

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122419\
 Data File : VX014236.D
 Acq On : 24 Dec 2019 11:45
 Operator : JC/SP
 Sample : VX1224MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:24 AM

Quant Time: Dec 25 06:11:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	498665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	757106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	684569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338315	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	284428	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.48	113	230633	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	888802	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	317902	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	75728	16.975	ug/l	96
3) Chloromethane	1.32	50	104862	17.515	ug/l	100
4) Vinyl Chloride	1.40	62	110779	17.536	ug/l	99
5) Bromomethane	1.63	94	67472	15.048	ug/l	99
6) Chloroethane	1.72	64	72606	18.622	ug/l	98
7) Trichlorofluoromethane	1.92	101	144554	18.484	ug/l	98
8) Diethyl Ether	2.18	74	67322	18.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89827	19.055	ug/l	99
10) Methyl Iodide	2.50	142	98317	17.607	ug/l	100
11) Tert butyl alcohol	3.02	59	114338	93.628	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85596	17.844	ug/l	98
13) Acrolein	2.28	56	66852	95.632	ug/l	99
14) Allyl chloride	2.72	41	160675	18.760	ug/l	98
15) Acrylonitrile	3.12	53	279898	98.197	ug/l	100
16) Acetone	2.43	43	336043	91.586	ug/l	99
17) Carbon Disulfide	2.56	76	218435	16.907	ug/l	97
18) Methyl Acetate	2.76	43	143573	19.747	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	310397	19.692	ug/l	98
20) Methylene Chloride	2.84	84	107714	18.642	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	95832	18.134	ug/l	94
22) Diisopropyl ether	3.84	45	337333	19.765	ug/l	95
23) Vinyl Acetate	3.80	43	1325029	95.136	ug/l	99
24) 1,1-Dichloroethane	3.69	63	177786	18.723	ug/l	100
25) 2-Butanone	4.65	43	431429	95.372	ug/l	99
26) 2,2-Dichloropropane	4.57	77	133458	18.102	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	112941	18.897	ug/l	98
28) Bromochloromethane	5.00	49	80347	22.256	ug/l	98
29) Tetrahydrofuran	5.11	42	251048	99.221	ug/l	99
30) Chloroform	5.20	83	174625	19.400	ug/l	99
31) Cyclohexane	5.57	56	156993	18.589	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	137839	17.967	ug/l	98
36) 1,1-Dichloropropene	5.79	75	126050	18.145	ug/l	99
37) Ethyl Acetate	4.81	43	155906	20.323	ug/l	98
38) Carbon Tetrachloride	5.78	117	118934	18.793	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014236.D
 Acq On : 24 Dec 2019 11:45
 Operator : JC/SP
 Sample : VX1224MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1224MBS01

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:24 AM

Quant Time: Dec 25 06:11:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	157117	18.317	ug/l	95
40) Benzene	6.13	78	399331	18.682	ug/l	98
41) Methacrylonitrile	5.02	41	85076	19.988	ug/l	98
42) 1,2-Dichloroethane	6.18	62	141213	19.490	ug/l	99
43) Isopropyl Acetate	6.43	43	245069	19.303	ug/l	100
44) Trichloroethene	7.20	130	109797	18.597	ug/l	100
45) 1,2-Dichloropropane	7.50	63	105790	19.310	ug/l	94
46) Dibromomethane	7.65	93	68298	18.856	ug/l	99
47) Bromodichloromethane	7.89	83	130701	19.159	ug/l	99
48) Methyl methacrylate	7.76	41	120270	19.346	ug/l	99
49) 1,4-Dioxane	7.73	88	49493	391.213	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	773120	96.966	ug/l	99
52) Toluene	8.78	92	251720	18.632	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	142053	18.991	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	162590	19.511	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105880	19.554	ug/l	98
56) Ethyl methacrylate	9.17	69	163579	19.232	ug/l	99
57) 1,3-Dichloropropane	9.36	76	180346	19.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	329735	102.438	ug/l	100
59) 2-Hexanone	9.48	43	612250	95.390	ug/l	99
60) Dibromochloromethane	9.57	129	103986	19.320	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109684	19.798	ug/l	98
64) Tetrachloroethene	9.33	164	131004	21.626	ug/l	97
65) Chlorobenzene	10.13	112	276719	19.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	98752	19.001	ug/l	99
67) Ethyl Benzene	10.25	91	471612	18.846	ug/l	98
68) m/p-Xylenes	10.36	106	359308	37.332	ug/l	99
69) o-Xylene	10.69	106	177250	18.777	ug/l	100
70) Styrene	10.71	104	297327	18.627	ug/l	99
71) Bromoform	10.85	173	76783	18.379	ug/l #	99
73) Isopropylbenzene	11.01	105	469949	19.729	ug/l	100
74) N-amyl acetate	10.89	43	208273	18.653	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	156948	19.005	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	132091m	17.984	ug/l	
77) Bromobenzene	11.25	156	122020	18.618	ug/l	98
78) n-propylbenzene	11.35	91	522090	19.541	ug/l	99
79) 2-Chlorotoluene	11.42	91	313493	19.302	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	384940	19.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46788	17.980	ug/l	91
82) 4-Chlorotoluene	11.51	91	356743	18.936	ug/l	100
83) tert-Butylbenzene	11.76	119	353259	18.107	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	392594	19.555	ug/l	100
85) sec-Butylbenzene	11.94	105	444634	19.306	ug/l	100
86) p-Isopropyltoluene	12.06	119	406624	19.301	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	212778	18.525	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	216638	18.549	ug/l	100
89) n-Butylbenzene	12.39	91	348716	19.399	ug/l	100
90) Hexachloroethane	12.59	117	67780	17.912	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	217603	18.819	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31295	17.125	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122419\
Data File : VX014236.D
Acq On : 24 Dec 2019 11:45
Operator : JC/SP
Sample : VX1224MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

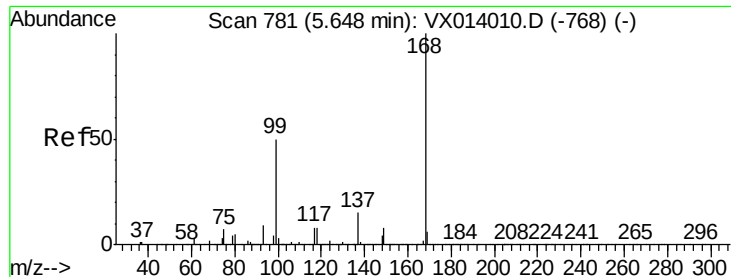
Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM

Quant Time: Dec 25 06:11:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139428	18.553	ug/l	97
94) Hexachlorobutadiene	13.78	225	68367	18.929	ug/l	97
95) Naphthalene	13.83	128	416549	18.865	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138765	18.705	ug/l	96

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



#1

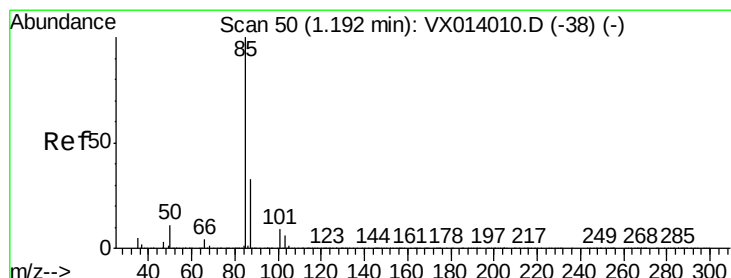
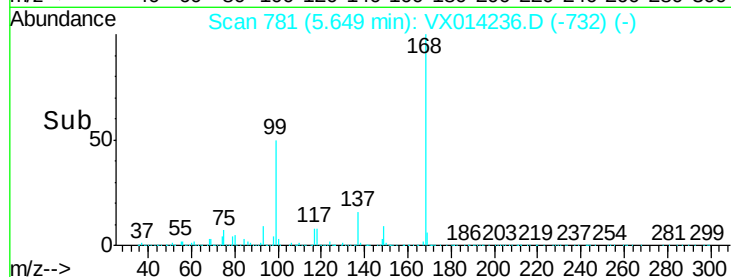
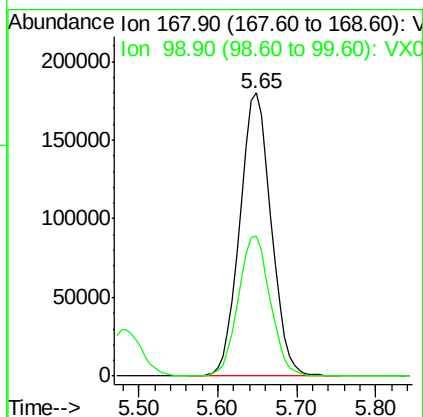
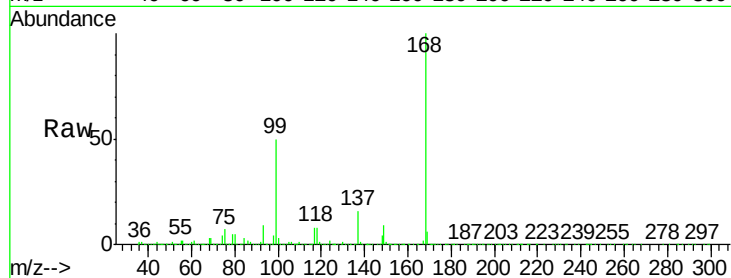
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	498665		
99	49.6	40.3	60.5	

Manual Integrations
APPROVED

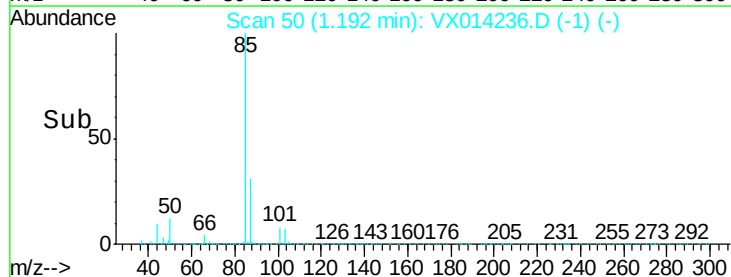
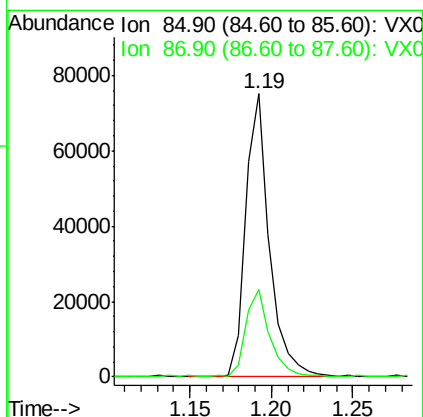
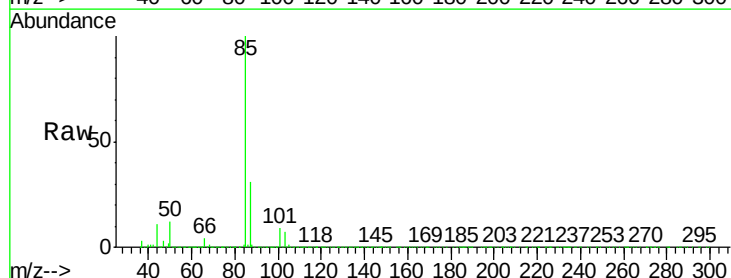
apatel
12/26/2019 9:24:24 AM

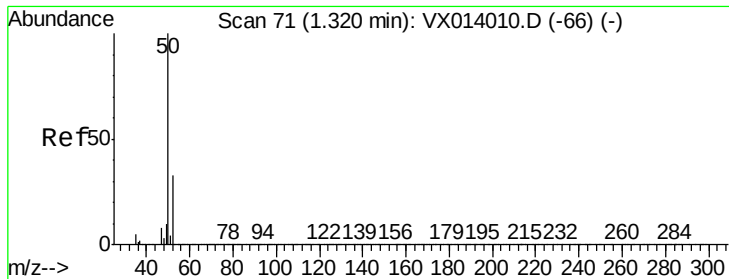


#2

Dichlorodifluoromethane
Concen: 16.975 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	75728		
87	30.7	16.4	49.2	





#3

Chloromethane

Concen: 17.515 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 50 Resp: 104862

Ion Ratio Lower Upper

50 100

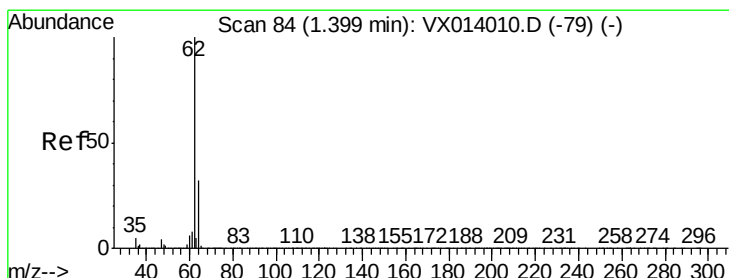
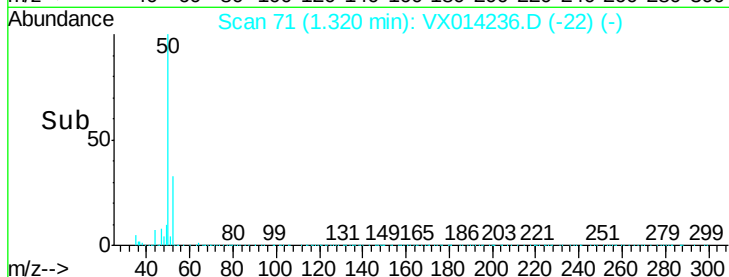
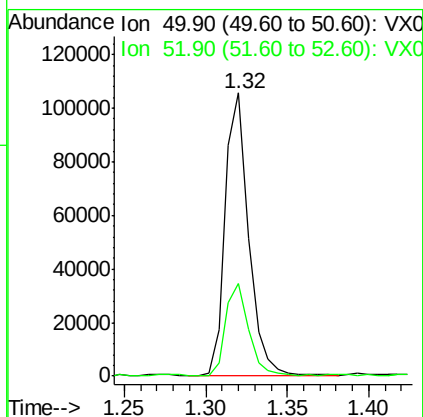
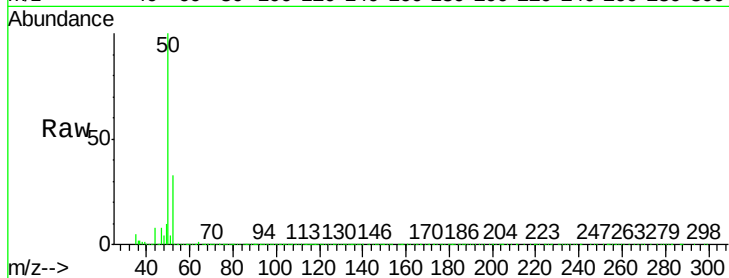
52 32.8 26.2 39.4

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#4

Vinyl Chloride

Concen: 17.536 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014236.D

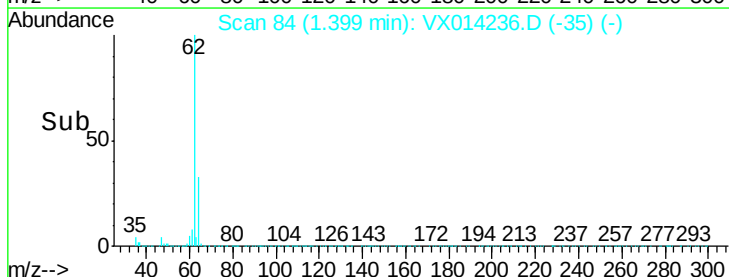
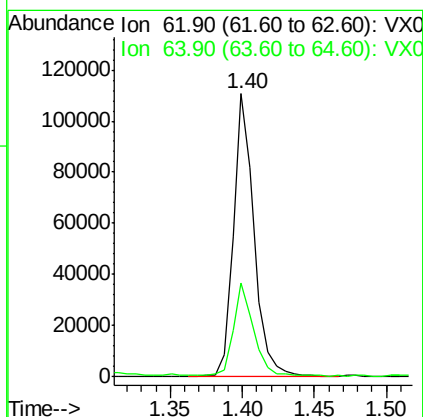
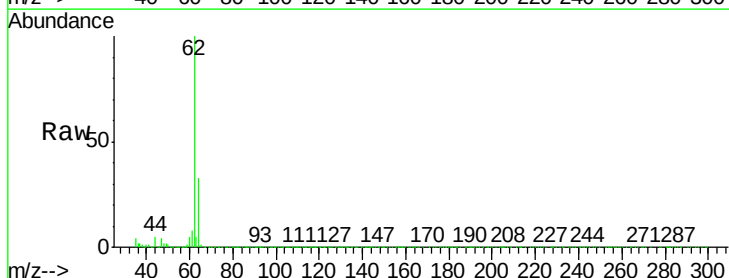
Acq: 24 Dec 2019 11:45

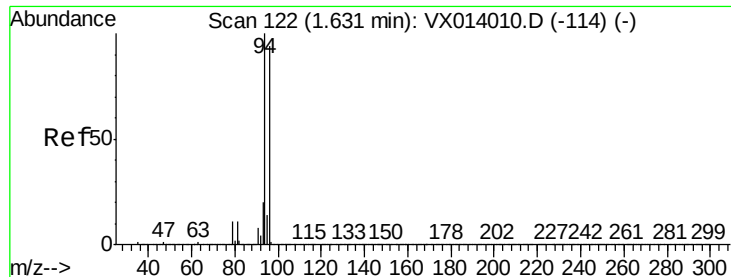
Tgt Ion: 62 Resp: 110779

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 15.048 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 94 Resp: 67472

Ion Ratio Lower Upper

94 100

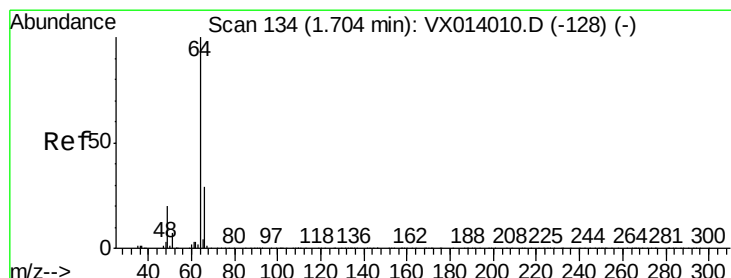
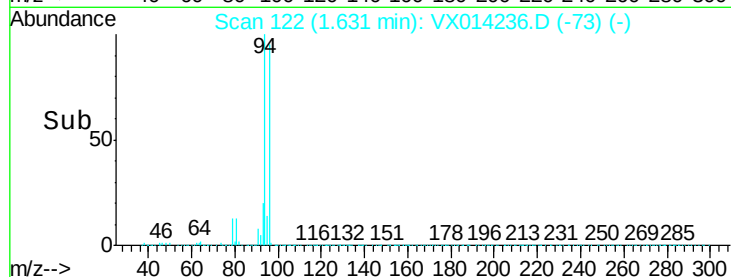
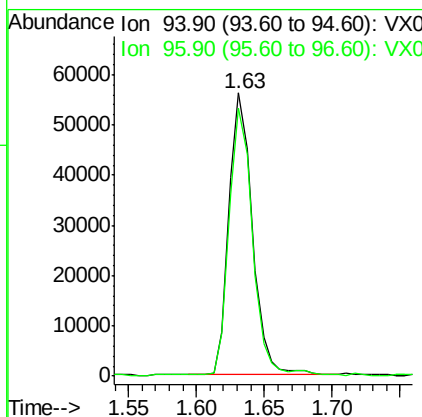
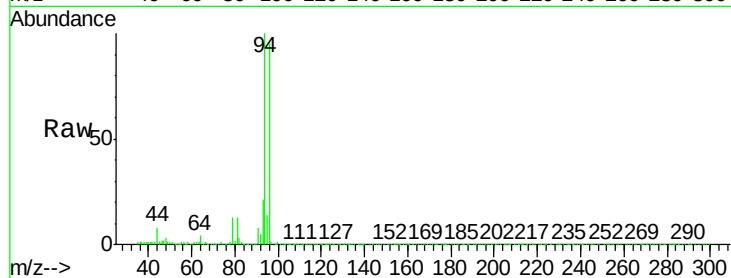
96 94.7 75.2 112.8

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#6

Chloroethane

Concen: 18.622 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014236.D

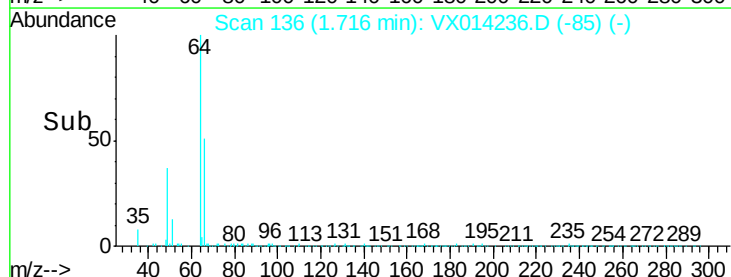
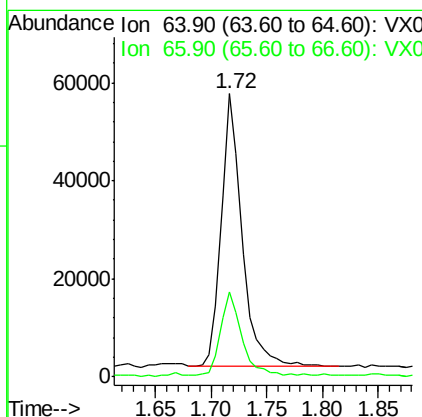
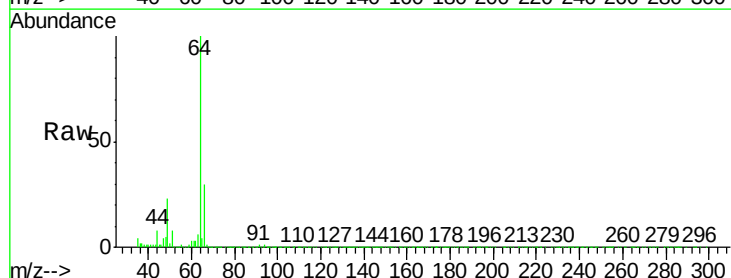
Acq: 24 Dec 2019 11:45

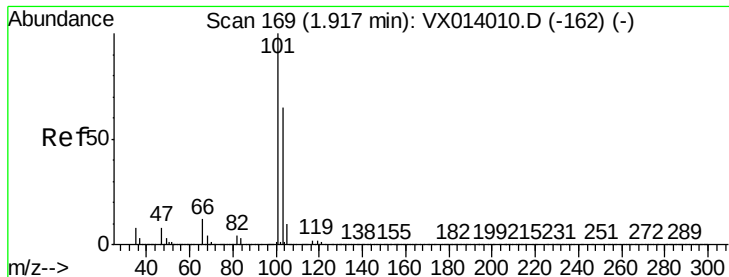
Tgt Ion: 64 Resp: 72606

Ion Ratio Lower Upper

64 100

66 30.5 23.4 35.2





#7

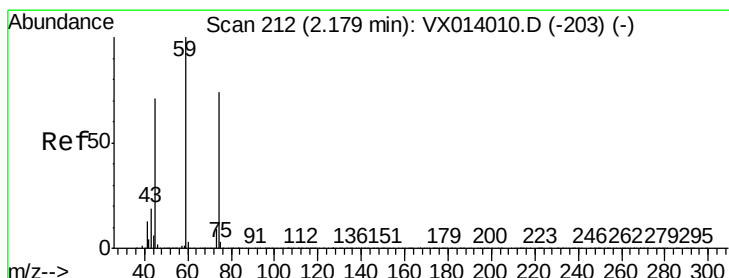
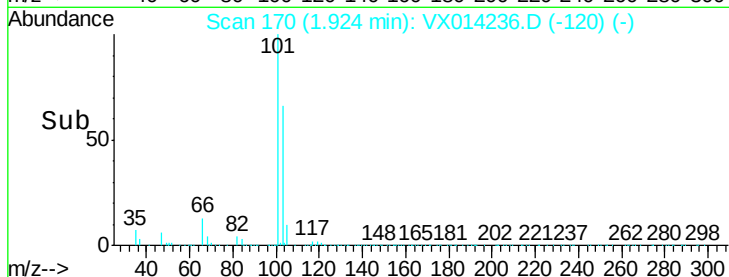
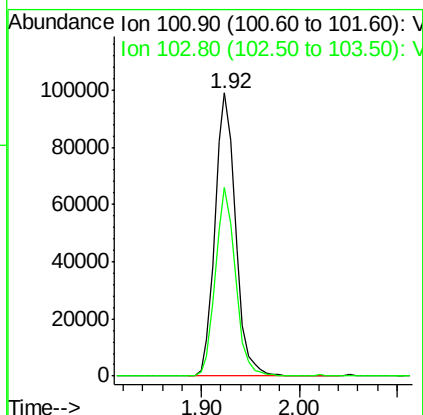
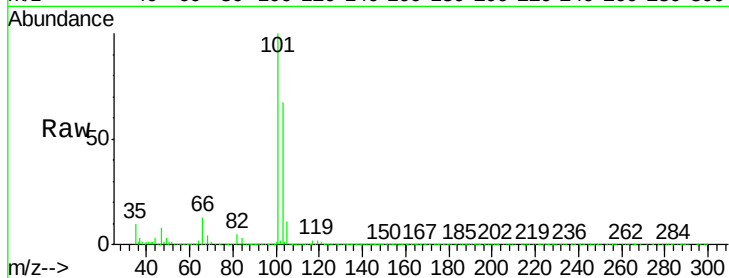
Trichlorofluoromethane
Concen: 18.484 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.2	78.4

Manual Integrations
APPROVED

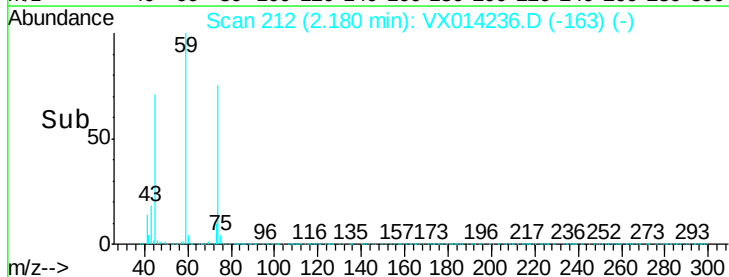
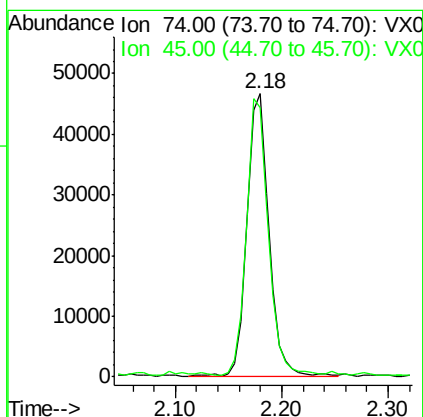
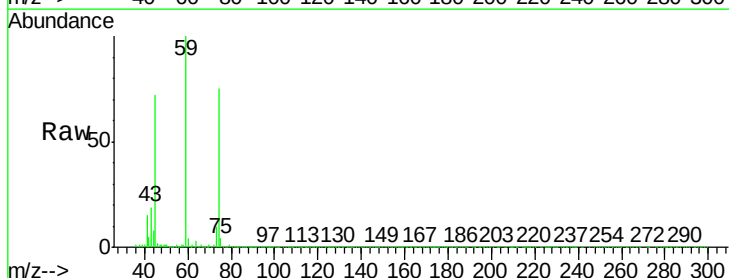
apatel
12/26/2019 9:24:24 AM

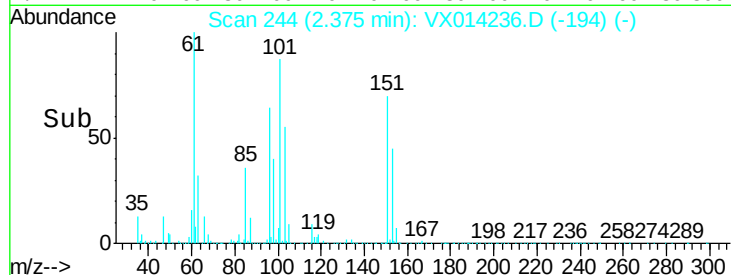
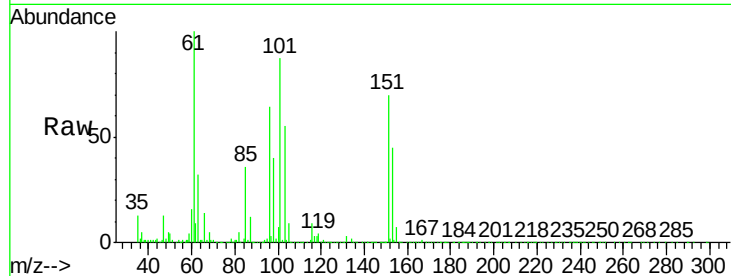
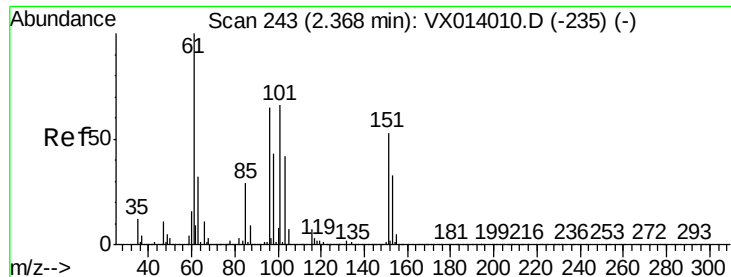


#8

Diethyl Ether
Concen: 18.343 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.1	144.3





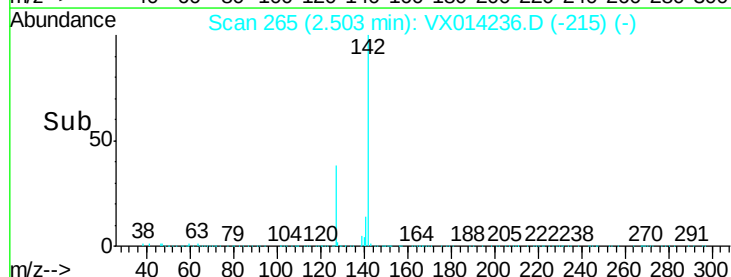
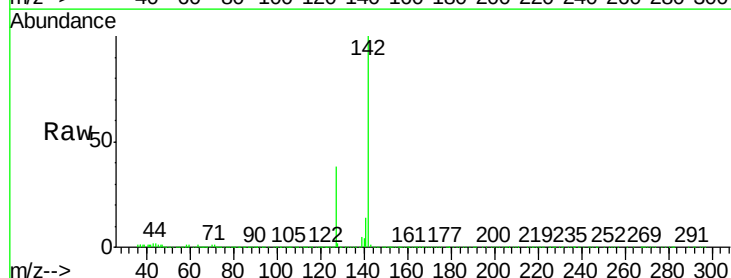
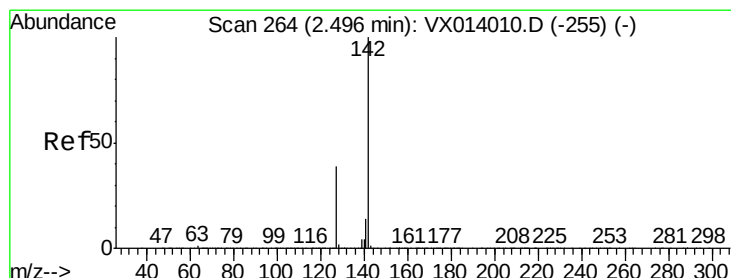
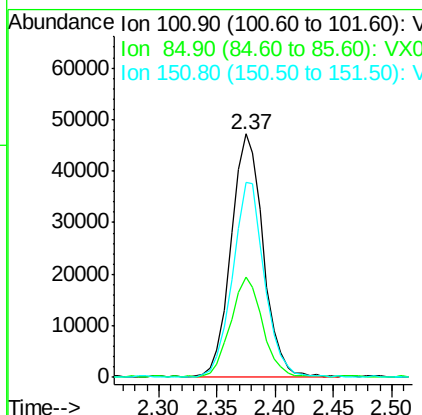
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.055 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	89827		
85	41.2	33.7	50.5	
151	80.3	64.5	96.7	

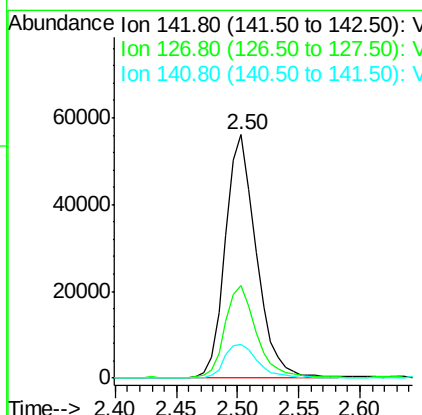
Manual Integrations
APPROVED

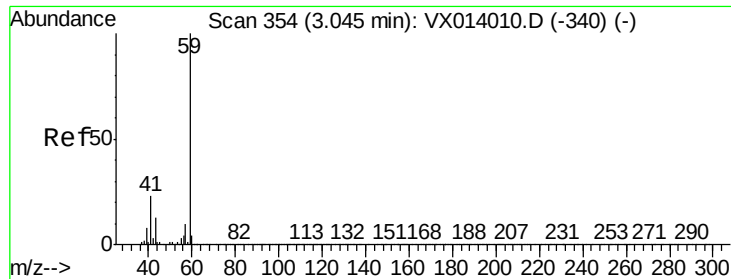
apatel
12/26/2019 9:24:24 AM



#10
Methyl Iodide
Concen: 17.607 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	98317		
127	39.2	31.6	47.4	
141	14.7	11.6	17.4	





