

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012670.D
 Acq On : 26 Sep 2019 13:36
 Operator : JC/SP
 Sample : VX0926WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 8:54:00 AM

Quant Time: Sep 27 00:27:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140224	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.49	113	104340	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	8.71	98	395352	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.14	95	155508	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	43146	20.213	ug/l	99
3) Chloromethane	1.32	50	47333	19.311	ug/l	97
4) Vinyl Chloride	1.40	62	48939	20.087	ug/l	98
5) Bromomethane	1.63	94	21569	22.517	ug/l	100
6) Chloroethane	1.72	64	33349	20.305	ug/l	95
7) Trichlorofluoromethane	1.92	101	68238	19.949	ug/l	98
8) Diethyl Ether	2.18	74	28532	20.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42586	20.440	ug/l	95
10) Methyl Iodide	2.50	142	32751	18.396	ug/l	96
11) Tert butyl alcohol	3.03	59	76410	110.702	ug/l	98
12) 1,1-Dichloroethene	2.36	96	40632	19.917	ug/l	98
13) Acrolein	2.28	56	13920	44.954	ug/l	99
14) Allyl chloride	2.72	41	81567	20.152	ug/l	98
15) Acrylonitrile	3.13	53	142552	101.798	ug/l	100
16) Acetone	2.44	43	136729	93.423	ug/l	98
17) Carbon Disulfide	2.56	76	110070	19.245	ug/l	99
18) Methyl Acetate	2.77	43	70721	20.522	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	158317	20.502	ug/l	100
20) Methylene Chloride	2.84	84	49061	19.819	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	45748	20.241	ug/l	93
22) Diisopropyl ether	3.85	45	160987	20.584	ug/l	94
23) Vinyl Acetate	3.80	43	705208	102.820	ug/l	99
24) 1,1-Dichloroethane	3.69	63	86696	20.393	ug/l	98
25) 2-Butanone	4.66	43	208148	99.189	ug/l	100
26) 2,2-Dichloropropane	4.57	77	71790	18.987	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	52374	19.971	ug/l	97
28) Bromochloromethane	5.00	49	33894	21.957	ug/l	96
29) Tetrahydrofuran	5.12	42	133045	104.019	ug/l	98
30) Chloroform	5.20	83	87451	20.106	ug/l	94
31) Cyclohexane	5.57	56	79701	20.723	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	76845	19.935	ug/l	100
36) 1,1-Dichloropropene	5.79	75	64992	19.956	ug/l	99
37) Ethyl Acetate	4.83	43	78308	20.567	ug/l	98
38) Carbon Tetrachloride	5.77	117	64960	19.636	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092619\
 Data File : VX012670.D
 Acq On : 26 Sep 2019 13:36
 Operator : JC/SP
 Sample : VX0926WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0926WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 8:54:00 AM

Quant Time: Sep 27 00:27:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	78294	19.970	ug/l	97
40) Benzene	6.14	78	192906	20.132	ug/l	98
41) Methacrylonitrile	5.03	41	42464	19.878	ug/l	96
42) 1,2-Dichloroethane	6.19	62	73745	20.267	ug/l	99
43) Isopropyl Acetate	6.44	43	128420	20.169	ug/l	99
44) Trichloroethene	7.20	130	47661	19.456	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49583	20.211	ug/l	99
46) Dibromomethane	7.65	93	32857	19.671	ug/l	95
47) Bromodichloromethane	7.89	83	66331	19.870	ug/l #	96
48) Methyl methacrylate	7.76	41	61712	20.213	ug/l	95
49) 1,4-Dioxane	7.73	88	29039	419.346	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	401775	102.224	ug/l	98
52) Toluene	8.78	92	120795	20.057	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	72108	19.523	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	79571	19.731	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	49411	20.636	ug/l	97
56) Ethyl methacrylate	9.17	69	79001	19.640	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84699	20.212	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	191909	106.285	ug/l	97
59) 2-Hexanone	9.49	43	306180	101.773	ug/l	97
60) Dibromochloromethane	9.58	129	48534	20.024	ug/l	97
61) 1,2-Dibromoethane	9.67	107	51870	20.816	ug/l	100
64) Tetrachloroethene	9.33	164	42852	20.275	ug/l	93
65) Chlorobenzene	10.14	112	124730	19.539	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	44559	19.265	ug/l	97
67) Ethyl Benzene	10.25	91	233052	20.129	ug/l	99
68) m/p-Xylenes	10.36	106	172161	39.694	ug/l	98
69) o-Xylene	10.70	106	83191	19.823	ug/l	96
70) Styrene	10.71	104	141911	20.171	ug/l	99
71) Bromoform	10.86	173	30493	18.934	ug/l #	99
73) Isopropylbenzene	11.01	105	226312	20.435	ug/l	99
74) N-amyl acetate	10.89	43	104976	19.869	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	75080	20.471	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	73931m	20.555	ug/l	
77) Bromobenzene	11.25	156	49794	19.866	ug/l	94
78) n-propylbenzene	11.35	91	250353	20.080	ug/l	100
79) 2-Chlorotoluene	11.42	91	156086	20.068	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	187712	20.213	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23378	18.627	ug/l	99
82) 4-Chlorotoluene	11.51	91	179447	20.239	ug/l	97
83) tert-Butylbenzene	11.77	119	181708	20.283	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	191884	20.482	ug/l	99
85) sec-Butylbenzene	11.94	105	214047	20.543	ug/l	98
86) p-Isopropyltoluene	12.06	119	192917	20.519	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	91249	20.230	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	90854	19.933	ug/l	98
89) n-Butylbenzene	12.39	91	164693	19.879	ug/l	99
90) Hexachloroethane	12.59	117	31596	18.850	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	90837	20.115	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18062	19.687	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092619\
Data File : VX012670.D
Acq On : 26 Sep 2019 13:36
Operator : JC/SP
Sample : VX0926WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

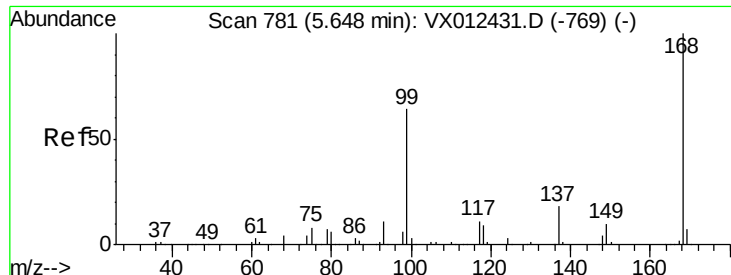
Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM

Quant Time: Sep 27 00:27:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	54798	19.898	ug/l	99
94) Hexachlorobutadiene	13.78	225	24637	20.795	ug/l	97
95) Naphthalene	13.83	128	210549	21.131	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	57905	20.990	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion:168 Resp: 189746

Ion Ratio Lower Upper

168 100

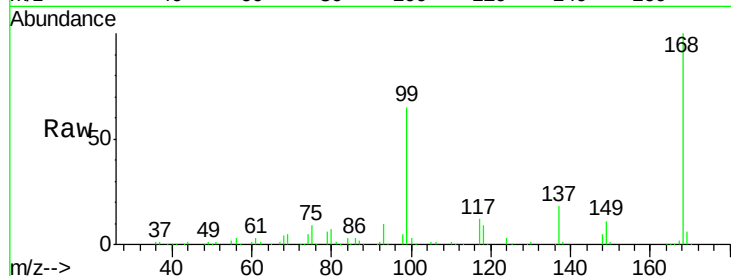
99 65.2 51.4 77.2

Manual Integrations

APPROVED

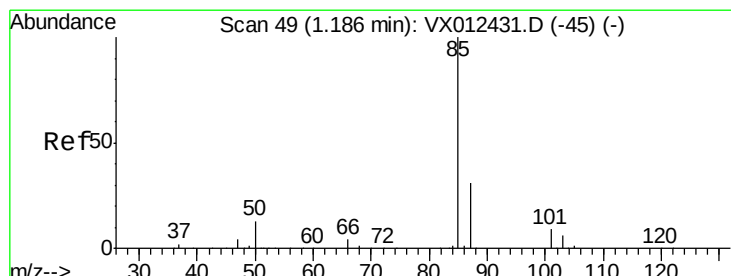
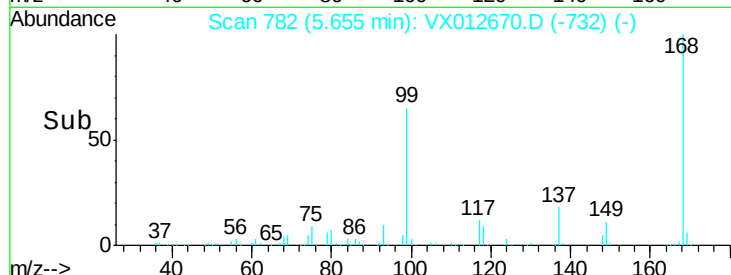
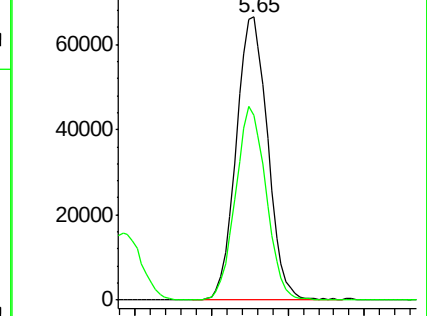
MMDadoda

9/27/2019 8:54:00 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.213 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012670.D

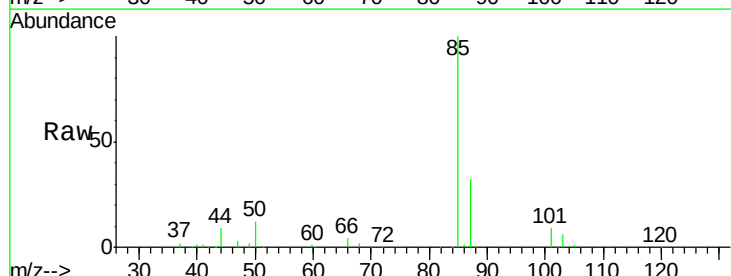
Acq: 26 Sep 2019 13:36

Tgt Ion: 85 Resp: 43146

Ion Ratio Lower Upper

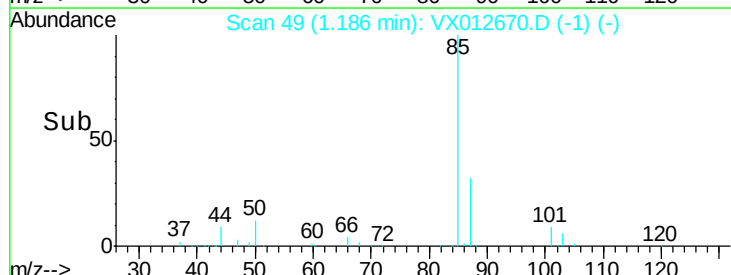
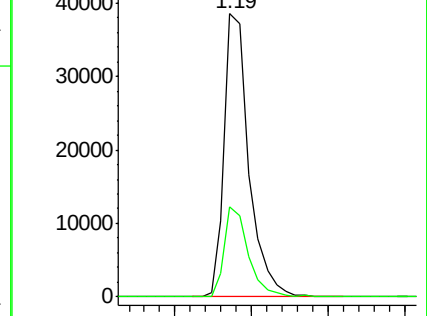
85 100

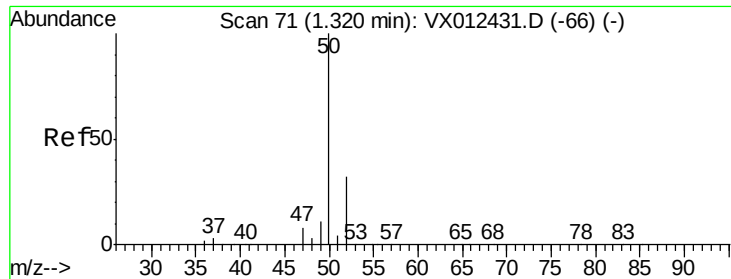
87 31.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.311 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 50 Resp: 47333

Ion Ratio Lower Upper

50 100

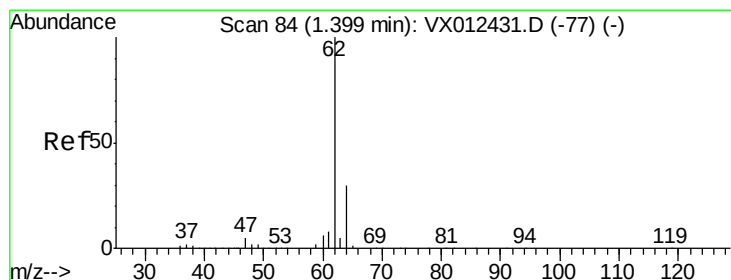
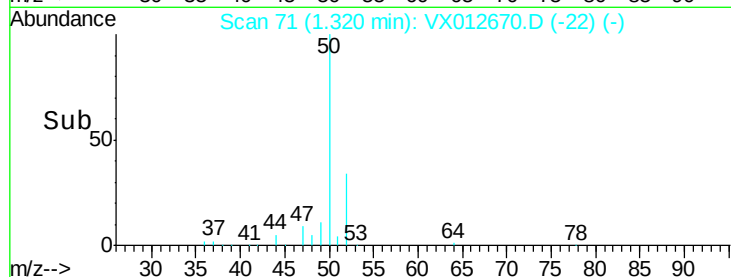
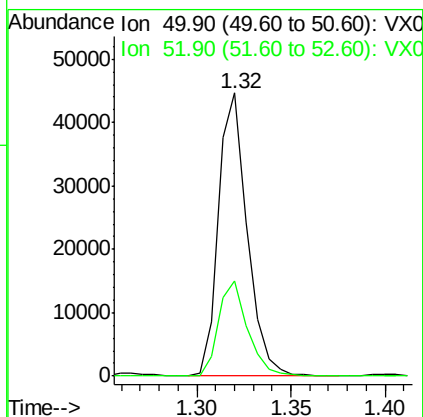
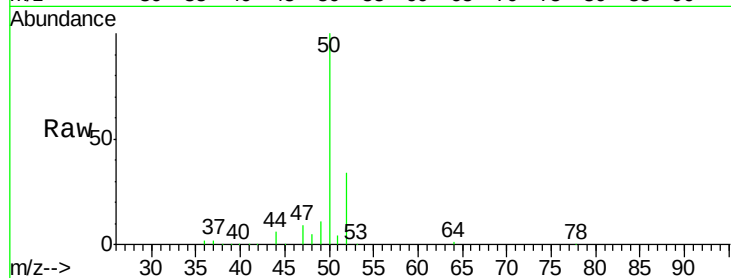
52 33.8 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

9/27/2019 8:54:00 AM



#4

Vinyl Chloride

Concen: 20.087 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012670.D

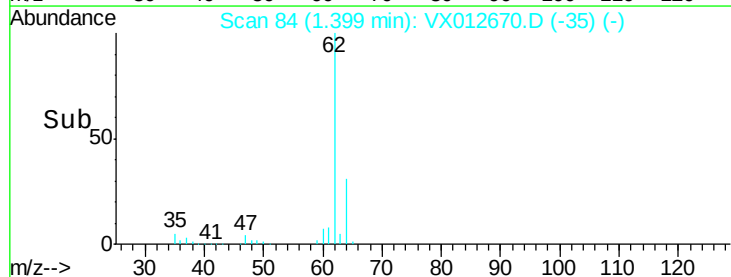
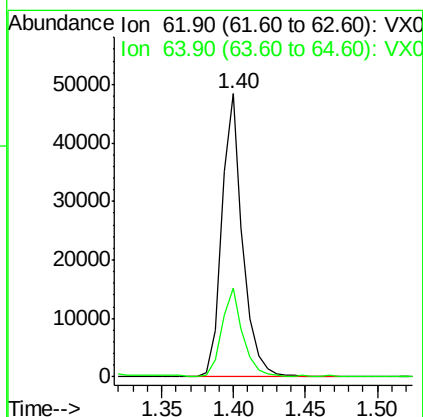
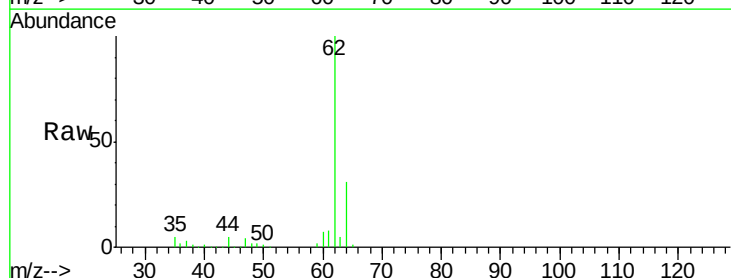
Acq: 26 Sep 2019 13:36

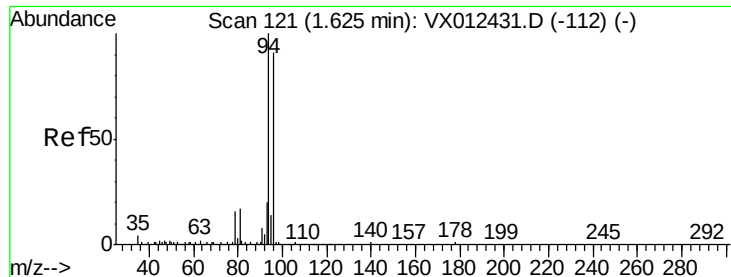
Tgt Ion: 62 Resp: 48939

Ion Ratio Lower Upper

62 100

64 31.2 24.2 36.2





#5

Bromomethane

Concen: 22.517 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 94 Resp: 21569

Ion Ratio Lower Upper

94 100

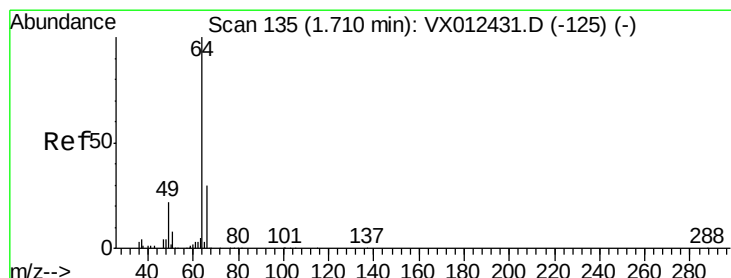
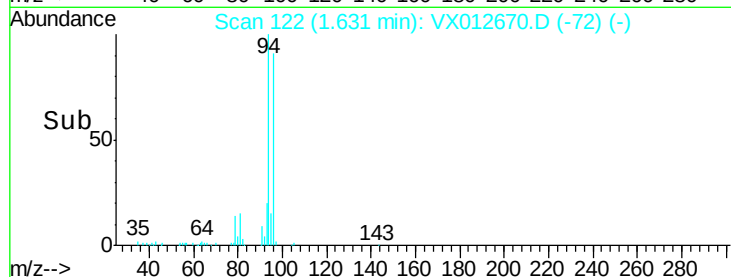
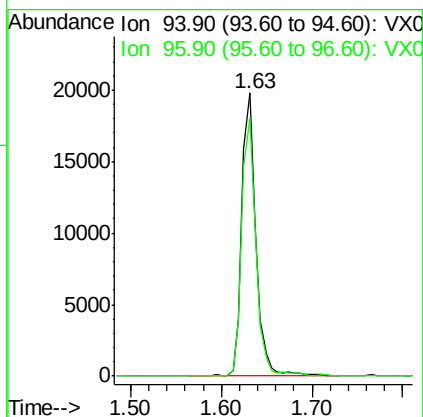
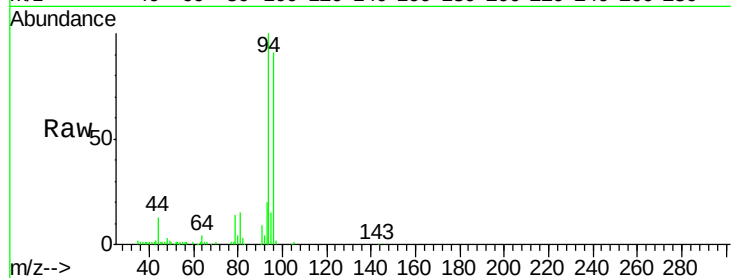
96 91.3 72.8 109.2

