

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015564.D
 Acq On : 08 Apr 2020 13:23
 Operator : JC/SP
 Sample : VX0408WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Manual Integrations
 APPROVED

apatel
 4/9/2020 9:54:47 AM

Quant Time: Apr 09 07:05:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1106904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1720846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1576607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	828159	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	748169	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.47	113	539962	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.70	98	1999507	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.12	95	827336	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	194809	19.976	ug/l	99
3) Chloromethane	1.31	50	221853	17.864	ug/l	98
4) Vinyl Chloride	1.39	62	223365	19.587	ug/l	99
5) Bromomethane	1.63	94	138975	21.892	ug/l	94
6) Chloroethane	1.71	64	147764	20.893	ug/l	98
7) Trichlorofluoromethane	1.92	101	323404	21.147	ug/l	98
8) Diethyl Ether	2.17	74	129122	20.018	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	207354	20.799	ug/l	99
10) Methyl Iodide	2.49	142	205149	15.262	ug/l	98
11) Tert butyl alcohol	3.01	59	308454	82.546	ug/l	99
12) 1,1-Dichloroethene	2.36	96	205315	19.647	ug/l	98
13) Acrolein	2.27	56	214406	100.726	ug/l	100
14) Allyl chloride	2.71	41	459017	18.798	ug/l	97
15) Acrylonitrile	3.12	53	660382	92.669	ug/l	99
16) Acetone	2.42	43	653465	97.428	ug/l	100
17) Carbon Disulfide	2.55	76	567039	17.787	ug/l	98
18) Methyl Acetate	2.75	43	322337	18.830	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	796055	19.641	ug/l	99
20) Methylene Chloride	2.84	84	235873	18.828	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	221436	19.093	ug/l	92
22) Diisopropyl ether	3.83	45	856489	19.795	ug/l	98
23) Vinyl Acetate	3.79	43	3822280	97.568	ug/l	100
24) 1,1-Dichloroethane	3.67	63	440044	19.316	ug/l	99
25) 2-Butanone	4.64	43	998263	92.548	ug/l	96
26) 2,2-Dichloropropane	4.56	77	408375	21.839	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	258373	19.255	ug/l	97
28) Bromochloromethane	4.98	49	210374	19.341	ug/l	97
29) Tetrahydrofuran	5.09	42	624719	90.091	ug/l	98
30) Chloroform	5.18	83	435924	19.889	ug/l	97
31) Cyclohexane	5.56	56	394984	19.986	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	396495	19.989	ug/l	99
36) 1,1-Dichloropropene	5.78	75	325932	20.556	ug/l	100
37) Ethyl Acetate	4.80	43	391748	18.975	ug/l	99
38) Carbon Tetrachloride	5.76	117	352112	20.503	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015564.D
 Acq On : 08 Apr 2020 13:23
 Operator : JC/SP
 Sample : VX0408WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0408WBSD01

Manual Integrations
 APPROVED

apatel
 4/9/2020 9:54:47 AM

Quant Time: Apr 09 07:05:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	376795	20.611	ug/l	98
40) Benzene	6.12	78	933008	20.088	ug/l	97
41) Methacrylonitrile	5.01	41	225761	19.699	ug/l	99
42) 1,2-Dichloroethane	6.17	62	377738	20.247	ug/l	98
43) Isopropyl Acetate	6.42	43	662389	19.006	ug/l	99
44) Trichloroethene	7.19	130	261980	20.682	ug/l	96
45) 1,2-Dichloropropane	7.50	63	250788	19.738	ug/l	98
46) Dibromomethane	7.64	93	164414	19.727	ug/l	97
47) Bromodichloromethane	7.88	83	354892	19.983	ug/l	97
48) Methyl methacrylate	7.75	41	330845	19.006	ug/l	98
49) 1,4-Dioxane	7.72	88	109833	338.215	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1956331	99.050	ug/l	99
52) Toluene	8.77	92	587325	20.511	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	402258	19.313	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	420778	19.832	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	237828	20.272	ug/l	98
56) Ethyl methacrylate	9.16	69	405537	19.614	ug/l	99
57) 1,3-Dichloropropane	9.36	76	417108	19.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1003255	99.758	ug/l	99
59) 2-Hexanone	9.48	43	1472956	98.780	ug/l	99
60) Dibromochloromethane	9.57	129	279931	19.857	ug/l	97
61) 1,2-Dibromoethane	9.65	107	250723	19.654	ug/l	95
64) Tetrachloroethene	9.32	164	255043	21.435	ug/l	93
65) Chlorobenzene	10.12	112	653461	20.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	255822	20.366	ug/l	97
67) Ethyl Benzene	10.24	91	1164668	20.885	ug/l	98
68) m/p-Xylenes	10.34	106	860391	41.434	ug/l	100
69) o-Xylene	10.68	106	421104	20.522	ug/l	99
70) Styrene	10.70	104	730281	20.225	ug/l	99
71) Bromoform	10.84	173	214299	18.740	ug/l #	96
73) Isopropylbenzene	11.01	105	1127122	20.772	ug/l	99
74) N-amyl acetate	10.89	43	574598	19.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	357651	19.208	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	331594m	19.471	ug/l	
77) Bromobenzene	11.24	156	304034	21.006	ug/l	97
78) n-propylbenzene	11.35	91	1304628	21.026	ug/l	99
79) 2-Chlorotoluene	11.41	91	785538	20.655	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	989285	21.347	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	126139	17.772	ug/l	94
82) 4-Chlorotoluene	11.49	91	911250	20.439	ug/l	99
83) tert-Butylbenzene	11.76	119	944946	20.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	991953	21.005	ug/l	98
85) sec-Butylbenzene	11.93	105	1116358	21.324	ug/l	99
86) p-Isopropyltoluene	12.05	119	1042215	21.444	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	544435	21.012	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	537628	20.370	ug/l	97
89) n-Butylbenzene	12.37	91	916179	20.860	ug/l	99
90) Hexachloroethane	12.58	117	184259	19.479	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	512276	20.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	91222	17.358	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040820\
Data File : VX015564.D
Acq On : 08 Apr 2020 13:23
Operator : JC/SP
Sample : VX0408WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

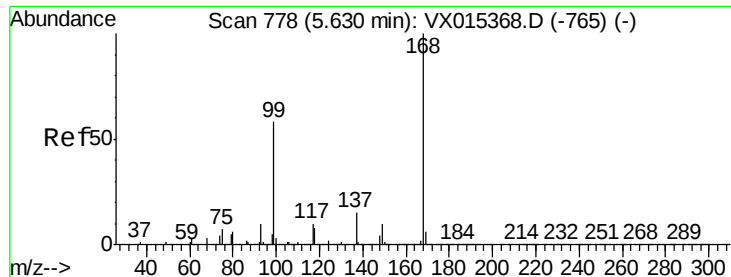
Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM

Quant Time: Apr 09 07:05:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	390150	19.451	ug/l	95
94) Hexachlorobutadiene	13.77	225	194542	20.372	ug/l	98
95) Naphthalene	13.82	128	1219053	19.925	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	405254	20.985	ug/l	97

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



#1

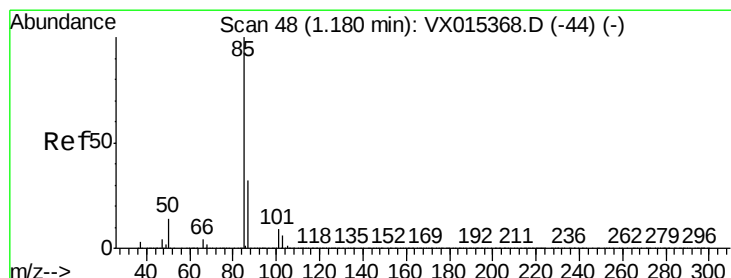
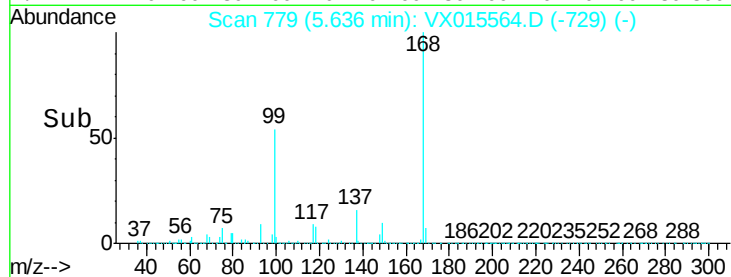
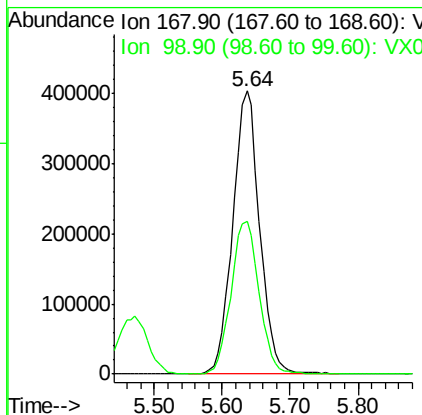
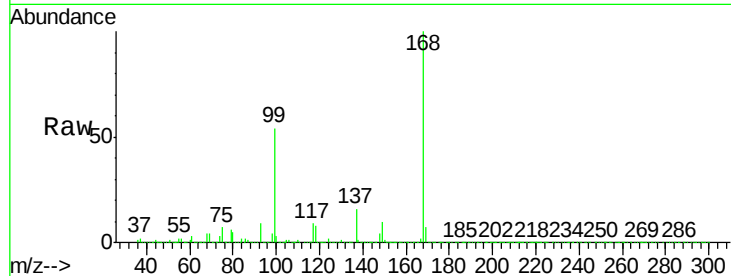
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.0	46.4	69.6

Manual Integrations
 APPROVED

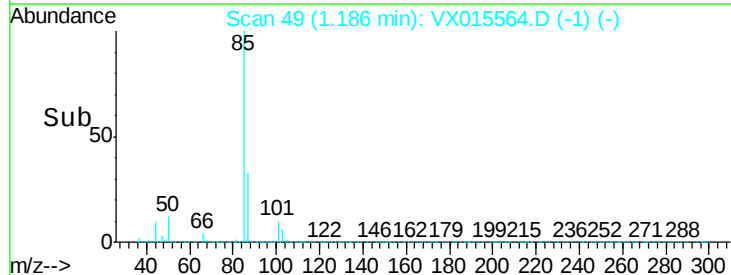
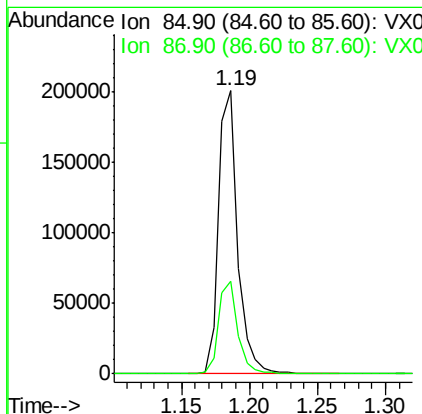
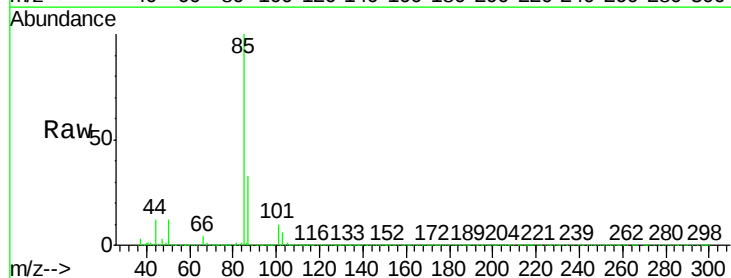
apatel
 4/9/2020 9:54:47 AM

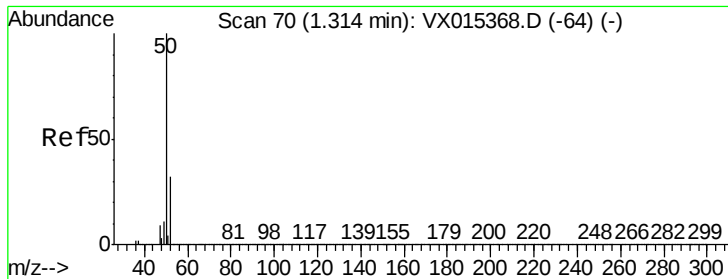


#2

Dichlorodifluoromethane
 Concen: 19.976 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.0	47.9





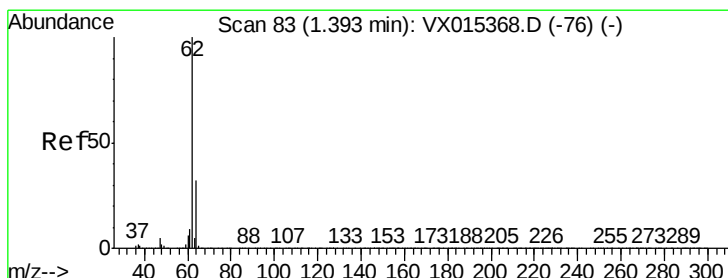
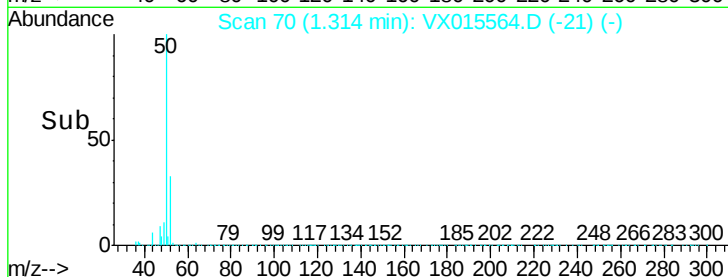
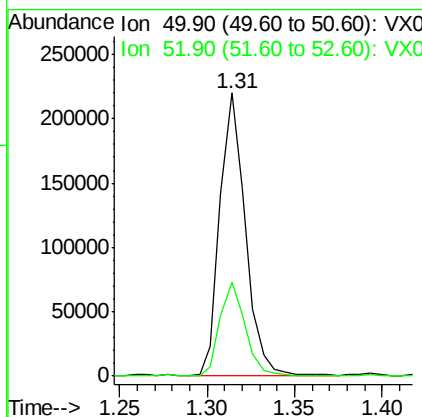
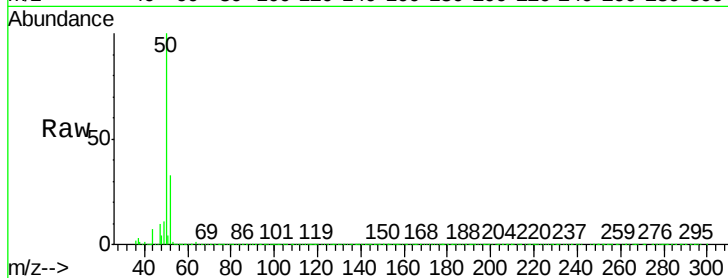
#3
Chloromethane
Concen: 17.864 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion: 50 Resp: 221853
Ion Ratio Lower Upper
50 100
52 32.9 25.3 37.9

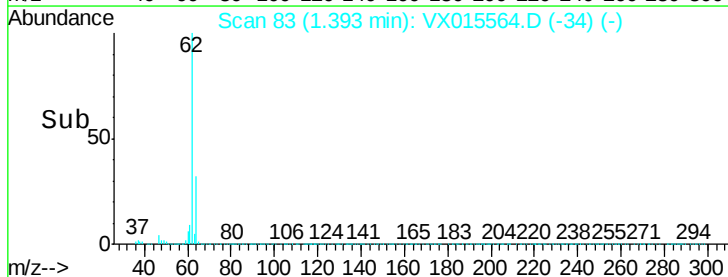
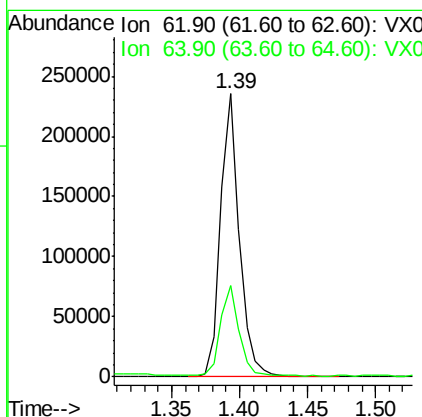
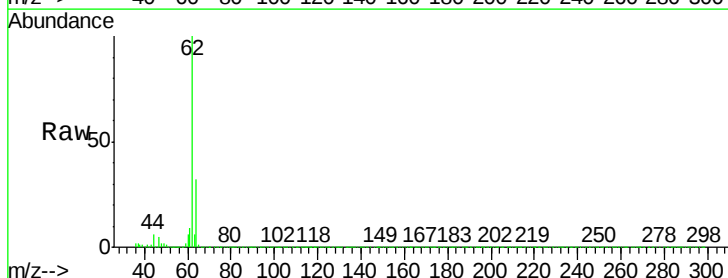
Manual Integrations
APPROVED

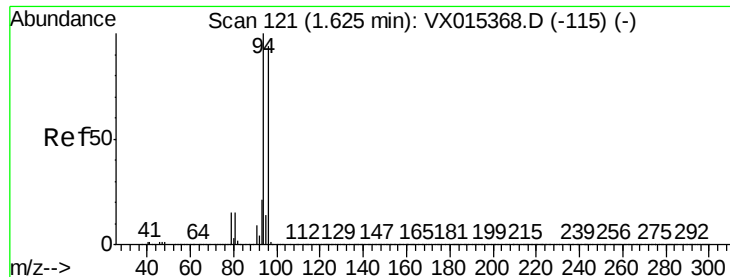
apatel
4/9/2020 9:54:47 AM



#4
Vinyl Chloride
Concen: 19.587 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion: 62 Resp: 223365
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5

Bromomethane

Concen: 21.892 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 94 Resp: 138975

Ion Ratio Lower Upper

94 100

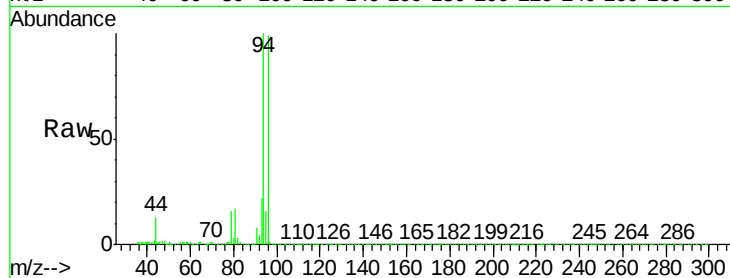
96 99.1 74.8 112.2

Manual Integrations

APPROVED

apatel

4/9/2020 9:54:47 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

120000

100000

80000

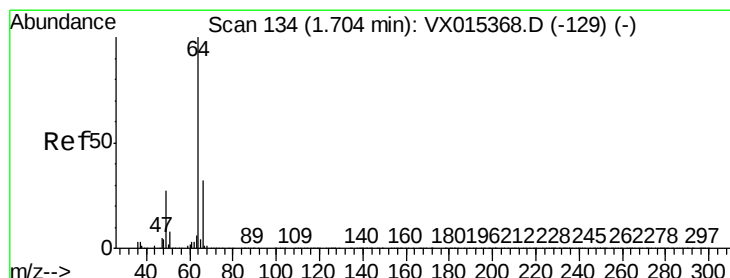
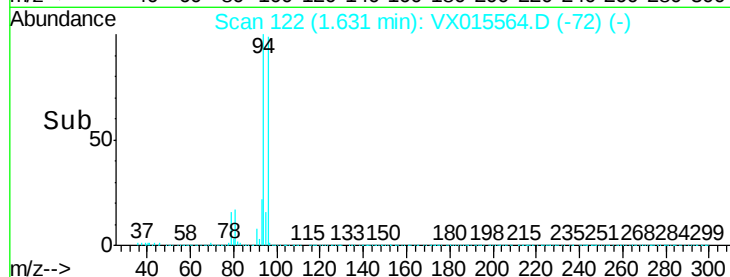
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.893 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015564.D

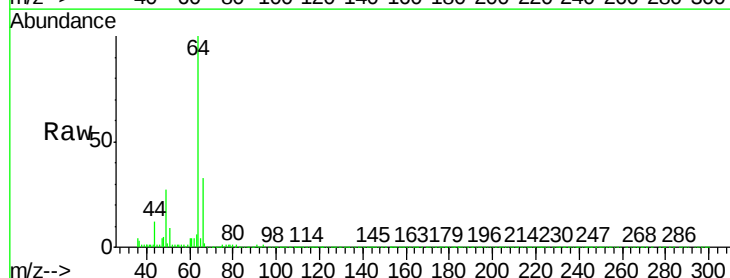
Acq: 08 Apr 2020 13:23

Tgt Ion: 64 Resp: 147764

Ion Ratio Lower Upper

64 100

66 33.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

120000

100000

80000

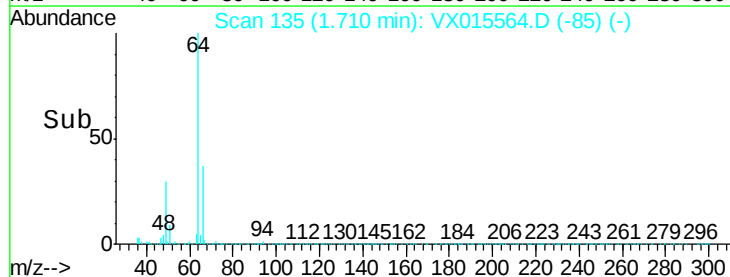
60000

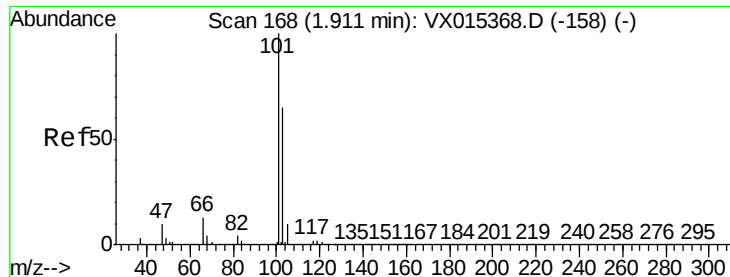
40000

20000

0

Time--> 1.60 1.65 1.70 1.75 1.80





#7

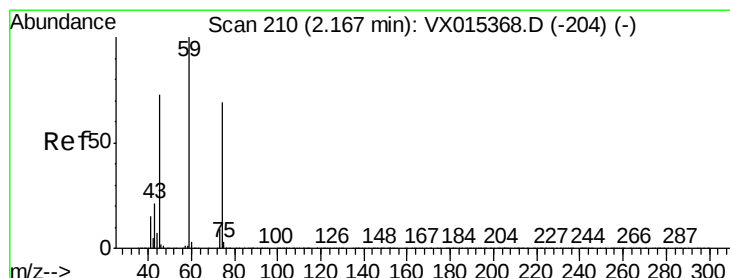
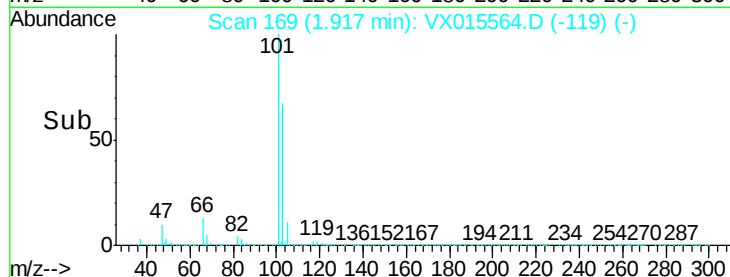
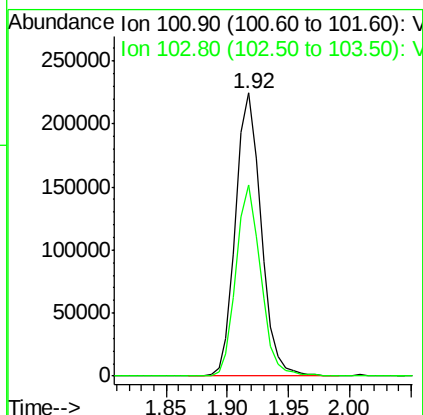
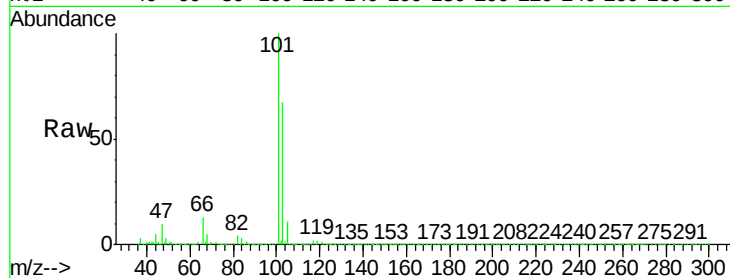
Trichlorofluoromethane
Concen: 21.147 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.3	78.5

Manual Integrations
APPROVED

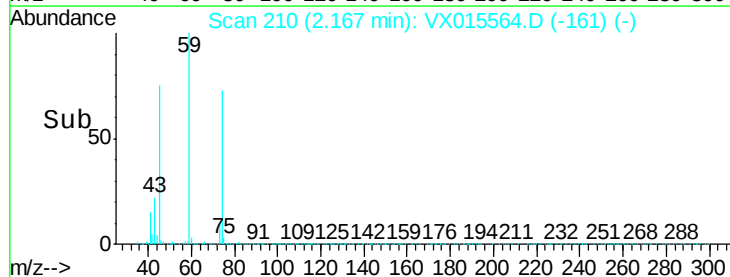
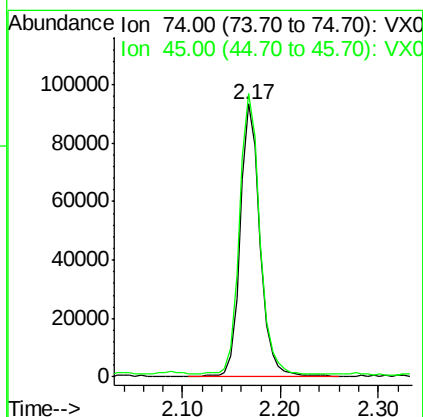
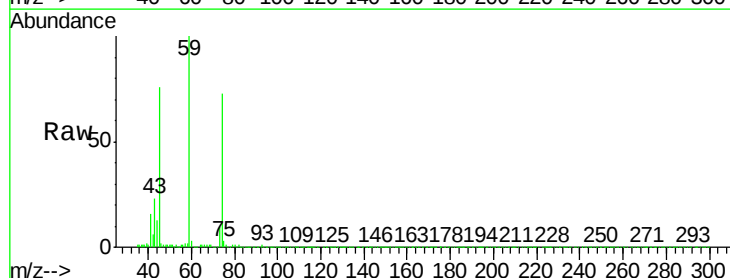
apatel
4/9/2020 9:54:47 AM

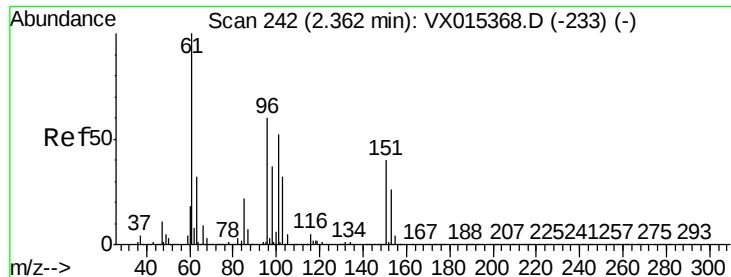


#8

Diethyl Ether
Concen: 20.018 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.799 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

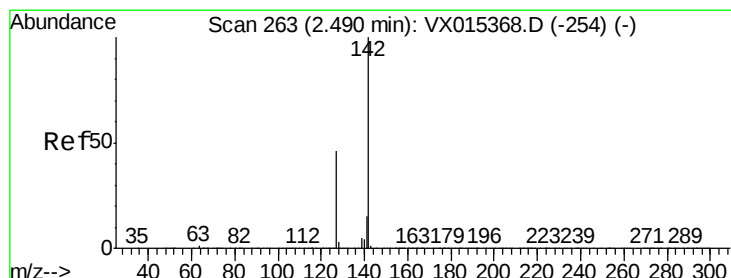
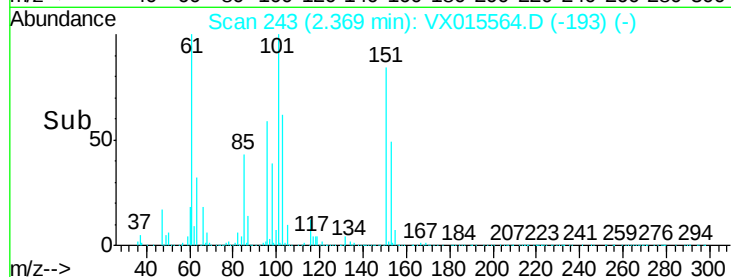
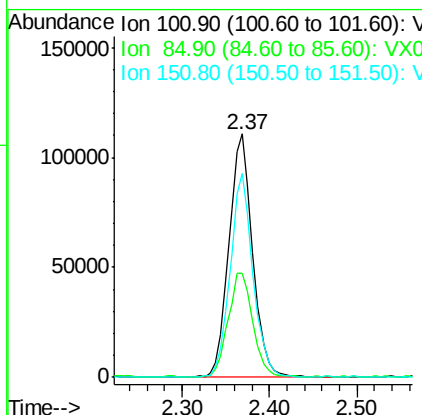
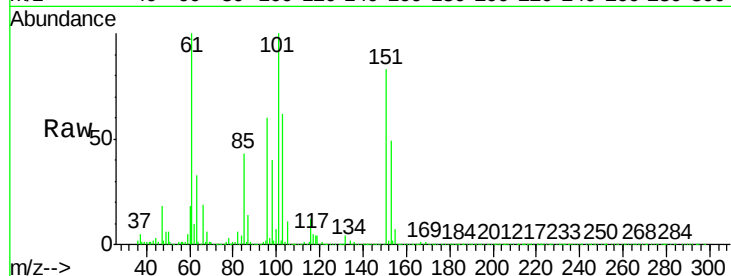
ClientSampleId :

VX0408WBSD01

Tot Ion:	101	Resp:	207354
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.0	52.4
151	80.8	64.1	96.1

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#10

Methyl Iodide

Concen: 15.262 ug/l

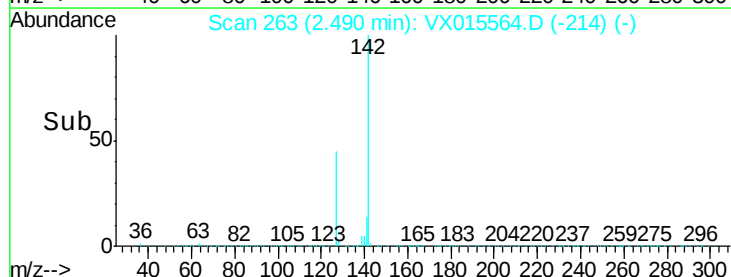
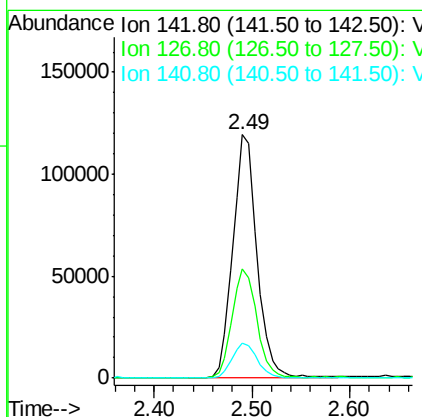
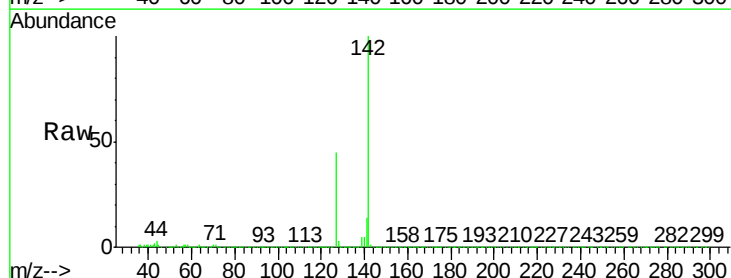
RT: 2.49 min Scan# 263