#11

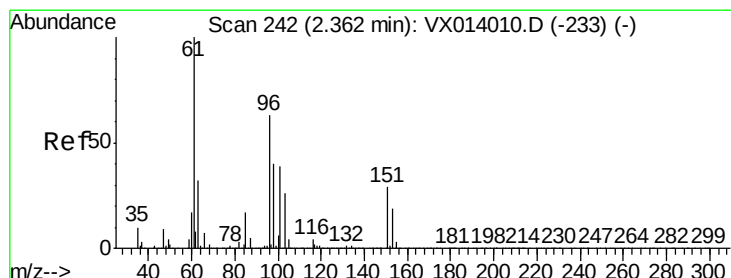
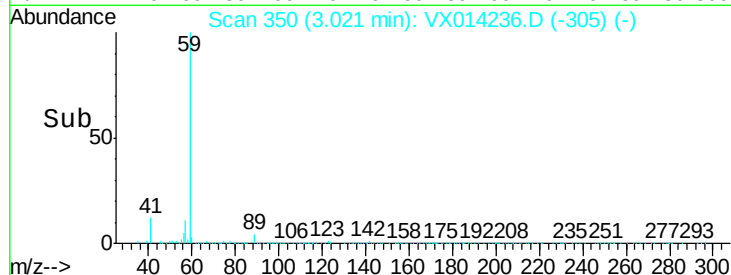
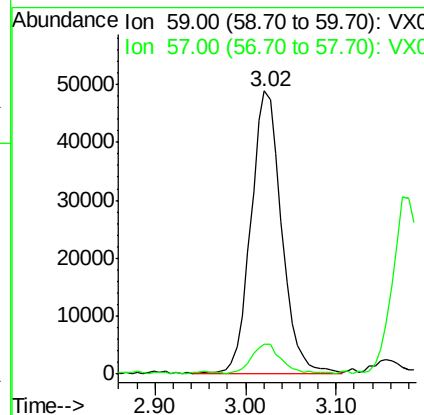
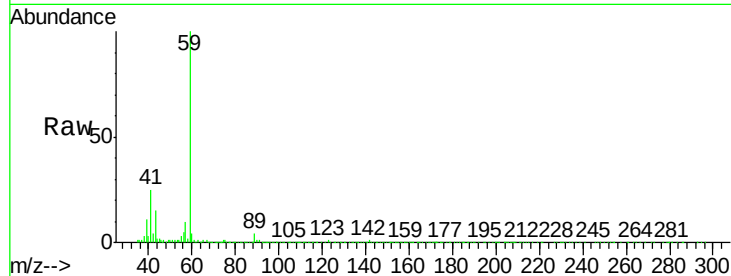
Tert butyl alcohol
 Concen: 93.628 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	114338		
57	57	9.8		8.4	12.6

Manual Integrations
 APPROVED

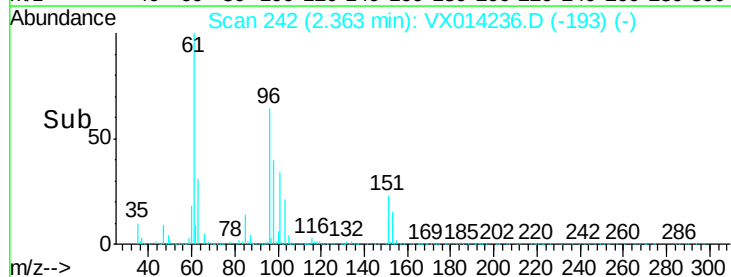
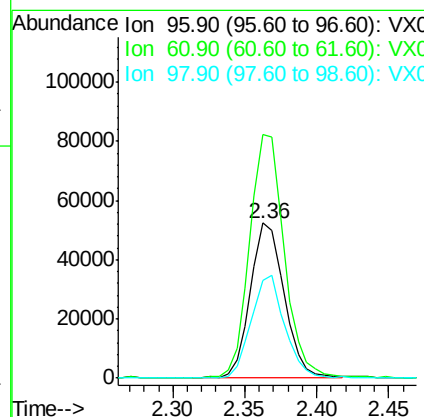
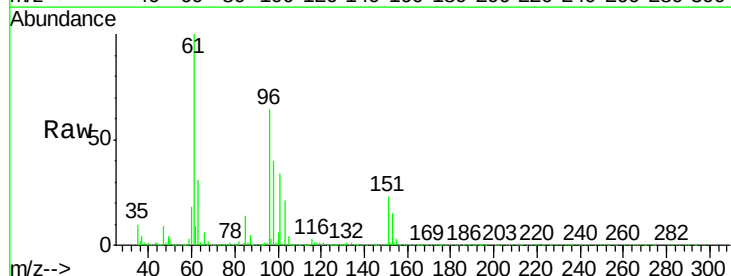
apatel
 12/26/2019 9:24:24 AM

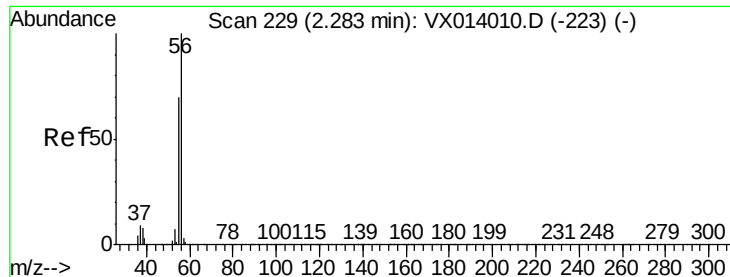


#12

1,1-Dichloroethene
 Concen: 17.844 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	85596		
61	61	157.1		127.9	191.9
98	98	62.4		50.5	75.7





#13

Acrolein

Concen: 95.632 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 56 Resp: 66852

Ion Ratio Lower Upper

56 100

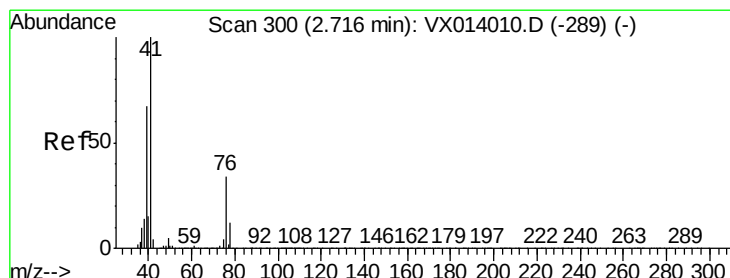
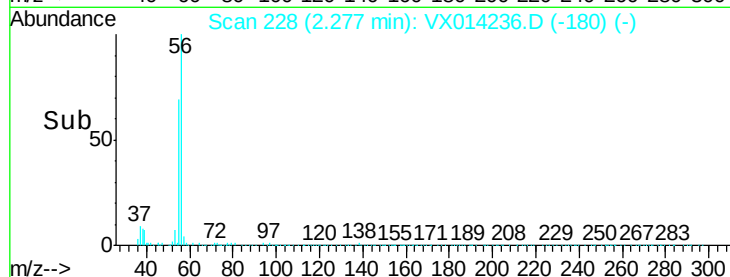
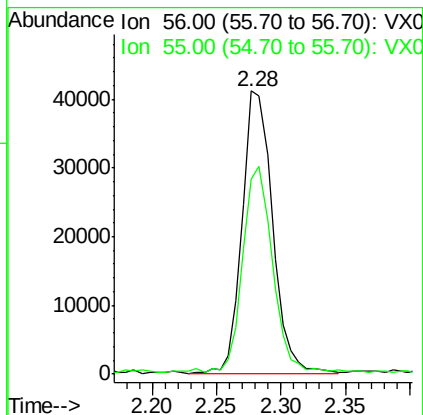
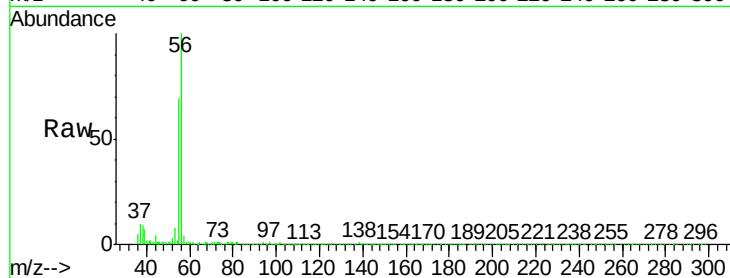
55 70.5 56.9 85.3

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#14

Allyl chloride

Concen: 18.760 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

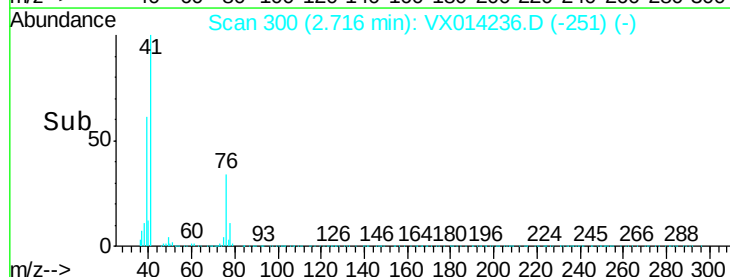
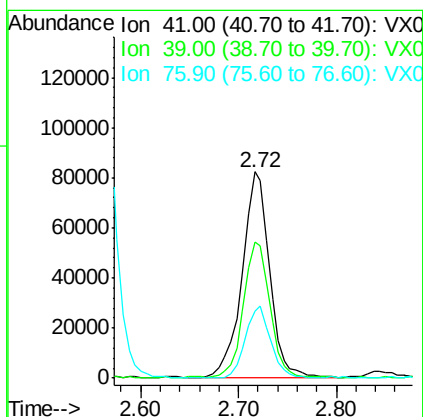
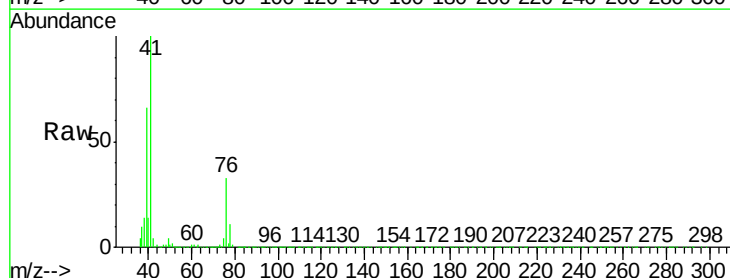
Tgt Ion: 41 Resp: 160675

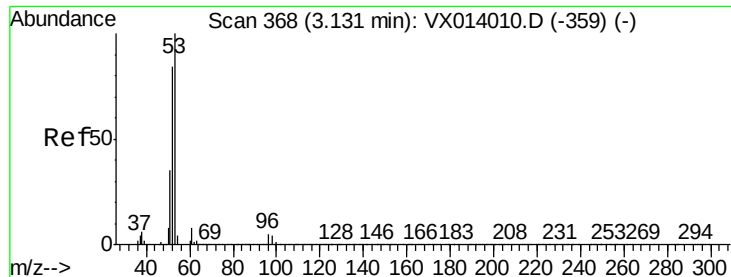
Ion Ratio Lower Upper

41 100

39 62.7 51.8 77.8

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 98.197 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

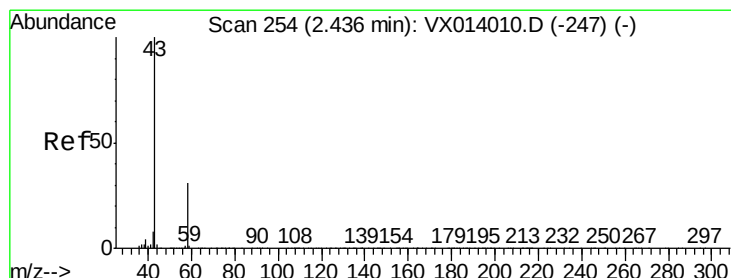
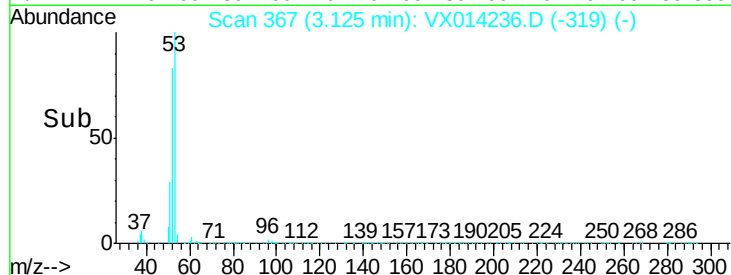
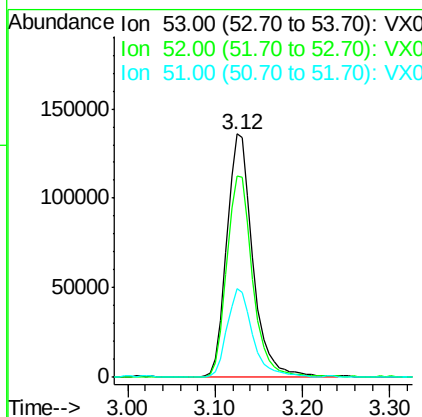
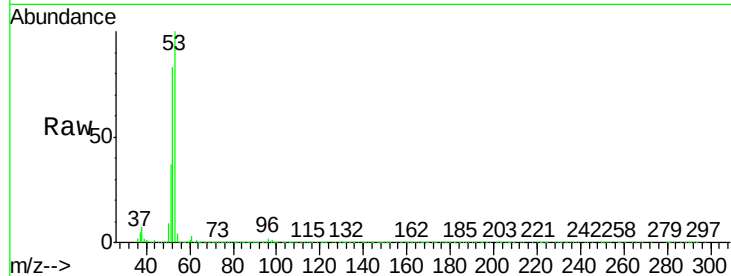
ClientSampleId :

VX1224MBS01

Tot Ion:	53	Resp:	279898
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.5	99.7
51	35.4	28.1	42.1

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#16

Acetone

Concen: 91.586 ug/l

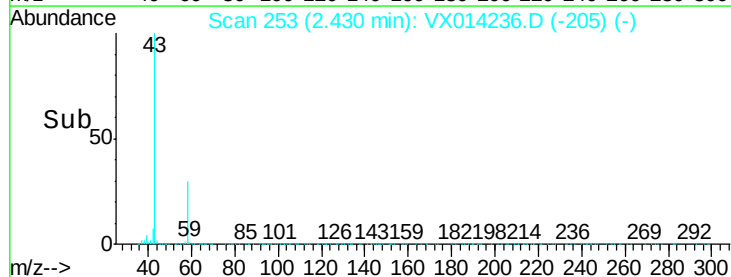
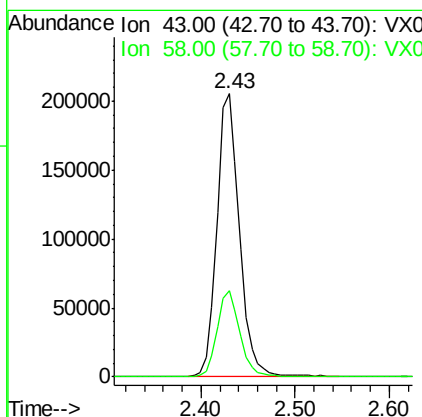
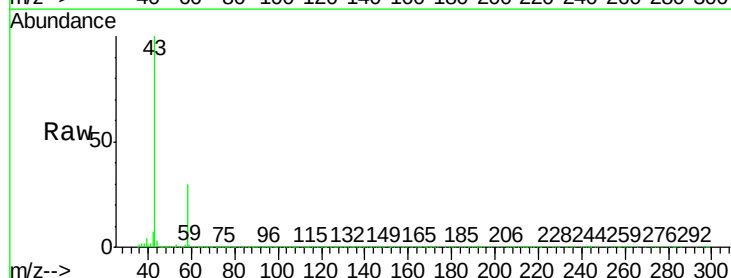
RT: 2.43 min Scan# 253

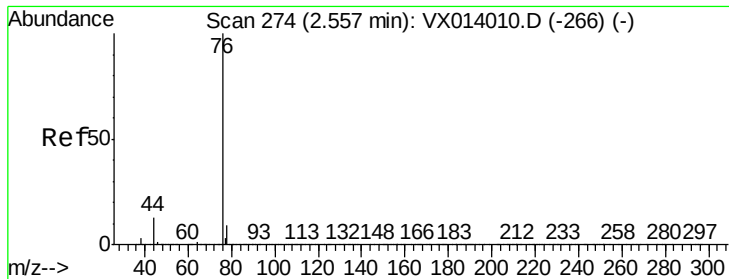
Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	43	Resp:	336043
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.9	37.3





#17

Carbon Disulfide

Concen: 16.907 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 76 Resp: 218435

Ion Ratio Lower Upper

76 100

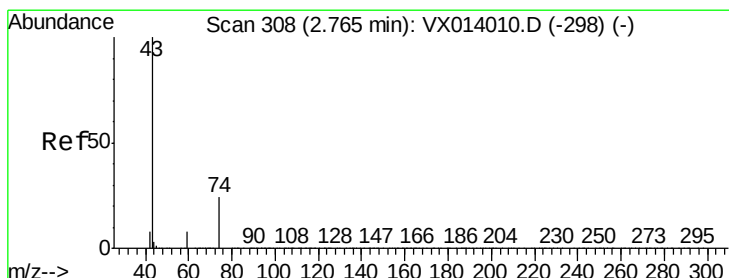
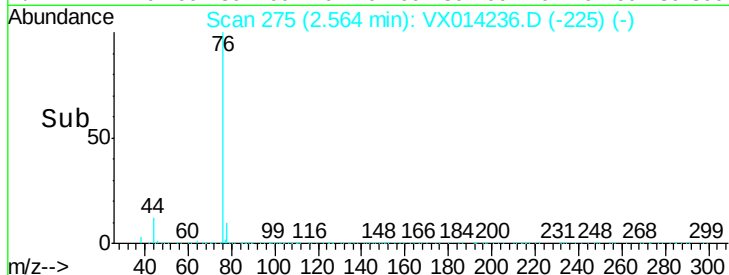
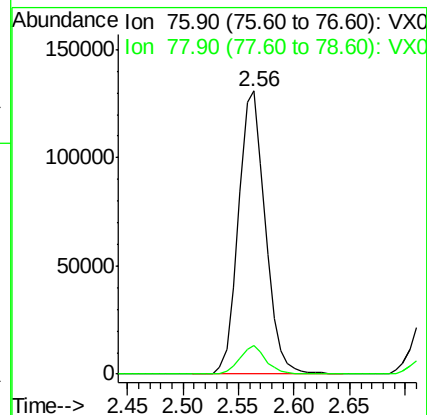
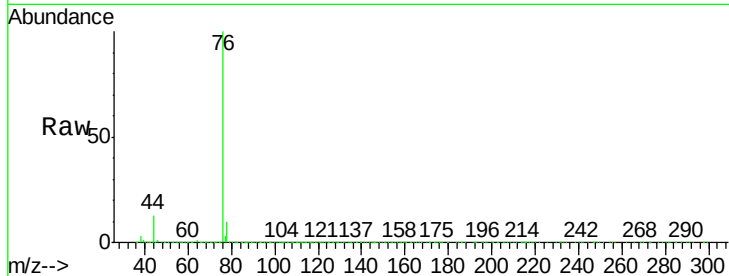
78 10.0 7.2 10.8

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#18

Methyl Acetate

Concen: 19.747 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014236.D

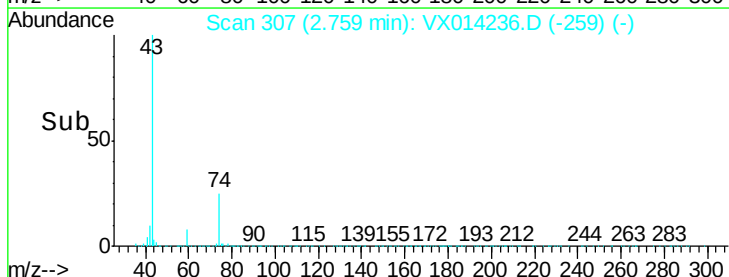
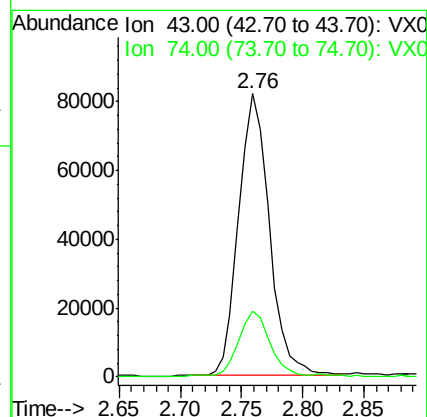
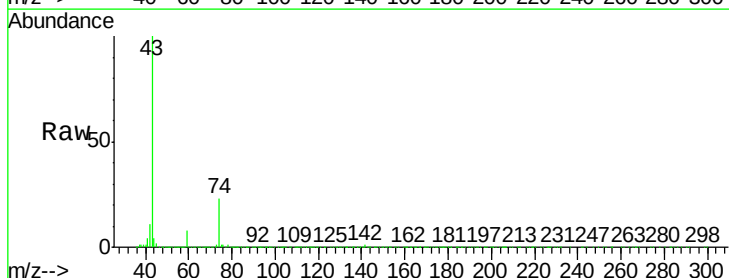
Acq: 24 Dec 2019 11:45

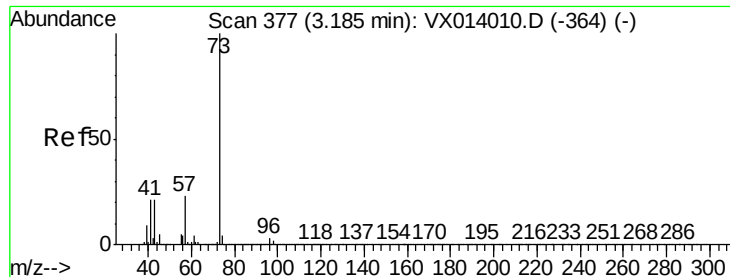
Tgt Ion: 43 Resp: 143573

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3





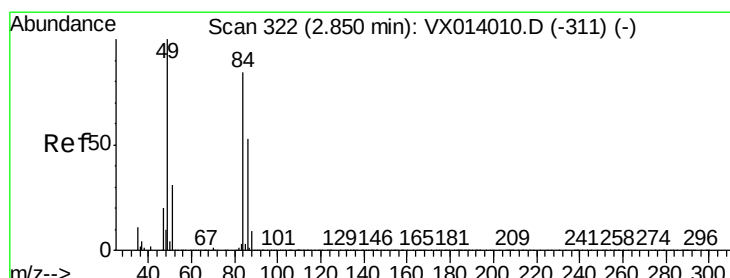
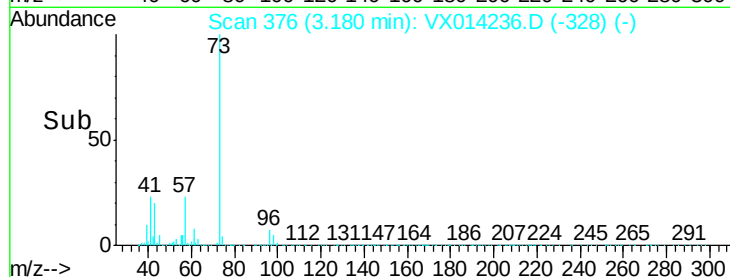
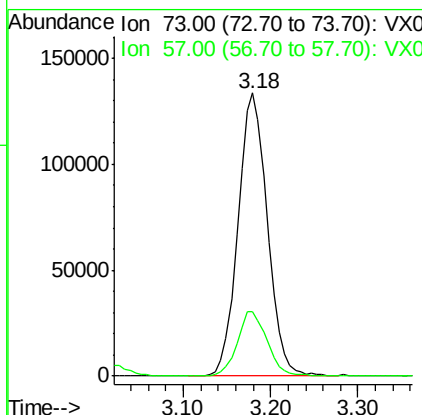
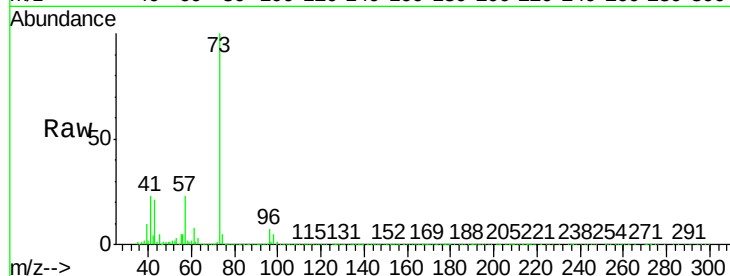
#19
Methyl tert-butyl Ether
Concen: 19.692 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.8	28.2

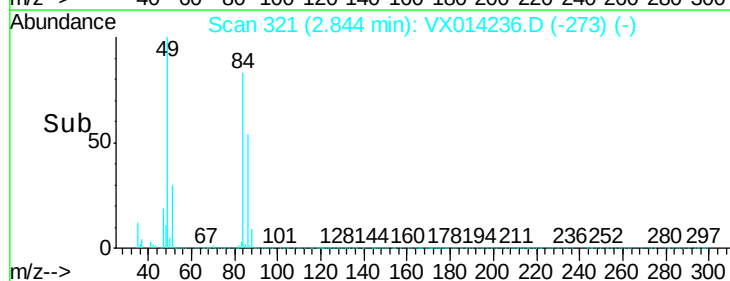
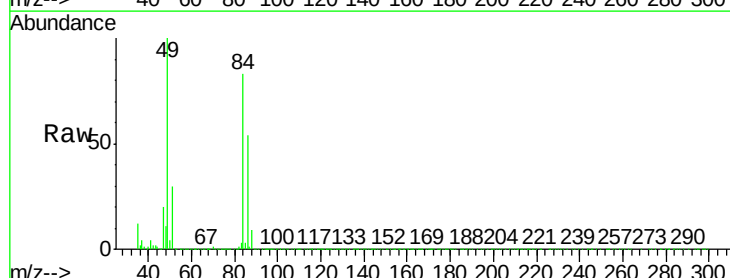
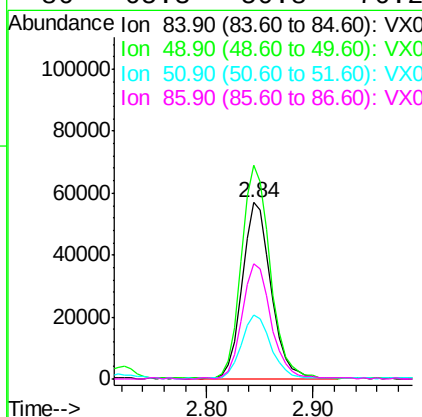
Manual Integrations
APPROVED

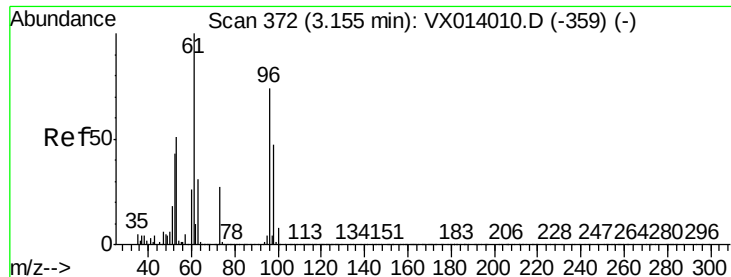
apatel
12/26/2019 9:24:24 AM



#20
Methylene Chloride
Concen: 18.642 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	95.8	143.6
51	35.7	29.8	44.8
86	65.3	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.134 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

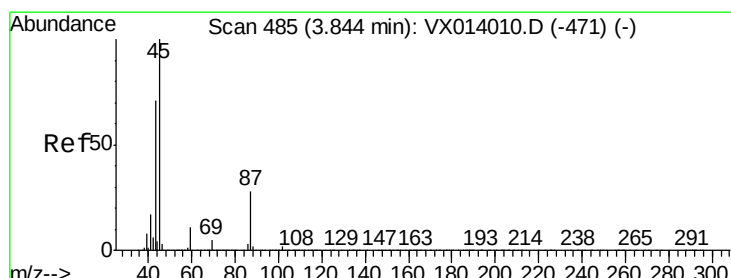
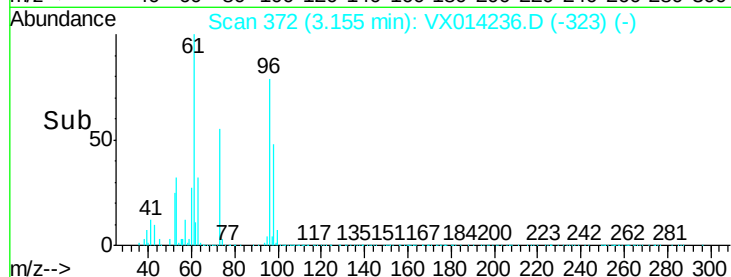
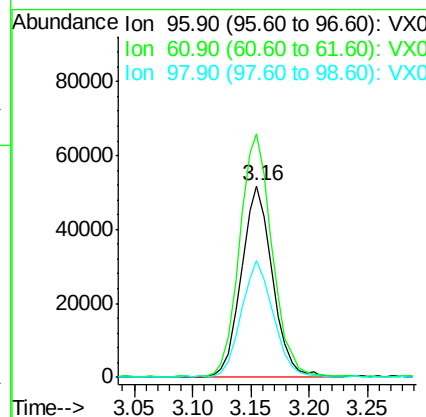
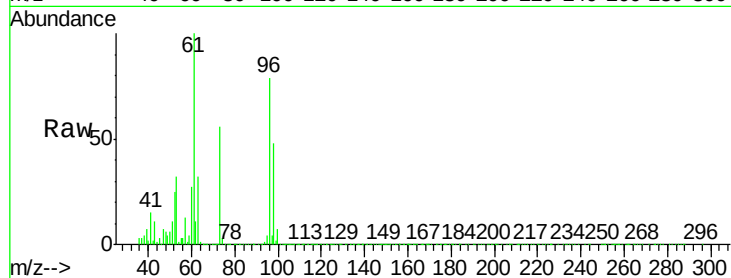
ClientSampleId :

VX1224MBS01

Tot Ion:	96	Resp:	95832
Ion	Ratio	Lower	Upper
96	100		
61	126.9	108.3	162.5
98	60.7	50.8	76.2

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#22

Diisopropyl ether

Concen: 19.765 ug/l

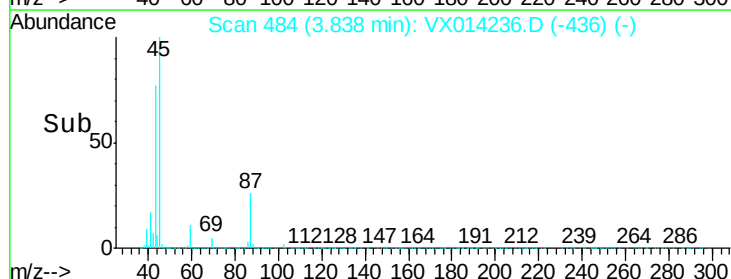
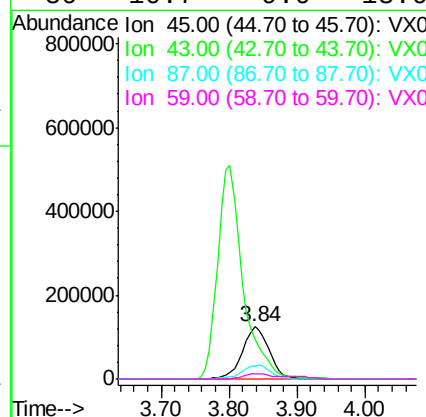
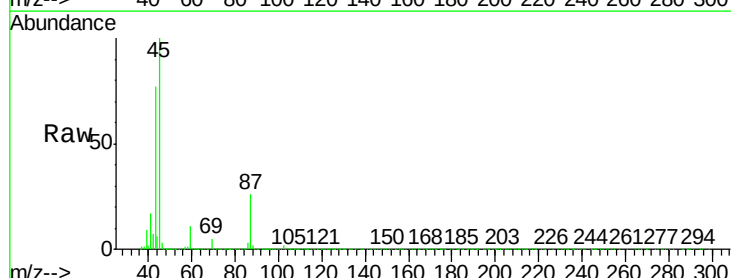
RT: 3.84 min Scan# 484

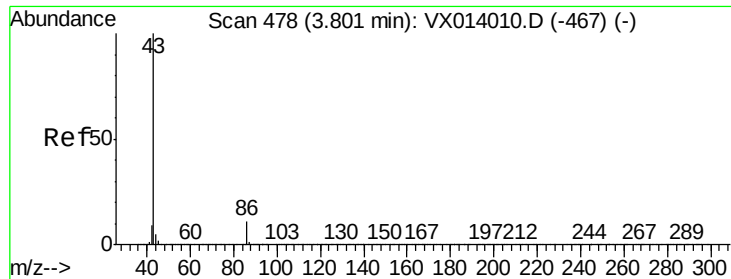
Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	45	Resp:	337333
Ion	Ratio	Lower	Upper
45	100		
43	77.1	57.4	86.0
87	25.6	21.9	32.9
59	10.7	9.0	13.6