Manual Integrations

APPROVED

MMDadoda

9/27/2019 8:54:00 AM



#6

Chloroethane

Concen: 20.305 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012670.D

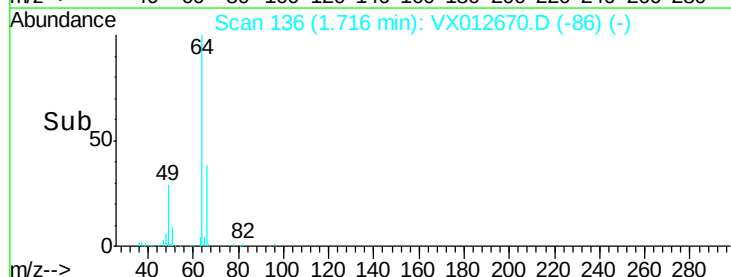
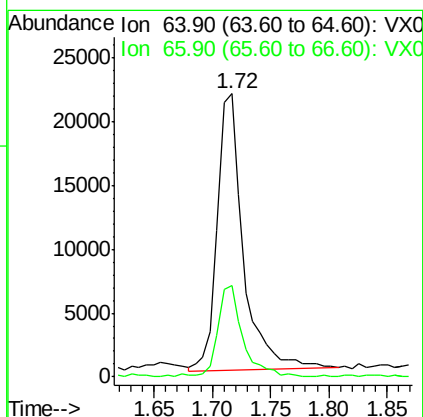
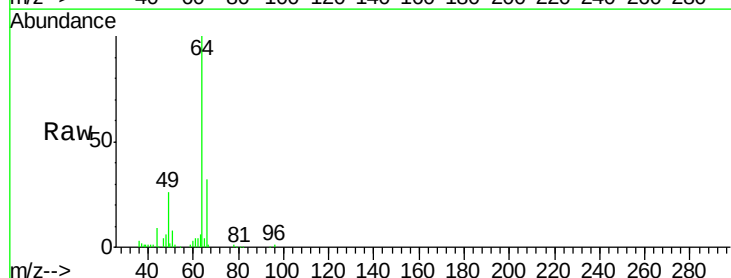
Acq: 26 Sep 2019 13:36

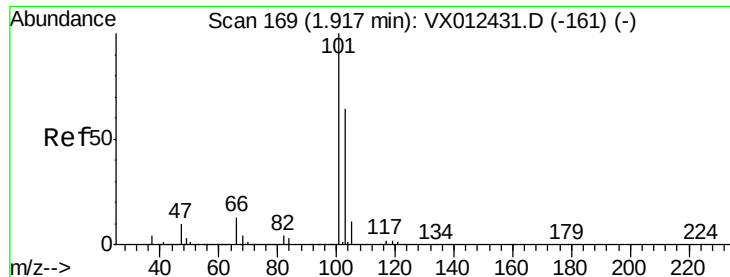
Tgt Ion: 64 Resp: 33349

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0





#7

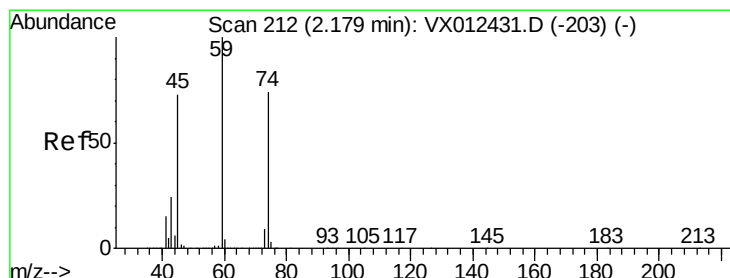
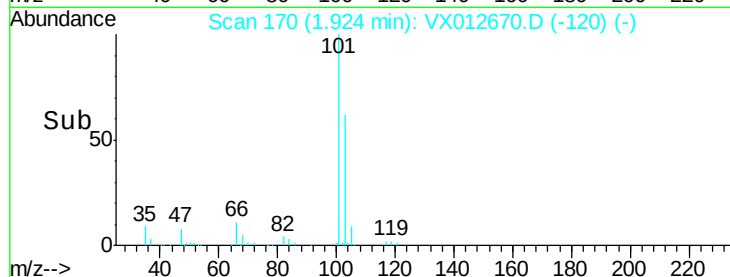
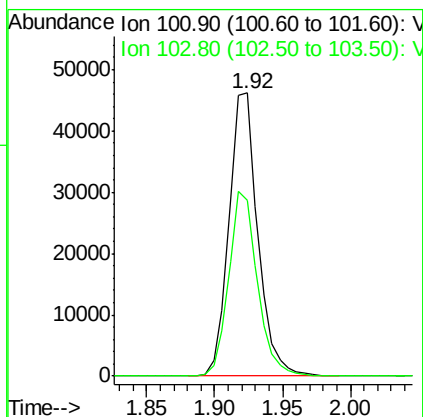
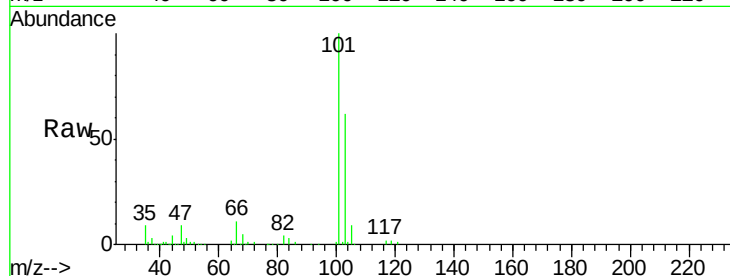
Trichlorofluoromethane
 Concen: 19.949 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.0	76.4

Manual Integrations
 APPROVED

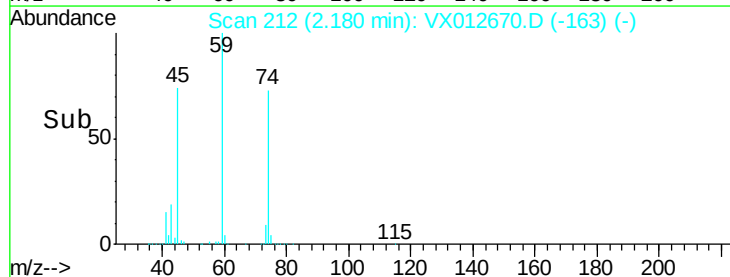
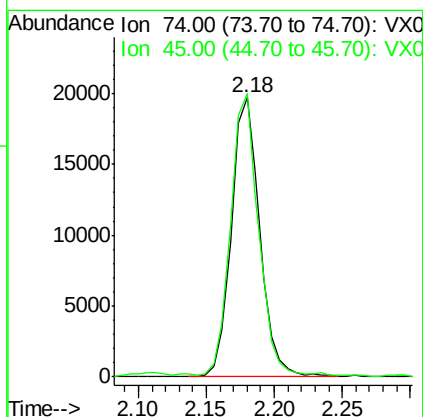
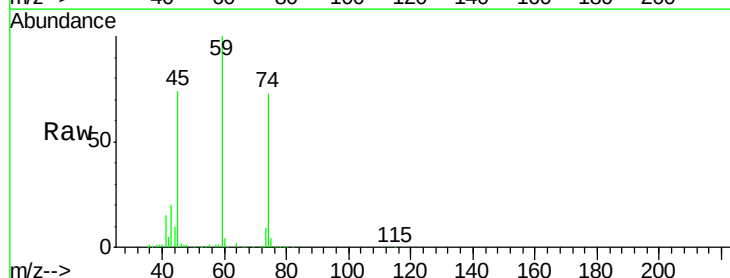
MMDadoda
 9/27/2019 8:54:00 AM

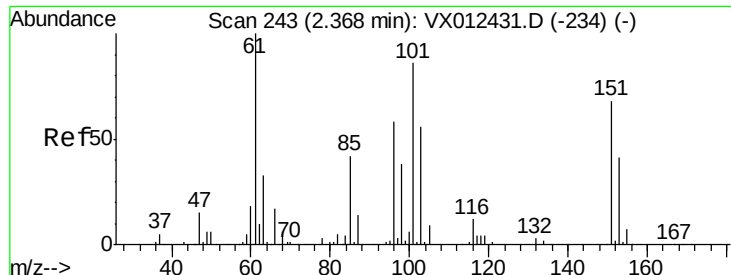


#8

Diethyl Ether
 Concen: 20.354 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.440 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

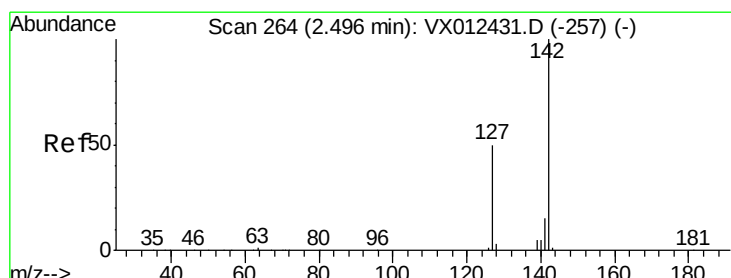
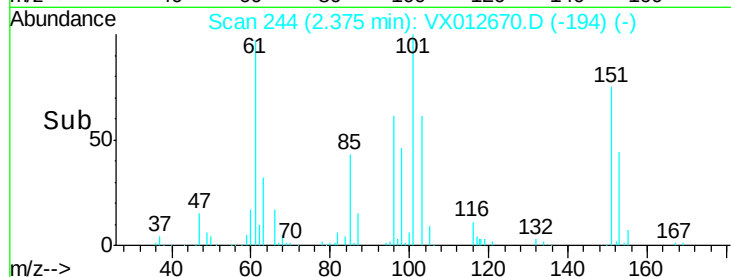
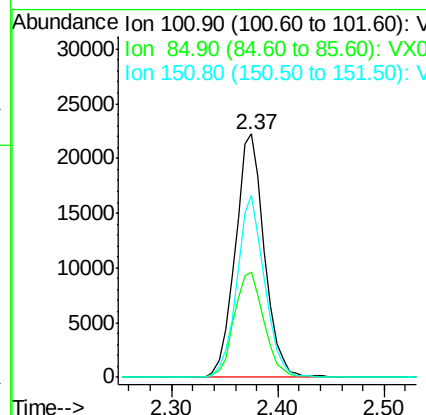
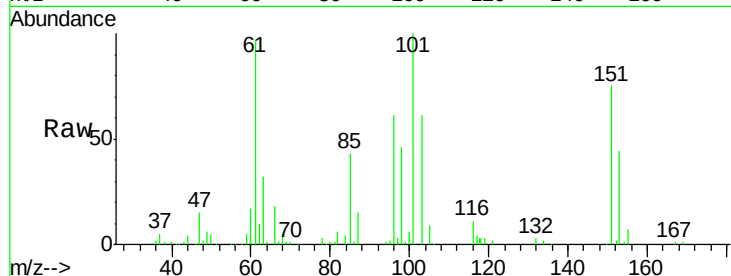
ClientSampleId :

VX0926WBSD01

Tot Ion:	101	Resp:	42586
Ion Ratio	Lower	Upper	
101	100		
85	44.4	37.3	55.9
151	70.9	61.0	91.4

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#10

Methyl Iodide

Concen: 18.396 ug/l

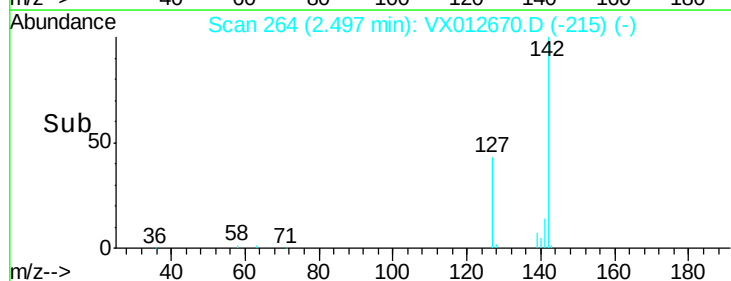
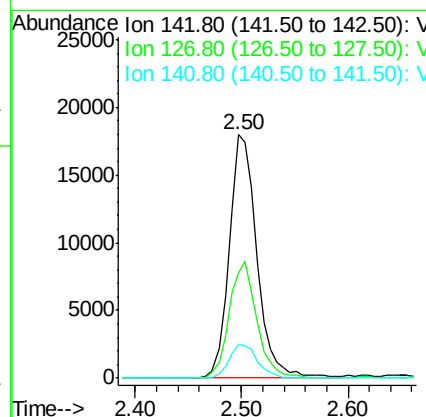
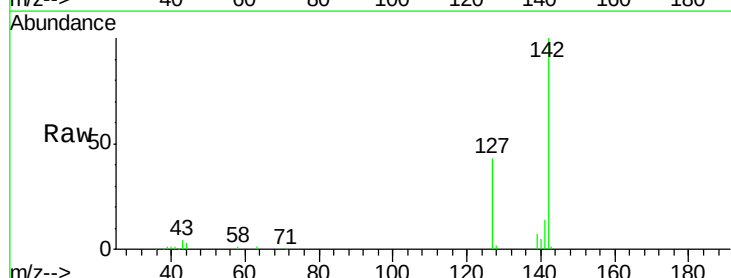
RT: 2.50 min Scan# 264

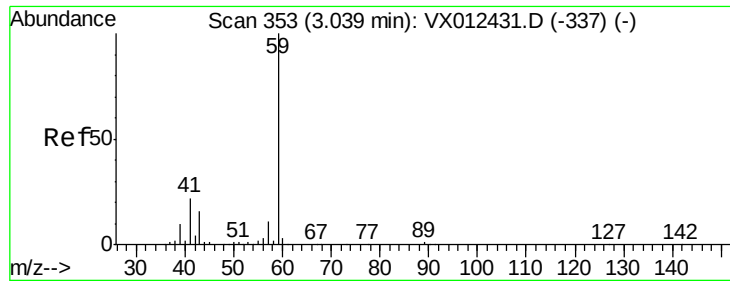
Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion:	142	Resp:	32751
Ion Ratio	Lower	Upper	
142	100		
127	47.7	40.8	61.2
141	14.2	12.1	18.1





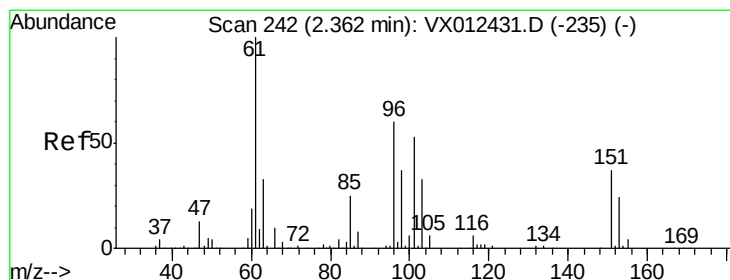
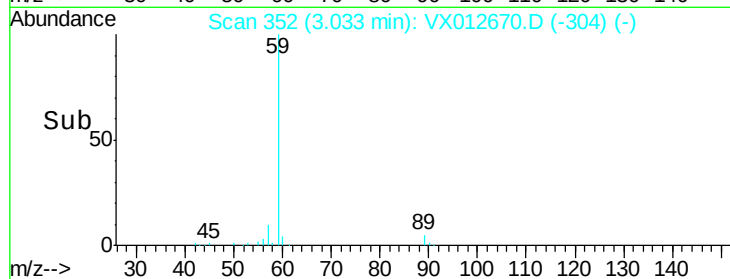
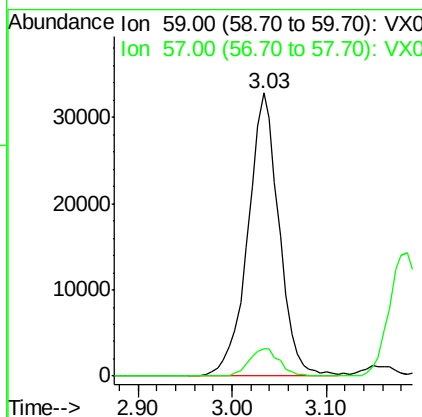
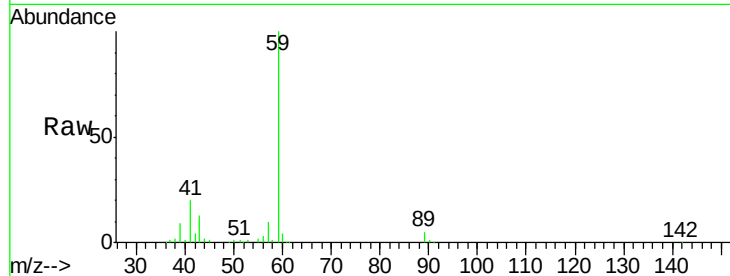
#11
Tert butyl alcohol
Concen: 110.702 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5

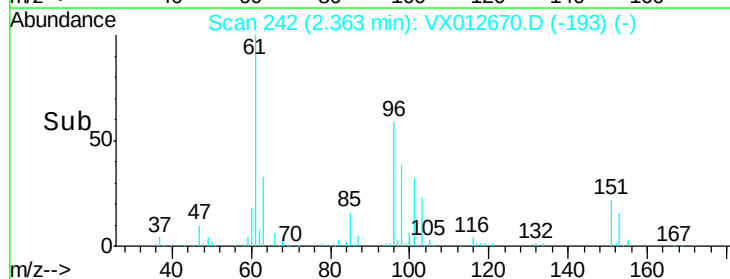
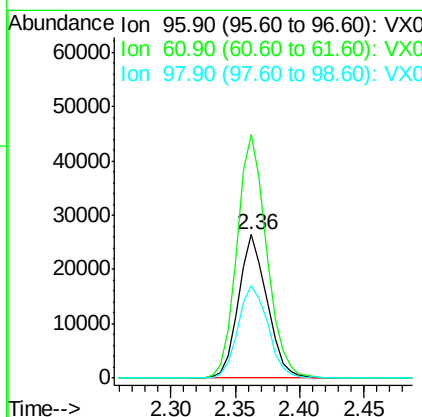
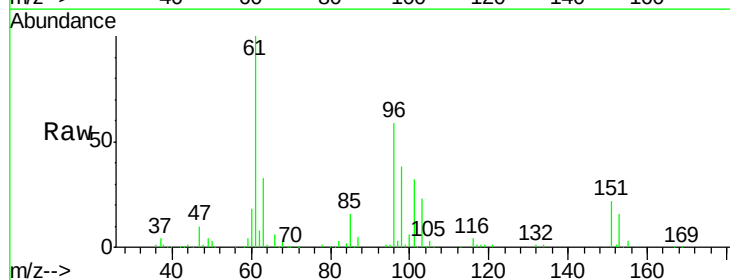
Manual Integrations
APPROVED

