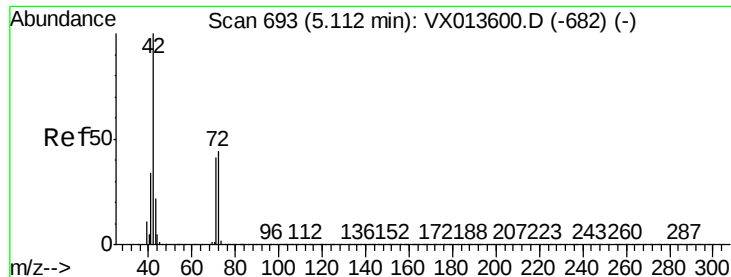


#28

Bromochloromethane
Concen: 21.119 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95855		
129	2.7	0.0	5.0	
130	80.9	65.4	98.0	





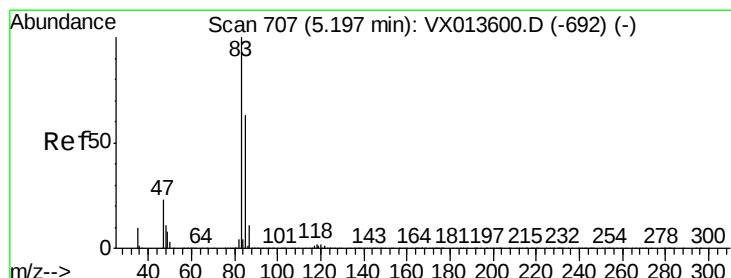
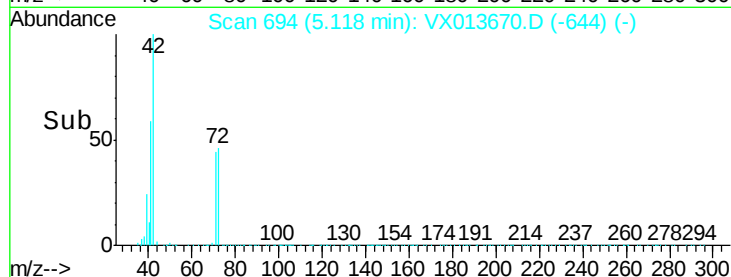
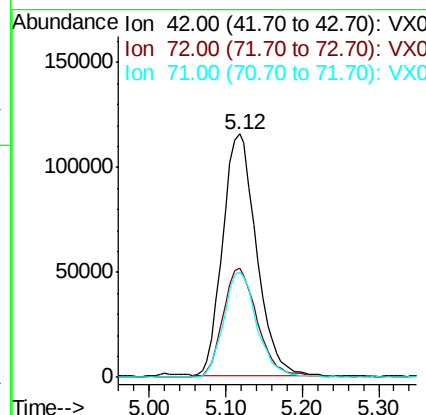
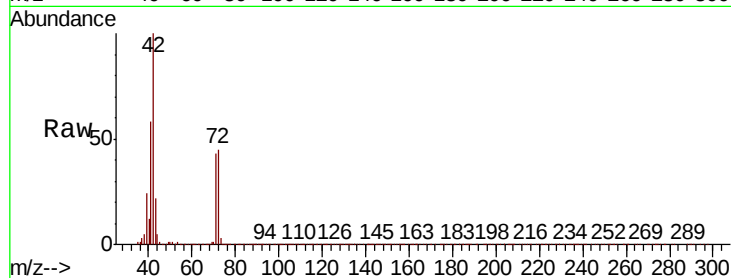
#29
Tetrahydrofuran
Concen: 107.375 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.3	54.5
71	42.3	33.2	49.8

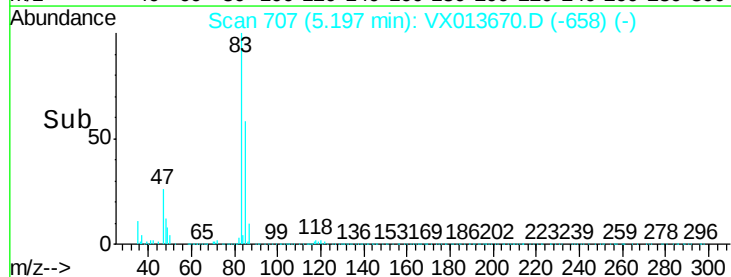
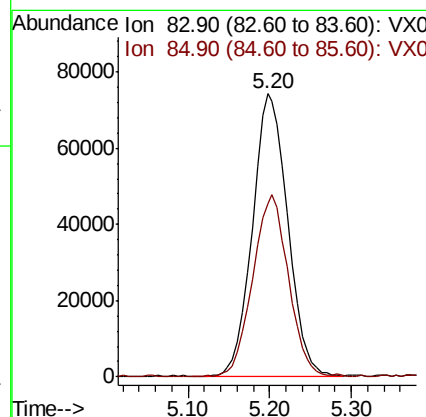
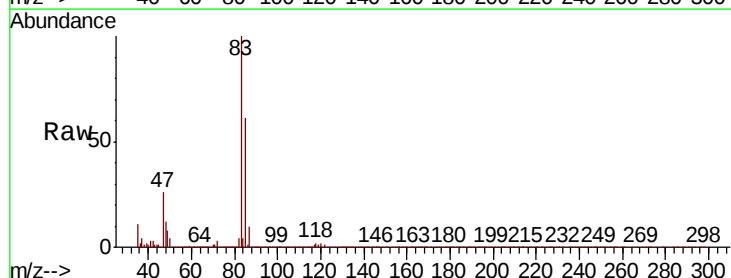
Manual Integrations
APPROVED

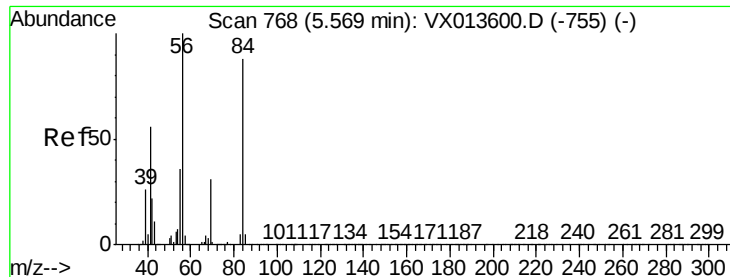
apatel
12/2/2019 3:18:12 PM



#30
Chloroform
Concen: 19.243 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.2	75.4





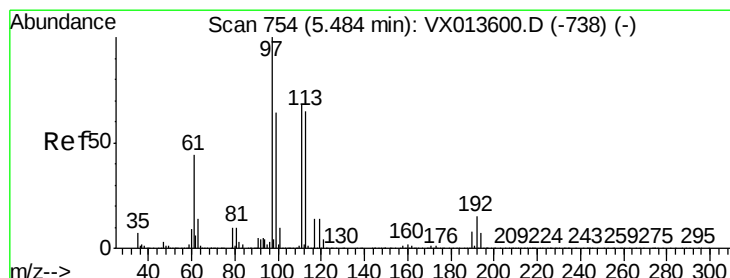
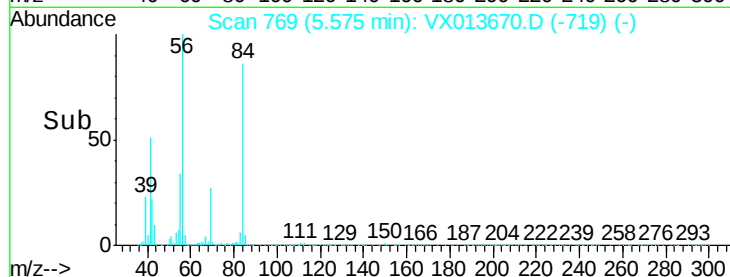
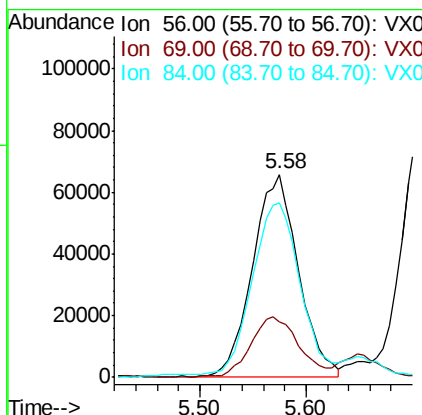
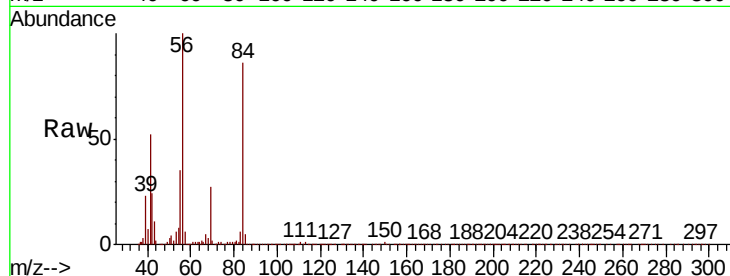
#31
Cyclohexane
Concen: 18.108 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.0	24.6	36.8
84	85.0	70.0	105.0

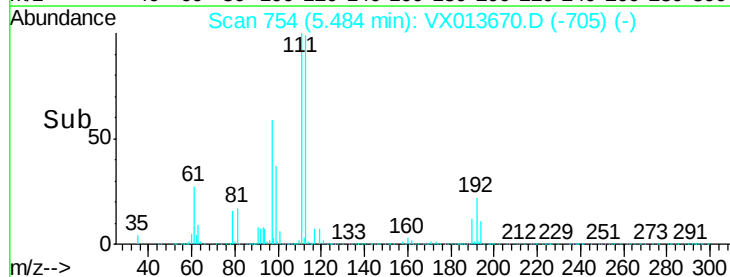
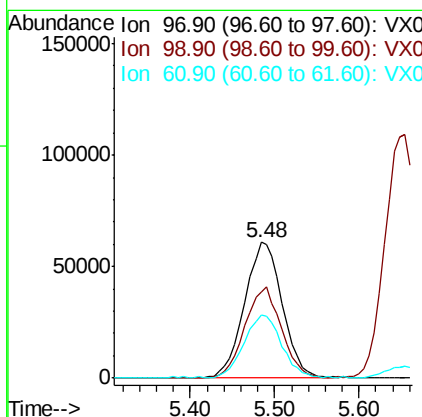
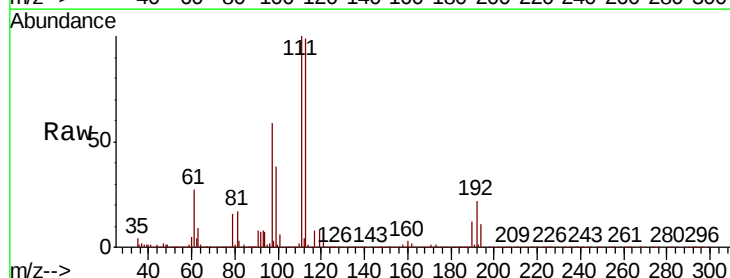
Manual Integrations
APPROVED

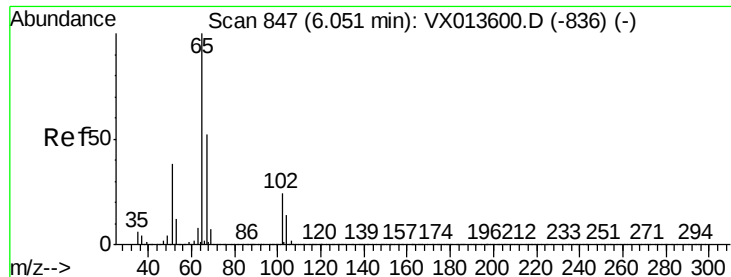
apatel
12/2/2019 3:18:12 PM



#32
1,1,1-Trichloroethane
Concen: 19.017 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	45.8	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 50.136 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 65 Resp: 367552

Ion Ratio Lower Upper

65 100

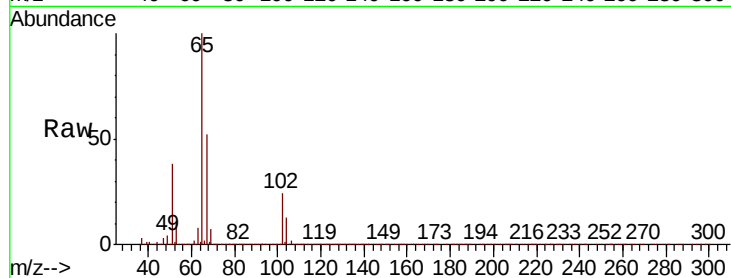
67 52.7 0.0 104.4

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:12 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

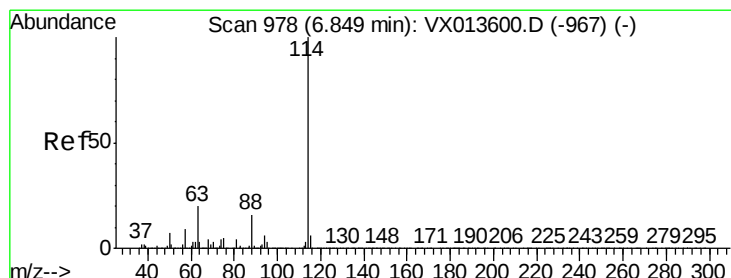
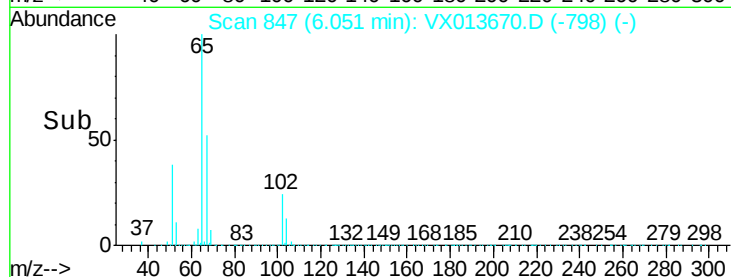
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

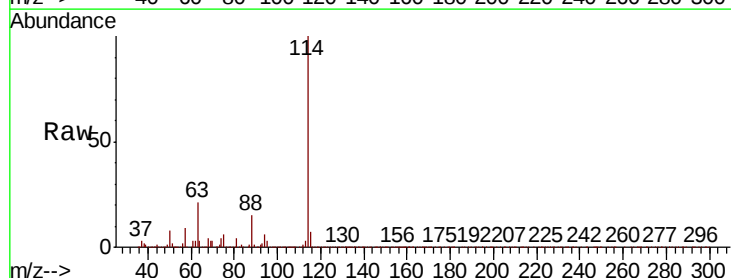
Tgt Ion: 114 Resp: 974138

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

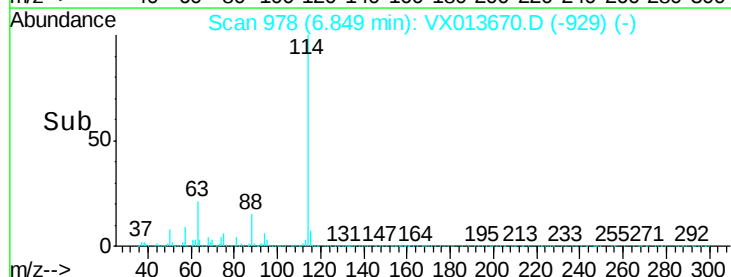
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.229 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

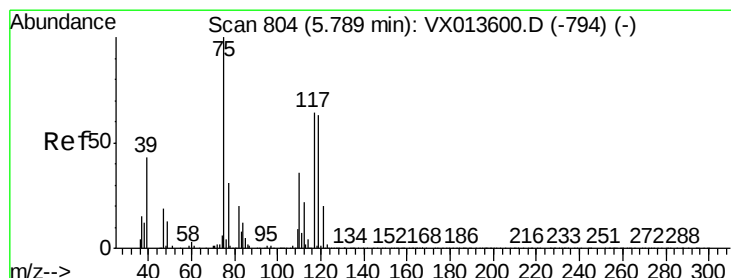
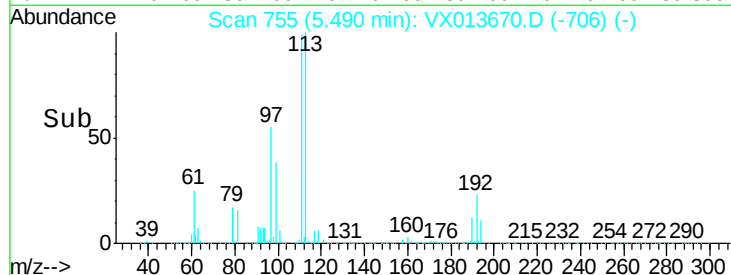
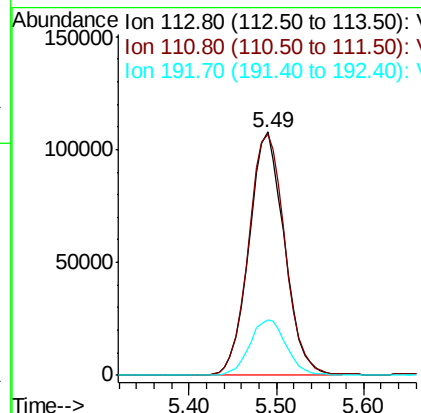
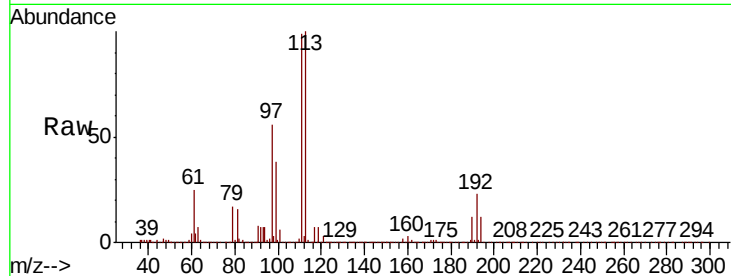
ClientSampleId :

VX1127WBSD03

Tot Ion:	113	Resp:	302489
Ion Ratio	Lower	Upper	
113	100		
111	101.9	83.6	125.4
192	23.8	19.2	28.8

Manual Integrations
APPROVED

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



#36

1,1-Dichloropropene

Concen: 18.524 ug/l

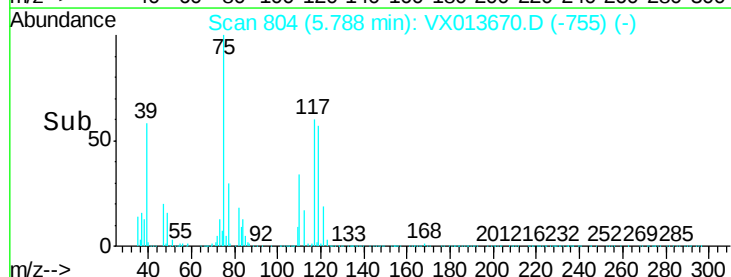
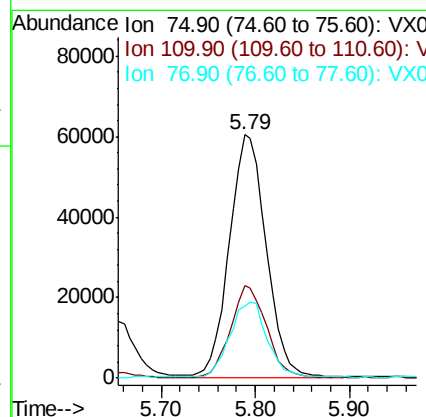
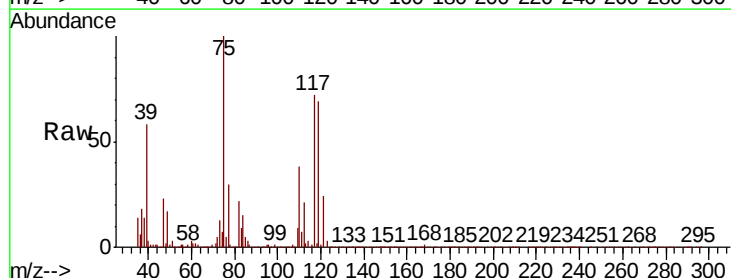
RT: 5.79 min Scan# 804

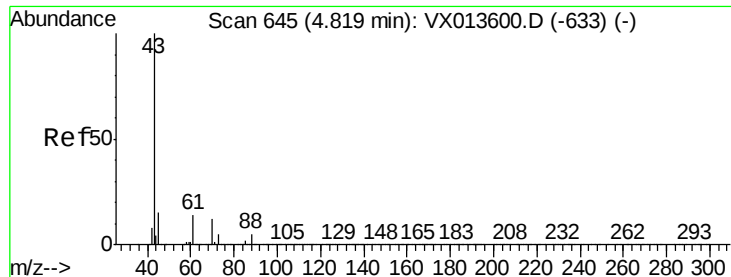
Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	75	Resp:	163806
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.1
77	30.6	24.5	36.7





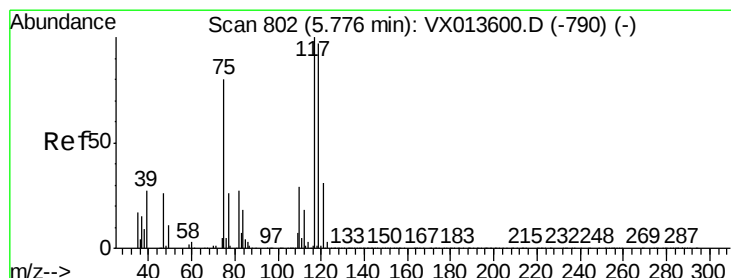
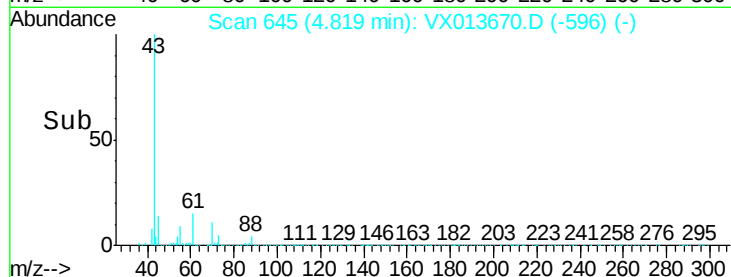
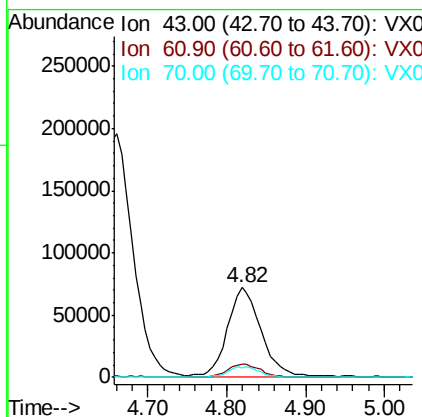
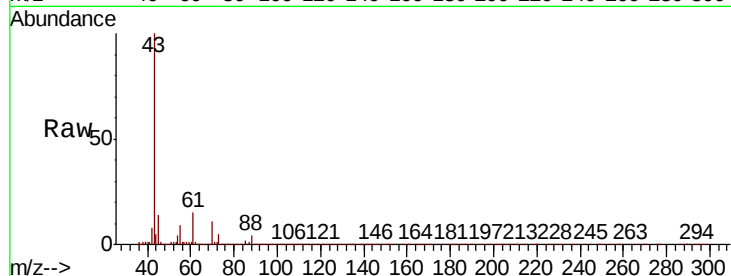
#37
Ethyl Acetate
Concen: 21.235 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleID :
VX1127WBSD03