#23

Vinyl Acetate

Concen: 95.136 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 43 Resp: 1325029

Ion Ratio Lower Upper

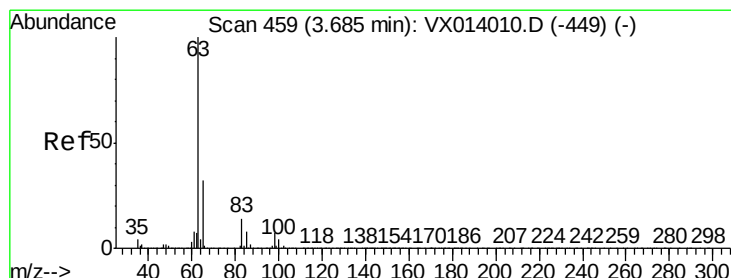
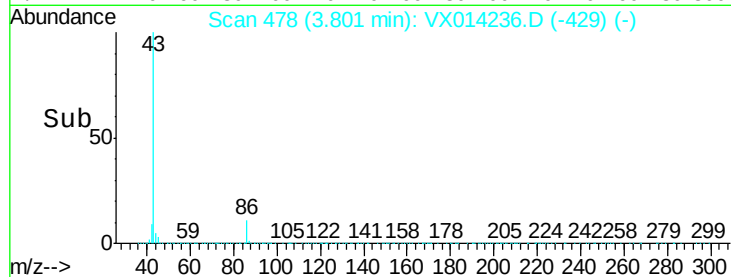
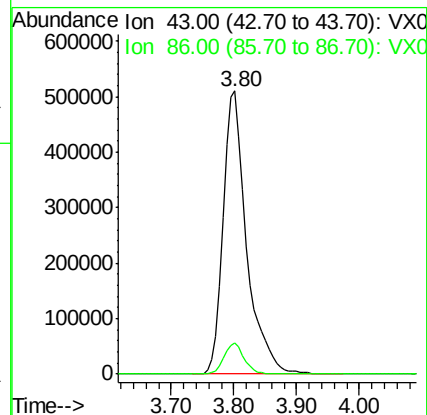
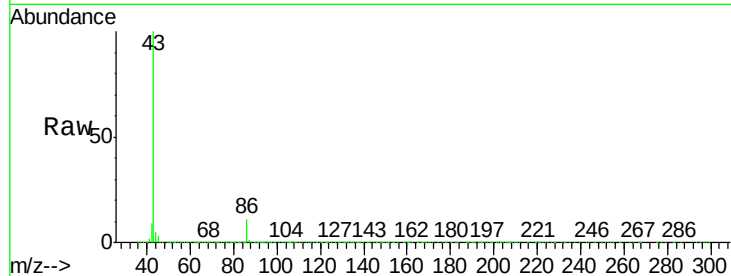
43 100

86 11.0 8.6 12.8

Manual Integrations
APPROVED

apatel

12/26/2019 9:24:24 AM



#24

1,1-Dichloroethane

Concen: 18.723 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

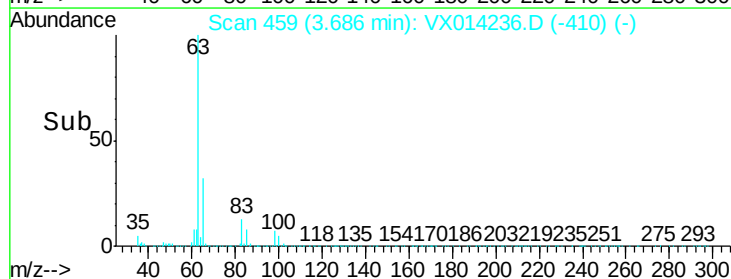
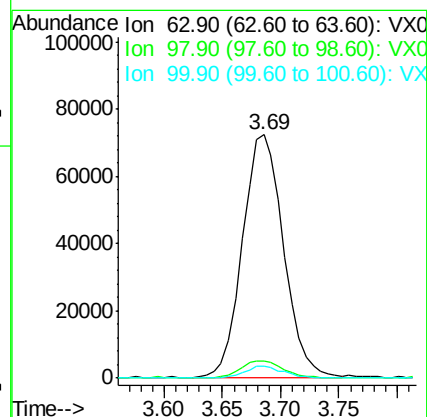
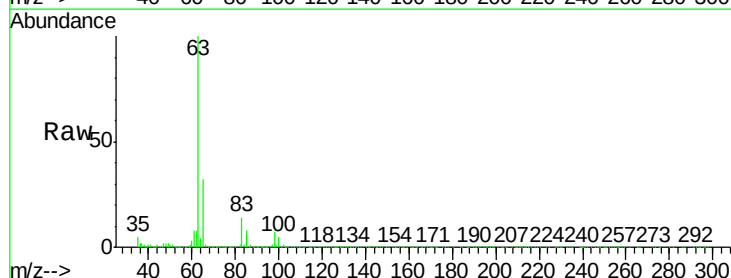
Tgt Ion: 63 Resp: 177786

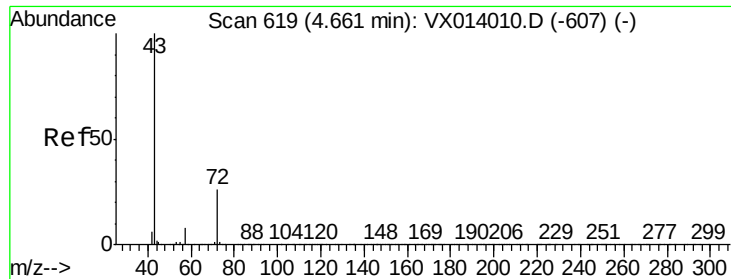
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 95.372 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 43 Resp: 431429

Ion Ratio Lower Upper

43 100

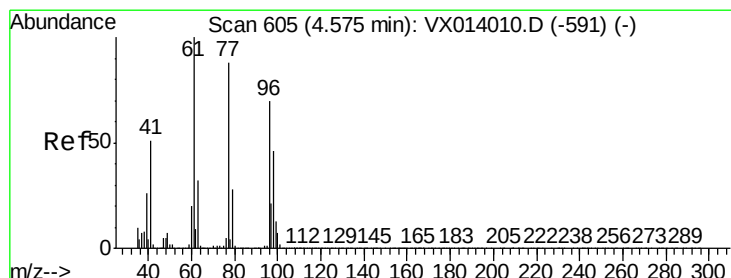
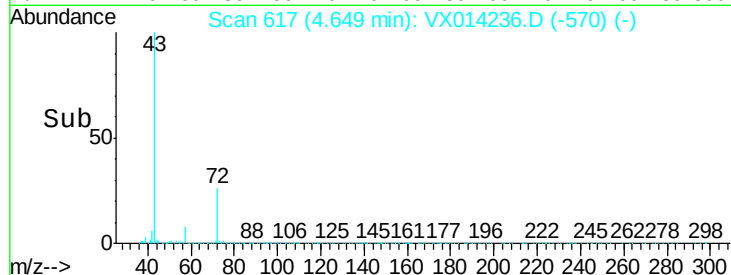
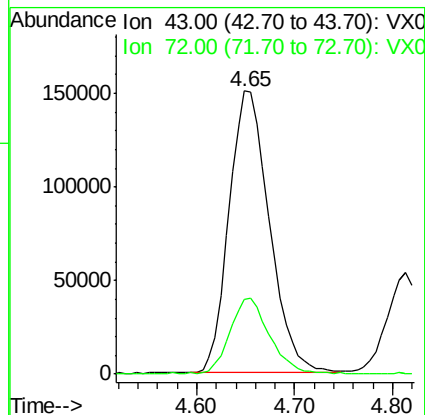
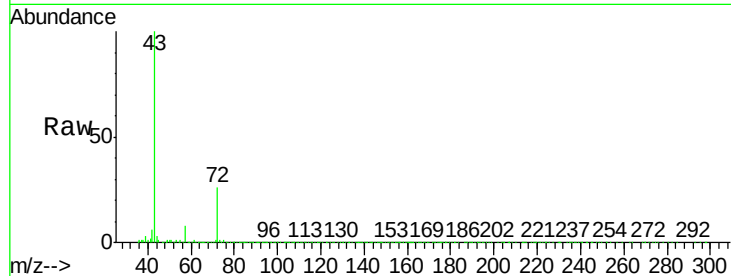
72 25.9 21.0 31.4

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#26

2,2-Dichloropropane

Concen: 18.102 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014236.D

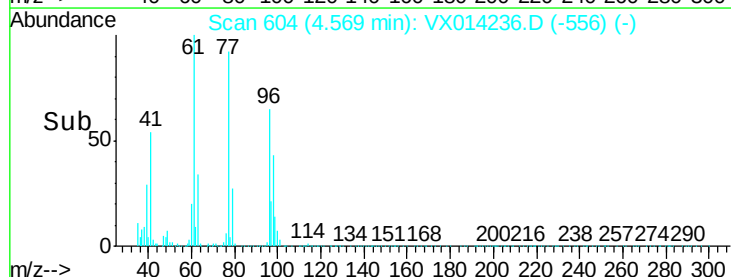
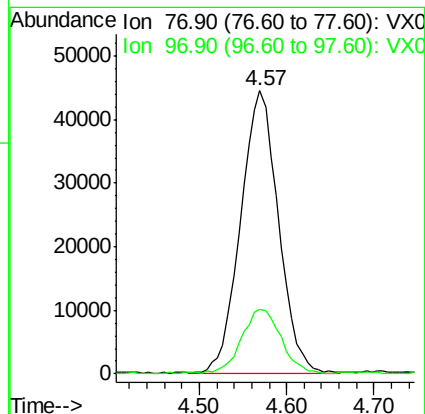
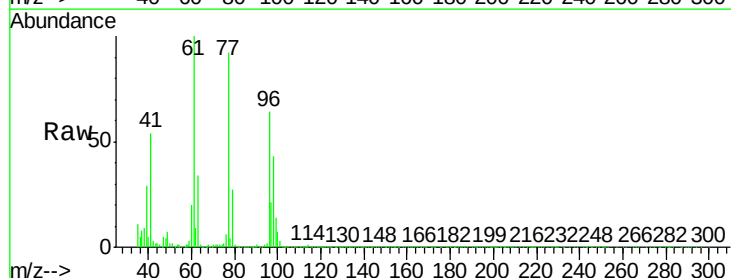
Acq: 24 Dec 2019 11:45

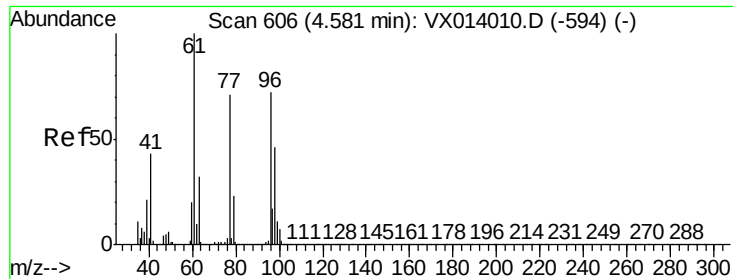
Tgt Ion: 77 Resp: 133458

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9





#27

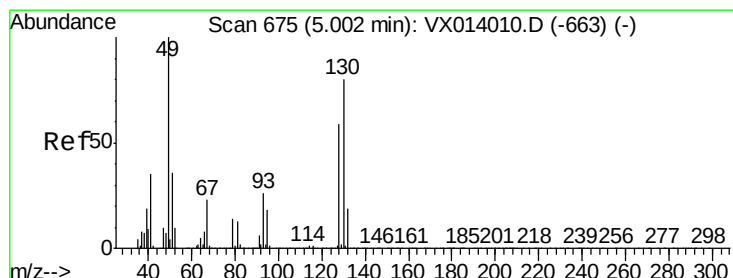
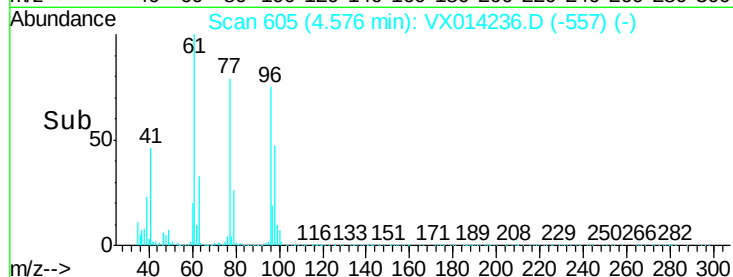
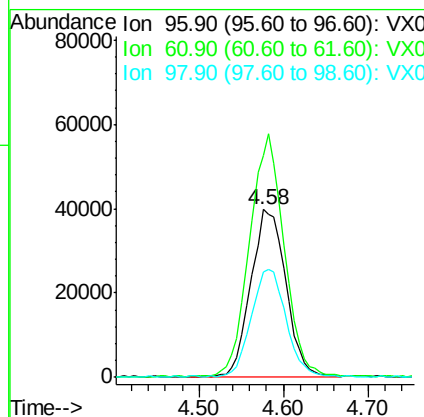
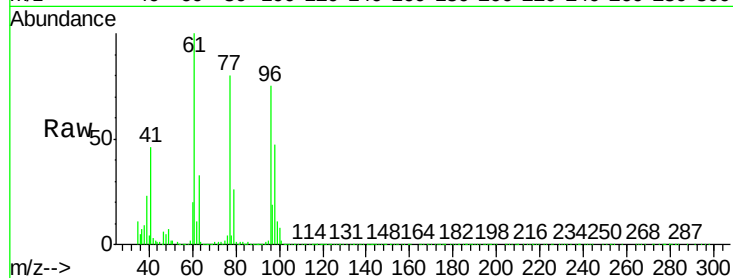
cis-1,2-Dichloroethene
Concen: 18.897 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	112941		
61	141.6	0.0	288.4	
98	63.9	0.0	129.6	

Manual Integrations
APPROVED

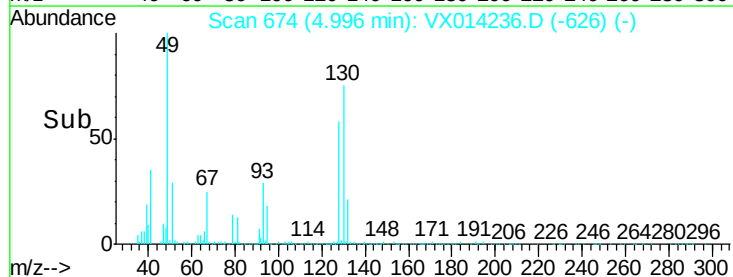
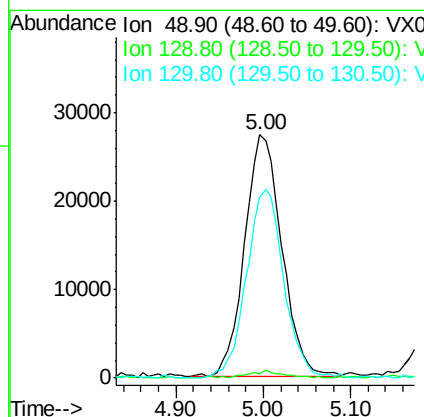
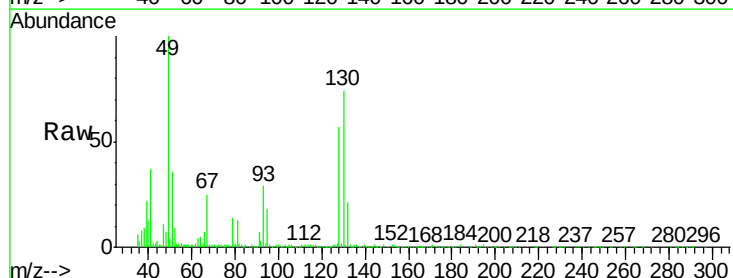
apatel
12/26/2019 9:24:24 AM

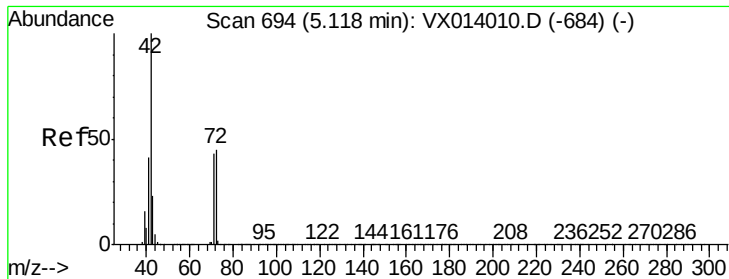


#28

Bromochloromethane
Concen: 22.256 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80347		
129	2.6	0.0	5.0	
130	79.2	64.6	97.0	





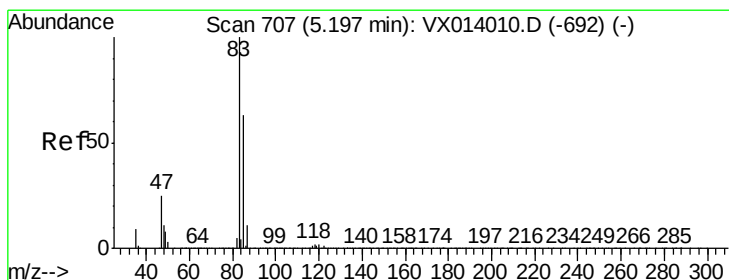
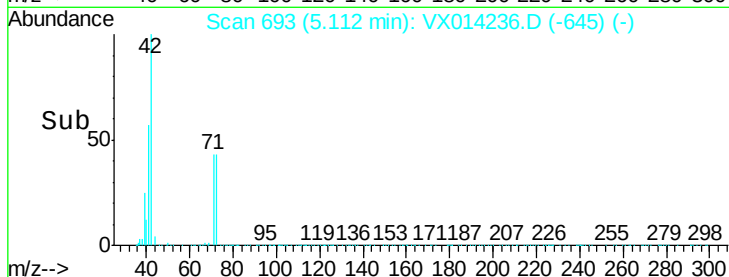
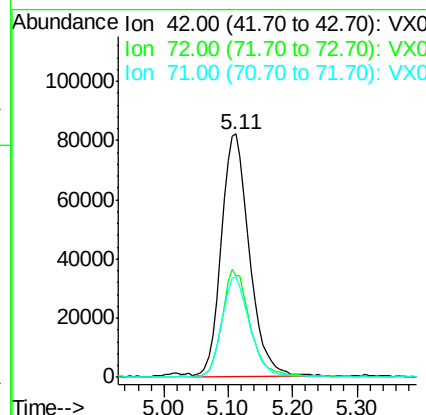
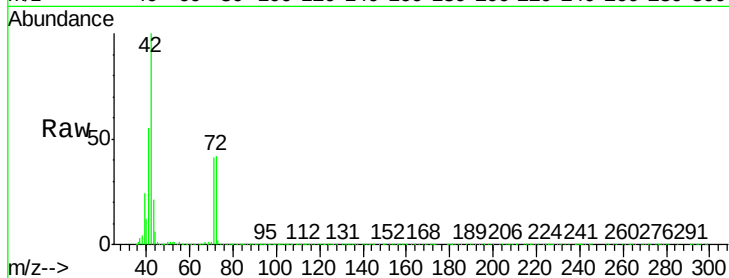
#29
Tetrahydrofuran
Concen: 99.221 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampled :
VX1224MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.8	53.8
71	40.8	33.6	50.4

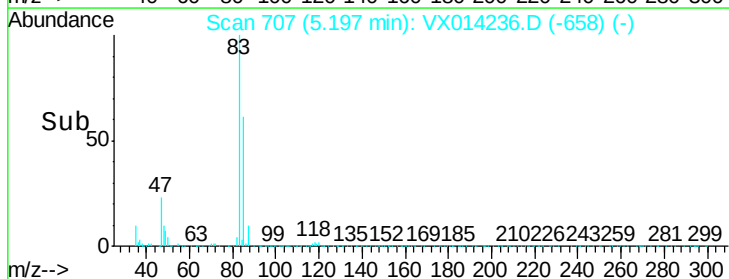
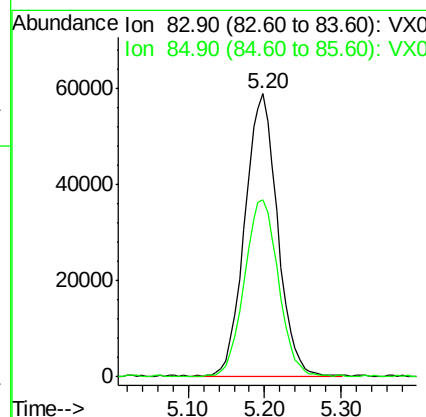
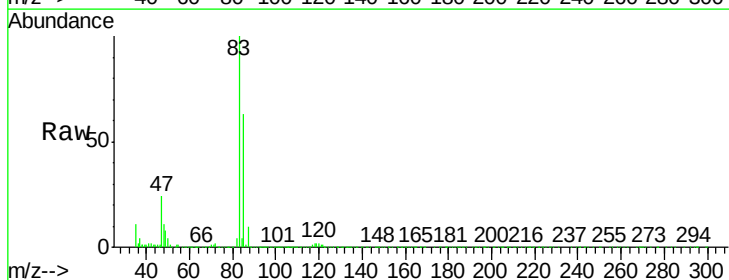
Manual Integrations
APPROVED

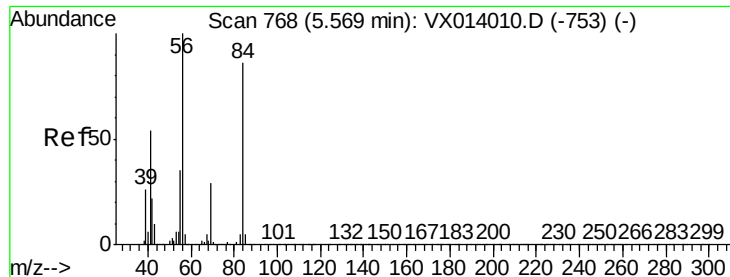
apatel
12/26/2019 9:24:24 AM



#30
Chloroform
Concen: 19.400 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.8	76.2





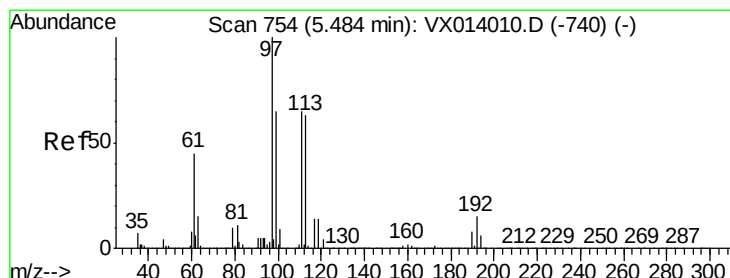
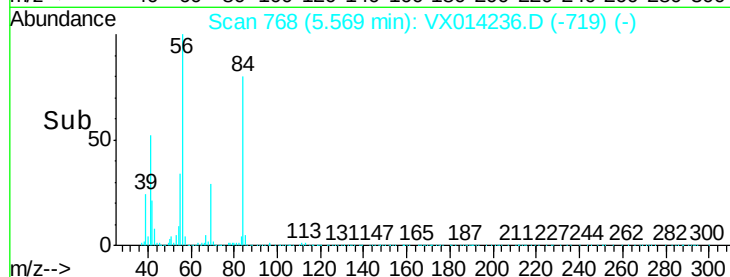
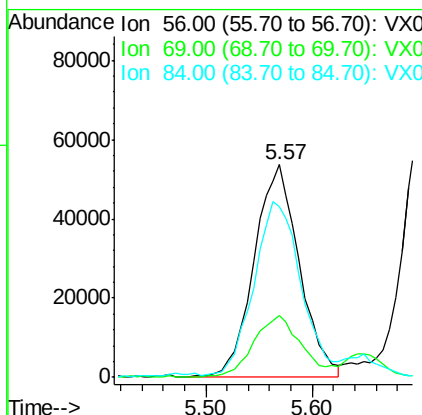
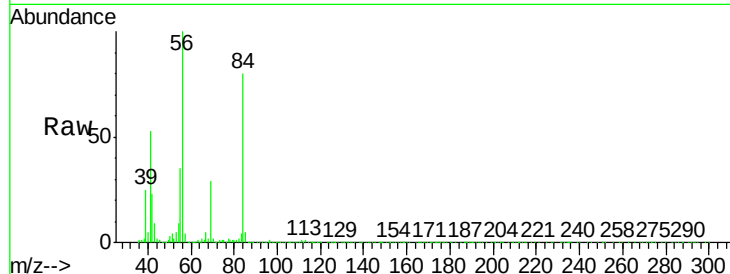
#31
Cyclohexane
Concen: 18.589 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.2	34.8
84	79.4	69.2	103.8

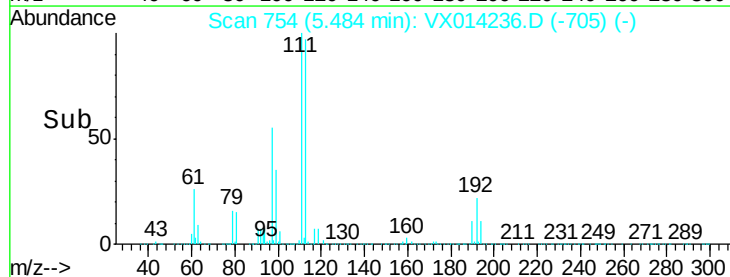
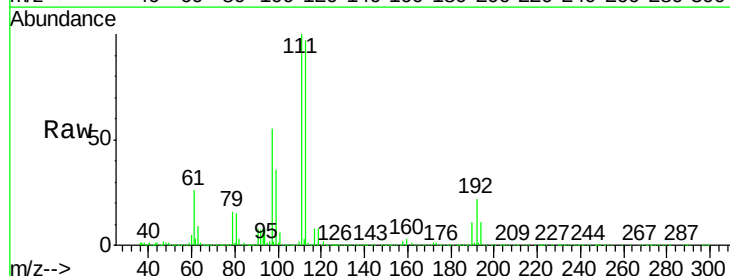
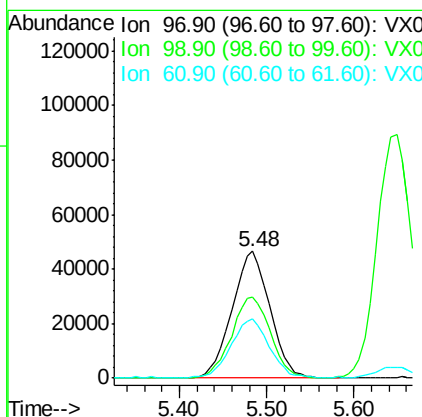
Manual Integrations
APPROVED

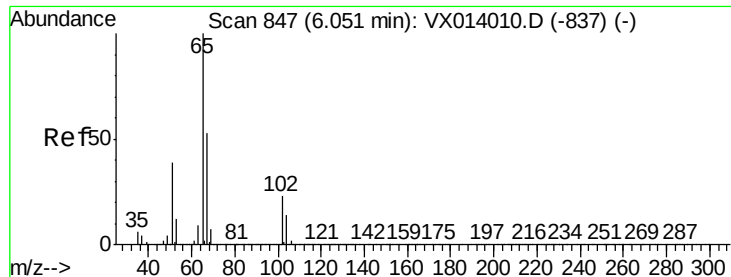
apatel
12/26/2019 9:24:24 AM



#32
1,1,1-Trichloroethane
Concen: 17.967 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	52.0	78.0
61	48.5	36.7	55.1





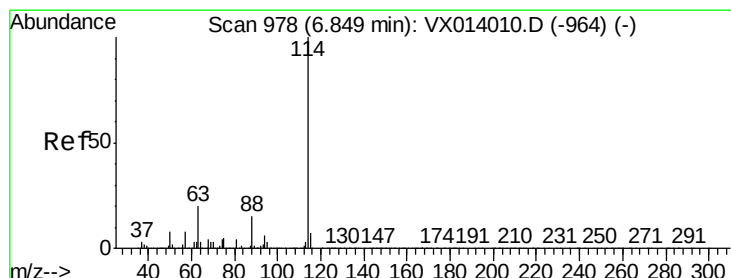
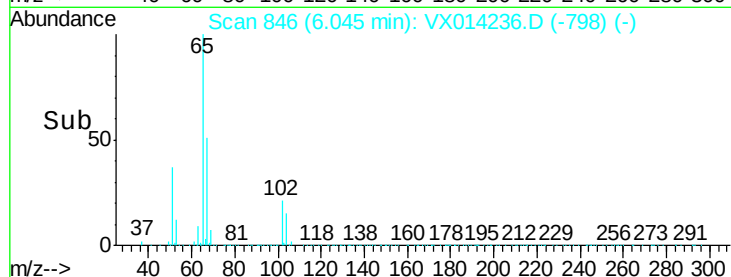
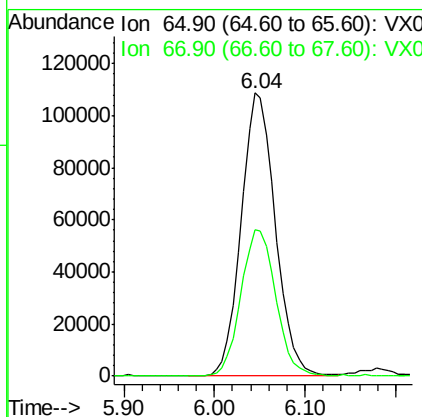
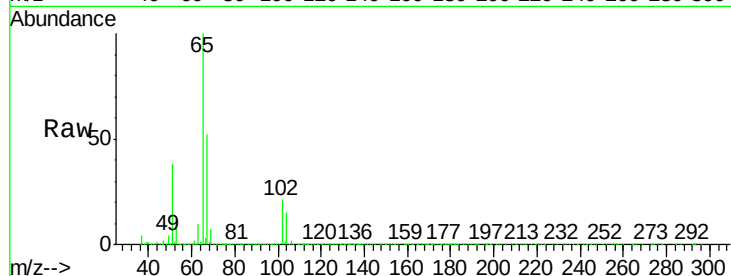
#33
 1,2-Dichloroethane-d4
 Concen: 50.326 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	284428		
67	52.3	0.0	106.4	

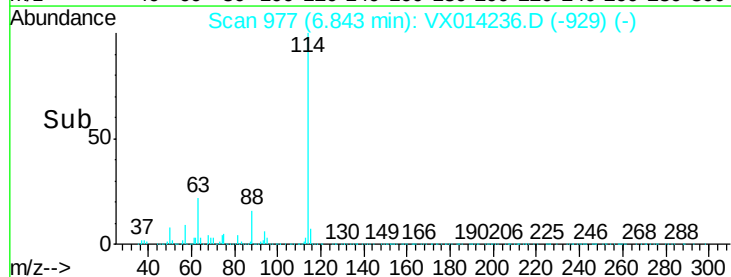
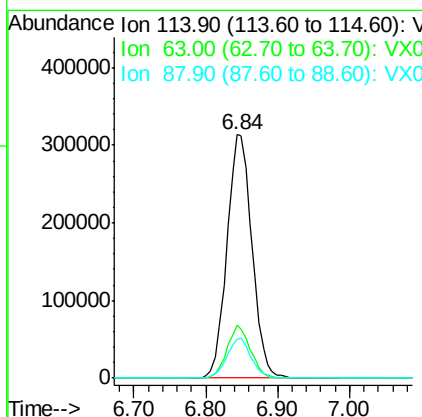
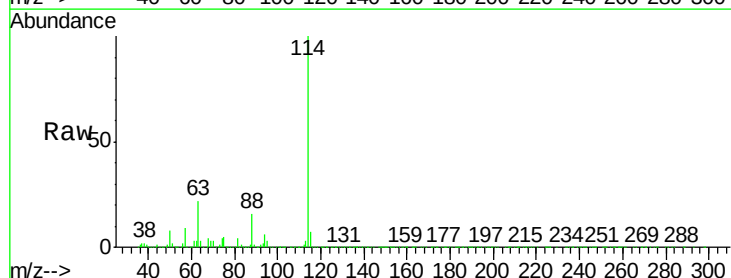
Manual Integrations
 APPROVED

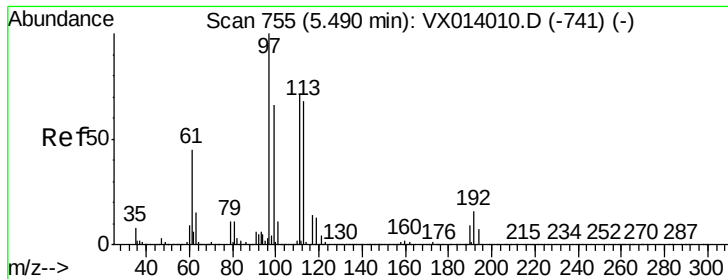
apatel
 12/26/2019 9:24:24 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	757106		
63	21.6	0.0	40.8	
88	15.9	0.0	30.4	





