

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000362.D
 Acq On : 20 Mar 2018 14:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX032018

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:18 AM

Quant Time: Mar 21 04:56:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	135598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	91371	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
35) Dibromofluoromethane	5.51	113	71310	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
50) Toluene-d8	8.73	98	288846	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.15	95	113446	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	69833	46.73	ug/l	97
3) Chloromethane	1.32	50	73350	46.59	ug/l	97
4) Vinyl Chloride	1.41	62	81407	48.94	ug/l	99
5) Bromomethane	1.64	94	111902	56.18	ug/l	97
6) Chloroethane	1.73	64	52186	52.64	ug/l	97
7) Trichlorofluoromethane	1.93	101	140439	46.77	ug/l	98
8) Diethyl Ether	2.19	74	50265	46.84	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	81345	48.59	ug/l	99
10) Methyl Iodide	2.52	142	74423	45.30	ug/l	99
11) Tert butyl alcohol	3.07	59	144248	236.92	ug/l	100
12) 1,1-Dichloroethene	2.38	96	69956	47.60	ug/l	92
13) Acrolein	2.29	56	49986	256.71	ug/l	95
14) Allyl chloride	2.73	41	128135	49.36	ug/l	98
15) Acrylonitrile	3.15	53	292926	237.54	ug/l	100
16) Acetone	2.45	43	357972	243.11	ug/l	98
17) Carbon Disulfide	2.57	76	191341	48.94	ug/l	99
18) Methyl Acetate	2.78	43	146037	47.31	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	260615	47.94	ug/l	99
20) Methylene Chloride	2.86	84	79778	46.91	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	76791	46.84	ug/l	98
22) Diisopropyl ether	3.87	45	253517	55.18	ug/l	98
23) Vinyl Acetate	3.83	43	1216290	279.25	ug/l	98
24) 1,1-Dichloroethane	3.70	63	142049	49.17	ug/l	100
25) 2-Butanone	4.71	43	407533	246.24	ug/l	99
26) 2,2-Dichloropropane	4.59	77	103030	50.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	72658	47.42	ug/l	100
28) Bromochloromethane	5.03	49	58891	49.44	ug/l	99
29) Tetrahydrofuran	5.17	42	257426	252.80	ug/l	98
30) Chloroform	5.23	83	138635	51.21	ug/l	95
31) Cyclohexane	5.58	56	112372	50.32	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	122134	50.01	ug/l	98
36) 1,1-Dichloropropene	5.81	75	102677	51.08	ug/l	99
37) Ethyl Acetate	4.86	43	135772	49.44	ug/l	99
38) Carbon Tetrachloride	5.79	117	107735	51.08	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000362.D
 Acq On : 20 Mar 2018 14:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX032018

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:18 AM

Quant Time: Mar 21 04:56:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	130381	53.33	ug/l	97
40) Benzene	6.15	78	304860	52.22	ug/l	100
41) Methacrylonitrile	5.06	41	72152	49.84	ug/l	98
42) 1,2-Dichloroethane	6.20	62	117764	51.41	ug/l	98
43) Isopropyl Acetate	6.48	43	216194	52.89	ug/l	99
44) Trichloroethene	7.22	130	87159	52.11	ug/l	94
45) 1,2-Dichloropropane	7.53	63	79487	53.19	ug/l	99
46) Dibromomethane	7.67	93	60430	51.52	ug/l	99
47) Bromodichloromethane	7.90	83	113227	54.87	ug/l	96
48) Methyl methacrylate	7.79	41	106807	53.82	ug/l	98
49) 1,4-Dioxane	7.76	88	42682	1023.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	842423	266.26	ug/l	100
52) Toluene	8.79	92	209997	51.45	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	131987	55.19	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	129998	56.04	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	84603	50.41	ug/l	98
56) Ethyl methacrylate	9.19	69	136176	53.55	ug/l	99
57) 1,3-Dichloropropane	9.38	76	139740	52.06	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	335171	274.60	ug/l	98
59) 2-Hexanone	9.51	43	713437	265.56	ug/l	100
60) Dibromochloromethane	9.59	129	93627	47.38	ug/l	98
61) 1,2-Dibromoethane	9.68	107	94699	52.62	ug/l	99
64) Tetrachloroethene	9.34	164	85048	51.08	ug/l	96
65) Chlorobenzene	10.15	112	246086	51.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	86506	53.34	ug/l	98
67) Ethyl Benzene	10.26	91	431606	53.32	ug/l	99
68) m/p-Xylenes	10.37	106	341622	107.25	ug/l	100
69) o-Xylene	10.71	106	164500	53.34	ug/l	99
70) Styrene	10.72	104	279808	54.83	ug/l	98
71) Bromoform	10.87	173	78308	46.69	ug/l #	97
73) Isopropylbenzene	11.02	105	459378	50.95	ug/l	99
74) N-amyl acetate	6.48	43	216194	55.36	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160985	50.48	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	149060m	50.97	ug/l	
77) Bromobenzene	11.26	156	113243	47.15	ug/l	99
78) n-propylbenzene	11.37	91	546514	50.83	ug/l	100
79) 2-Chlorotoluene	11.43	91	309458	49.82	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	402223	53.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	49751	55.07	ug/l	98
82) 4-Chlorotoluene	11.52	91	387142	52.20	ug/l	99
83) tert-Butylbenzene	11.78	119	396231	51.82	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	414936	52.20	ug/l	99
85) sec-Butylbenzene	11.96	105	497179	52.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	456430	54.32	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	225145	49.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	240291	50.39	ug/l	99
89) n-Butylbenzene	12.40	91	424017	54.20	ug/l	100
90) Hexachloroethane	12.60	117	72145	54.55	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	229403	51.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46350	52.11	ug/l	94

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
Data File : VX000362.D
Acq On : 20 Mar 2018 14:22
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM

Quant Time: Mar 21 04:56:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 20 14:01:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159318	49.91	ug/l	98
94) Hexachlorobutadiene	13.79	225	68666	51.95	ug/l	99
95) Naphthalene	13.84	128	569597	51.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	155674	49.36	ug/l	99

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

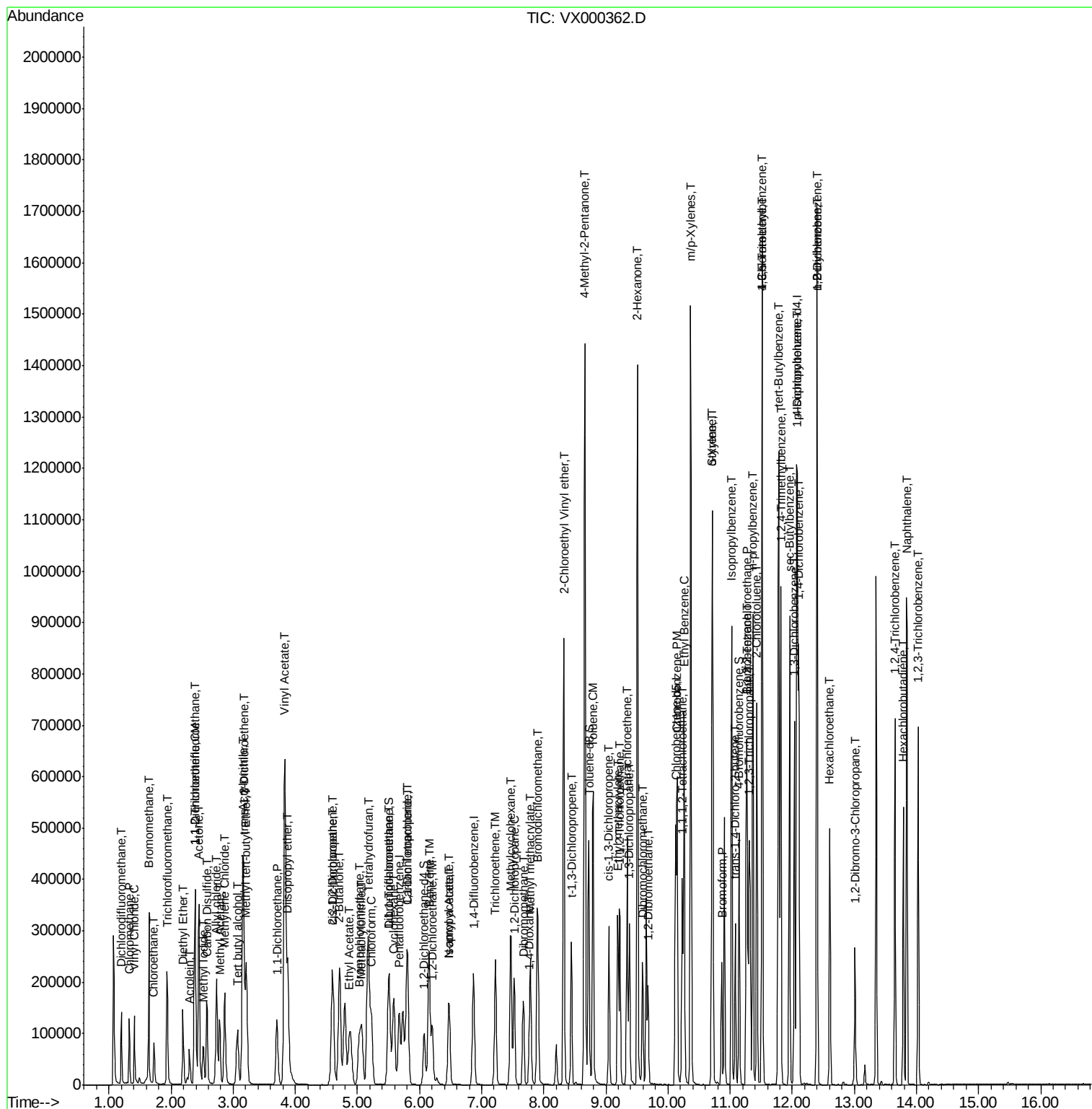
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000362.D
 Acq On : 20 Mar 2018 14:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

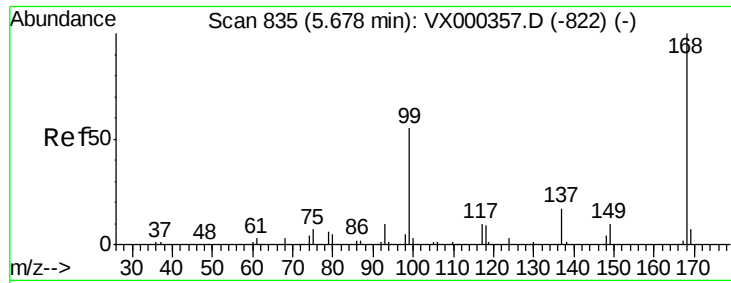
Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX032018

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:18 AM

Quant Time: Mar 21 04:56:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032018

Tot Ion:168 Resp: 135598

Ion Ratio Lower Upper

168 100

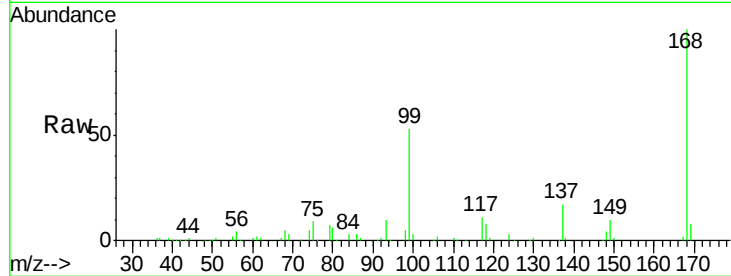
99 52.9 45.8 68.6

Manual Integrations

APPROVED

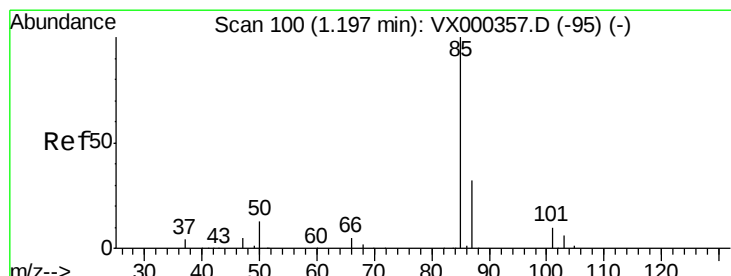
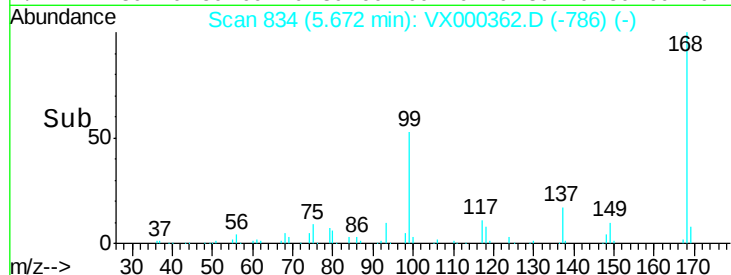
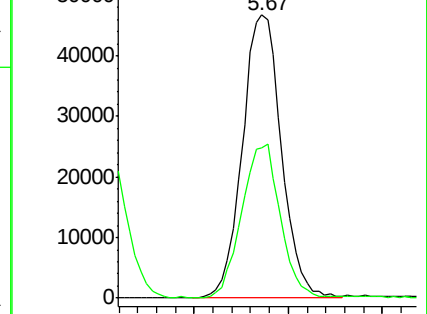
sam

3/21/2018 11:44:18 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.73 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000362.D

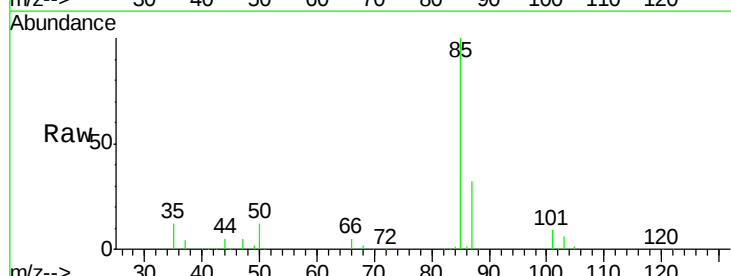
Acq: 20 Mar 2018 14:22

Tgt Ion: 85 Resp: 69833

Ion Ratio Lower Upper

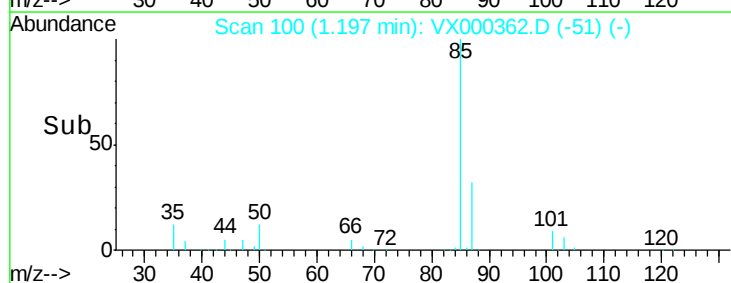
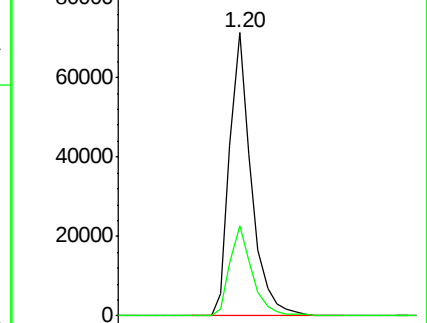
85 100

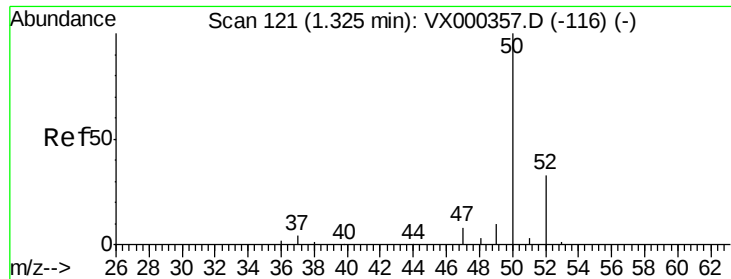
87 31.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032018

Tot Ion: 50 Resp: 73350

Ion Ratio Lower Upper

50 100

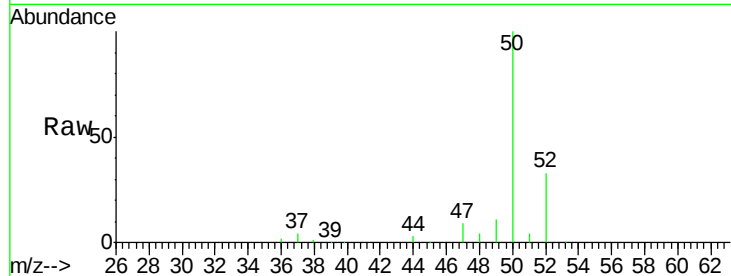
52 32.8 27.5 41.3

Manual Integrations

APPROVED

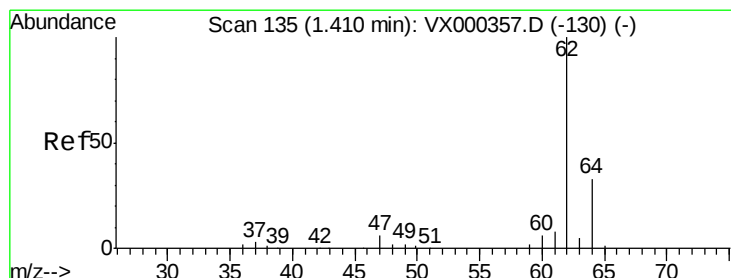
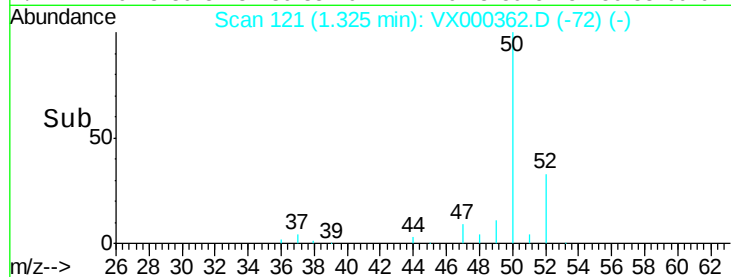
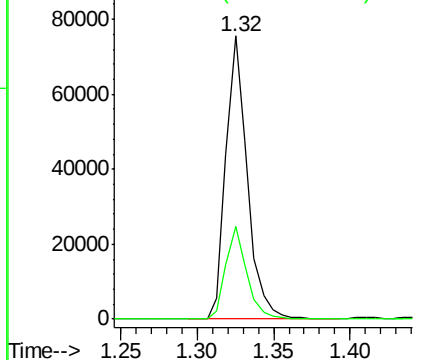
sam

3/21/2018 11:44:18 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.94 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000362.D

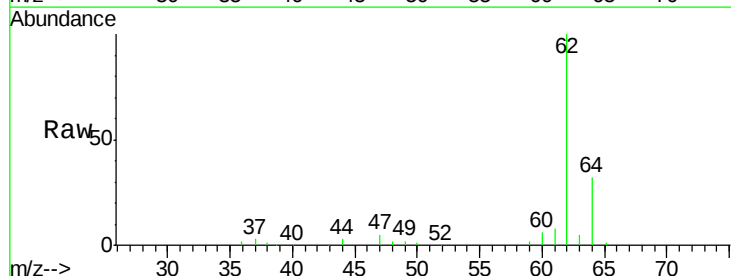
Acq: 20 Mar 2018 14:22

Tgt Ion: 62 Resp: 81407

Ion Ratio Lower Upper

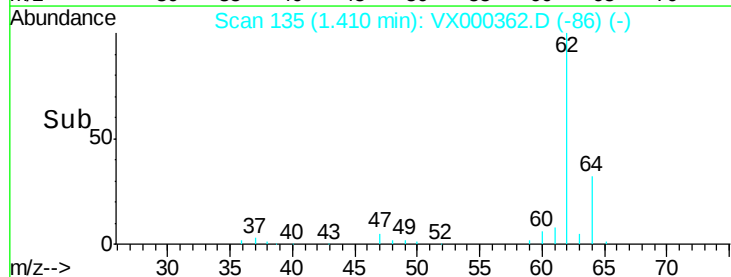
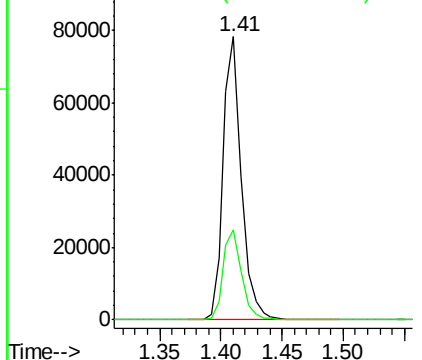
62 100

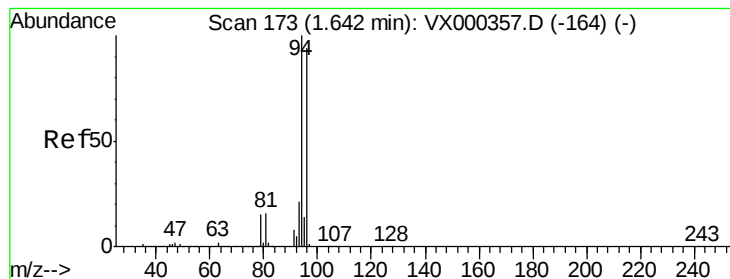
64 31.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.18 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

ICVX032018

Tot Ion: 94 Resp: 111902

Ion Ratio Lower Upper

94 100

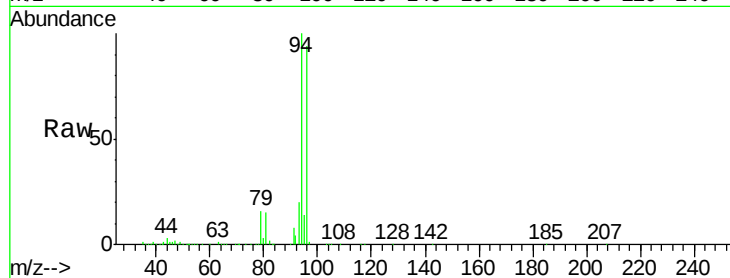
96 94.4 77.7 116.5

Manual Integrations

APPROVED

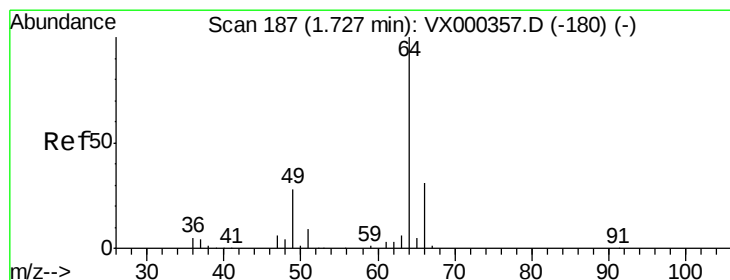
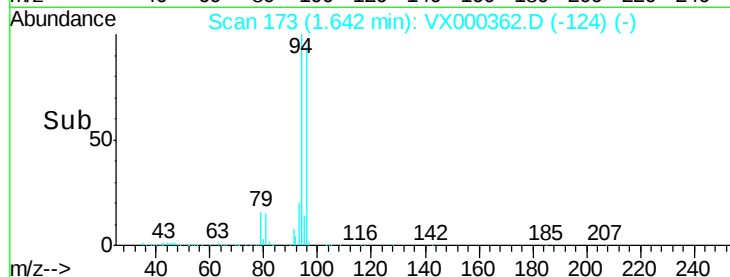
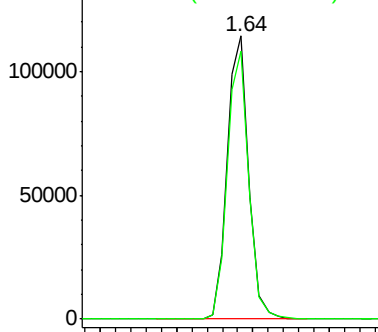
sam

3/21/2018 11:44:18 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.64 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000362.D

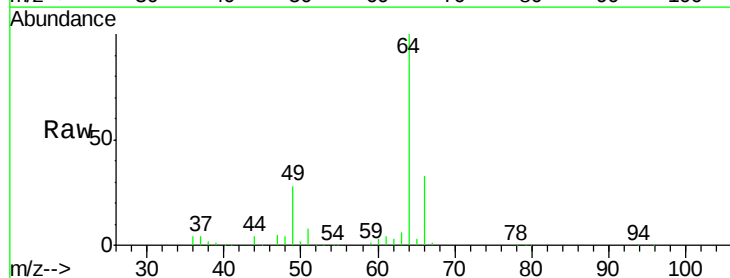
Acq: 20 Mar 2018 14:22

Tgt Ion: 64 Resp: 52186

Ion Ratio Lower Upper

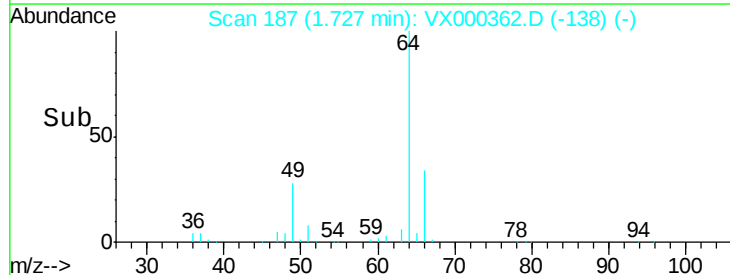
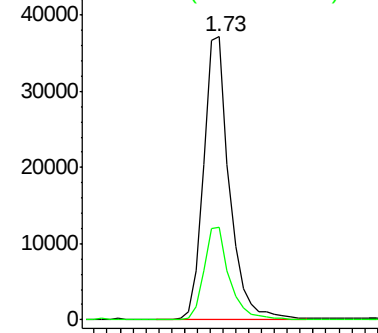
64 100

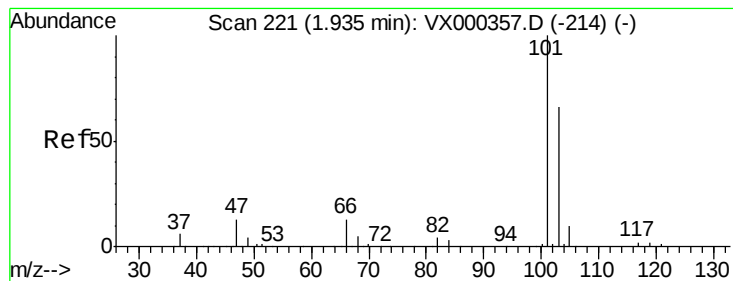
66 32.7 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

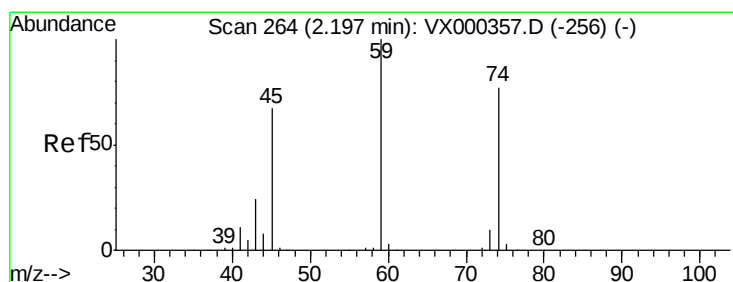
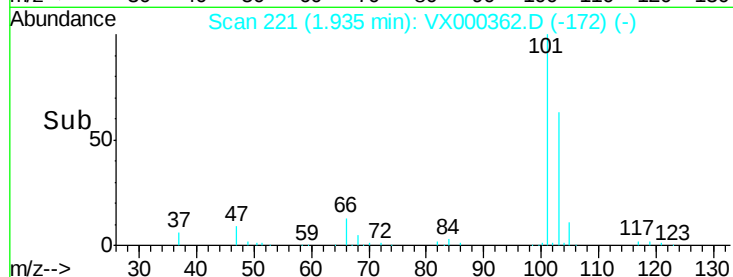
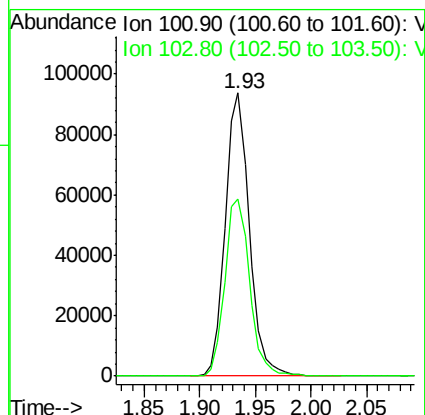
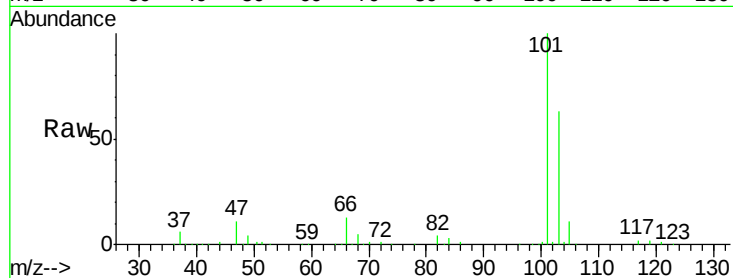
Trichlorofluoromethane
 Concen: 46.77 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032018

Tot Ion:101 Resp: 140439
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.6 77.4

Manual Integrations
 APPROVED

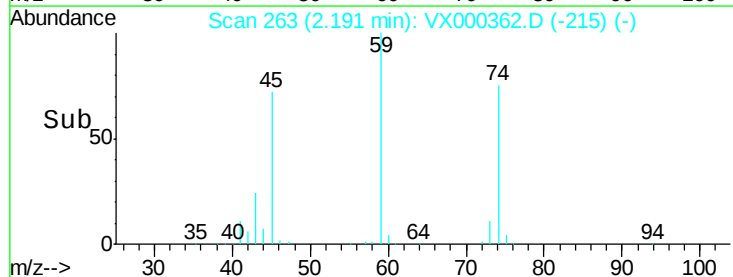
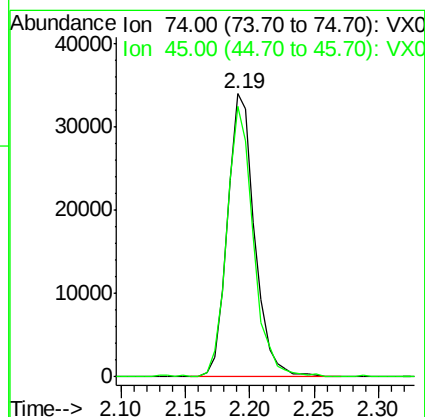
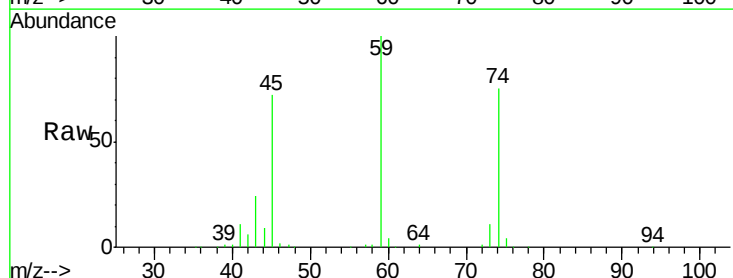
sam
 3/21/2018 11:44:18 AM

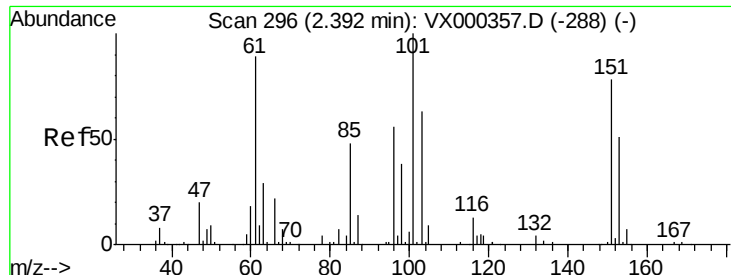


#8

Diethyl Ether
 Concen: 46.84 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Tgt Ion: 74 Resp: 50265
 Ion Ratio Lower Upper
 74 100
 45 94.1 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

