

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014421.D
 Acq On : 06 Jan 2020 12:35
 Operator : JC/SP
 Sample : VX0106WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 9:09:11 AM

Quant Time: Jan 06 16:12:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	508302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	767551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	276556	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.48	113	233369	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	887043	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	322032	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69407	15.263	ug/l	100
3) Chloromethane	1.32	50	97806	16.027	ug/l	99
4) Vinyl Chloride	1.40	62	105849	16.438	ug/l	100
5) Bromomethane	1.63	94	65297	14.287	ug/l	99
6) Chloroethane	1.72	64	69129	17.394	ug/l	96
7) Trichlorofluoromethane	1.92	101	146261	18.348	ug/l	99
8) Diethyl Ether	2.18	74	65470	17.500	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89450	18.615	ug/l	98
10) Methyl Iodide	2.50	142	95645	16.923	ug/l	98
11) Tert butyl alcohol	3.02	59	112897	90.695	ug/l	98
12) 1,1-Dichloroethene	2.36	96	86543	17.700	ug/l	96
13) Acrolein	2.28	56	51677	72.523	ug/l	98
14) Allyl chloride	2.72	41	159750	18.299	ug/l	100
15) Acrylonitrile	3.12	53	272531	93.800	ug/l	99
16) Acetone	2.43	43	279380	74.699	ug/l	99
17) Carbon Disulfide	2.56	76	197484	15.080	ug/l	100
18) Methyl Acetate	2.76	43	140450	18.951	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	306923	19.102	ug/l	98
20) Methylene Chloride	2.84	84	104099	17.675	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	92800	17.227	ug/l	97
22) Diisopropyl ether	3.84	45	338133	19.436	ug/l	95
23) Vinyl Acetate	3.80	43	1390541	97.947	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176497	18.235	ug/l	100
25) 2-Butanone	4.65	43	401849	87.149	ug/l	97
26) 2,2-Dichloropropane	4.57	77	140674	18.719	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	112099	18.401	ug/l	99
28) Bromochloromethane	5.00	49	81345	22.108	ug/l	99
29) Tetrahydrofuran	5.11	42	240582	93.282	ug/l	99
30) Chloroform	5.20	83	175475	19.124	ug/l	97
31) Cyclohexane	5.57	56	150593	17.494	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	147522	18.865	ug/l	98
36) 1,1-Dichloropropene	5.79	75	125315	17.794	ug/l	98
37) Ethyl Acetate	4.81	43	145157	18.665	ug/l	98
38) Carbon Tetrachloride	5.77	117	122179	19.043	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014421.D
 Acq On : 06 Jan 2020 12:35
 Operator : JC/SP
 Sample : VX0106WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0106WBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 9:09:11 AM

Quant Time: Jan 06 16:12:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	154190	17.731	ug/l	97
40) Benzene	6.13	78	398441	18.387	ug/l	98
41) Methacrylonitrile	5.02	41	82533	19.126	ug/l	97
42) 1,2-Dichloroethane	6.18	62	141925	19.321	ug/l	99
43) Isopropyl Acetate	6.43	43	246047	19.117	ug/l	99
44) Trichloroethene	7.20	130	111683	18.659	ug/l	95
45) 1,2-Dichloropropane	7.50	63	105406	18.978	ug/l	99
46) Dibromomethane	7.65	93	66545	18.122	ug/l	98
47) Bromodichloromethane	7.89	83	134778	19.488	ug/l	98
48) Methyl methacrylate	7.76	41	118500	18.802	ug/l	98
49) 1,4-Dioxane	7.73	88	49657	387.168	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	756183	93.551	ug/l	100
52) Toluene	8.78	92	251328	18.350	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	146398	19.305	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	164363	19.455	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103452	18.845	ug/l	99
56) Ethyl methacrylate	9.17	69	163629	18.976	ug/l	98
57) 1,3-Dichloropropane	9.36	76	175947	19.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	314603	96.407	ug/l	100
59) 2-Hexanone	9.48	43	570453	87.669	ug/l	99
60) Dibromochloromethane	9.57	129	106741	19.562	ug/l	98
61) 1,2-Dibromoethane	9.67	107	107266	19.098	ug/l	99
64) Tetrachloroethene	9.33	164	118841	19.717	ug/l	98
65) Chlorobenzene	10.13	112	278691	19.243	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	101467	19.621	ug/l	100
67) Ethyl Benzene	10.25	91	475157	19.083	ug/l	100
68) m/p-Xylenes	10.36	106	364229	38.033	ug/l	100
69) o-Xylene	10.69	106	177331	18.880	ug/l	100
70) Styrene	10.71	104	301908	19.009	ug/l	99
71) Bromoform	10.85	173	79770	19.190	ug/l #	98
73) Isopropylbenzene	11.01	105	479787	20.056	ug/l	100
74) N-amyl acetate	10.89	43	206415	18.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	156242	18.839	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131538m	17.832	ug/l	
77) Bromobenzene	11.25	156	123670	18.789	ug/l	100
78) n-propylbenzene	11.35	91	530681	19.777	ug/l	100
79) 2-Chlorotoluene	11.42	91	319521	19.589	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	396370	19.687	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47629	18.225	ug/l	92
82) 4-Chlorotoluene	11.51	91	366511	19.371	ug/l	100
83) tert-Butylbenzene	11.76	119	381813	19.487	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	398147	19.747	ug/l	99
85) sec-Butylbenzene	11.94	105	462232	19.984	ug/l	100
86) p-Isopropyltoluene	12.06	119	424569	20.067	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	217494	18.854	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	220758	18.821	ug/l	100
89) n-Butylbenzene	12.39	91	353342	19.572	ug/l	99
90) Hexachloroethane	12.59	117	74792	19.680	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	216768	18.667	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32890	17.920	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010620\
Data File : VX014421.D
Acq On : 06 Jan 2020 12:35
Operator : JC/SP
Sample : VX0106WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBS01

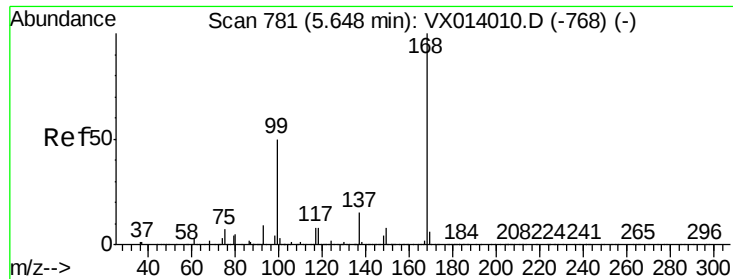
Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM

Quant Time: Jan 06 16:12:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146114	19.359	ug/l	99
94) Hexachlorobutadiene	13.78	225	74843	20.633	ug/l	99
95) Naphthalene	13.83	128	419052	18.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	146203	19.623	ug/l	99

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



#1

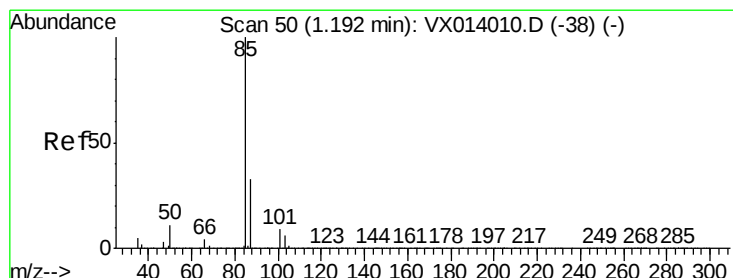
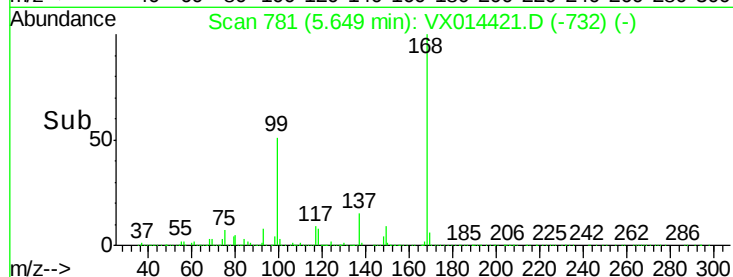
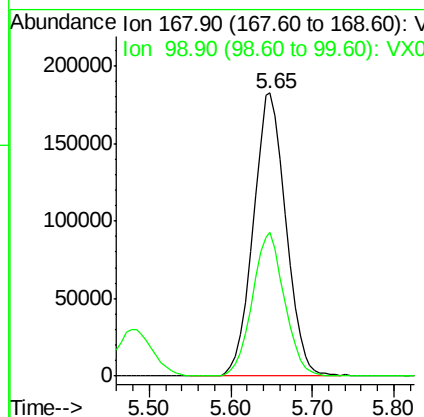
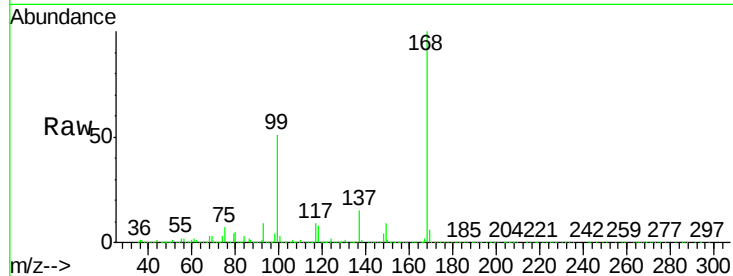
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Instrument :
 MSVOA_X
 ClientSampled :
 VX0106WBS01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.3	60.5

Manual Integrations
 APPROVED

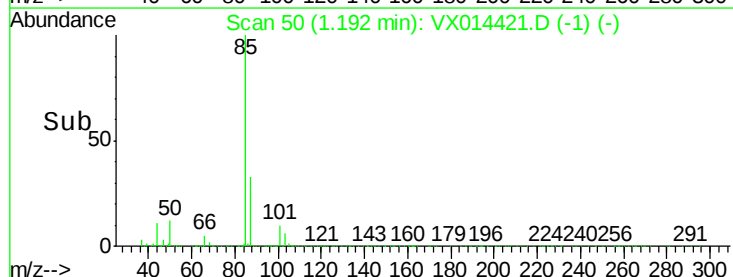
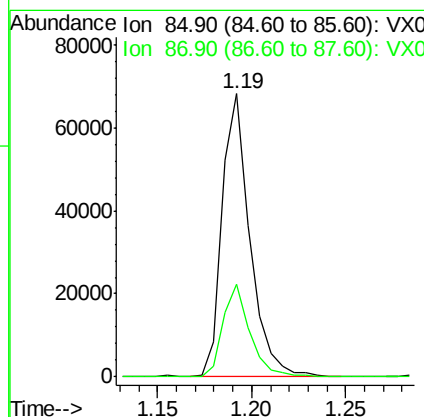
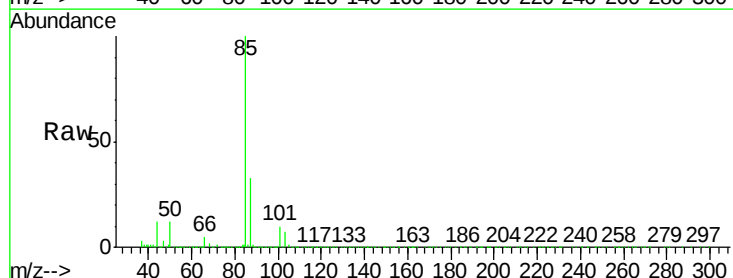
apatel
 1/7/2020 9:09:11 AM

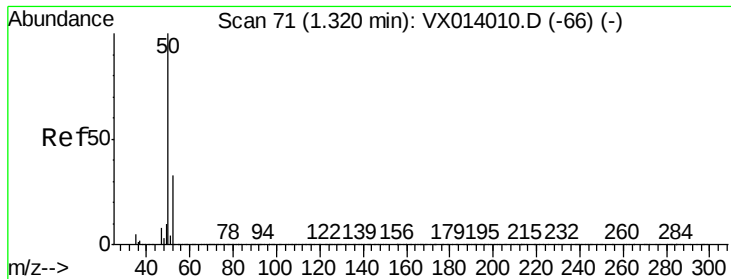


#2

Dichlorodifluoromethane
 Concen: 15.263 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014421.D
 Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.4	49.2





#3

Chloromethane

Concen: 16.027 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0106WBS01

Tgt Ion: 50 Resp: 97806

Ion Ratio Lower Upper

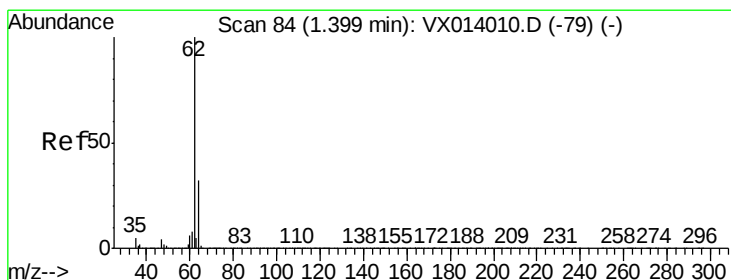
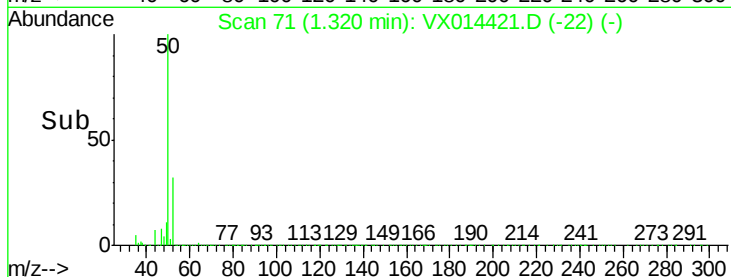
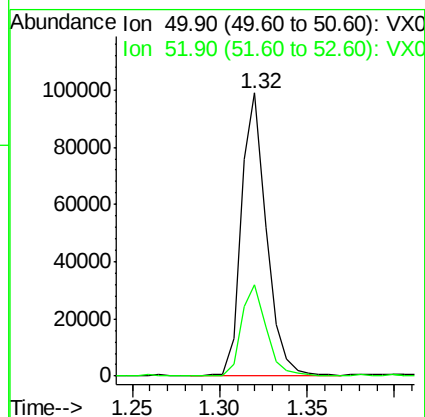
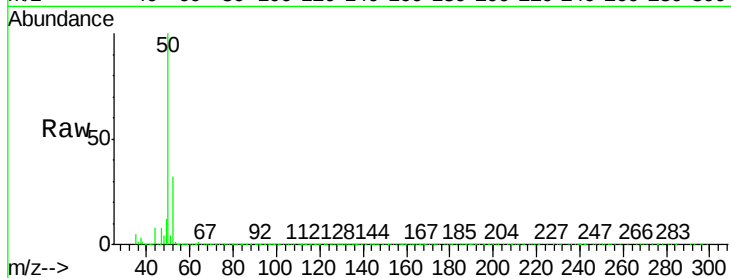
50 100

52 32.0 26.2 39.4

Manual Integrations
APPROVED

apatel

1/7/2020 9:09:11 AM



#4

Vinyl Chloride

Concen: 16.438 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014421.D

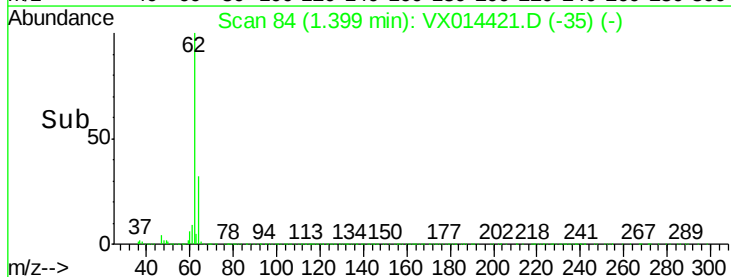
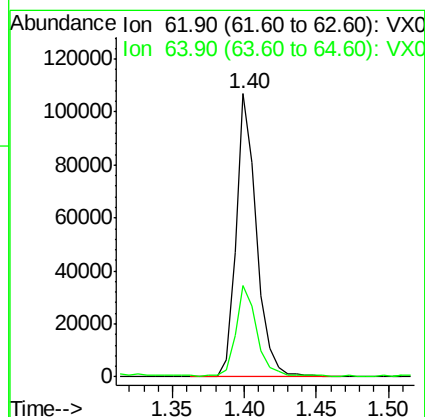
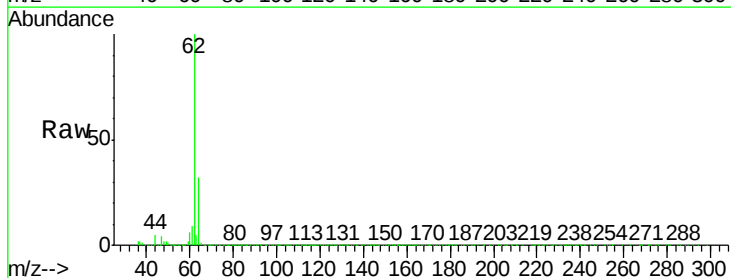
Acq: 06 Jan 2020 12:35