Tot Ion	43	Resp	210658
Ion Ratio	Lower	Upper	
43	100		
61	14.0	11.0	16.4
70	11.5	8.6	12.8

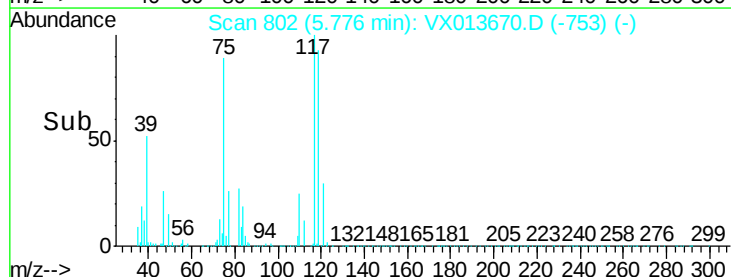
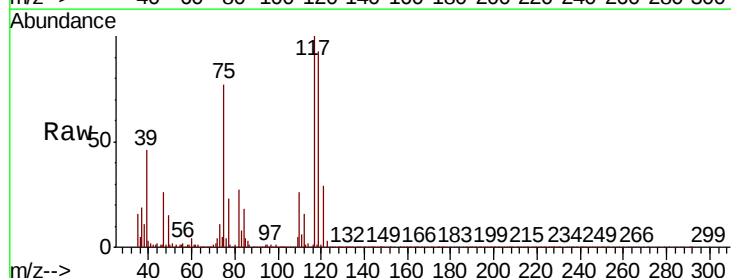
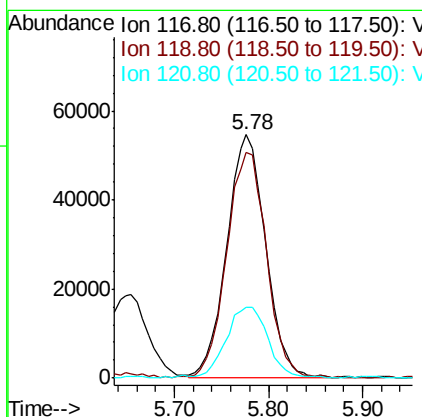
Manual Integrations
APPROVED

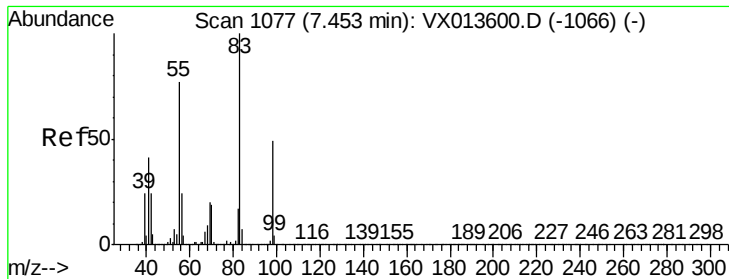
apatel
12/2/2019 3:18:12 PM



#38
Carbon Tetrachloride
Concen: 19.109 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	117	Resp	155812
Ion Ratio	Lower	Upper	
117	100		
119	93.0	77.5	116.3
121	29.1	25.0	37.6





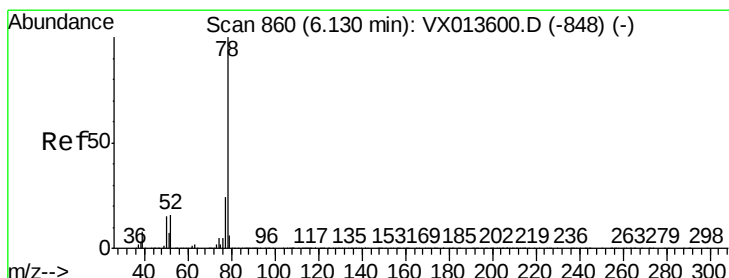
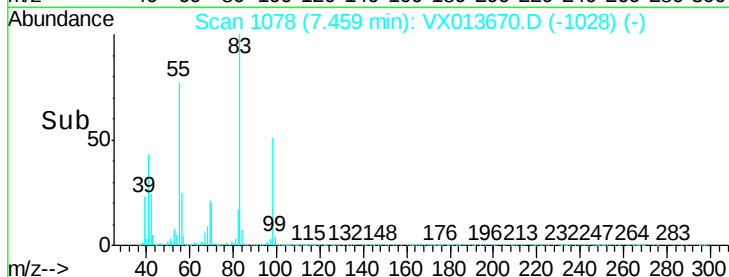
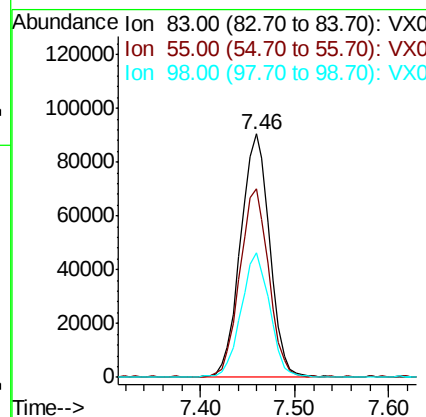
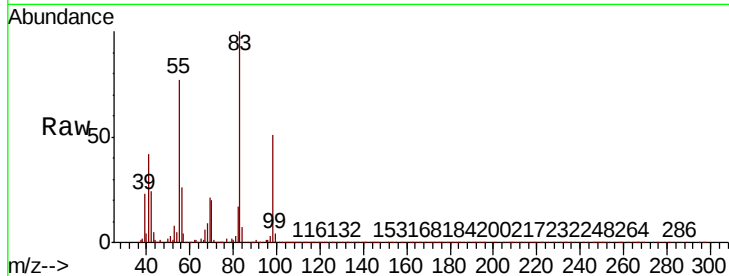
#39
Methvlcvclohexane
Concen: 17.806 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.9	92.9
98	51.0	39.4	59.0

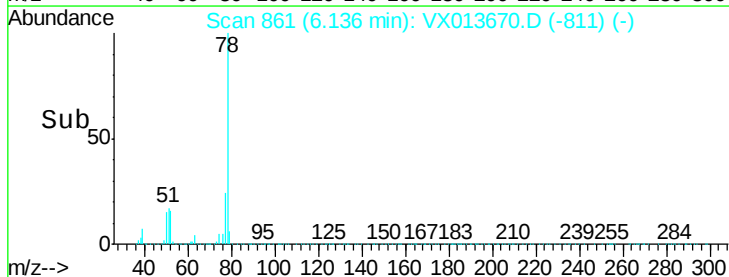
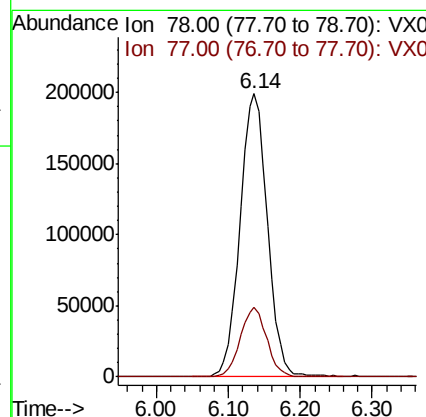
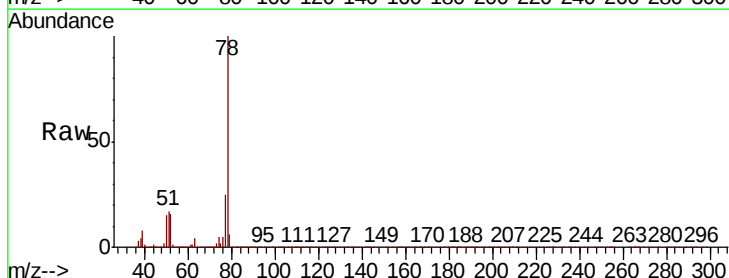
Manual Integrations
APPROVED

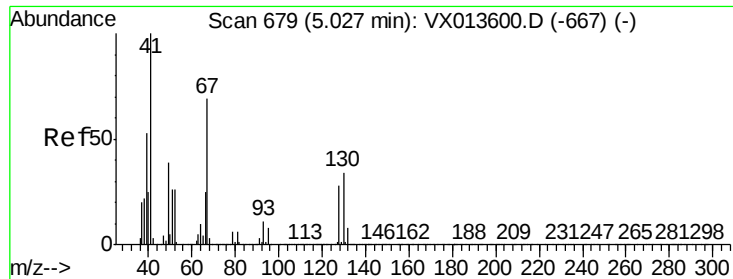
apatel
12/2/2019 3:18:12 PM



#40
Benzene
Concen: 19.485 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





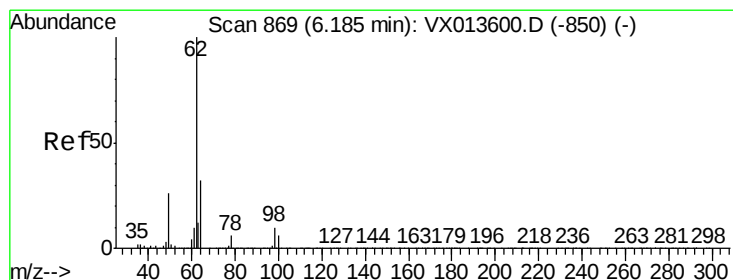
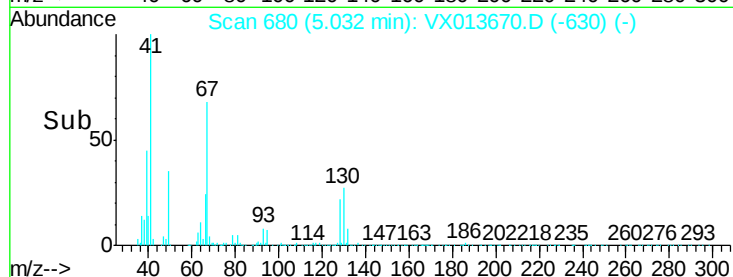
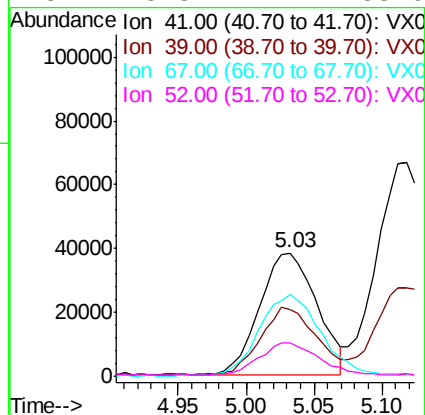
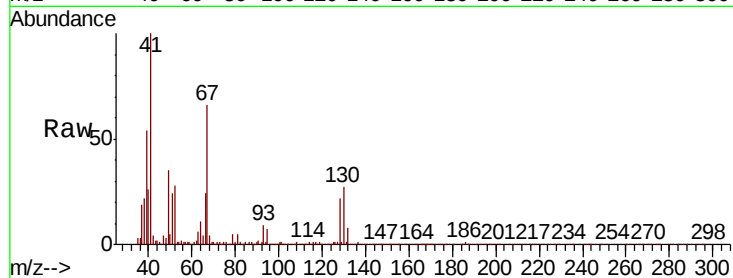
#41
Methacrylonitrile
Concen: 20.657 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	42.9	64.3	
67	73.2	57.4	86.0	
52	28.3	22.4	33.6	

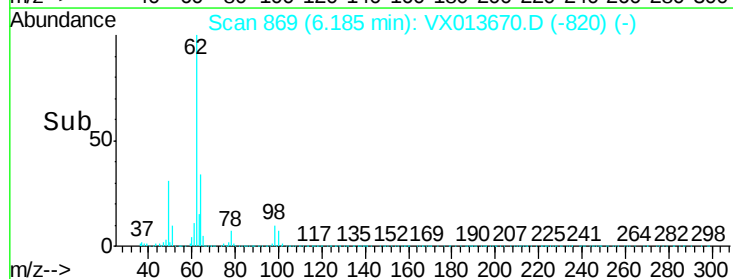
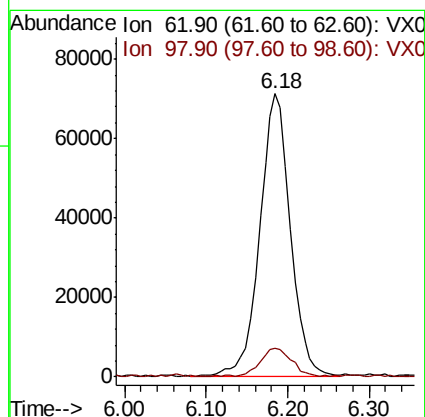
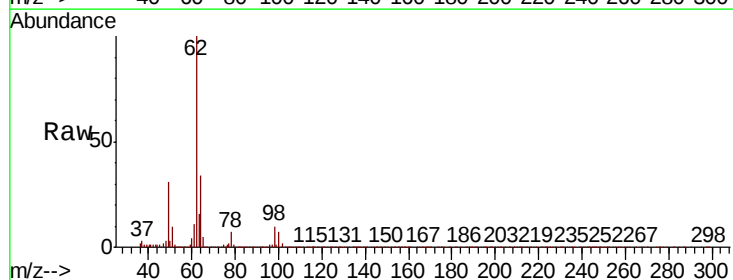
Manual Integrations
APPROVED

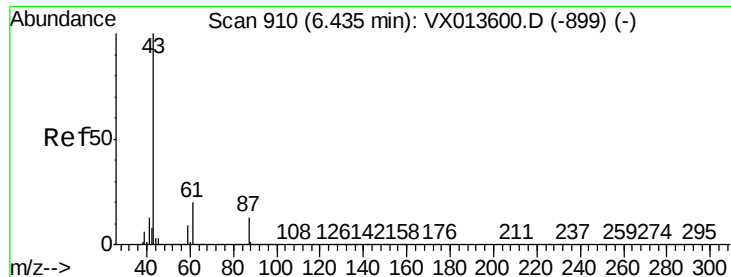
apatel
12/2/2019 3:18:12 PM



#42
1,2-Dichloroethane
Concen: 19.986 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.8	





#43

Isopropyl Acetate

Concen: 20.054 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

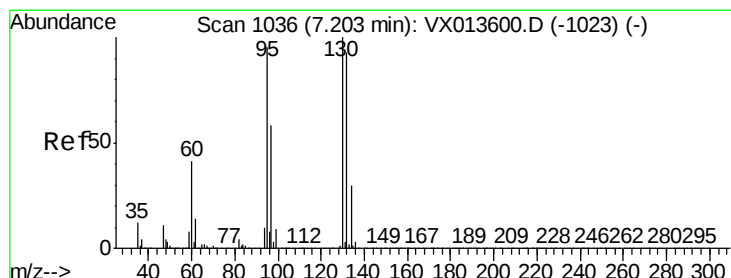
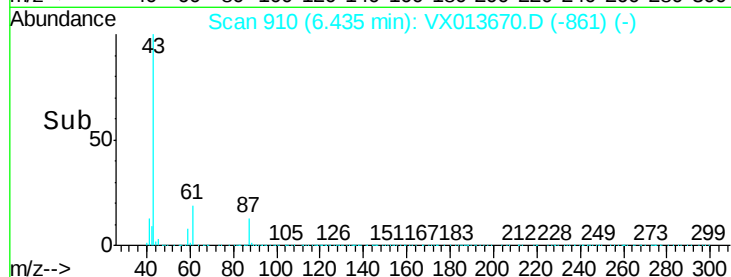
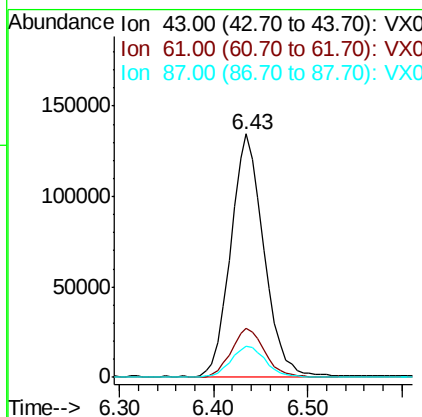
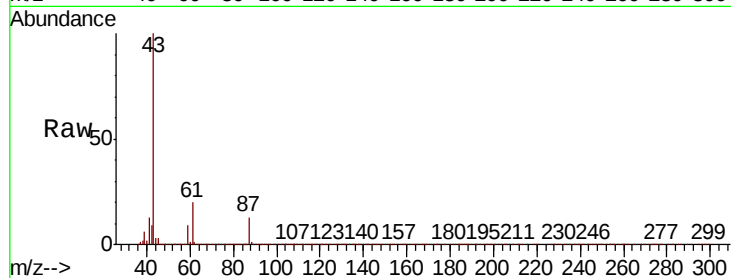
ClientSampleId :

VX1127WBSD03

Tot Ion:	43	Resp:	327520
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.3	24.5
87	13.2	10.8	16.2

Manual Integrations
APPROVED

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



#44

Trichloroethene

Concen: 18.097 ug/l

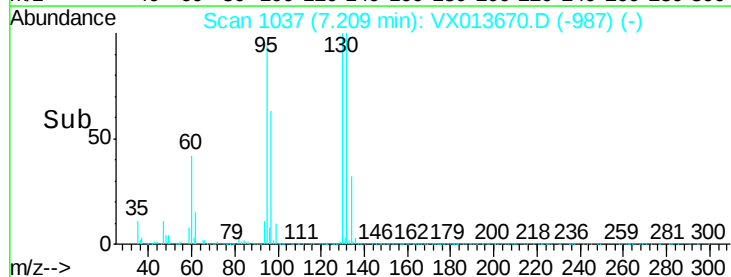
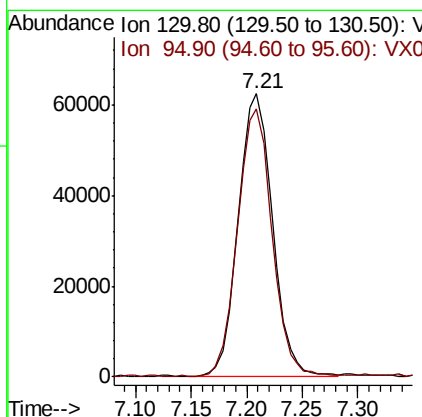
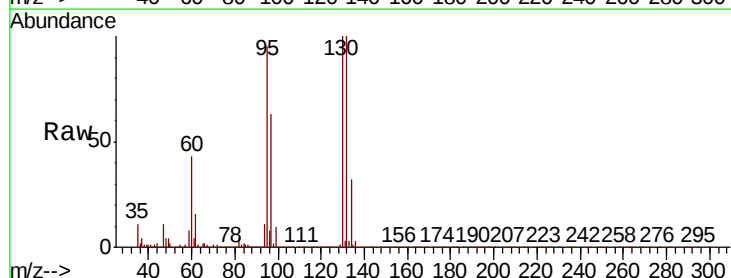
RT: 7.21 min Scan# 1037

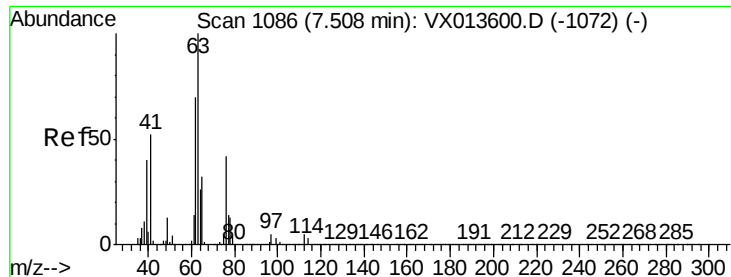
Delta R.T. 0.01 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	130	Resp:	133766
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.983 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 63 Resp: 134654

Ion Ratio Lower Upper

63 100

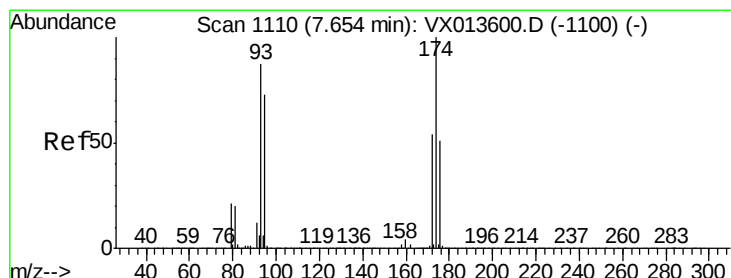
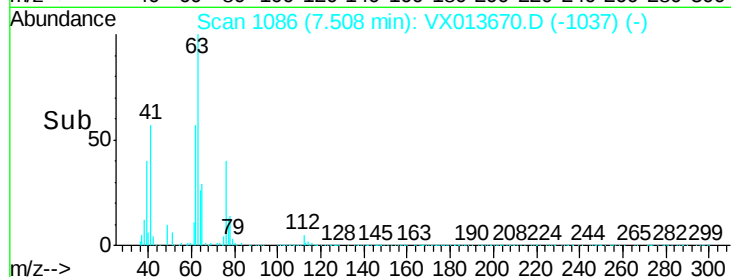
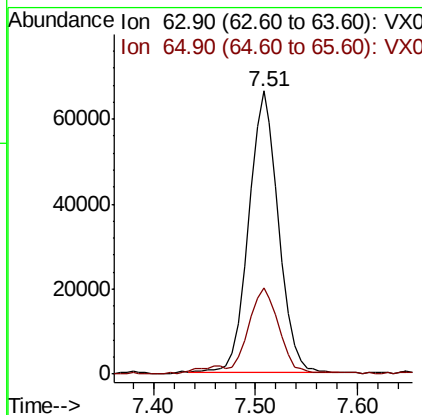
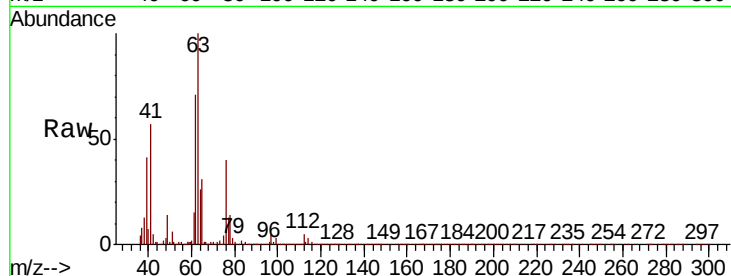
65 29.9 25.5 38.3

