

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120718\
 Data File : VX006339.D
 Acq On : 07 Dec 2018 11:38
 Operator : JC/MD
 Sample : VX1207MBS01
 Misc : 5.00µL/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:32 AM

Quant Time: Dec 08 00:48:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	674630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1012424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	894395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	464353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	336233	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.51	113	317541	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.71	98	1147720	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	431654	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	135403	20.498	ug/l	100
3) Chloromethane	1.33	50	127994	18.856	ug/l	100
4) Vinyl Chloride	1.41	62	140255	19.198	ug/l	99
5) Bromomethane	1.64	94	113640	22.445	ug/l	98
6) Chloroethane	1.73	64	89835	20.055	ug/l	99
7) Trichlorofluoromethane	1.93	101	216509	19.306	ug/l	98
8) Diethyl Ether	2.19	74	83427	19.656	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124543	19.531	ug/l	98
10) Methyl Iodide	2.51	142	162604	16.920	ug/l	99
11) Tert butyl alcohol	3.07	59	175190	93.018	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116704	19.118	ug/l	93
13) Acrolein	2.29	56	95548	92.819	ug/l	100
14) Allyl chloride	2.73	41	214898	17.821	ug/l	98
15) Acrylonitrile	3.15	53	372442	94.764	ug/l	99
16) Acetone	2.45	43	300233	92.895	ug/l	96
17) Carbon Disulfide	2.57	76	317850	16.897	ug/l	99
18) Methyl Acetate	2.78	43	210819	19.505	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	420353	19.303	ug/l	99
20) Methylene Chloride	2.86	84	133143	19.357	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	124036	19.067	ug/l	92
22) Diisopropyl ether	3.87	45	382790	20.323	ug/l	98
23) Vinyl Acetate	3.82	43	1554016	96.734	ug/l	99
24) 1,1-Dichloroethane	3.70	63	213379	19.820	ug/l	99
25) 2-Butanone	4.70	43	449808	97.539	ug/l	99
26) 2,2-Dichloropropane	4.58	77	196877	19.815	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	149666	20.626	ug/l	96
28) Bromochloromethane	5.03	49	93690	19.924	ug/l	96
29) Tetrahydrofuran	5.15	42	302930	94.517	ug/l	98
30) Chloroform	5.21	83	231528	20.465	ug/l	99
31) Cyclohexane	5.57	56	188003	18.896	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	211911	19.686	ug/l	99
36) 1,1-Dichloropropene	5.80	75	162233	19.029	ug/l	99
37) Ethyl Acetate	4.85	43	178664	18.713	ug/l	99
38) Carbon Tetrachloride	5.78	117	190929	19.036	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006339.D
 Acq On : 07 Dec 2018 11:38
 Operator : JC/MD
 Sample : VX1207MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:32 AM

Quant Time: Dec 08 00:48:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212962	19.244	ug/l	99
40) Benzene	6.14	78	506795	19.847	ug/l	98
41) Methacrylonitrile	5.06	41	98067	18.667	ug/l	98
42) 1,2-Dichloroethane	6.20	62	170350	20.384	ug/l	99
43) Isopropyl Acetate	6.46	43	291577	18.317	ug/l	99
44) Trichloroethene	7.21	130	149867	19.373	ug/l	95
45) 1,2-Dichloropropane	7.52	63	126404	19.477	ug/l	99
46) Dibromomethane	7.66	93	91540	19.530	ug/l	98
47) Bromodichloromethane	7.90	83	175695	19.357	ug/l	99
48) Methyl methacrylate	7.77	41	142966	18.461	ug/l	98
49) 1,4-Dioxane	7.75	88	74995	392.916	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	882565	95.238	ug/l	98
52) Toluene	8.79	92	330999	19.703	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	187351	17.649	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203253	18.440	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	137688	20.174	ug/l	98
56) Ethyl methacrylate	9.18	69	204769	19.192	ug/l	97
57) 1,3-Dichloropropane	9.37	76	213676	19.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	520667	96.166	ug/l	99
59) 2-Hexanone	9.49	43	681244	96.221	ug/l	99
60) Dibromochloromethane	9.59	129	154822	18.397	ug/l	99
61) 1,2-Dibromoethane	9.67	107	148929	19.516	ug/l	99
64) Tetrachloroethene	9.34	164	137762	20.453	ug/l	97
65) Chlorobenzene	10.14	112	385157	20.286	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	143148	19.405	ug/l	100
67) Ethyl Benzene	10.25	91	634330	20.088	ug/l	100
68) m/p-Xylenes	10.36	106	505103	39.932	ug/l	100
69) o-Xylene	10.70	106	249427	19.963	ug/l	98
70) Styrene	10.71	104	404722	20.028	ug/l	98
71) Bromoform	10.86	173	119638	17.181	ug/l	100
73) Isopropylbenzene	11.02	105	663229	20.682	ug/l	99
74) N-amyl acetate	10.90	43	255664	18.514	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	209430	20.414	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	194531m	21.704	ug/l	
77) Bromobenzene	11.26	156	179703	20.193	ug/l	97
78) n-propylbenzene	11.36	91	724861	20.335	ug/l	100
79) 2-Chlorotoluene	11.42	91	438530	20.698	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	548270	20.549	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65131	17.053	ug/l	91
82) 4-Chlorotoluene	11.51	91	500116	20.303	ug/l	100
83) tert-Butylbenzene	11.77	119	588180	20.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	563281	20.445	ug/l	100
85) sec-Butylbenzene	11.94	105	670411	20.701	ug/l	100
86) p-Isopropyltoluene	12.06	119	596983	20.471	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	324488	20.492	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	321110	19.979	ug/l	98
89) n-Butylbenzene	12.39	91	493910	19.849	ug/l	99
90) Hexachloroethane	12.60	117	109109	18.357	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	325561	20.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47253	17.968	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
Data File : VX006339.D
Acq On : 07 Dec 2018 11:38
Operator : JC/MD
Sample : VX1207MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM

Quant Time: Dec 08 00:48:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	227340	19.828	ug/l	99
94) Hexachlorobutadiene	13.78	225	104381	20.586	ug/l	99
95) Naphthalene	13.83	128	722755	20.265	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	223521	19.682	ug/l	99

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

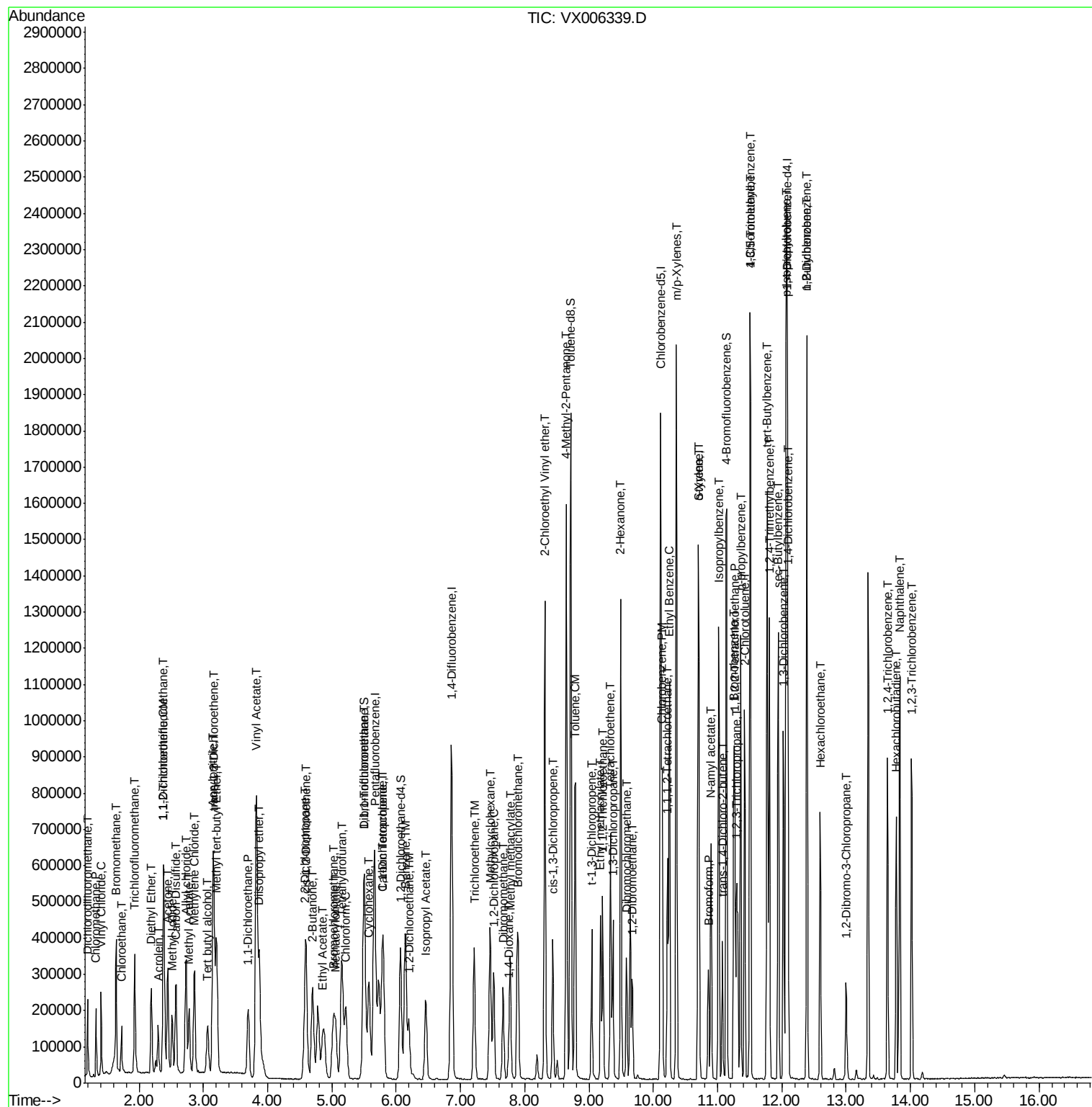
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\
Data File : VX006339.D
Acq On : 07 Dec 2018 11:38
Operator : JC/MD
Sample : VX1207MBS01
Misc : 5.00µL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

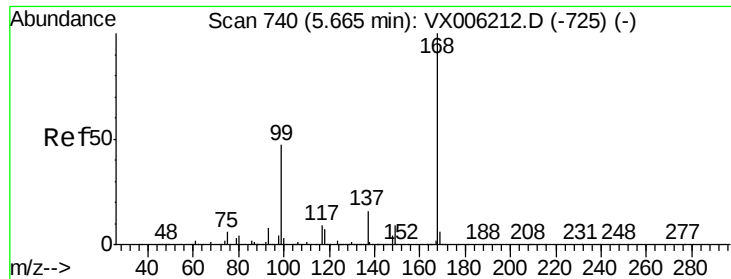
Instrument :
MSVOA_X
Client Sample ID :
VX1207MBS01

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM

Quant Time: Dec 08 00:48:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

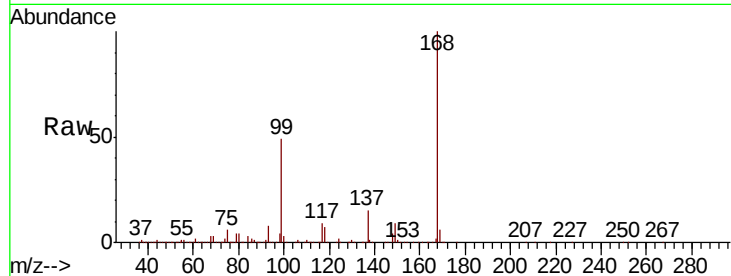
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

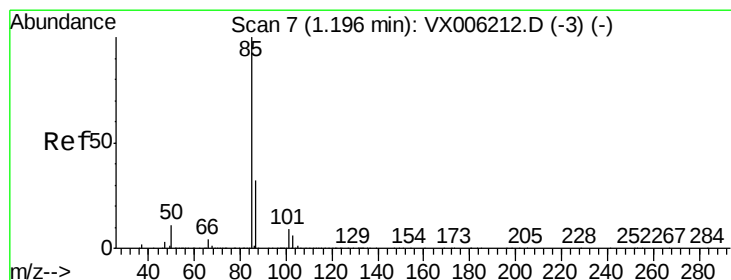
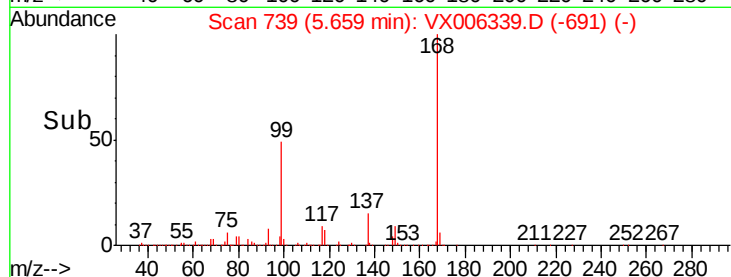
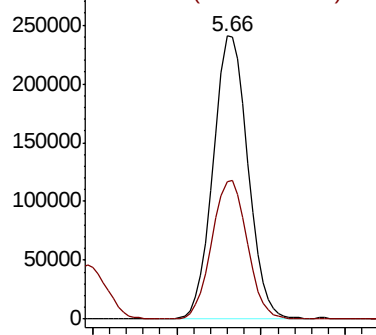
Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	37.8	56.8

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:32 AM



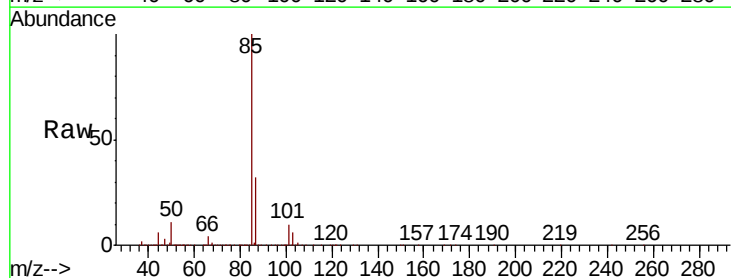
Abundance Ion 167.90 (167.60 to 168.60): VX006339.D (-691) (-)



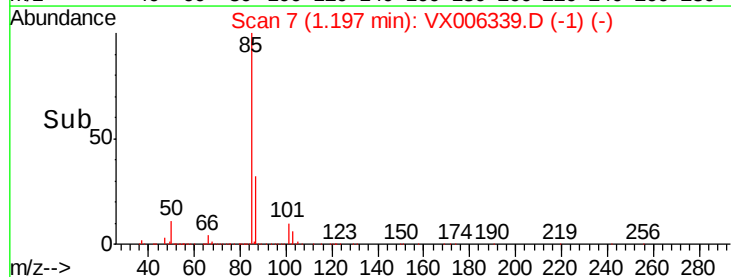
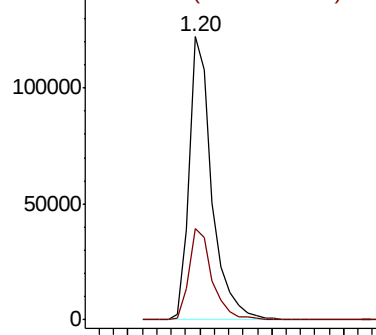
#2

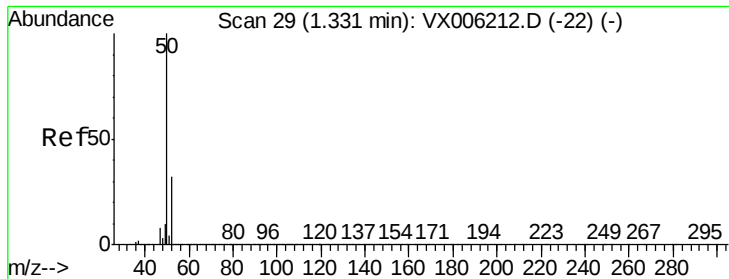
Dichlorodifluoromethane
 Concen: 20.498 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.1	48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006339.D (-1) (-)





#3

Chloromethane

Concen: 18.856 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 50 Resp: 127994

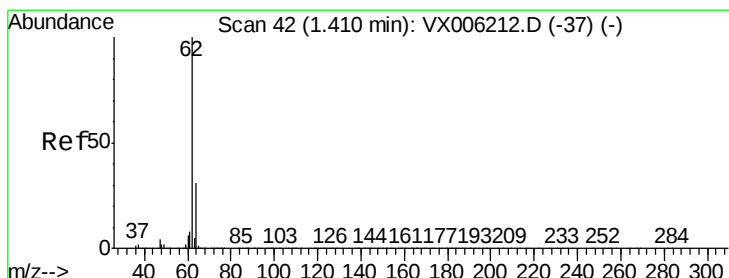
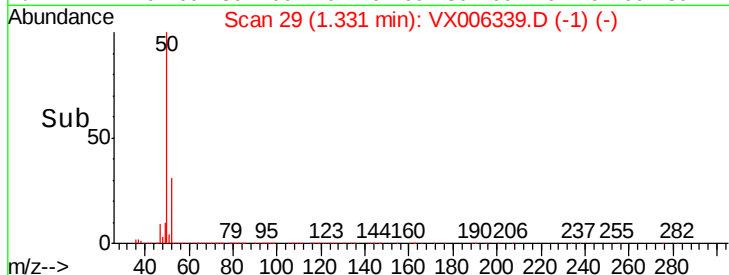
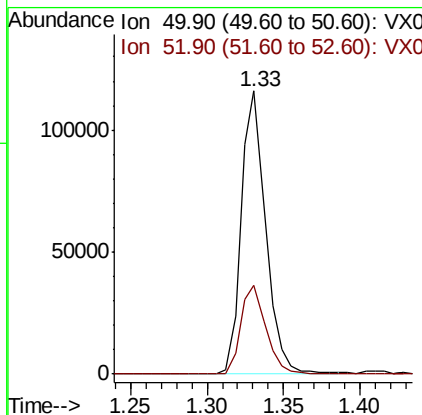
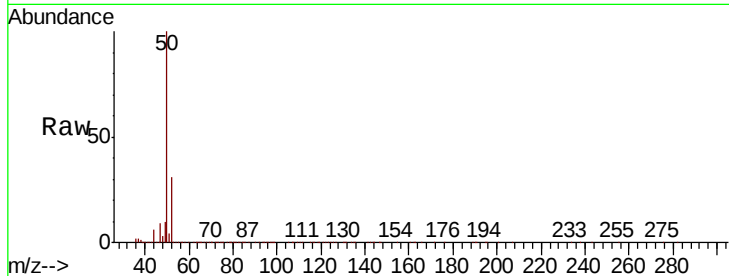
Ion Ratio Lower Upper

50 100

52 31.3 25.2 37.8

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#4

Vinyl Chloride

Concen: 19.198 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006339.D

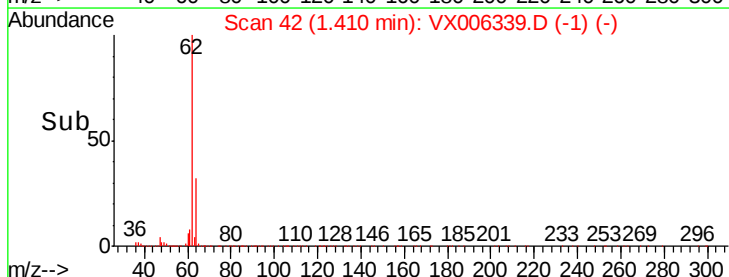
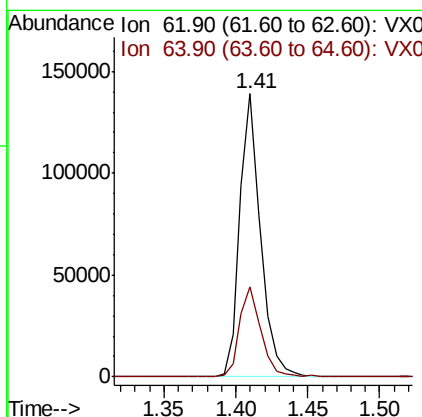
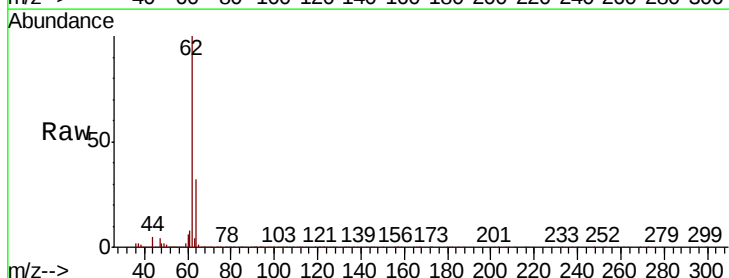
Acq: 07 Dec 2018 11:38

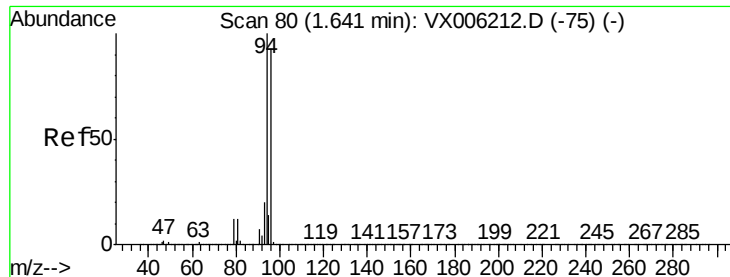
Tgt Ion: 62 Resp: 140255

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 22.445 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 94 Resp: 113640

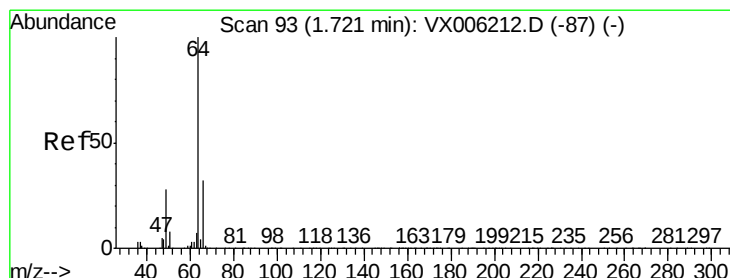
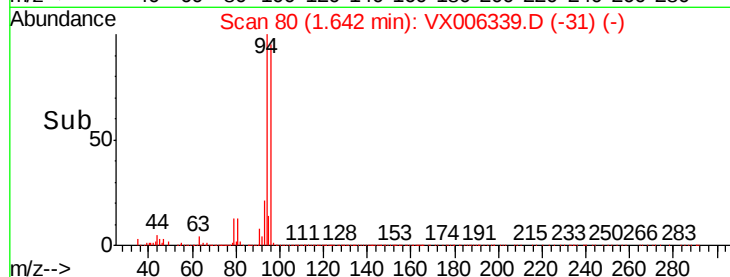
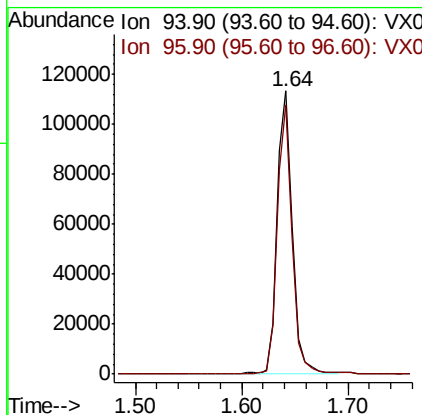
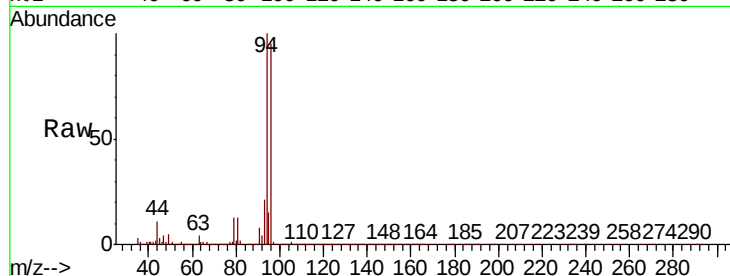
Ion Ratio Lower Upper

94 100

96 94.9 74.5 111.7

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#6

Chloroethane

Concen: 20.055 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006339.D

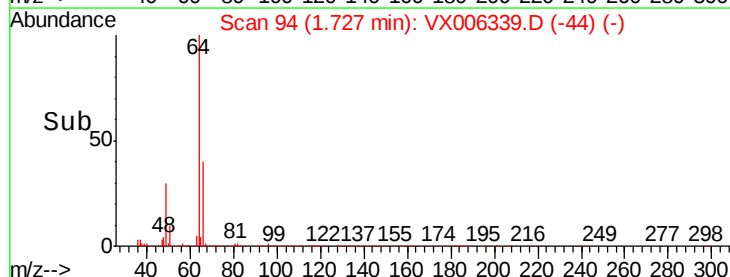
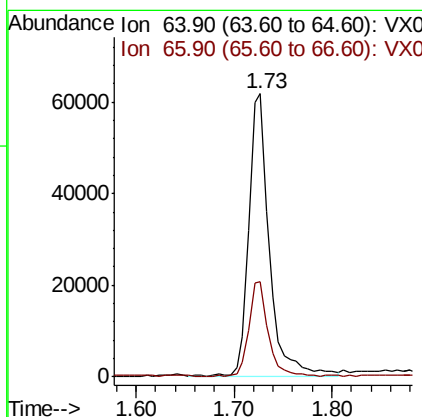
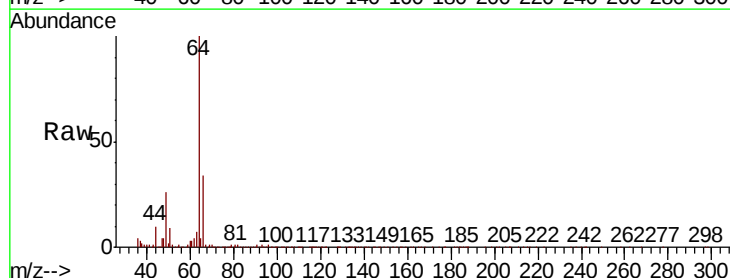
Acq: 07 Dec 2018 11:38

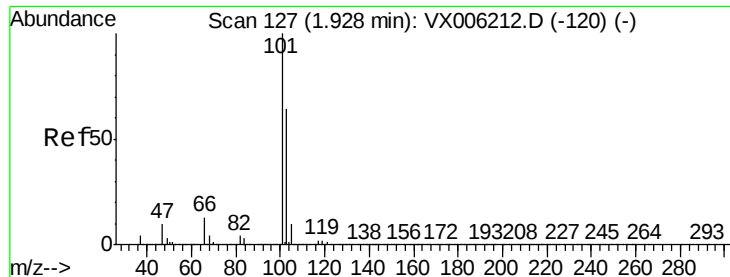
Tgt Ion: 64 Resp: 89835

Ion Ratio Lower Upper

64 100

66 33.2 25.9 38.9





#7

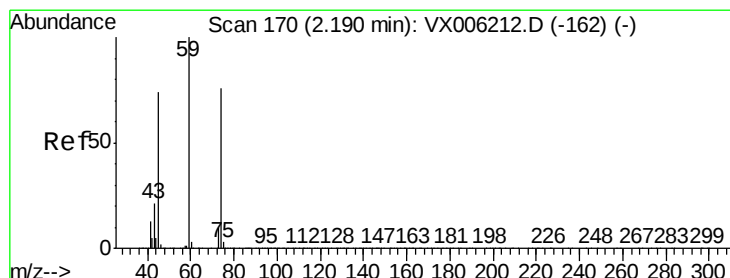
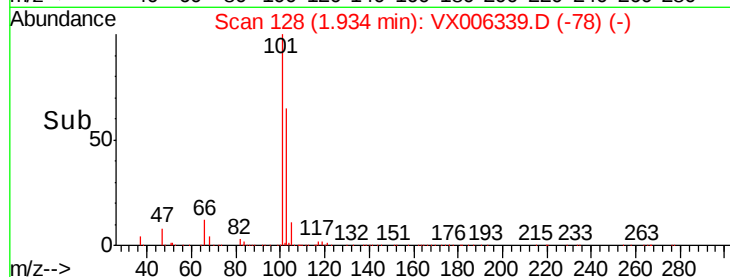
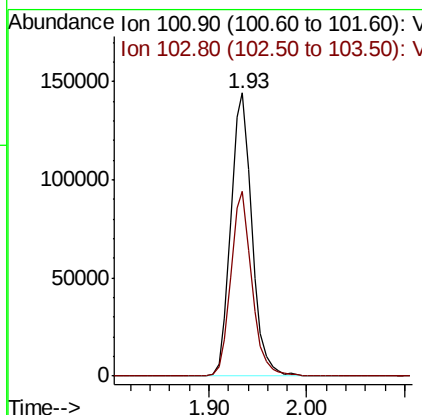
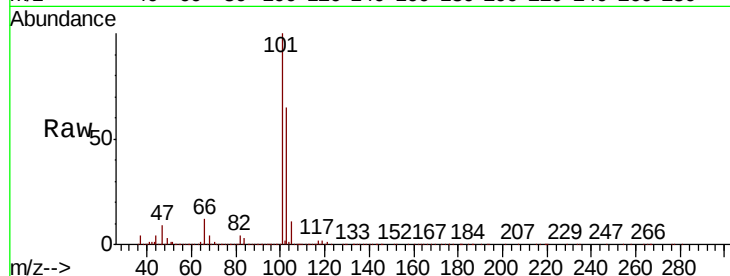
Trichlorofluoromethane
Concen: 19.306 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.4

Manual Integrations
APPROVED

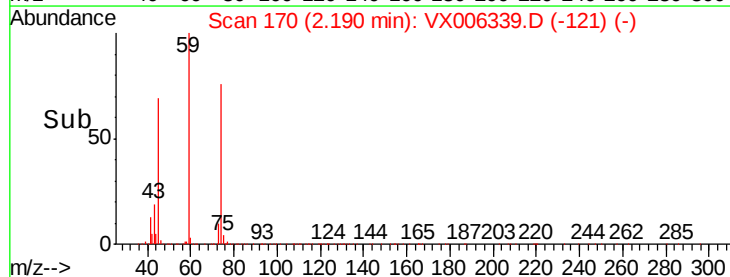
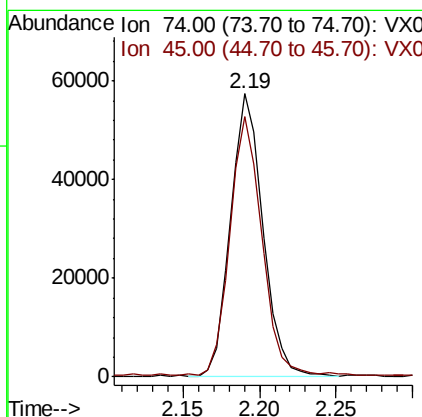
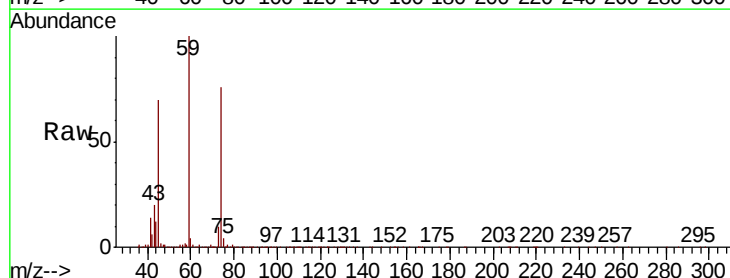
MMDadoda
12/10/2018 9:57:32 AM

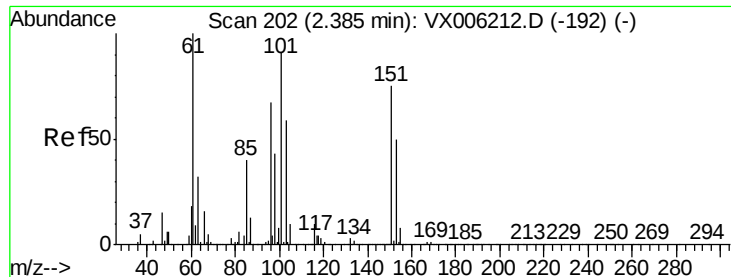


#8

Diethyl Ether
Concen: 19.656 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.531 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