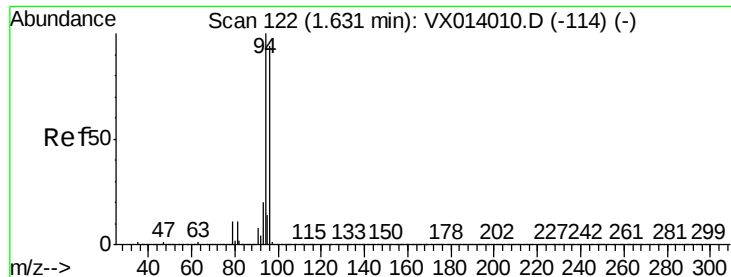
Tgt Ion: 62 Resp: 105849

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 14.287 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0106WBS01

Tgt Ion: 94 Resp: 65297

Ion Ratio Lower Upper

94 100

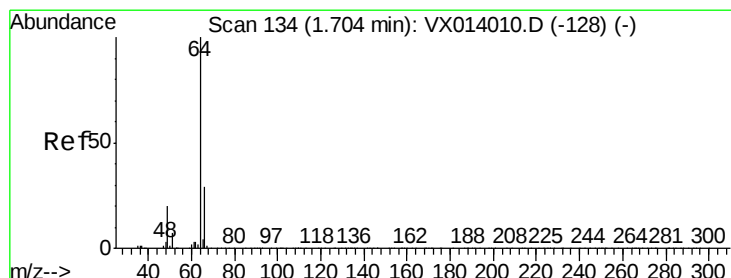
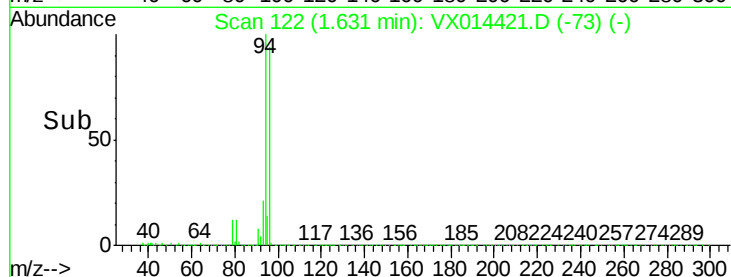
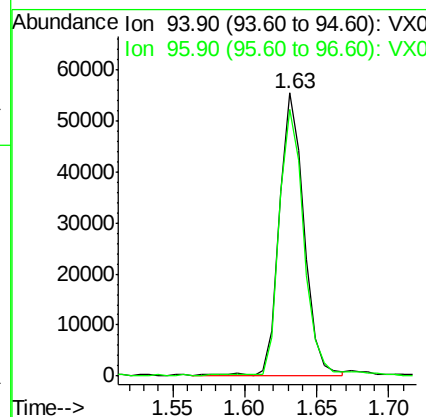
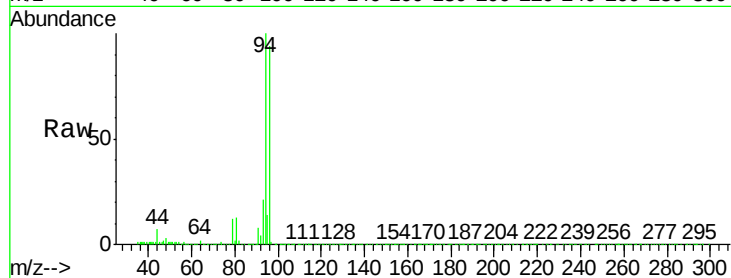
96 94.7 75.2 112.8

Manual Integrations

APPROVED

apatel

1/7/2020 9:09:11 AM



#6

Chloroethane

Concen: 17.394 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014421.D

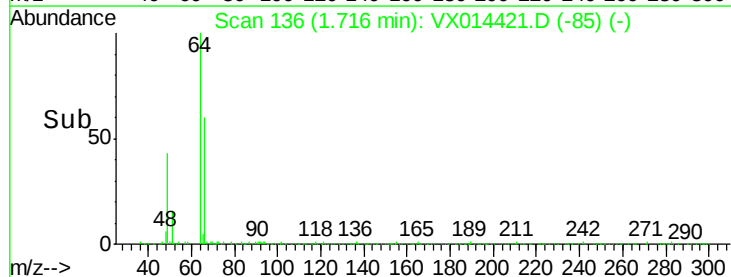
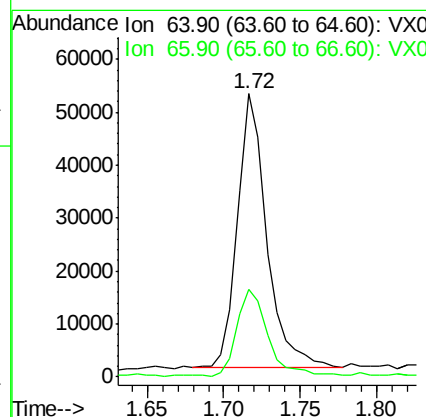
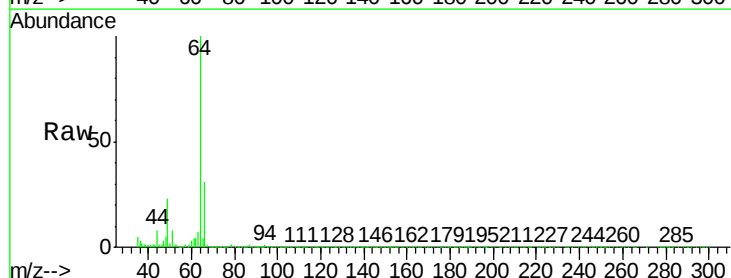
Acq: 06 Jan 2020 12:35

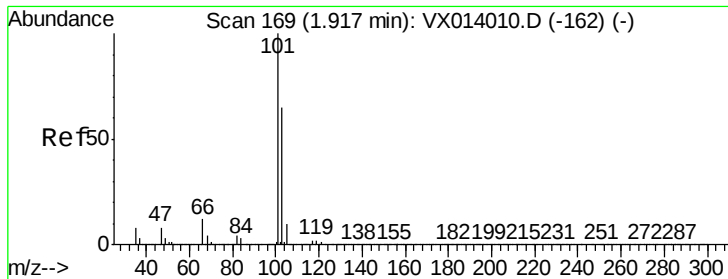
Tgt Ion: 64 Resp: 69129

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.2





#7

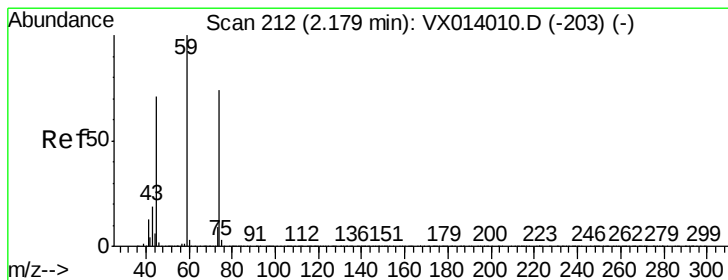
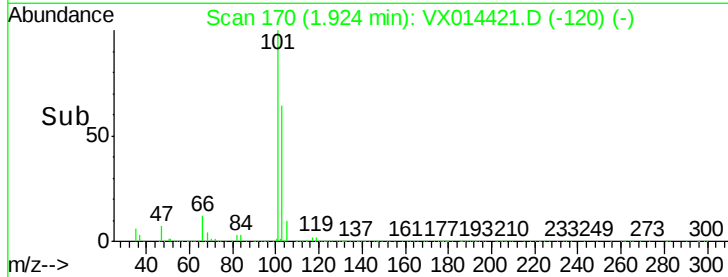
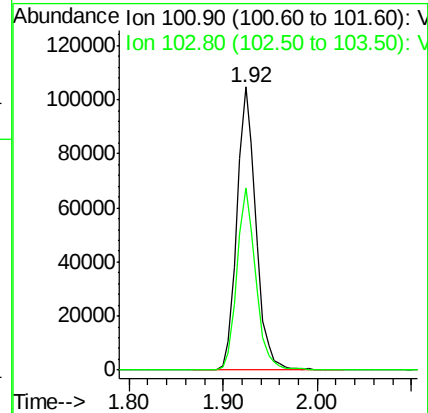
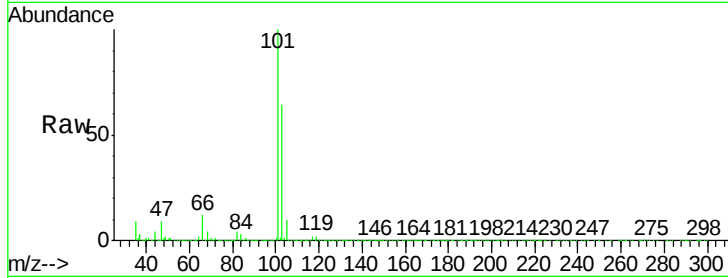
Trichlorofluoromethane
Concen: 18.348 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.4

Manual Integrations
APPROVED

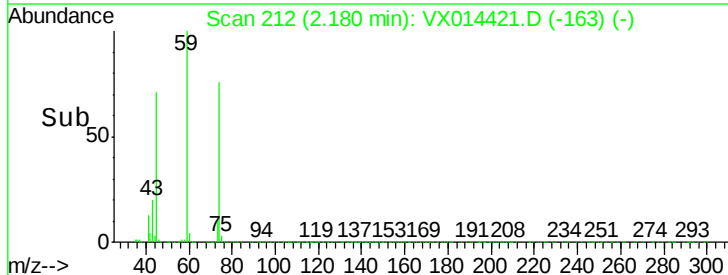
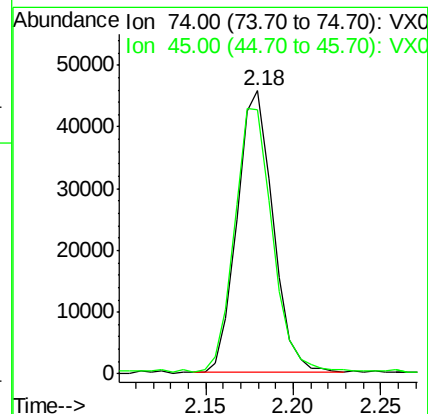
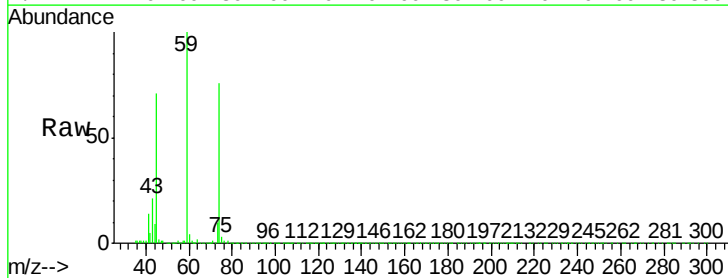
apatel
1/7/2020 9:09:11 AM



#8

Diethyl Ether
Concen: 17.500 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.615 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

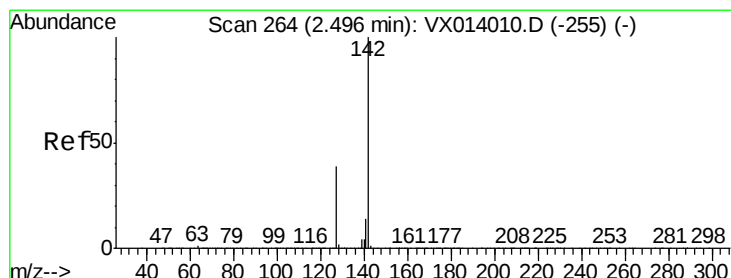
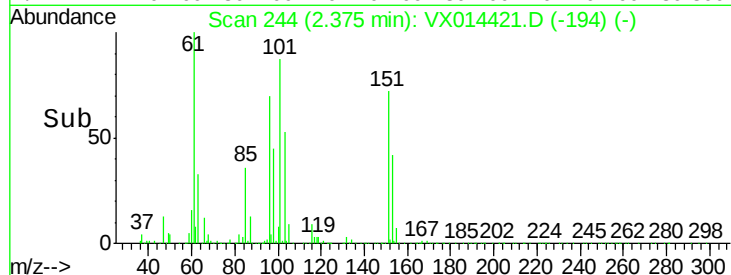
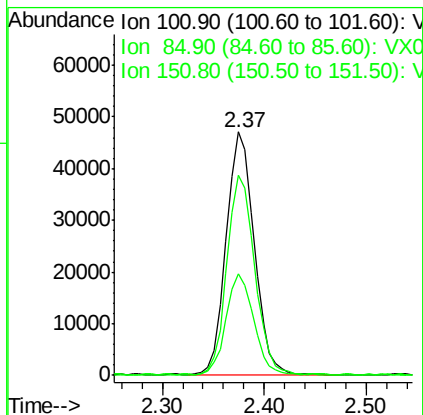
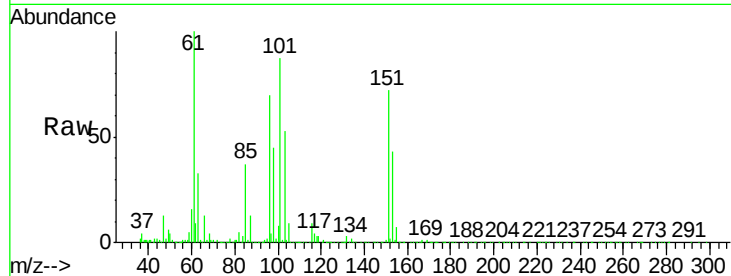
ClientSampleId :

VX0106WBS01

Tgt Ion:	101	Resp:	89450
Ion Ratio	Lower	Upper	
101	100		
85	40.8	33.7	50.5
151	82.0	64.5	96.7

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#10

Methyl Iodide

Concen: 16.923 ug/l

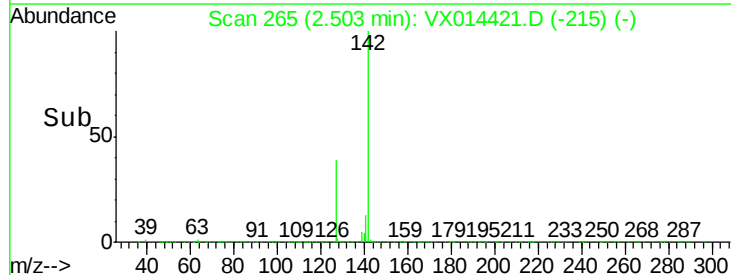
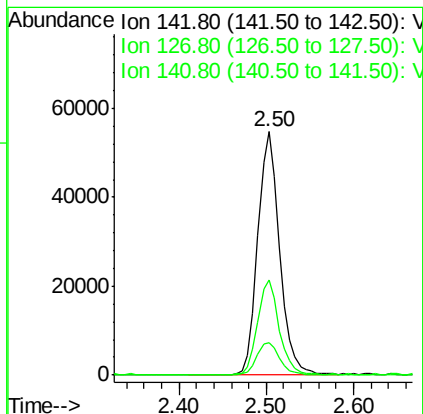
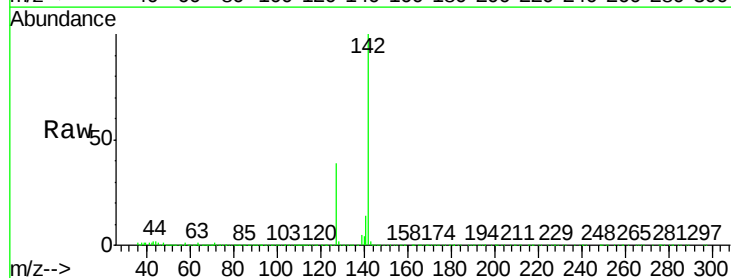
RT: 2.50 min Scan# 265