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:12 PM



#46

Dibromomethane

Concen: 19.576 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

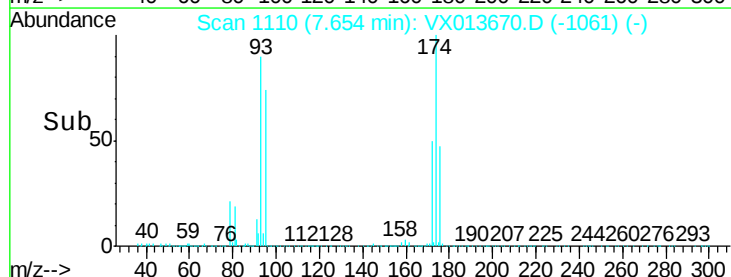
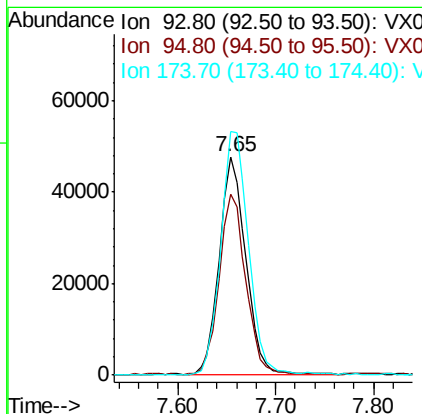
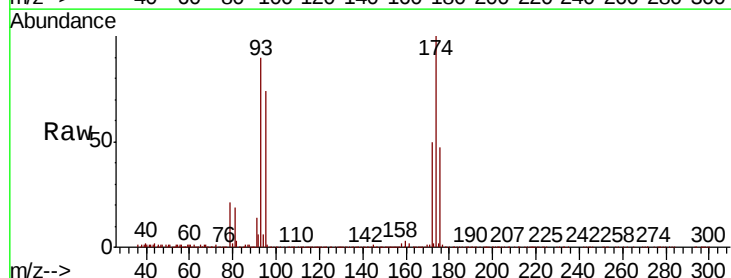
Tgt Ion: 93 Resp: 89590

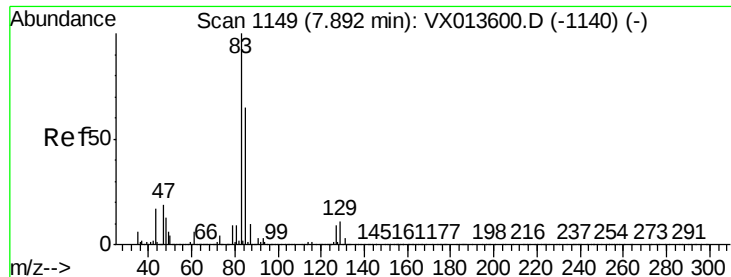
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

174 116.6 93.4 140.0





#47

Bromodichloromethane

Concen: 19.438 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

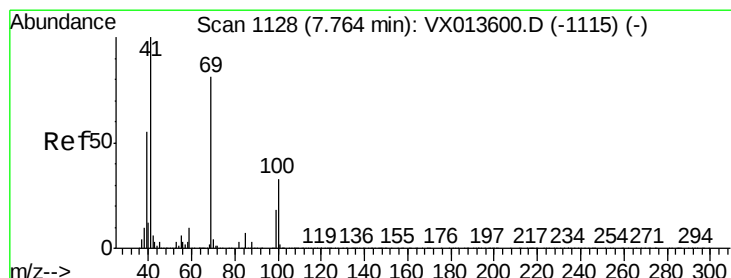
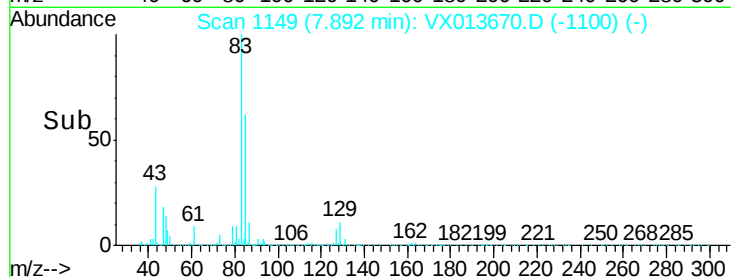
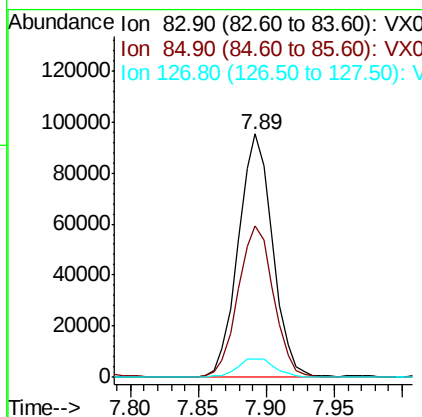
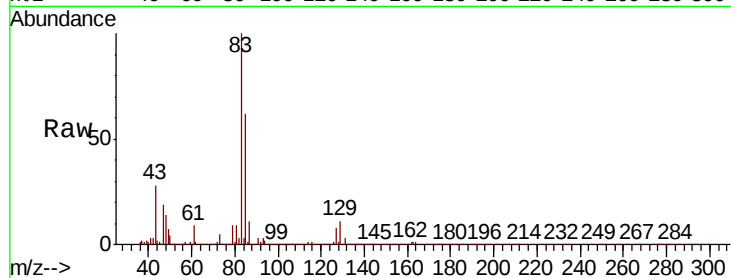
ClientSampleId :

VX1127WBSD03

Tot Ion:	83	Resp:	168169
Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.1	78.1
127	7.6	7.0	10.4

Manual Integrations
APPROVED

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



#48

Methyl methacrylate

Concen: 20.804 ug/l

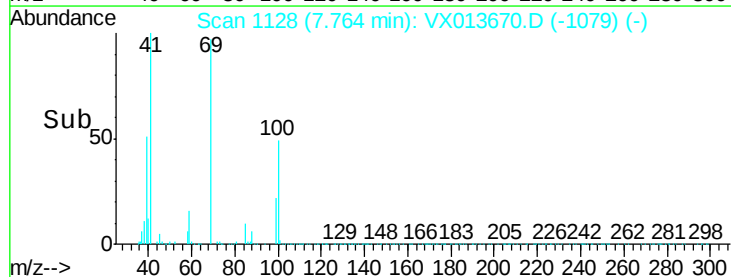
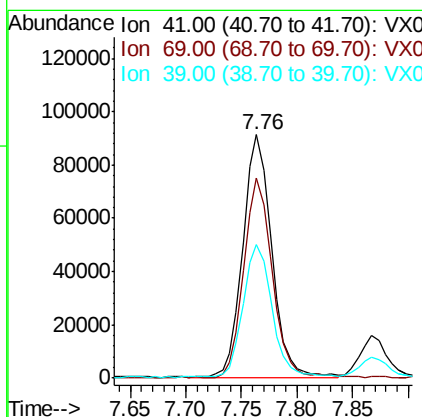
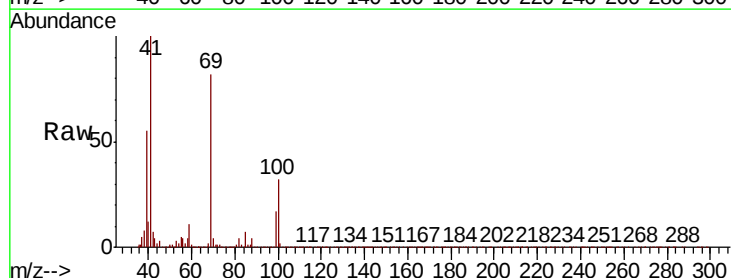
RT: 7.76 min Scan# 1128

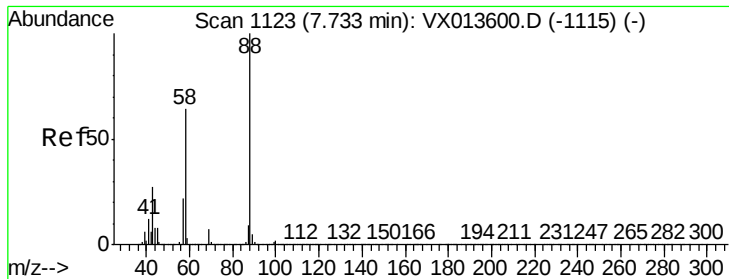
Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	41	Resp:	165082
Ion	Ratio	Lower	Upper
41	100		
69	81.1	64.7	97.1
39	53.9	43.8	65.6





#49

1,4-Dioxane

Concen: 391.024 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

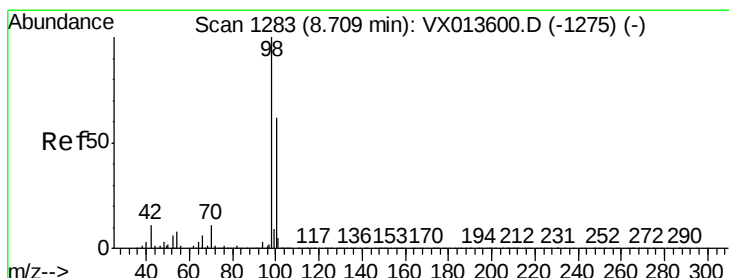
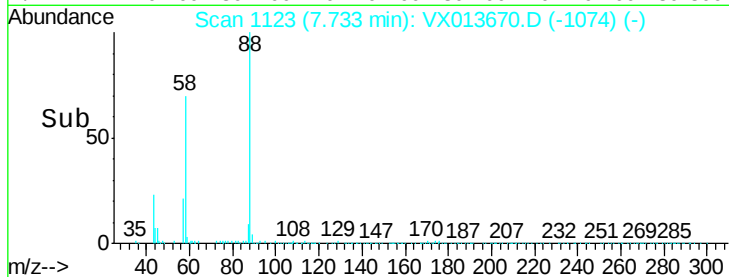
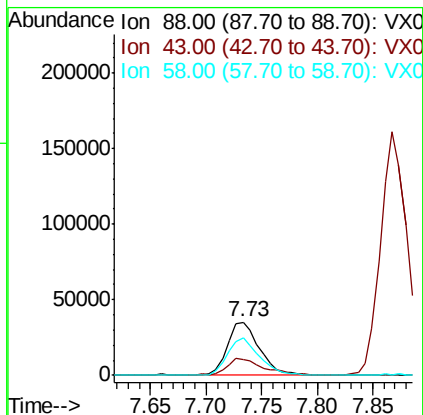
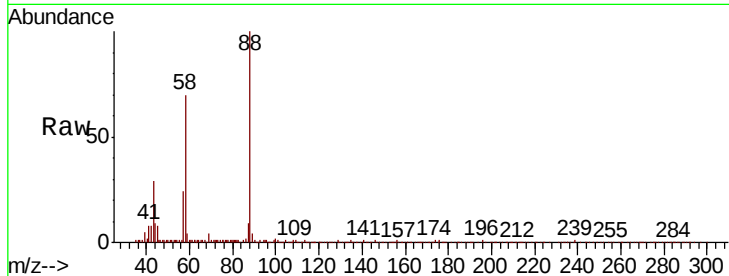
ClientSampleId :

VX1127WBSD03

Tot Ion:	88	Resp:	69454
Ion Ratio	Lower	Upper	
88	100		
43	33.5	25.8	38.6
58	70.2	54.6	82.0

Manual Integrations
APPROVED

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



#50

Toluene-d8

Concen: 48.499 ug/l

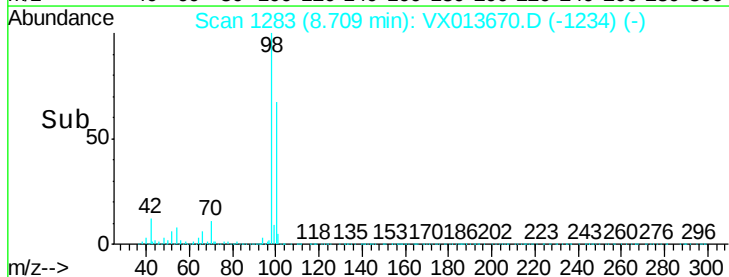
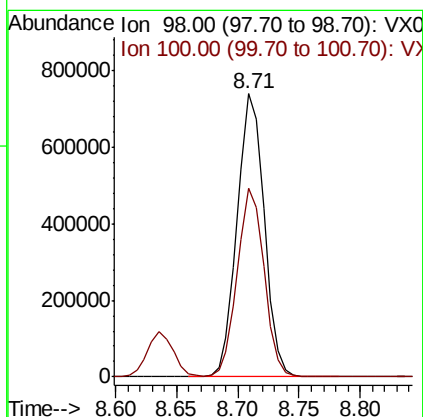
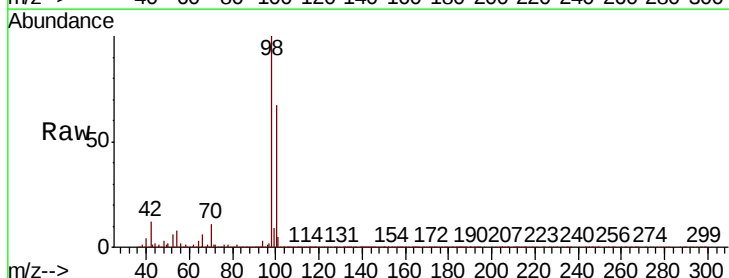
RT: 8.71 min Scan# 1283

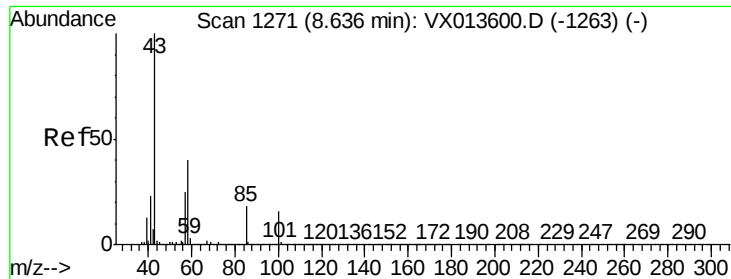
Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	98	Resp:	1137953
Ion Ratio	Lower	Upper	
98	100		
100	65.9	53.1	79.7





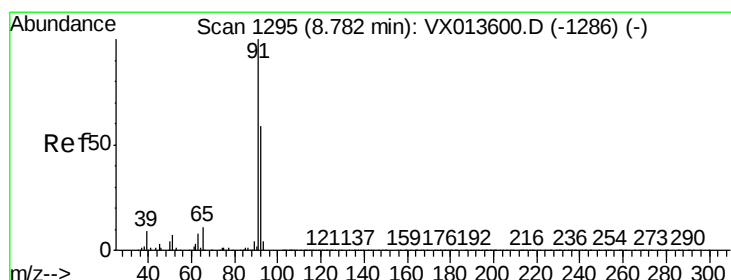
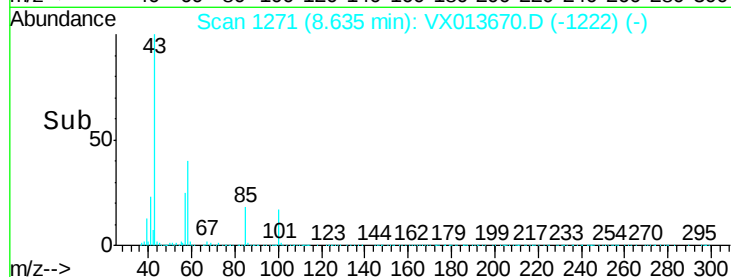
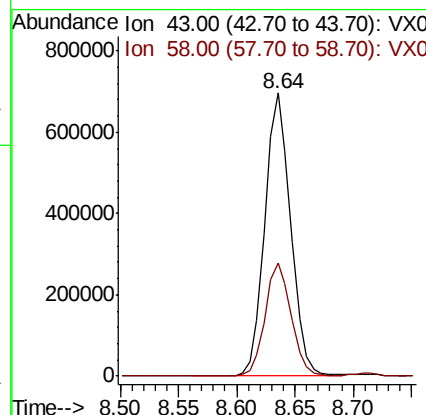
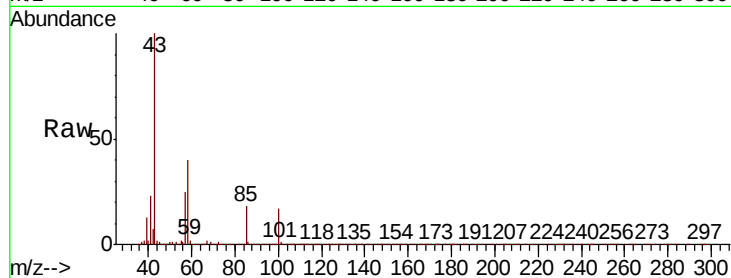
#51
4-Methyl-2-Pentanone
Concen: 104.053 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion: 43 Resp: 1068949
Ion Ratio Lower Upper
43 100
58 40.1 32.1 48.1

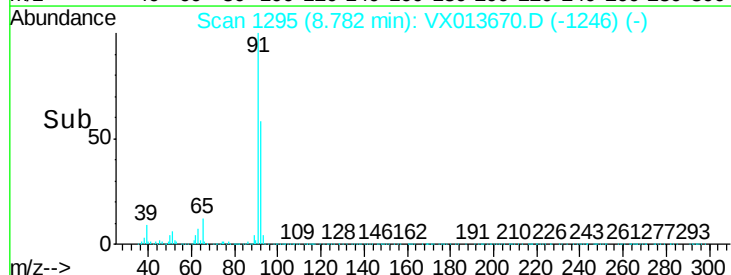
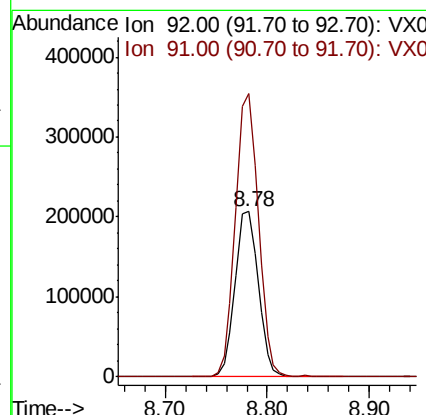
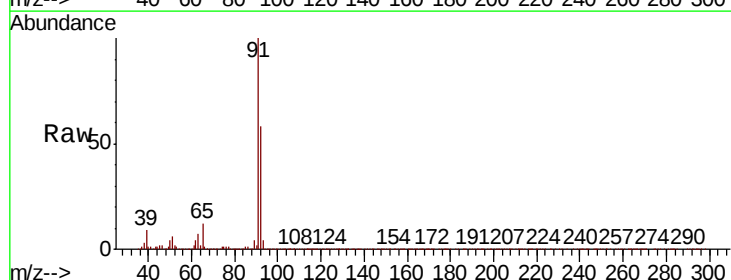
Manual Integrations
APPROVED

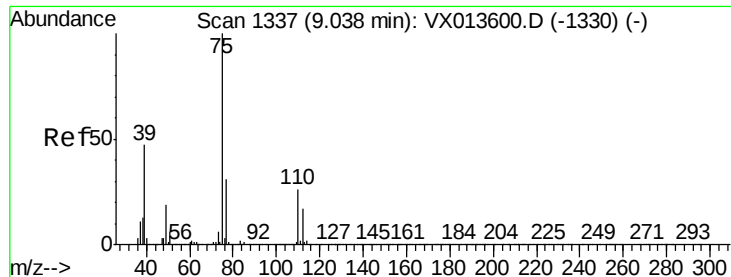
apatel
12/2/2019 3:18:12 PM



#52
Toluene
Concen: 19.496 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion: 92 Resp: 326198
Ion Ratio Lower Upper
92 100
91 169.3 136.2 204.2





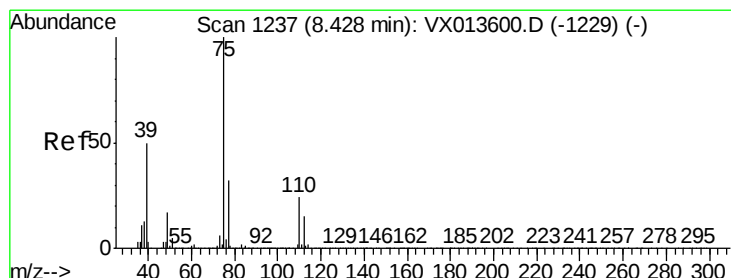
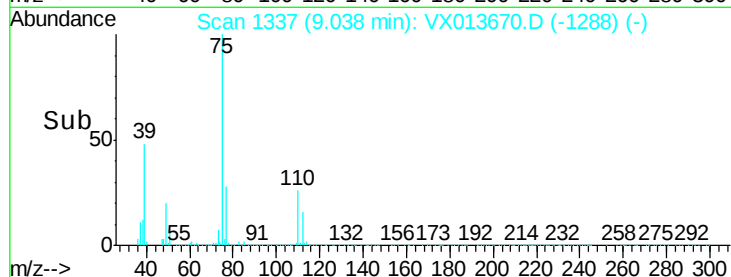
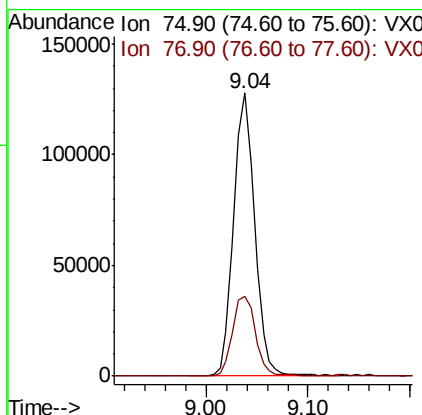
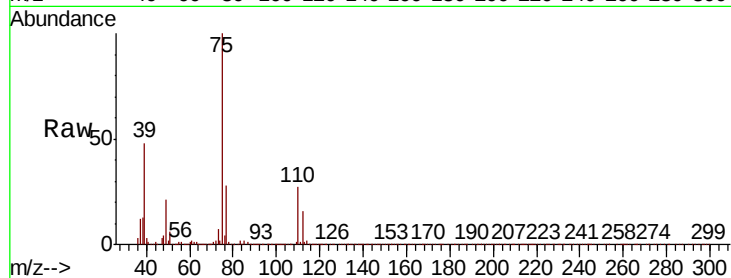
#53
t-1,3-Dichloropropene
Concen: 18.442 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.0	24.4	36.6