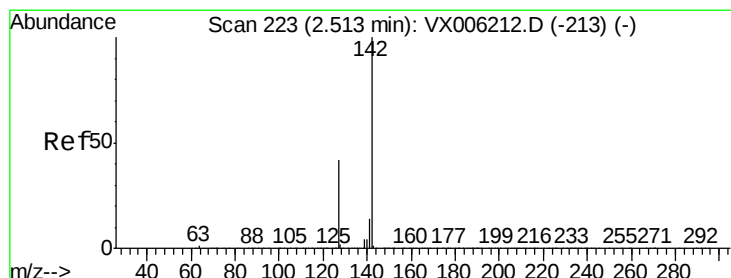
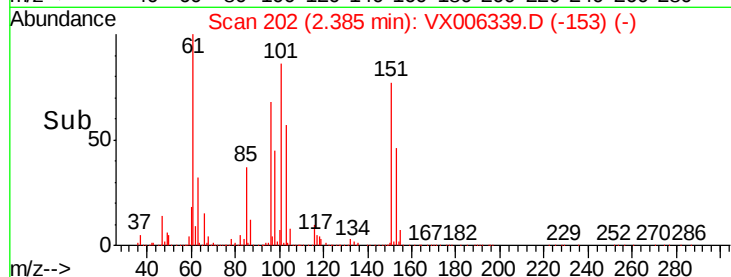
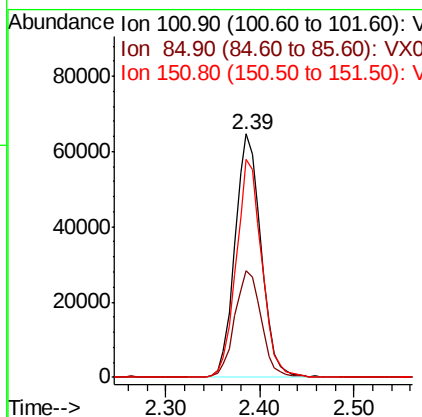
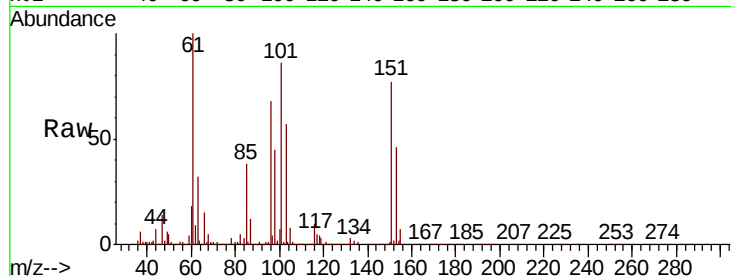
ClientSampleId :

VX1207MBS01

Tot Ion:	101	Resp:	124543
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.5	53.3
151	87.7	68.6	103.0

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#10

Methyl Iodide

Concen: 16.920 ug/l

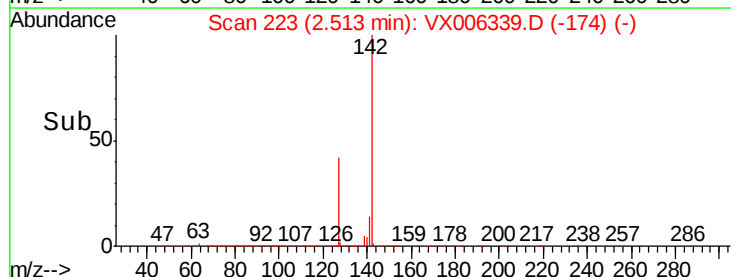
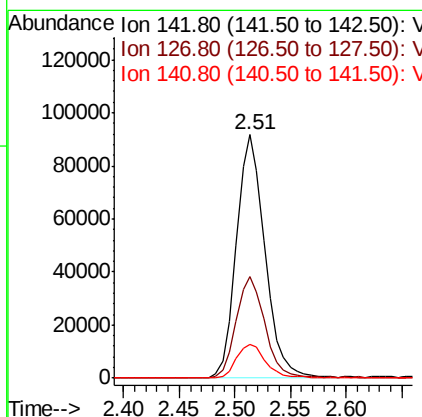
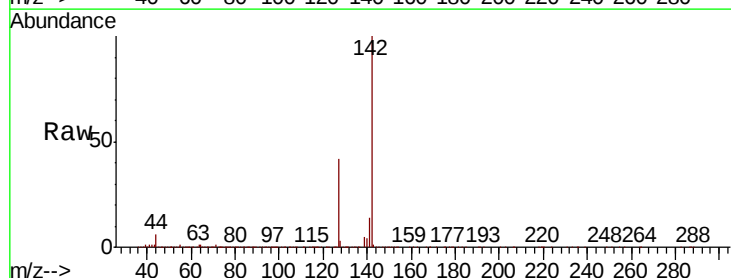
RT: 2.51 min Scan# 223

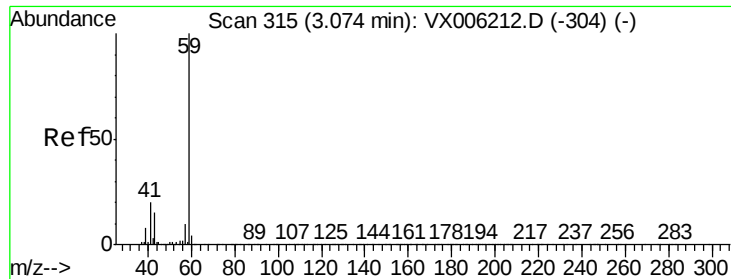
Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:	142	Resp:	162604
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.8	52.2
141	14.3	11.4	17.2





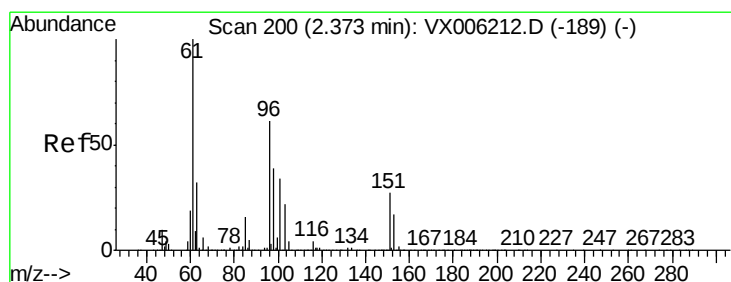
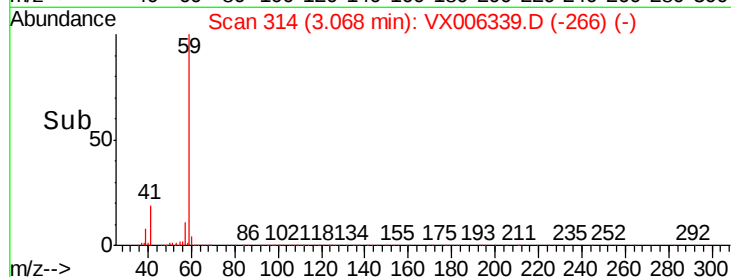
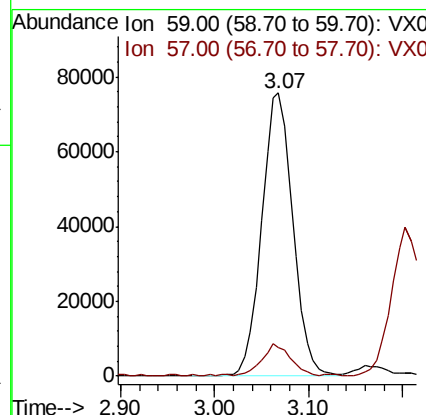
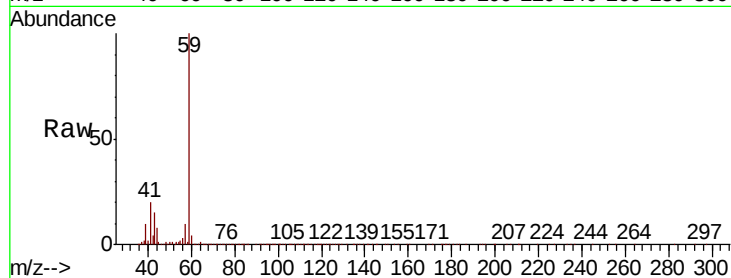
#11
Tert butyl alcohol
Concen: 93.018 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

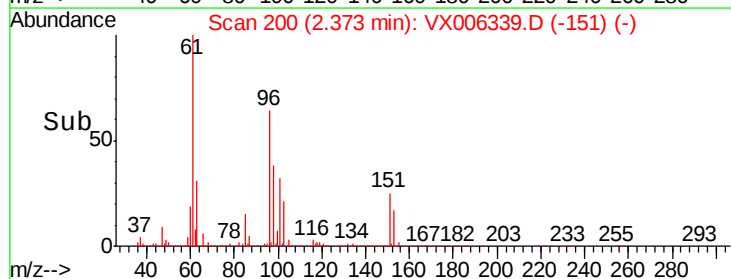
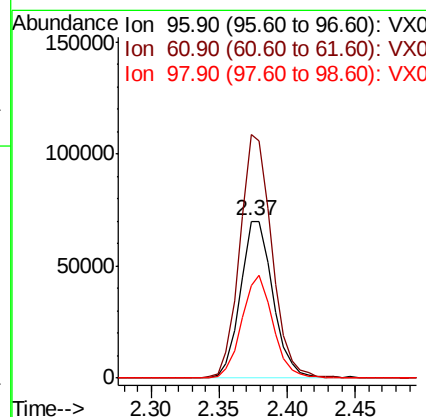
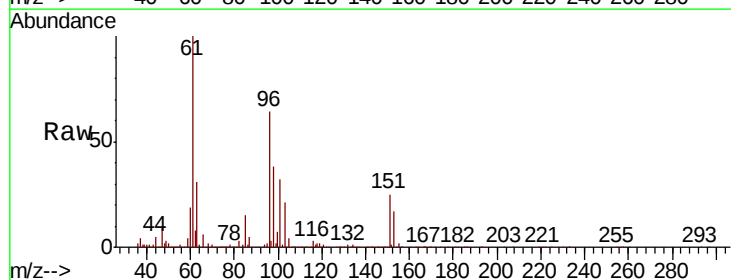
Manual Integrations
APPROVED

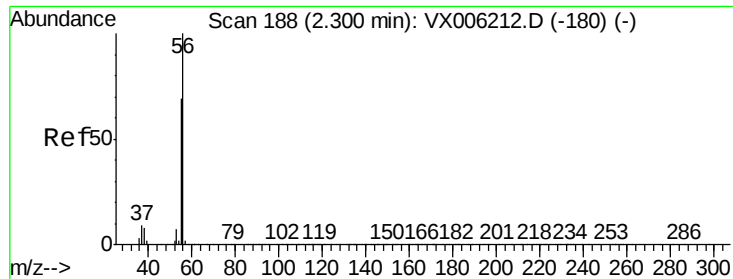
MMDadoda
12/10/2018 9:57:32 AM



#12
1,1-Dichloroethene
Concen: 19.118 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.4	131.7	197.5
98	59.2	51.8	77.6





#13

Acrolein

Concen: 92.819 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 56 Resp: 95548

Ion Ratio Lower Upper

56 100

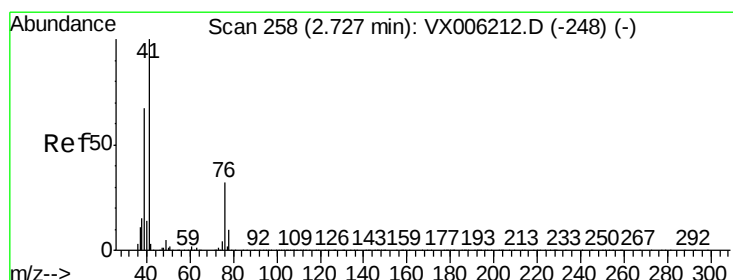
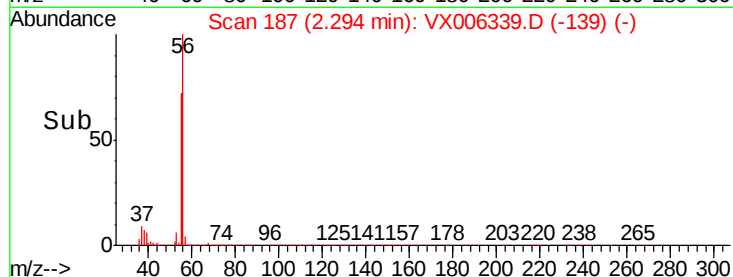
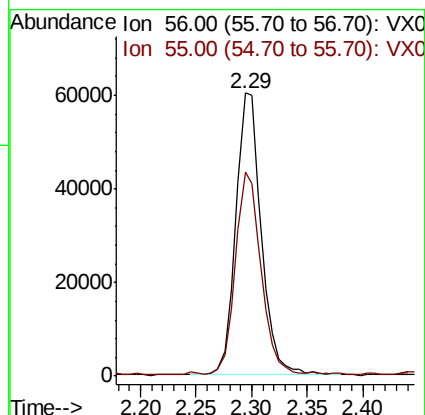
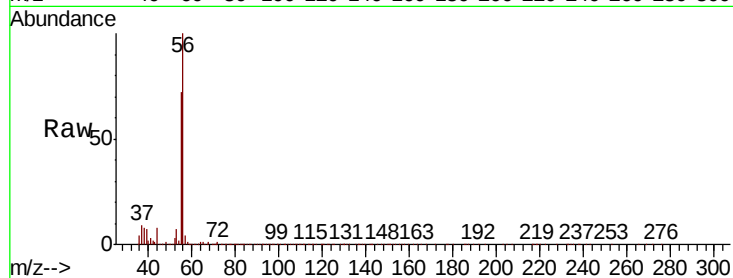
55 72.2 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

12/10/2018 9:57:32 AM



#14

Allyl chloride

Concen: 17.821 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

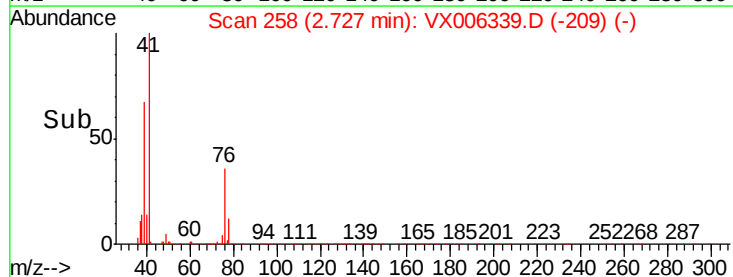
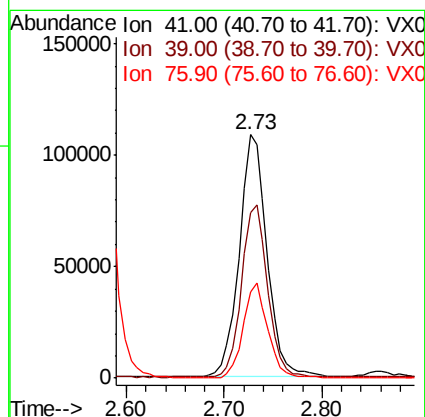
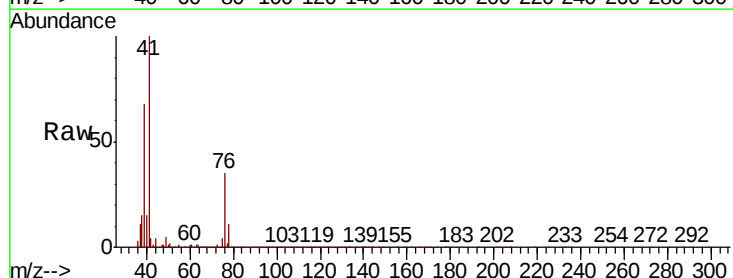
Tgt Ion: 41 Resp: 214898

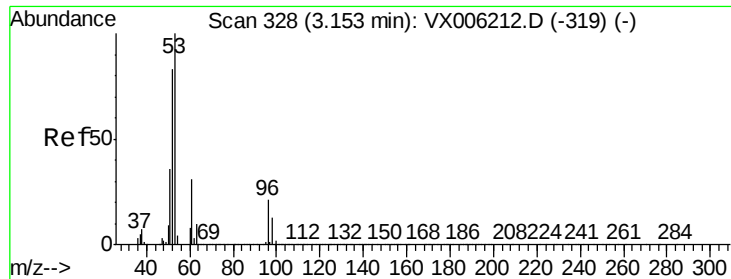
Ion Ratio Lower Upper

41 100

39 66.0 52.4 78.6

76 34.1 25.4 38.0





#15

Acrylonitrile

Concen: 94.764 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

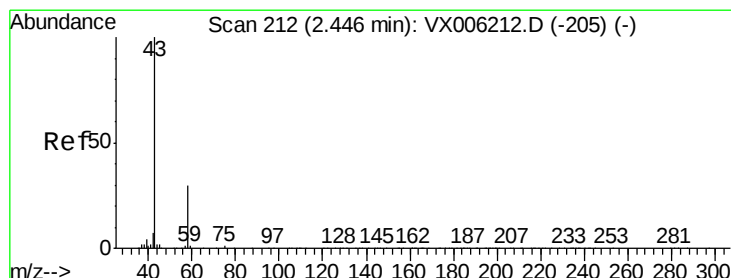
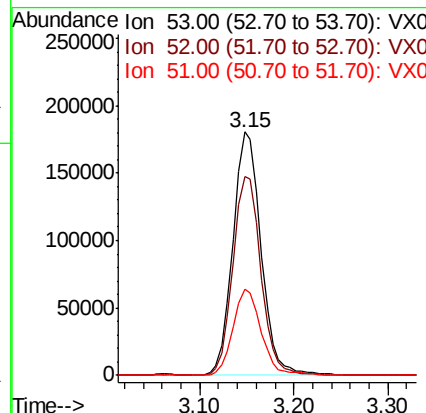
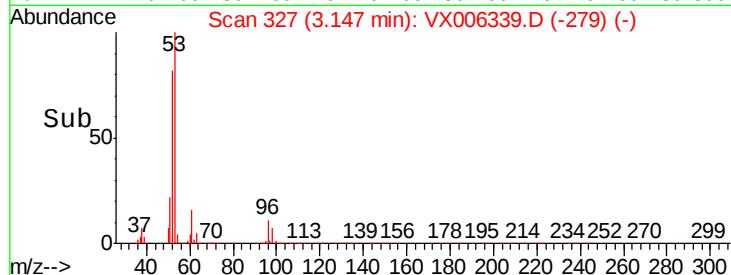
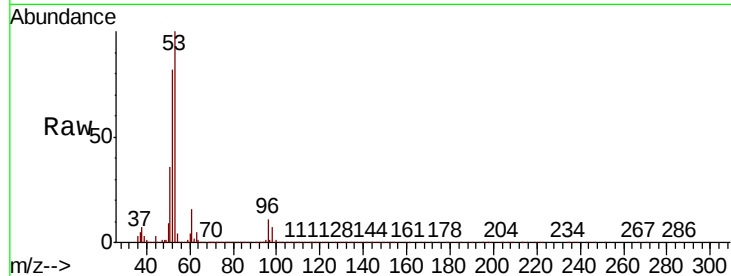
ClientSampleId :

VX1207MBS01

Tot Ion:	53	Resp:	372442
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.2	99.4
51	35.7	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#16

Acetone

Concen: 92.895 ug/l

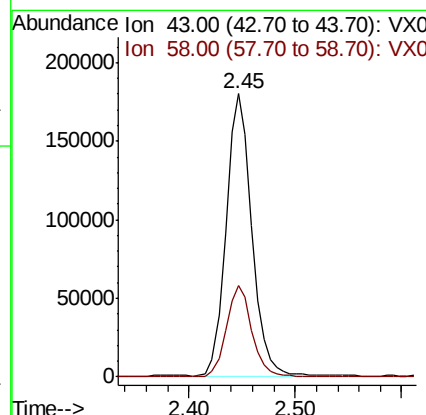
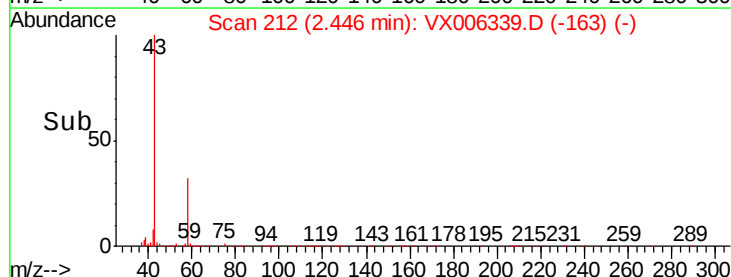
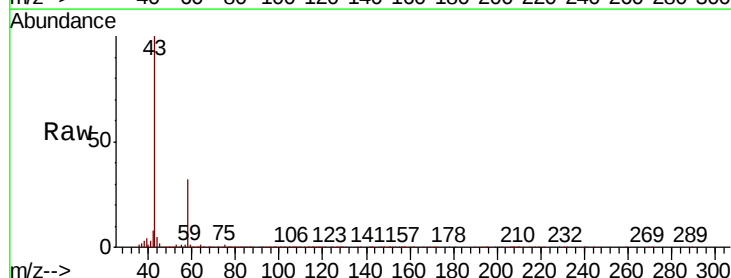
RT: 2.45 min Scan# 212

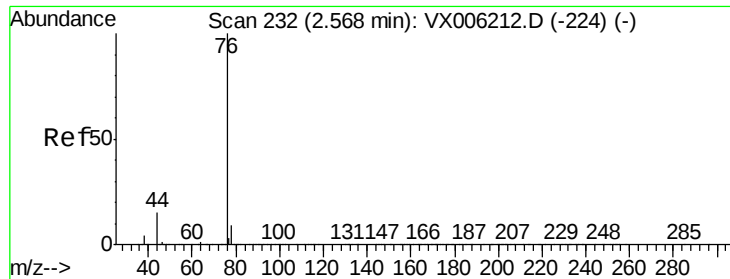
Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:	43	Resp:	300233
Ion Ratio	Lower	Upper	
43	100		
58	32.2	24.0	36.0





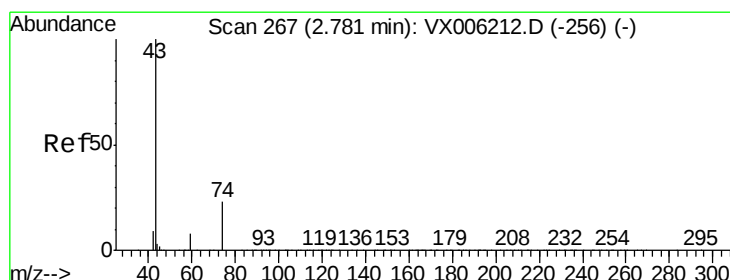
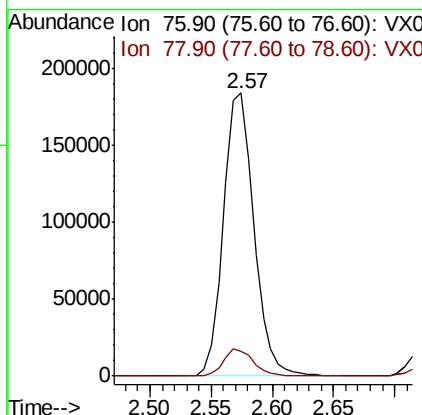
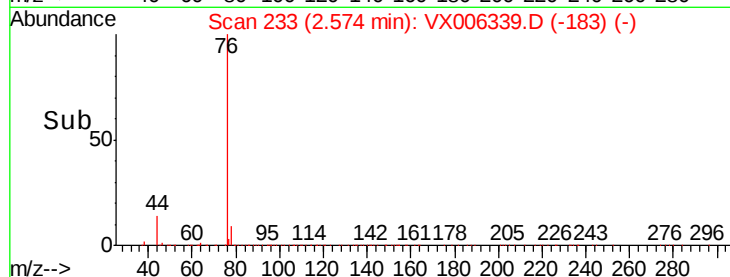
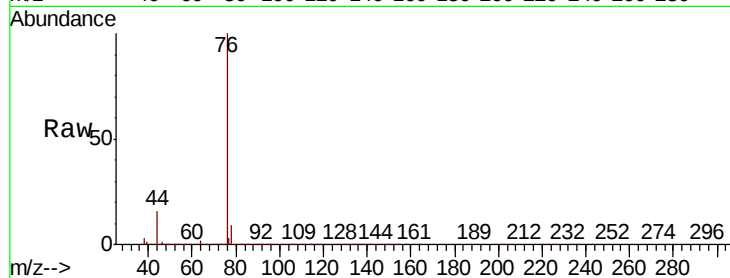
#17
Carbon Disulfide
Concen: 16.897 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

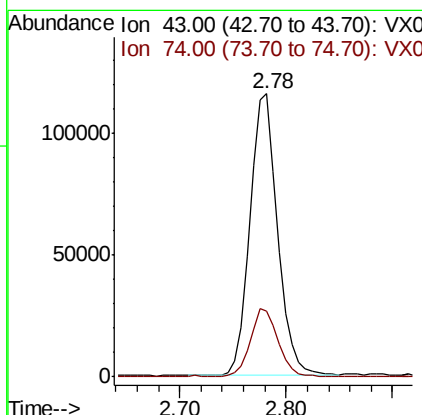
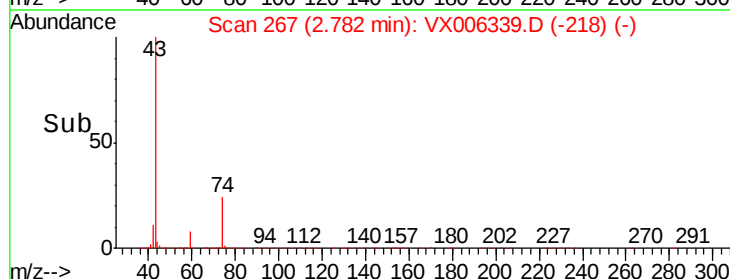
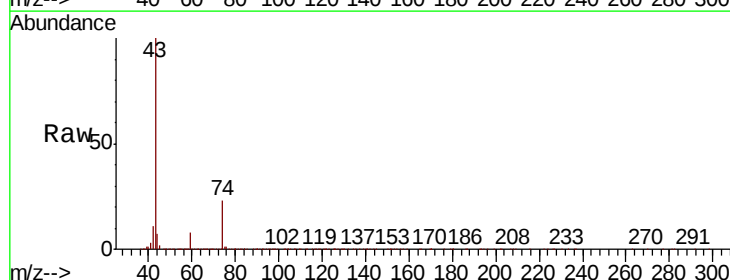
Manual Integrations
APPROVED

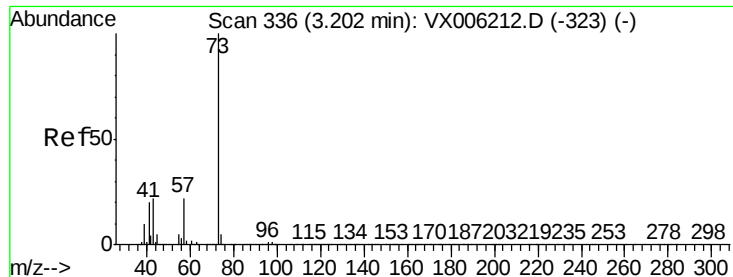
MMDadoda
12/10/2018 9:57:32 AM



#18
Methyl Acetate
Concen: 19.505 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	17.9	26.9





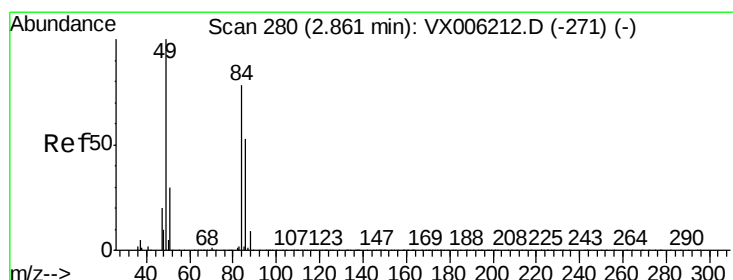
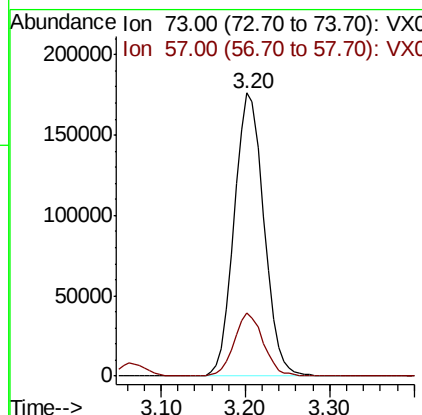
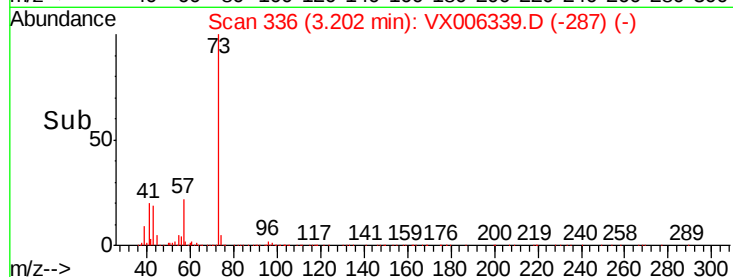
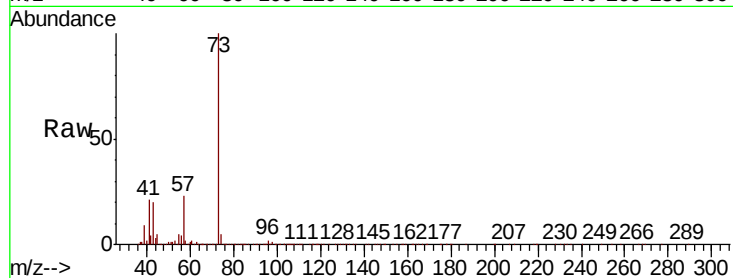
#19
Methvl tert-butvl Ether
Concen: 19.303 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.5	26.3

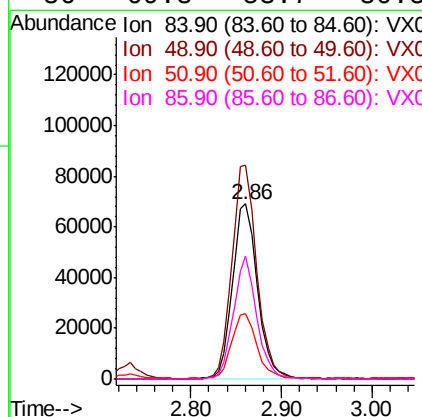
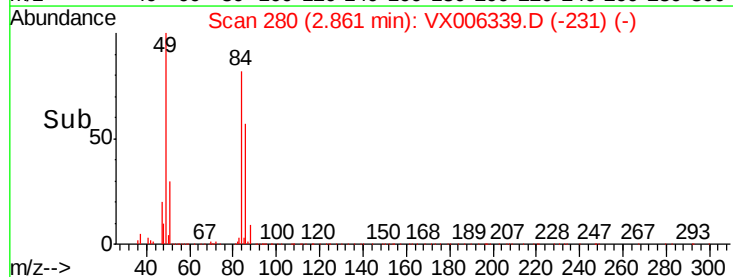
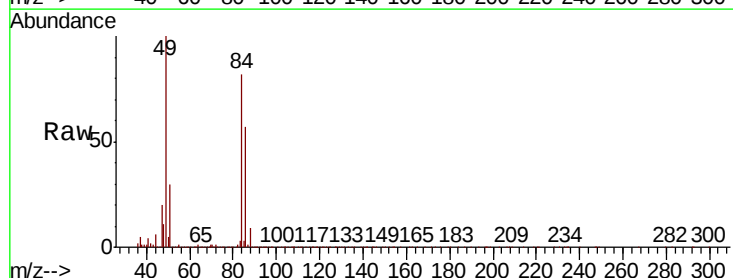
Manual Integrations
APPROVED

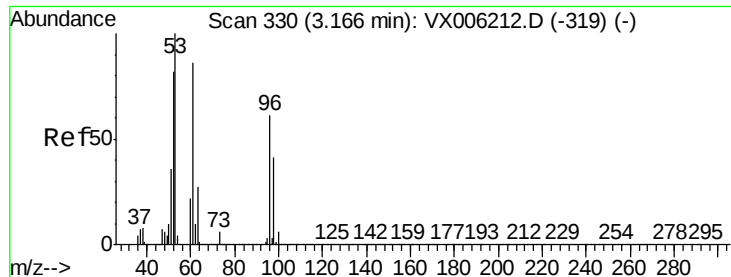
MMDadoda
12/10/2018 9:57:32 AM



#20
Methylene Chloride
Concen: 19.357 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	102.2	153.4
51	36.7	31.1	46.7
86	69.8	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.067 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

