

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006240.D
 Acq On : 30 Nov 2018 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:44 AM

Quant Time: Dec 01 00:29:25 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	5.67	168	749358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1120942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1022538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	524164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	378186	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	5.51	113	359903	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	1300760	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.14	95	491885	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	383351	52.247	ug/l	99
3) Chloromethane	1.33	50	366207	48.569	ug/l	97
4) Vinyl Chloride	1.41	62	405741	49.999	ug/l	99
5) Bromomethane	1.64	94	276000	49.076	ug/l	97
6) Chloroethane	1.72	64	261589	52.574	ug/l	99
7) Trichlorofluoromethane	1.93	101	610255	48.990	ug/l	99
8) Diethyl Ether	2.19	74	228650	48.500	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	340034	48.006	ug/l	100
10) Methyl Iodide	2.51	142	545235	51.078	ug/l	100
11) Tert butyl alcohol	3.07	59	488059	233.294	ug/l	100
12) 1,1-Dichloroethene	2.37	96	323684	47.736	ug/l	97
13) Acrolein	2.30	56	246130	215.256	ug/l	99
14) Allyl chloride	2.73	41	636196	47.497	ug/l	100
15) Acrylonitrile	3.15	53	1052130	241.007	ug/l	100
16) Acetone	2.45	43	885298	246.603	ug/l	100
17) Carbon Disulfide	2.57	76	988924	47.330	ug/l	98
18) Methyl Acetate	2.78	43	587050	48.898	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1178490	48.720	ug/l	100
20) Methylene Chloride	2.86	84	360921	47.239	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	347951	48.153	ug/l	96
22) Diisopropyl ether	3.87	45	1038683	49.646	ug/l	99
23) Vinyl Acetate	3.82	43	4436383	248.615	ug/l	100
24) 1,1-Dichloroethane	3.70	63	608220	50.862	ug/l	99
25) 2-Butanone	4.70	43	1273506	248.616	ug/l	100
26) 2,2-Dichloropropane	4.59	77	502335	45.517	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	401408	49.802	ug/l	98
28) Bromochloromethane	5.03	49	268467	51.398	ug/l	99
29) Tetrahydrofuran	5.15	42	860589	241.735	ug/l	99
30) Chloroform	5.22	83	622949	49.572	ug/l	97
31) Cyclohexane	5.57	56	528665	47.837	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	589414	49.296	ug/l	100
36) 1,1-Dichloropropene	5.80	75	458165	48.537	ug/l	100
37) Ethyl Acetate	4.85	43	503058	47.589	ug/l	99
38) Carbon Tetrachloride	5.78	117	549032	49.441	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX113018\
 Data File : VX006240.D
 Acq On : 30 Nov 2018 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:44 AM

Quant Time: Dec 01 00:29:25 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	586116	47.835	ug/l	100
40) Benzene	6.14	78	1398906	49.480	ug/l	99
41) Methacrylonitrile	5.06	41	275845	47.423	ug/l	99
42) 1,2-Dichloroethane	6.20	62	461784	49.907	ug/l	100
43) Isopropyl Acetate	6.46	43	843195	47.841	ug/l	99
44) Trichloroethene	7.21	130	425405	49.669	ug/l	97
45) 1,2-Dichloropropane	7.51	63	353754	49.232	ug/l	99
46) Dibromomethane	7.66	93	257189	49.560	ug/l	99
47) Bromodichloromethane	7.90	83	498897	49.644	ug/l	99
48) Methyl methacrylate	7.77	41	418208	48.775	ug/l	99
49) 1,4-Dioxane	7.75	88	202123	956.450	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2479613	241.672	ug/l	99
52) Toluene	8.79	92	917273	49.315	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	566149	48.171	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	592220	48.526	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	380949	50.414	ug/l	99
56) Ethyl methacrylate	9.18	69	581122	49.193	ug/l	99
57) 1,3-Dichloropropane	9.37	76	598163	50.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1435620	239.487	ug/l	100
59) 2-Hexanone	9.49	43	1863410	237.715	ug/l	100
60) Dibromochloromethane	9.59	129	460700	49.443	ug/l	99
61) 1,2-Dibromoethane	9.67	107	418277	49.505	ug/l	99
64) Tetrachloroethene	9.34	164	394160	51.185	ug/l	96
65) Chlorobenzene	10.14	112	1069795	49.285	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	418852	49.664	ug/l	100
67) Ethyl Benzene	10.25	91	1767041	48.946	ug/l	99
68) m/p-Xylenes	10.36	106	1406281	97.244	ug/l	99
69) o-Xylene	10.70	106	690218	48.320	ug/l	98
70) Styrene	10.71	104	1132134	49.004	ug/l	99
71) Bromoform	10.86	173	390636	49.067	ug/l	99
73) Isopropylbenzene	11.02	105	1823580	50.378	ug/l	100
74) N-amyl acetate	10.90	43	744400	47.756	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	569067	49.140	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	444148m	43.900	ug/l	
77) Bromobenzene	11.26	156	504466	50.218	ug/l	99
78) n-propylbenzene	11.36	91	2026849	50.372	ug/l	100
79) 2-Chlorotoluene	11.42	91	1196664	50.037	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1505985	50.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	205696	47.712	ug/l	95
82) 4-Chlorotoluene	11.51	91	1382109	49.706	ug/l	100
83) tert-Butylbenzene	11.77	119	1601690	49.843	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1537558	49.440	ug/l	100
85) sec-Butylbenzene	11.94	105	1841228	50.365	ug/l	100
86) p-Isopropyltoluene	12.07	119	1643746	49.933	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	886849	49.615	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	877011	48.340	ug/l	99
89) n-Butylbenzene	12.39	91	1393955	49.628	ug/l	100
90) Hexachloroethane	12.60	117	335186	49.959	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	874012	49.268	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	138418	46.628	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
Data File : VX006240.D
Acq On : 30 Nov 2018 19:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

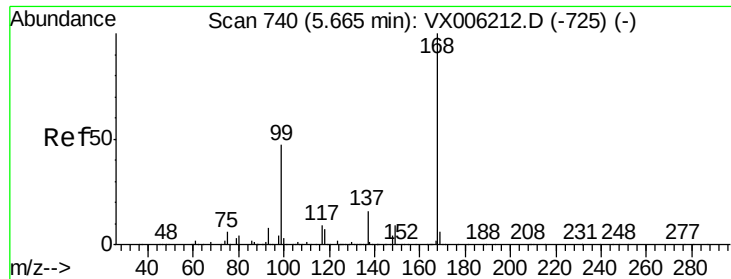
Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM

Quant Time: Dec 01 00:29:25 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	643284	49.703	ug/l	100
94) Hexachlorobutadiene	13.78	225	288204	50.353	ug/l	98
95) Naphthalene	13.83	128	1997450	49.615	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	640512	49.965	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 749358

Ion Ratio Lower Upper

168 100

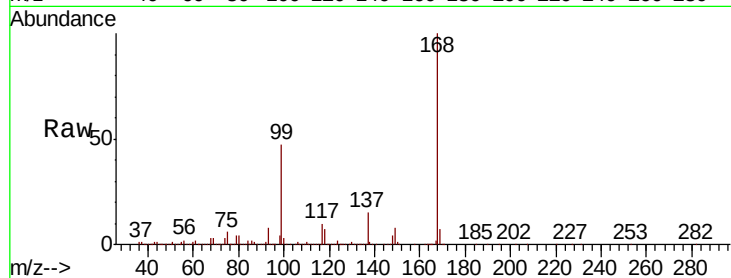
99 47.1 37.8 56.8

Manual Integrations

APPROVED

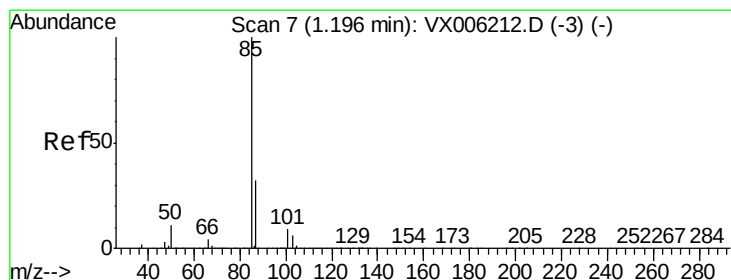
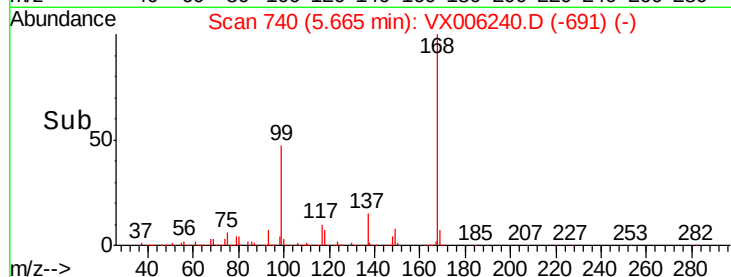
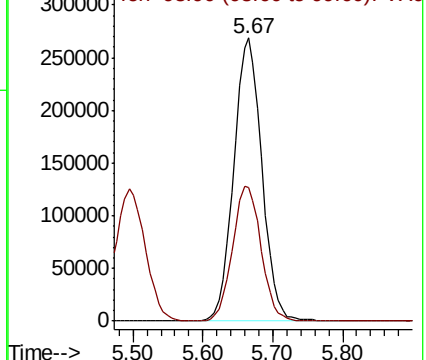
MMDadoda

12/3/2018 11:59:44 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.247 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006240.D

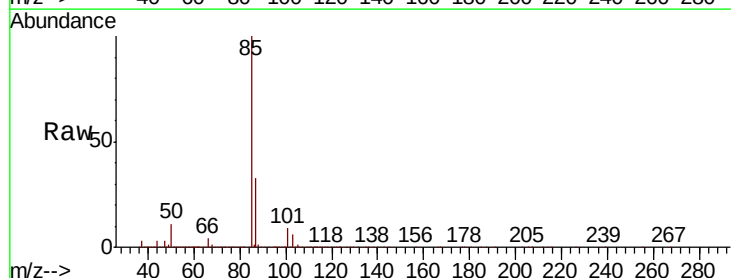
Acq: 30 Nov 2018 19:36

Tgt Ion: 85 Resp: 383351

Ion Ratio Lower Upper

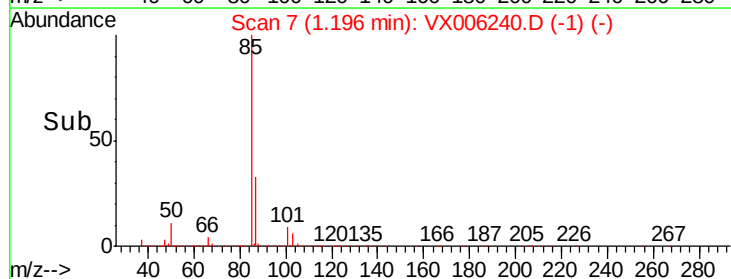
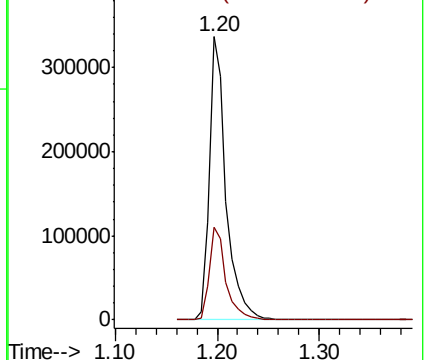
85 100

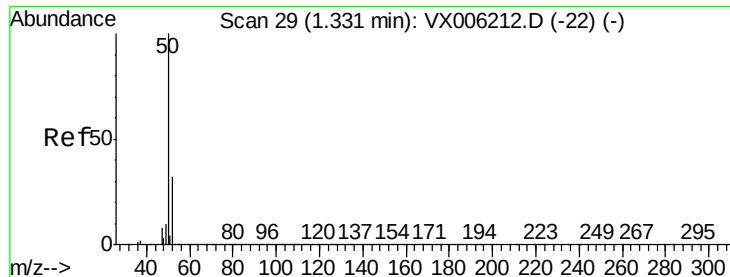
87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.569 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 366207

Ion Ratio Lower Upper

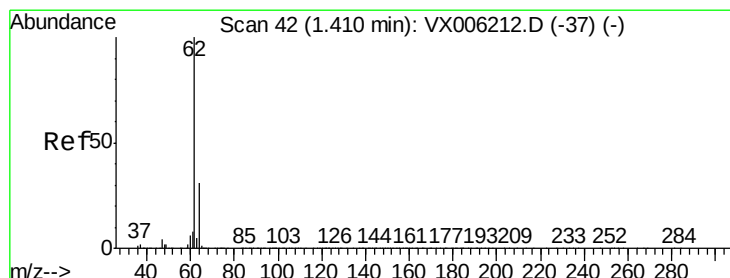
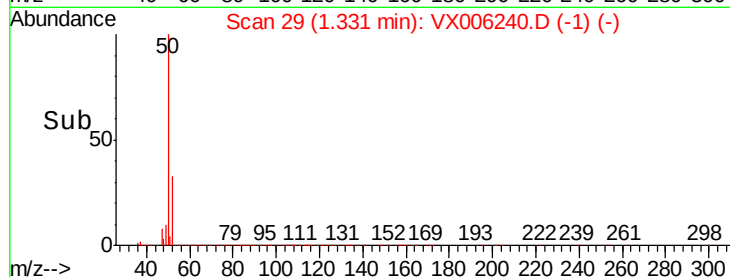
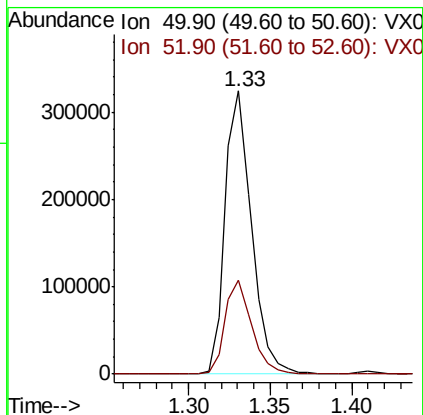
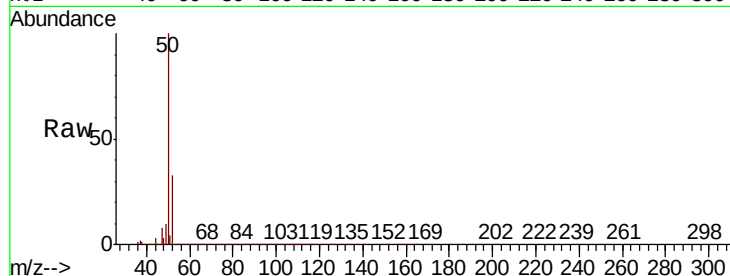
50 100

52 33.2 25.2 37.8

Manual Integrations
APPROVED

MMDadoda

12/3/2018 11:59:44 AM



#4

Vinyl Chloride

Concen: 49.999 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006240.D

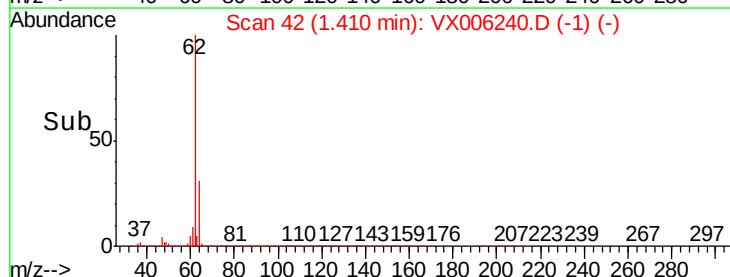
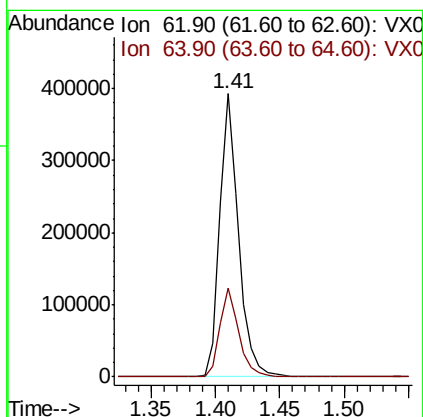
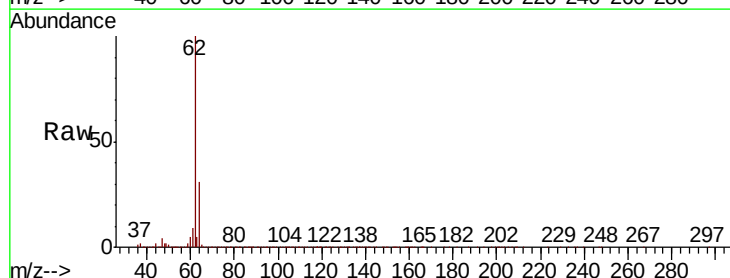
Acq: 30 Nov 2018 19:36

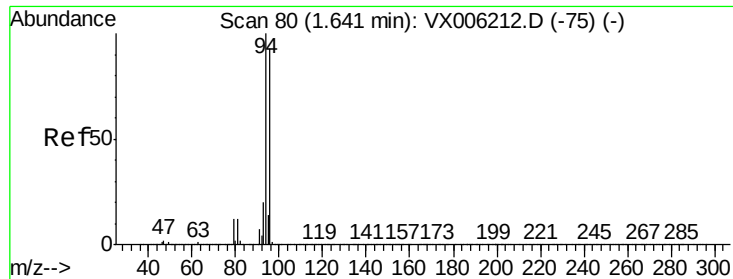
Tgt Ion: 62 Resp: 405741

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3





#5

Bromomethane

Concen: 49.076 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 276000

Ion Ratio Lower Upper

94 100

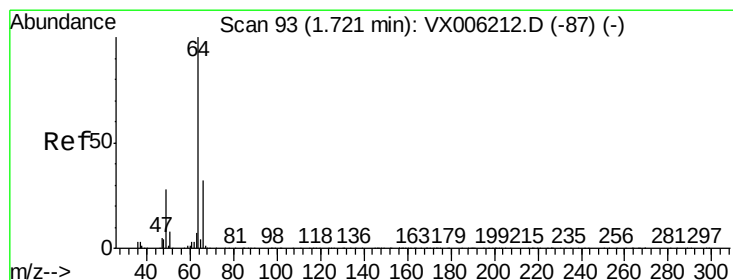
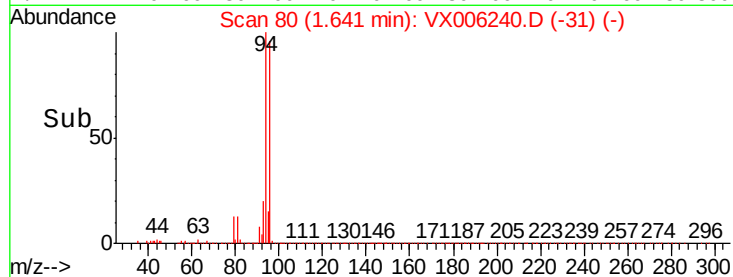
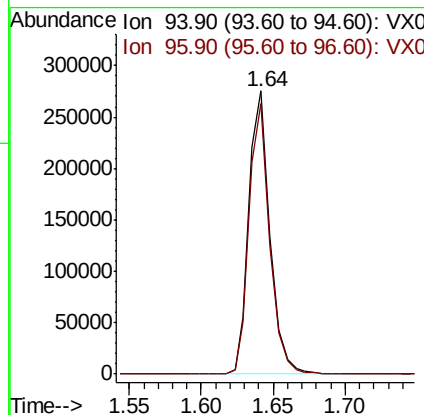
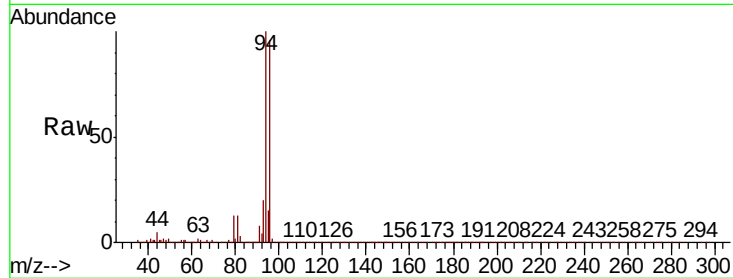
96 95.5 74.5 111.7

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:44 AM



#6

Chloroethane

Concen: 52.574 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006240.D

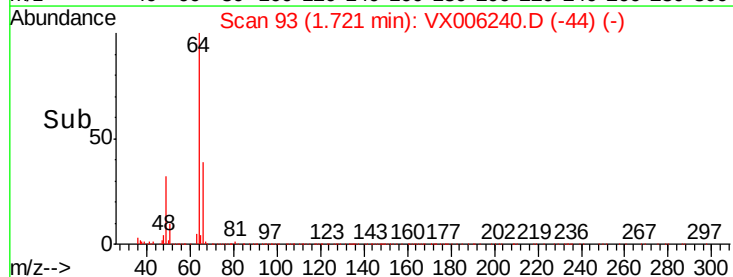
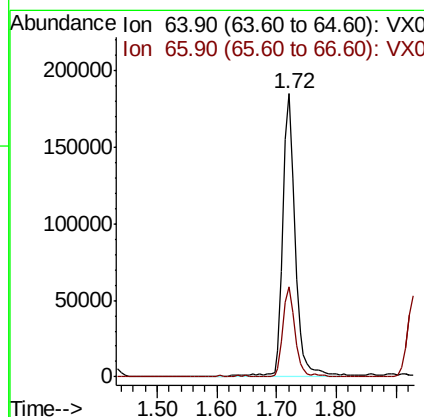
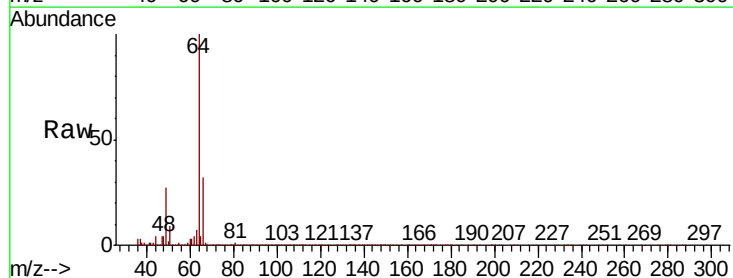
Acq: 30 Nov 2018 19:36

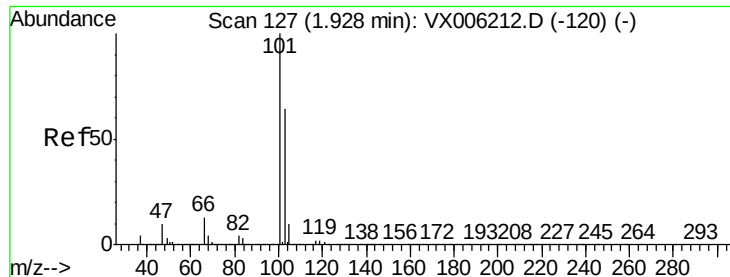
Tgt Ion: 64 Resp: 261589

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9





#7

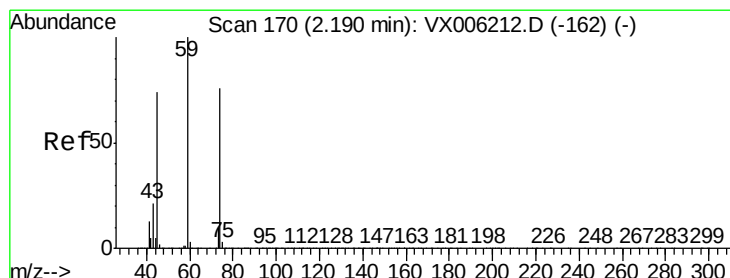
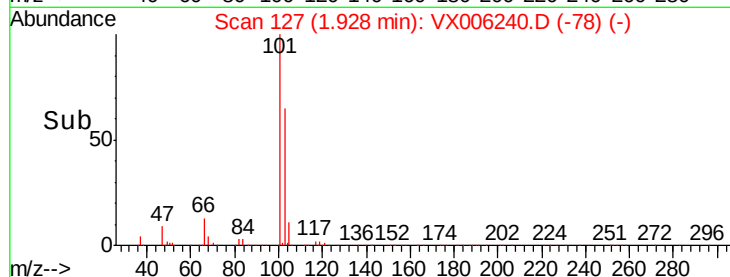
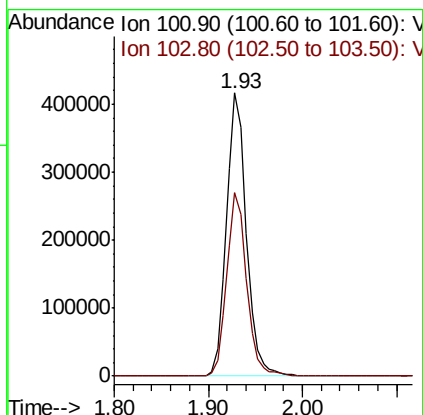
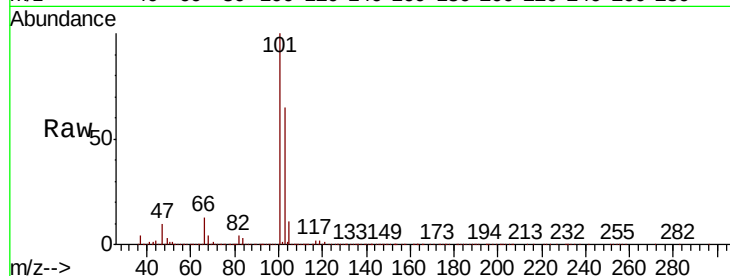
Trichlorofluoromethane
Concen: 48.990 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.0	76.4

Manual Integrations
APPROVED

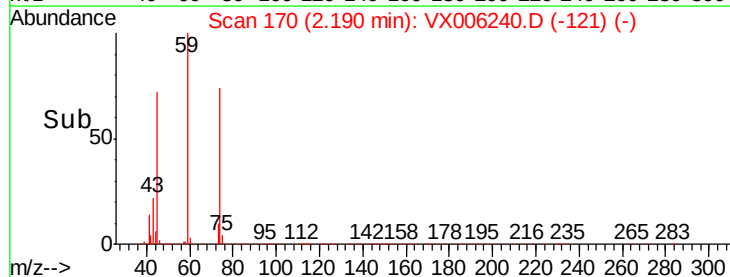
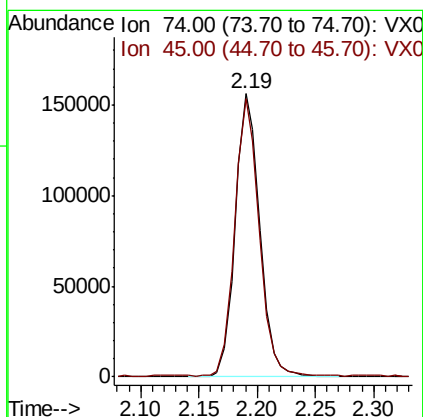
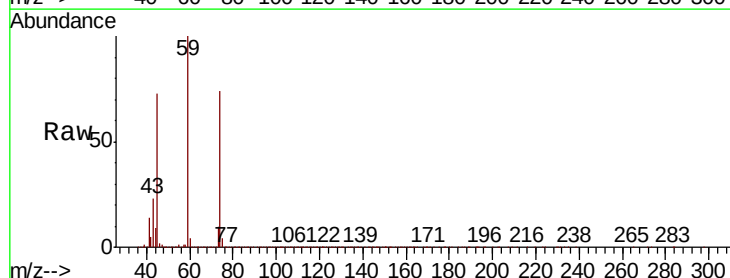
MMDadoda
12/3/2018 11:59:44 AM

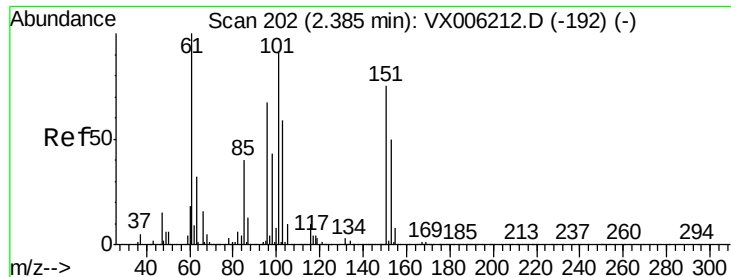


#8

Diethyl Ether
Concen: 48.500 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	49.5	148.7





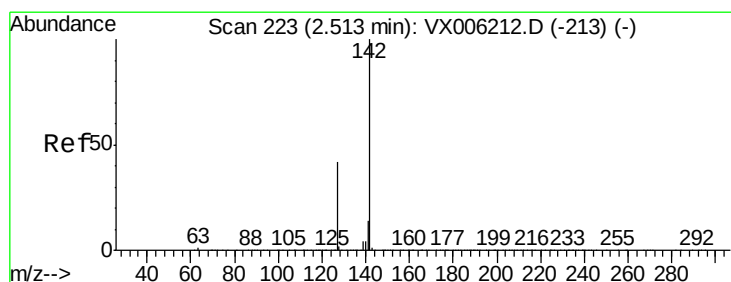
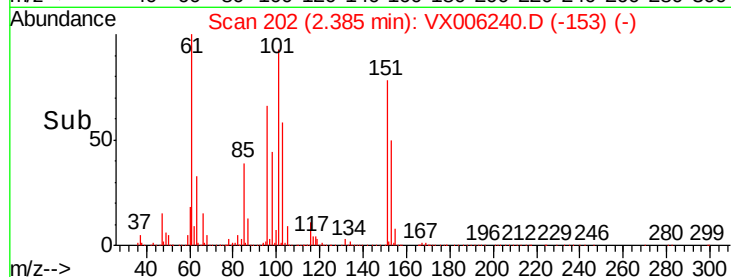
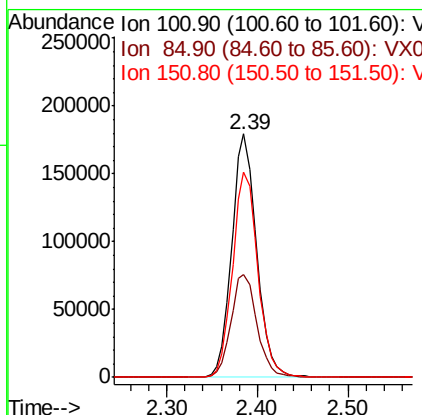
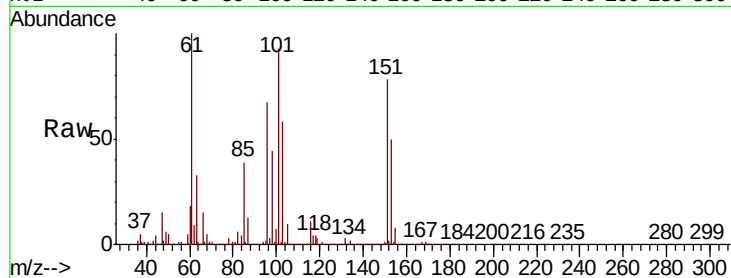
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.006 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	340034		
85	43.9	35.5	53.3	
151	86.0	68.6	103.0	

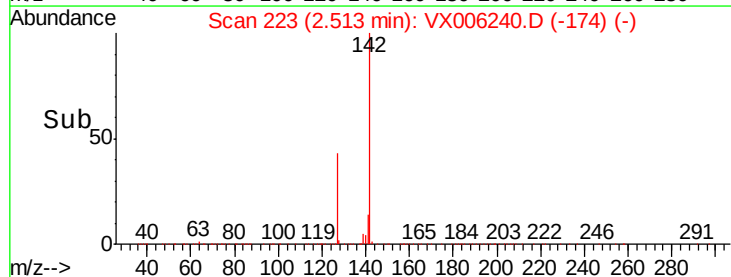
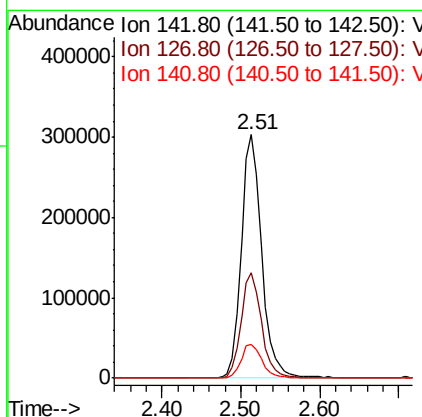
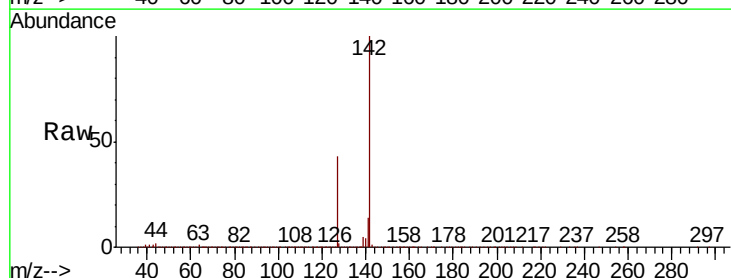
Manual Integrations
 APPROVED