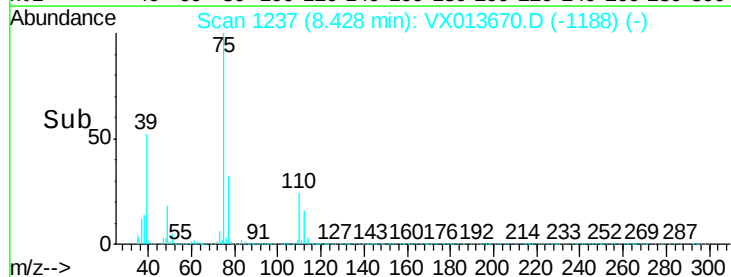
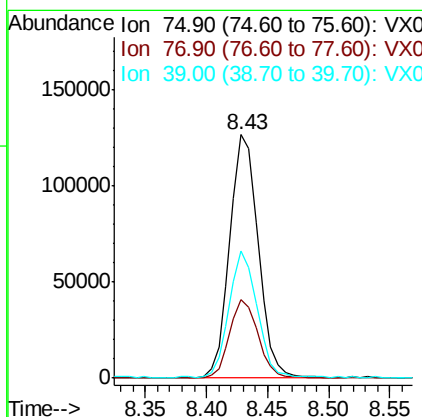
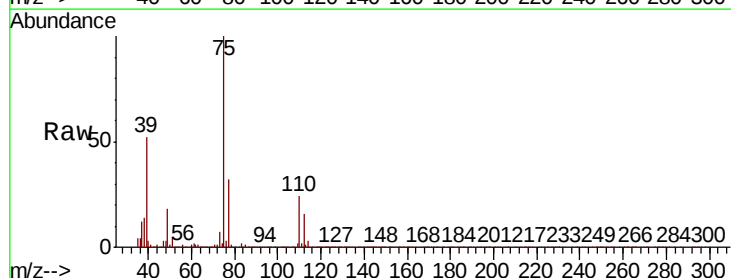
Manual Integrations
APPROVED

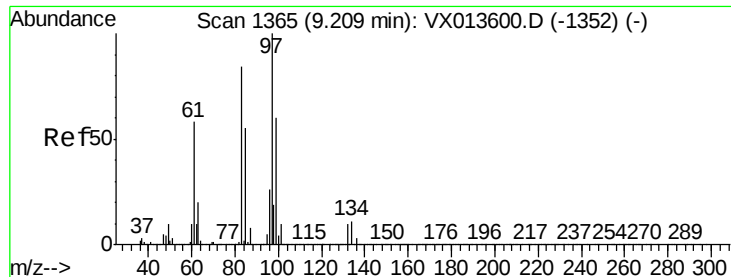
apatel
12/2/2019 3:18:12 PM



#54
cis-1,3-Dichloropropene
Concen: 19.012 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	51.7	39.9	59.9





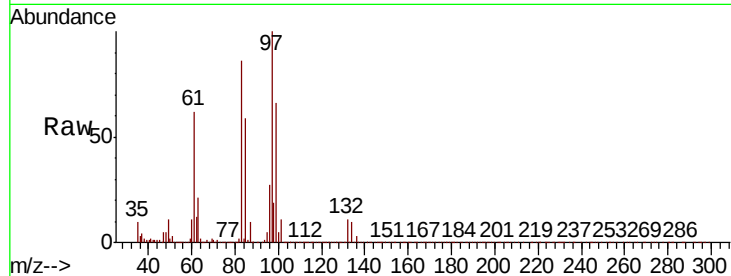
#55
 1,1,2-Trichloroethane
 Concen: 19.969 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

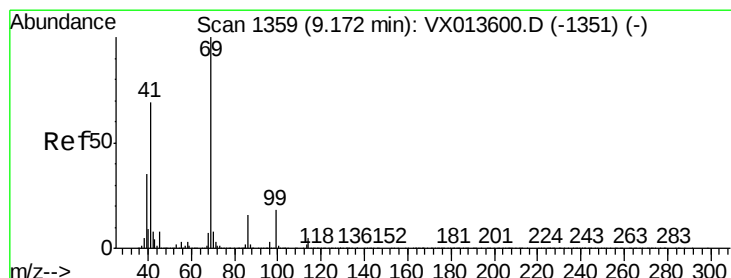
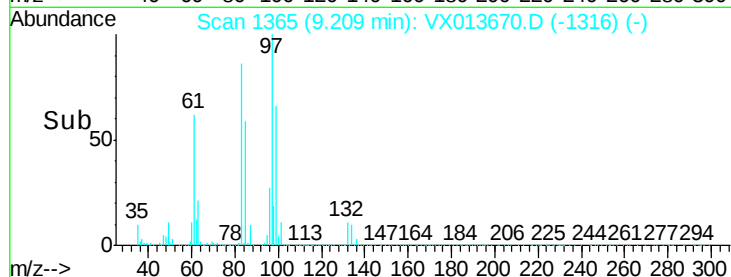
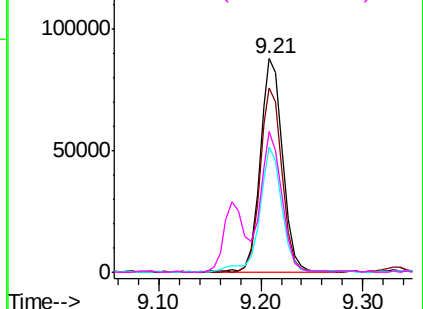
Tot Ion:	97	Resp:	134641
Ion Ratio	Lower	Upper	
97	100		
83	86.0	67.3	100.9
85	58.7	43.6	65.4
99	65.9	48.2	72.4

Manual Integrations
 APPROVED

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

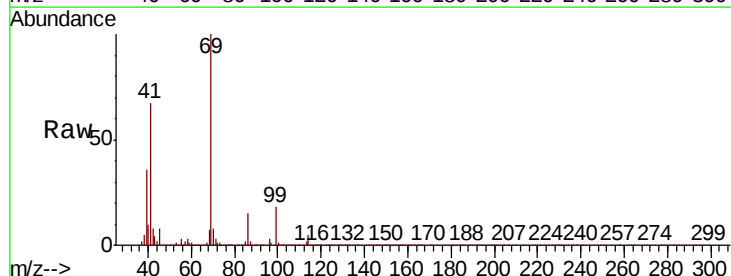


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

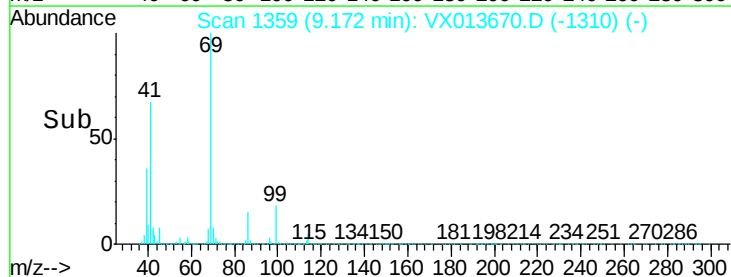
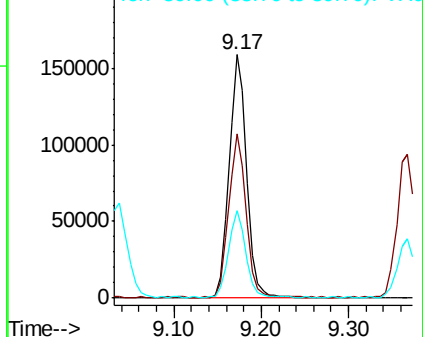


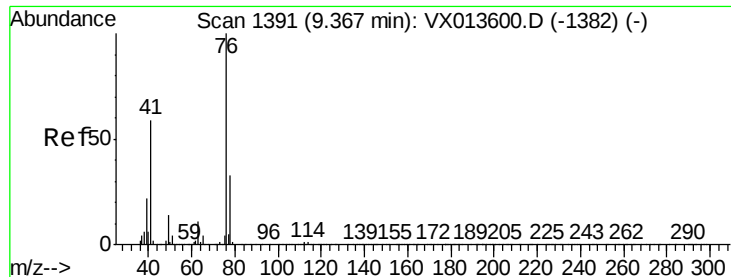
#56
 Ethyl methacrylate
 Concen: 20.235 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion:	69	Resp:	219350
Ion Ratio	Lower	Upper	
69	100		
41	66.3	55.0	82.4
39	35.2	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.789 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 76 Resp: 229983

Ion Ratio Lower Upper

76 100

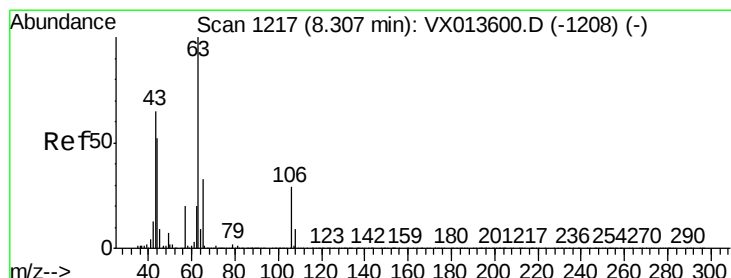
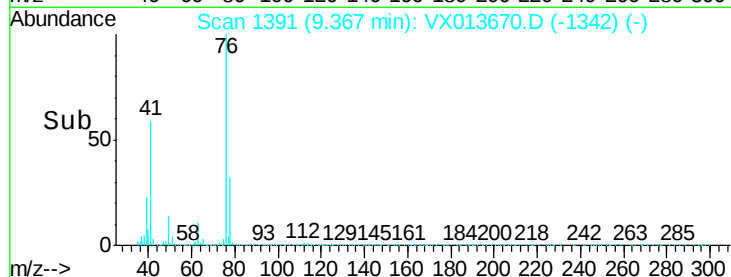
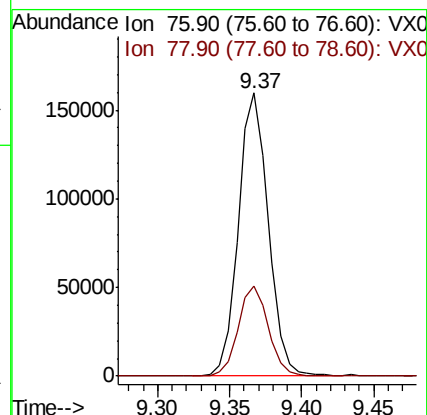
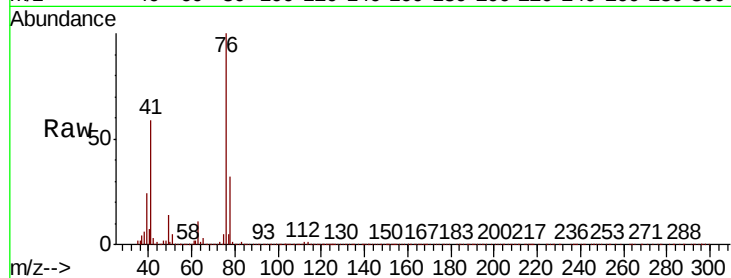
78 32.6 26.0 39.0

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:12 PM



#58

2-Chloroethyl Vinyl ether

Concen: 100.391 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013670.D

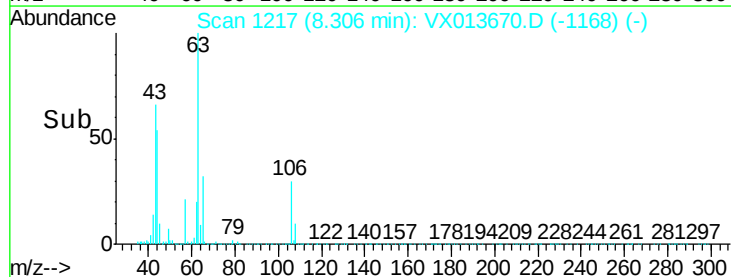
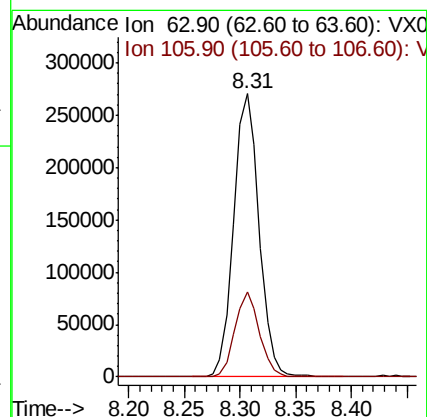
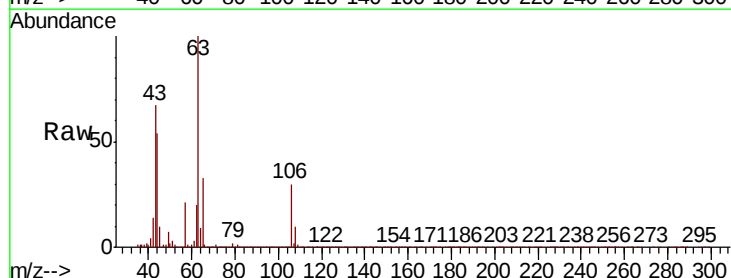
Acq: 27 Nov 2019 23:14

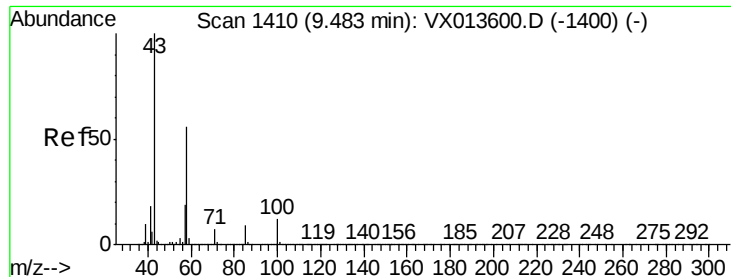
Tgt Ion: 63 Resp: 426673

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





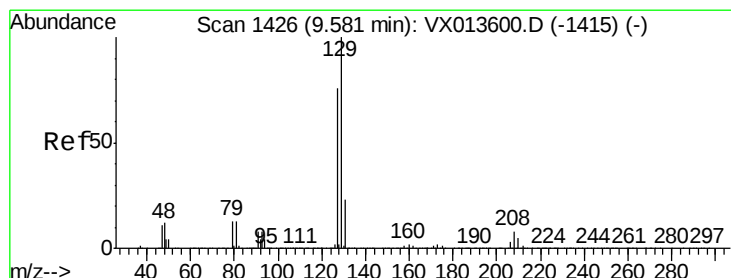
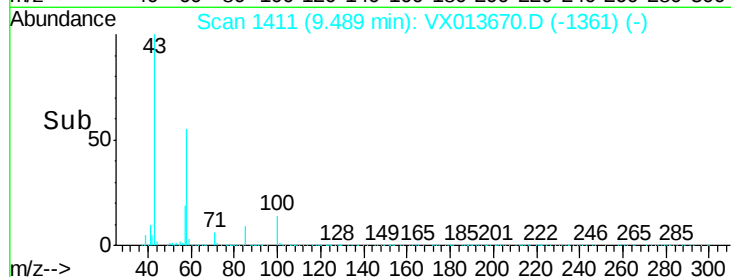
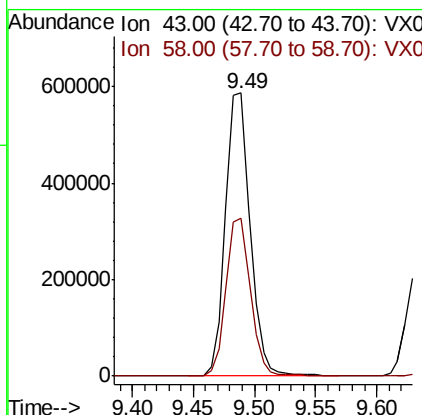
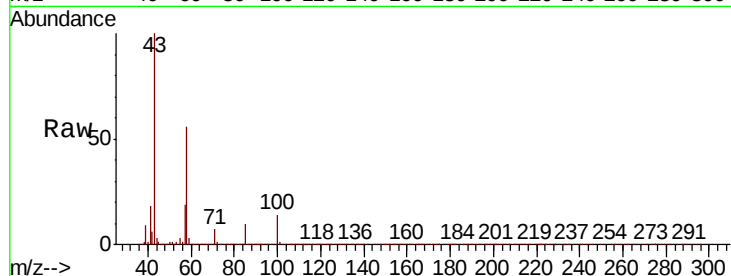
#59
2-Hexanone
Concen: 102.289 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion: 43 Resp: 819560
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.4

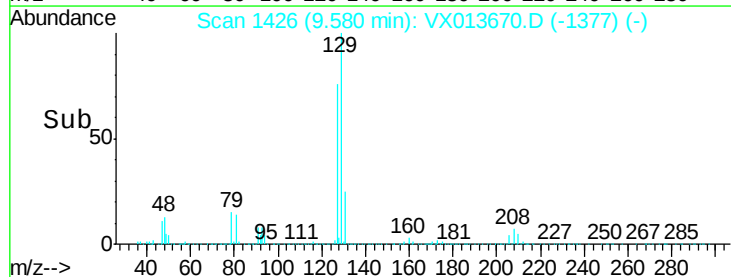
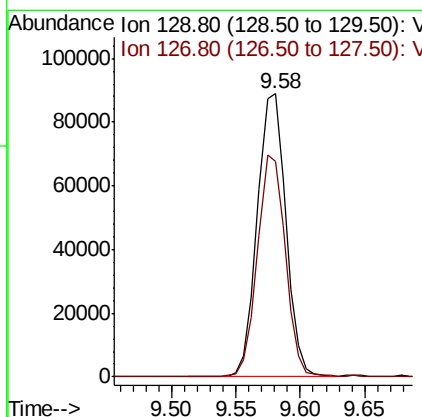
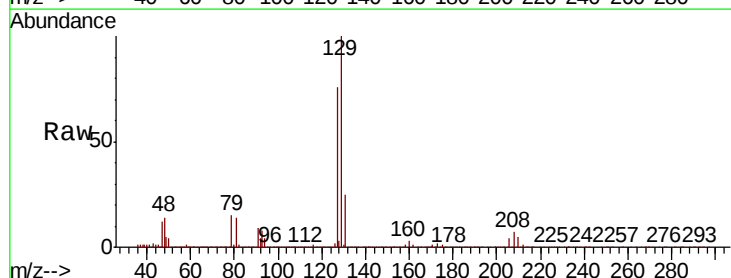
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 19.383 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion: 129 Resp: 135627
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.086 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion: 107 Resp: 144641

Ion Ratio Lower Upper

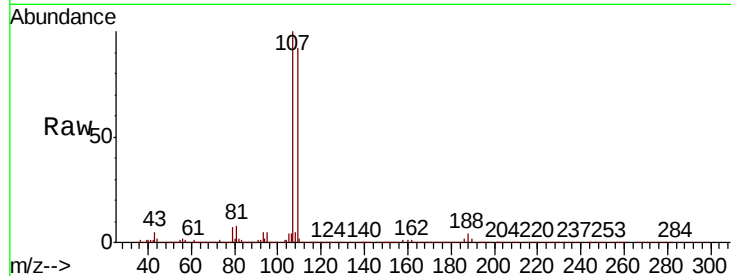
107 100

109 91.0 76.1 114.1

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:12 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

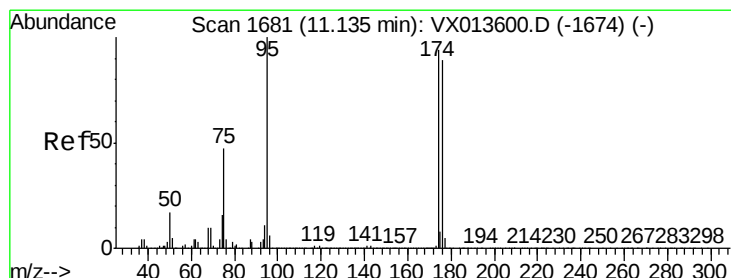
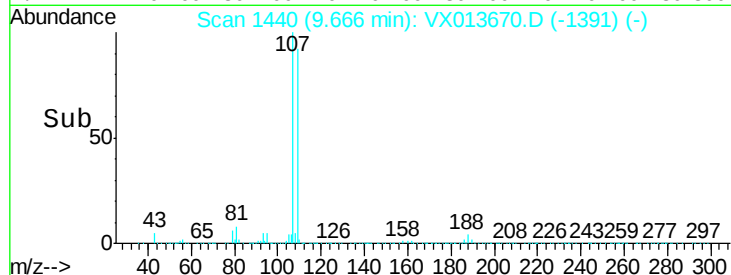
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.517 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