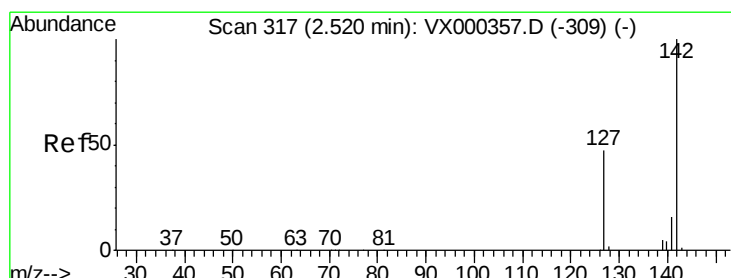
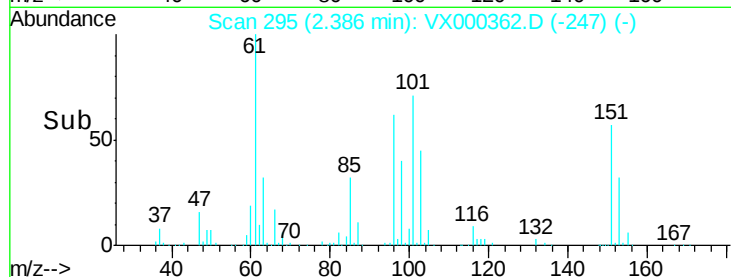
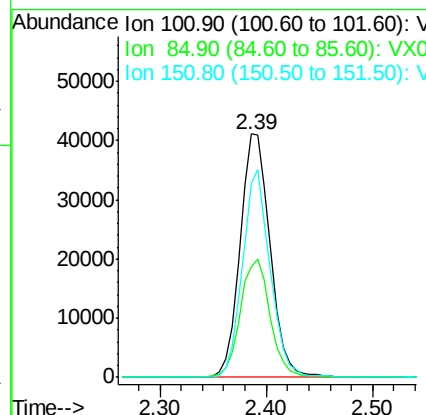
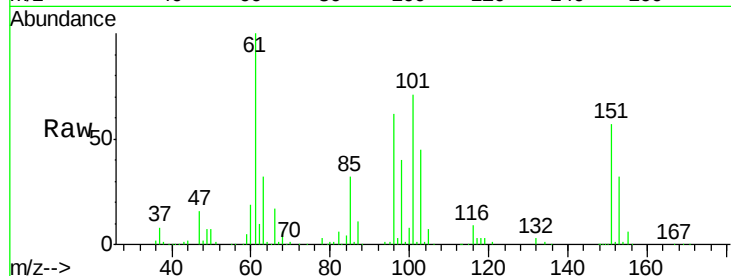
ClientSampleId :

ICVVX032018

Tot Ion:	101	Resp:	81345
Ion Ratio	Lower	Upper	
101	100		
85	48.2	37.6	56.4
151	78.8	62.6	93.8

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#10

Methyl Iodide

Concen: 45.30 ug/l

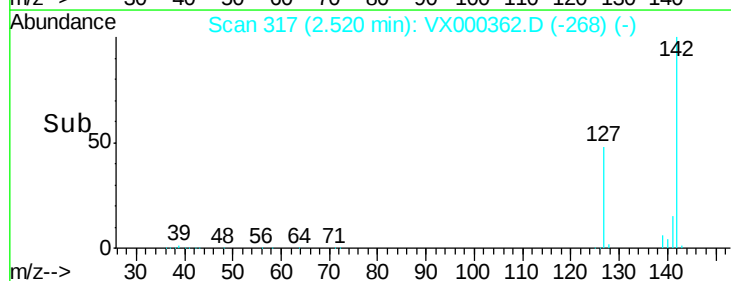
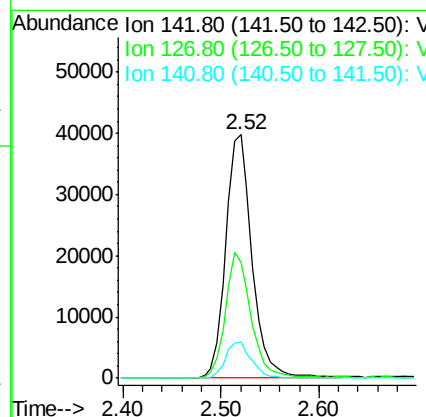
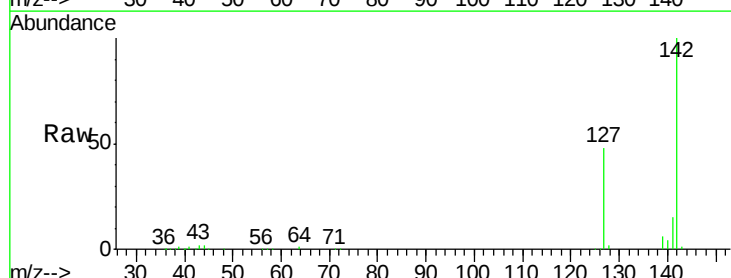
RT: 2.52 min Scan# 317

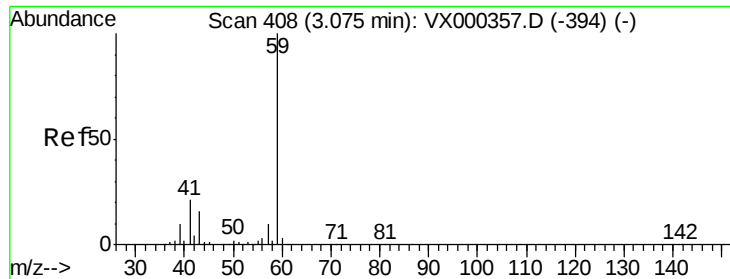
Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion:	142	Resp:	74423
Ion Ratio	Lower	Upper	
142	100		
127	49.4	39.2	58.8
141	14.3	11.7	17.5





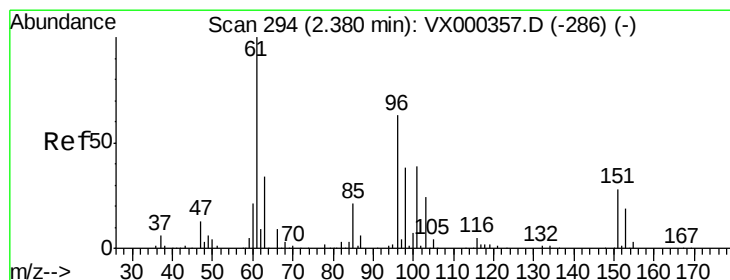
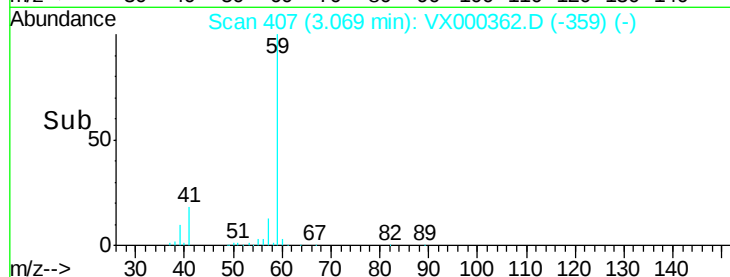
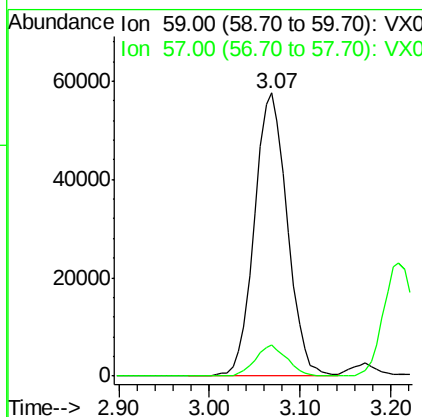
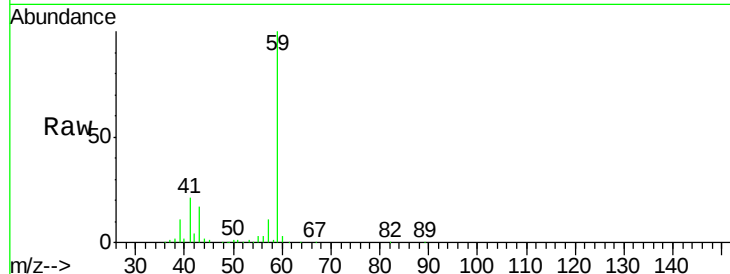
#11
Tert butyl alcohol
Concen: 236.92 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion	59	Resp	144248
Ion Ratio	100	Lower	Upper
57	10.6	8.4	12.6

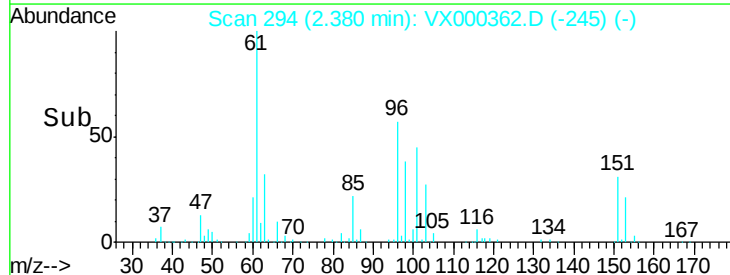
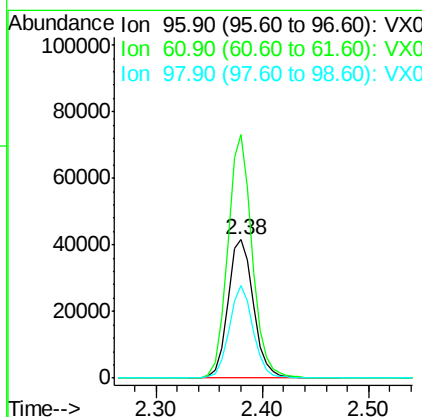
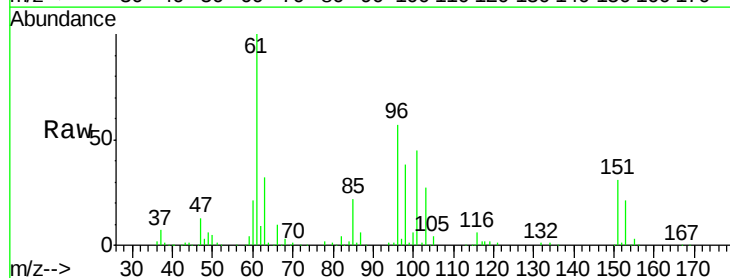
Manual Integrations
APPROVED

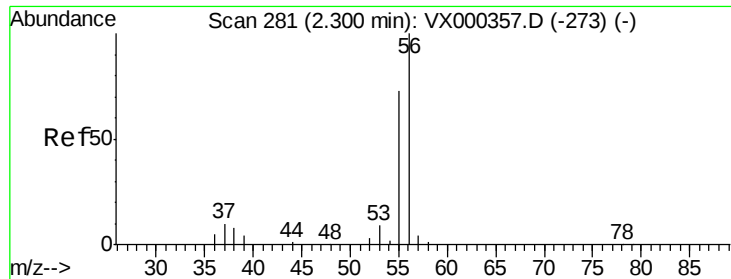
sam
3/21/2018 11:44:18 AM



#12
1,1-Dichloroethene
Concen: 47.60 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion	96	Resp	69956
Ion Ratio	100	Lower	Upper
61	175.7	131.2	196.8
98	67.0	49.8	74.8





#13

Acrolein

Concen: 256.71 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032018

Tot Ion: 56 Resp: 49986

Ion Ratio Lower Upper

56 100

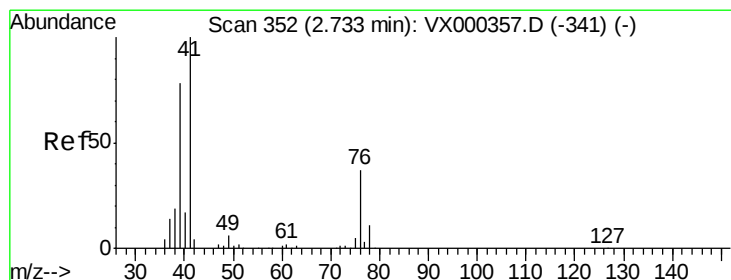
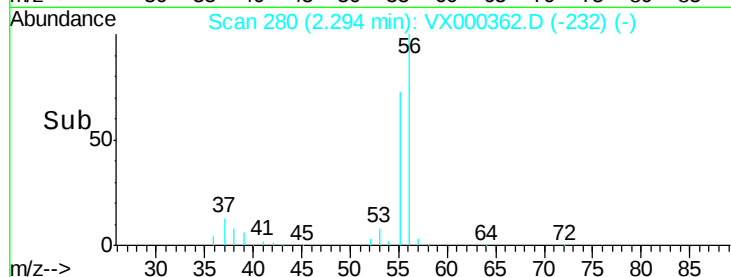
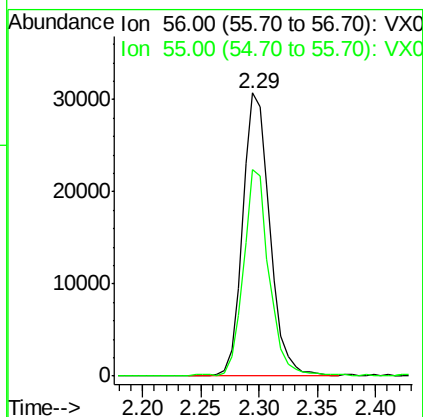
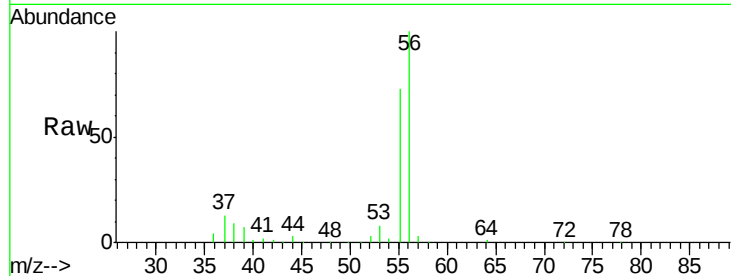
55 69.6 58.8 88.2

Manual Integrations

APPROVED

sam

3/21/2018 11:44:18 AM



#14

Allyl chloride

Concen: 49.36 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

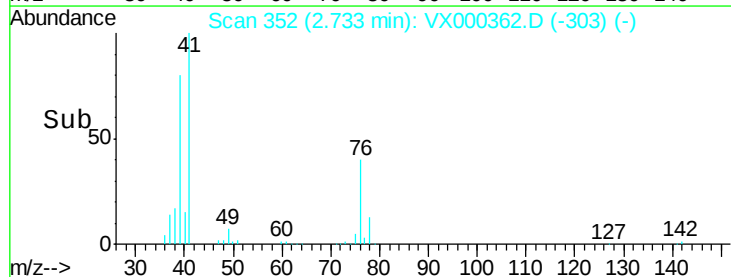
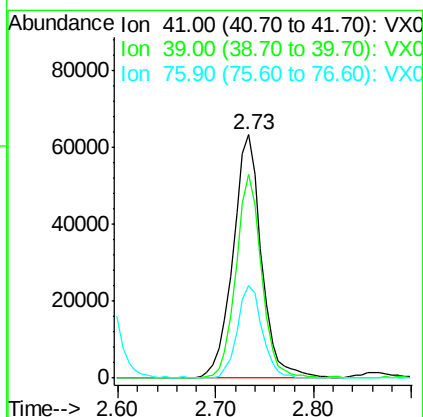
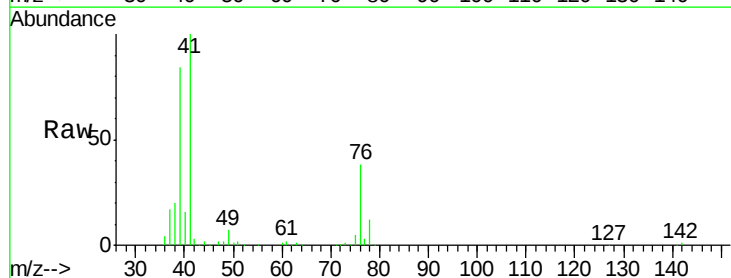
Tgt Ion: 41 Resp: 128135

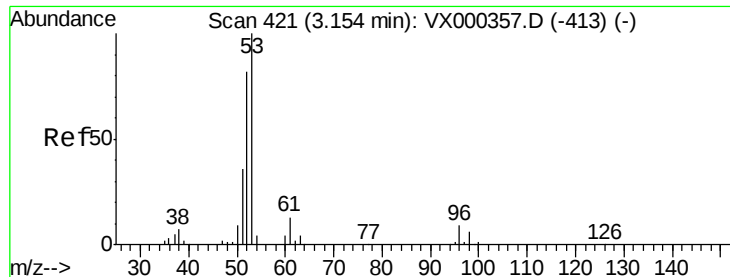
Ion Ratio Lower Upper

41 100

39 74.5 57.6 86.4

76 33.5 27.3 40.9





#15

Acrylonitrile

Concen: 237.54 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

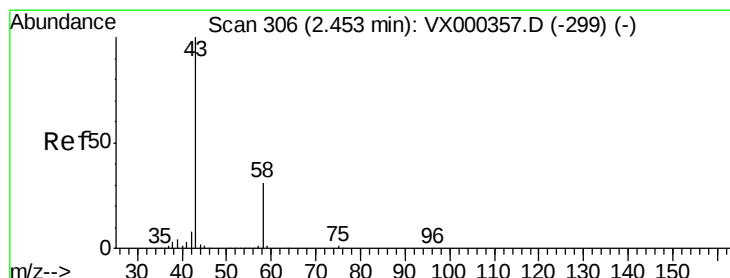
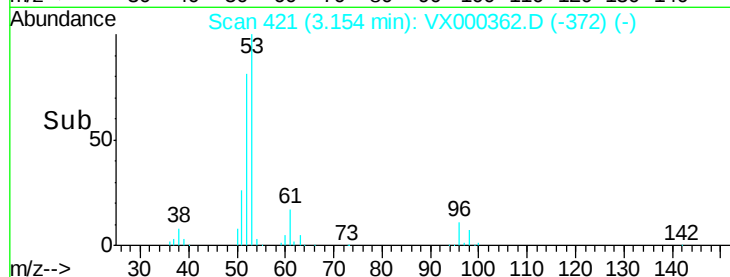
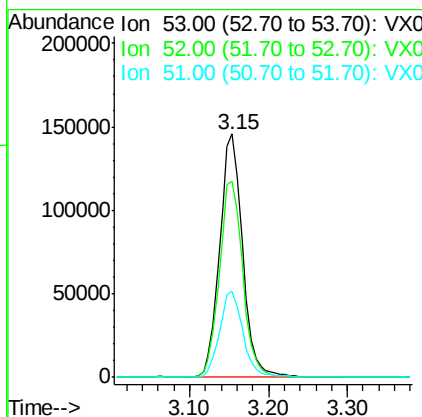
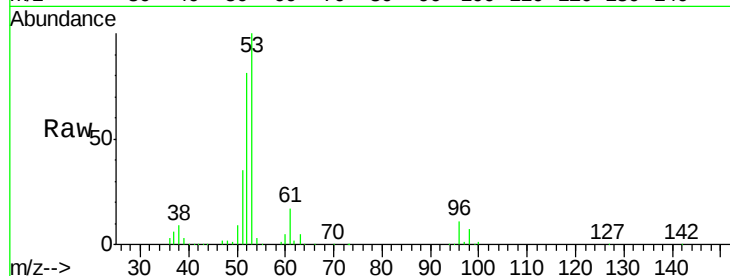
ClientSampleId :

ICVVX032018

Tot Ion:	53	Resp:	292926
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.6	99.8
51	36.7	29.3	43.9

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#16

Acetone

Concen: 243.11 ug/l

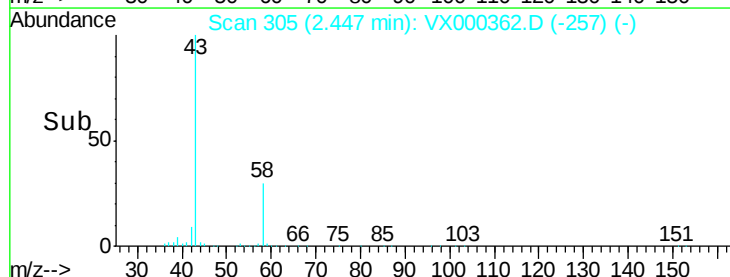
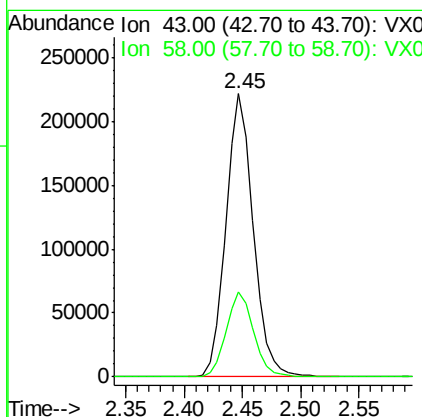
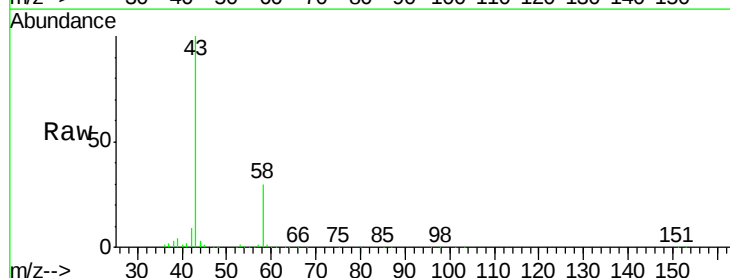
RT: 2.45 min Scan# 305

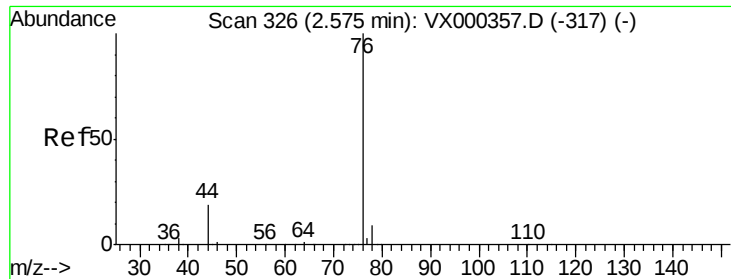
Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion:	43	Resp:	357972
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.7	37.1





#17

Carbon Disulfide

Concen: 48.94 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX032018

Tot Ion: 76 Resp: 191341

Ion Ratio Lower Upper

76 100

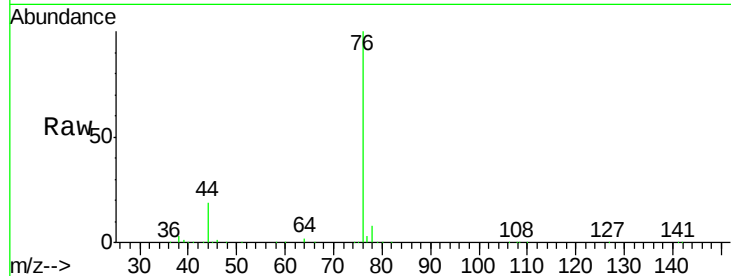
78 8.4 7.0 10.6

Manual Integrations

APPROVED

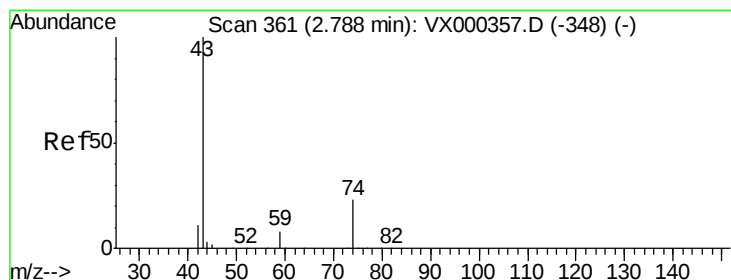
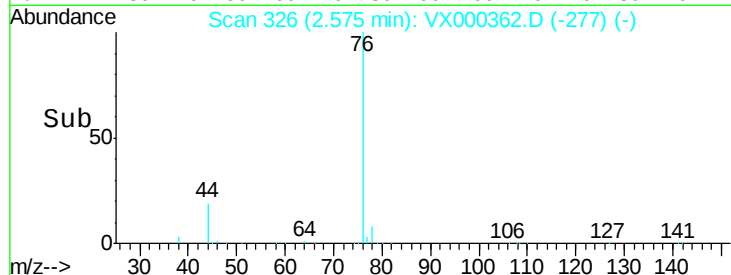
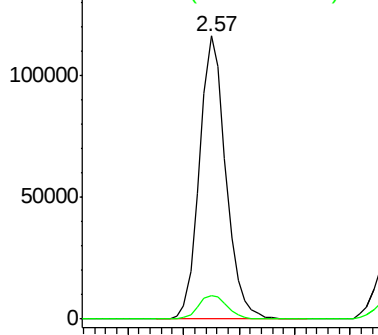
sam

3/21/2018 11:44:18 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.31 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000362.D

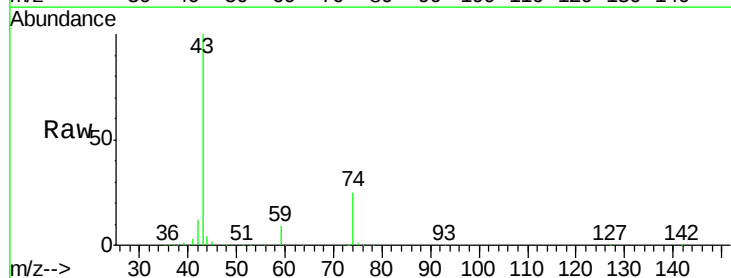
Acq: 20 Mar 2018 14:22

Tgt Ion: 43 Resp: 146037

Ion Ratio Lower Upper

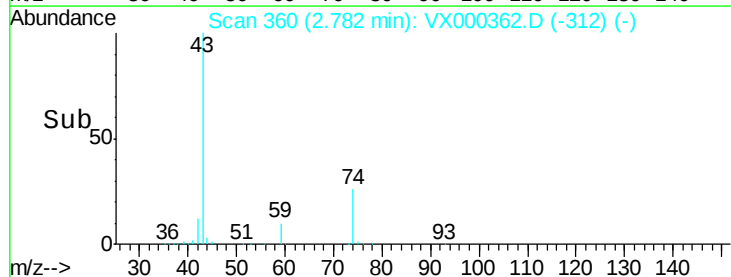
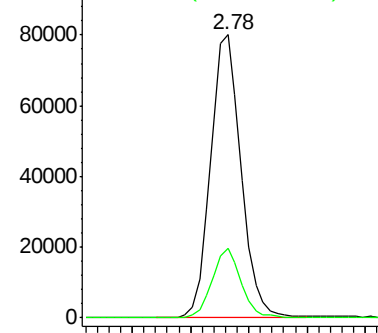
43 100

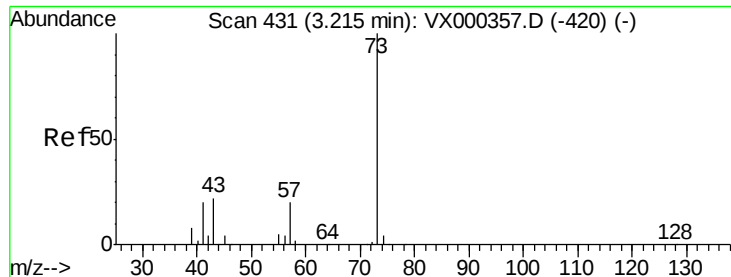
74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

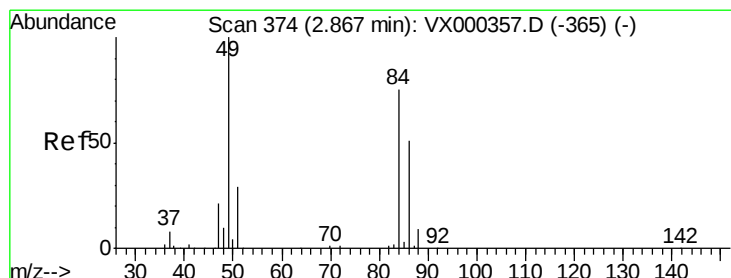
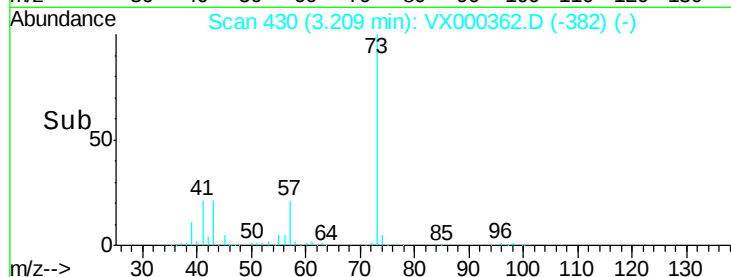
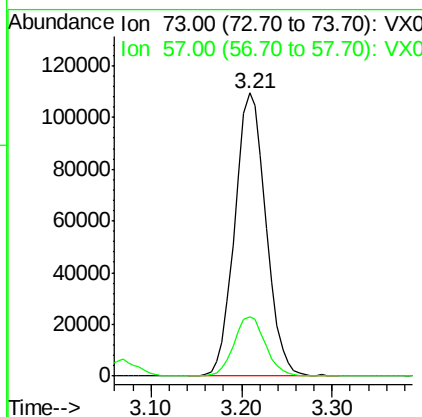
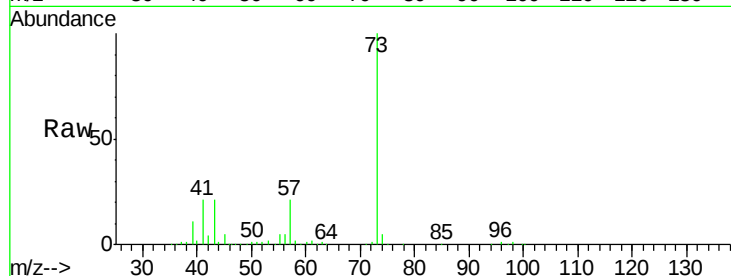
Methyl tert-butyl Ether
 Concen: 47.94 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032018

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.2	25.8

Manual Integrations
 APPROVED

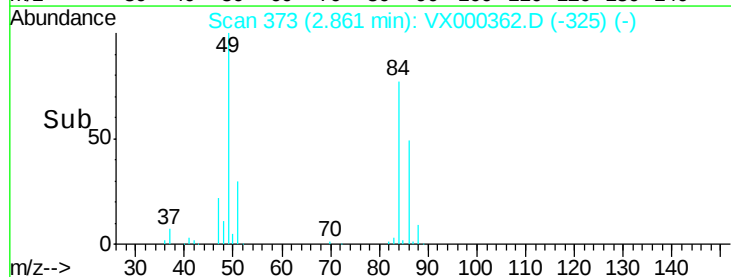
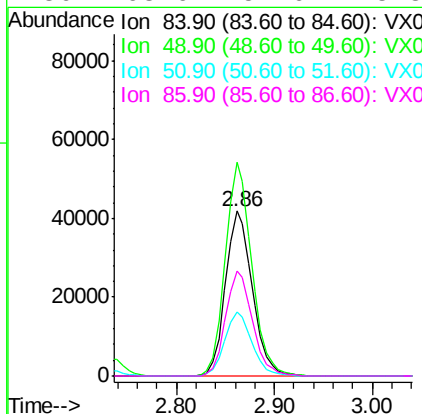
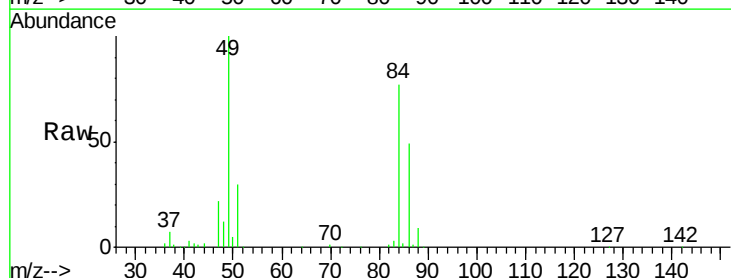
sam
 3/21/2018 11:44:18 AM



#20

Methylene Chloride
 Concen: 46.91 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.4	100.6	151.0
51	38.6	31.6	47.4
86	63.6	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 46.84 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

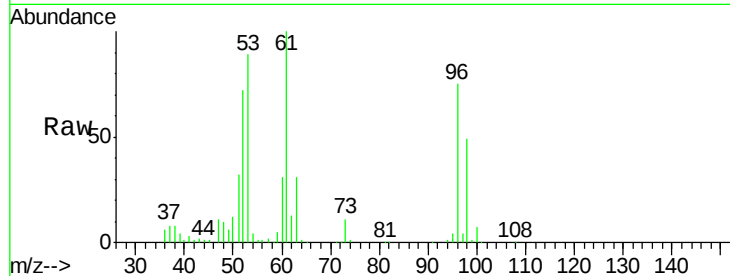
ClientSampleId :