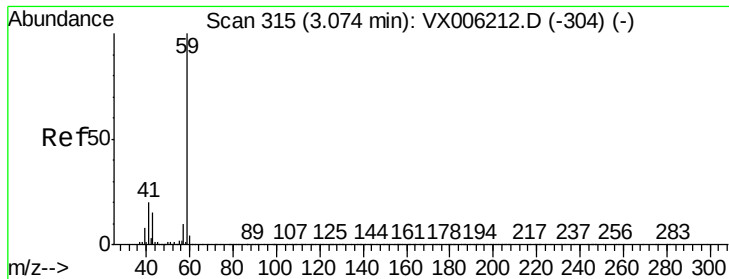
MMDadoda
 12/3/2018 11:59:44 AM



#10
 Methyl Iodide
 Concen: 51.078 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	545235		
127	43.2	34.8	52.2	
141	14.1	11.4	17.2	





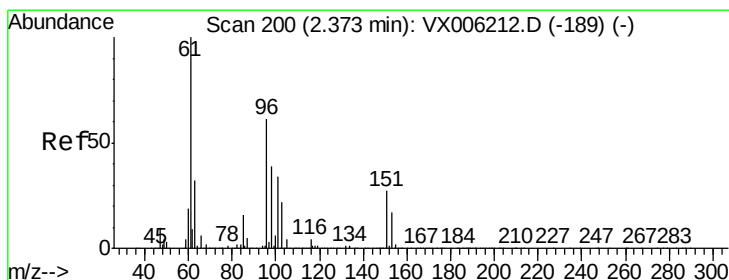
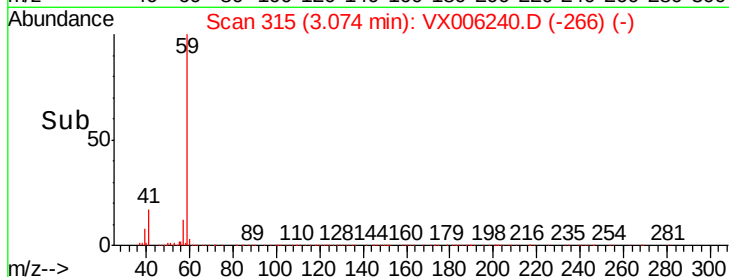
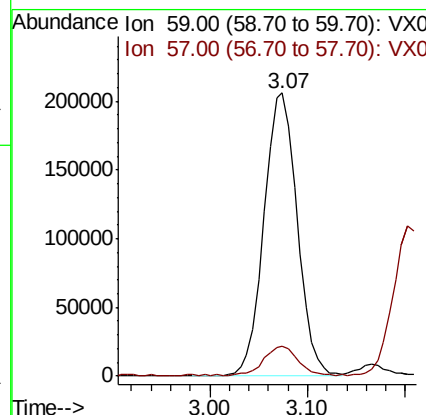
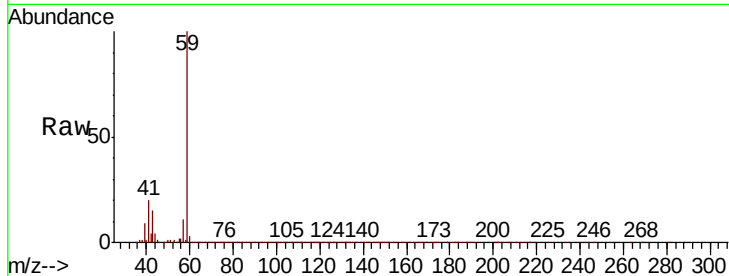
#11
Tert butyl alcohol
Concen: 233.294 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

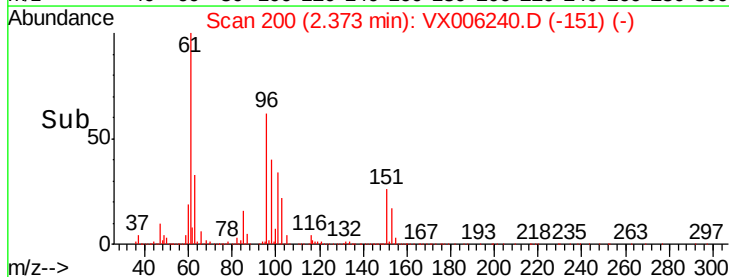
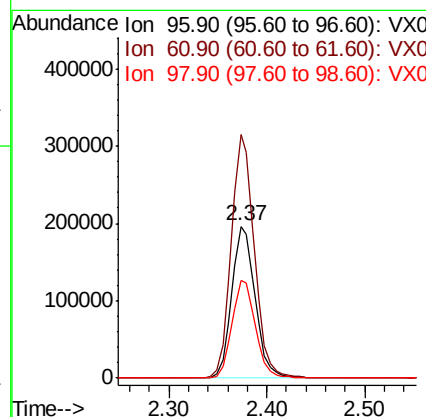
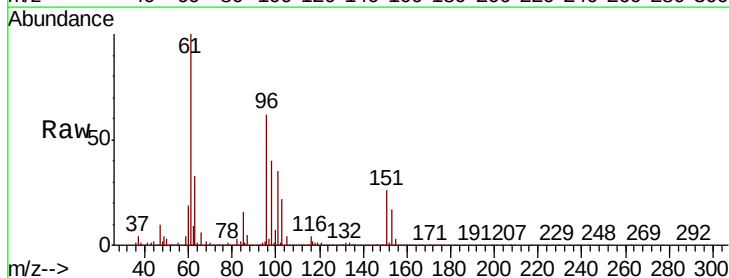
Manual Integrations
APPROVED

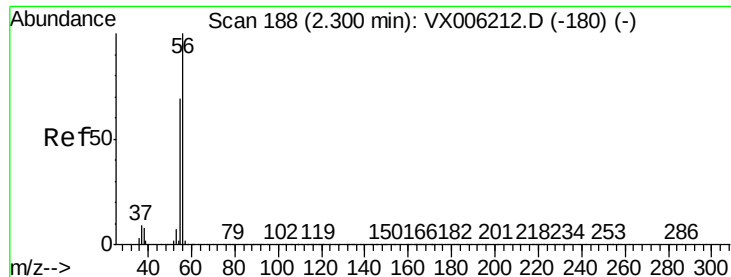
MMDadoda
12/3/2018 11:59:44 AM



#12
1,1-Dichloroethene
Concen: 47.736 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	131.7	197.5
98	63.8	51.8	77.6





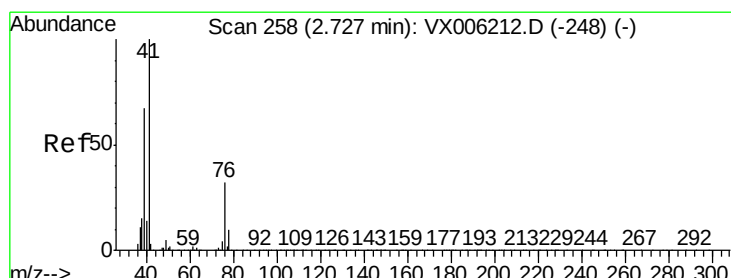
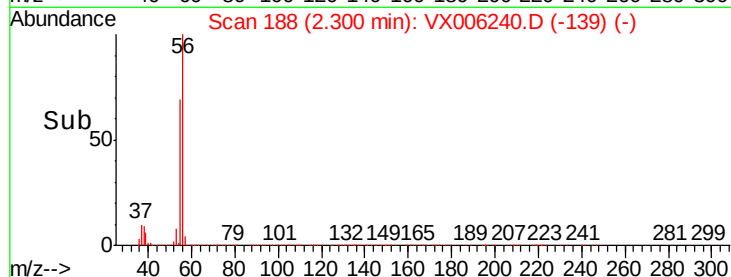
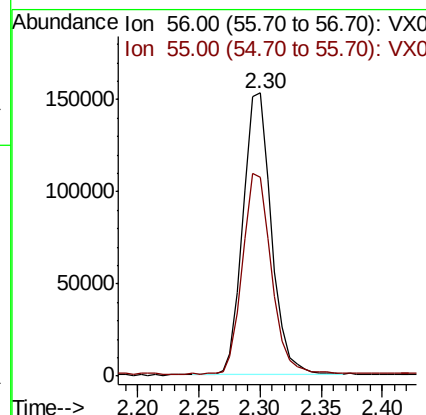
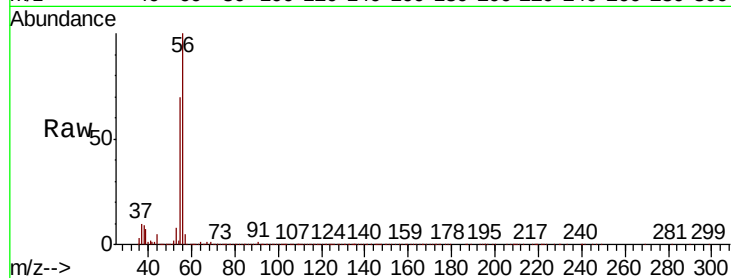
#13
Acrolein
Concen: 215.256 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	246130
Ion Ratio	100	Lower	Upper
55	72.7	57.8	86.6

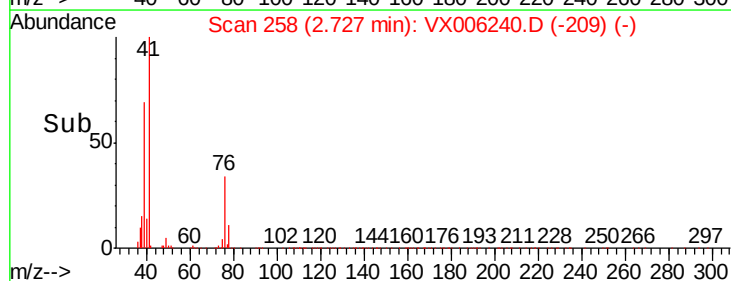
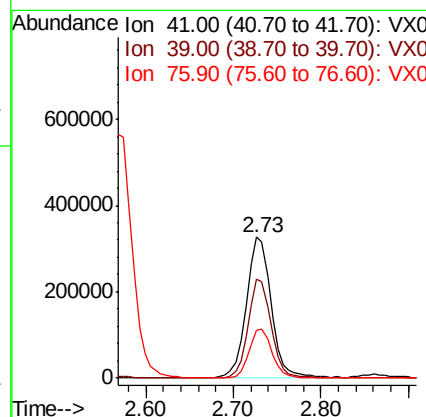
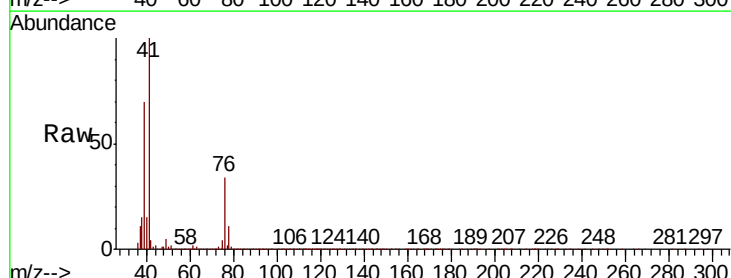
Manual Integrations
APPROVED

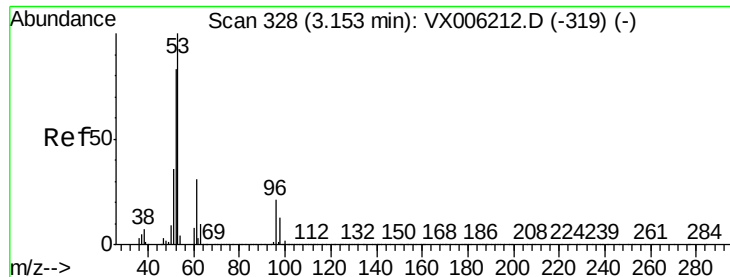
MMDadoda
12/3/2018 11:59:44 AM



#14
Allyl chloride
Concen: 47.497 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	41	Resp	636196
Ion Ratio	100	Lower	Upper
39	65.5	52.4	78.6
76	32.4	25.4	38.0





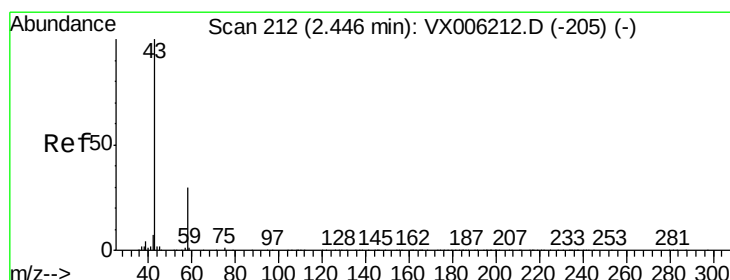
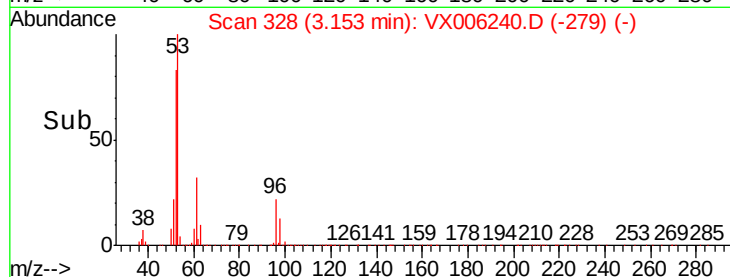
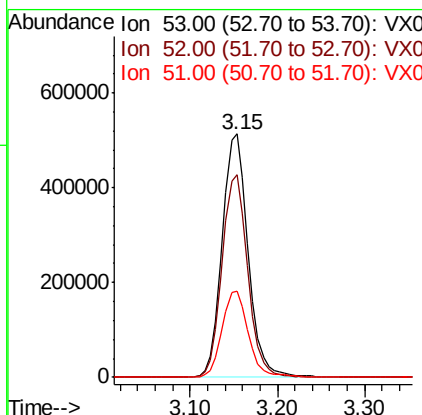
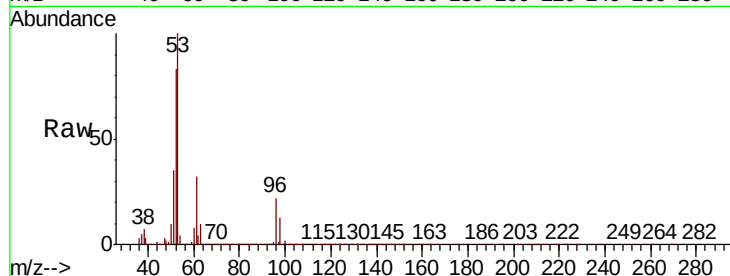
#15
Acrylonitrile
Concen: 241.007 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	53	Resp	1052130
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.2	99.4
51	36.0	28.7	43.1

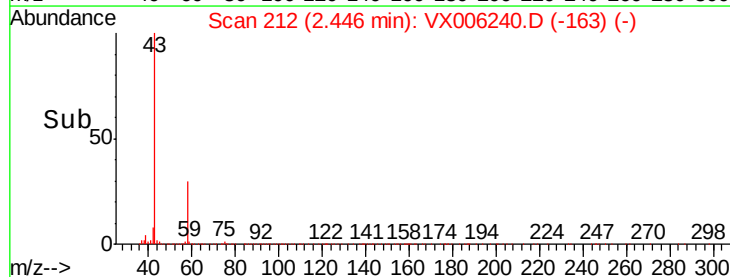
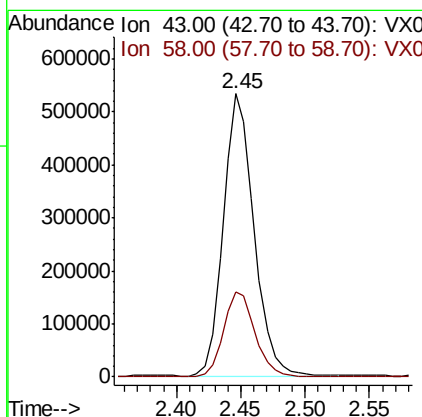
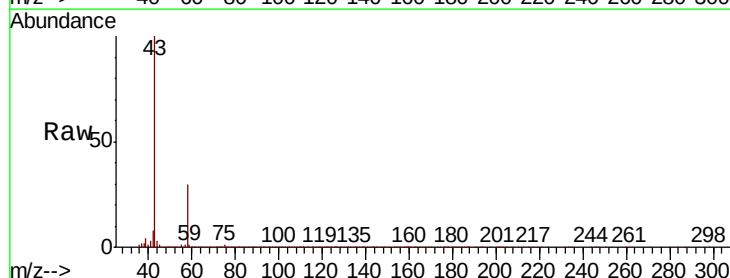
Manual Integrations
APPROVED

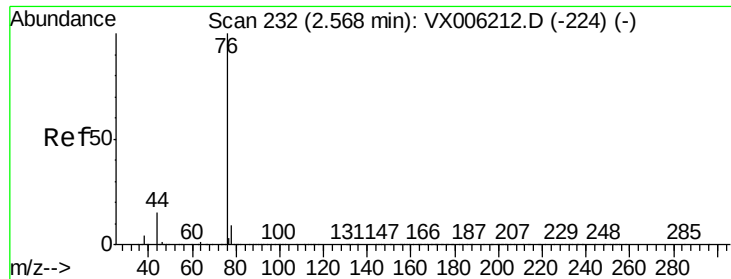
MMDadoda
12/3/2018 11:59:44 AM



#16
Acetone
Concen: 246.603 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	43	Resp	885298
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.0	36.0





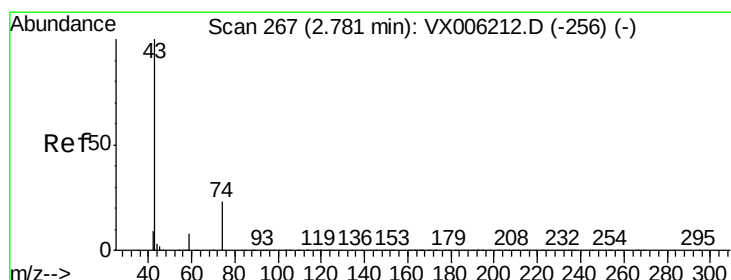
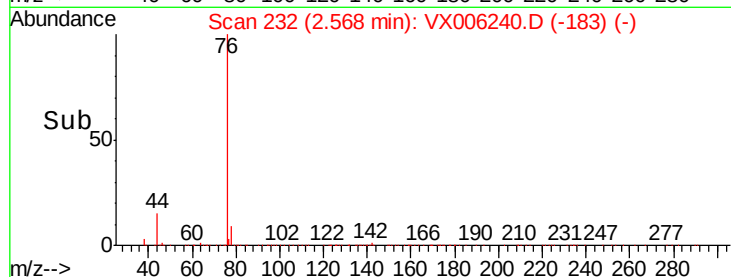
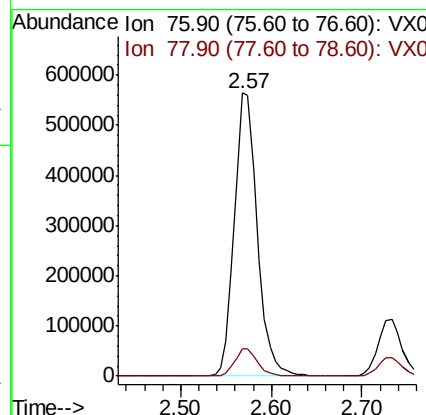
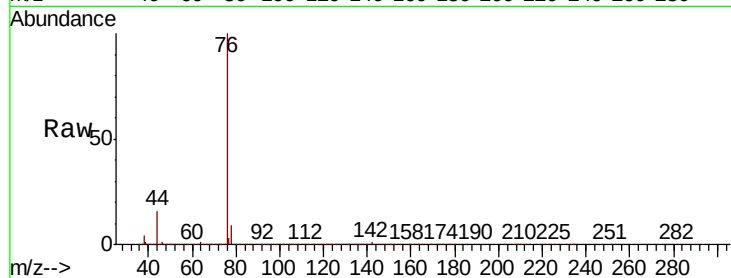
#17
Carbon Disulfide
Concen: 47.330 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

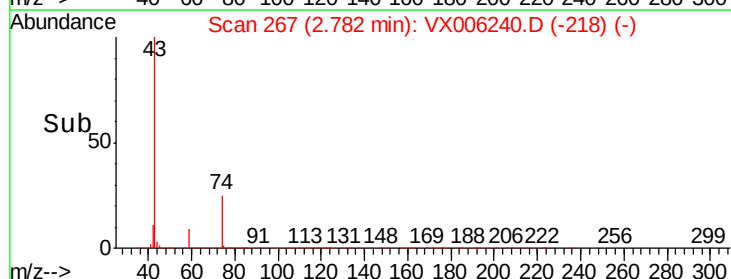
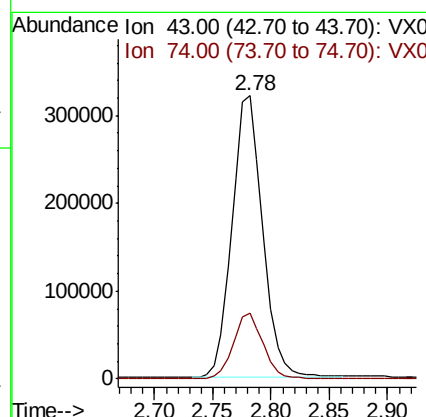
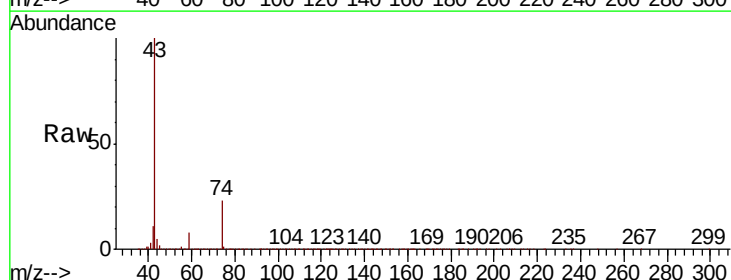
Manual Integrations
APPROVED

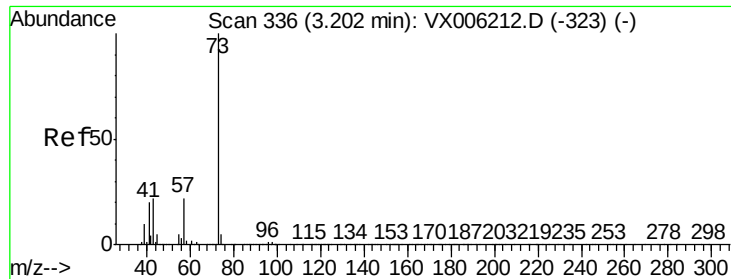
MMDadoda
12/3/2018 11:59:44 AM



#18
Methyl Acetate
Concen: 48.898 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.9	26.9





#19

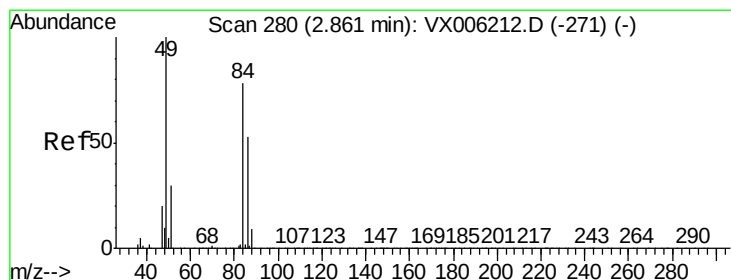
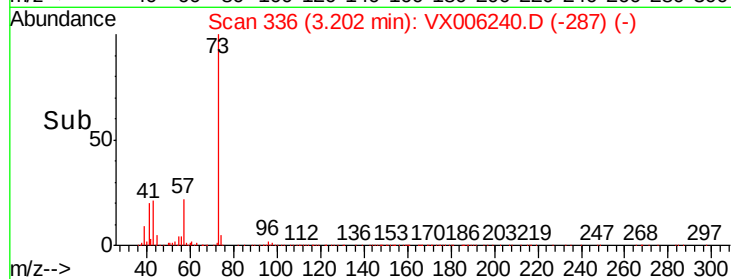
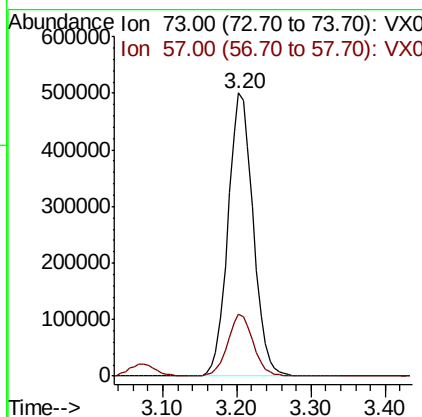
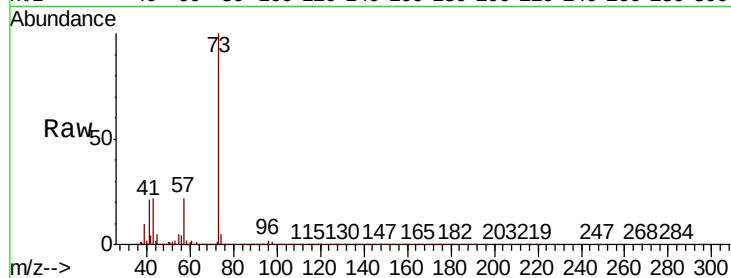
Methyl tert-butyl Ether
 Concen: 48.720 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 1178490
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.5 26.3

Manual Integrations
 APPROVED

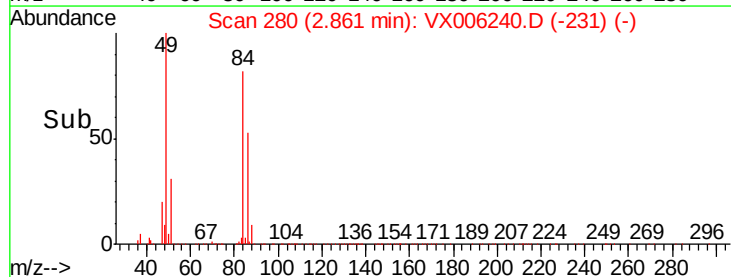
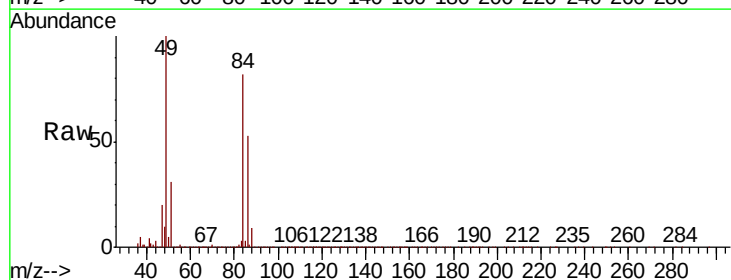
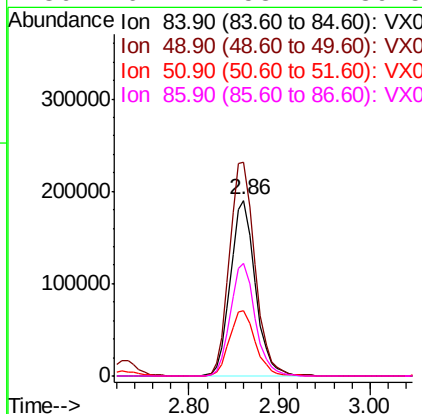
MMDadoda
 12/3/2018 11:59:44 AM

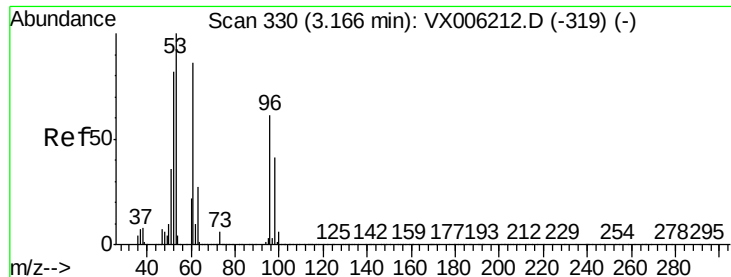


#20

Methylene Chloride
 Concen: 47.239 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion: 84 Resp: 360921
 Ion Ratio Lower Upper
 84 100
 49 121.6 102.2 153.4
 51 37.2 31.1 46.7
 86 64.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.153 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

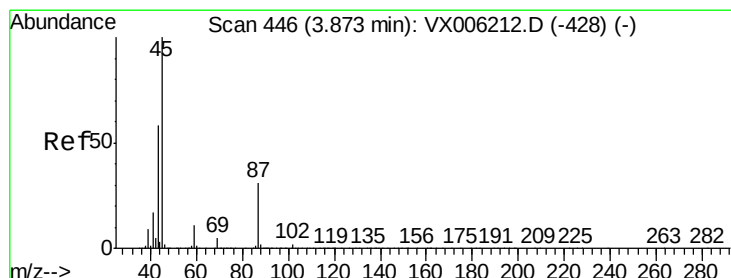
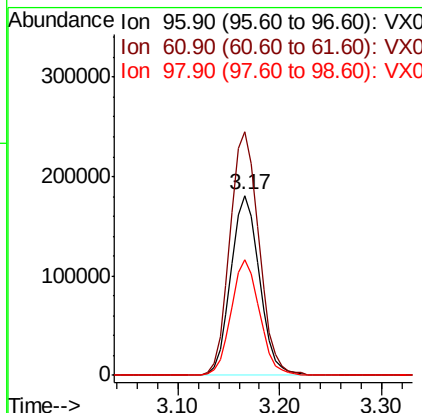
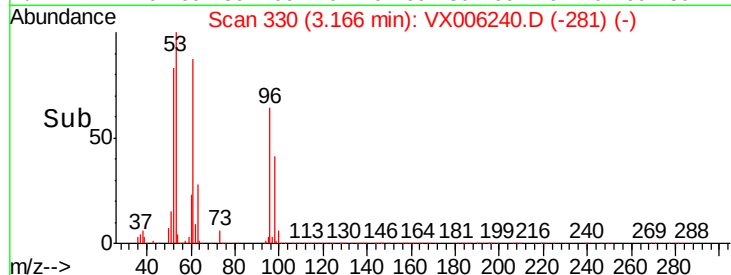
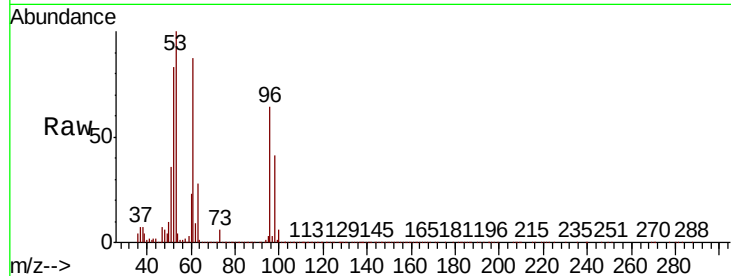
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	347951
Ion Ratio	Lower	Upper	
96	100		
61	135.7	113.3	169.9
98	64.2	53.2	79.8

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#22

Diisopropyl ether

Concen: 49.646 ug/l

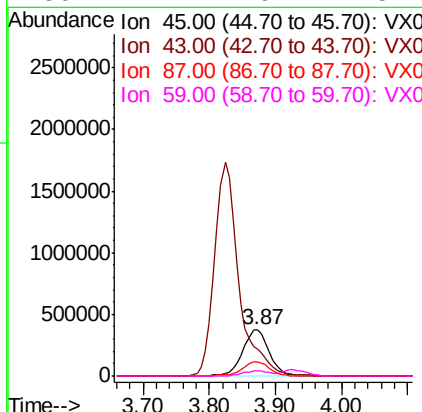
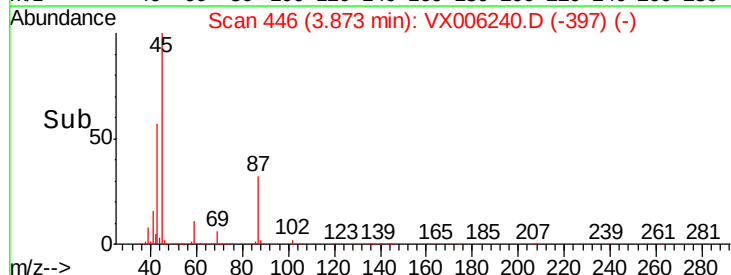
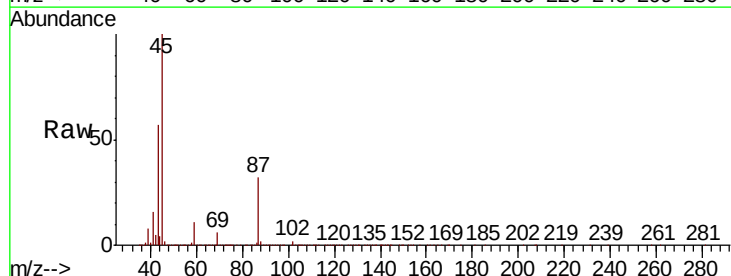
RT: 3.87 min Scan# 446