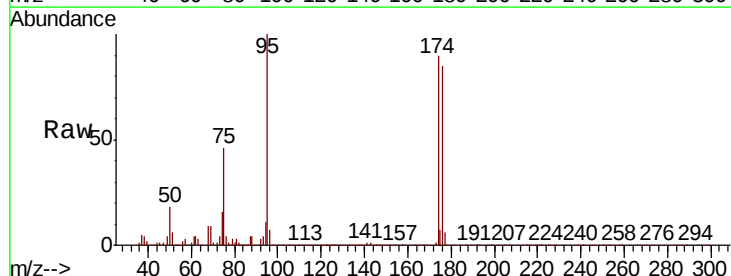
Tgt Ion: 95 Resp: 402039

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

176 85.5 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

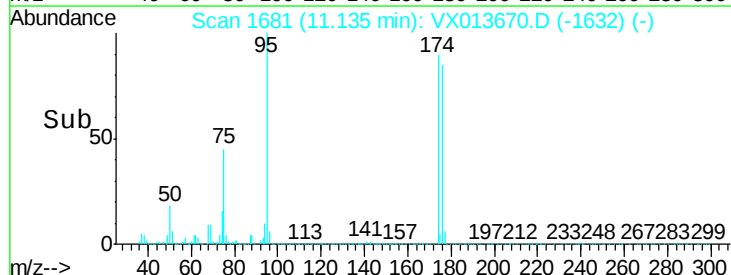
200000

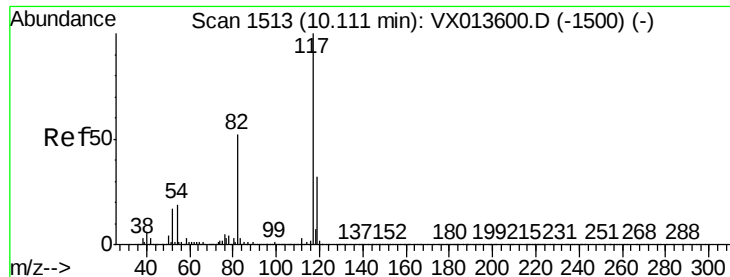
100000

0

11.10 11.20

Time-->





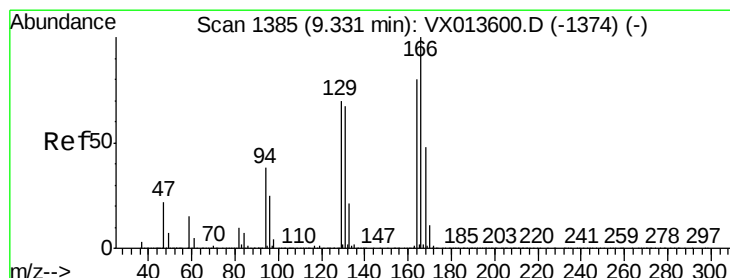
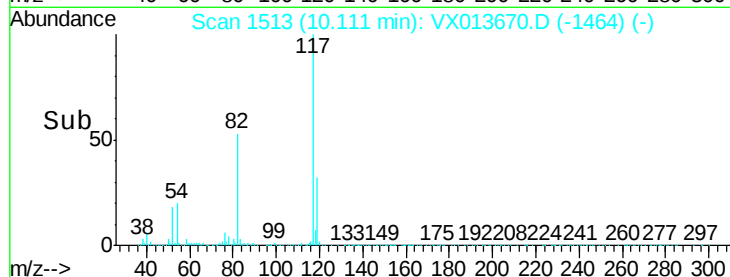
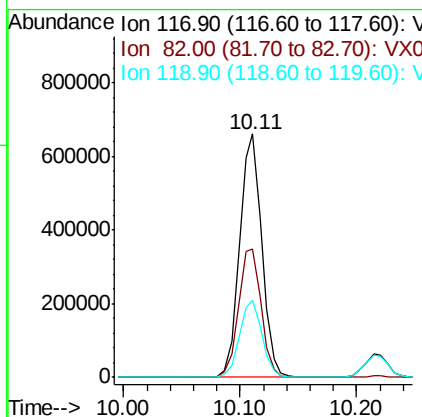
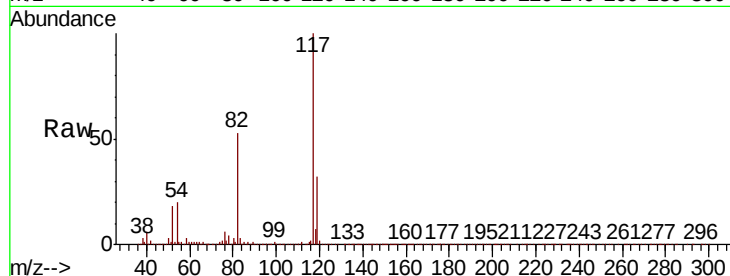
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	876174		
82	52.9		41.8	62.8
119	31.8		25.8	38.8

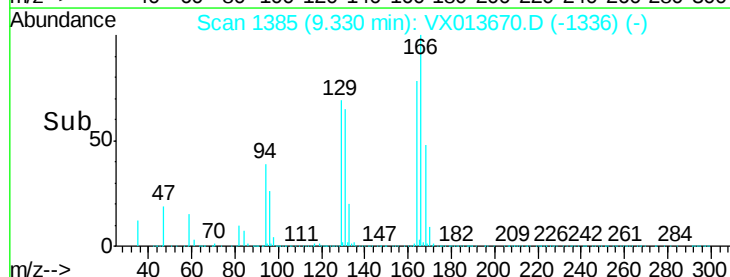
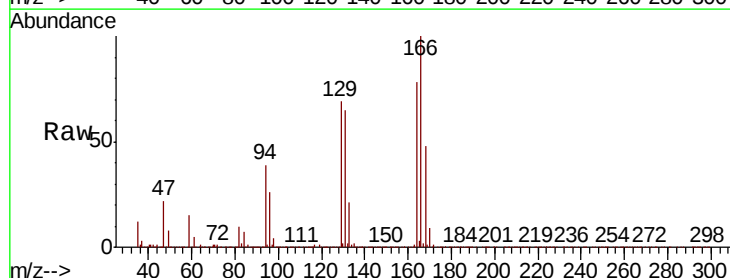
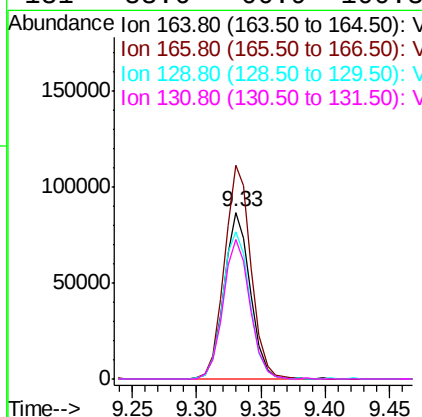
Manual Integrations
APPROVED

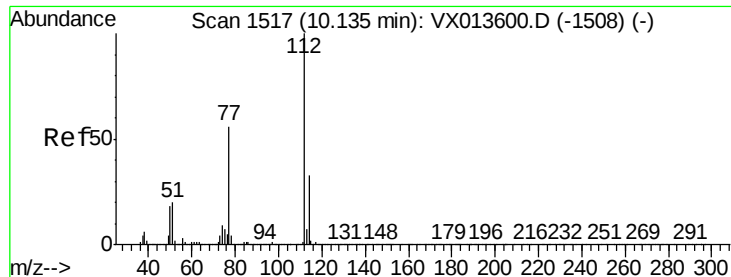
apatel
12/2/2019 3:18:12 PM



#64
Tetrachloroethene
Concen: 18.971 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	123955		
166	127.9		99.7	149.5
129	88.0		70.1	105.1
131	83.6		66.9	100.3





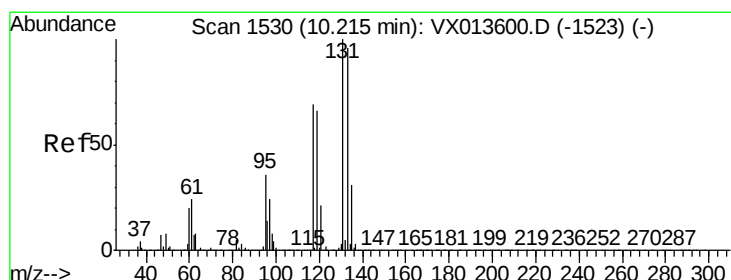
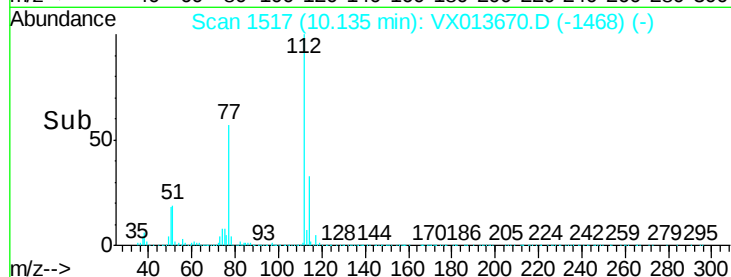
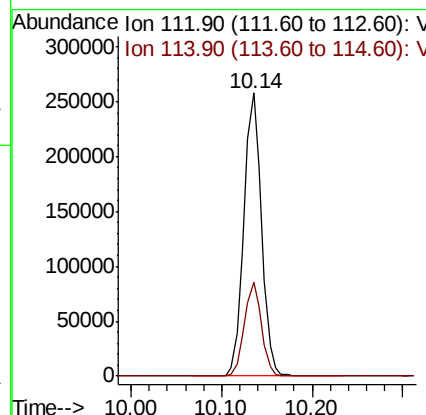
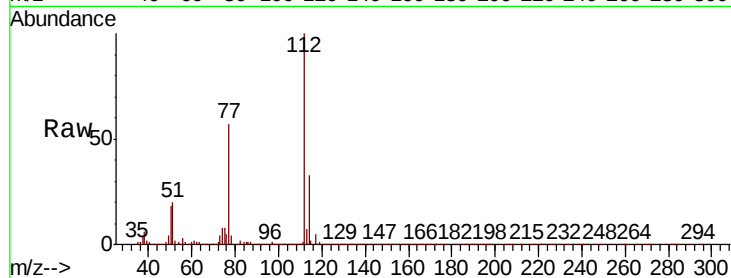
#65
Chlorobenzene
Concen: 19.214 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	26.1	39.1

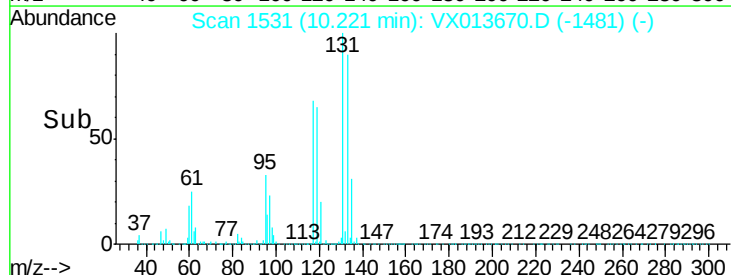
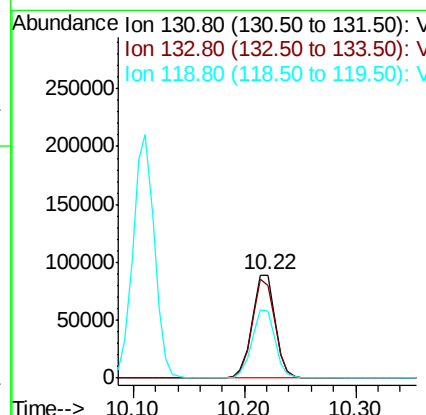
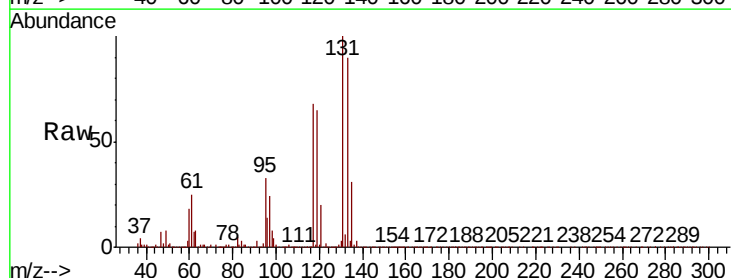
Manual Integrations
APPROVED

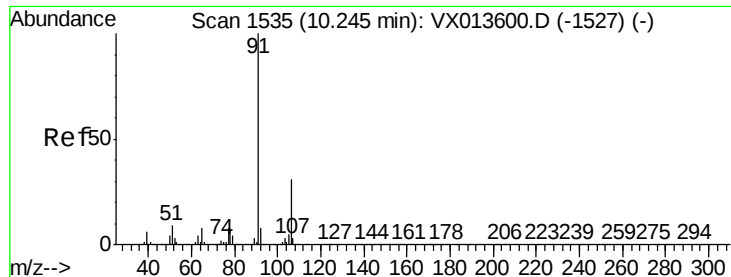
apatel
12/2/2019 3:18:12 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.693 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.7	143.1
119	65.7	32.9	98.6





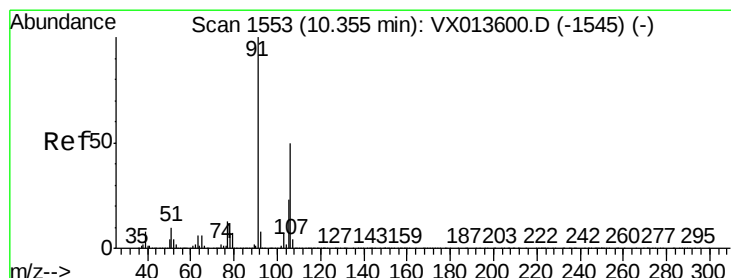
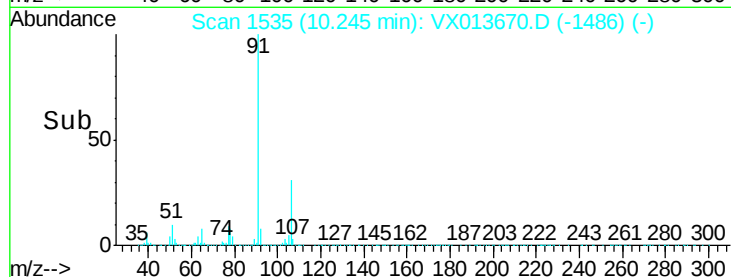
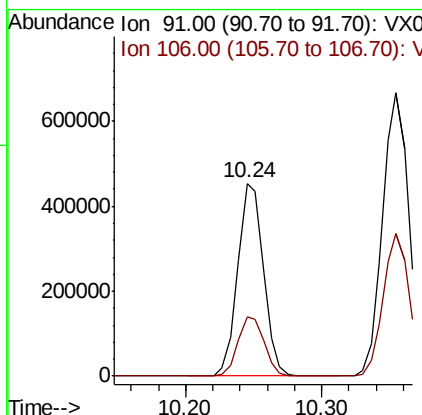
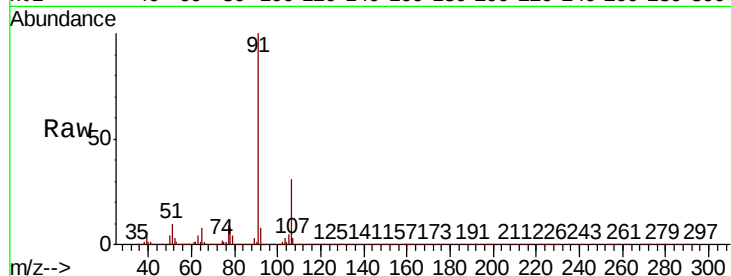
#67
Ethyl Benzene
Concen: 19.150 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.5	36.7

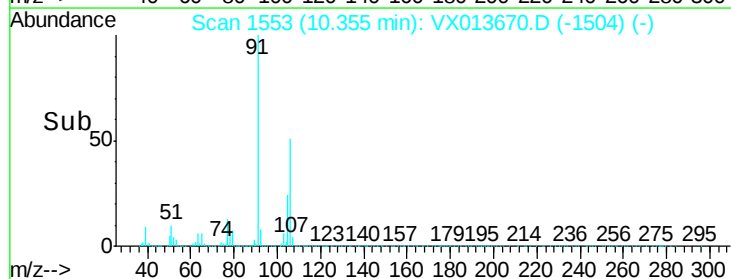
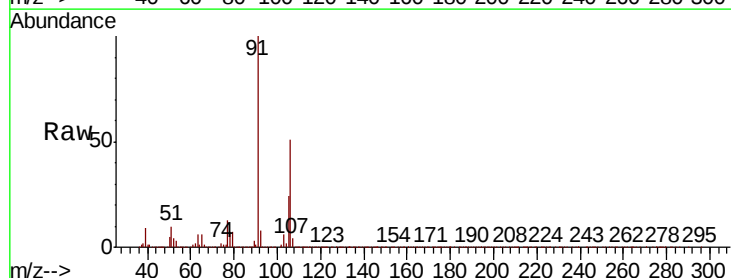
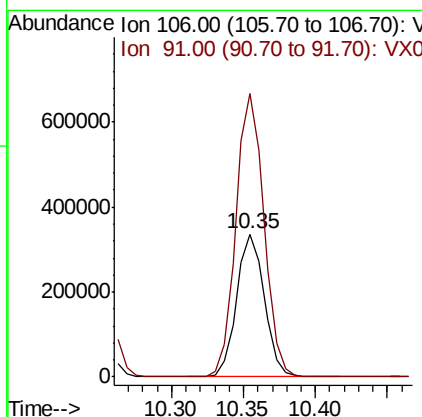
Manual Integrations
APPROVED

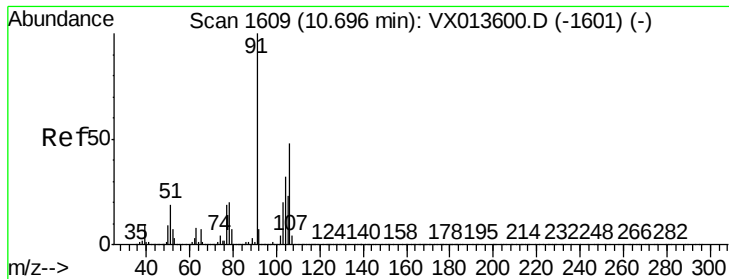
apatel
12/2/2019 3:18:12 PM



#68
m/p-Xylenes
Concen: 37.564 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.3	159.0	238.4





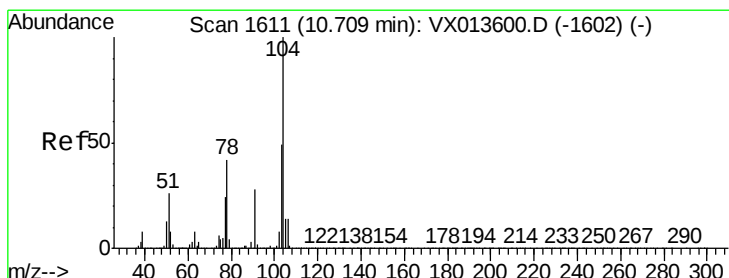
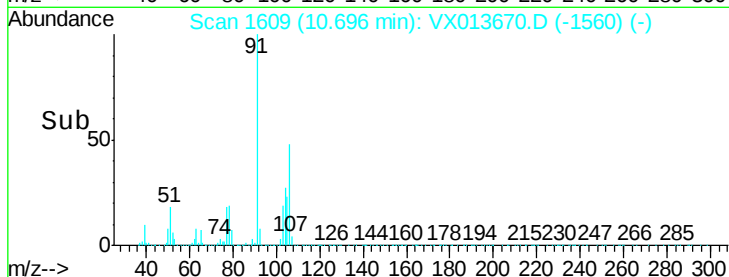
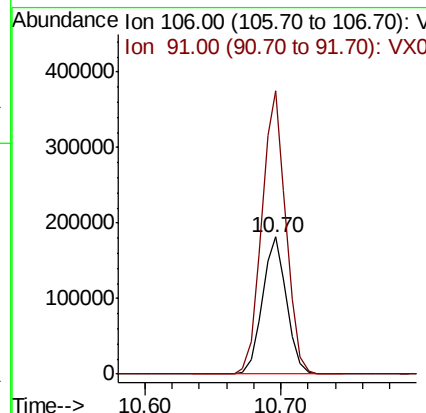
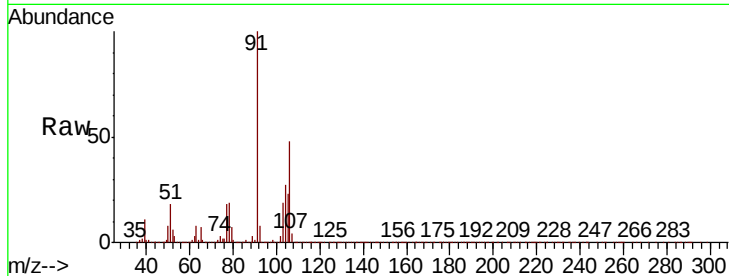
#69
o-Xylene
Concen: 19.334 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.8	104.1	312.2

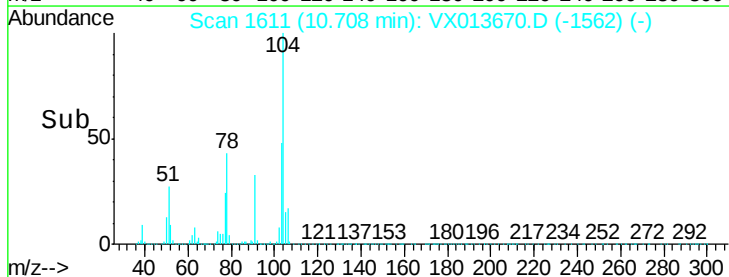
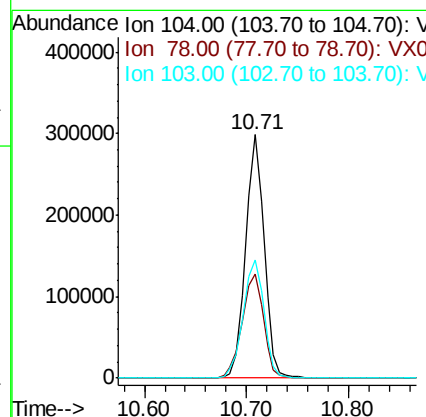
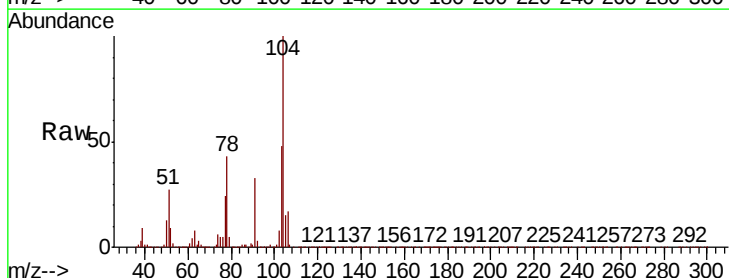
Manual Integrations
APPROVED

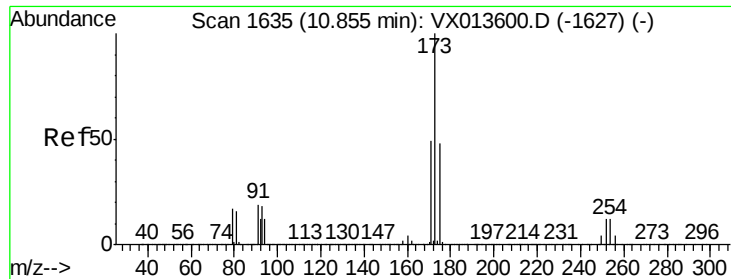
apatel
12/2/2019 3:18:12 PM



#70
Styrene
Concen: 19.023 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	38.5	57.7
103	55.1	43.7	65.5