ICVX032018

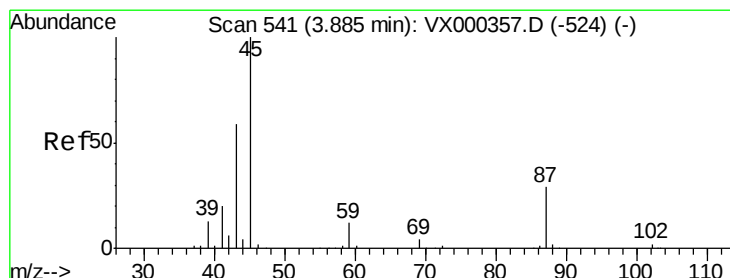
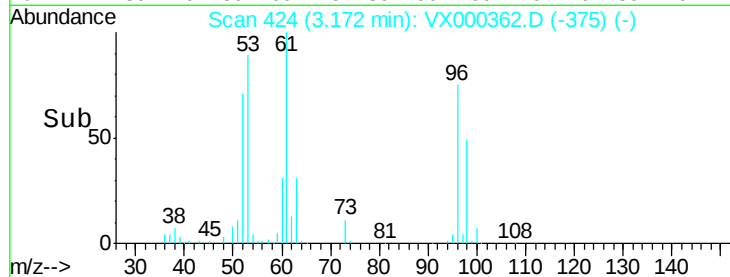
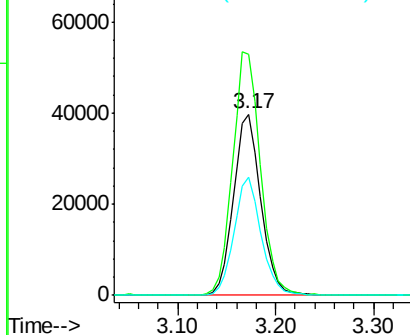
Tot Ion:	96	Resp:	76791
Ion	Ratio	Lower	Upper
96	100		
61	132.8	104.0	156.0
98	65.4	52.1	78.1

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.18 ug/l

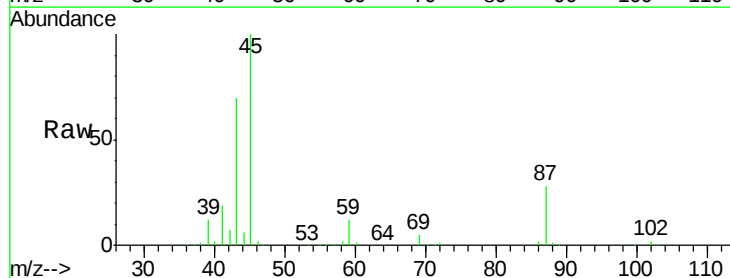
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

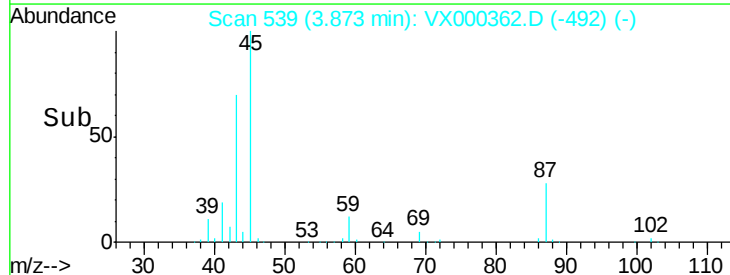
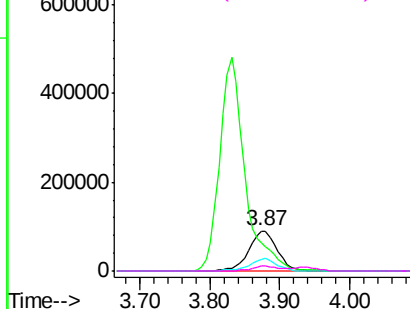
Lab File: VX000362.D

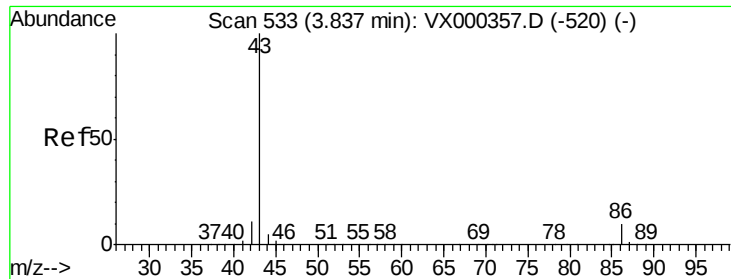
Acq: 20 Mar 2018 14:22

Tgt Ion:	45	Resp:	253517
Ion	Ratio	Lower	Upper
45	100		
43	69.5	53.9	80.9
87	27.9	22.6	34.0
59	12.0	9.5	14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 279.25 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX032018

Tot Ion: 43 Resp: 1216290

Ion Ratio Lower Upper

43 100

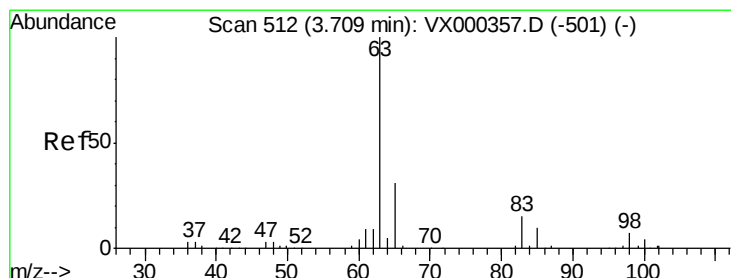
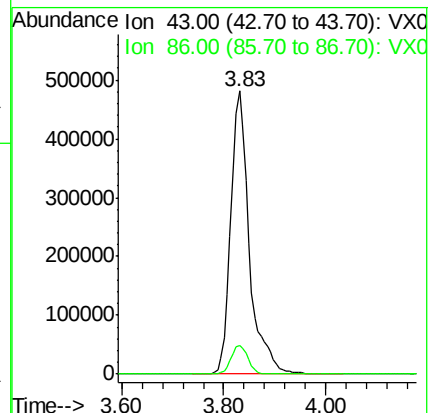
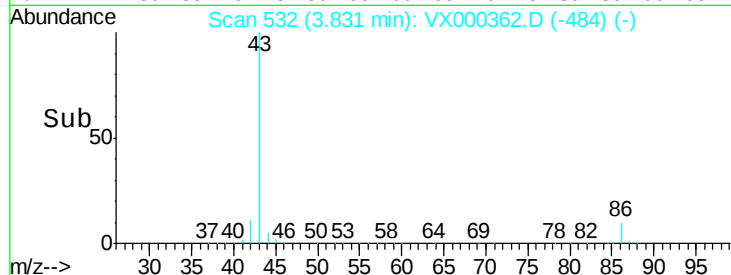
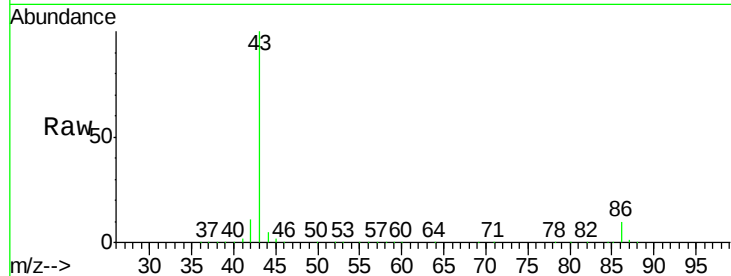
86 9.9 8.6 12.8

Manual Integrations

APPROVED

sam

3/21/2018 11:44:18 AM



#24

1,1-Dichloroethane

Concen: 49.17 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

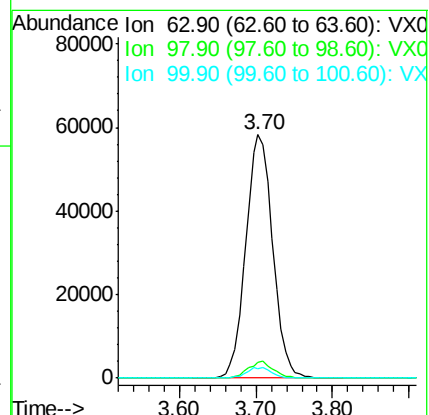
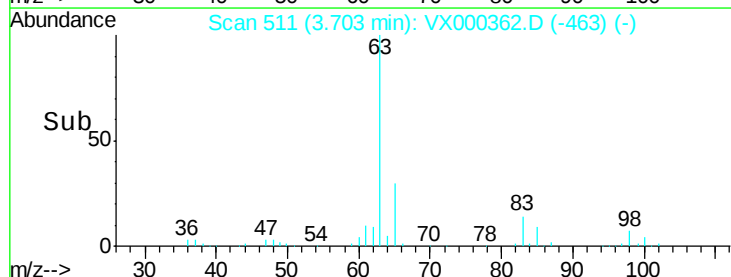
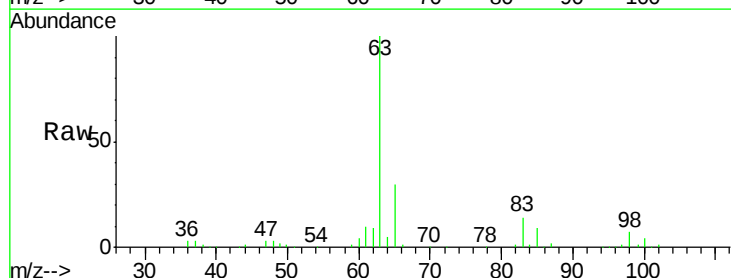
Tgt Ion: 63 Resp: 142049

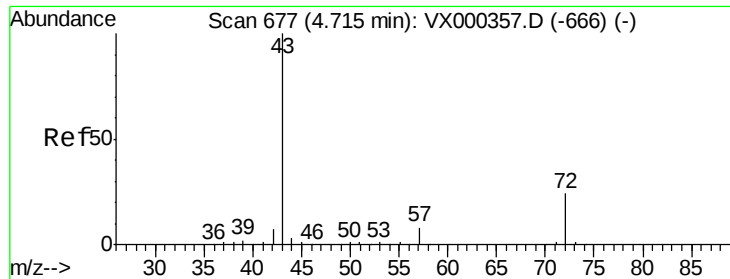
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.6 2.0 5.8





#25

2-Butanone

Concen: 246.24 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032018

Tot Ion: 43 Resp: 407533

Ion Ratio Lower Upper

43 100

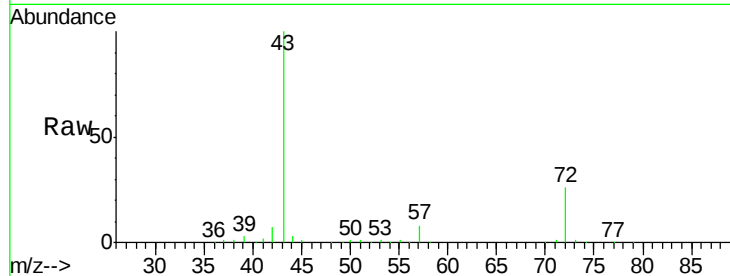
72 25.9 21.0 31.6

Manual Integrations

APPROVED

sam

3/21/2018 11:44:18 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

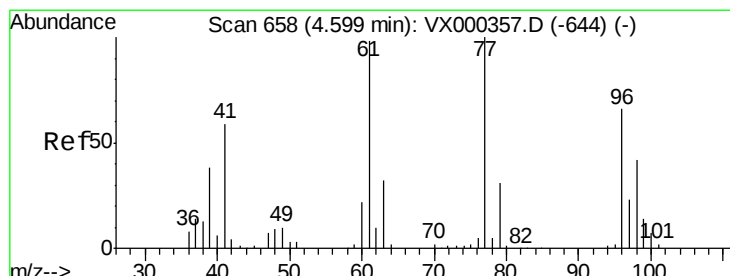
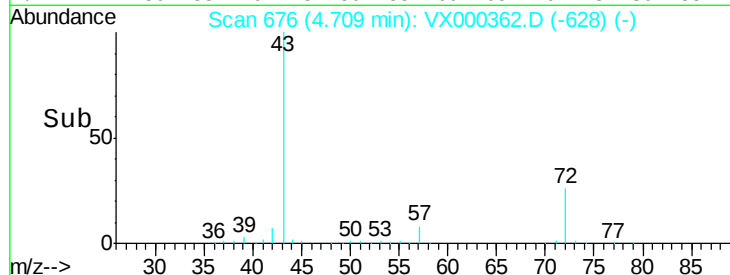
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.89 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000362.D

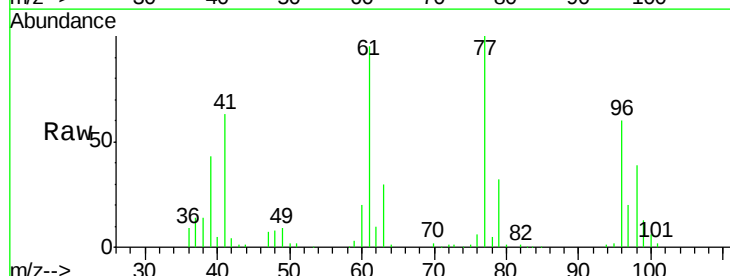
Acq: 20 Mar 2018 14:22

Tgt Ion: 77 Resp: 103030

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

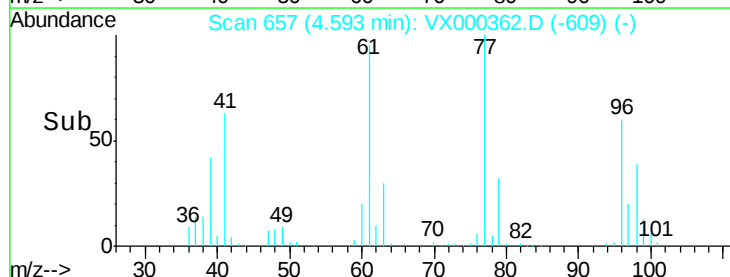
20000

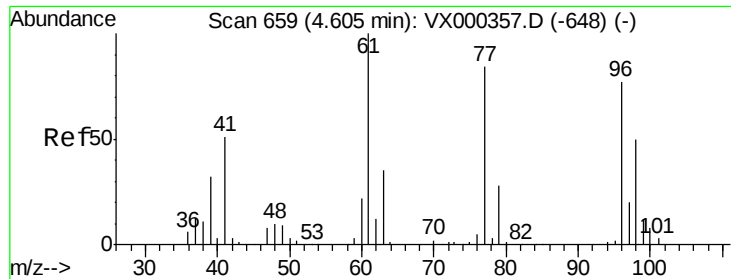
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.42 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

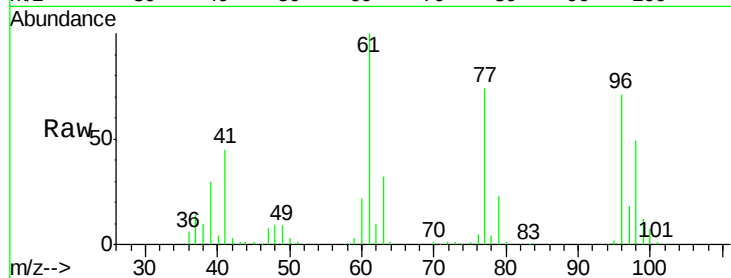
ClientSampleId :

ICVVX032018

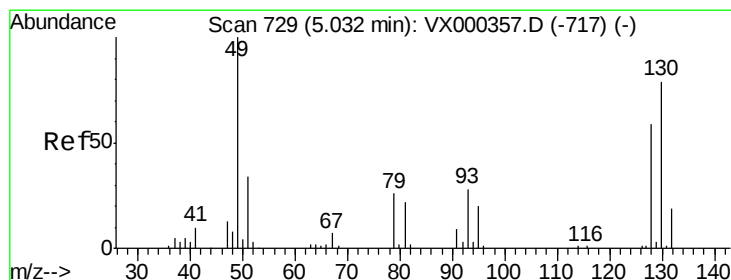
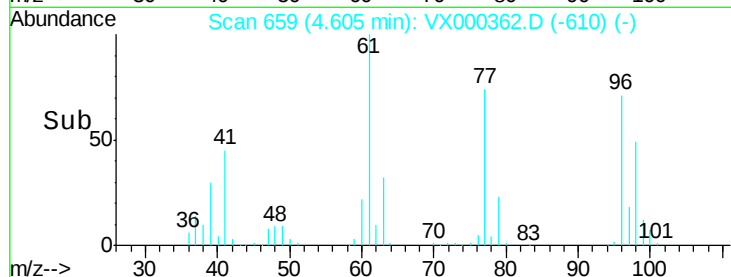
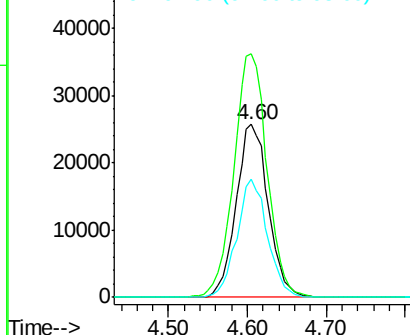
Tot Ion:	96	Resp:	72658
Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	291.6
98	65.4	0.0	132.0

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 49.44 ug/l

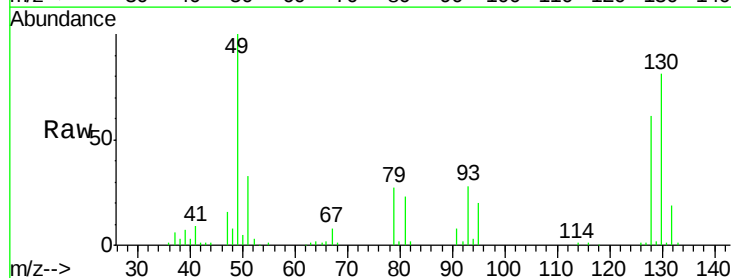
RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

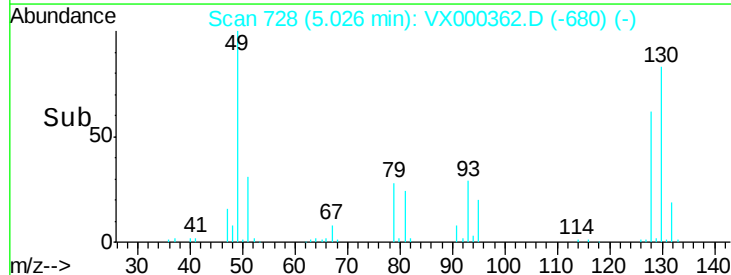
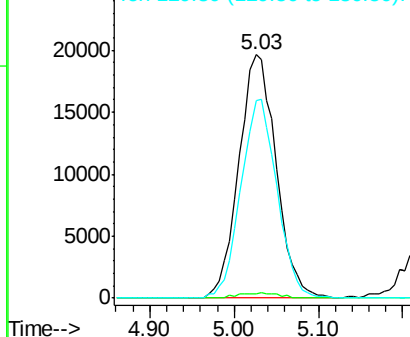
Lab File: VX000362.D

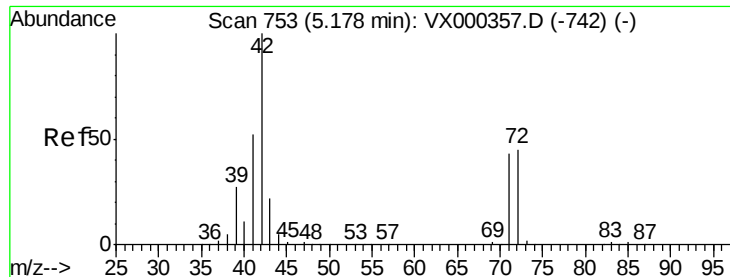
Acq: 20 Mar 2018 14:22

Tgt Ion:	49	Resp:	58891
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	79.0	64.0	96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





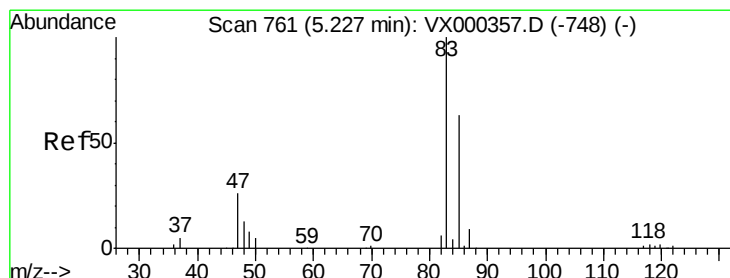
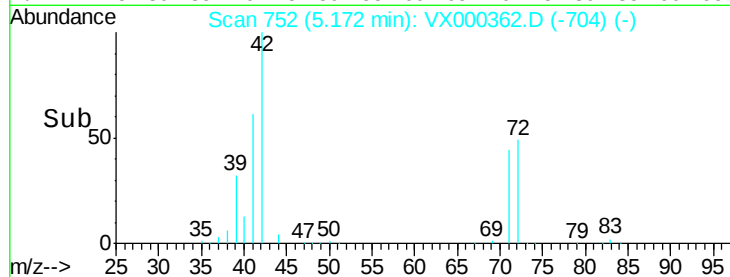
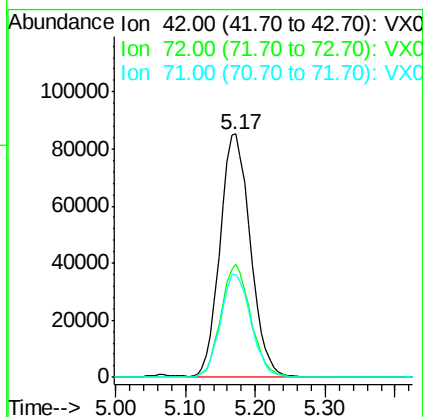
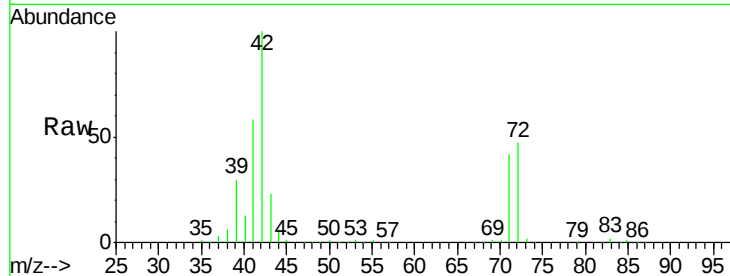
#29
Tetrahydrofuran
Concen: 252.80 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampled :
ICVVX032018

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.9	56.9
71	42.4	34.4	51.6

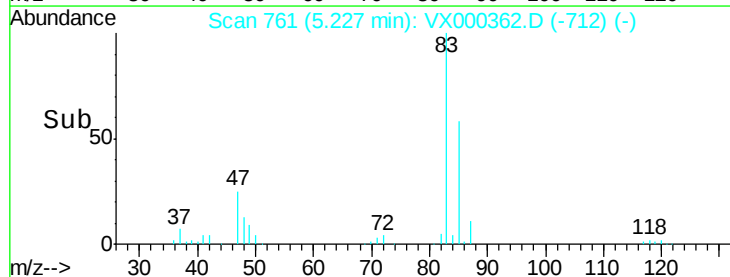
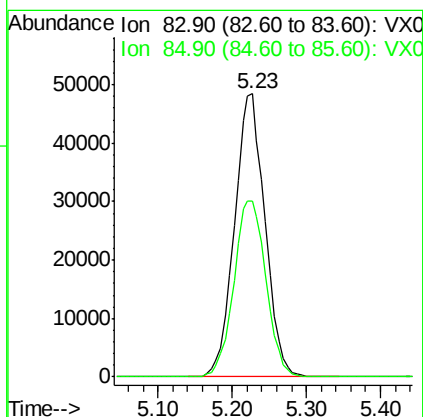
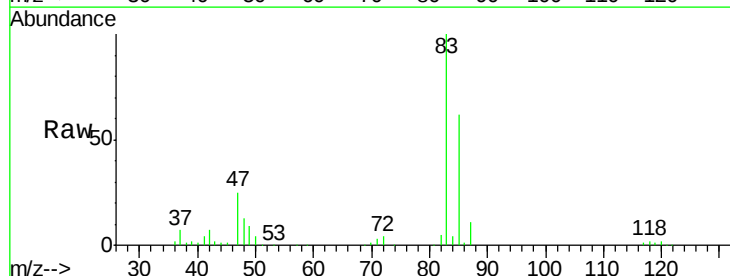
Manual Integrations
APPROVED

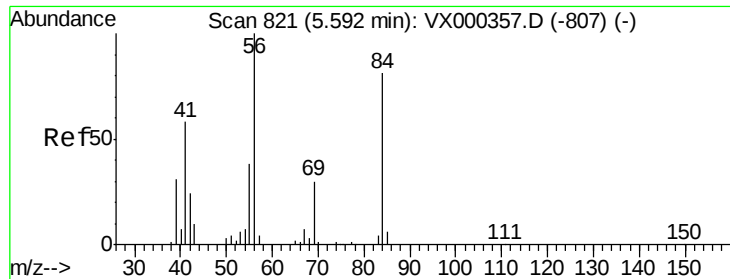
sam
3/21/2018 11:44:18 AM



#30
Chloroform
Concen: 51.21 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	53.3	79.9





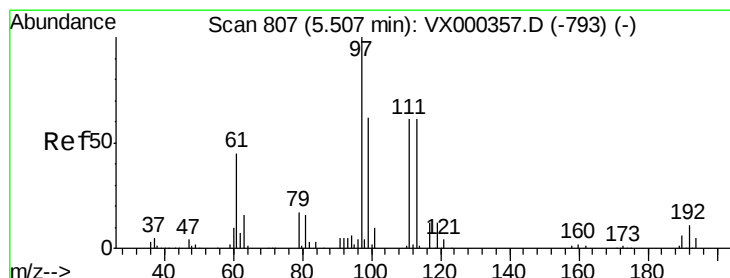
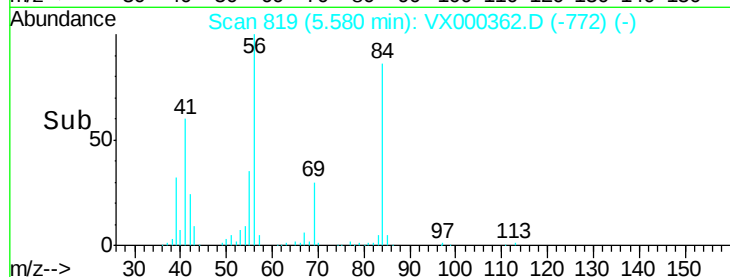
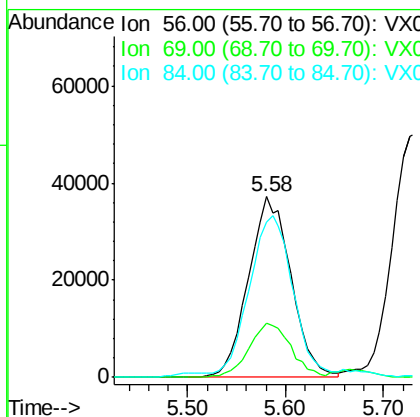
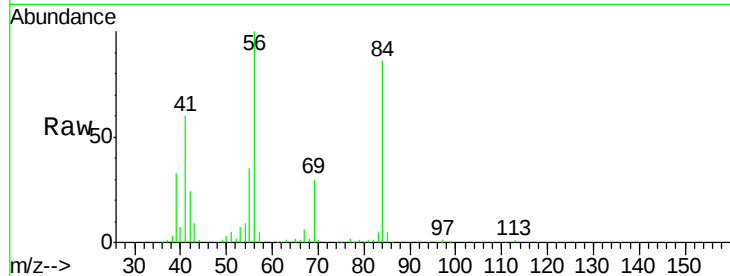
#31
Cyclohexane
Concen: 50.32 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.4	35.0
84	83.9	71.0	106.4

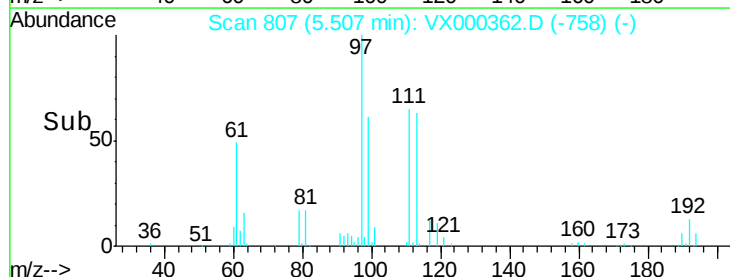
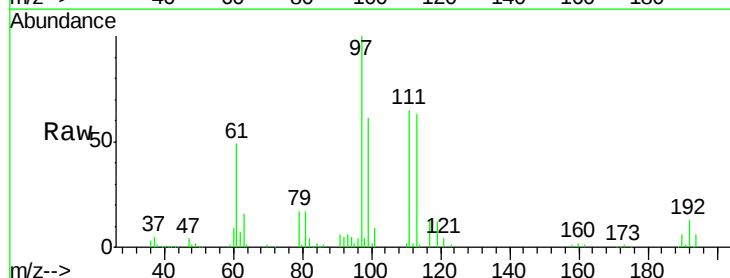
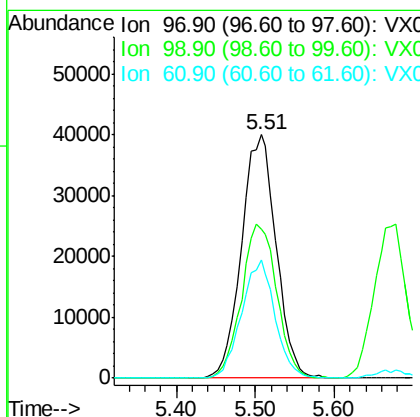
Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#32
1,1,1-Trichloroethane
Concen: 50.01 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.1	78.1
61	46.8	36.2	54.4





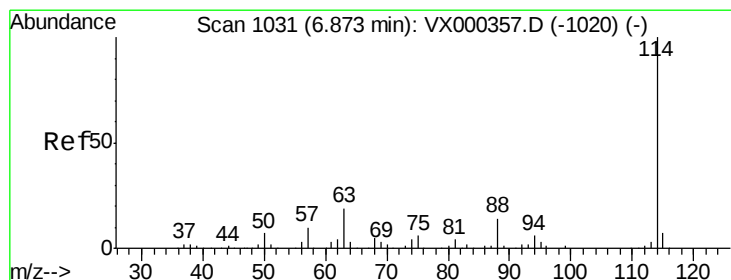
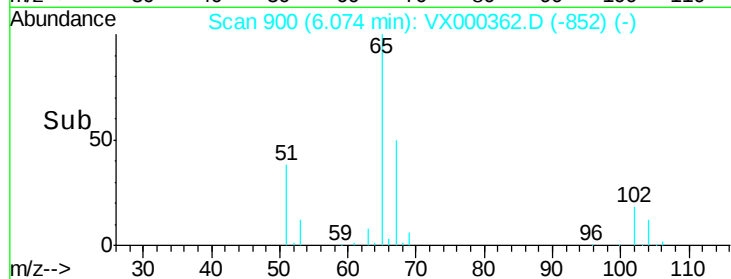
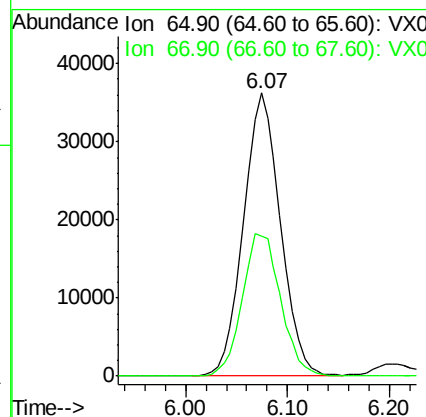
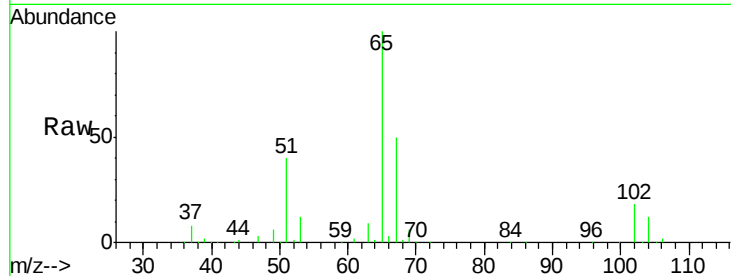
#33
 1,2-Dichloroethane-d4
 Concen: 51.62 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032018