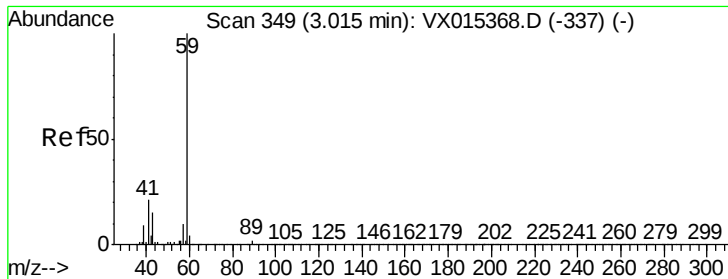
Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion:	142	Resp:	205149
Ion Ratio	Lower	Upper	
142	100		
127	46.3	35.9	53.9
141	14.6	11.6	17.4





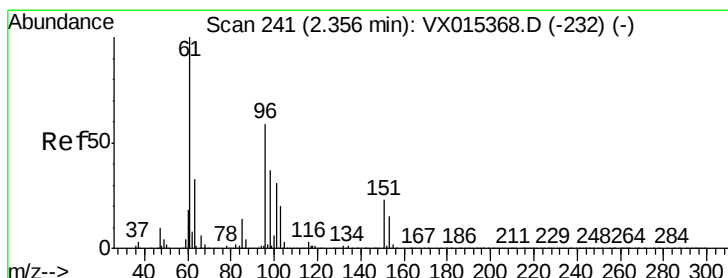
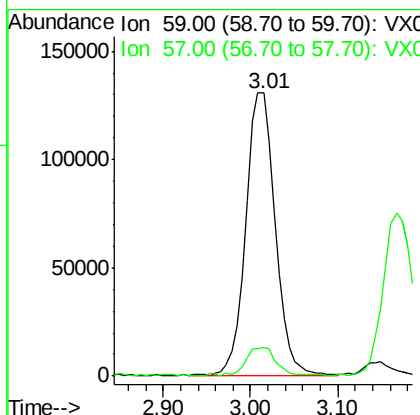
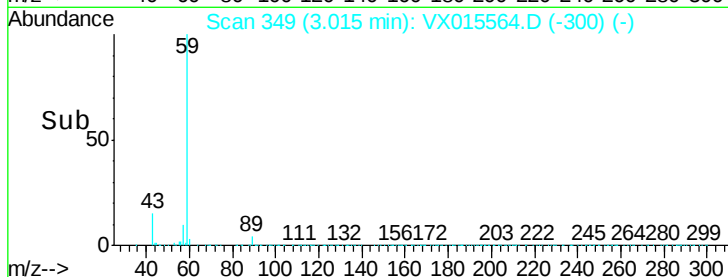
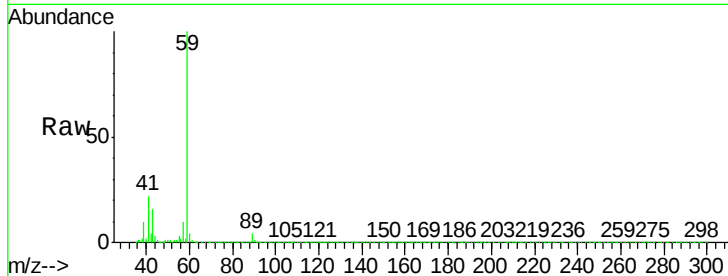
#11
Tert butyl alcohol
Concen: 82.546 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	308454		
57	9.7		8.1	12.1

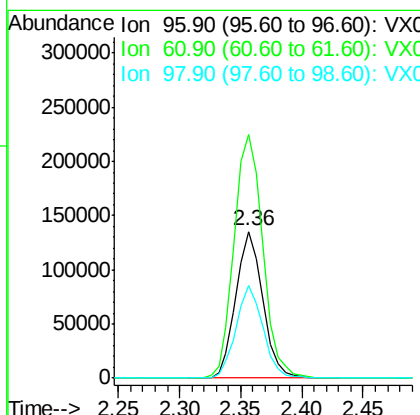
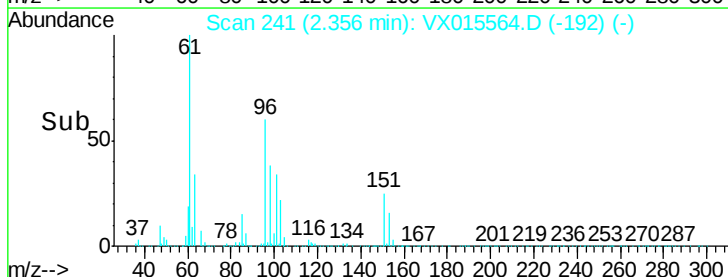
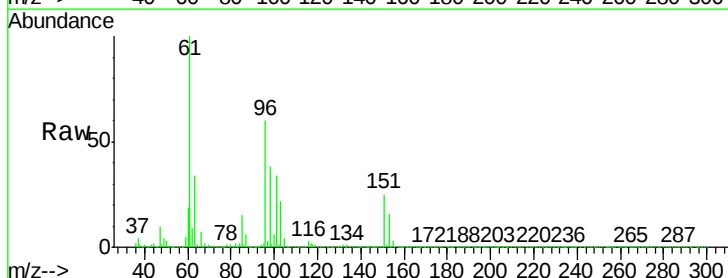
Manual Integrations
APPROVED

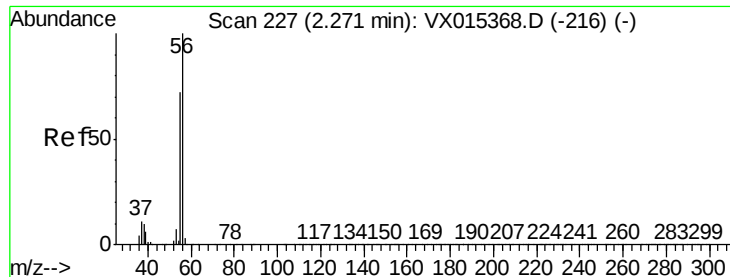
apatel
4/9/2020 9:54:47 AM



#12
1,1-Dichloroethene
Concen: 19.647 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	205315		
61	166.1		135.7	203.5
98	63.2		50.6	75.8





#13

Acrolein

Concen: 100.726 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 56 Resp: 214406

Ion Ratio Lower Upper

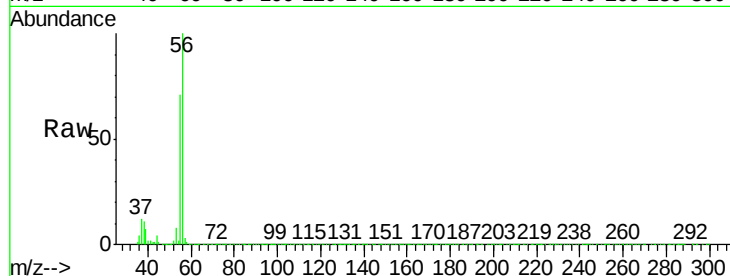
56 100

55 70.8 57.0 85.4

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:47 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

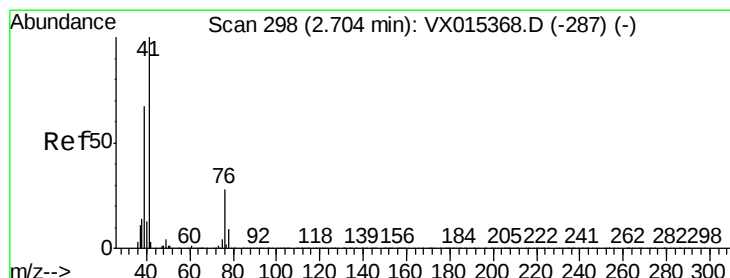
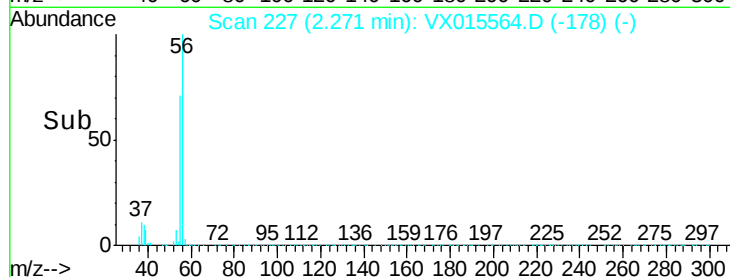
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 18.798 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

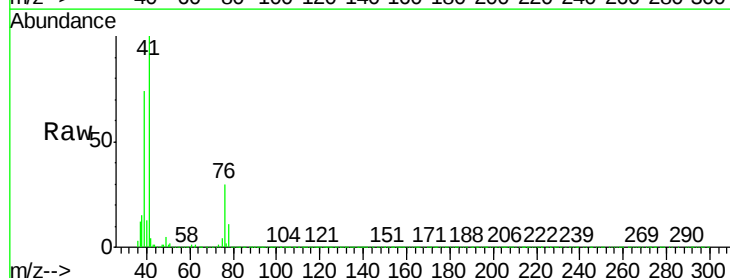
Tgt Ion: 41 Resp: 459017

Ion Ratio Lower Upper

41 100

39 66.6 51.4 77.0

76 28.8 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

300000

250000

200000

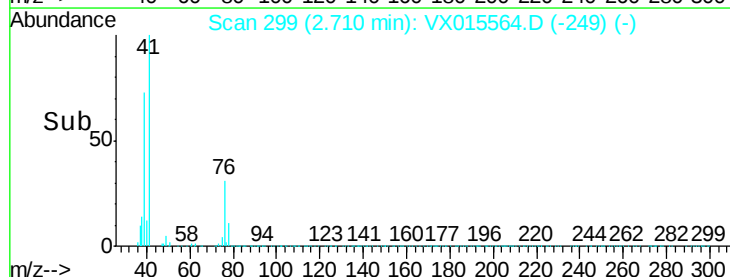
150000

100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 92.669 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

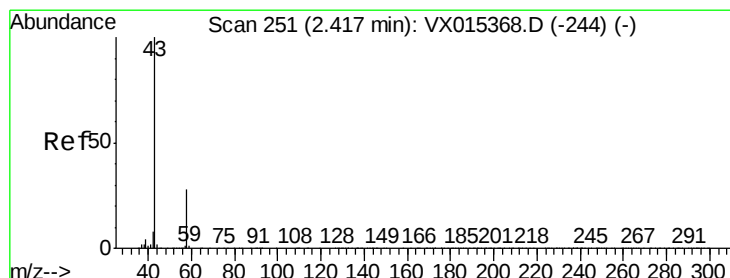
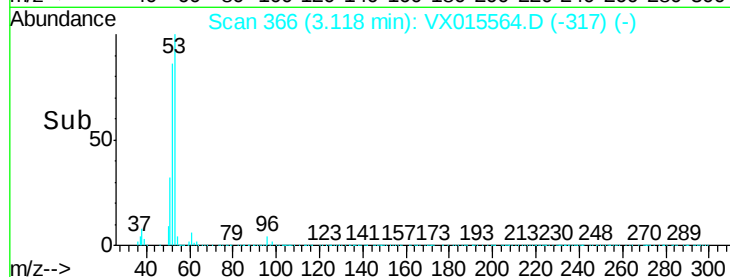
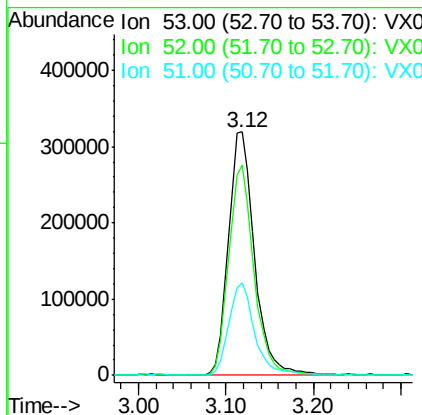
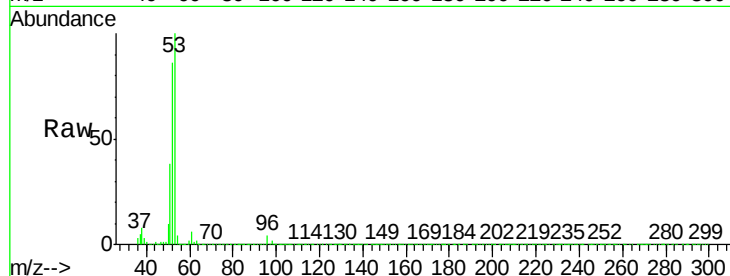
ClientSampleId :

VX0408WBSD01

Tot Ion:	53	Resp:	660382
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.8	100.2
51	38.5	29.5	44.3

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#16

Acetone

Concen: 97.428 ug/l

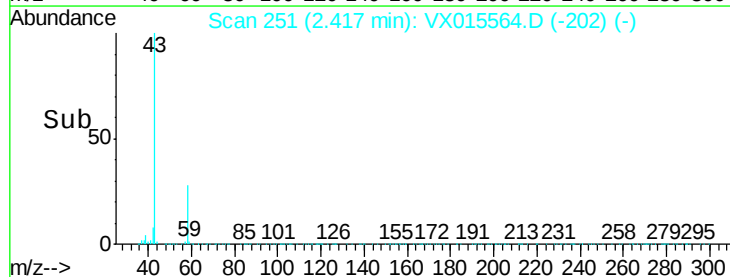
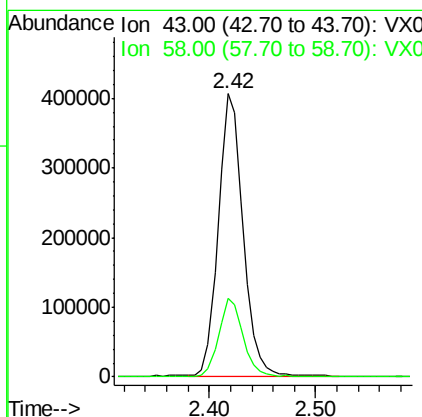
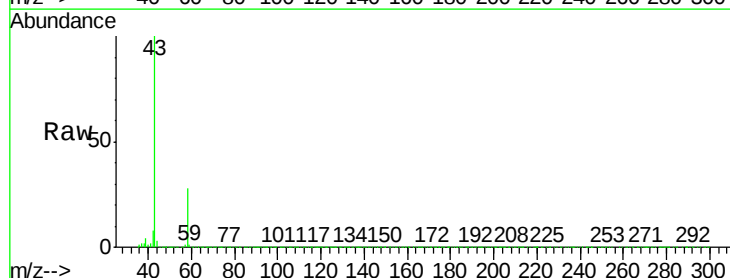
RT: 2.42 min Scan# 251

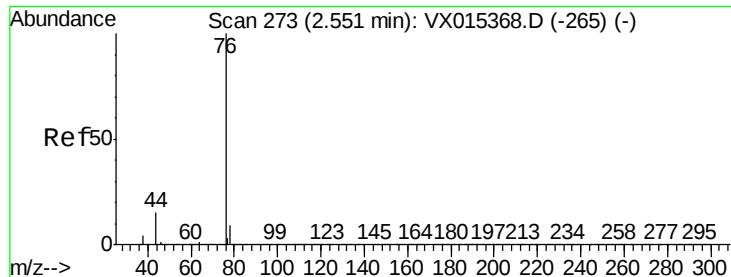
Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion:	43	Resp:	653465
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1





#17

Carbon Disulfide

Concen: 17.787 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 76 Resp: 567039

Ion Ratio Lower Upper

76 100

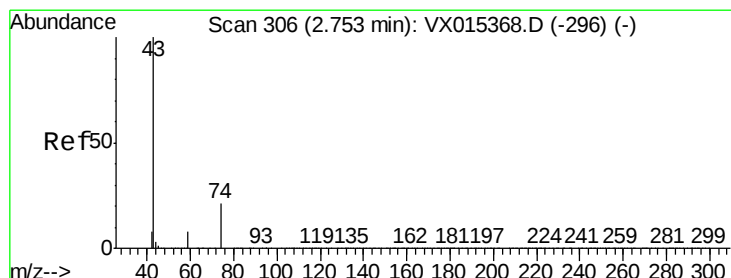
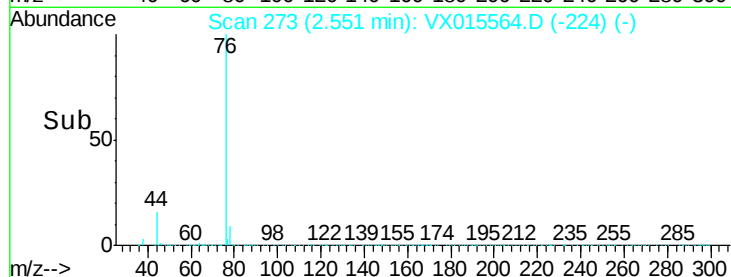
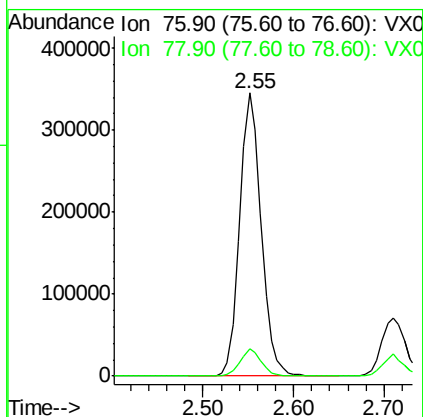
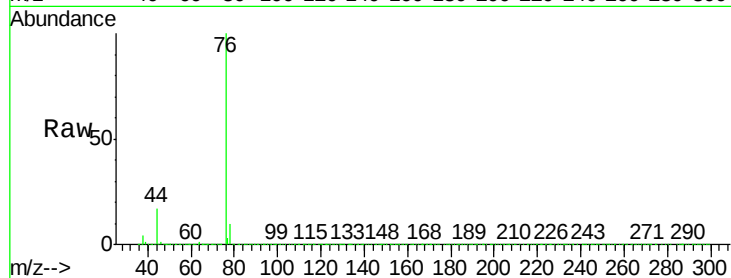
78 9.5 7.1 10.7

Manual Integrations

APPROVED

apatel

4/9/2020 9:54:47 AM



#18

Methyl Acetate

Concen: 18.830 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015564.D

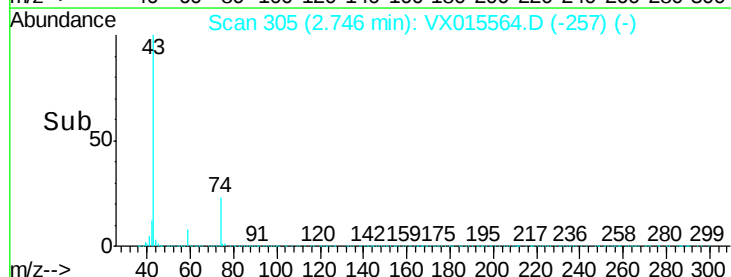
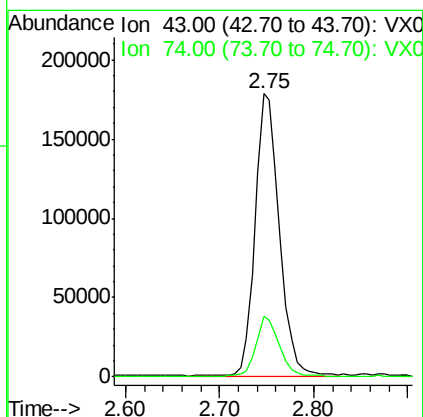
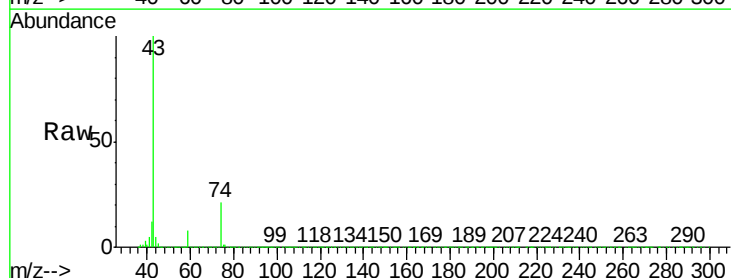
Acq: 08 Apr 2020 13:23

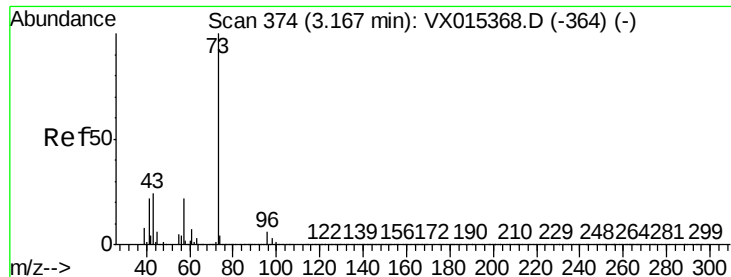
Tgt Ion: 43 Resp: 322337

Ion Ratio Lower Upper

43 100

74 20.5 16.5 24.7





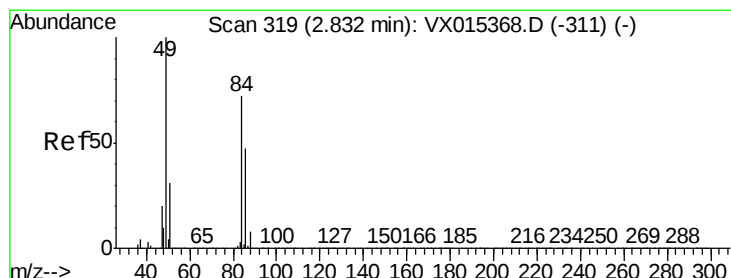
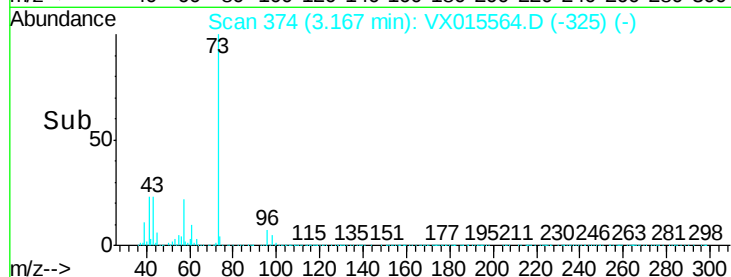
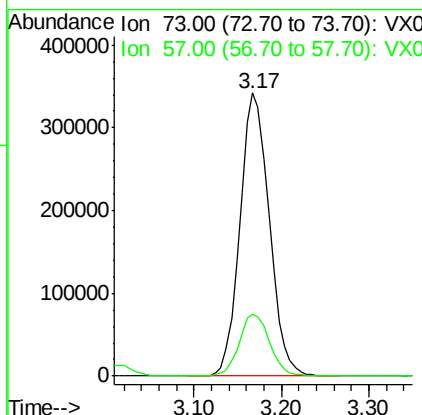
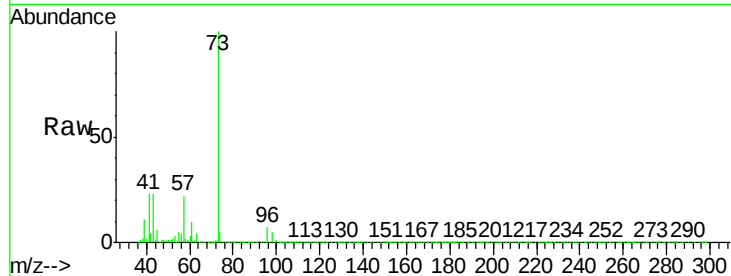
#19
Methvl tert-butvl Ether
Concen: 19.641 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.9	26.9

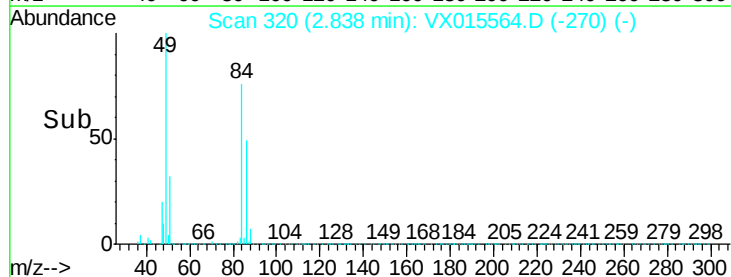
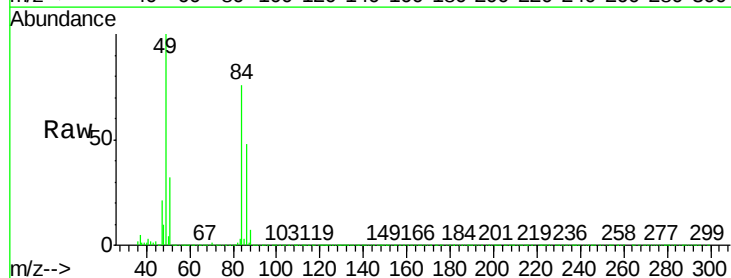
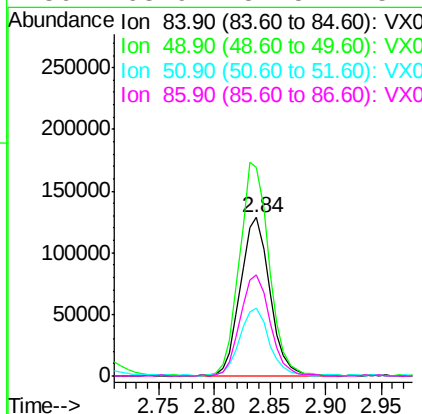
Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#20
Methylene Chloride
Concen: 18.828 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.7	111.3	166.9
51	42.1	34.0	51.0
86	63.9	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.093 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

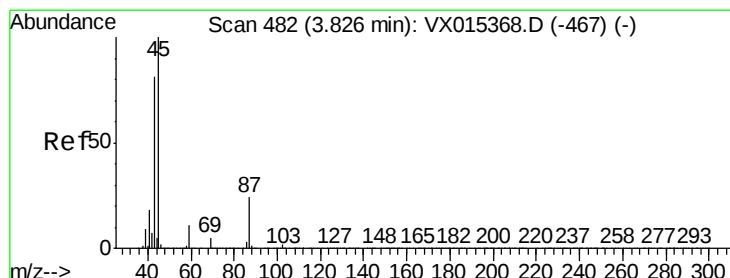
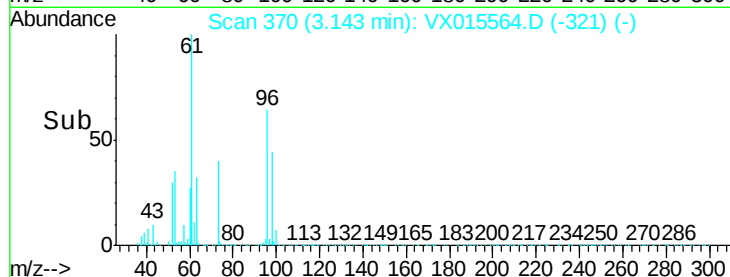
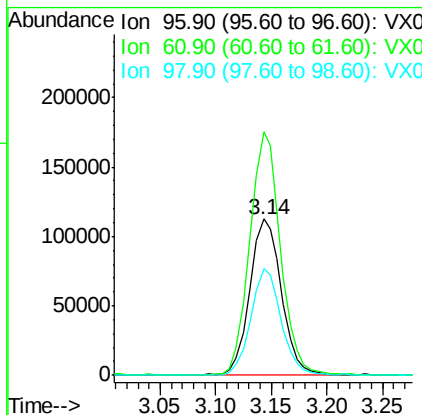
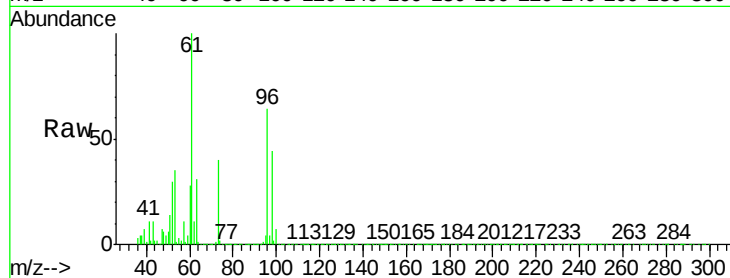
ClientSampleId :

VX0408WBSD01

Tot Ion:	96	Resp:	221436
Ion	Ratio	Lower	Upper
96	100		
61	155.6	116.9	175.3
98	67.5	48.6	73.0

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#22

Diisopropyl ether

Concen: 19.795 ug/l

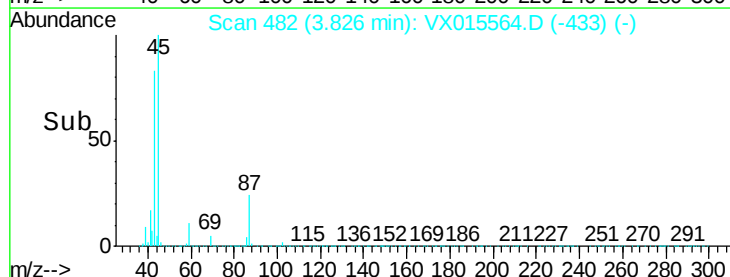
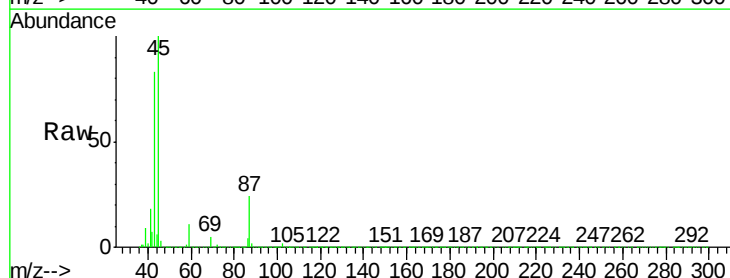
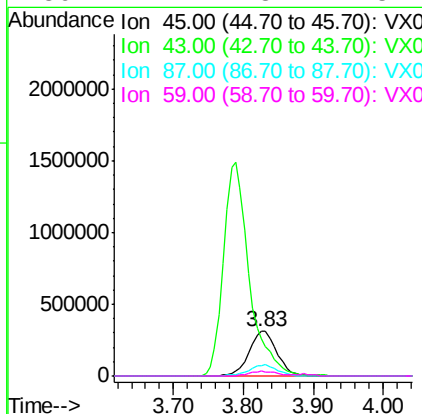
RT: 3.83 min Scan# 482

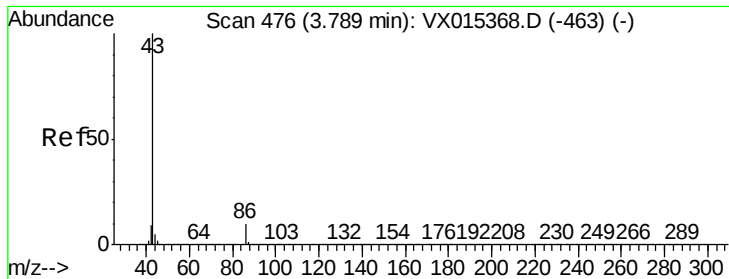
Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion:	45	Resp:	856489
Ion	Ratio	Lower	Upper
45	100		
43	82.8	64.7	97.1
87	24.0	19.4	29.0
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 97.568 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 43 Resp: 3822280