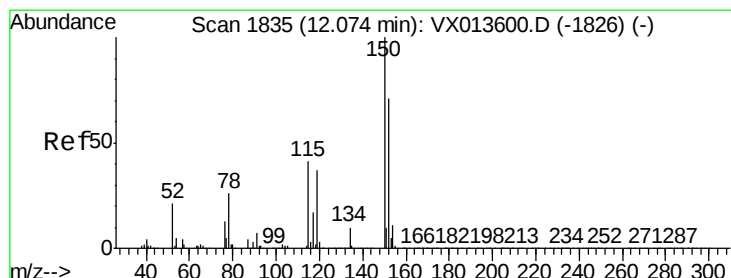
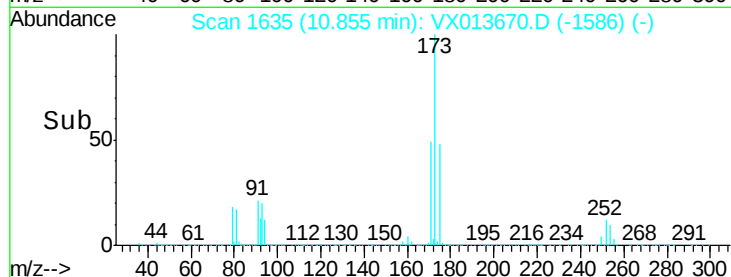
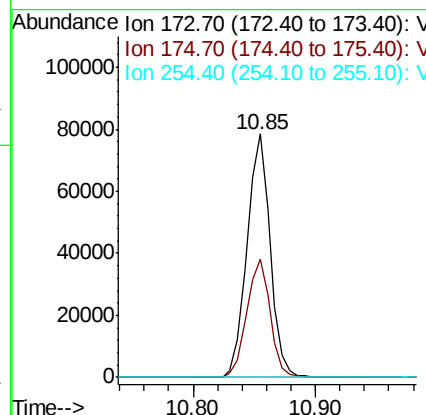
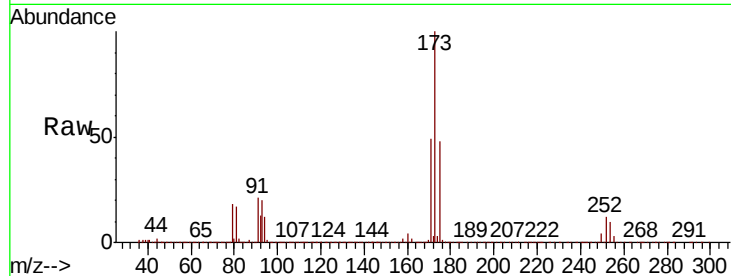
#71
Bromoform
Concen: 18.890 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.3	72.8
254	0.1	0.2	0.4

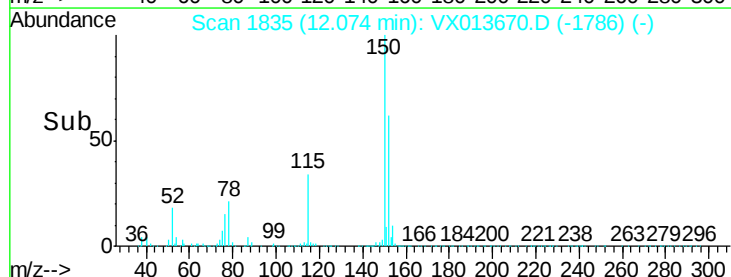
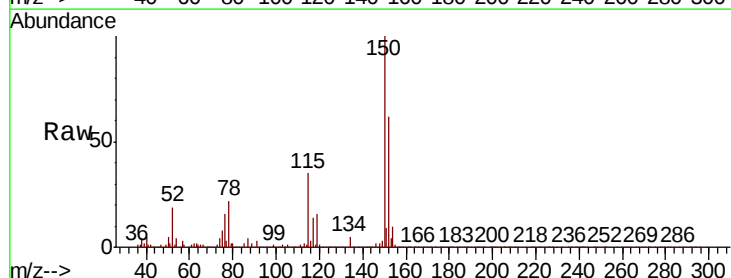
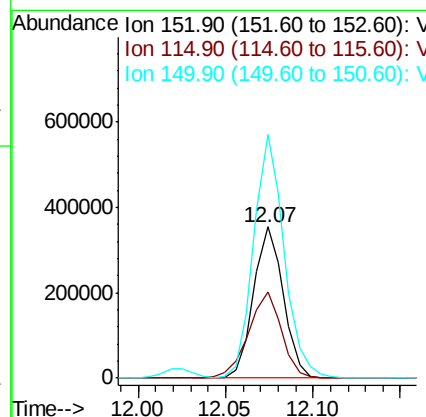
Manual Integrations
APPROVED

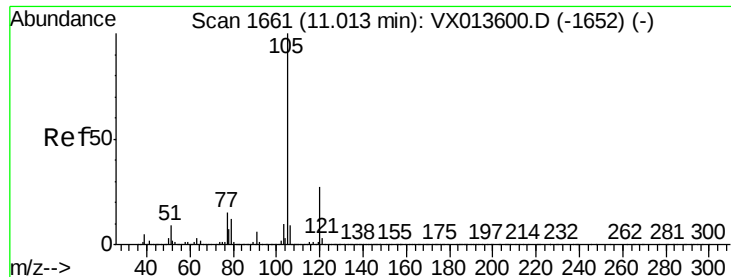
apatel
12/2/2019 3:18:12 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	38.4	115.1
150	165.4	0.0	346.8





#73

Isopropylbenzene

Concen: 19.836 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion:105 Resp: 582077

Ion Ratio Lower Upper

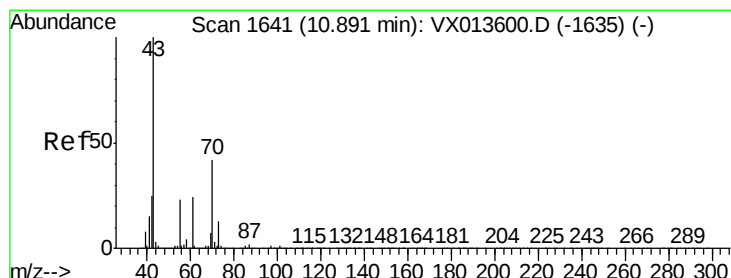
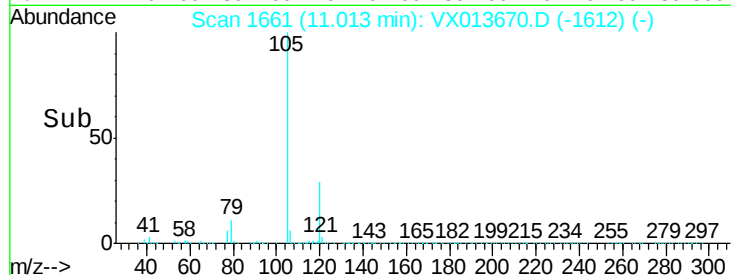
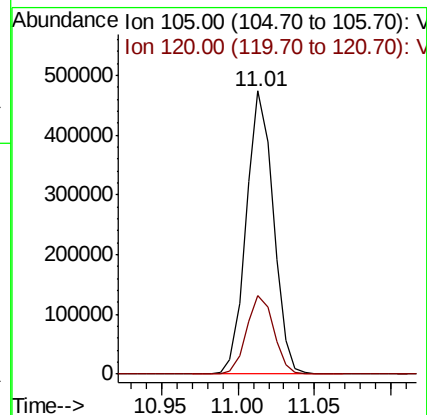
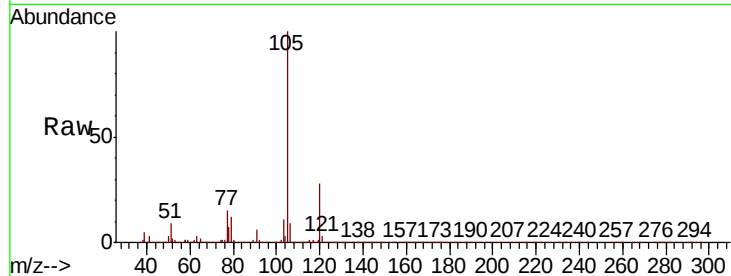
105 100

120 27.9 13.5 40.5

Manual Integrations
APPROVED

apatel

12/2/2019 3:18:12 PM



#74

N-ethyl acetate

Concen: 20.522 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion: 43 Resp: 275860

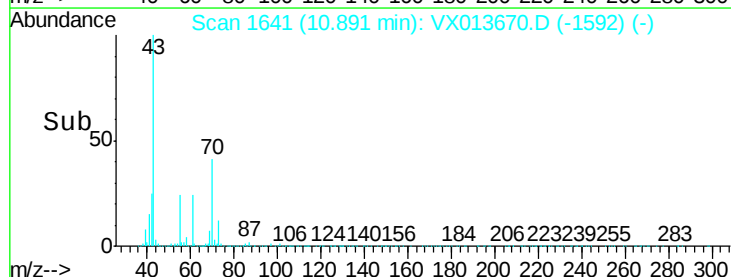
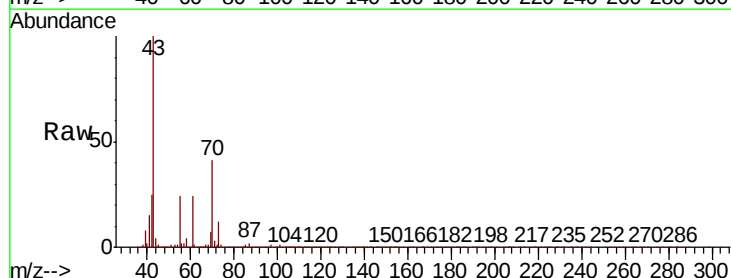
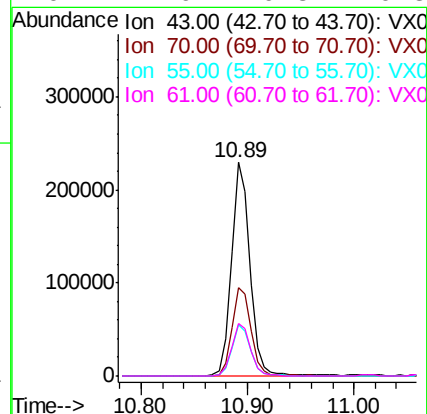
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.7 18.5 27.7

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.382 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

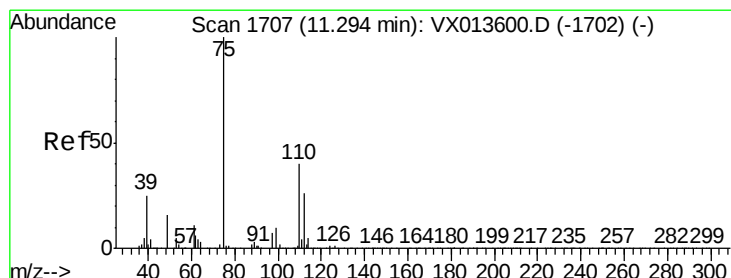
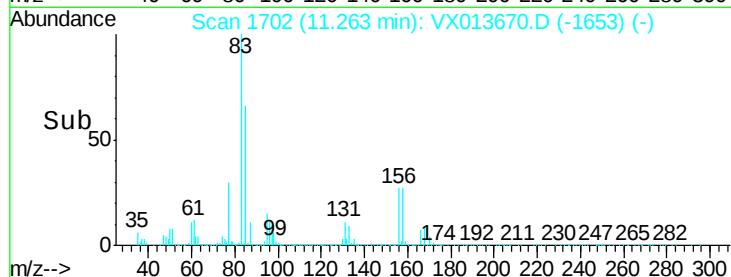
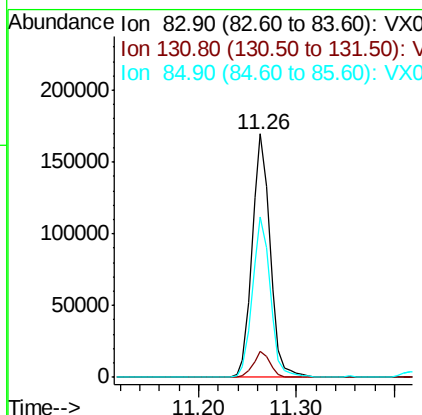
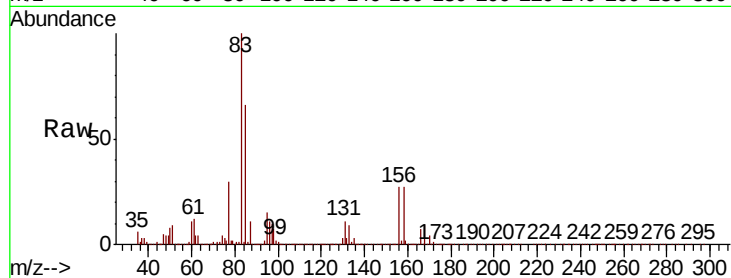
ClientSampleId :

VX1127WBSD03

Tot Ion:	83	Resp:	217591
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	64.9	31.8	95.3

Manual Integrations
APPROVED

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



#76

1,2,3-Trichloropropane

Concen: 17.526 ug/l m

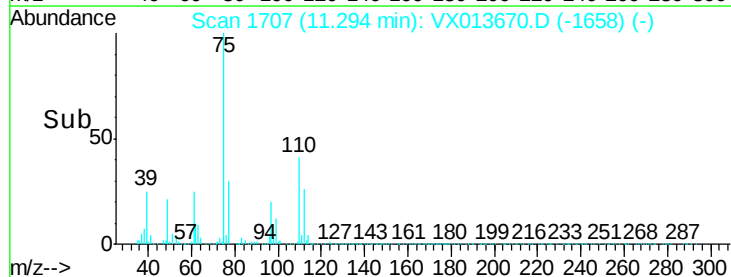
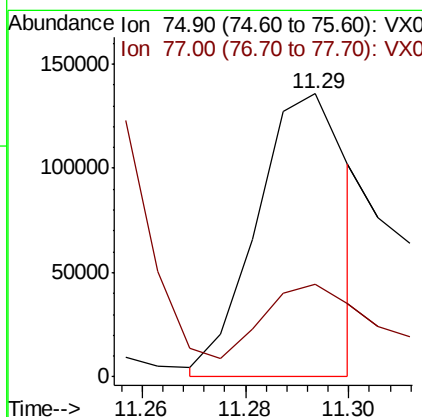
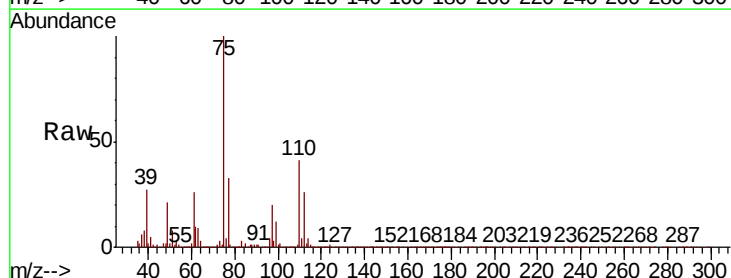
RT: 11.29 min Scan# 1707

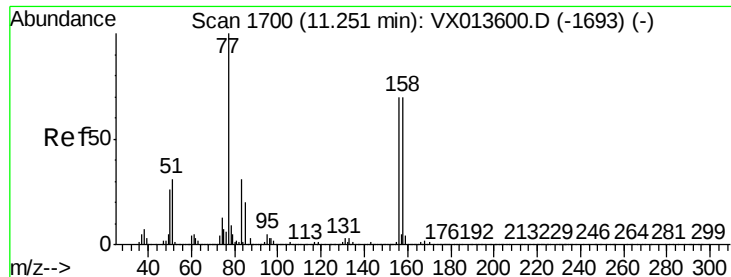
Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	75	Resp:	164903
Ion Ratio	Lower	Upper	
75	100		
77	45.3	19.1	57.5





#77

Bromobenzene

Concen: 19.679 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

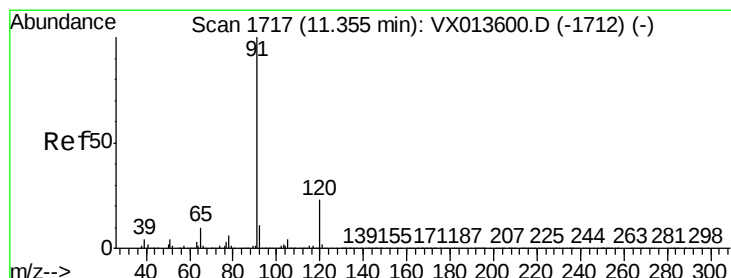
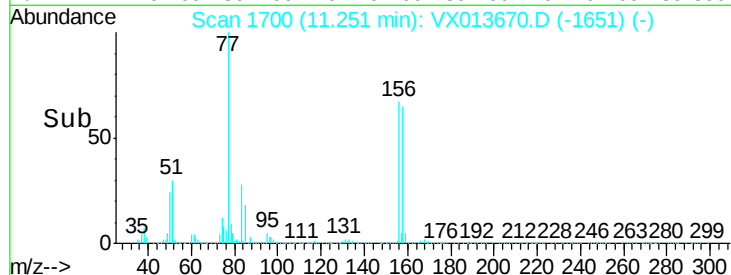
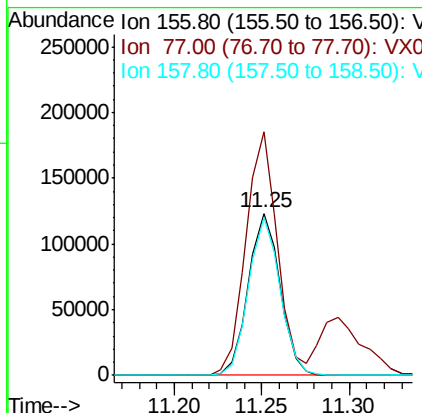
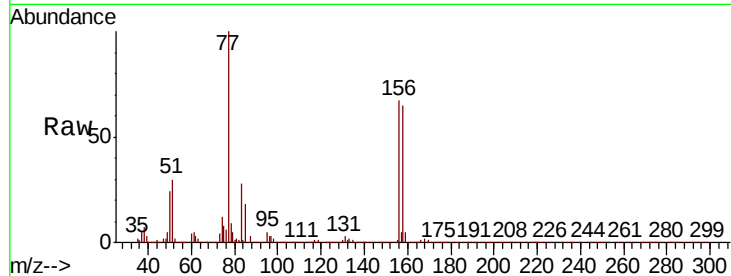
ClientSampleId :

VX1127WBSD03

Tot Ion:	156	Resp:	156004
Ion Ratio	Lower	Upper	
156	100		
77	149.1	74.4	223.1
158	97.1	48.9	146.6

Manual Integrations
APPROVED

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



#78

n-propylbenzene

Concen: 19.791 ug/l

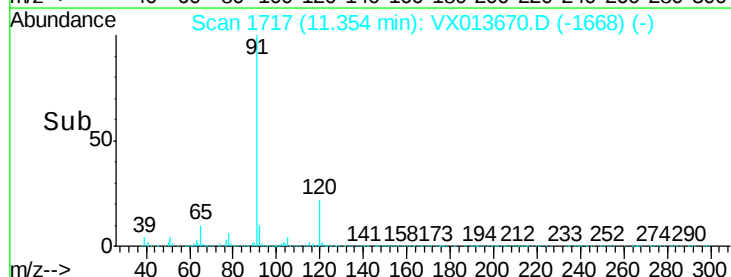
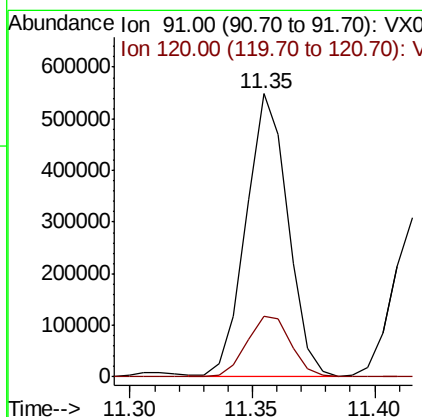
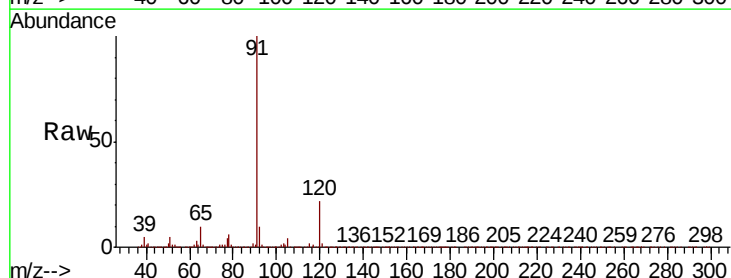
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Tgt Ion:	91	Resp:	648281
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.8	35.3