Tot Ion	Ratio	Resp	Lower	Upper
65	100	91371		
67	52.0	0.0	103.2	

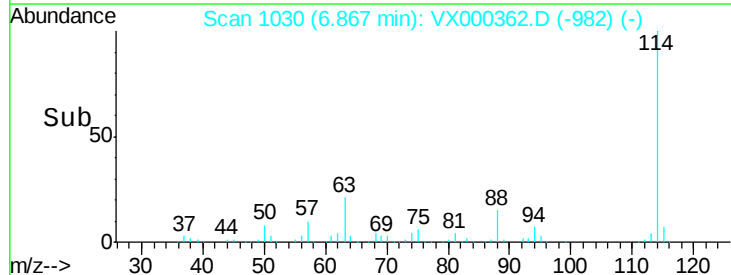
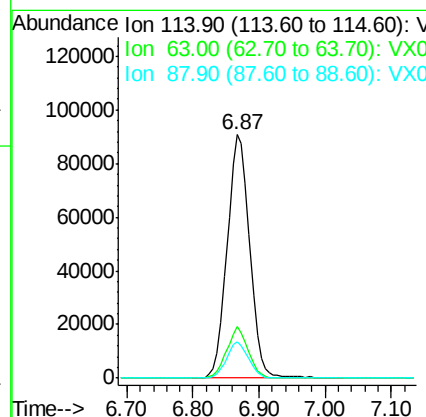
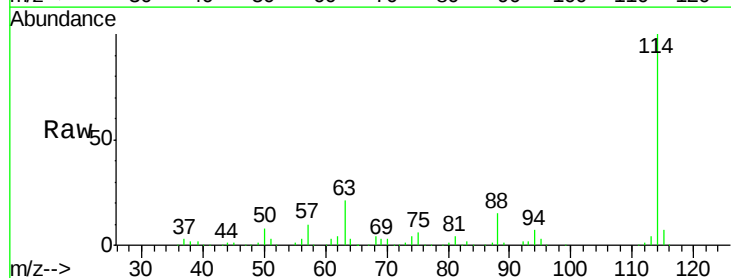
Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	214610		
63	21.1	0.0	38.4	
88	14.8	0.0	27.0	





#35

Dibromofluoromethane

Concen: 52.74 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

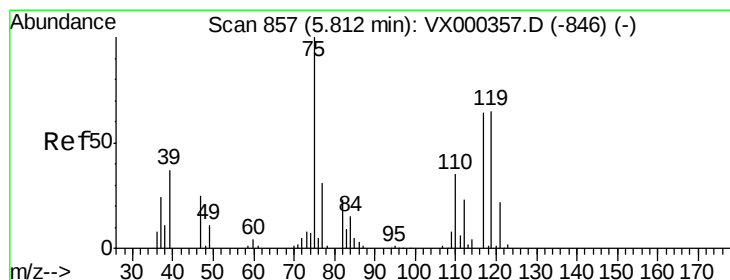
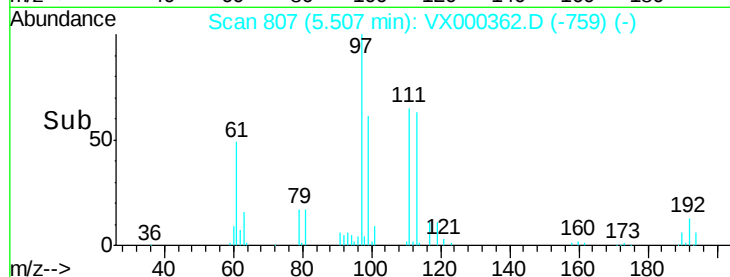
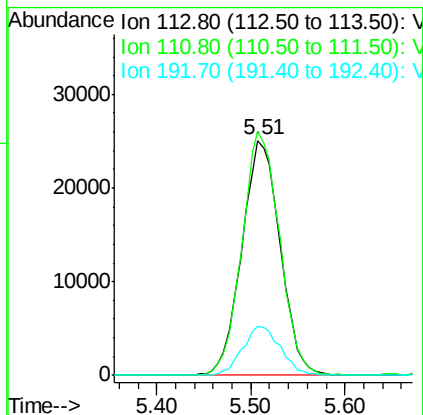
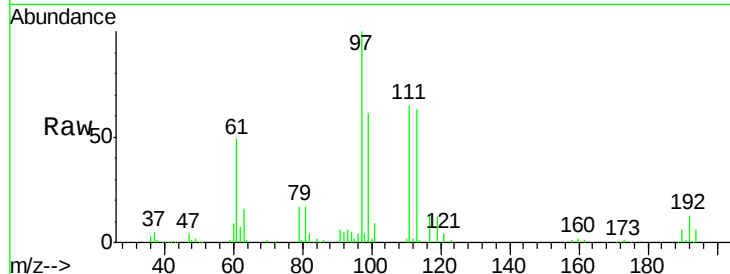
ClientSampleId :

ICVVX032018

Tot Ion:	113	Resp:	71310
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	20.9	15.8	23.6

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#36

1,1-Dichloropropene

Concen: 51.08 ug/l

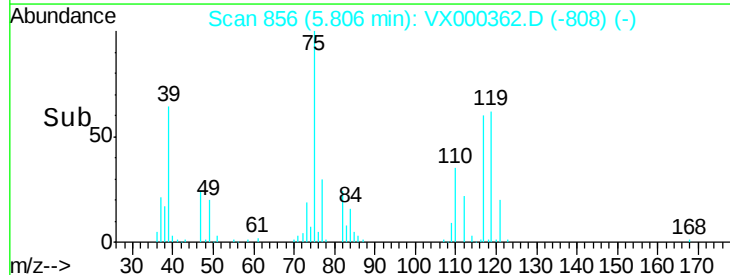
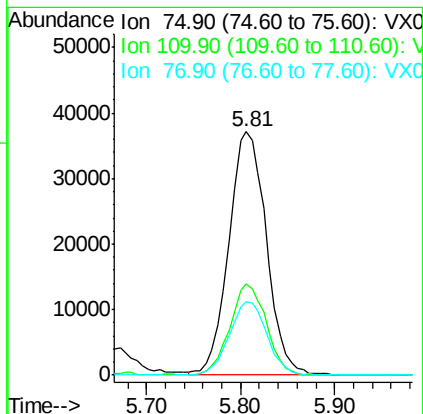
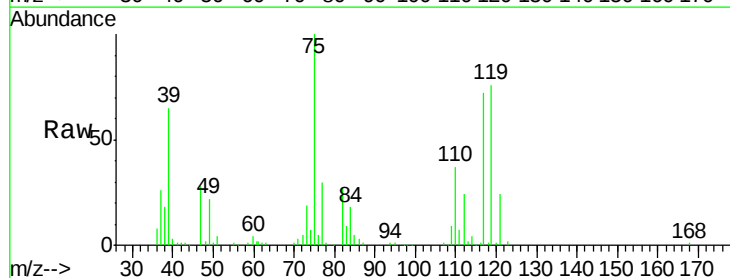
RT: 5.81 min Scan# 856

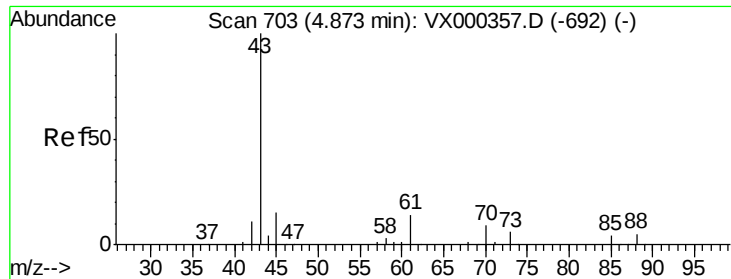
Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion:	75	Resp:	102677
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.9	53.7
77	30.4	24.0	36.0





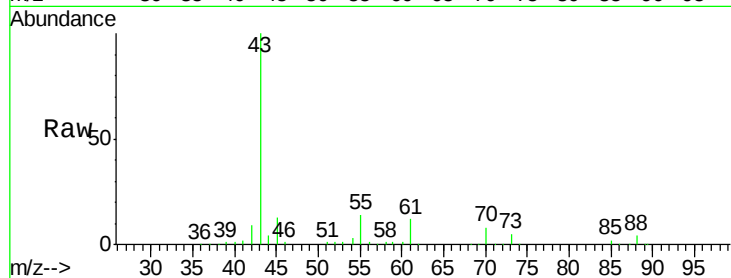
#37
Ethyl Acetate
Concen: 49.44 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampled :
ICVX032018

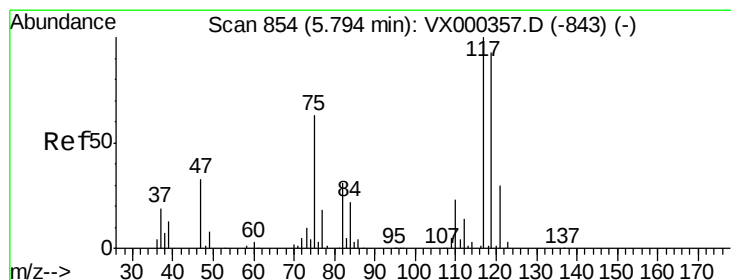
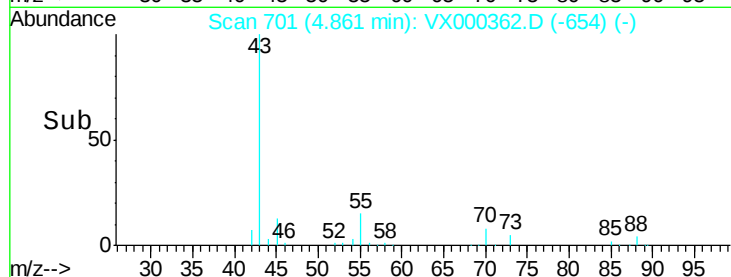
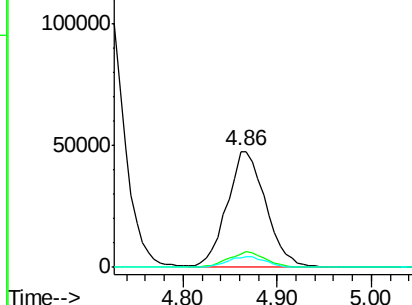
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	9.4	7.7	11.5

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM

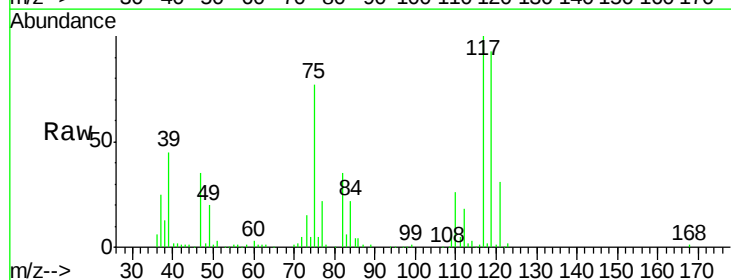


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

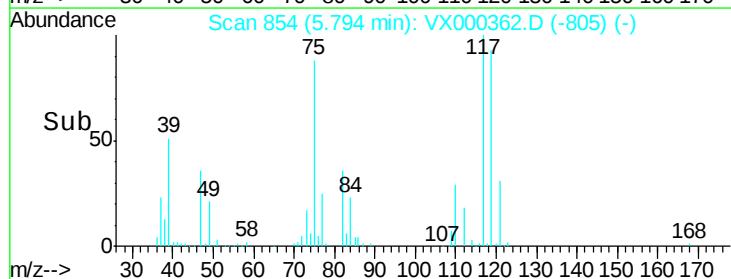
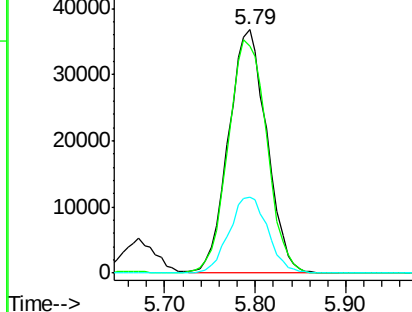


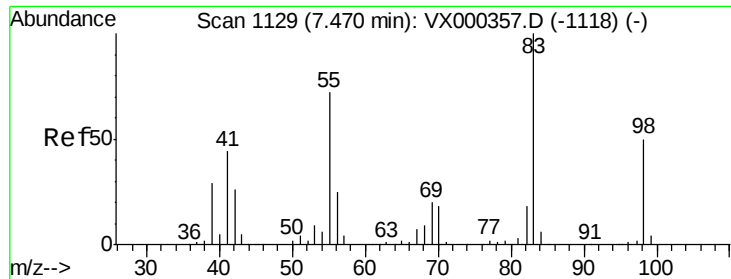
#38
Carbon Tetrachloride
Concen: 51.08 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.2
121	31.0	24.8	37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





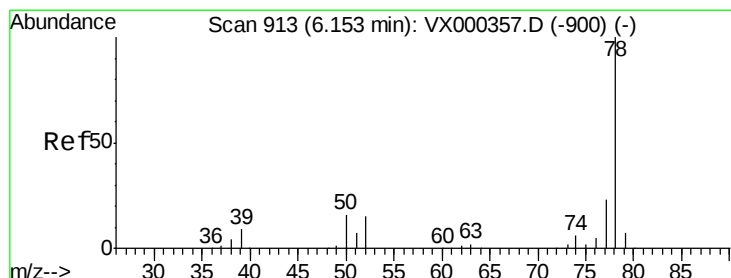
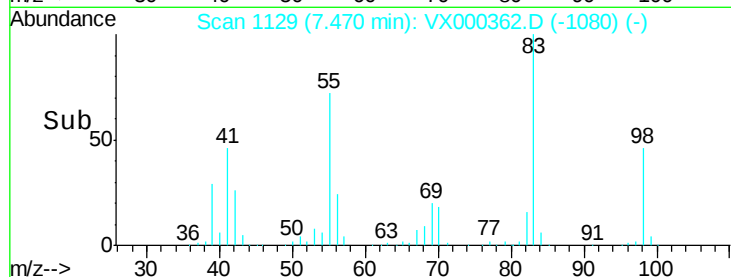
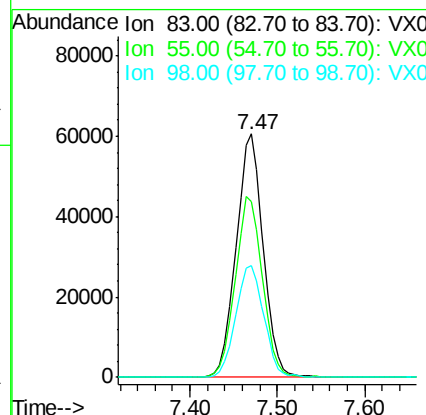
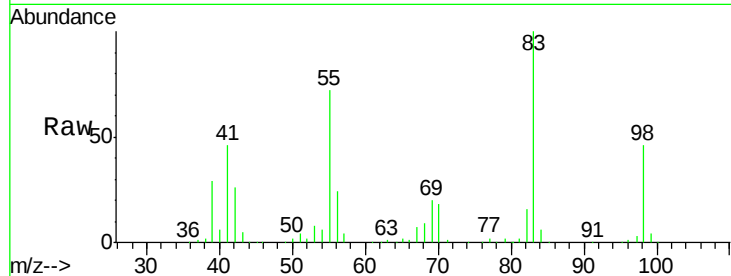
#39
Methvlcvclohexane
Concen: 53.33 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	55.5	83.3
98	46.1	38.2	57.4

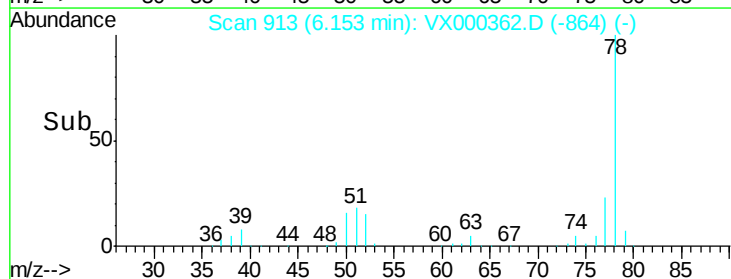
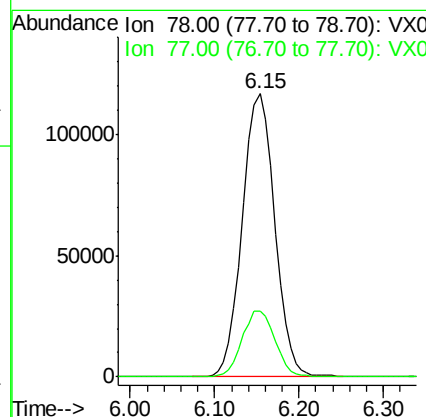
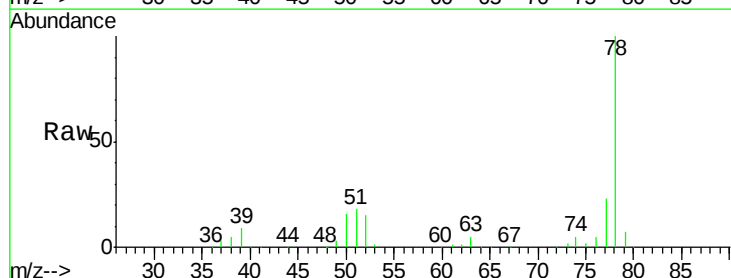
Manual Integrations
APPROVED

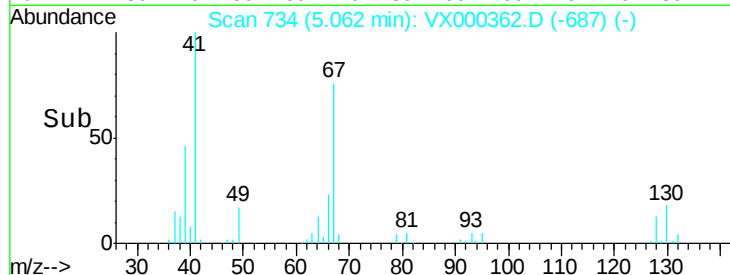
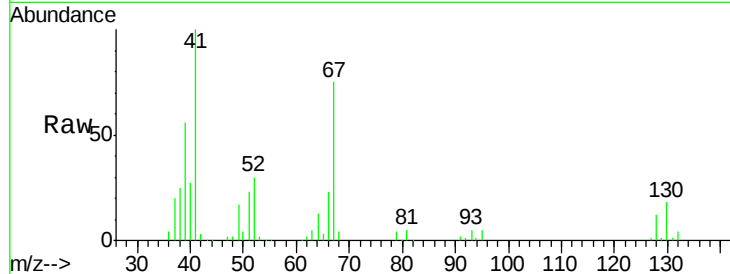
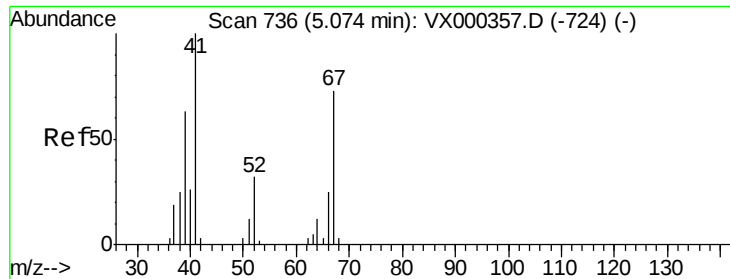
sam
3/21/2018 11:44:18 AM



#40
Benzene
Concen: 52.22 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





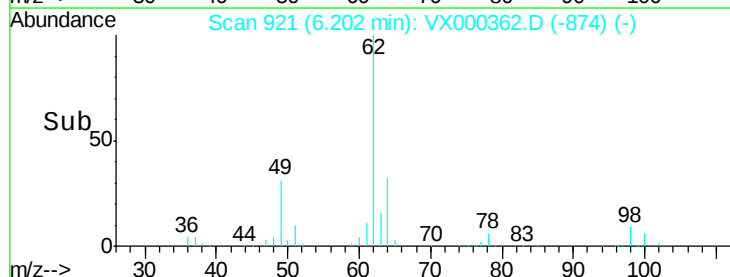
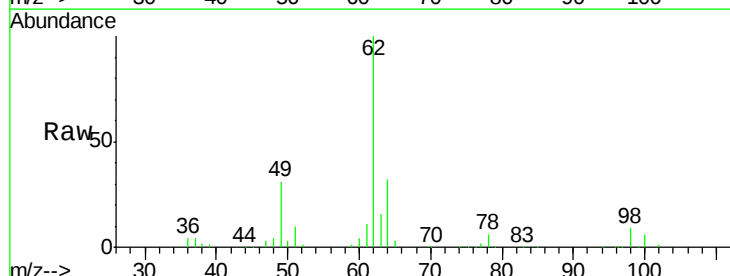
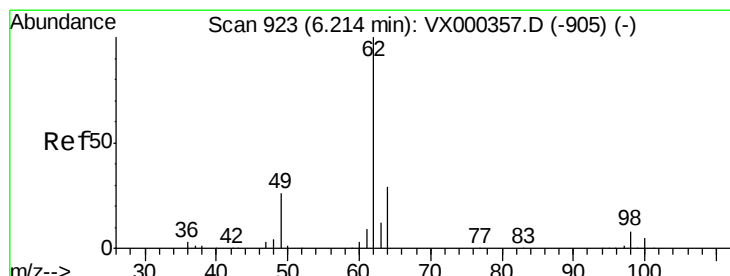
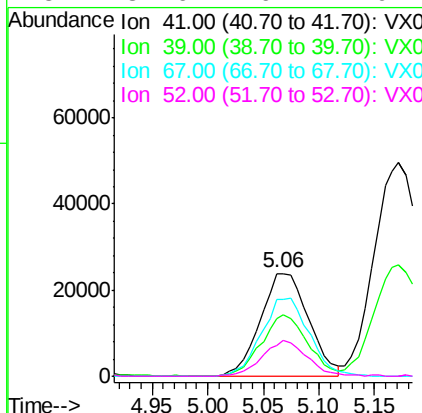
#41
Methacrylonitrile
Concen: 49.84 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tot Ion:	41	Resp:	72152
Ion Ratio	Lower	Upper	
41	100		
39	56.2	45.7	68.5
67	75.1	57.8	86.8
52	32.6	26.7	40.1

Instrument :
MSVOA_X
ClientSampled :
ICVVX032018

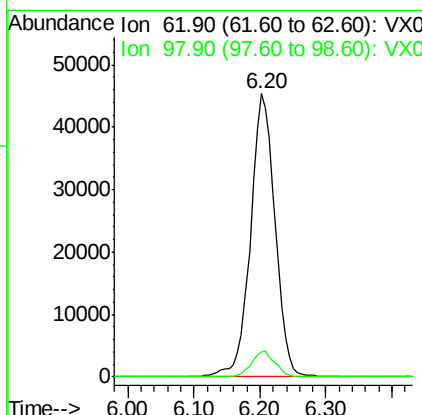
Manual Integrations
APPROVED

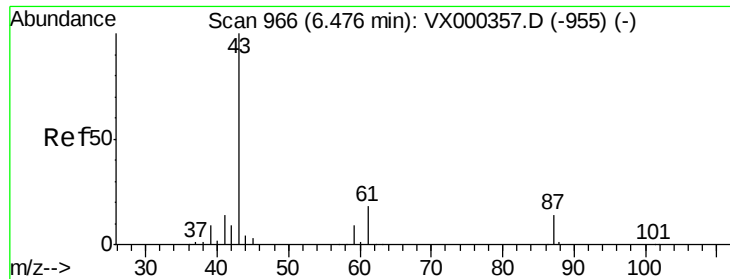
sam
3/21/2018 11:44:18 AM



#42
1,2-Dichloroethane
Concen: 51.41 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion:	62	Resp:	117764
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	15.8





#43

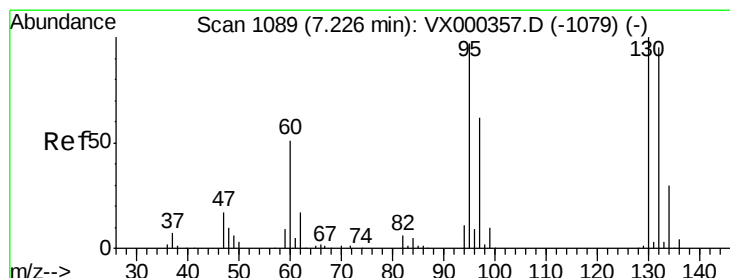
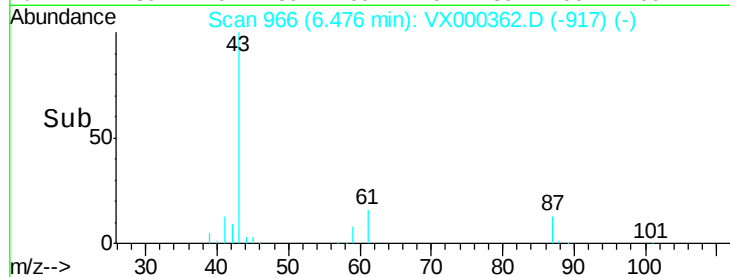
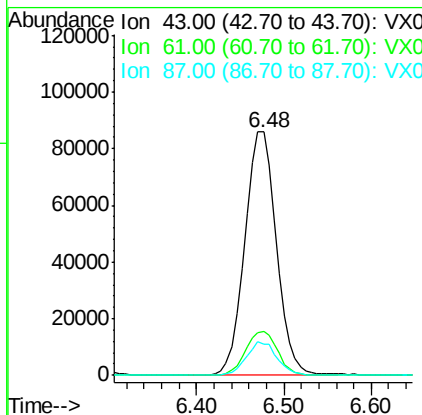
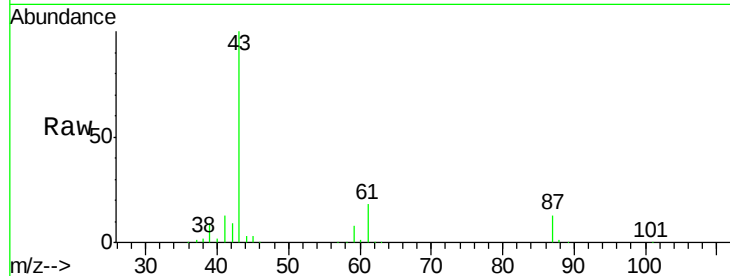
Isopropyl Acetate
 Concen: 52.89 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032018

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	13.4	11.0	16.4

Manual Integrations
 APPROVED

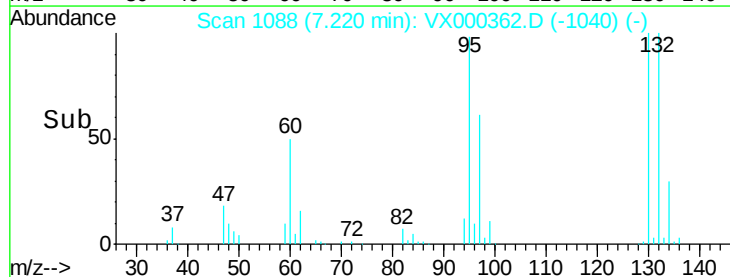
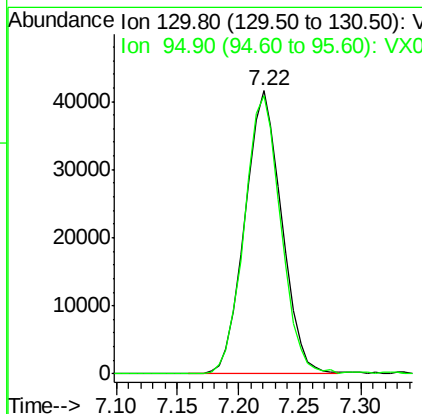
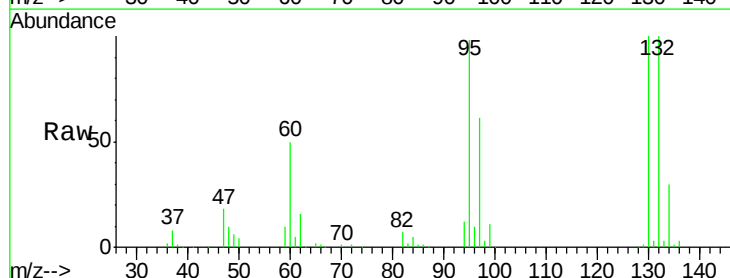
sam
 3/21/2018 11:44:18 AM

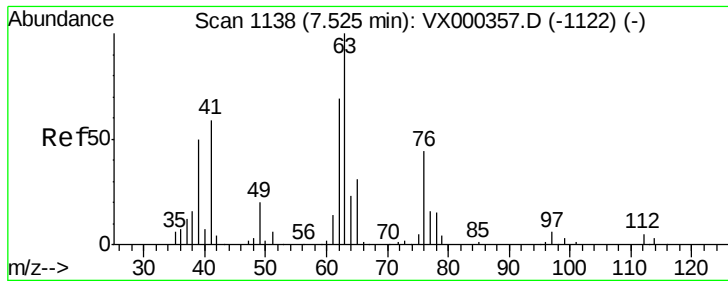


#44

Trichloroethene
 Concen: 52.11 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	186.0





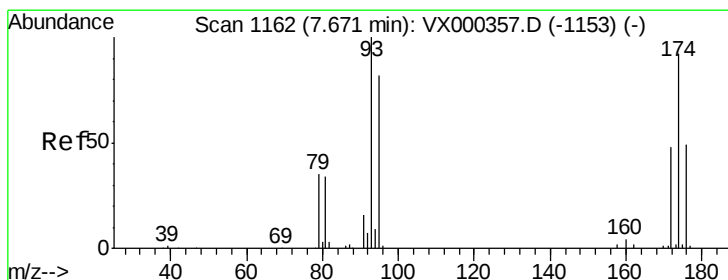
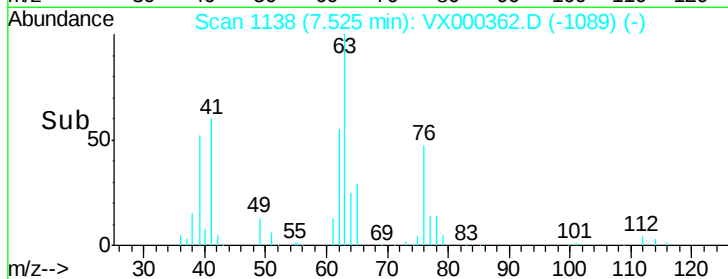
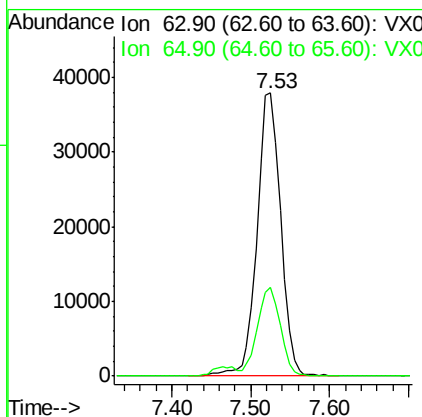
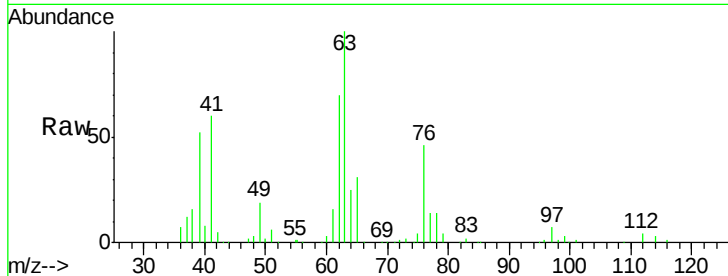
#45
 1,2-Dichloropropane
 Concen: 53.19 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032018

Tot Ion: 63 Resp: 79487
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8

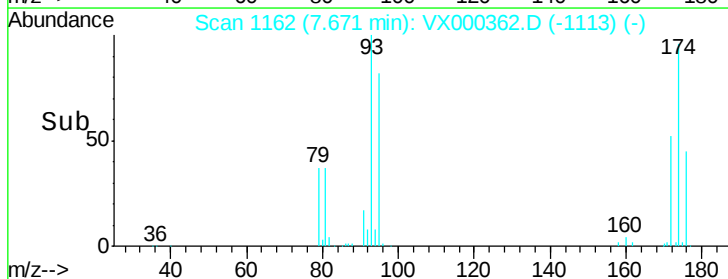
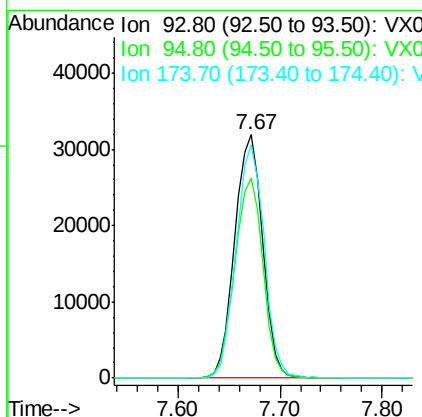
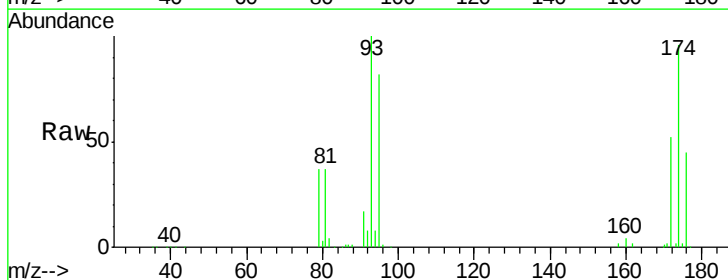
Manual Integrations
 APPROVED