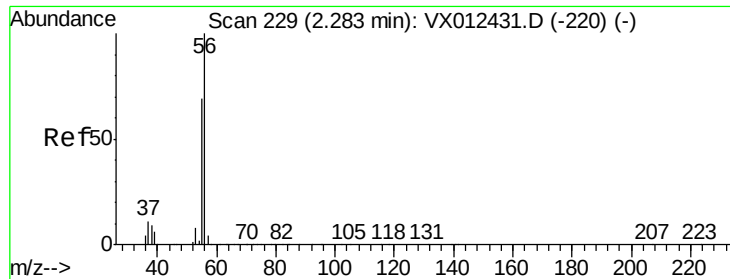
MMDadoda
9/27/2019 8:54:00 AM



#12
1,1-Dichloroethene
Concen: 19.917 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.6	133.8	200.6
98	64.7	49.9	74.9





#13

Acrolein

Concen: 44.954 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 56 Resp: 13920

Ion Ratio Lower Upper

56 100

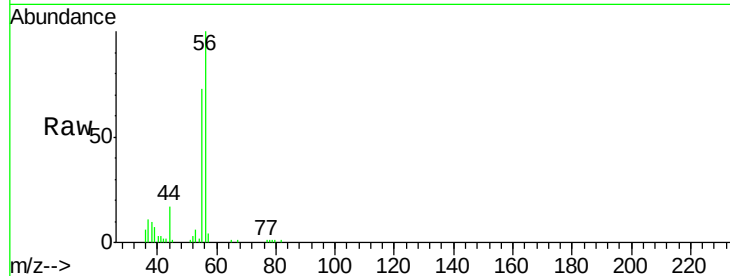
55 71.0 55.8 83.8

Manual Integrations

APPROVED

MMDadoda

9/27/2019 8:54:00 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

10000

8000

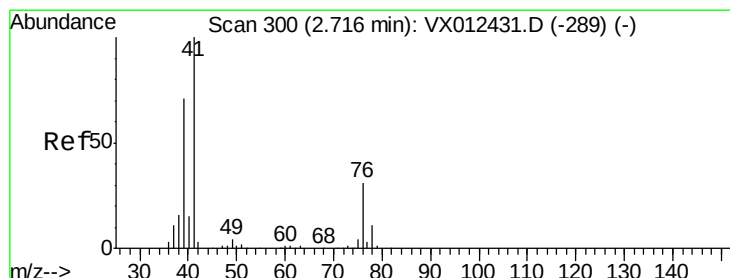
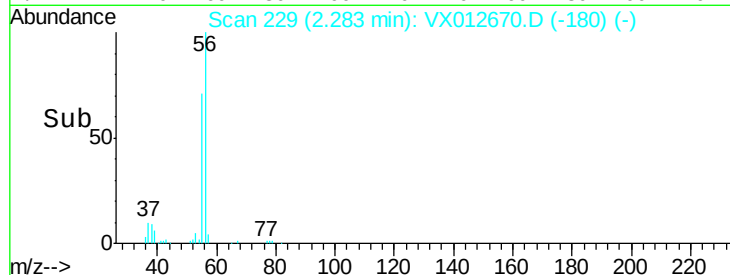
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 20.152 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

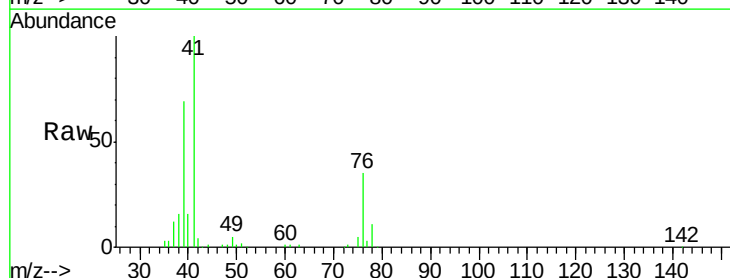
Tgt Ion: 41 Resp: 81567

Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

76 31.8 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

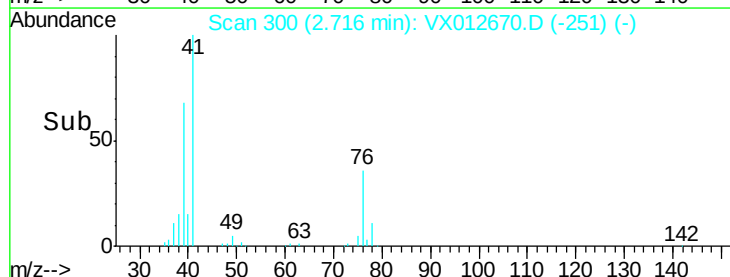
60000

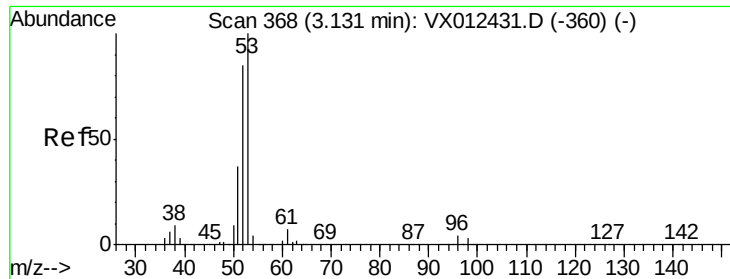
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 101.798 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

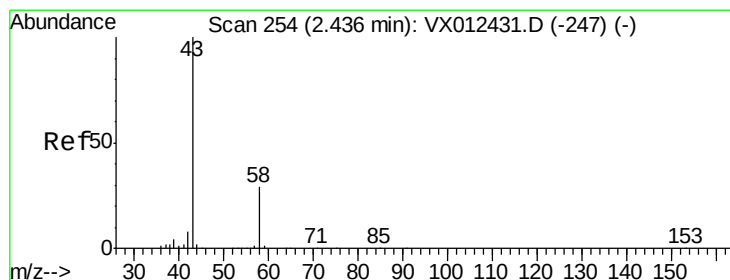
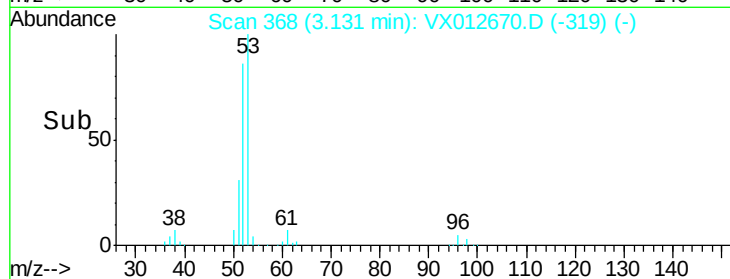
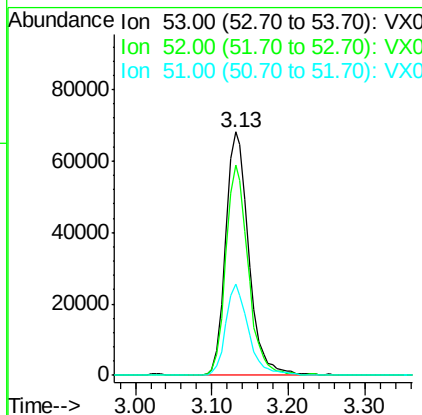
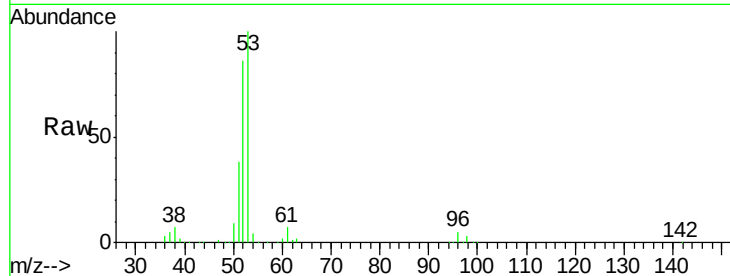
ClientSampleId :

VX0926WBSD01

Tot Ion:	53	Resp:	142552
Ion Ratio		Lower	Upper
53	100		
52	83.2	67.0	100.4
51	36.8	29.6	44.4

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#16

Acetone

Concen: 93.423 ug/l

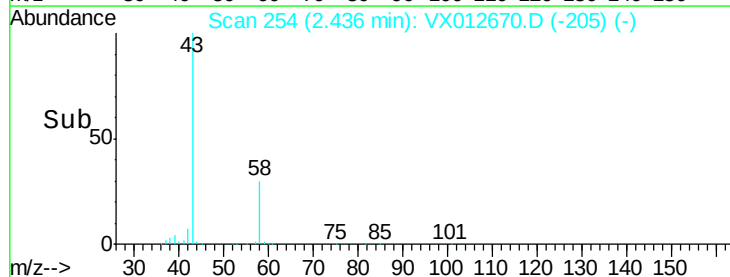
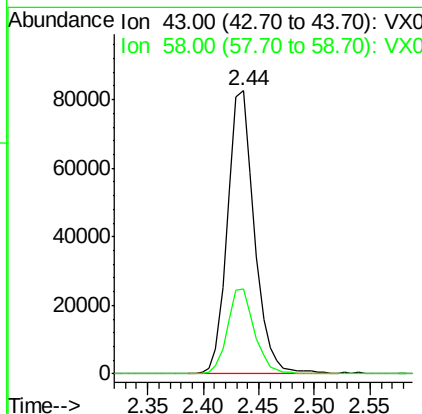
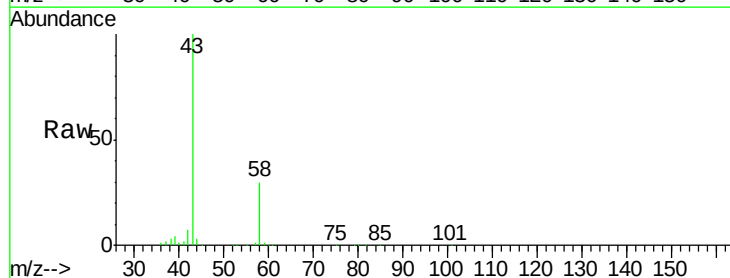
RT: 2.44 min Scan# 254

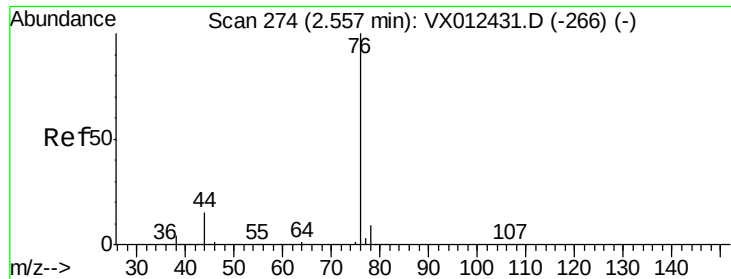
Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion:	43	Resp:	136729
Ion Ratio		Lower	Upper
43	100		
58	30.3	23.3	34.9





#17

Carbon Disulfide

Concen: 19.245 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 76 Resp: 110070

Ion Ratio Lower Upper

76 100

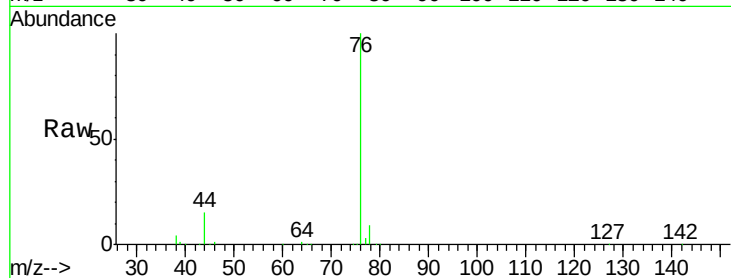
78 8.7 7.3 10.9

Manual Integrations

APPROVED

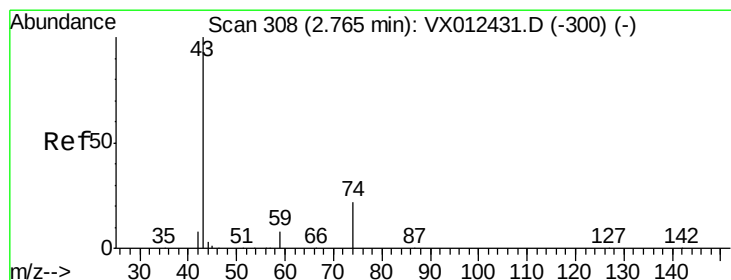
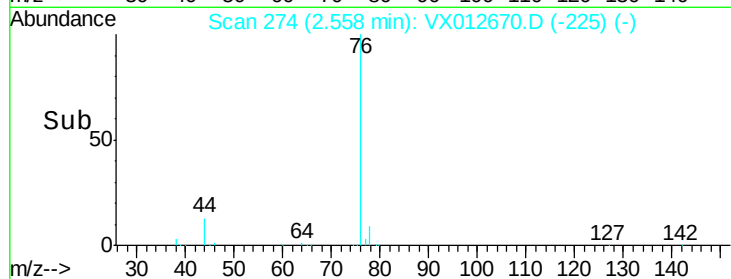
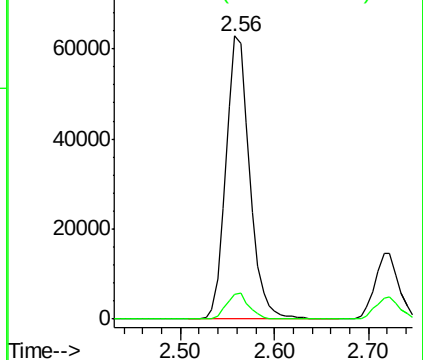
MMDadoda

9/27/2019 8:54:00 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.522 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012670.D

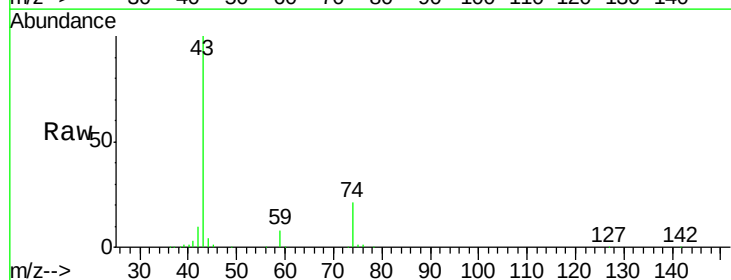
Acq: 26 Sep 2019 13:36

Tgt Ion: 43 Resp: 70721

Ion Ratio Lower Upper

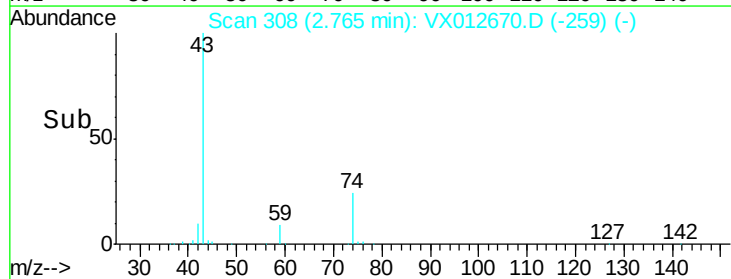
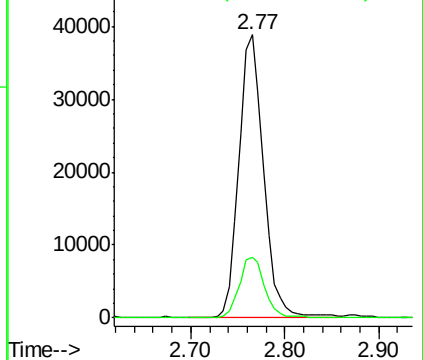
43 100

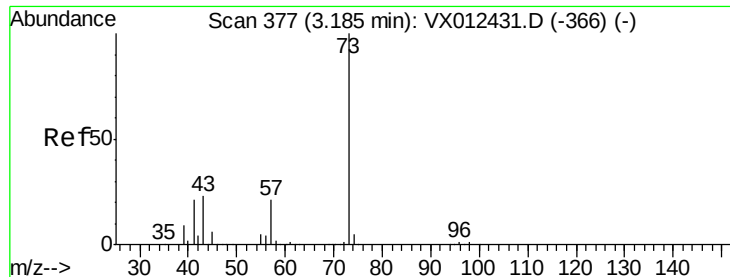
74 22.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





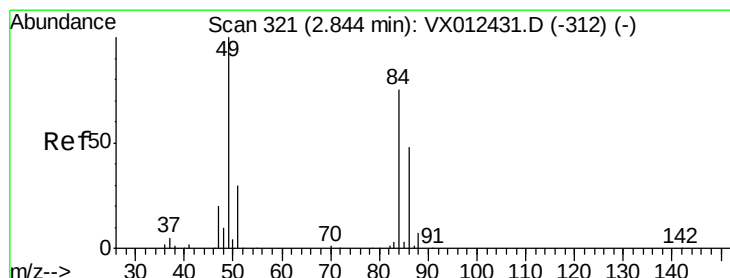
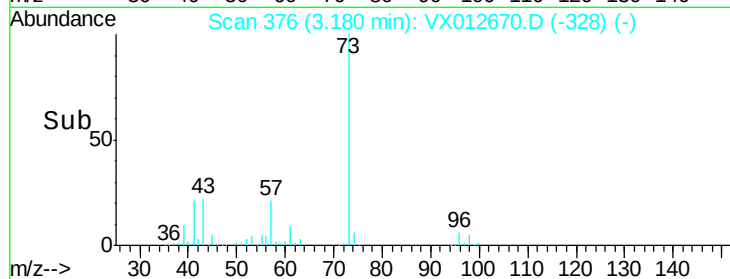
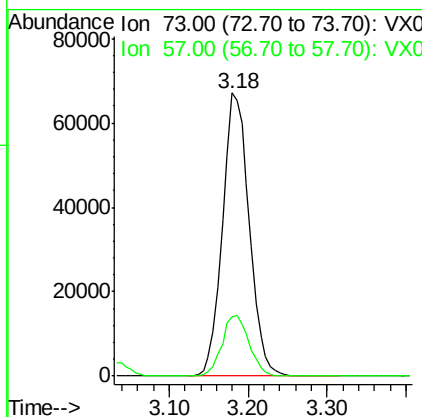
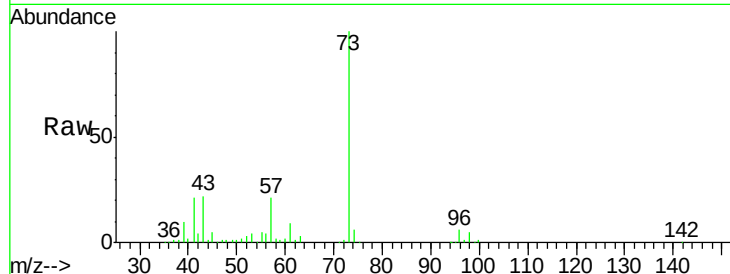
#19
Methyl tert-butyl Ether
Concen: 20.502 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.8	25.2