Ion Ratio Lower Upper

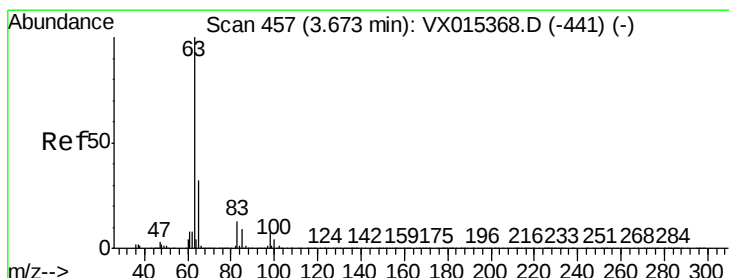
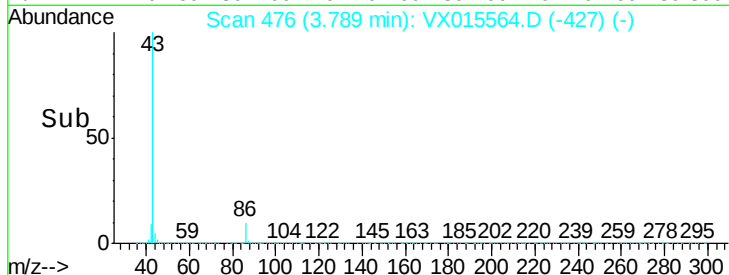
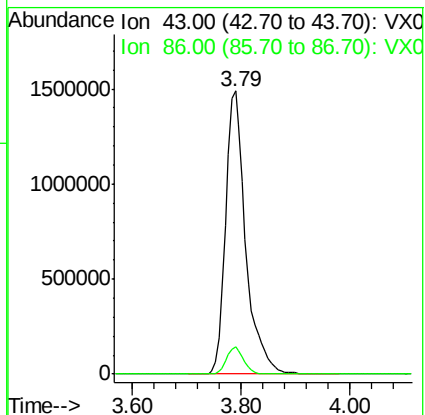
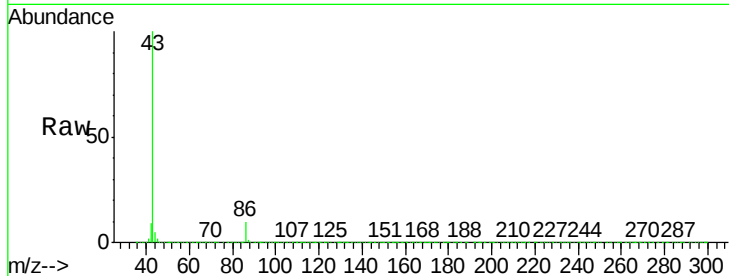
43 100

86 9.9 7.8 11.6

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:47 AM



#24

1,1-Dichloroethane

Concen: 19.316 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

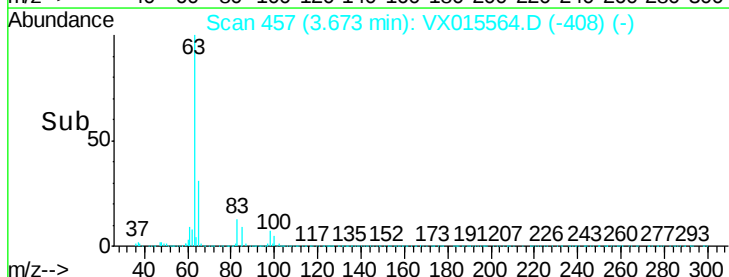
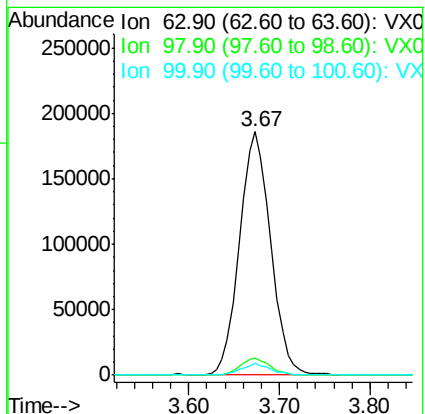
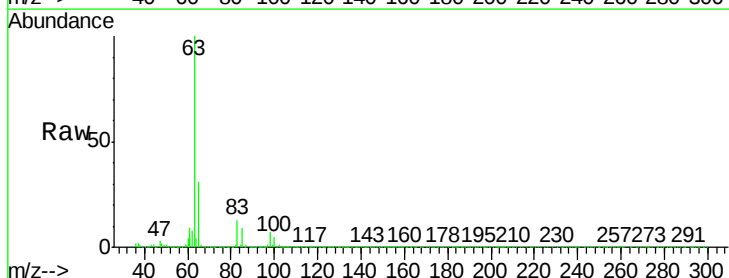
Tgt Ion: 63 Resp: 440044

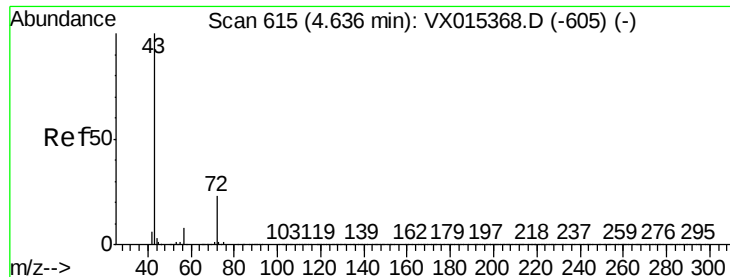
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 92.548 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tot Ion: 43 Resp: 998263

Ion Ratio Lower Upper

43 100

72 21.5 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

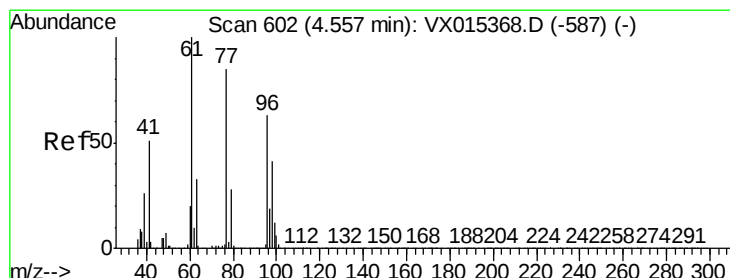
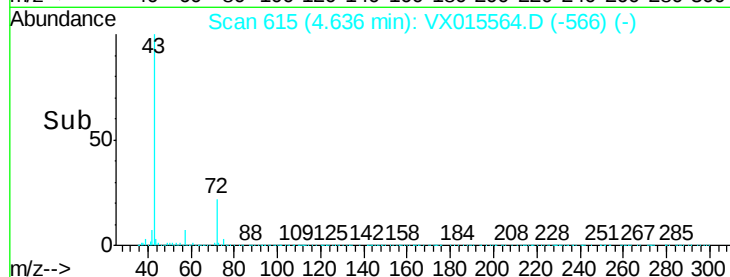
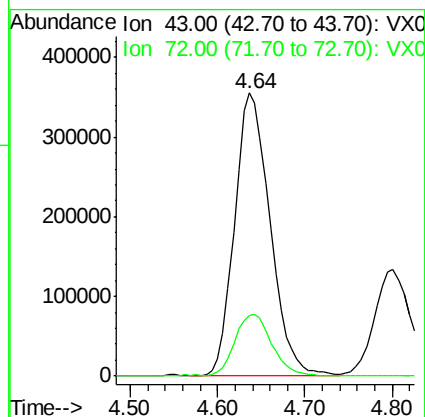
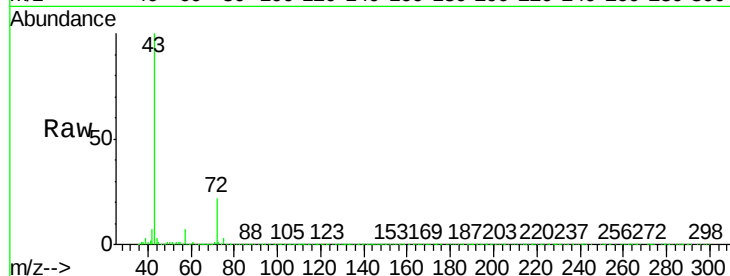
VX0408WBSD01

Manual Integrations

APPROVED

apatel

4/9/2020 9:54:47 AM



#26

2,2-Dichloropropane

Concen: 21.839 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015564.D

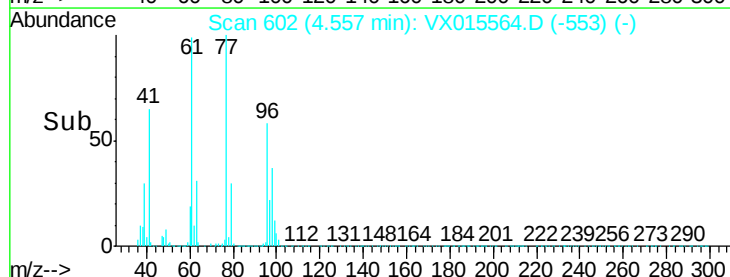
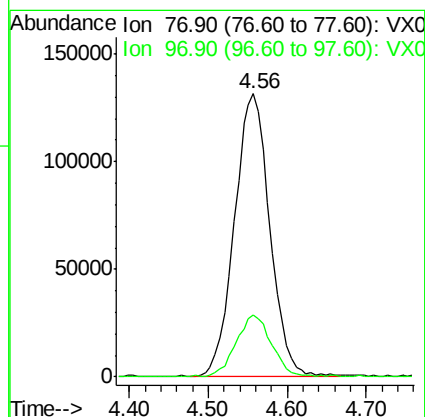
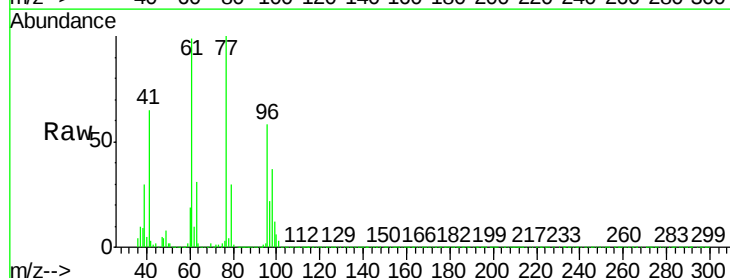
Acq: 08 Apr 2020 13:23

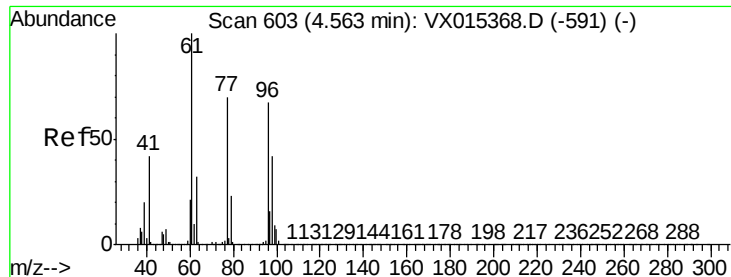
Tgt Ion: 77 Resp: 408375

Ion Ratio Lower Upper

77 100

97 21.4 11.3 33.8





#27

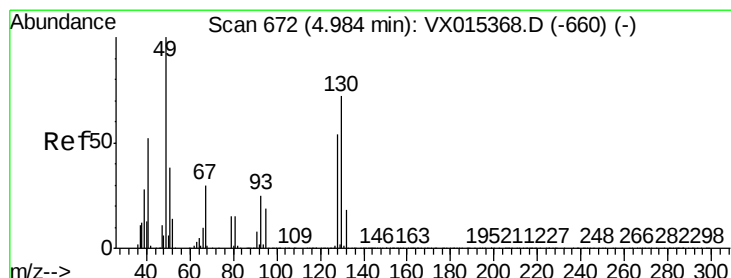
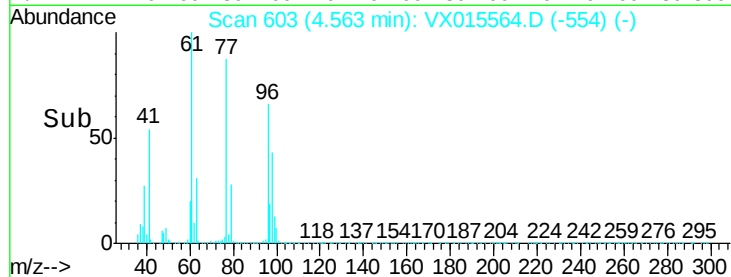
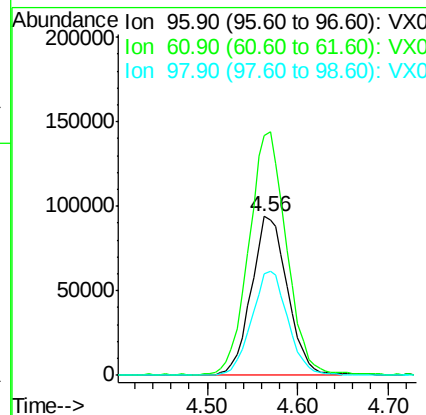
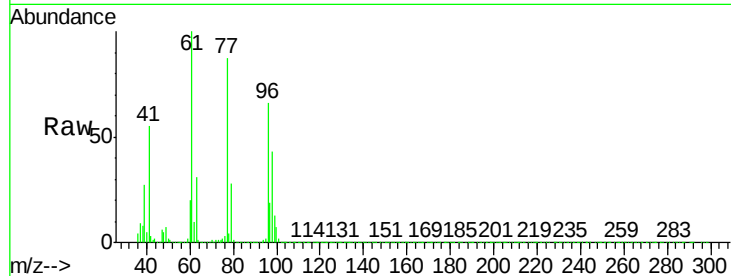
cis-1,2-Dichloroethene
Concen: 19.255 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	258373		
61	160.0	0.0	308.4	
98	65.5	0.0	129.2	

Manual Integrations
APPROVED

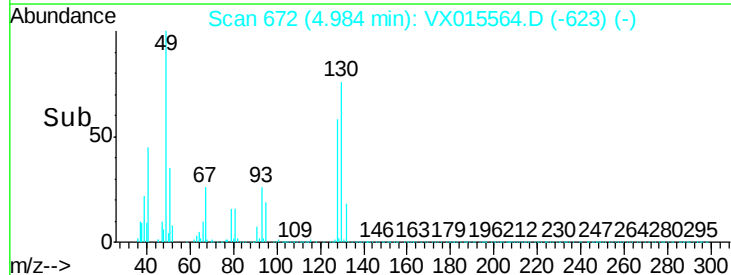
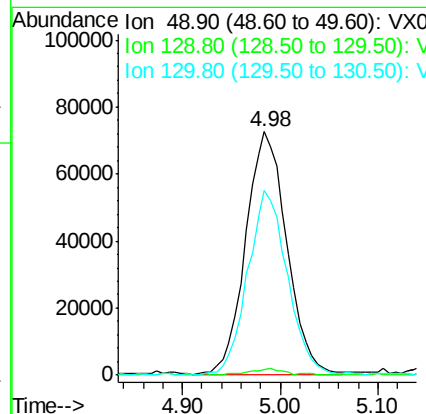
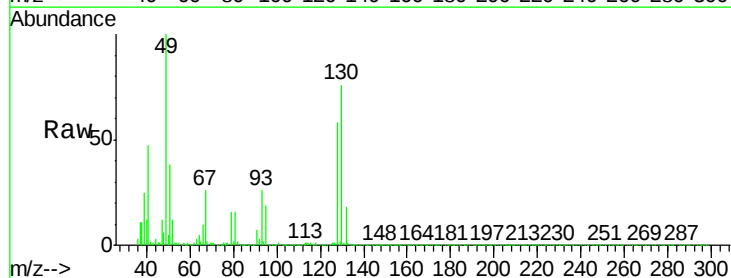
apatel
4/9/2020 9:54:47 AM

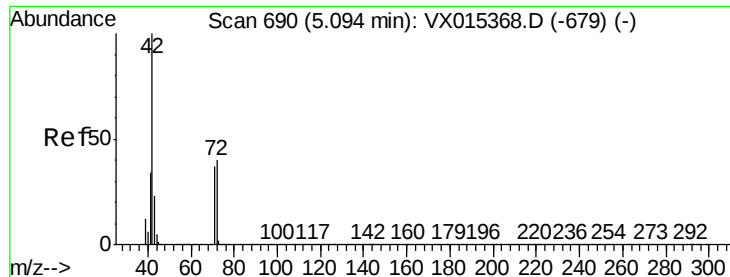


#28

Bromochloromethane
Concen: 19.341 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	210374		
129	2.3	0.0	4.4	
130	74.5	57.7	86.5	





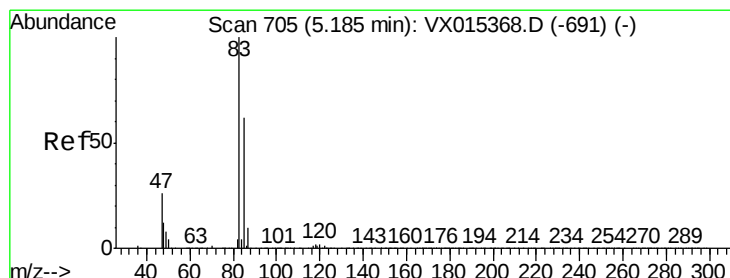
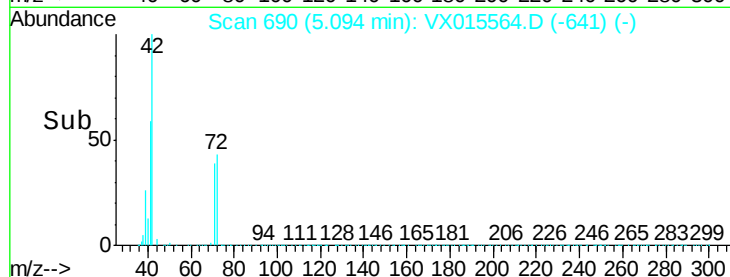
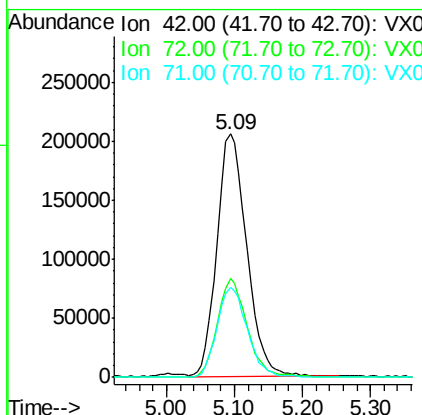
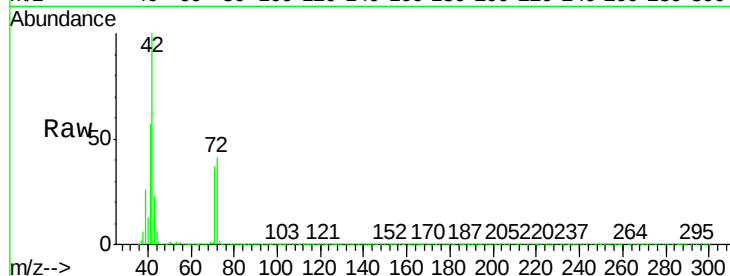
#29
Tetrahydrofuran
Concen: 90.091 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	31.7	47.5
71	37.6	29.6	44.4

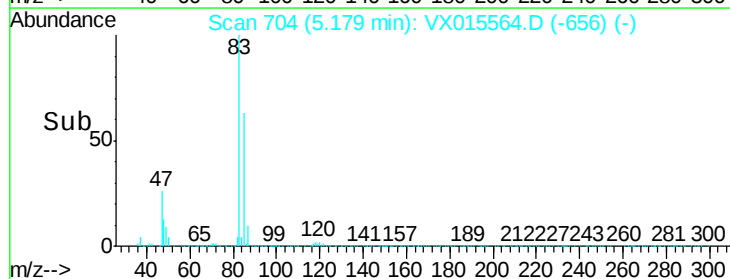
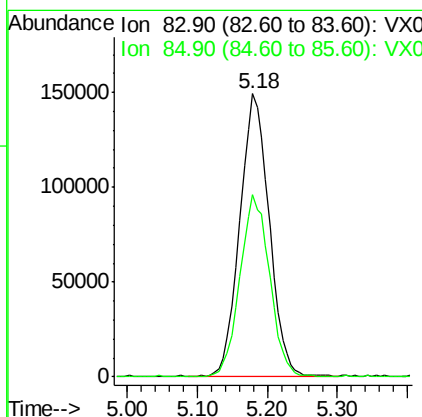
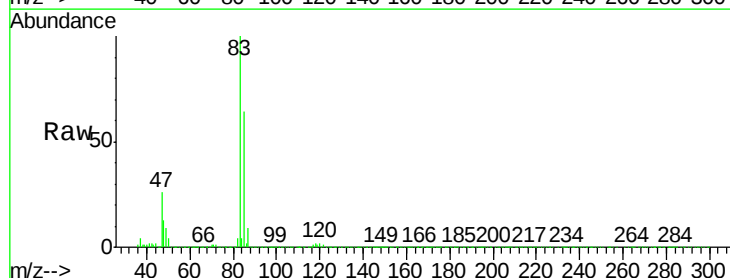
Manual Integrations
APPROVED

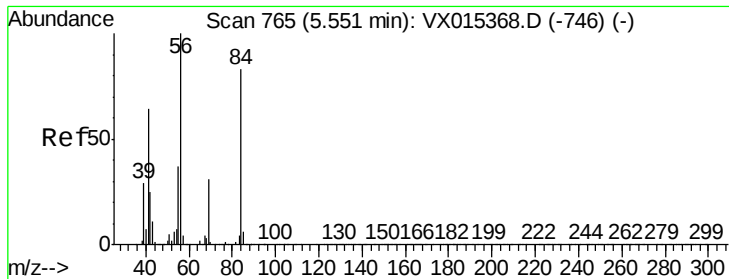
apatel
4/9/2020 9:54:47 AM



#30
Chloroform
Concen: 19.889 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.5	74.3





#31

Cyclohexane

Concen: 19.986 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

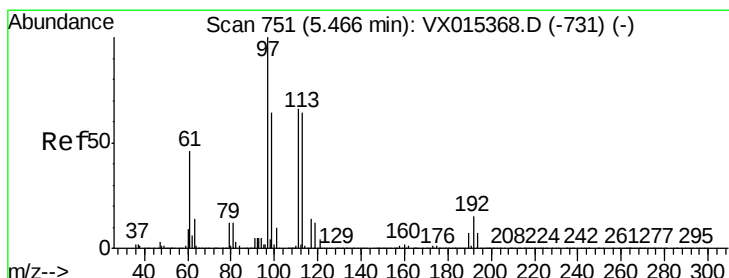
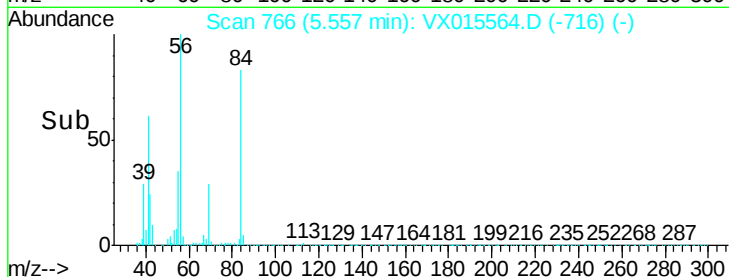
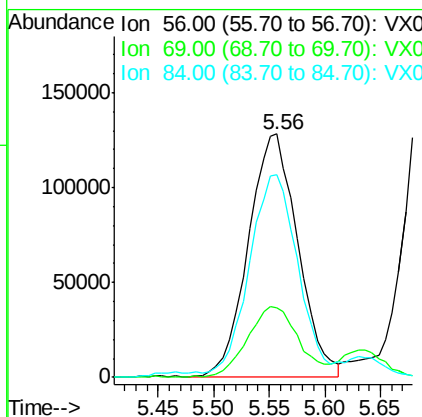
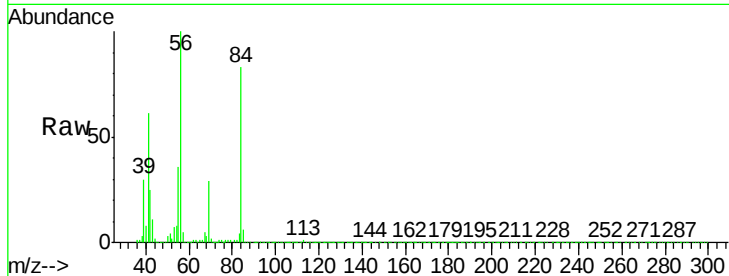
ClientSampleId :

VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.4	24.6	36.8
84	81.9	66.1	99.1

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#32

1,1,1-Trichloroethane

Concen: 19.989 ug/l

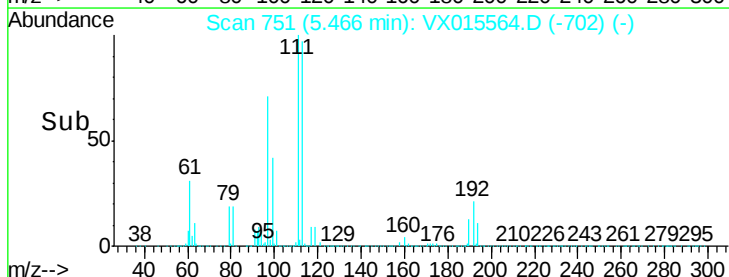
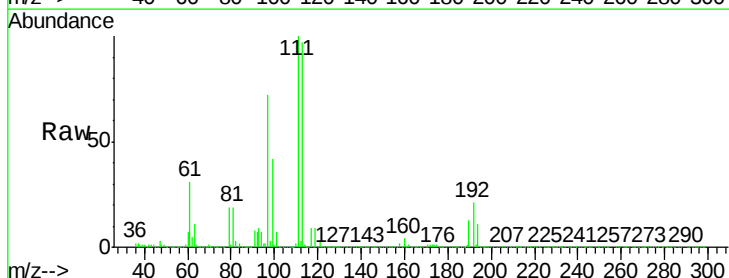
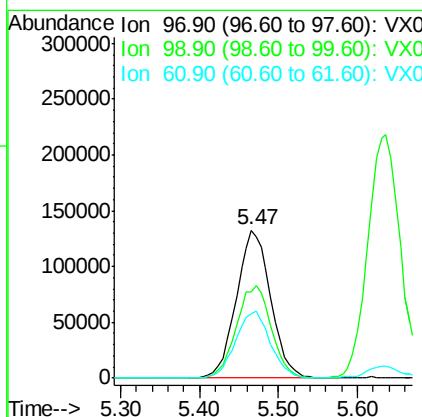
RT: 5.47 min Scan# 751

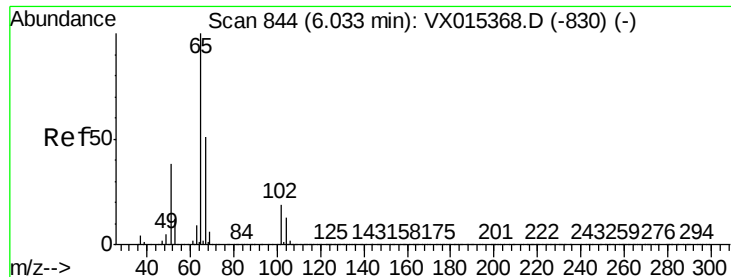
Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	45.8	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.924 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 65 Resp: 748169

Ion Ratio Lower Upper

65 100

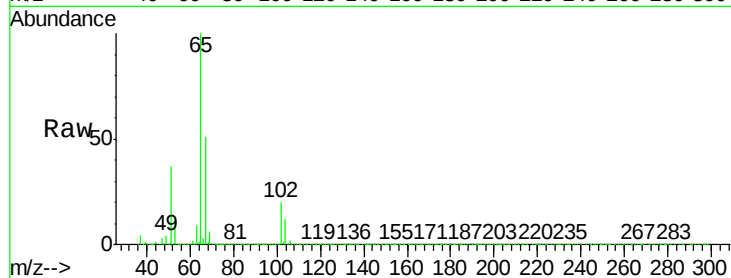
67 50.3 0.0 102.6

Manual Integrations

APPROVED

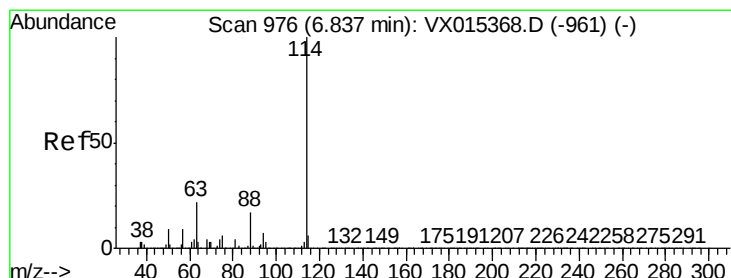
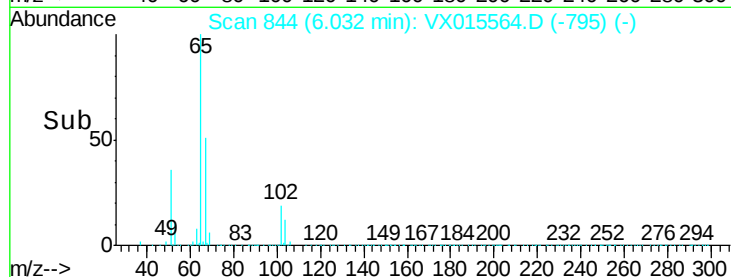
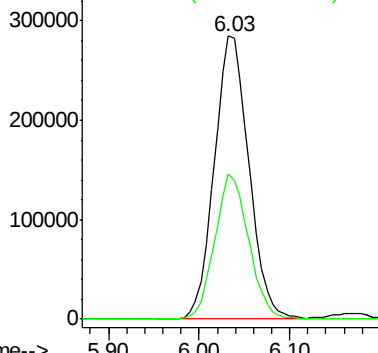
apatel

4/9/2020 9:54:47 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

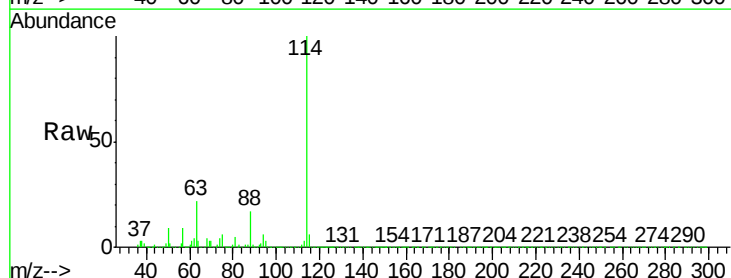
Tgt Ion: 114 Resp: 1720846

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

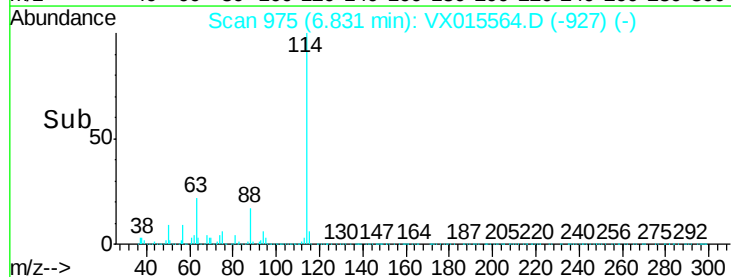
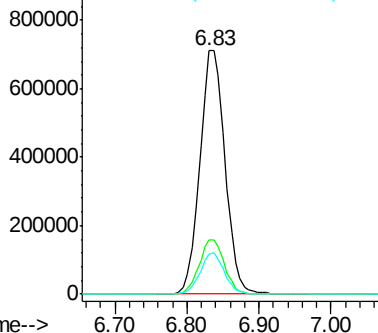
88 16.6 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