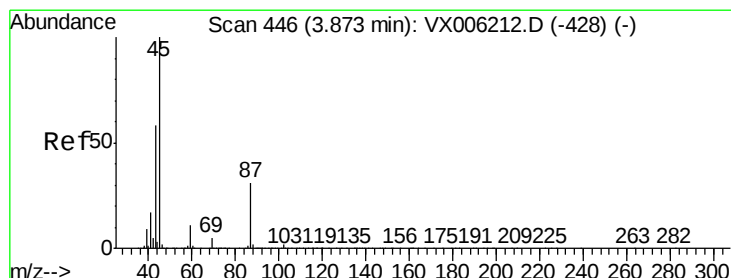
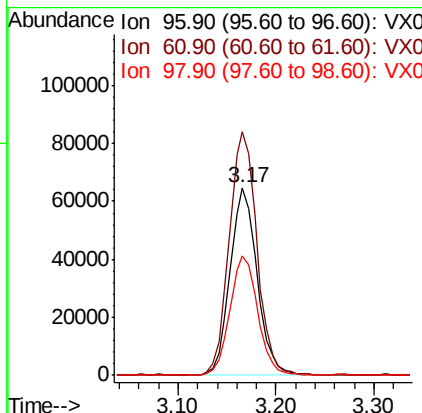
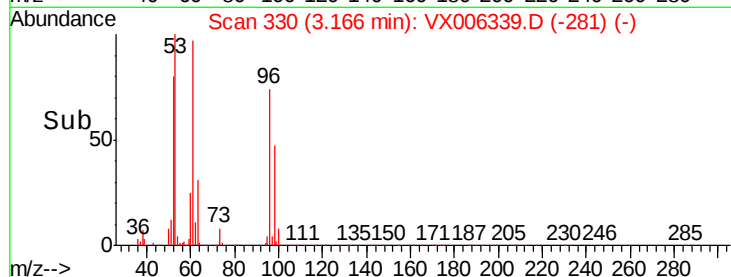
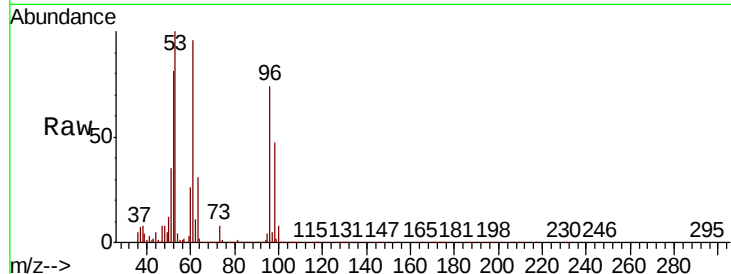
ClientSampleId :

VX1207MBS01

Tot Ion:	96	Resp:	124036
Ion Ratio	Lower	Upper	
96	100		
61	129.9	113.3	169.9
98	63.4	53.2	79.8

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#22

Diisopropyl ether

Concen: 20.323 ug/l

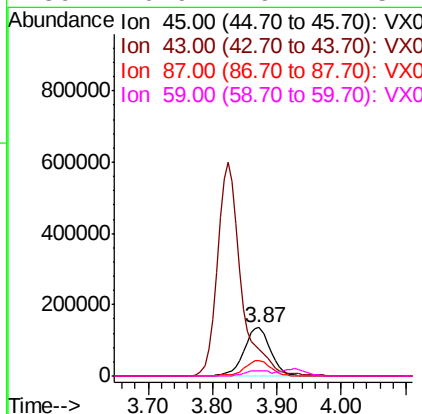
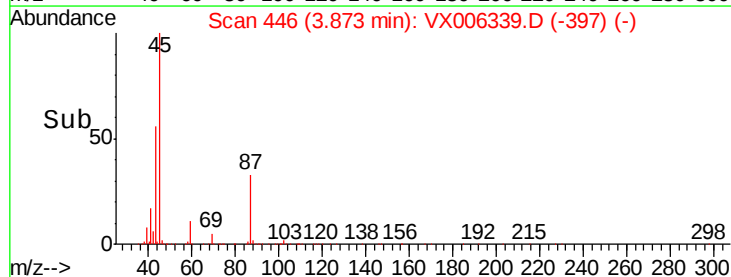
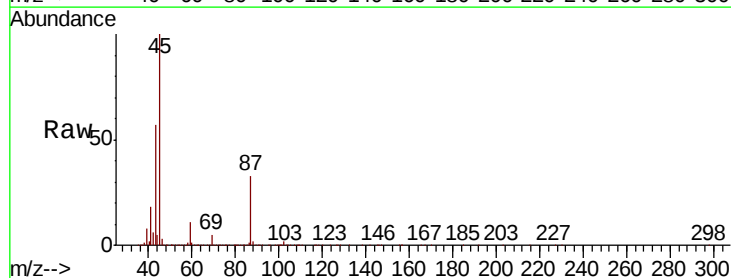
RT: 3.87 min Scan# 446

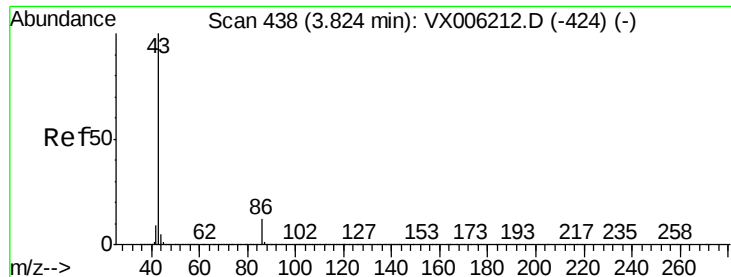
Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:	45	Resp:	382790
Ion Ratio	Lower	Upper	
45	100		
43	56.5	46.2	69.2
87	32.8	24.9	37.3
59	10.9	9.1	13.7





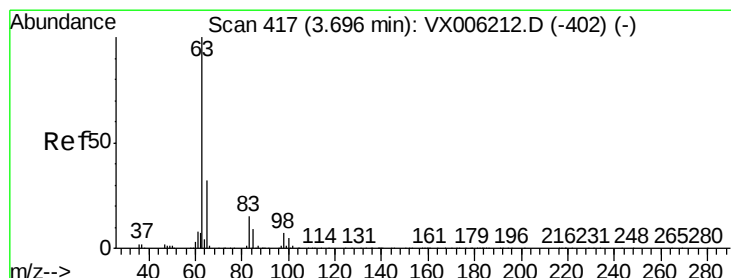
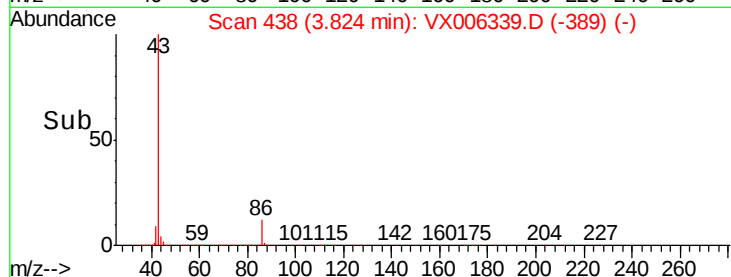
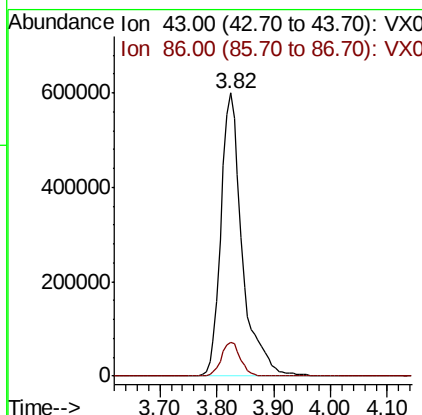
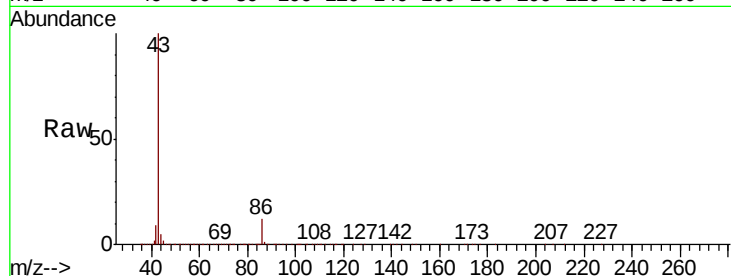
#23
 Vinyl Acetate
 Concen: 96.734 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Tot Ion: 43 Resp: 1554016
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.0

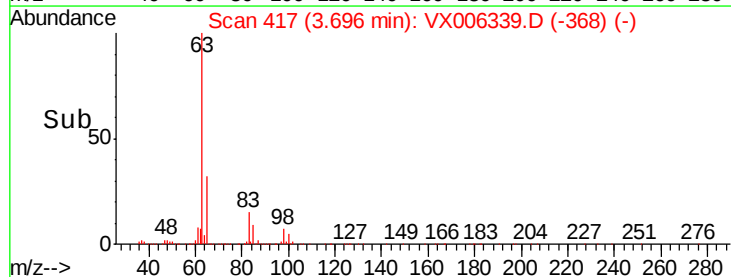
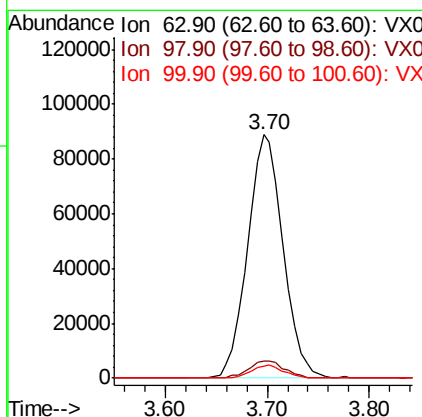
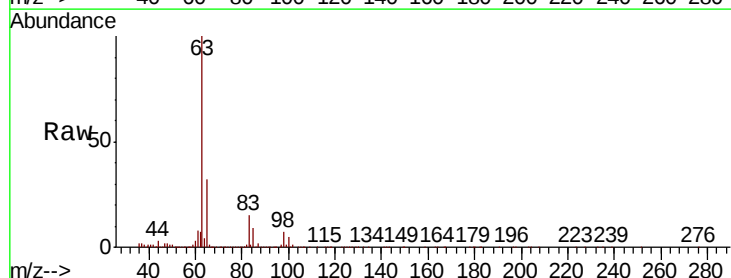
Manual Integrations
 APPROVED

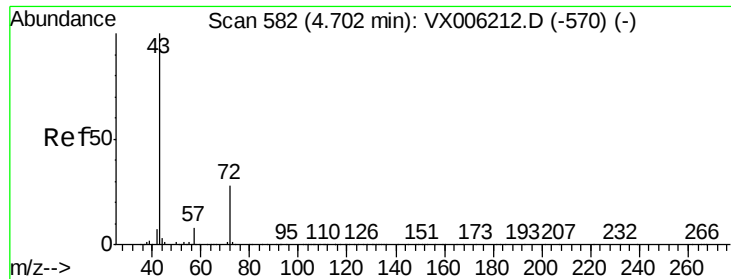
MMDadoda
 12/10/2018 9:57:32 AM



#24
 1,1-Dichloroethane
 Concen: 19.820 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion: 63 Resp: 213379
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.8 2.5 7.4





#25

2-Butanone

Concen: 97.539 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 43 Resp: 449808

Ion Ratio Lower Upper

43 100

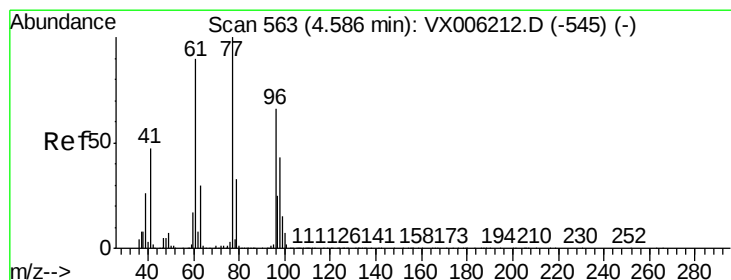
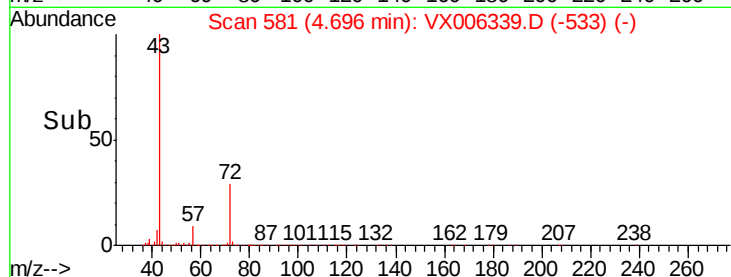
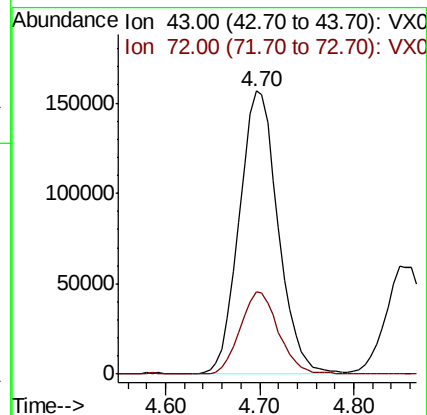
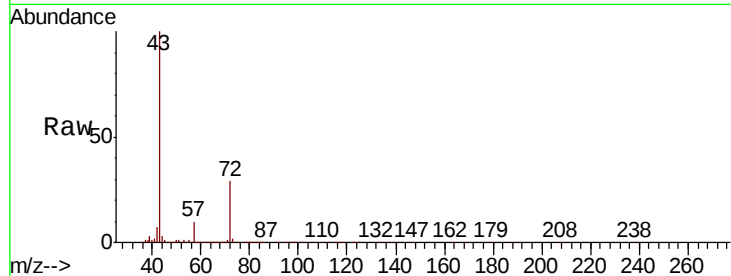
72 28.8 22.6 33.8

Manual Integrations

APPROVED

MMDadoda

12/10/2018 9:57:32 AM



#26

2,2-Dichloropropane

Concen: 19.815 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006339.D

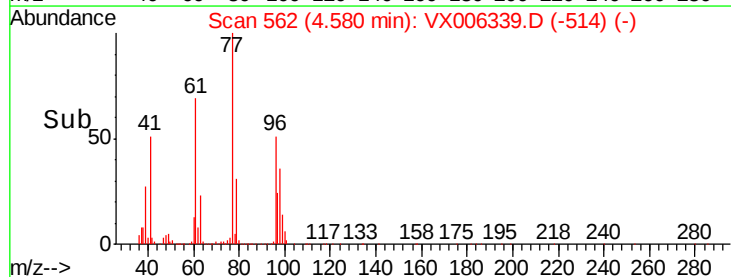
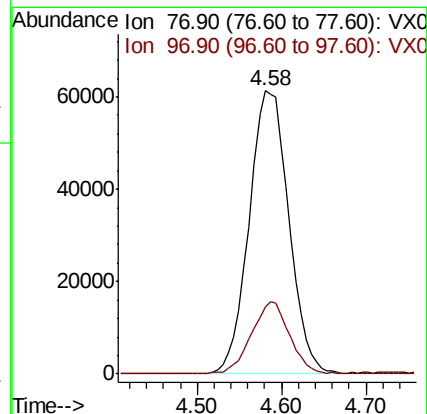
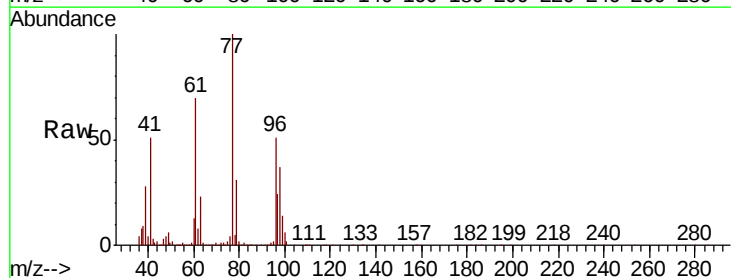
Acq: 07 Dec 2018 11:38

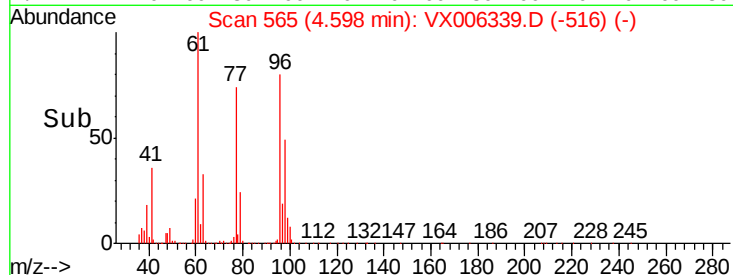
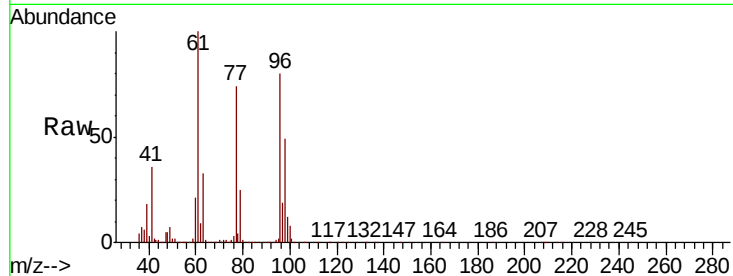
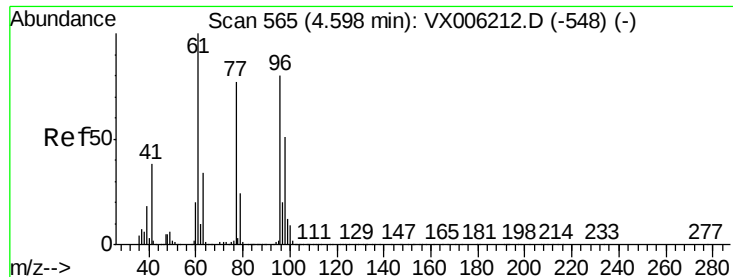
Tgt Ion: 77 Resp: 196877

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.8





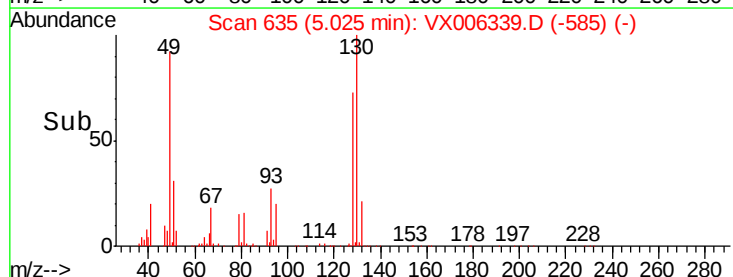
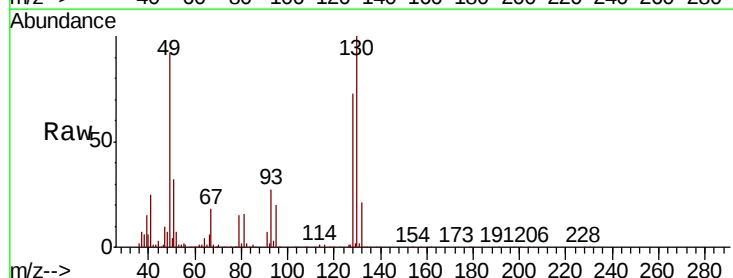
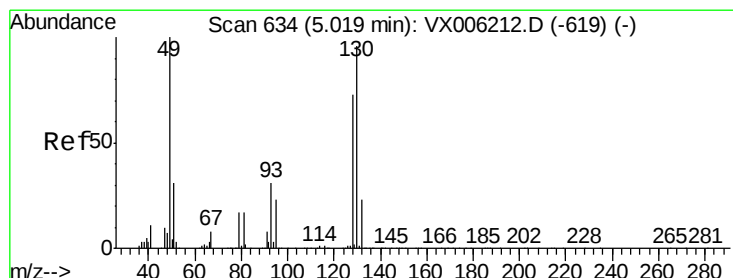
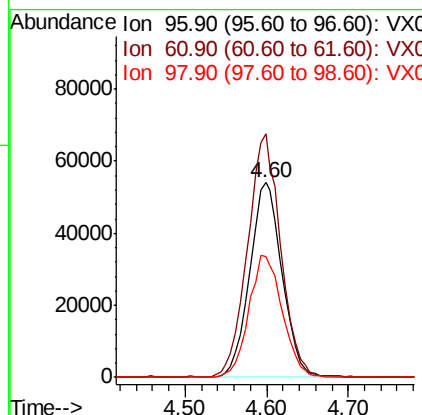
#27
cis-1,2-Dichloroethene
Concen: 20.626 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149666		
61	126.7		0.0	265.0
98	64.3		0.0	130.2

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

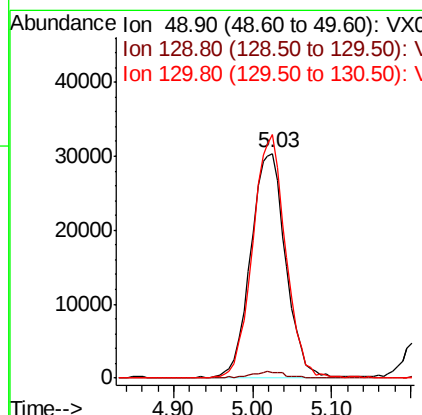
Manual Integrations
APPROVED

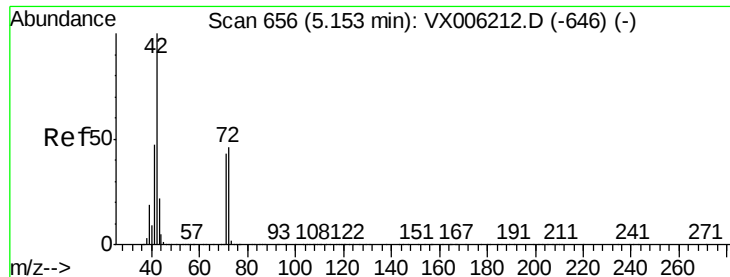
MMDadoda
12/10/2018 9:57:32 AM



#28
Bromochloromethane
Concen: 19.924 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	93690		
129	2.9		0.0	5.0
130	101.7		78.3	117.5





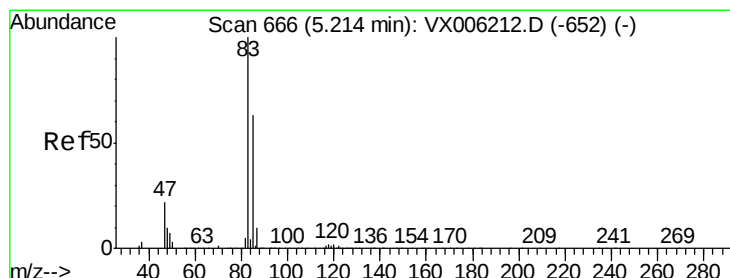
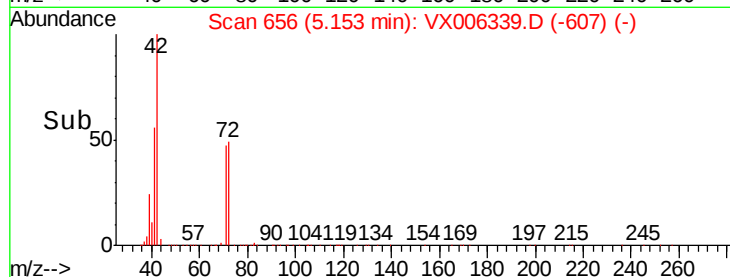
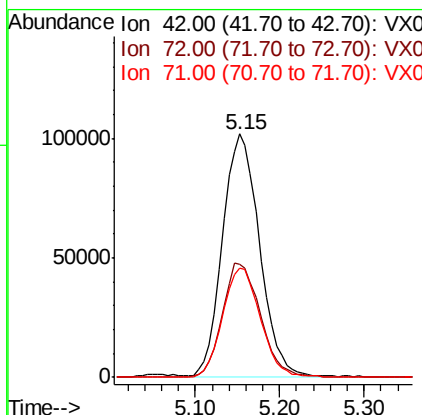
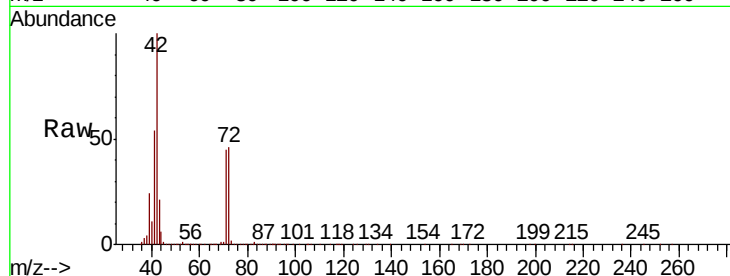
#29
Tetrahydrofuran
Concen: 94.517 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	37.8	56.8
71	45.6	35.2	52.8

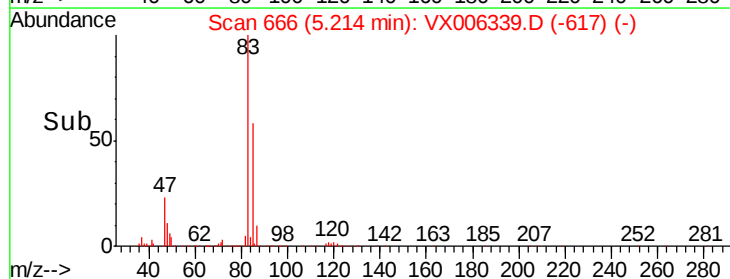
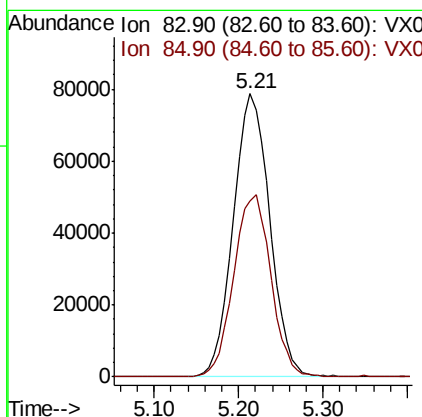
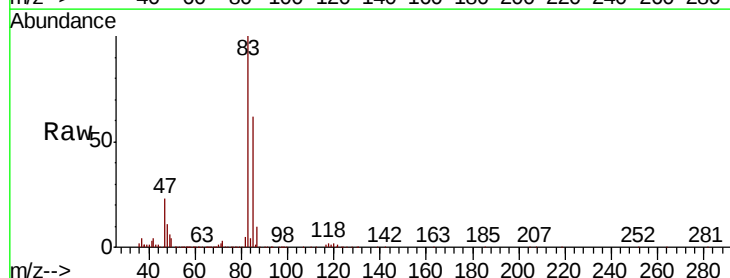
Manual Integrations
APPROVED

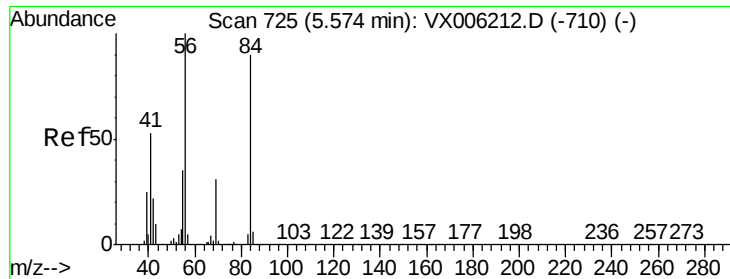
MMDadoda
12/10/2018 9:57:32 AM



#30
Chloroform
Concen: 20.465 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.3	75.5





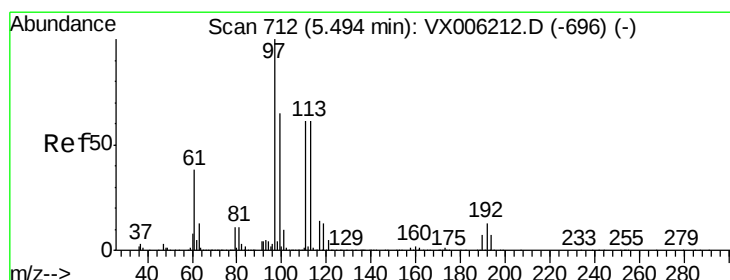
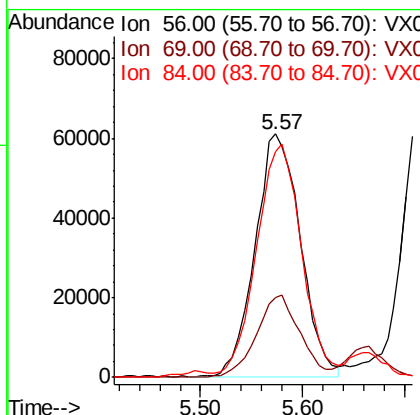
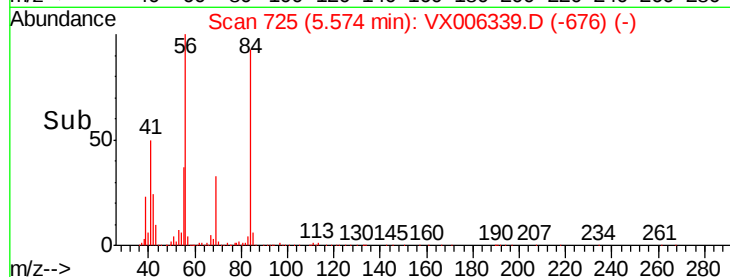
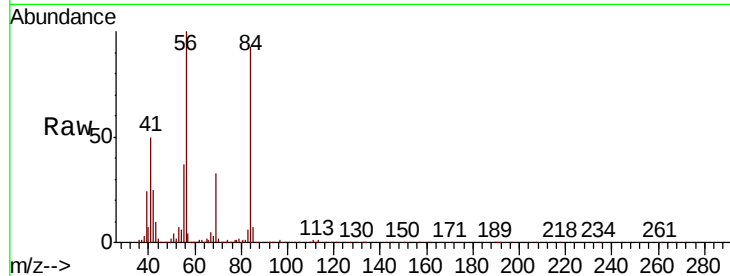
#31
Cyclohexane
Concen: 18.896 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.5	36.7
84	90.8	71.8	107.6

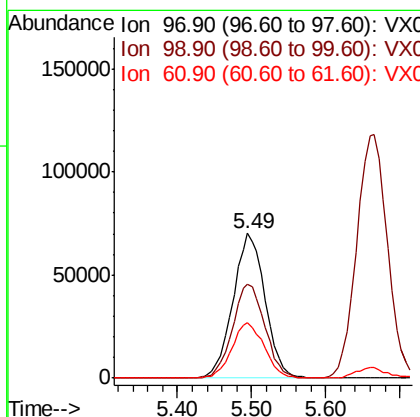
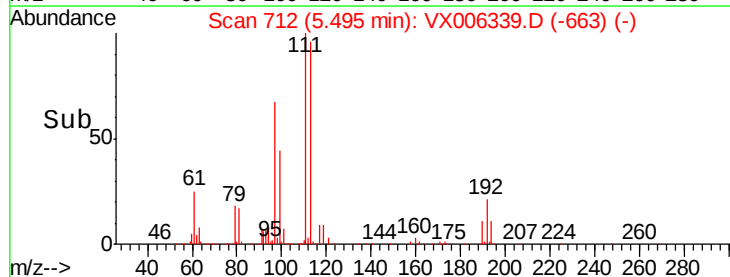
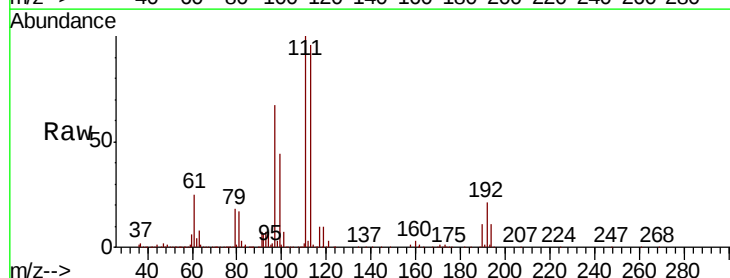
Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#32
1,1,1-Trichloroethane
Concen: 19.686 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	38.1	30.6	46.0