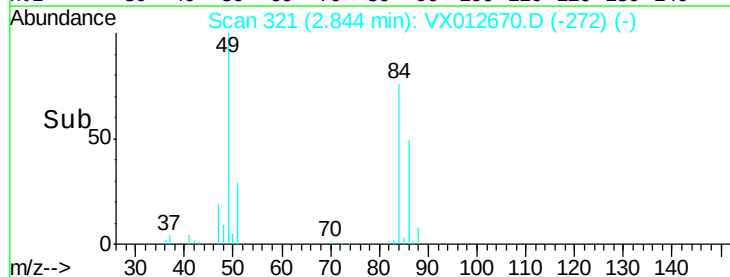
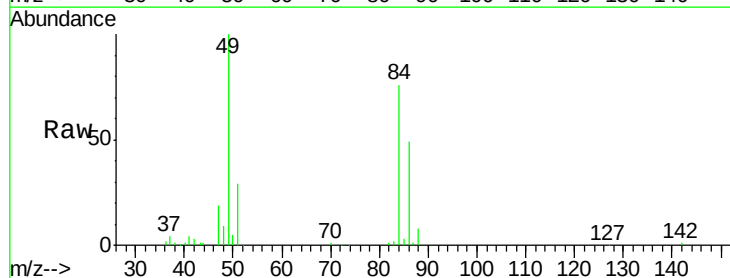
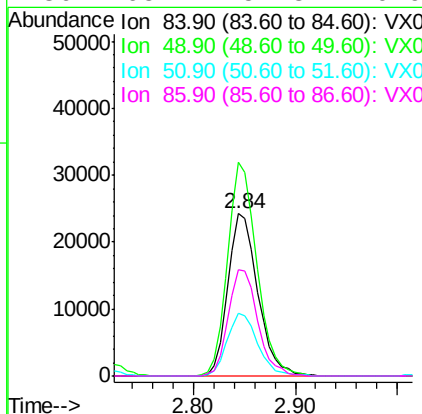
Manual Integrations
APPROVED

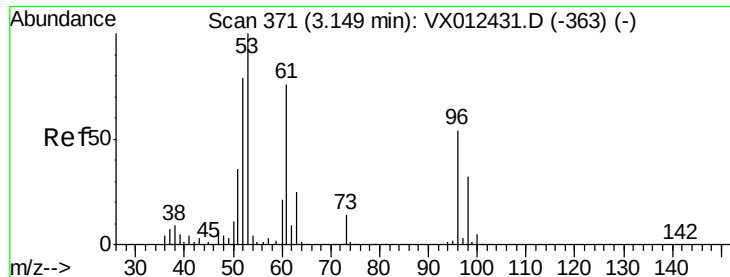
MMDadoda
9/27/2019 8:54:00 AM



#20
Methylene Chloride
Concen: 19.819 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.8	106.8	160.2
51	38.4	32.3	48.5
86	65.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 20.241 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 96 Resp: 45748

Ion Ratio Lower Upper

96 100

61 152.0 112.0 168.0

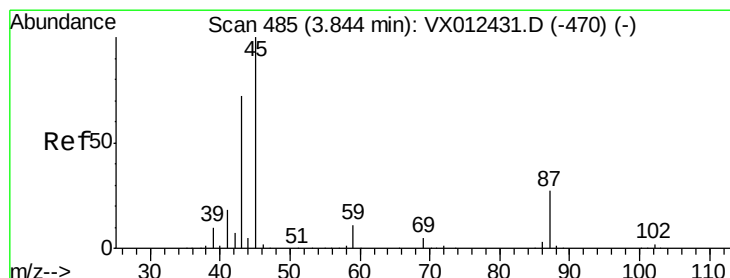
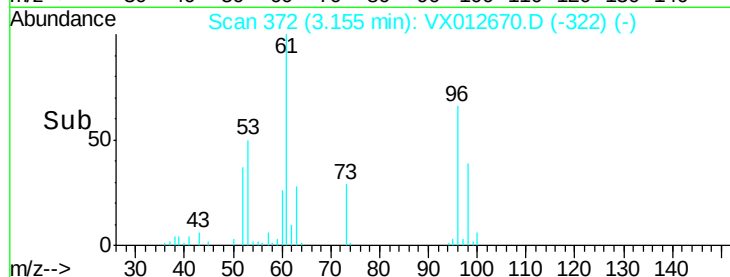
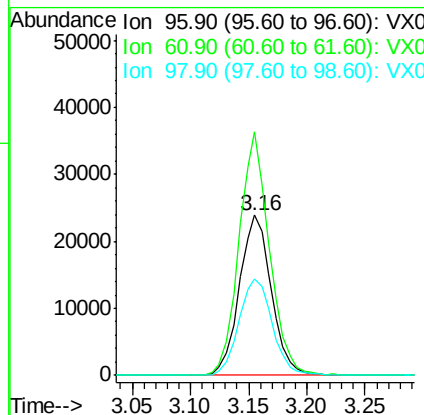
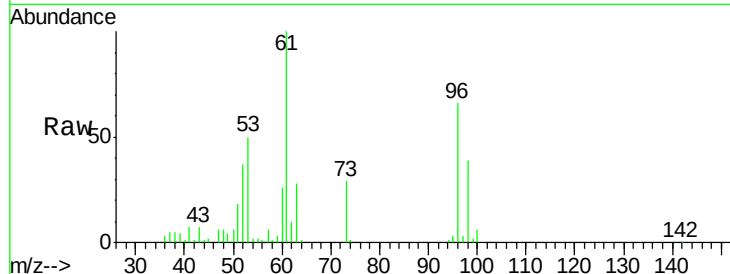
98 60.0 47.8 71.8

Manual Integrations

APPROVED

MMDadoda

9/27/2019 8:54:00 AM



#22

Diisopropyl ether

Concen: 20.584 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion: 45 Resp: 160987

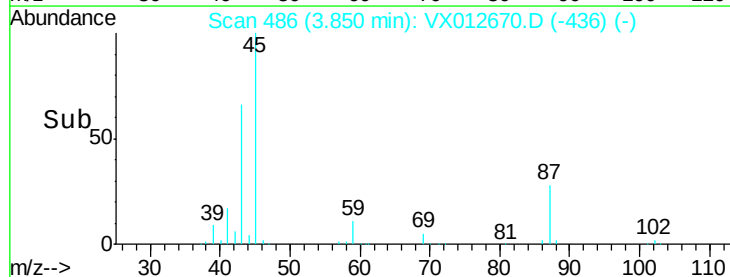
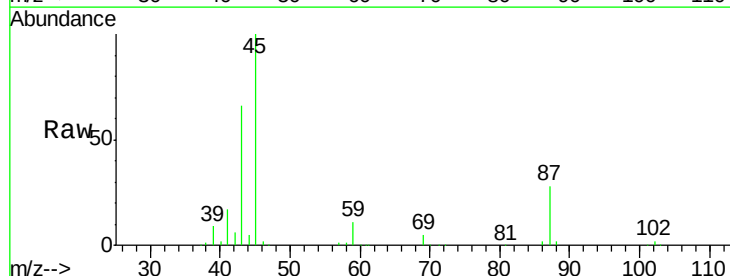
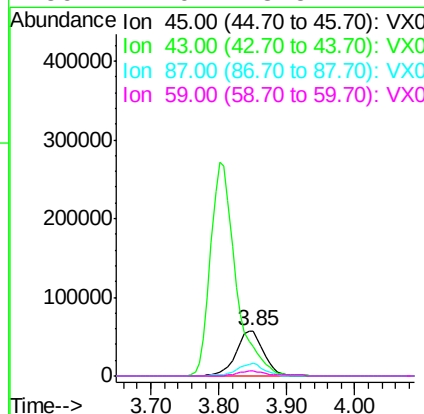
Ion Ratio Lower Upper

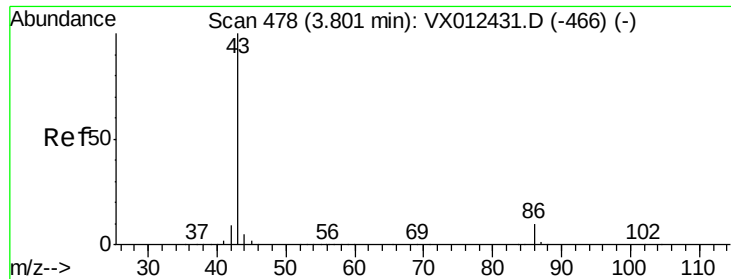
45 100

43 65.9 57.8 86.8

87 27.7 21.3 31.9

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 102.820 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 43 Resp: 705208

Ion Ratio Lower Upper

43 100

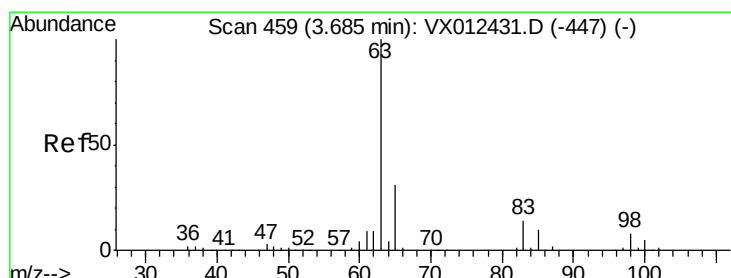
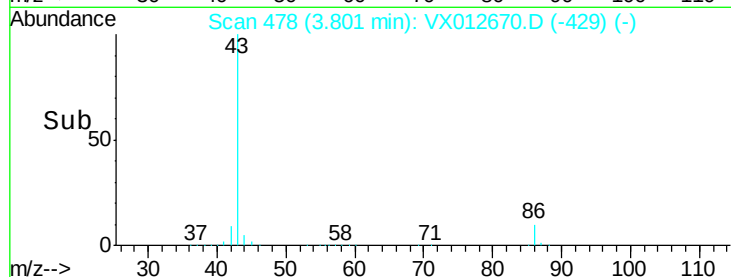
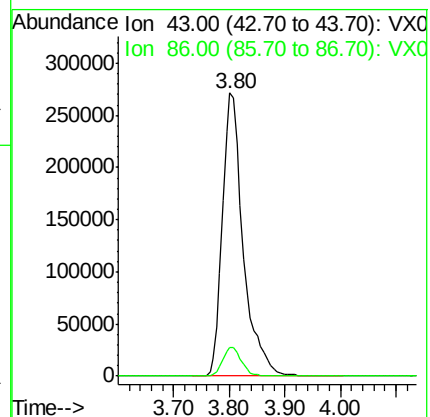
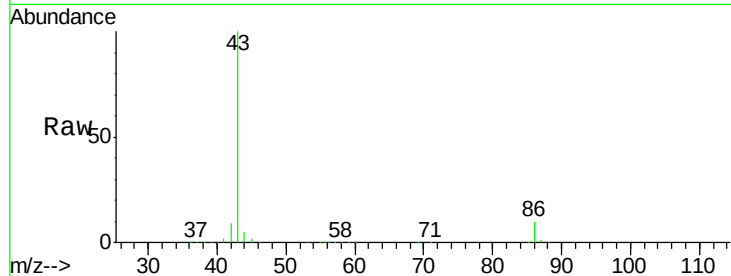
86 10.1 7.8 11.8

Manual Integrations

APPROVED

MMDadoda

9/27/2019 8:54:00 AM



#24

1,1-Dichloroethane

Concen: 20.393 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

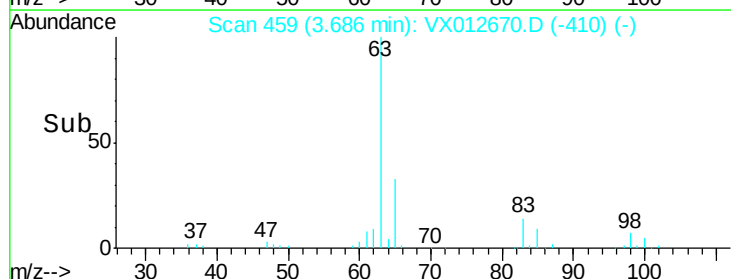
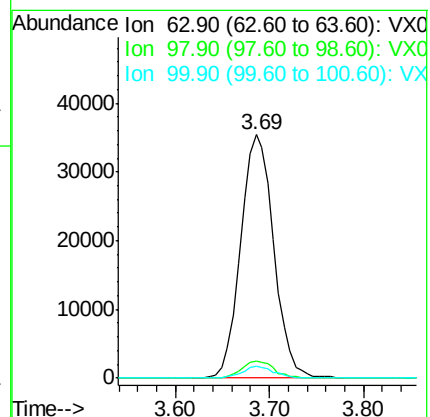
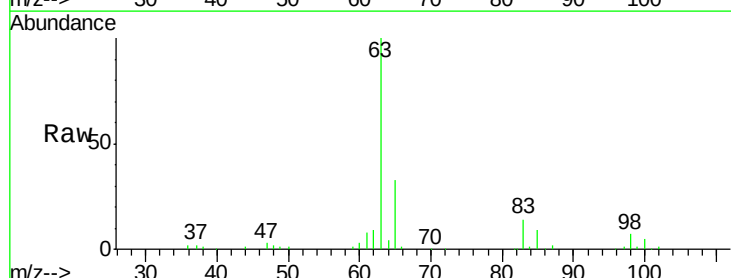
Tgt Ion: 63 Resp: 86696

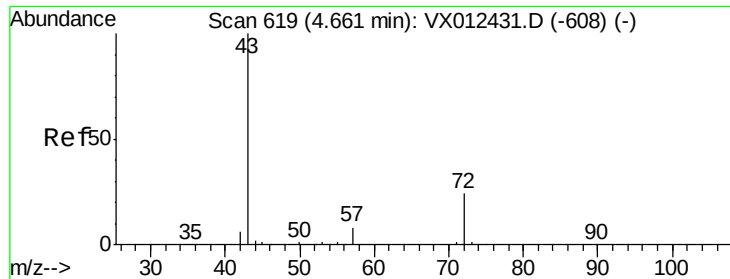
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 99.189 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 43 Resp: 208148

Ion Ratio Lower Upper

43 100

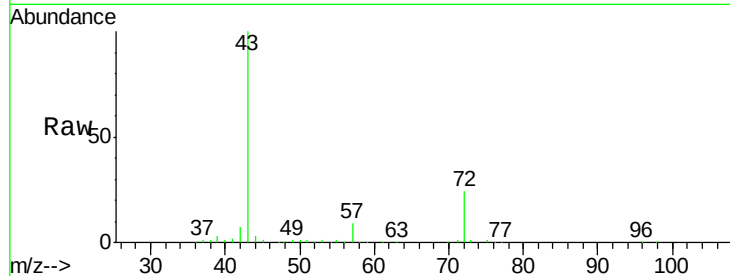
72 24.1 19.2 28.8

Manual Integrations

APPROVED

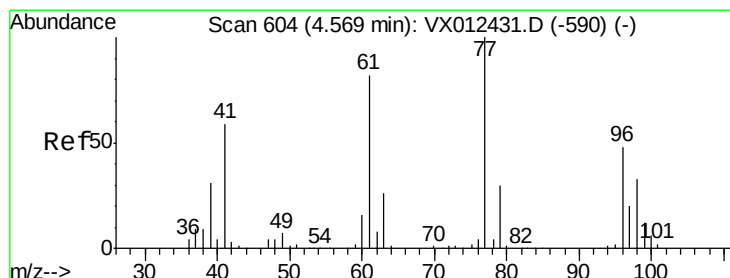
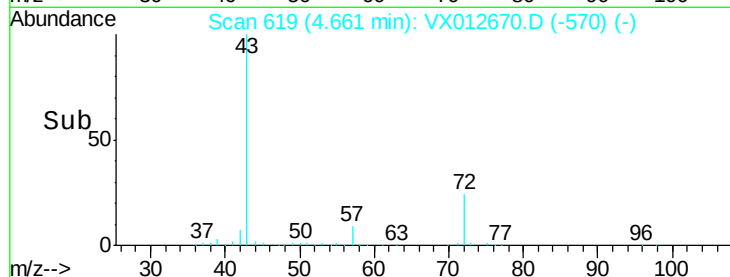
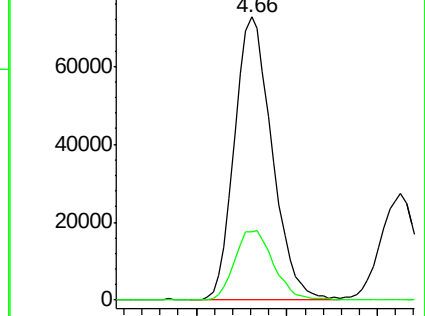
MMDadoda

9/27/2019 8:54:00 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.987 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012670.D

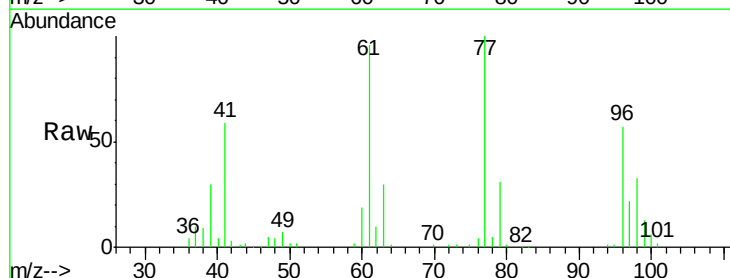
Acq: 26 Sep 2019 13:36

Tgt Ion: 77 Resp: 71790

Ion Ratio Lower Upper

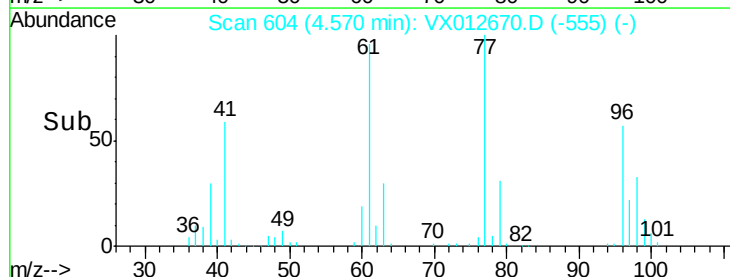
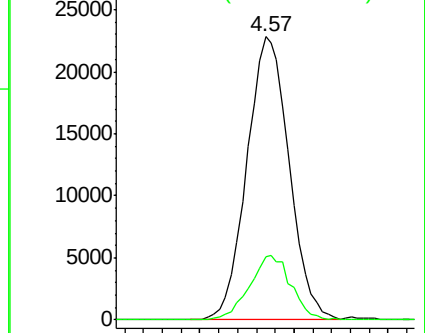
77 100

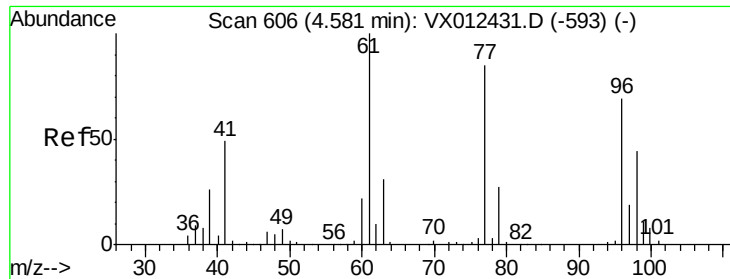
97 22.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