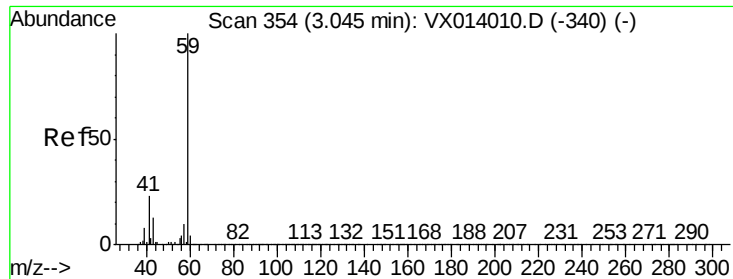
Delta R.T. 0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion:	142	Resp:	95645
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.6	47.4
141	14.2	11.6	17.4





#11

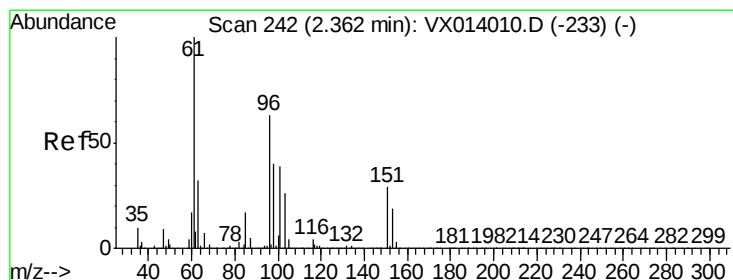
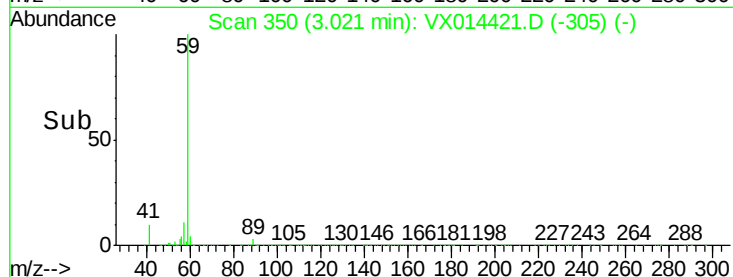
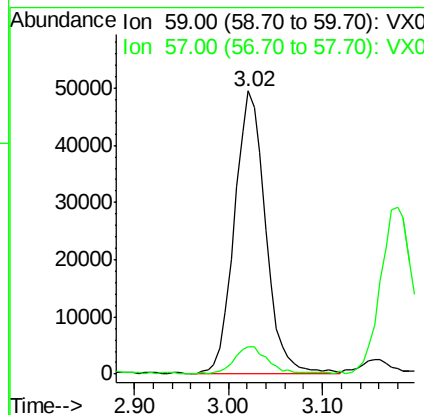
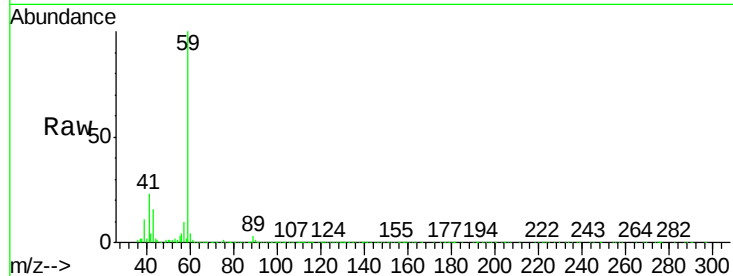
Tert butyl alcohol
Concen: 90.695 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampled :
VX0106WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.4	12.6

Manual Integrations
APPROVED

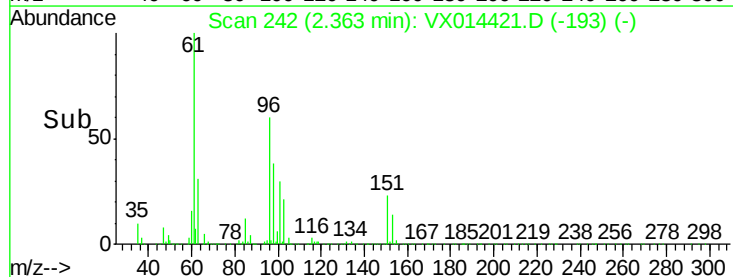
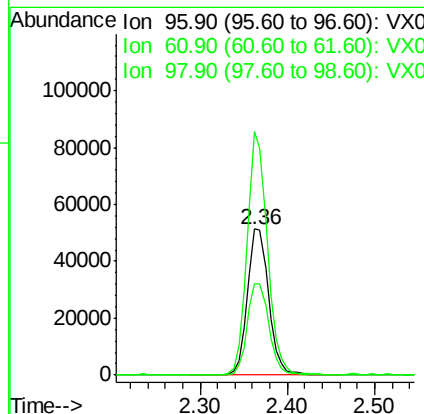
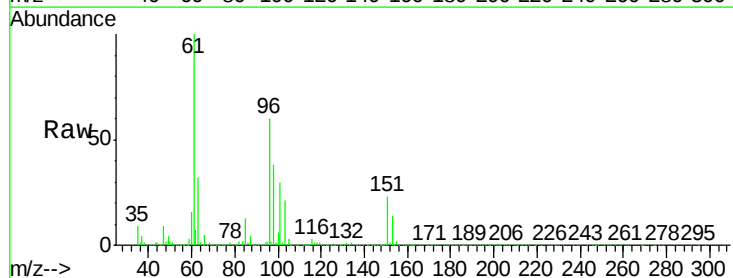
apatel
1/7/2020 9:09:11 AM

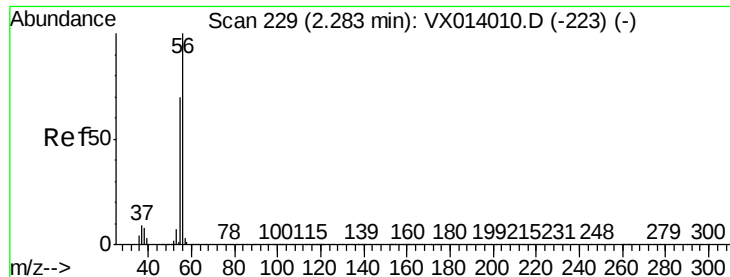


#12

1,1-Dichloroethene
Concen: 17.700 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.6	127.9	191.9
98	62.6	50.5	75.7





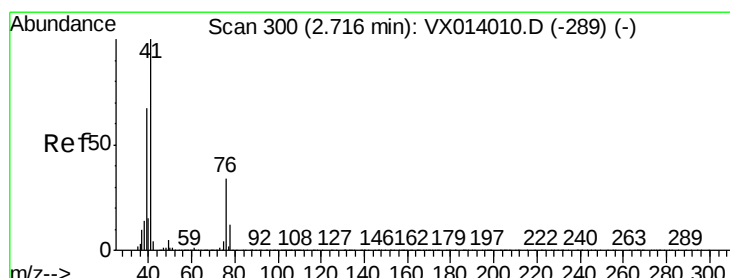
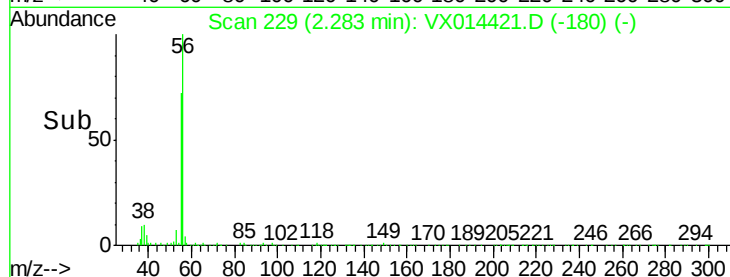
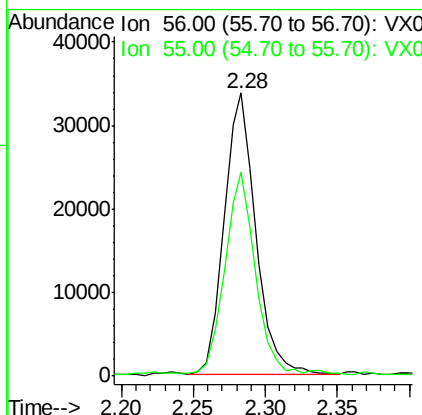
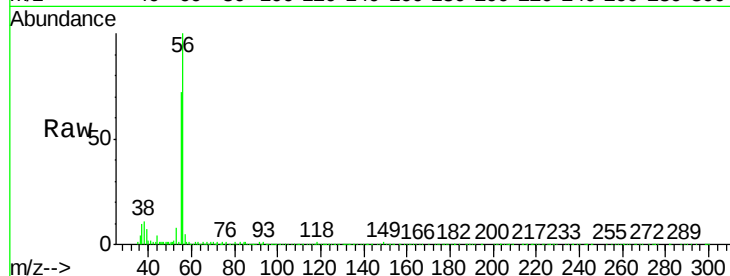
#13
Acrolein
Concen: 72.523 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.3	56.9	85.3

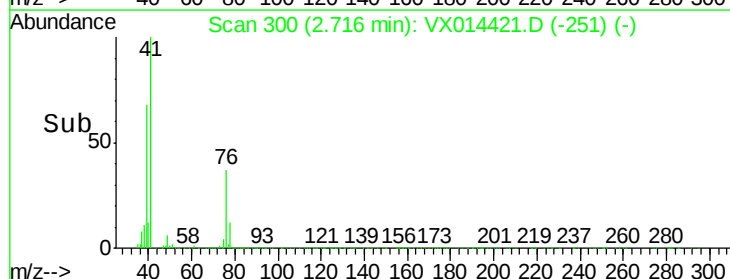
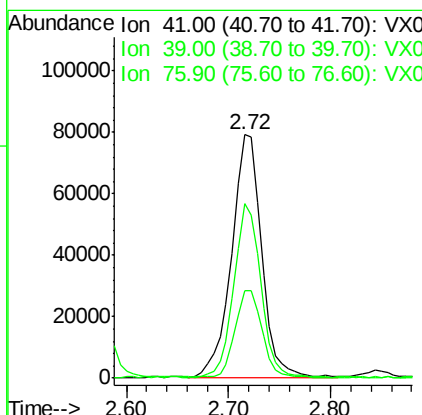
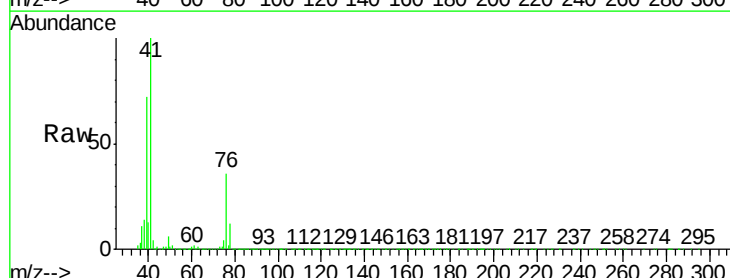
Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#14
Allyl chloride
Concen: 18.299 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.6	51.8	77.8
76	32.3	25.9	38.9





#15

Acrylonitrile

Concen: 93.800 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

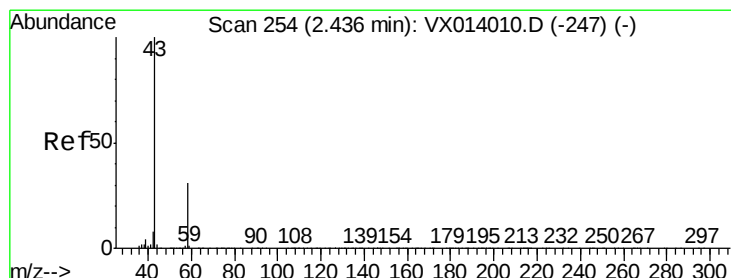
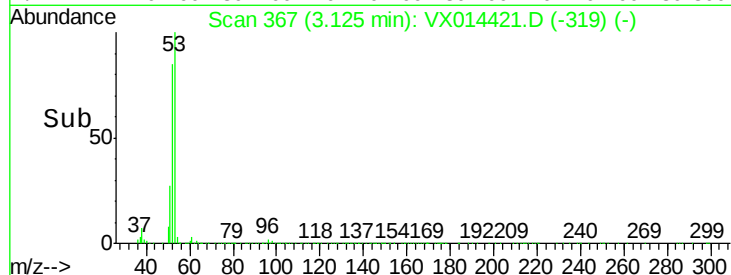
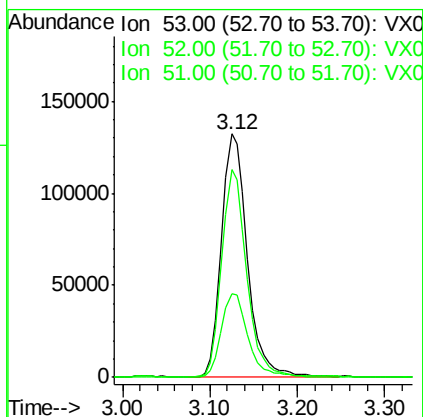
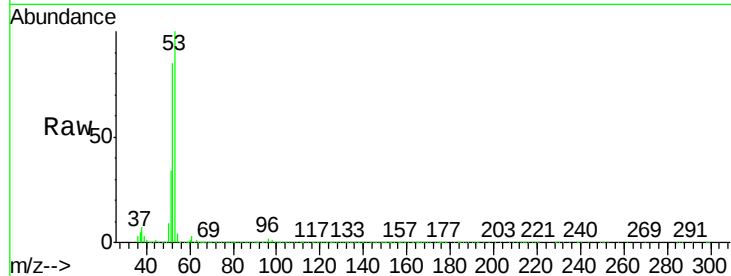
ClientSampled :

VX0106WBS01

Tgt Ion:	53	Resp:	272531
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.5	99.7
51	35.3	28.1	42.1

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#16

Acetone

Concen: 74.699 ug/l

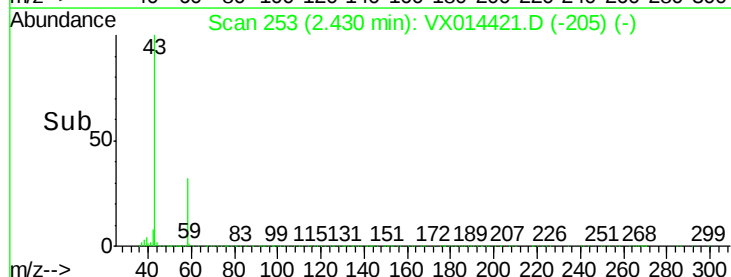
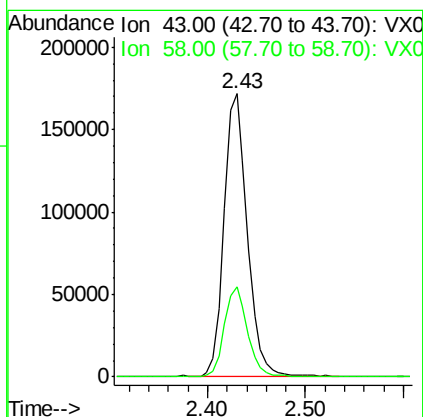
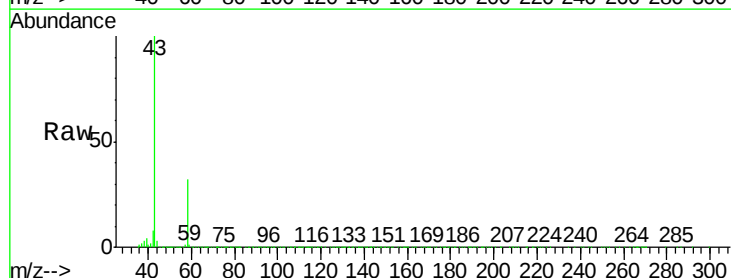
RT: 2.43 min Scan# 253

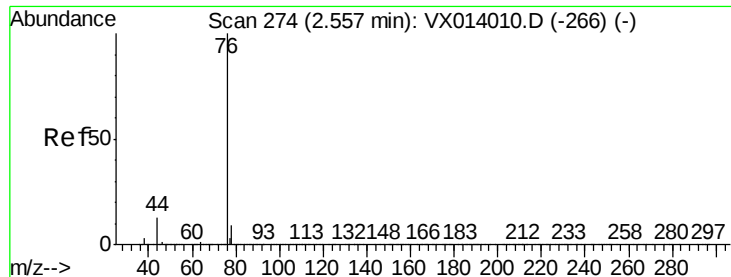
Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion:	43	Resp:	279380
Ion Ratio	Lower	Upper	
43	100		
58	31.6	24.9	37.3