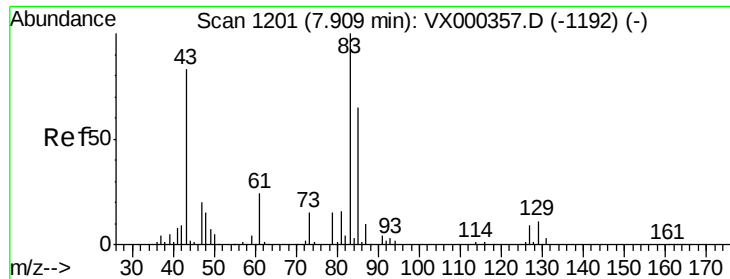
sam
 3/21/2018 11:44:18 AM



#46
 Dibromomethane
 Concen: 51.52 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Tgt Ion: 93 Resp: 60430
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.5 99.7
 174 96.8 76.0 114.0





#47

Bromodichloromethane

Concen: 54.87 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tot Ion:	83	Resp:	113227
Ion Ratio	Lower	Upper	
83	100		
85	61.0	51.4	77.0
127	8.4	7.0	10.6

Instrument :

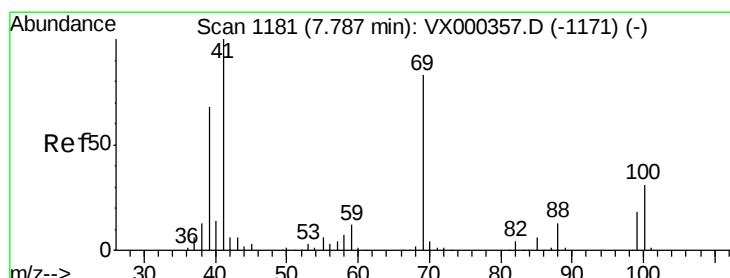
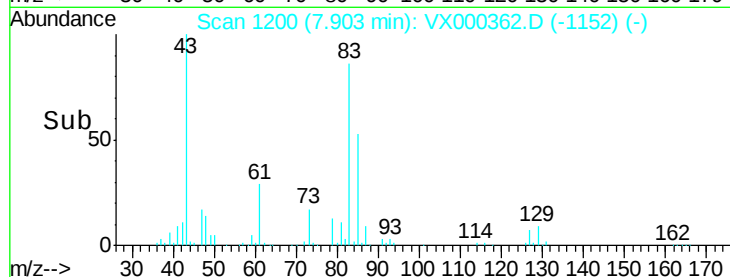
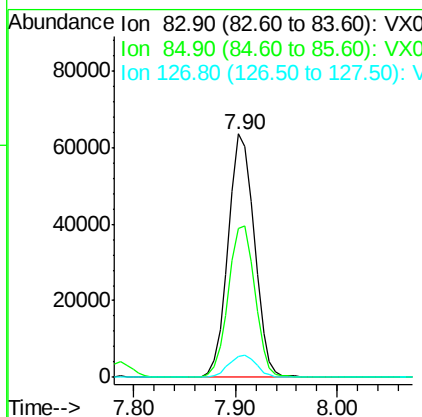
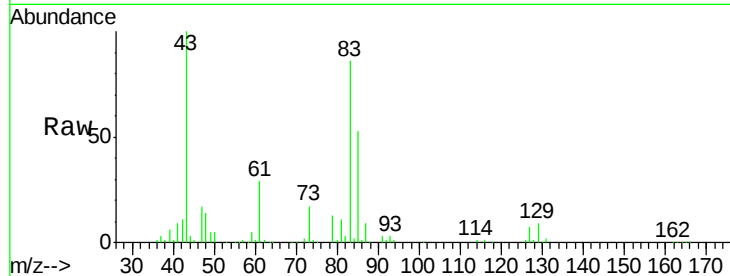
MSVOA_X

ClientSampleId :

ICVVX032018

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#48

Methyl methacrylate

Concen: 53.82 ug/l

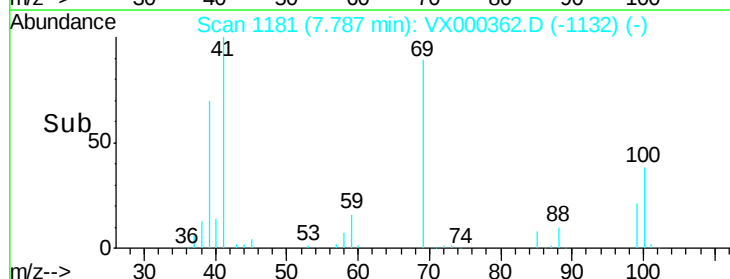
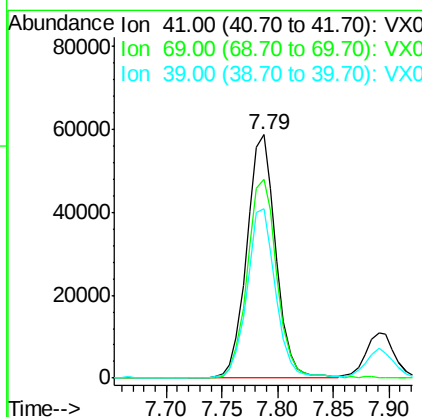
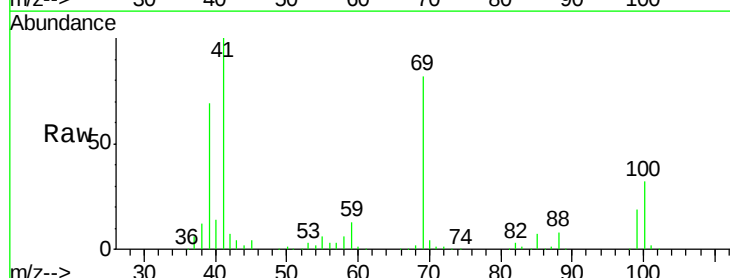
RT: 7.79 min Scan# 1181

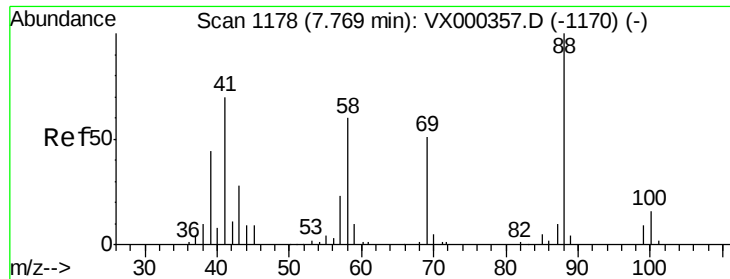
Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion:	41	Resp:	106807
Ion Ratio	Lower	Upper	
41	100		
69	83.0	68.2	102.4
39	67.9	54.6	81.8





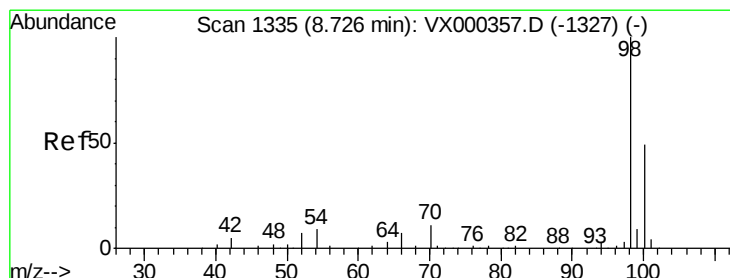
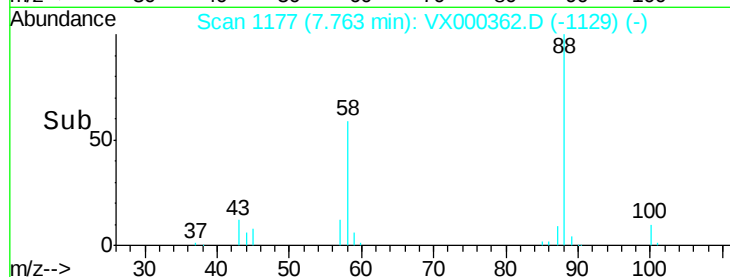
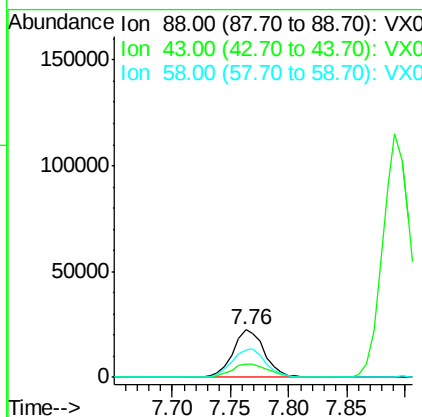
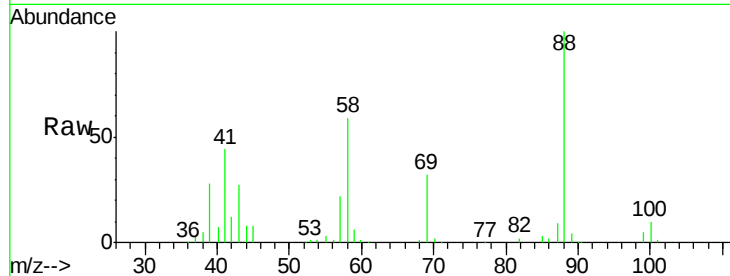
#49
1,4-Dioxane
Concen: 1023.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampled :
ICVVX032018

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.8	40.2
58	63.2	52.2	78.2

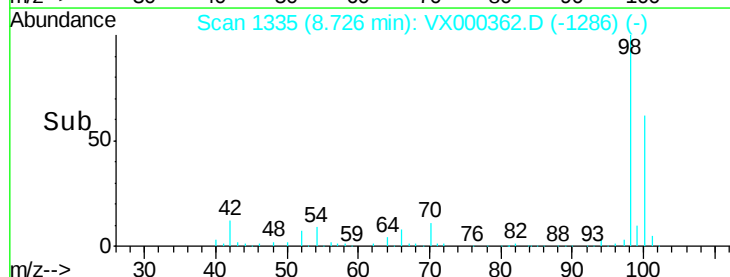
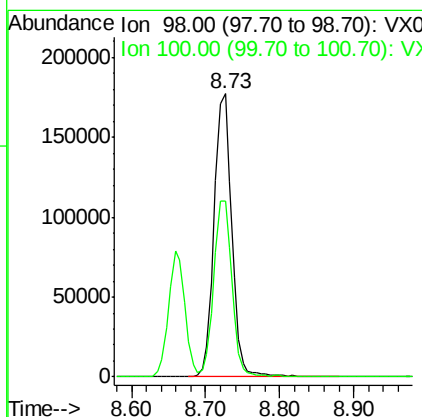
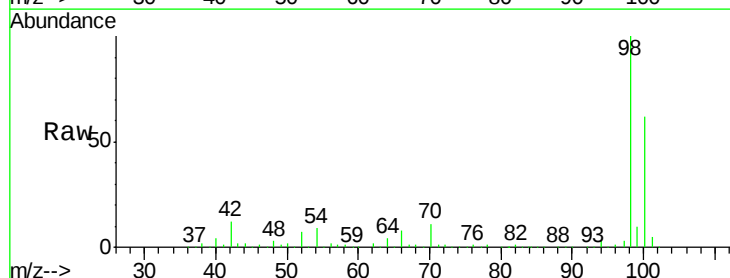
Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#50
Toluene-d8
Concen: 51.58 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 266.26 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

ICVX032018

Tot Ion: 43 Resp: 842423

Ion Ratio Lower Upper

43 100

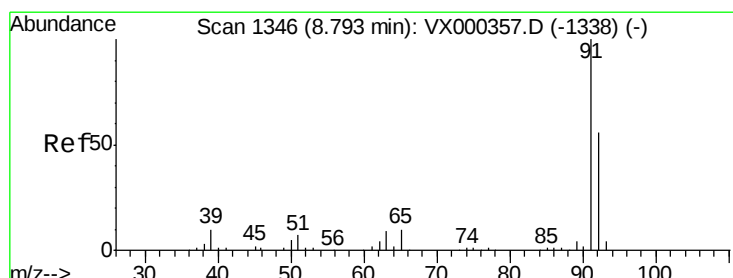
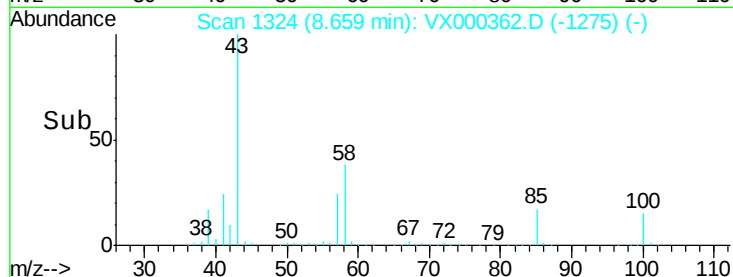
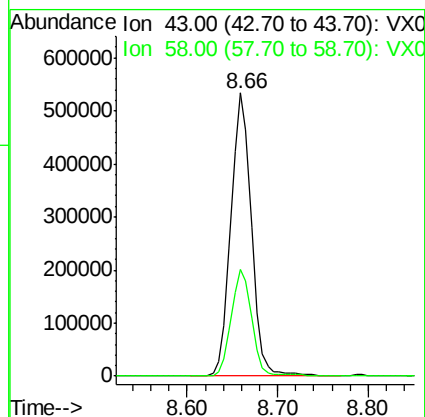
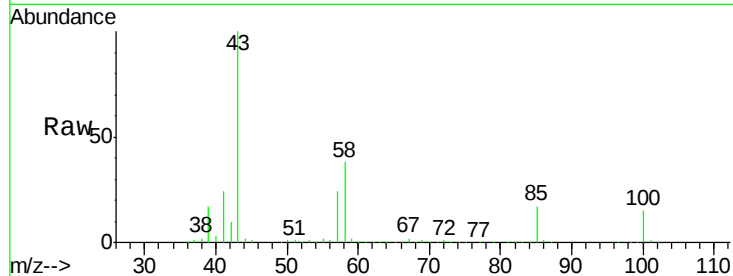
58 37.8 30.3 45.5

Manual Integrations

APPROVED

Sam

3/21/2018 11:44:18 AM



#52

Toluene

Concen: 51.45 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000362.D

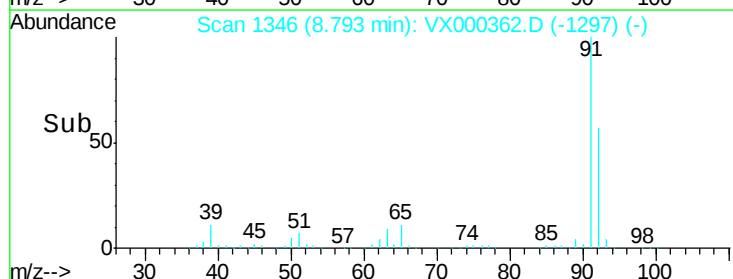
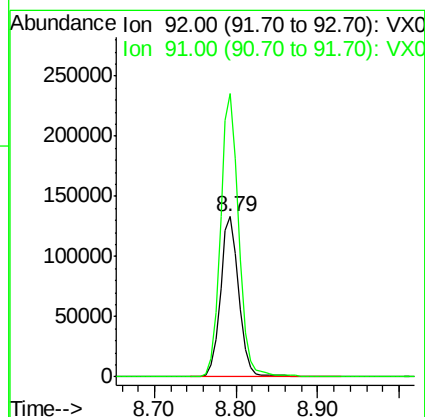
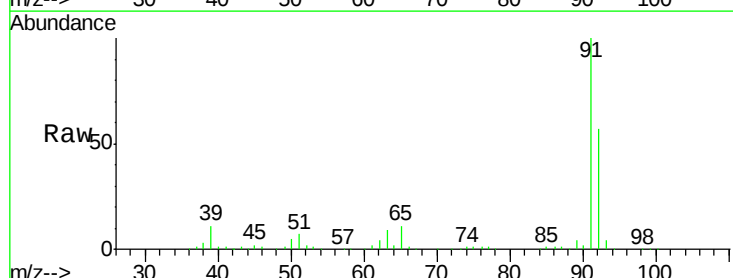
Acq: 20 Mar 2018 14:22

Tgt Ion: 92 Resp: 209997

Ion Ratio Lower Upper

92 100

91 175.7 140.2 210.2





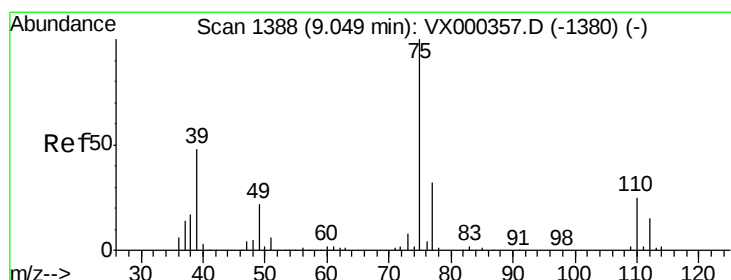
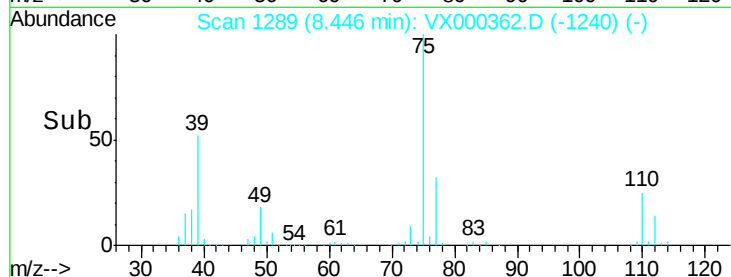
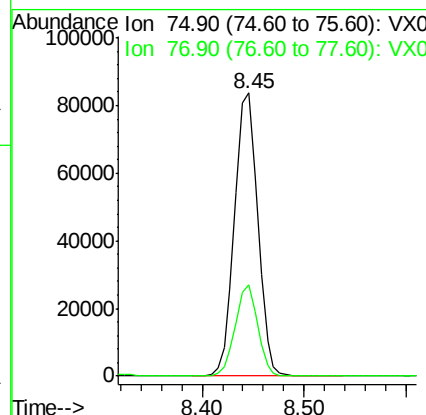
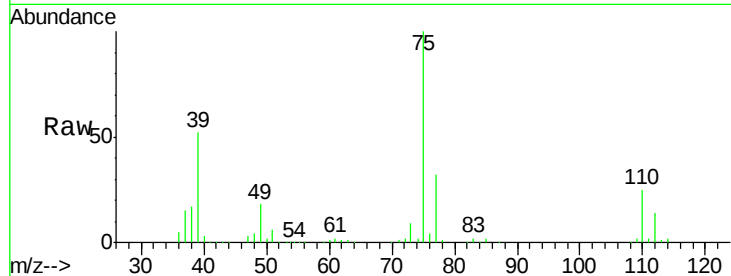
#53
t-1,3-Dichloropropene
Concen: 55.19 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.0	36.0

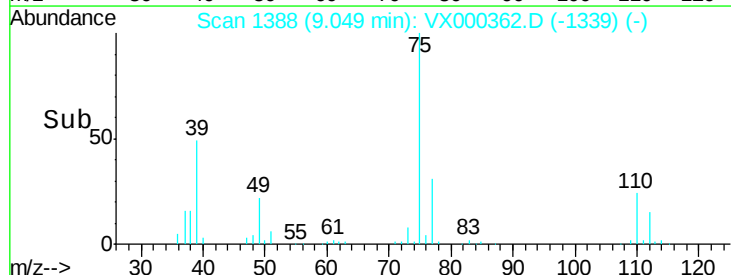
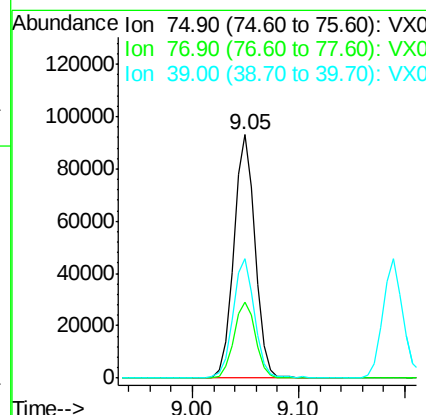
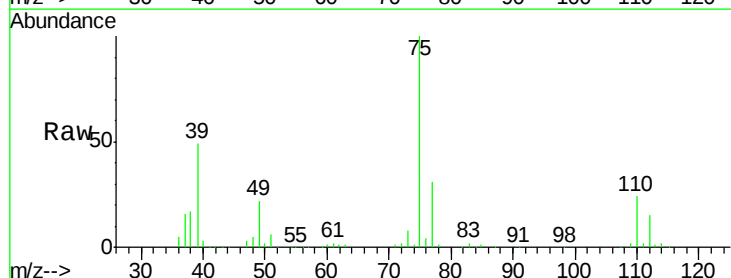
Manual Integrations
APPROVED

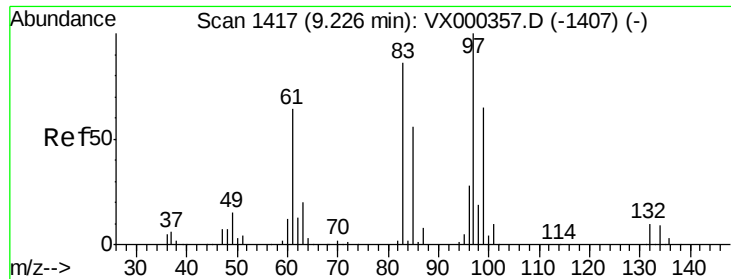
sam
3/21/2018 11:44:18 AM



#54
cis-1,3-Dichloropropene
Concen: 56.04 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.1	39.1
39	49.1	39.8	59.6





#55

1,1,2-Trichloroethane

Concen: 50.41 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

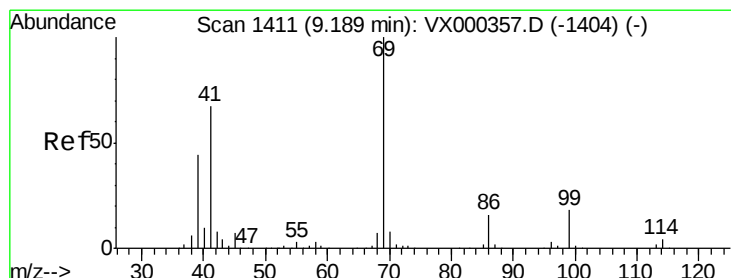
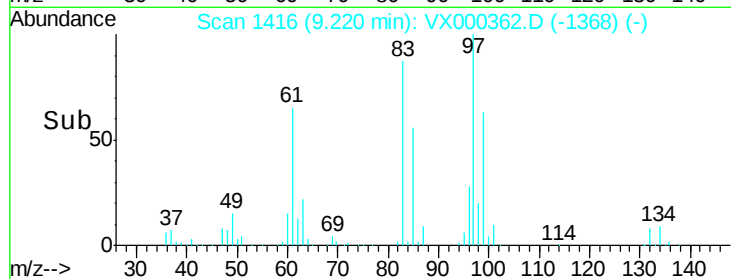
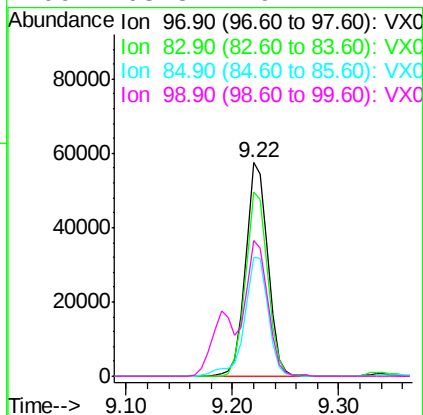
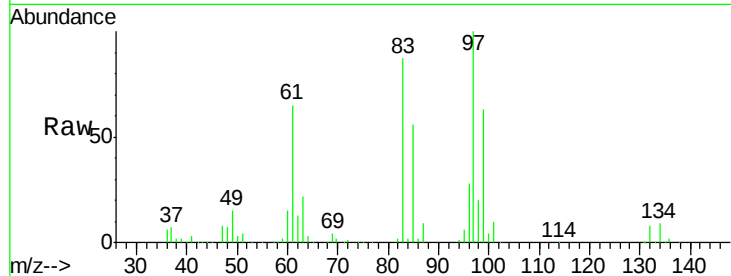
ClientSampled :

ICVVX032018

Tot Ion:	97	Resp:	84603
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.9	101.9
85	56.0	42.8	64.2
99	63.3	49.4	74.2

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#56

Ethyl methacrylate

Concen: 53.55 ug/l

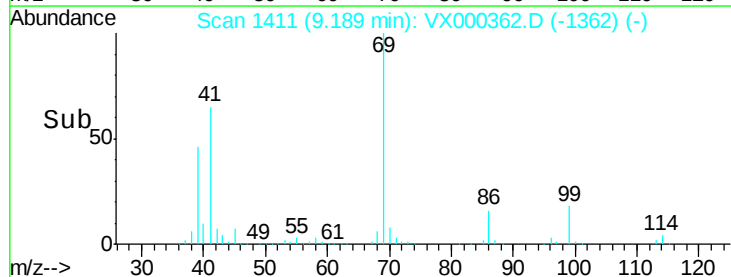
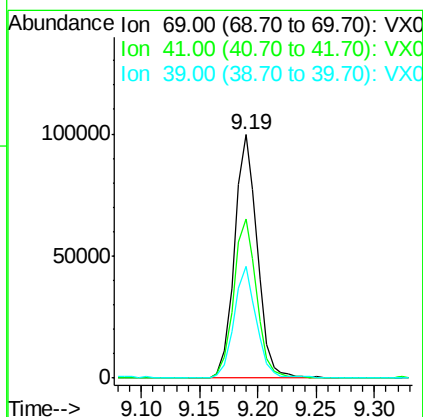
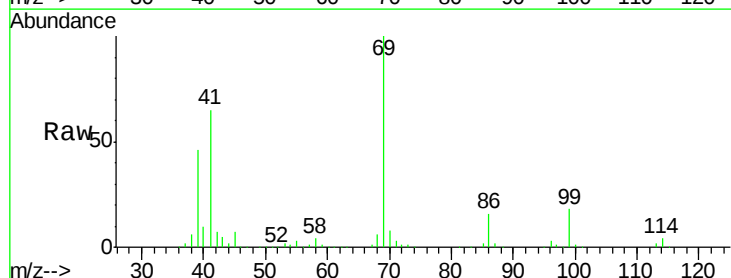
RT: 9.19 min Scan# 1411

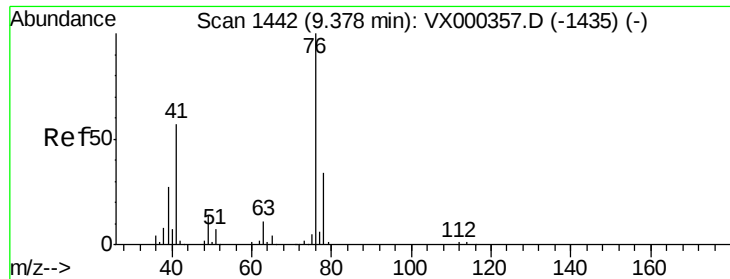
Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion:	69	Resp:	136176
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.0	79.6
39	44.7	35.3	52.9





#57

1,3-Dichloropropane

Concen: 52.06 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX032018

Tot Ion: 76 Resp: 139740

Ion Ratio Lower Upper

76 100

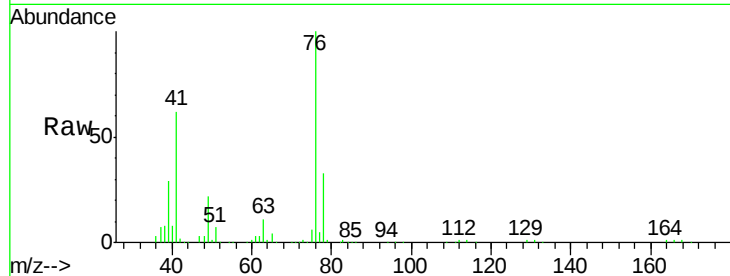
78 32.0 26.4 39.6

Manual Integrations

APPROVED

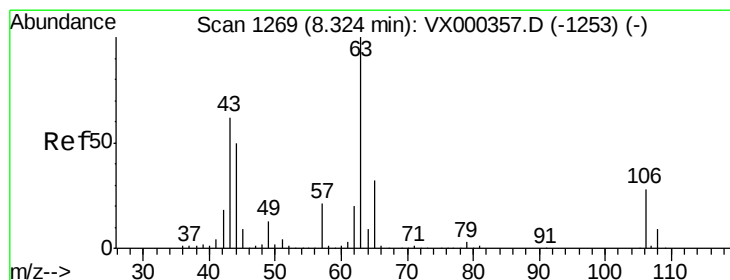
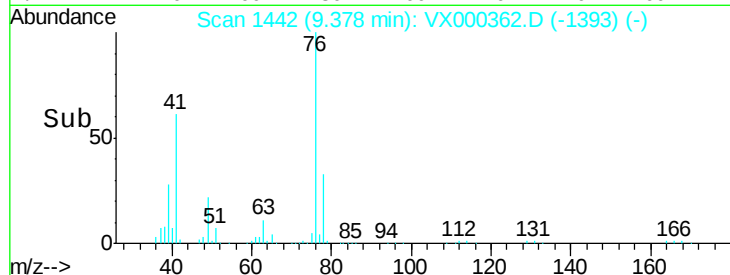
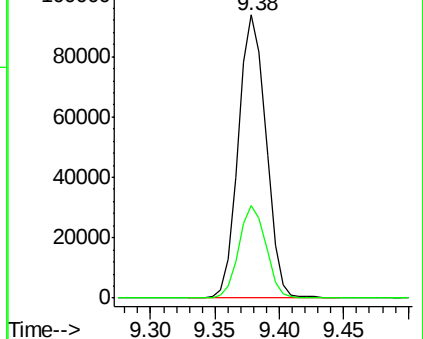
sam

3/21/2018 11:44:18 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 274.60 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000362.D

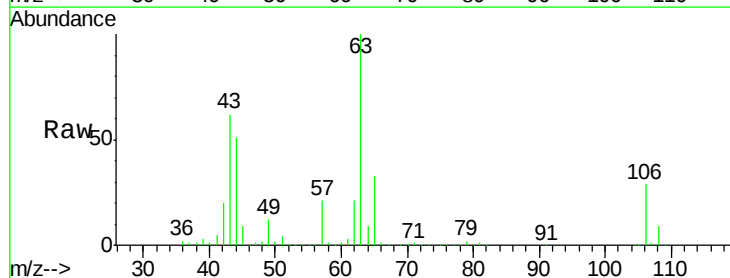
Acq: 20 Mar 2018 14:22

Tgt Ion: 63 Resp: 335171

Ion Ratio Lower Upper

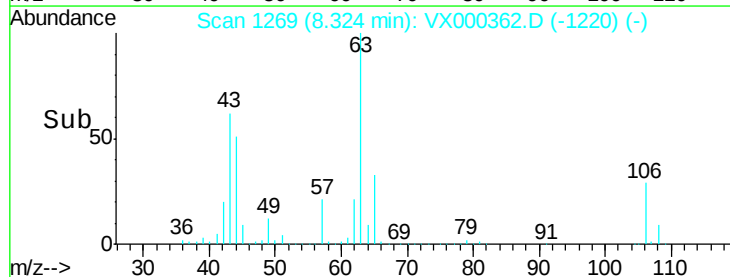
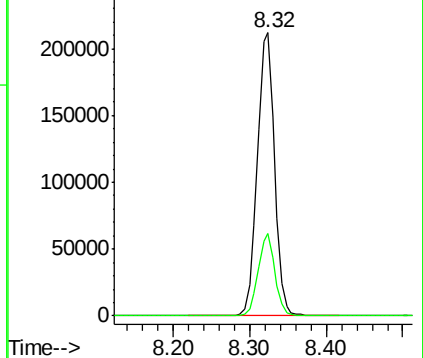
63 100