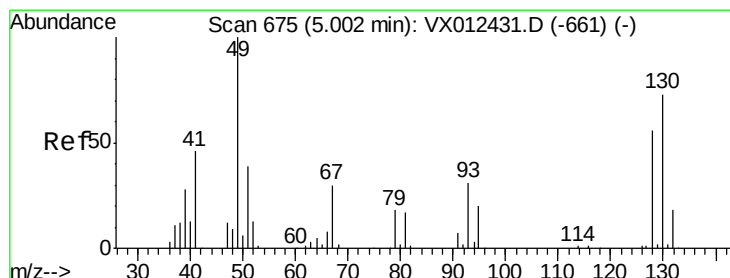
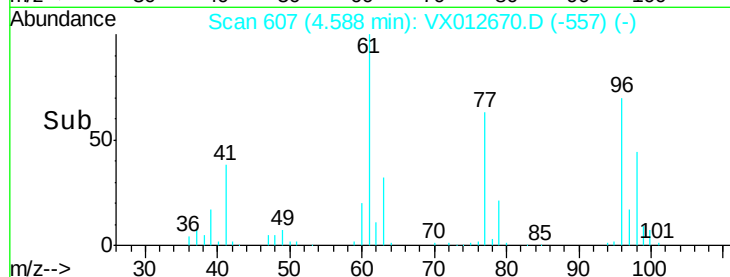
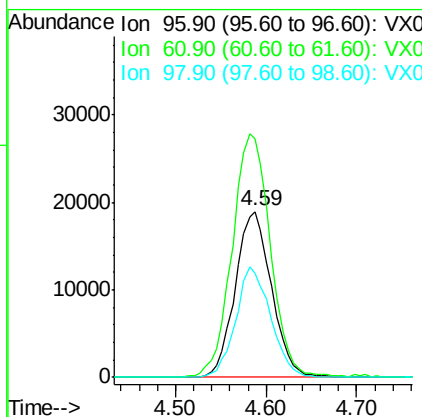
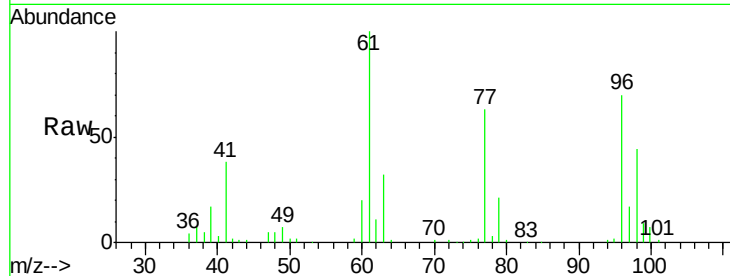
cis-1,2-Dichloroethene
Concen: 19.971 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampled :
VX0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	52374		
61	154.7		0.0	319.4
98	64.4		0.0	130.6

Manual Integrations
APPROVED

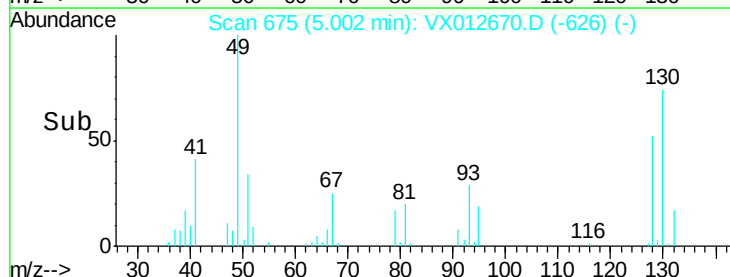
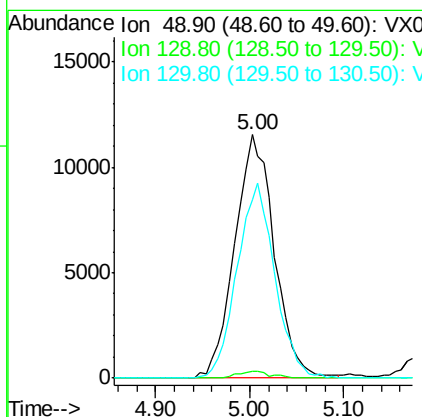
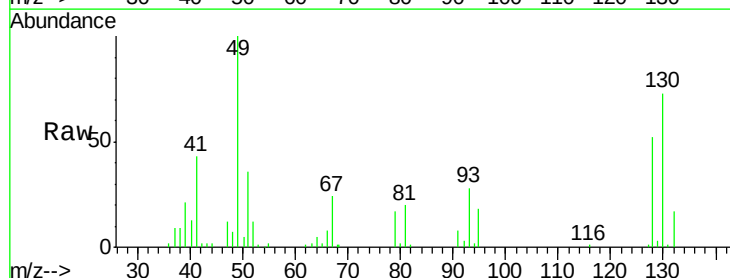
MMDadoda
9/27/2019 8:54:00 AM

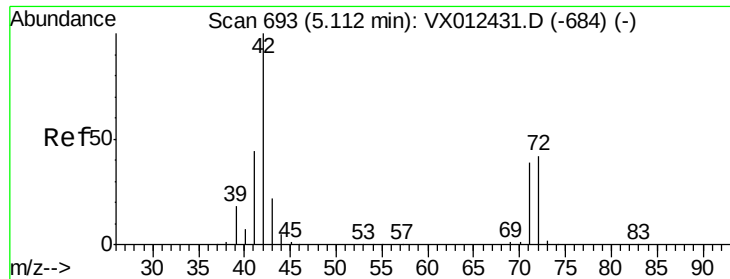


#28

Bromochloromethane
Concen: 21.957 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33894		
129	2.3		0.0	3.8
130	76.3		58.2	87.4





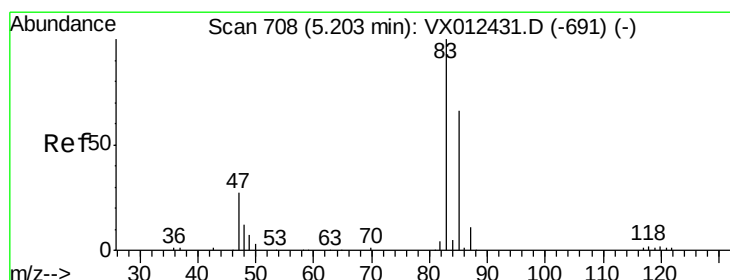
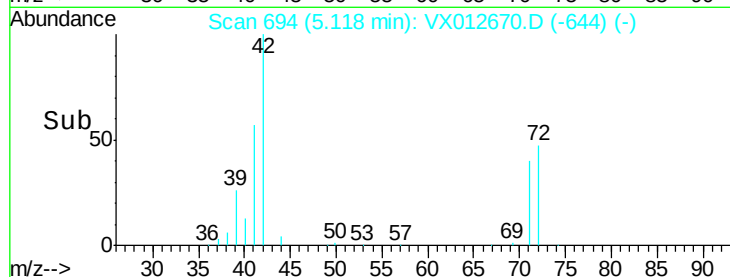
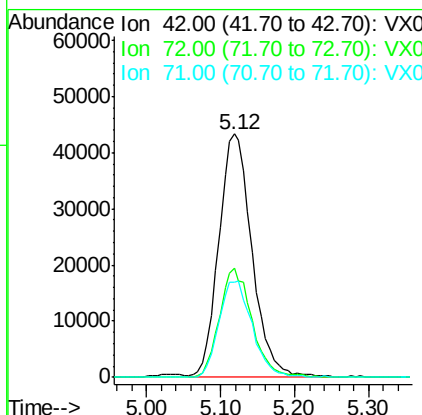
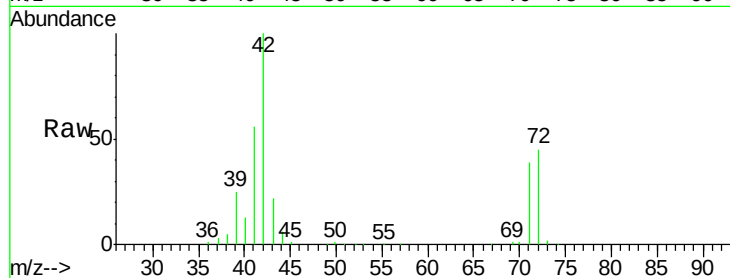
#29
Tetrahydrofuran
Concen: 104.019 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.0	51.0
71	40.1	31.5	47.3

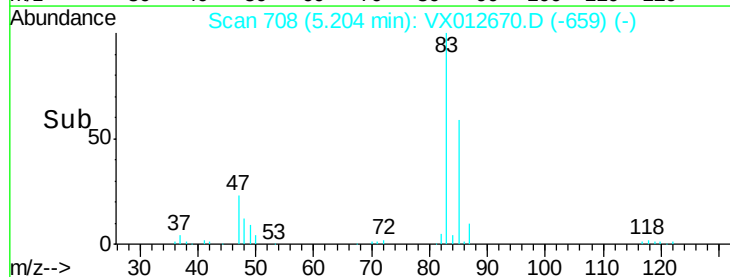
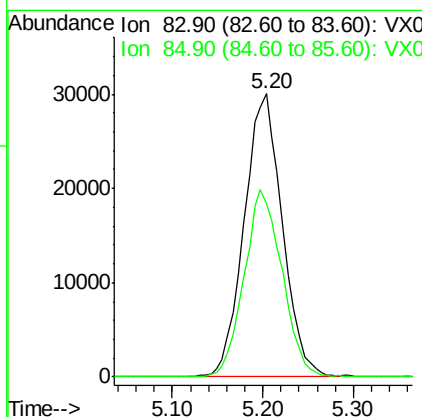
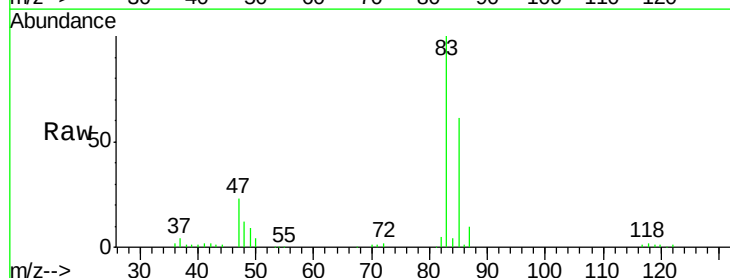
Manual Integrations
APPROVED

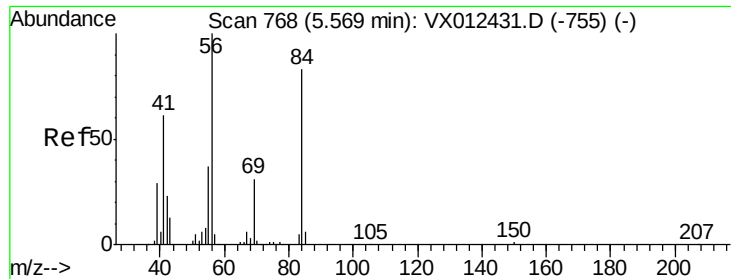
MMDadoda
9/27/2019 8:54:00 AM



#30
Chloroform
Concen: 20.106 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.0	79.4





#31

Cyclohexane

Concen: 20.723 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

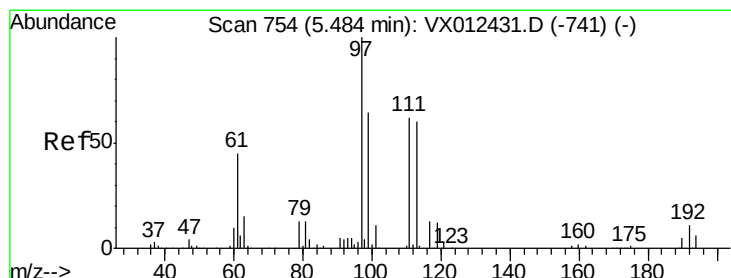
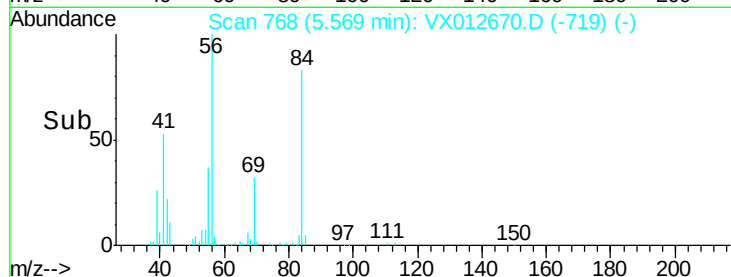
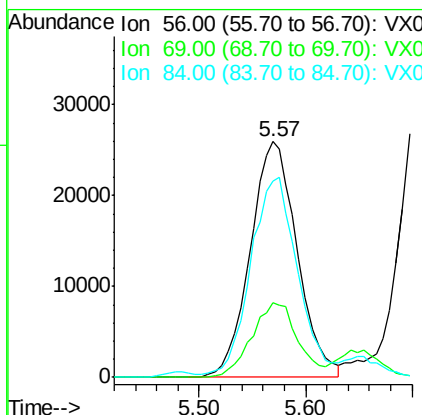
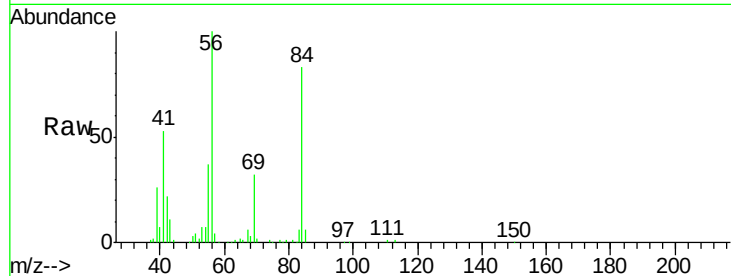
ClientSampleId :

VX0926WBSD01

Tot Ion:	56	Resp:	79701
Ion Ratio	Lower	Upper	
56	100		
69	31.8	25.0	37.6
84	81.2	66.4	99.6

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#32

1,1,1-Trichloroethane

Concen: 19.935 ug/l

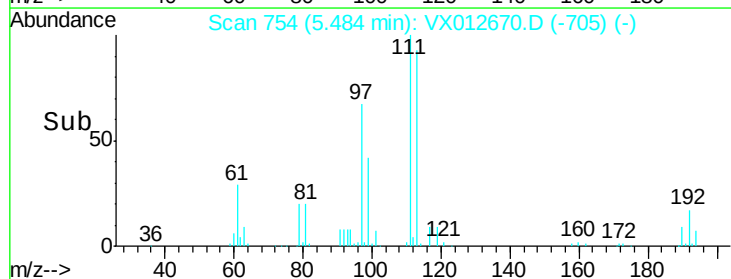
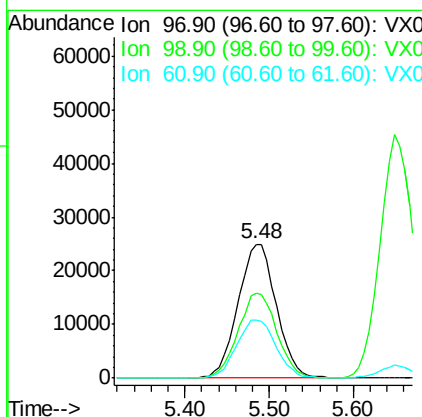
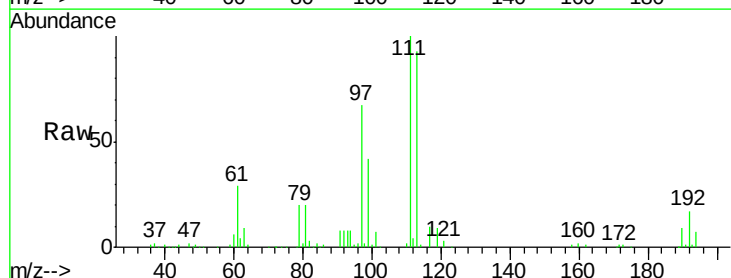
RT: 5.48 min Scan# 754

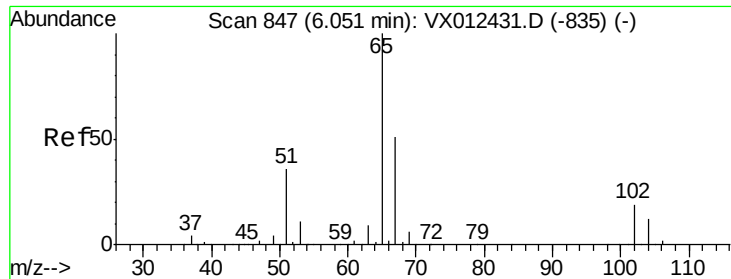
Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion:	97	Resp:	76845
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.3	76.9
61	44.8	36.1	54.1





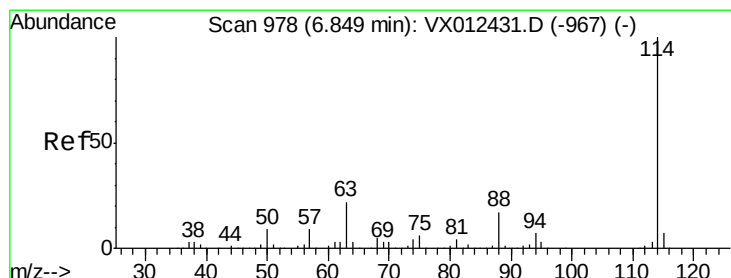
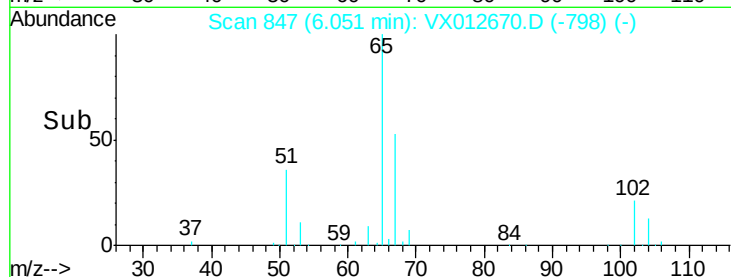
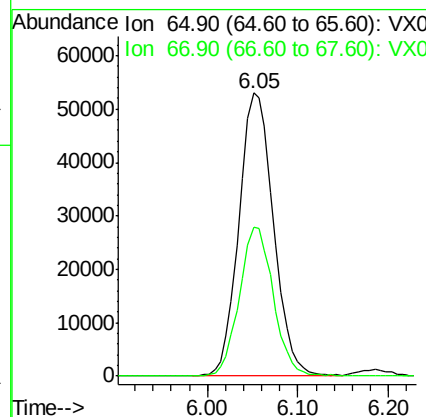
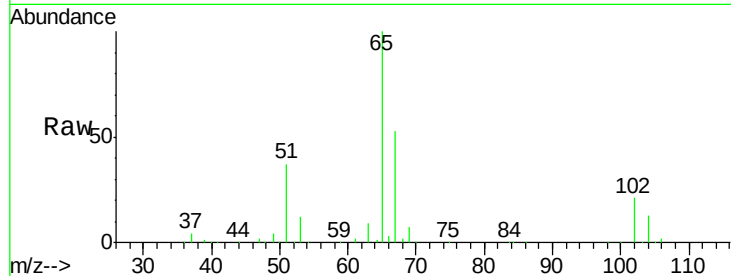
#33
 1,2-Dichloroethane-d4
 Concen: 50.749 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	140224		
67	51.7	0.0	101.2	

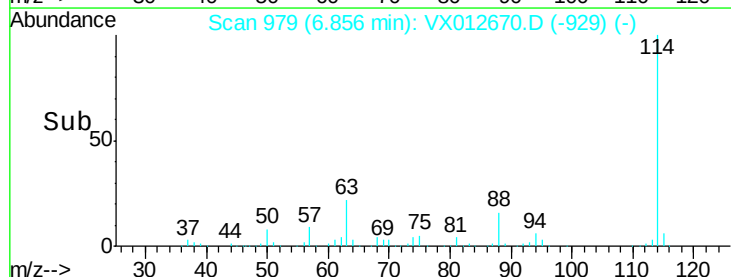
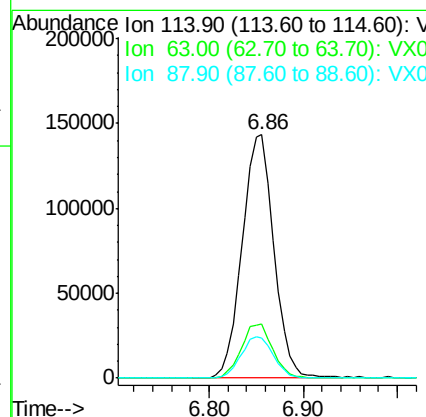
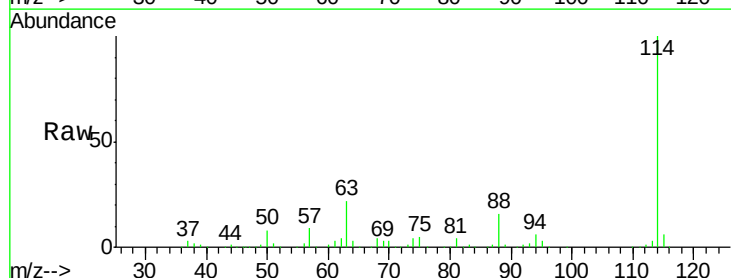
Manual Integrations
 APPROVED