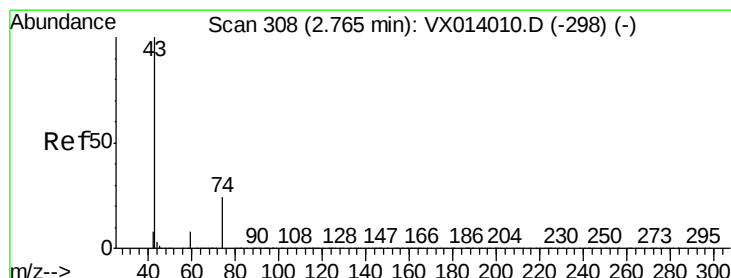
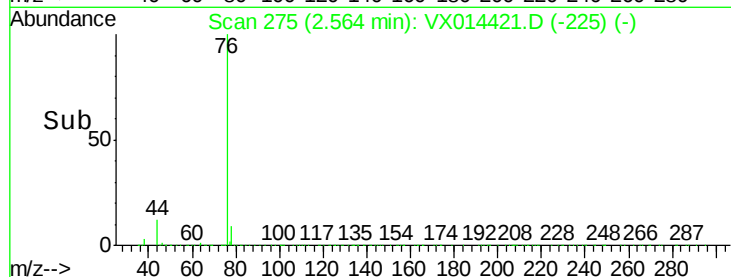
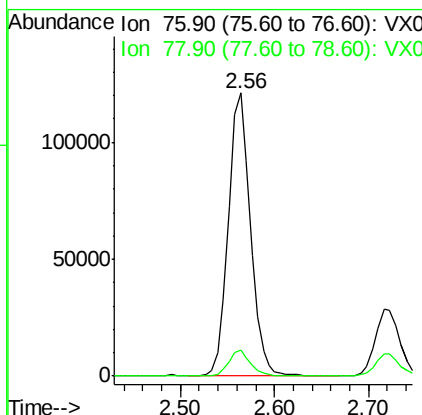
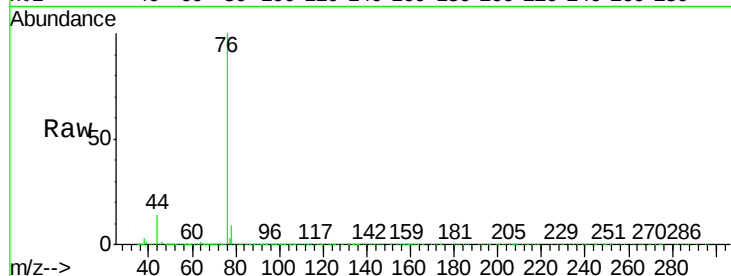
#17
Carbon Disulfide
Concen: 15.080 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampled :
VX0106WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

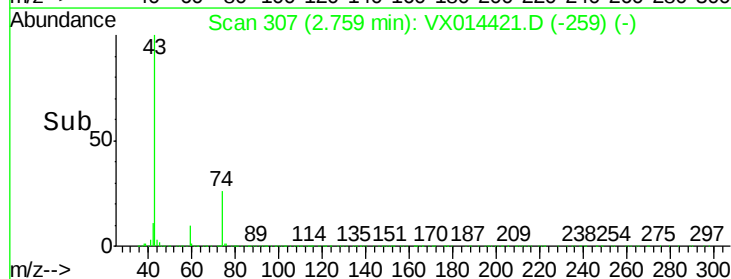
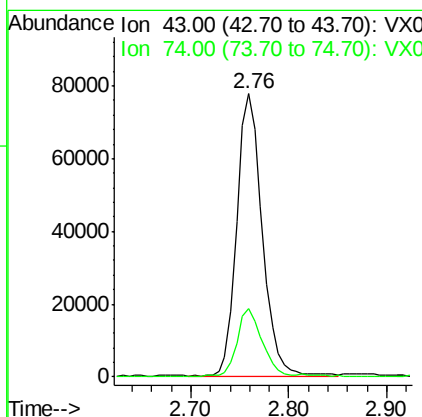
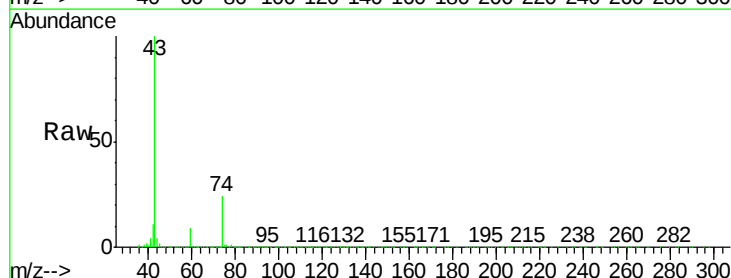
Manual Integrations
APPROVED

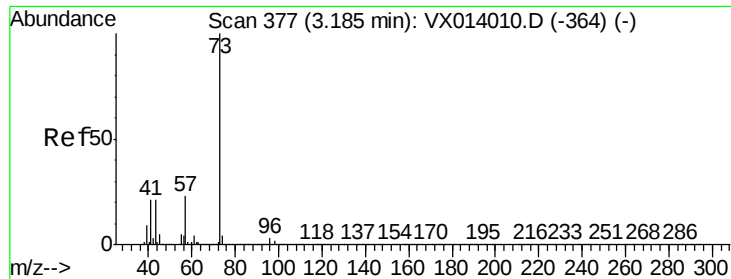
apatel
1/7/2020 9:09:11 AM



#18
Methyl Acetate
Concen: 18.951 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.5	29.3





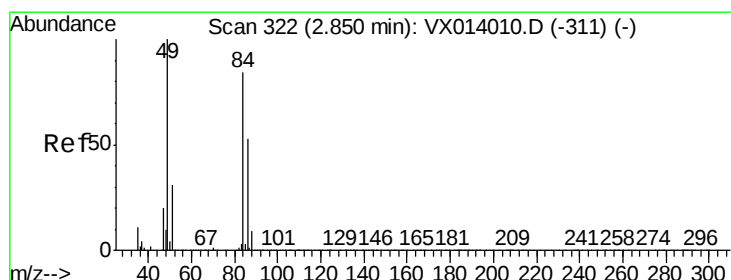
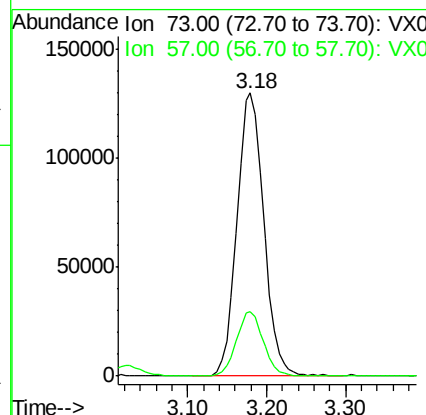
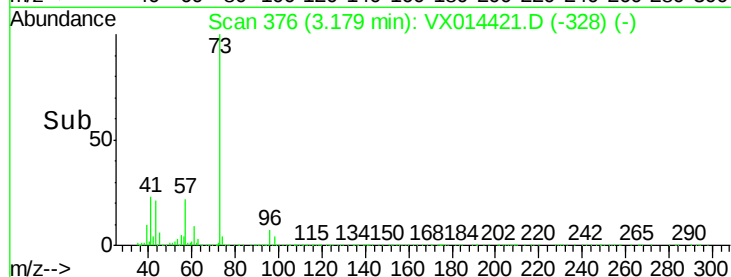
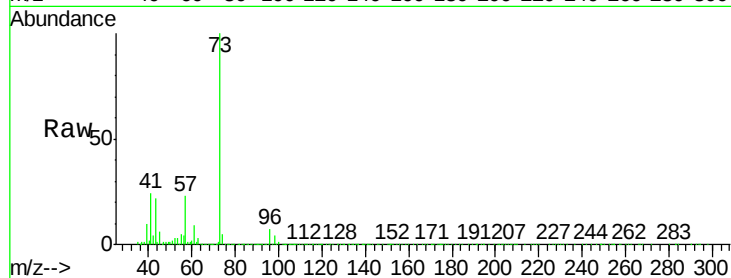
#19
Methyl tert-butyl Ether
Concen: 19.102 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampled :
VX0106WBS01

Tgt Ion: 73 Resp: 306923
Ion Ratio Lower Upper
73 100
57 22.5 18.8 28.2

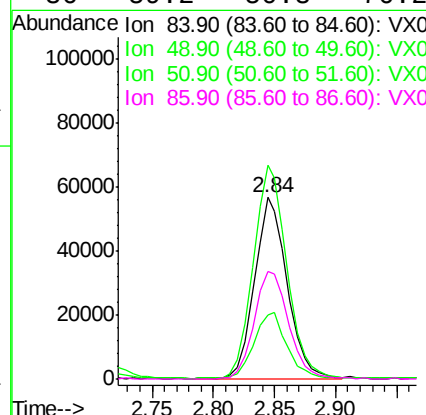
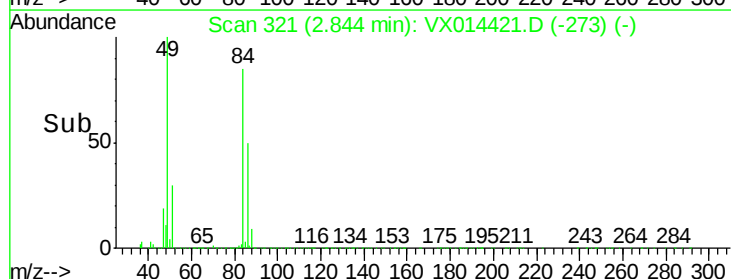
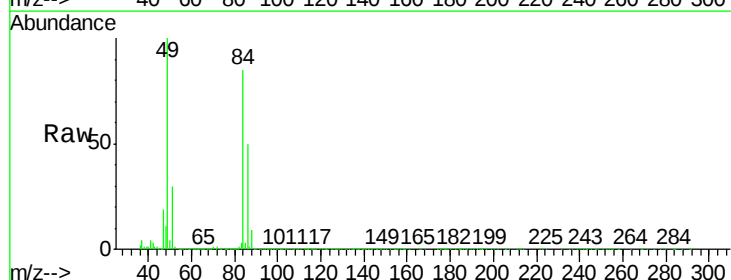
Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#20
Methylene Chloride
Concen: 17.675 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion: 84 Resp: 104099
Ion Ratio Lower Upper
84 100
49 118.0 95.8 143.6
51 35.2 29.8 44.8
86 59.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.227 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

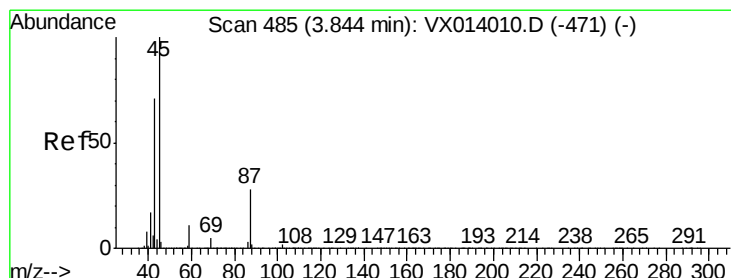
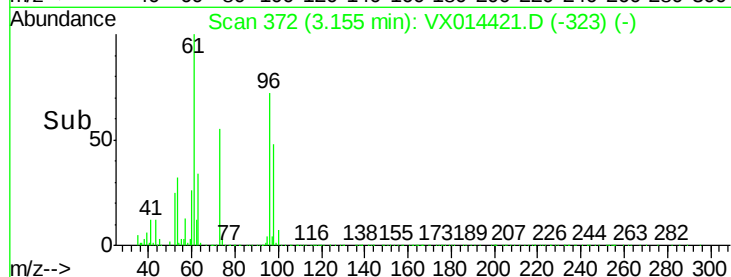
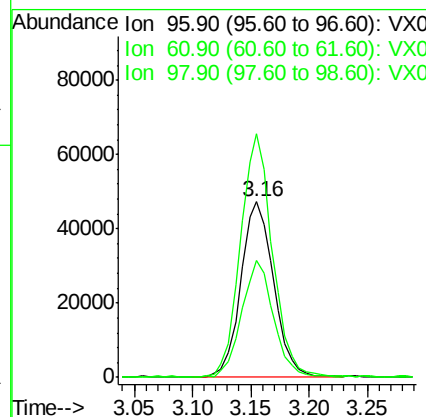
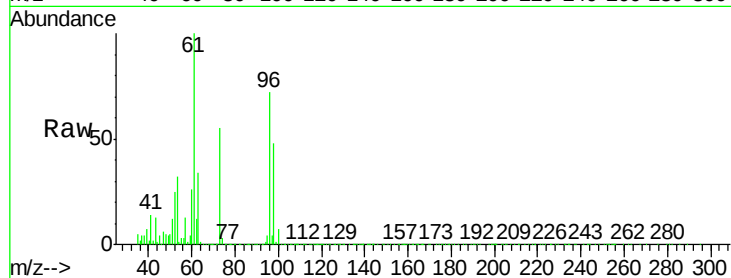
ClientSampleId :

VX0106WBS01

Tgt Ion:	96	Resp:	92800
Ion	Ratio	Lower	Upper
96	100		
61	138.5	108.3	162.5
98	66.1	50.8	76.2

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#22

Diisopropyl ether

Concen: 19.436 ug/l

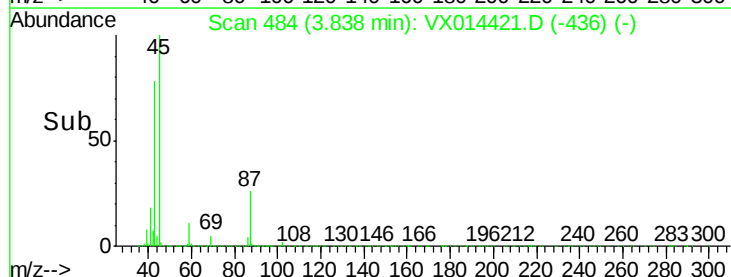
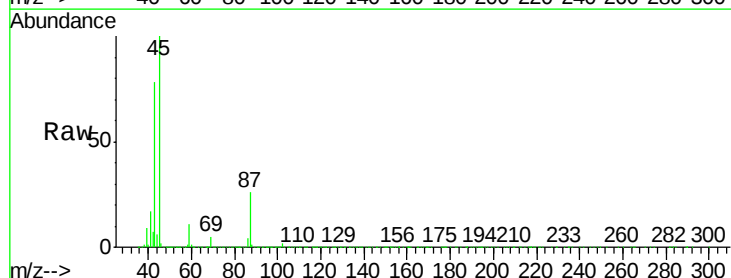
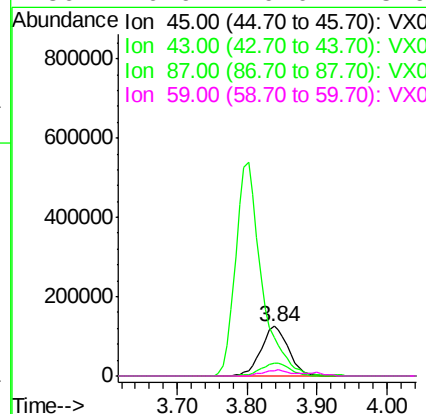
RT: 3.84 min Scan# 484

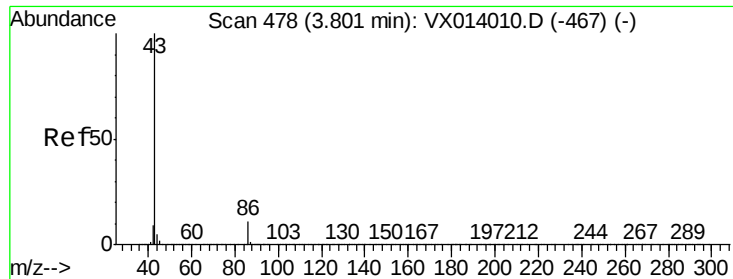
Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion:	45	Resp:	338133
Ion	Ratio	Lower	Upper
45	100		
43	77.5	57.4	86.0
87	26.1	21.9	32.9
59	10.9	9.0	13.6