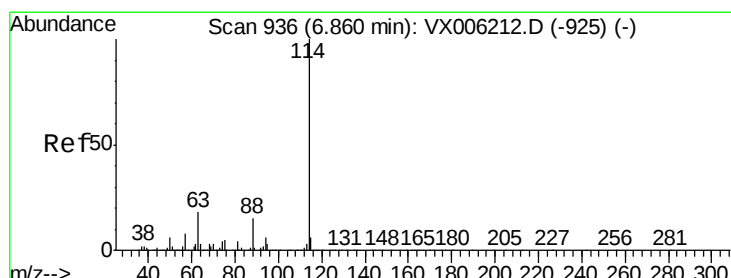
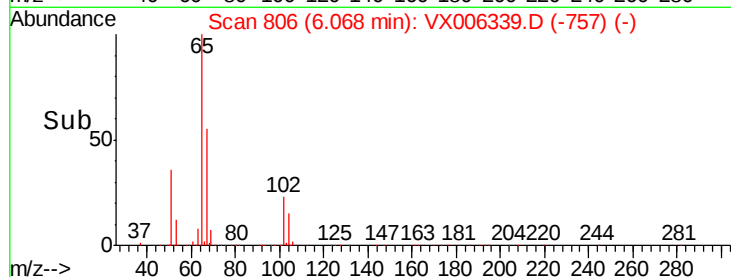
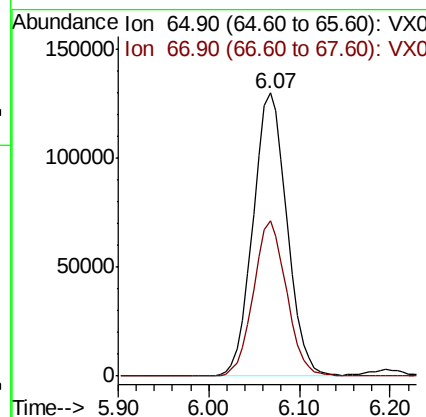
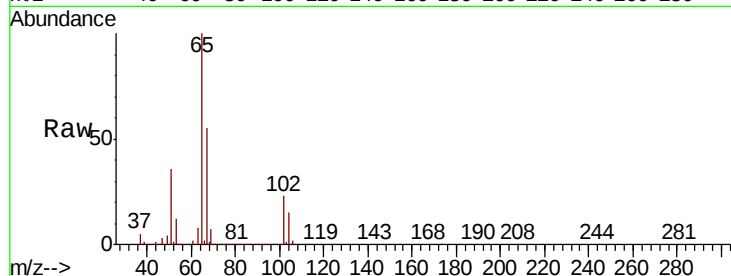
#33
 1,2-Dichloroethane-d4
 Concen: 48.822 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

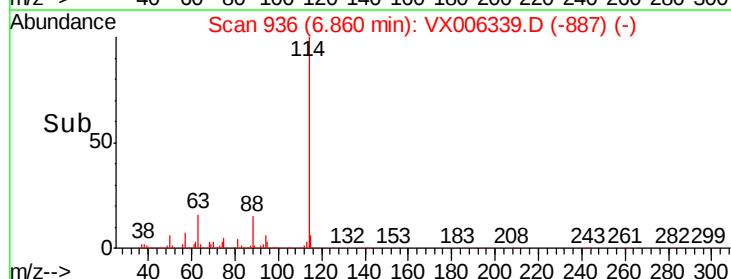
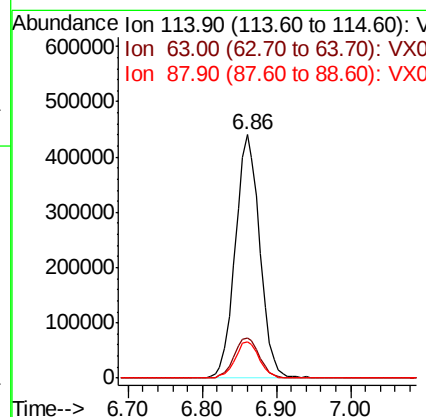
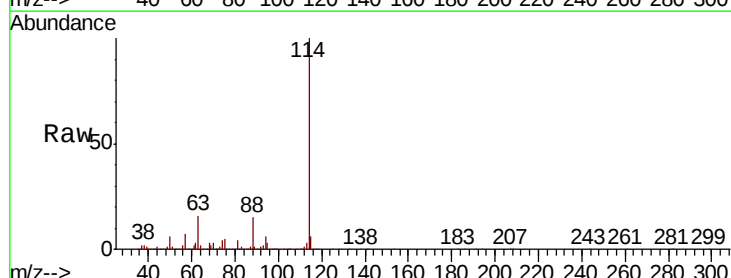
Manual Integrations
 APPROVED

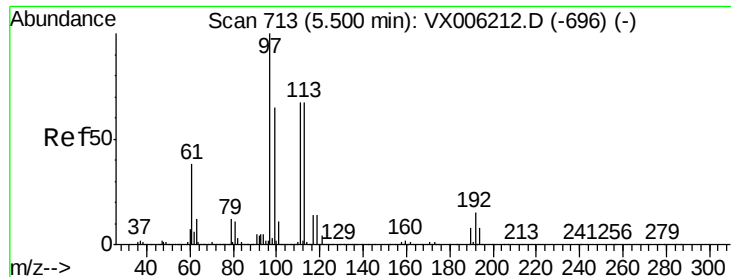
MMDadoda
 12/10/2018 9:57:32 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	36.6
88	14.9	0.0	29.0





#35

Dibromofluoromethane

Concen: 48.442 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

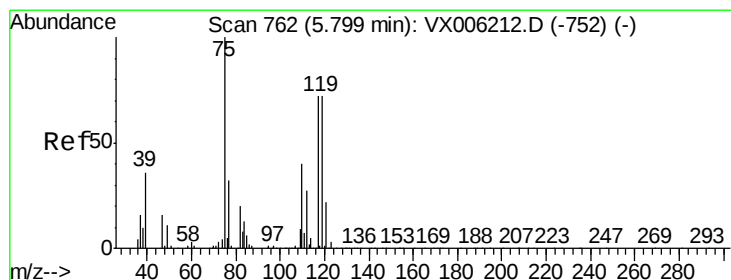
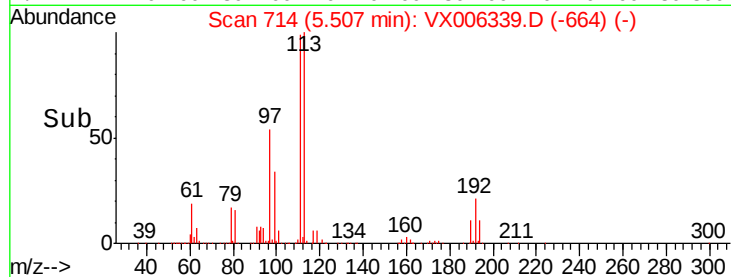
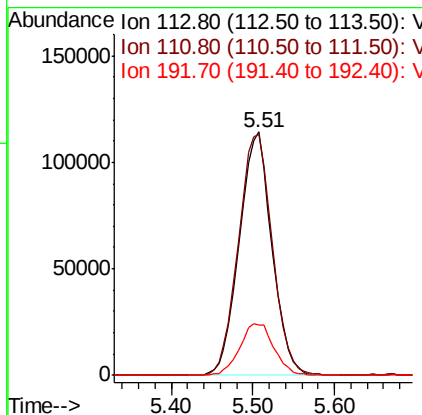
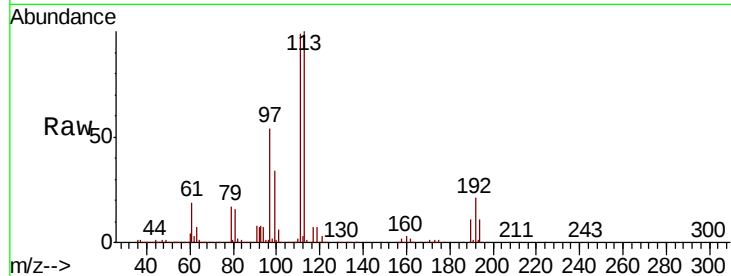
ClientSampleId :

VX1207MBS01

Tot Ion:	113	Resp:	317541
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.1	121.7
192	22.4	18.2	27.2

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#36

1,1-Dichloropropene

Concen: 19.029 ug/l

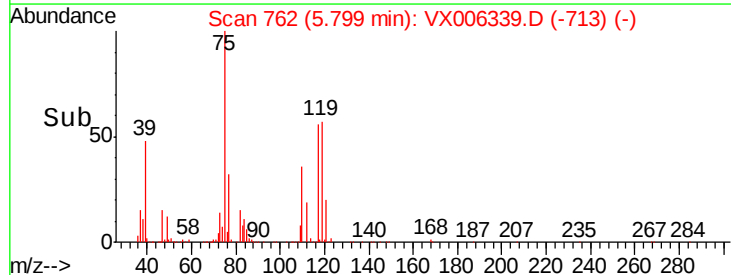
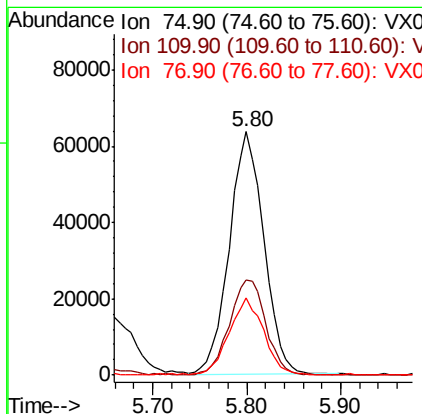
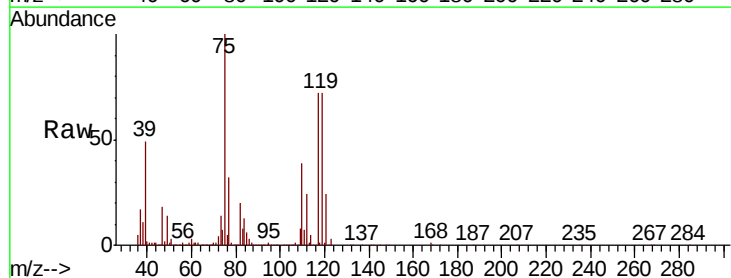
RT: 5.80 min Scan# 762

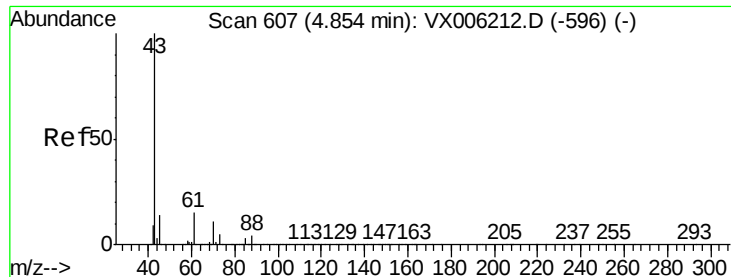
Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:	75	Resp:	162233
Ion Ratio	Lower	Upper	
75	100		
110	41.6	20.4	61.3
77	31.3	24.9	37.3





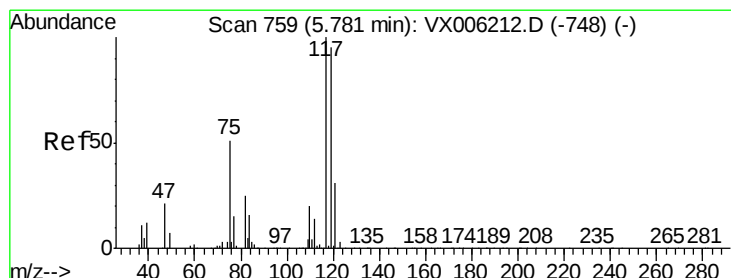
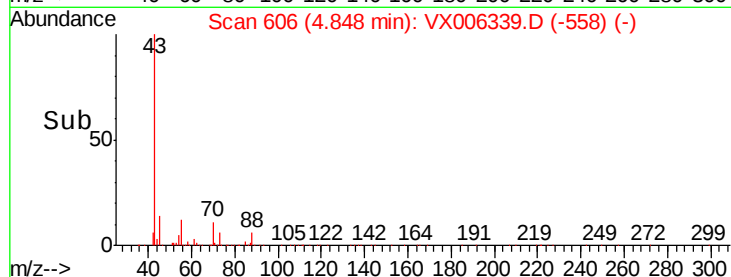
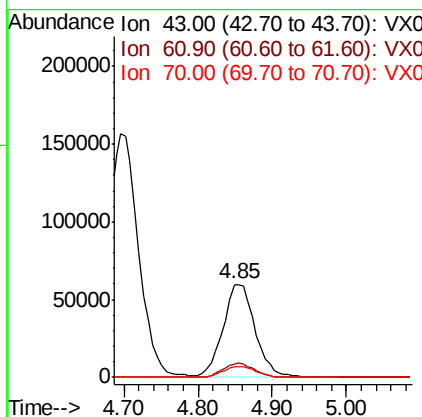
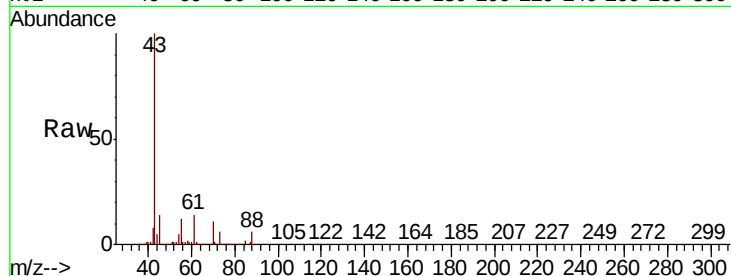
#37
Ethyl Acetate
Concen: 18.713 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion:	43	Resp:	178664
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	11.4	9.0	13.6

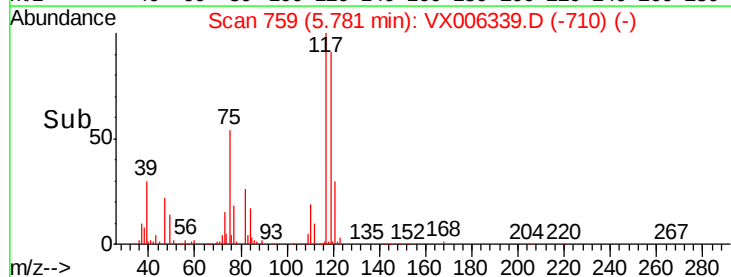
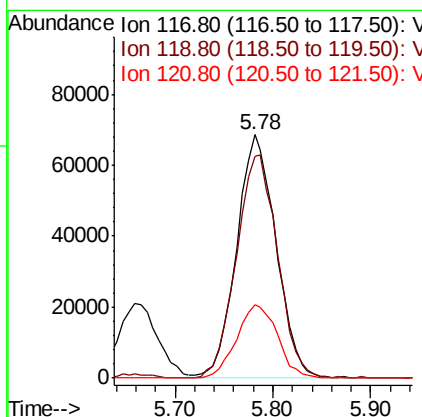
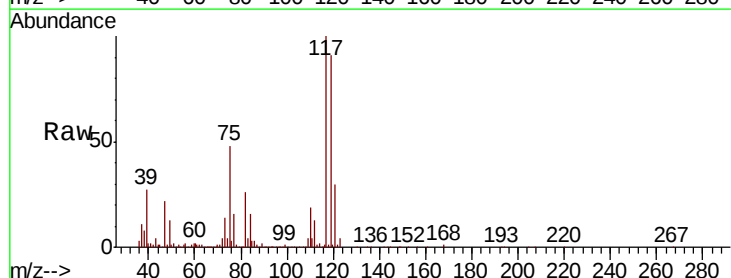
Manual Integrations
APPROVED

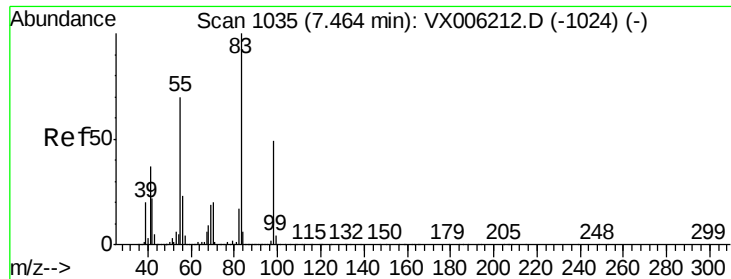
MMDadoda
12/10/2018 9:57:32 AM



#38
Carbon Tetrachloride
Concen: 19.036 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion:	117	Resp:	190929
Ion	Ratio	Lower	Upper
117	100		
119	91.2	75.8	113.8
121	30.2	24.6	37.0





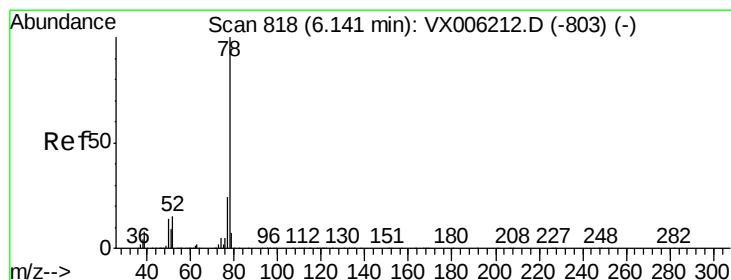
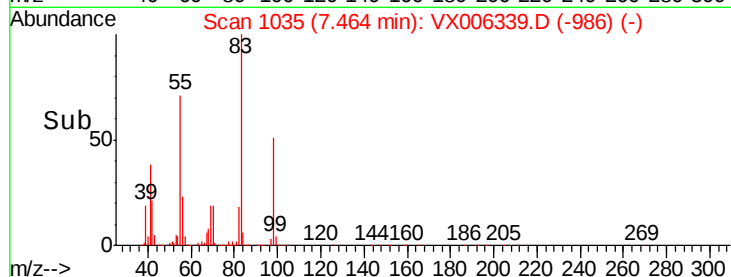
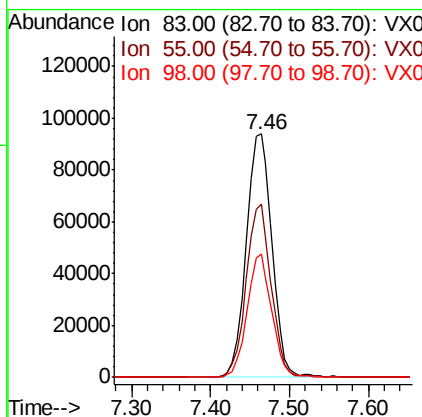
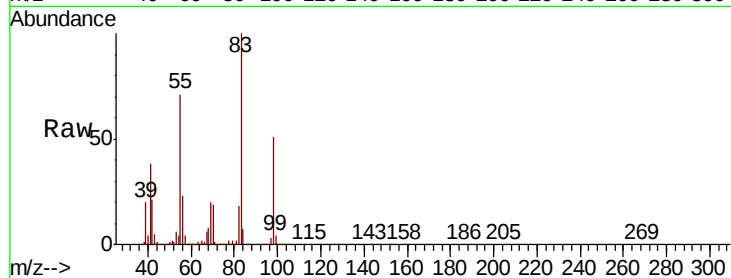
#39
Methvlcvclohexane
Concen: 19.244 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	56.4	84.6
98	50.6	39.0	58.6

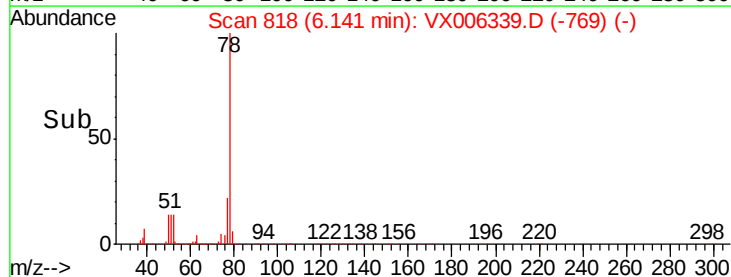
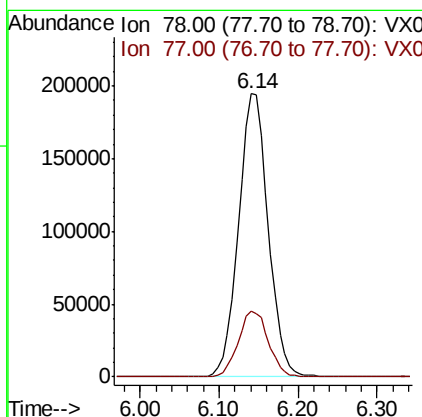
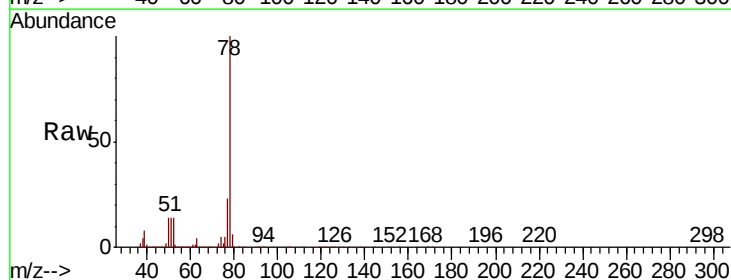
Manual Integrations
APPROVED

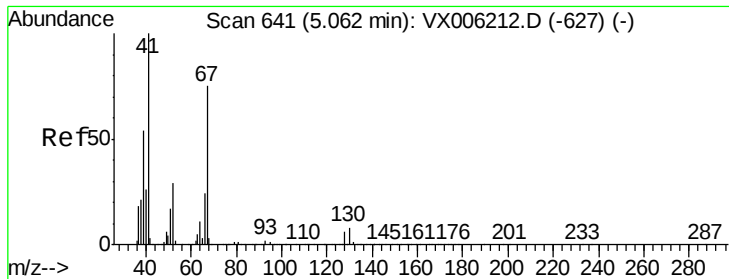
MMDadoda
12/10/2018 9:57:32 AM



#40
Benzene
Concen: 19.847 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





#41

Methacrylonitrile

Concen: 18.667 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

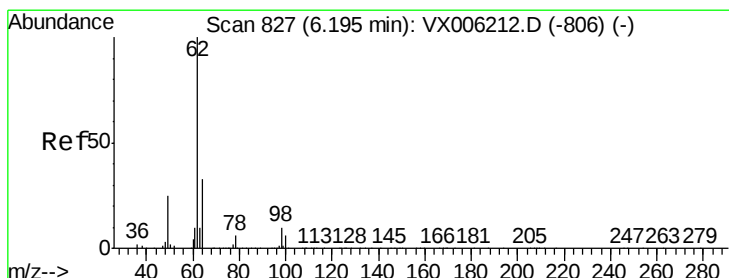
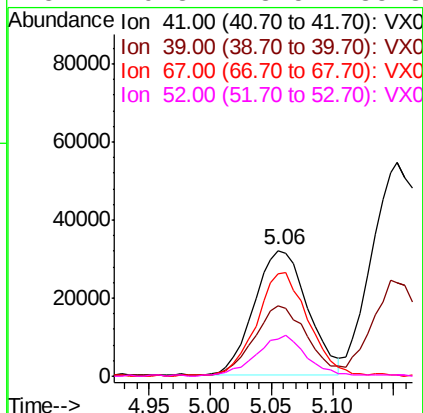
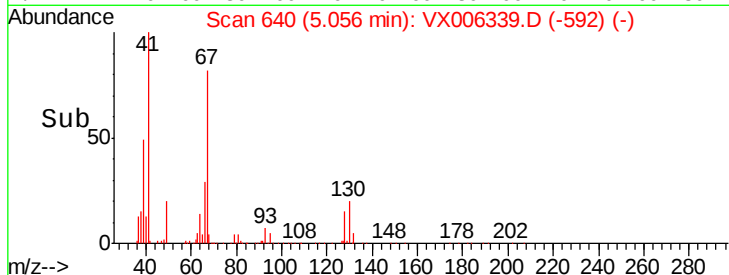
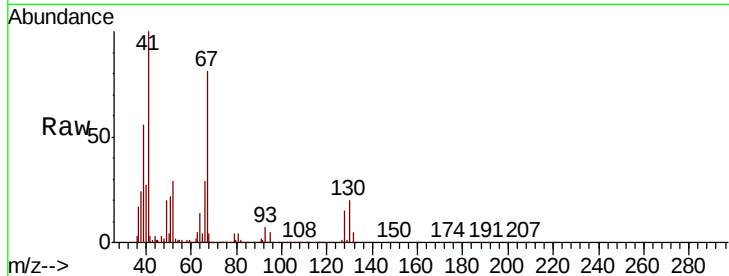
ClientSampleId :

VX1207MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	44.0	66.0	
67	78.9	61.4	92.0	
52	29.3	23.5	35.3	

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#42

1,2-Dichloroethane

Concen: 20.384 ug/l

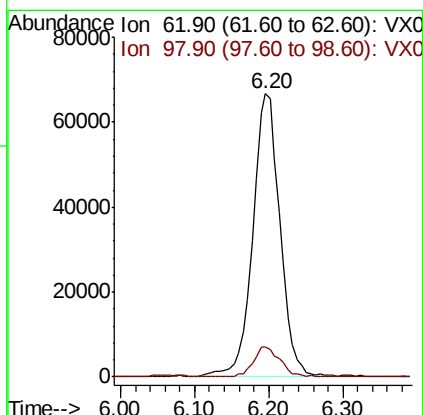
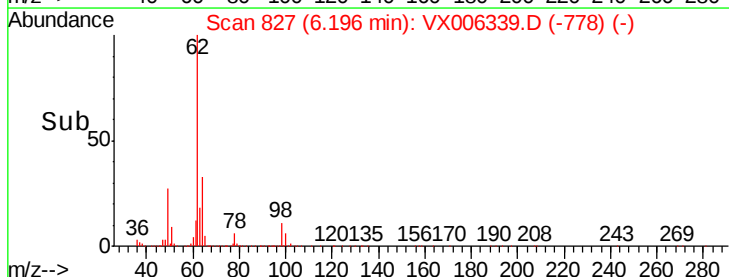
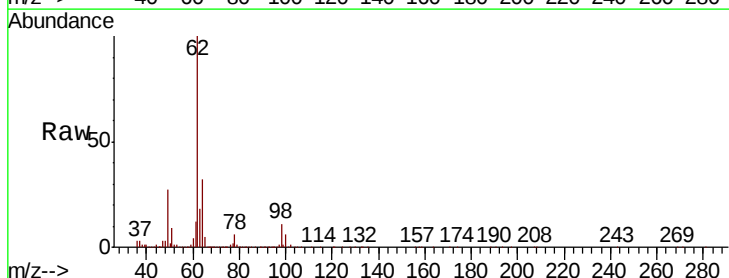
RT: 6.20 min Scan# 827

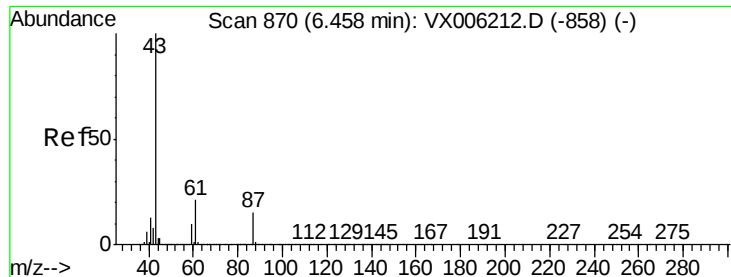
Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.2	





#43

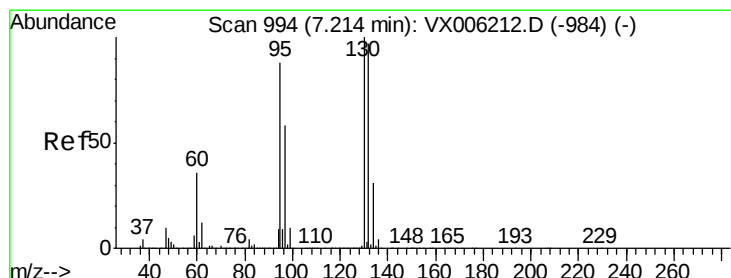
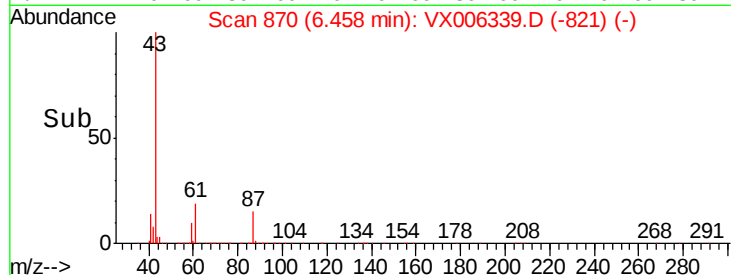
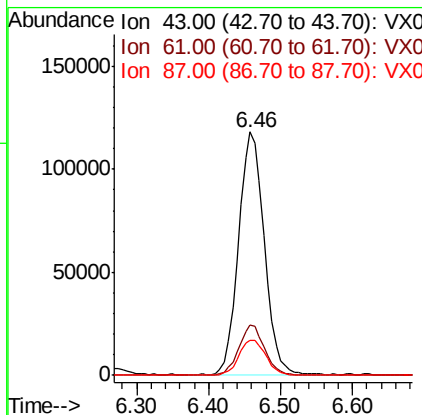
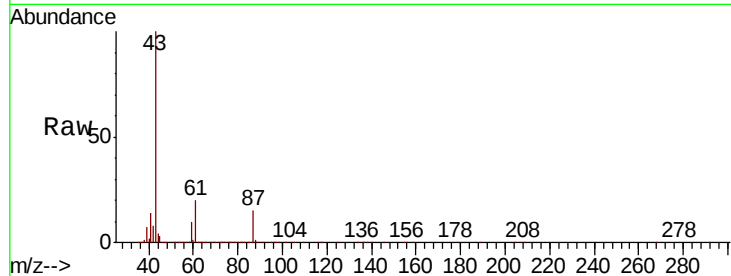
Isopropyl Acetate
 Concen: 18.317 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	15.5	11.9	17.9

Manual Integrations
 APPROVED

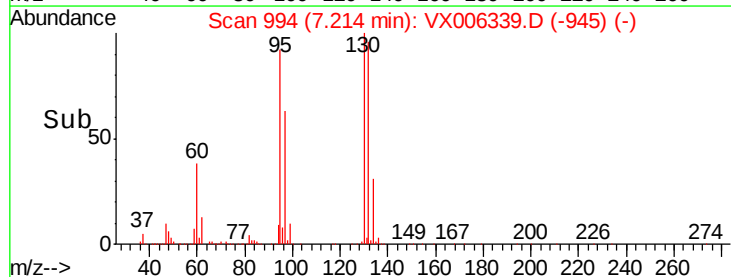
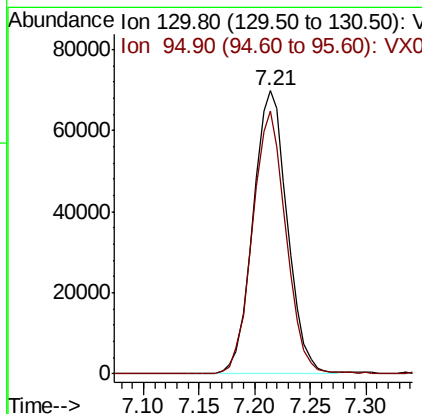
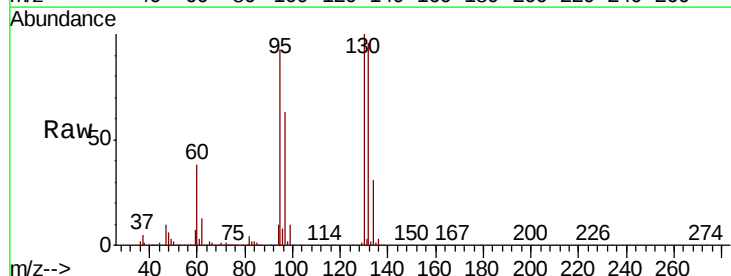
MMDadoda
 12/10/2018 9:57:32 AM



#44

Trichloroethene
 Concen: 19.373 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.477 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 63 Resp: 126404