#35

Dibromofluoromethane

Concen: 50.112 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

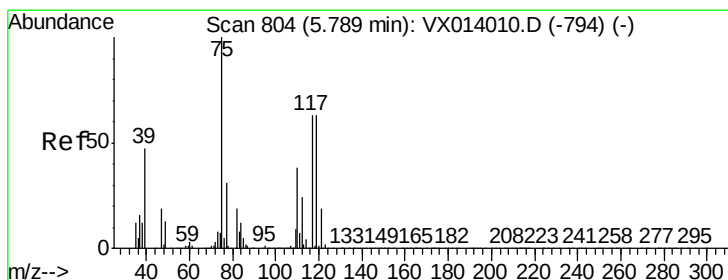
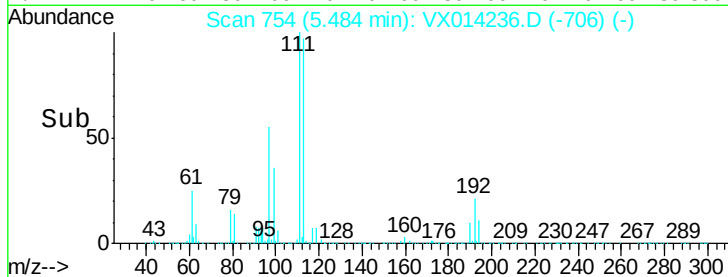
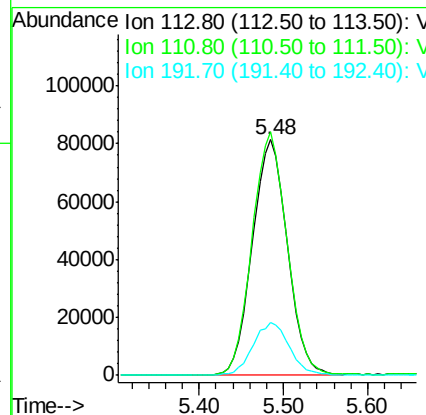
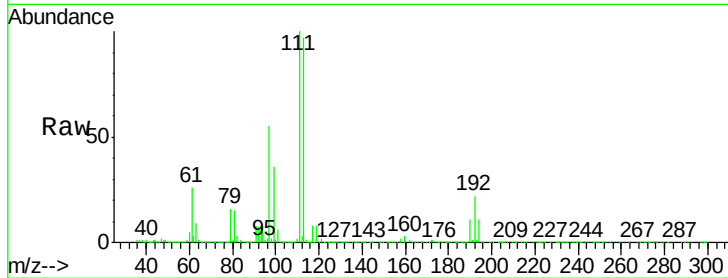
ClientSampleId :

VX1224MBS01

Tot Ion:	113	Resp:	230633
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.0	123.0
192	23.0	19.3	28.9

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#36

1,1-Dichloropropene

Concen: 18.145 ug/l

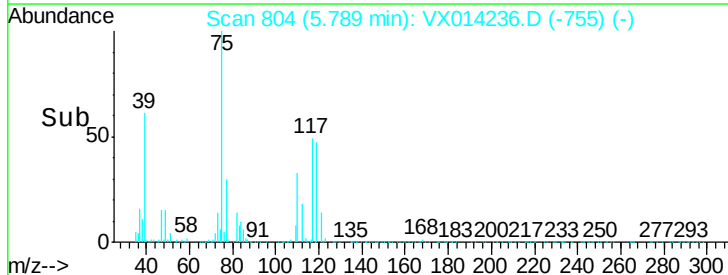
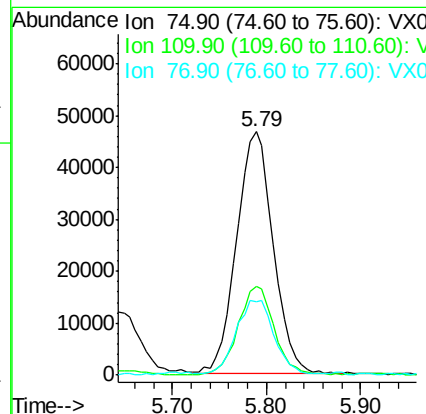
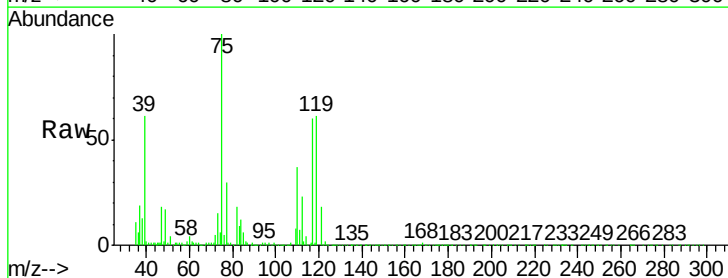
RT: 5.79 min Scan# 804

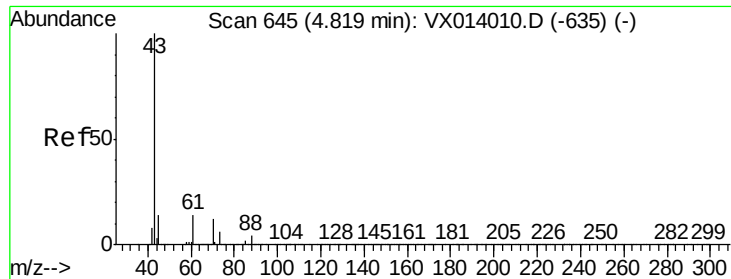
Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	75	Resp:	126050
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.3	54.9
77	31.7	24.8	37.2





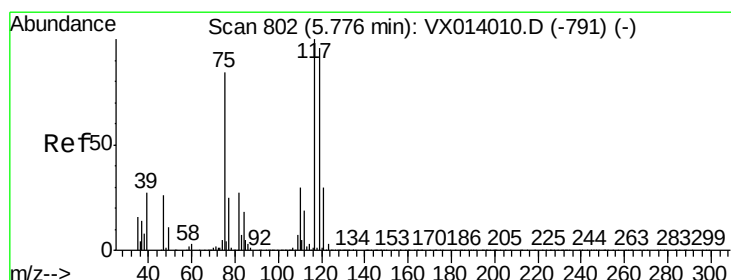
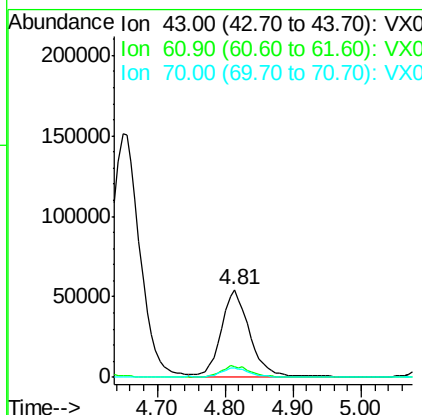
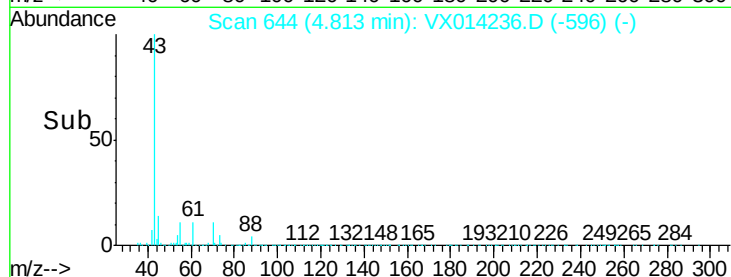
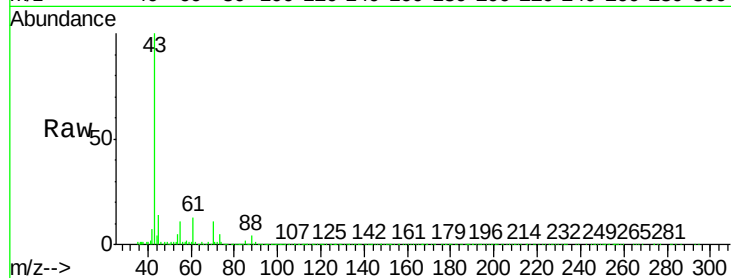
#37
Ethyl Acetate
Concen: 20.323 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	43	Resp	155906
Ion Ratio	Lower	Upper	
43	100		
61	14.2	10.8	16.2
70	10.0	8.6	12.8

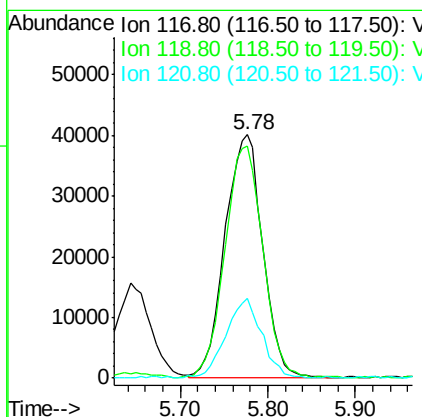
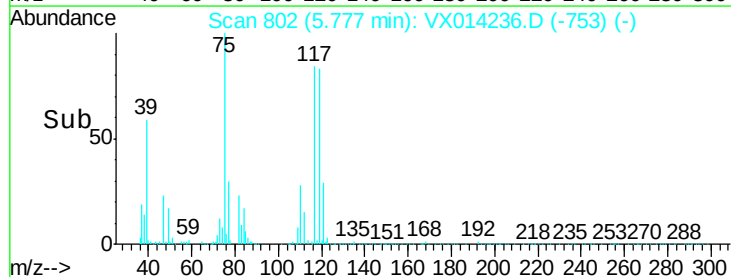
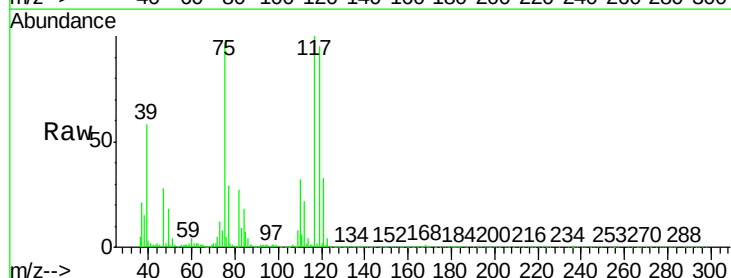
Manual Integrations
APPROVED

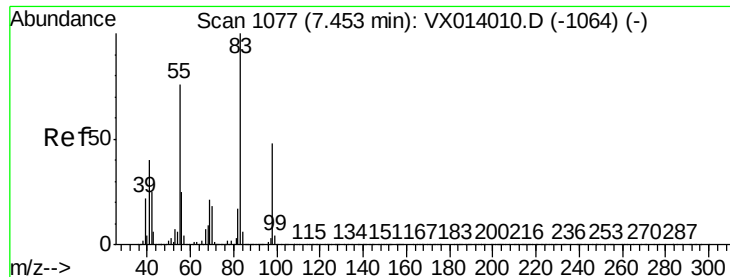
apatel
12/26/2019 9:24:24 AM



#38
Carbon Tetrachloride
Concen: 18.793 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	117	Resp	118934
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.2	114.4
121	32.6	23.6	35.4





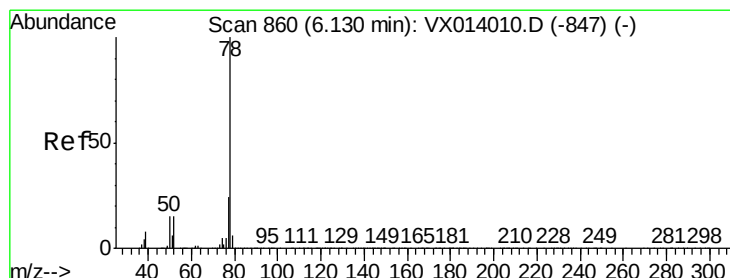
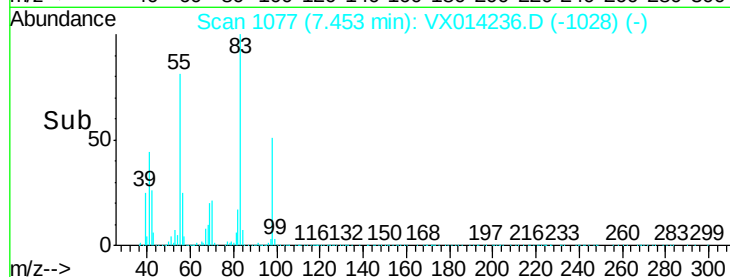
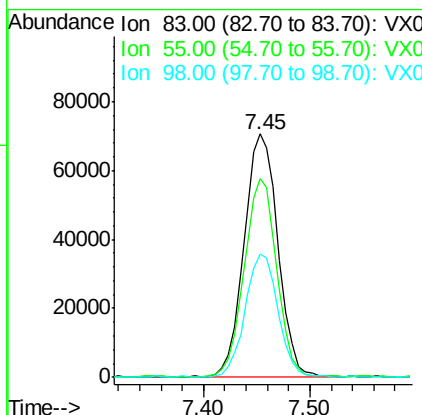
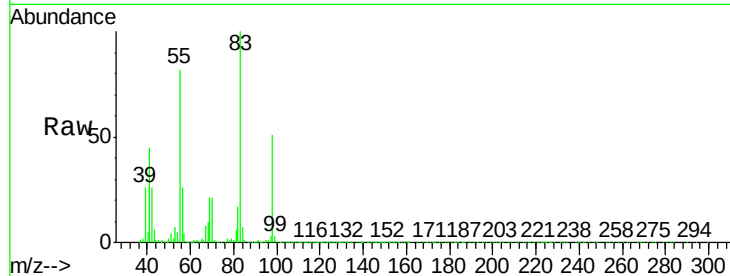
#39
Methylvlcyclohexane
Concen: 18.317 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	157117		
55	81.4	61.0	91.6	
98	50.6	38.6	57.8	

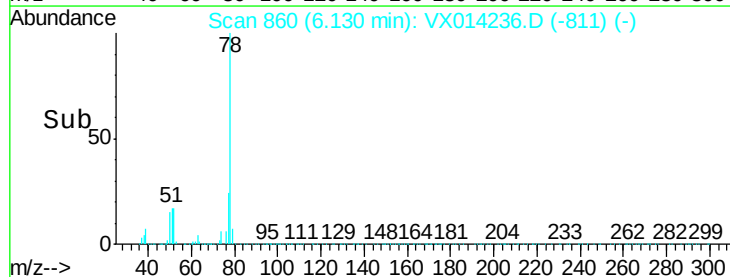
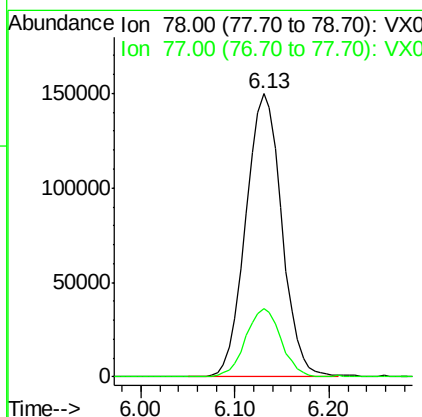
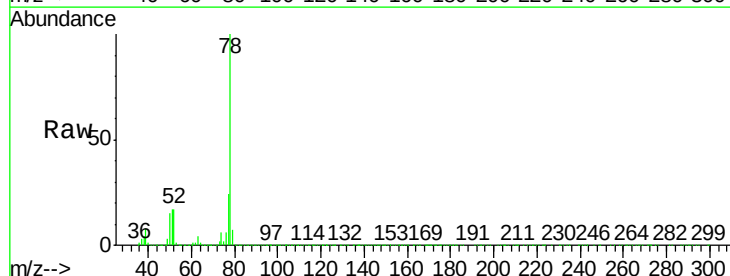
Manual Integrations
APPROVED

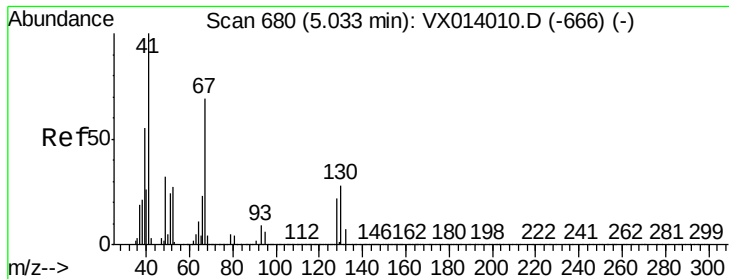
apatel
12/26/2019 9:24:24 AM



#40
Benzene
Concen: 18.682 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	399331		
77	24.3	18.8	28.2	





#41

Methacrylonitrile

Concen: 19.988 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

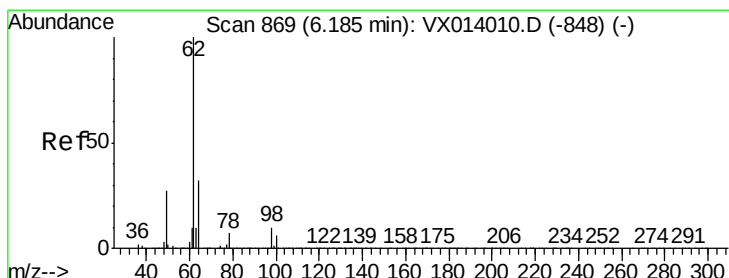
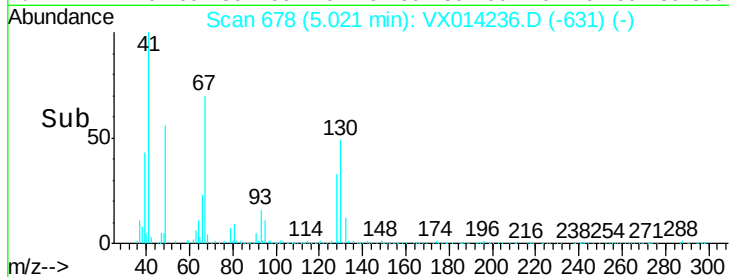
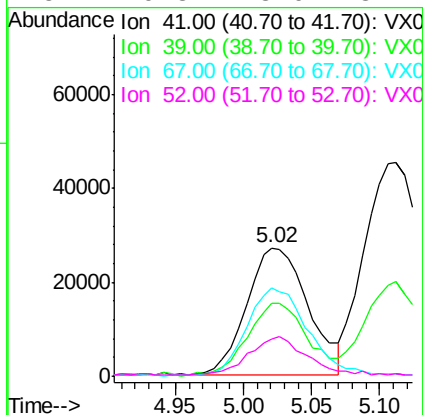
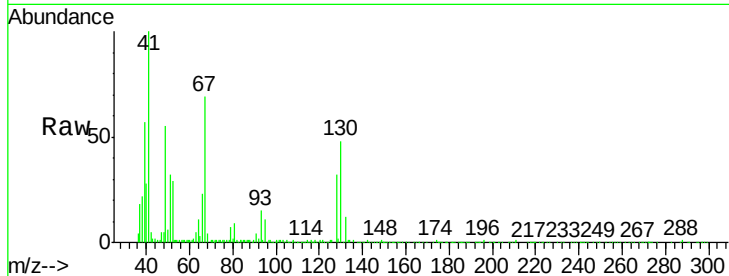
ClientSampleId :

VX1224MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		85076		
39	55.8	44.5	66.7		
67	68.0	57.4	86.0		
52	29.3	23.0	34.4		

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#42

1,2-Dichloroethane

Concen: 19.490 ug/l

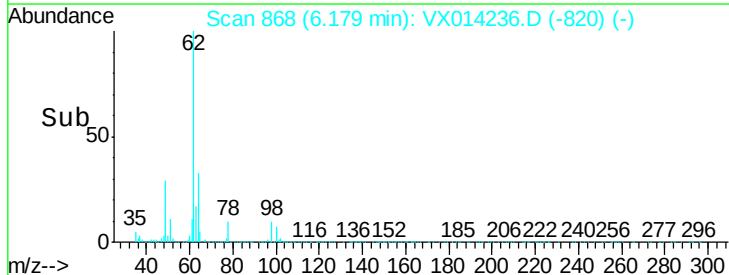
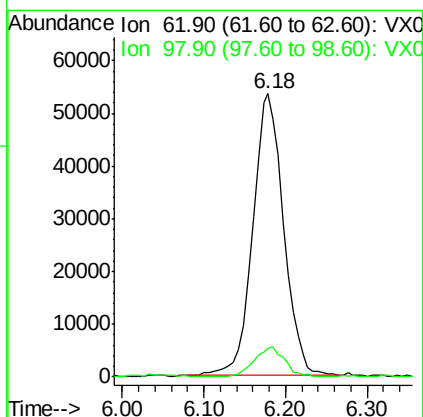
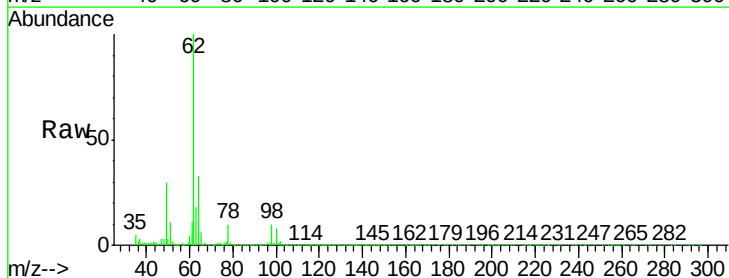
RT: 6.18 min Scan# 868

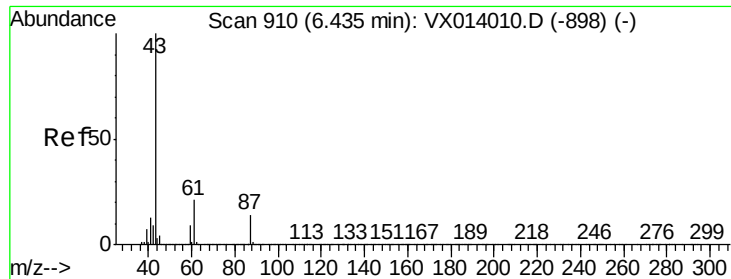
Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		141213		
98	10.9	0.0	21.0		





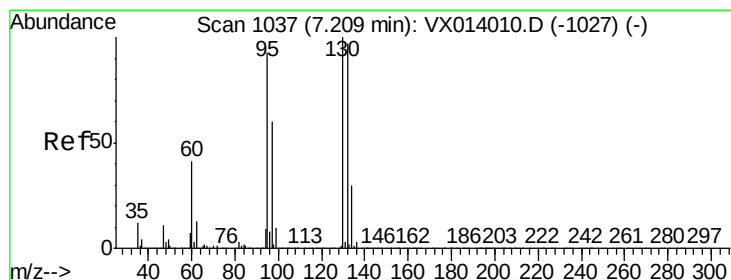
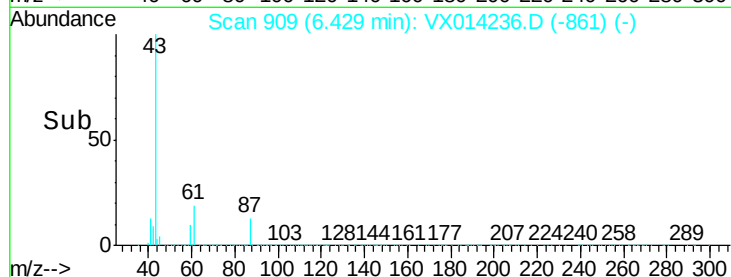
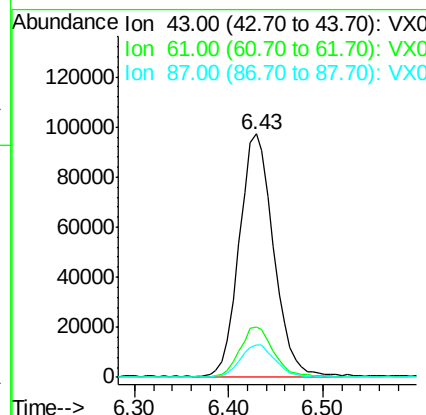
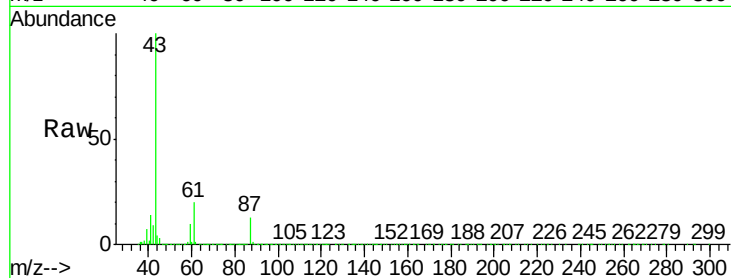
#43
Isopropyl Acetate
Concen: 19.303 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	43	Resp	245069
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.4	24.6
87	13.3	10.7	16.1

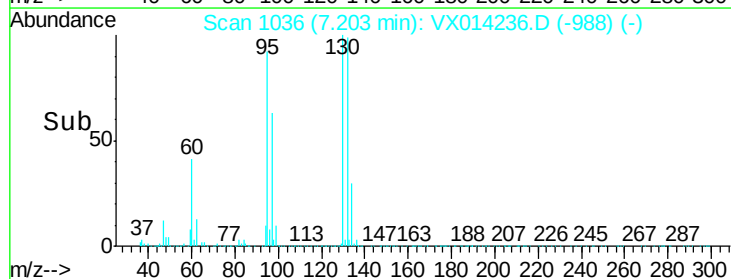
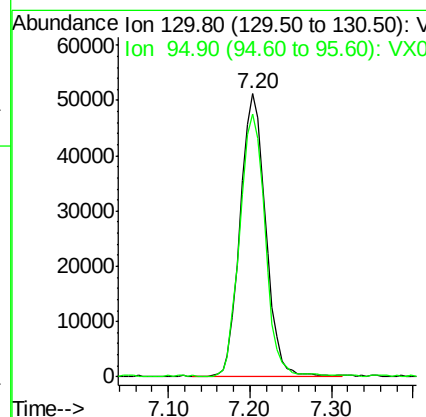
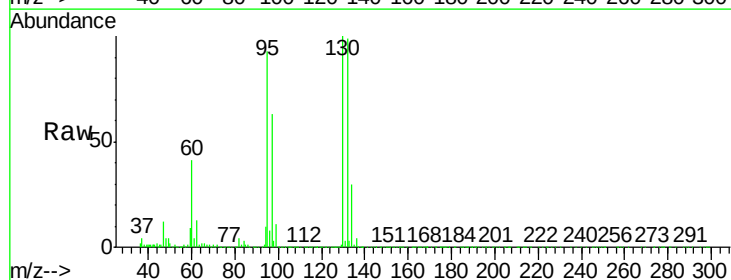
Manual Integrations
APPROVED

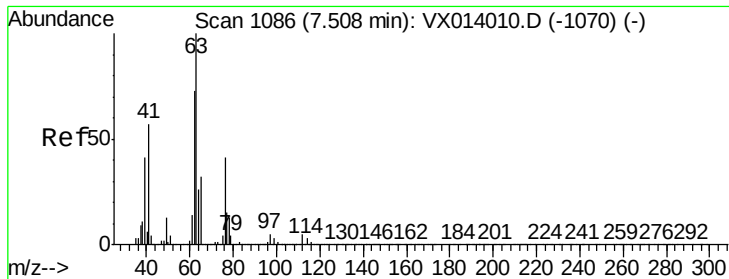
apatel
12/26/2019 9:24:24 AM



#44
Trichloroethene
Concen: 18.597 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	130	Resp	109797
Ion Ratio	Lower	Upper	
130	100		
95	92.4	0.0	185.6





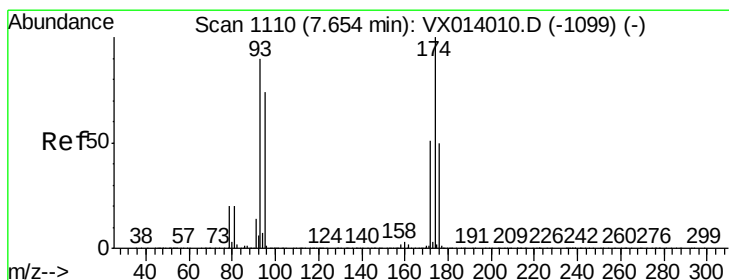
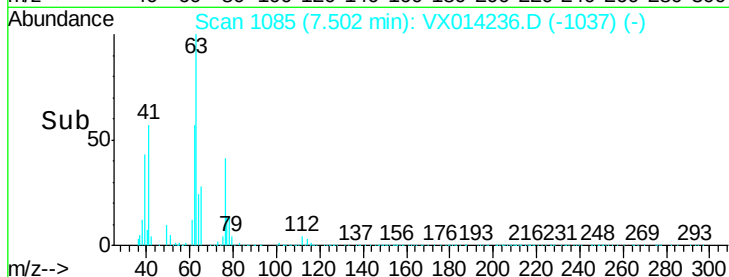
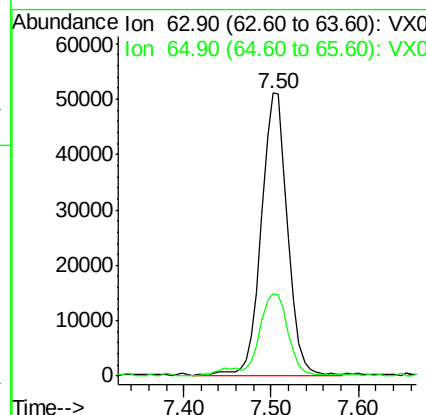
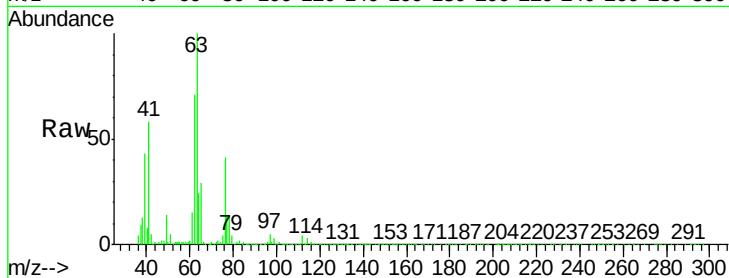
#45
 1,2-Dichloropropane
 Concen: 19.310 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	25.8	38.8

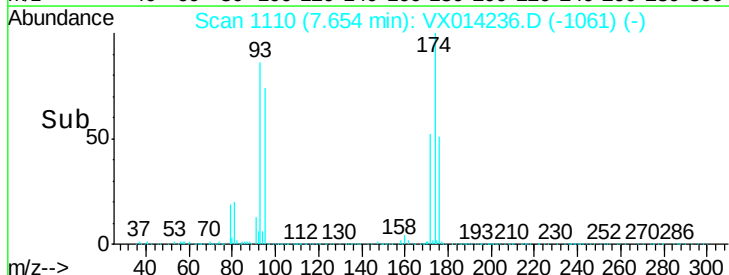
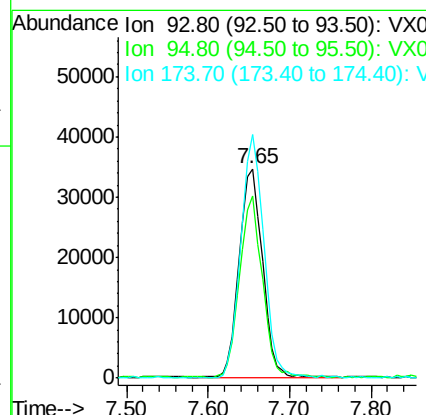
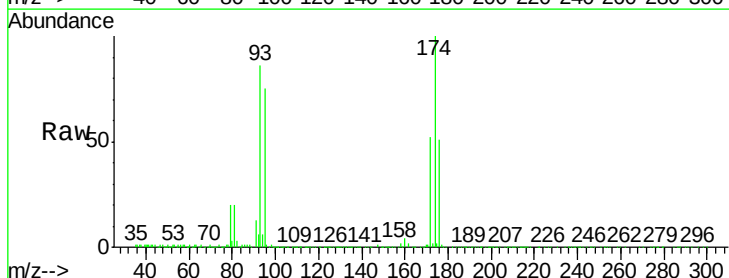
Manual Integrations
 APPROVED

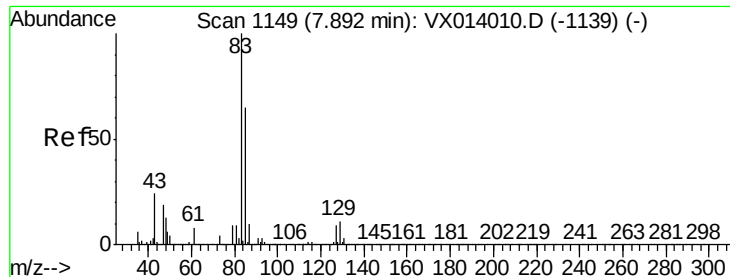
apatel
 12/26/2019 9:24:24 AM



#46
 Dibromomethane
 Concen: 18.856 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.3	100.9
174	115.3	91.6	137.4