#23

Vinyl Acetate

Concen: 97.947 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0106WBS01

Tgt Ion: 43 Resp: 1390541

Ion Ratio Lower Upper

43 100

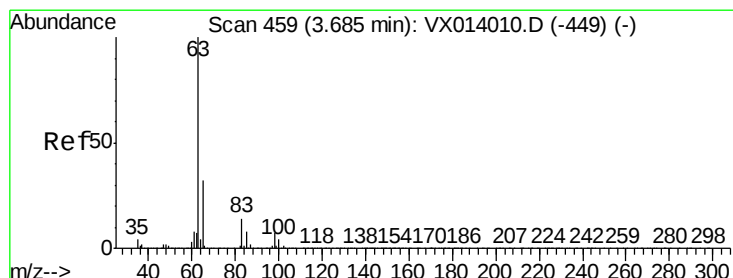
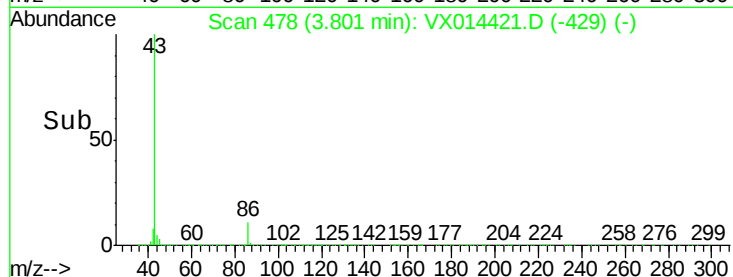
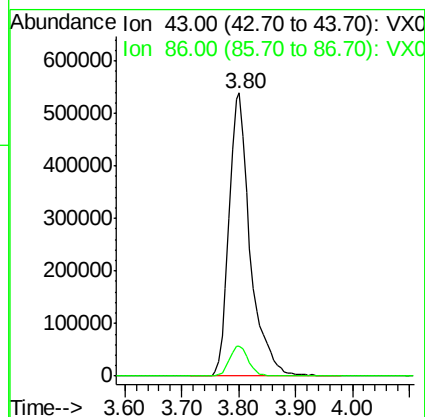
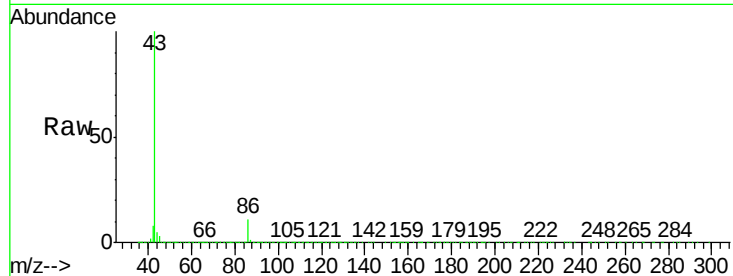
86 10.7 8.6 12.8

Manual Integrations

APPROVED

apatel

1/7/2020 9:09:11 AM



#24

1,1-Dichloroethane

Concen: 18.235 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

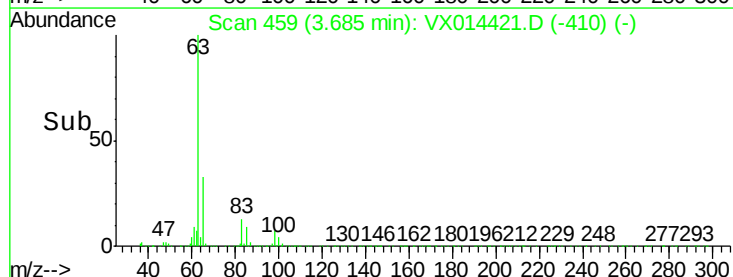
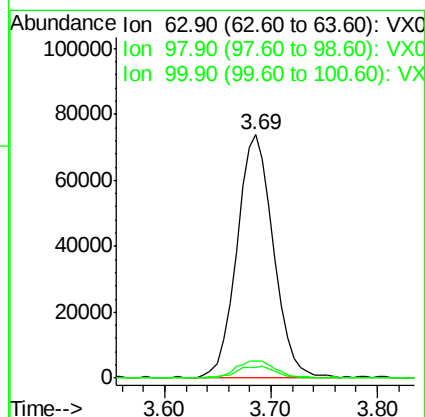
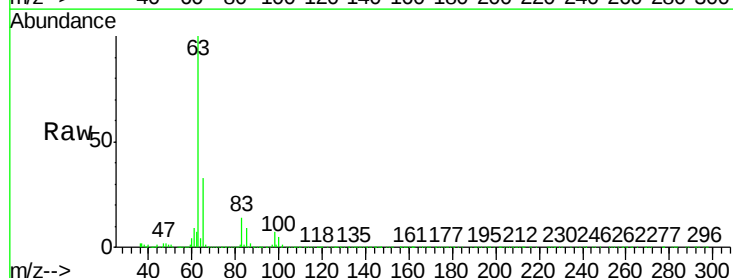
Tgt Ion: 63 Resp: 176497

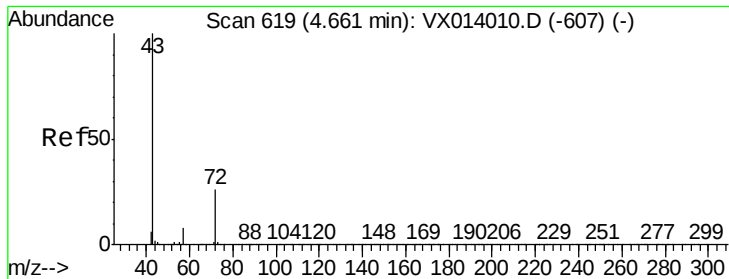
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 87.149 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampled :

VX0106WBS01

Tgt Ion: 43 Resp: 401849

Ion Ratio Lower Upper

43 100

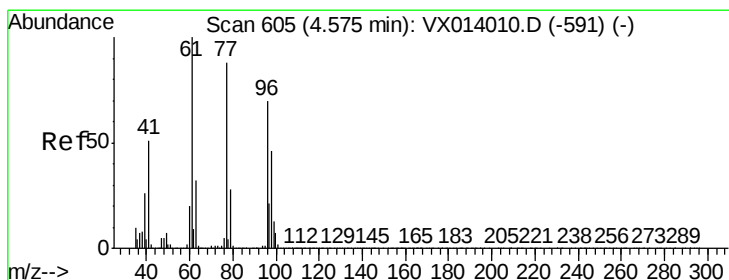
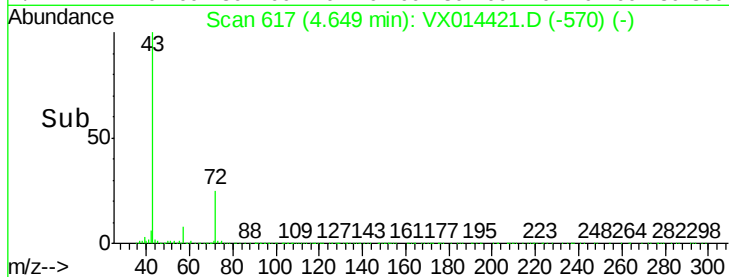
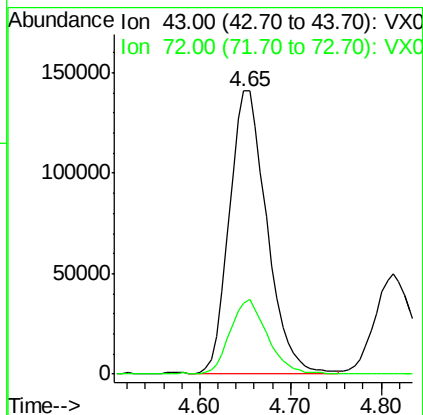
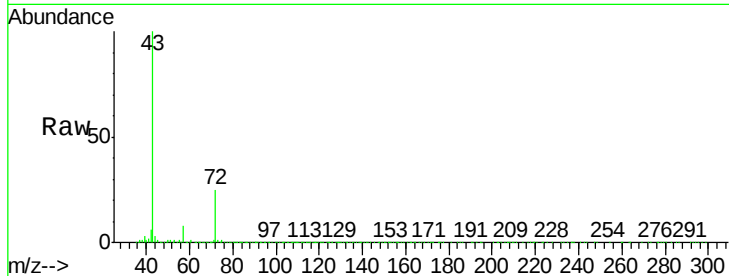
72 24.9 21.0 31.4

Manual Integrations

APPROVED

apatel

1/7/2020 9:09:11 AM



#26

2,2-Dichloropropane

Concen: 18.719 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014421.D

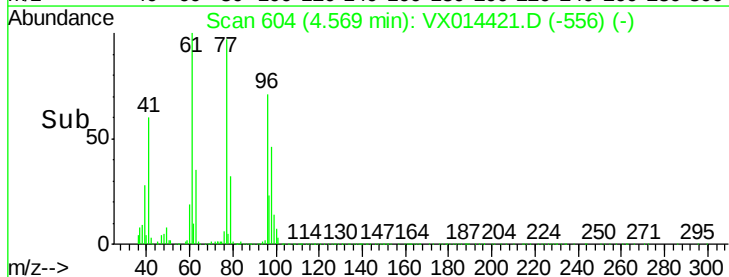
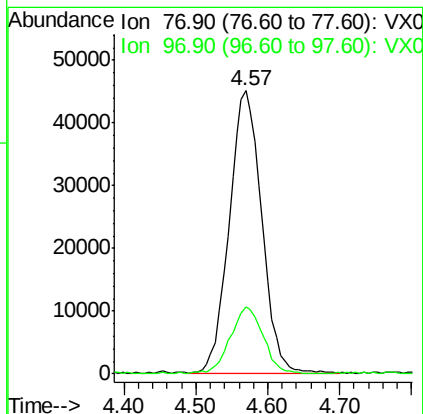
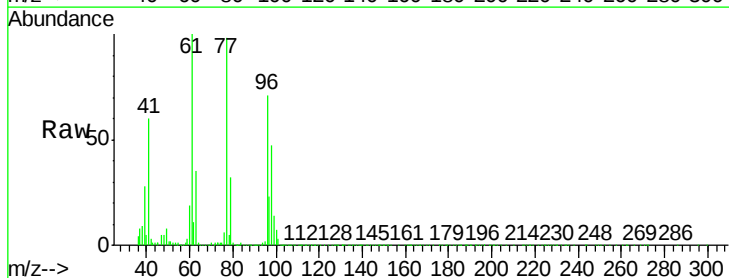
Acq: 06 Jan 2020 12:35

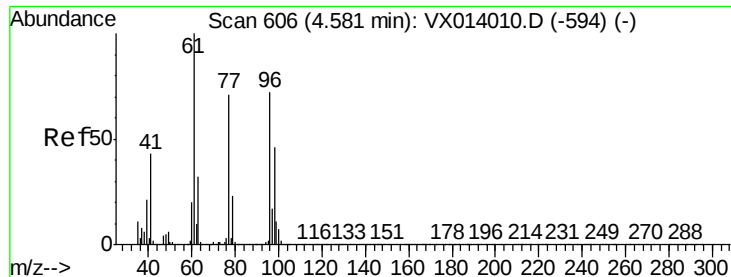
Tgt Ion: 77 Resp: 140674

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9





#27

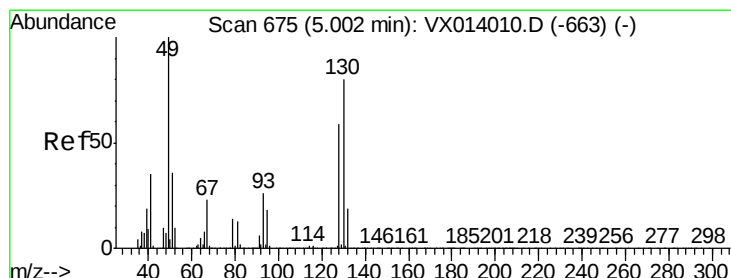
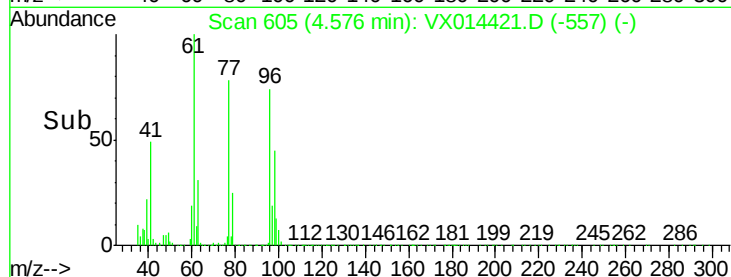
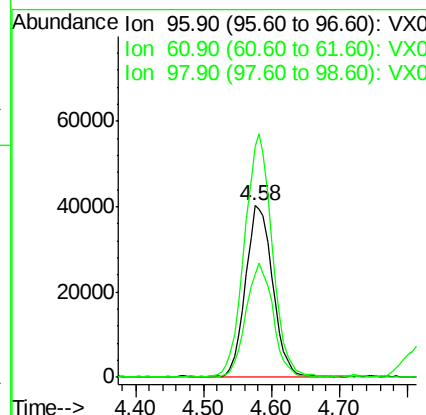
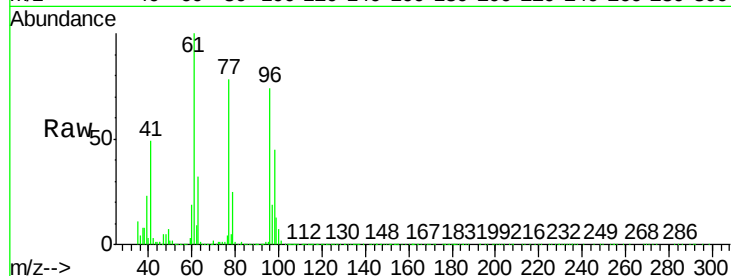
cis-1,2-Dichloroethene
Concen: 18.401 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	112099		
61	143.0	0.0	288.4	
98	65.9	0.0	129.6	

Manual Integrations
APPROVED

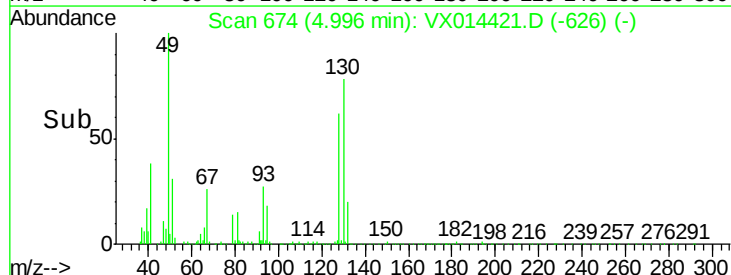
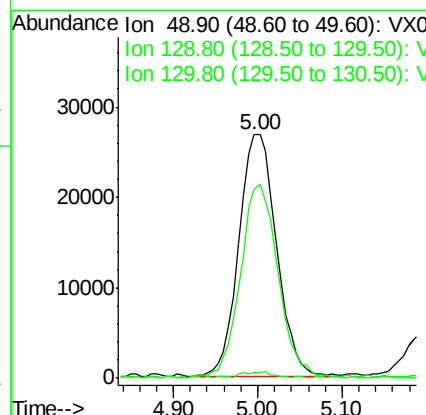
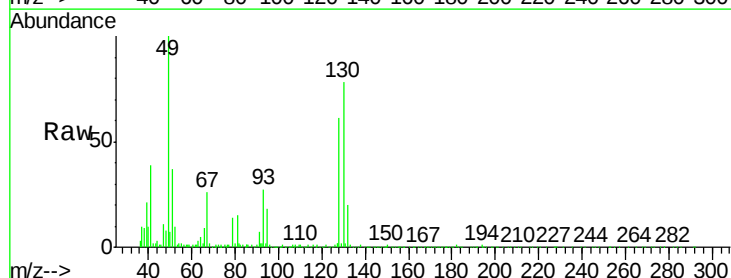
apatel
1/7/2020 9:09:11 AM

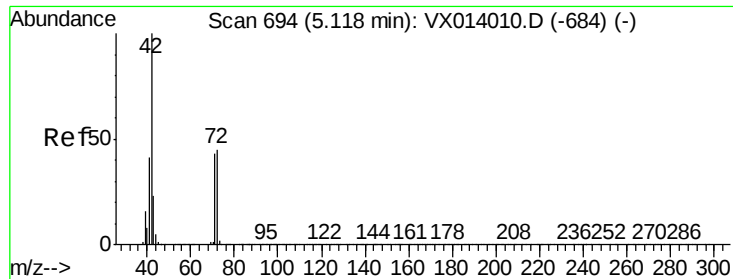


#28

Bromochloromethane
Concen: 22.108 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81345		
129	2.2	0.0	5.0	
130	79.6	64.6	97.0	