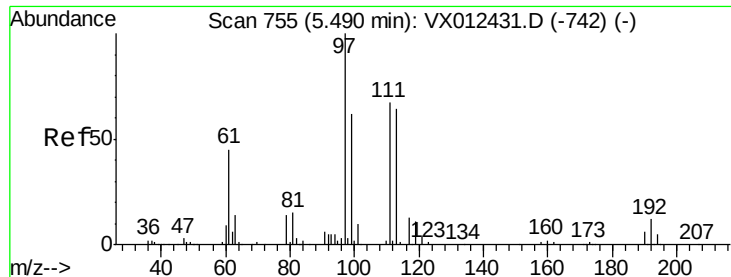
MMDadoda
 9/27/2019 8:54:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	337869		
63	22.1	0.0	43.2	
88	16.5	0.0	33.2	





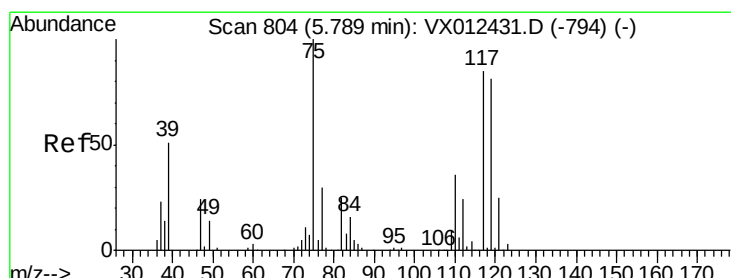
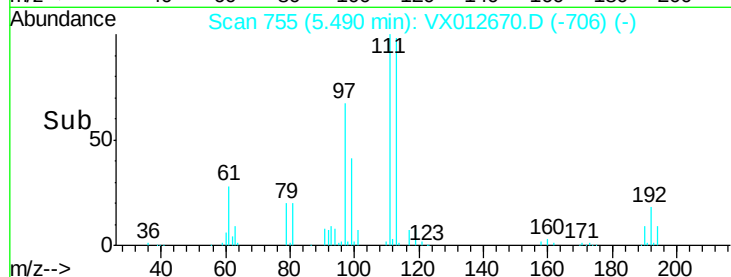
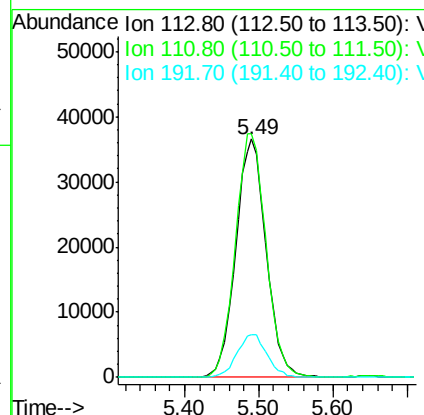
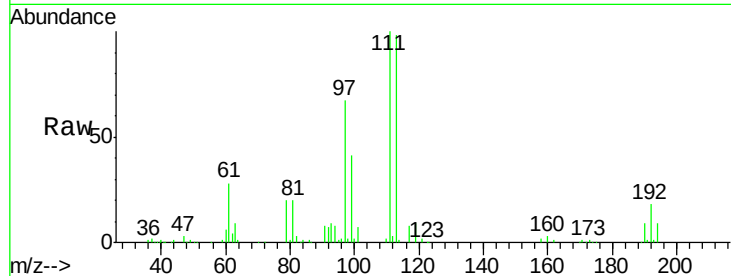
#35
 Dibromofluoromethane
 Concen: 51.855 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104340		
111	103.3	83.4	125.2	
192	17.9	14.4	21.6	

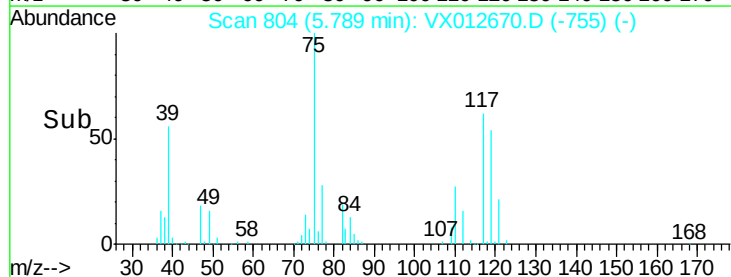
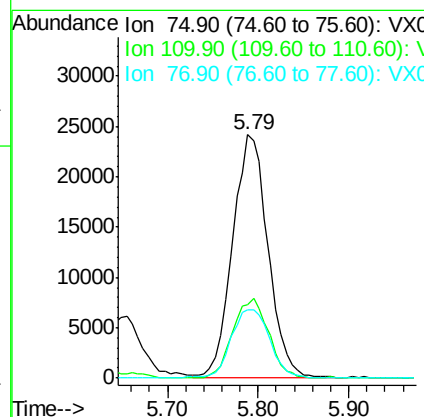
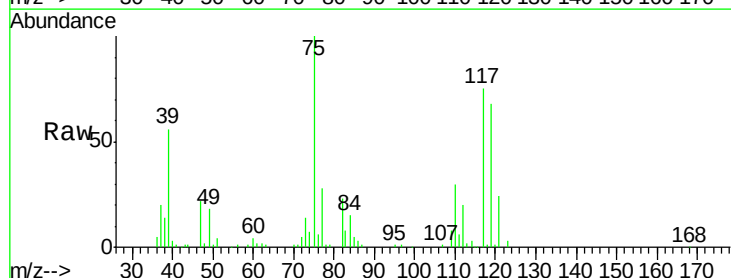
Manual Integrations
 APPROVED

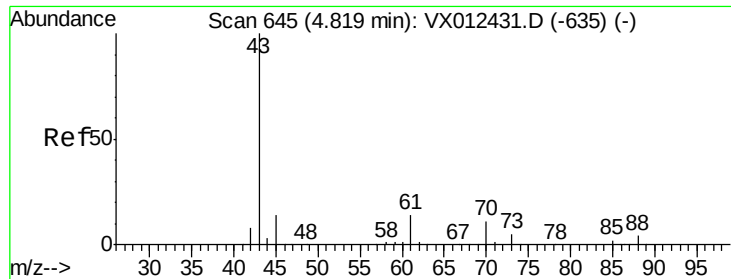
MMDadoda
 9/27/2019 8:54:00 AM



#36
 1,1-Dichloropropene
 Concen: 19.956 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64992		
110	33.6	16.7	50.0	
77	31.3	24.2	36.2	





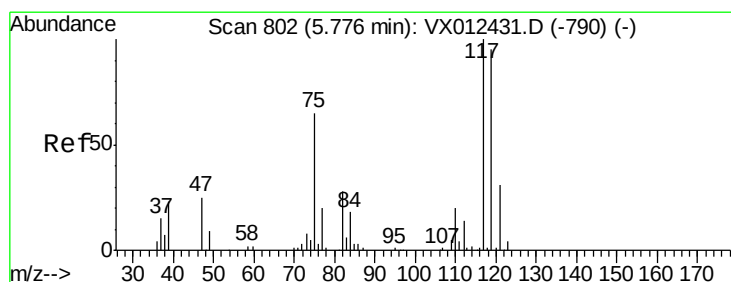
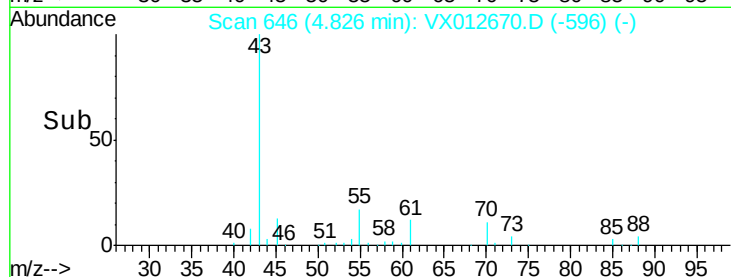
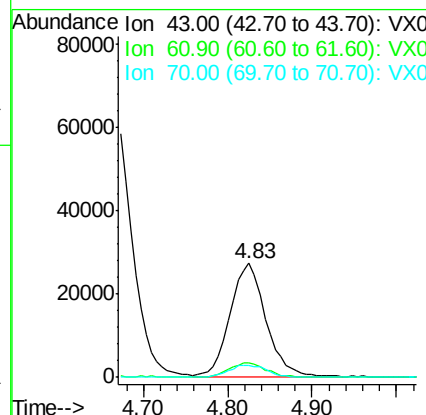
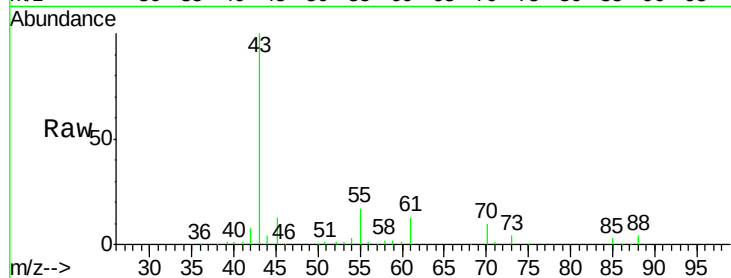
#37
Ethyl Acetate
Concen: 20.567 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	11.6	8.7	13.1

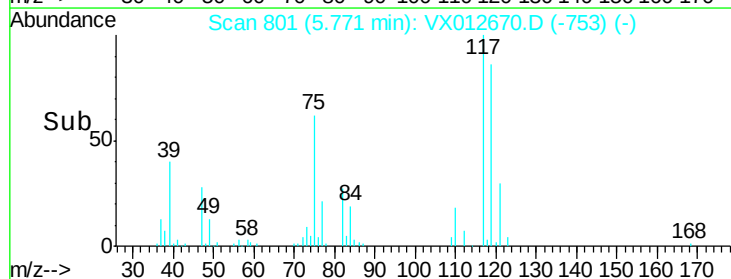
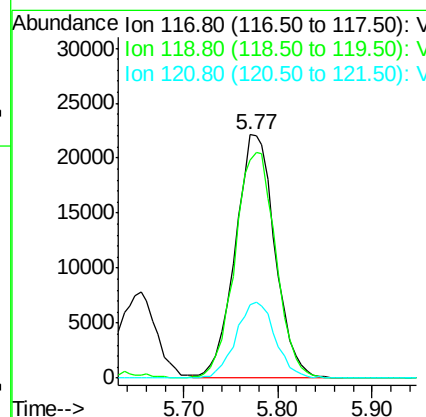
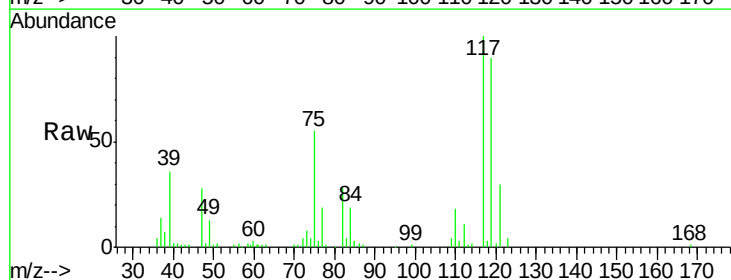
Manual Integrations
APPROVED

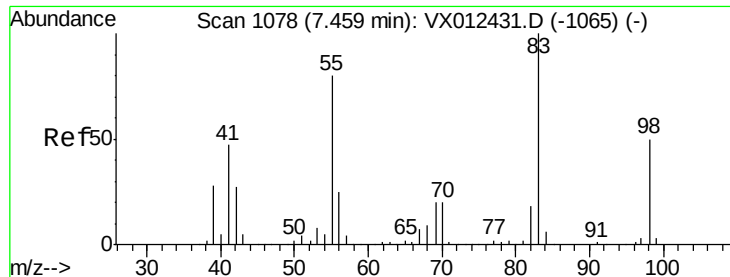
MMDadoda
9/27/2019 8:54:00 AM



#38
Carbon Tetrachloride
Concen: 19.636 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	75.7	113.5
121	29.9	24.2	36.4





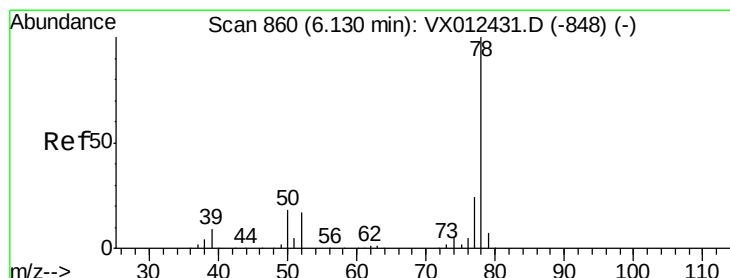
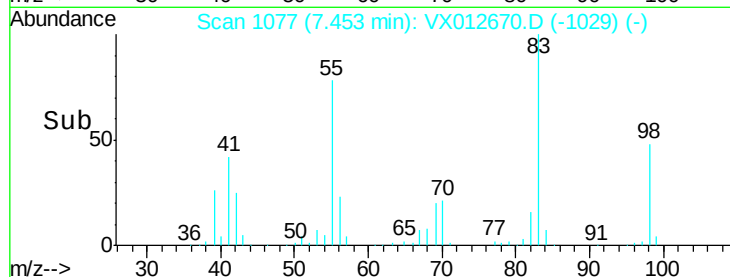
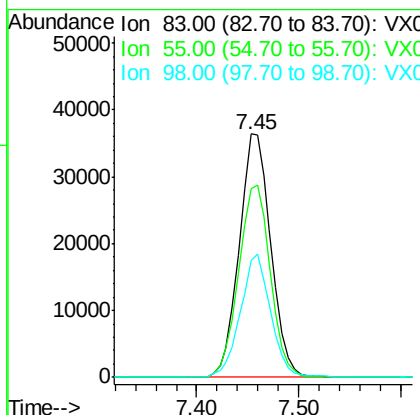
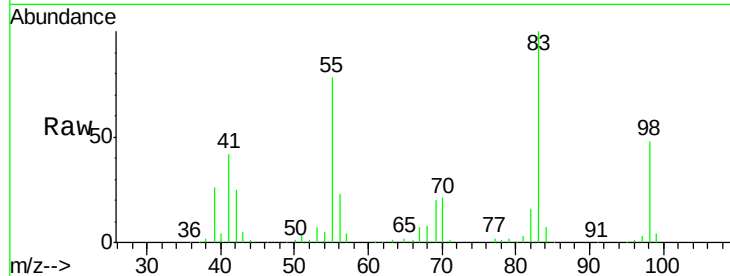
#39
Methylvlcyclohexane
Concen: 19.970 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	64.4	96.6
98	47.8	40.1	60.1

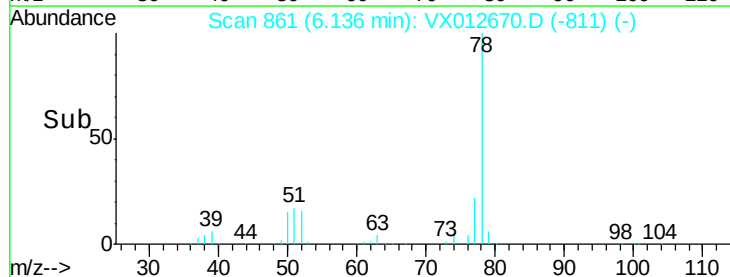
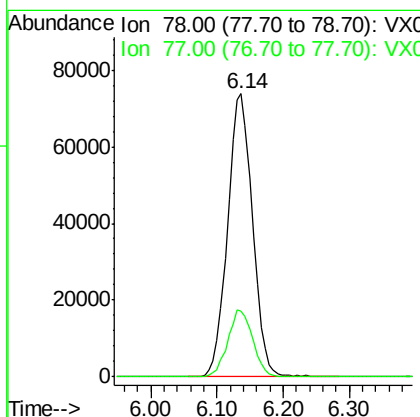
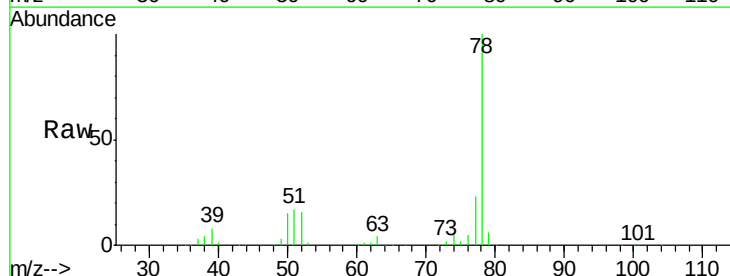
Manual Integrations
APPROVED

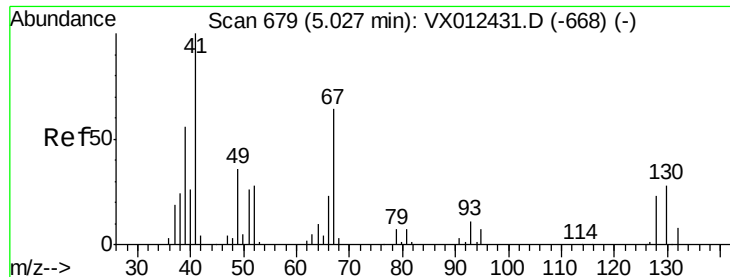
MMDadoda
9/27/2019 8:54:00 AM



#40
Benzene
Concen: 20.132 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





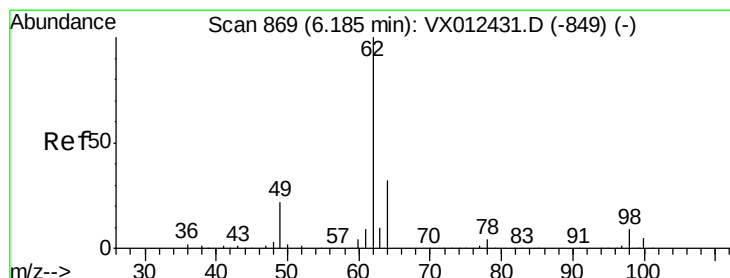
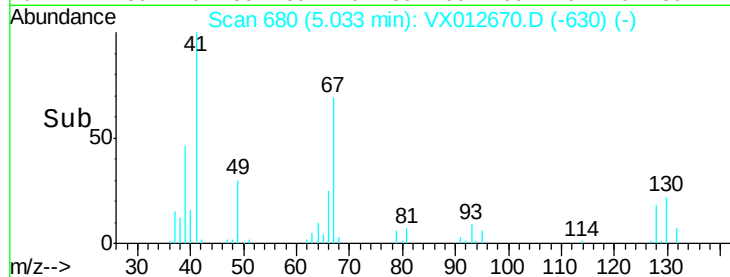
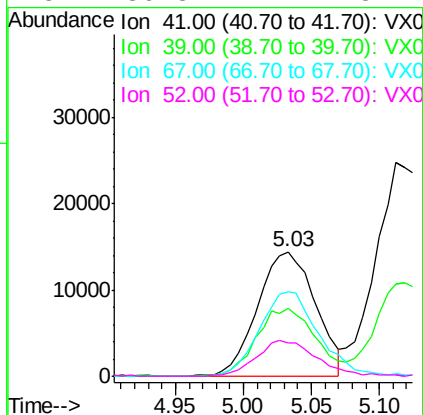
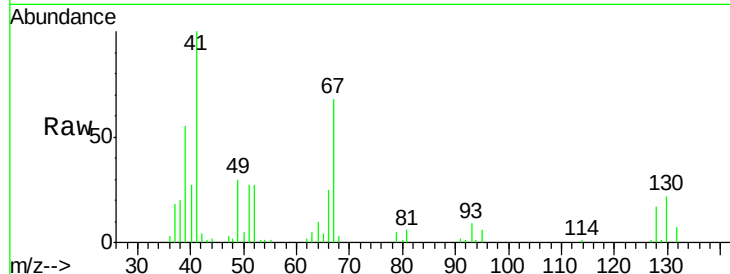
#41
Methacrylonitrile
Concen: 19.878 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion:	41	Resp:	42464
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.0	69.0
67	70.0	52.2	78.2
52	30.3	22.7	34.1