#47

Bromodichloromethane

Concen: 19.159 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

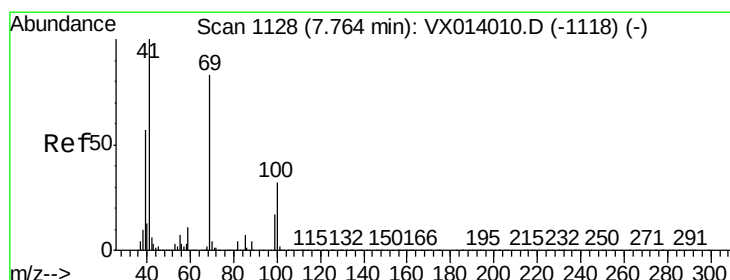
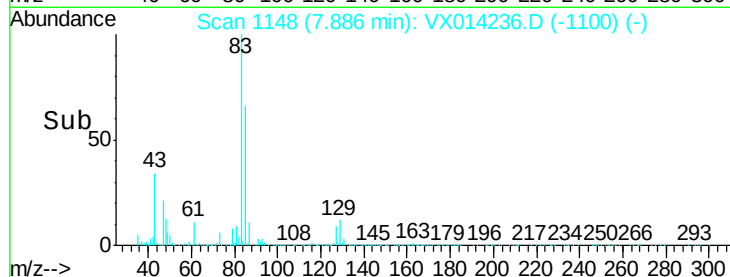
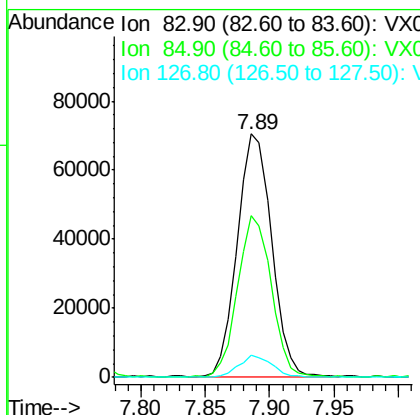
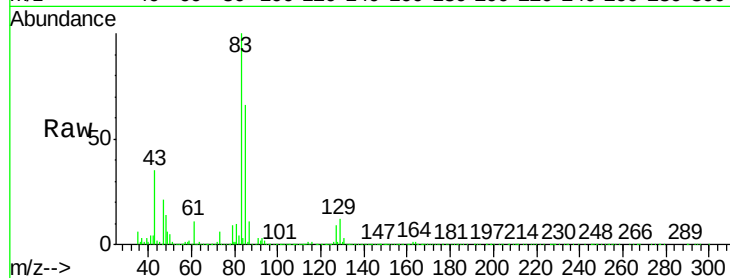
ClientSampleId :

VX1224MBS01

Tot Ion:	83	Resp:	130701
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.8	77.8
127	8.8	7.0	10.4

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#48

Methyl methacrylate

Concen: 19.346 ug/l

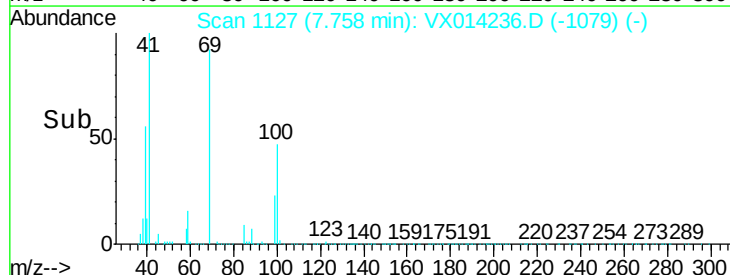
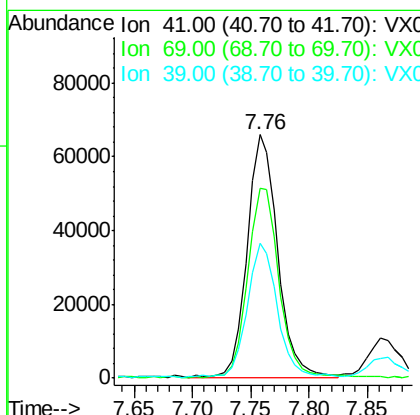
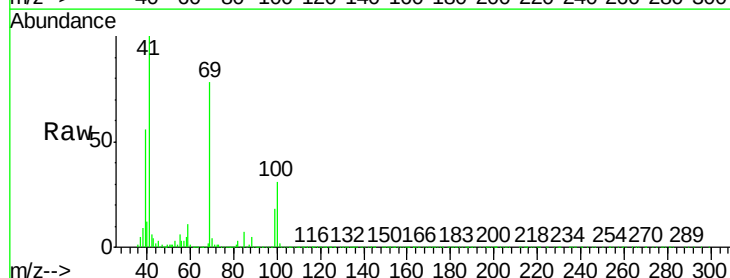
RT: 7.76 min Scan# 1127

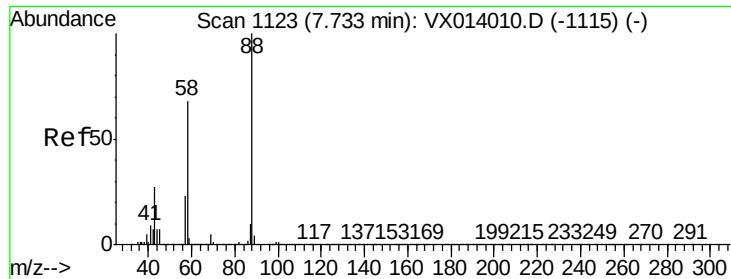
Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	41	Resp:	120270
Ion Ratio	Lower	Upper	
41	100		
69	80.4	65.8	98.6
39	56.3	44.6	67.0





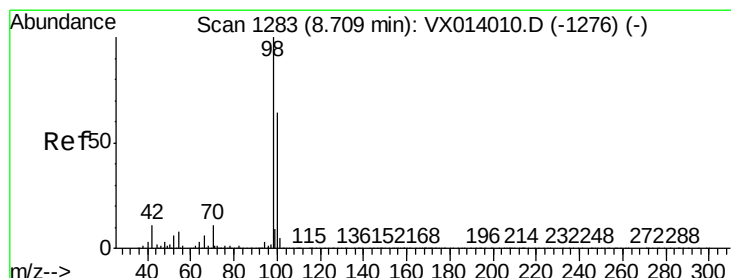
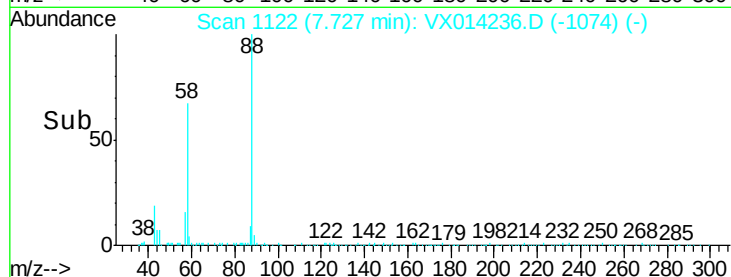
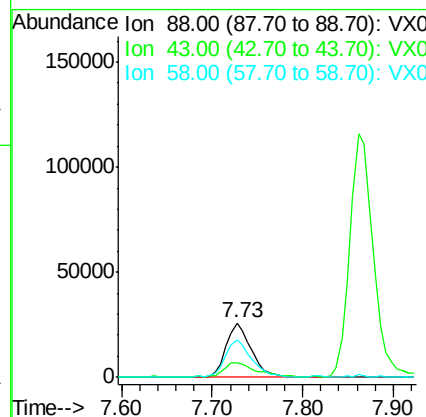
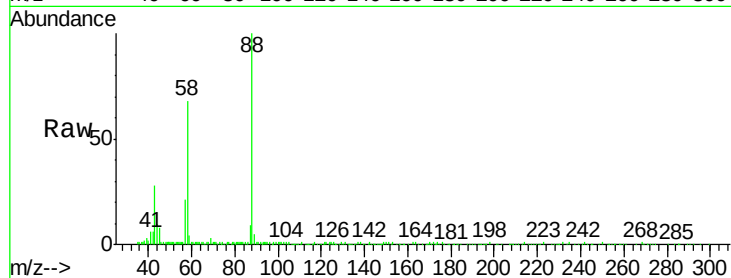
#49
1,4-Dioxane
Concen: 391.213 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	26.5	39.7
58	72.5	56.8	85.2

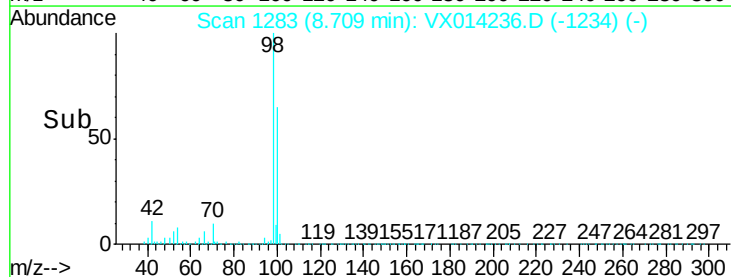
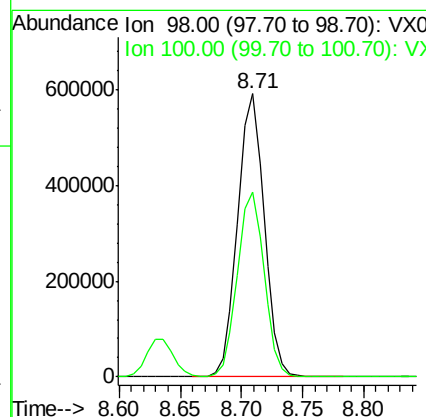
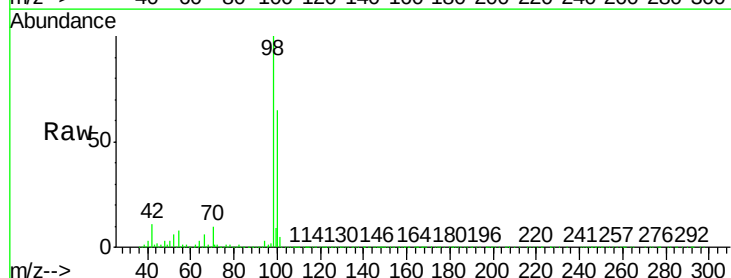
Manual Integrations
APPROVED

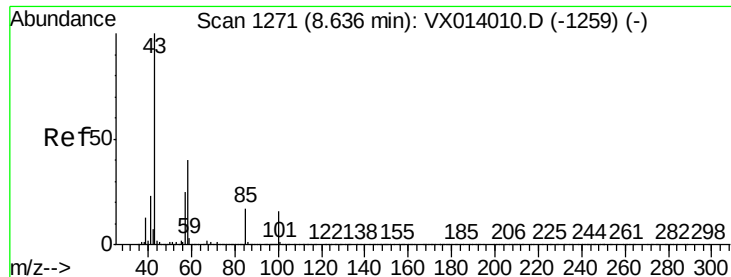
apatel
12/26/2019 9:24:24 AM



#50
Toluene-d8
Concen: 49.603 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





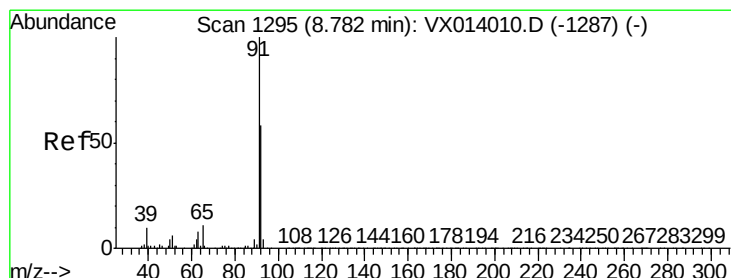
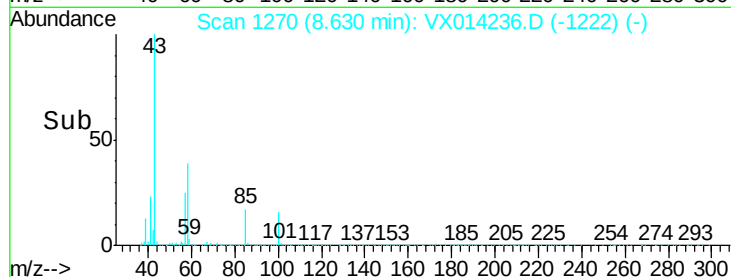
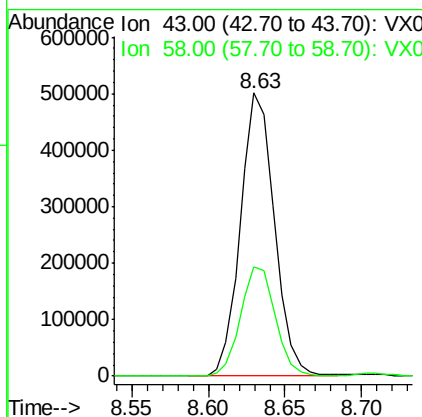
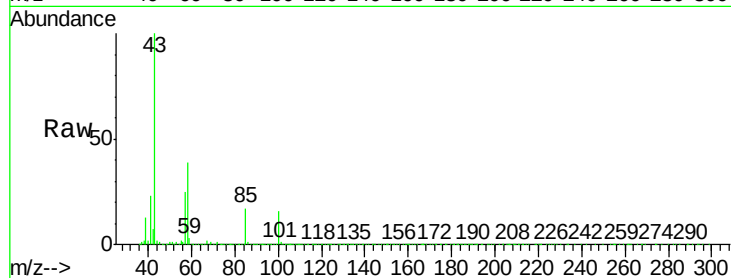
#51
 4-Methyl-2-Pentanone
 Concen: 96.966 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.2	48.2

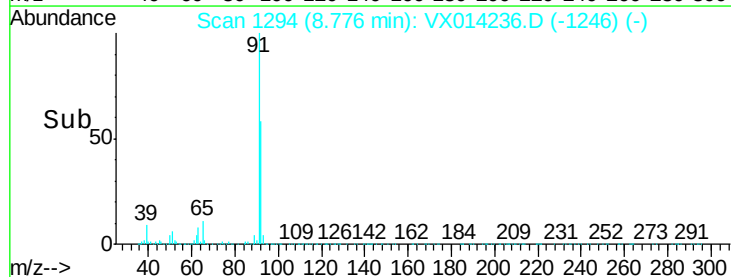
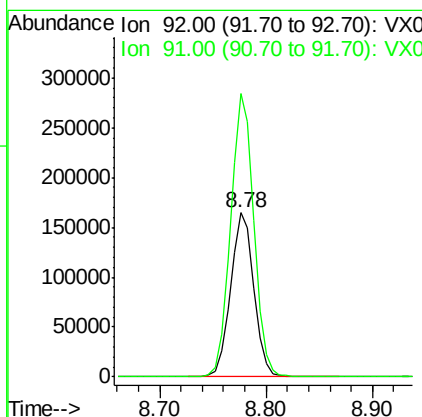
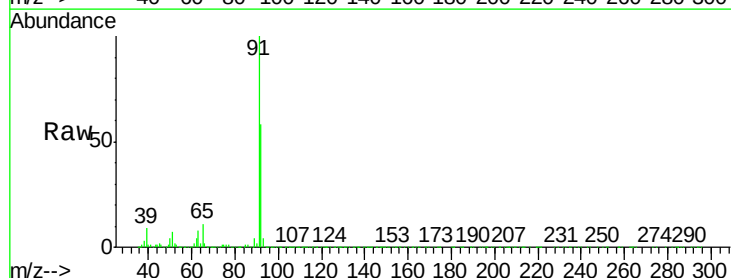
Manual Integrations
 APPROVED

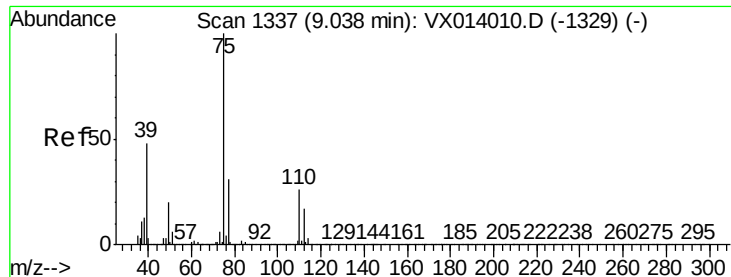
apatel
 12/26/2019 9:24:24 AM



#52
 Toluene
 Concen: 18.632 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.7	136.2	204.4





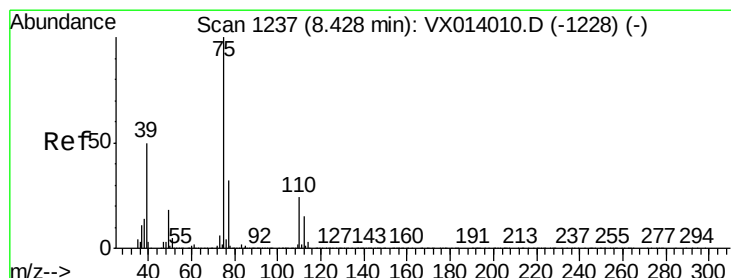
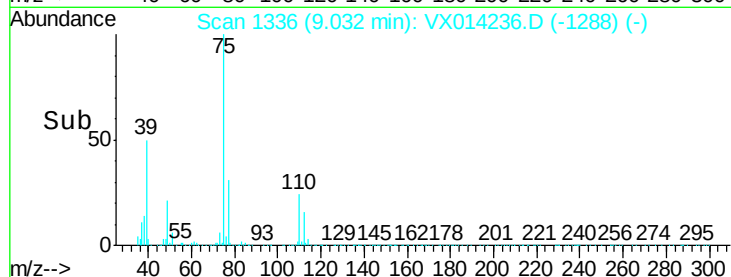
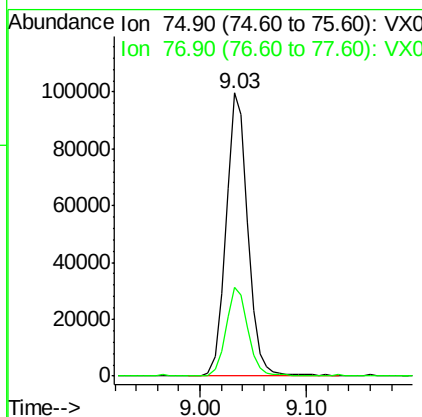
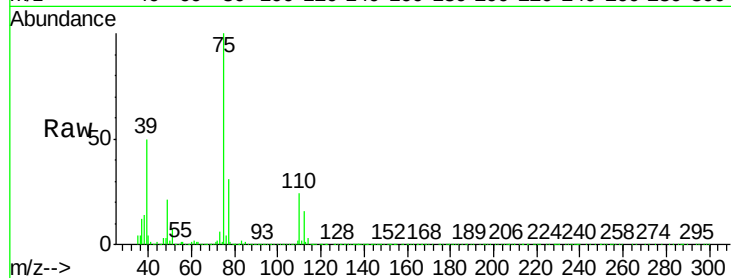
#53
t-1,3-Dichloropropene
Concen: 18.991 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.1	37.7

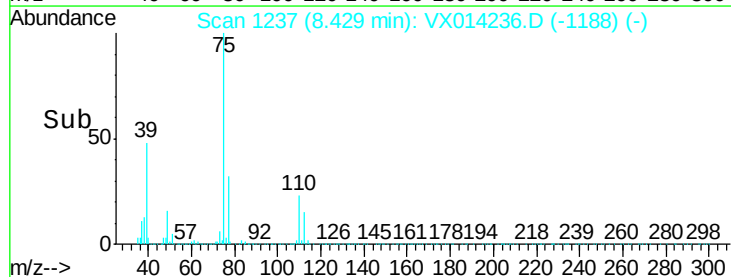
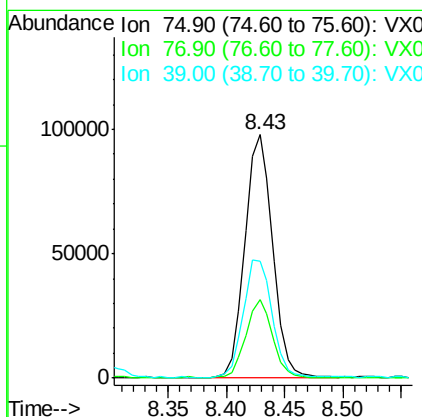
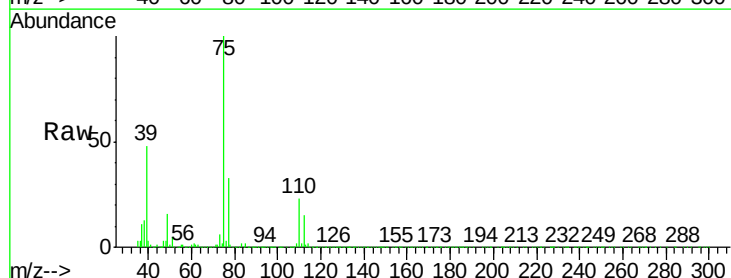
Manual Integrations
APPROVED

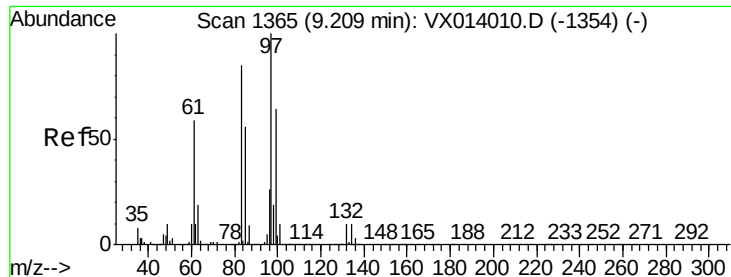
apatel
12/26/2019 9:24:24 AM



#54
cis-1,3-Dichloropropene
Concen: 19.511 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
39	47.6	39.9	59.9





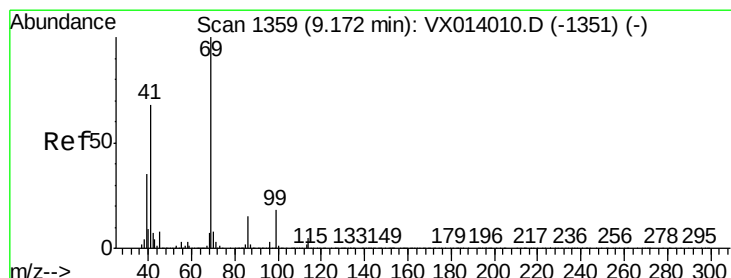
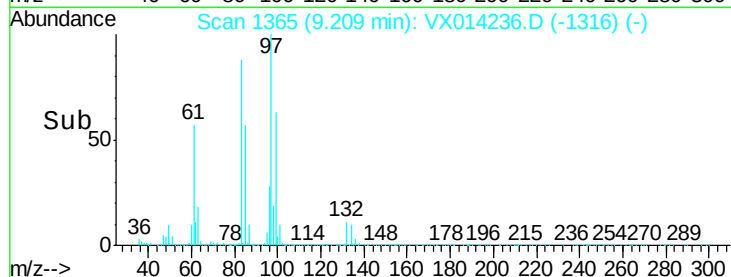
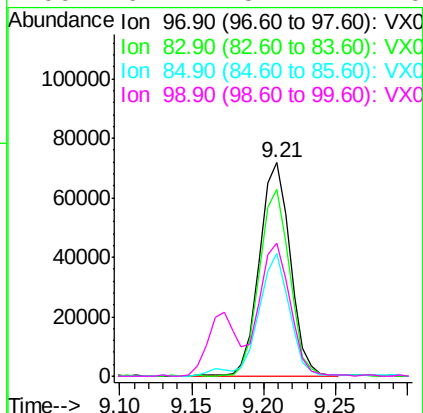
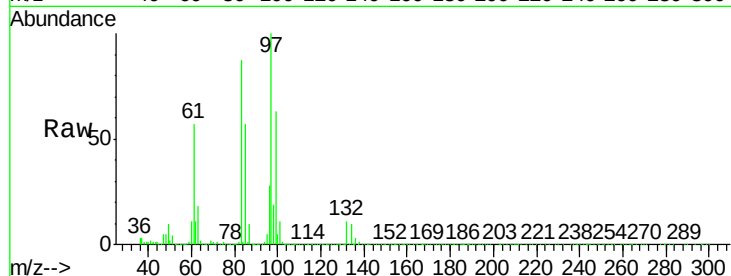
#55
 1,1,2-Trichloroethane
 Concen: 19.554 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		105880		
83	87.1	68.2	102.4		
85	57.1	44.6	66.8		
99	62.1	51.4	77.0		

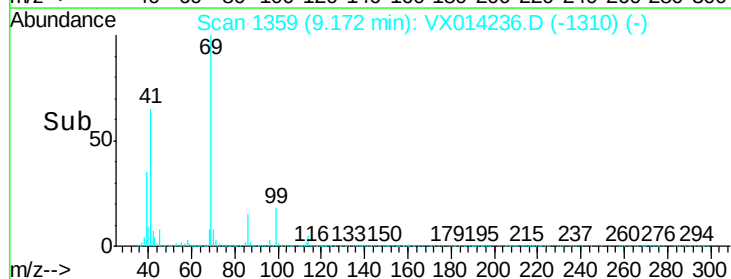
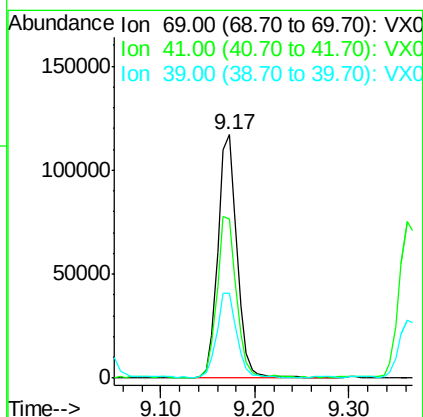
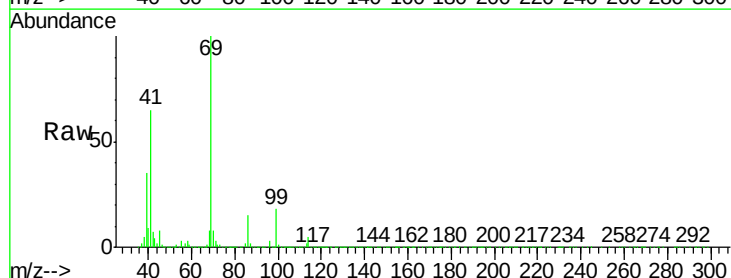
Manual Integrations
 APPROVED

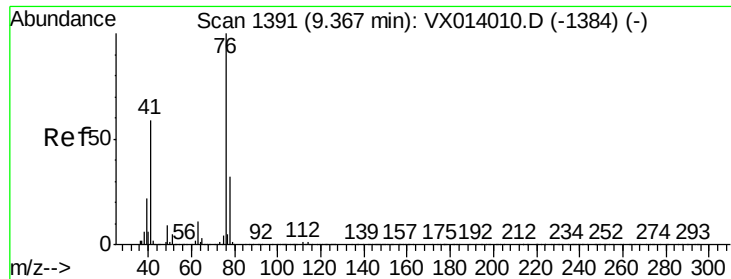
apatel
 12/26/2019 9:24:24 AM



#56
 Ethyl methacrylate
 Concen: 19.232 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		163579		
41	68.0	54.8	82.2		
39	35.9	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.796 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 76 Resp: 180346

Ion Ratio Lower Upper

76 100

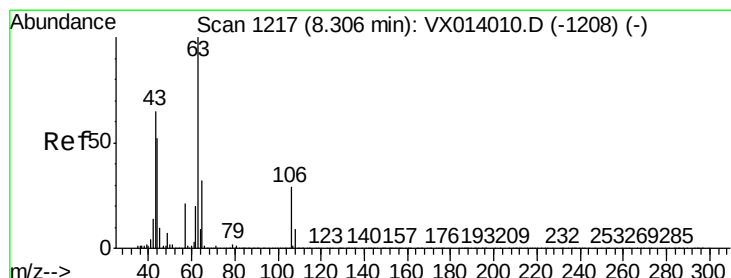
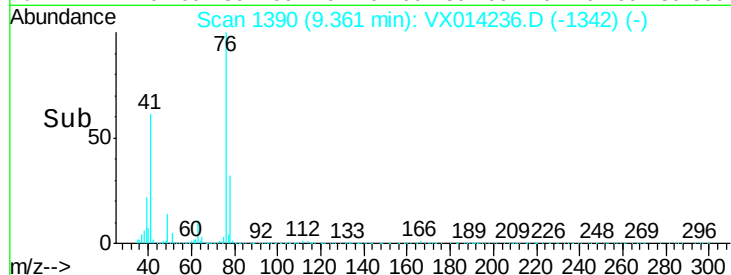
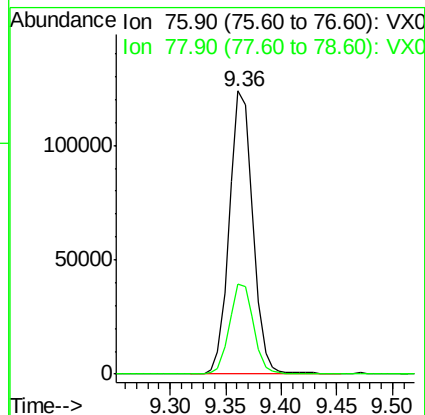
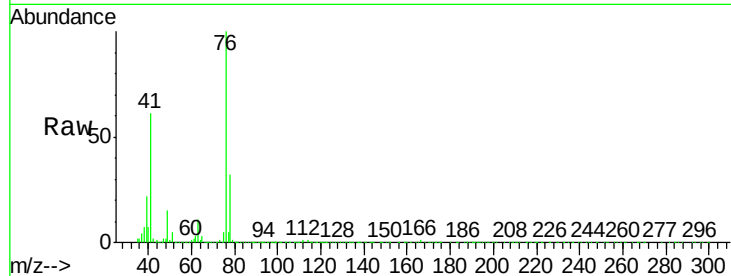
78 32.5 25.8 38.6

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#58

2-Chloroethyl Vinyl ether

Concen: 102.438 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014236.D

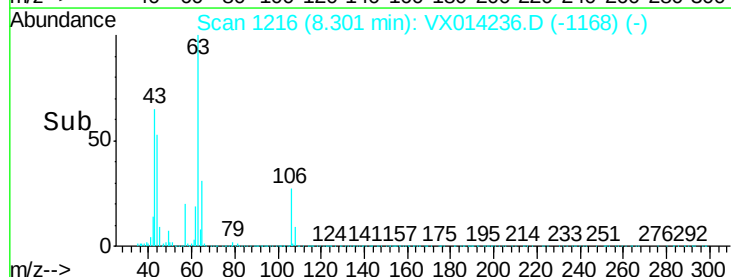
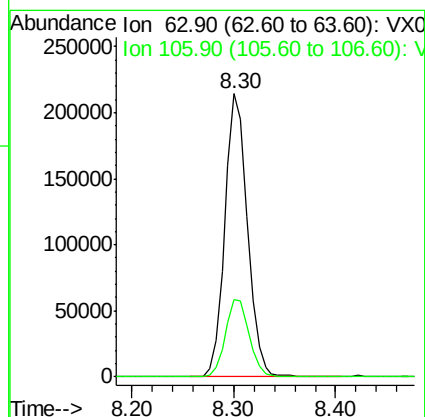
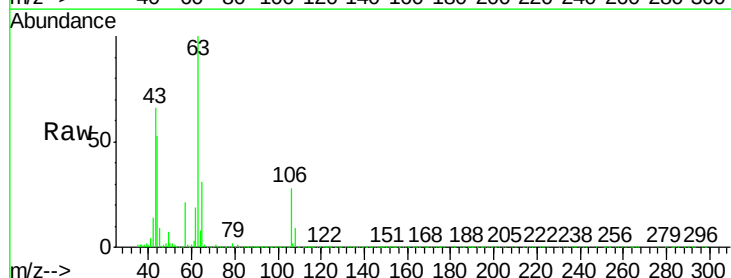
Acq: 24 Dec 2019 11:45

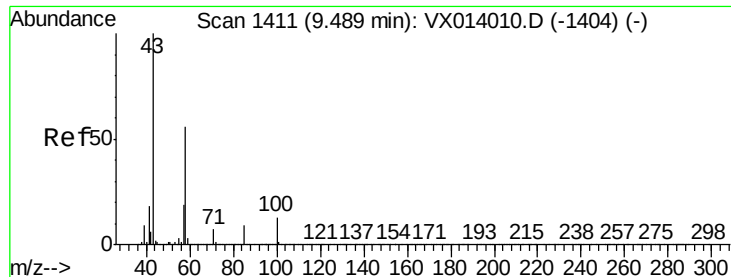
Tgt Ion: 63 Resp: 329735

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6





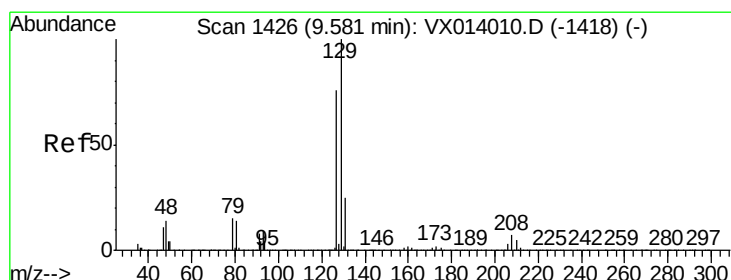
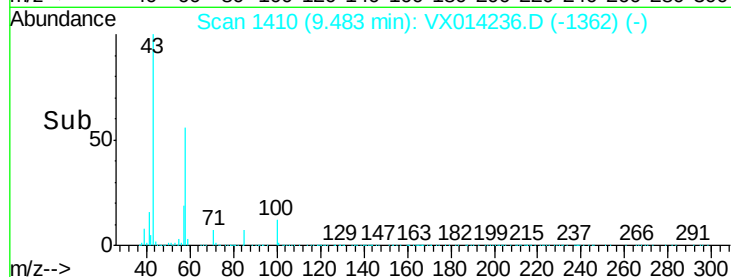
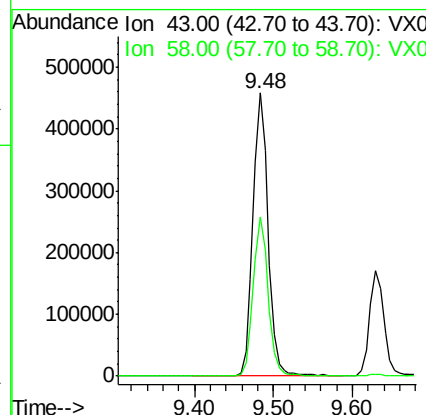
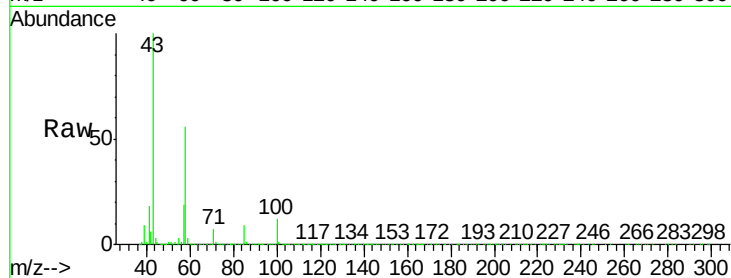
#59
2-Hexanone
Concen: 95.390 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion: 43 Resp: 612250
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0