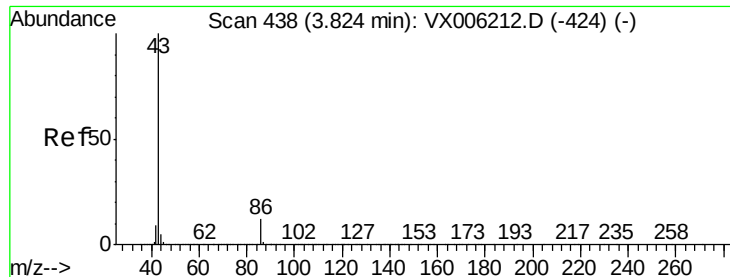
Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion:	45	Resp:	1038683
Ion Ratio	Lower	Upper	
45	100		
43	57.1	46.2	69.2
87	31.8	24.9	37.3
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 248.615 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tot Ion: 43 Resp: 4436383

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0

Instrument :

MSVOA_X

ClientSampleId :

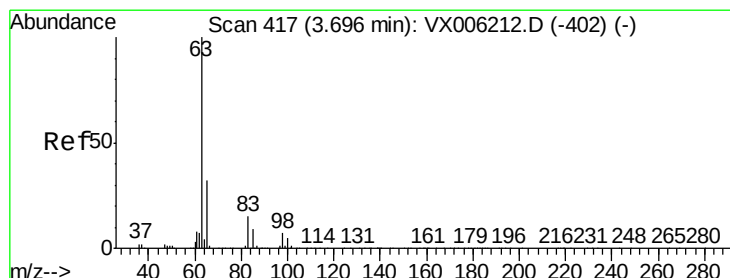
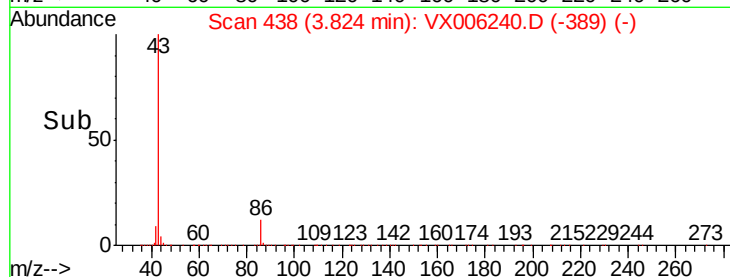
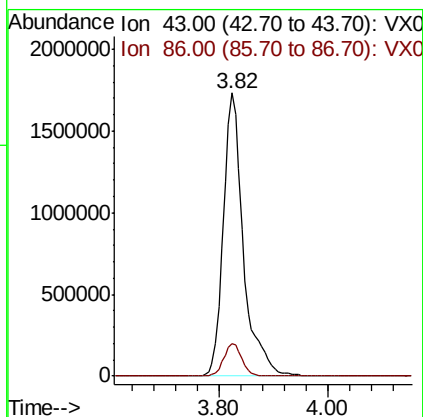
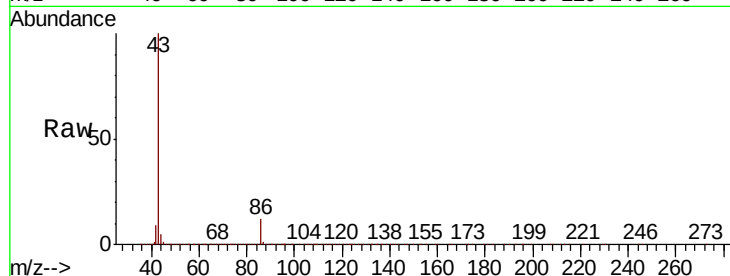
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:44 AM



#24

1,1-Dichloroethane

Concen: 50.862 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

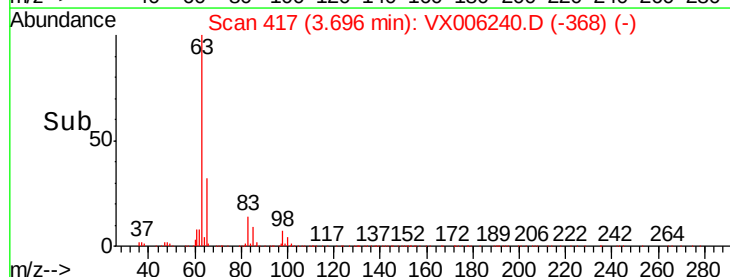
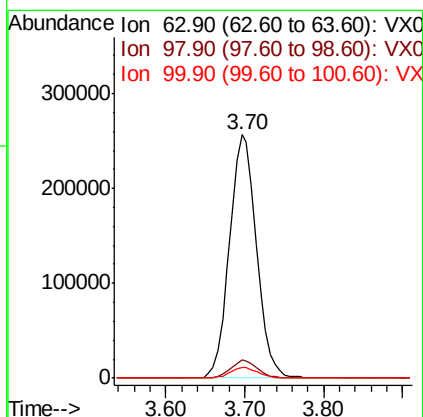
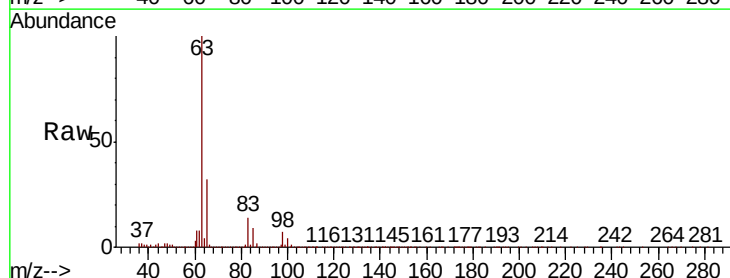
Tgt Ion: 63 Resp: 608220

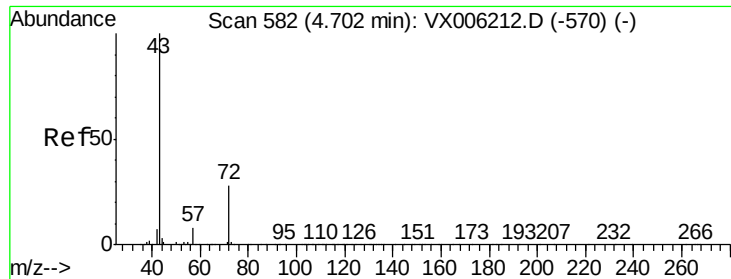
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 248.616 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1273506

Ion Ratio Lower Upper

43 100

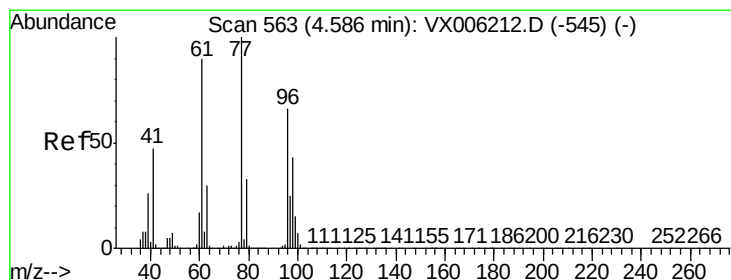
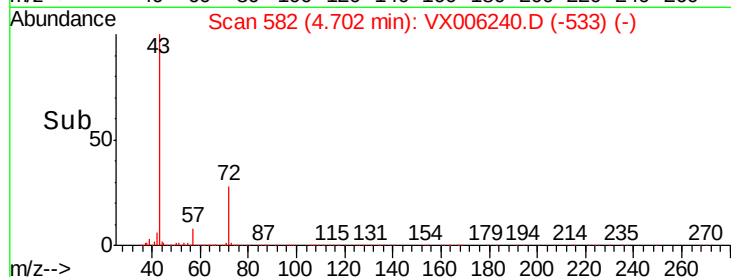
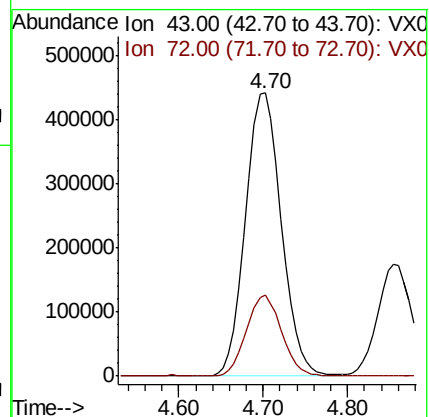
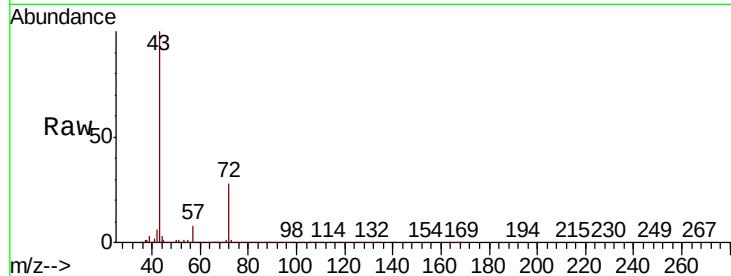
72 28.3 22.6 33.8

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:44 AM



#26

2,2-Dichloropropane

Concen: 45.517 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006240.D

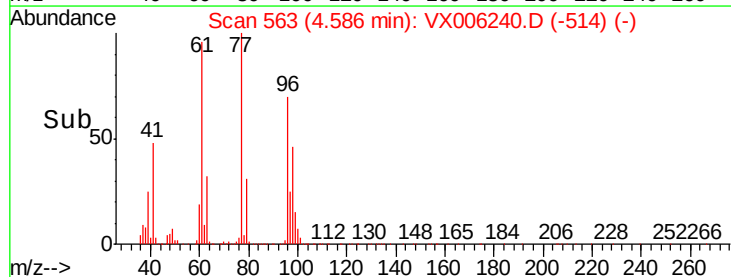
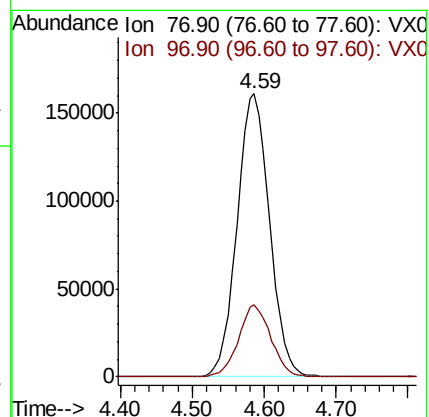
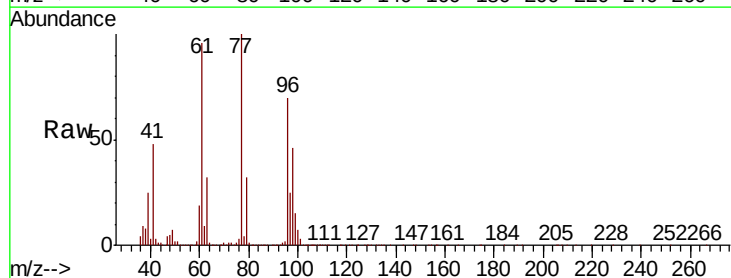
Acq: 30 Nov 2018 19:36

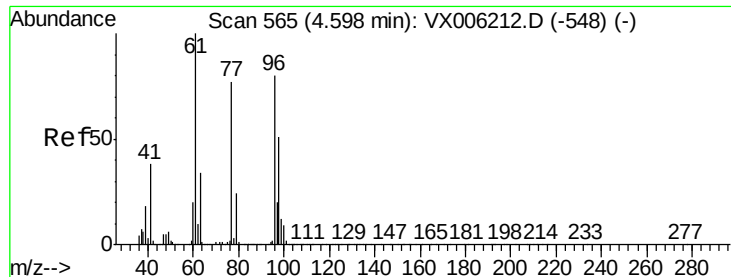
Tgt Ion: 77 Resp: 502335

Ion Ratio Lower Upper

77 100

97 25.1 12.3 36.8





#27

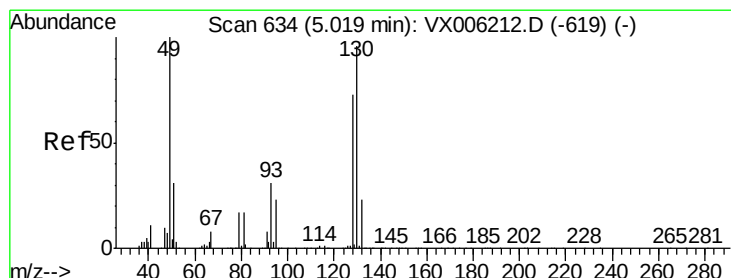
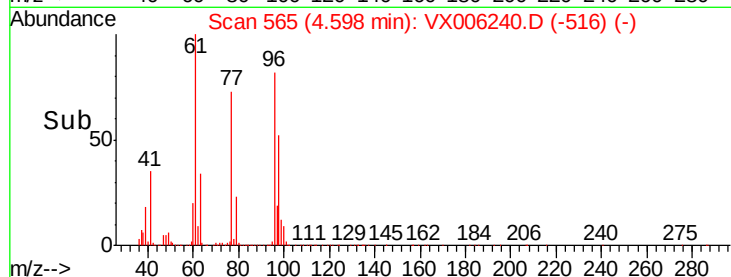
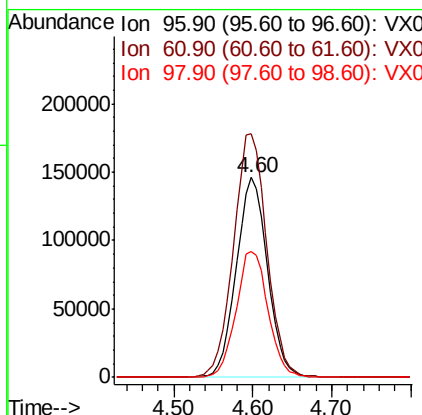
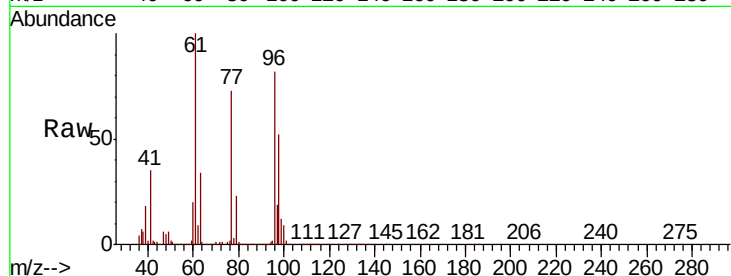
cis-1,2-Dichloroethene
Concen: 49.802 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	265.0
98	64.3	0.0	130.2

Manual Integrations
APPROVED

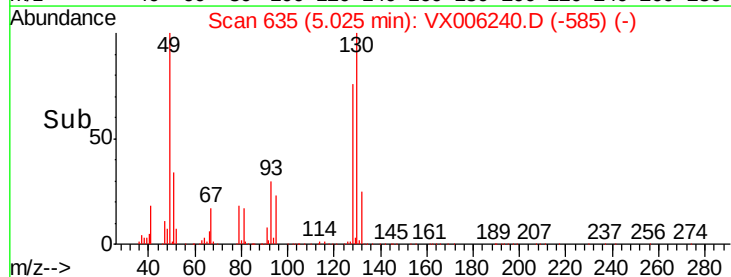
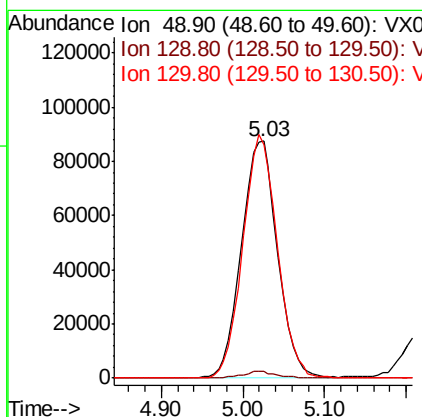
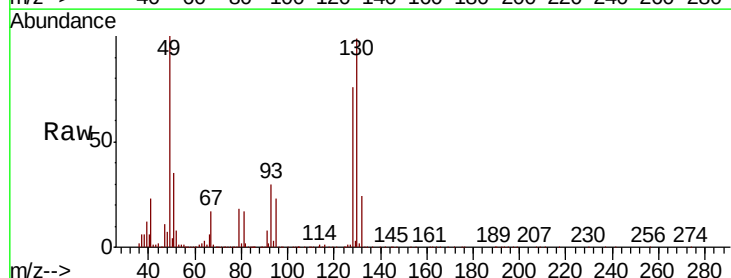
MMDadoda
12/3/2018 11:59:44 AM

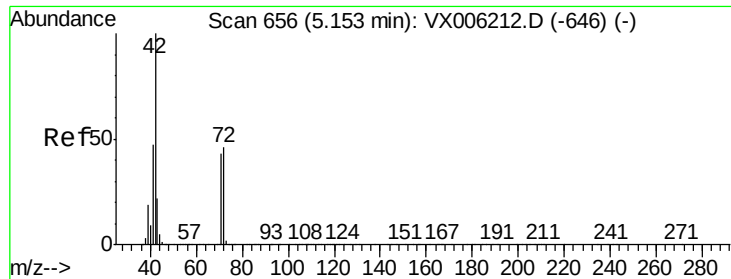


#28

Bromochloromethane
Concen: 51.398 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	98.5	78.3	117.5





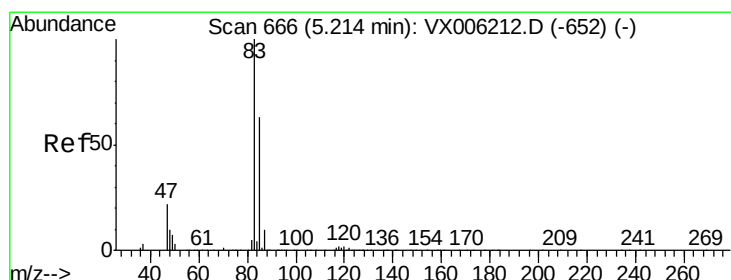
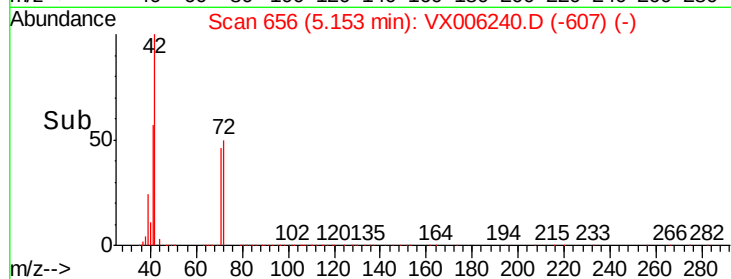
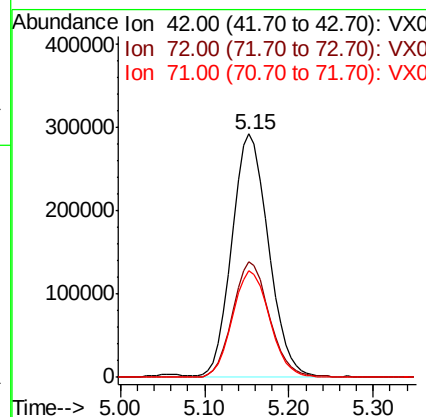
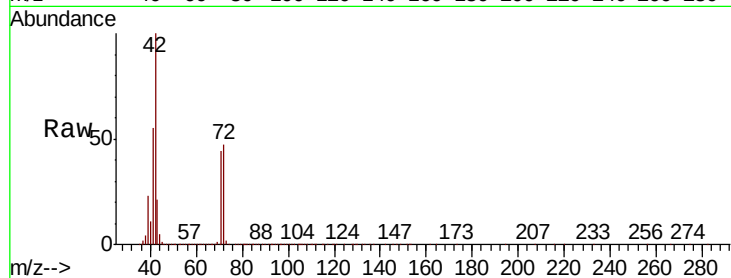
#29
Tetrahydrofuran
Concen: 241.735 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	37.8	56.8
71	44.4	35.2	52.8

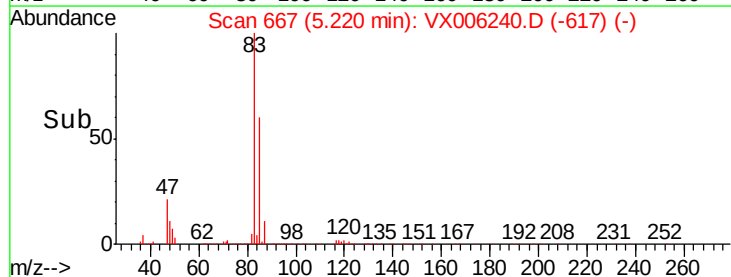
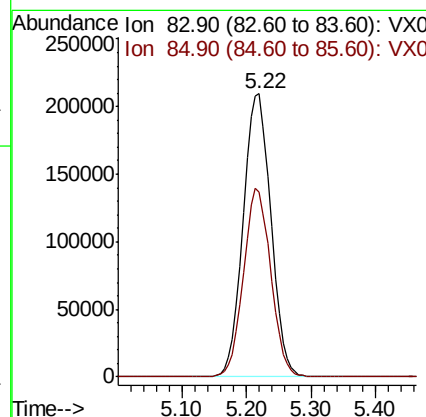
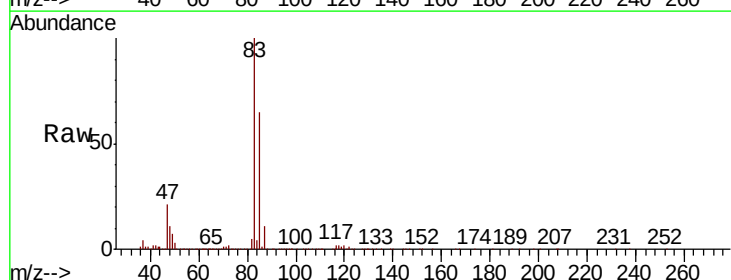
Manual Integrations
APPROVED

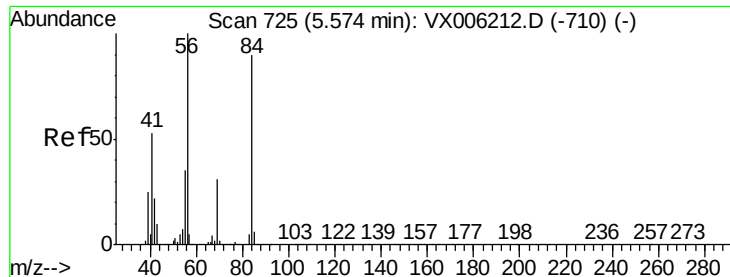
MMDadoda
12/3/2018 11:59:44 AM



#30
Chloroform
Concen: 49.572 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.3	75.5





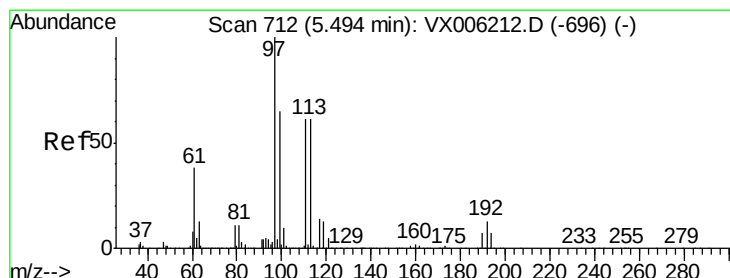
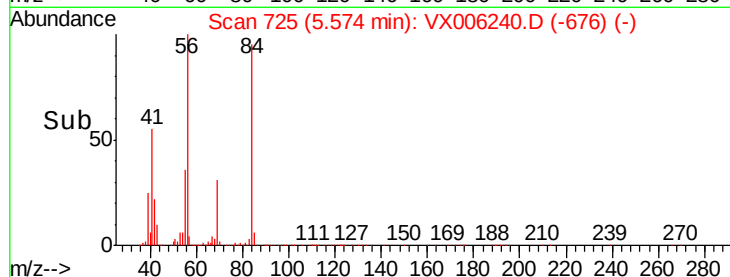
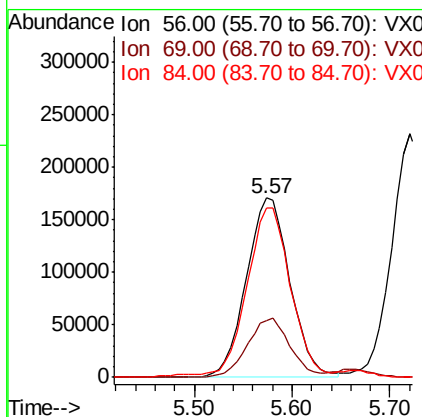
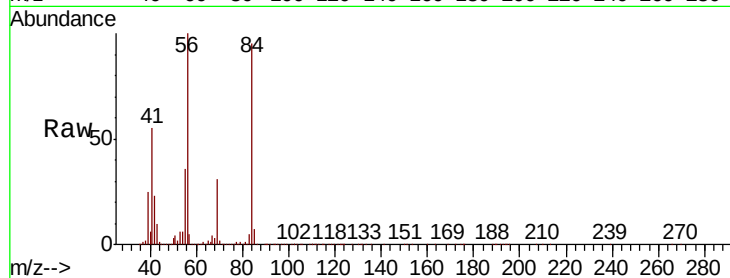
#31
Cyclohexane
Concen: 47.837 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.5	36.7
84	93.1	71.8	107.6

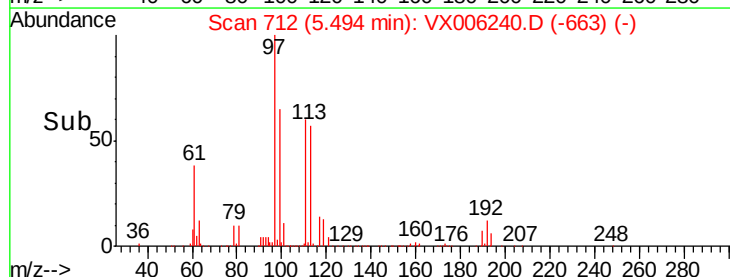
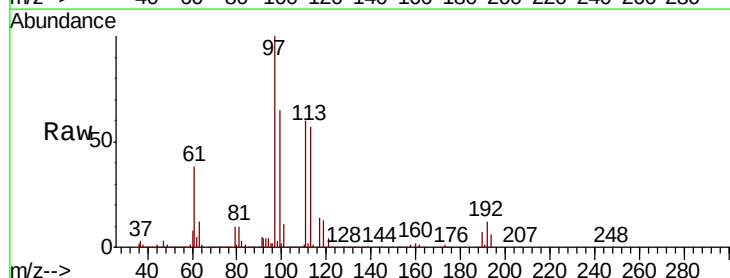
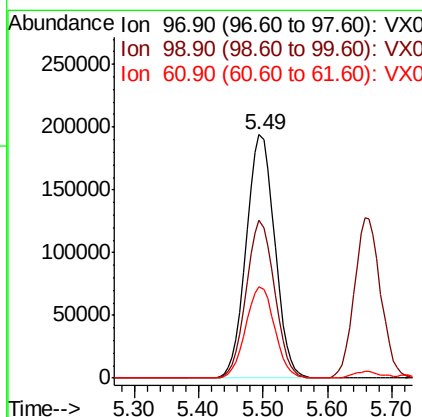
Manual Integrations
APPROVED

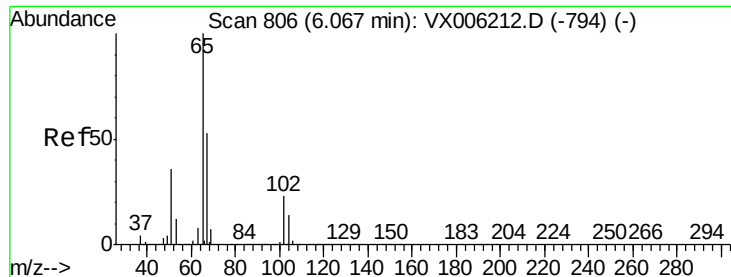
MMDadoda
12/3/2018 11:59:44 AM



#32
1,1,1-Trichloroethane
Concen: 49.296 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	38.2	30.6	46.0





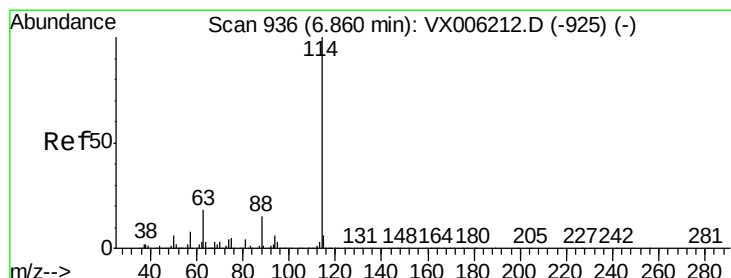
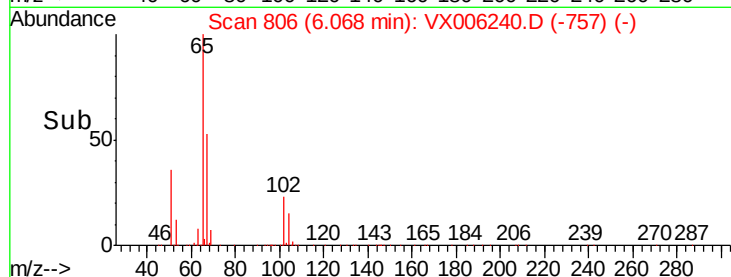
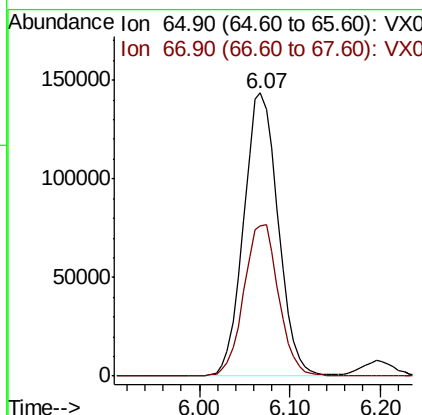
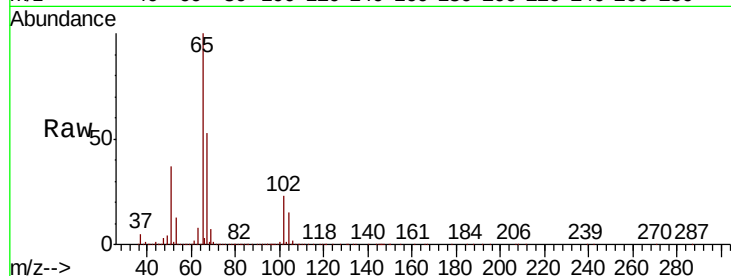
#33
 1,2-Dichloroethane-d4
 Concen: 49.438 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2

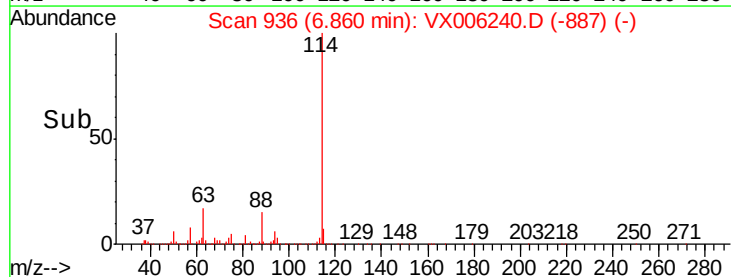
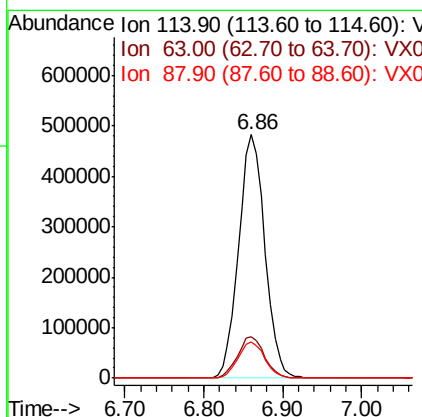
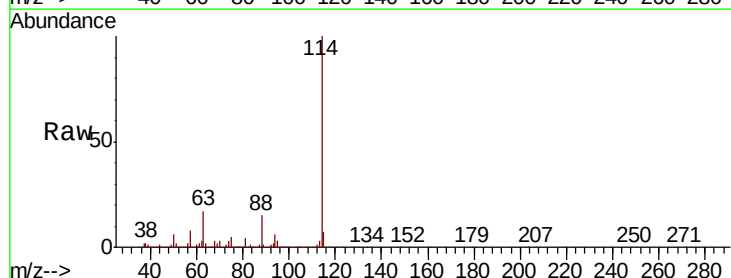
Manual Integrations
 APPROVED