Ion Ratio Lower Upper

63 100

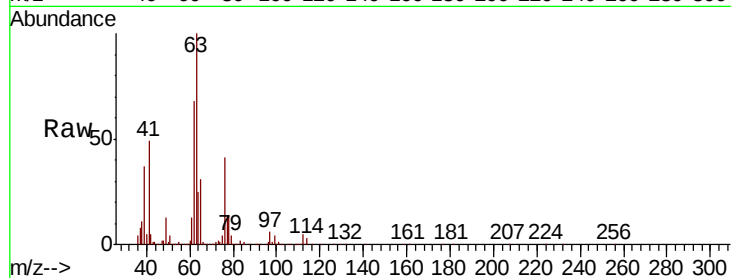
65 31.0 24.3 36.5

Manual Integrations

APPROVED

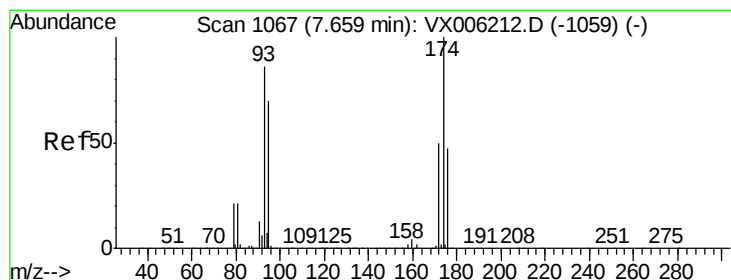
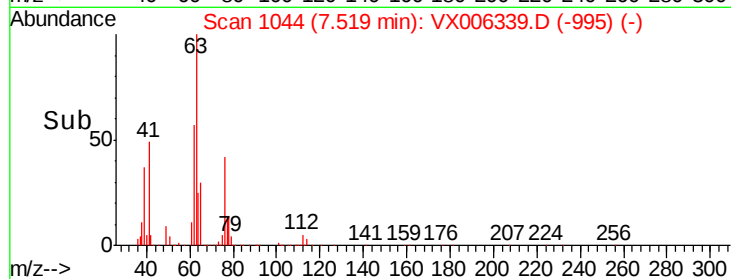
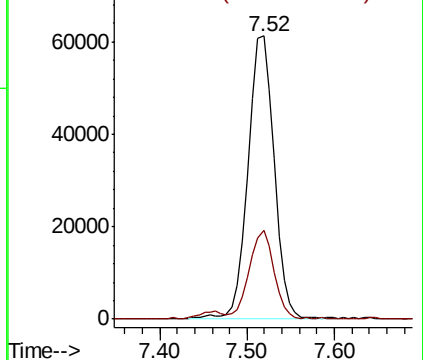
MMDadoda

12/10/2018 9:57:32 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.530 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

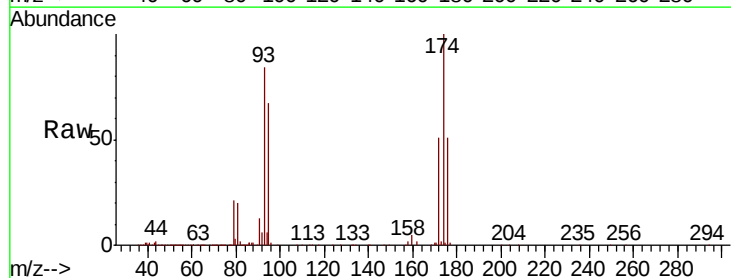
Tgt Ion: 93 Resp: 91540

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

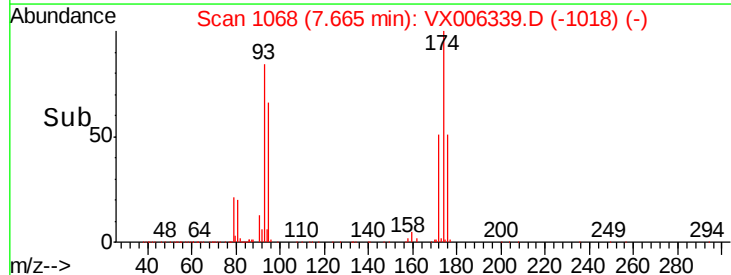
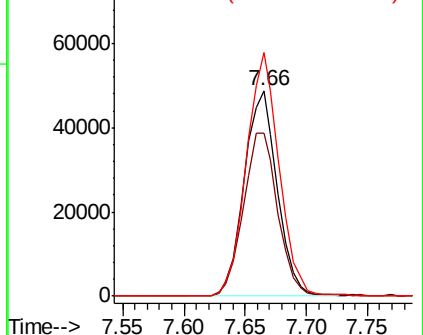
174 118.3 97.2 145.8

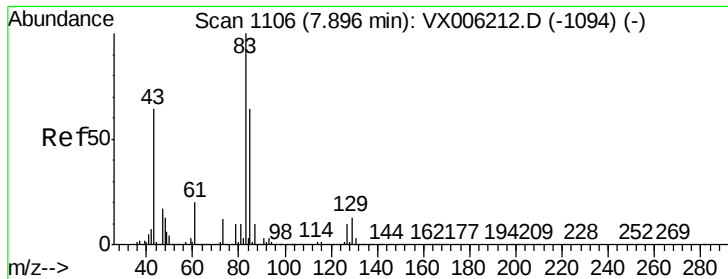


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.357 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

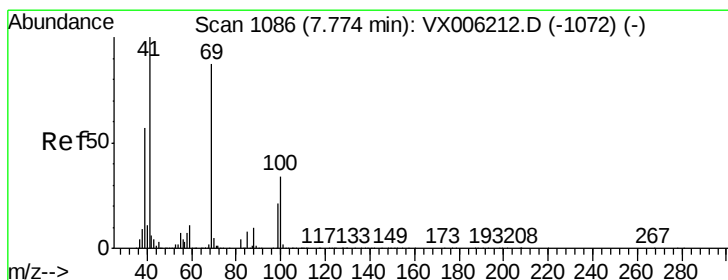
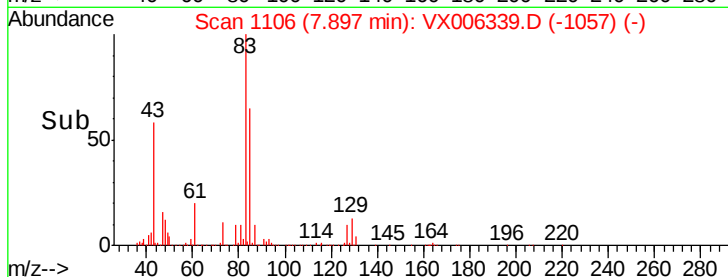
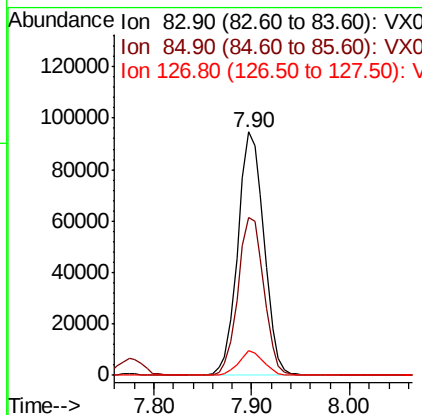
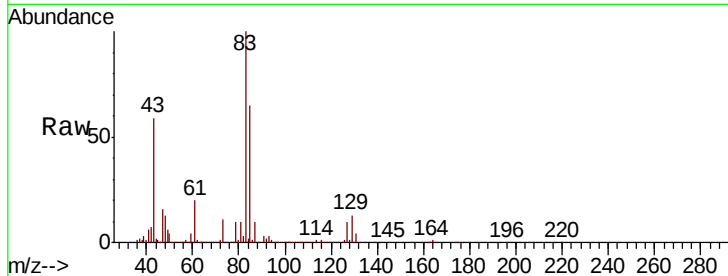
ClientSampleId :

VX1207MBS01

Tot Ion:	83	Resp:	175695
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.4	77.0
127	10.1	7.9	11.9

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#48

Methyl methacrylate

Concen: 18.461 ug/l

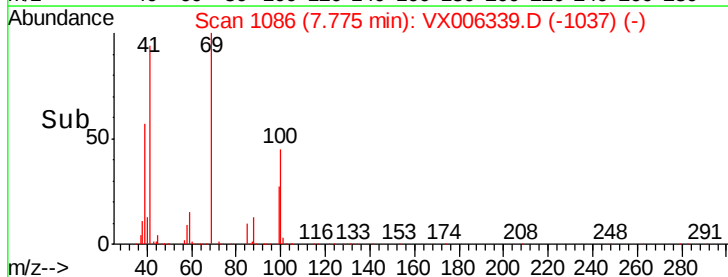
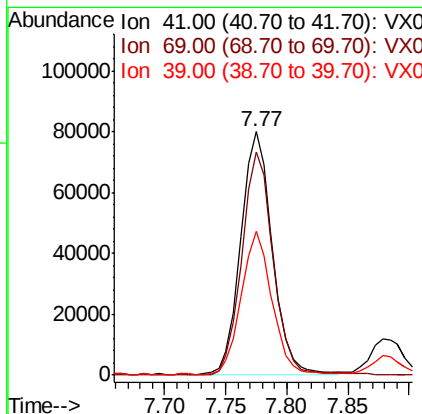
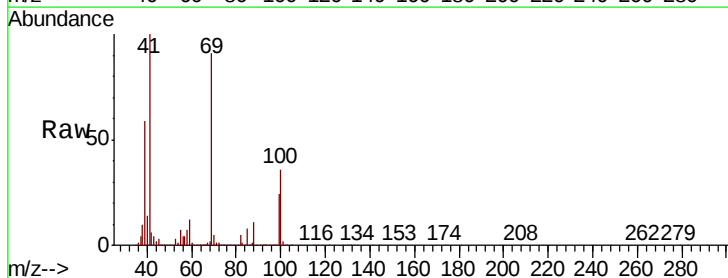
RT: 7.77 min Scan# 1086

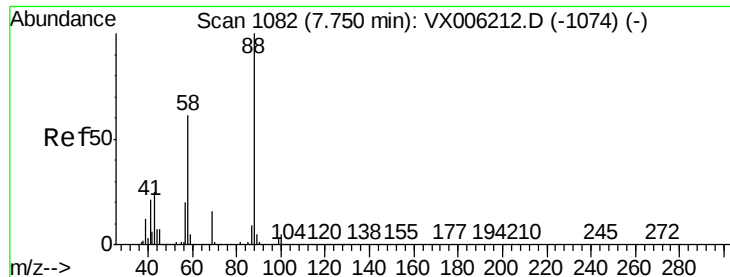
Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:	41	Resp:	142966
Ion Ratio	Lower	Upper	
41	100		
69	90.8	70.3	105.5
39	57.3	45.3	67.9





#49

1,4-Dioxane

Concen: 392.916 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

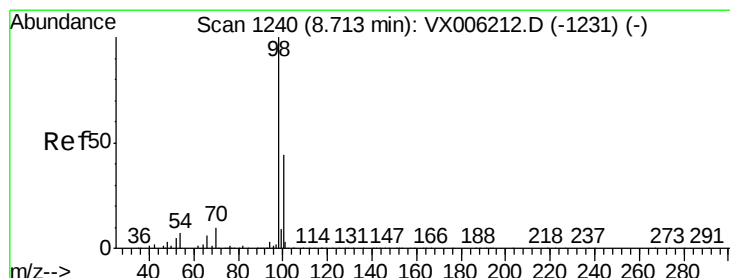
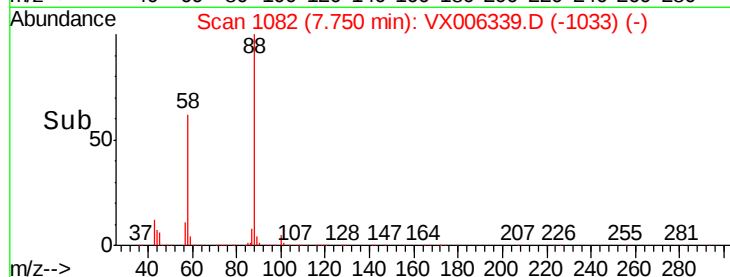
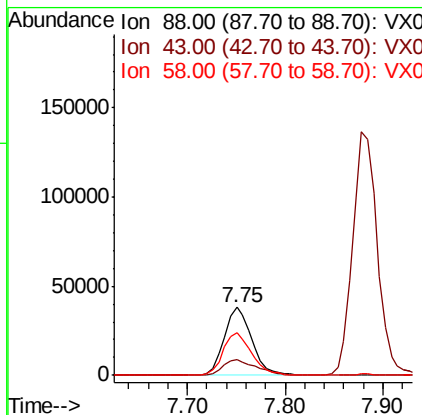
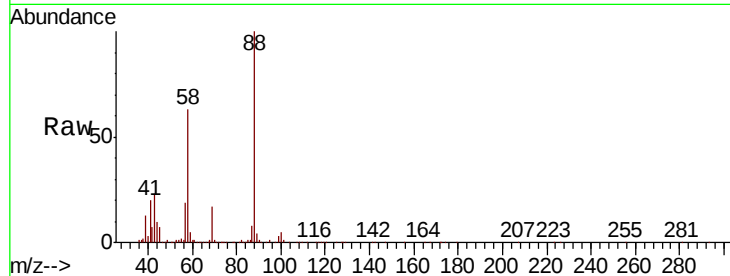
ClientSampleId :

VX1207MBS01

Tot Ion:	88	Resp:	74995
Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.2	34.8
58	65.3	51.4	77.0

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#50

Toluene-d8

Concen: 48.136 ug/l

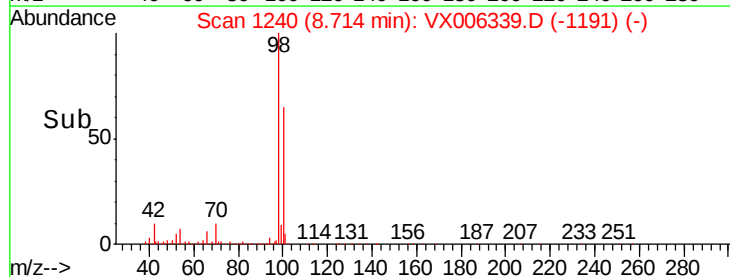
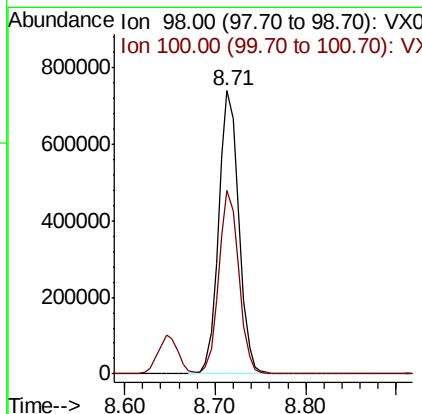
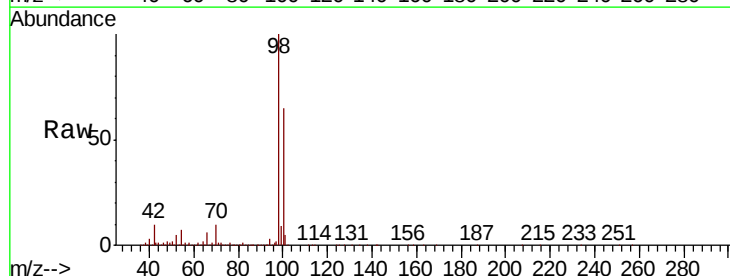
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:	98	Resp:	1147720
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





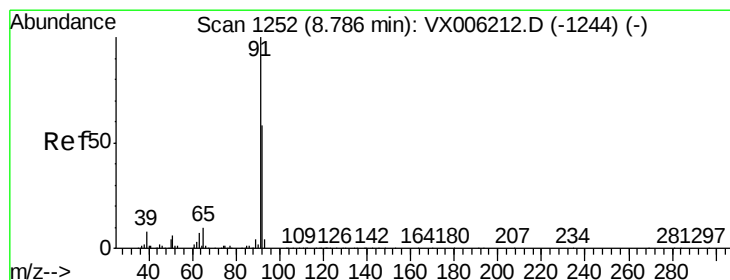
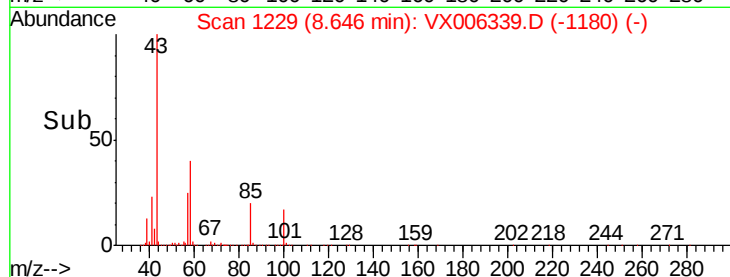
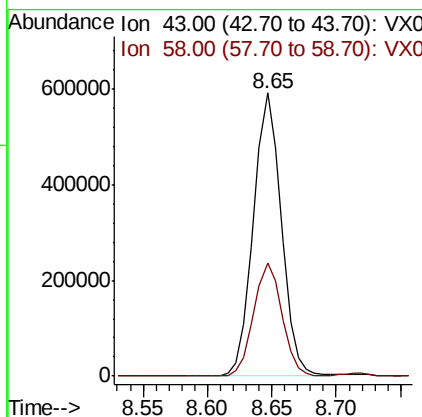
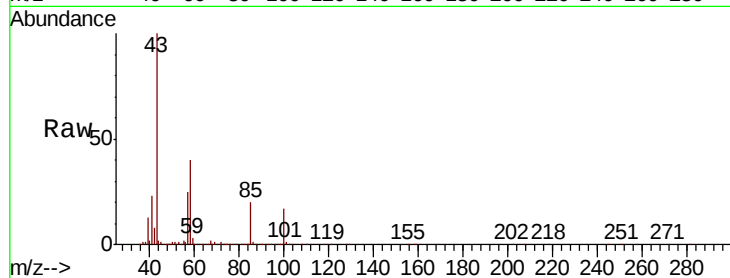
#51
4-Methyl-2-Pentanone
Concen: 95.238 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	31.3	46.9

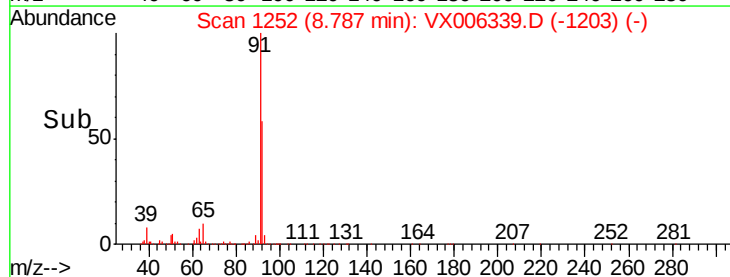
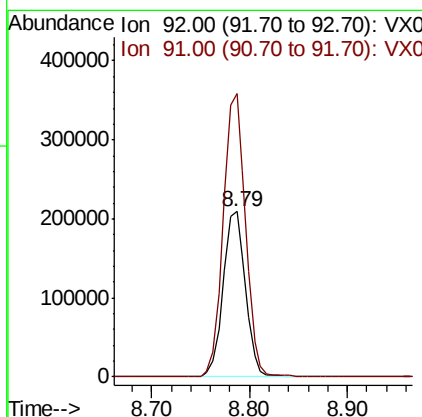
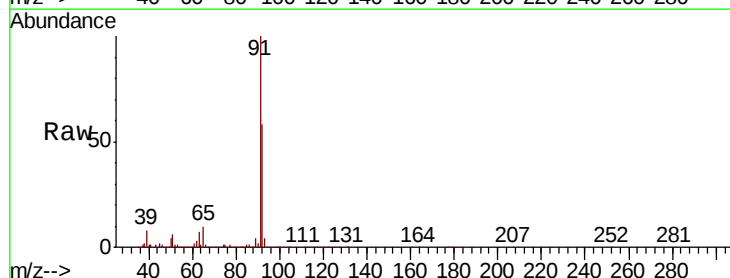
Manual Integrations
APPROVED

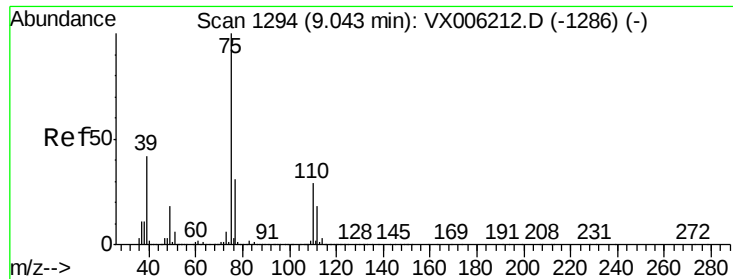
MMDadoda
12/10/2018 9:57:32 AM



#52
Toluene
Concen: 19.703 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.6	139.2	208.8





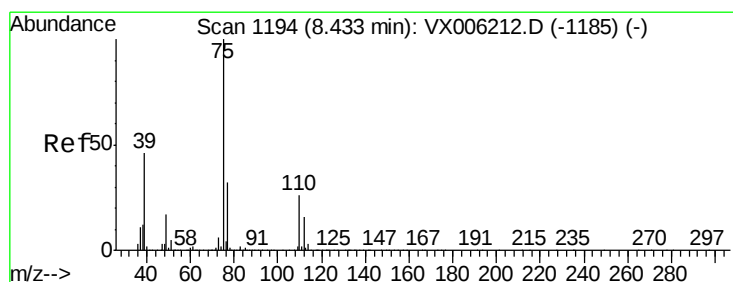
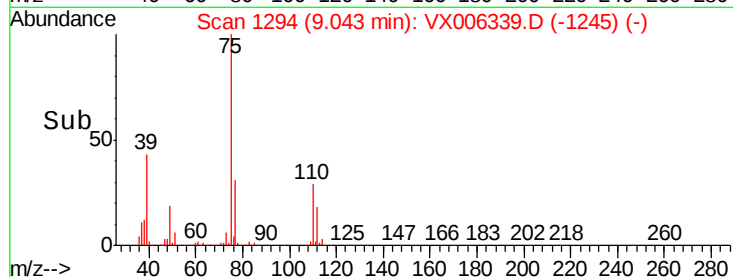
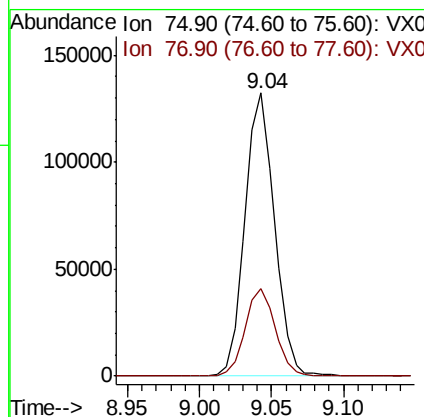
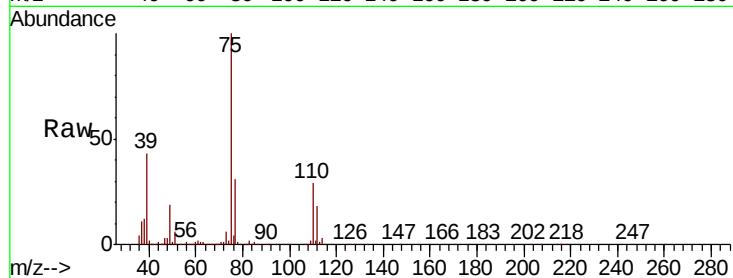
#53
t-1,3-Dichloropropene
Concen: 17.649 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.0	37.4

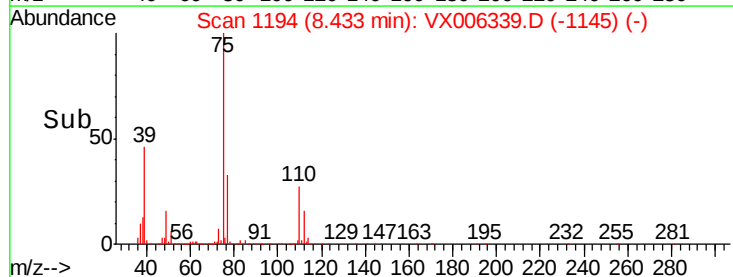
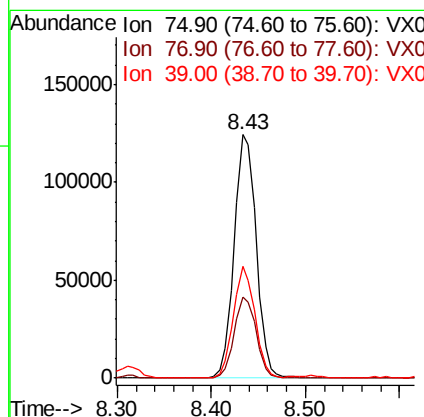
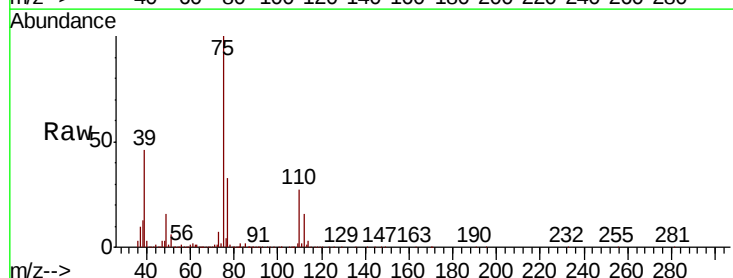
Manual Integrations
APPROVED

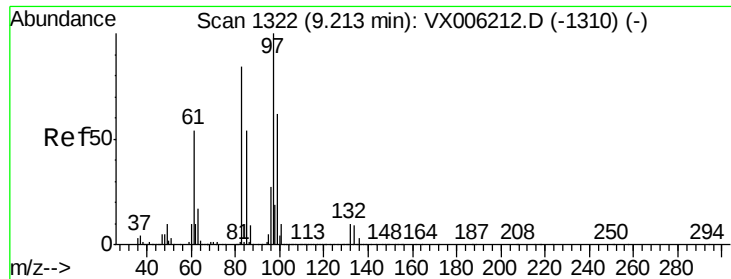
MMDadoda
12/10/2018 9:57:32 AM



#54
cis-1,3-Dichloropropene
Concen: 18.440 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.6	38.4
39	45.7	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 20.174 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

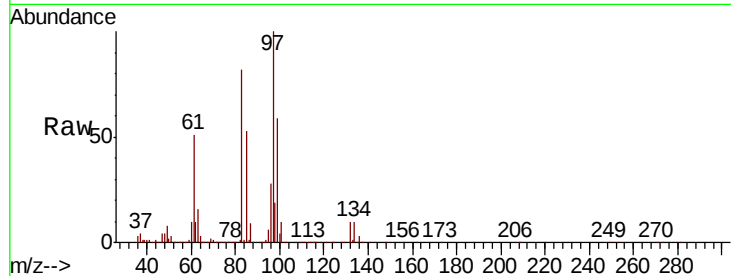
ClientSampleId :

VX1207MBS01

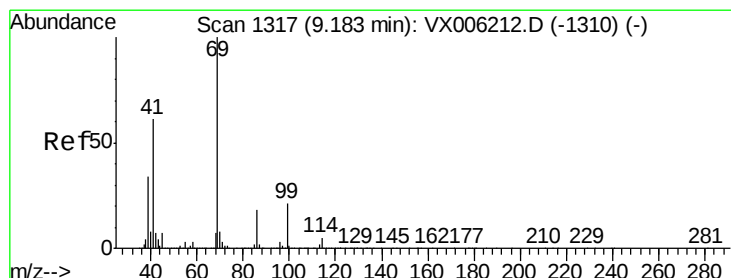
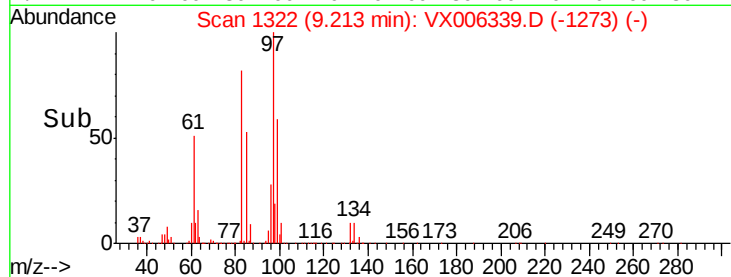
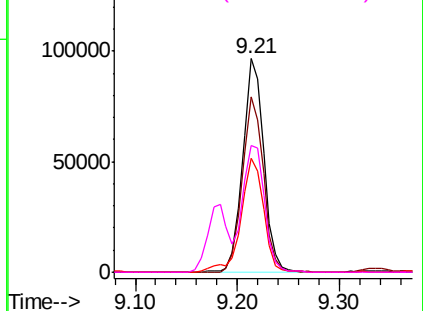
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		137688		
83	82.0	67.1	100.7		
85	53.3	43.2	64.8		
99	59.5	49.8	74.6		

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



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



#56

Ethyl methacrylate

Concen: 19.192 ug/l

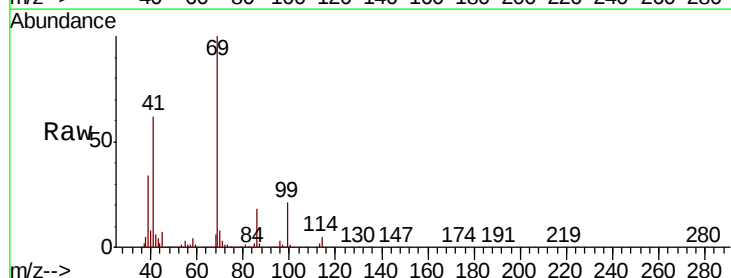
RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

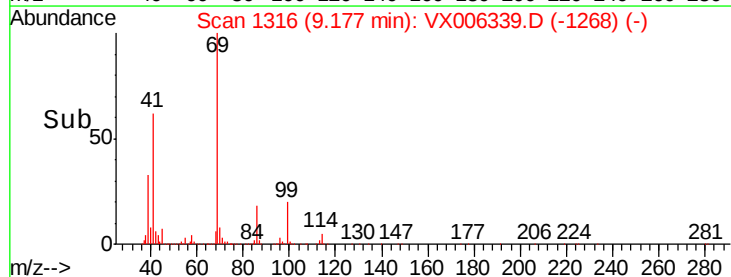
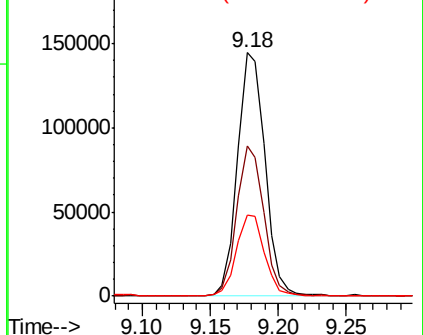
Lab File: VX006339.D

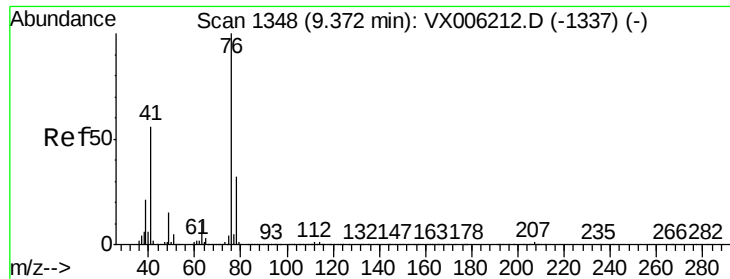
Acq: 07 Dec 2018 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		204769		
41	60.5	50.6	76.0		
39	33.7	27.6	41.4		



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





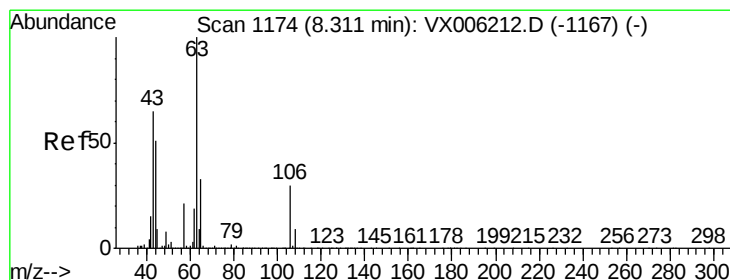
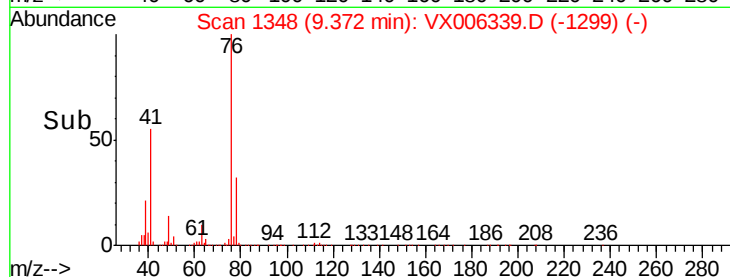
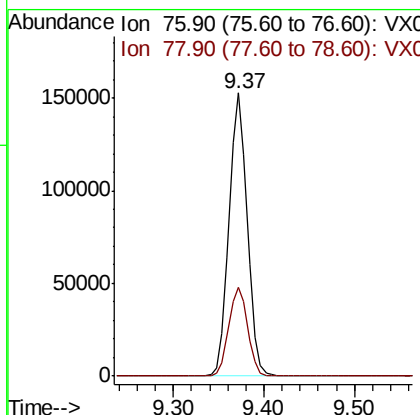
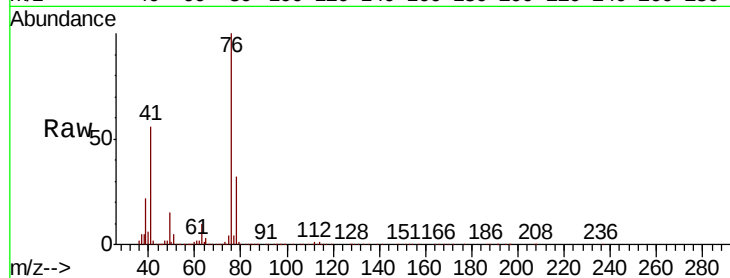
#57
 1,3-Dichloropropane
 Concen: 19.799 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