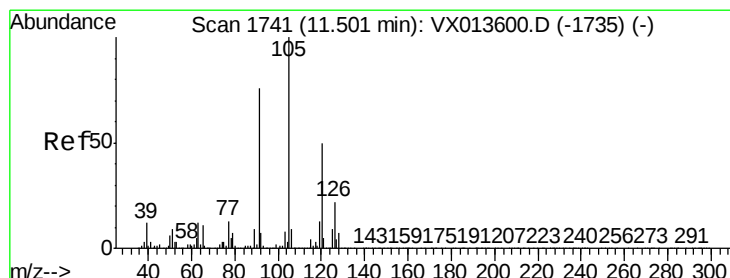
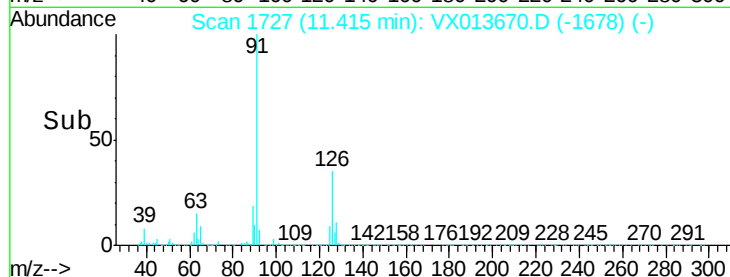
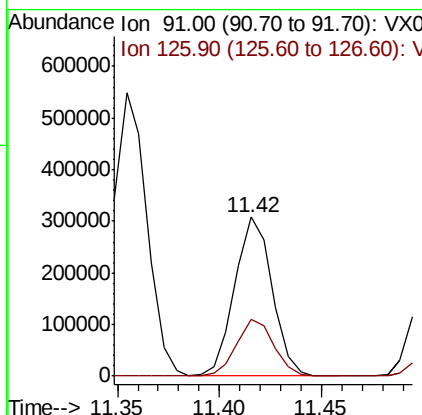
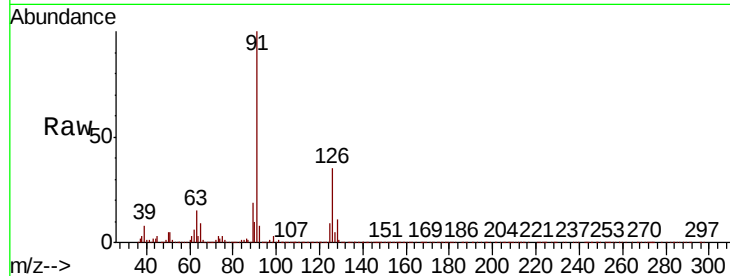
#79
2-Chlorotoluene
Concen: 19.815 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	35.6	17.5	52.5	

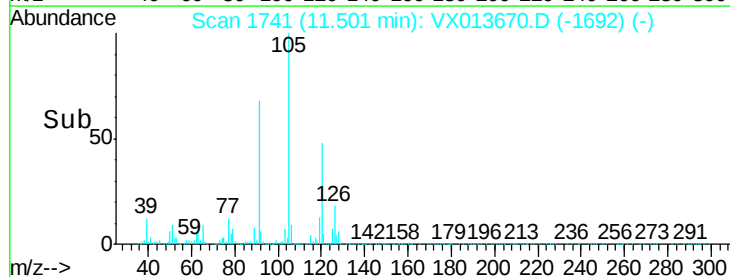
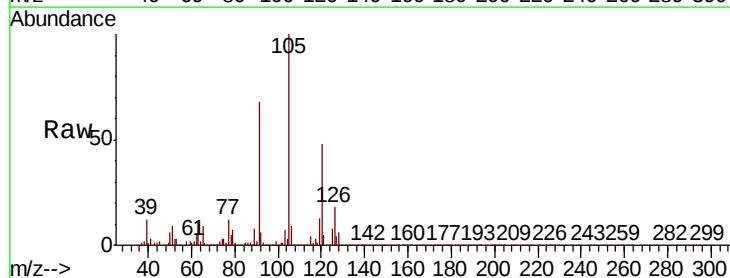
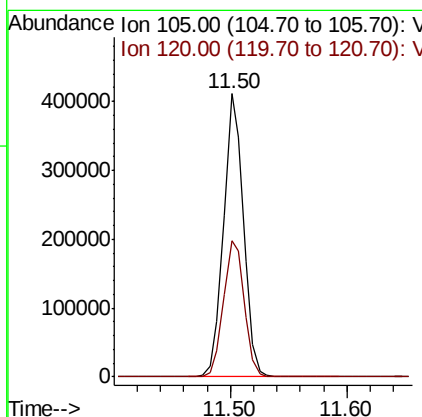
Manual Integrations
APPROVED

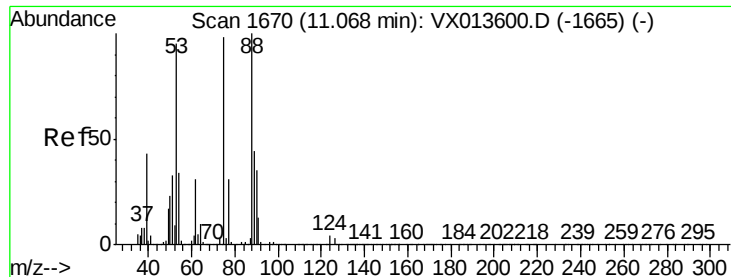
apatel
12/2/2019 3:18:12 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.092 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	50.2	25.3	75.9	





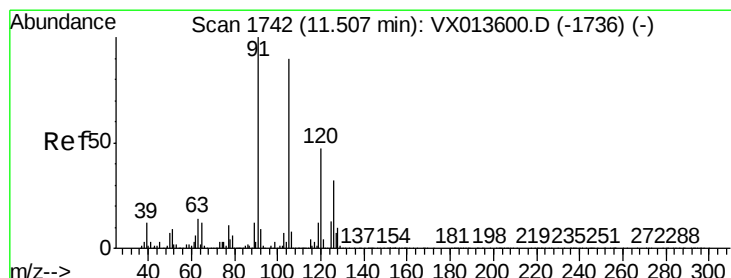
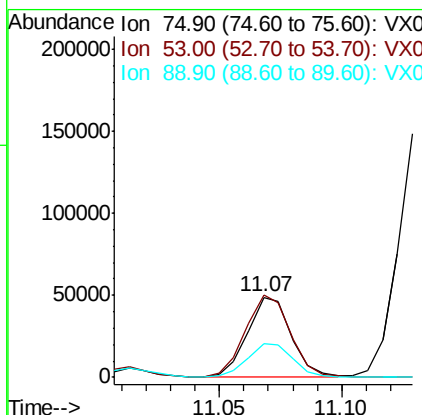
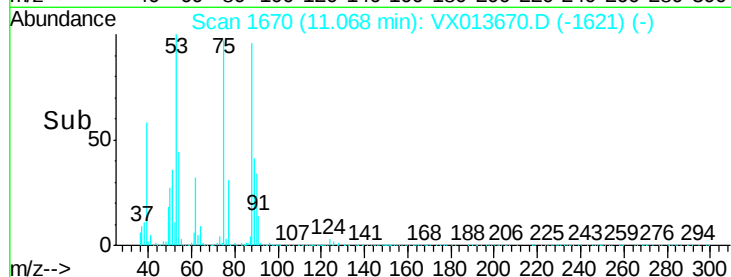
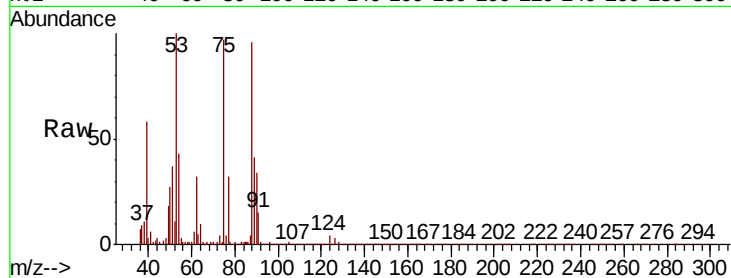
#81
trans-1,4-Dichloro-2-butene
Concen: 17.558 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	78.2	117.2
89	44.7	35.4	53.2

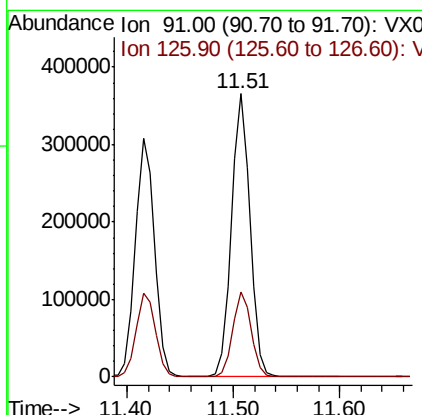
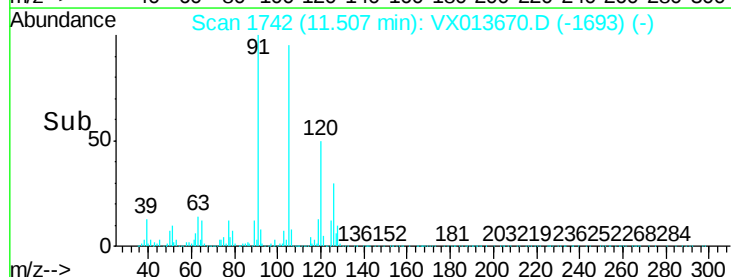
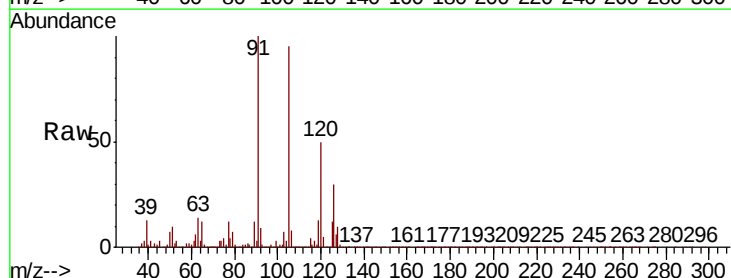
Manual Integrations
APPROVED

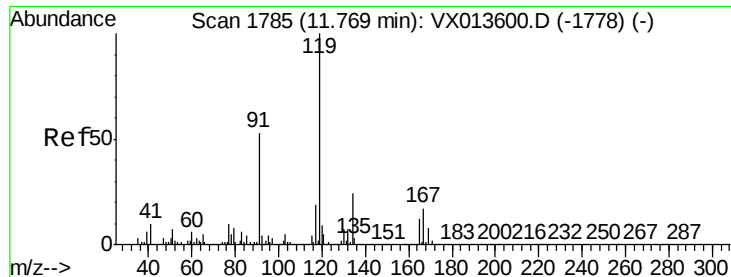
apatel
12/2/2019 3:18:12 PM



#82
4-Chlorotoluene
Concen: 19.694 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.7	47.0





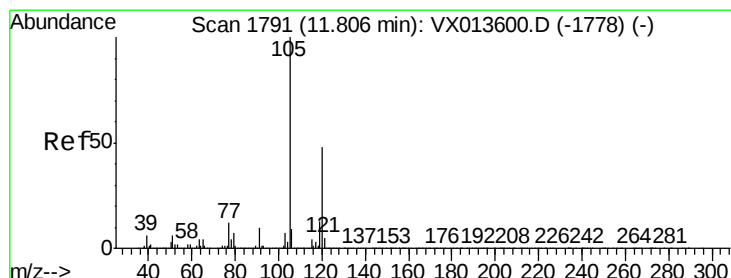
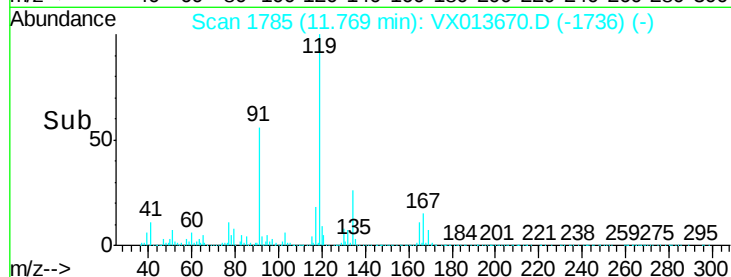
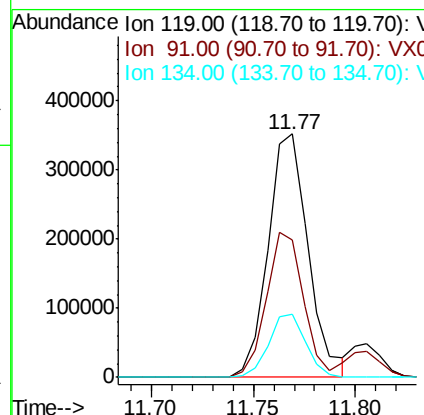
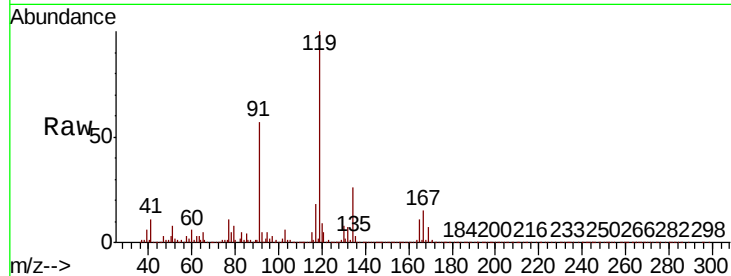
#83
tert-Butylbenzene
Concen: 19.682 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.2	81.6
134	24.2	11.7	35.1

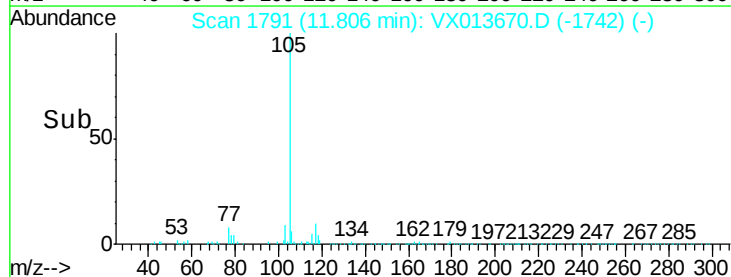
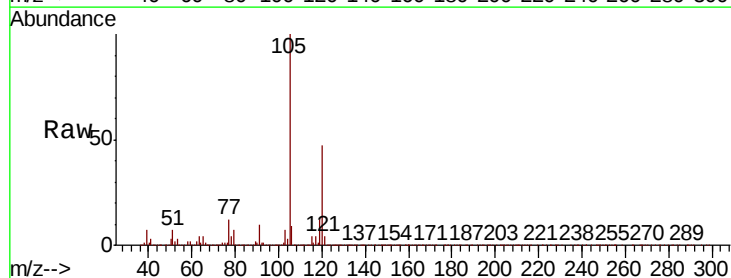
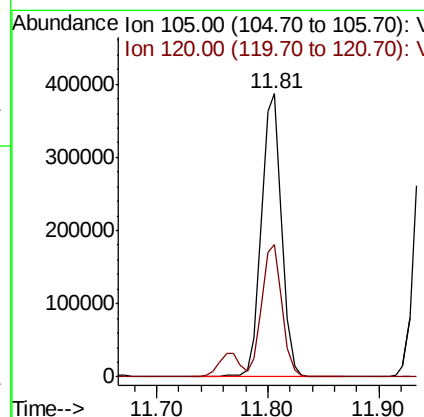
Manual Integrations
APPROVED

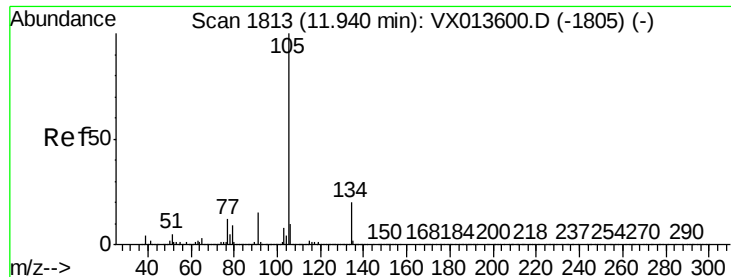
apatel
12/2/2019 3:18:12 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.047 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.707 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD03

Tot Ion:105 Resp: 550181

Ion Ratio Lower Upper

105 100

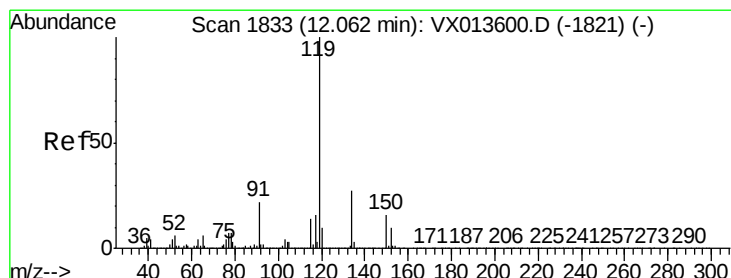
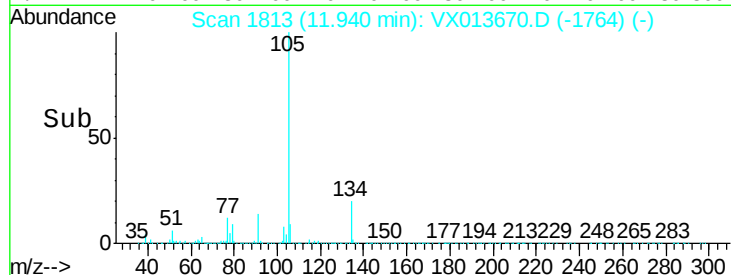
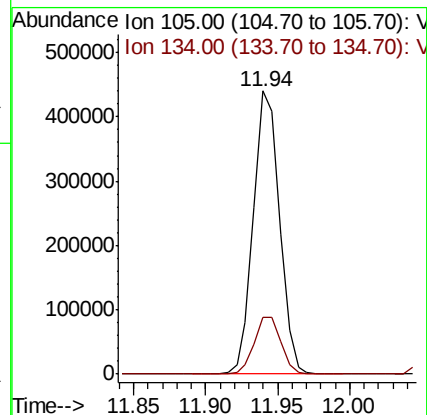
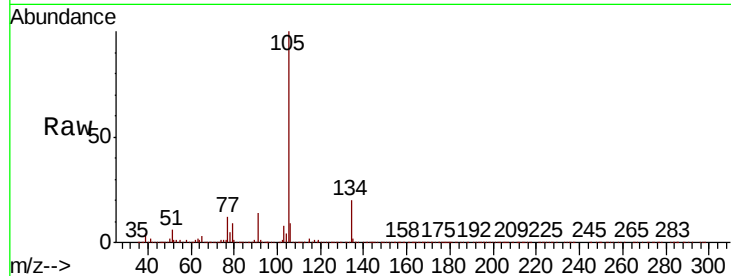
134 20.7 10.4 31.2

Manual Integrations

APPROVED

apatel

12/2/2019 3:18:12 PM



#86

p-Isopropyltoluene

Concen: 19.305 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

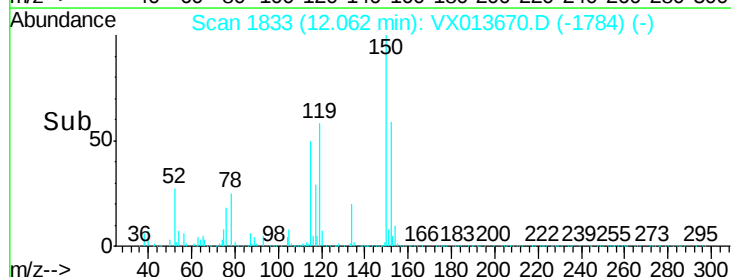
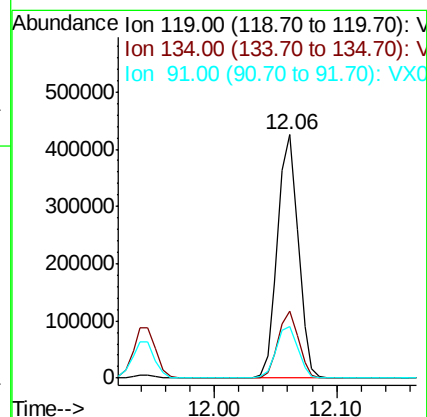
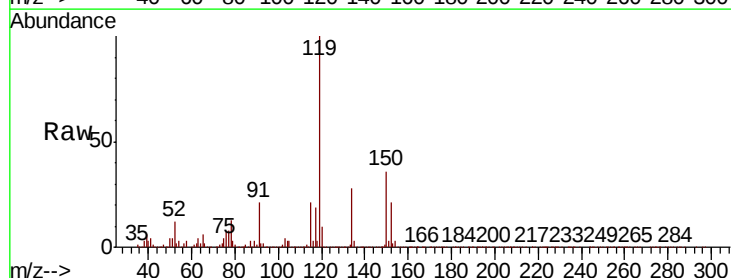
Tgt Ion:119 Resp: 501385

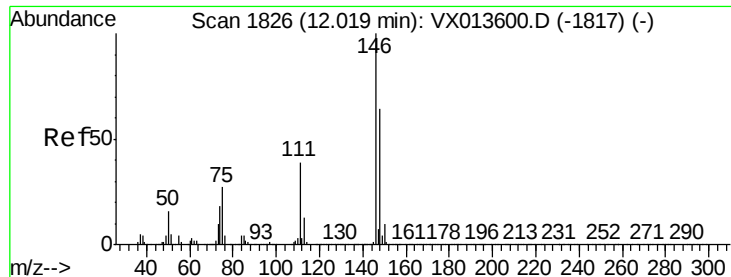
Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.9

91 22.3 11.3 33.8





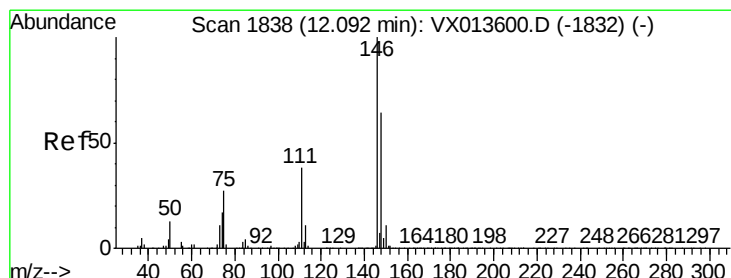
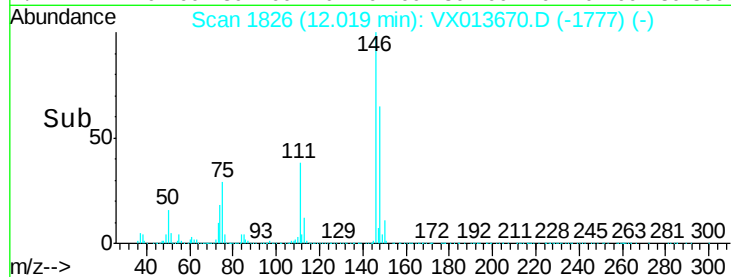
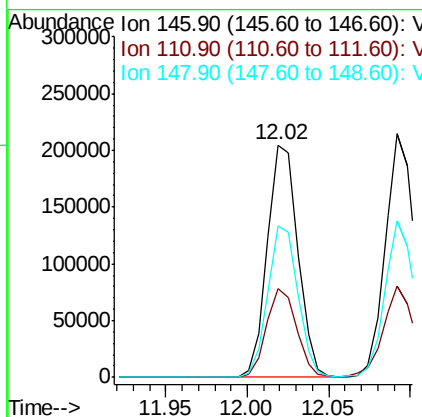
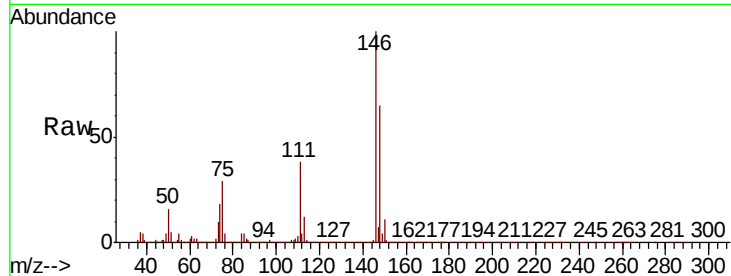
#87
 1,3-Dichlorobenzene
 Concen: 19.179 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.3	31.8	95.4