106 28.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





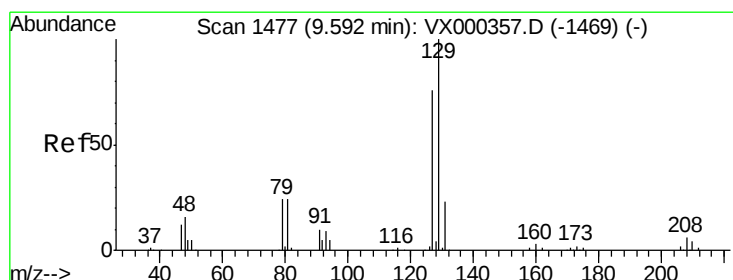
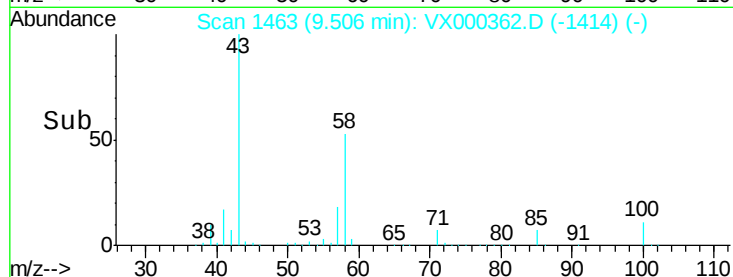
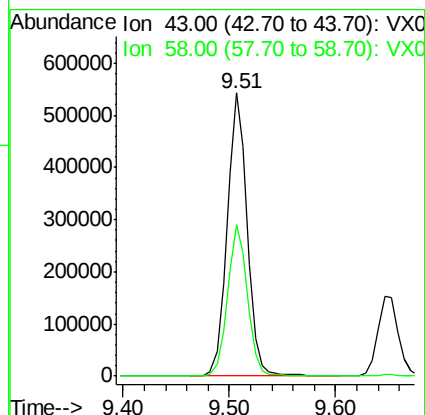
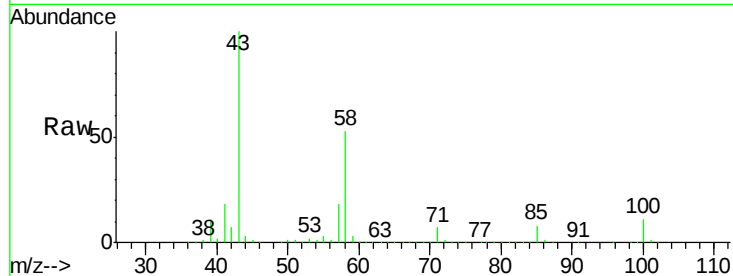
#59
2-Hexanone
Concen: 265.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion: 43 Resp: 713437
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7

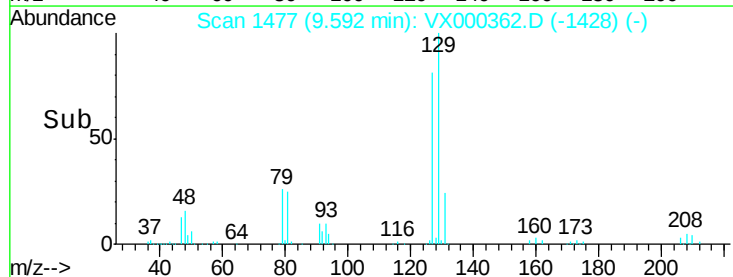
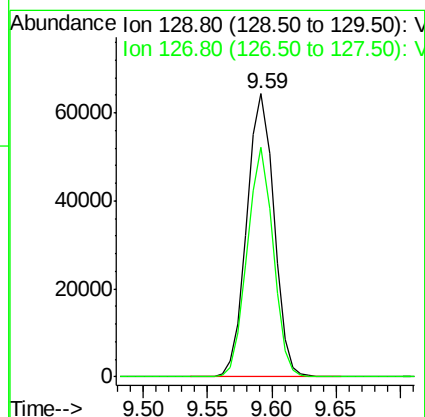
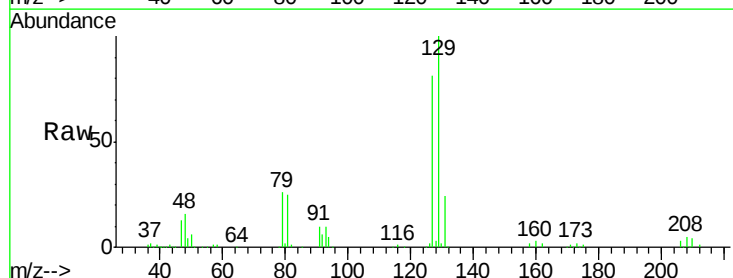
Manual Integrations
APPROVED

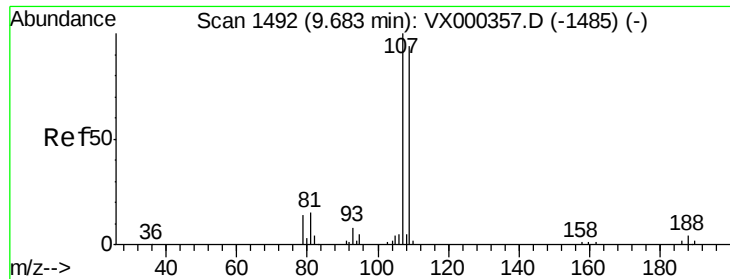
sam
3/21/2018 11:44:18 AM



#60
Dibromochloromethane
Concen: 47.38 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion: 129 Resp: 93627
Ion Ratio Lower Upper
129 100
127 77.3 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.62 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032018

Tot Ion:107 Resp: 94699

Ion Ratio Lower Upper

107 100

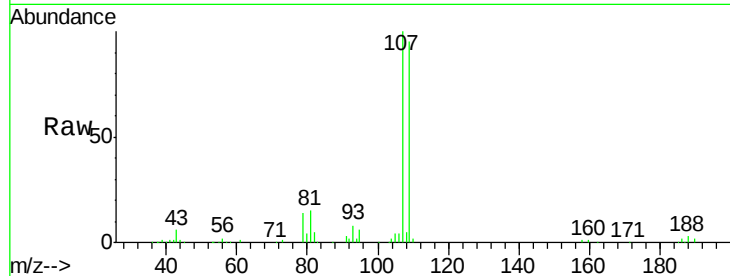
109 94.5 76.1 114.1

Manual Integrations

APPROVED

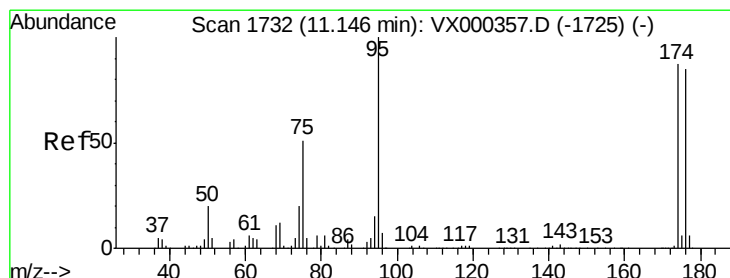
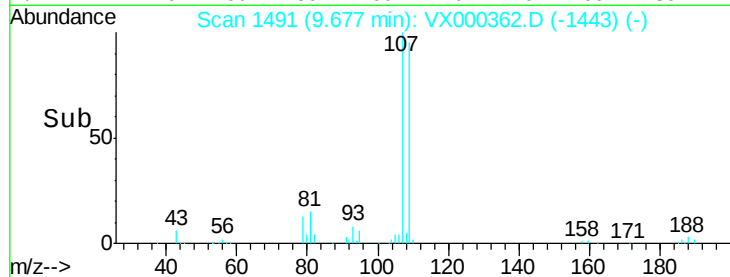
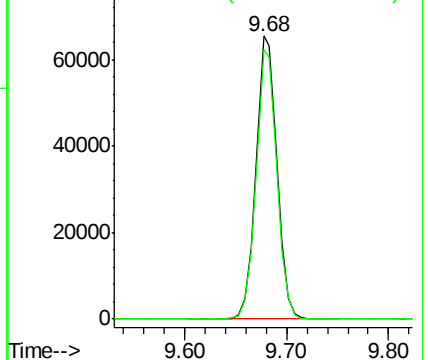
sam

3/21/2018 11:44:18 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

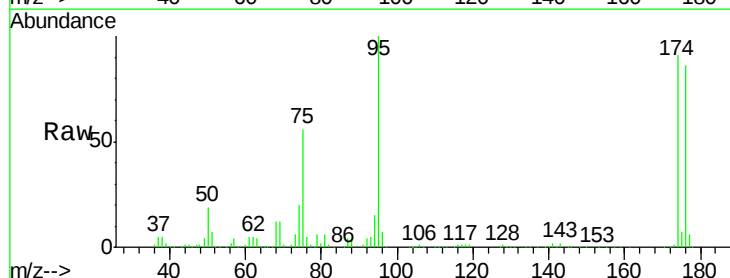
Tgt Ion: 95 Resp: 113446

Ion Ratio Lower Upper

95 100

174 90.6 0.0 173.6

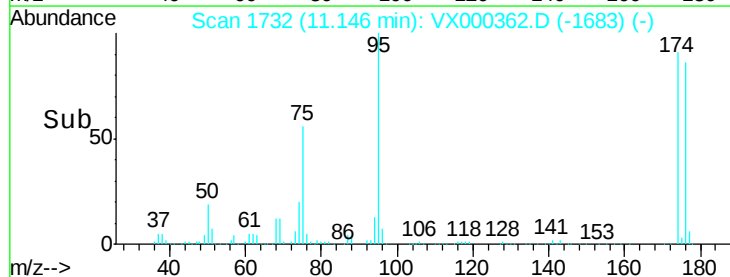
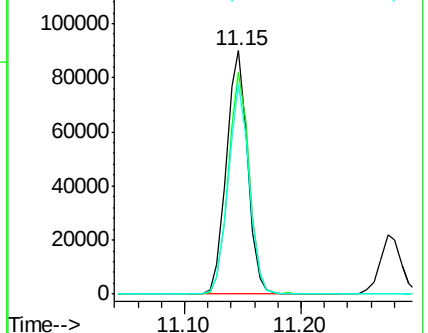
176 85.1 0.0 164.6

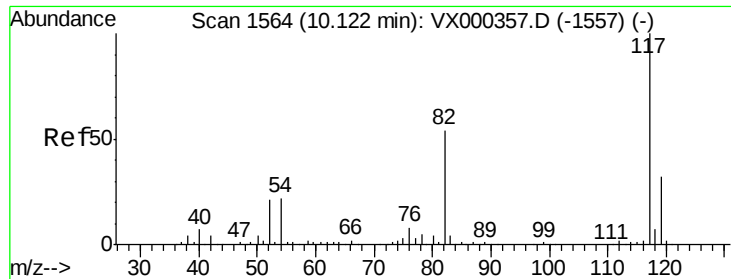


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





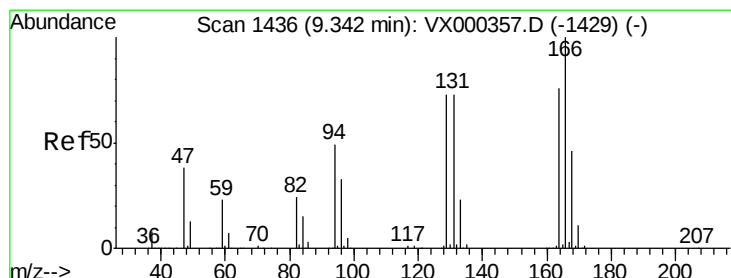
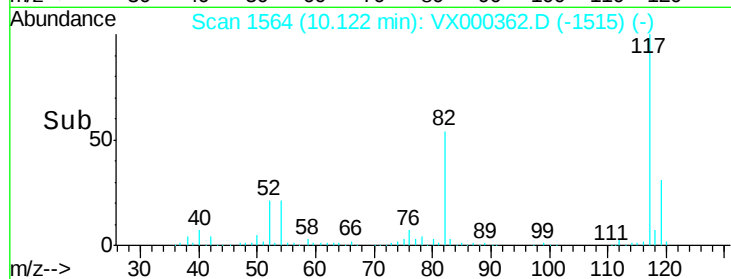
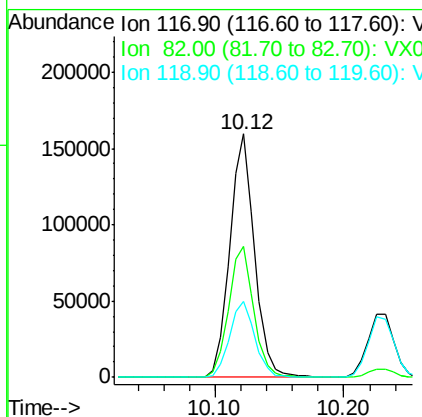
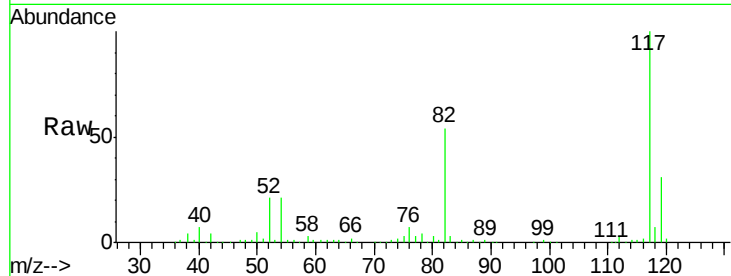
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.8
119	31.2	24.9	37.3

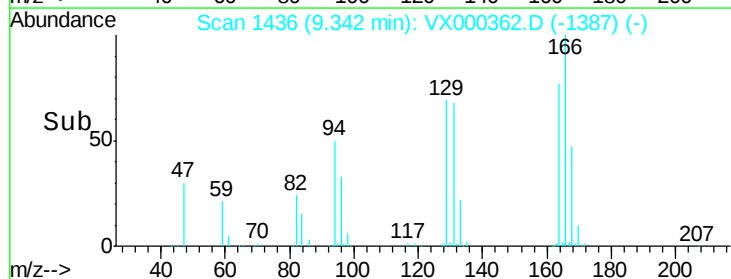
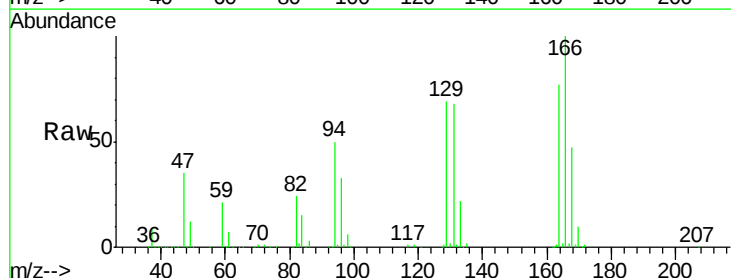
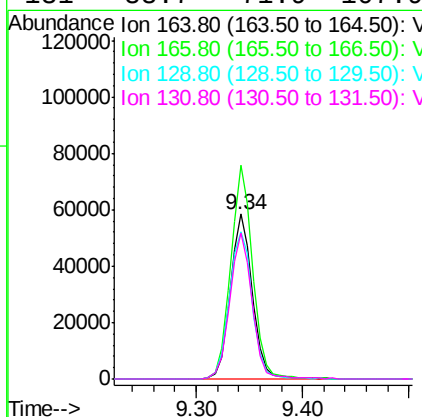
Manual Integrations
APPROVED

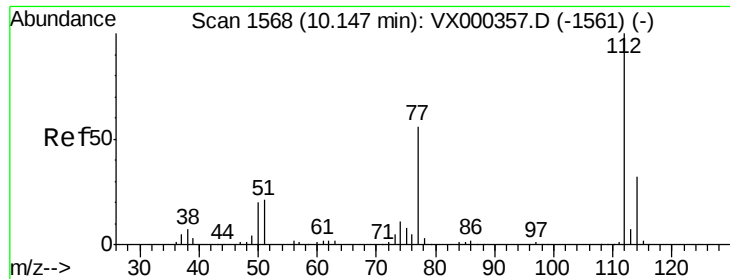
sam
3/21/2018 11:44:18 AM



#64
Tetrachloroethene
Concen: 51.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	101.0	151.6
129	89.6	79.0	118.4
131	88.7	71.9	107.9





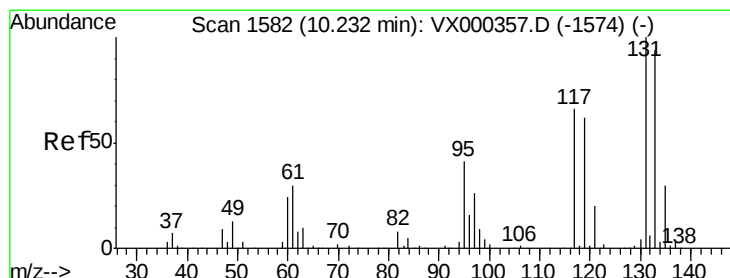
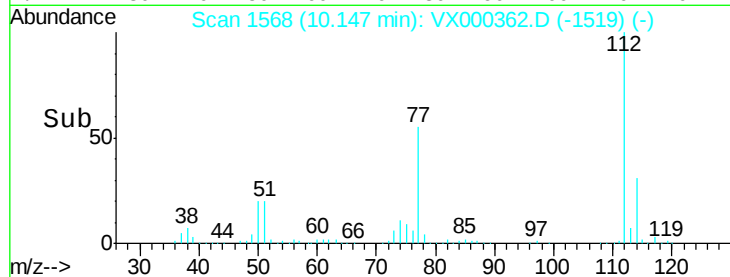
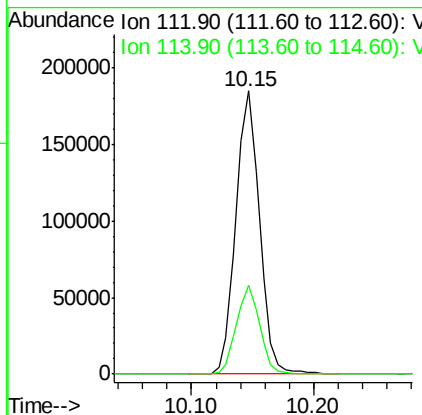
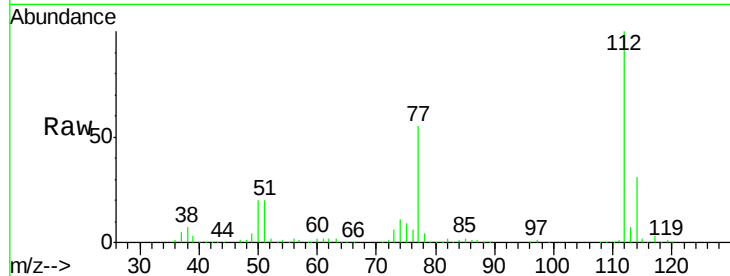
#65
Chlorobenzene
Concen: 51.53 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion:112 Resp: 246086
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

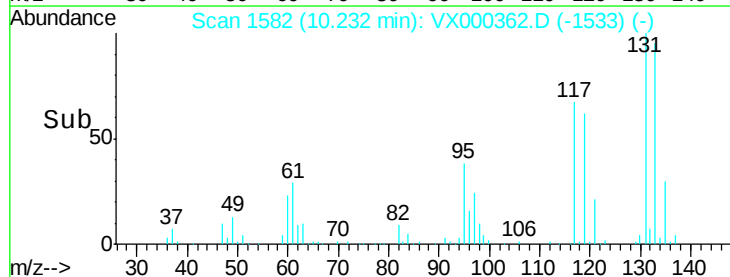
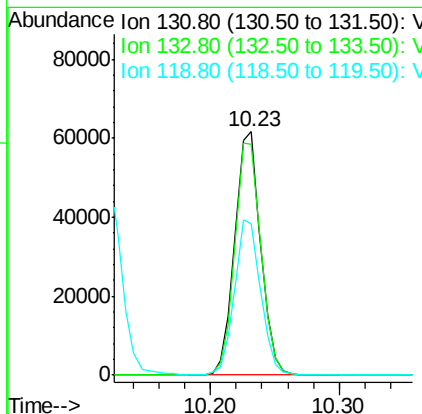
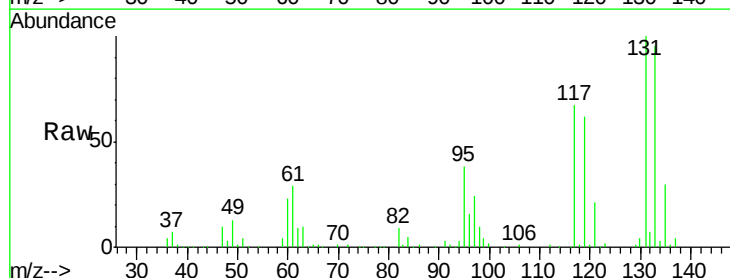
Manual Integrations
APPROVED

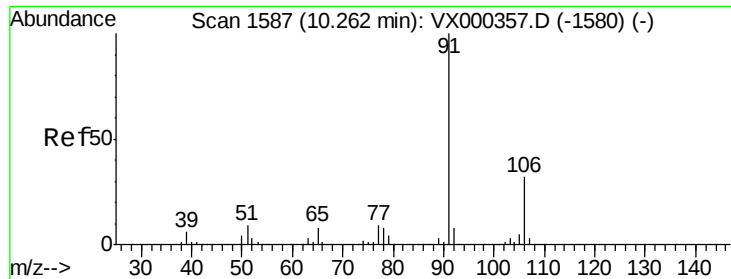
sam
3/21/2018 11:44:18 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.34 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion:131 Resp: 86506
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.3
119 64.3 33.1 99.2





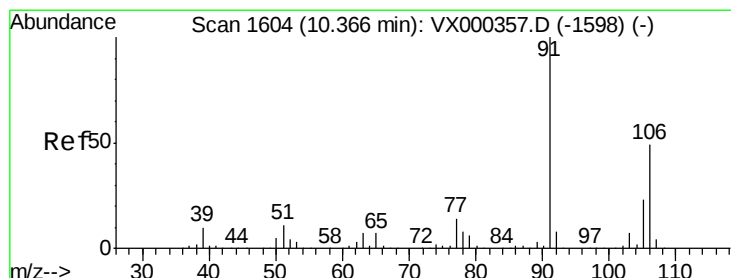
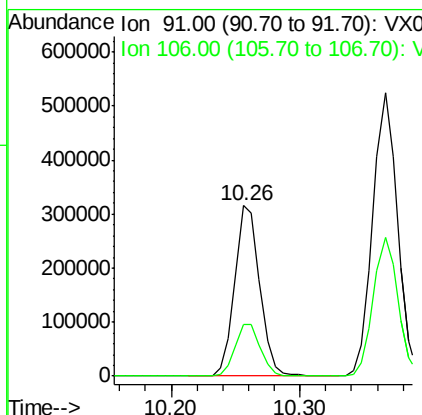
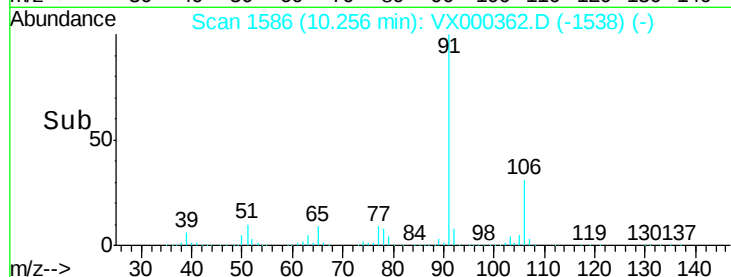
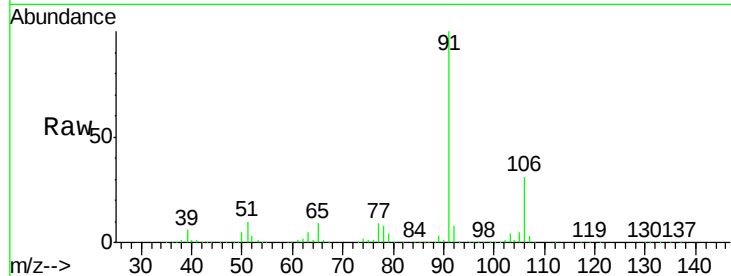
#67
Ethyl Benzene
Concen: 53.32 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion: 91 Resp: 431606
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6

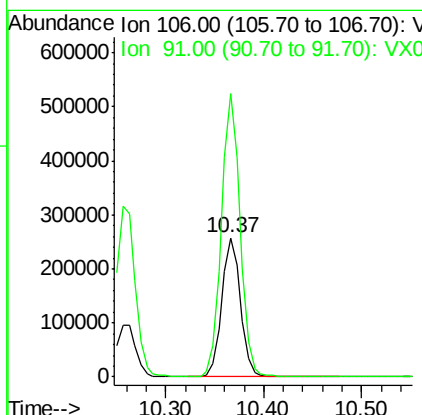
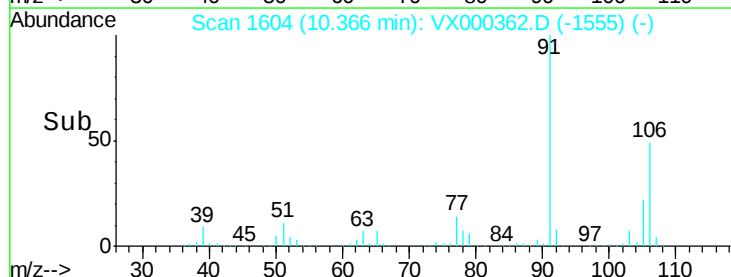
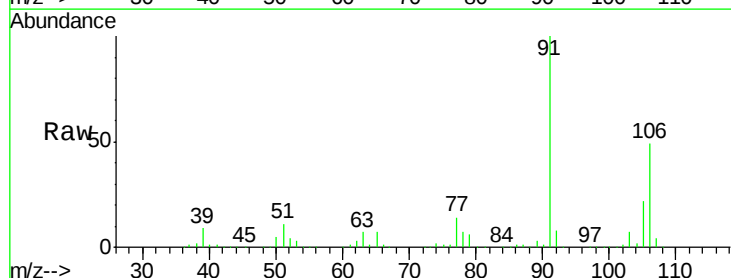
Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#68
m/p-Xylenes
Concen: 107.25 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion: 106 Resp: 341622
Ion Ratio Lower Upper
106 100
91 203.9 163.4 245.2





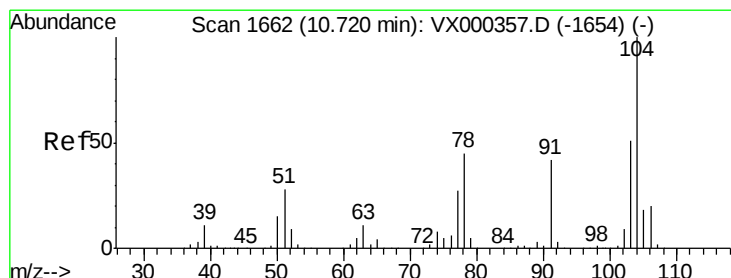
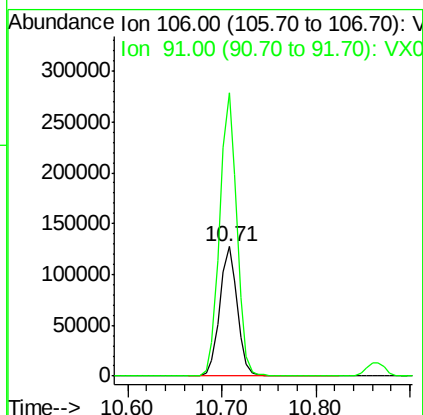
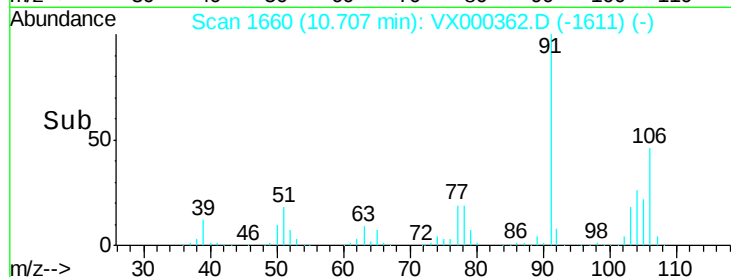
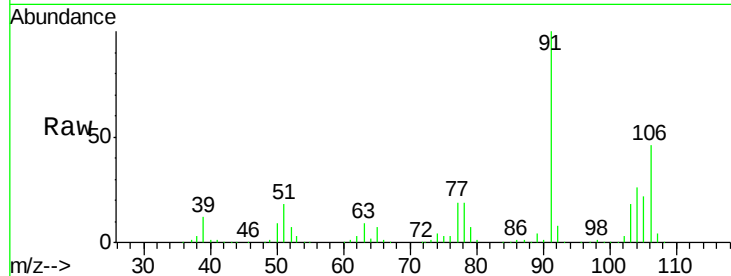
#69
o-Xylene
Concen: 53.34 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032018

Tot Ion:106 Resp: 164500
Ion Ratio Lower Upper
106 100
91 214.7 106.5 319.6

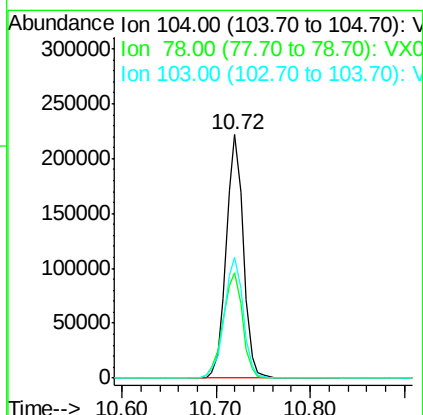
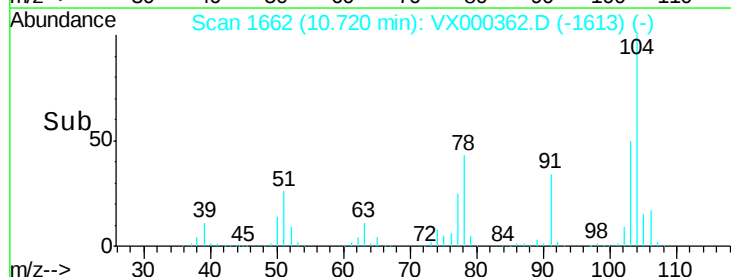
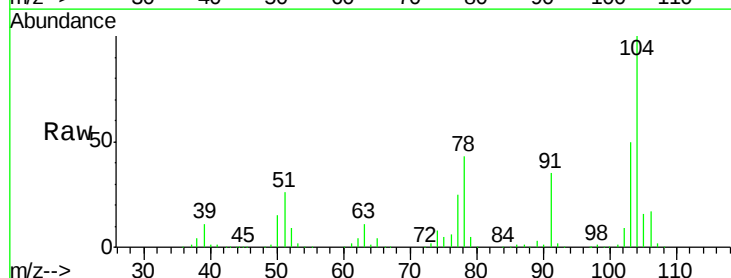
Manual Integrations
APPROVED

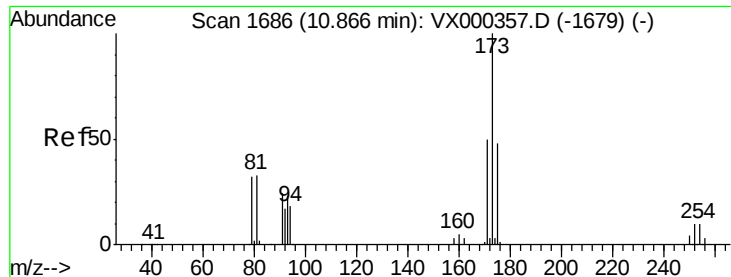
sam
3/21/2018 11:44:18 AM



#70
Styrene
Concen: 54.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion:104 Resp: 279808
Ion Ratio Lower Upper
104 100
78 49.5 40.5 60.7
103 55.0 45.7 68.5