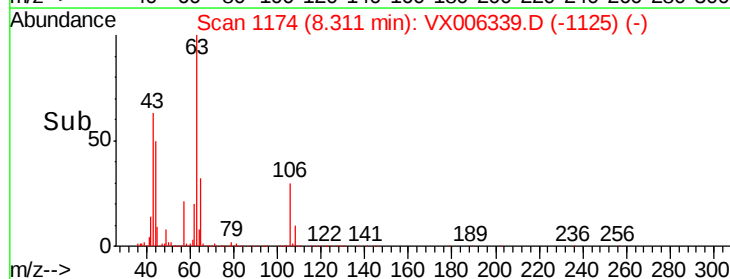
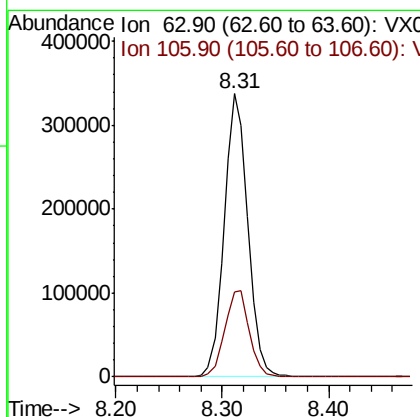
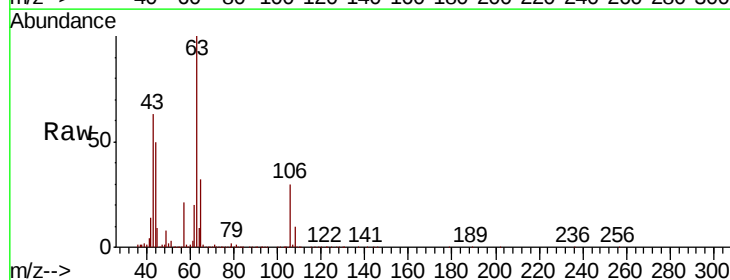
Manual Integrations
 APPROVED

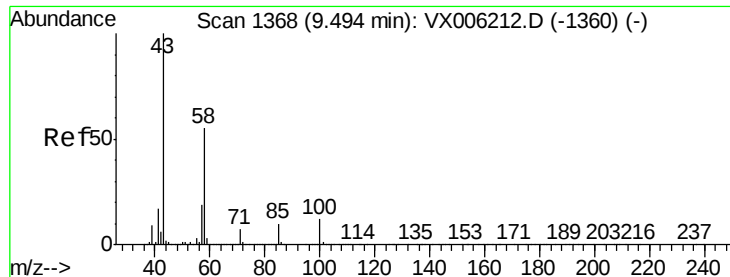
MMDadoda
 12/10/2018 9:57:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.166 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	24.9	37.3





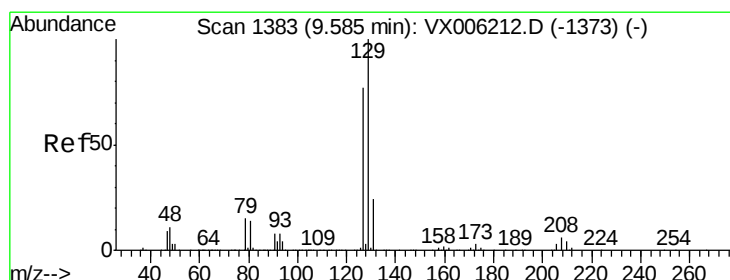
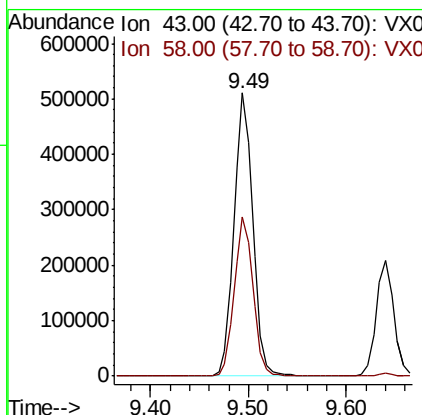
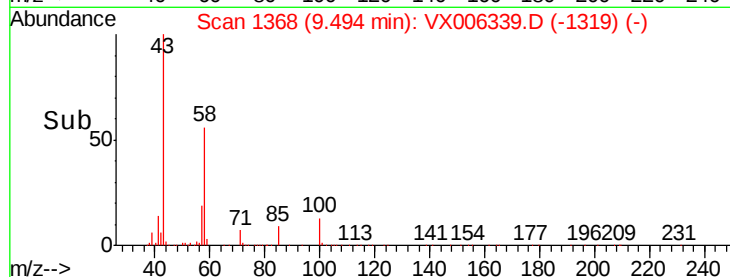
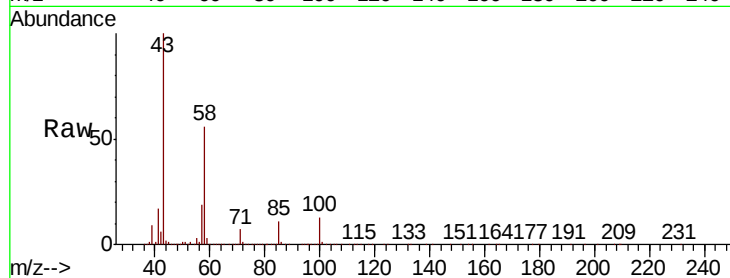
#59
2-Hexanone
Concen: 96.221 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion: 43 Resp: 681244
Ion Ratio Lower Upper
43 100
58 56.3 27.7 83.1

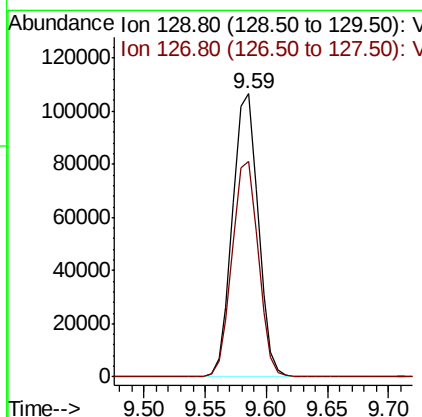
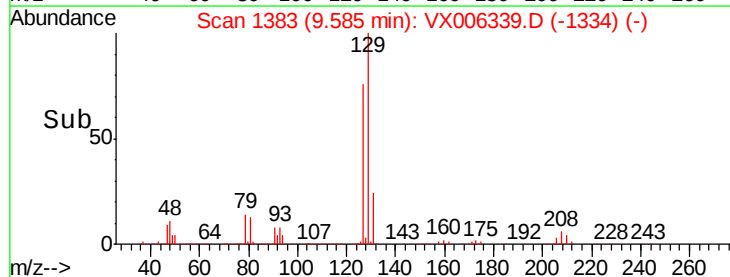
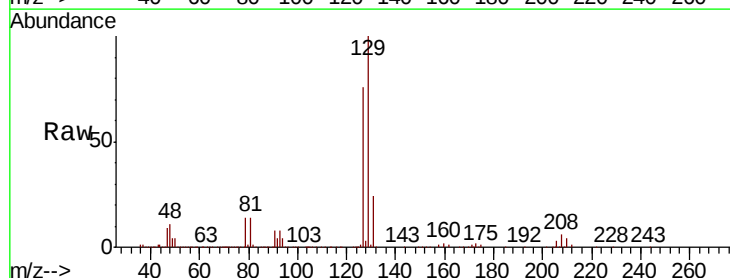
Manual Integrations
APPROVED

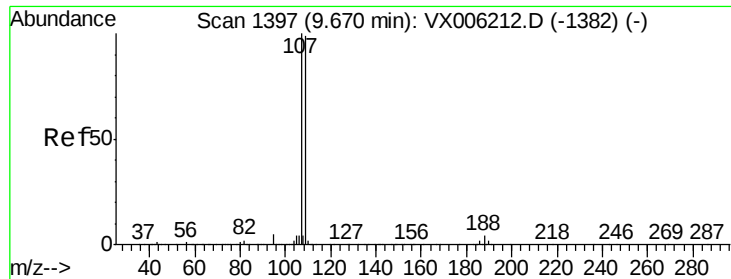
MMDadoda
12/10/2018 9:57:32 AM



#60
Dibromochloromethane
Concen: 18.397 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 129 Resp: 154822
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.516 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 107 Resp: 148929

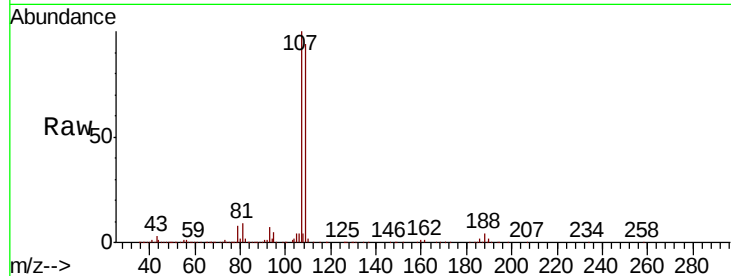
Ion Ratio Lower Upper

107 100

109 94.0 76.3 114.5

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

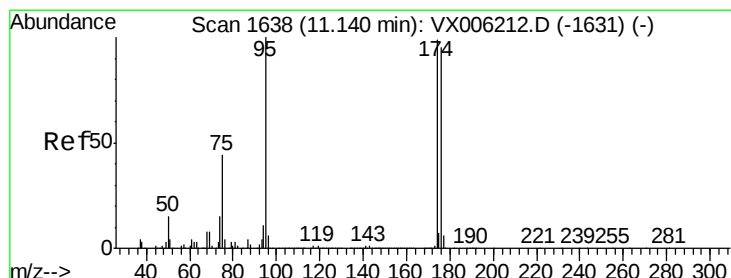
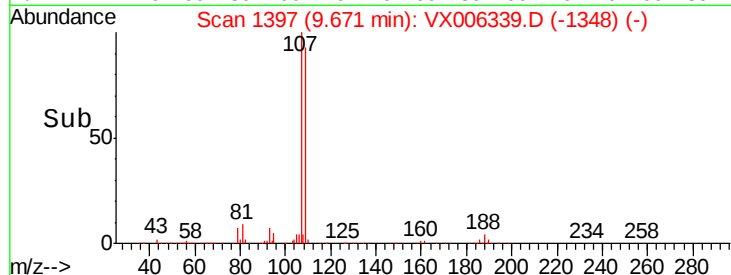
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.042 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

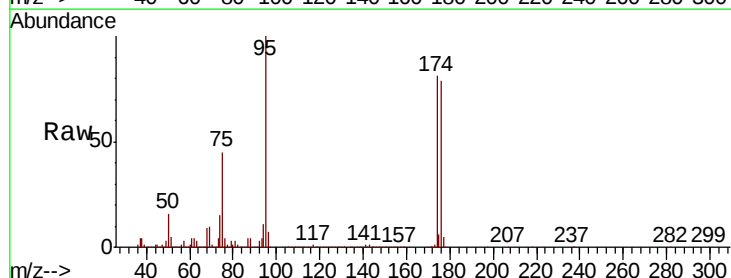
Tgt Ion: 95 Resp: 431654

Ion Ratio Lower Upper

95 100

174 90.1 0.0 187.0

176 87.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

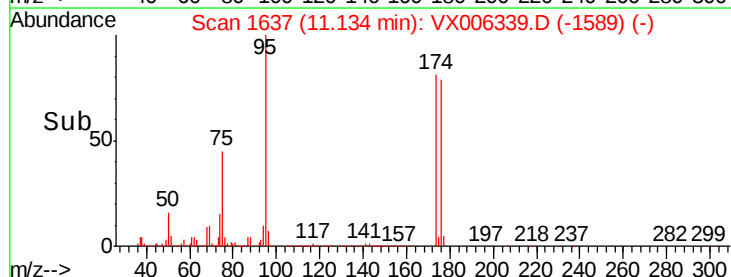
300000

200000

100000

0

Time-->





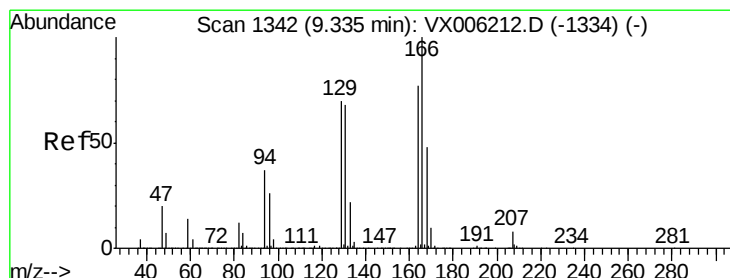
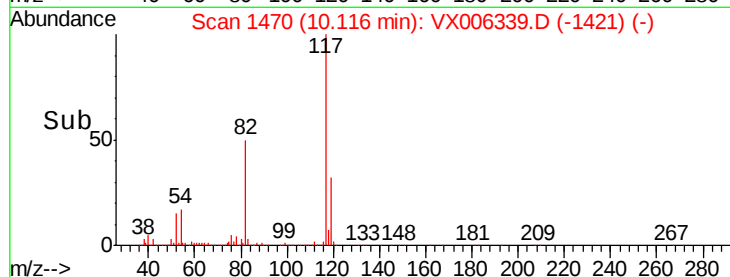
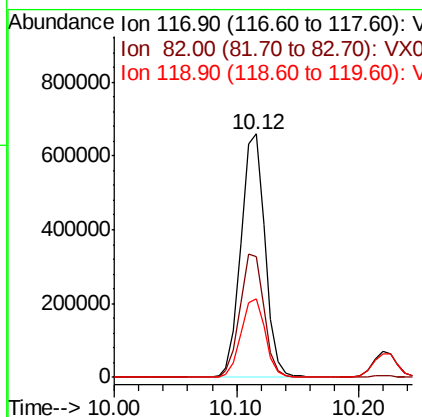
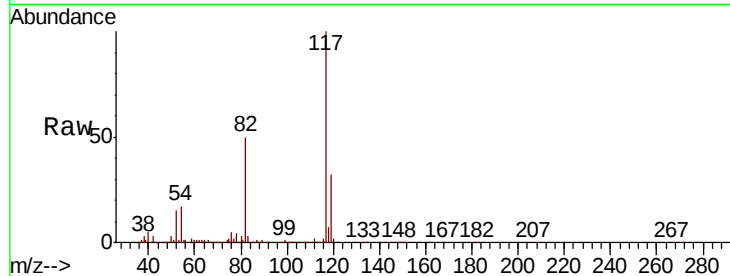
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	894395		
82	49.6		39.6	59.4
119	32.1		26.3	39.5

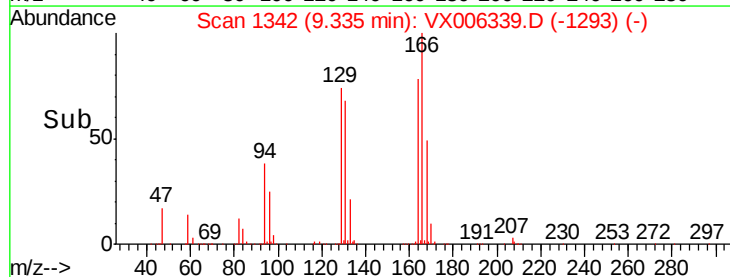
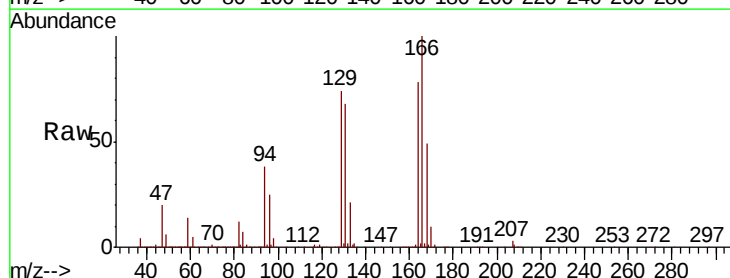
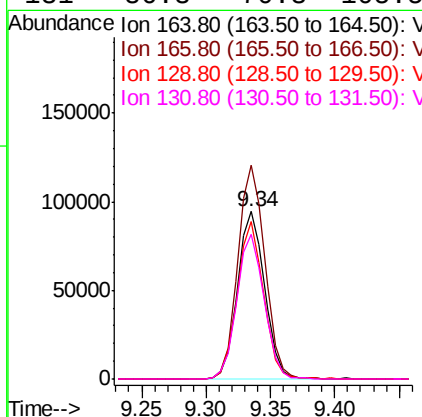
Manual Integrations
APPROVED

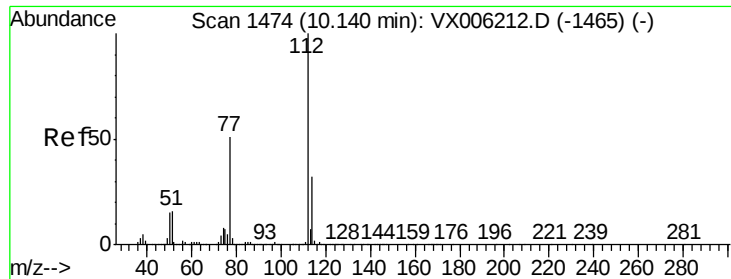
MMDadoda
12/10/2018 9:57:32 AM



#64
Tetrachloroethene
Concen: 20.453 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	137762		
166	127.5		104.2	156.2
129	94.3		72.6	108.8
131	86.3		70.3	105.5





#65

Chlorobenzene

Concen: 20.286 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion:112 Resp: 385157

Ion Ratio Lower Upper

112 100

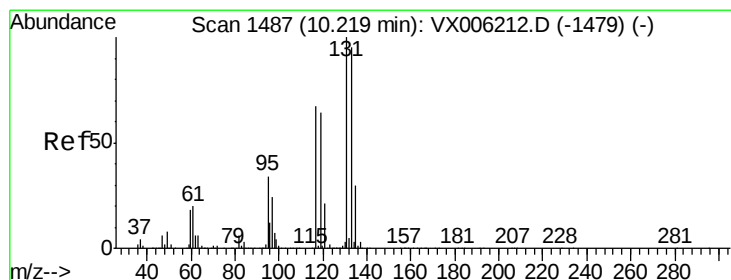
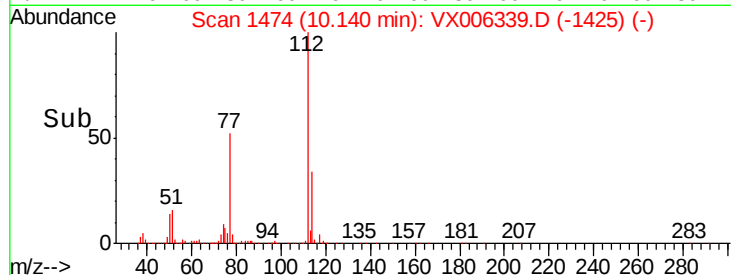
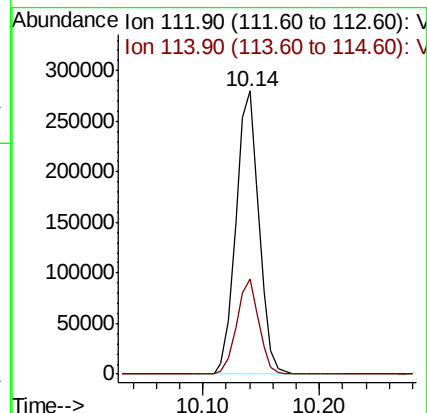
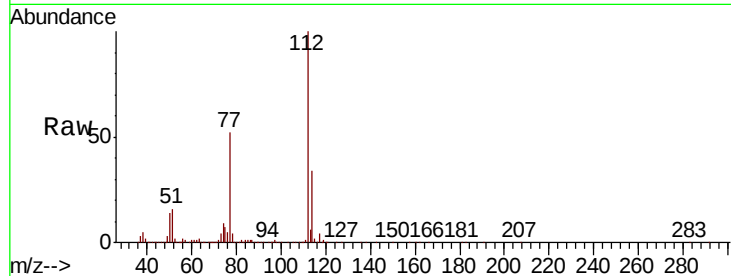
114 33.7 25.4 38.2

Manual Integrations

APPROVED

MMDadoda

12/10/2018 9:57:32 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

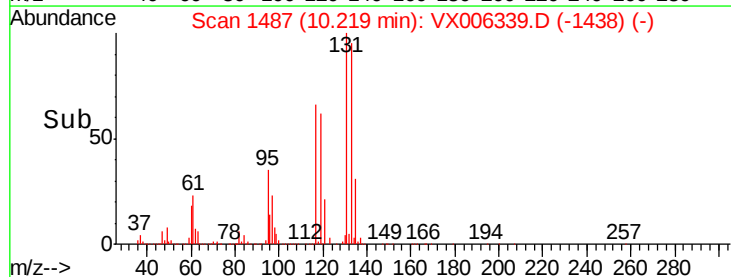
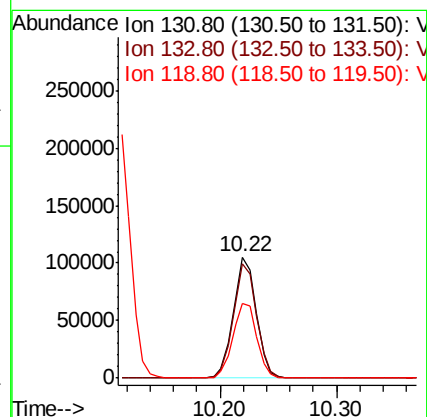
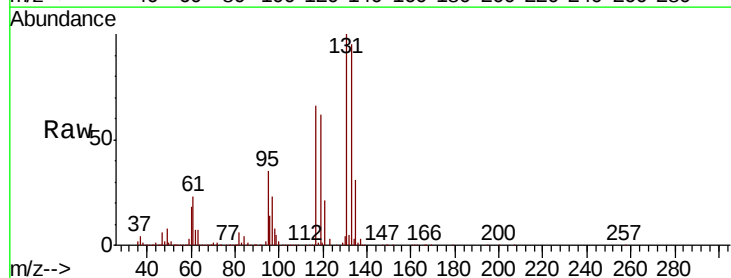
Tgt Ion:131 Resp: 143148

Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

119 64.2 32.1 96.3





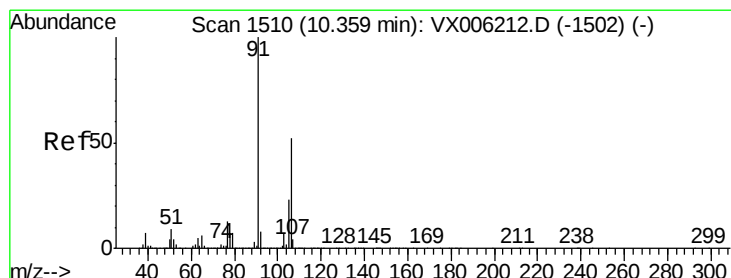
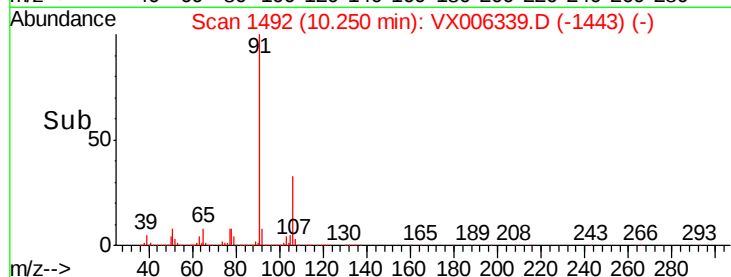
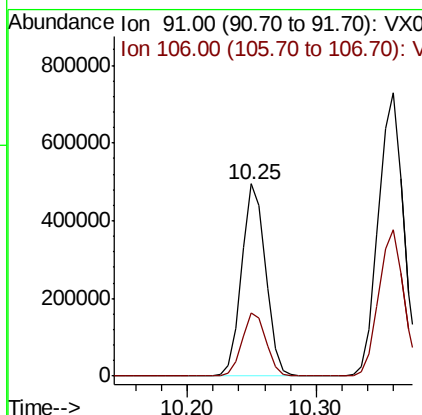
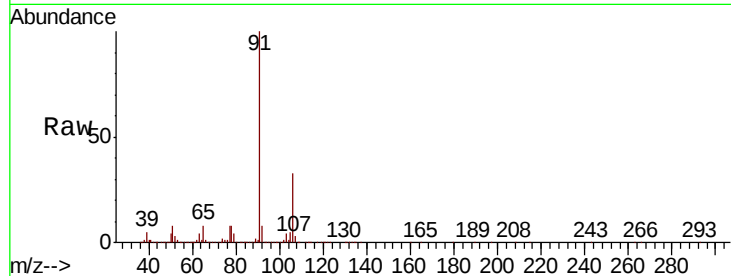
#67
Ethyl Benzene
Concen: 20.088 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion: 91 Resp: 634330
Ion Ratio Lower Upper
91 100
106 33.0 26.5 39.7

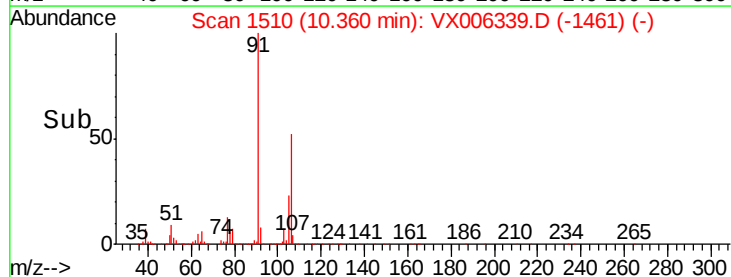
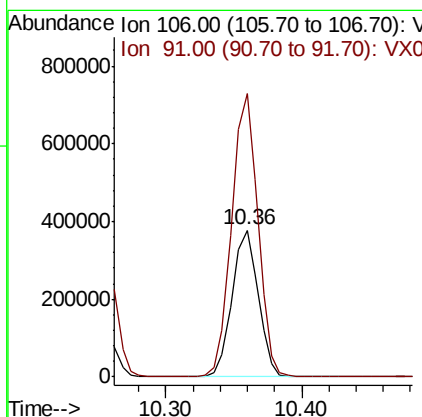
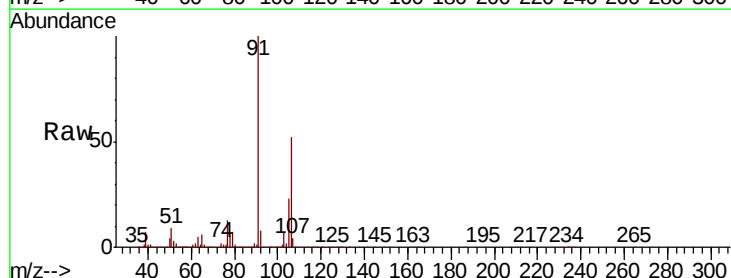
Manual Integrations
APPROVED

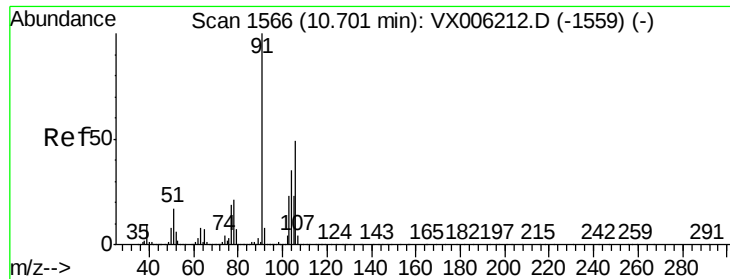
MMDadoda
12/10/2018 9:57:32 AM



#68
m/p-Xylenes
Concen: 39.932 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 106 Resp: 505103
Ion Ratio Lower Upper
106 100
91 193.6 155.2 232.8





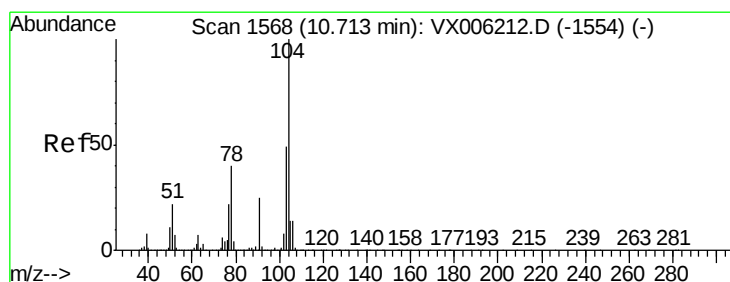
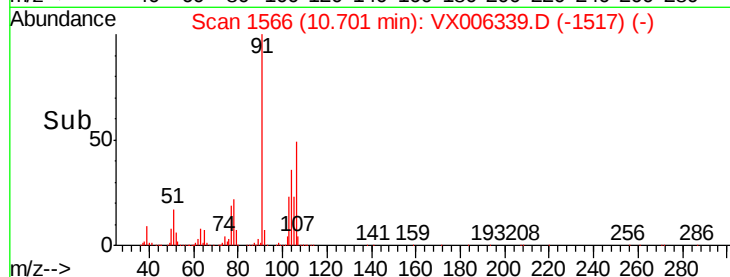
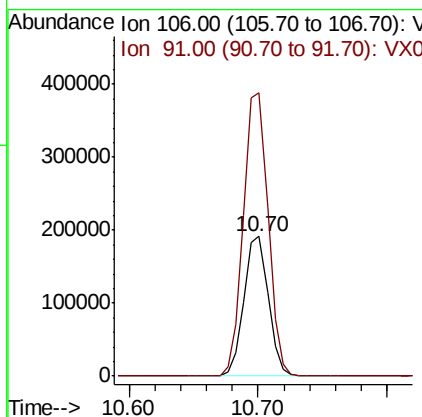
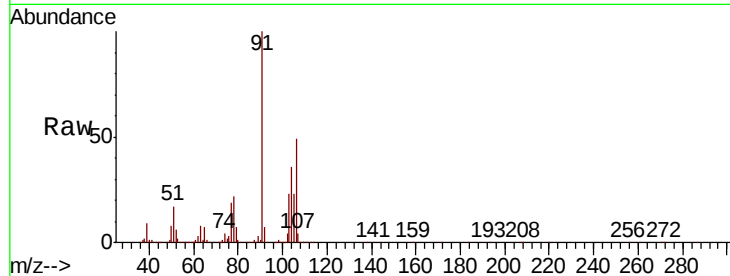
#69
o-Xylene
Concen: 19.963 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.2	101.8	305.6

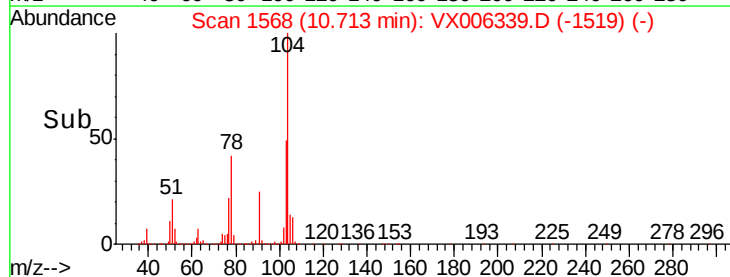
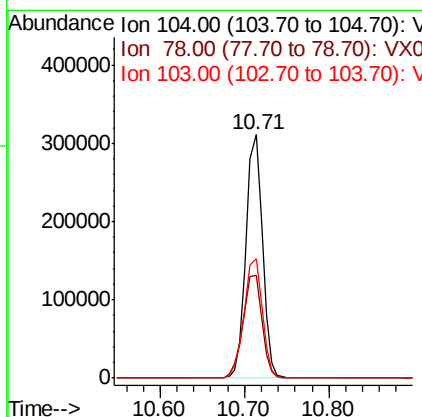
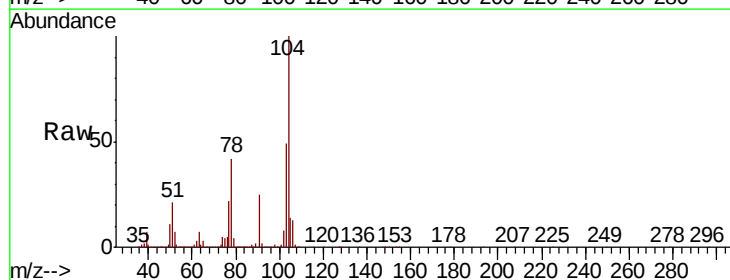
Manual Integrations
APPROVED