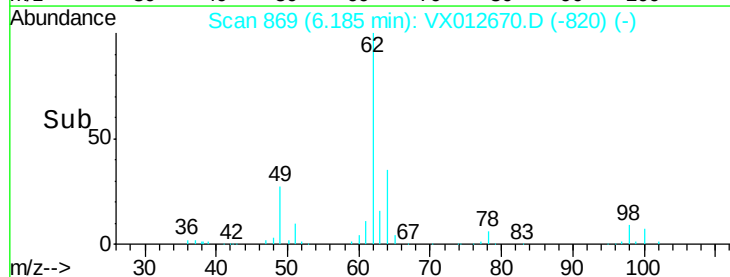
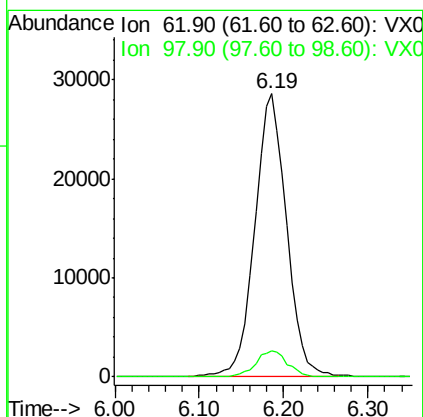
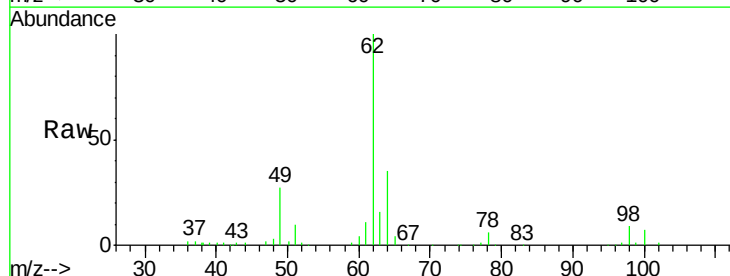
Manual Integrations
APPROVED

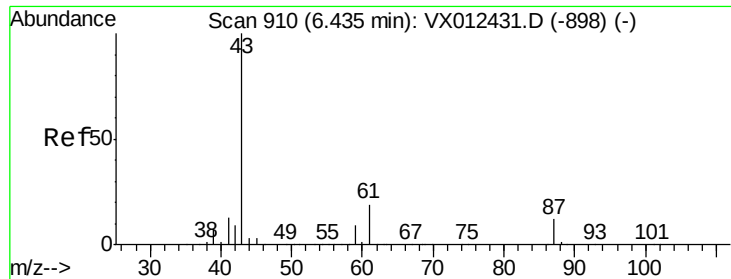
MMDadoda
9/27/2019 8:54:00 AM



#42
1,2-Dichloroethane
Concen: 20.267 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion:	62	Resp:	73745
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8





#43

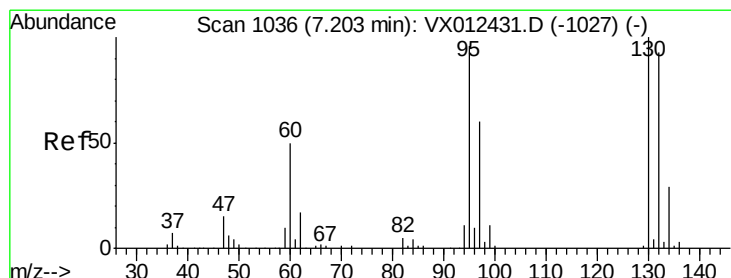
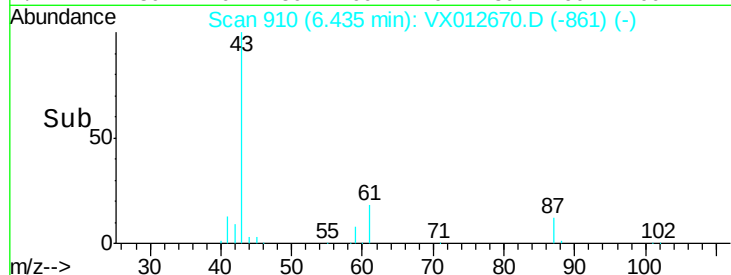
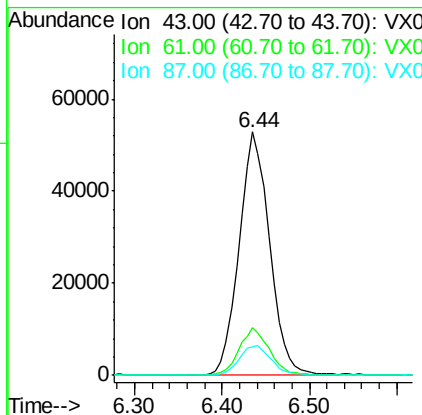
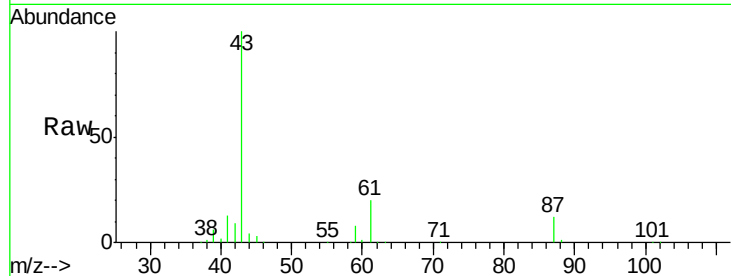
Isopropyl Acetate
 Concen: 20.169 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.9	9.8	14.8

Manual Integrations
 APPROVED

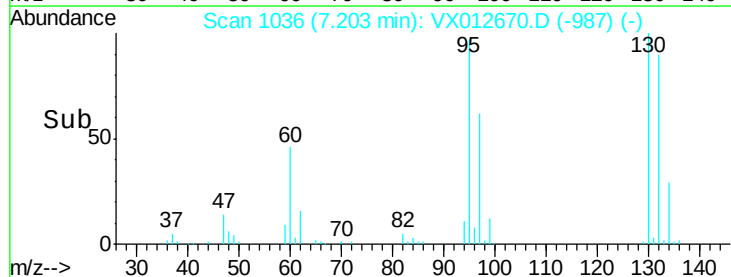
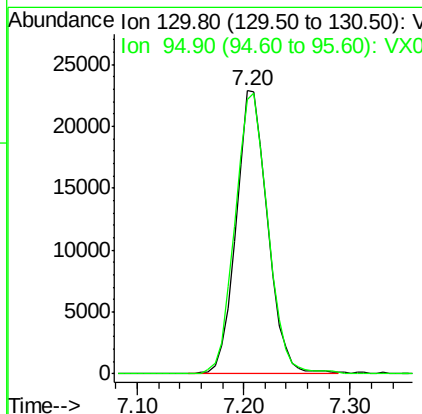
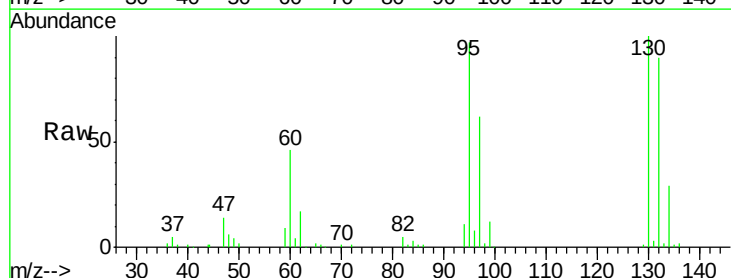
MMDadoda
 9/27/2019 8:54:00 AM

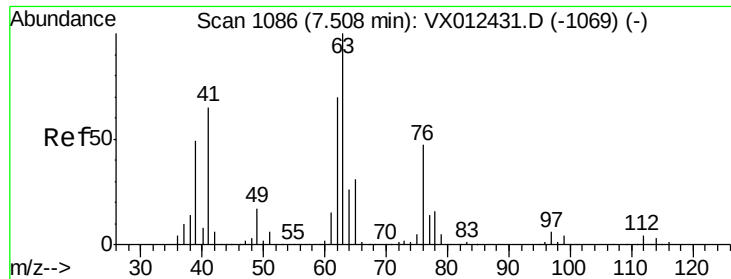


#44

Trichloroethene
 Concen: 19.456 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	193.0





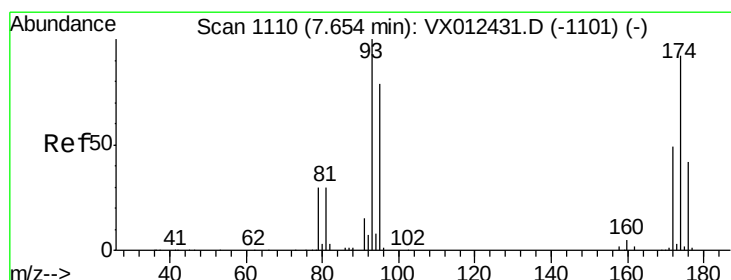
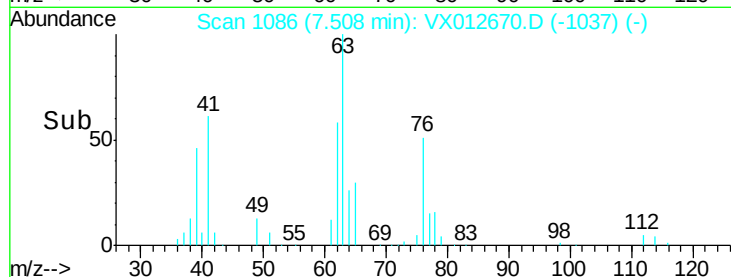
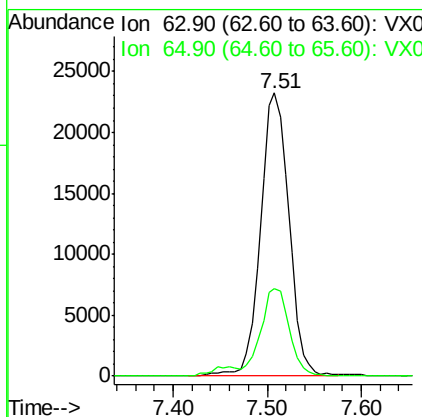
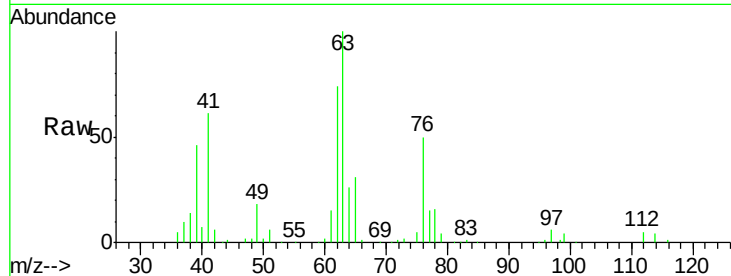
#45
 1,2-Dichloropropane
 Concen: 20.211 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion: 63 Resp: 49583
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6

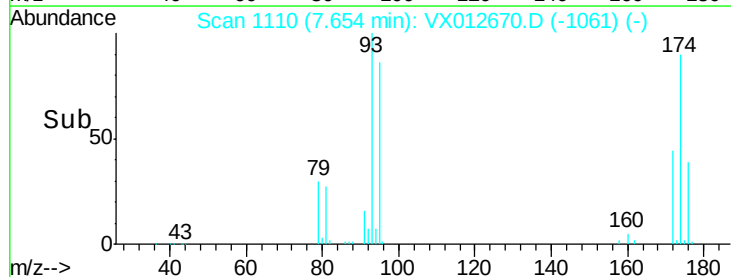
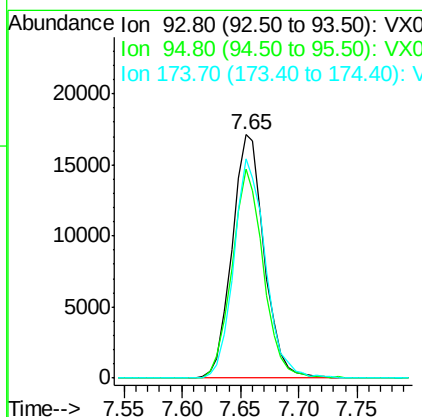
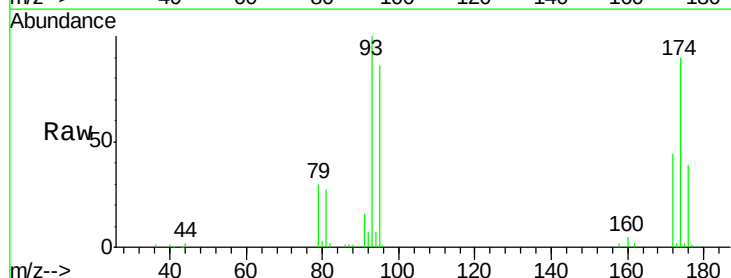
Manual Integrations
 APPROVED

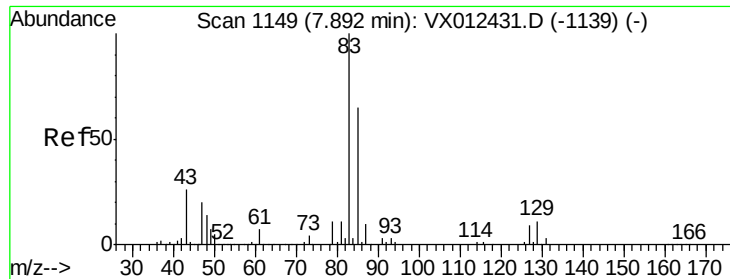
MMDadoda
 9/27/2019 8:54:00 AM



#46
 Dibromomethane
 Concen: 19.671 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion: 93 Resp: 32857
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.6 100.0
 174 88.9 77.4 116.0





#47

Bromodichloromethane

Concen: 19.870 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

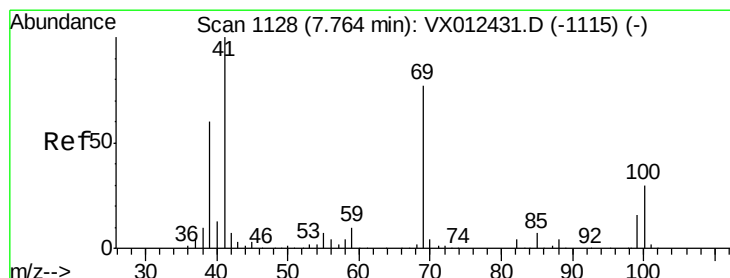
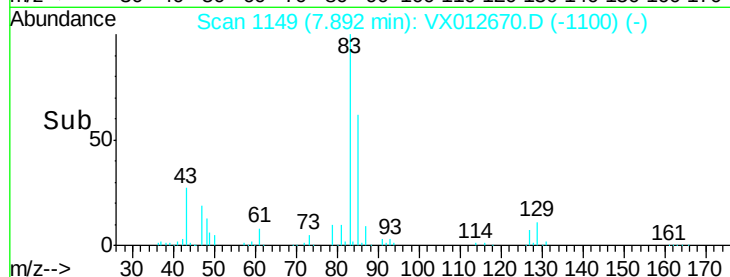
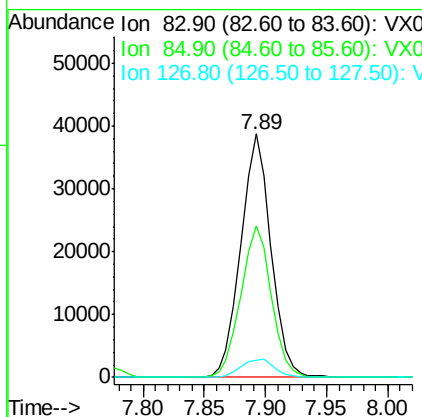
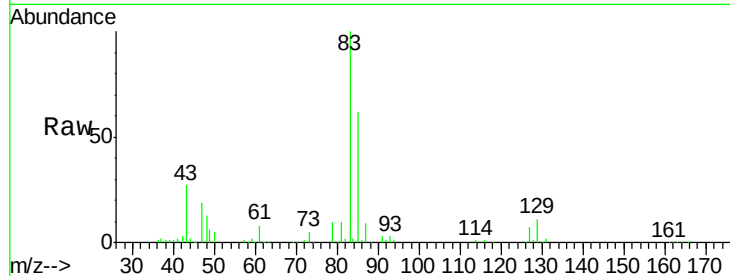
ClientSampleId :

VX0926WBSD01

Tot Ion:	83	Resp:	66331
Ion Ratio	Lower	Upper	
83	100		
85	62.0	51.8	77.6
127	7.1	7.3	10.9#

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#48

Methyl methacrylate

Concen: 20.213 ug/l

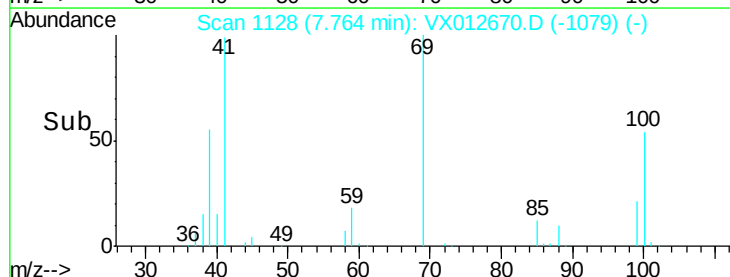
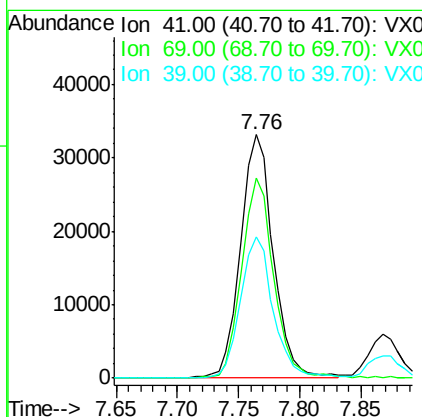
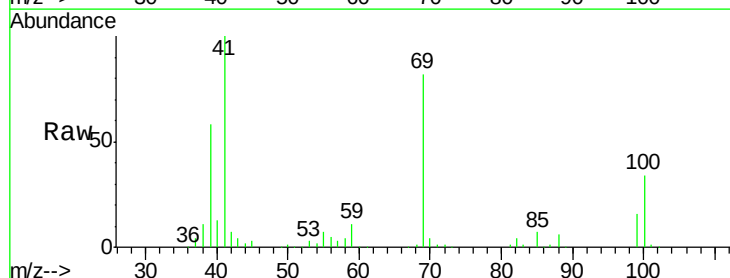
RT: 7.76 min Scan# 1128