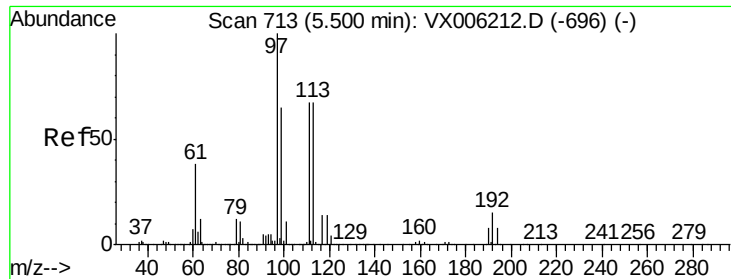
MMDadoda
 12/3/2018 11:59:44 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	36.6
88	15.0	0.0	29.0





#35

Dibromofluoromethane

Concen: 49.589 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

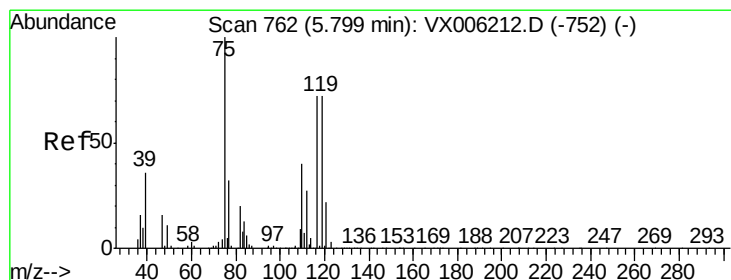
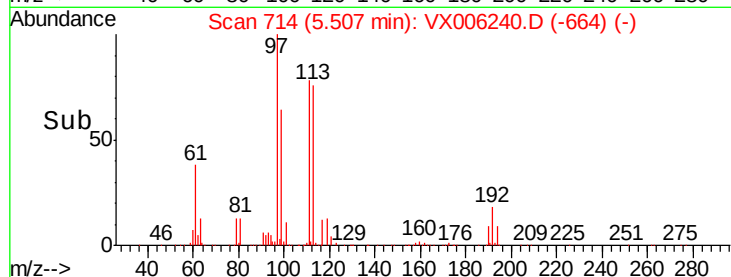
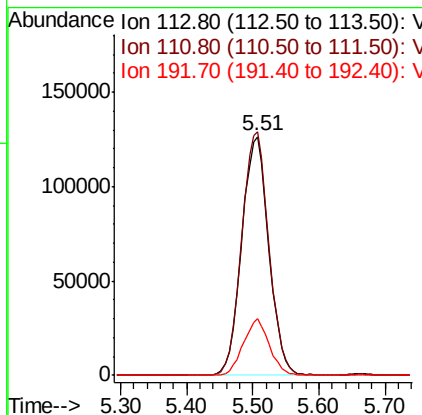
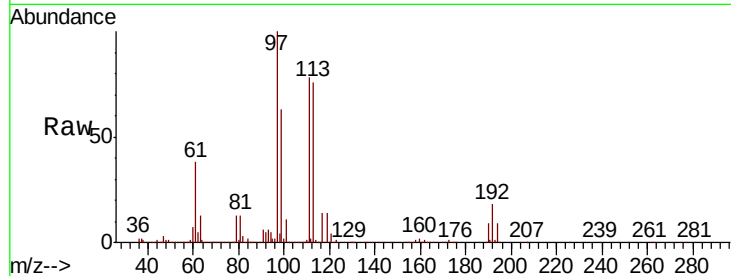
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	359903
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.1	121.7
192	22.6	18.2	27.2

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#36

1,1-Dichloropropene

Concen: 48.537 ug/l

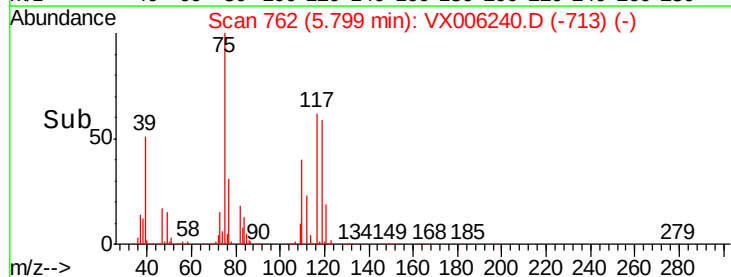
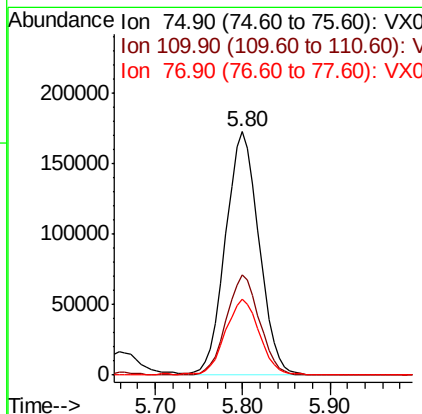
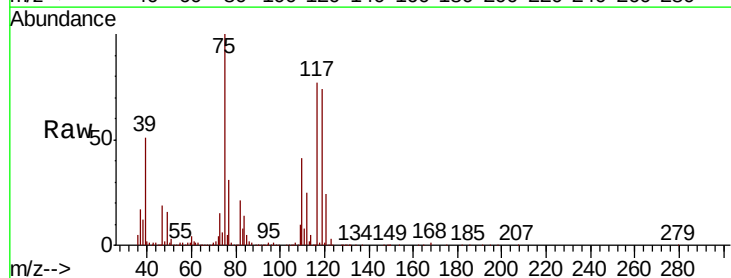
RT: 5.80 min Scan# 762

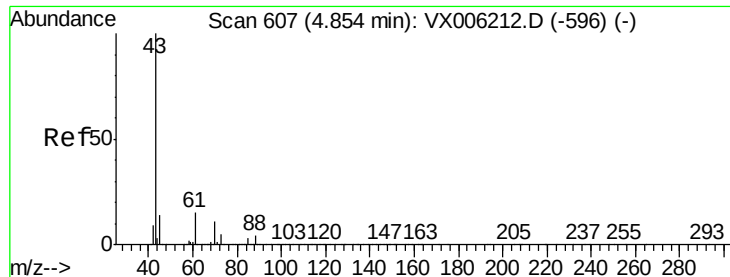
Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion:	75	Resp:	458165
Ion Ratio	Lower	Upper	
75	100		
110	40.9	20.4	61.3
77	31.0	24.9	37.3





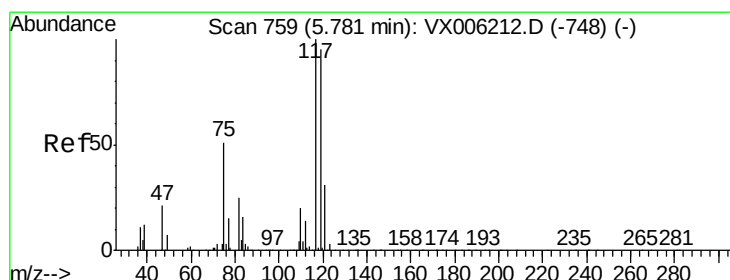
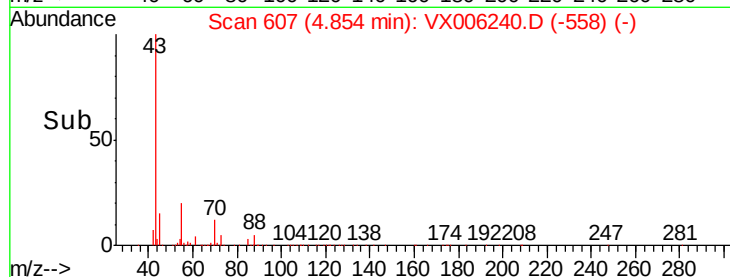
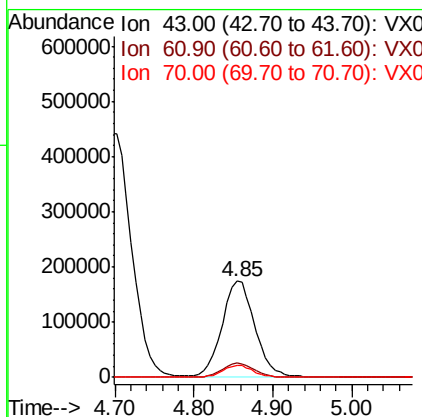
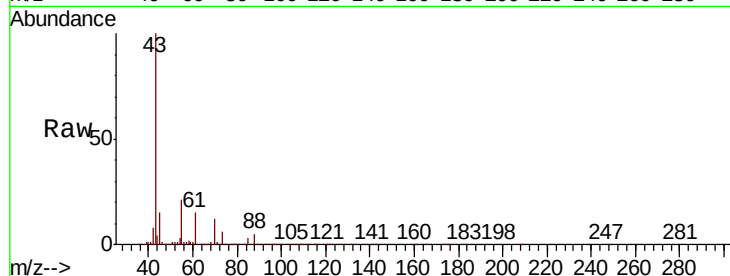
#37
Ethyl Acetate
Concen: 47.589 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.8	9.0	13.6

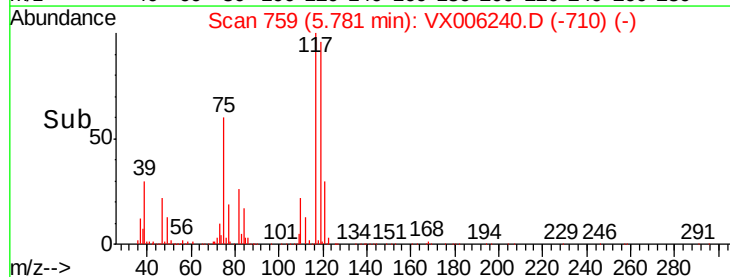
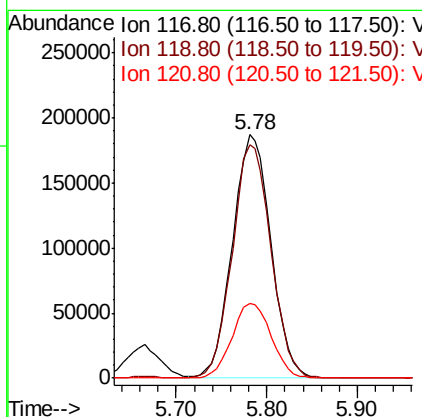
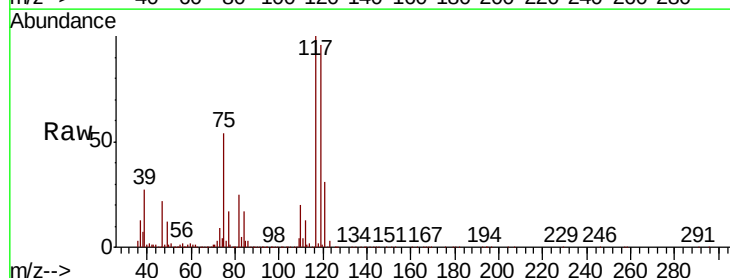
Manual Integrations
APPROVED

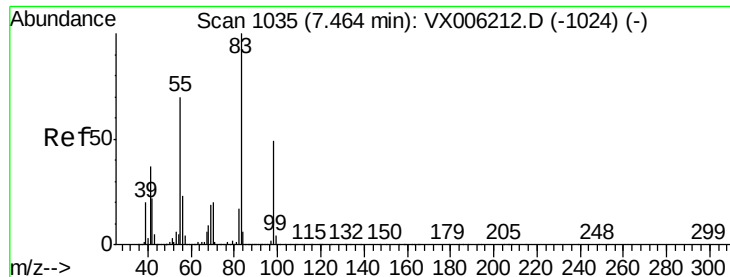
MMDadoda
12/3/2018 11:59:44 AM



#38
Carbon Tetrachloride
Concen: 49.441 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
121	30.8	24.6	37.0





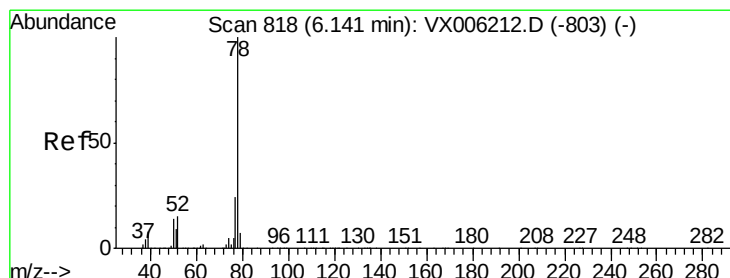
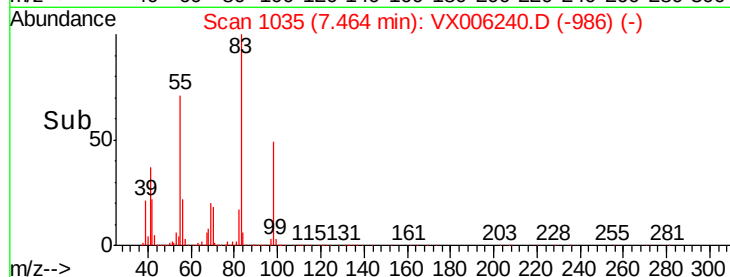
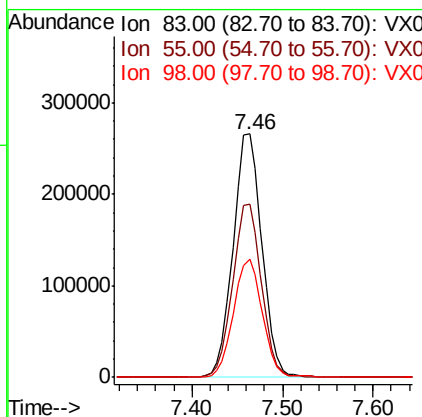
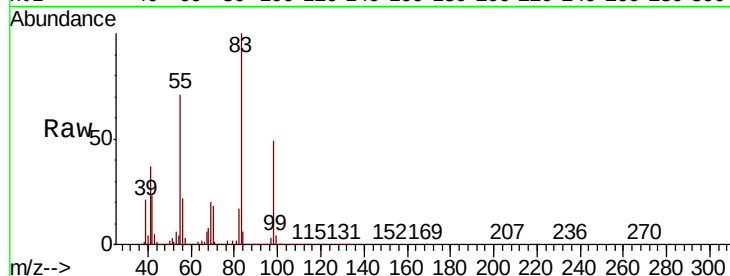
#39
Methylvlcyclohexane
Concen: 47.835 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	586116		
55	71.1		56.4	84.6
98	48.7		39.0	58.6

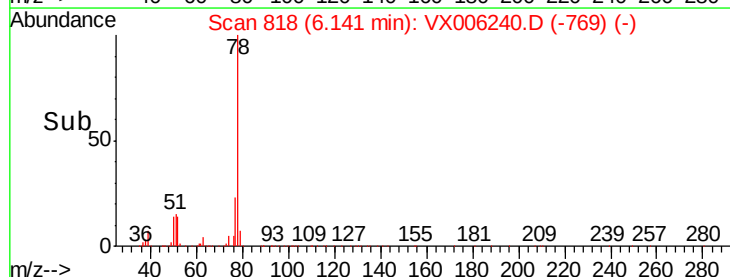
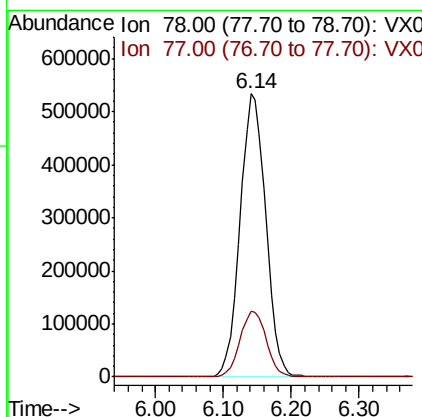
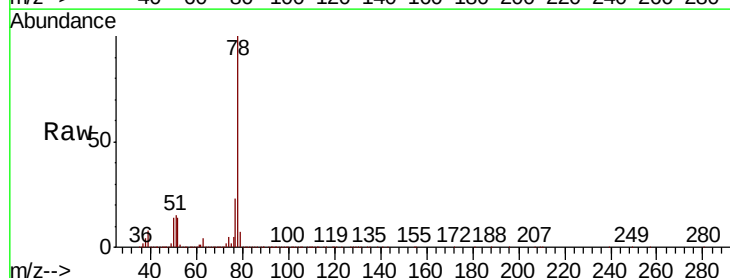
Manual Integrations
APPROVED

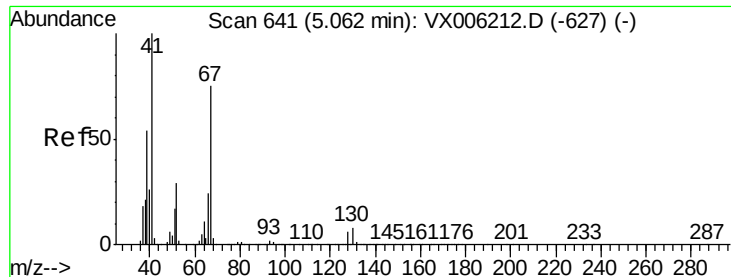
MMDadoda
12/3/2018 11:59:44 AM



#40
Benzene
Concen: 49.480 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1398906		
77	23.4		19.2	28.8





#41

Methacrylonitrile

Concen: 47.423 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

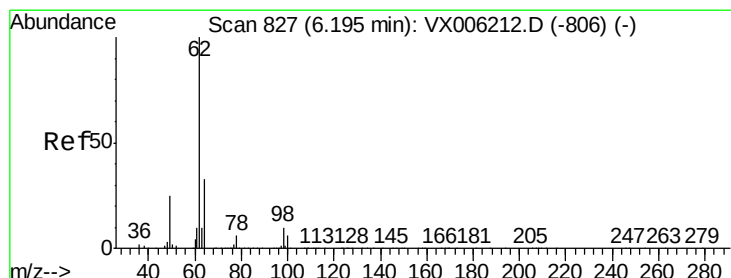
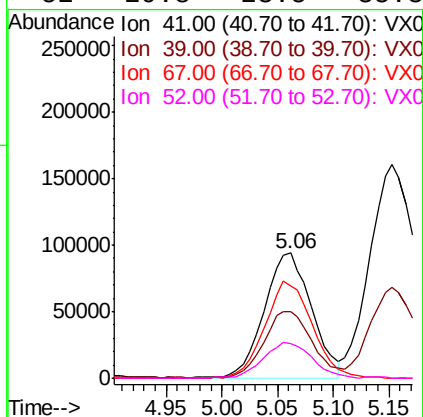
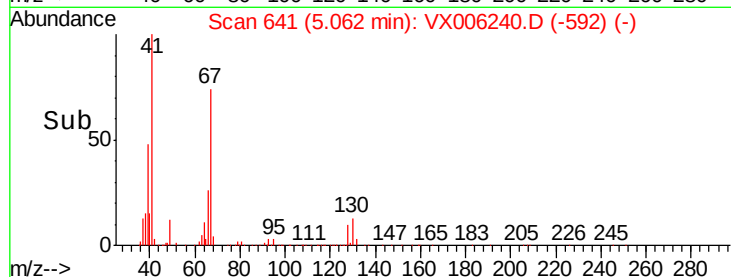
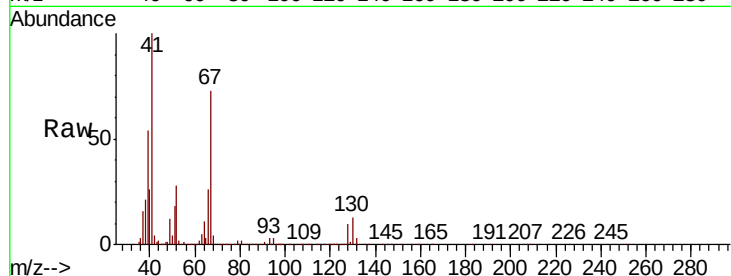
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	44.0	66.0	
67	78.5	61.4	92.0	
52	29.8	23.5	35.3	

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#42

1,2-Dichloroethane

Concen: 49.907 ug/l

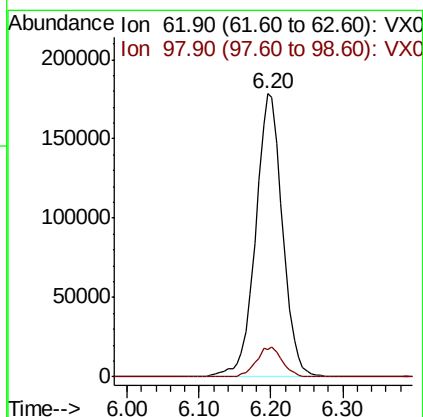
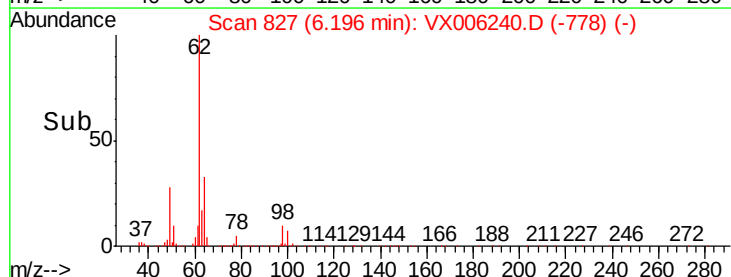
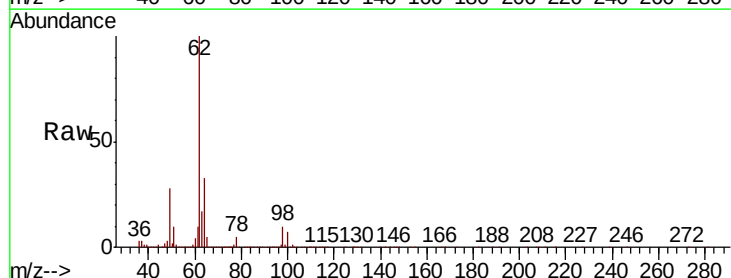
RT: 6.20 min Scan# 827

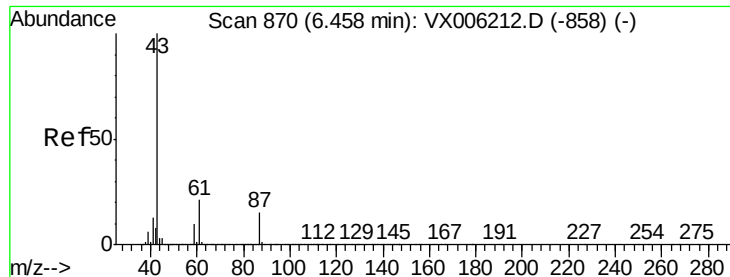
Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 47.841 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

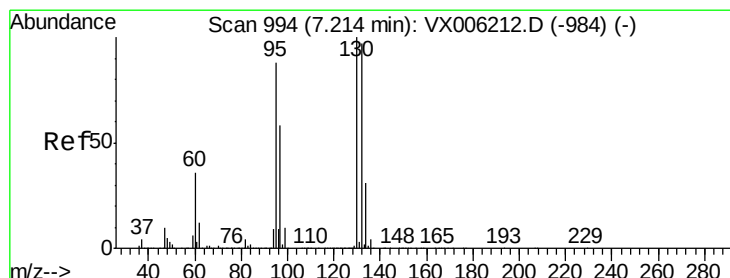
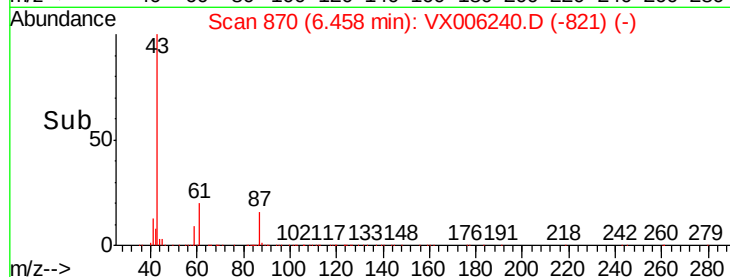
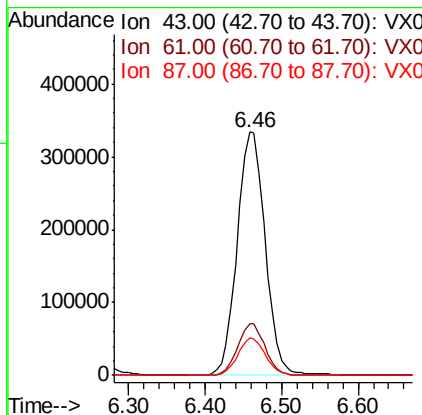
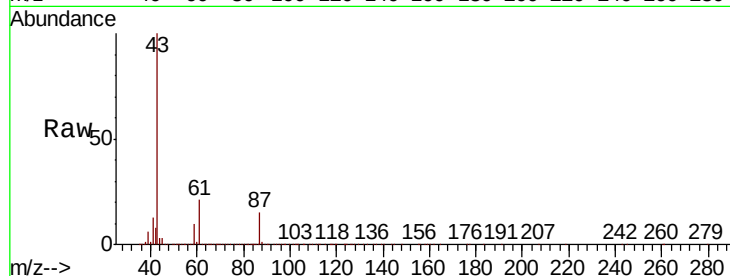
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	843195
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	15.3	11.9	17.9

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#44

Trichloroethene

Concen: 49.669 ug/l

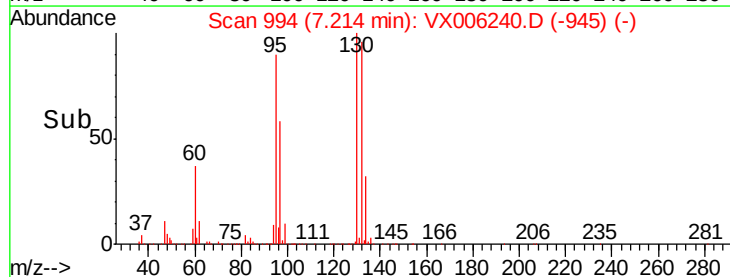
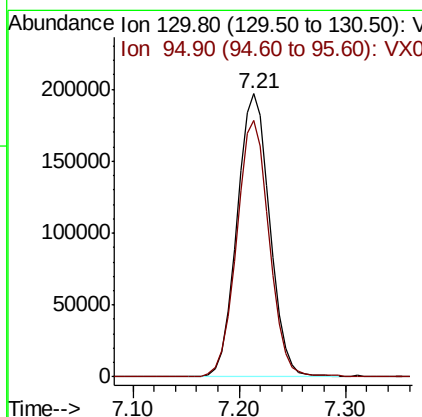
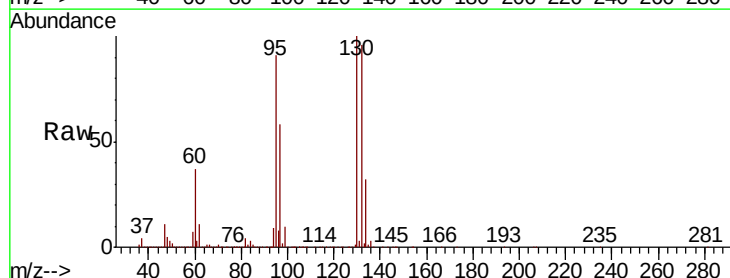
RT: 7.21 min Scan# 994

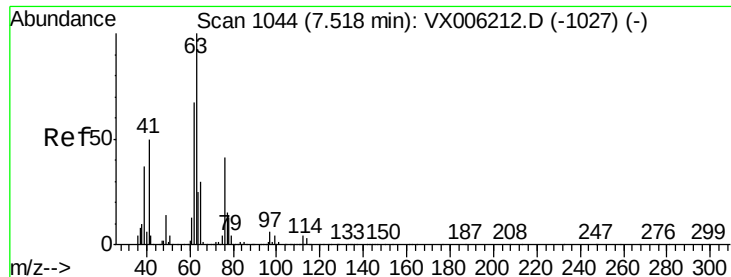
Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion:	130	Resp:	425405
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	175.8





#45

1,2-Dichloropropane

Concen: 49.232 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 353754

Ion Ratio Lower Upper

63 100

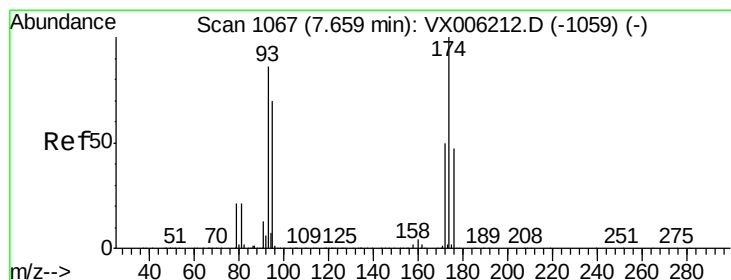
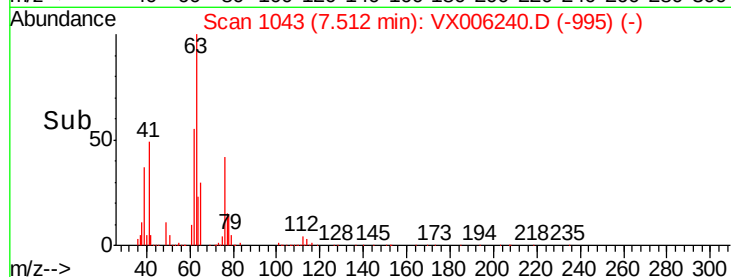
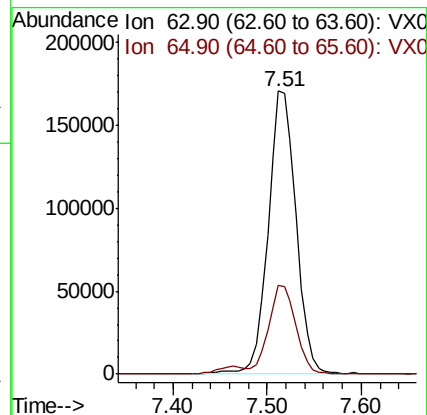
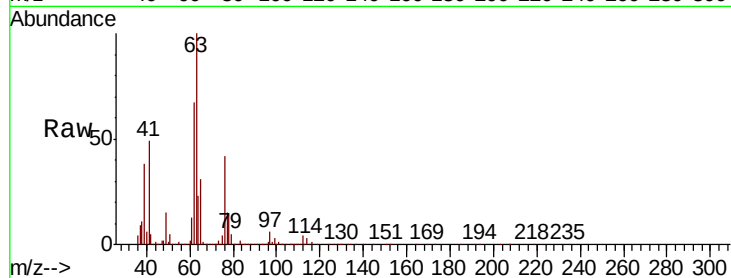
65 31.1 24.3 36.5

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:44 AM



#46

Dibromomethane

Concen: 49.560 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

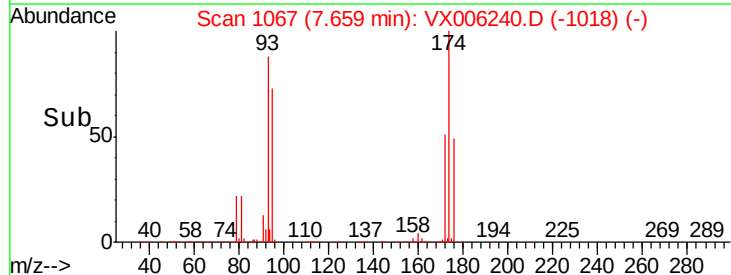
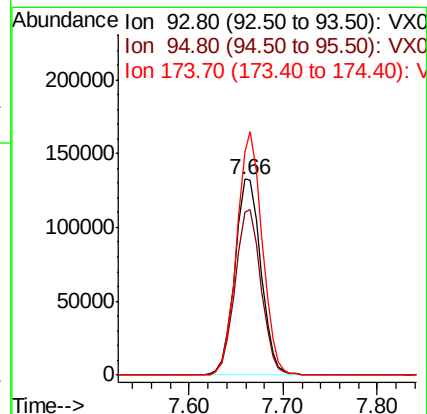
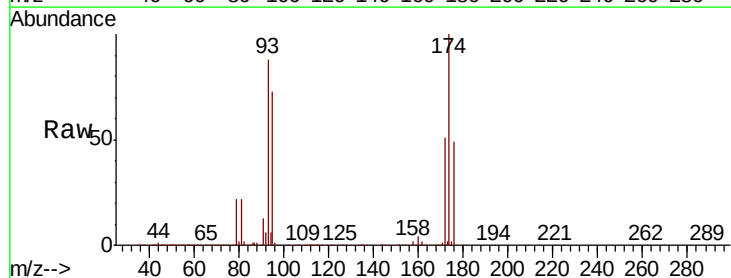
Tgt Ion: 93 Resp: 257189

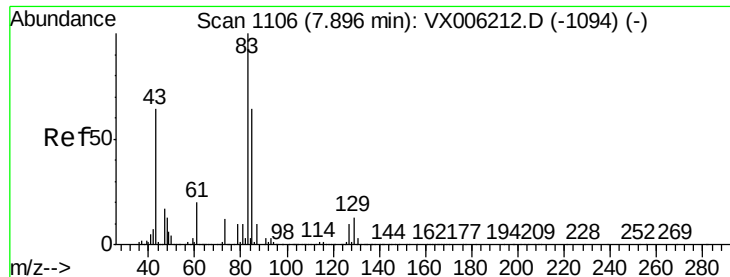
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 120.4 97.2 145.8