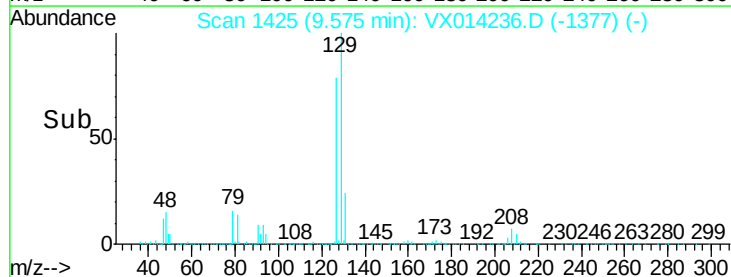
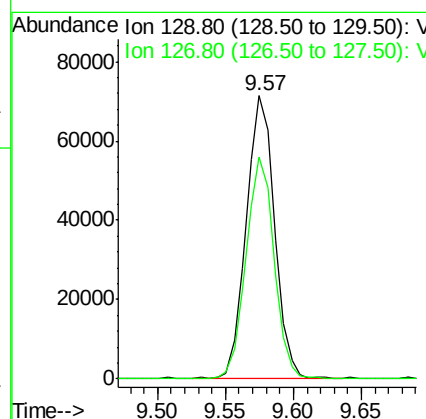
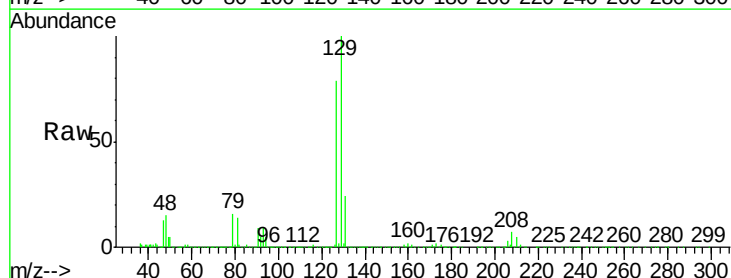
Manual Integrations
APPROVED

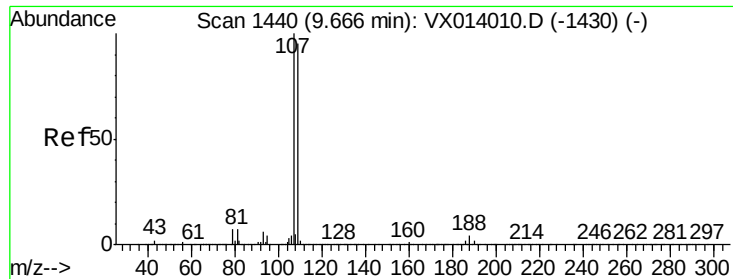
apatel
12/26/2019 9:24:24 AM



#60
Dibromochloromethane
Concen: 19.320 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion: 129 Resp: 103986
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.798 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 107 Resp: 109684

Ion Ratio Lower Upper

107 100

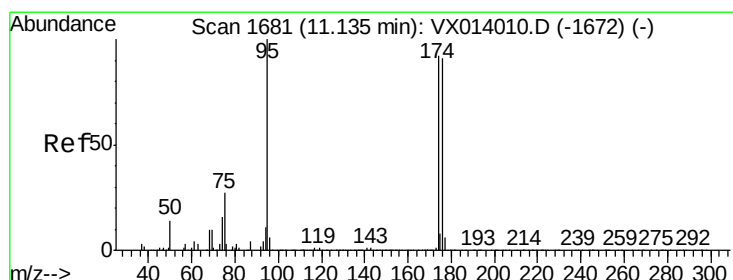
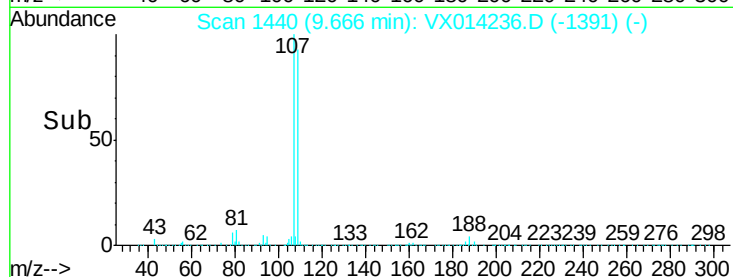
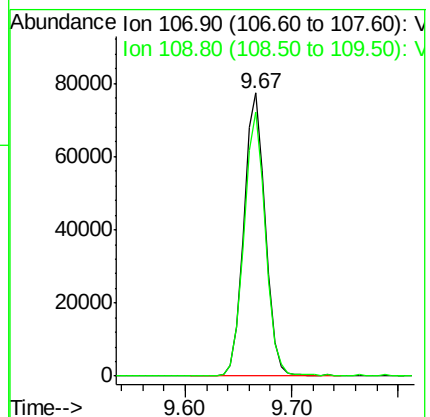
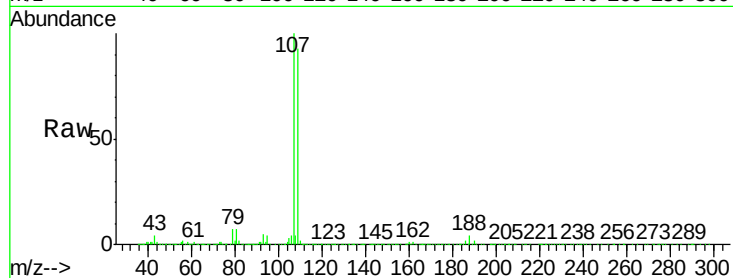
109 92.8 75.7 113.5

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#62

4-Bromofluorobenzene

Concen: 48.536 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

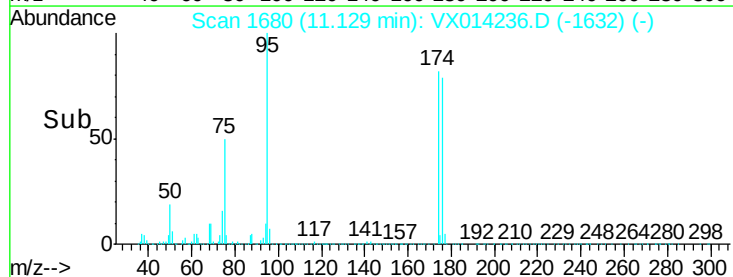
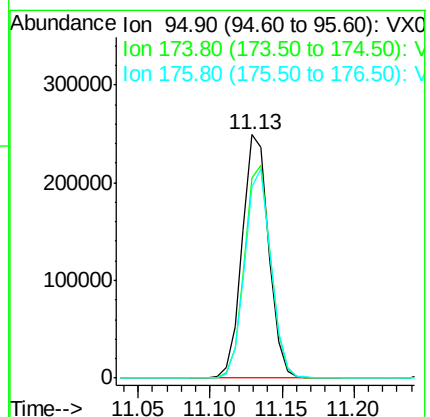
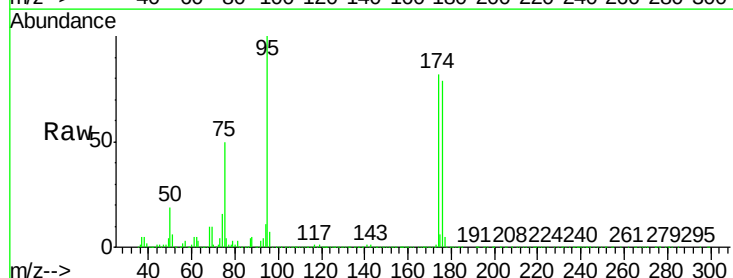
Tgt Ion: 95 Resp: 317902

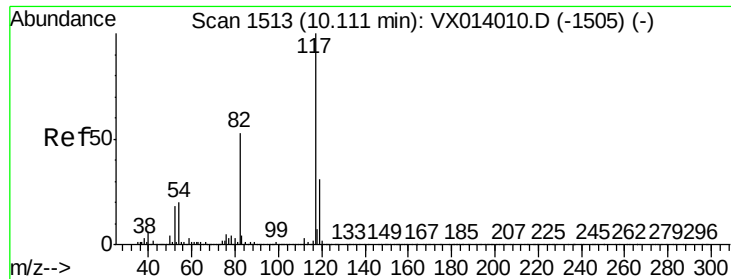
Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.8

176 84.7 0.0 173.0





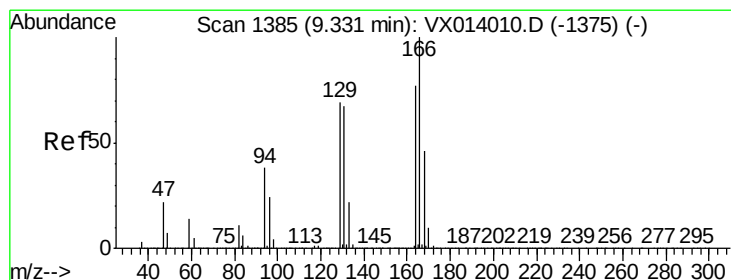
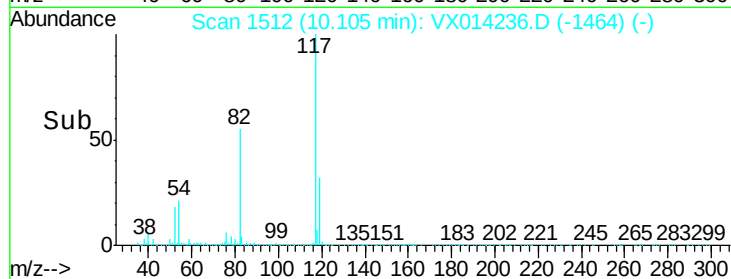
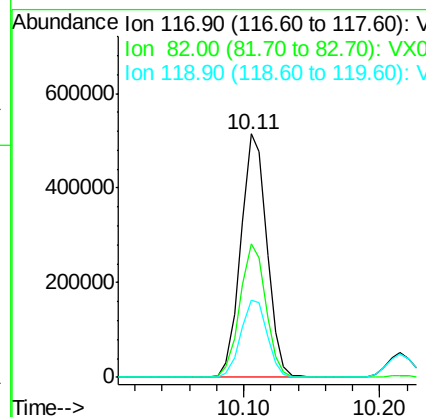
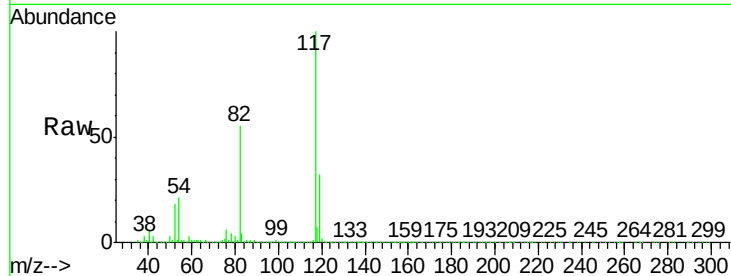
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.8	42.2	63.4
119	31.5	25.1	37.7

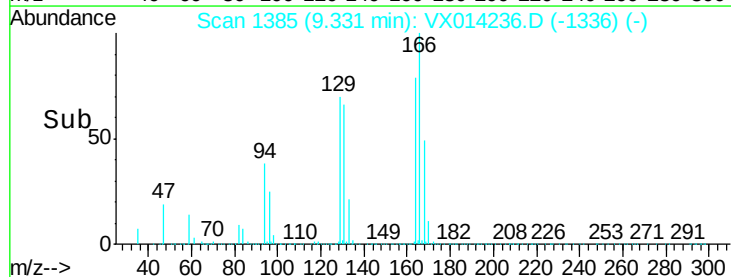
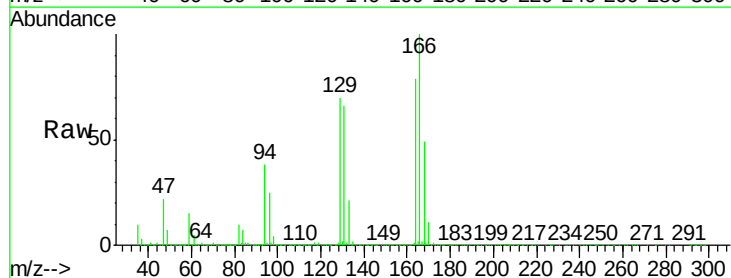
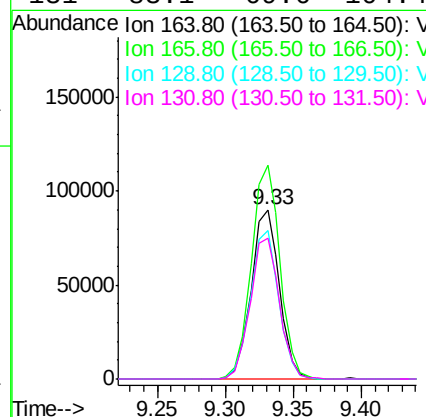
Manual Integrations
APPROVED

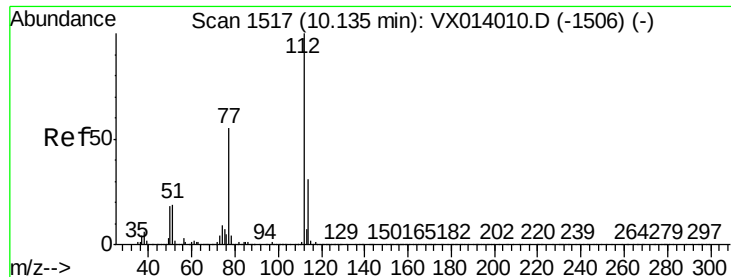
apatel
12/26/2019 9:24:24 AM



#64
Tetrachloroethene
Concen: 21.626 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.0	104.0	156.0
129	87.7	72.2	108.4
131	83.1	69.6	104.4





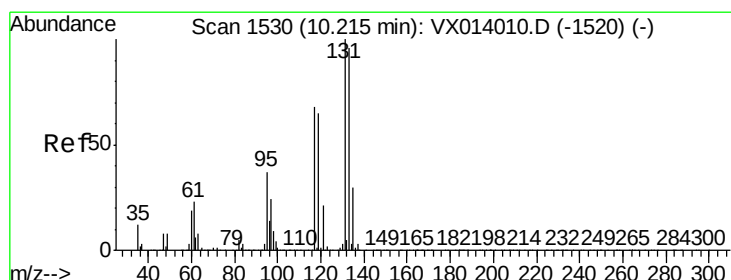
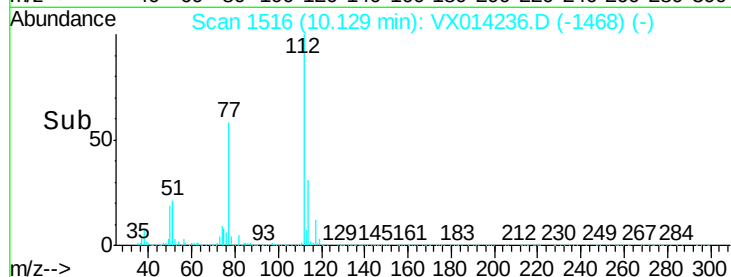
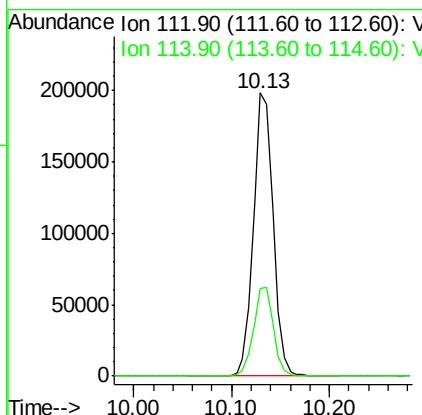
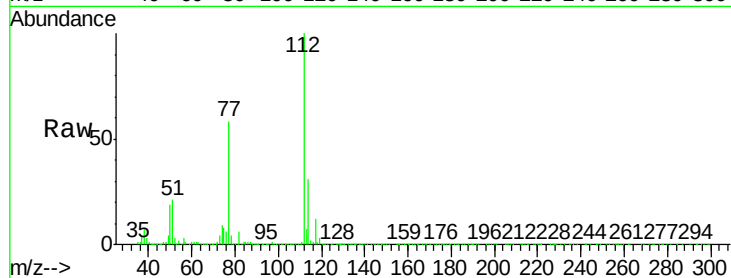
#65
Chlorobenzene
Concen: 19.011 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	24.9	37.3

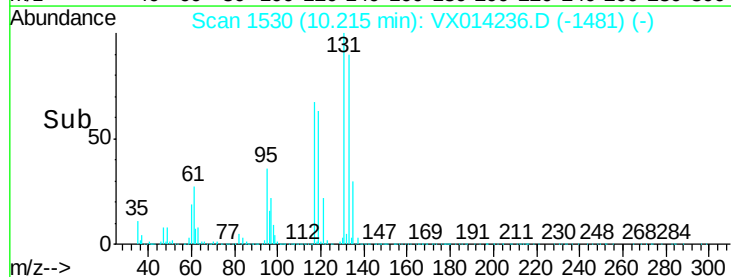
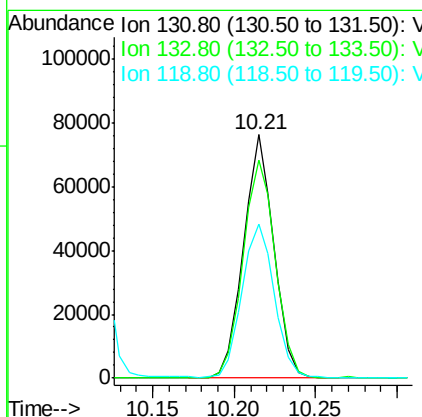
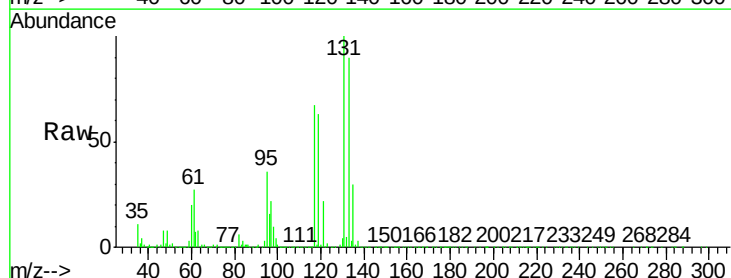
Manual Integrations
APPROVED

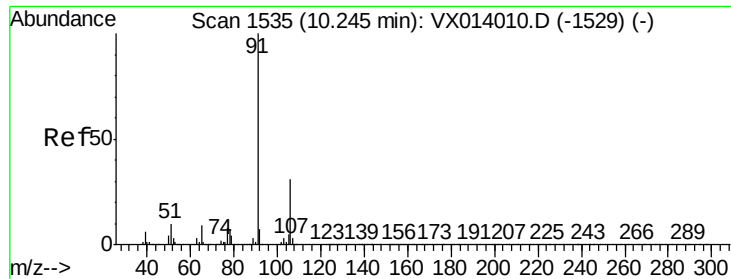
apatel
12/26/2019 9:24:24 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.001 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.0	144.0
119	67.6	33.4	100.2





#67

Ethyl Benzene

Concen: 18.846 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 91 Resp: 471612

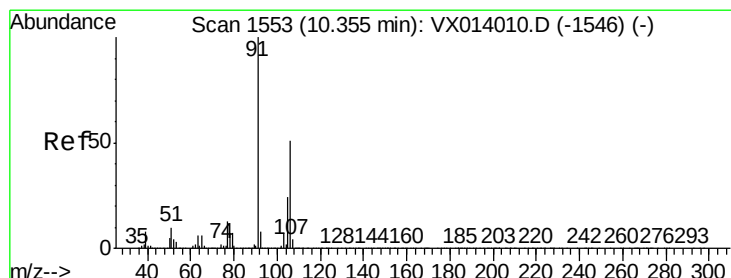
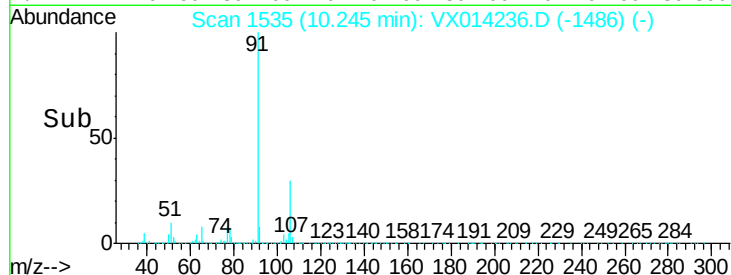
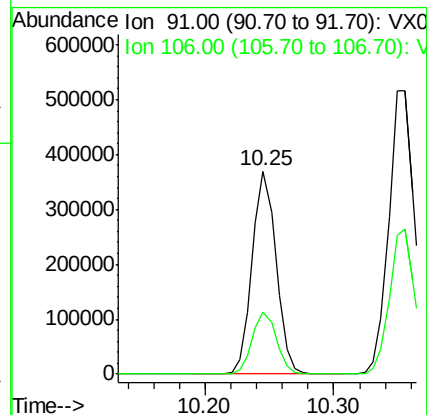
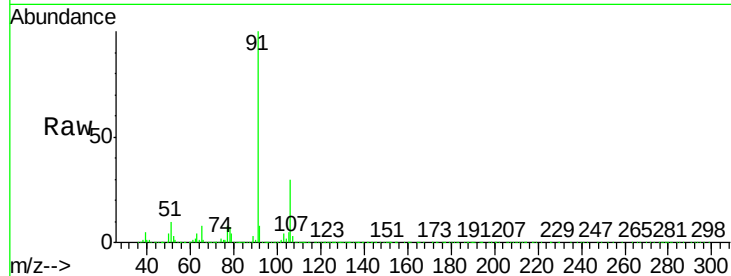
Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.6

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#68

m/p-Xylenes

Concen: 37.332 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014236.D

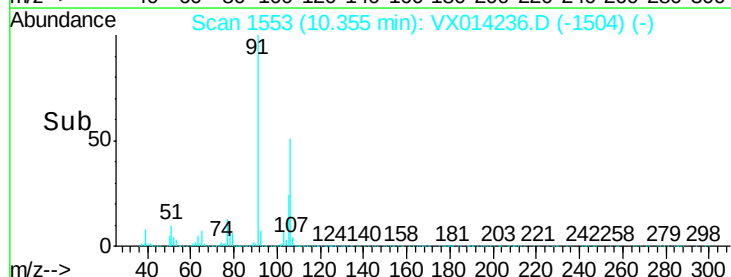
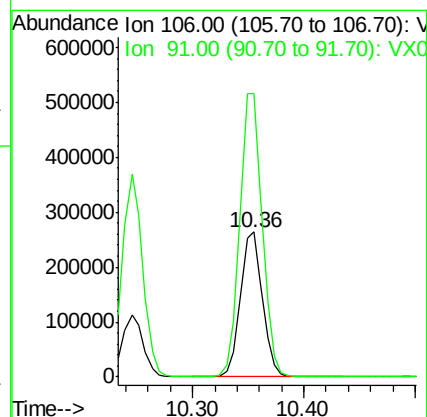
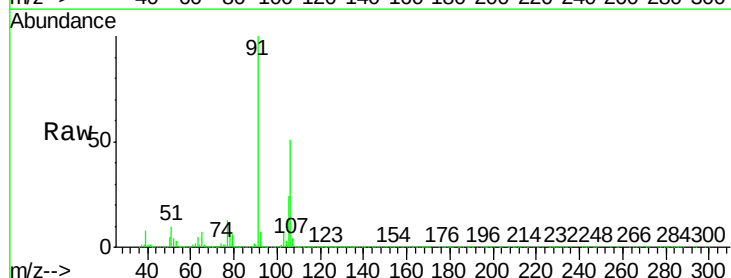
Acq: 24 Dec 2019 11:45

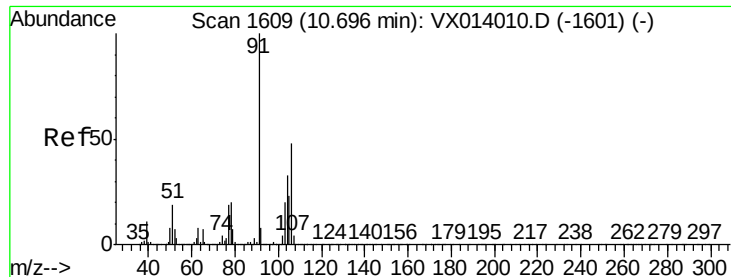
Tgt Ion: 106 Resp: 359308

Ion Ratio Lower Upper

106 100

91 199.8 158.6 238.0





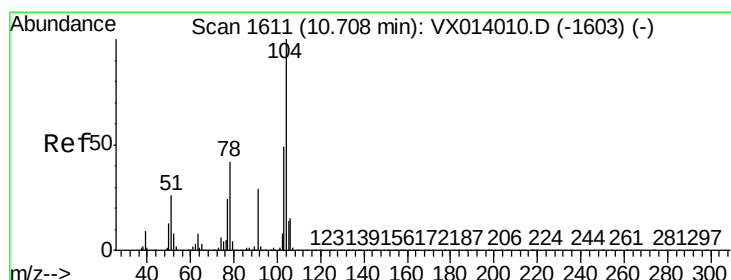
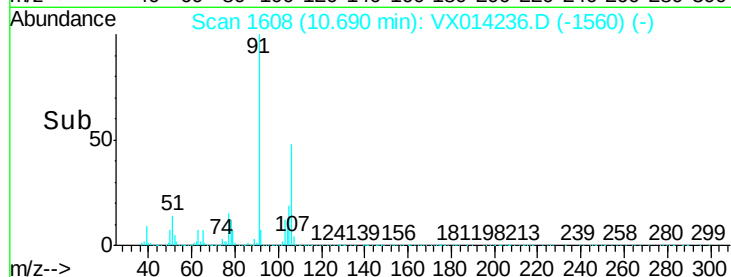
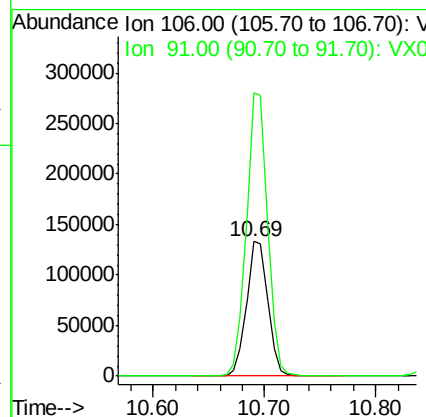
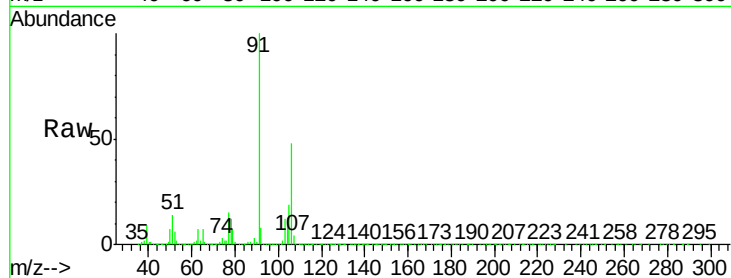
#69
o-Xylene
Concen: 18.777 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion:106 Resp: 177250
Ion Ratio Lower Upper
106 100
91 208.7 104.2 312.6

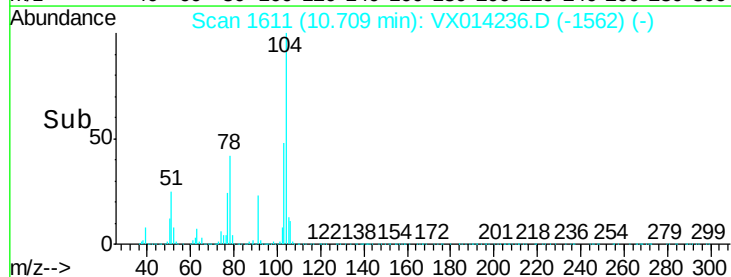
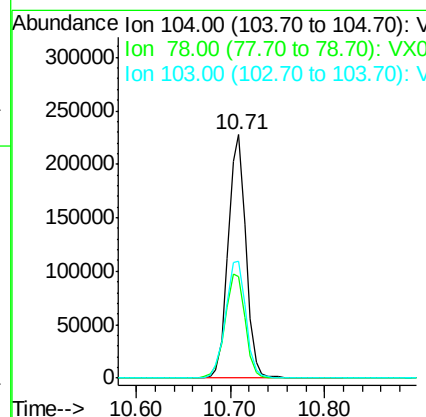
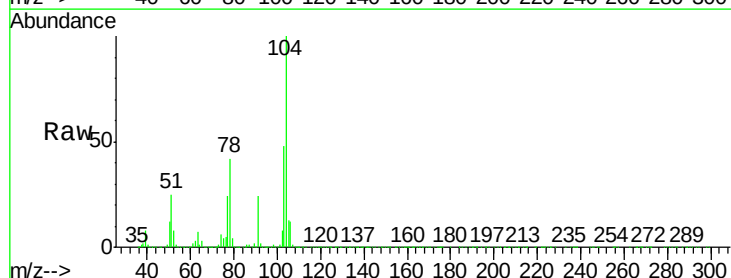
Manual Integrations
APPROVED

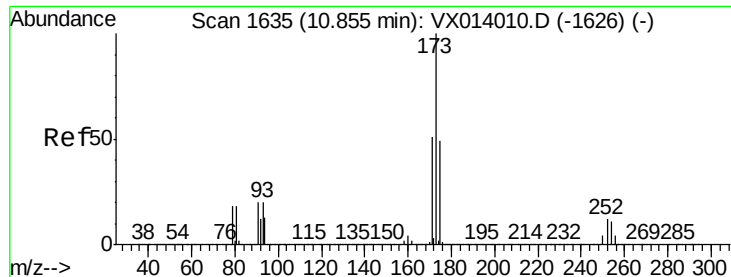
apatel
12/26/2019 9:24:24 AM



#70
Styrene
Concen: 18.627 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion:104 Resp: 297327
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 55.1 42.9 64.3





#71

Bromoform

Concen: 18.379 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

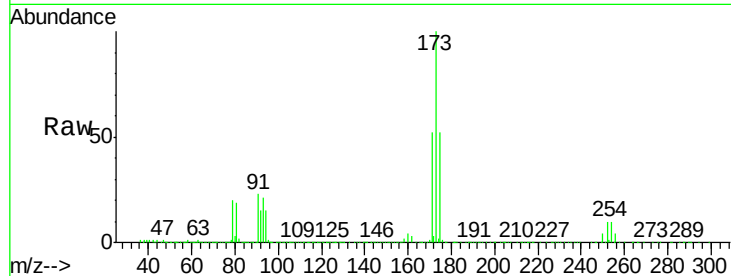
ClientSampleId :

VX1224MBS01

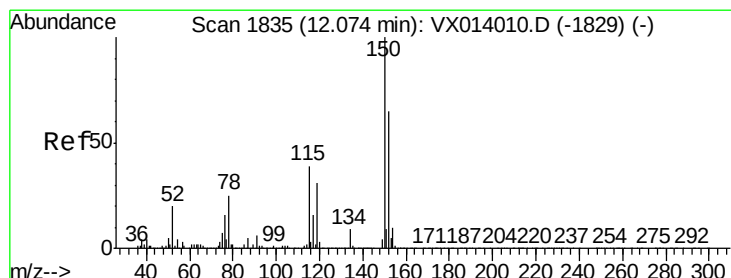
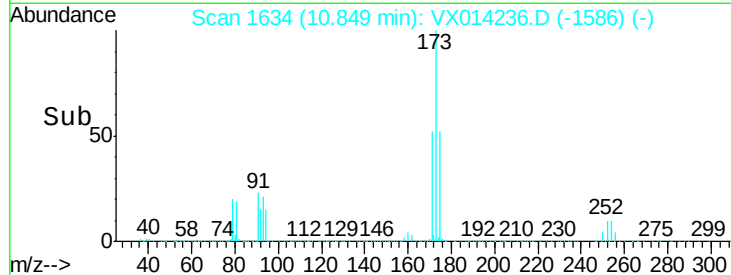
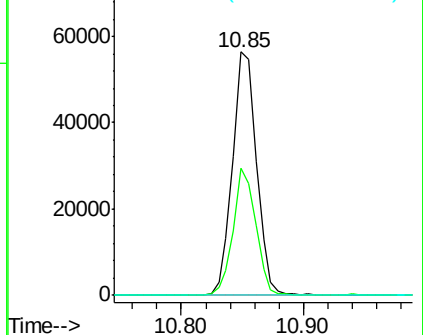
Tot Ion:	173	Resp:	76783
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.4	73.4
254	0.3	0.2	0.2#