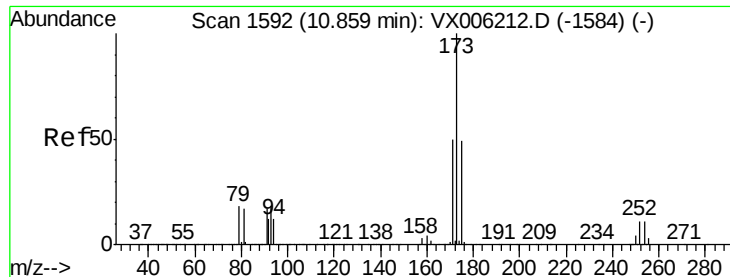
MMDadoda
12/10/2018 9:57:32 AM



#70
Styrene
Concen: 20.028 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	37.2	55.8
103	54.6	43.5	65.3





#71

Bromoform

Concen: 17.181 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion:173 Resp: 119638

Ion Ratio Lower Upper

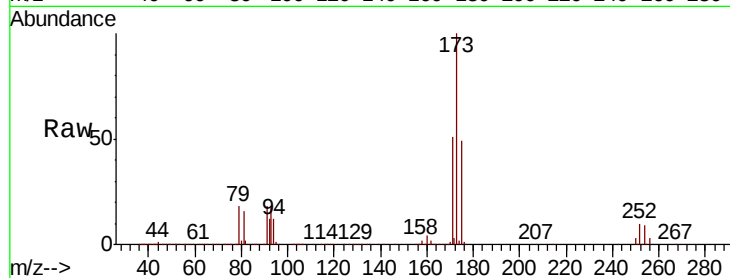
173 100

175 48.9 24.6 73.8

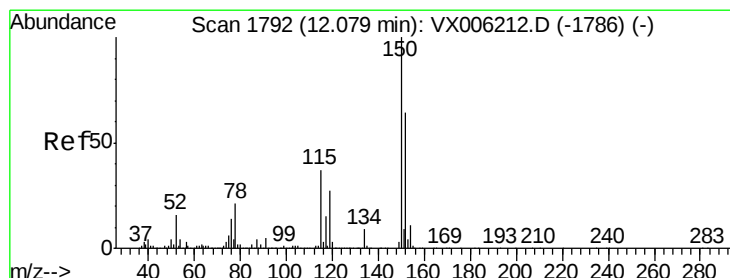
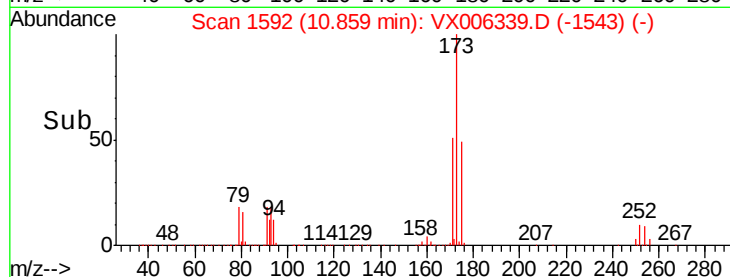
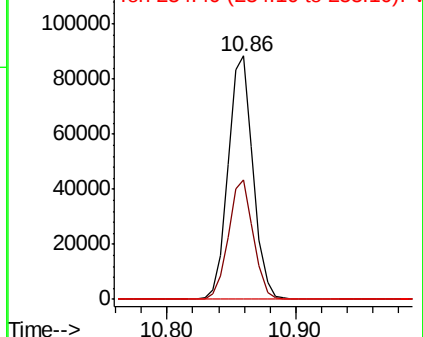
254 0.2 0.2 0.2

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

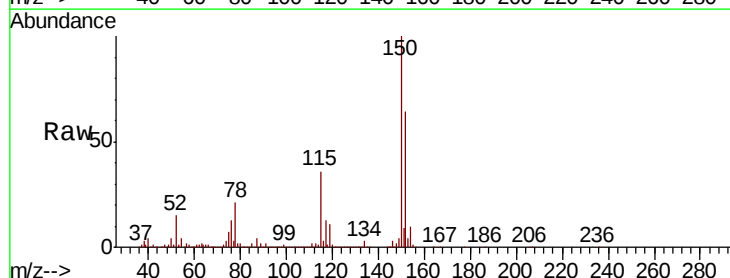
Tgt Ion:152 Resp: 464353

Ion Ratio Lower Upper

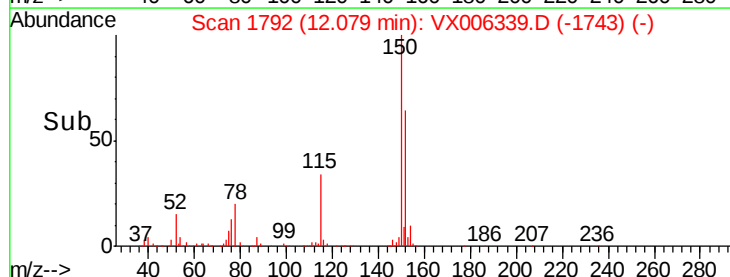
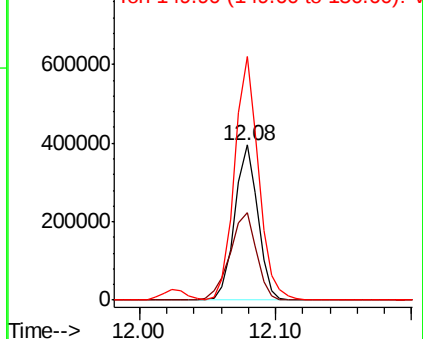
152 100

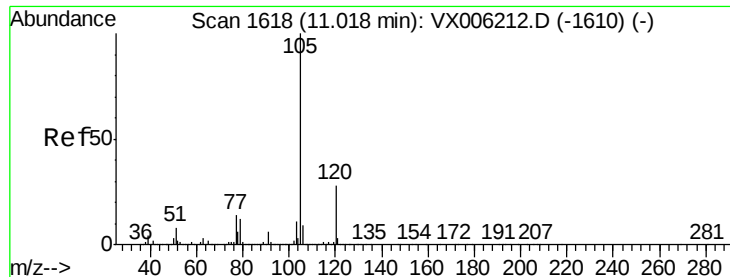
115 65.2 39.0 116.9

150 163.8 0.0 345.8



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: 20.682 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 105 Resp: 663229

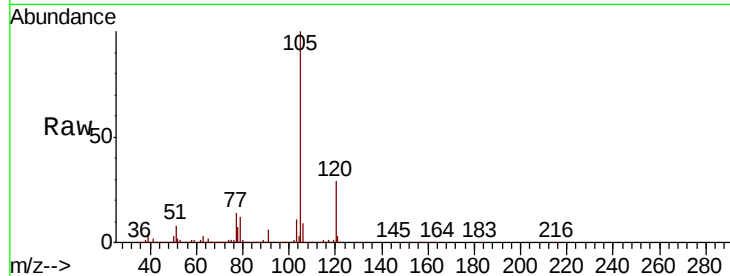
Ion Ratio Lower Upper

105 100

120 28.5 14.1 42.3

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

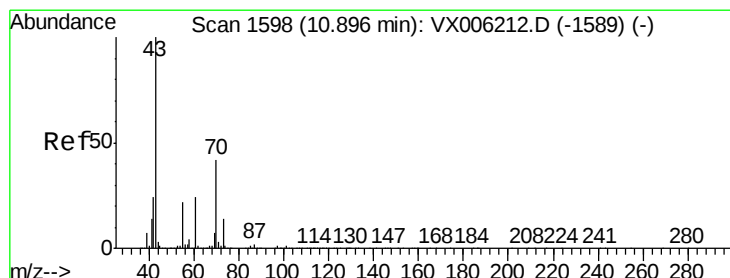
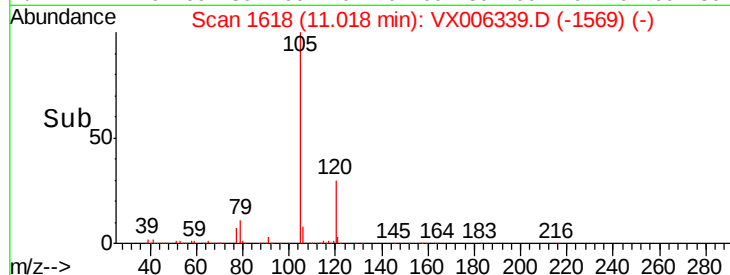
0

11.02

11.05

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.514 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion: 43 Resp: 255664

Ion Ratio Lower Upper

43 100

70 44.8 34.1 51.1

55 23.6 17.8 26.8

61 25.6 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

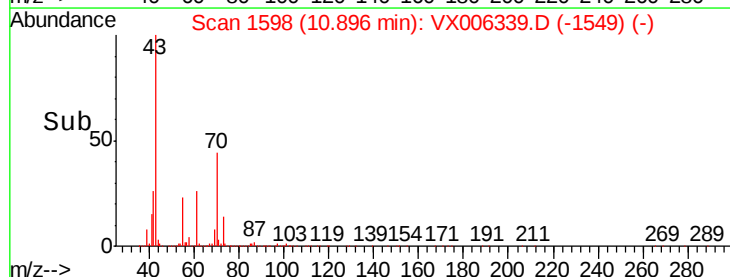
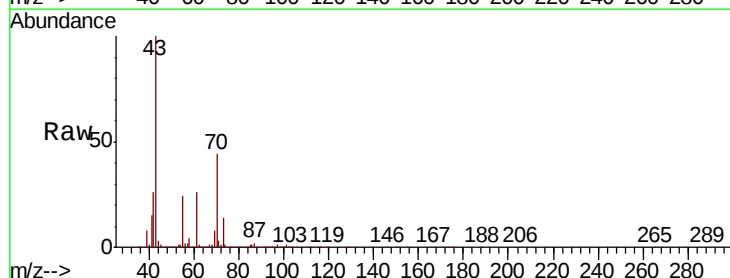
100000

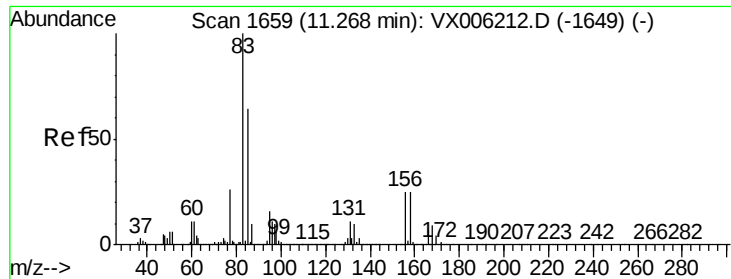
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.414 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

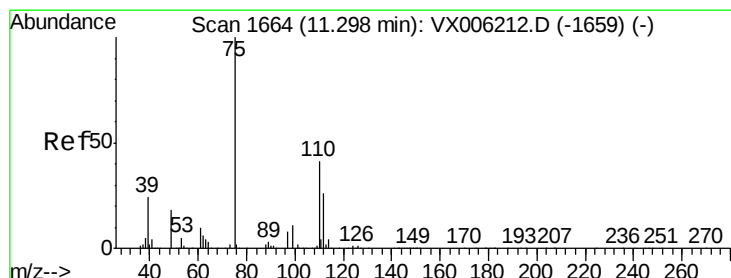
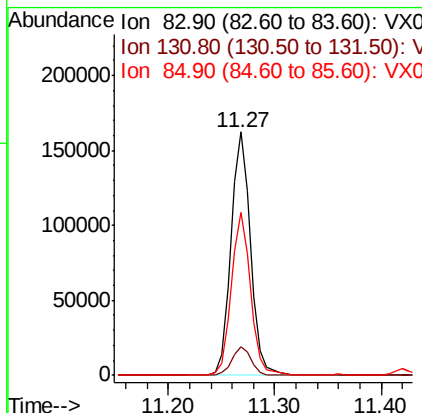
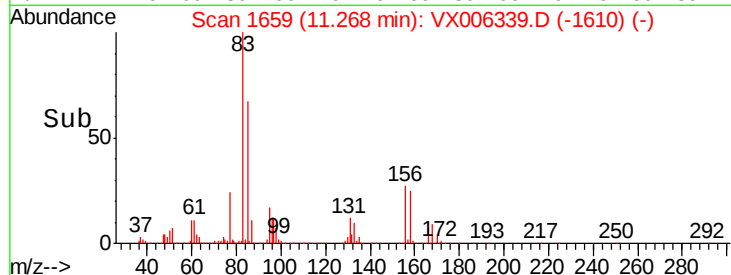
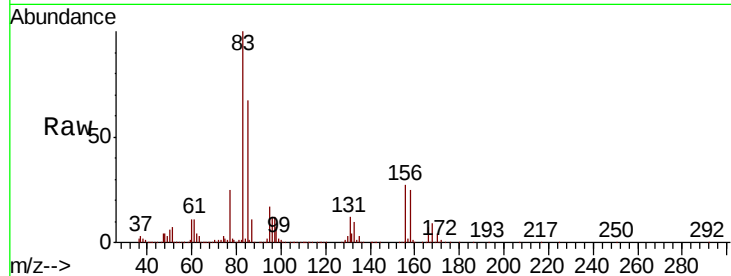
ClientSampleId :

VX1207MBS01

Tot Ion:	83	Resp:	209430
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.7	17.1
85	65.9	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#76

1,2,3-Trichloropropane

Concen: 21.704 ug/l m

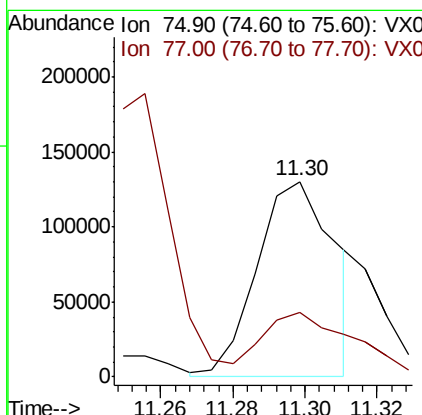
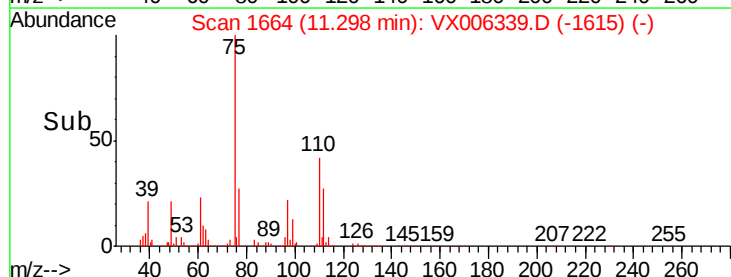
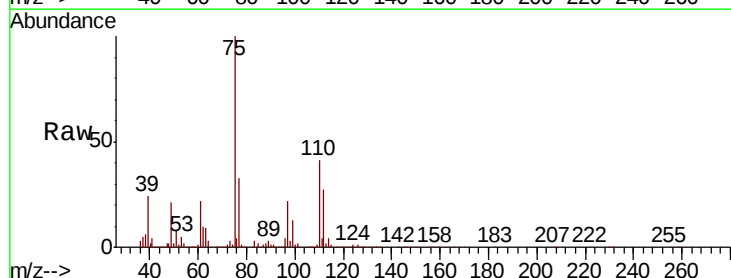
RT: 11.30 min Scan# 1664

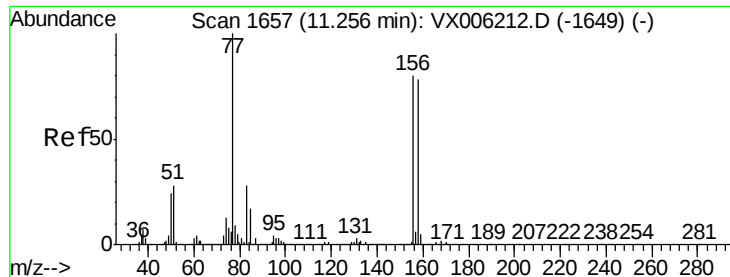
Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:	75	Resp:	194531
Ion Ratio	Lower	Upper	
75	100		
77	38.6	19.9	59.7





#77

Bromobenzene

Concen: 20.193 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 156 Resp: 179703

Ion Ratio Lower Upper

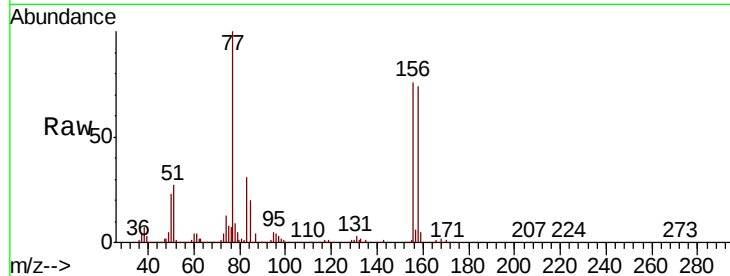
156 100

77 137.4 66.2 198.6

158 97.3 48.8 146.4

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 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

250000

200000

150000

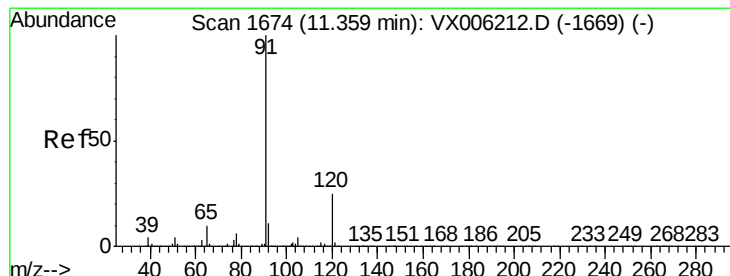
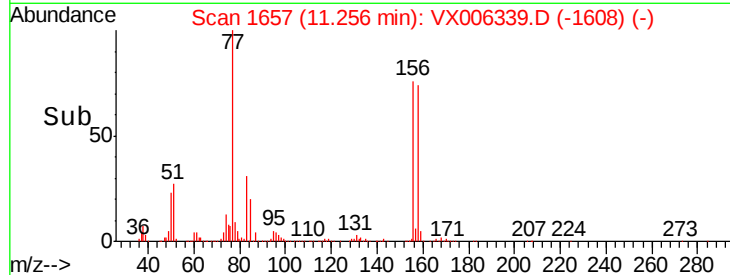
100000

50000

0

11.20 11.25 11.30

Time-->



#78

n-propylbenzene

Concen: 20.335 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006339.D

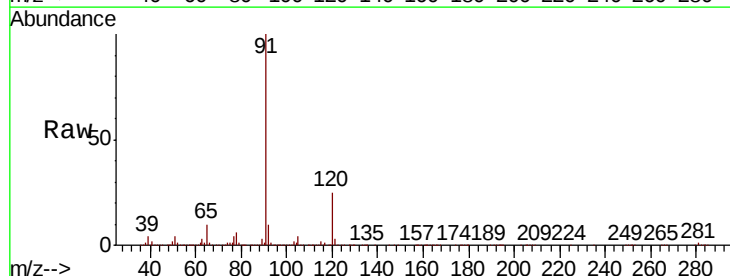
Acq: 07 Dec 2018 11:38

Tgt Ion: 91 Resp: 724861

Ion Ratio Lower Upper

91 100

120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

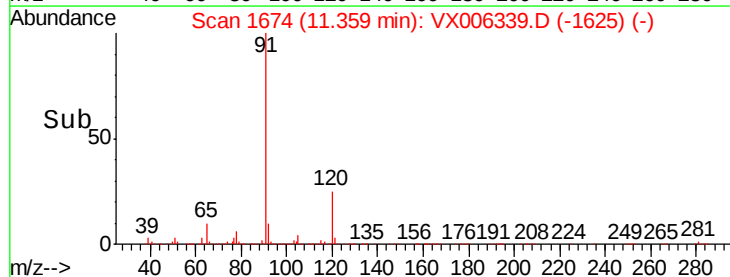
400000

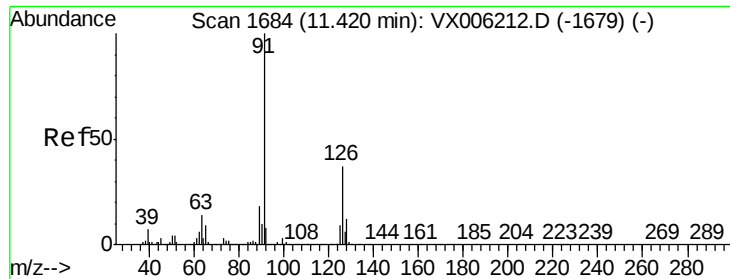
200000

0

11.30 11.35 11.40

Time-->





#79

2-Chlorotoluene

Concen: 20.698 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 91 Resp: 438530

Ion Ratio Lower Upper

91 100

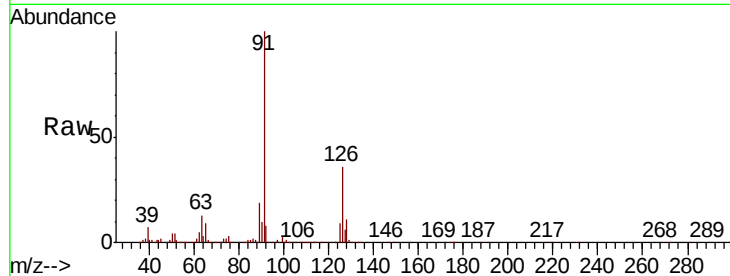
126 37.6 18.6 56.0

Manual Integrations

APPROVED

MMDadoda

12/10/2018 9:57:32 AM



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006212.D (-1679) (-)

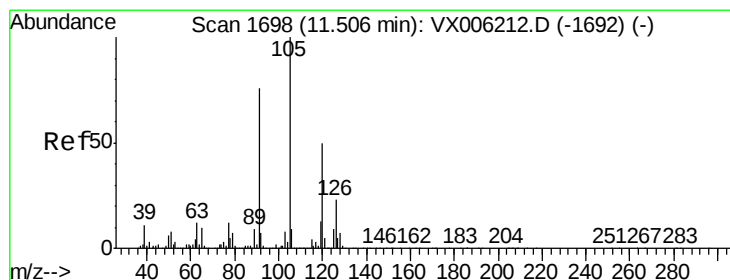
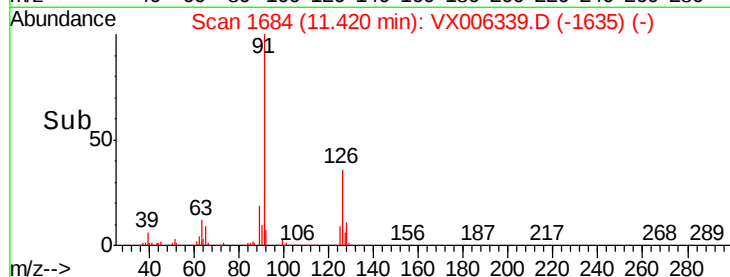
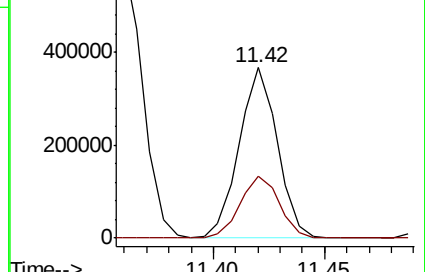
600000

400000

200000

0

11.40 11.42 11.45



#80

1,3,5-Trimethylbenzene

Concen: 20.549 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006339.D

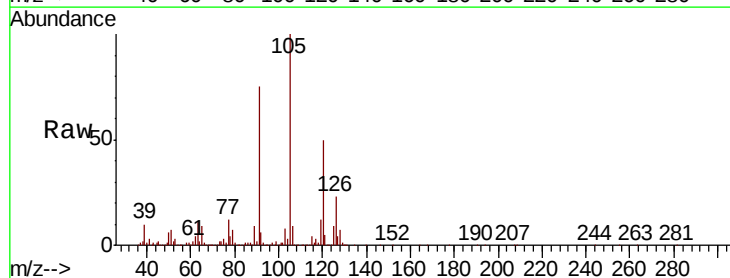
Acq: 07 Dec 2018 11:38

Tgt Ion: 105 Resp: 548270

Ion Ratio Lower Upper

105 100

120 49.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006212.D (-1692) (-)

500000

400000

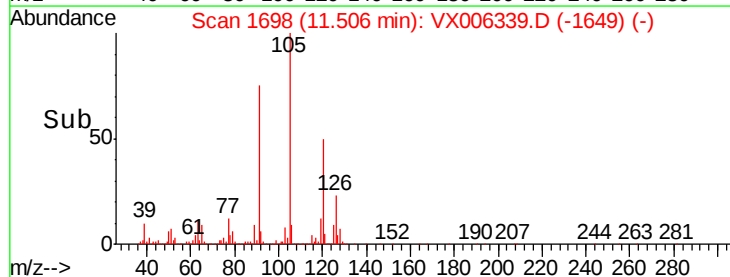
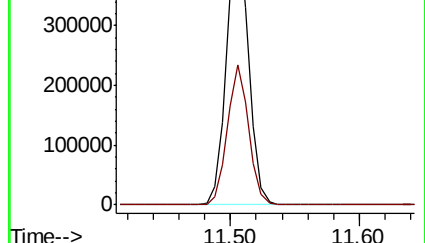
300000

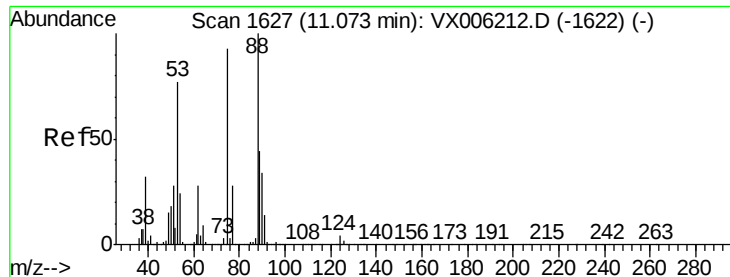
200000

100000

0

11.50 11.51 11.60





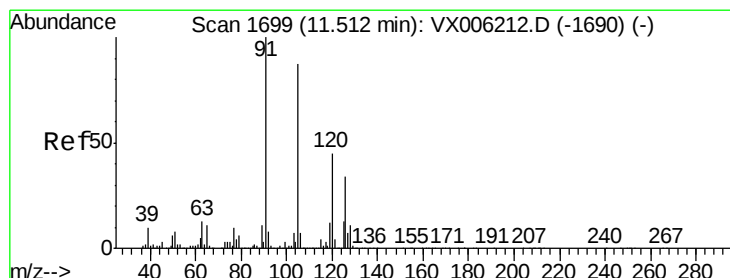
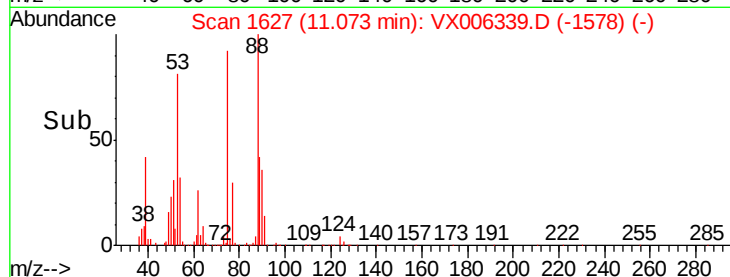
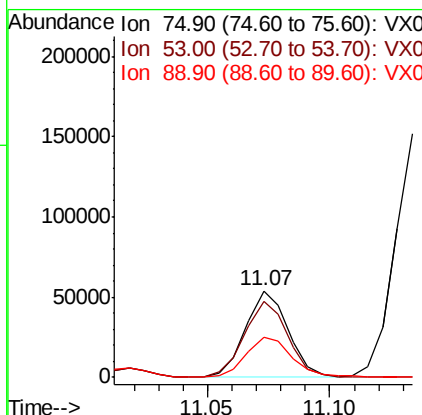
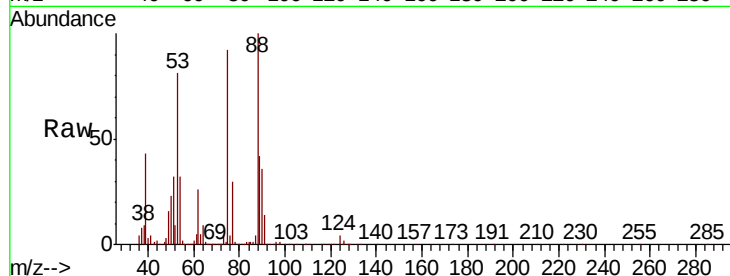
#81
trans-1,4-Dichloro-2-butene
Concen: 17.053 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.4	64.4	96.6
89	50.8	44.2	66.4

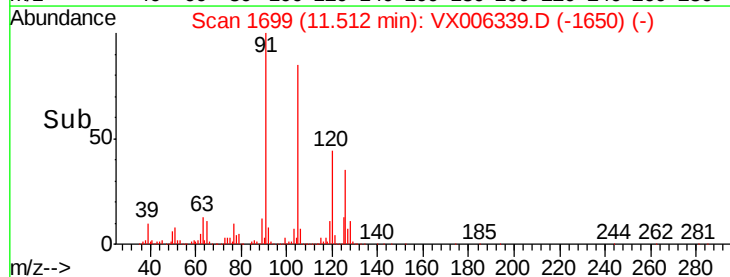
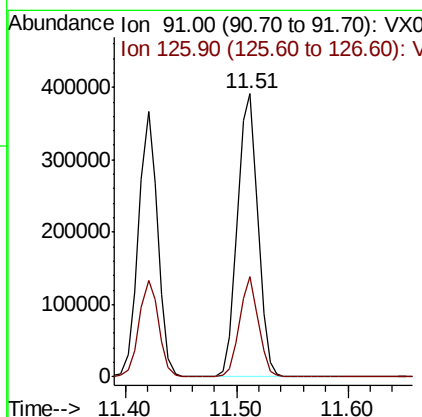
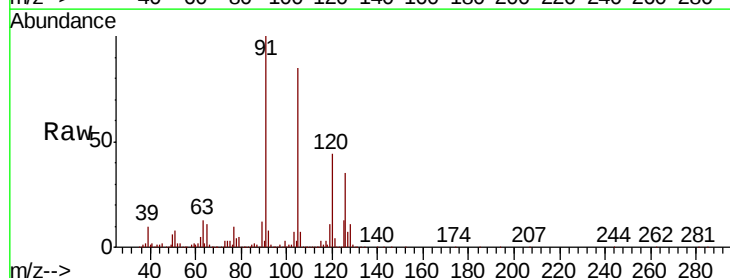
Manual Integrations
APPROVED

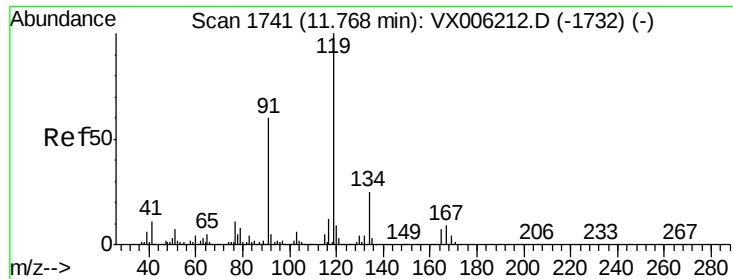
MMDadoda
12/10/2018 9:57:32 AM



#82
4-Chlorotoluene
Concen: 20.303 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4