#47

Bromodichloromethane

Concen: 49.644 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

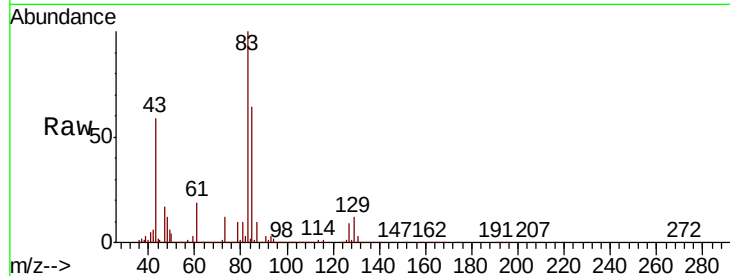
ClientSampleId :

VSTDCCC050EC

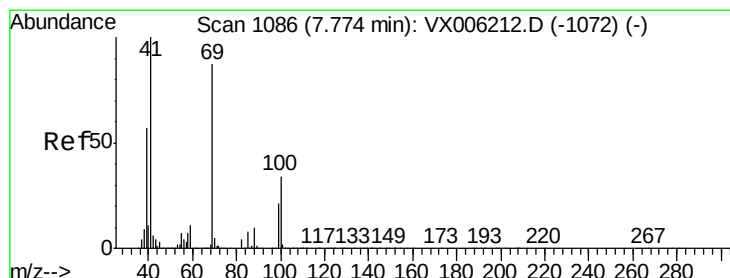
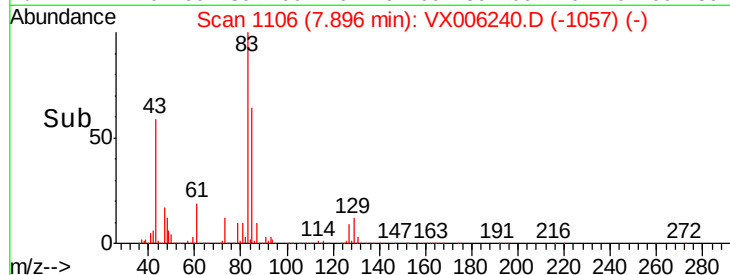
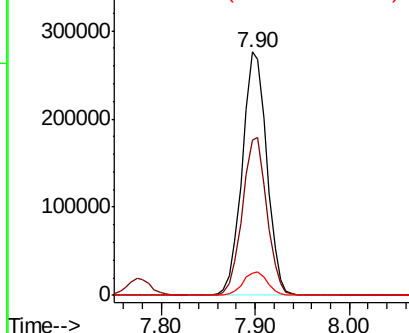
Tot Ion:	83	Resp:	498897
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.4	77.0
127	9.2	7.9	11.9

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.775 ug/l

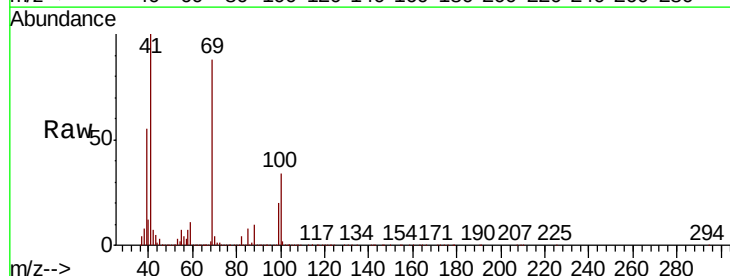
RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

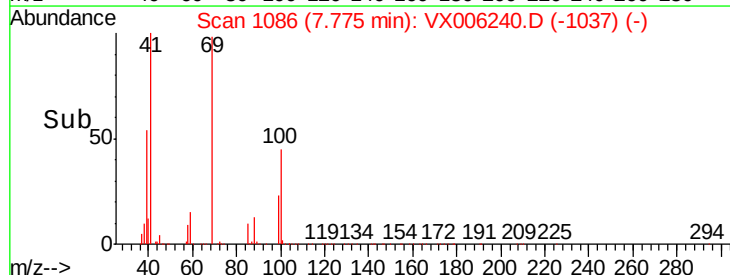
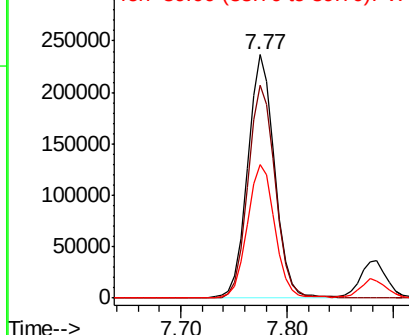
Lab File: VX006240.D

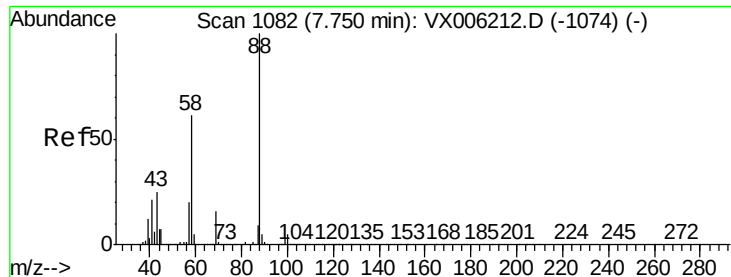
Acq: 30 Nov 2018 19:36

Tgt Ion:	41	Resp:	418208
Ion Ratio	Lower	Upper	
41	100		
69	88.9	70.3	105.5
39	56.1	45.3	67.9



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





#49

1,4-Dioxane

Concen: 956.450 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

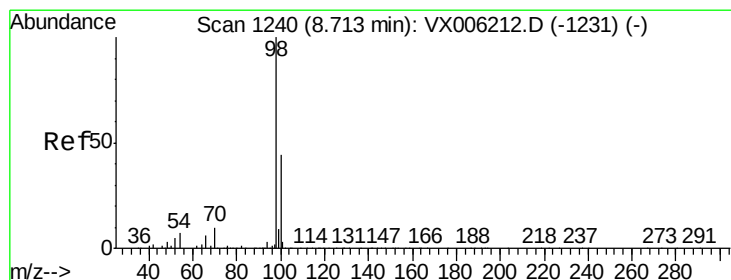
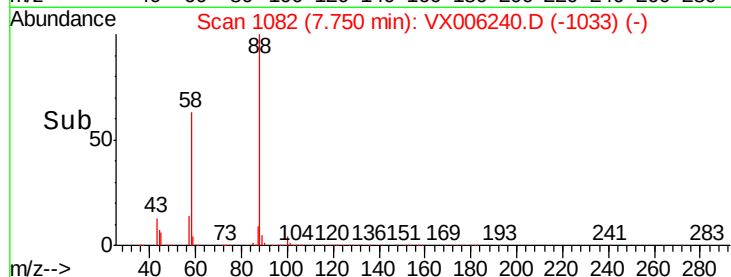
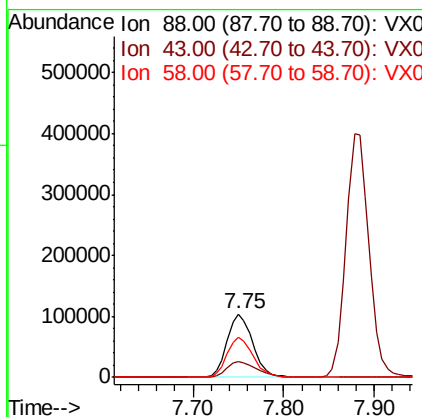
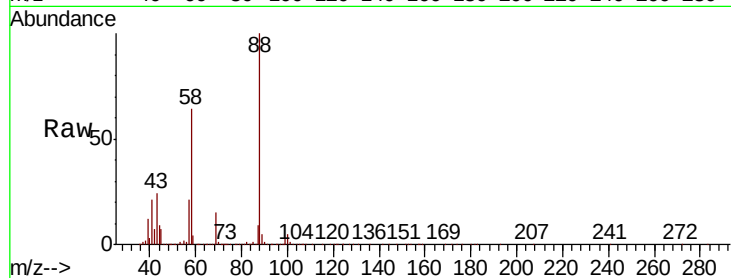
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	202123
Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.2	34.8
58	64.7	51.4	77.0

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#50

Toluene-d8

Concen: 49.273 ug/l

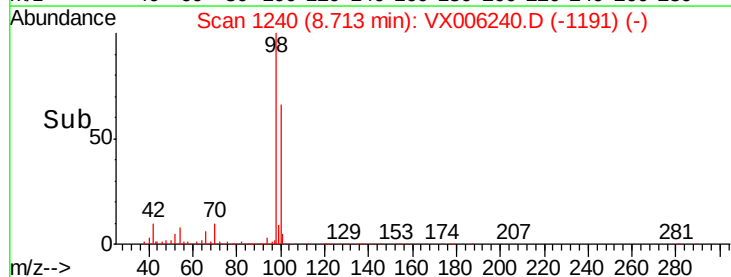
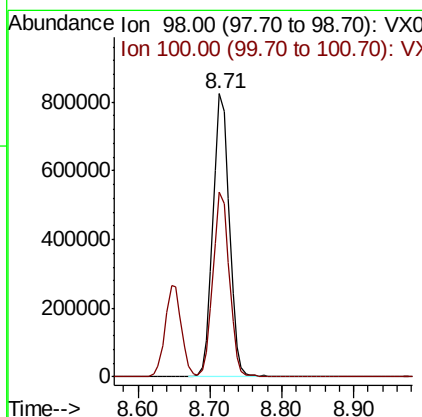
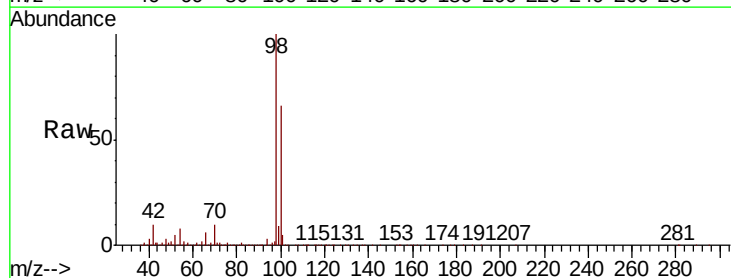
RT: 8.71 min Scan# 1240

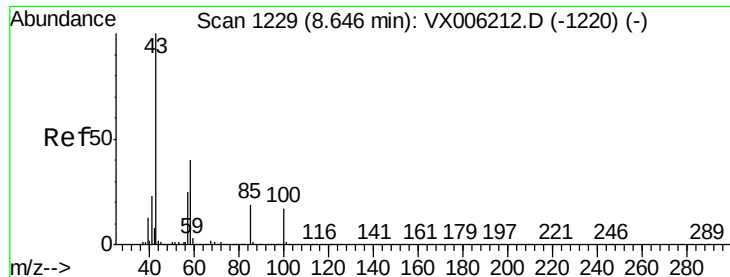
Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion:	98	Resp:	1300760
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 241.672 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2479613

Ion Ratio Lower Upper

43 100

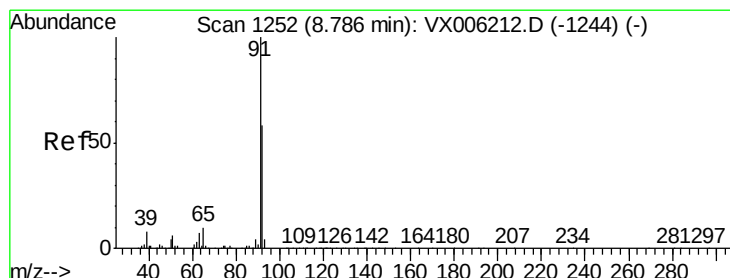
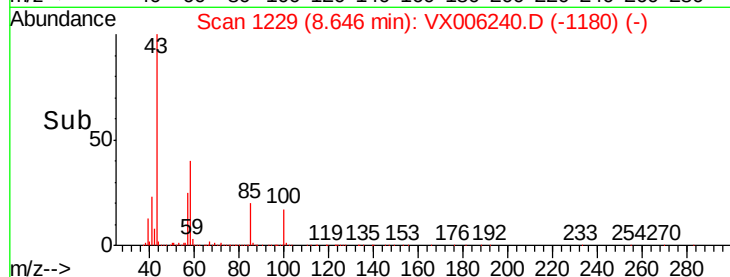
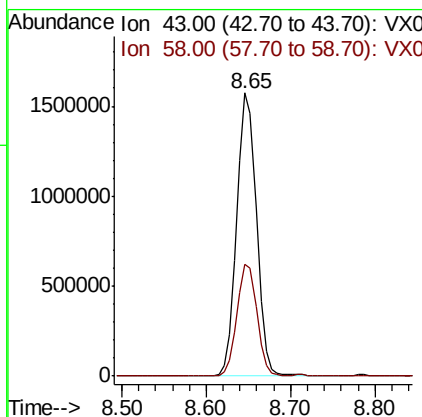
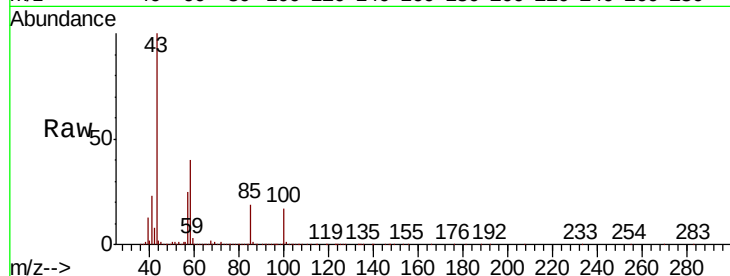
58 39.8 31.3 46.9

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:44 AM



#52

Toluene

Concen: 49.315 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006240.D

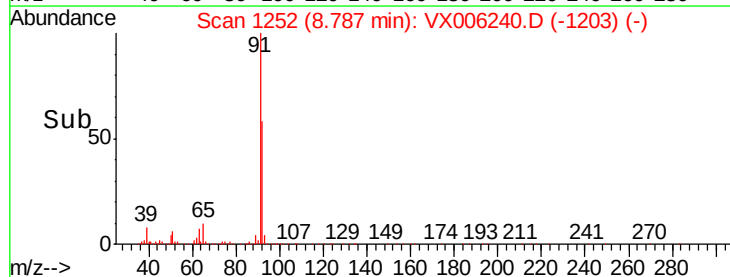
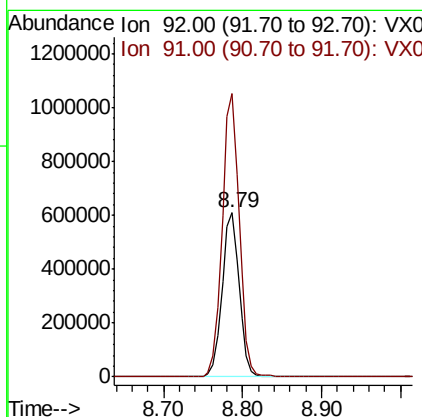
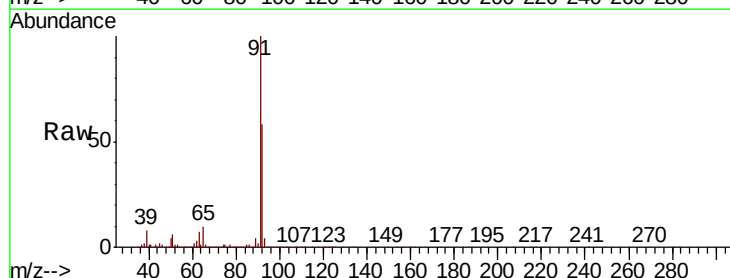
Acq: 30 Nov 2018 19:36

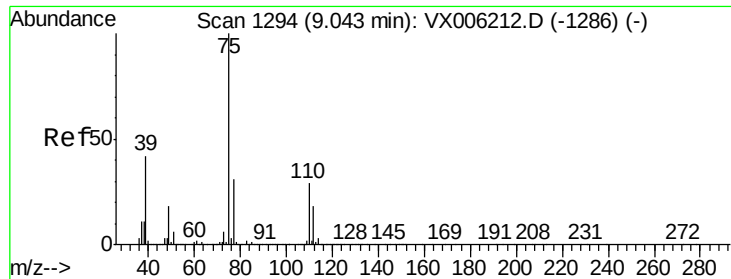
Tgt Ion: 92 Resp: 917273

Ion Ratio Lower Upper

92 100

91 172.9 139.2 208.8





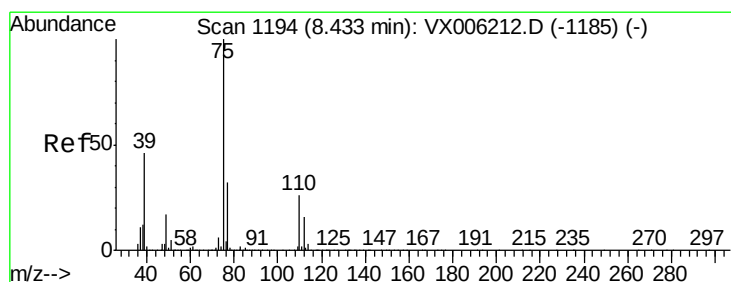
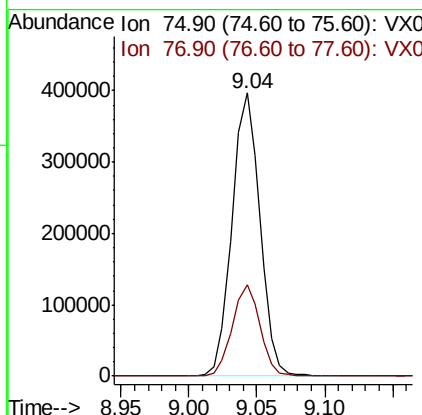
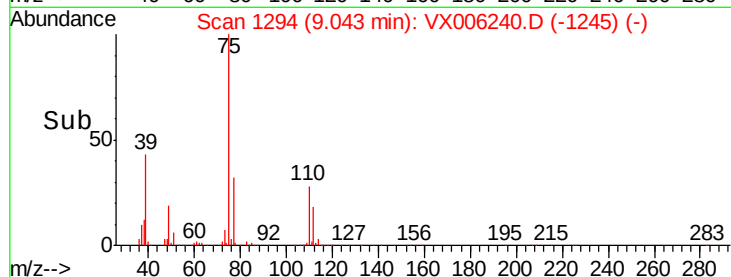
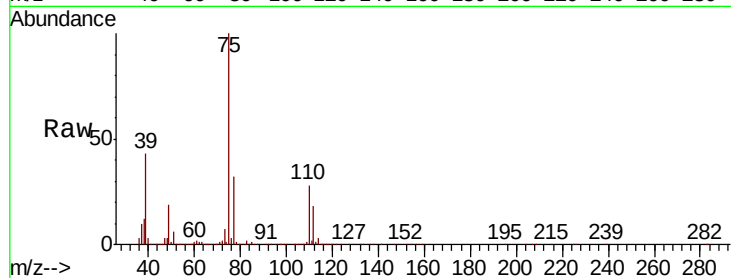
#53
t-1,3-Dichloropropene
Concen: 48.171 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4

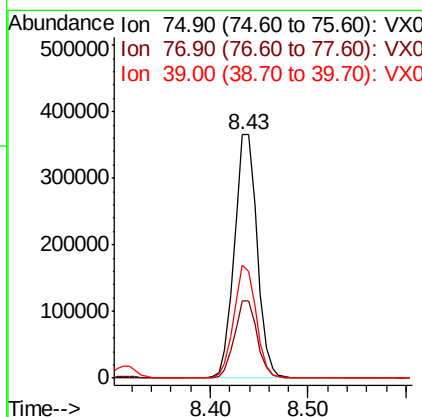
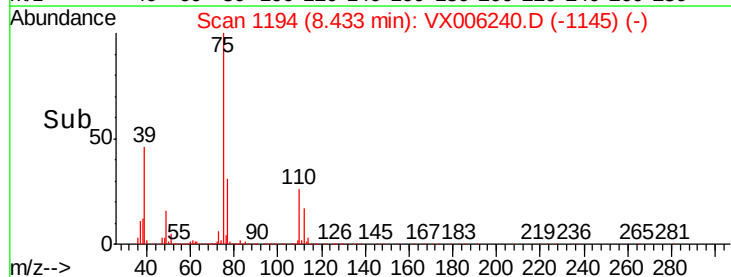
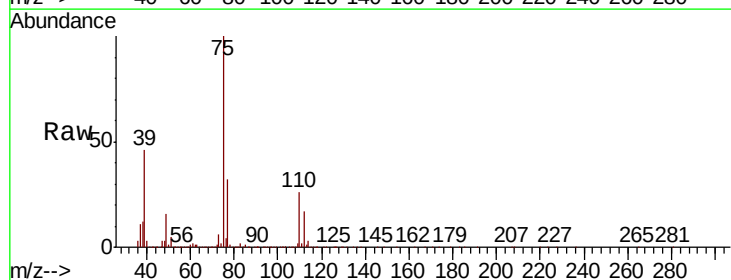
Manual Integrations
APPROVED

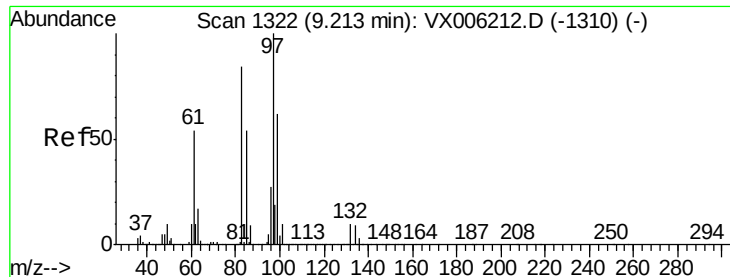
MMDadoda
12/3/2018 11:59:44 AM



#54
cis-1,3-Dichloropropene
Concen: 48.526 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4
39	46.1	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 50.414 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

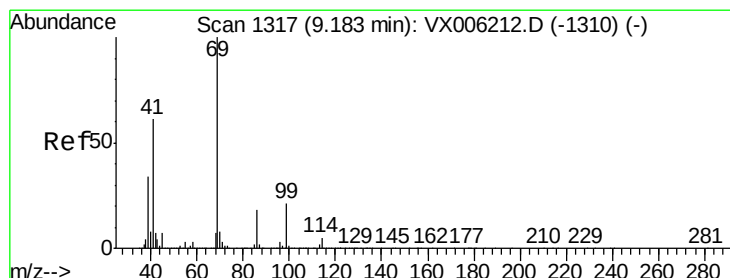
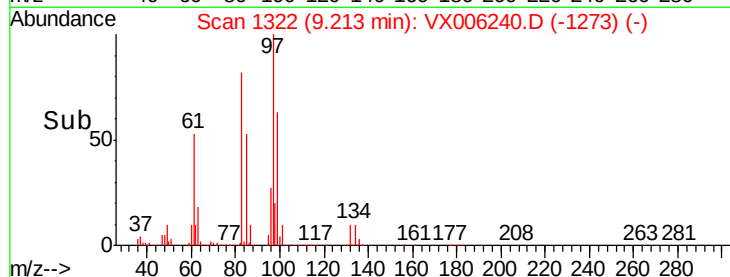
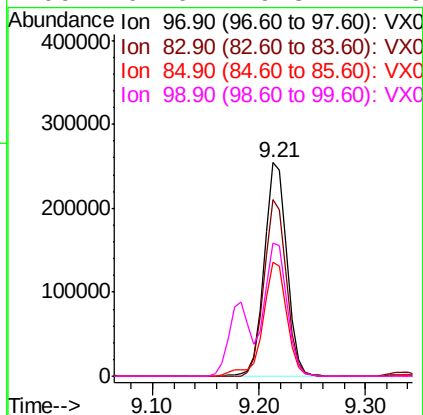
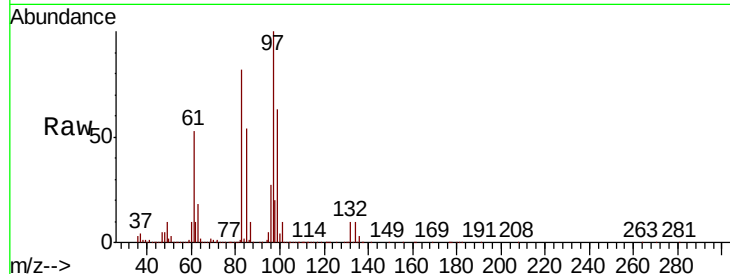
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		380949		
83	82.3	67.1	100.7		
85	53.5	43.2	64.8		
99	62.6	49.8	74.6		

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#56

Ethyl methacrylate

Concen: 49.193 ug/l

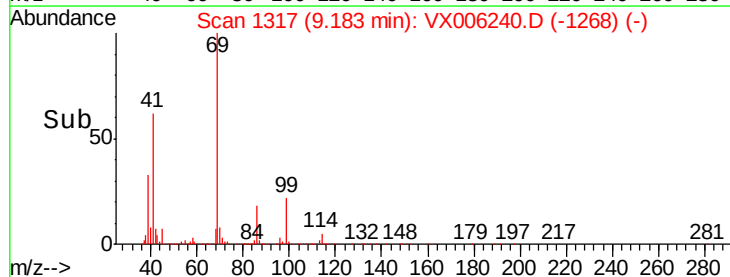
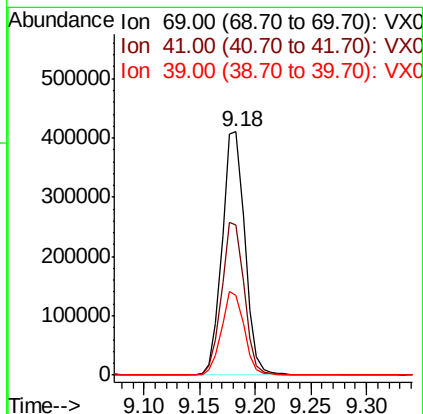
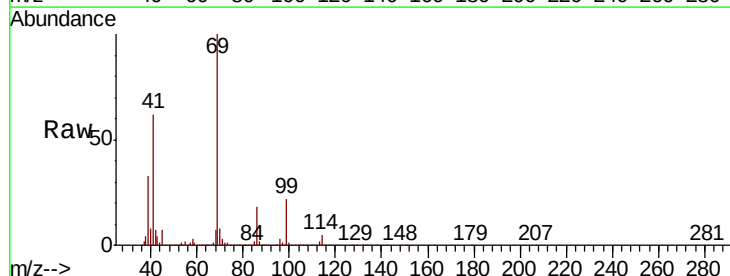
RT: 9.18 min Scan# 1317

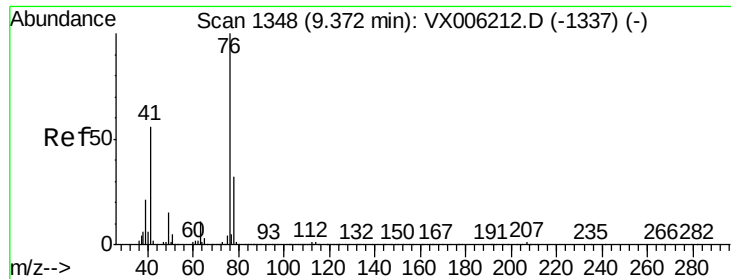
Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		581122		
41	62.7	50.6	76.0		
39	33.9	27.6	41.4		





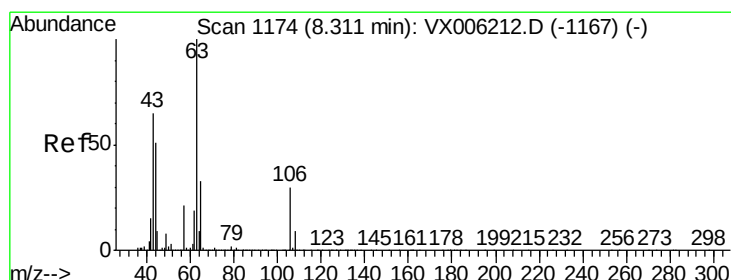
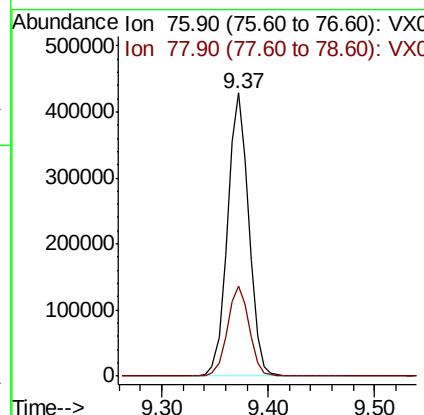
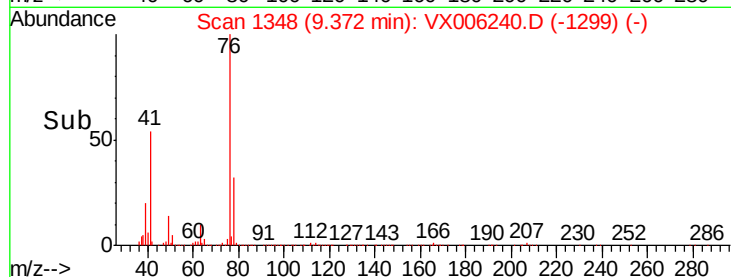
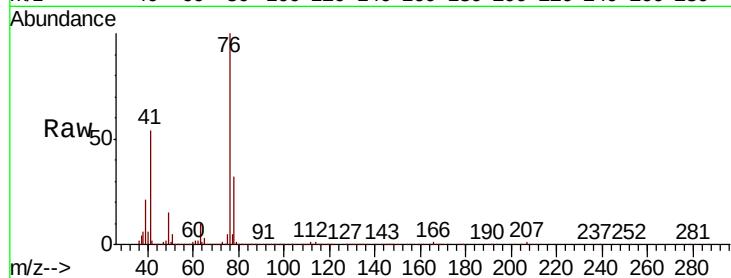
#57
 1,3-Dichloropropane
 Concen: 50.060 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

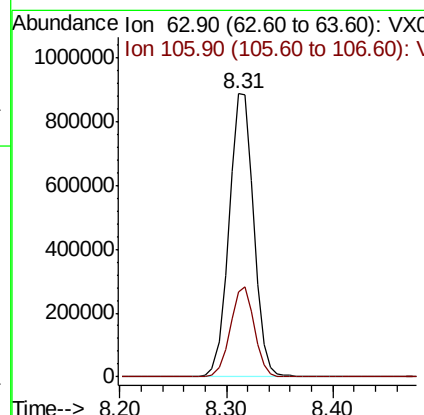
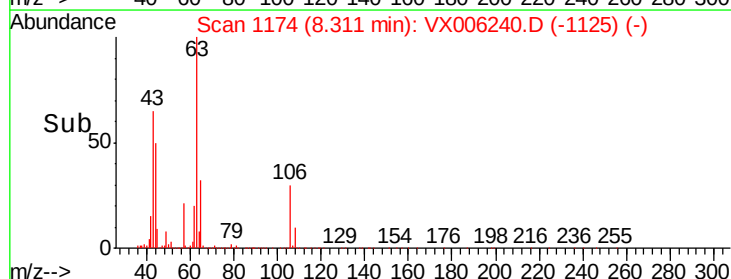
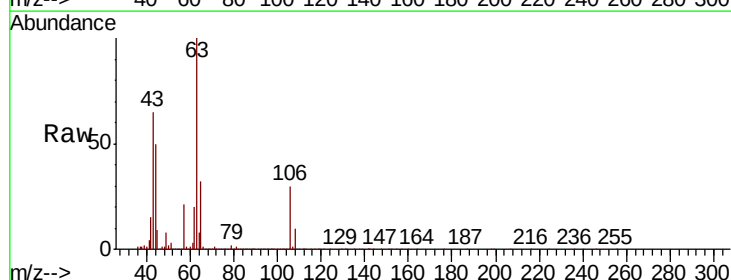
Manual Integrations
 APPROVED

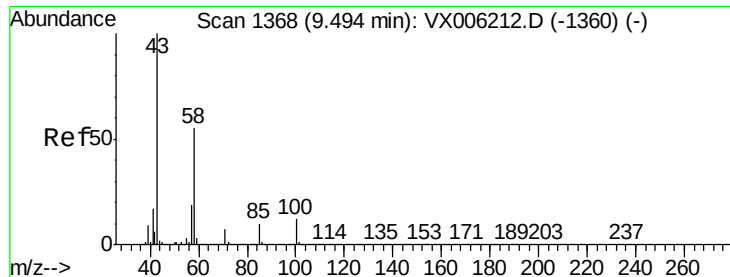
MMDadoda
 12/3/2018 11:59:44 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.487 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	24.9	37.3