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

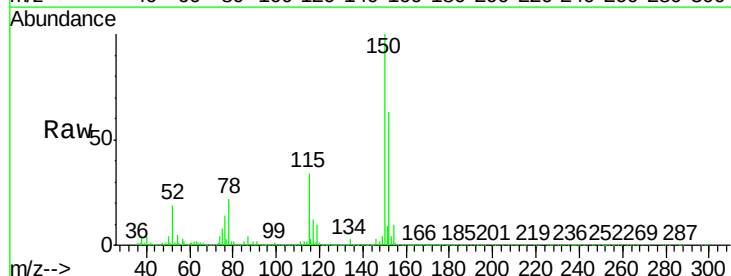
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

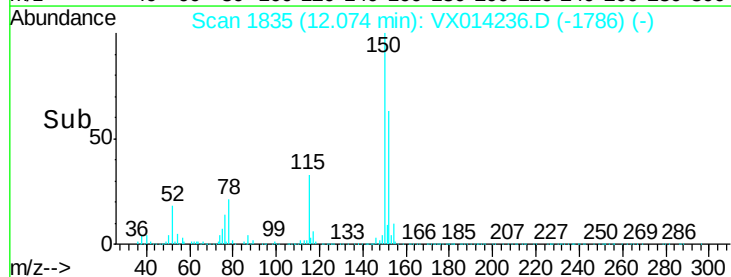
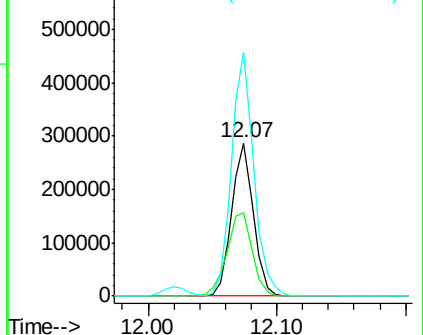
Lab File: VX014236.D

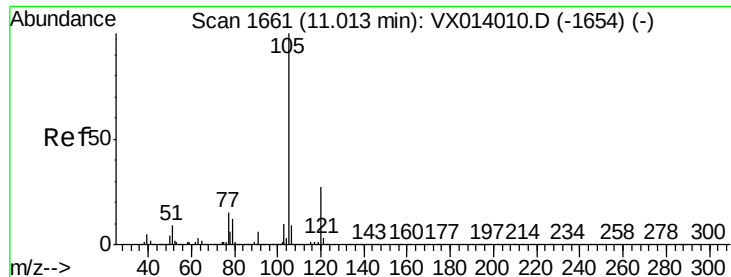
Acq: 24 Dec 2019 11:45

Tgt Ion:	152	Resp:	338315
Ion Ratio	Lower	Upper	
152	100		
115	64.1	38.3	114.9
150	164.7	0.0	345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.729 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion:105 Resp: 469949

Ion Ratio Lower Upper

105 100

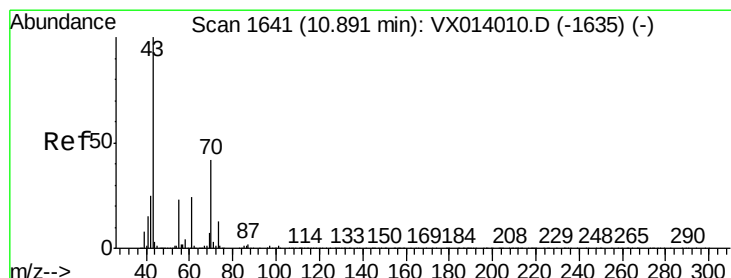
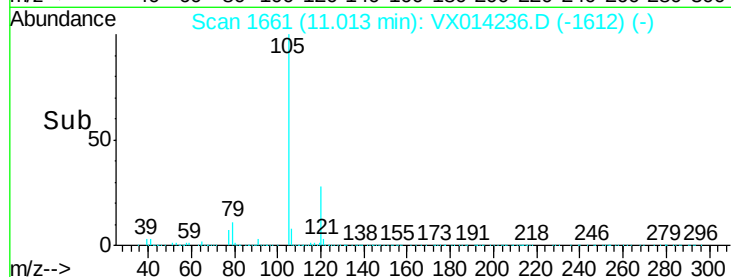
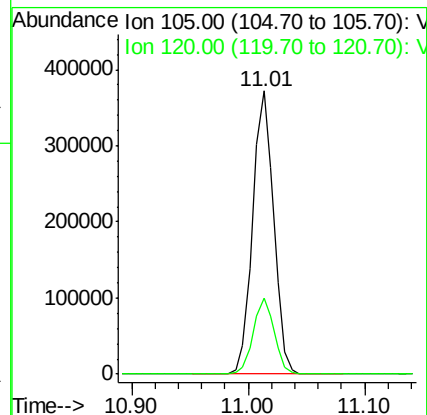
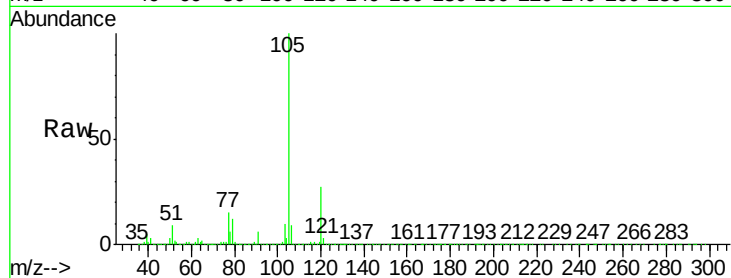
120 26.9 13.5 40.4

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#74

N-ethyl acetate

Concen: 18.653 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion: 43 Resp: 208273

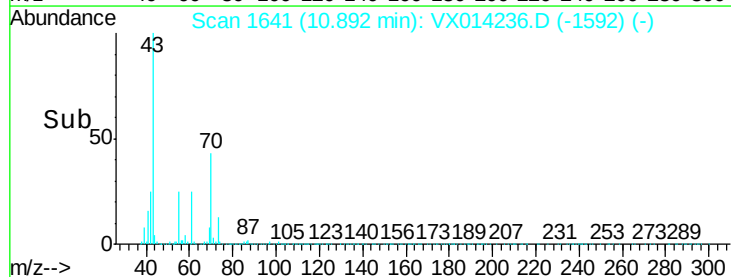
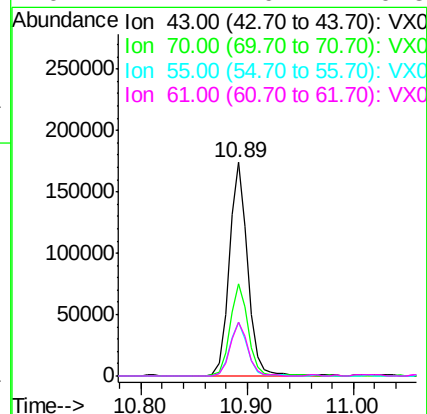
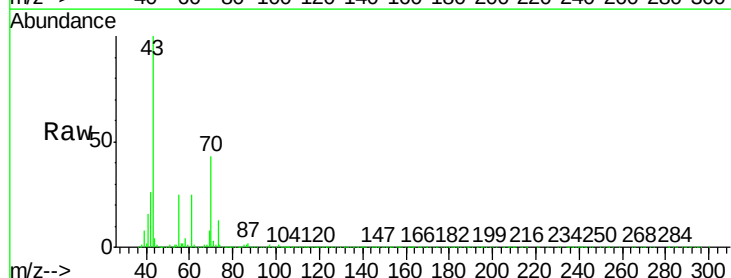
Ion Ratio Lower Upper

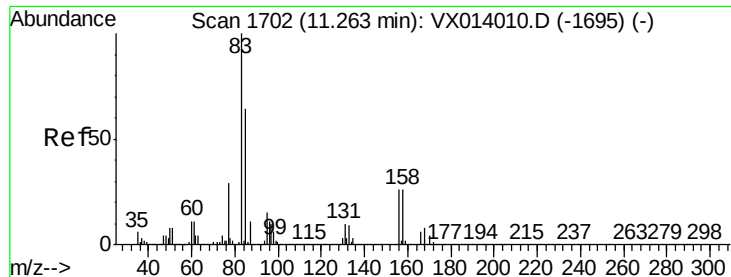
43 100

70 42.7 34.4 51.6

55 23.9 19.1 28.7

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.005 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

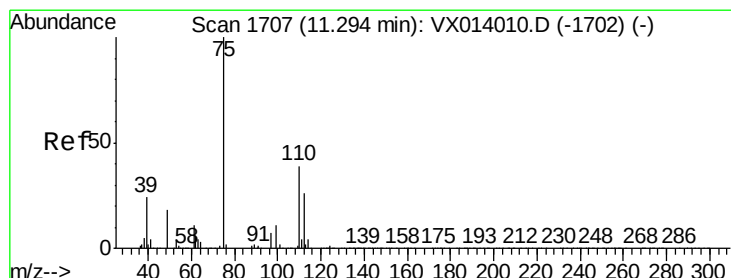
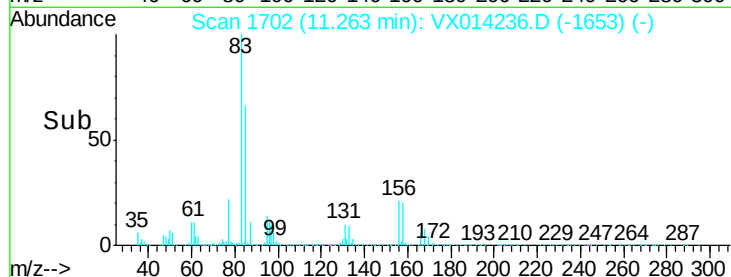
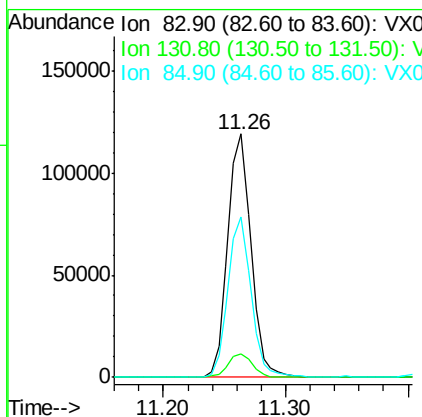
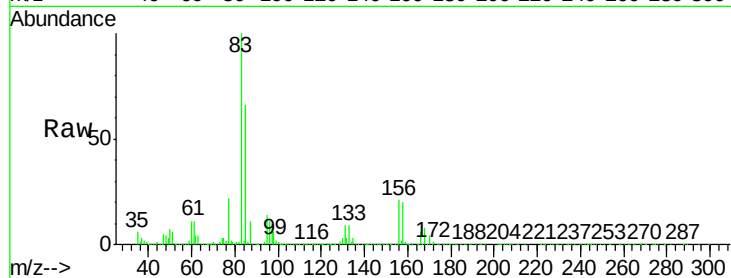
ClientSampleId :

VX1224MBS01

Tot Ion:	83	Resp:	156948
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	65.5	31.9	95.7

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#76

1,2,3-Trichloropropane

Concen: 17.984 ug/l m

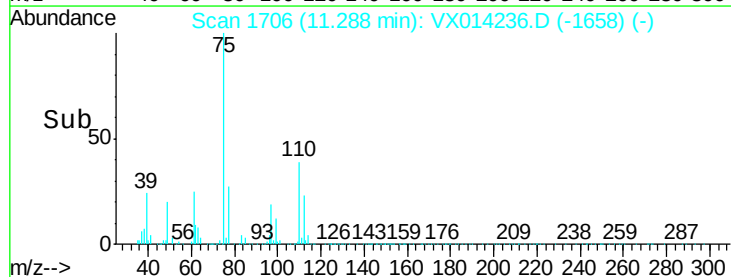
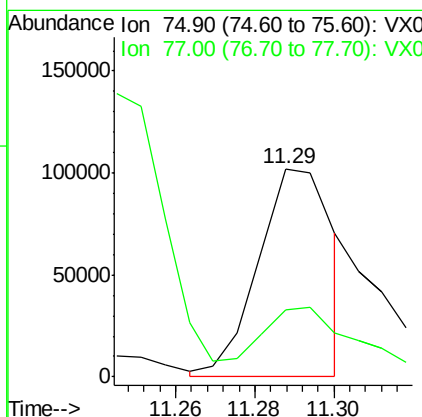
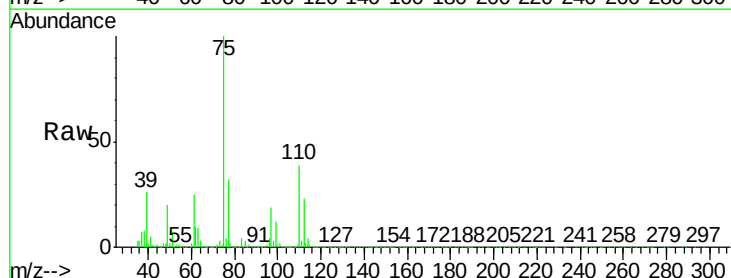
RT: 11.29 min Scan# 1706

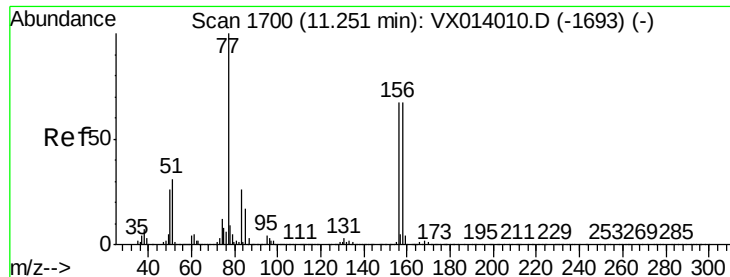
Delta R.T. -0.01 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	75	Resp:	132091
Ion Ratio	Lower	Upper	
75	100		
77	44.2	19.3	57.8





#77

Bromobenzene

Concen: 18.618 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

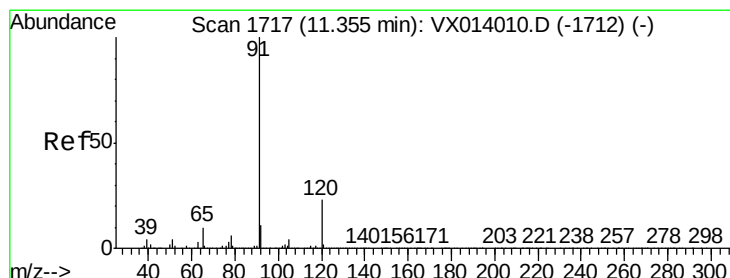
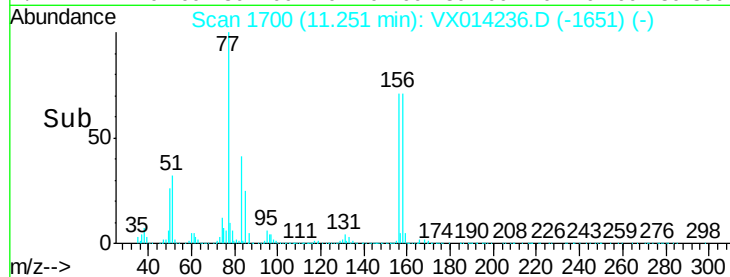
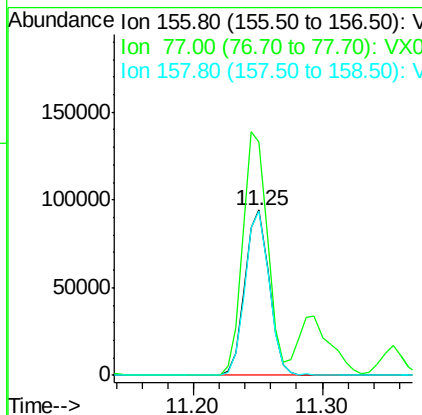
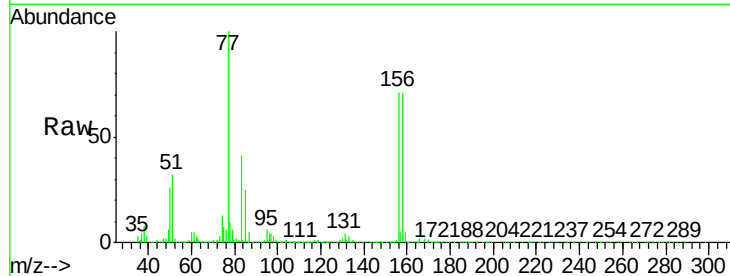
ClientSampleId :

VX1224MBS01

Tot Ion:	156	Resp:	122020
Ion Ratio	Lower	Upper	
156	100		
77	149.8	76.5	229.5
158	98.9	49.3	147.9

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#78

n-propylbenzene

Concen: 19.541 ug/l

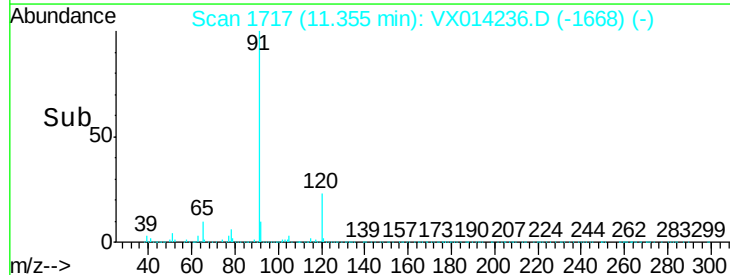
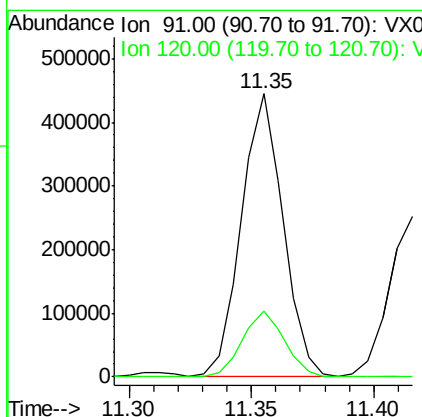
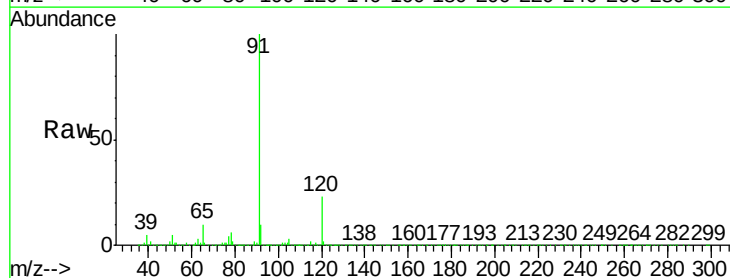
RT: 11.35 min Scan# 1717

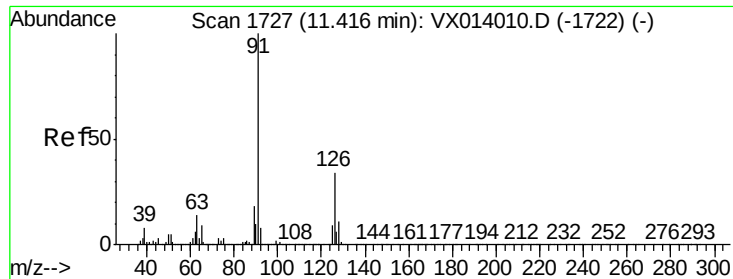
Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	91	Resp:	522090
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.302 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBS01

Tot Ion: 91 Resp: 313493

Ion Ratio Lower Upper

91 100

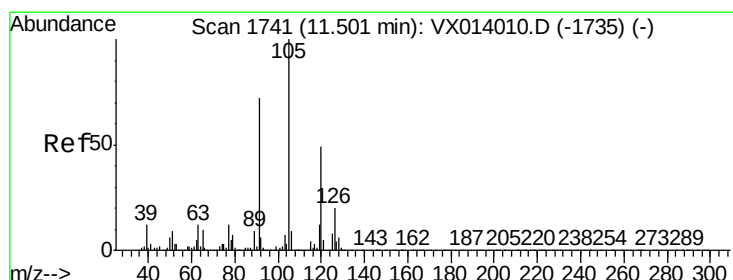
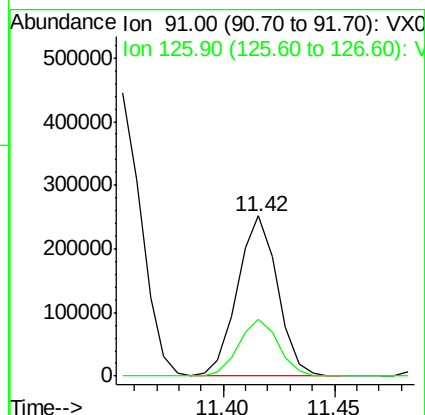
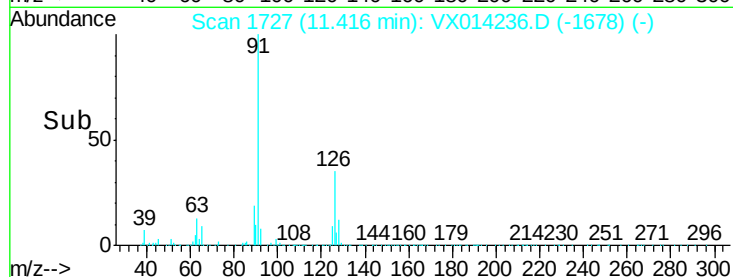
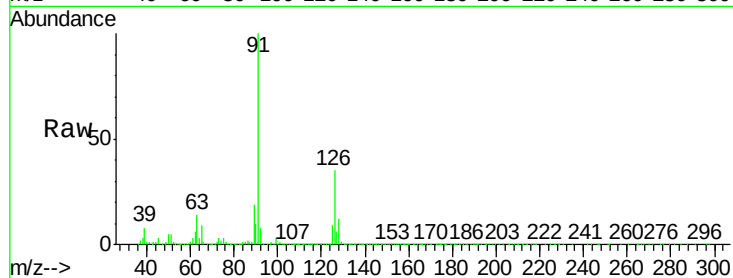
126 35.1 17.2 51.6

Manual Integrations

APPROVED

apatel

12/26/2019 9:24:24 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.202 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014236.D

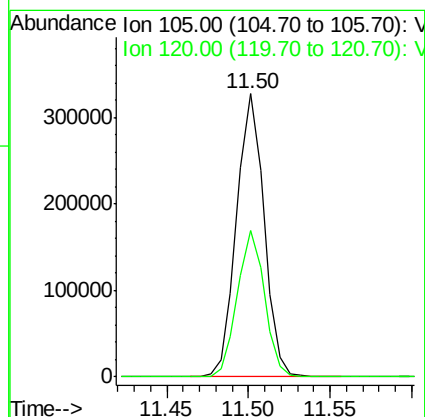
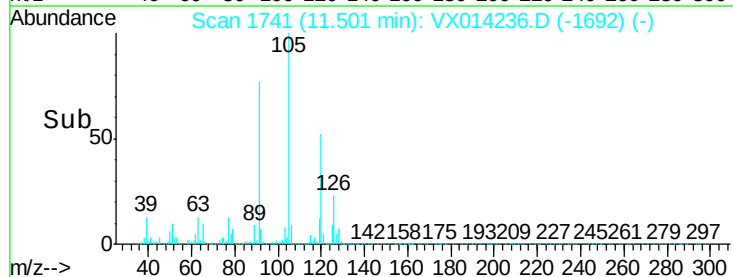
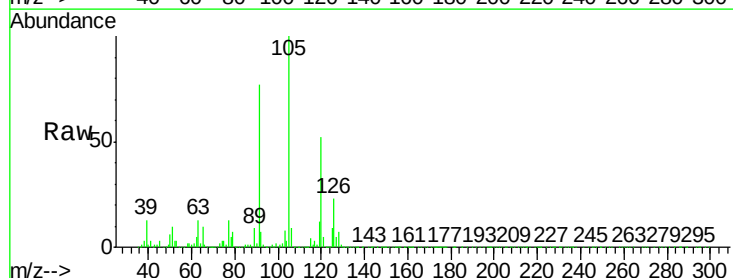
Acq: 24 Dec 2019 11:45

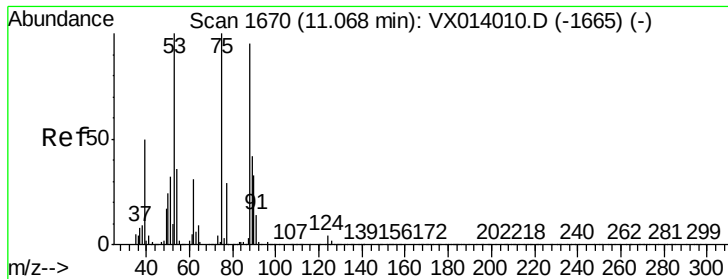
Tgt Ion: 105 Resp: 384940

Ion Ratio Lower Upper

105 100

120 51.0 25.3 75.8





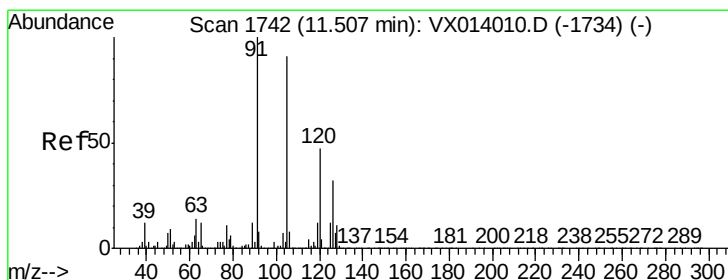
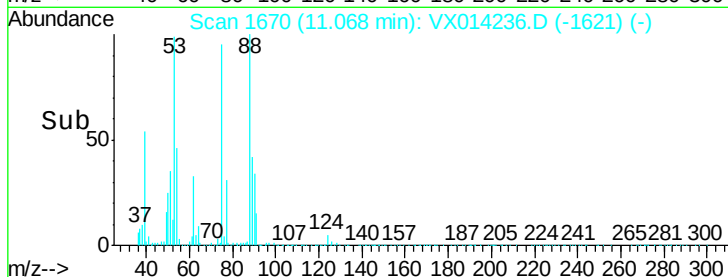
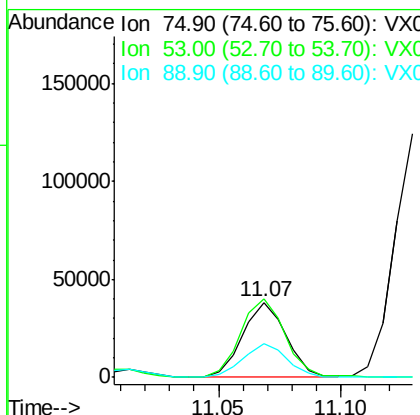
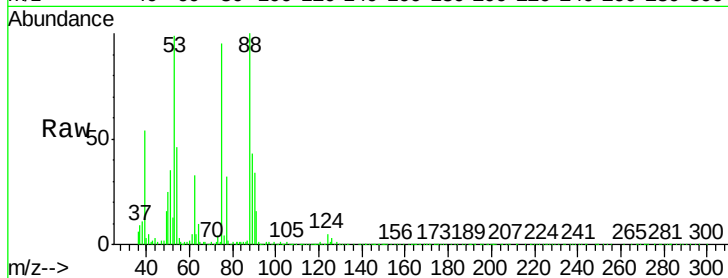
#81
trans-1,4-Dichloro-2-butene
Concen: 17.980 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.4	76.7	115.1
89	45.6	34.6	51.8

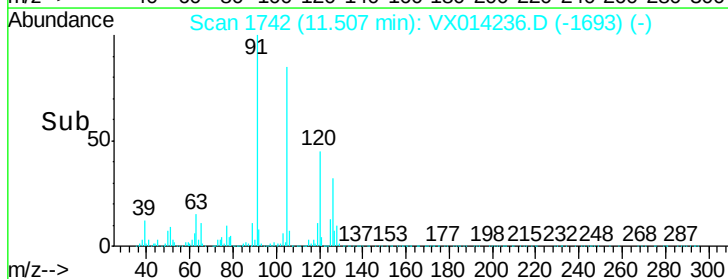
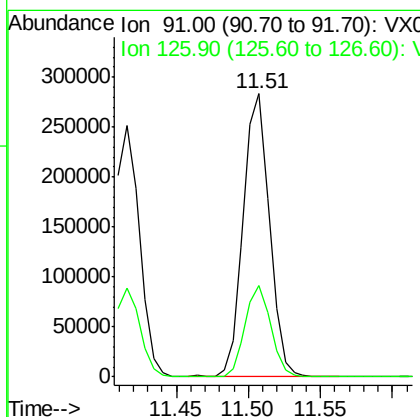
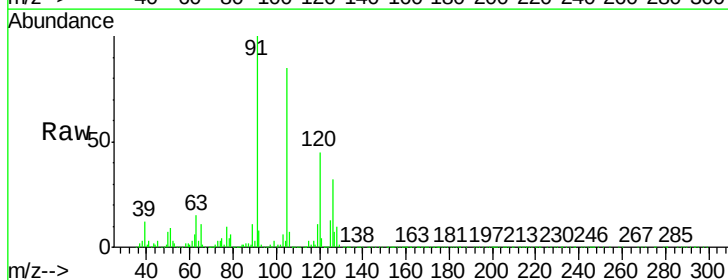
Manual Integrations
APPROVED

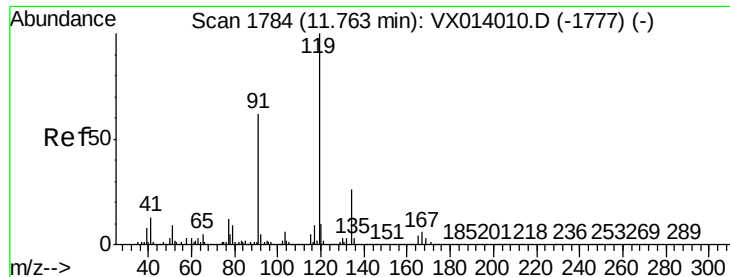
apatel
12/26/2019 9:24:24 AM



#82
4-Chlorotoluene
Concen: 18.936 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8





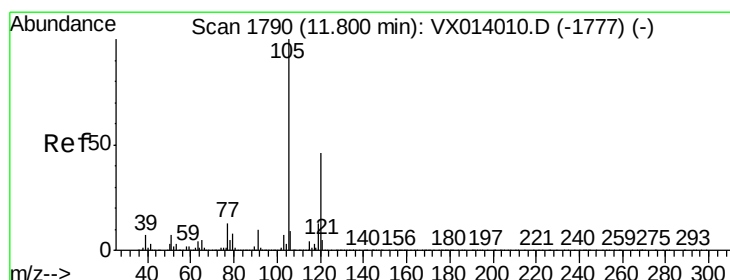
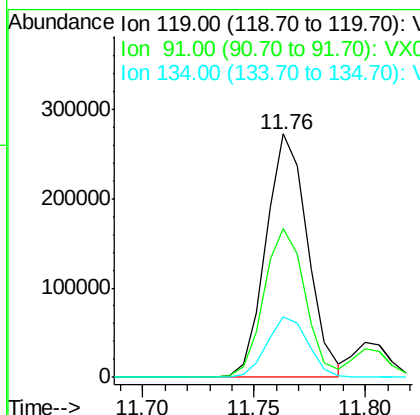
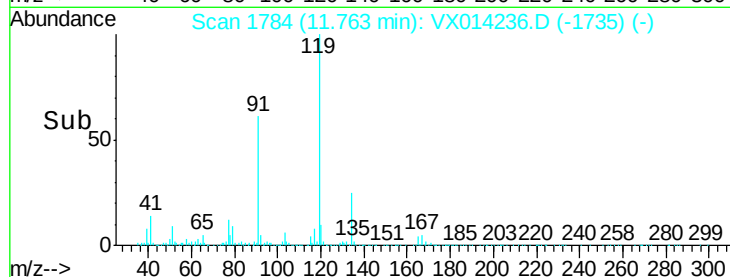
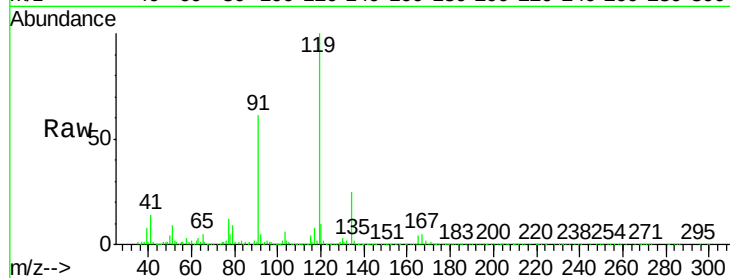
#83
tert-Butylbenzene
Concen: 18.107 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	353259		
91	60.3	28.5	85.6	
134	24.7	12.2	36.6	