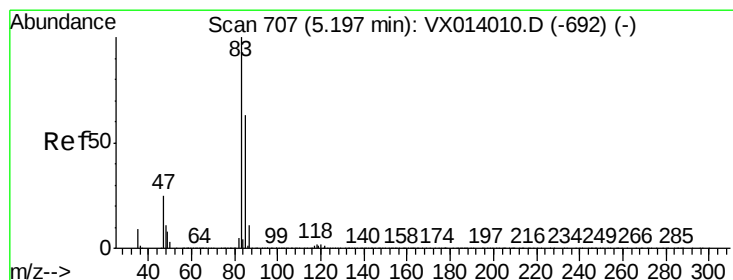
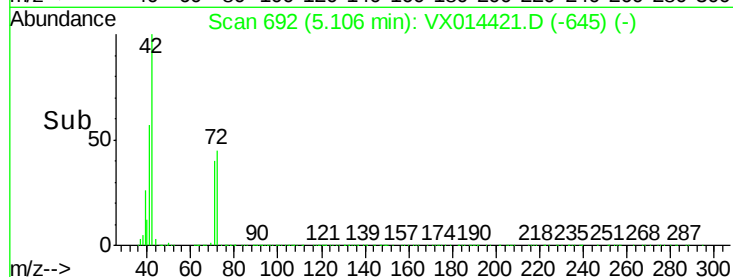
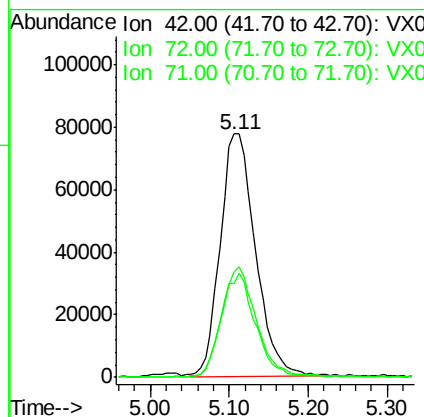
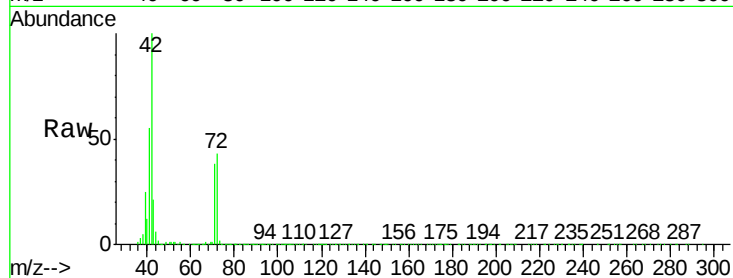
#29
Tetrahydrofuran
Concen: 93.282 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampled :
VX0106WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.8	53.8
71	42.2	33.6	50.4

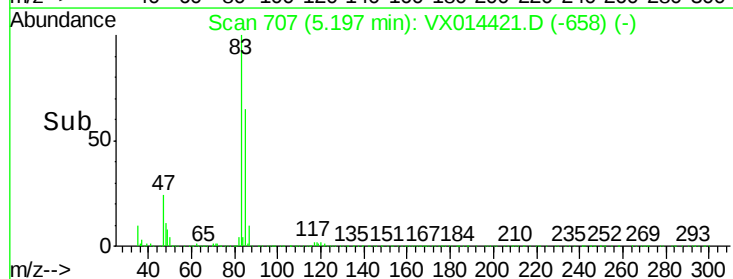
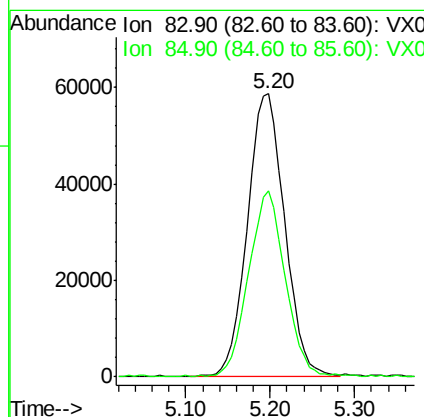
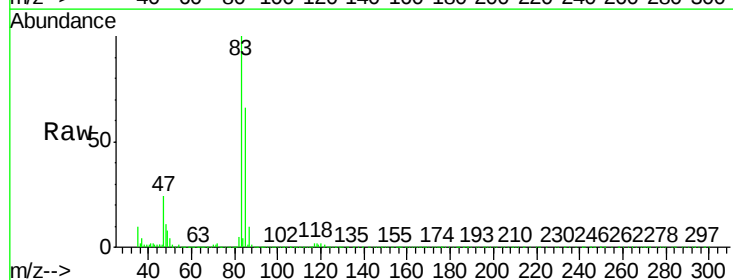
Manual Integrations
APPROVED

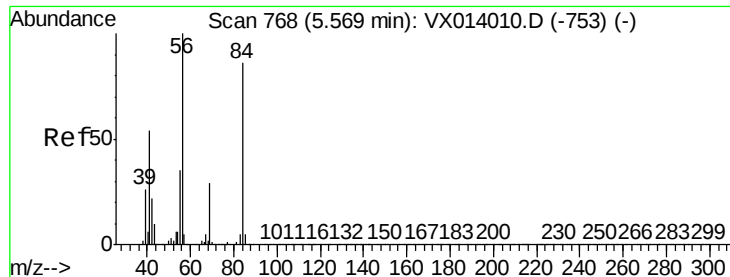
apatel
1/7/2020 9:09:11 AM



#30
Chloroform
Concen: 19.124 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.8	76.2





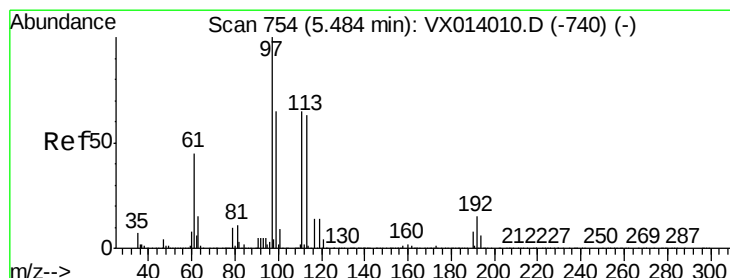
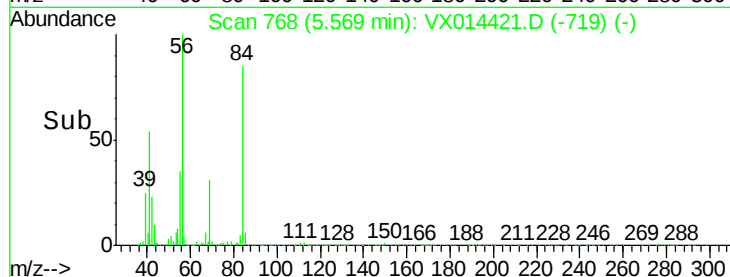
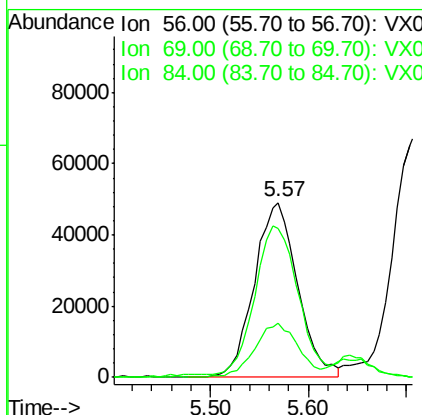
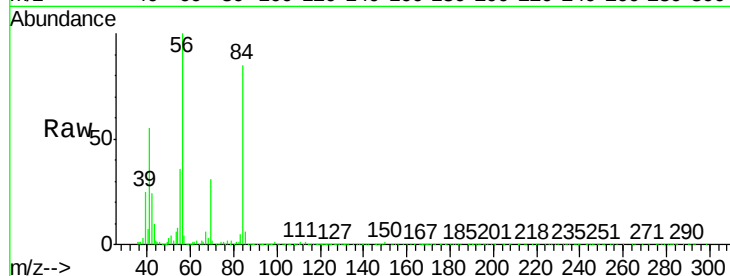
#31
Cyclohexane
Concen: 17.494 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.2	34.8
84	83.7	69.2	103.8

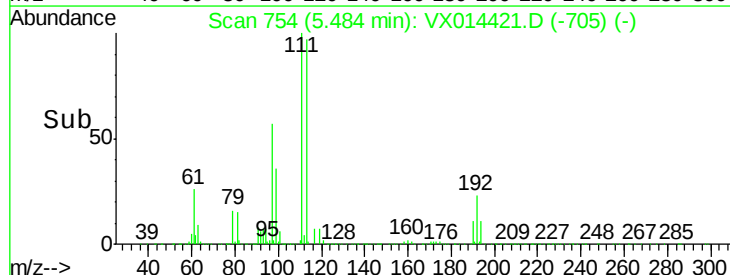
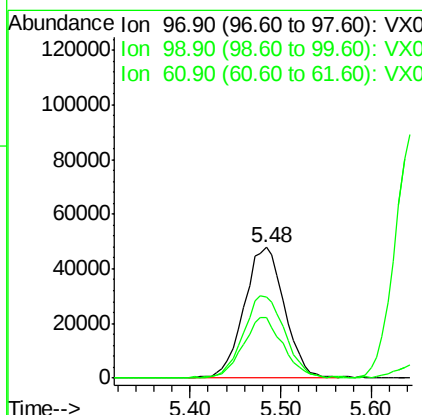
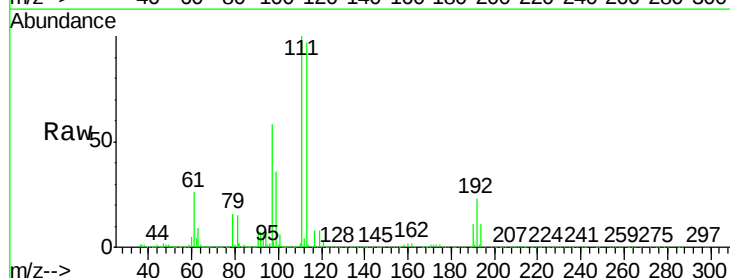
Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#32
1,1,1-Trichloroethane
Concen: 18.865 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	44.3	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 48.006 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0106WBS01

Tgt Ion: 65 Resp: 276556

Ion Ratio Lower Upper

65 100

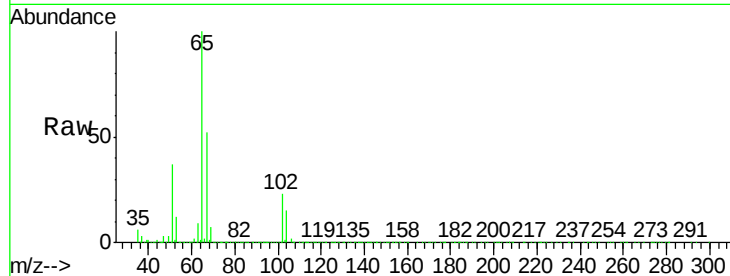
67 53.4 0.0 106.4

Manual Integrations

APPROVED

apatel

1/7/2020 9:09:11 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

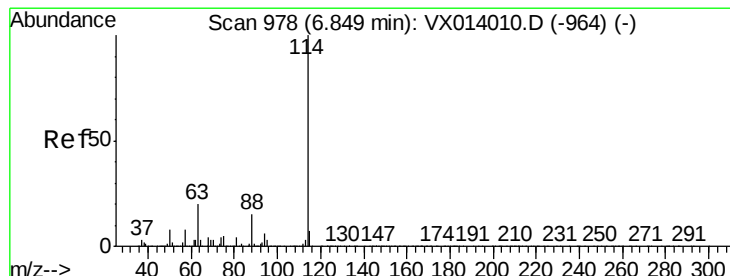
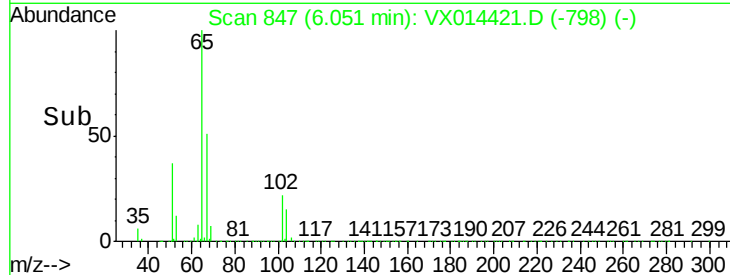
40000

20000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

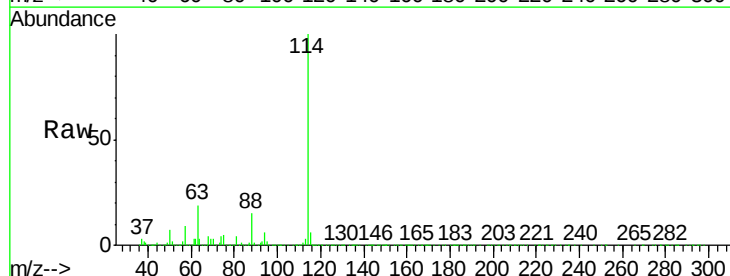
Tgt Ion: 114 Resp: 767551

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

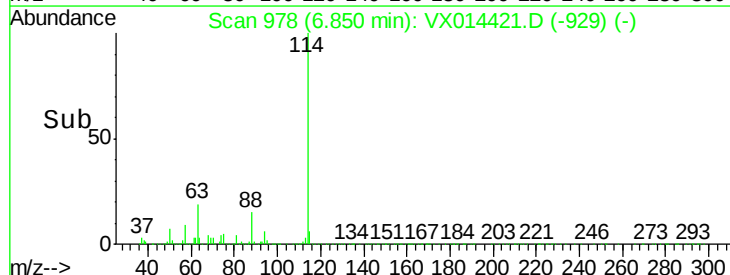
200000

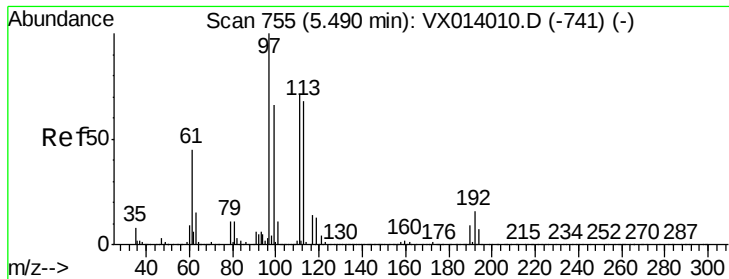
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.016 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

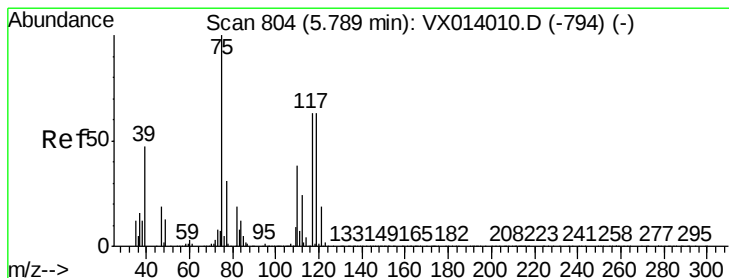
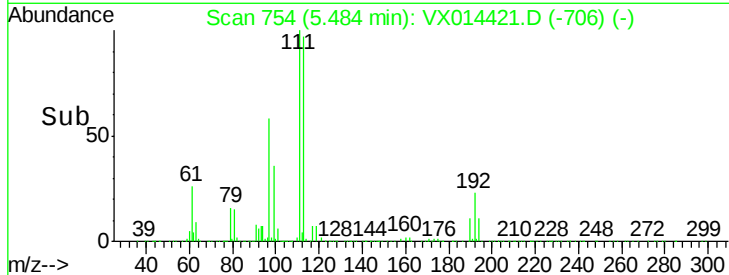
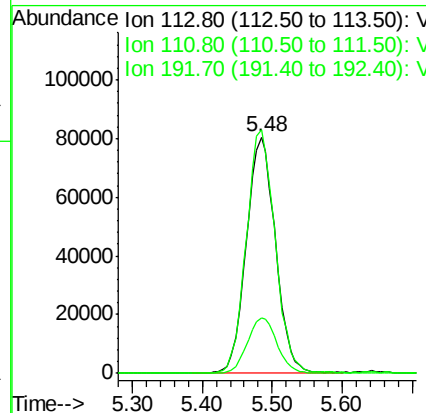
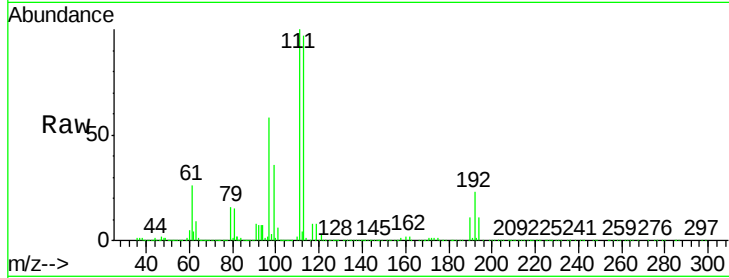
ClientSampled :