#71

Bromoform

Concen: 46.69 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032018

Tot Ion:173 Resp: 78308

Ion Ratio Lower Upper

173 100

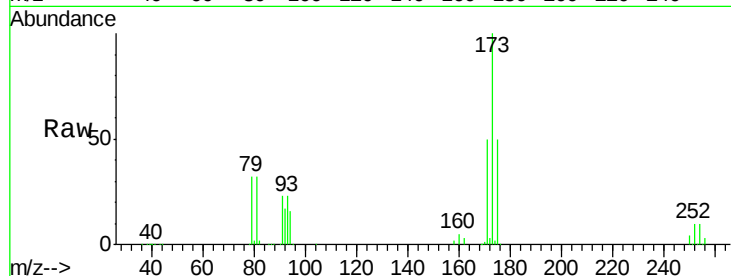
175 48.6 25.4 76.4

254 0.1 0.0 0.0#

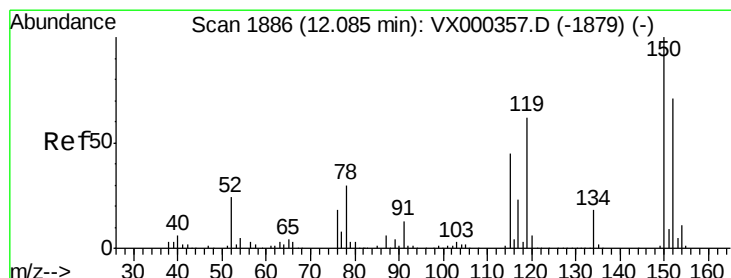
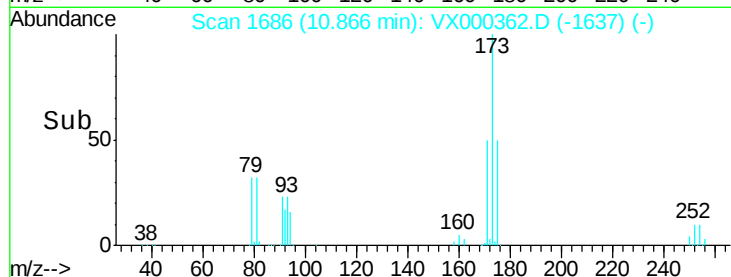
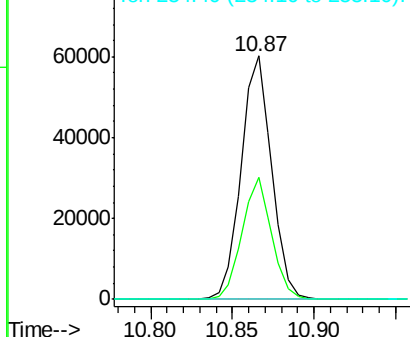
Manual Integrations
APPROVED

sam

3/21/2018 11:44:18 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

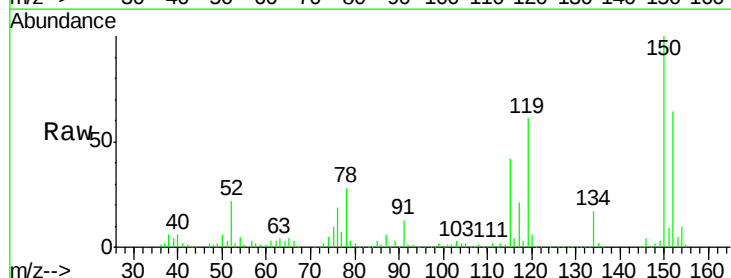
Tgt Ion:152 Resp: 136085

Ion Ratio Lower Upper

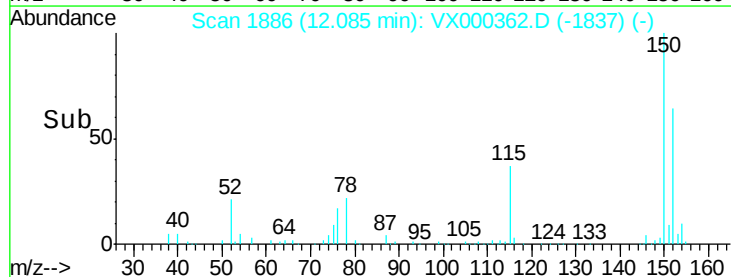
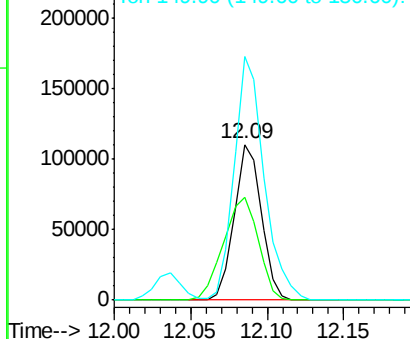
152 100

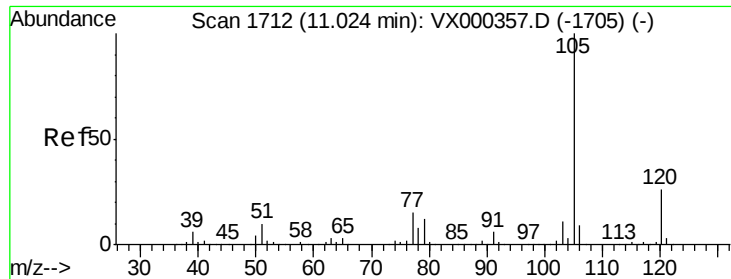
115 84.4 39.8 119.3

150 173.0 0.0 344.4



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





#73

Isopropylbenzene

Concen: 50.95 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032018

Tot Ion: 105 Resp: 459378

Ion Ratio Lower Upper

105 100

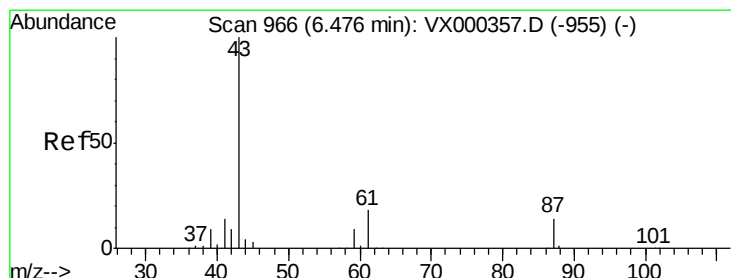
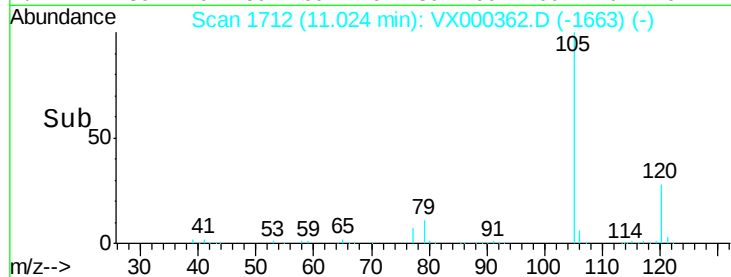
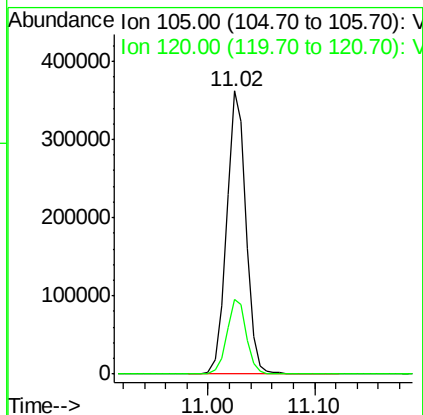
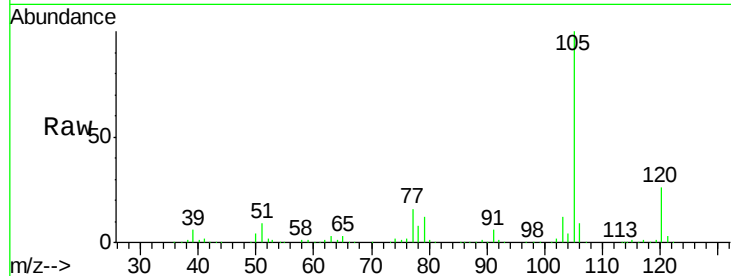
120 26.7 13.6 40.7

Manual Integrations

APPROVED

sam

3/21/2018 11:44:18 AM



#74

N-ethyl acetate

Concen: 55.36 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion: 43 Resp: 216194

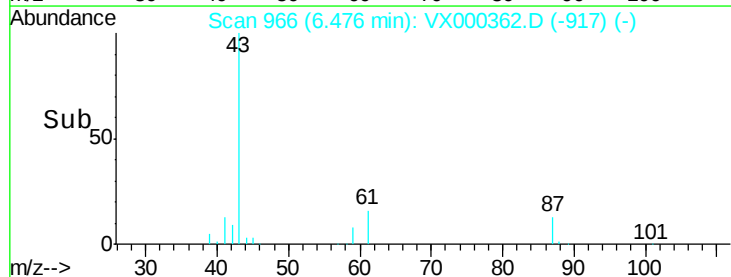
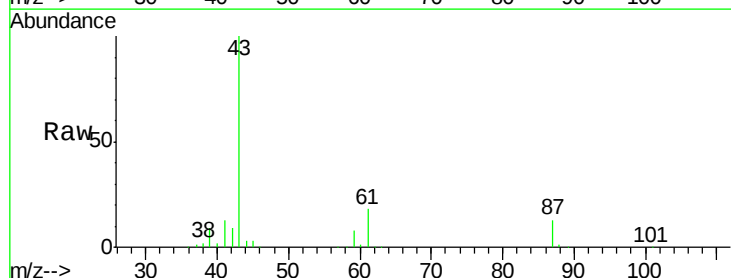
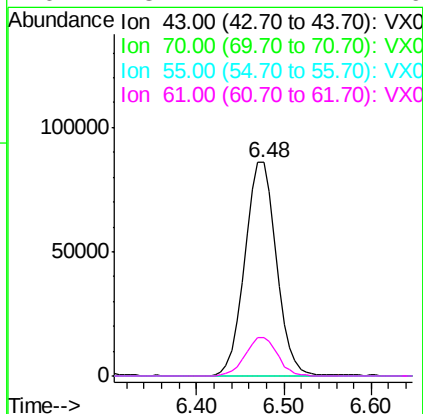
Ion Ratio Lower Upper

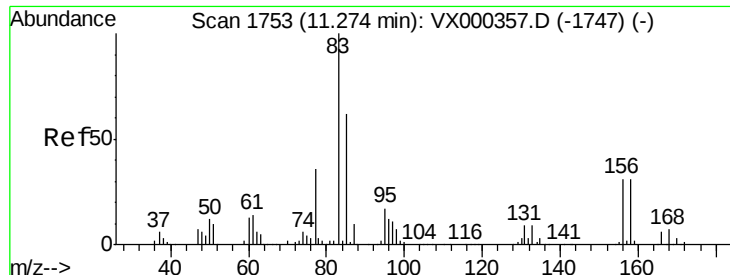
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.4 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.48 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

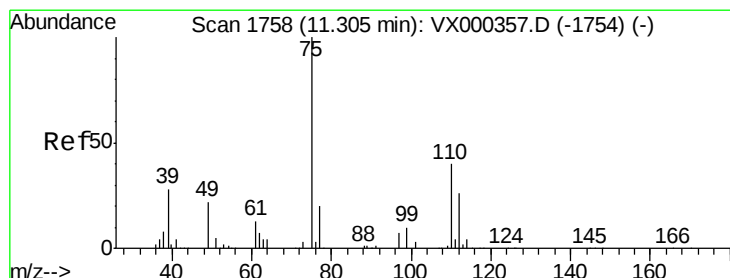
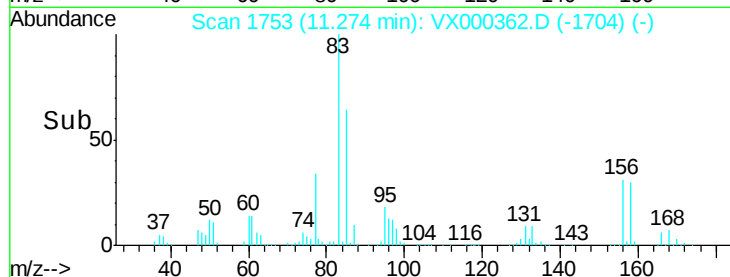
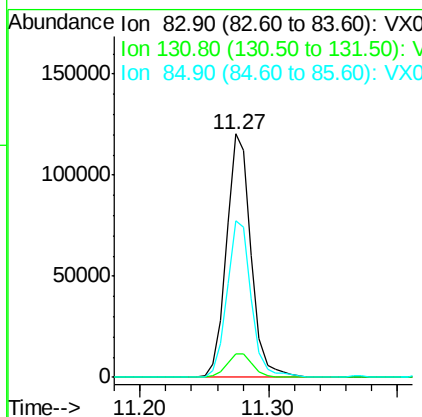
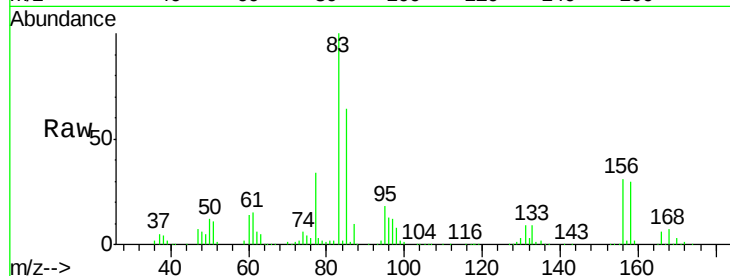
ClientSampleId :

ICVVX032018

Tot Ion:	83	Resp:	160985
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	63.7	32.5	97.5

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#76

1,2,3-Trichloropropane

Concen: 50.97 ug/l m

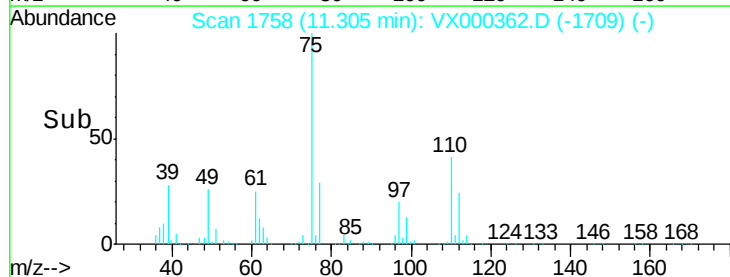
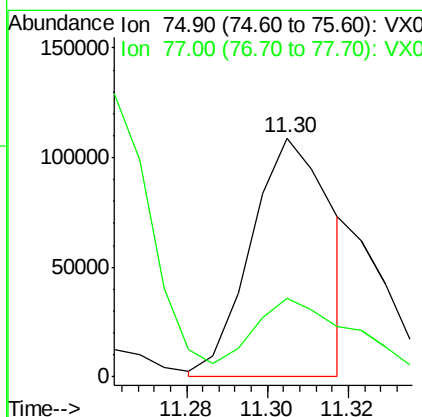
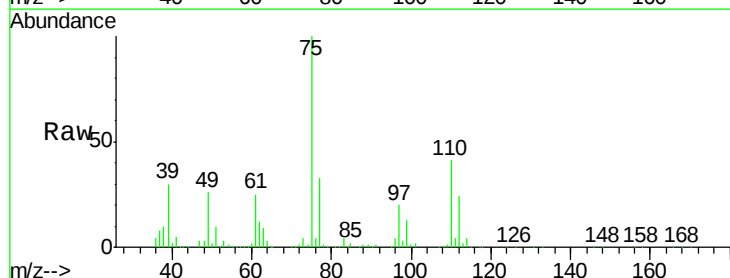
RT: 11.30 min Scan# 1758

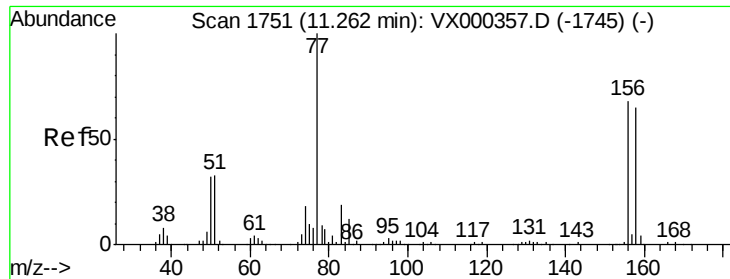
Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion:	75	Resp:	149060
Ion	Ratio	Lower	Upper
75	100		
77	42.2	21.4	64.2





#77

Bromobenzene

Concen: 47.15 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

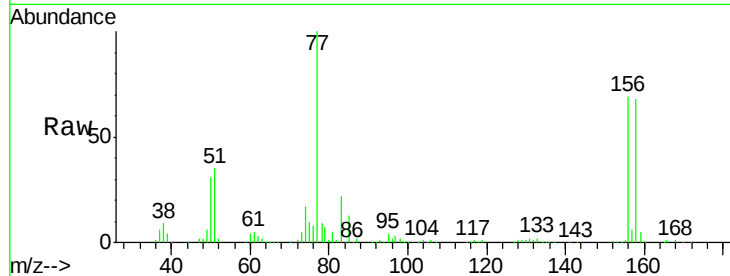
ClientSampleId :

ICVVX032018

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.9	73.4	220.2
158	96.2	48.5	145.6

Manual Integrations
APPROVED

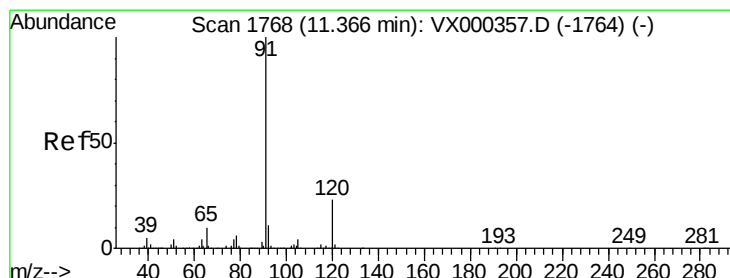
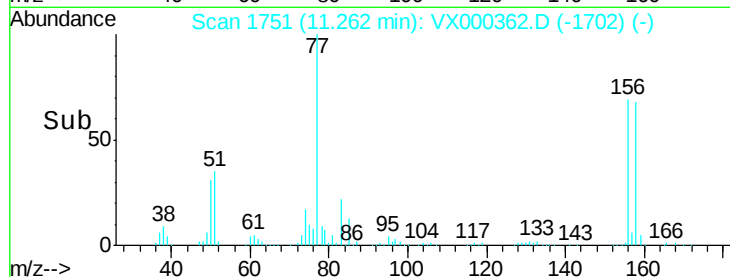
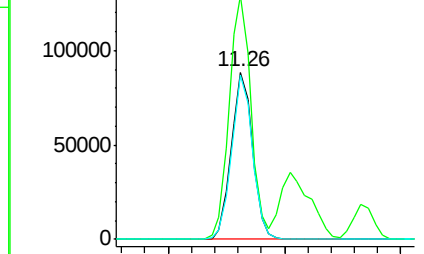
sam
3/21/2018 11:44:18 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.83 ug/l

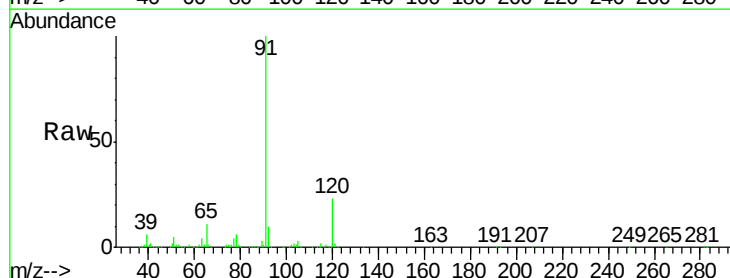
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000362.D

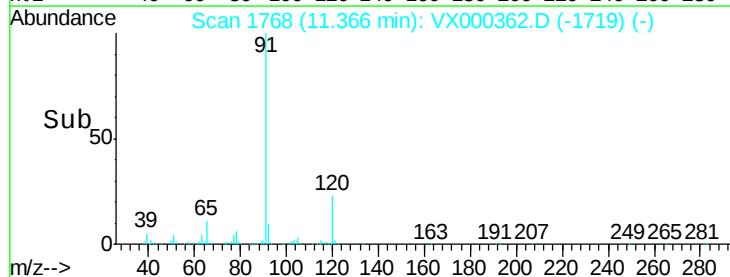
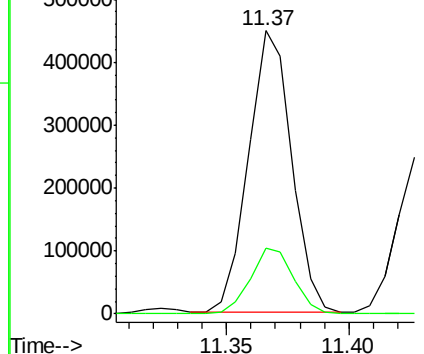
Acq: 20 Mar 2018 14:22

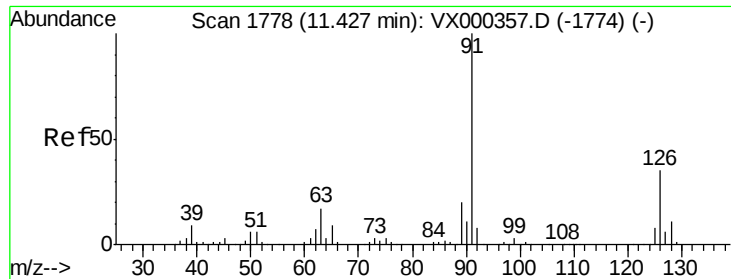
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.82 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX032018

Tot Ion: 91 Resp: 309458

Ion Ratio Lower Upper

91 100

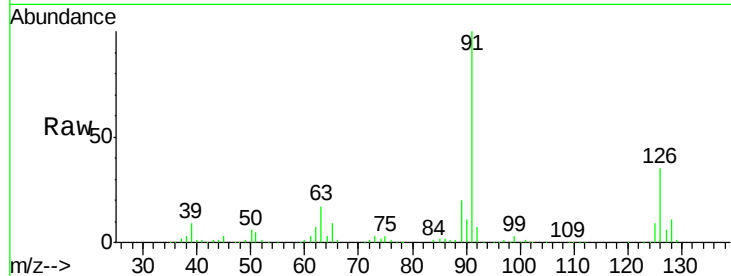
126 35.9 17.7 53.1

Manual Integrations

APPROVED

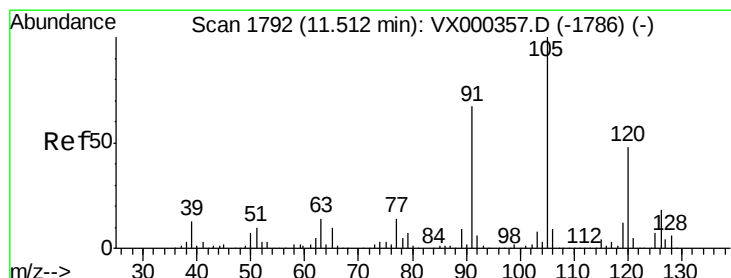
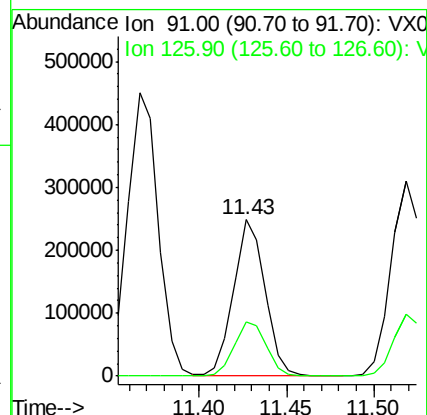
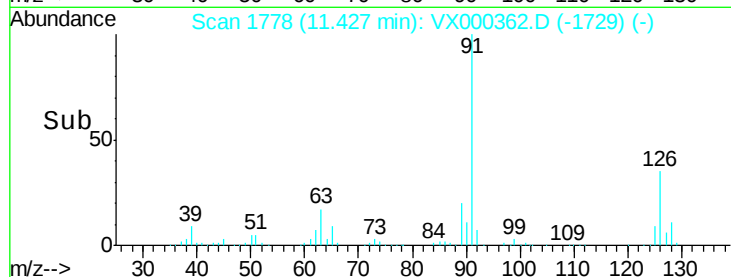
sam

3/21/2018 11:44:18 AM



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000362.D

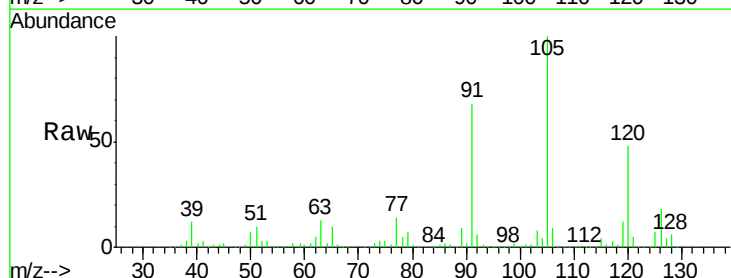
Acq: 20 Mar 2018 14:22

Tgt Ion: 105 Resp: 402223

Ion Ratio Lower Upper

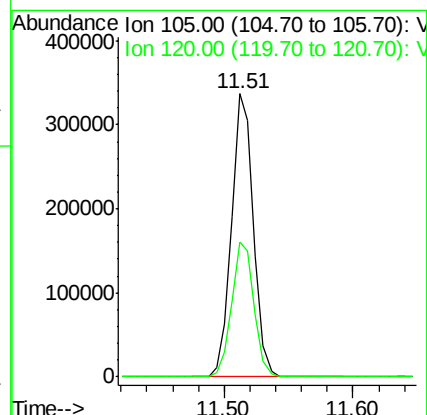
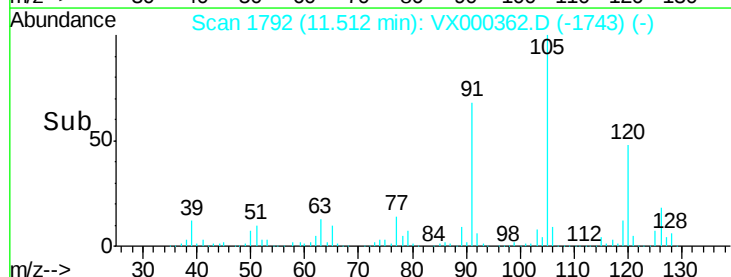
105 100

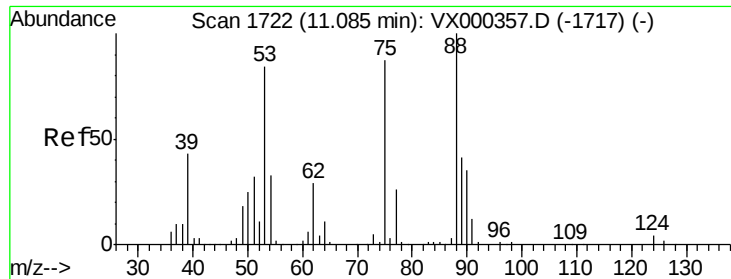
120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.07 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

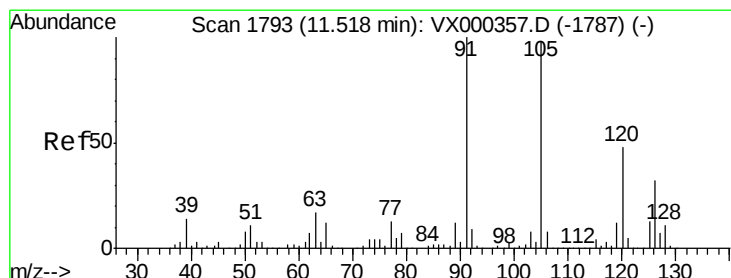
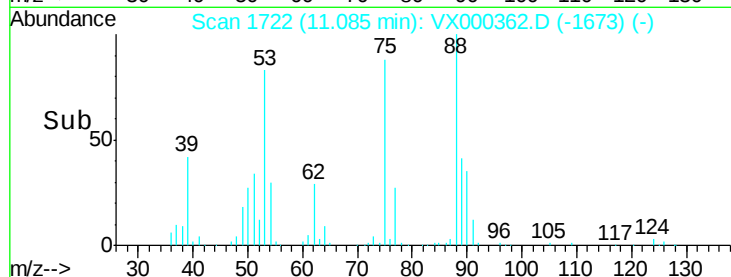
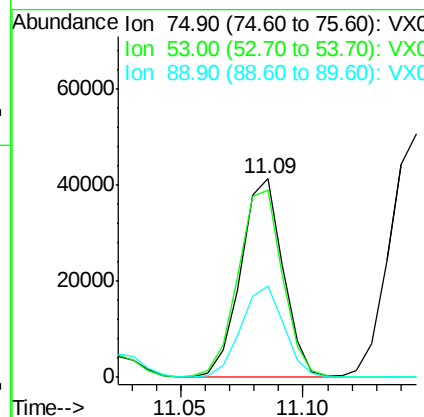
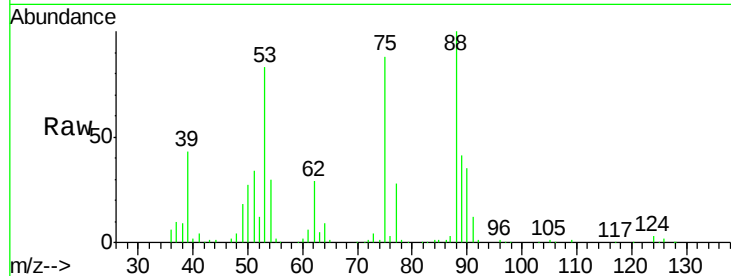
ClientSampleId :

ICVVX032018

Tot Ion:	75	Resp:	49751
Ion Ratio	Lower	Upper	
75	100		
53	99.9	80.7	121.1
89	47.0	39.4	59.0

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#82

4-Chlorotoluene

Concen: 52.20 ug/l

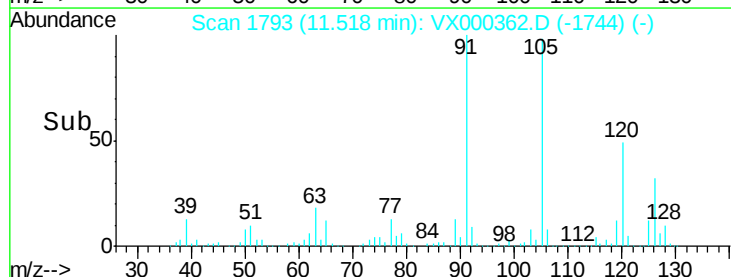
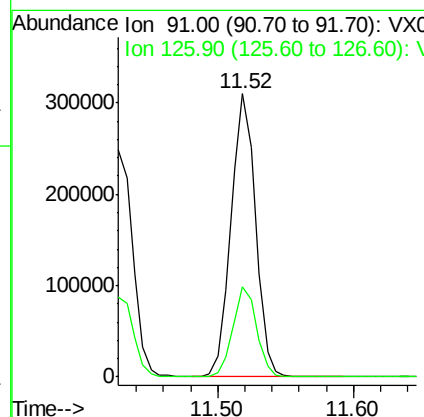
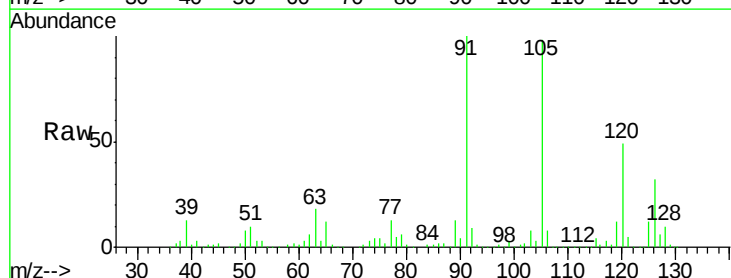
RT: 11.52 min Scan# 1793

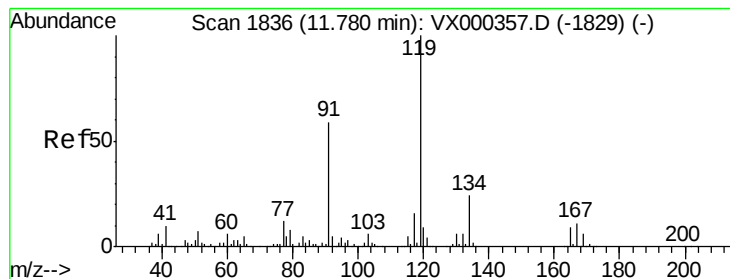
Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion:	91	Resp:	387142
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.4	46.1





#83

tert-Butylbenzene

Concen: 51.82 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

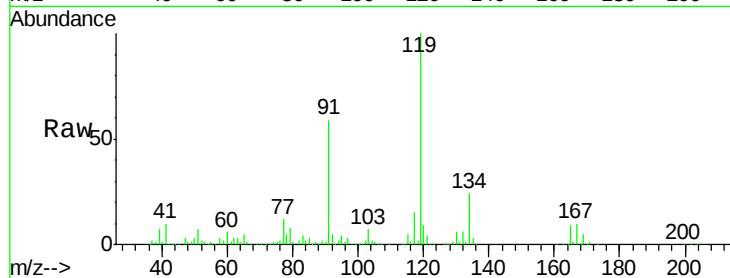
ClientSampled :