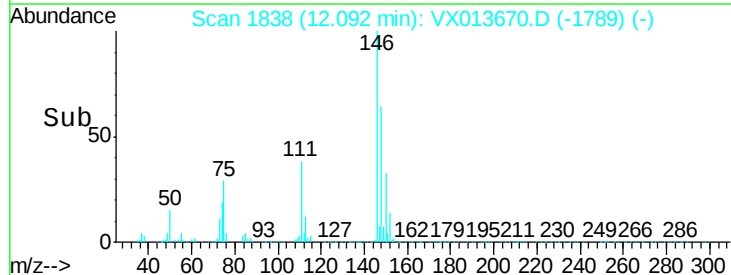
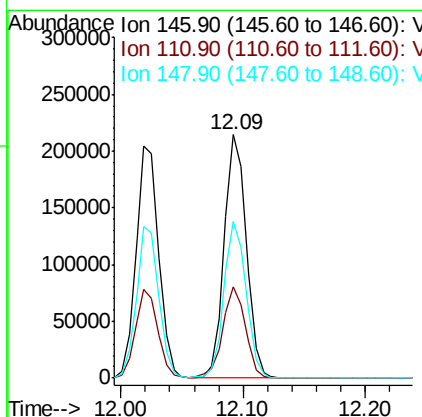
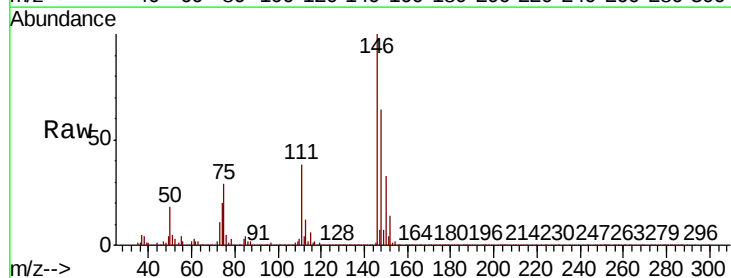
Manual Integrations
 APPROVED

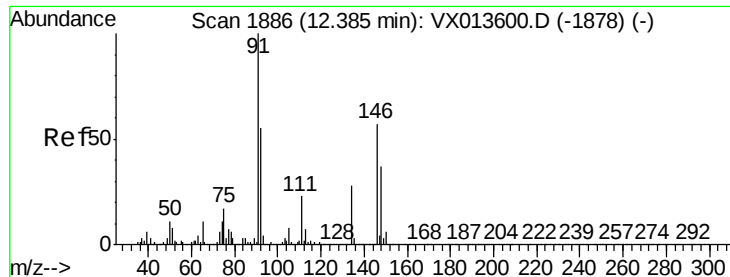
apatel
 12/2/2019 3:18:12 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.075 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.4	31.9	95.5





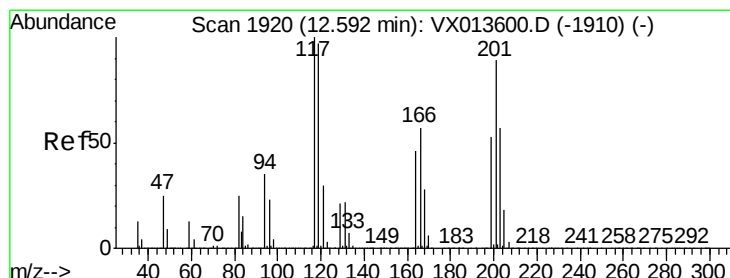
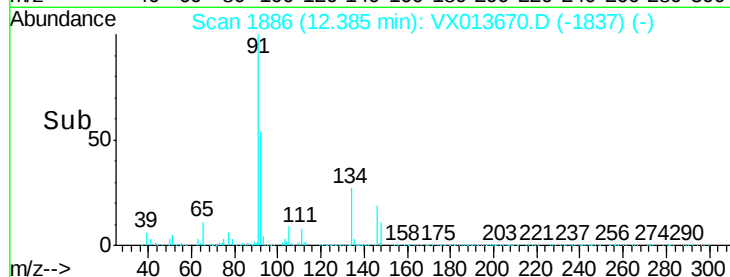
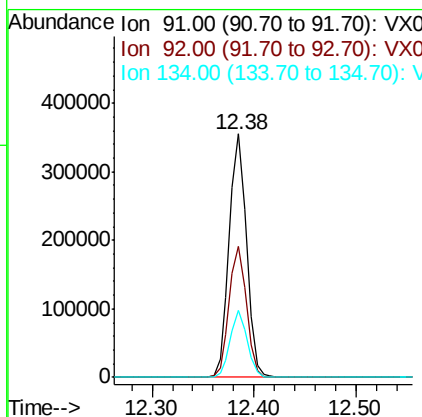
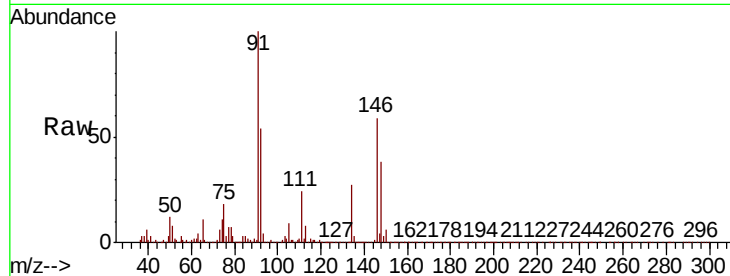
#89
n-Butylbenzene
Concen: 18.798 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
91	100	416405		
92	53.6	27.4	82.2	
134	26.9	13.5	40.4	

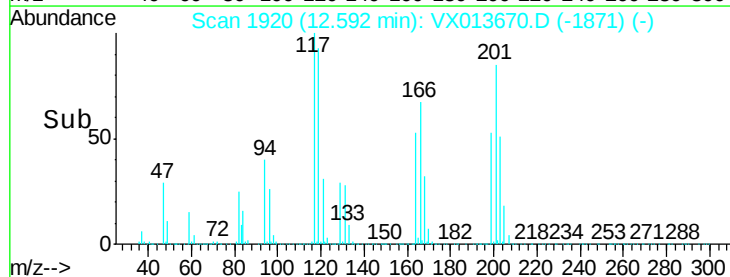
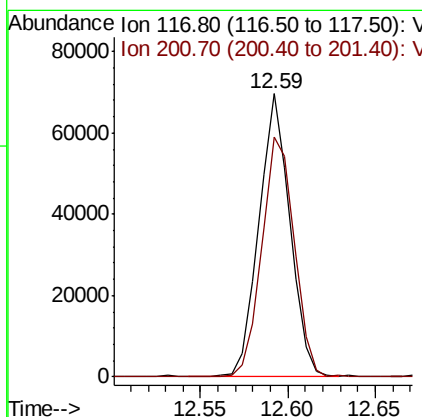
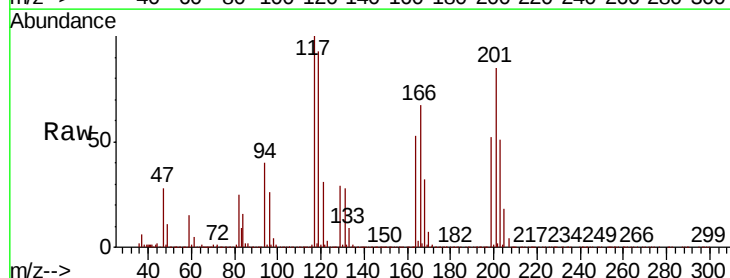
Manual Integrations
APPROVED

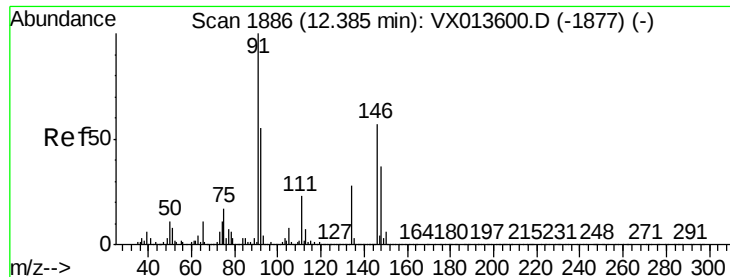
apatel
12/2/2019 3:18:12 PM



#90
Hexachloroethane
Concen: 18.245 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	85651		
201	89.1	44.1	132.4	





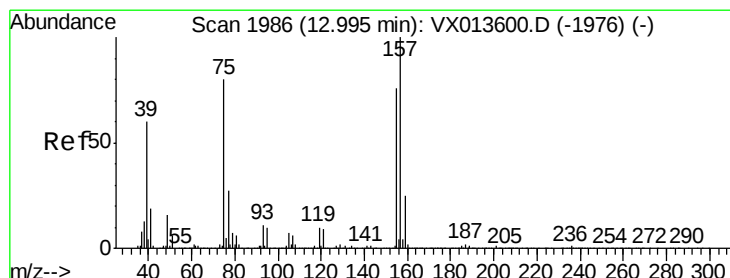
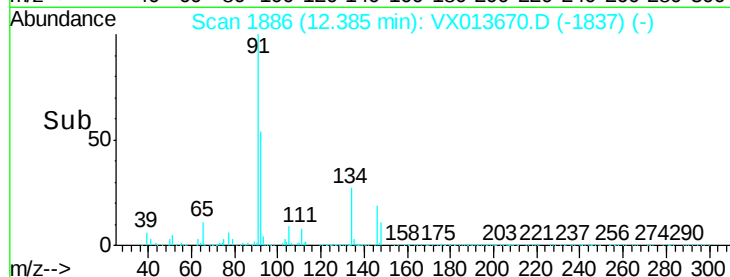
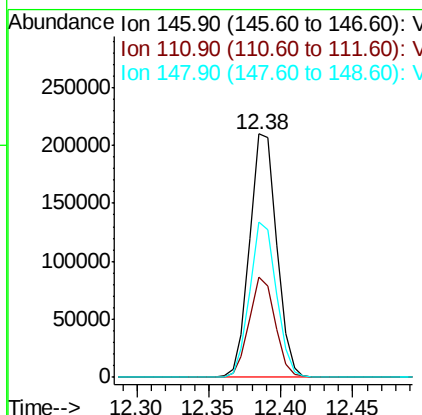
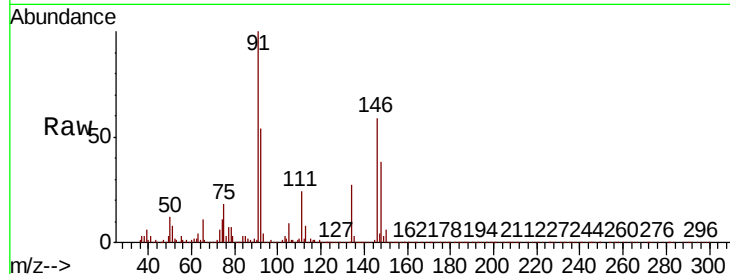
#91
 1,2-Dichlorobenzene
 Concen: 19.949 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	63.0	31.9	95.7

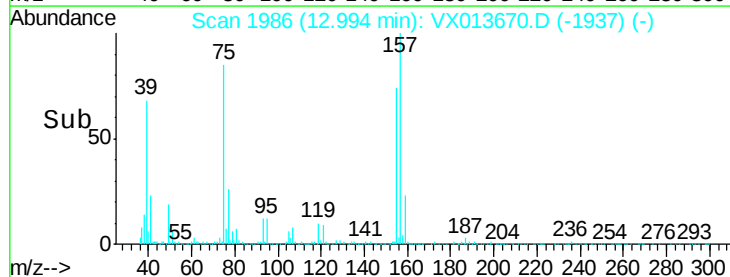
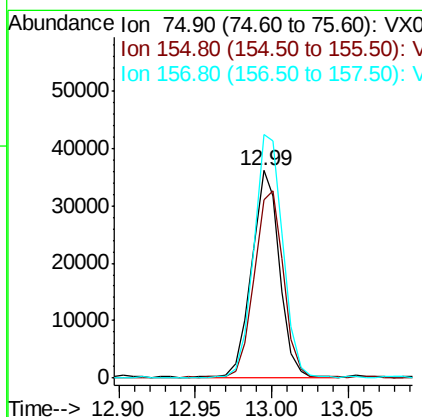
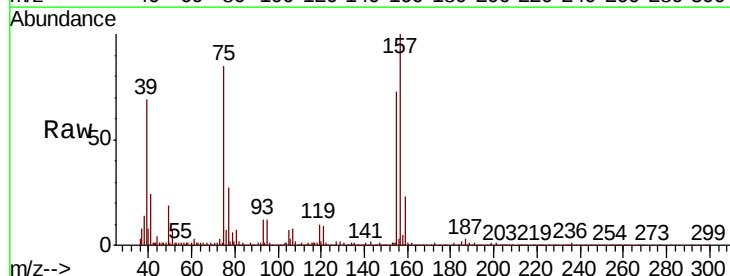
Manual Integrations
 APPROVED

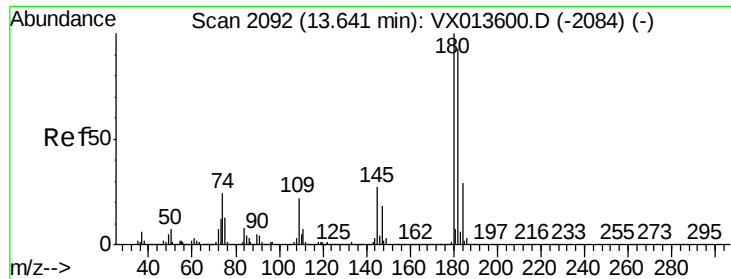
apatel
 12/2/2019 3:18:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.402 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013670.D
 Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	47.6	142.8
157	124.8	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 18.459 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013670.D

Acq: 27 Nov 2019 23:14

Instrument :

MSVOA_X

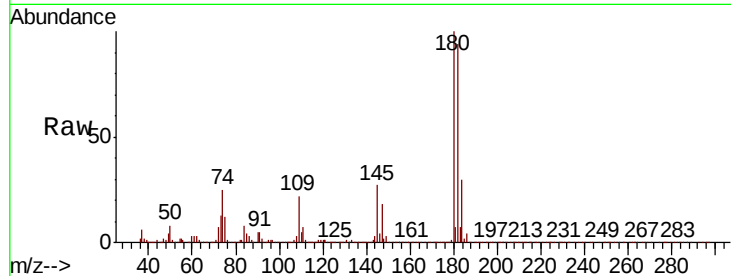
ClientSampleId :

VX1127WBSD03

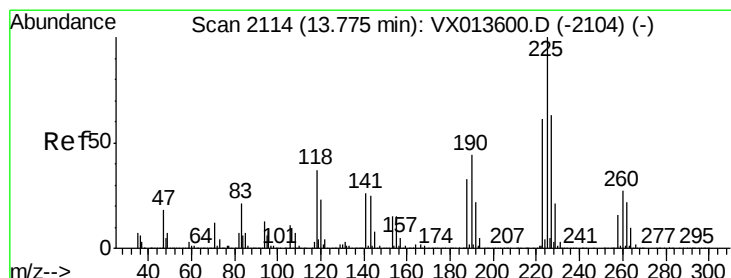
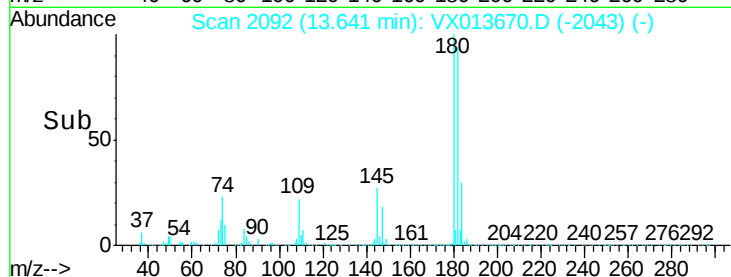
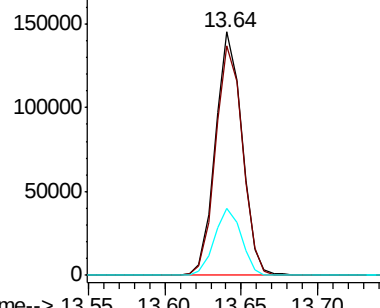
Tot Ion:	180	Resp:	175644
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.2	141.6
145	28.1	13.8	41.4

Manual Integrations
APPROVED

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



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.069 ug/l

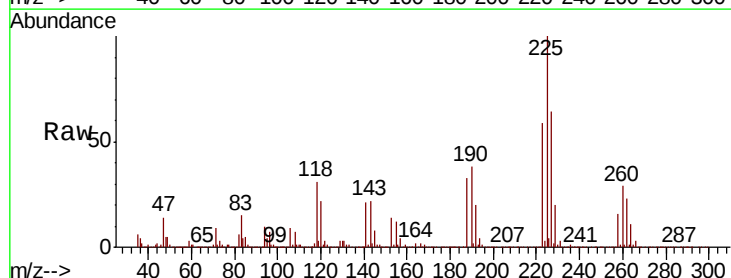
RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

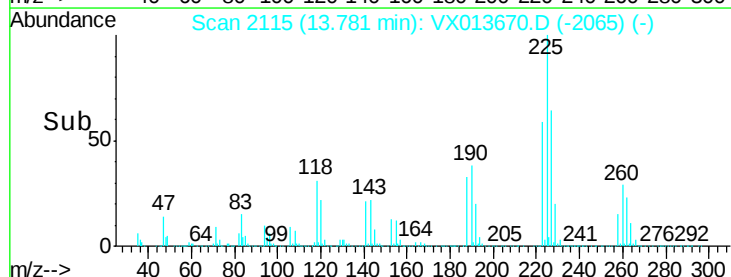
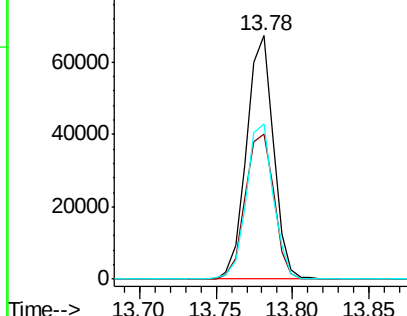
Lab File: VX013670.D

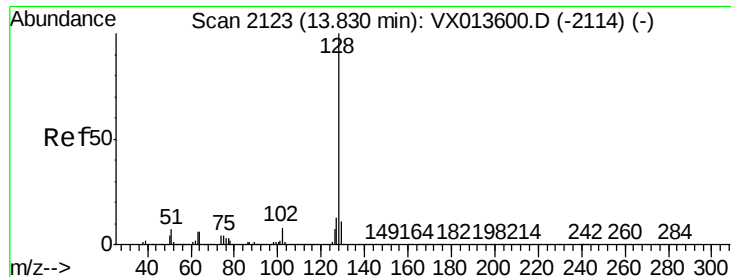
Acq: 27 Nov 2019 23:14

Tgt Ion:	225	Resp:	82596
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.9	95.5
227	63.6	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





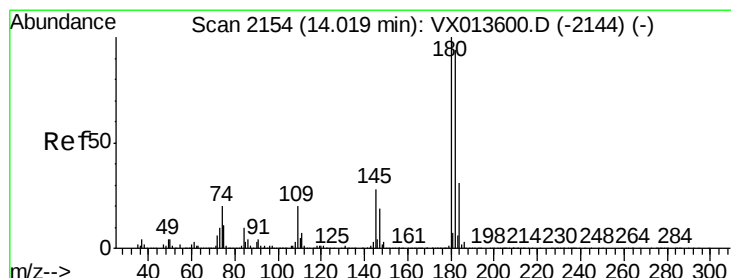
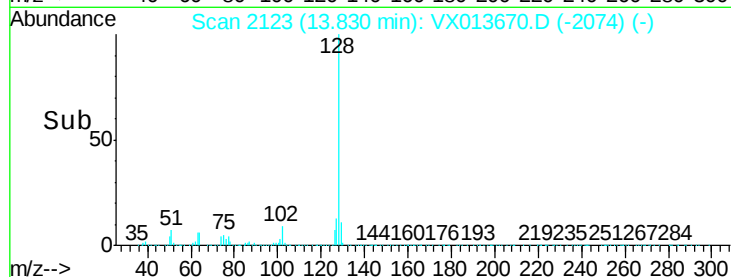
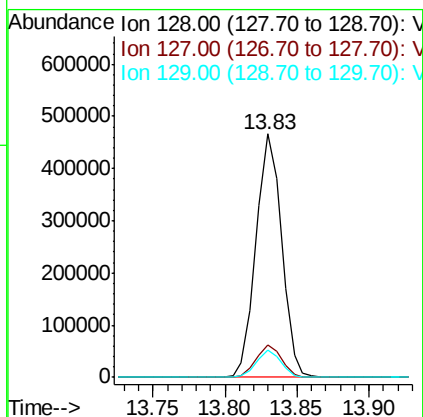
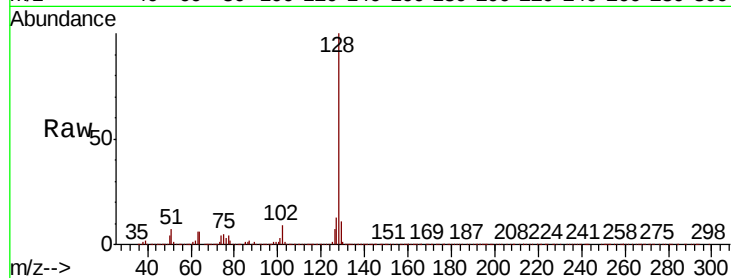
#95
Naphthalene
Concen: 20.179 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD03

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.077 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013670.D
Acq: 27 Nov 2019 23:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.6	142.8
145	29.8	15.0	45.0