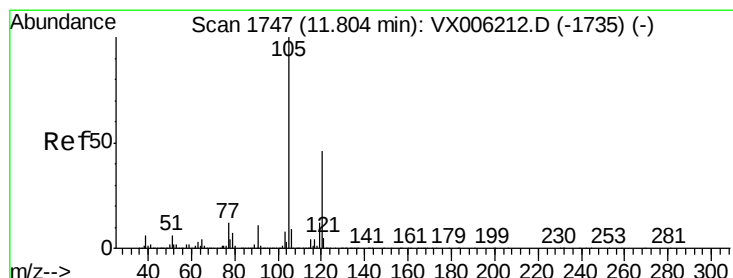
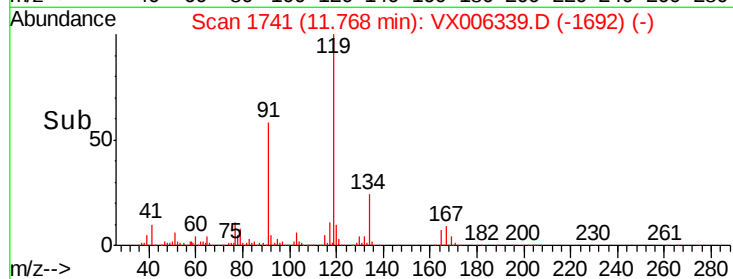
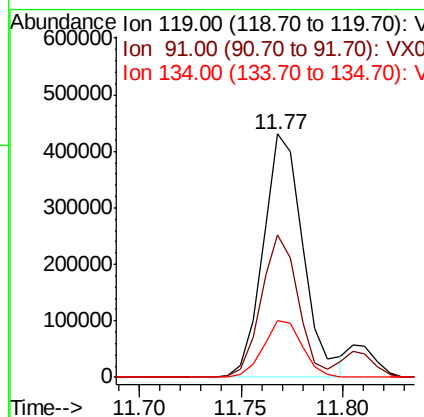
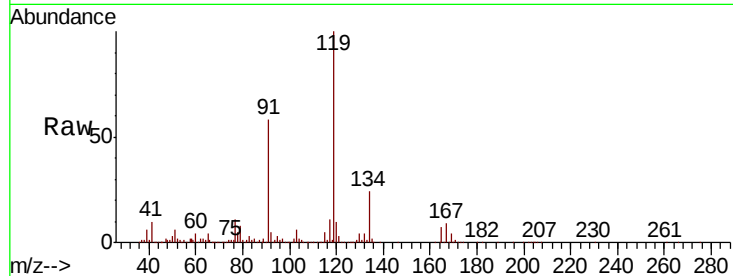
#83
tert-Butylbenzene
Concen: 20.661 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	26.4	79.2
134	22.8	11.6	34.7

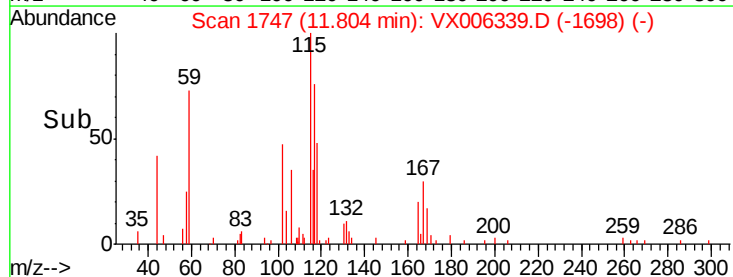
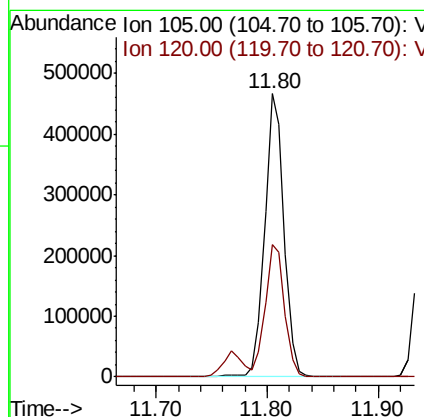
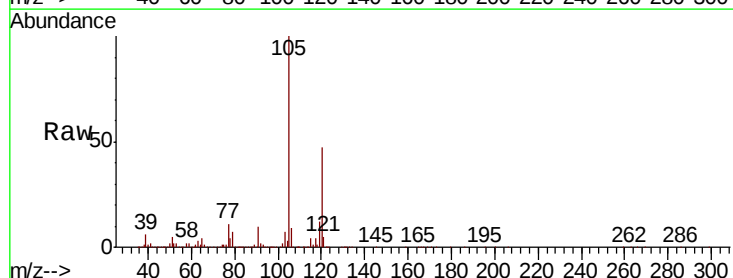
Manual Integrations
APPROVED

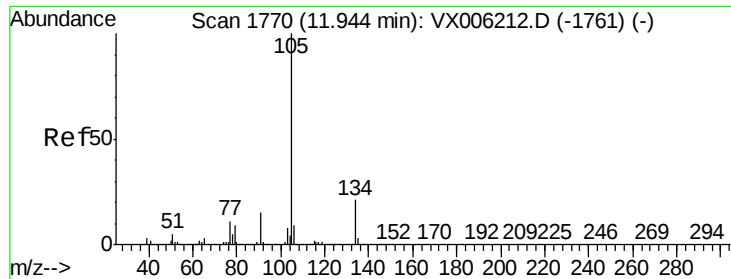
MMDadoda
12/10/2018 9:57:32 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.445 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.701 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion:105 Resp: 670411

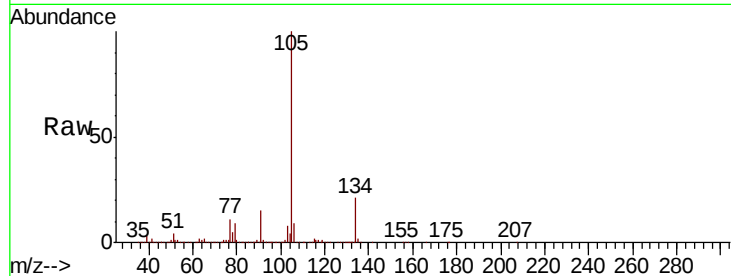
Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4

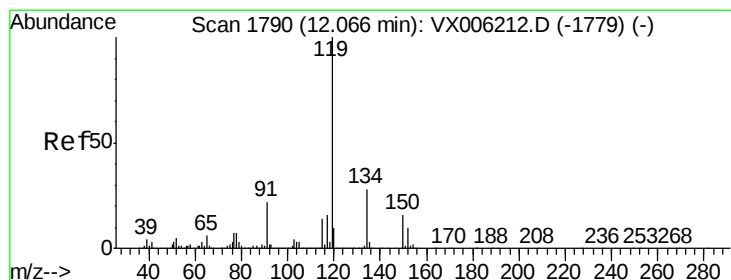
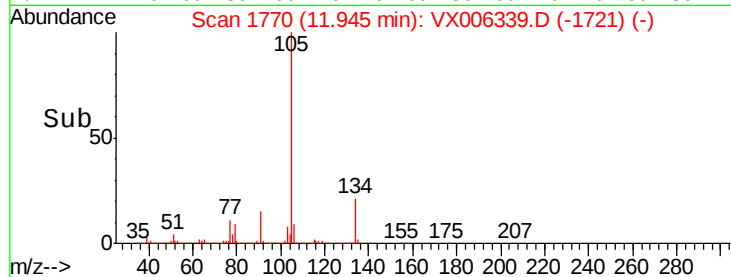
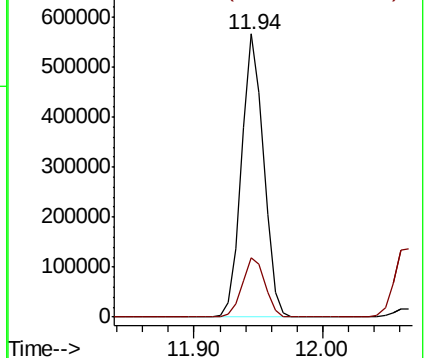
Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.471 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

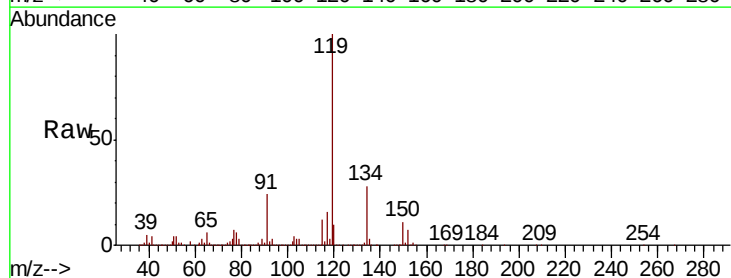
Tgt Ion:119 Resp: 596983

Ion Ratio Lower Upper

119 100

134 28.3 13.9 41.6

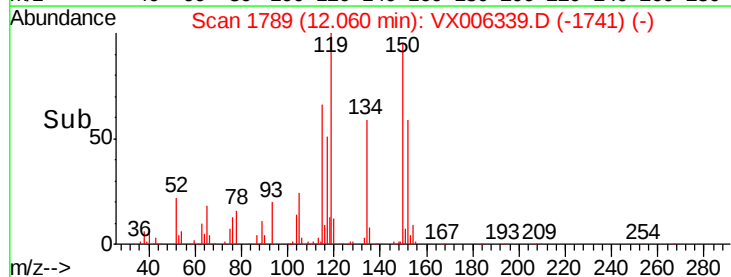
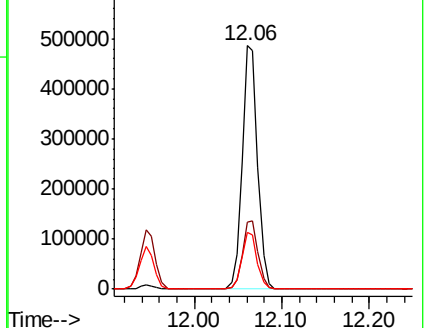
91 23.1 11.3 33.8

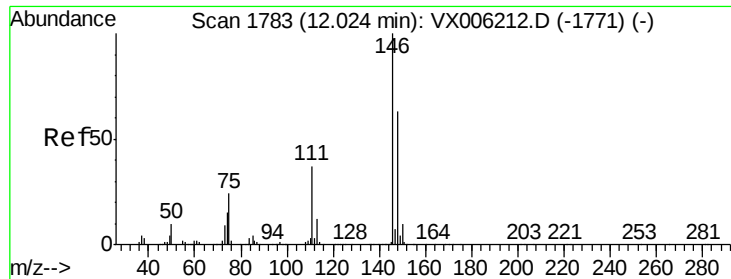


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





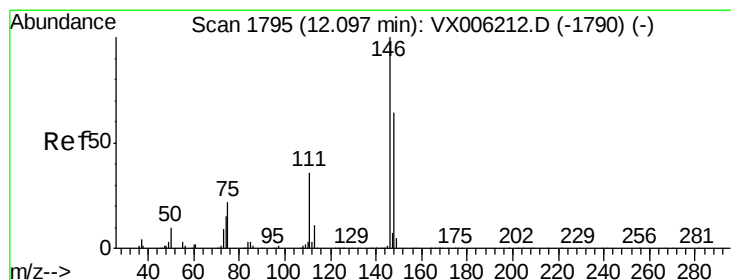
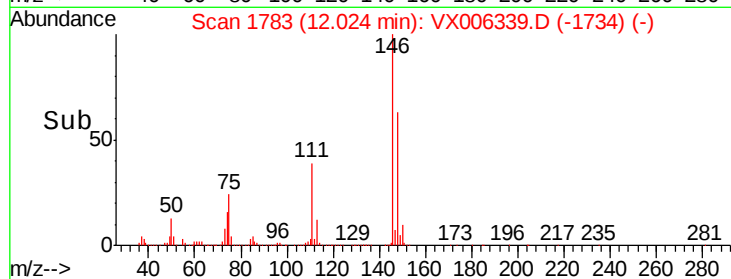
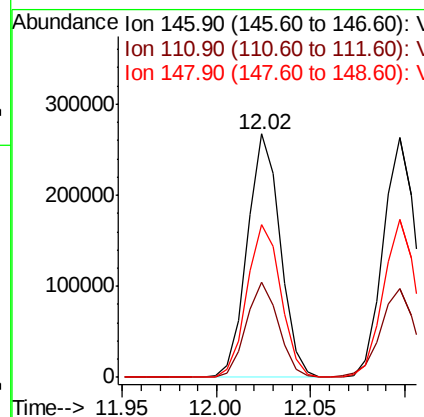
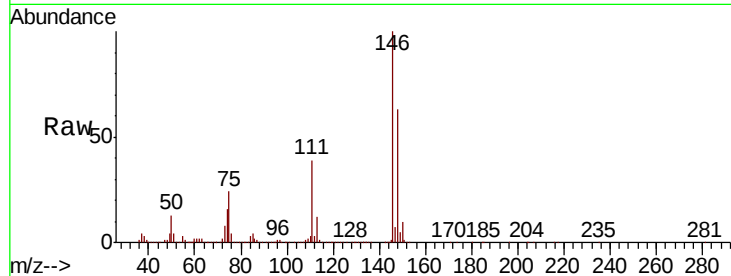
#87
 1,3-Dichlorobenzene
 Concen: 20.492 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.4	55.2
148	64.5	32.0	96.0

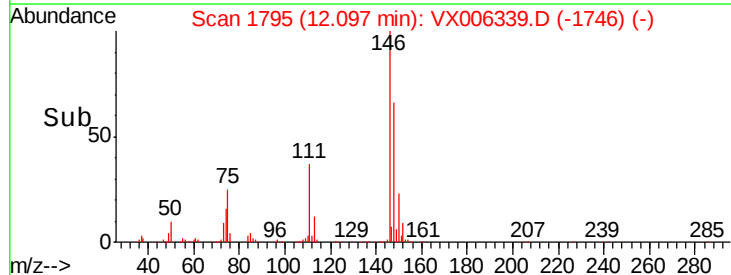
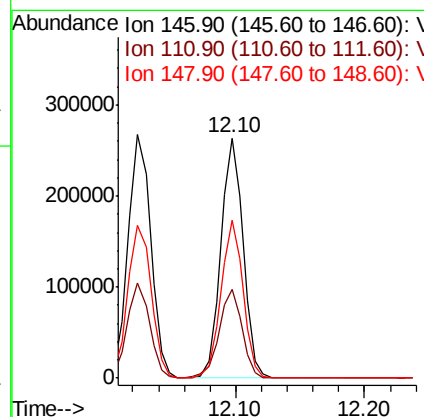
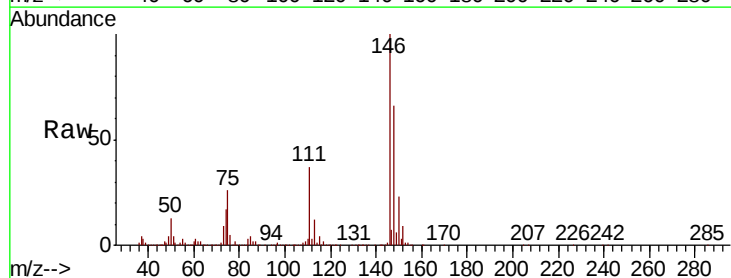
Manual Integrations
 APPROVED

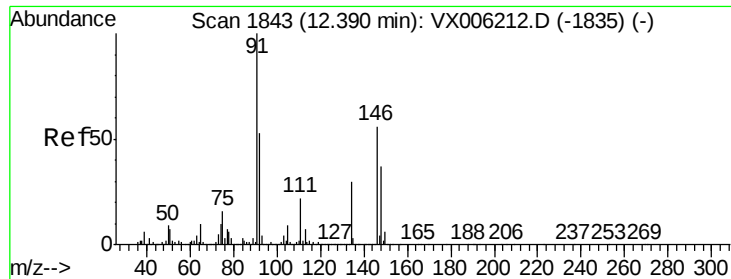
MMDadoda
 12/10/2018 9:57:32 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.979 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.3	54.8
148	65.3	31.9	95.9





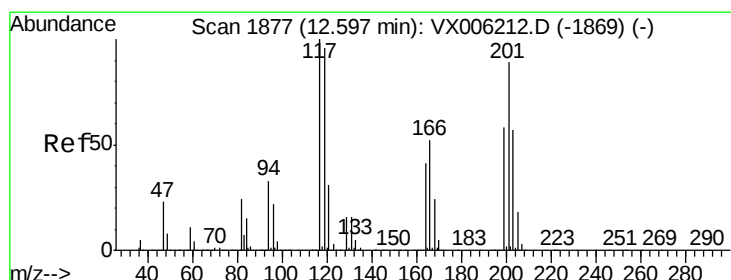
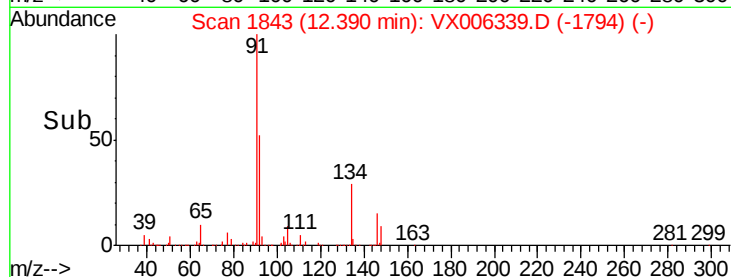
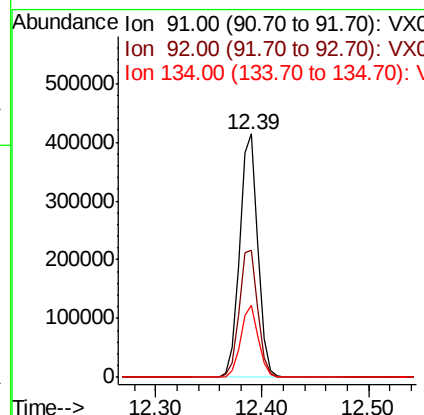
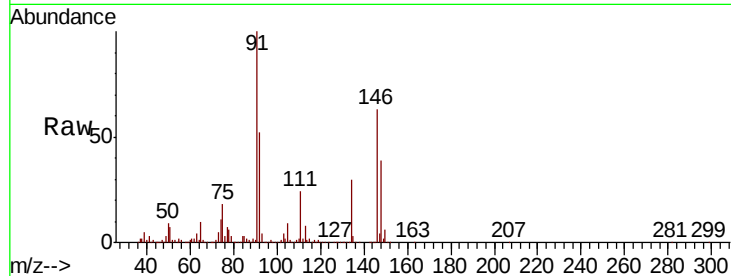
#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	493910		
92	53.7	26.6	79.8	
134	28.8	14.8	44.3	

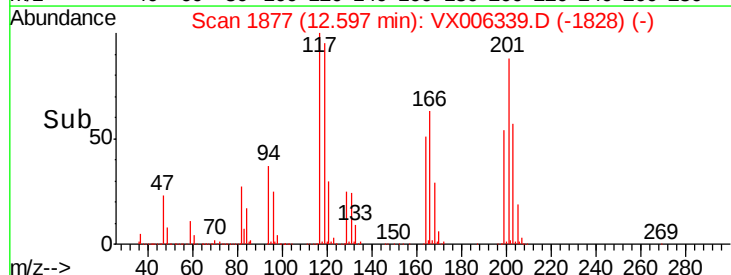
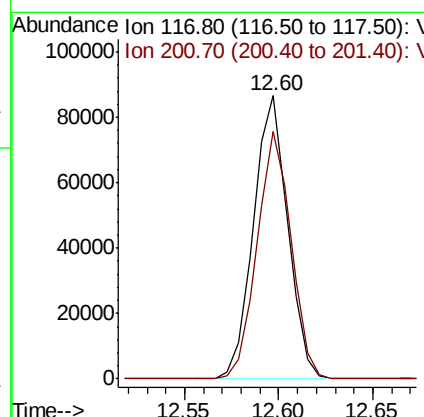
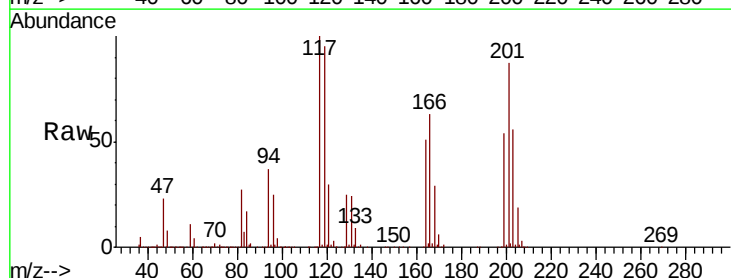
Manual Integrations
APPROVED

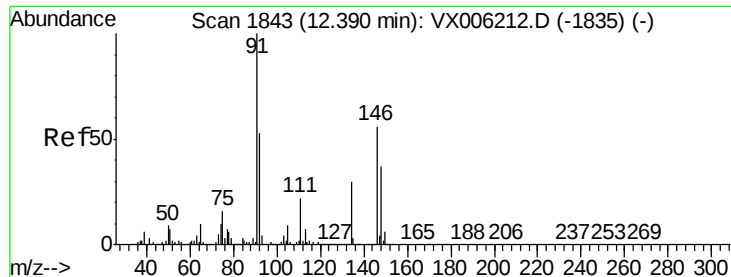
MMDadoda
12/10/2018 9:57:32 AM



#90
Hexachloroethane
Concen: 18.357 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	109109		
201	86.7	44.7	134.1	





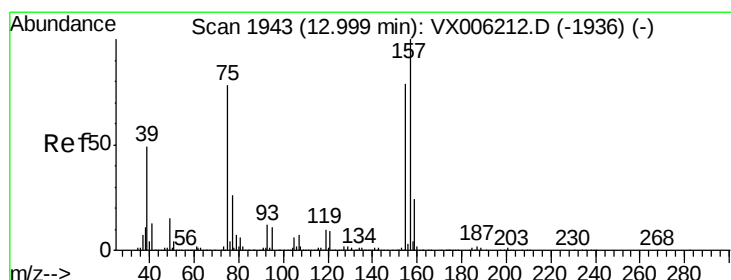
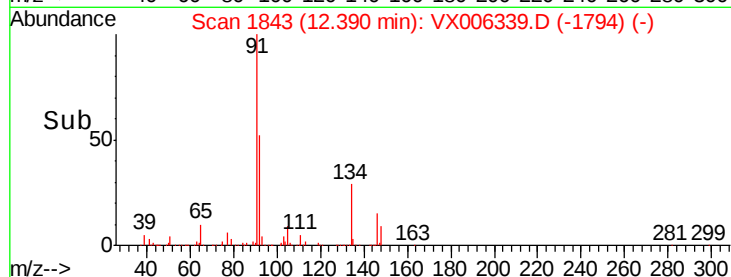
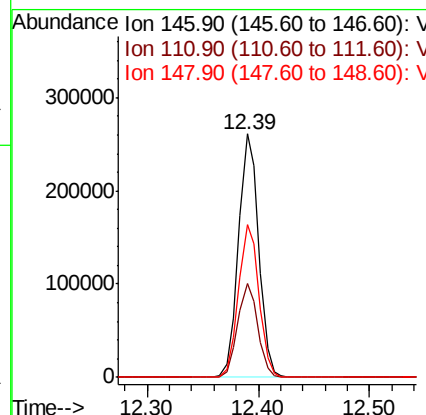
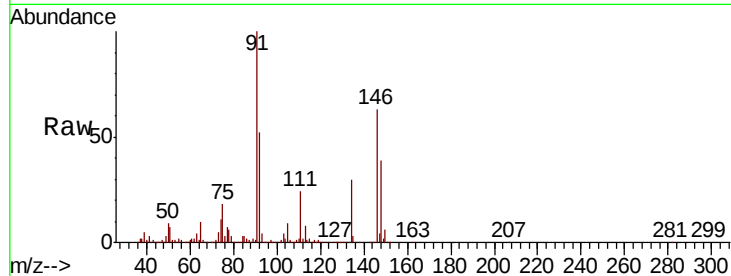
#91
 1,2-Dichlorobenzene
 Concen: 20.716 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	63.7	32.1	96.3

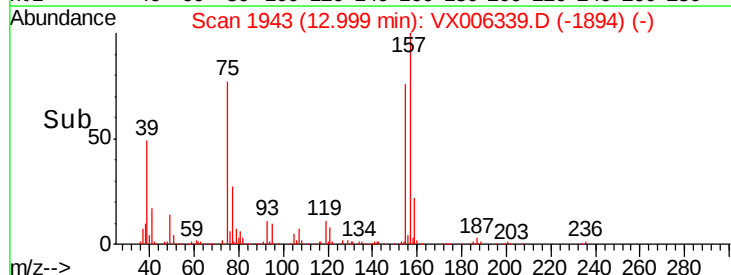
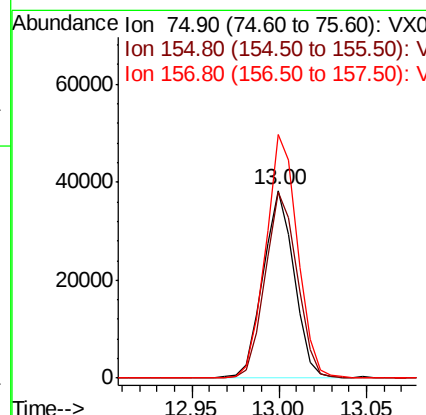
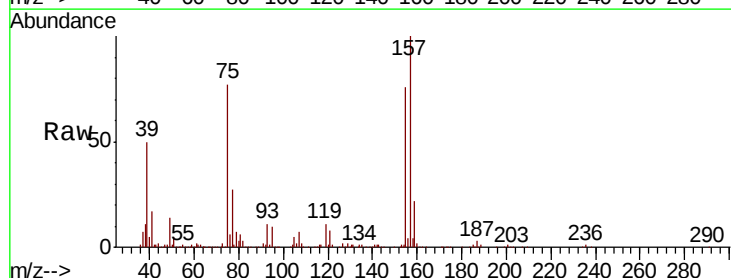
Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:32 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.968 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.3	53.4	160.3
157	133.2	68.0	203.8





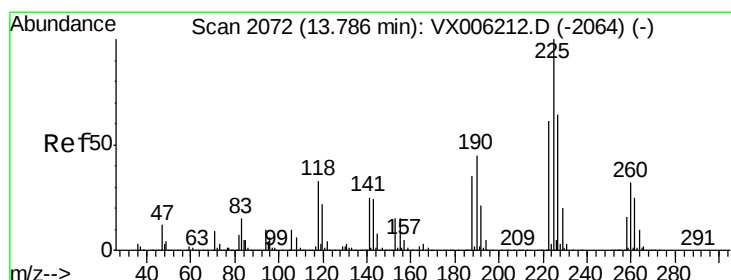
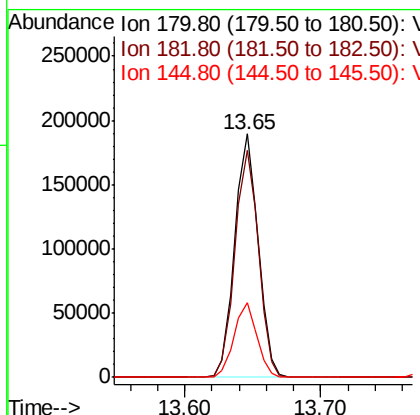
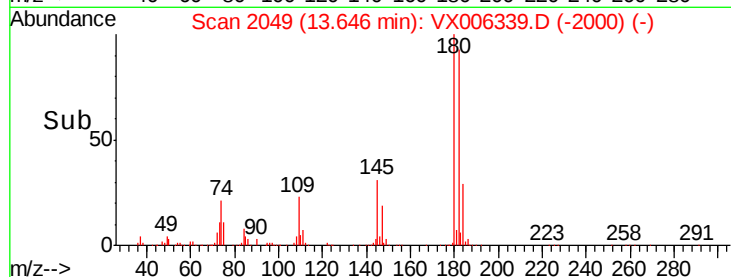
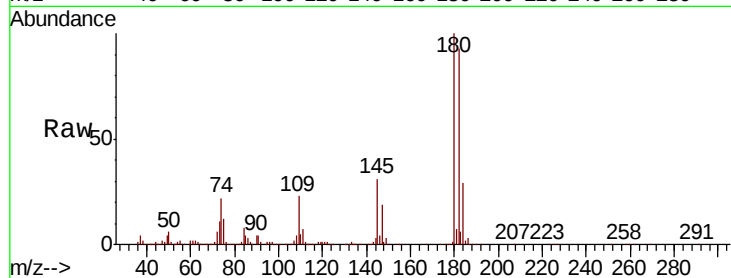
#93
 1,2,4-Trichlorobenzene
 Concen: 19.828 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.9
145	30.0	14.6	43.8

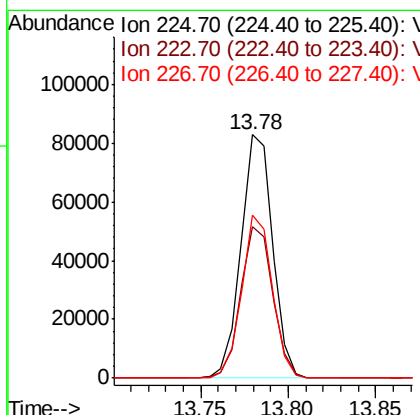
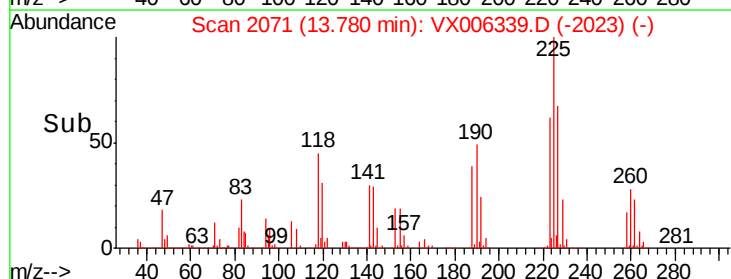
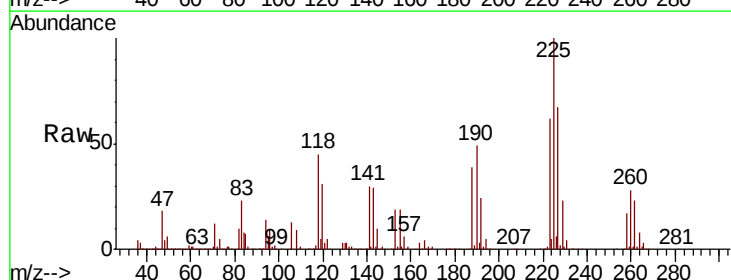
Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:32 AM



#94
 Hexachlorobutadiene
 Concen: 20.586 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.2	93.6
227	64.8	31.9	95.5





#95

Naphthalene

Concen: 20.265 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

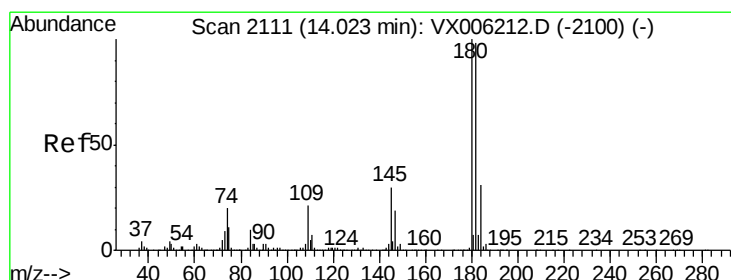
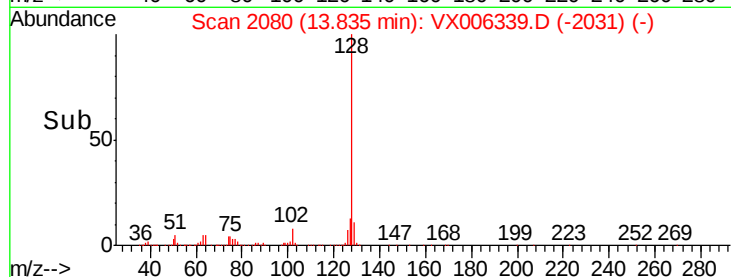
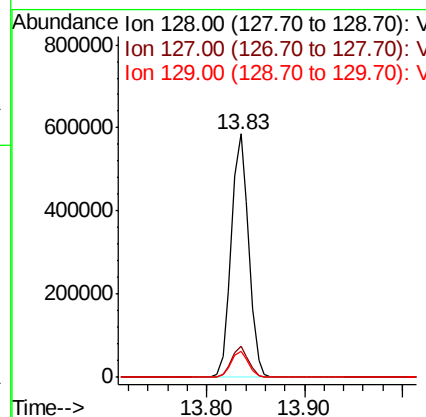
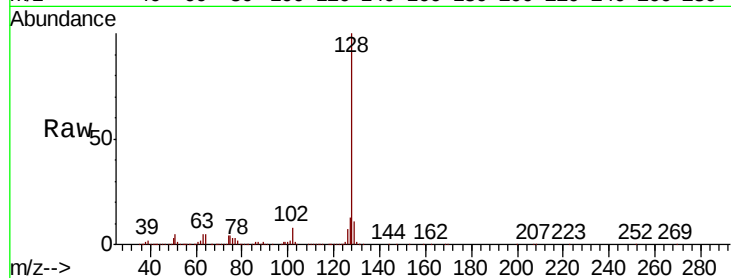
ClientSampleId :

VX1207MBS01

Tot Ion:	128	Resp:	722755
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:32 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.682 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:	180	Resp:	223521
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.4	145.2
145	32.0	15.6	46.8