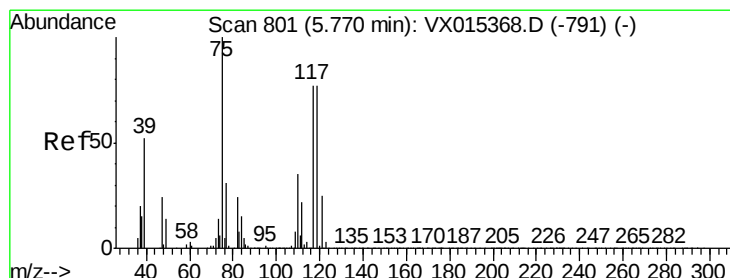
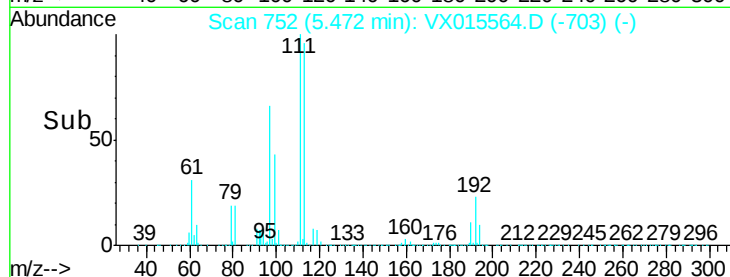
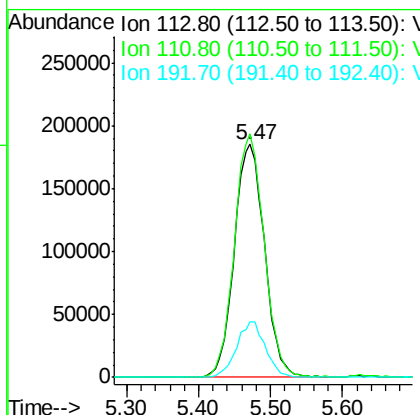
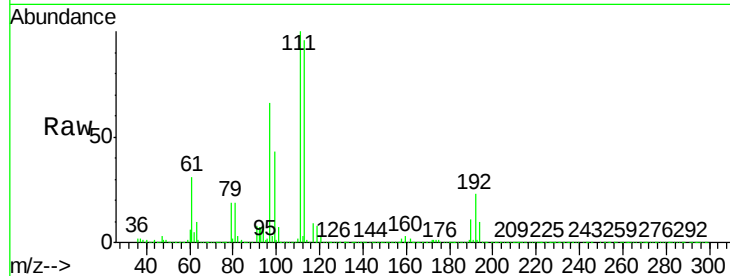
#35
Dibromofluoromethane
Concen: 49.087 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	539962		
111	102.5	81.5	122.3	
192	22.9	17.8	26.6	

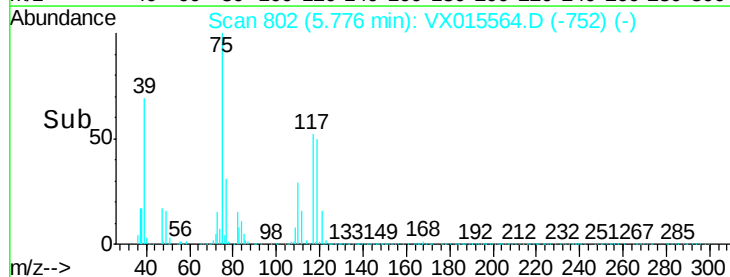
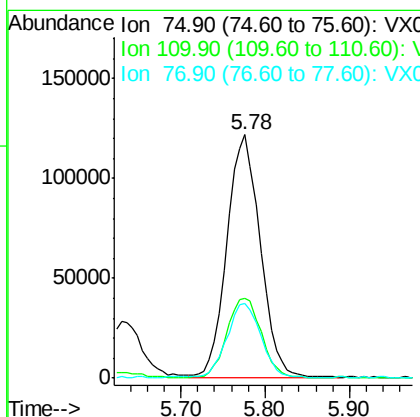
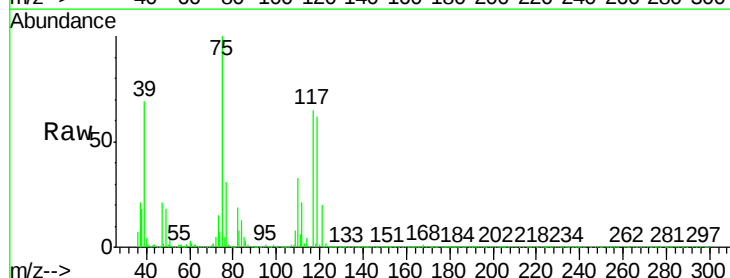
Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#36
1,1-Dichloropropene
Concen: 20.556 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	325932		
110	33.9	17.1	51.3	
77	30.9	24.6	36.8	





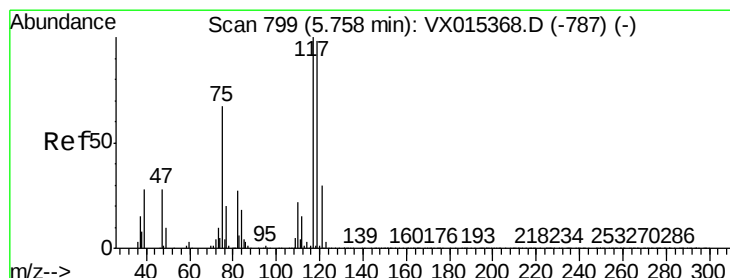
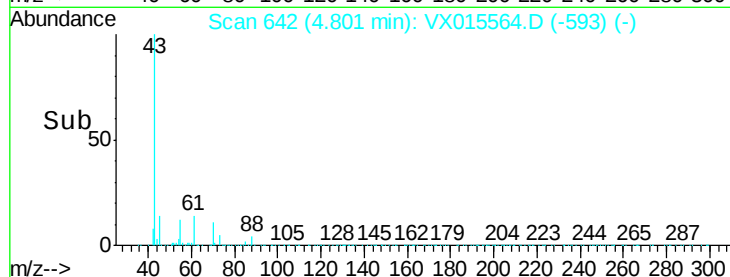
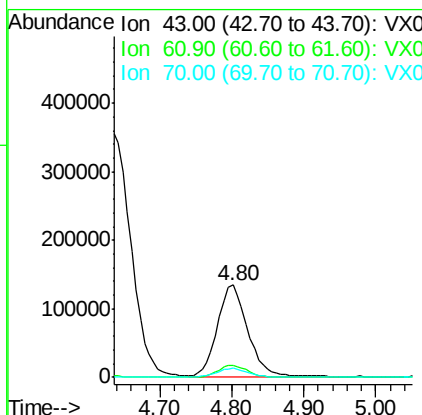
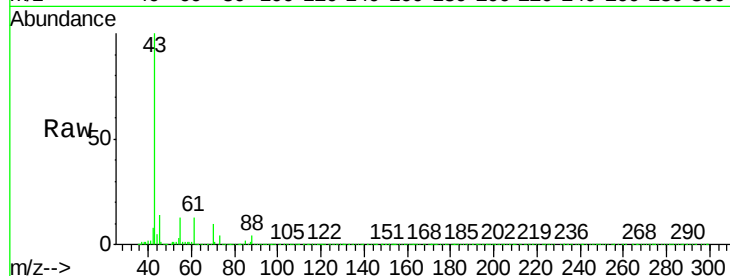
#37
Ethyl Acetate
Concen: 18.975 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	9.8	8.1	12.1

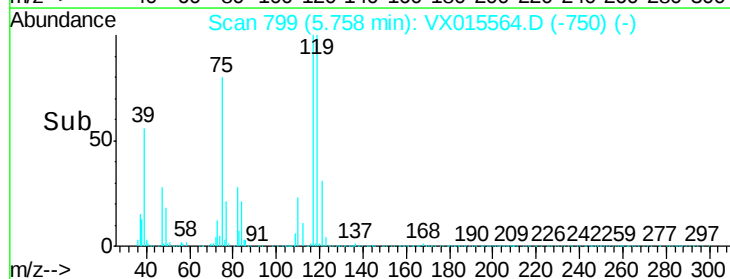
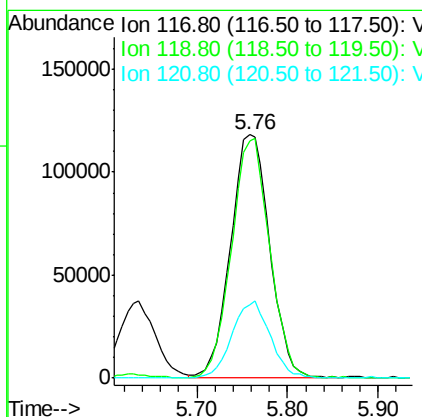
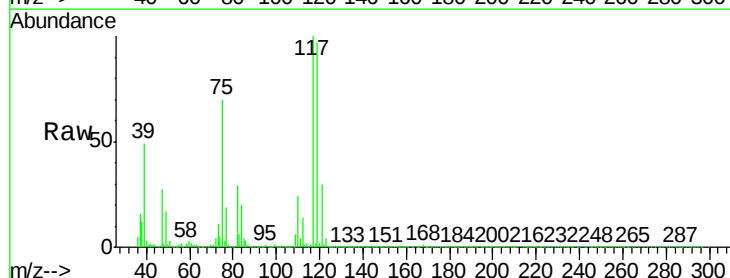
Manual Integrations
APPROVED

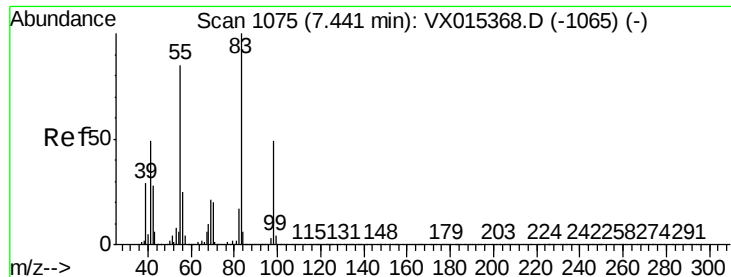
apatel
4/9/2020 9:54:47 AM



#38
Carbon Tetrachloride
Concen: 20.503 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.0	117.0
121	30.3	23.8	35.8





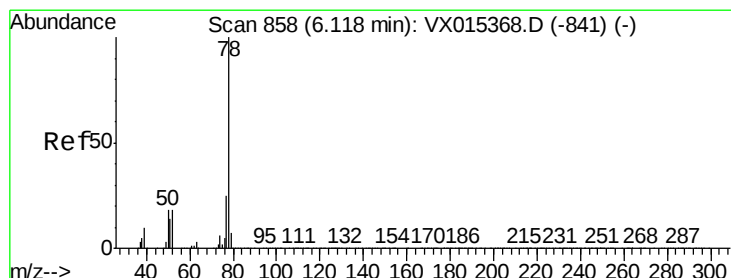
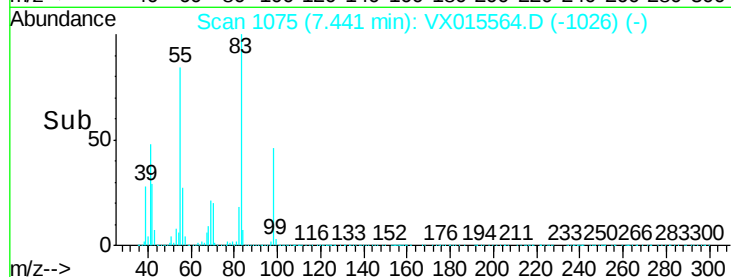
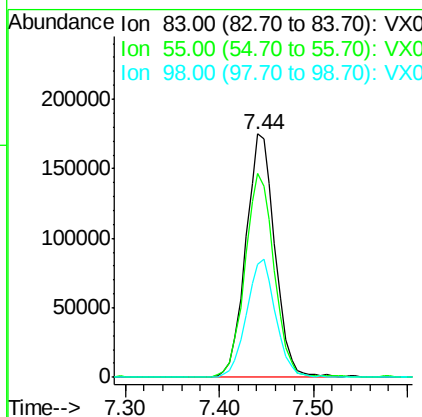
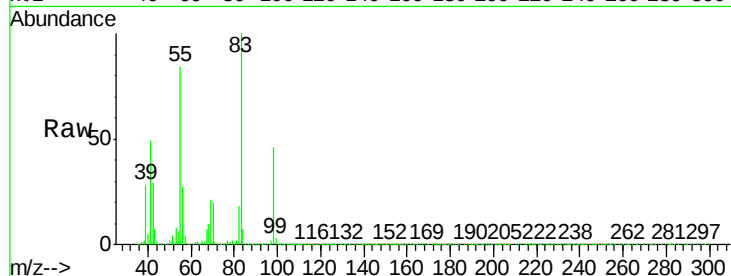
#39
Methvlcvclohexane
Concen: 20.611 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.6	67.8	101.6
98	46.4	39.3	58.9

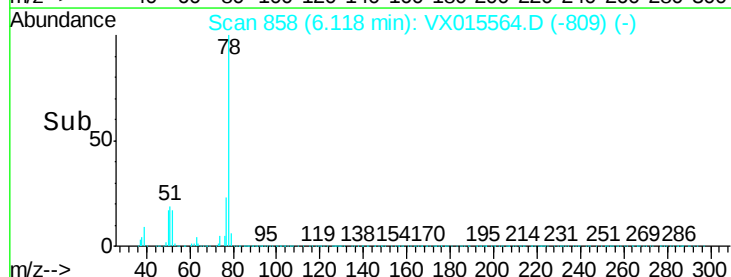
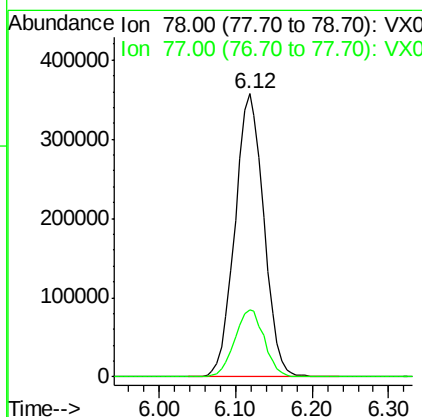
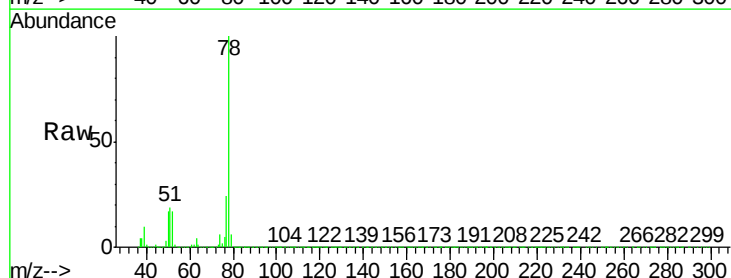
Manual Integrations
APPROVED

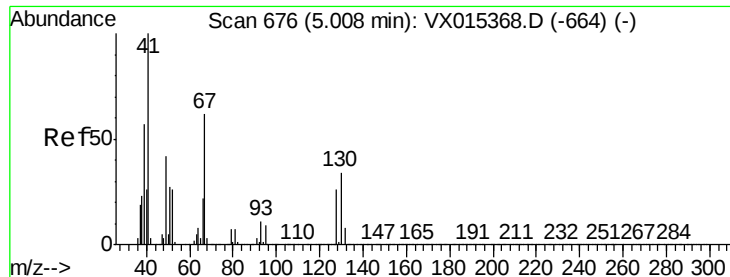
apatel
4/9/2020 9:54:47 AM



#40
Benzene
Concen: 20.088 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.8	29.8





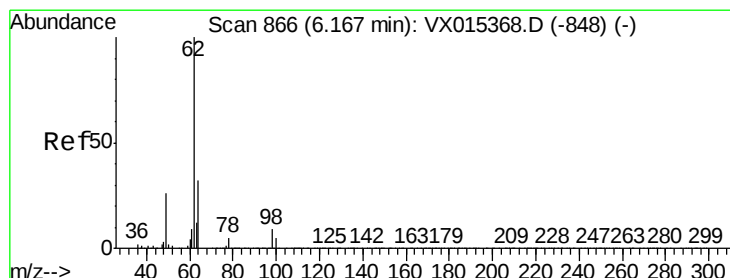
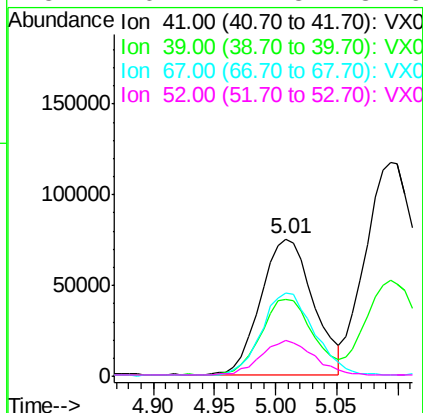
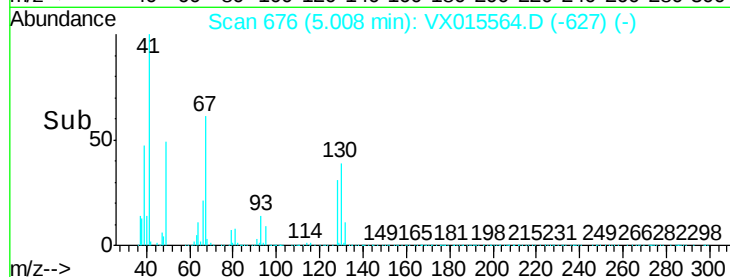
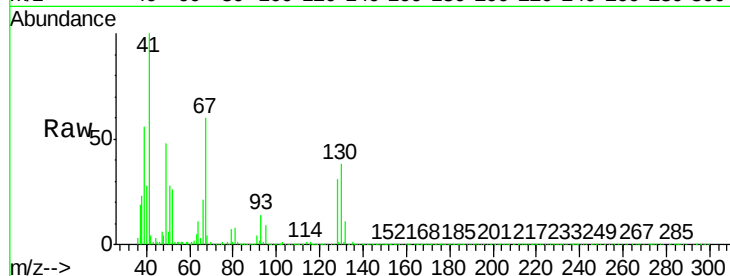
#41
Methacrylonitrile
Concen: 19.699 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	44.5	66.7	
67	60.8	48.9	73.3	
52	26.7	21.8	32.6	

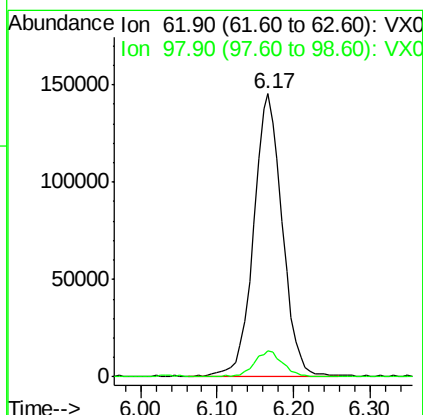
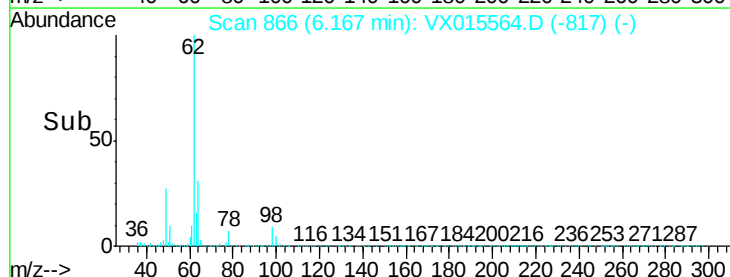
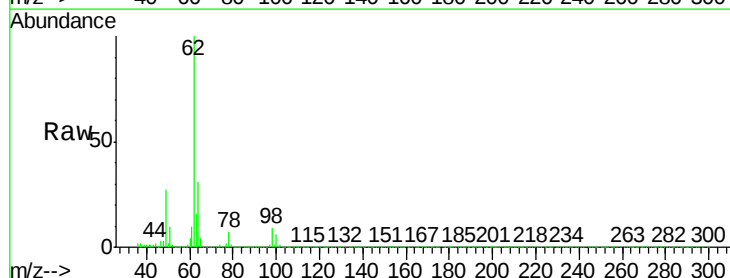
Manual Integrations
APPROVED

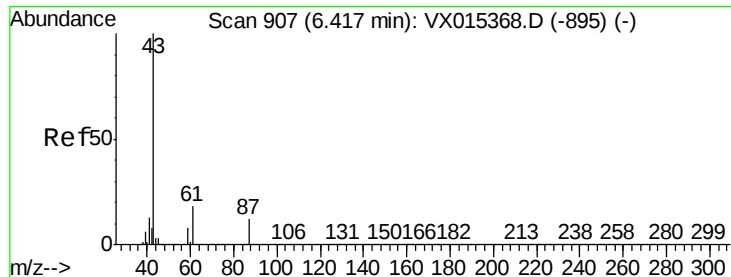
apatel
4/9/2020 9:54:47 AM



#42
1,2-Dichloroethane
Concen: 20.247 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	17.6	





#43

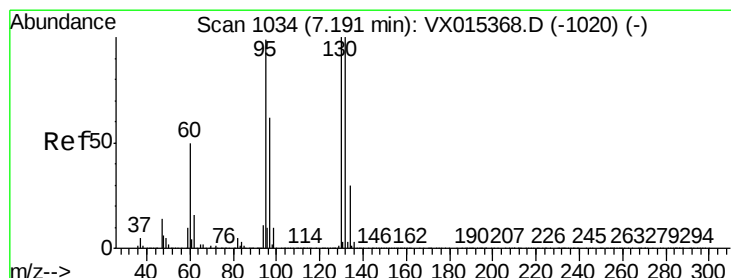
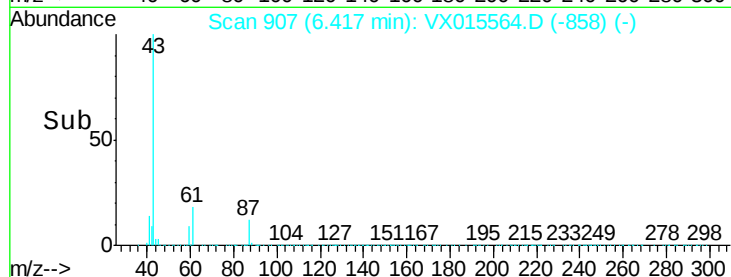
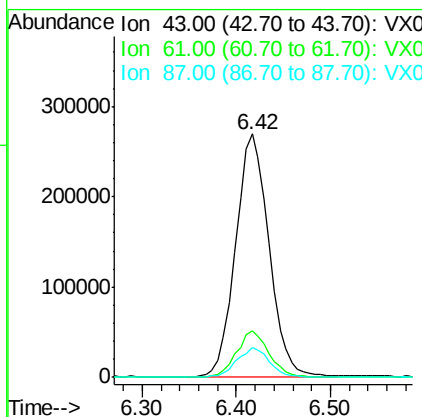
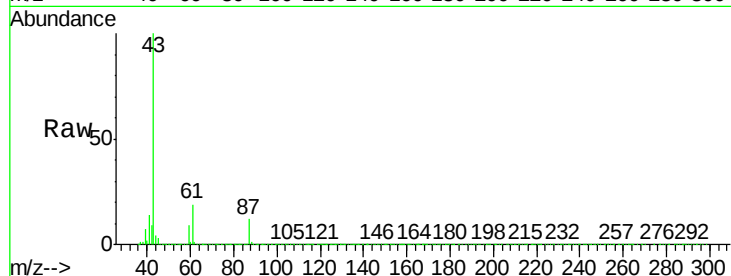
Isopropyl Acetate
 Concen: 19.006 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.8	22.2
87	11.9	9.4	14.0

Manual Integrations
 APPROVED

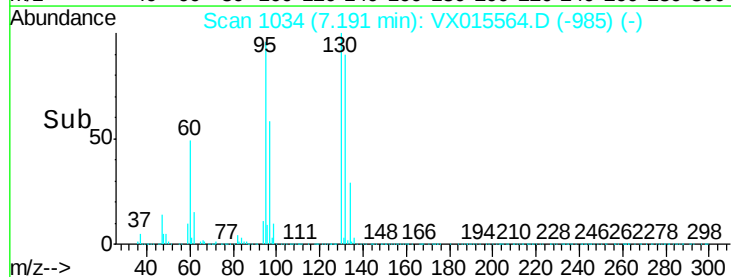
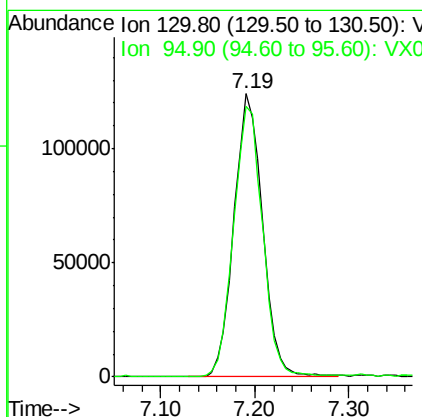
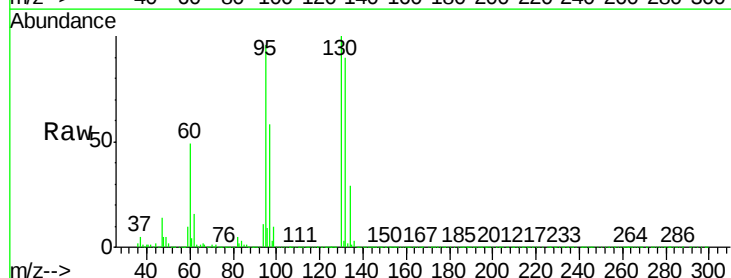
apatel
 4/9/2020 9:54:47 AM

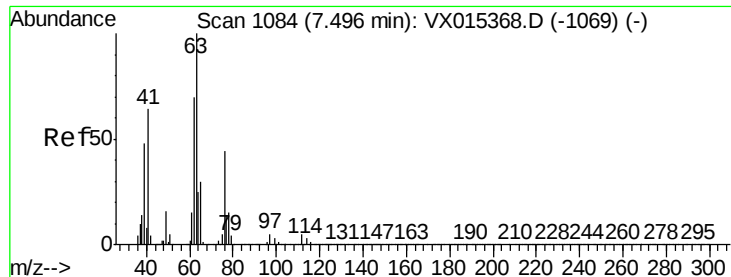


#44

Trichloroethene
 Concen: 20.682 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	199.0





#45

1,2-Dichloropropane

Concen: 19.738 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 63 Resp: 250788

Ion Ratio Lower Upper

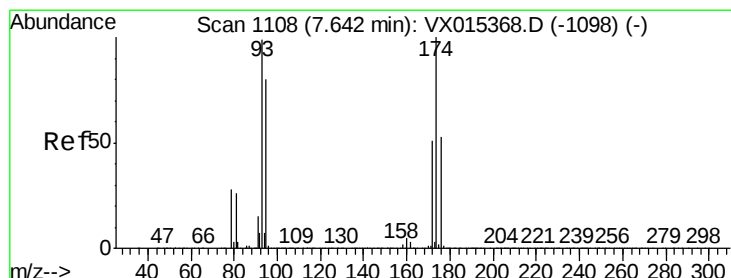
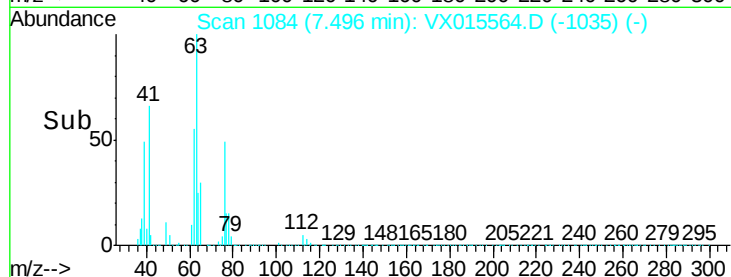
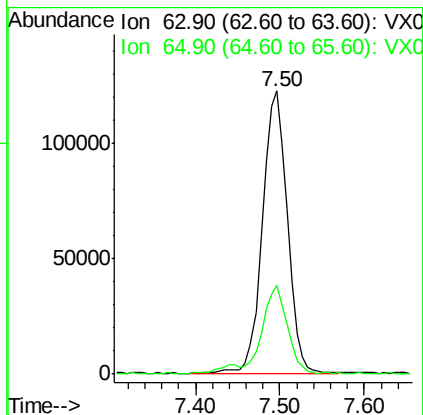
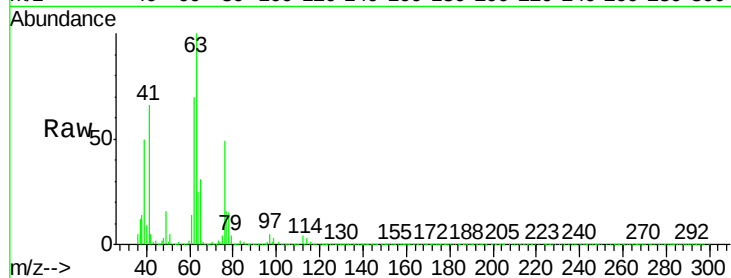
63 100

65 31.2 23.9 35.9

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:47 AM



#46

Dibromomethane

Concen: 19.727 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

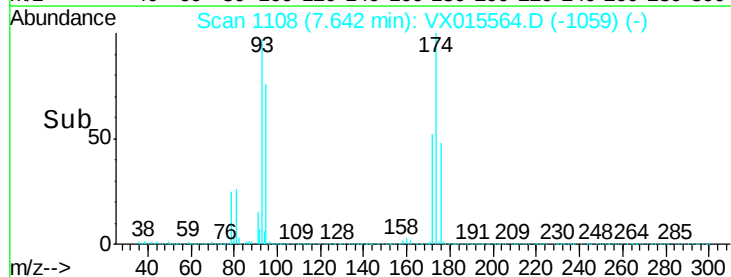
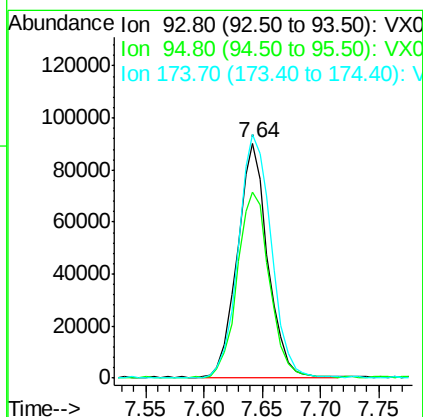
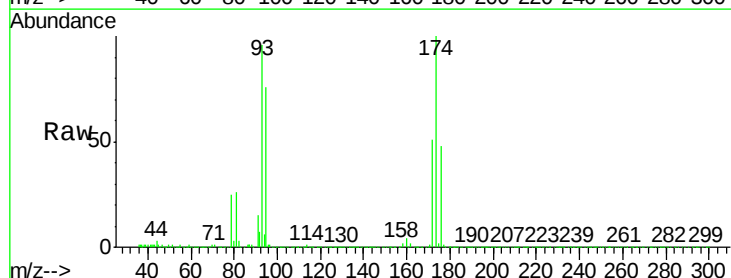
Tgt Ion: 93 Resp: 164414

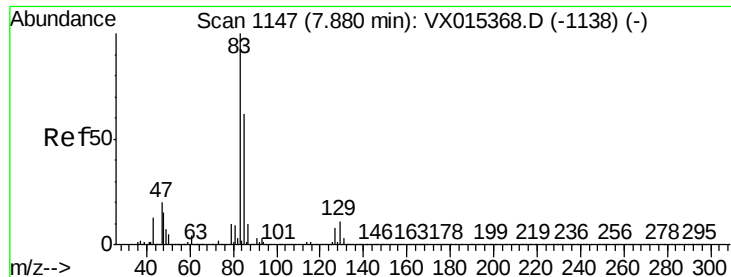
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 112.0 86.2 129.2