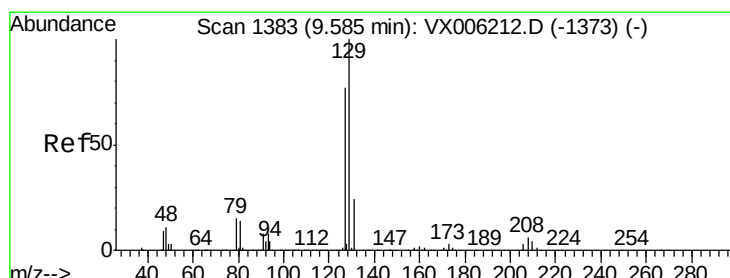
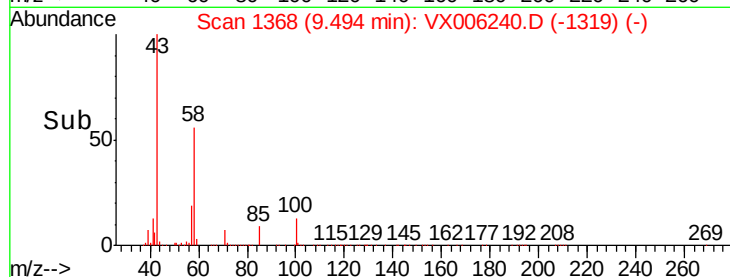
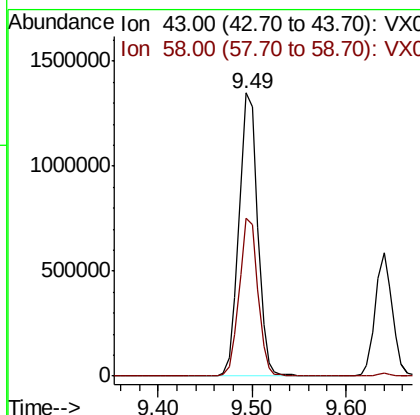
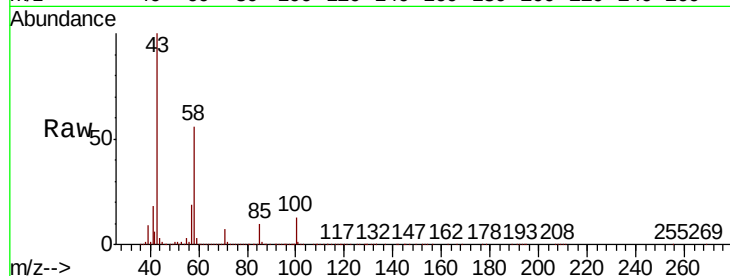
#59
2-Hexanone
Concen: 237.715 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1863410
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1

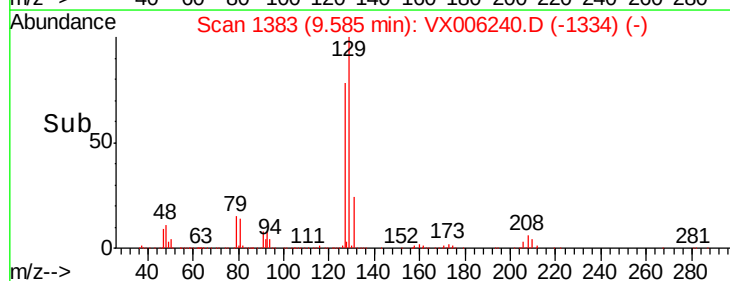
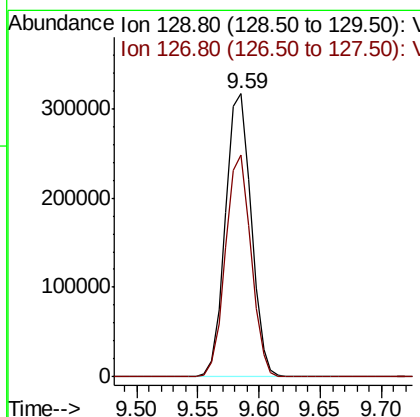
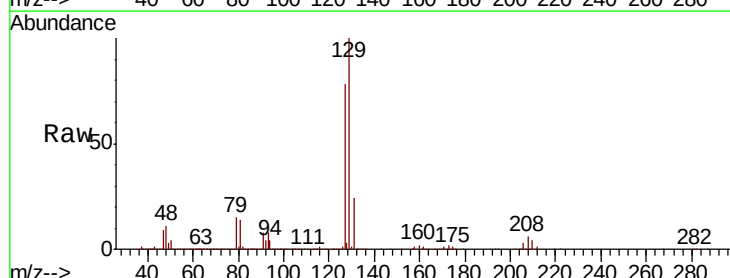
Manual Integrations
APPROVED

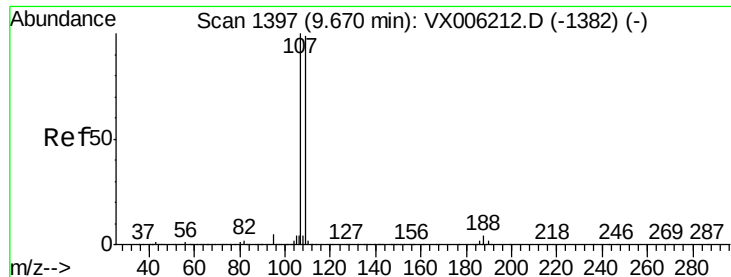
MMDadoda
12/3/2018 11:59:44 AM



#60
Dibromochloromethane
Concen: 49.443 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 129 Resp: 460700
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.505 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 418277

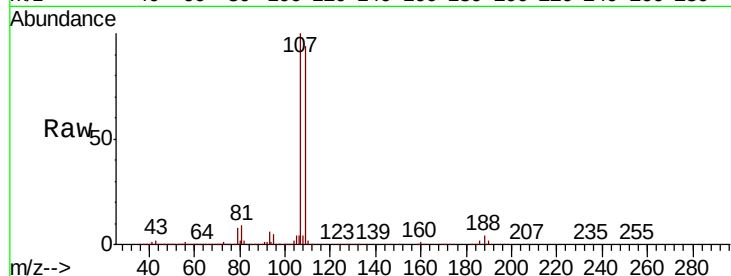
Ion Ratio Lower Upper

107 100

109 94.3 76.3 114.5

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

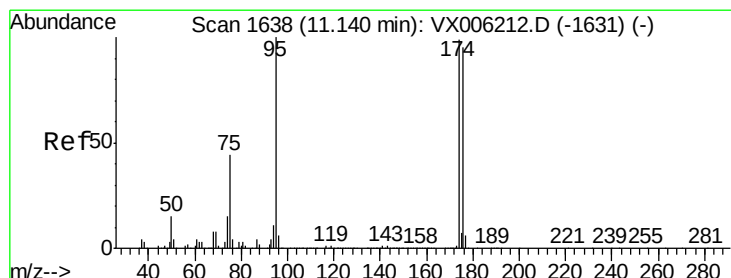
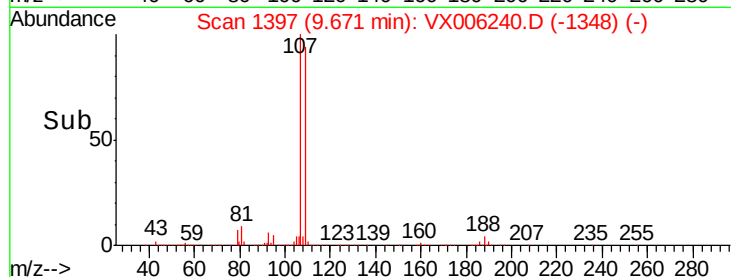
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.446 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

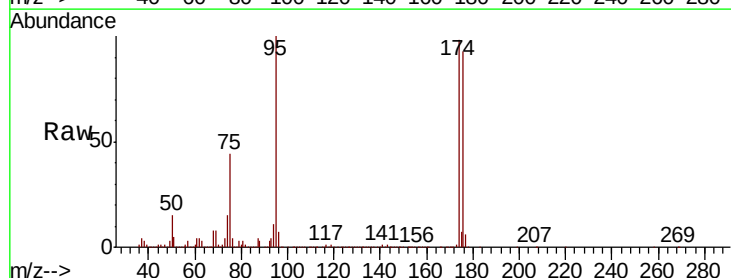
Tgt Ion: 95 Resp: 491885

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.0

176 89.1 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

500000

400000

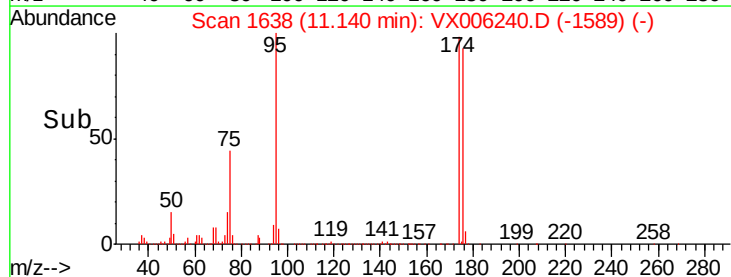
300000

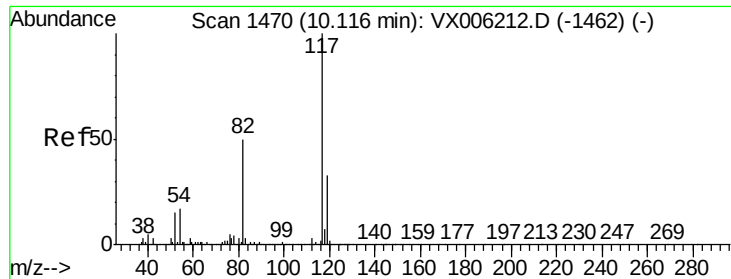
200000

100000

0

Time-->





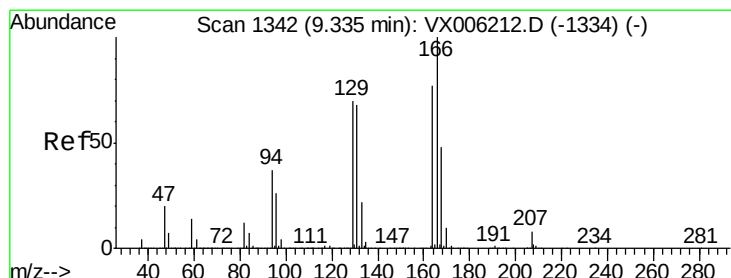
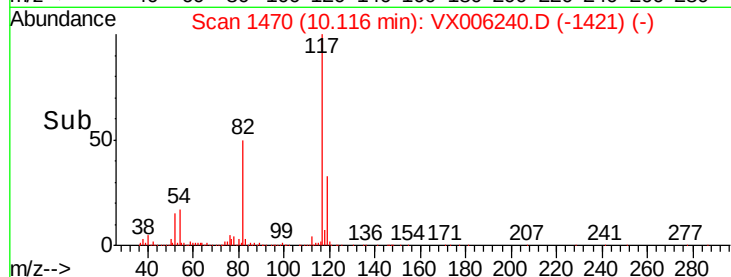
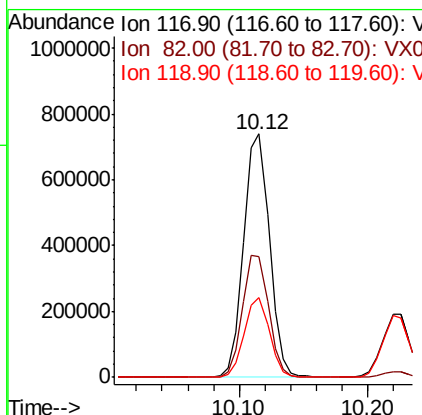
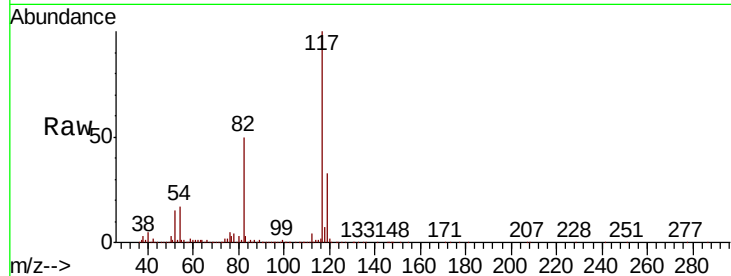
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	39.6	59.4
119	32.7	26.3	39.5

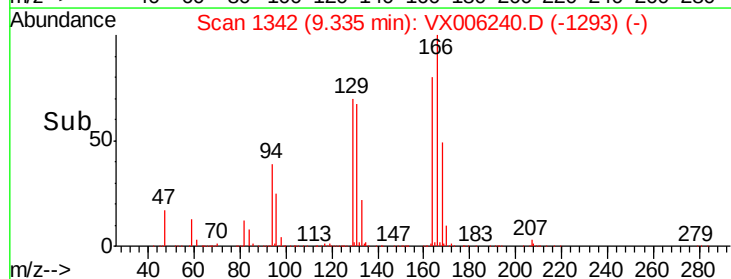
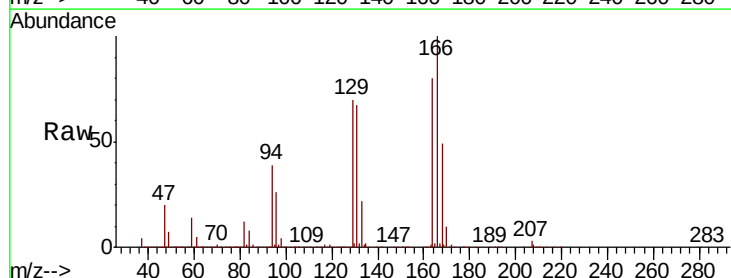
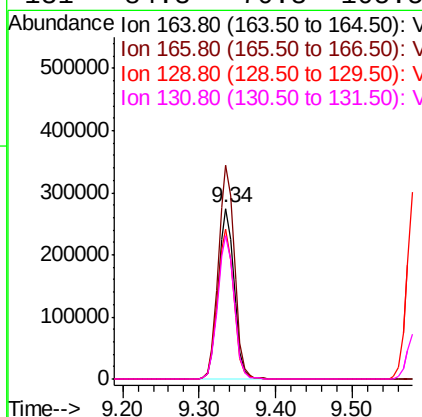
Manual Integrations
APPROVED

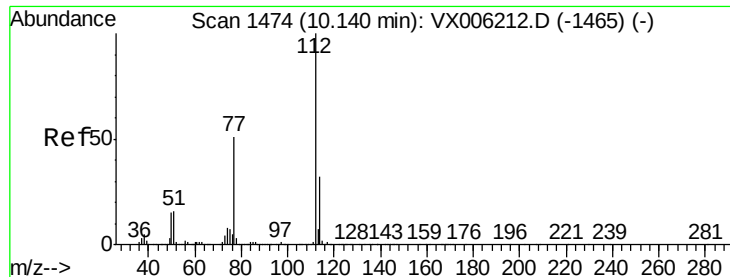
MMDadoda
12/3/2018 11:59:44 AM



#64
Tetrachloroethene
Concen: 51.185 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	104.2	156.2
129	88.0	72.6	108.8
131	84.3	70.3	105.5





#65

Chlorobenzene

Concen: 49.285 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1069795

Ion Ratio Lower Upper

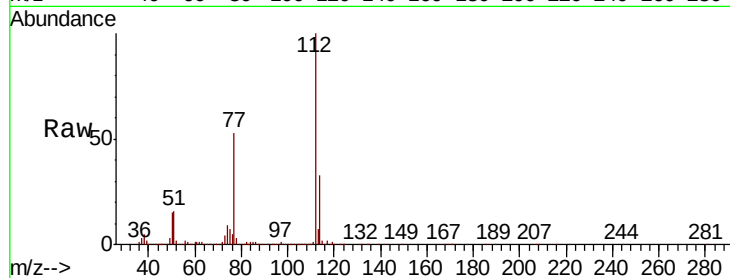
112 100

114 33.1 25.4 38.2

Manual Integrations
APPROVED

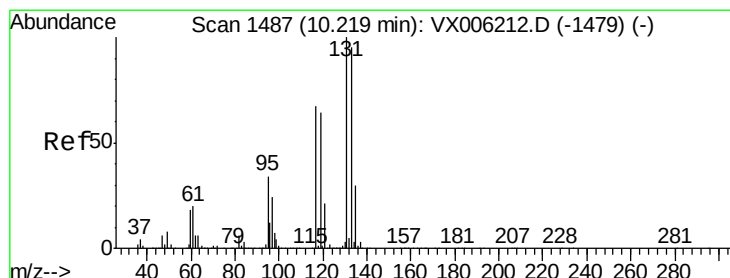
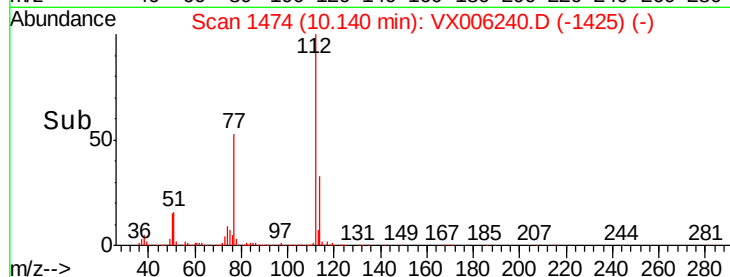
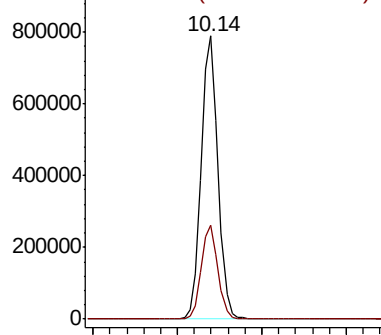
MMDadoda

12/3/2018 11:59:44 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.664 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

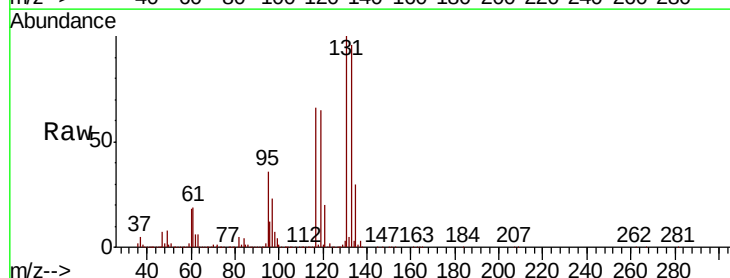
Tgt Ion:131 Resp: 418852

Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

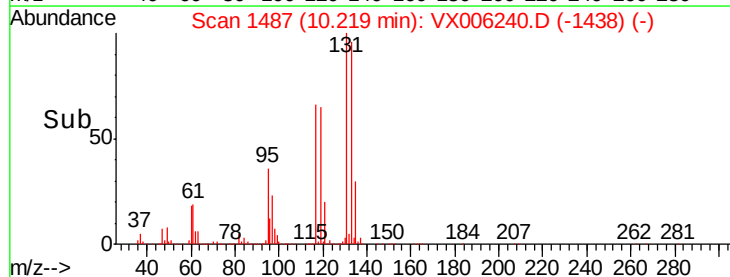
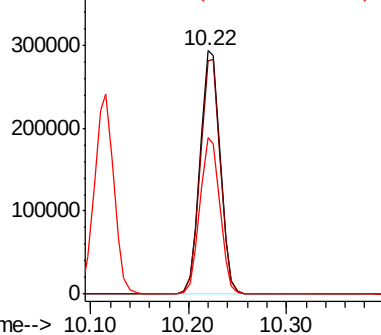
119 64.1 32.1 96.3

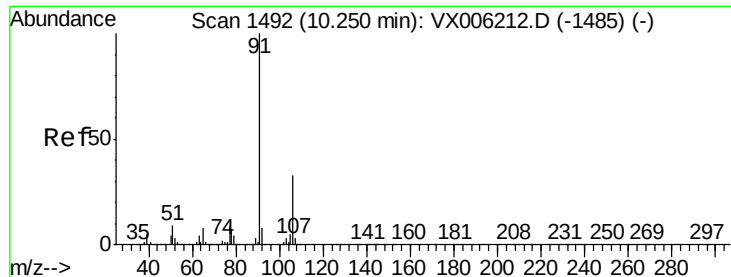


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.946 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1767041

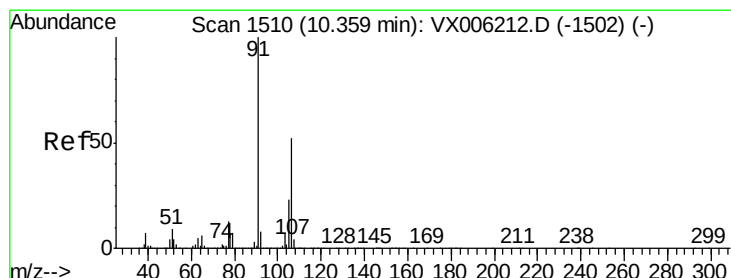
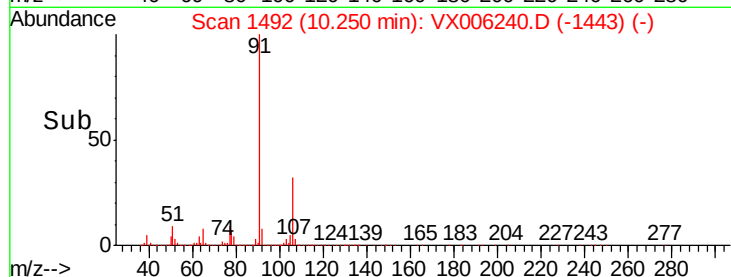
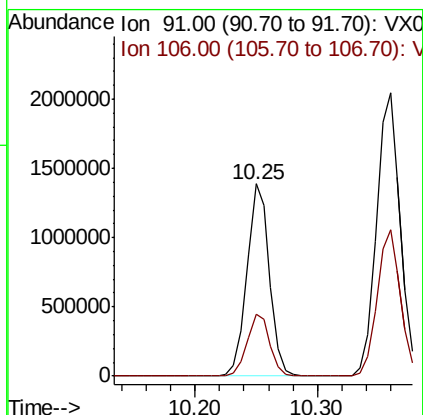
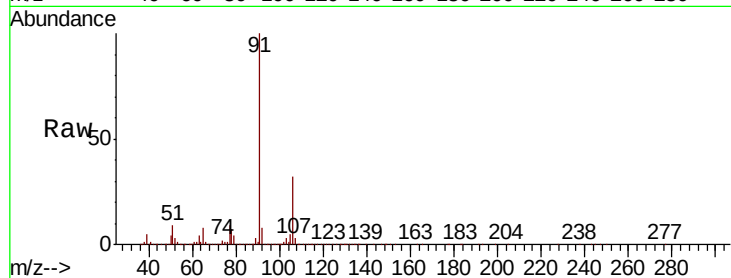
Ion Ratio Lower Upper

91 100

106 32.3 26.5 39.7

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#68

m/p-Xylenes

Concen: 97.244 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006240.D

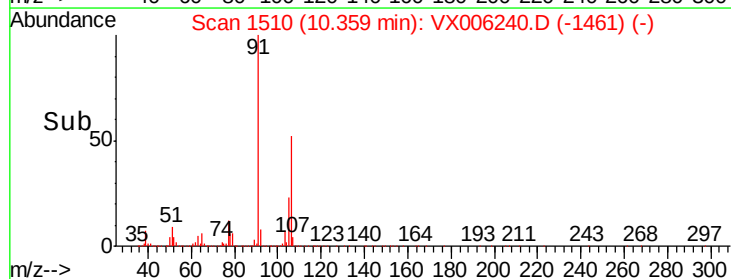
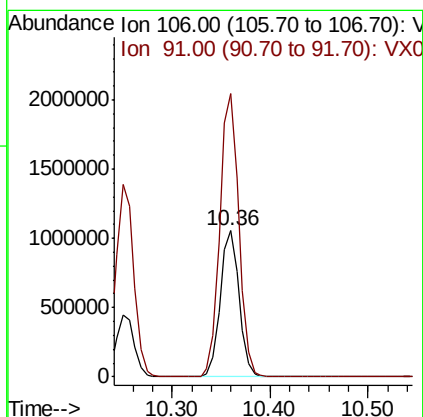
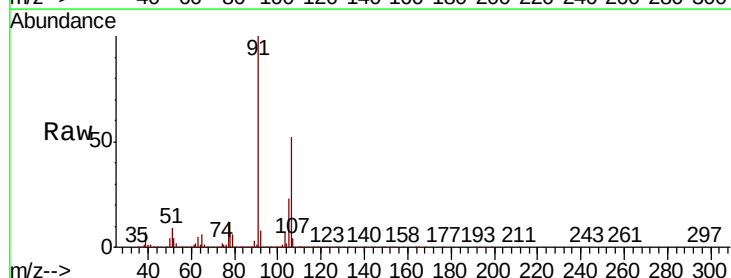
Acq: 30 Nov 2018 19:36

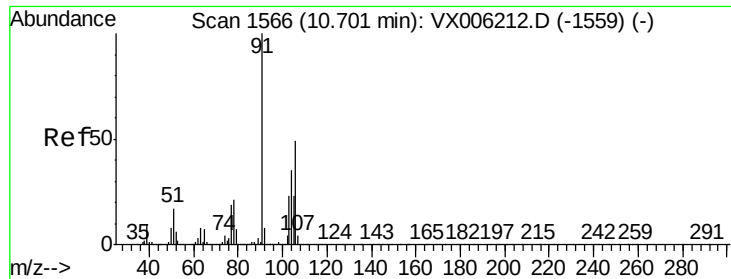
Tgt Ion: 106 Resp: 1406281

Ion Ratio Lower Upper

106 100

91 195.2 155.2 232.8





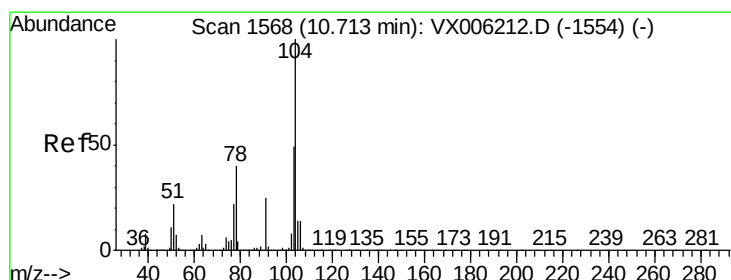
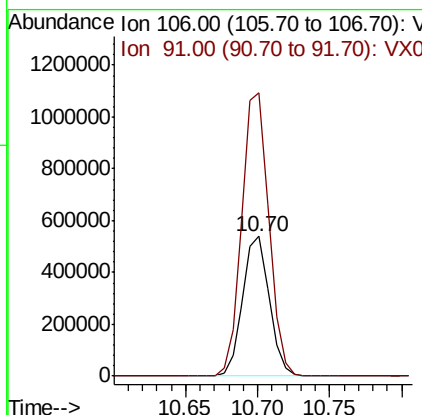
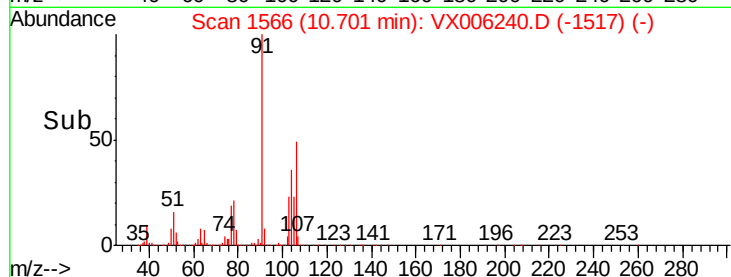
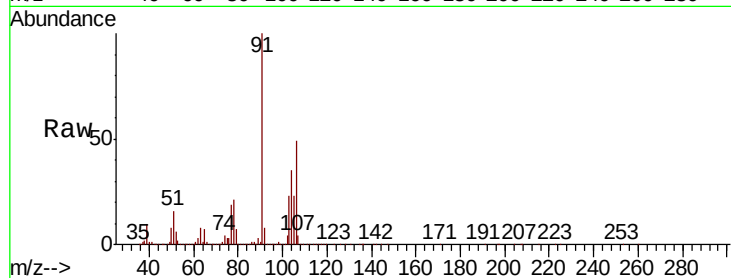
#69
o-Xylene
Concen: 48.320 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.5	101.8	305.6

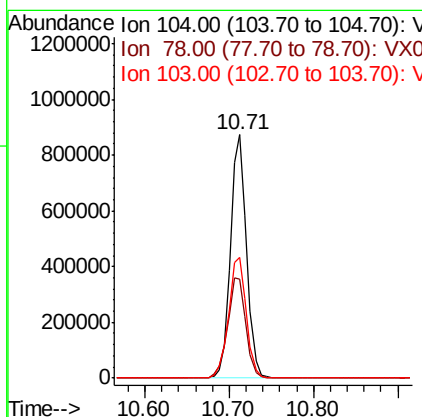
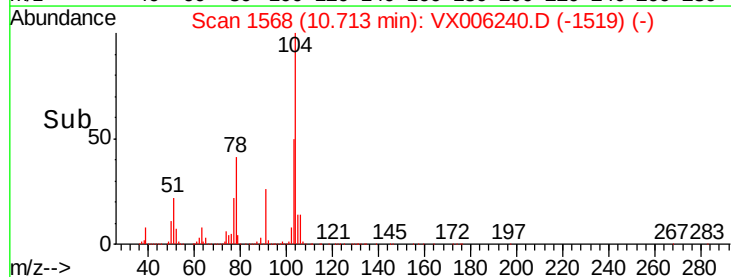
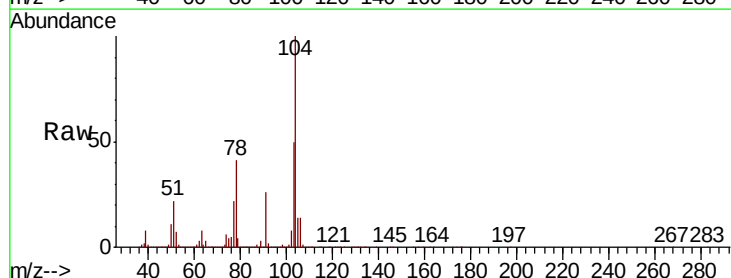
Manual Integrations
APPROVED

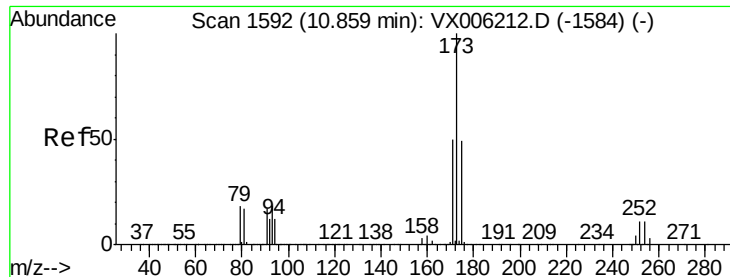
MMDadoda
12/3/2018 11:59:44 AM



#70
Styrene
Concen: 49.004 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.2	55.8
103	55.0	43.5	65.3





#71

Bromoform

Concen: 49.067 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

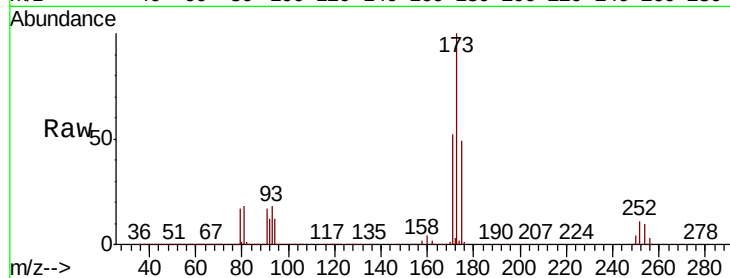
ClientSampleId :

VSTDCCC050EC

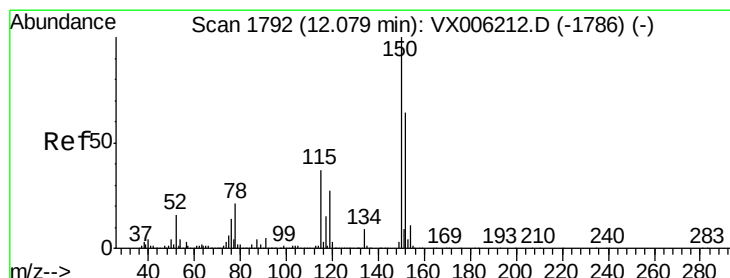
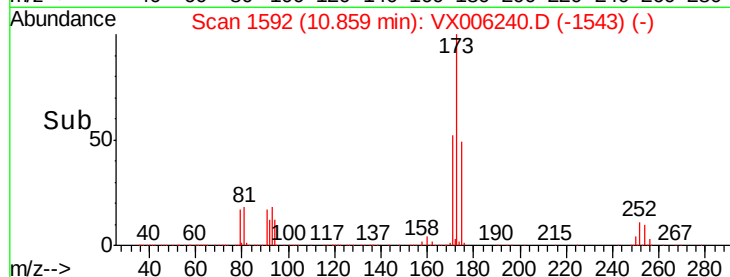
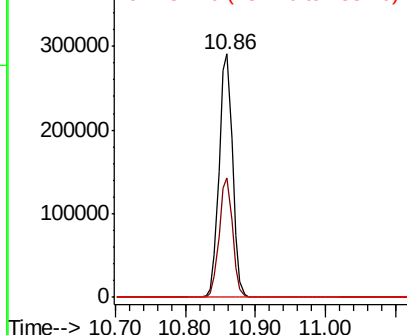
Tot Ion:	173	Resp:	390636
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 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