ICVVX032018

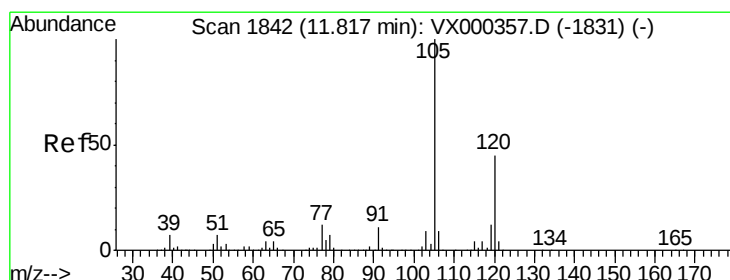
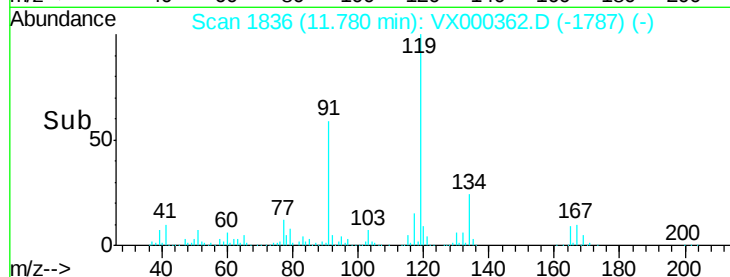
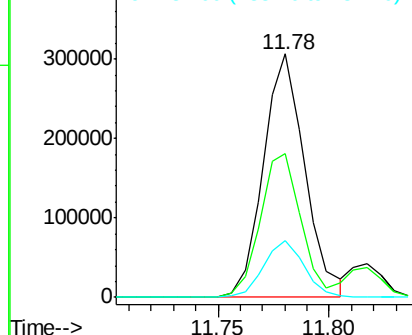
Tot Ion:	119	Resp:	396231
Ion Ratio	Lower	Upper	
119	100		
91	57.7	28.8	86.4
134	22.7	11.4	34.1

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.20 ug/l

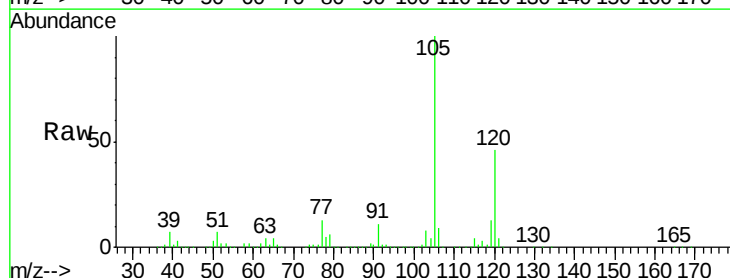
RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

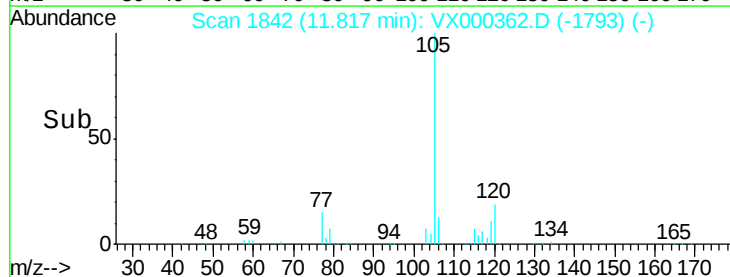
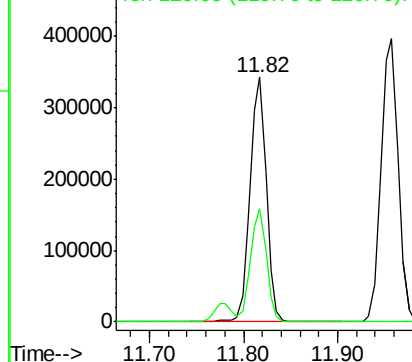
Lab File: VX000362.D

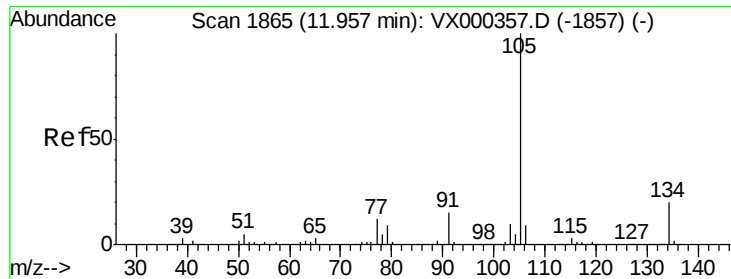
Acq: 20 Mar 2018 14:22

Tgt Ion:	105	Resp:	414936
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.4	67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.55 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX032018

Tot Ion:105 Resp: 497179

Ion Ratio Lower Upper

105 100

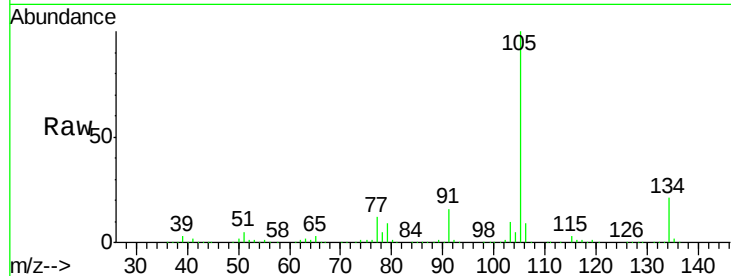
134 20.1 10.3 30.8

Manual Integrations

APPROVED

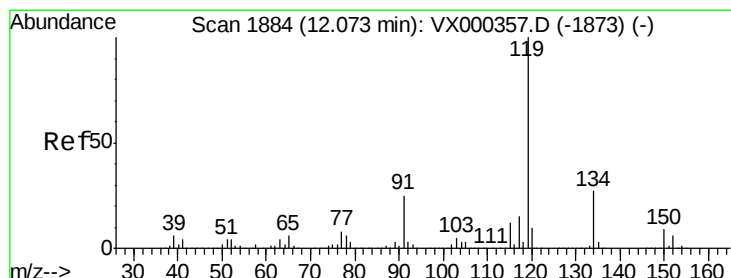
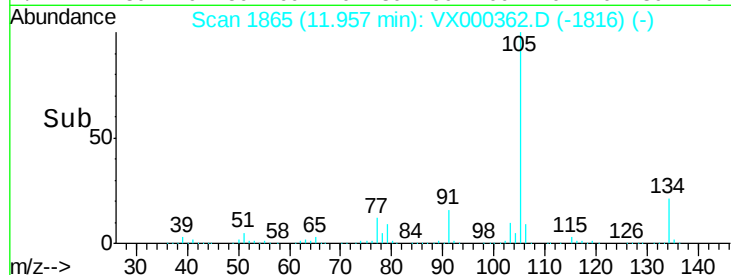
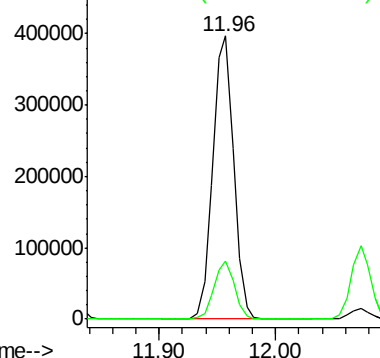
sam

3/21/2018 11:44:18 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.32 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

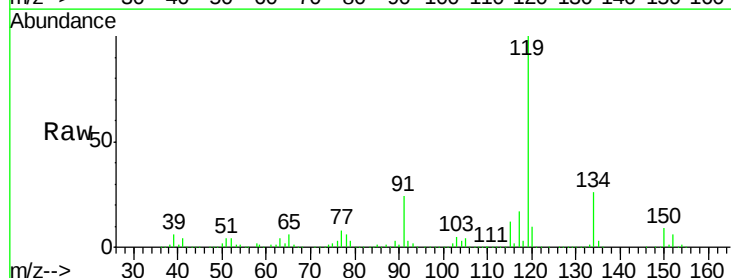
Tgt Ion:119 Resp: 456430

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

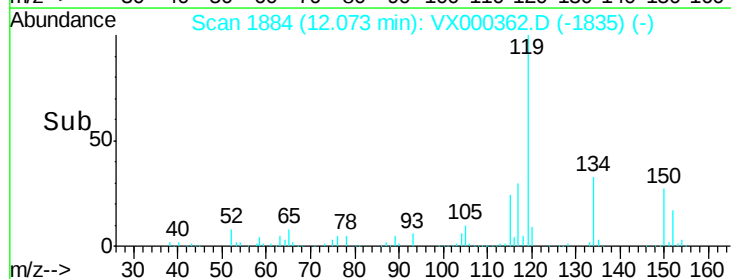
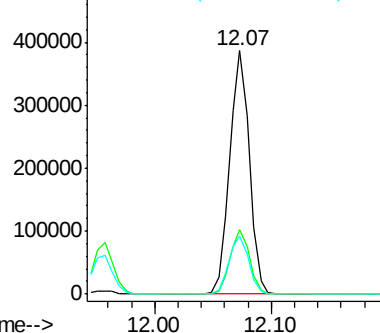
91 24.2 12.0 36.1

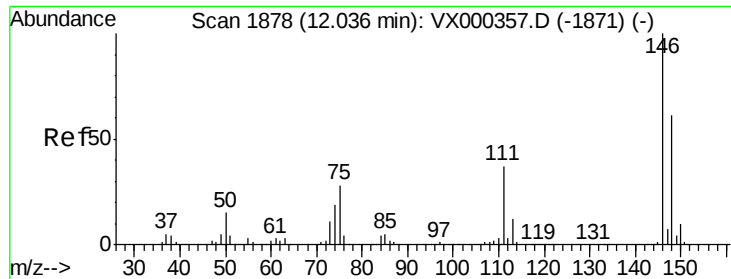


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





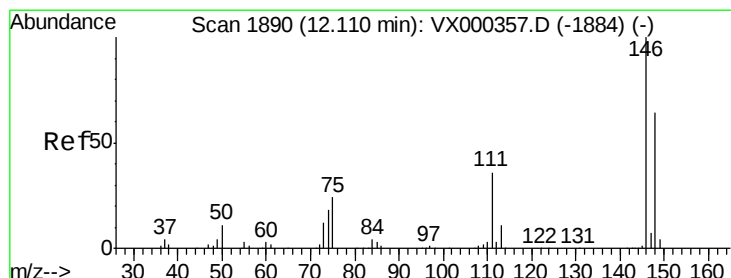
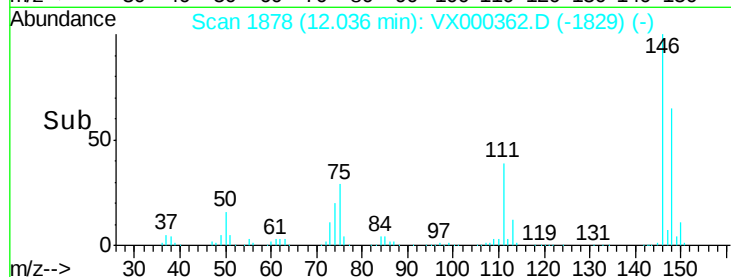
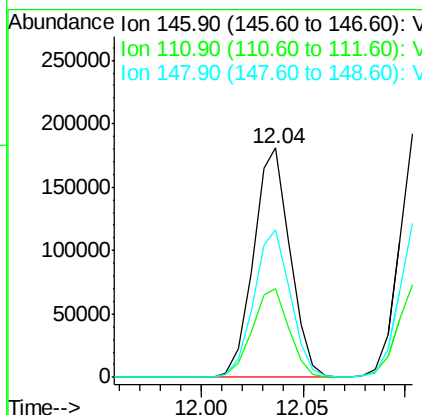
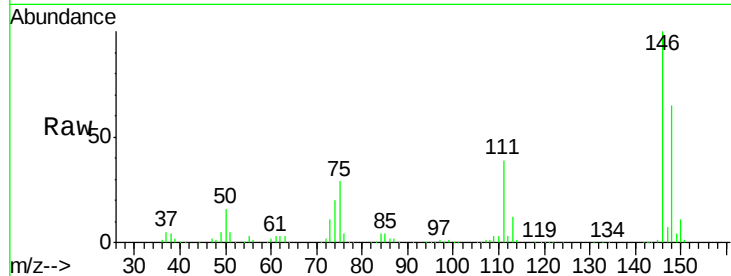
#87
 1,3-Dichlorobenzene
 Concen: 49.57 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032018

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	64.5	32.4	97.0

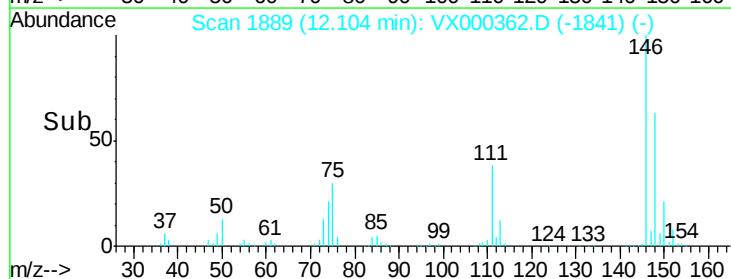
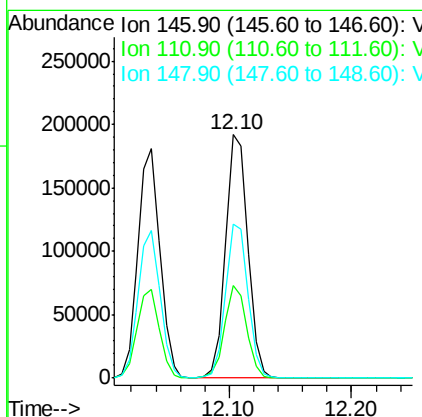
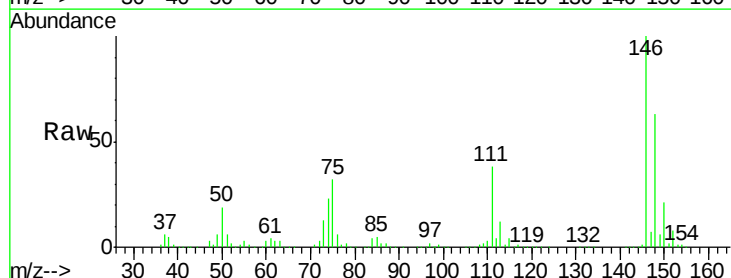
Manual Integrations
 APPROVED

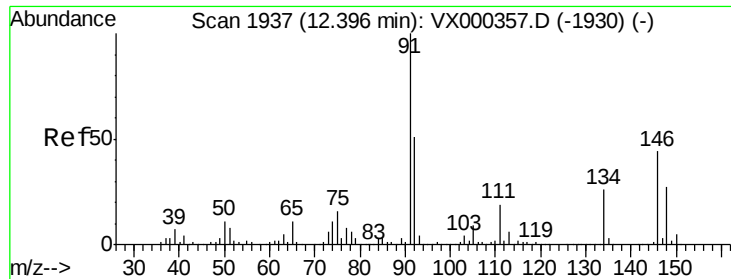
sam
 3/21/2018 11:44:18 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.39 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	63.8	31.0	93.0





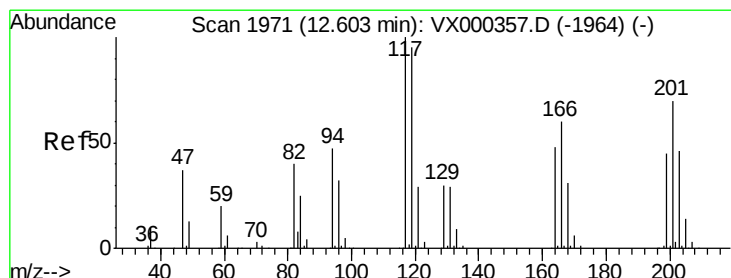
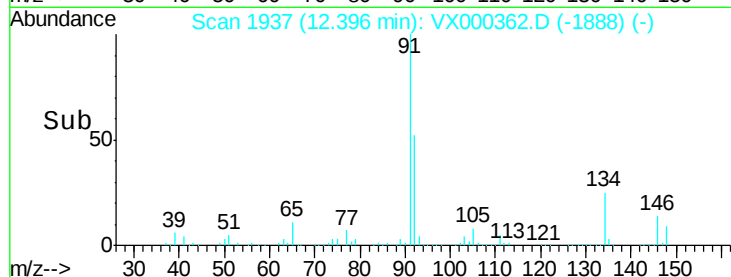
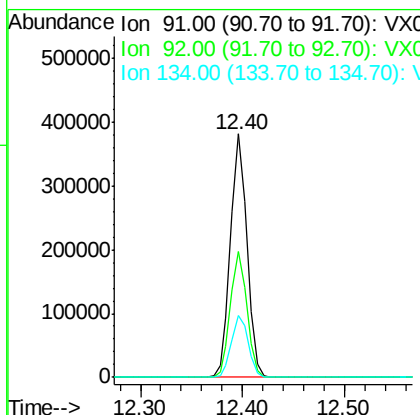
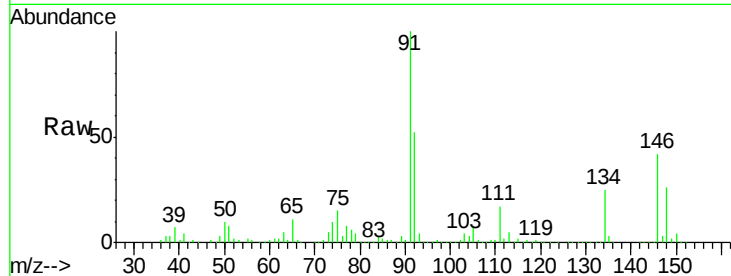
#89
n-Butylbenzene
Concen: 54.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Instrument :
MSVOA_X
ClientSampled :
ICVX032018

Tot Ion: 91 Resp: 424017
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 26.1 13.1 39.3

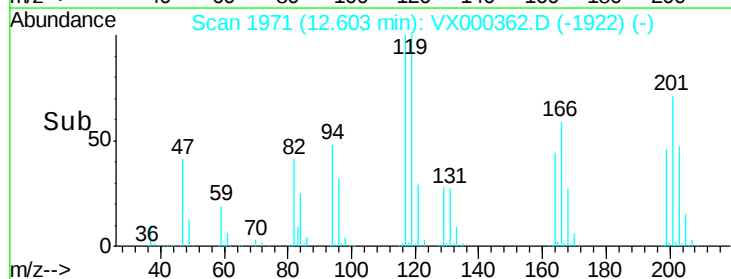
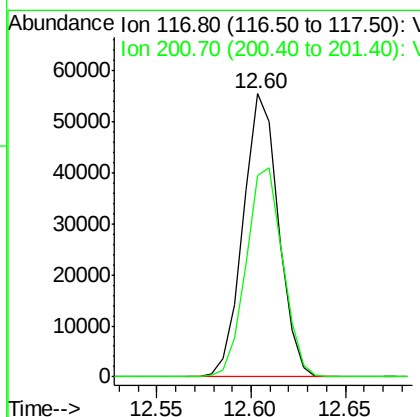
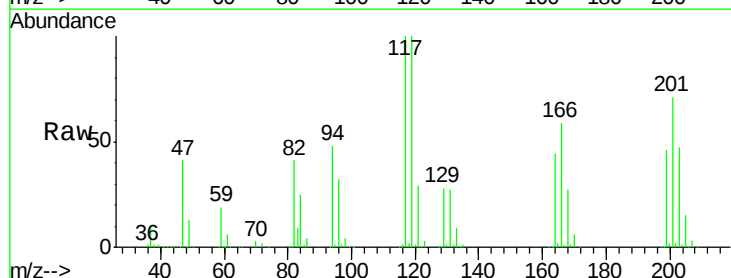
Manual Integrations
APPROVED

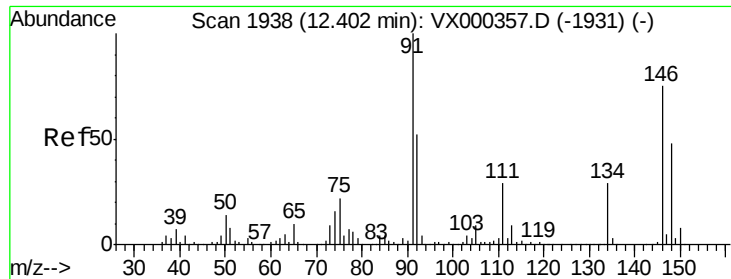
sam
3/21/2018 11:44:18 AM



#90
Hexachloroethane
Concen: 54.55 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000362.D
Acq: 20 Mar 2018 14:22

Tgt Ion: 117 Resp: 72145
Ion Ratio Lower Upper
117 100
201 76.4 37.9 113.6





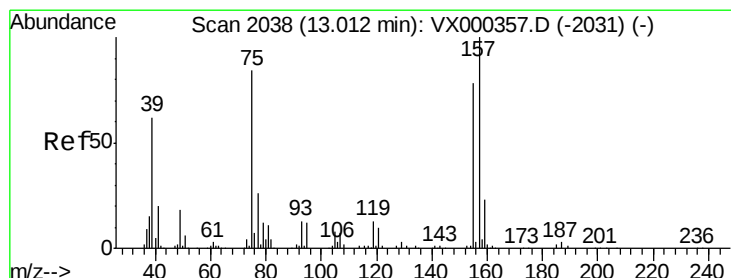
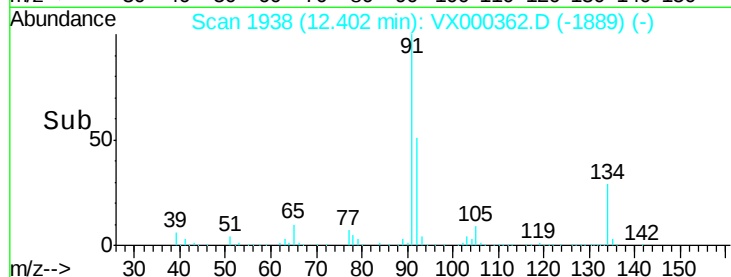
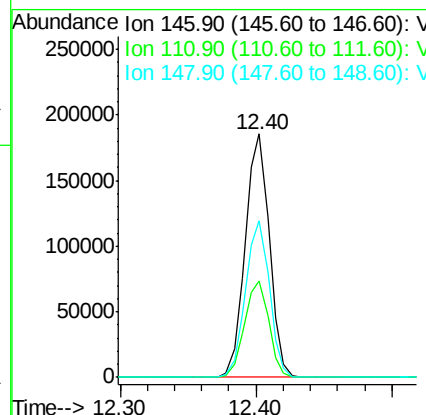
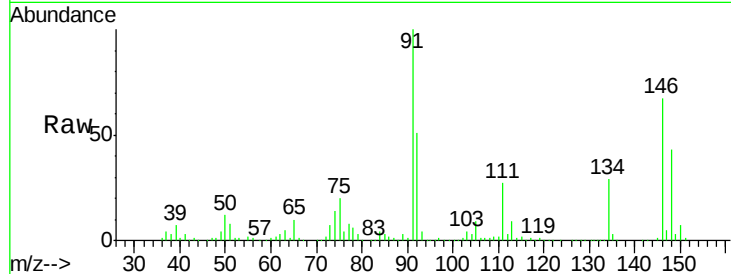
#91
 1,2-Dichlorobenzene
 Concen: 51.52 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX032018

Tot Ion	Ratio	Resp	Lower	Upper
146	100	229403		
111	39.9	20.1	60.2	
148	64.0	31.2	93.6	

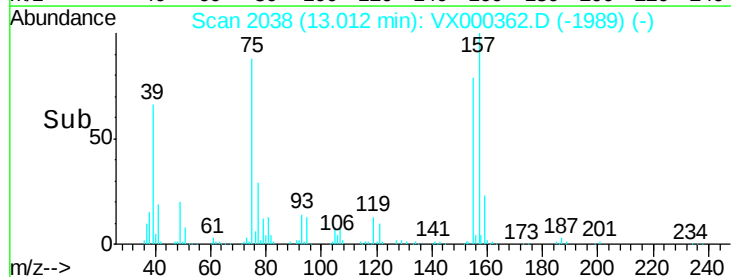
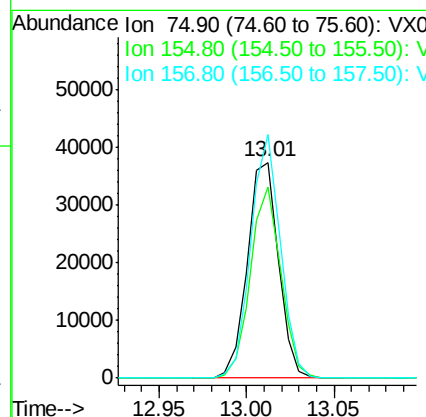
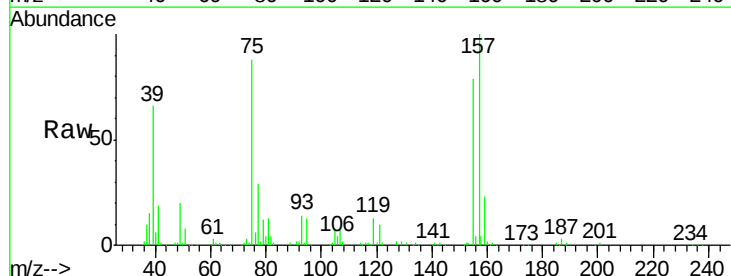
Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.11 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46350		
155	86.8	45.0	134.8	
157	107.6	58.1	174.2	





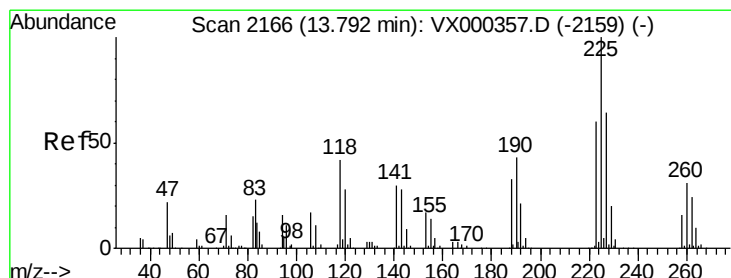
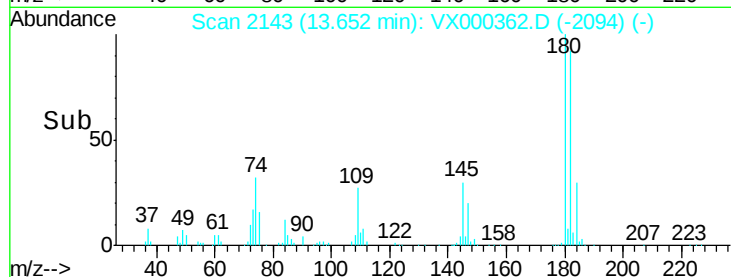
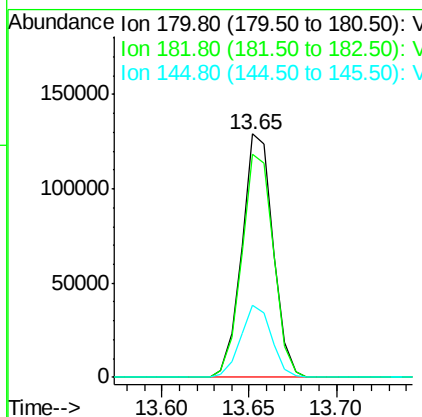
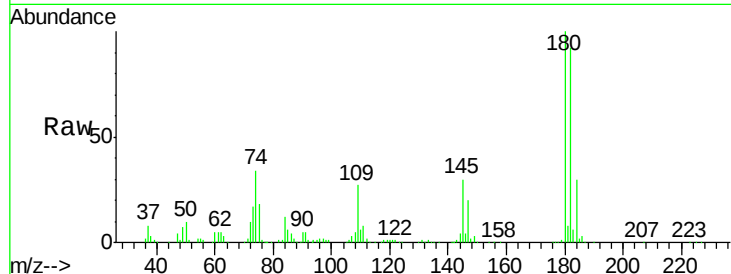
#93
 1,2,4-Trichlorobenzene
 Concen: 49.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032018

Tot Ion	Ratio	Resp	Lower	Upper
180	100	159318		
182	93.5	47.6	142.9	
145	29.3	15.1	45.3	

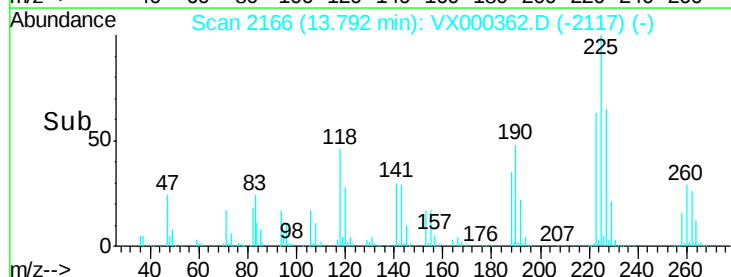
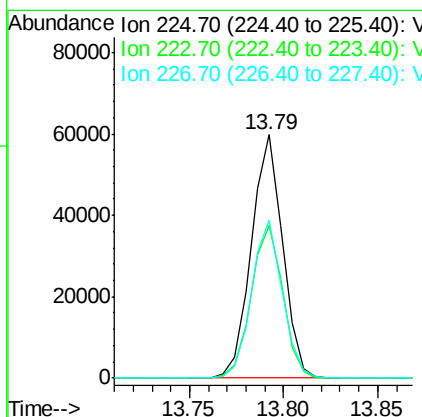
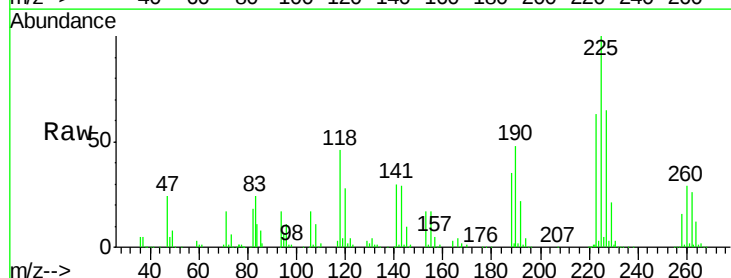
Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:18 AM



#94
 Hexachlorobutadiene
 Concen: 51.95 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000362.D
 Acq: 20 Mar 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68666		
223	63.5	32.0	96.0	
227	63.7	32.6	98.0	





#95

Naphthalene

Concen: 51.23 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Instrument :

MSVOA_X

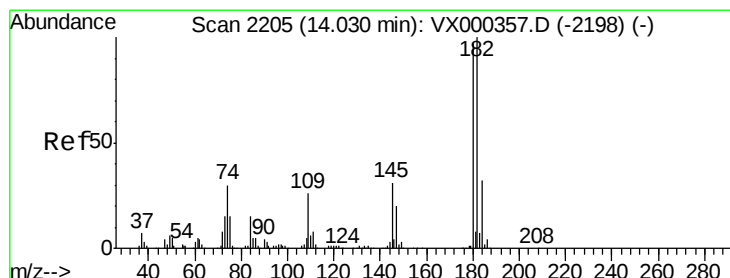
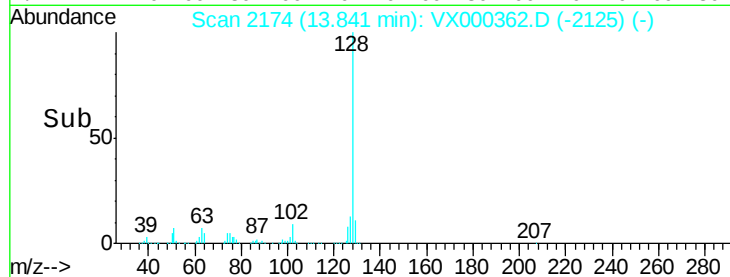
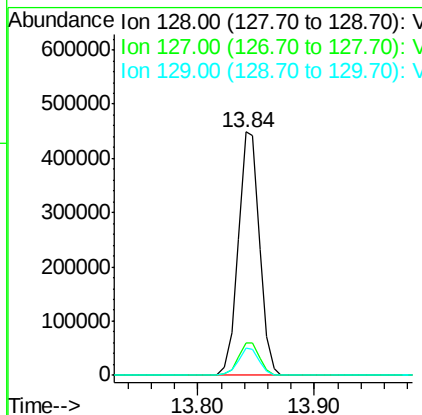
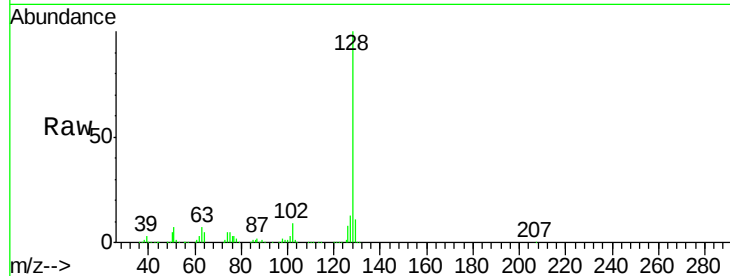
ClientSampleId :

ICVVX032018

Tot Ion:	128	Resp:	569597
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations
APPROVED

sam
3/21/2018 11:44:18 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.36 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000362.D

Acq: 20 Mar 2018 14:22

Tgt Ion:	180	Resp:	155674
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.4	142.3
145	32.1	15.8	47.3