#47

Bromodichloromethane

Concen: 19.983 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

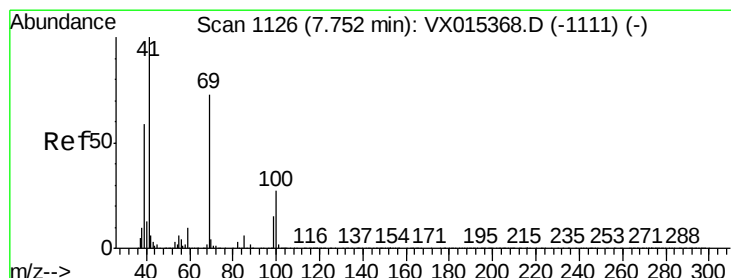
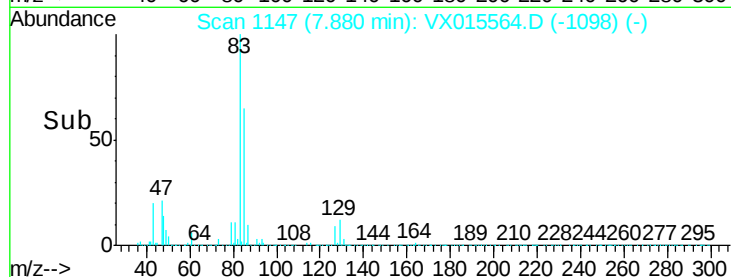
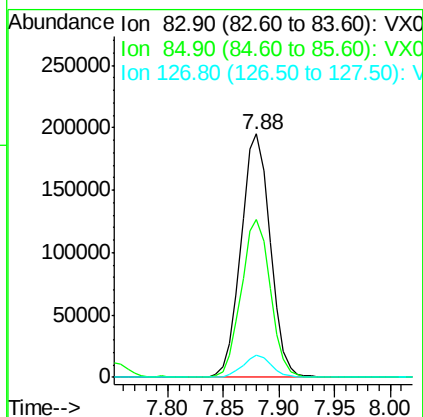
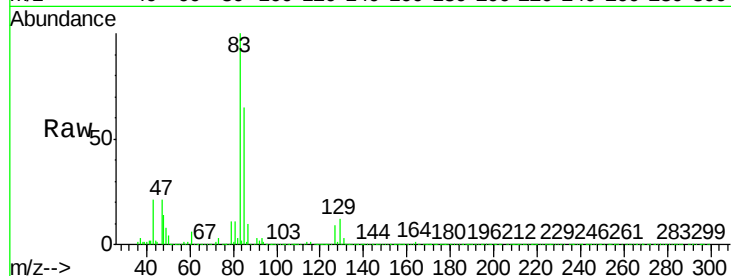
ClientSampleId :

VX0408WBSD01

Tot Ion:	83	Resp:	354892
Ion Ratio	Lower	Upper	
83	100		
85	64.6	49.7	74.5
127	9.1	6.7	10.1

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#48

Methyl methacrylate

Concen: 19.006 ug/l

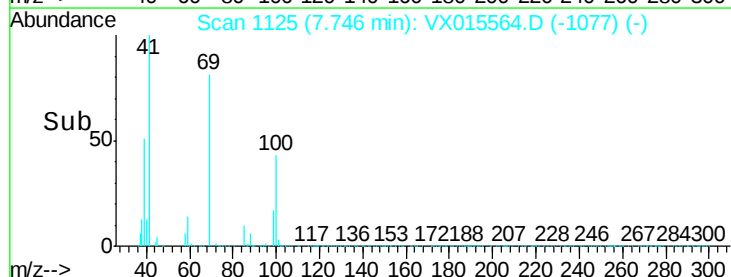
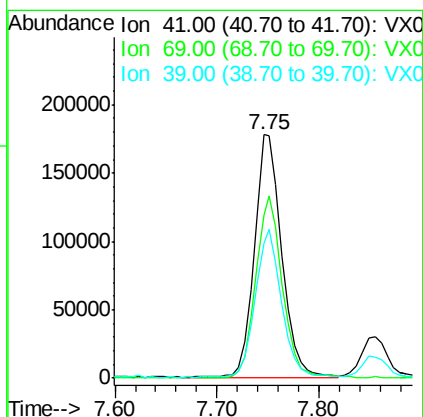
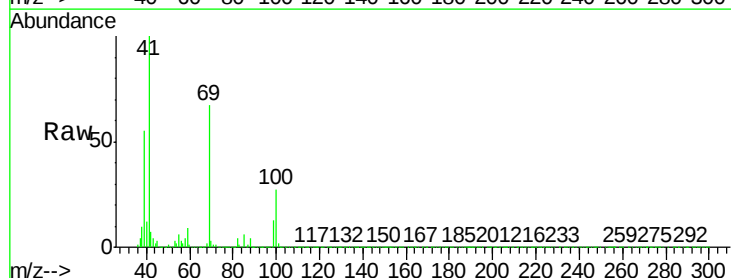
RT: 7.75 min Scan# 1125

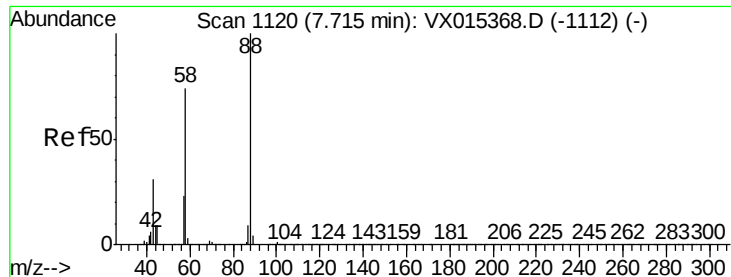
Delta R.T. -0.01 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion:	41	Resp:	330845
Ion Ratio	Lower	Upper	
41	100		
69	73.0	56.7	85.1
39	58.3	46.5	69.7





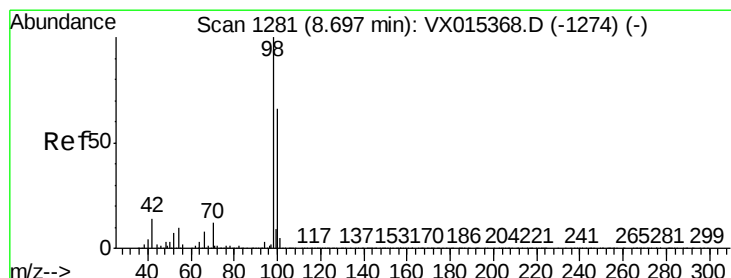
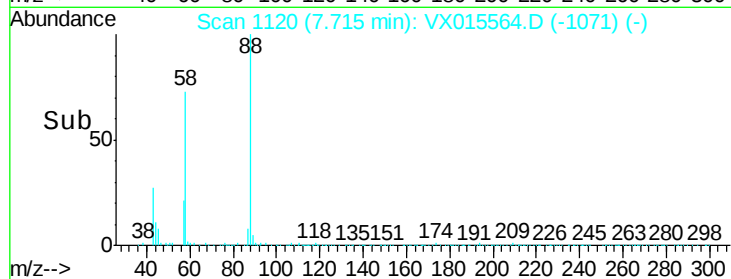
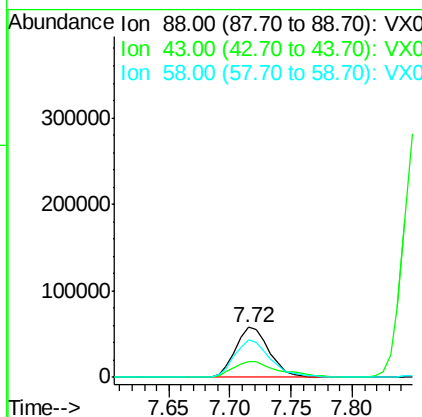
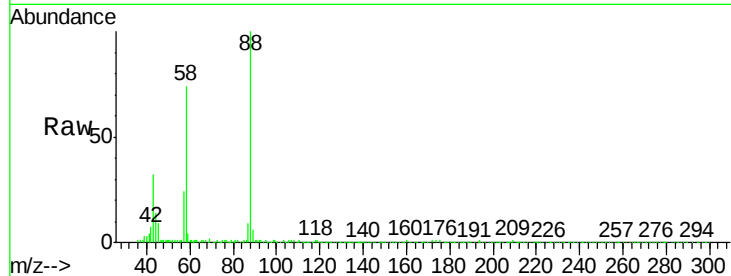
#49
1,4-Dioxane
Concen: 338.215 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	109833		
43	40.1		30.1	45.1
58	78.1		60.6	90.8

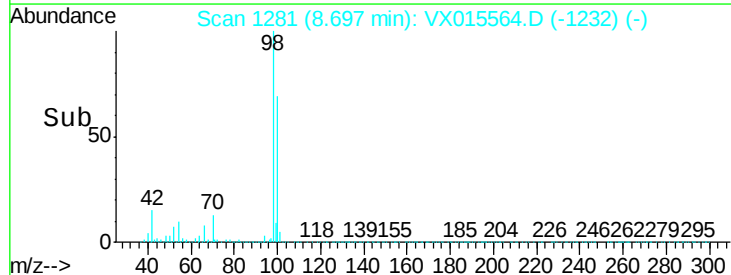
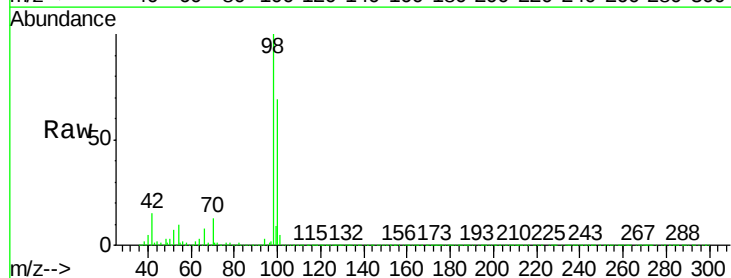
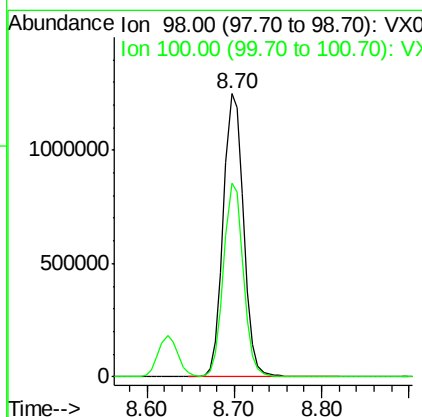
Manual Integrations
APPROVED

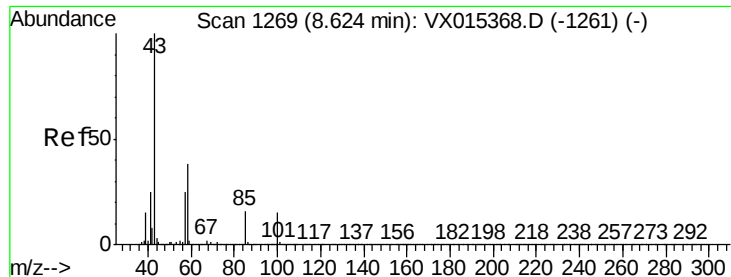
apatel
4/9/2020 9:54:47 AM



#50
Toluene-d8
Concen: 49.371 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1999507		
100	66.8		53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 99.050 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 43 Resp: 1956331

Ion Ratio Lower Upper

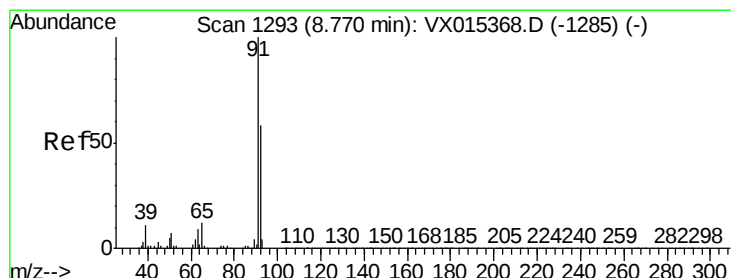
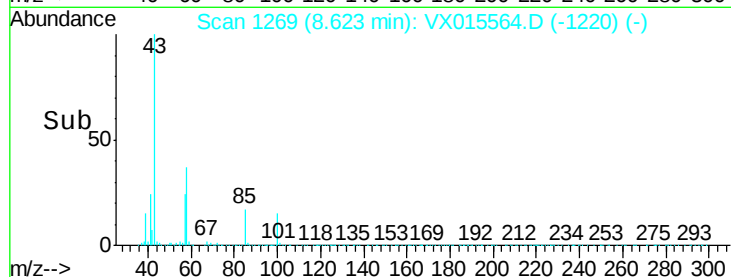
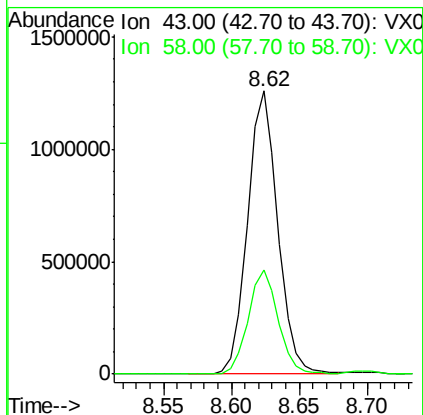
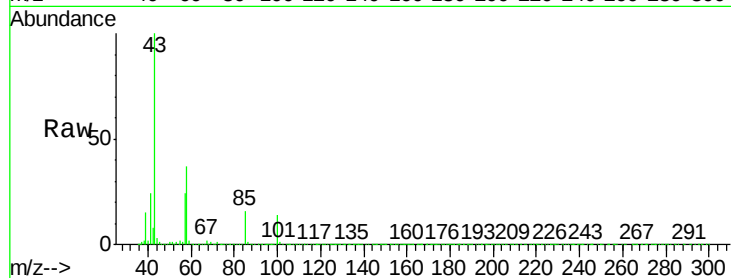
43 100

58 36.6 29.7 44.5

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:47 AM



#52

Toluene

Concen: 20.511 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015564.D

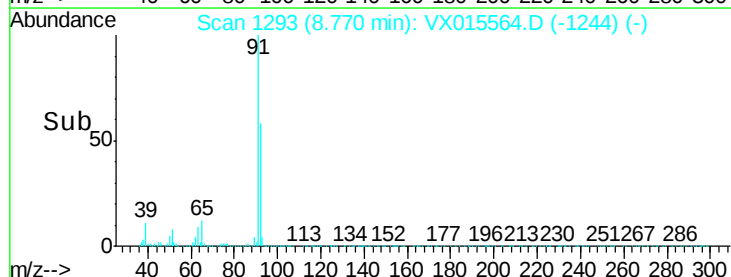
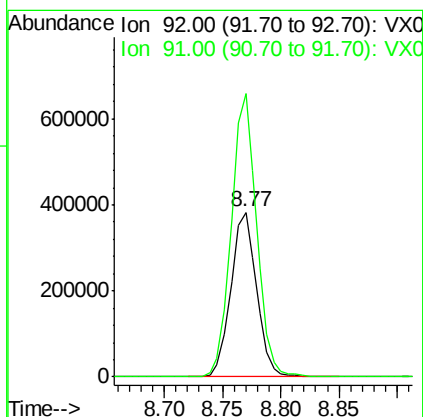
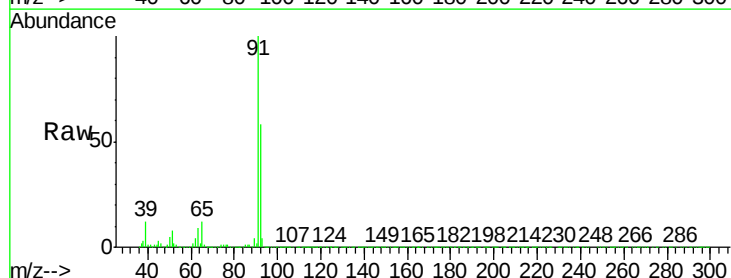
Acq: 08 Apr 2020 13:23

Tgt Ion: 92 Resp: 587325

Ion Ratio Lower Upper

92 100

91 169.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.313 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 75 Resp: 402258

Ion Ratio Lower Upper

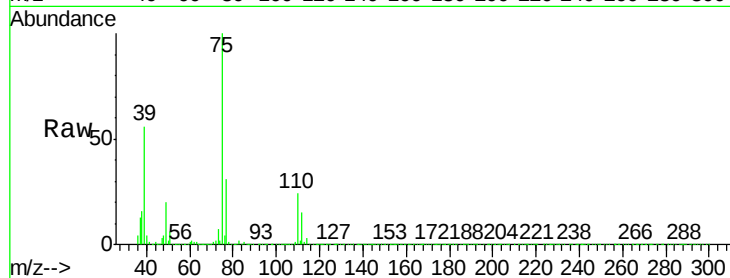
75 100

77 31.1 24.1 36.1

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:47 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

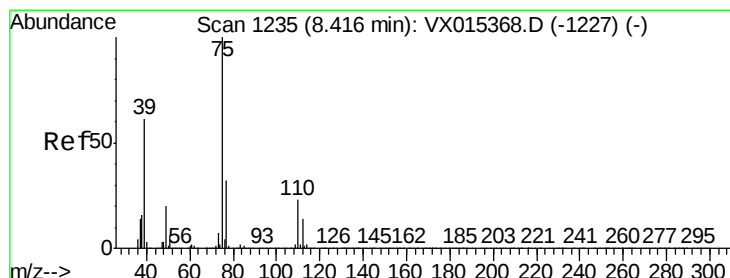
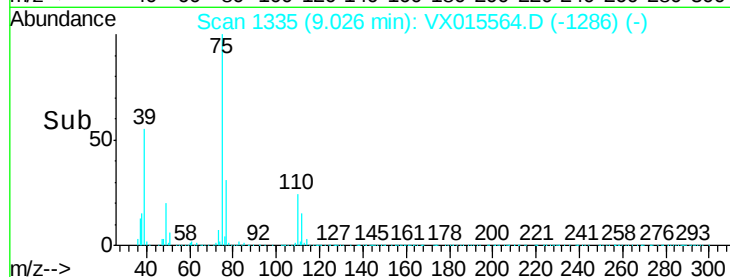
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.832 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

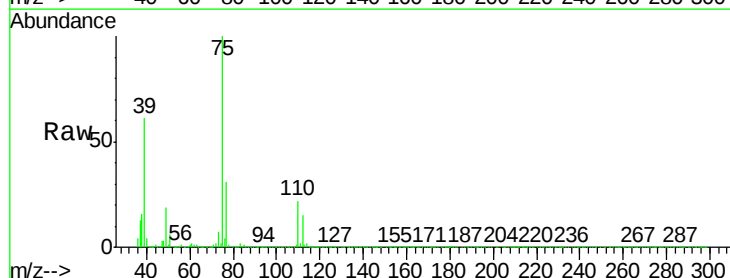
Tgt Ion: 75 Resp: 420778

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

39 61.2 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

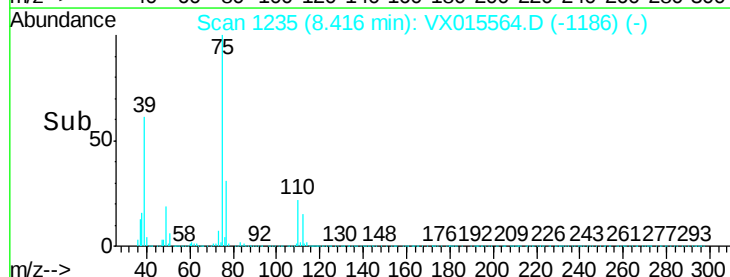
300000

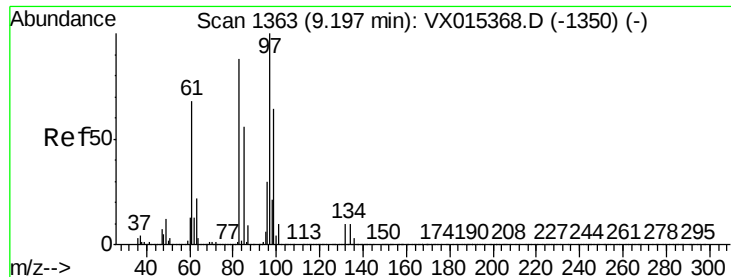
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.272 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

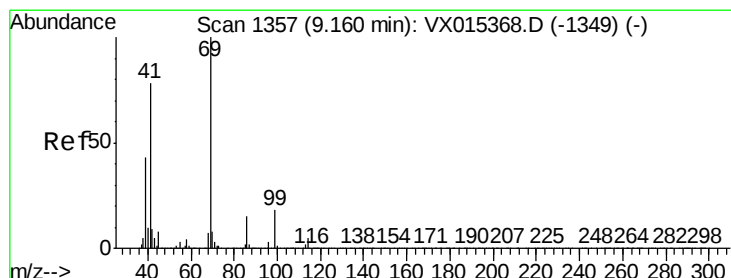
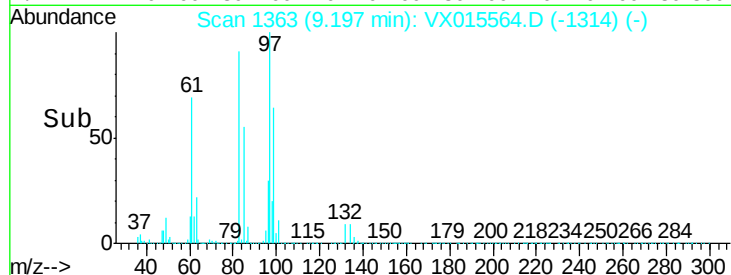
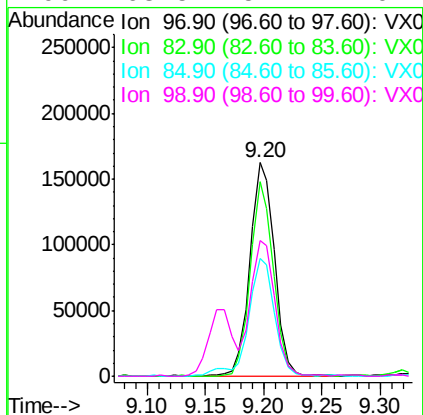
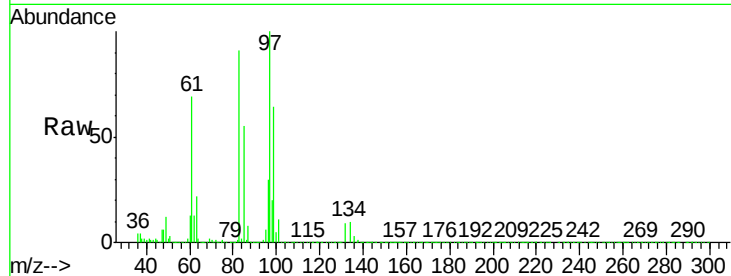
ClientSampleId :

VX0408WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		237828		
83	90.8	70.2	105.4		
85	55.0	44.7	67.1		
99	63.5	51.1	76.7		

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#56

Ethyl methacrylate

Concen: 19.614 ug/l

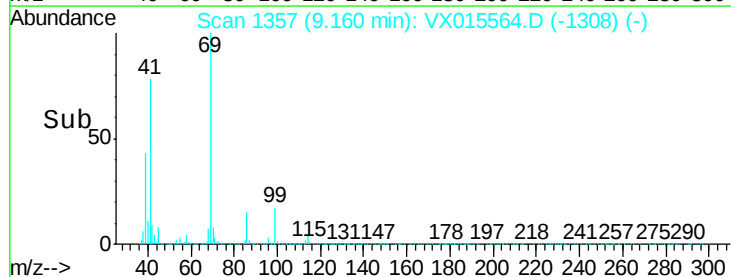
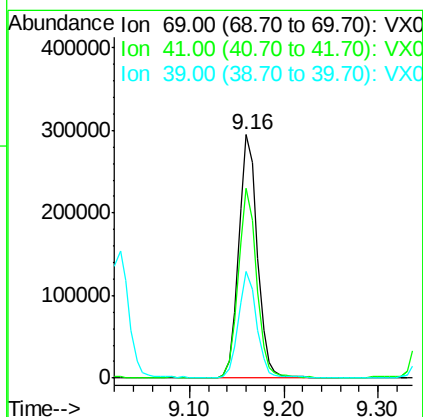
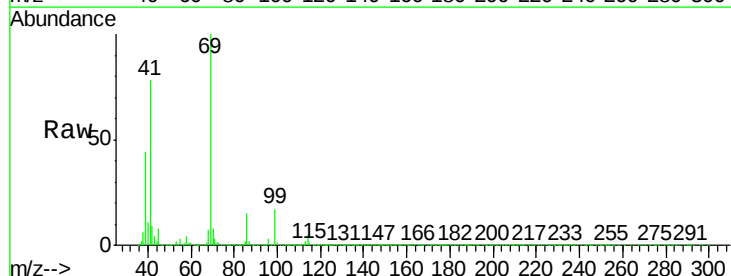
RT: 9.16 min Scan# 1357

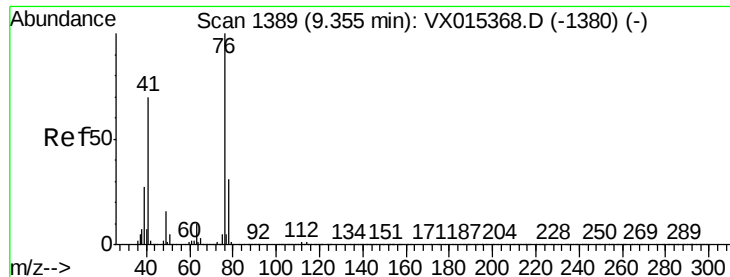
Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		405537		
41	76.0	61.6	92.4		
39	42.4	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 19.733 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 76 Resp: 417108

Ion Ratio Lower Upper

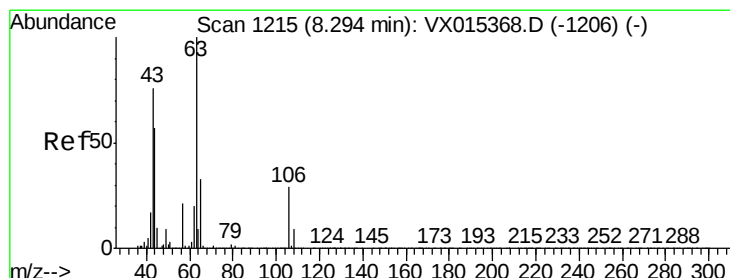
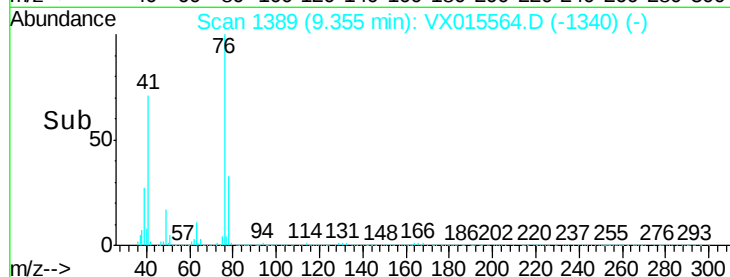
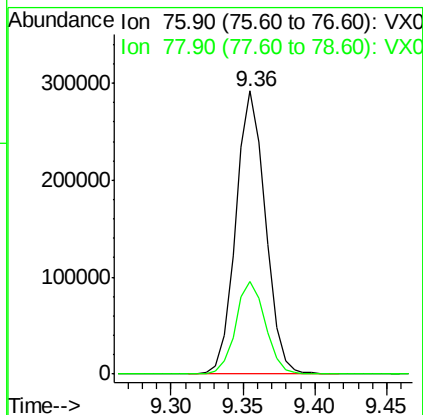
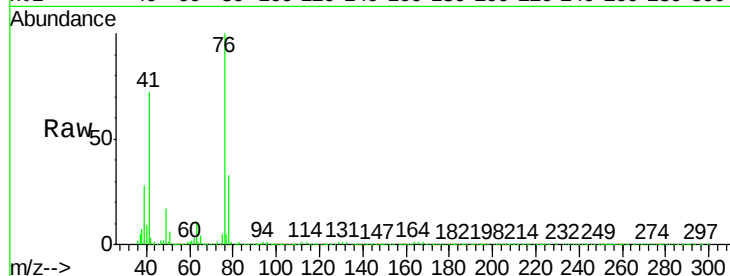
76 100

78 32.7 25.8 38.8

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:47 AM



#58

2-Chloroethyl Vinyl ether

Concen: 99.758 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015564.D

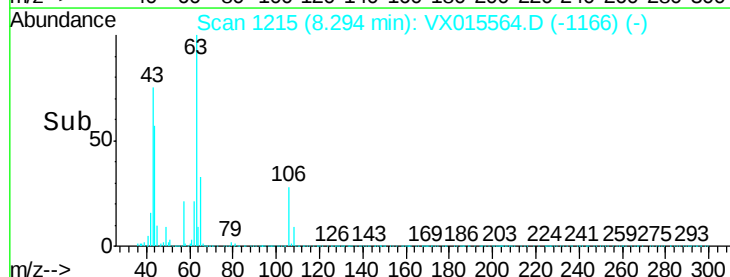
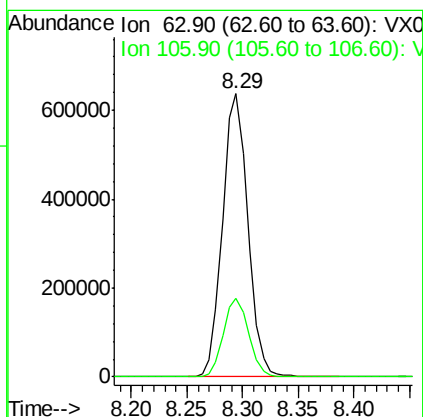
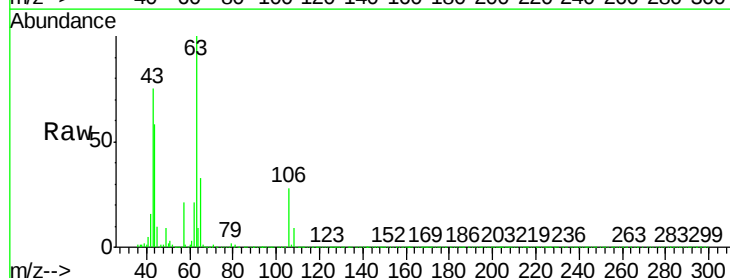
Acq: 08 Apr 2020 13:23

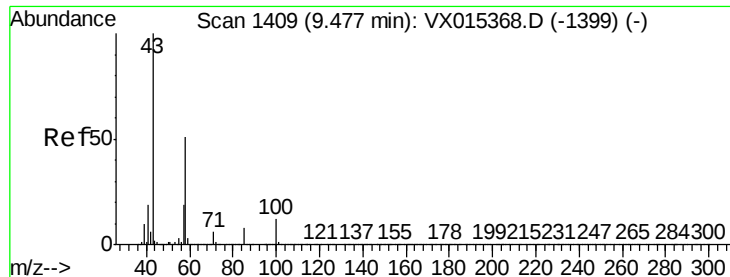
Tgt Ion: 63 Resp: 1003255

Ion Ratio Lower Upper

63 100

106 27.9 22.7 34.1





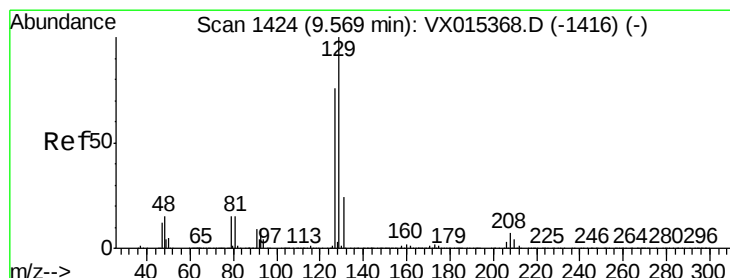
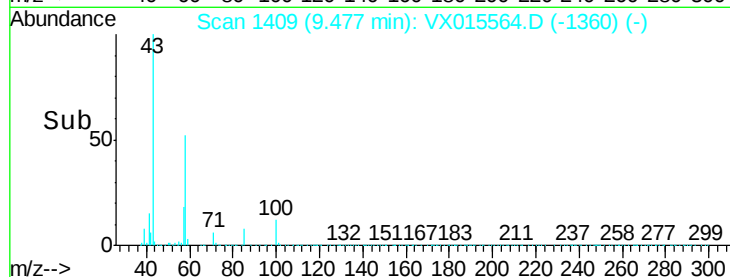
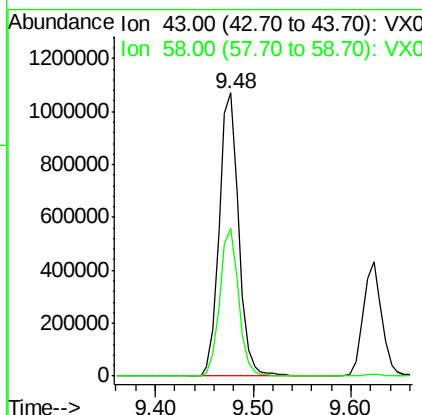
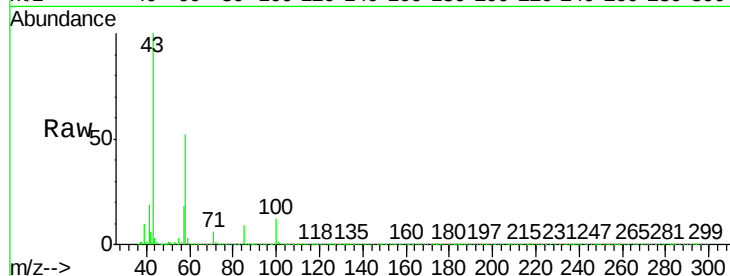
#59
2-Hexanone
Concen: 98.780 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion: 43 Resp: 1472956
Ion Ratio Lower Upper
43 100
58 50.7 25.6 76.6