VX0106WBS01

Tgt Ion:	113	Resp:	233369
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.0	123.0
192	23.7	19.3	28.9

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#36

1,1-Dichloropropene

Concen: 17.794 ug/l

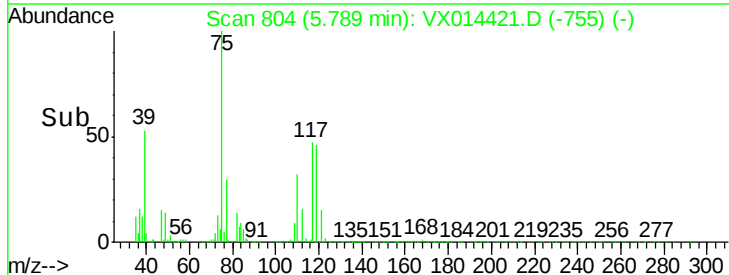
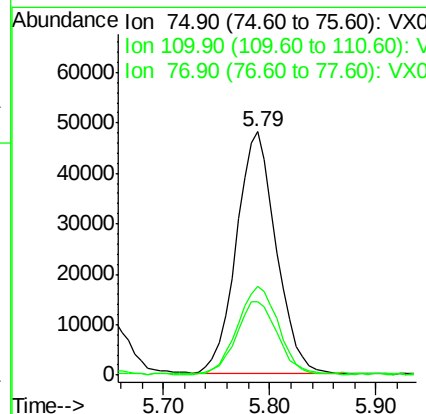
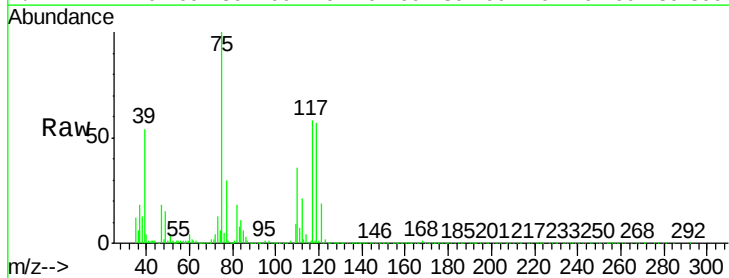
RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion:	75	Resp:	125315
Ion Ratio	Lower	Upper	
75	100		
110	38.1	18.3	54.9
77	30.8	24.8	37.2





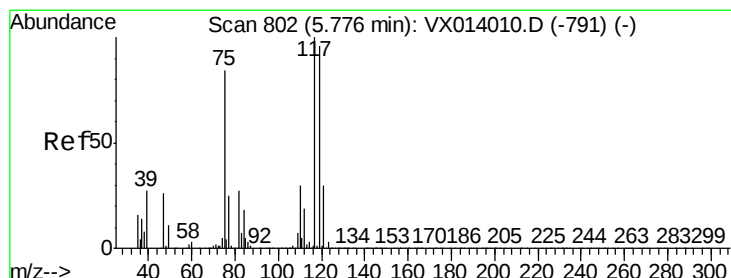
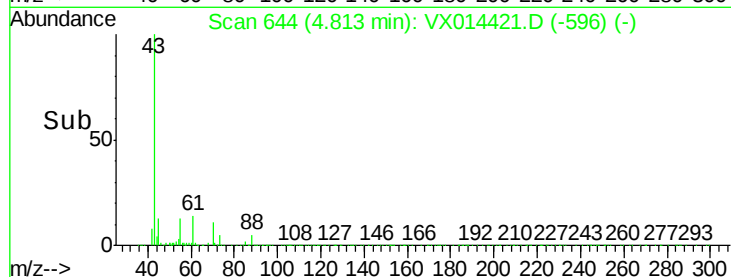
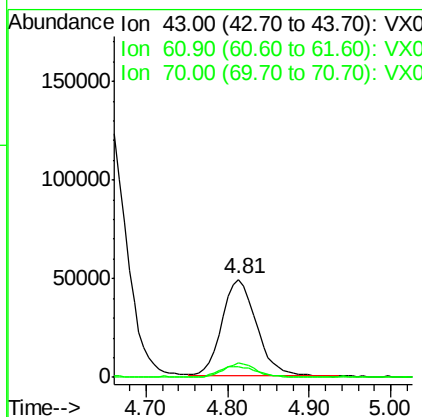
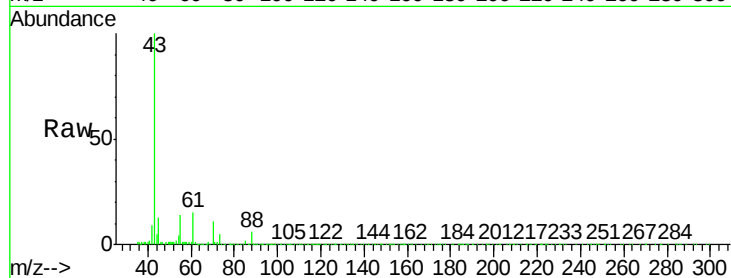
#37
Ethyl Acetate
Concen: 18.665 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	12.0	8.6	12.8

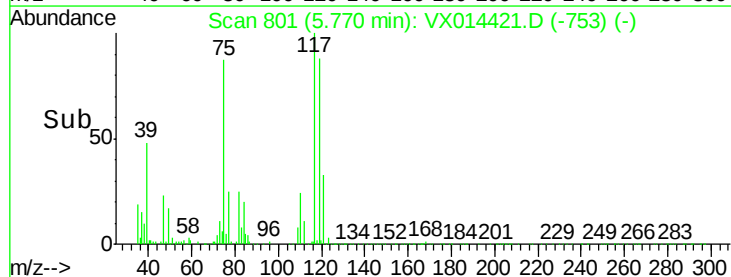
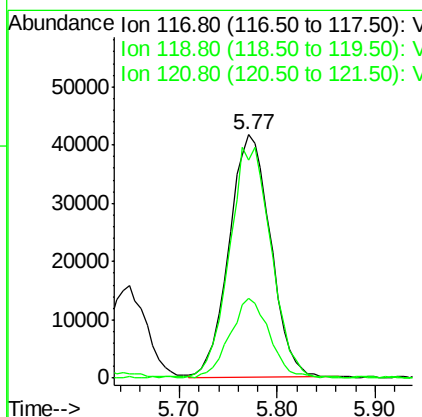
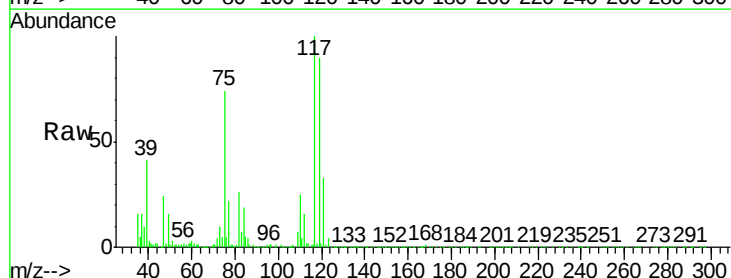
Manual Integrations
APPROVED

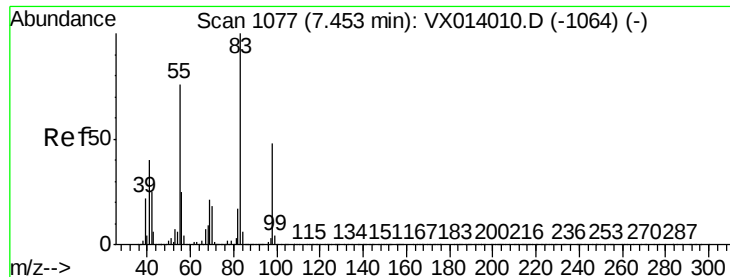
apatel
1/7/2020 9:09:11 AM



#38
Carbon Tetrachloride
Concen: 19.043 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.6	76.2	114.4
121	32.4	23.6	35.4





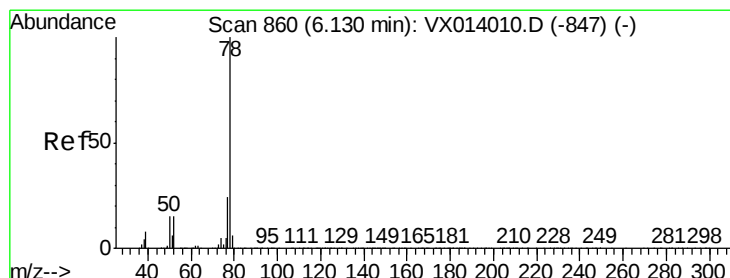
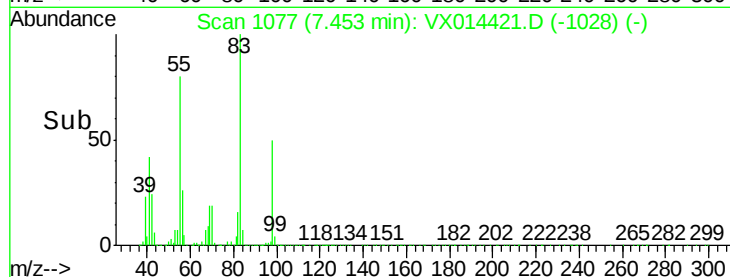
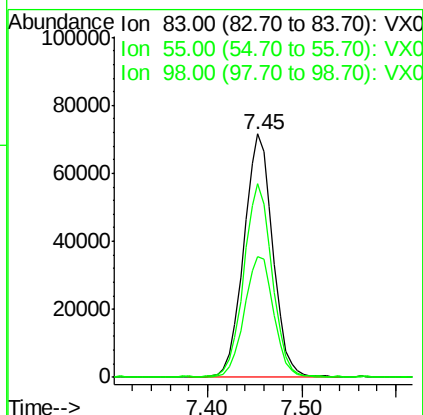
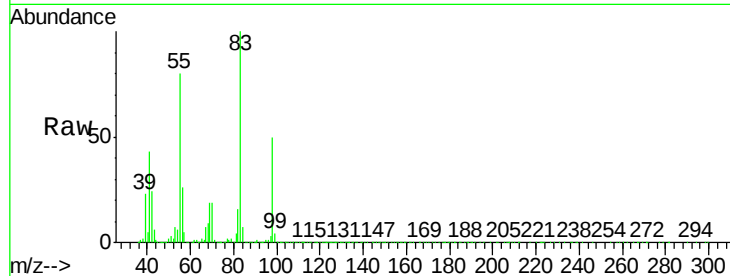
#39
Methylcyclohexane
Concen: 17.731 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	79.2	61.0	91.6
98	49.5	38.6	57.8

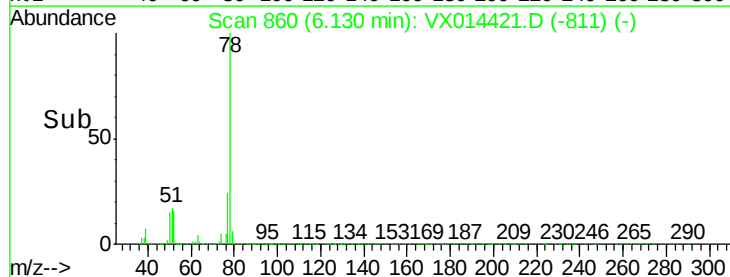
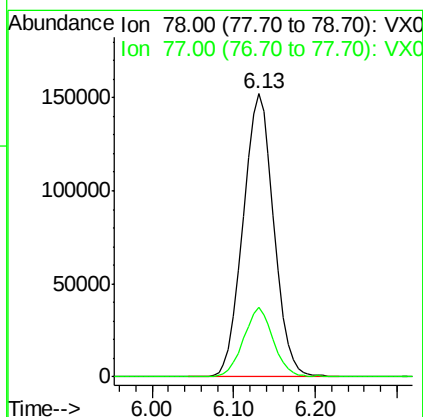
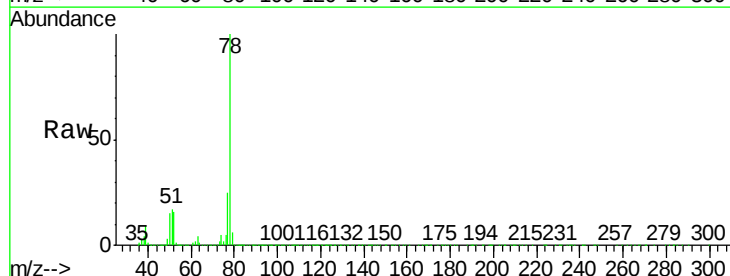
Manual Integrations
APPROVED

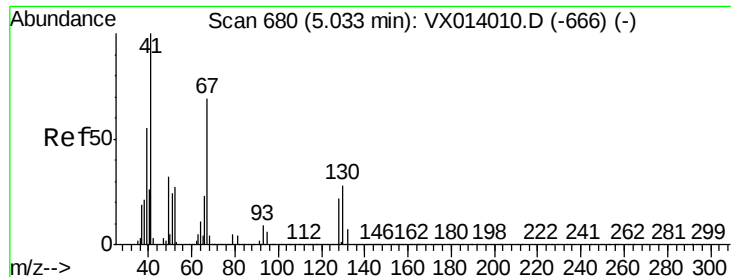
apatel
1/7/2020 9:09:11 AM



#40
Benzene
Concen: 18.387 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	24.6	18.8	28.2





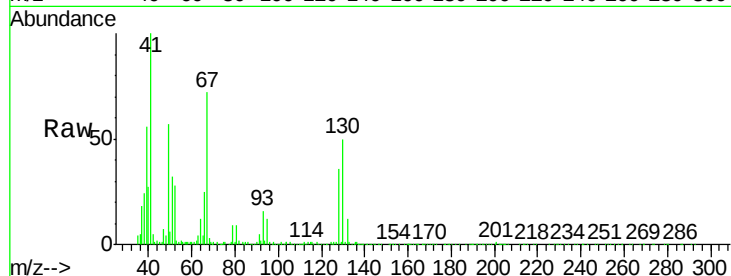
#41
Methacrylonitrile
Concen: 19.126 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Instrument :
MSVOA_X
ClientSampled :
VX0106WBS01

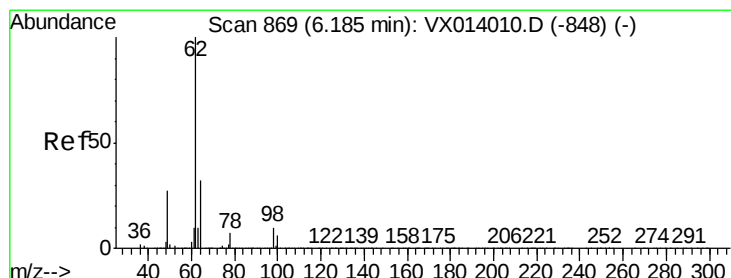
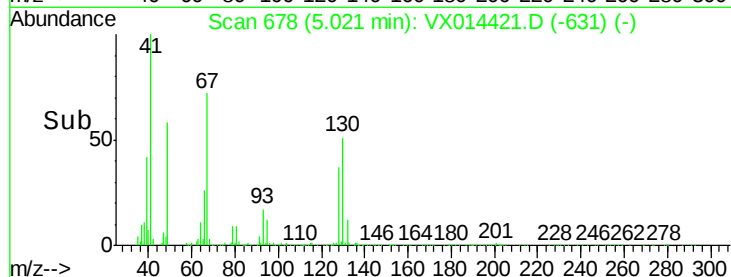
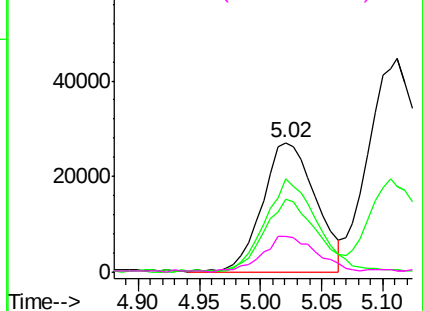
Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	67.6	57.4	86.0
52	28.4	23.0	34.4