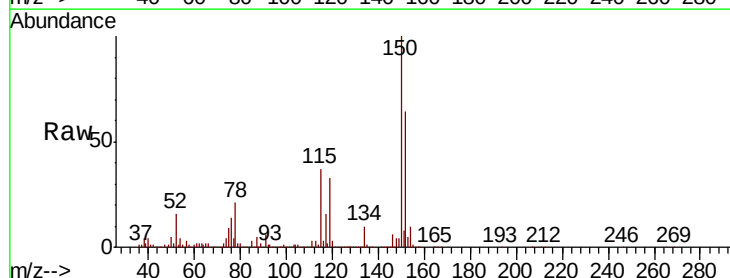
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

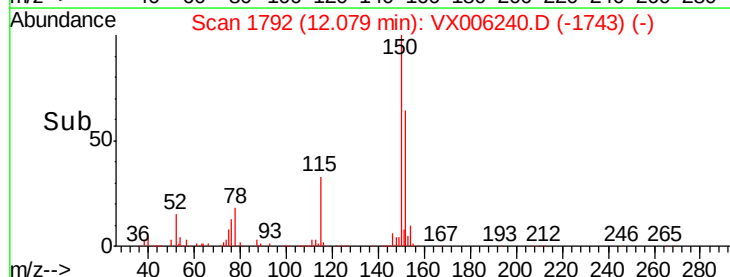
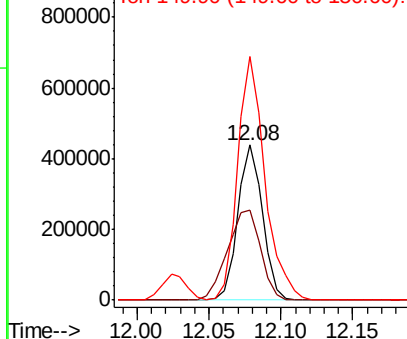
Lab File: VX006240.D

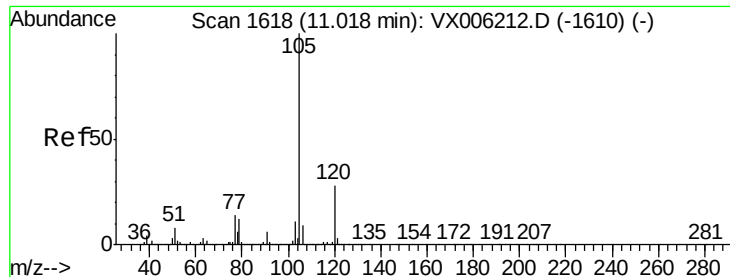
Acq: 30 Nov 2018 19:36

Tgt Ion:	152	Resp:	524164
Ion Ratio	Lower	Upper	
152	100		
115	78.0	39.0	116.9
150	173.3	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: 50.378 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1823580

Ion Ratio Lower Upper

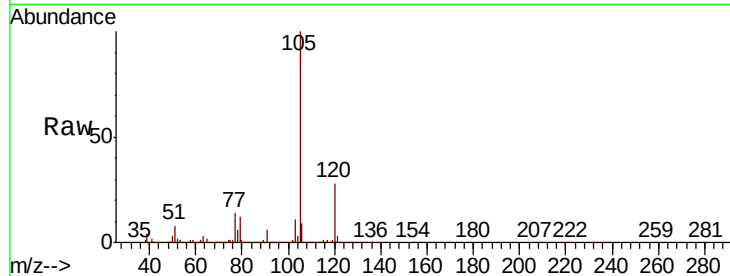
105 100

120 28.3 14.1 42.3

Manual Integrations
APPROVED

MMDadoda

12/3/2018 11:59:44 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

1000000

500000

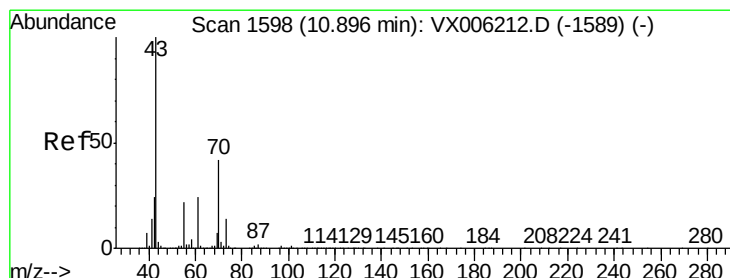
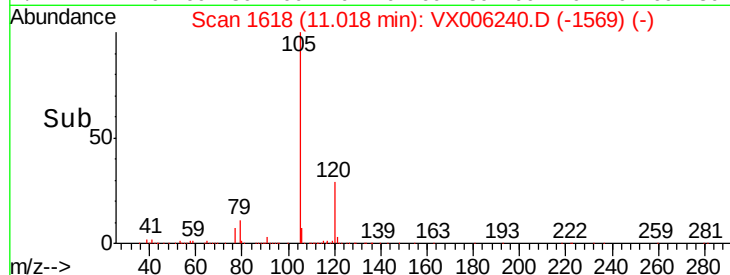
0

11.02

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 47.756 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion: 43 Resp: 744400

Ion Ratio Lower Upper

43 100

70 43.0 34.1 51.1

55 23.0 17.8 26.8

61 25.1 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

1000000

800000

600000

400000

200000

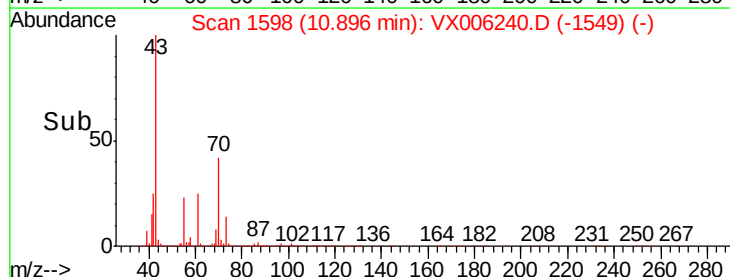
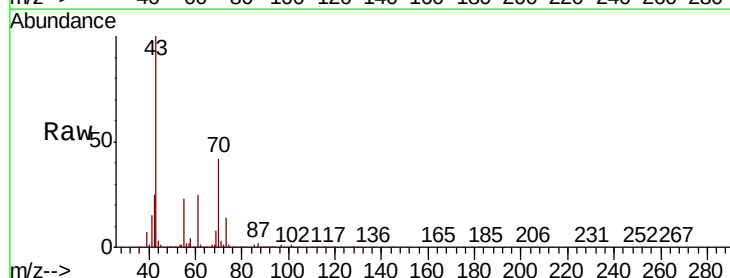
0

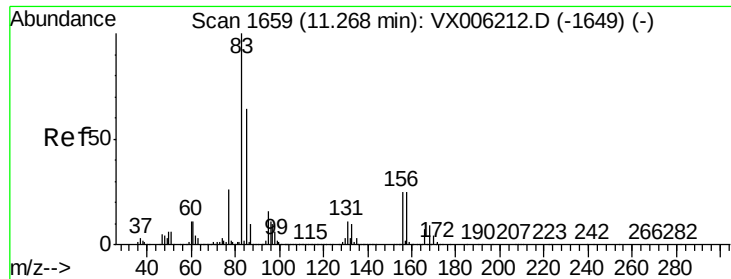
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.140 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 569067

Ion Ratio Lower Upper

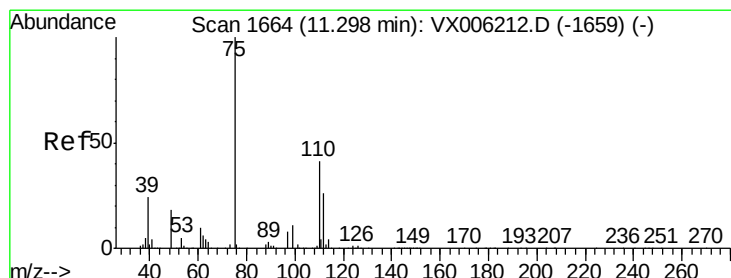
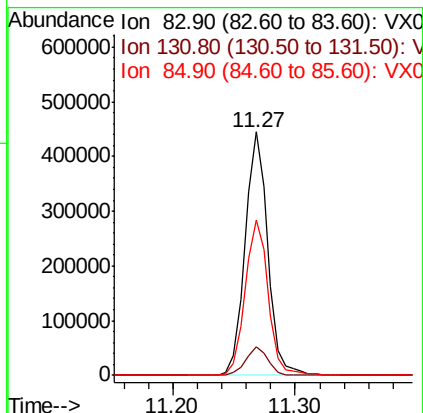
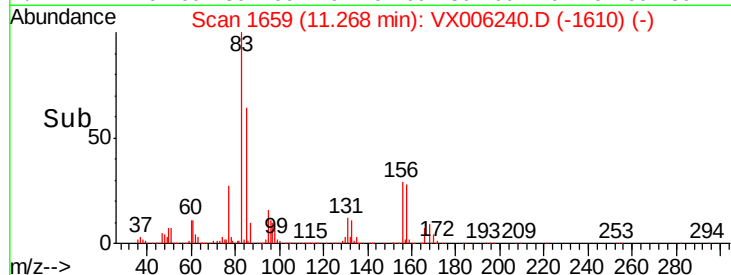
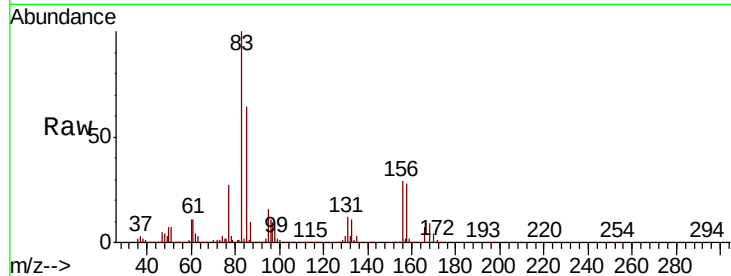
83 100

131 11.4 5.7 17.1

85 64.8 32.1 96.5

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#76

1,2,3-Trichloropropane

Concen: 43.900 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006240.D

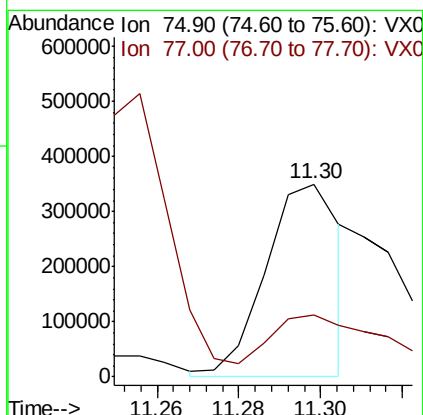
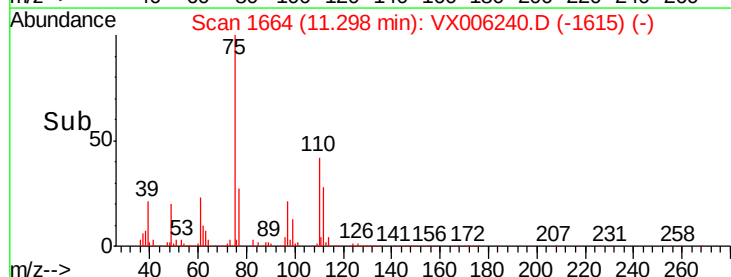
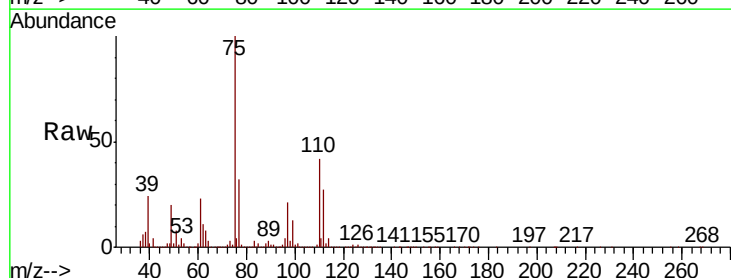
Acq: 30 Nov 2018 19:36

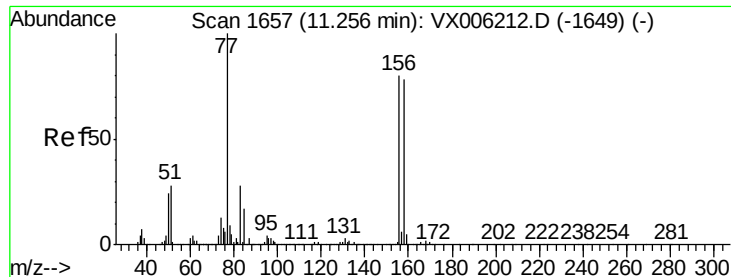
Tgt Ion: 75 Resp: 444148

Ion Ratio Lower Upper

75 100

77 48.7 19.9 59.7





#77

Bromobenzene

Concen: 50.218 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

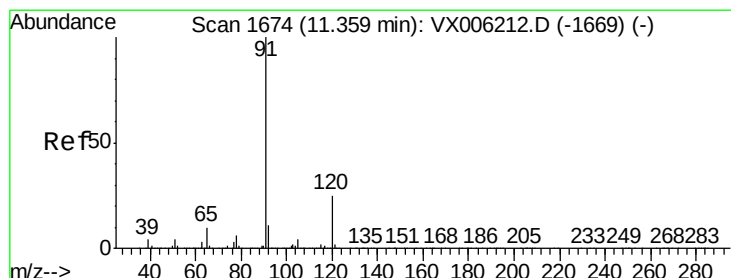
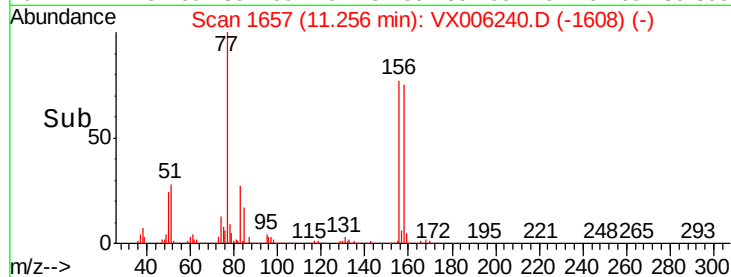
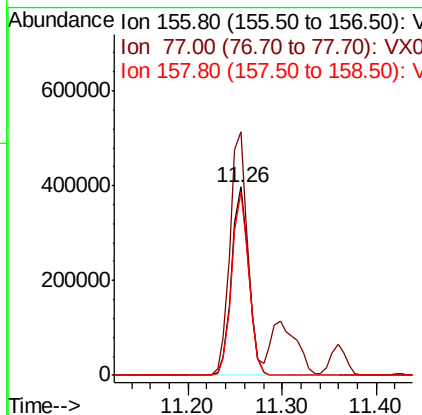
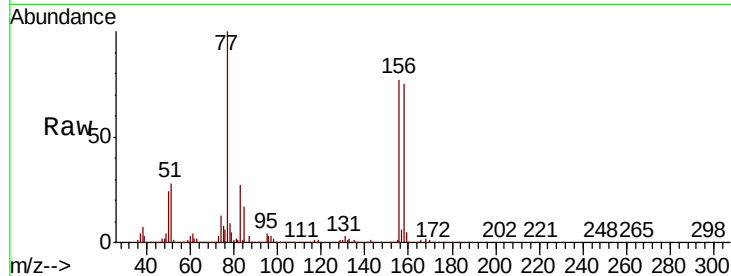
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	504466
Ion Ratio	Lower	Upper	
156	100		
77	133.0	66.2	198.6
158	96.6	48.8	146.4

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:44 AM



#78

n-propylbenzene

Concen: 50.372 ug/l

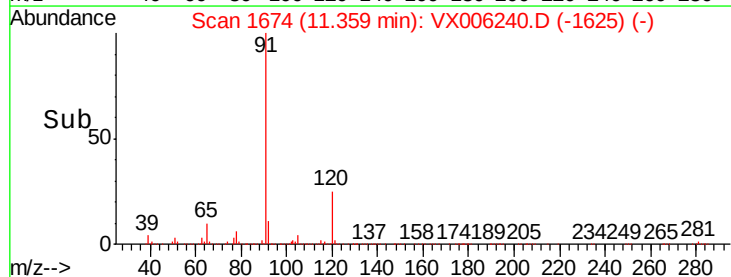
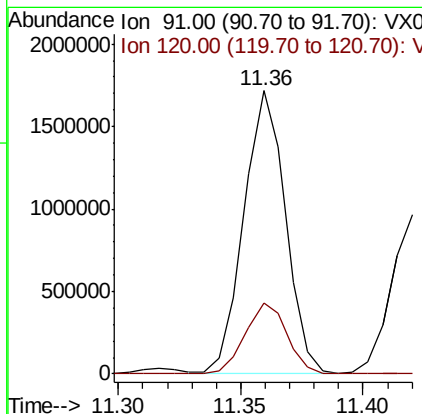
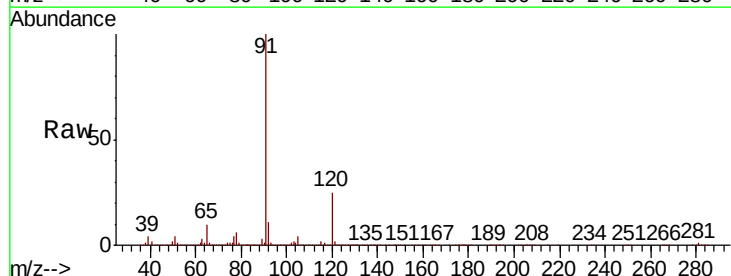
RT: 11.36 min Scan# 1674

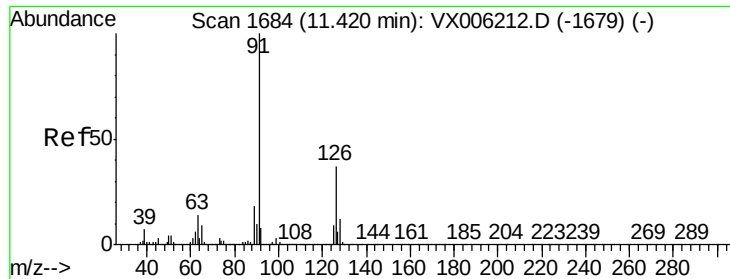
Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion:	91	Resp:	2026849
Ion Ratio	Lower	Upper	
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 50.037 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1196664

Ion Ratio Lower Upper

91 100

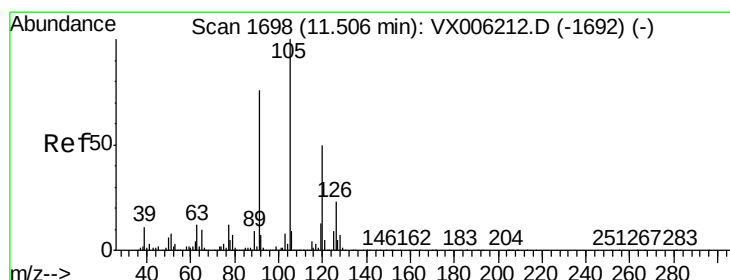
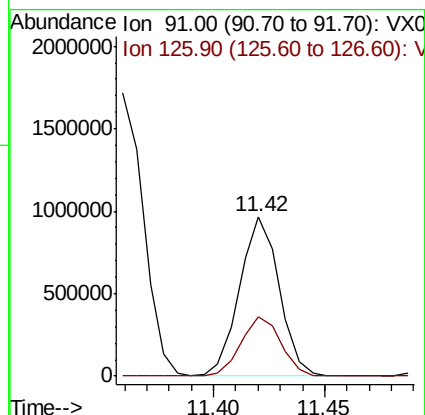
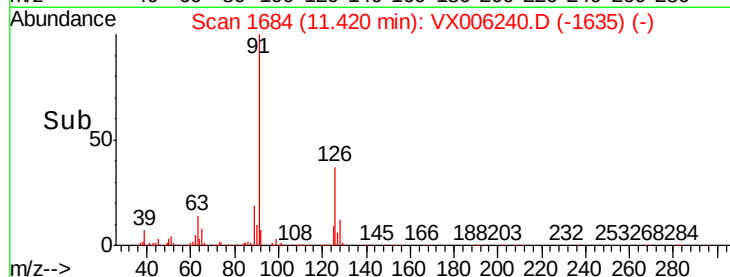
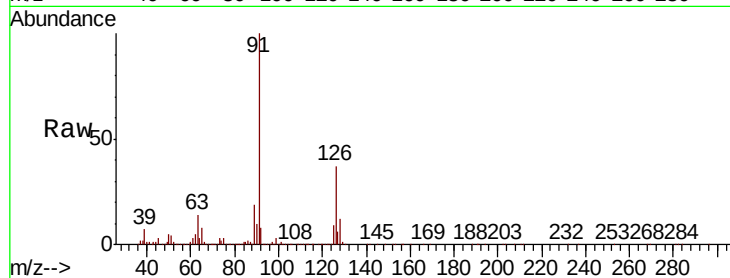
126 37.5 18.6 56.0

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:44 AM



#80

1,3,5-Trimethylbenzene

Concen: 50.003 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006240.D

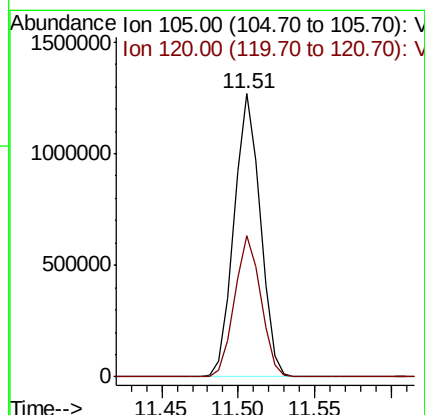
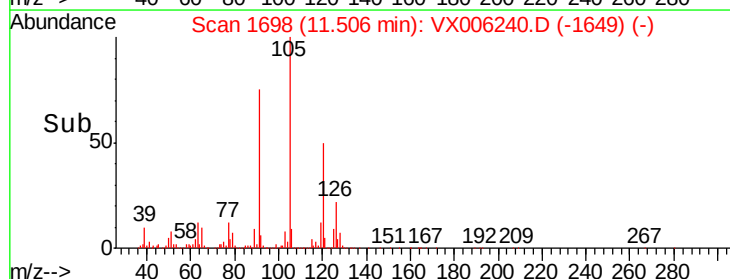
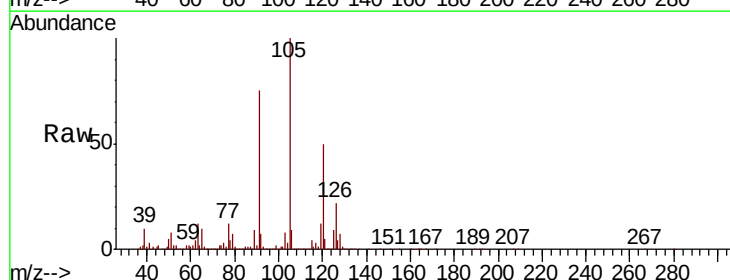
Acq: 30 Nov 2018 19:36

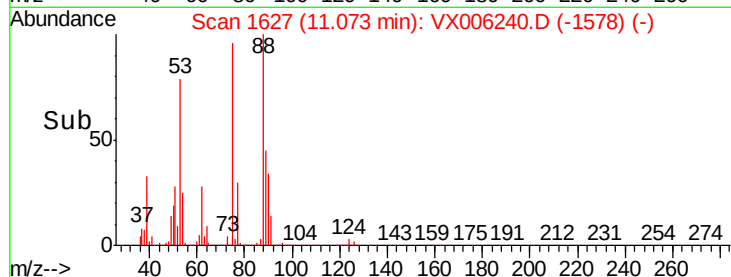
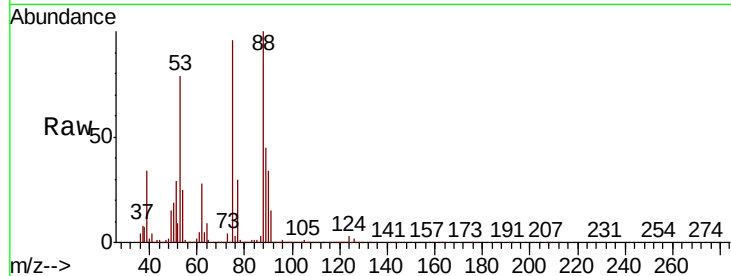
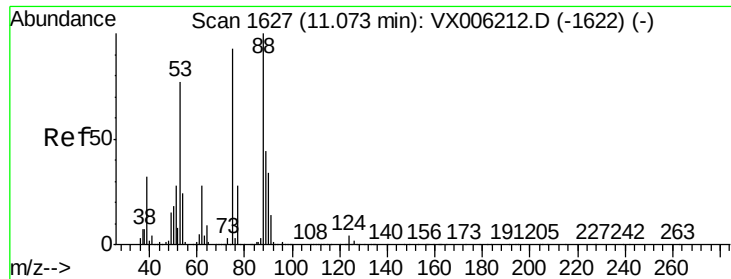
Tgt Ion: 105 Resp: 1505985

Ion Ratio Lower Upper

105 100

120 50.0 25.4 76.0





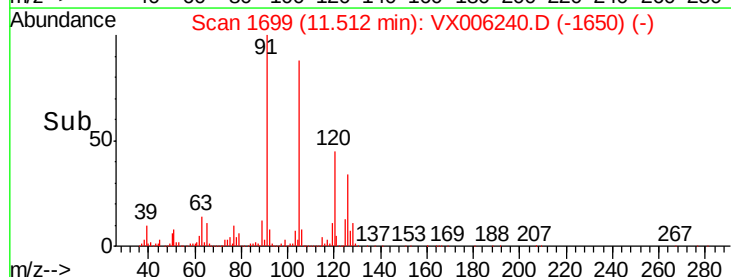
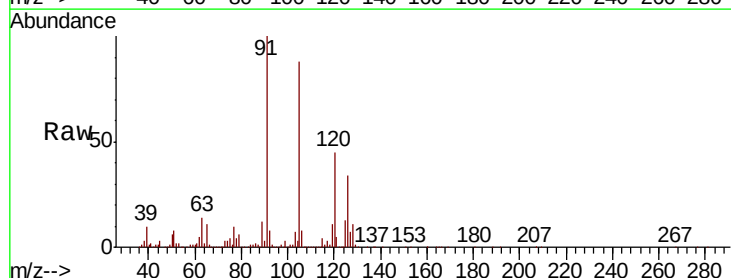
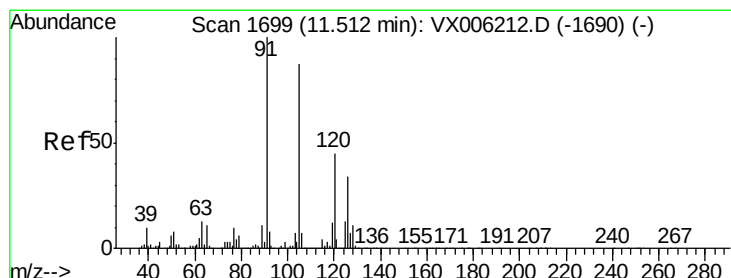
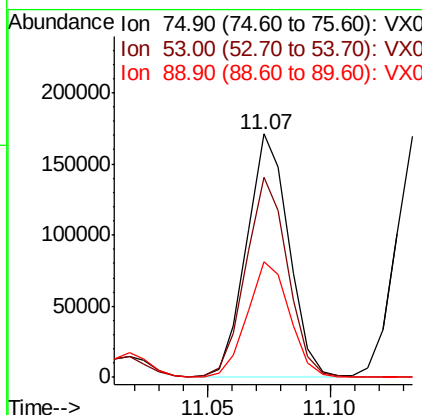
#81
trans-1,4-Dichloro-2-butene
Concen: 47.712 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.2	64.4	96.6
89	47.8	44.2	66.4

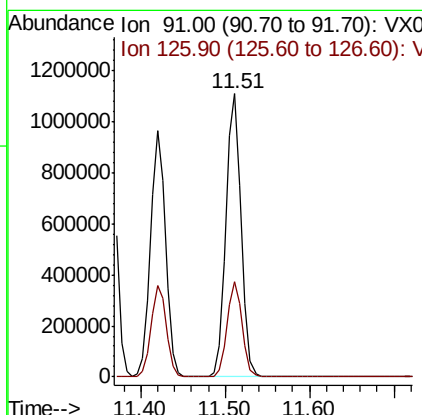
Manual Integrations
APPROVED

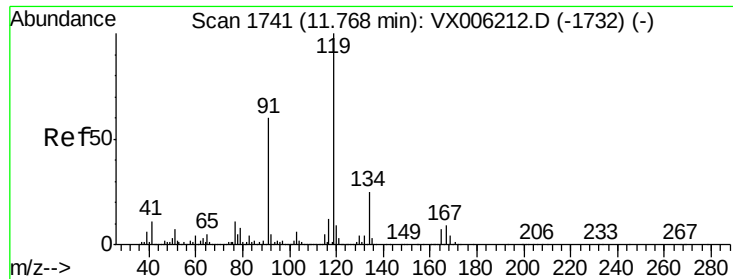
MMDadoda
12/3/2018 11:59:44 AM



#82
4-Chlorotoluene
Concen: 49.706 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





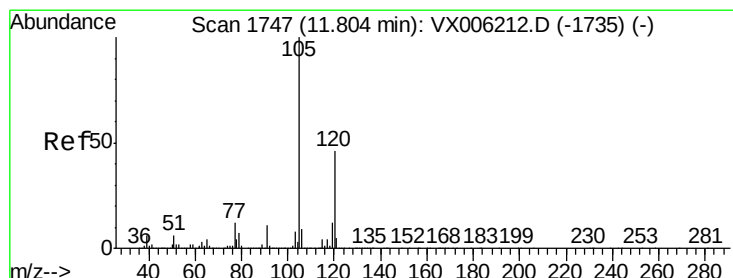
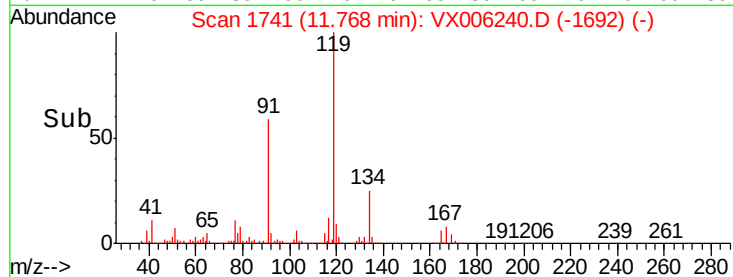
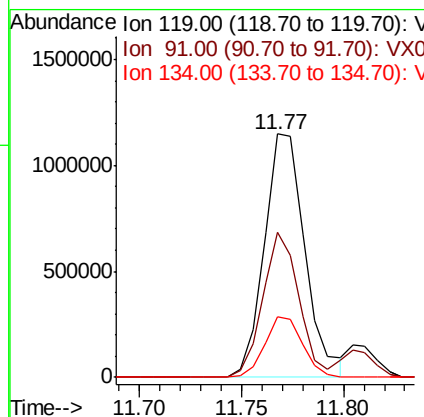
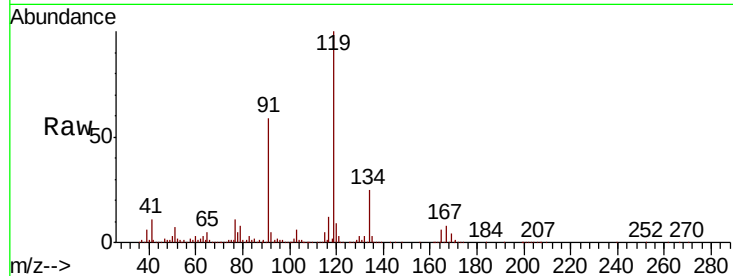
#83
 tert-Butylbenzene
 Concen: 49.843 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	52.7	26.4	79.2
134	23.2	11.6	34.7