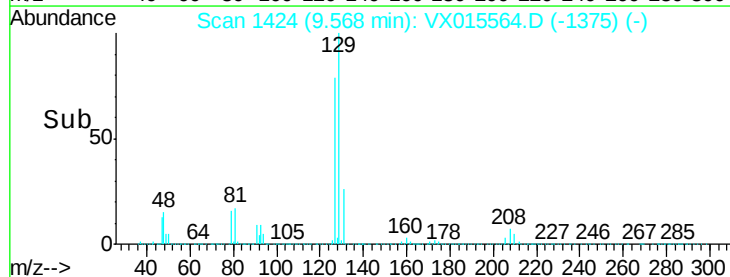
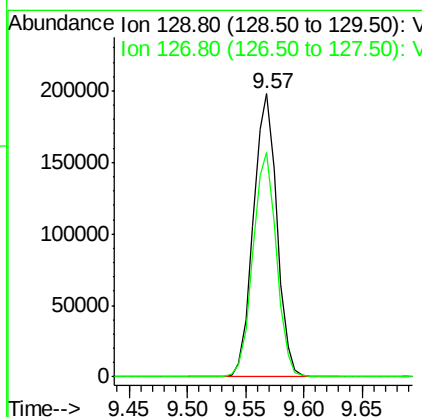
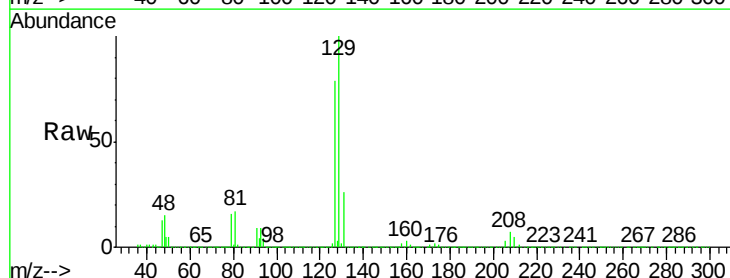
Manual Integrations
APPROVED

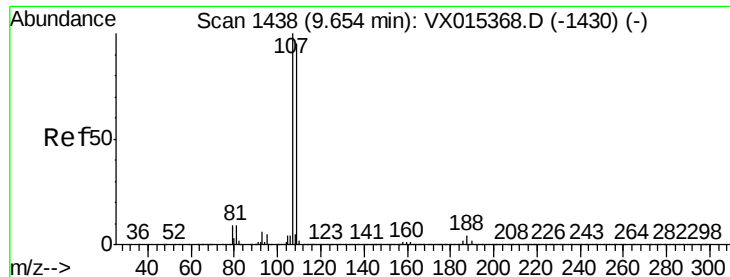
apatel
4/9/2020 9:54:47 AM



#60
Dibromochloromethane
Concen: 19.857 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion: 129 Resp: 279931
Ion Ratio Lower Upper
129 100
127 79.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.654 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 107 Resp: 250723

Ion Ratio Lower Upper

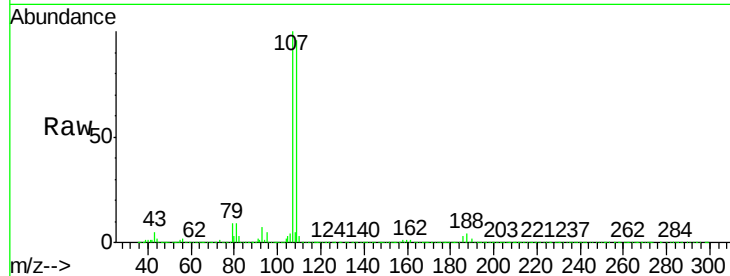
107 100

109 98.2 74.8 112.2

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:47 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

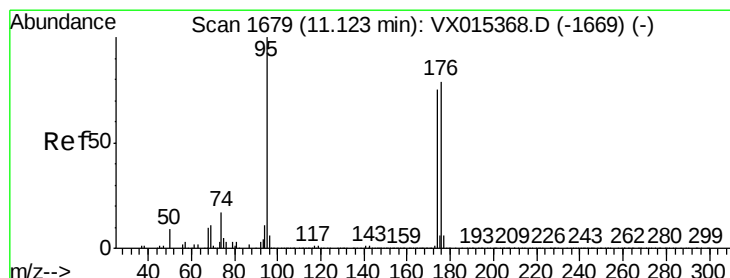
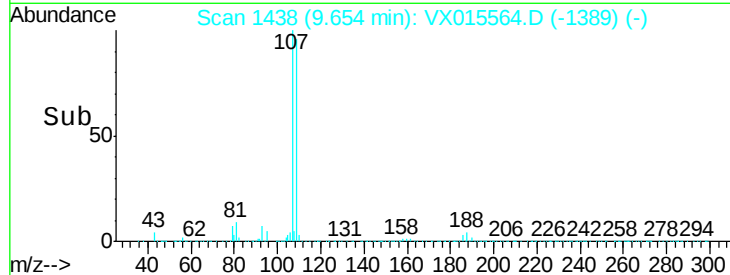
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.266 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

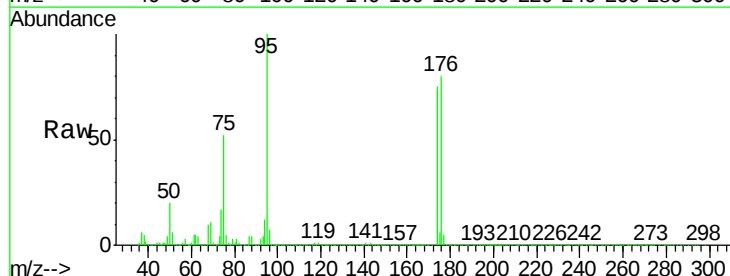
Tgt Ion: 95 Resp: 827336

Ion Ratio Lower Upper

95 100

174 82.4 0.0 158.6

176 80.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

800000

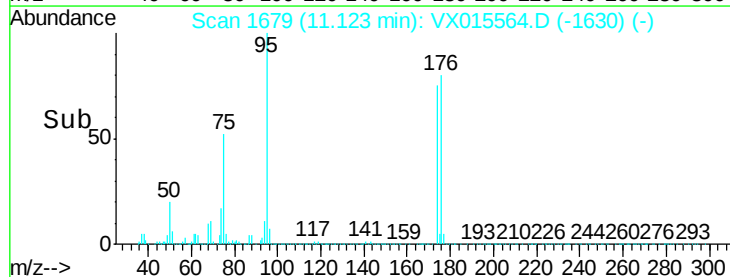
600000

400000

200000

0

Time-->





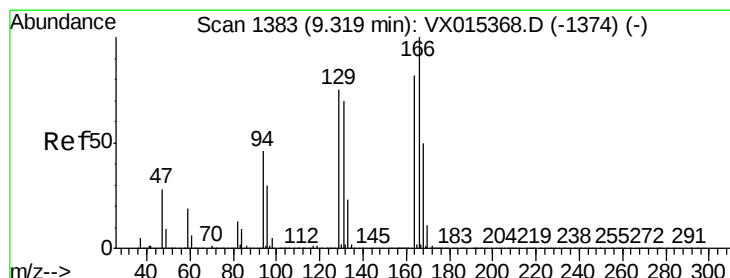
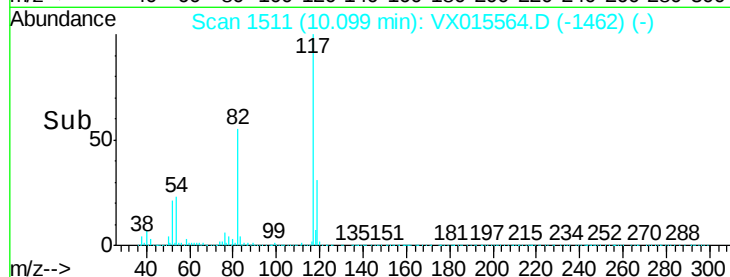
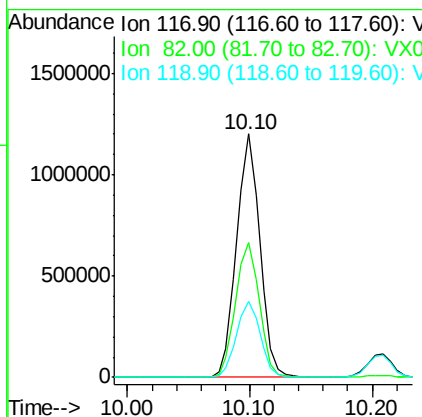
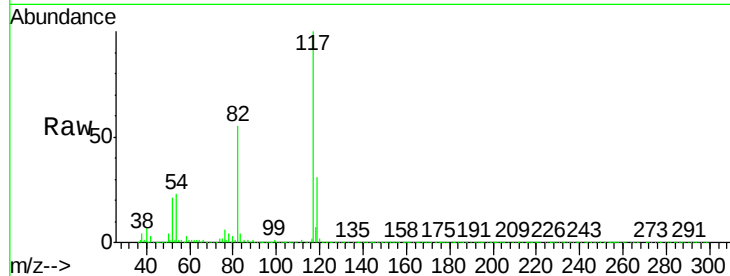
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	47.8	71.8
119	31.0	26.8	40.2

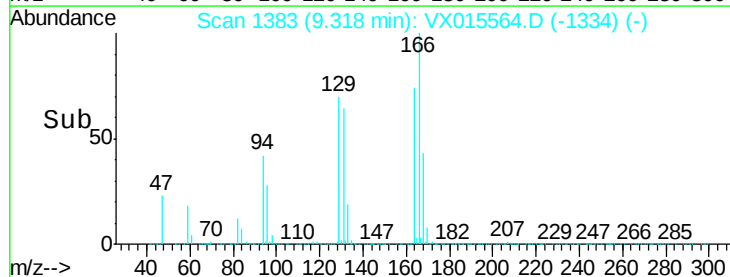
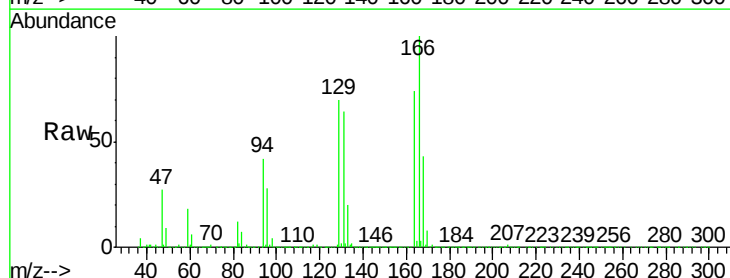
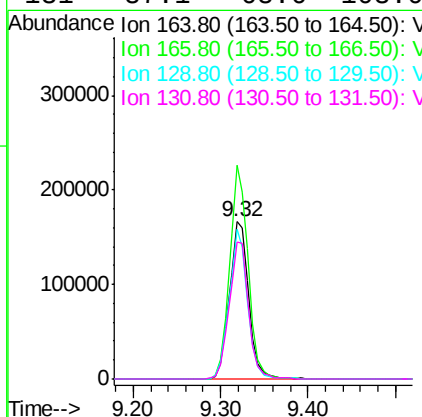
Manual Integrations
APPROVED

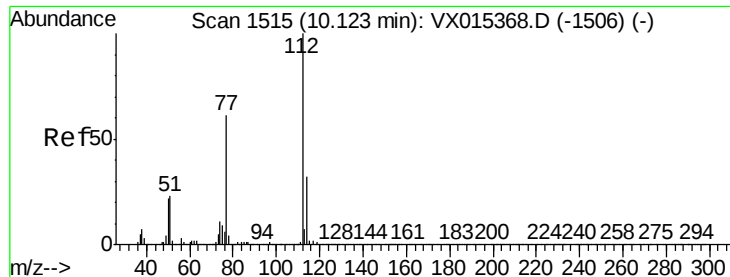
apatel
4/9/2020 9:54:47 AM



#64
Tetrachloroethene
Concen: 21.435 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.7	97.8	146.6
129	95.4	73.0	109.4
131	87.1	68.6	103.0





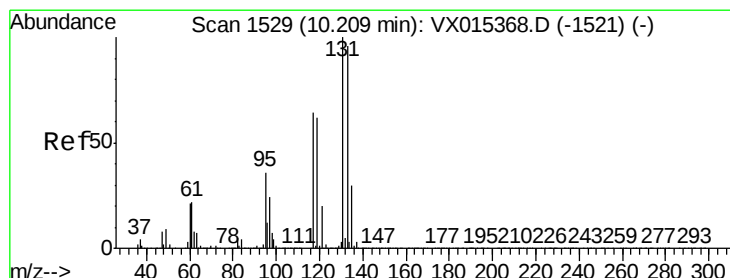
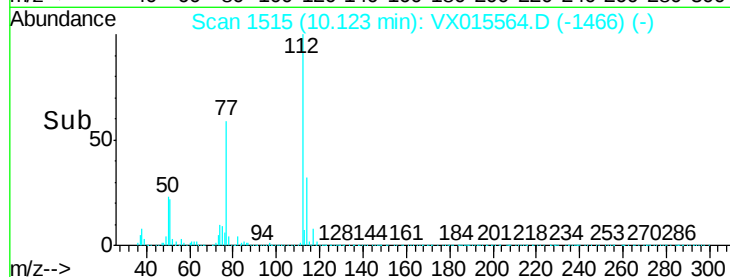
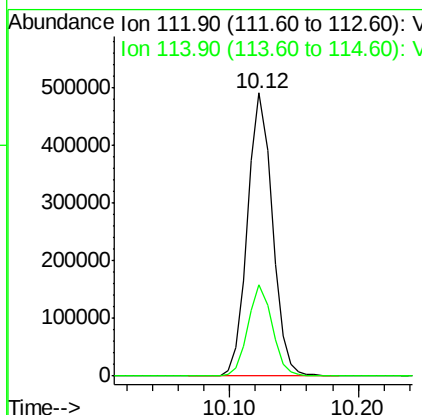
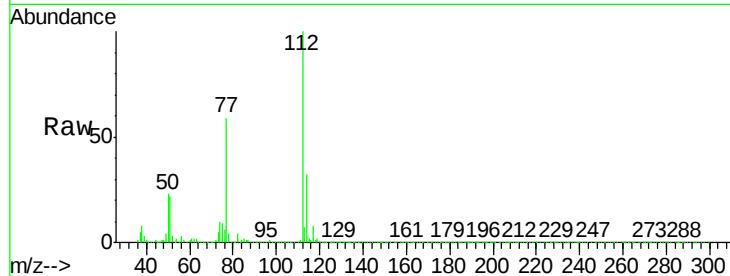
#65
Chlorobenzene
Concen: 20.783 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.5	38.3

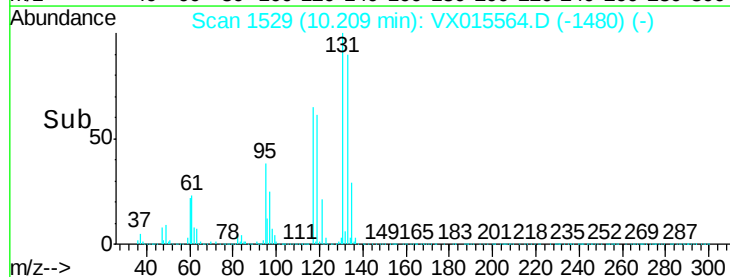
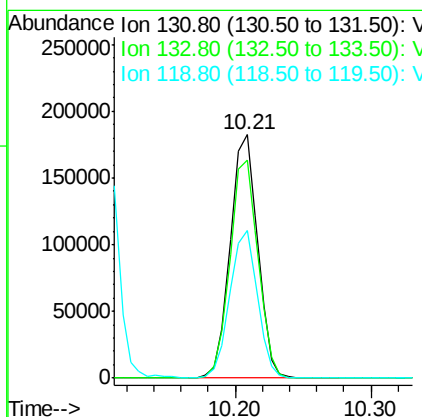
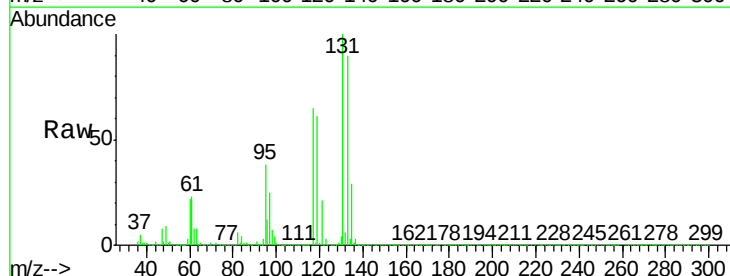
Manual Integrations
APPROVED

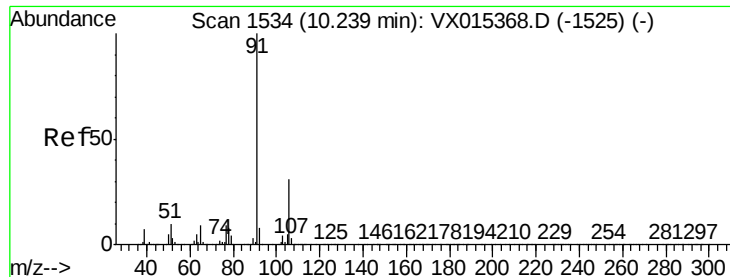
apatel
4/9/2020 9:54:47 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.366 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.0	47.6	142.9
119	60.6	31.1	93.3





#67

Ethyl Benzene

Concen: 20.885 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 91 Resp: 1164668

Ion Ratio Lower Upper

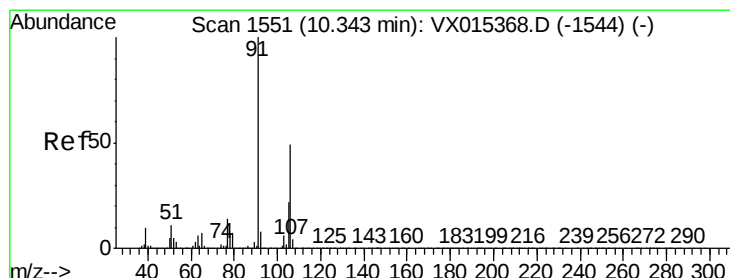
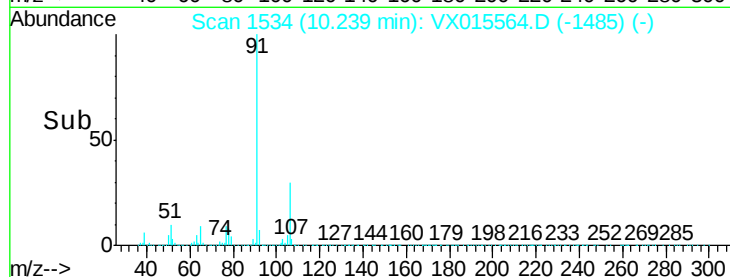
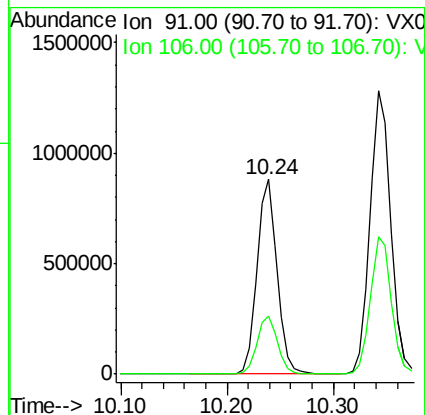
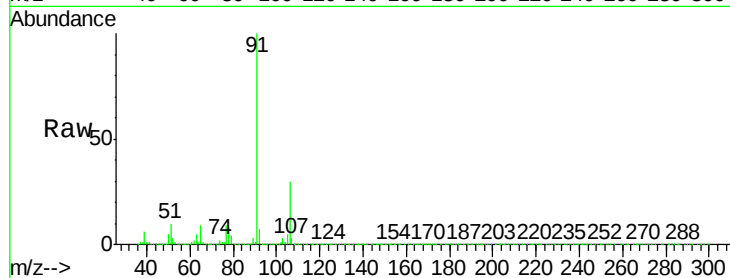
91 100

106 30.0 24.8 37.2

Manual Integrations
APPROVED

apatel

4/9/2020 9:54:47 AM



#68

m/p-Xylenes

Concen: 41.434 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015564.D

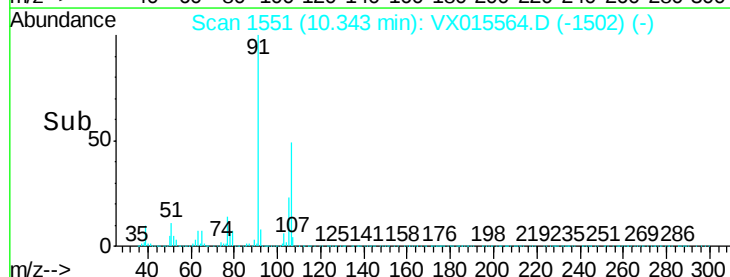
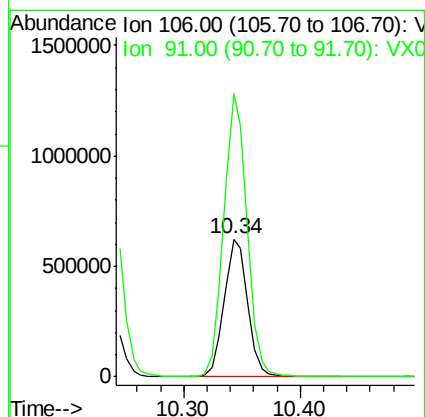
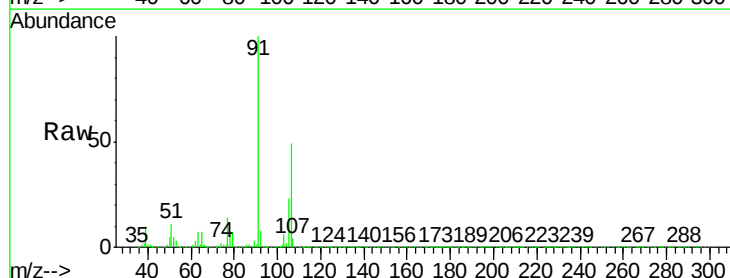
Acq: 08 Apr 2020 13:23

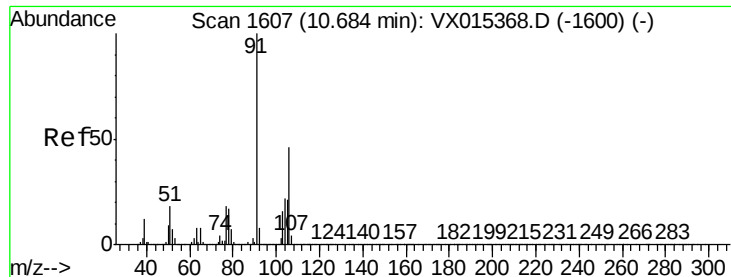
Tgt Ion: 106 Resp: 860391

Ion Ratio Lower Upper

106 100

91 204.5 163.4 245.0





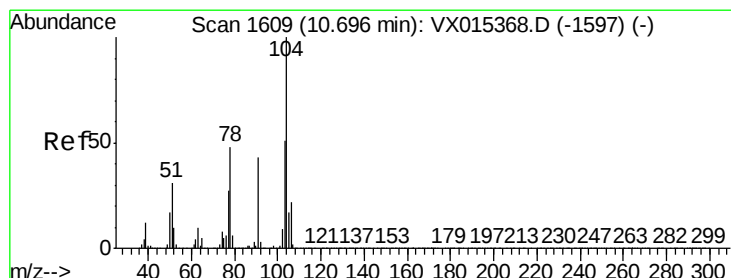
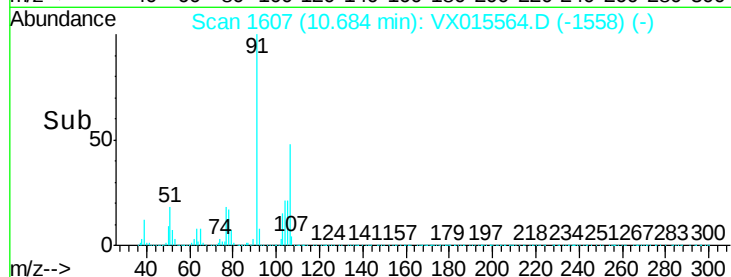
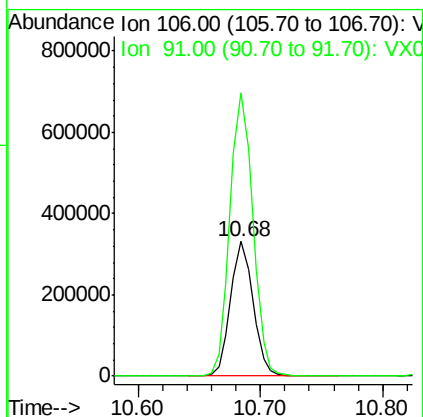
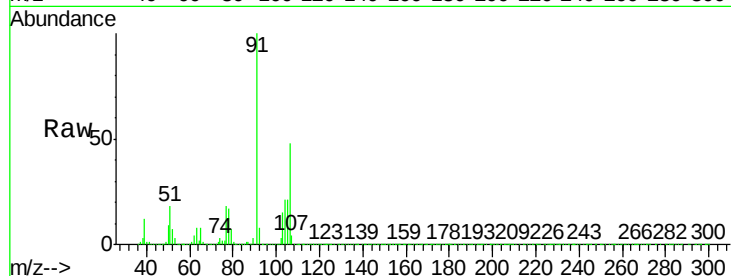
#69
o-Xylene
Concen: 20.522 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	421104		
91	215.3	107.1	321.3	

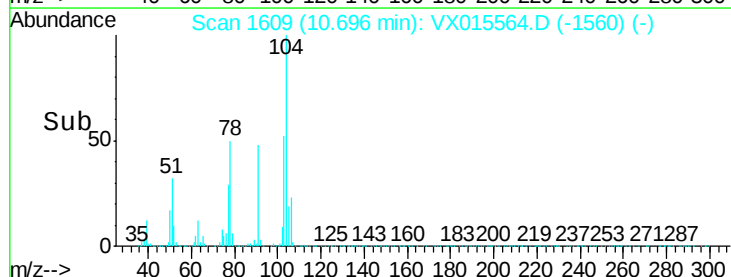
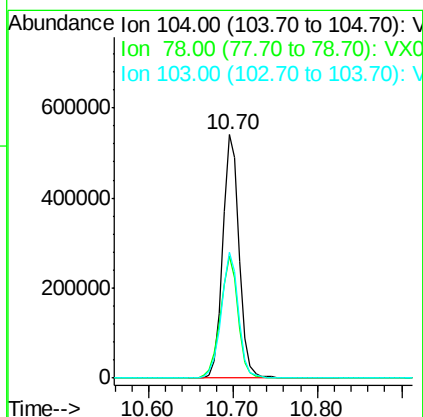
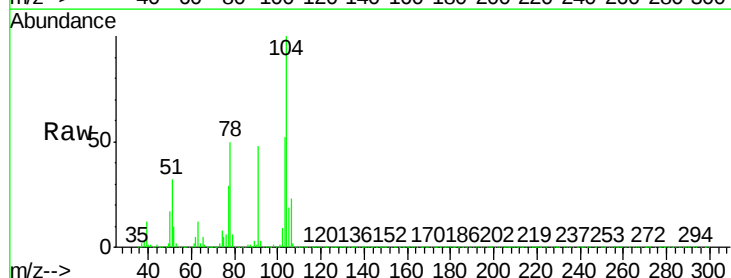
Manual Integrations
APPROVED

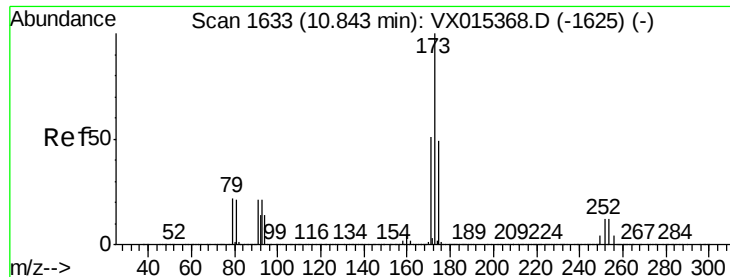
apatel
4/9/2020 9:54:47 AM



#70
Styrene
Concen: 20.225 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	730281		
78	53.5	42.0	63.0	
103	54.4	43.4	65.0	





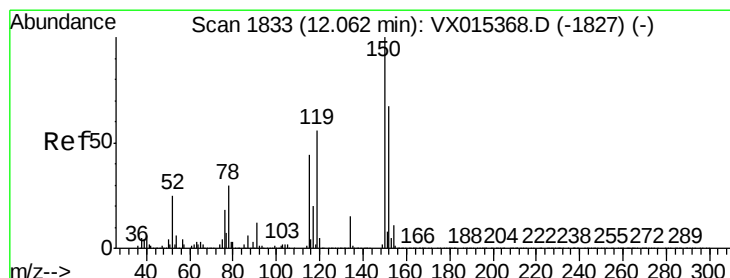
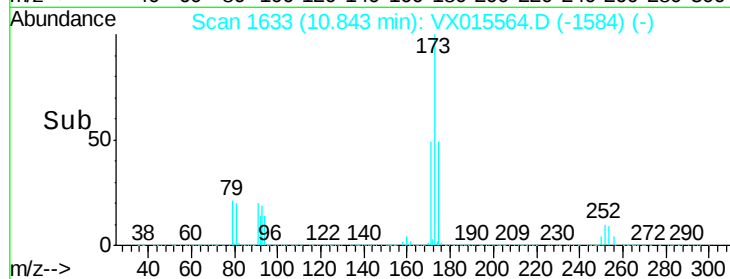
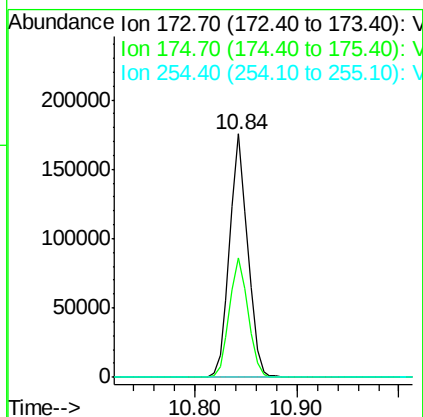
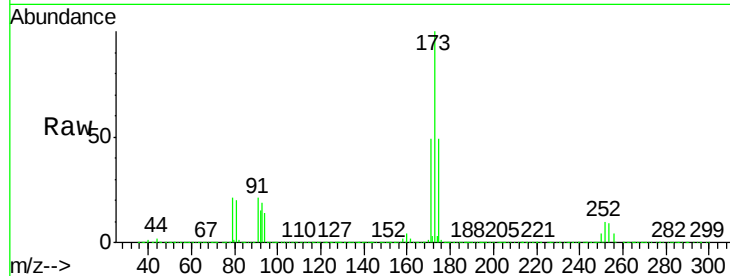
#71
Bromoform
Concen: 18.740 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	23.9	71.7
254	0.2	0.1	0.1#