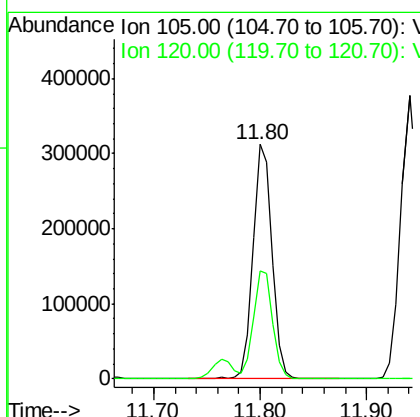
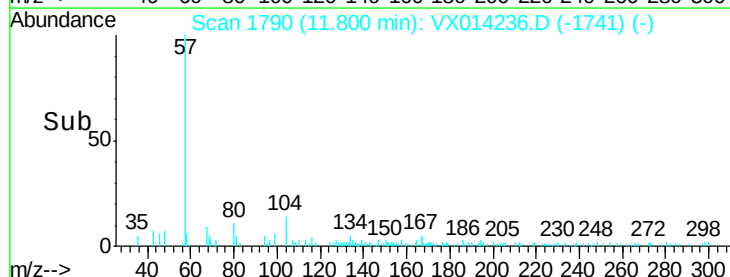
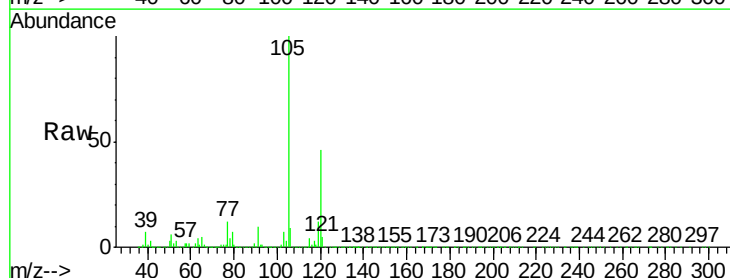
Manual Integrations
APPROVED

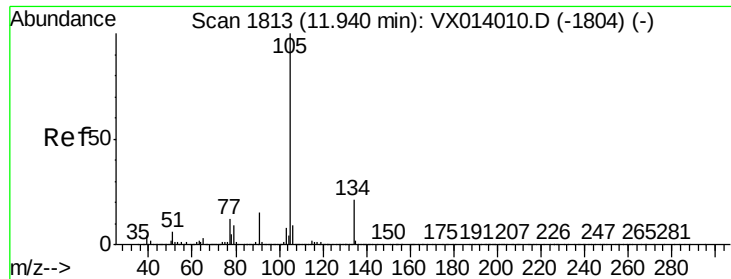
apatel
12/26/2019 9:24:24 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.555 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	392594		
120	45.9	23.1	69.2	





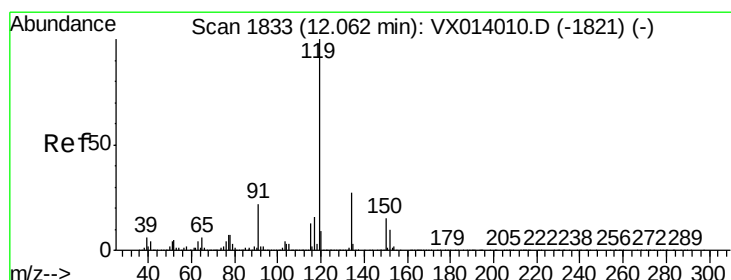
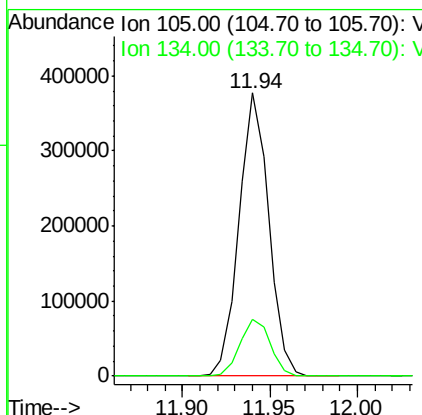
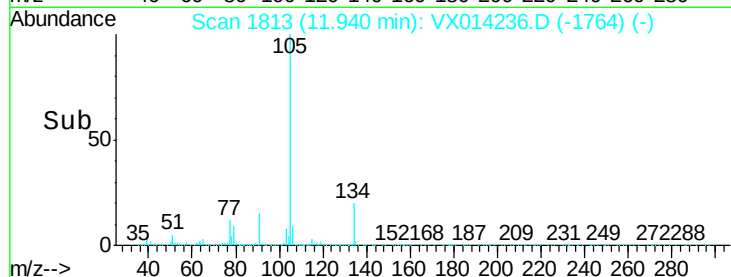
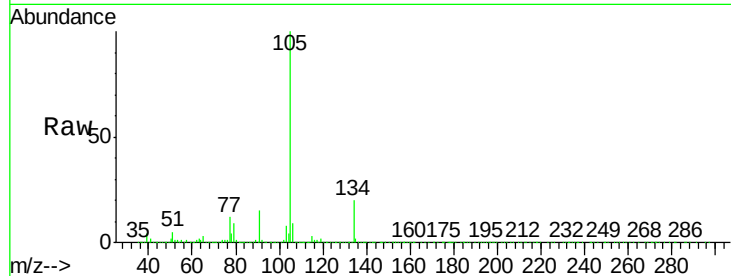
#85
 sec-Butylbenzene
 Concen: 19.306 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.1

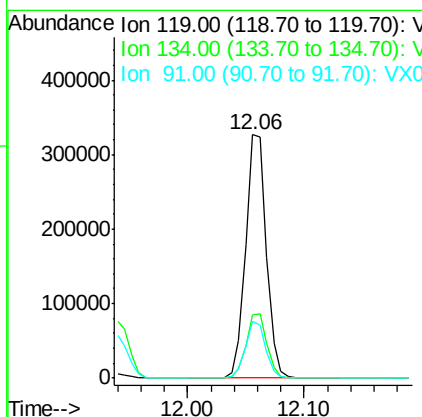
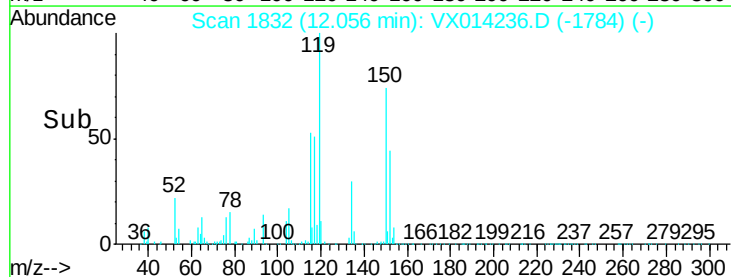
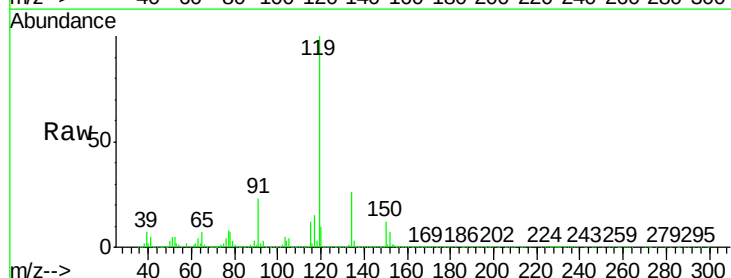
Manual Integrations
 APPROVED

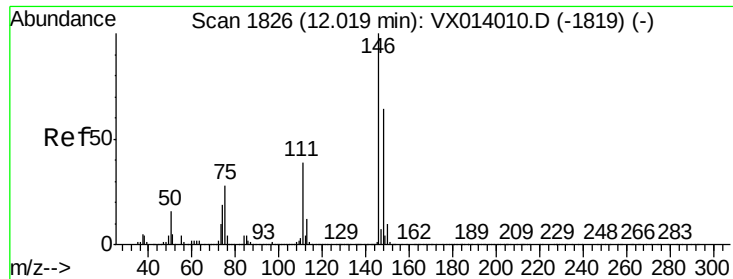
apatel
 12/26/2019 9:24:24 AM



#86
 p-Isopropyltoluene
 Concen: 19.301 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.1
91	22.6	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 18.525 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

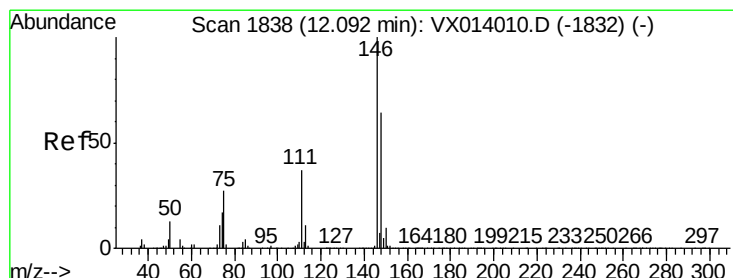
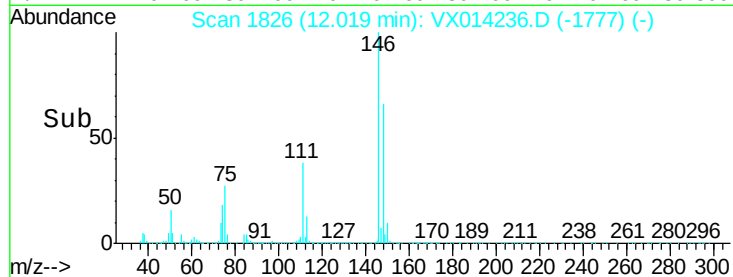
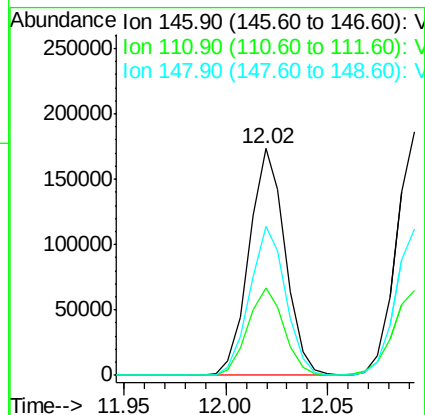
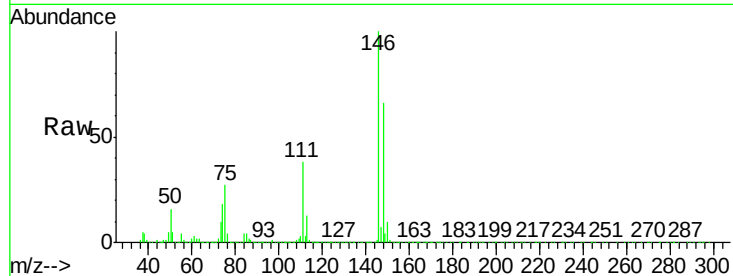
ClientSampleId :

VX1224MBS01

Tot Ion:	146	Resp:	212778
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.1	57.1
148	65.8	32.3	96.9

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#88

1,4-Dichlorobenzene

Concen: 18.549 ug/l

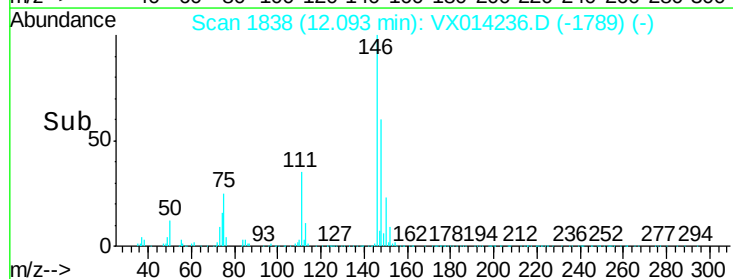
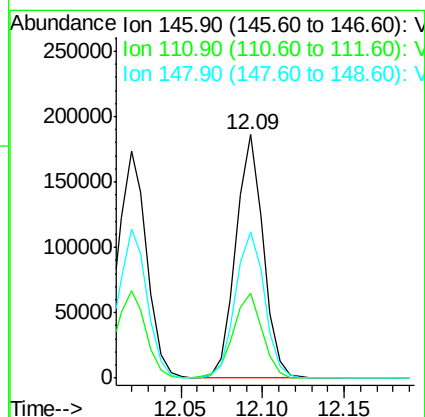
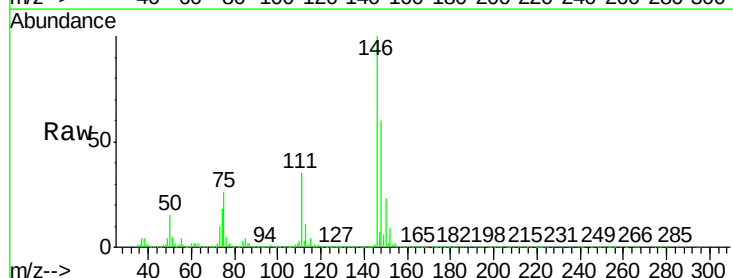
RT: 12.09 min Scan# 1838

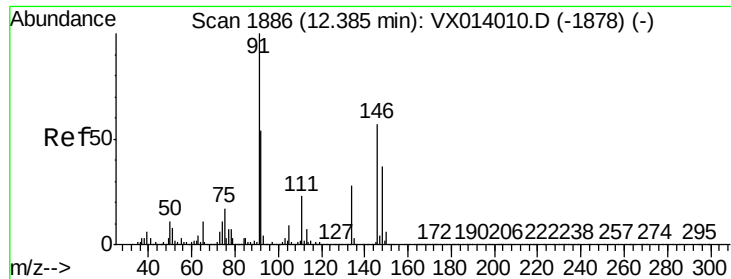
Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	146	Resp:	216638
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.7	56.1
148	64.2	31.9	95.9





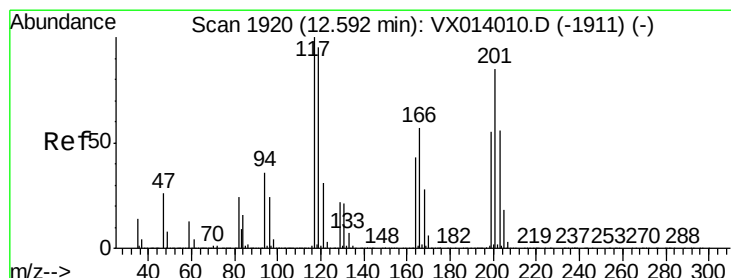
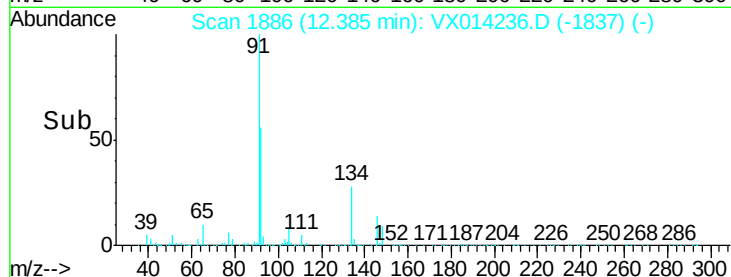
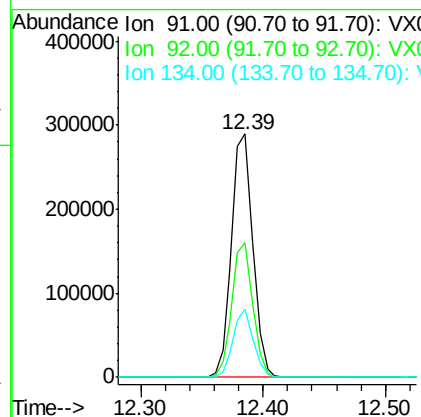
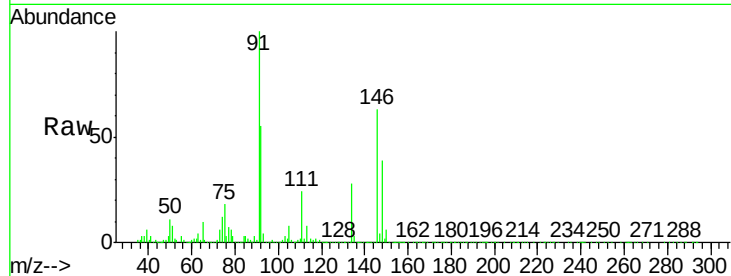
#89
n-Butylbenzene
Concen: 19.399 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.2	27.2	81.6	
134	26.3	13.4	40.1	

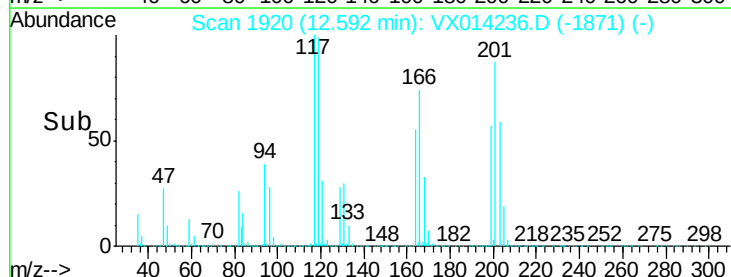
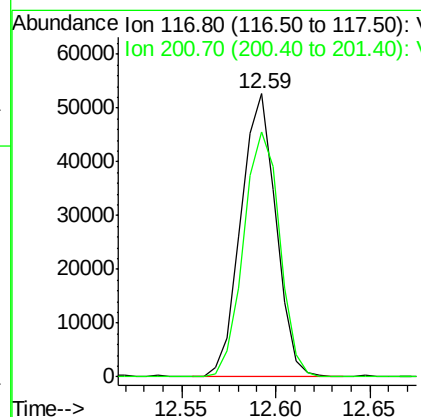
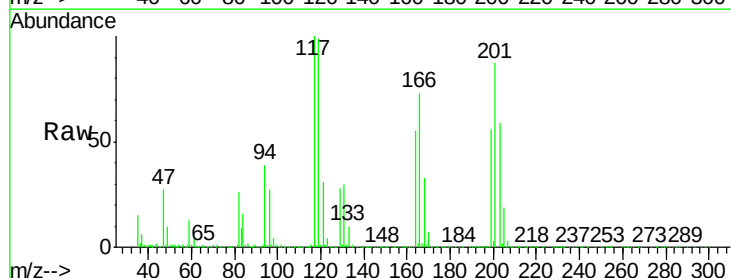
Manual Integrations
APPROVED

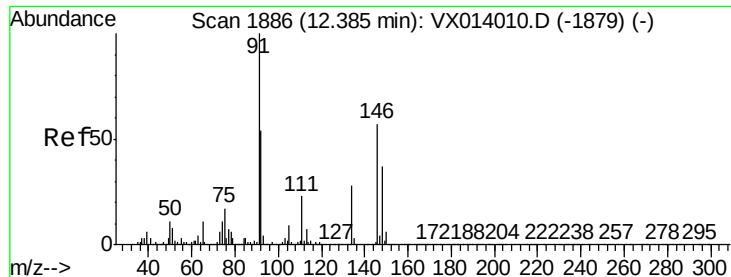
apatel
12/26/2019 9:24:24 AM



#90
Hexachloroethane
Concen: 17.912 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014236.D
Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.8	43.1	129.3	





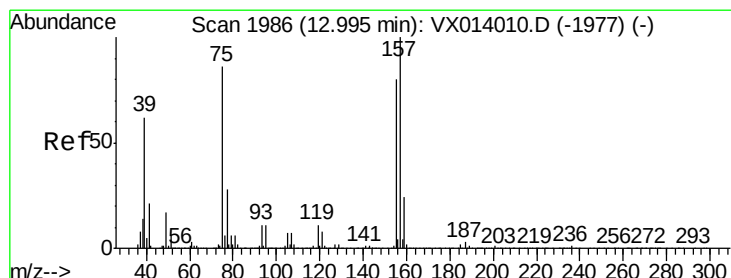
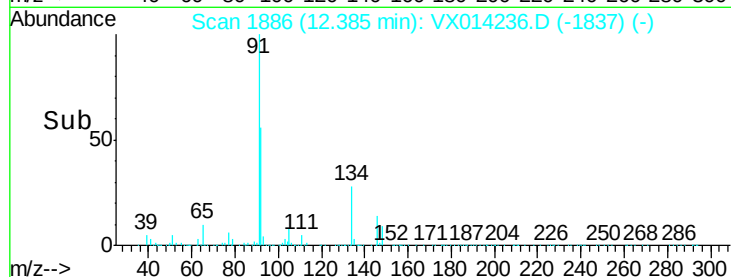
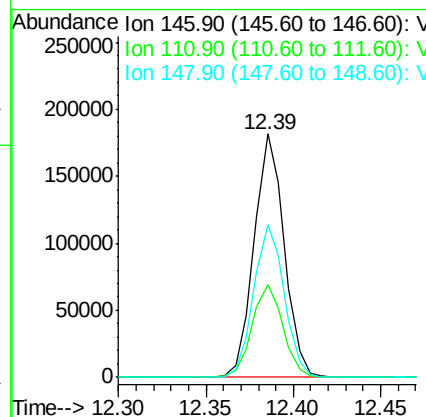
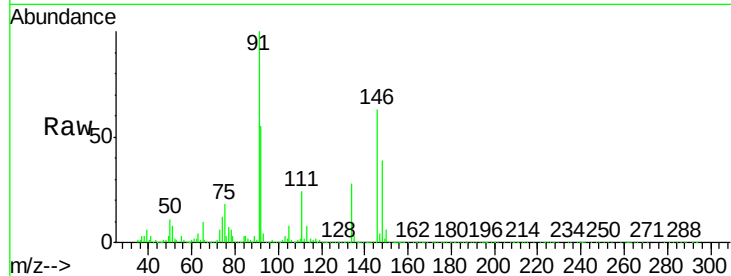
#91
 1,2-Dichlorobenzene
 Concen: 18.819 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	63.4	32.1	96.5

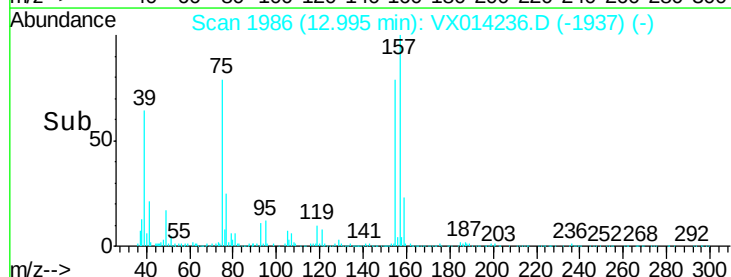
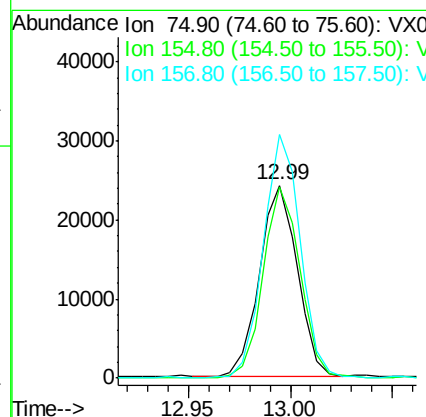
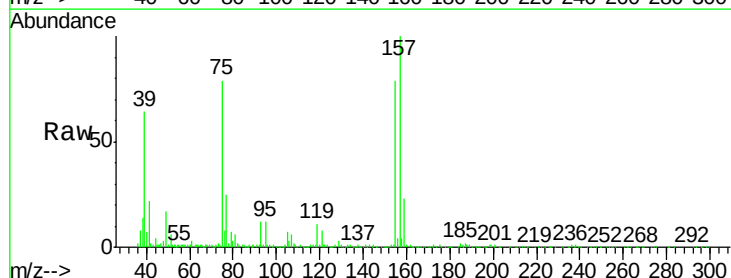
Manual Integrations
 APPROVED

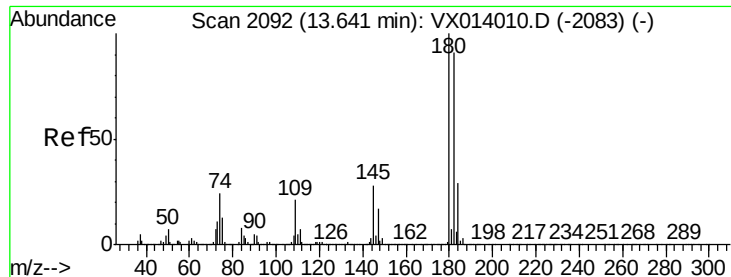
apatel
 12/26/2019 9:24:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.125 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014236.D
 Acq: 24 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	46.9	140.6
157	123.0	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 18.553 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

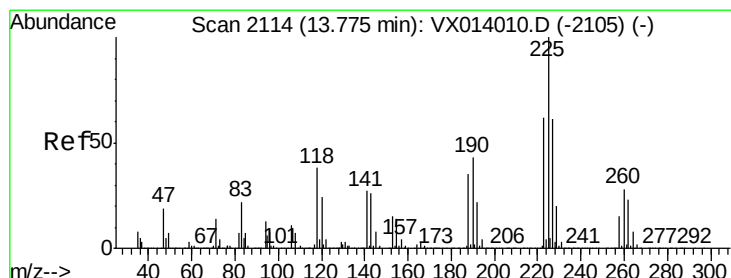
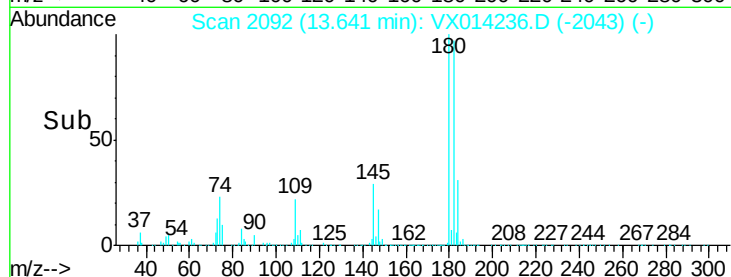
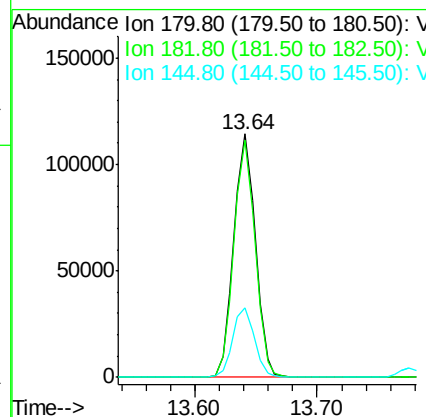
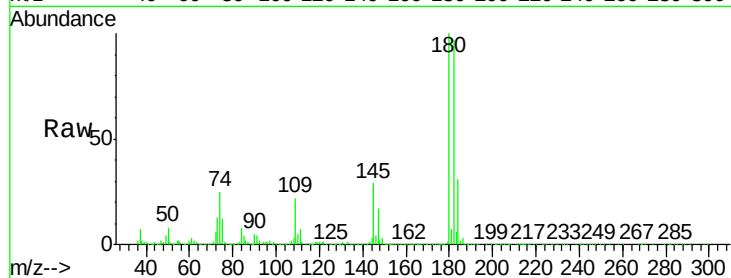
ClientSampleId :

VX1224MBS01

Tot Ion:	180	Resp:	139428
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.6	139.8
145	28.9	14.2	42.6

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#94

Hexachlorobutadiene

Concen: 18.929 ug/l

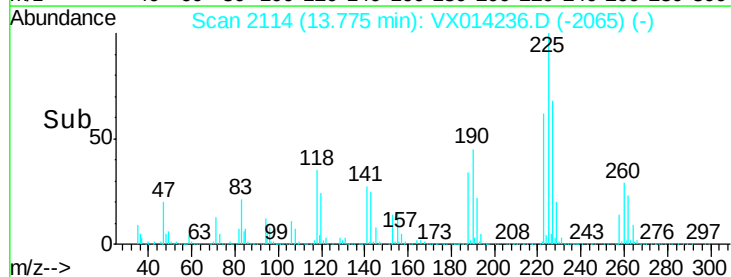
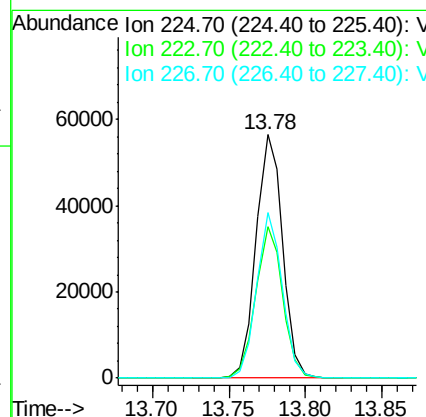
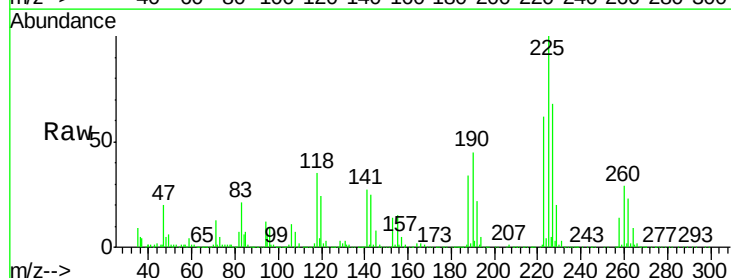
RT: 13.78 min Scan# 2114

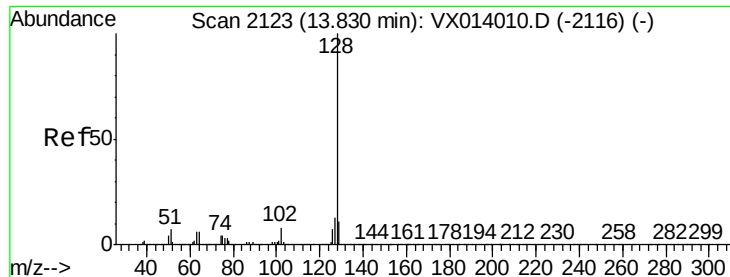
Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	225	Resp:	68367
Ion Ratio	Lower	Upper	
225	100		
223	63.0	30.9	92.5
227	65.7	30.9	92.7





#95

Naphthalene

Concen: 18.865 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Instrument :

MSVOA_X

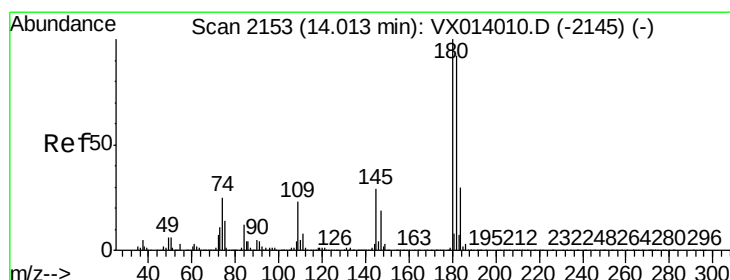
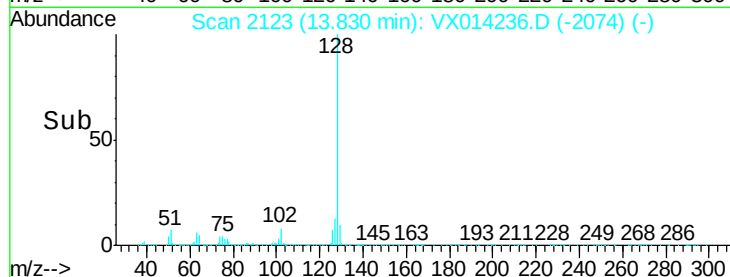
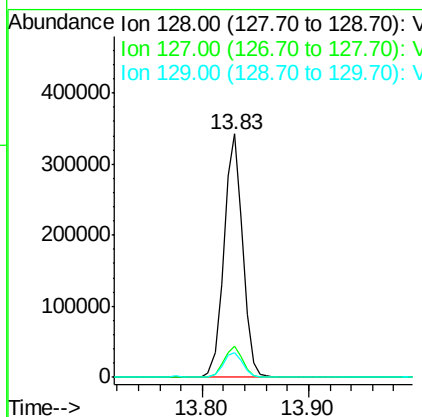
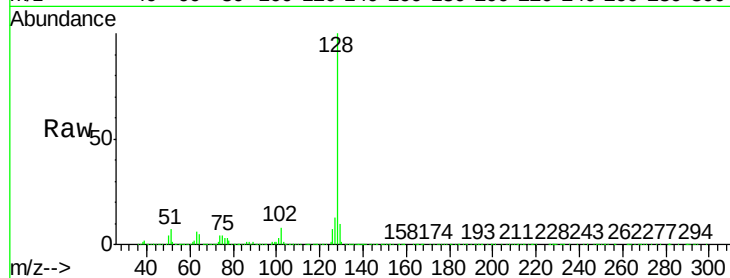
ClientSampleId :

VX1224MBS01

Tot Ion:	128	Resp:	416549
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.705 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014236.D

Acq: 24 Dec 2019 11:45

Tgt Ion:	180	Resp:	138765
Ion Ratio	Lower	Upper	
180	100		
182	97.2	46.8	140.3
145	31.4	14.8	44.4