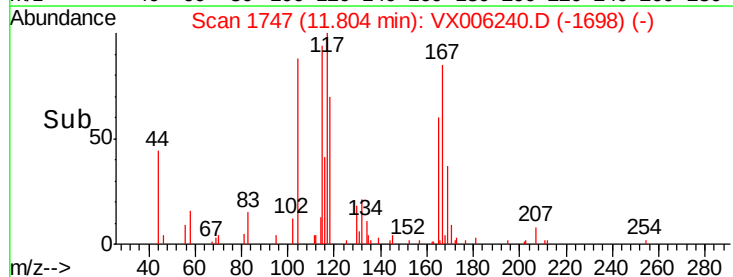
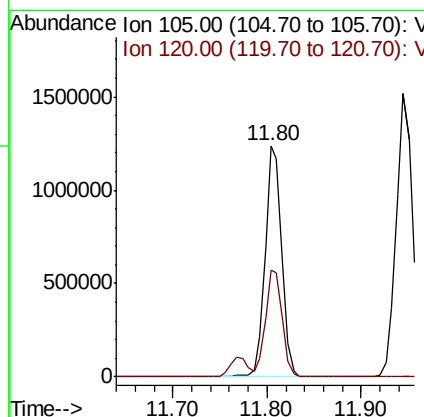
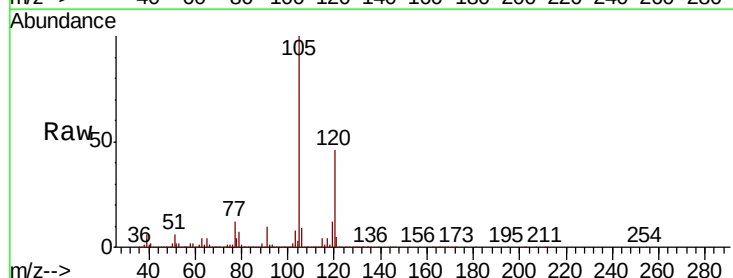
Manual Integrations
 APPROVED

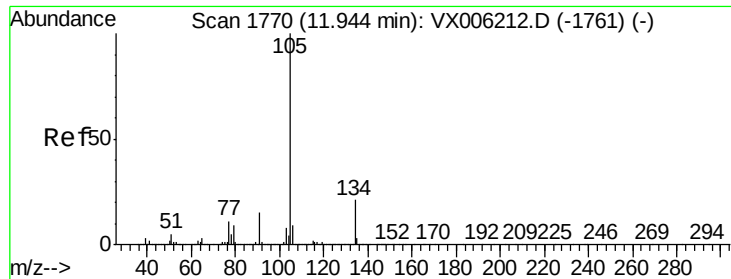
MMDadoda
 12/3/2018 11:59:44 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.440 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.0





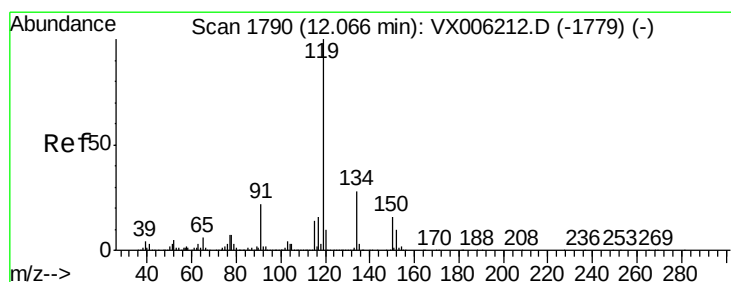
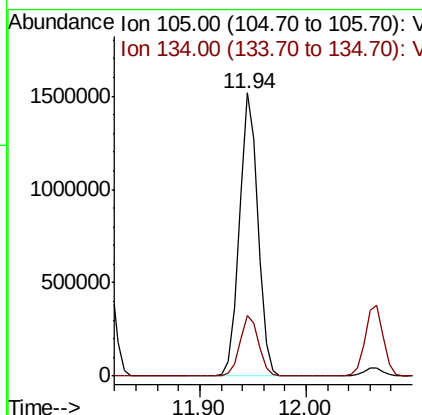
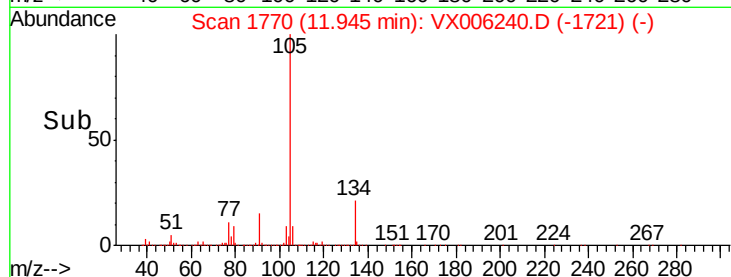
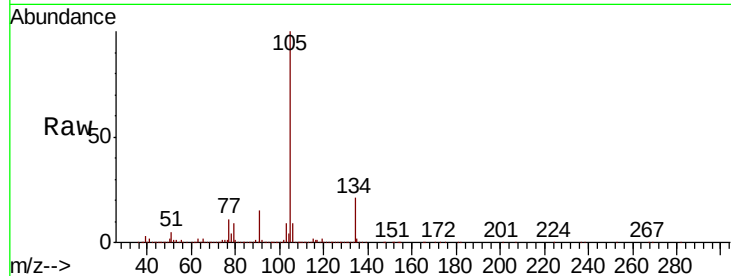
#85
 sec-Butylbenzene
 Concen: 50.365 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1841228
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.4

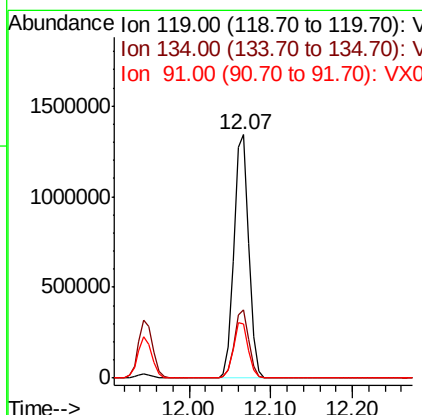
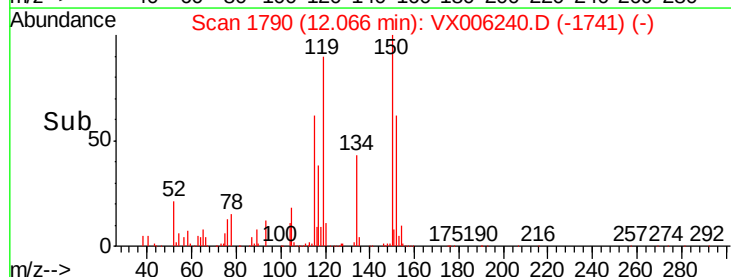
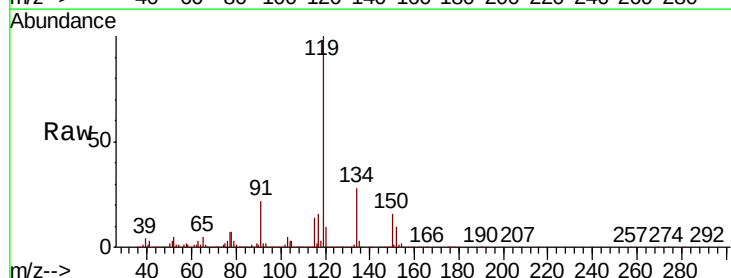
Manual Integrations
 APPROVED

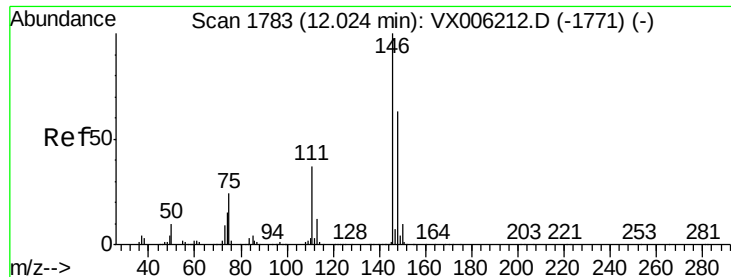
MMDadoda
 12/3/2018 11:59:44 AM



#86
 p-Isopropyltoluene
 Concen: 49.933 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion:119 Resp: 1643746
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.9 41.6
 91 22.8 11.3 33.8





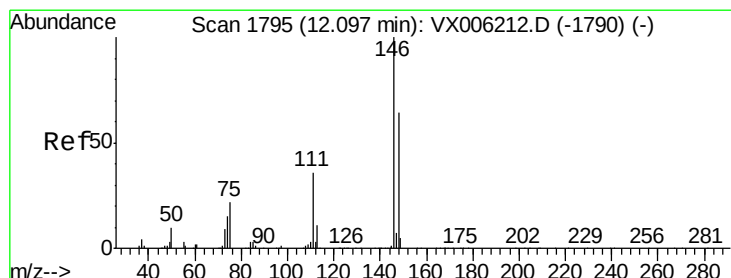
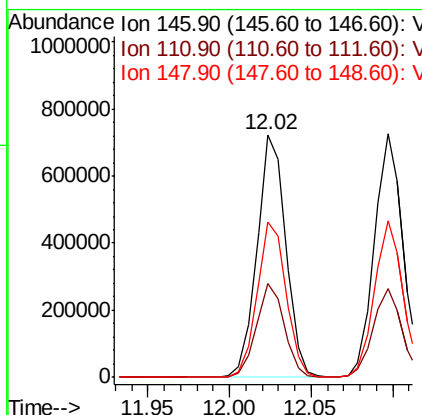
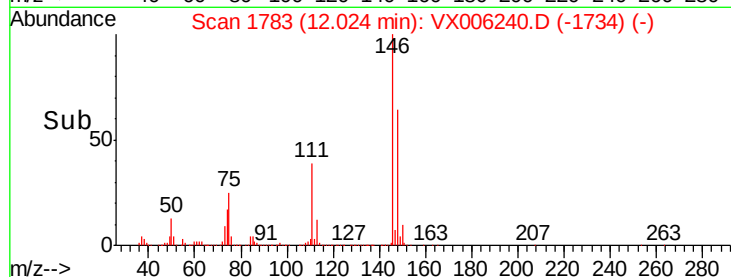
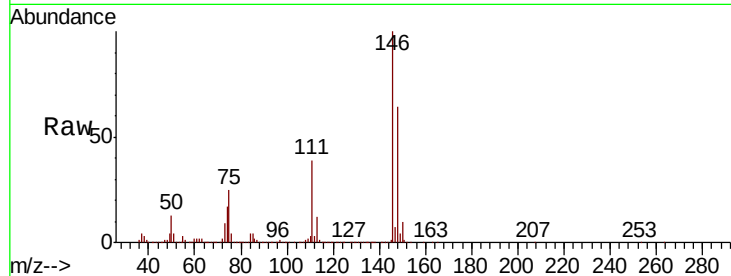
#87
 1,3-Dichlorobenzene
 Concen: 49.615 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.2
148	64.5	32.0	96.0

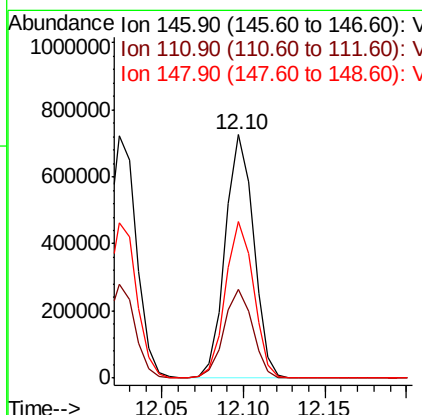
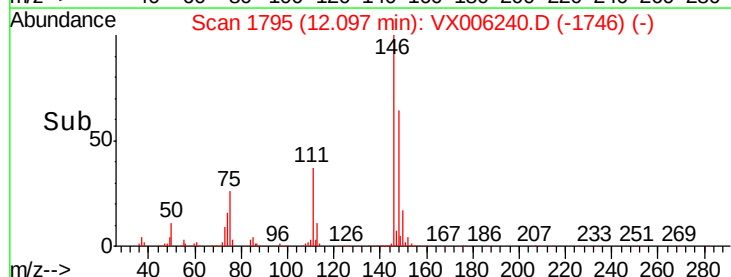
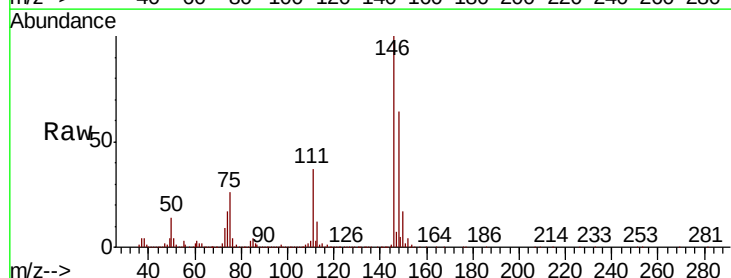
Manual Integrations
 APPROVED

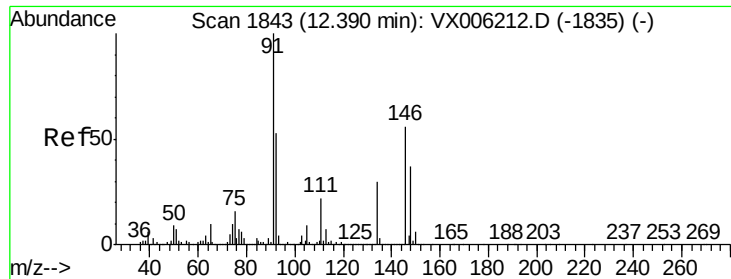
MMDadoda
 12/3/2018 11:59:44 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.340 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.4	31.9	95.9





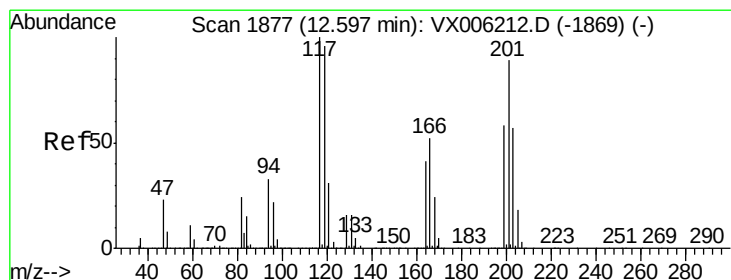
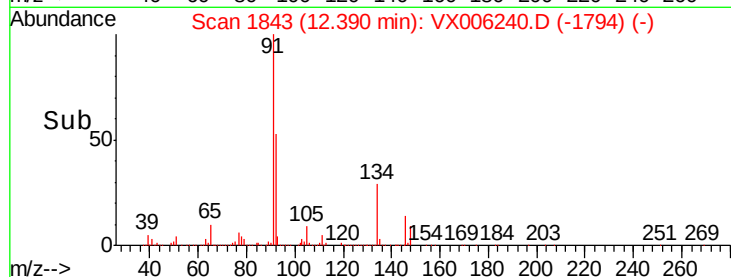
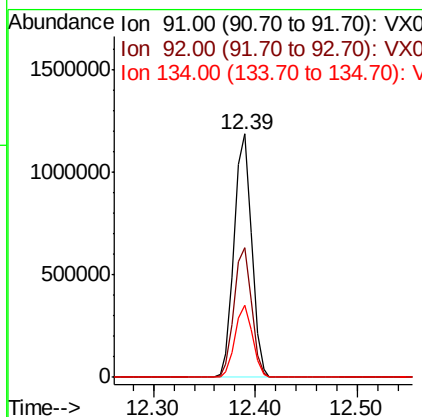
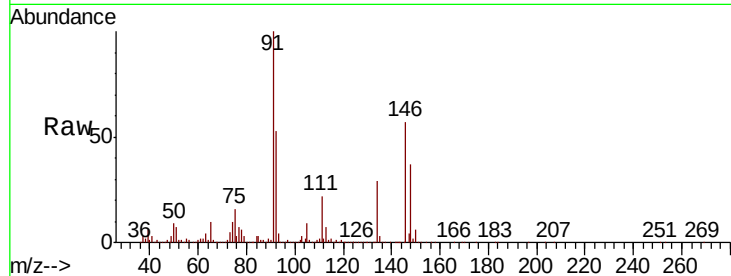
#89
n-Butylbenzene
Concen: 49.628 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1393955
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 29.3 14.8 44.3

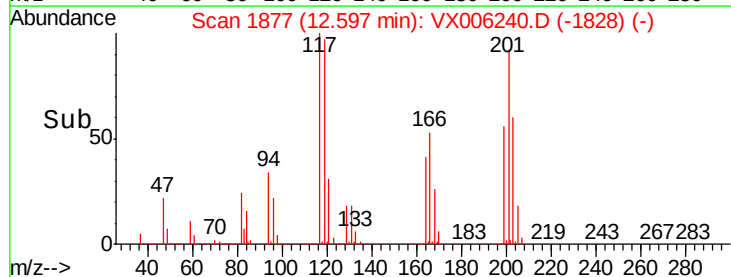
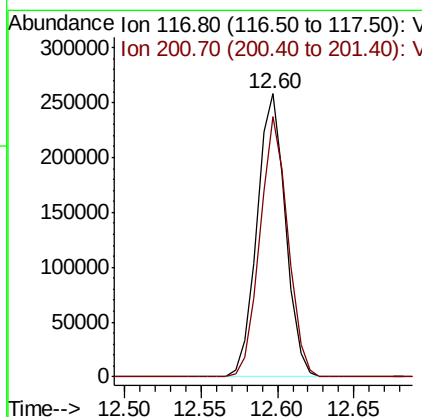
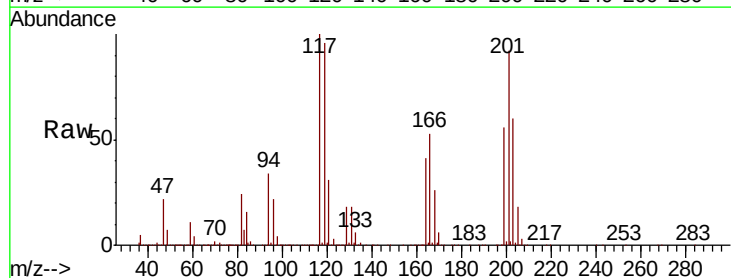
Manual Integrations
APPROVED

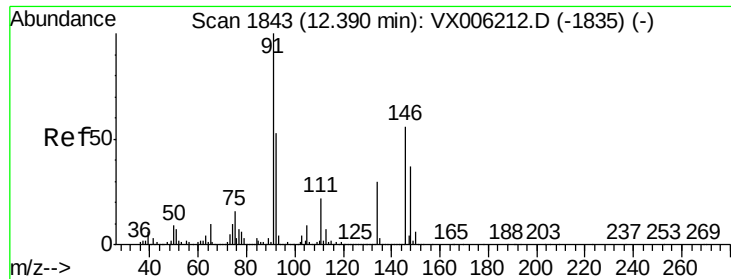
MMDadoda
12/3/2018 11:59:44 AM



#90
Hexachloroethane
Concen: 49.959 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 117 Resp: 335186
Ion Ratio Lower Upper
117 100
201 90.3 44.7 134.1





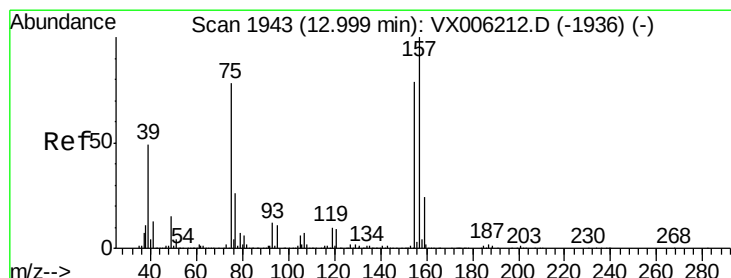
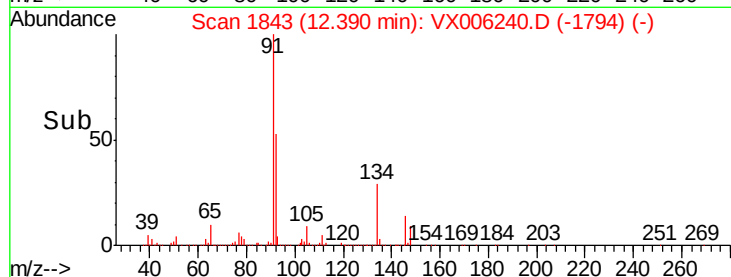
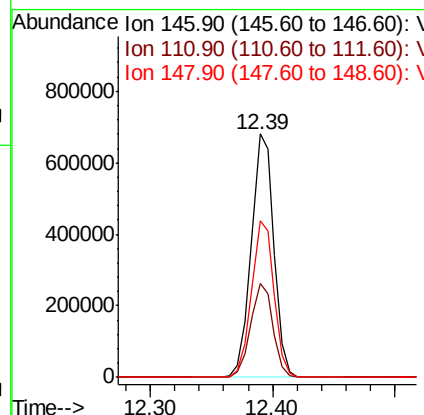
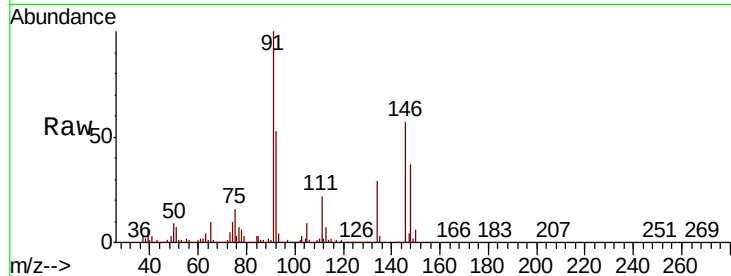
#91
 1,2-Dichlorobenzene
 Concen: 49.268 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.3
148	64.3	32.1	96.3

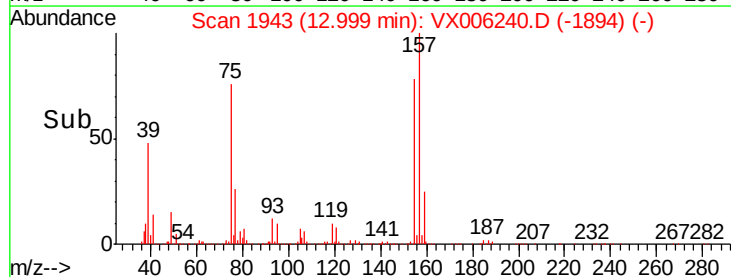
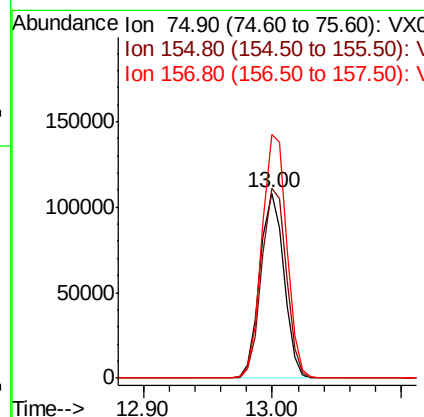
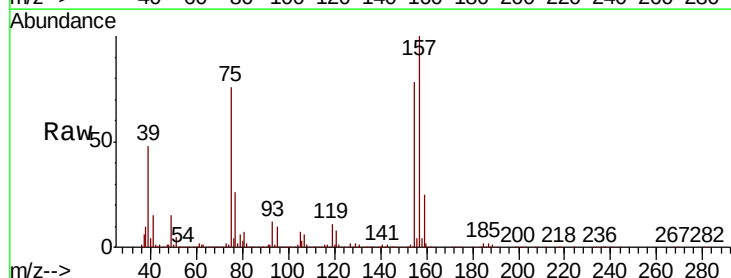
Manual Integrations
 APPROVED

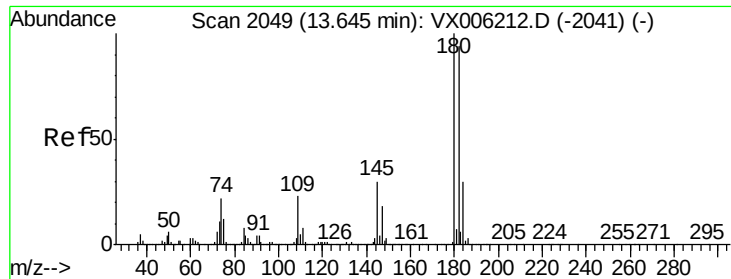
MMDadoda
 12/3/2018 11:59:44 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.628 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.0	53.4	160.3
157	136.3	68.0	203.8





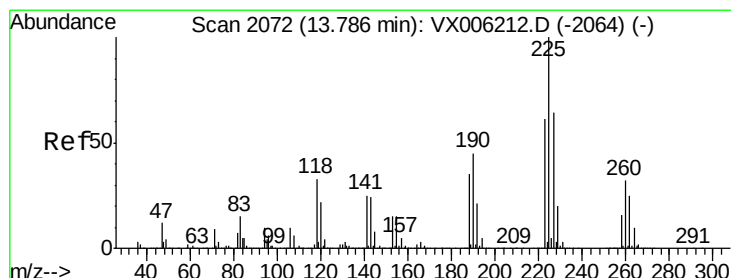
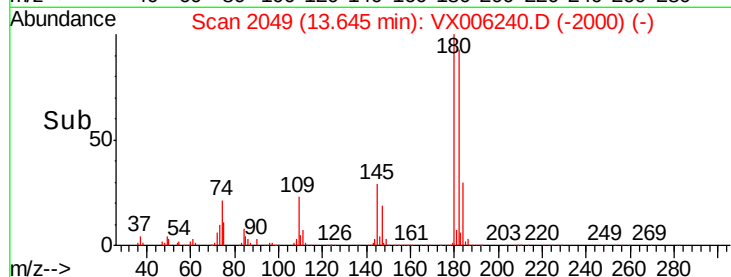
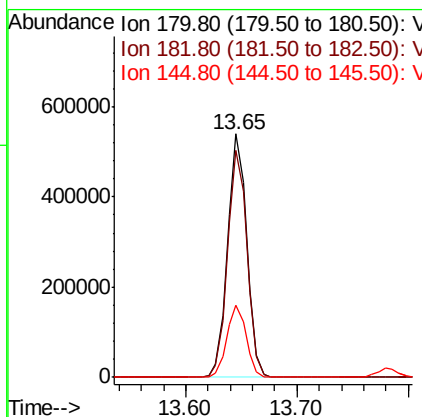
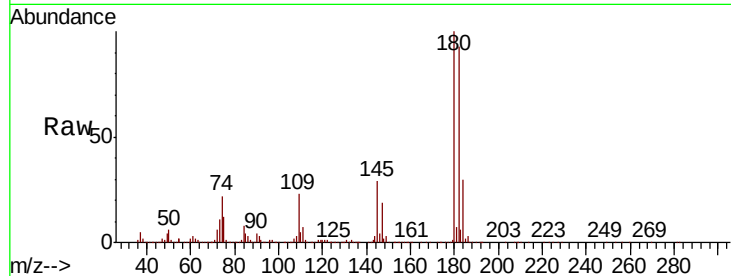
#93
 1,2,4-Trichlorobenzene
 Concen: 49.703 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	643284		
182	94.3	47.3	141.9	
145	29.8	14.6	43.8	

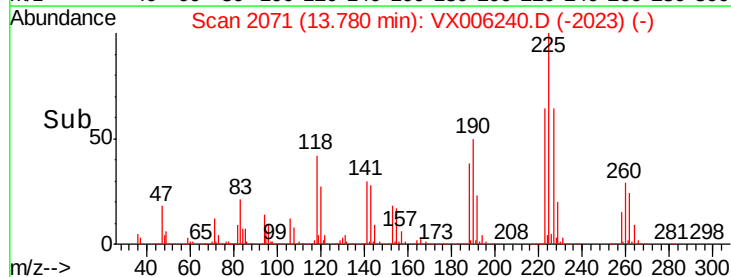
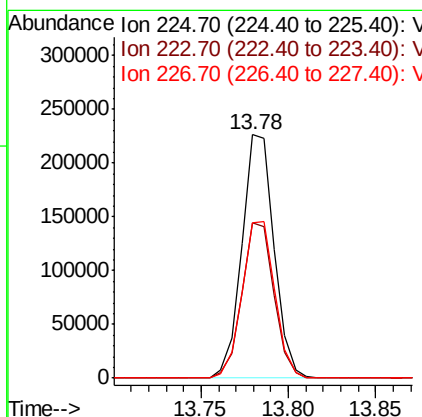
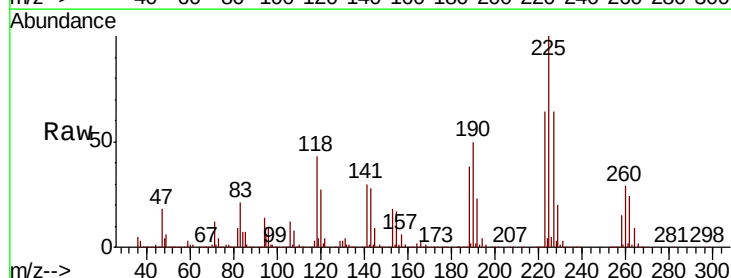
Manual Integrations
 APPROVED

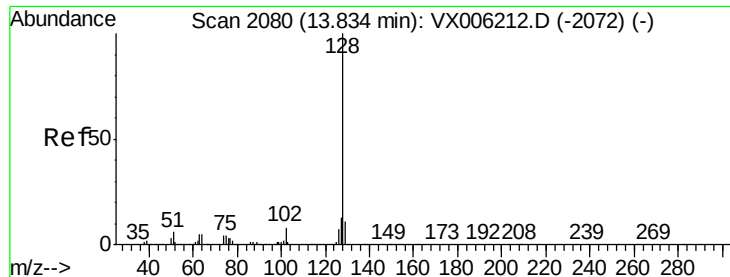
MMDadoda
 12/3/2018 11:59:44 AM



#94
 Hexachlorobutadiene
 Concen: 50.353 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	288204		
223	63.5	31.2	93.6	
227	65.5	31.9	95.5	





#95

Naphthalene

Concen: 49.615 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1997450

Ion Ratio Lower Upper

128 100

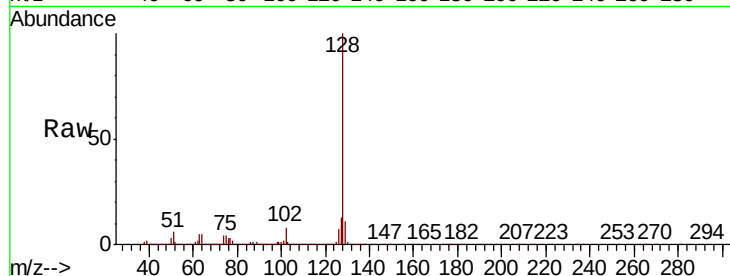
127 12.9 10.2 15.4

129 11.0 8.9 13.3

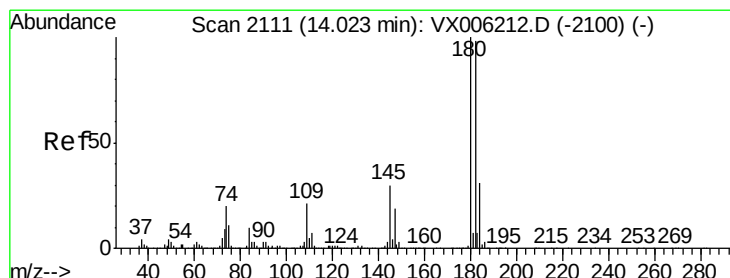
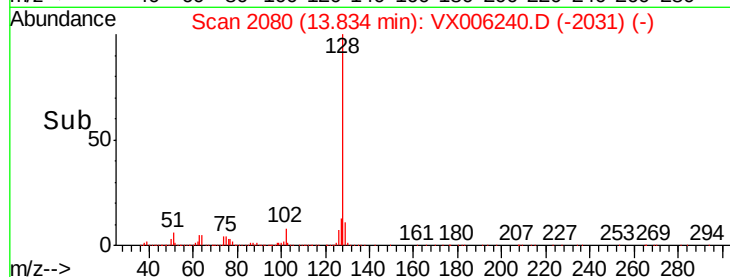
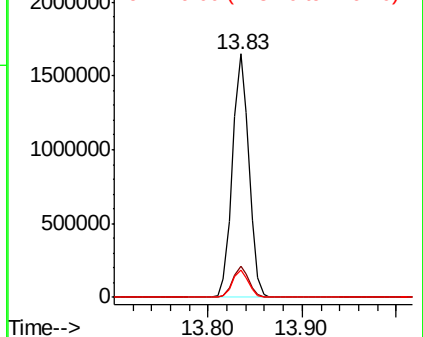
Manual Integrations
APPROVED

MMDadoda

12/3/2018 11:59:44 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.965 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

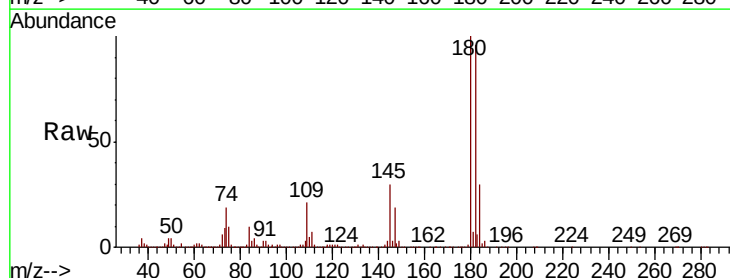
Tgt Ion:180 Resp: 640512

Ion Ratio Lower Upper

180 100

182 94.9 48.4 145.2

145 31.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