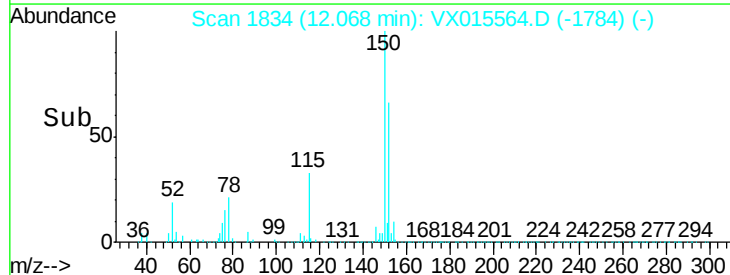
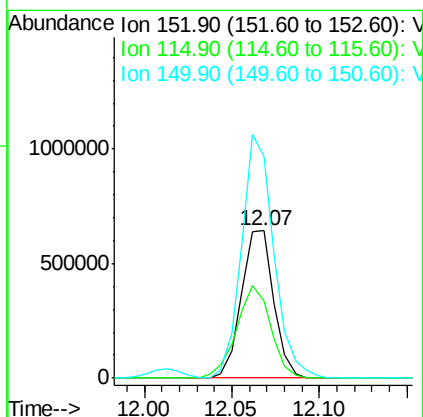
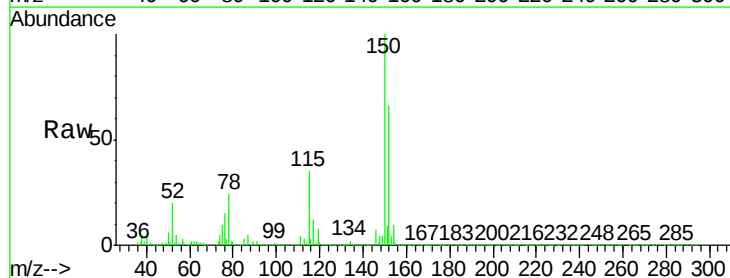
Manual Integrations
APPROVED

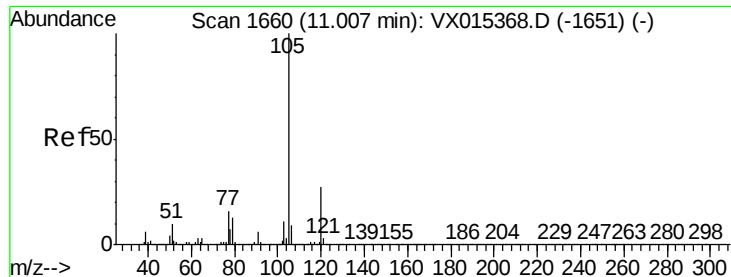
apatel
4/9/2020 9:54:47 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	39.0	116.9
150	164.5	0.0	340.8





#73

Isopropylbenzene

Concen: 20.772 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 105 Resp: 1127122

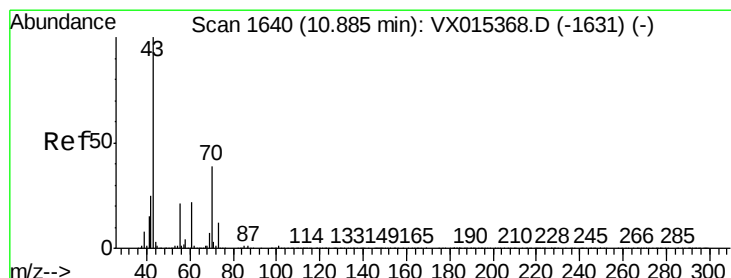
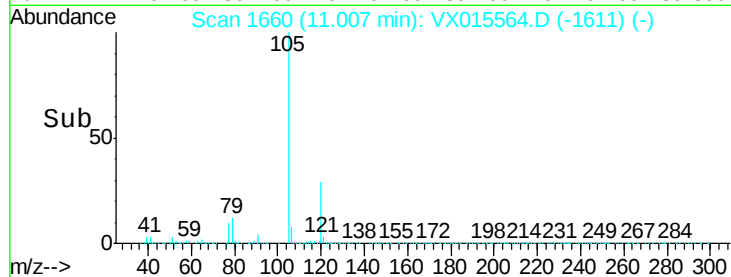
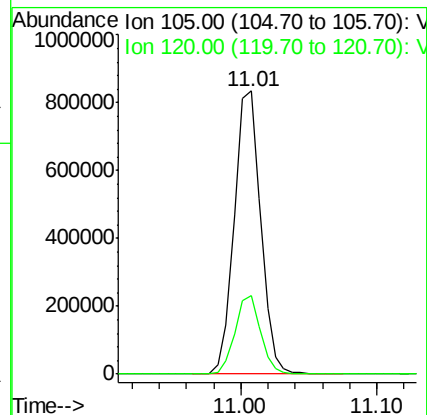
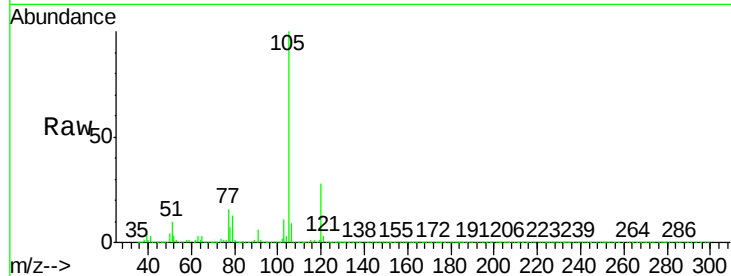
Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#74

N-ethyl acetate

Concen: 19.039 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion: 43 Resp: 574598

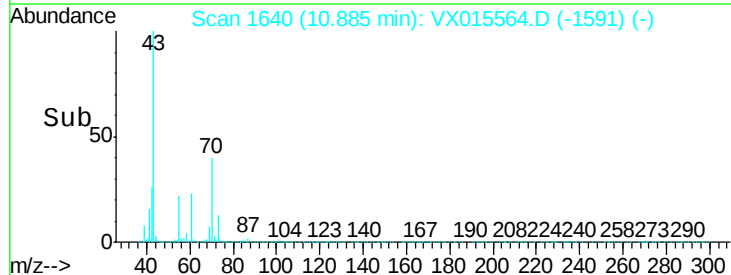
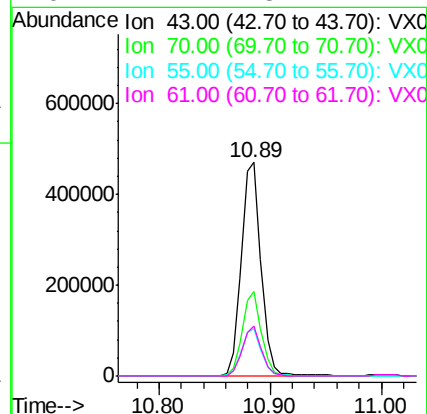
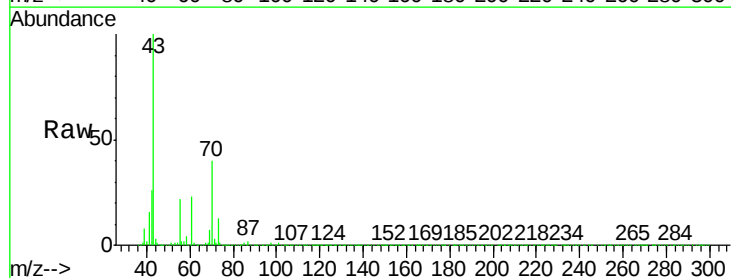
Ion Ratio Lower Upper

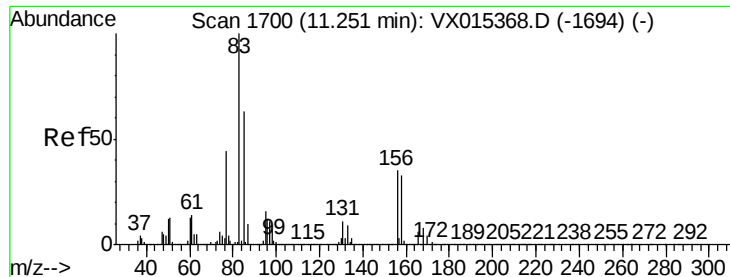
43 100

70 37.9 30.2 45.4

55 22.0 16.8 25.2

61 22.4 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.208 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

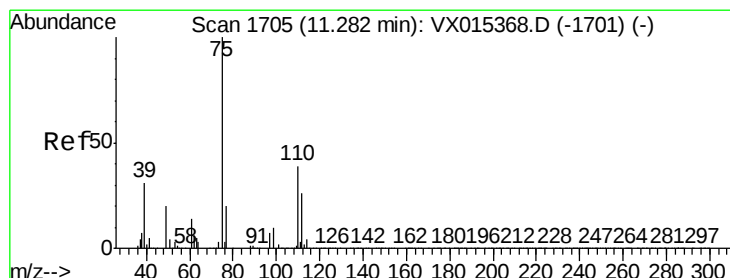
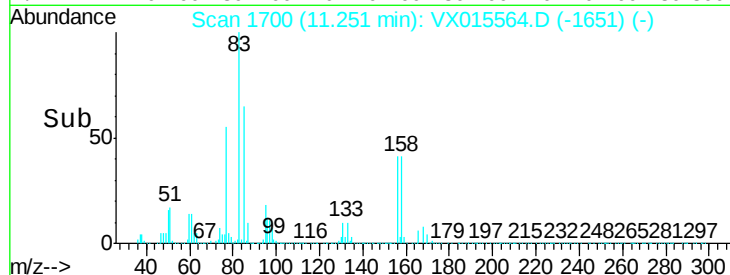
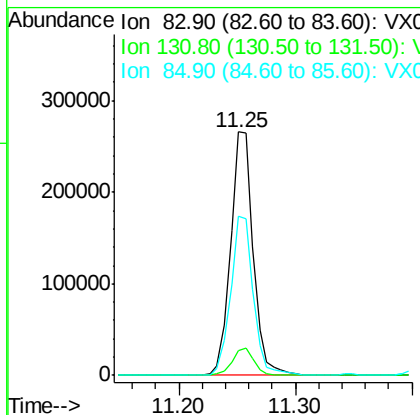
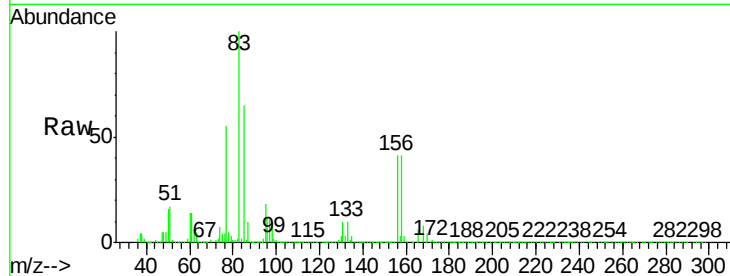
ClientSampled :

VX0408WBSD01

Tot Ion:	83	Resp:	357651
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	66.0	32.0	96.0

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#76

1,2,3-Trichloropropane

Concen: 19.471 ug/l m

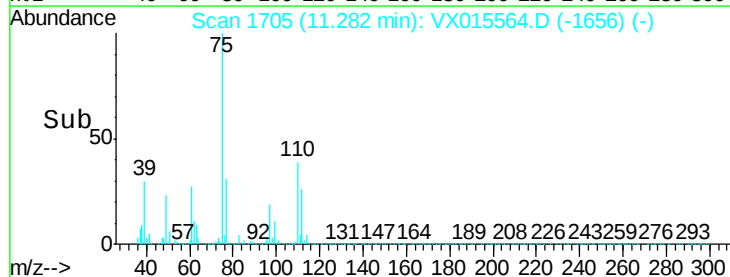
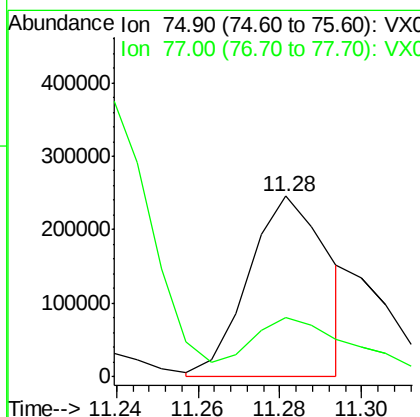
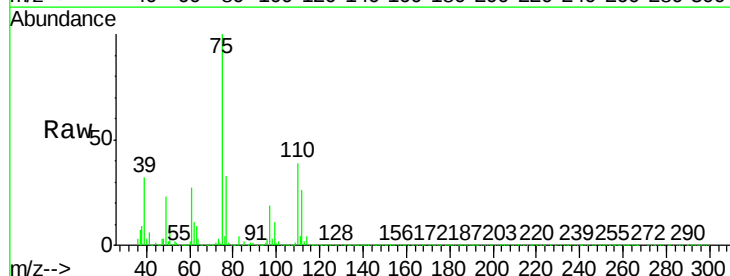
RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion:	75	Resp:	331594
Ion Ratio	Lower	Upper	
75	100		
77	42.5	21.2	63.6





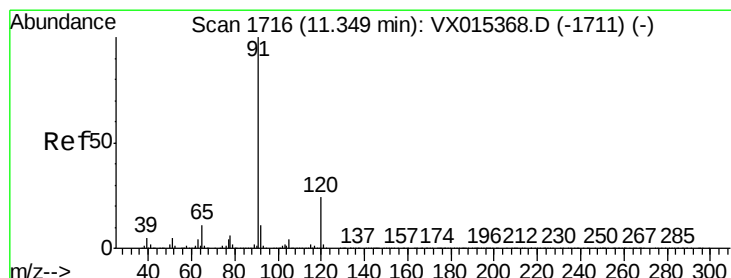
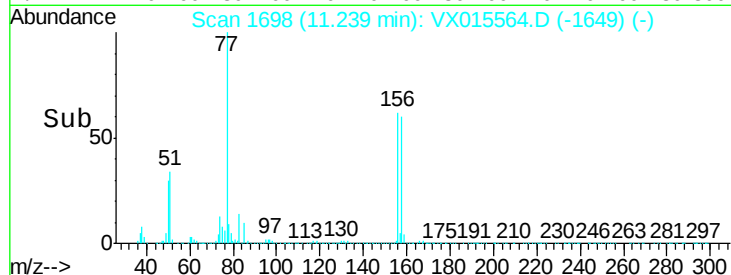
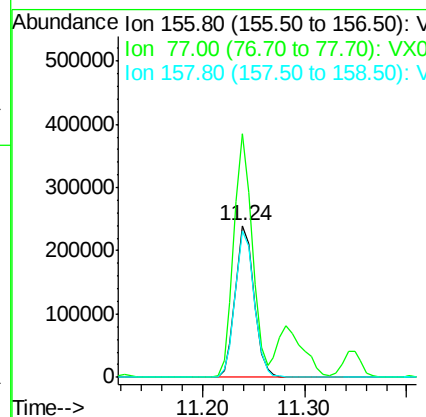
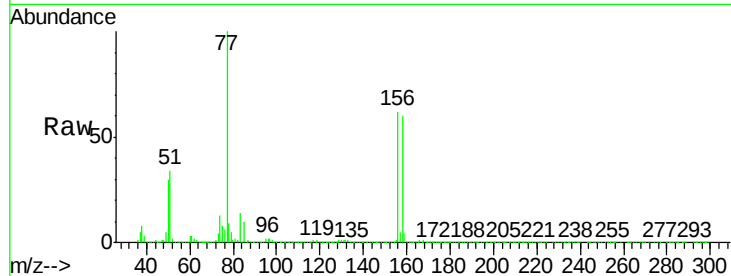
#77
Bromobenzene
Concen: 21.006 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.2	82.2	246.5
158	97.5	49.3	147.9

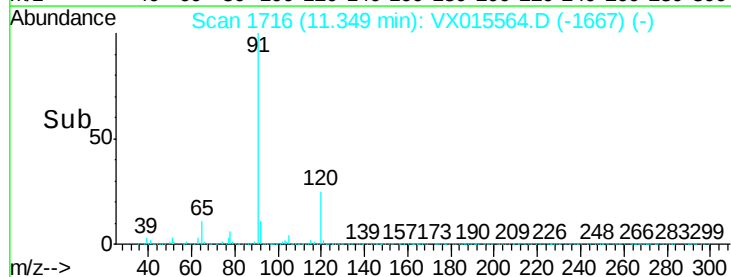
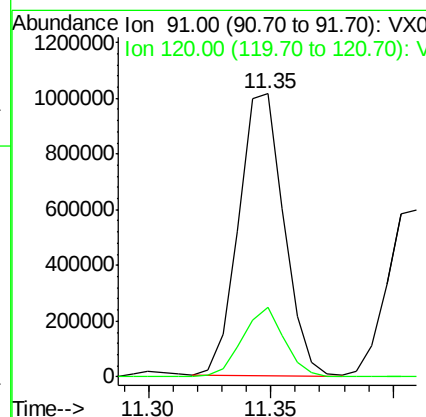
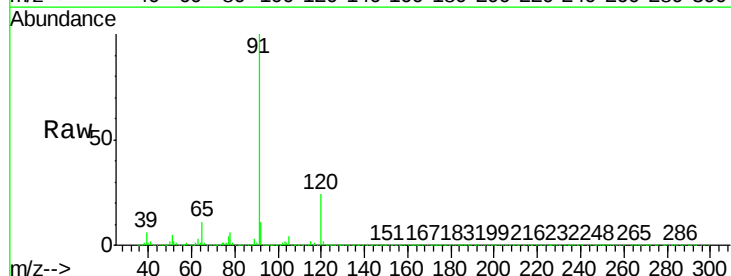
Manual Integrations
APPROVED

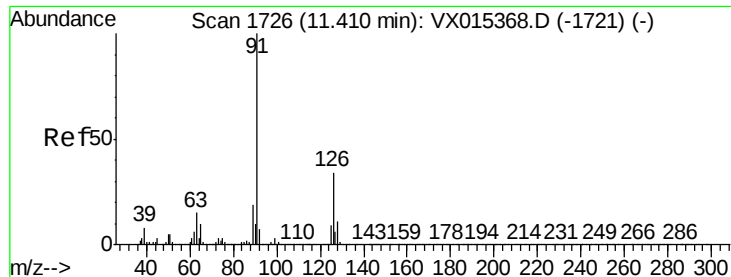
apatel
4/9/2020 9:54:47 AM



#78
n-propylbenzene
Concen: 21.026 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.7	35.0





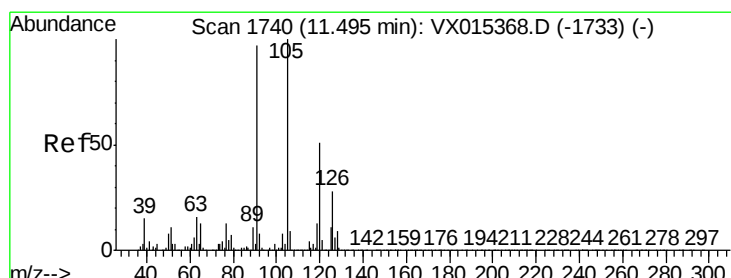
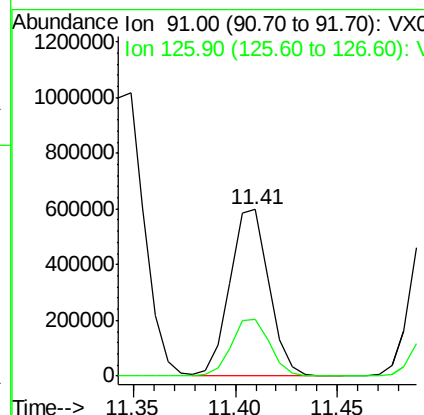
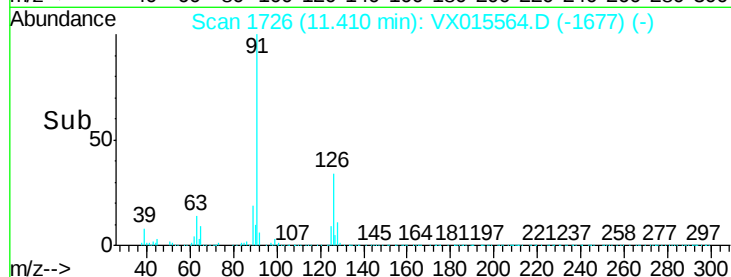
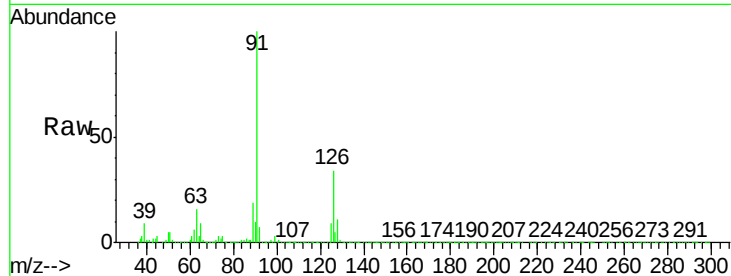
#79
 2-Chlorotoluene
 Concen: 20.655 ug/l
 RT: 11.41 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion: 91 Resp: 785538
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.5 49.5

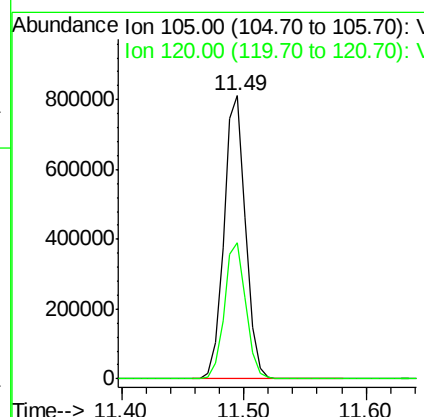
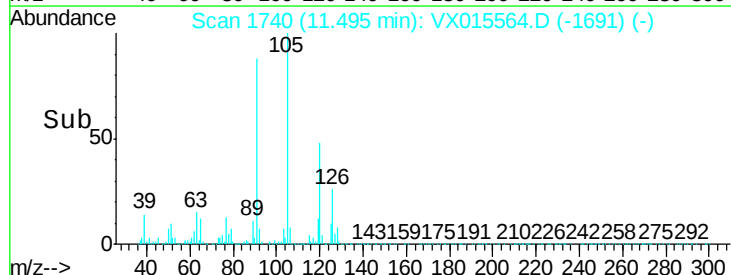
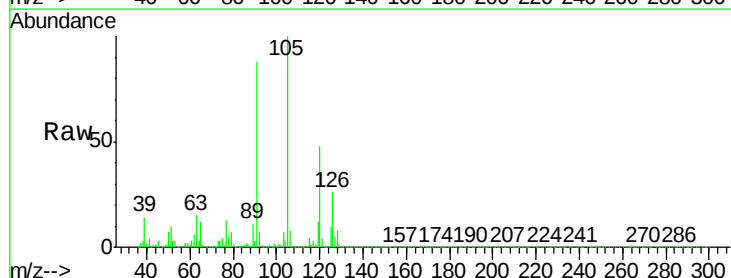
Manual Integrations
 APPROVED

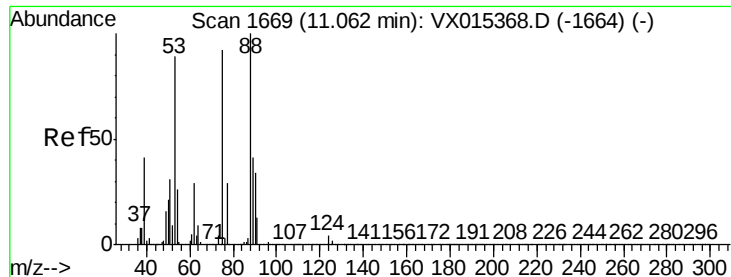
apatel
 4/9/2020 9:54:47 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.347 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Tgt Ion: 105 Resp: 989285
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.772 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

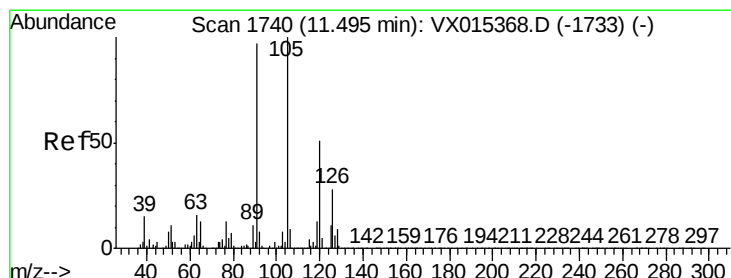
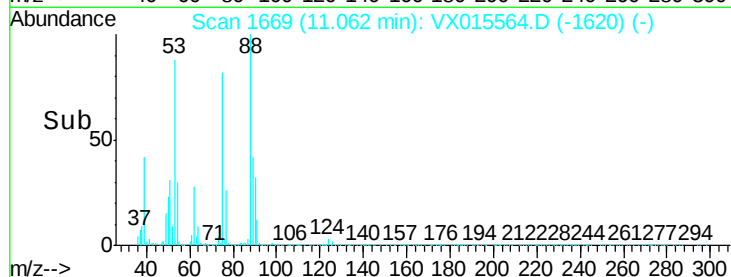
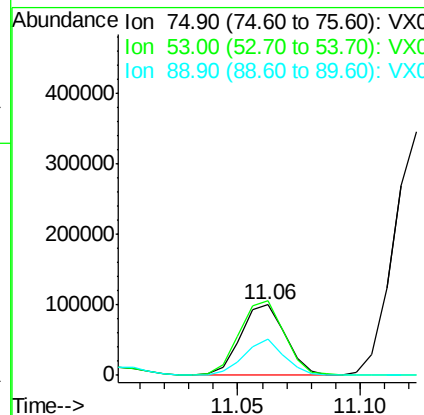
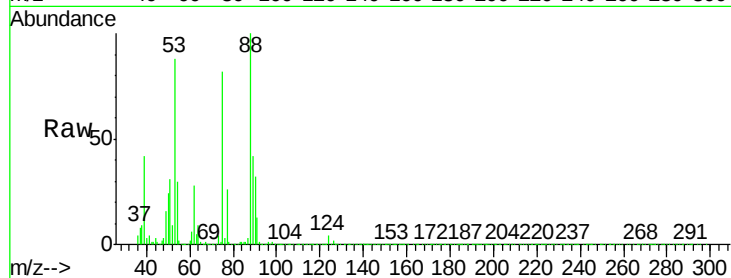
ClientSampleId :

VX0408WBSD01

Tot Ion:	75	Resp:	126139
Ion	Ratio	Lower	Upper
75	100		
53	107.2	80.1	120.1
89	47.9	36.1	54.1

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#82

4-Chlorotoluene

Concen: 20.439 ug/l

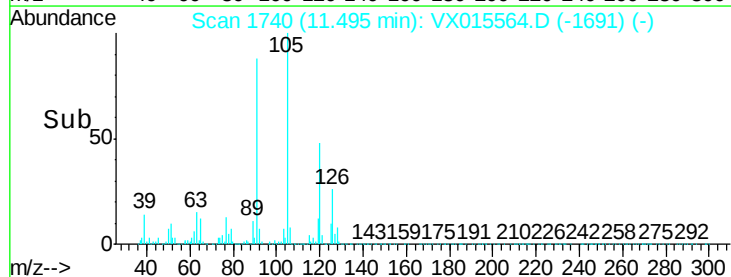
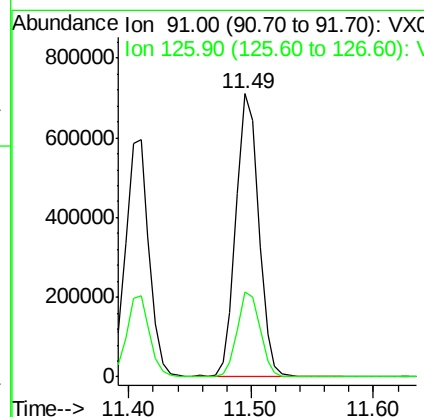
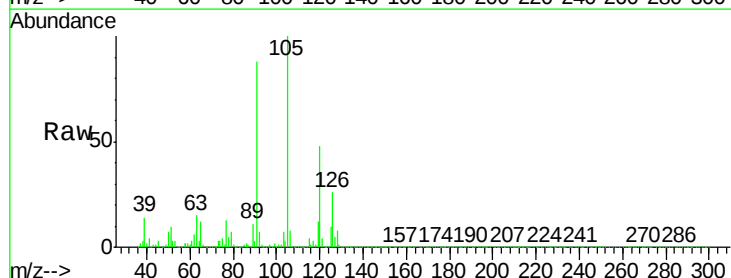
RT: 11.49 min Scan# 1740

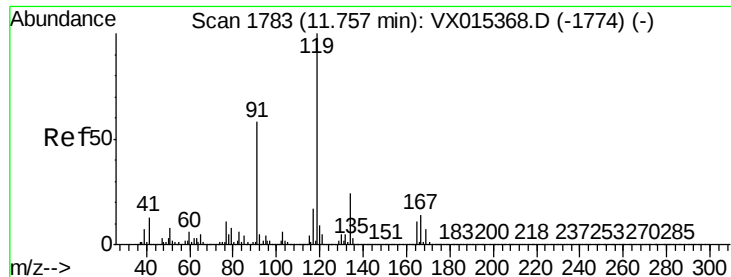
Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion:	91	Resp:	911250
Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.7	44.1





#83

tert-Butylbenzene

Concen: 20.875 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Instrument :

MSVOA_X

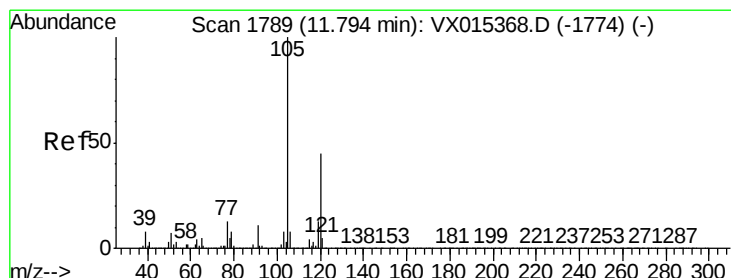
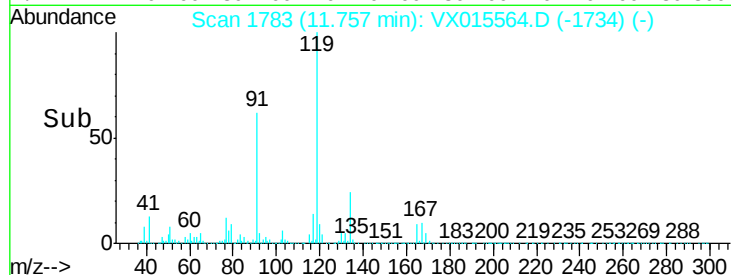
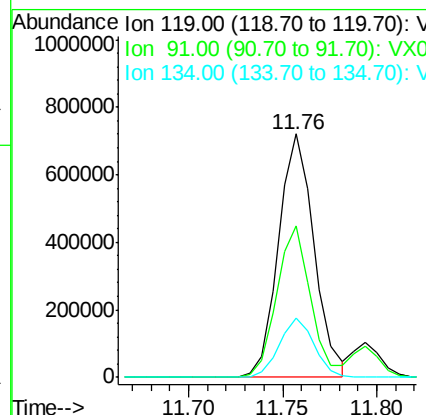
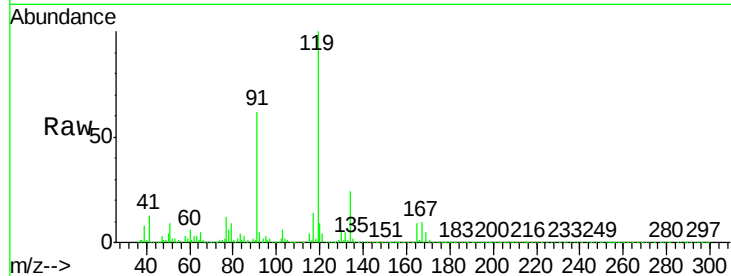
ClientSampleId :

VX0408WBSD01

Tot Ion:	119	Resp:	944946
Ion Ratio	Lower	Upper	
119	100		
91	59.1	28.6	85.8
134	23.4	11.8	35.3