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM

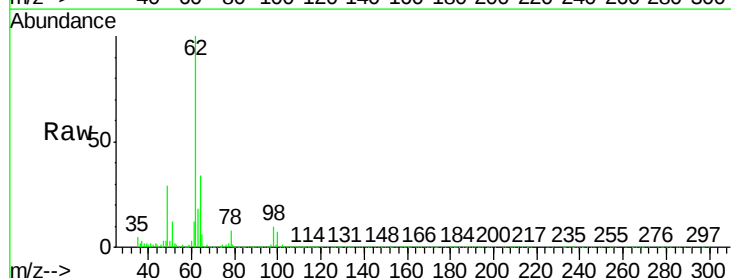


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

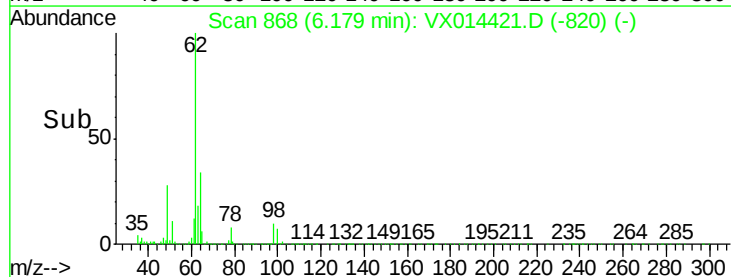
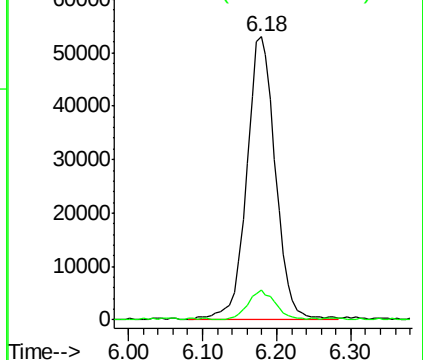


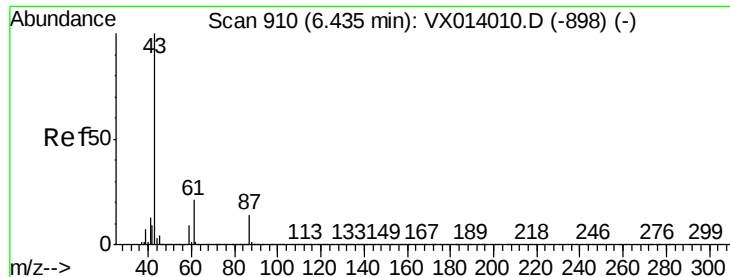
#42
1,2-Dichloroethane
Concen: 19.321 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014421.D
Acq: 06 Jan 2020 12:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.117 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

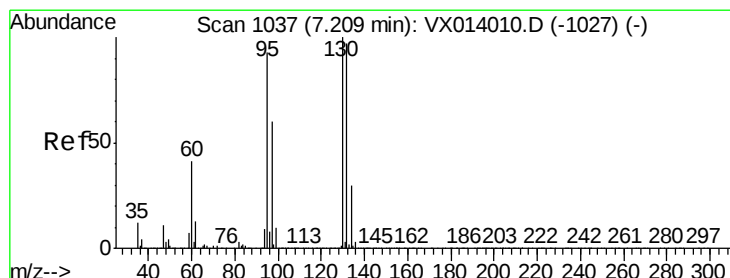
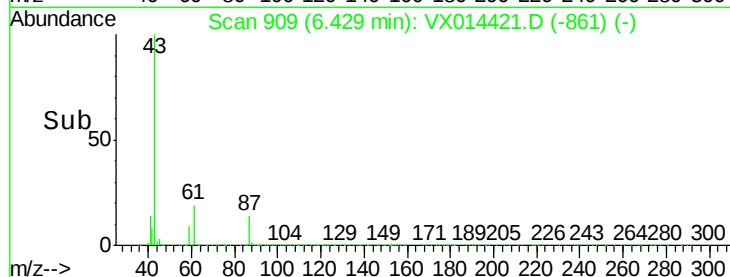
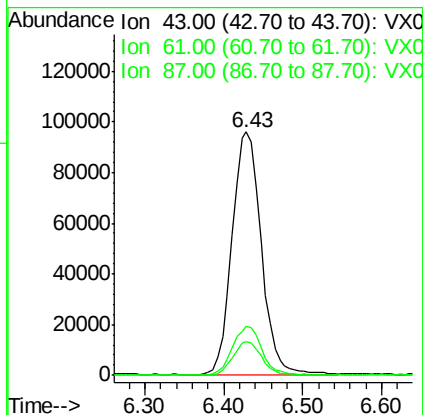
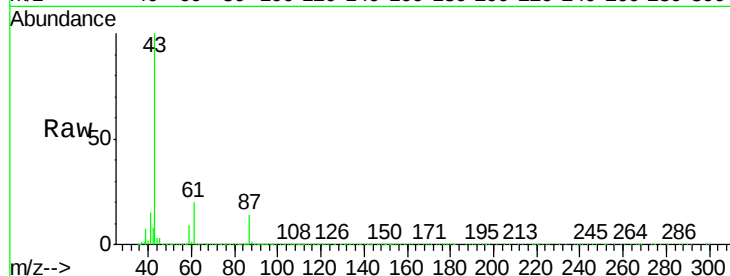
ClientSampleId :

VX0106WBS01

Tgt Ion:	43	Resp:	246047
Ion Ratio		Lower	Upper
43	100		
61	20.1	16.4	24.6
87	13.5	10.7	16.1

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#44

Trichloroethene

Concen: 18.659 ug/l

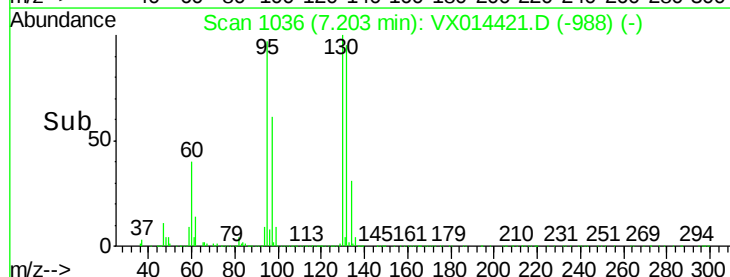
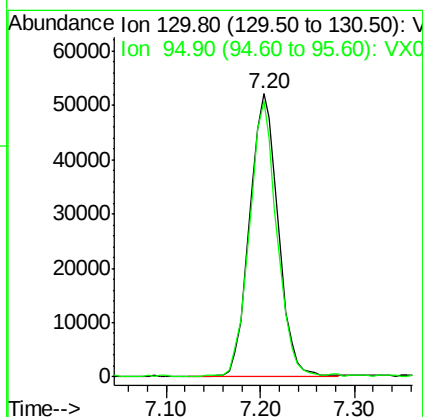
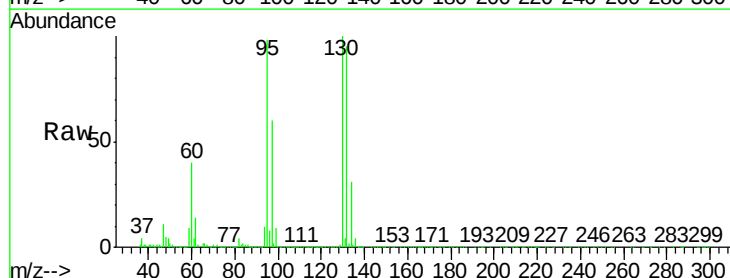
RT: 7.20 min Scan# 1036

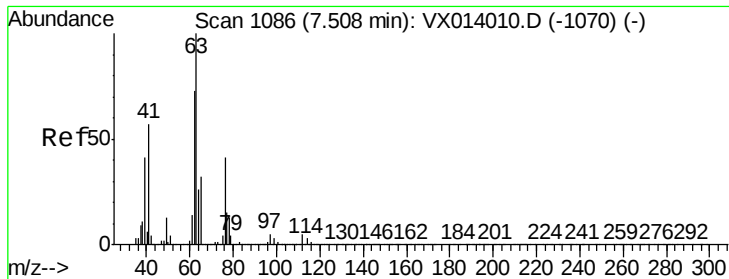
Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion:	130	Resp:	111683
Ion Ratio		Lower	Upper
130	100		
95	97.3	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.978 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

ClientSampled :

VX0106WBS01

Tgt Ion: 63 Resp: 105406

Ion Ratio Lower Upper

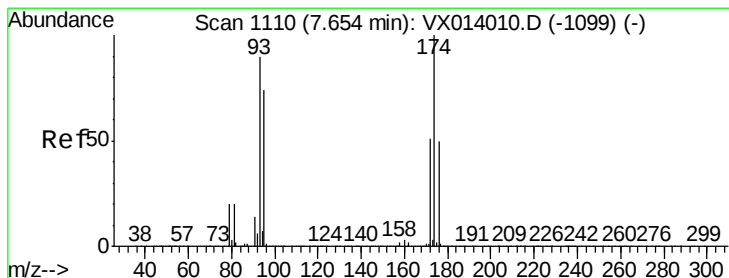
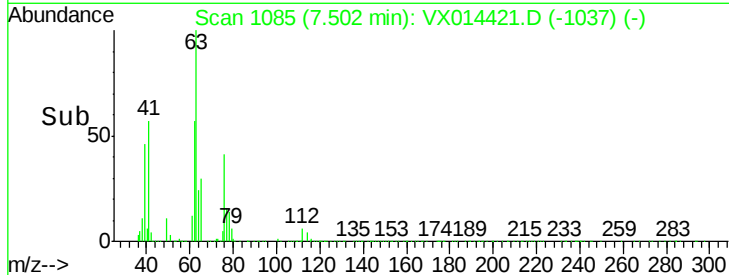
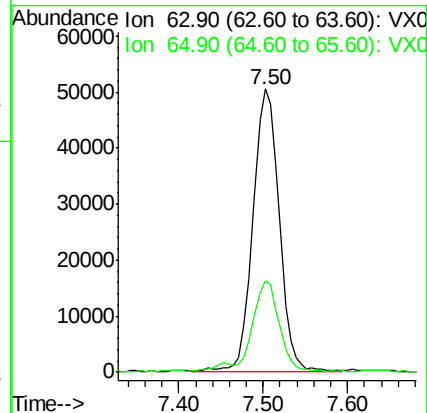
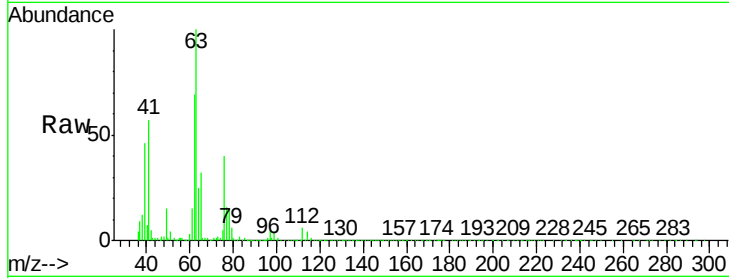
63 100

65 32.0 25.8 38.8

Manual Integrations
APPROVED

apatel

1/7/2020 9:09:11 AM



#46

Dibromomethane

Concen: 18.122 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

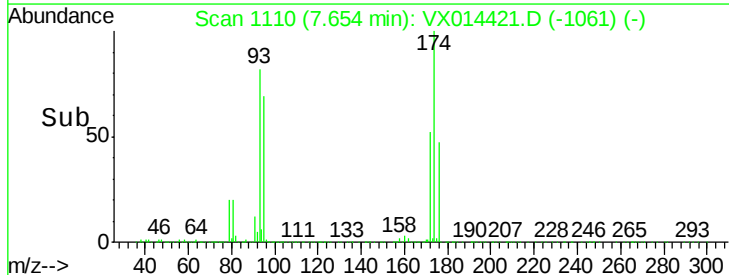
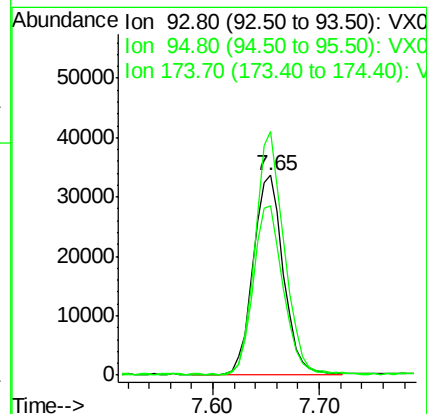
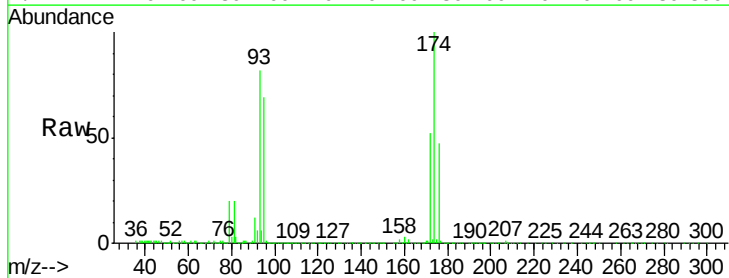
Tgt Ion: 93 Resp: 66545

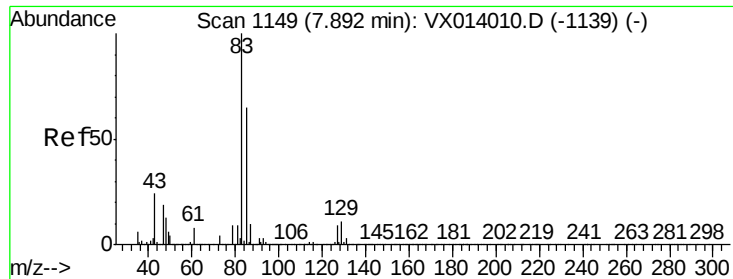
Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 118.6 91.6 137.4





#47

Bromodichloromethane

Concen: 19.488 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Instrument :

MSVOA_X

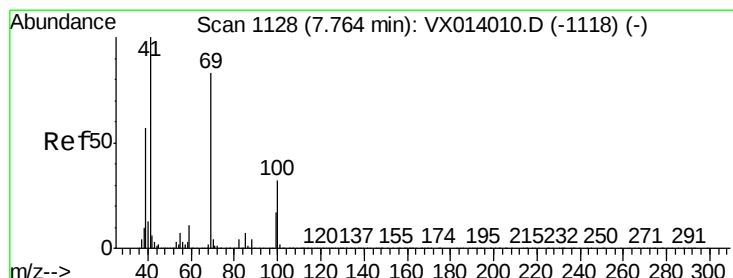
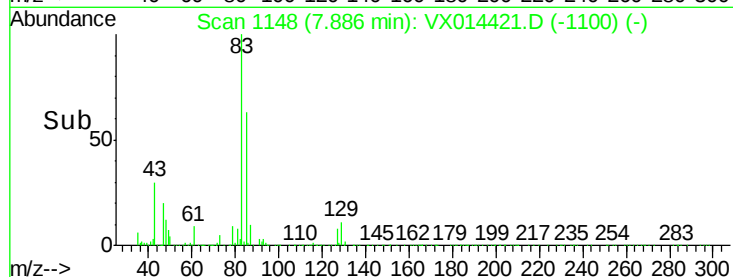
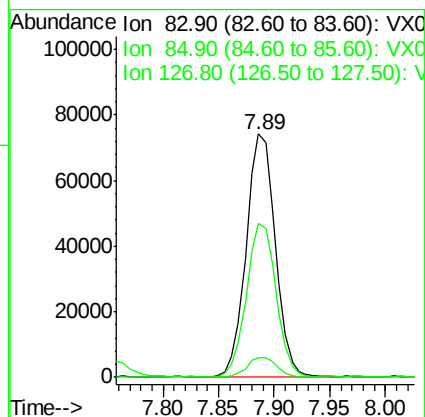
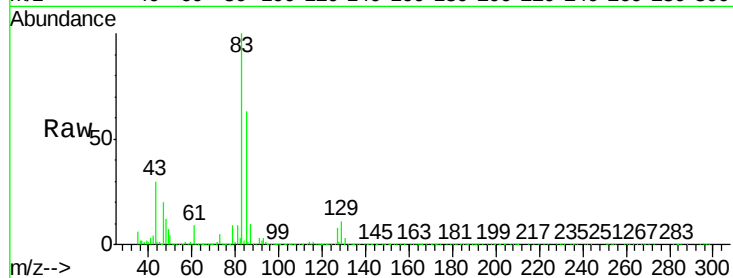
ClientSampleId :

VX0106WBS01

Tgt Ion:	83	Resp:	134778
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.8	77.8
127	8.0	7.0	10.4

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:11 AM



#48

Methyl methacrylate

Concen: 18.802 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014421.D

Acq: 06 Jan 2020 12:35

Tgt Ion:	41	Resp:	118500
Ion Ratio	Lower	Upper	
41	100		
69	80.8	65.8	98.6
39	54.6	44.6	67.0