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#84

1,2,4-Trimethylbenzene

Concen: 21.005 ug/l

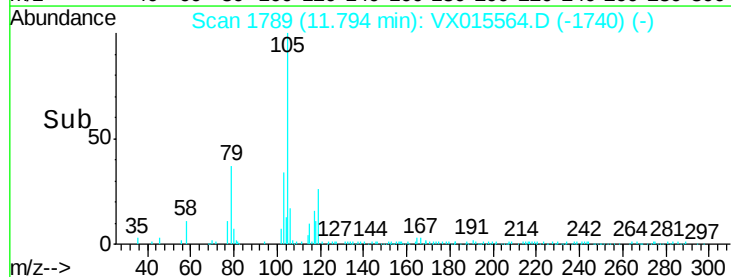
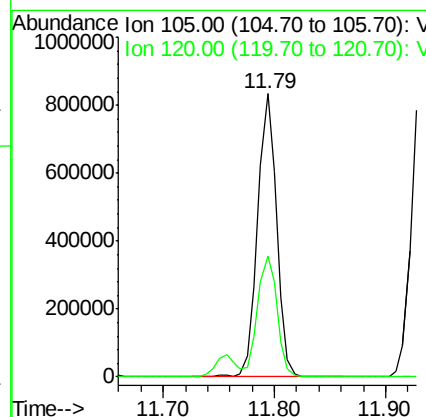
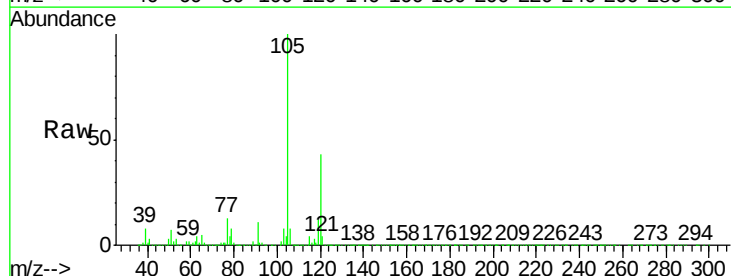
RT: 11.79 min Scan# 1789

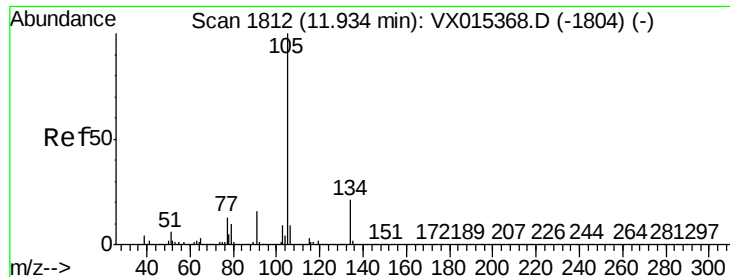
Delta R.T. -0.00 min

Lab File: VX015564.D

Acq: 08 Apr 2020 13:23

Tgt Ion:	105	Resp:	991953
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.7	68.1





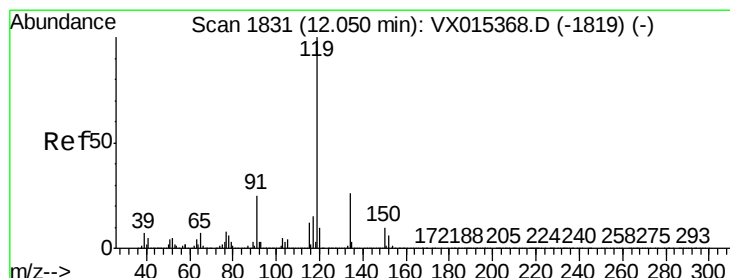
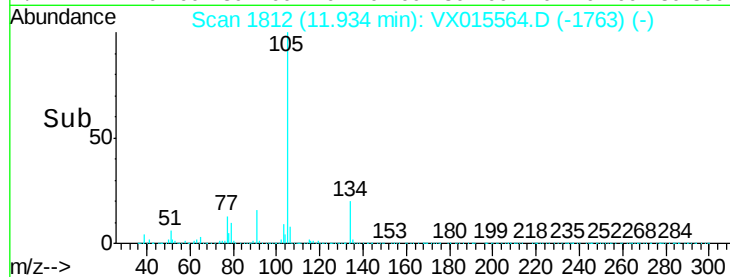
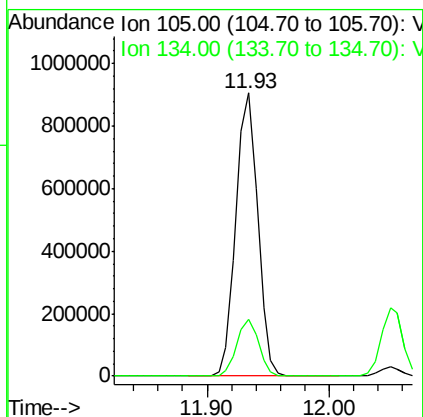
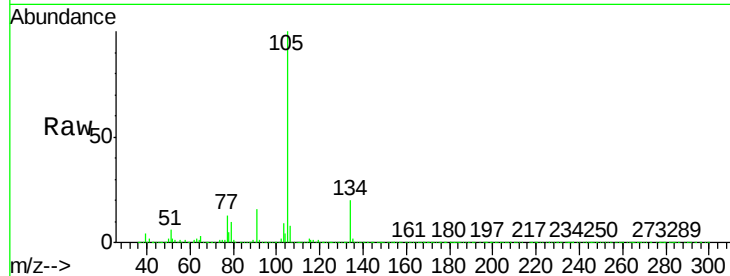
#85
 sec-Butylbenzene
 Concen: 21.324 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion:105 Resp: 1116358
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

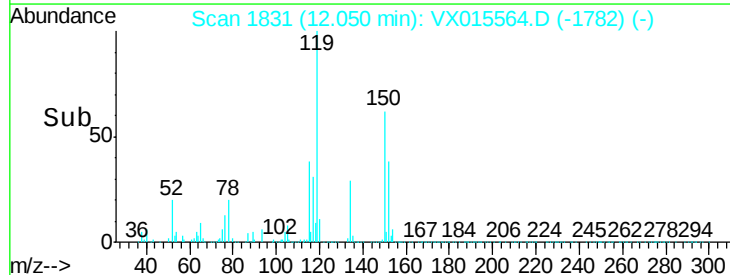
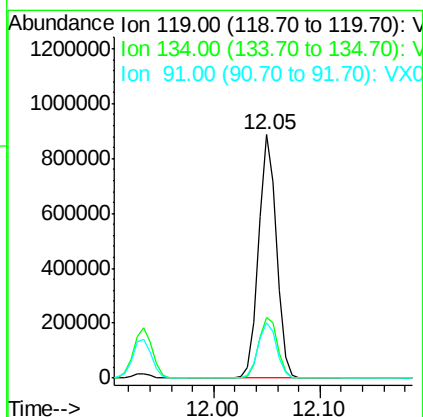
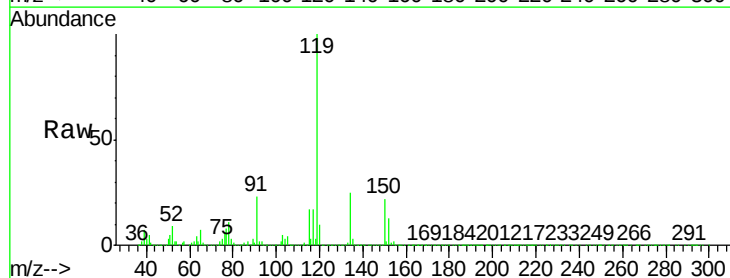
Manual Integrations
 APPROVED

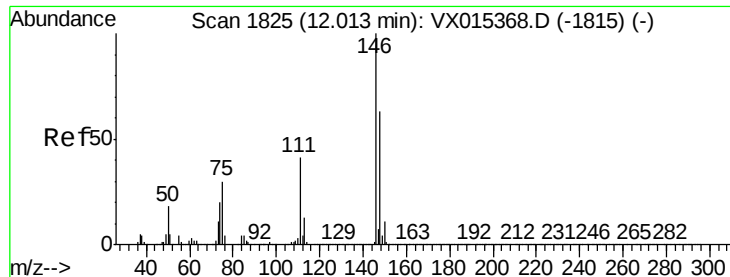
apatel
 4/9/2020 9:54:47 AM



#86
 p-Isopropyltoluene
 Concen: 21.444 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Tgt Ion:119 Resp: 1042215
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.9 12.4 37.4





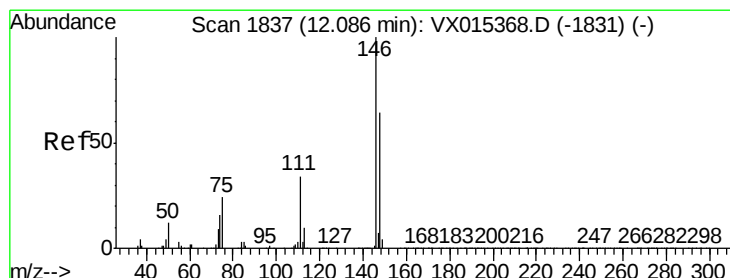
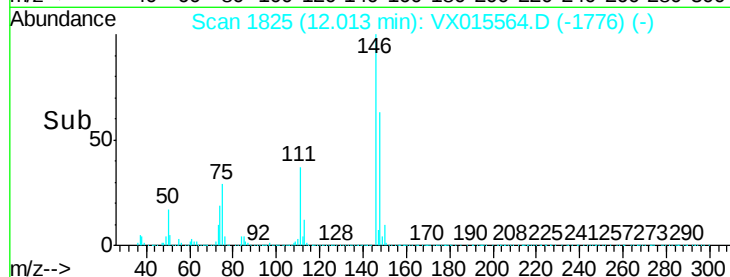
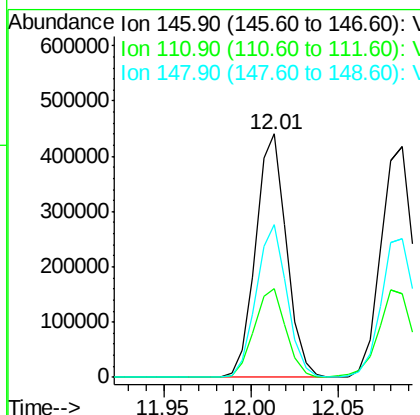
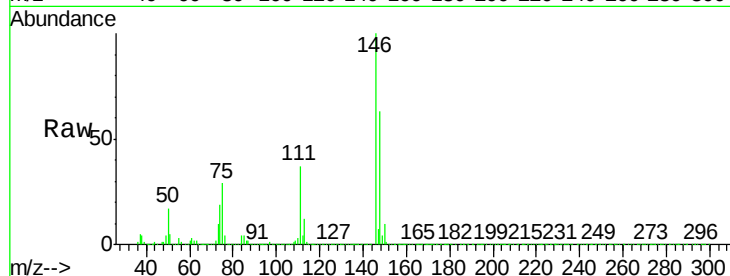
#87
 1,3-Dichlorobenzene
 Concen: 21.012 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.3	60.9
148	62.5	31.3	93.9

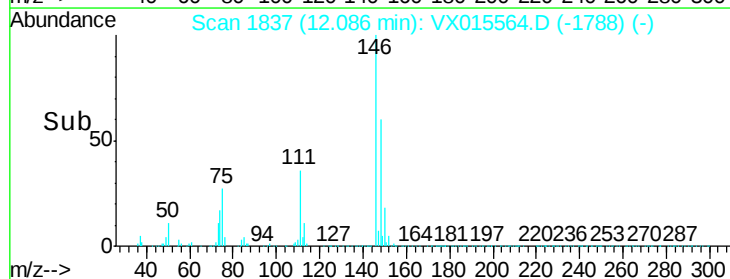
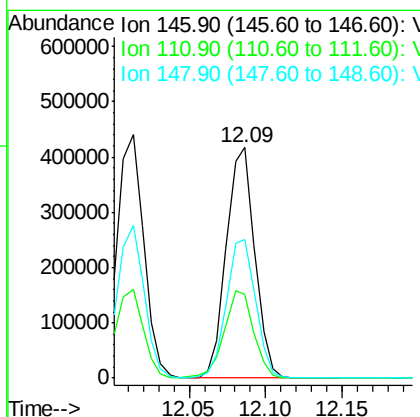
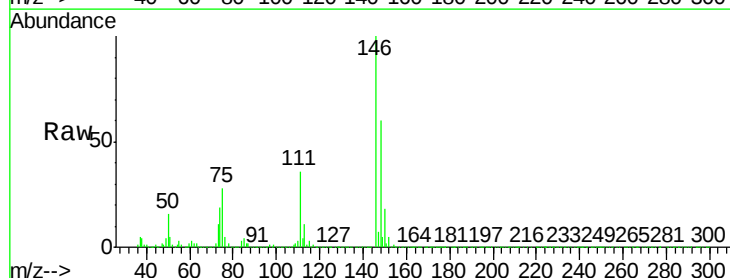
Manual Integrations
 APPROVED

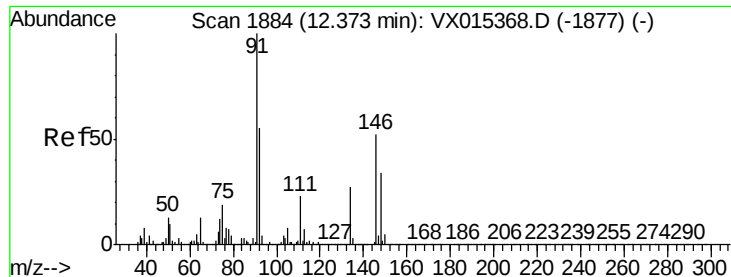
apatel
 4/9/2020 9:54:47 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.370 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.5
148	61.9	32.4	97.2





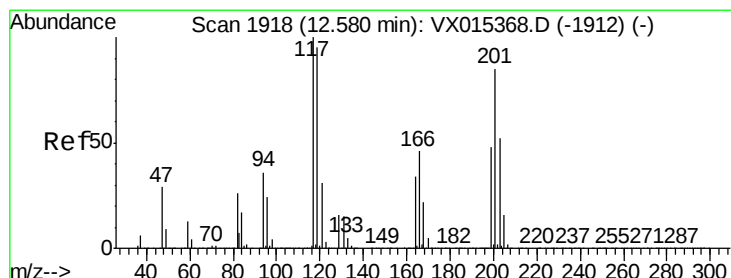
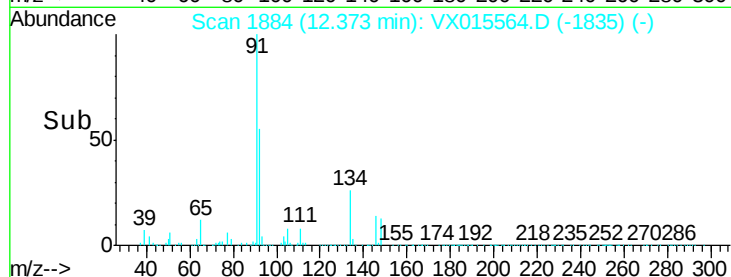
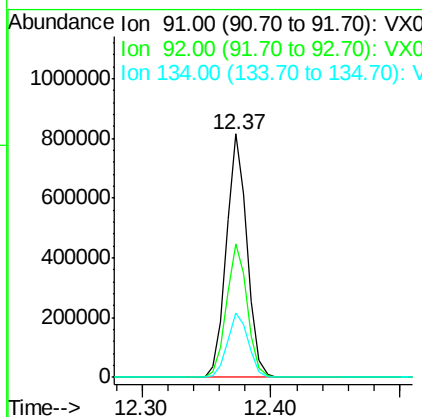
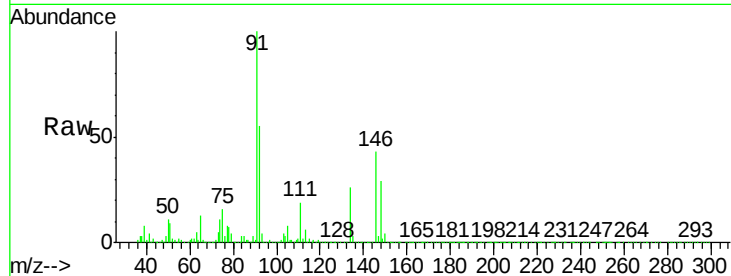
#89
n-Butylbenzene
Concen: 20.860 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleID :
VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.2	27.2	81.5	
134	26.9	13.4	40.2	

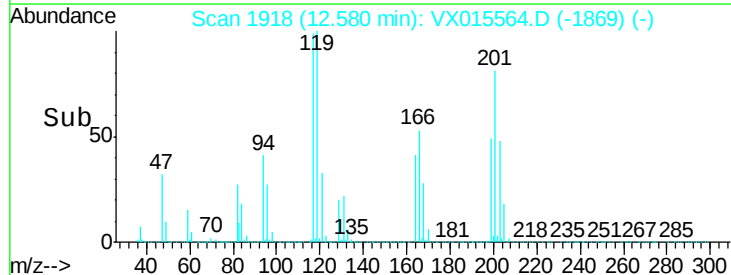
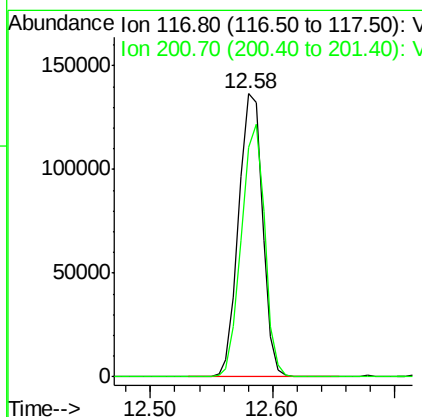
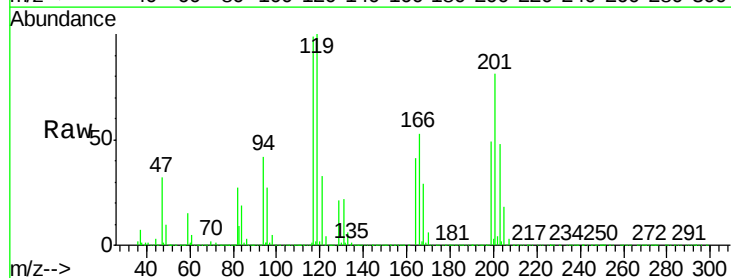
Manual Integrations
APPROVED

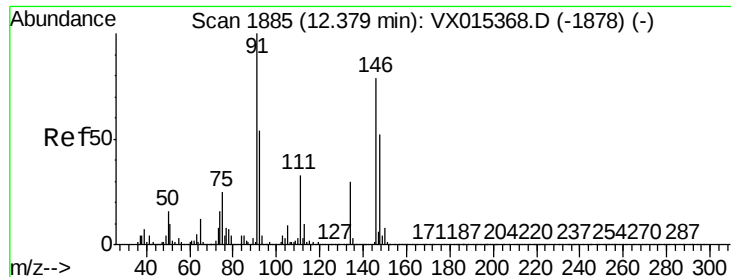
apatel
4/9/2020 9:54:47 AM



#90
Hexachloroethane
Concen: 19.479 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.1	42.6	128.0	





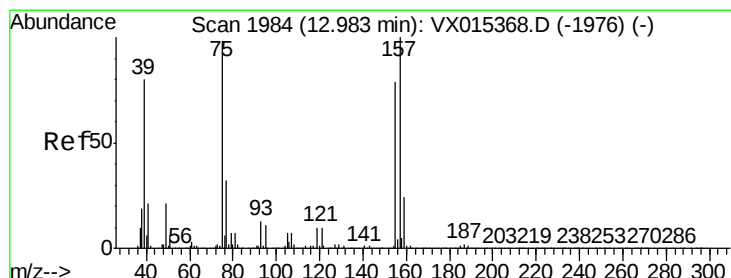
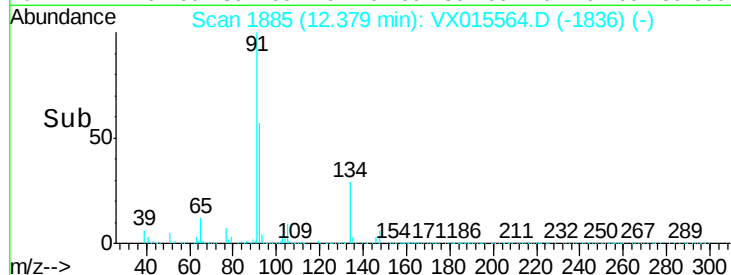
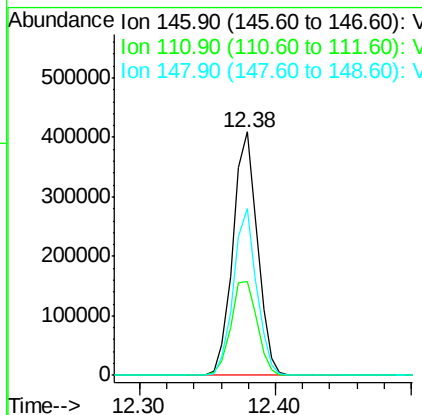
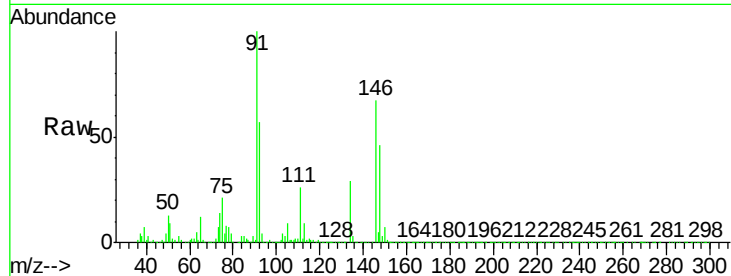
#91
 1,2-Dichlorobenzene
 Concen: 20.202 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion:	146	Resp:	512276
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.0	63.0
148	65.0	32.4	97.0

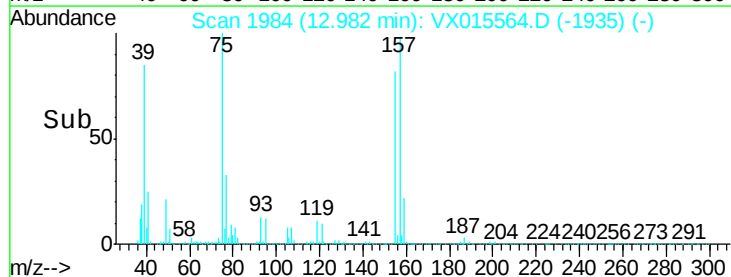
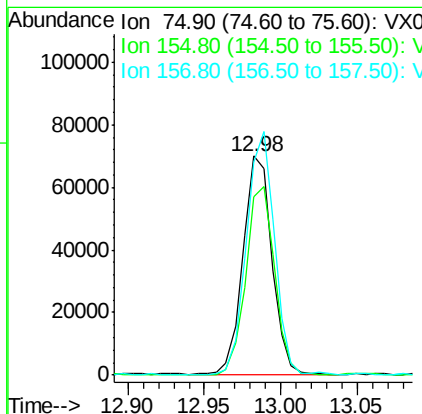
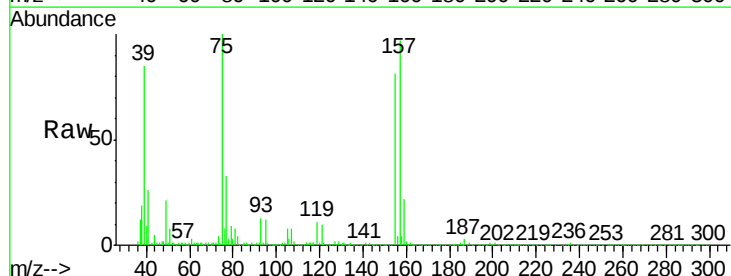
Manual Integrations
 APPROVED

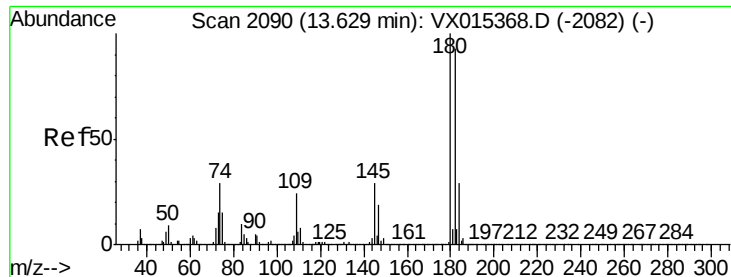
apatel
 4/9/2020 9:54:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.358 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Tgt Ion:	75	Resp:	91222
Ion Ratio	Lower	Upper	
75	100		
155	85.5	42.8	128.4
157	108.3	53.4	160.3





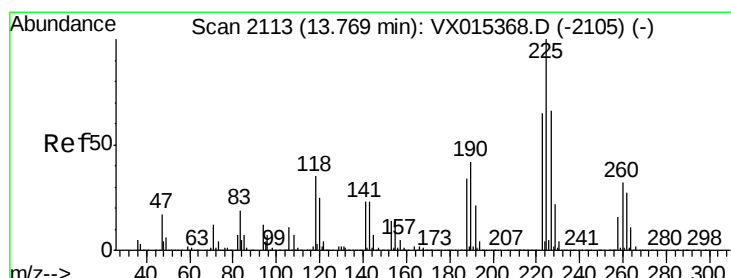
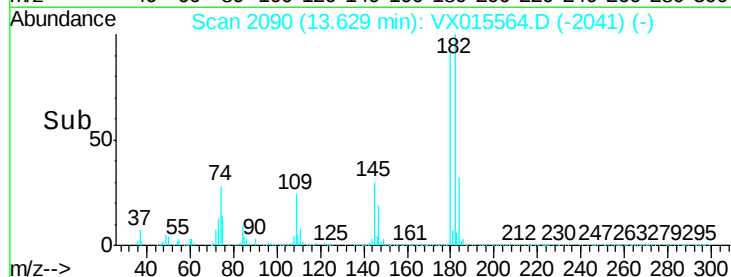
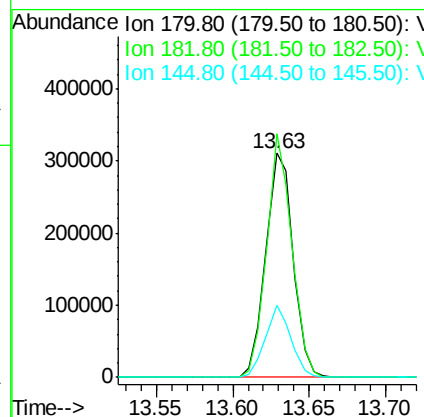
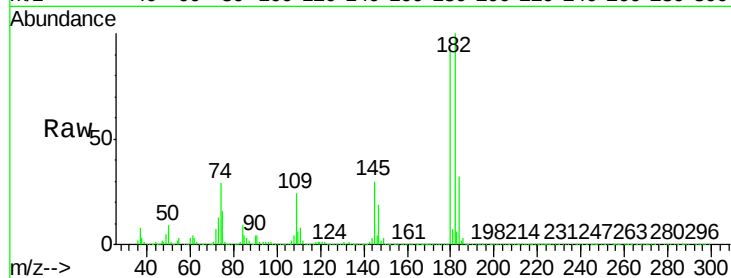
#93
 1,2,4-Trichlorobenzene
 Concen: 19.451 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	100.2	46.9	140.7	
145	30.1	14.9	44.5	

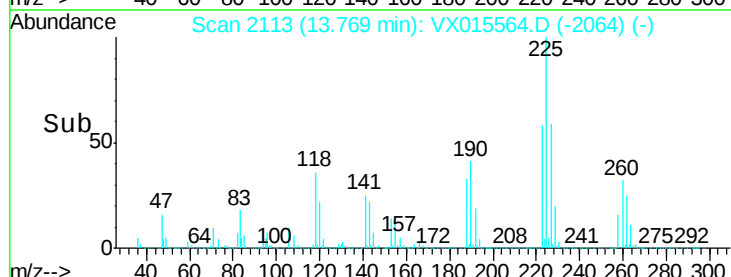
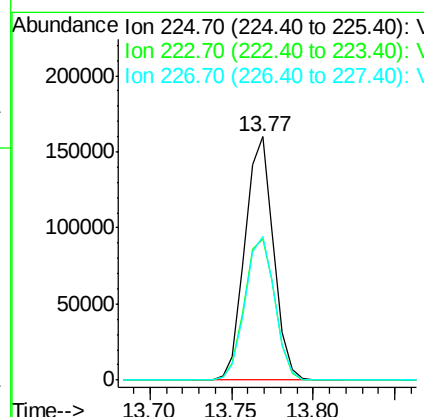
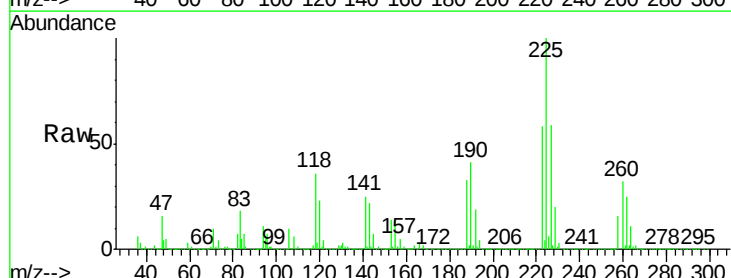
Manual Integrations
 APPROVED

apatel
 4/9/2020 9:54:47 AM



#94
 Hexachlorobutadiene
 Concen: 20.372 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015564.D
 Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.9	95.7	
227	61.6	30.4	91.3	





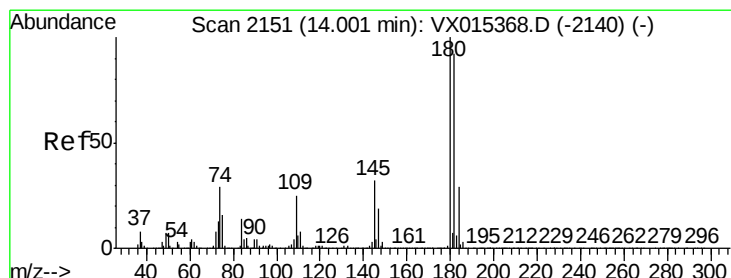
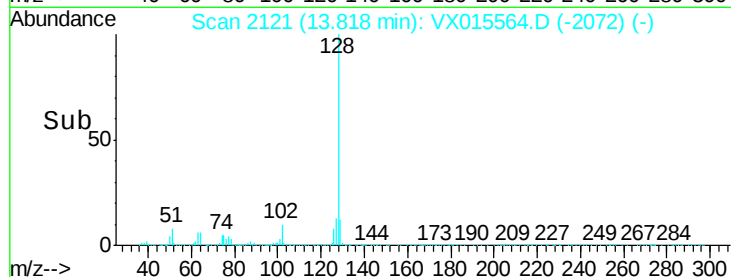
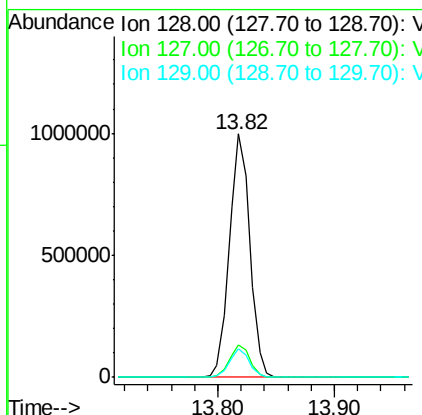
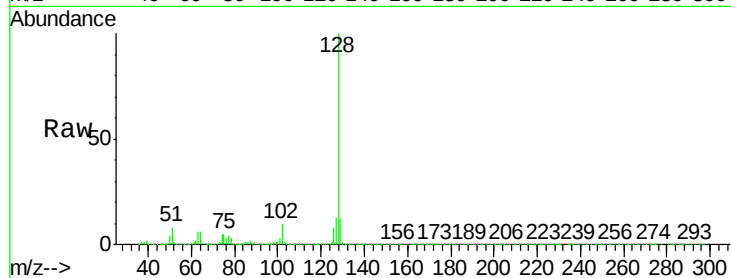
#95
Naphthalene
Concen: 19.925 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.2	8.8	13.2

Manual Integrations
APPROVED

apatel
4/9/2020 9:54:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.985 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015564.D
Acq: 08 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	46.7	140.0
145	29.8	15.8	47.3