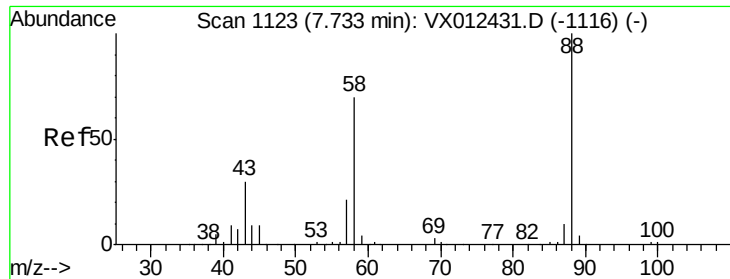
Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion:	41	Resp:	61712
Ion Ratio	Lower	Upper	
41	100		
69	80.6	59.9	89.9
39	58.0	47.8	71.6





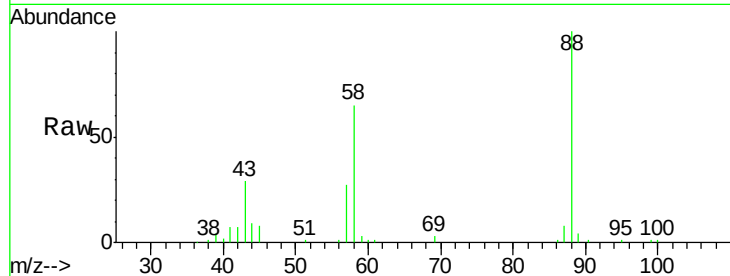
#49
1,4-Dioxane
Concen: 419.346 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	29.4	44.0
58	70.4	57.5	86.3

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM

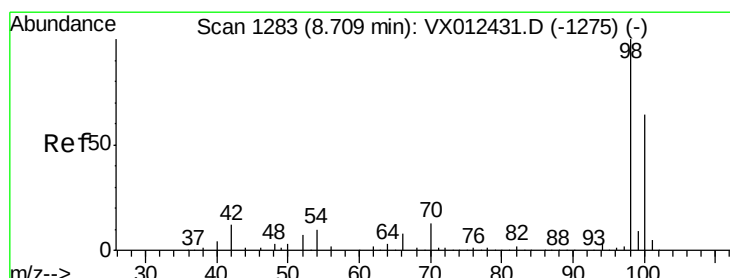
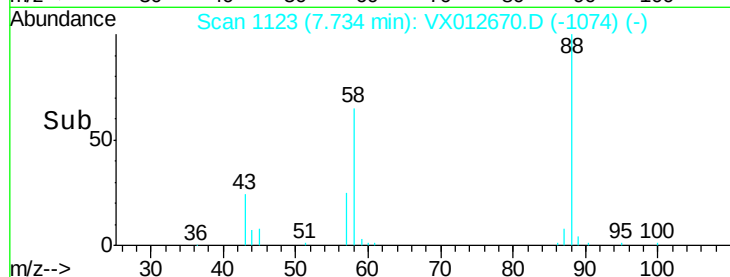
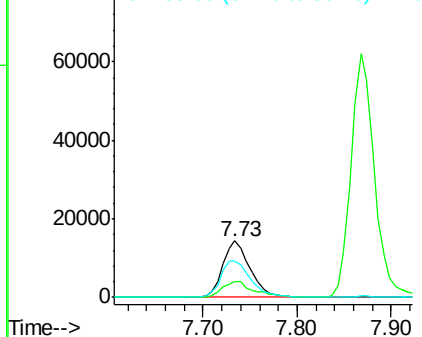


Abundance

Ion 88.00 (87.70 to 88.70): VX0

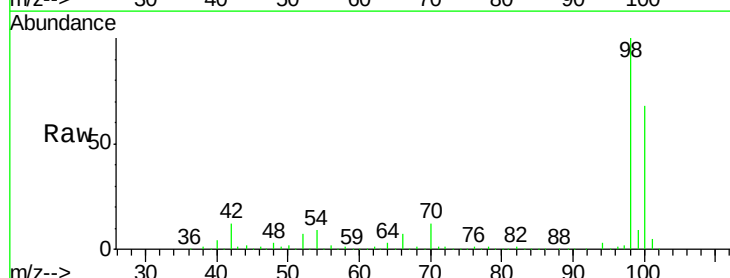
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.020 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

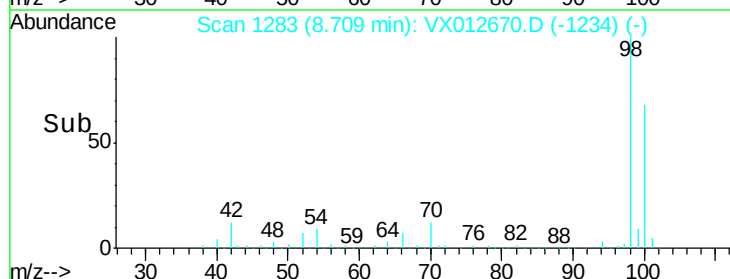
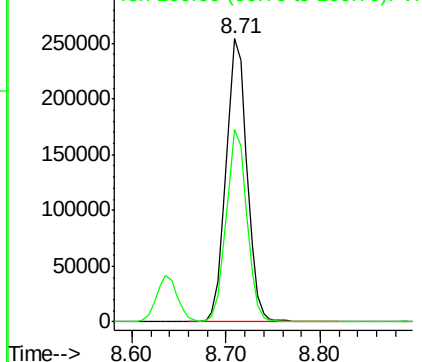
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2

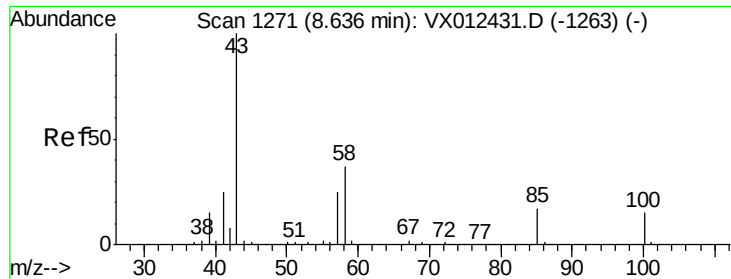


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 102.224 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 43 Resp: 401775

Ion Ratio Lower Upper

43 100

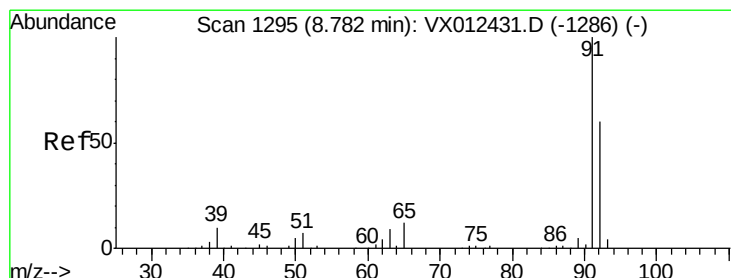
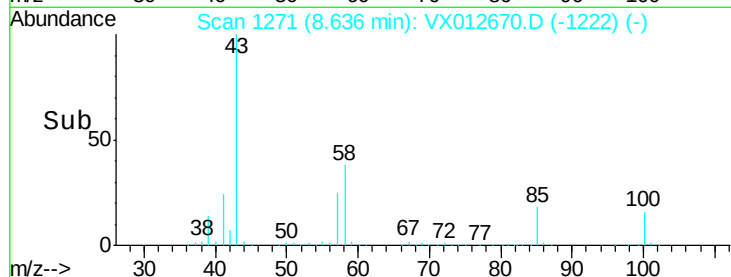
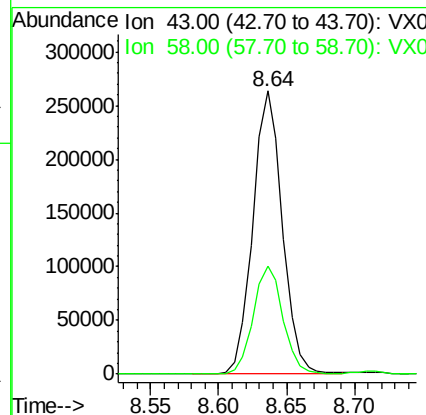
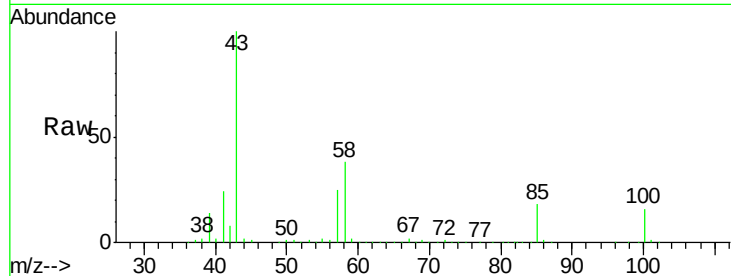
58 38.4 29.8 44.6

Manual Integrations

APPROVED

MMDadoda

9/27/2019 8:54:00 AM



#52

Toluene

Concen: 20.057 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012670.D

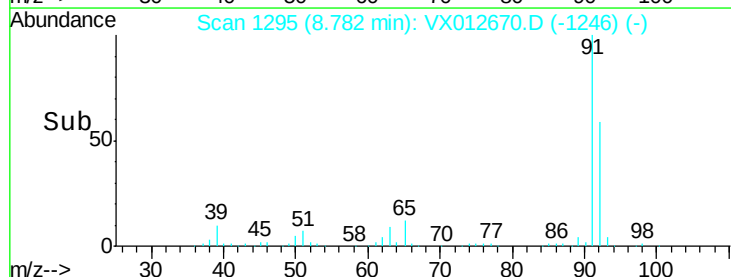
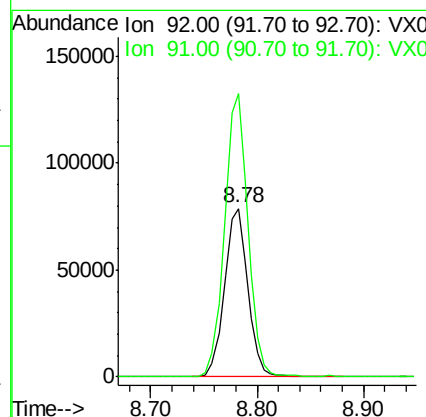
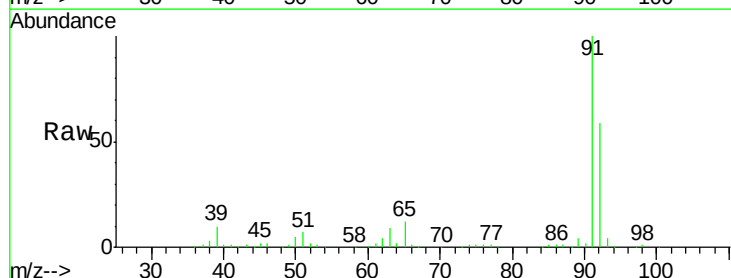
Acq: 26 Sep 2019 13:36

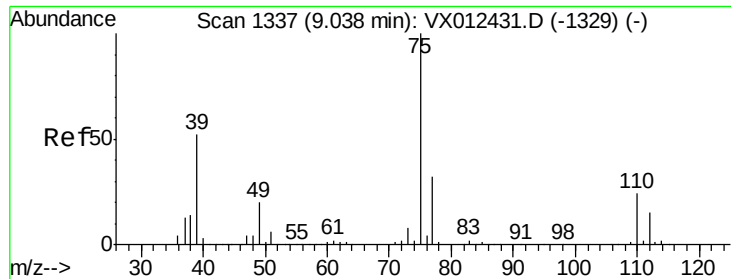
Tgt Ion: 92 Resp: 120795

Ion Ratio Lower Upper

92 100

91 168.0 135.4 203.0





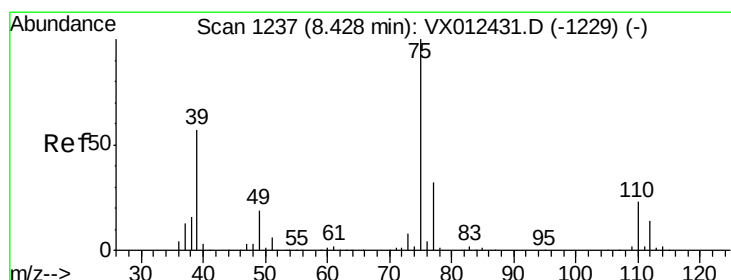
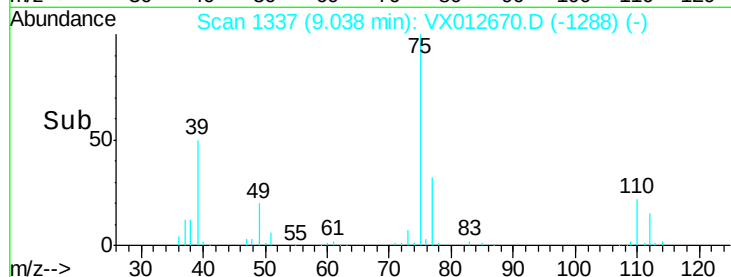
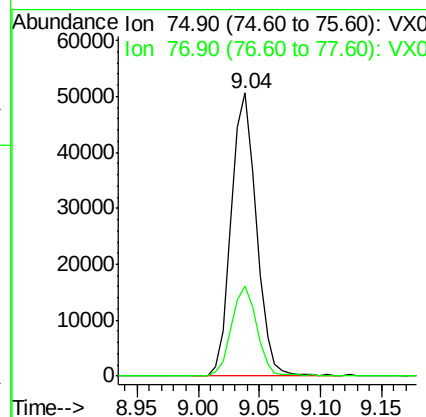
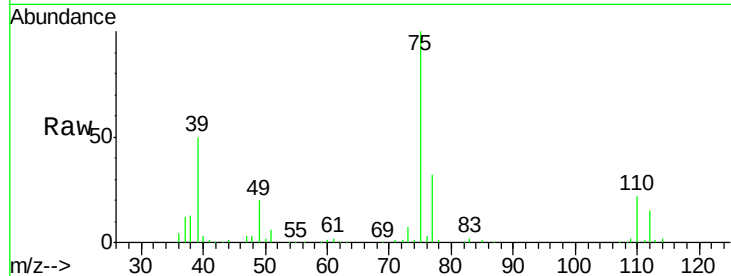
#53
t-1,3-Dichloropropene
Concen: 19.523 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion: 75 Resp: 72108
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

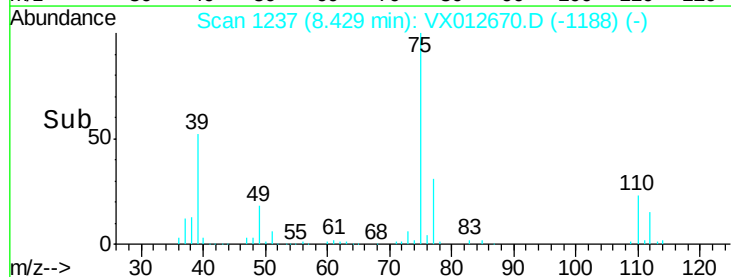
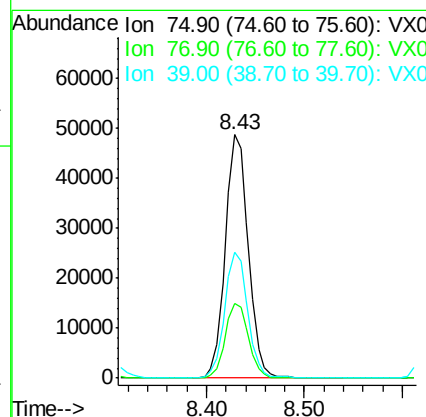
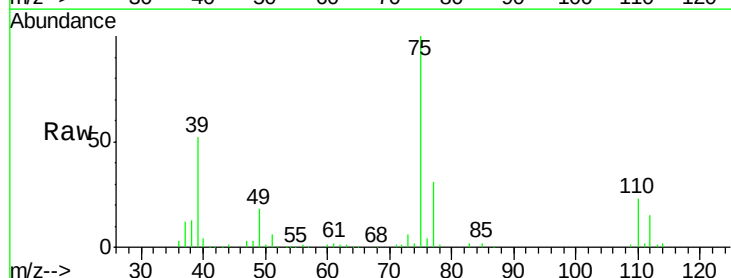
Manual Integrations
APPROVED

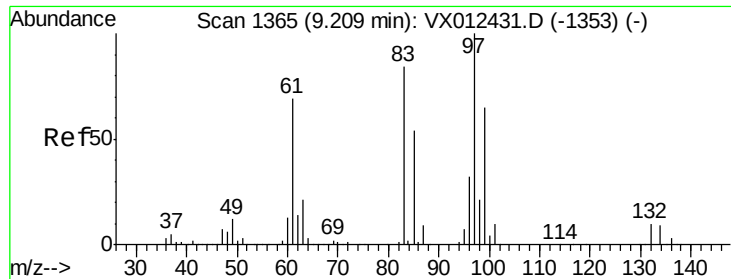
MMDadoda
9/27/2019 8:54:00 AM



#54
cis-1,3-Dichloropropene
Concen: 19.731 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion: 75 Resp: 79571
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.8
39 51.5 45.5 68.3





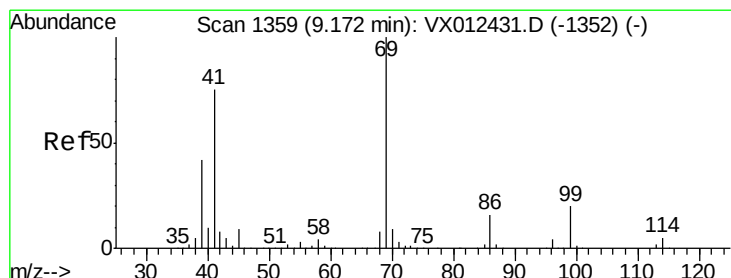
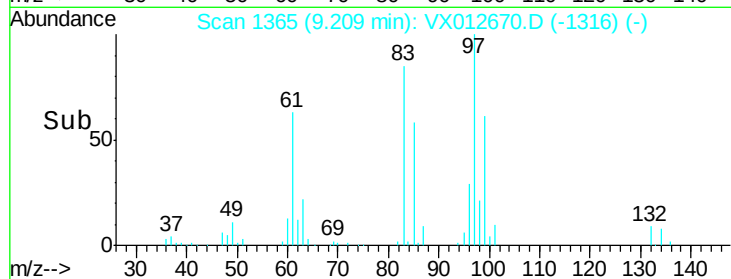
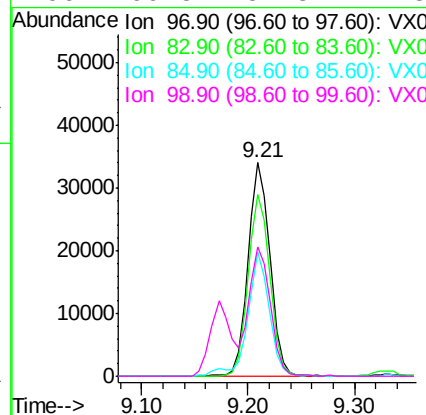
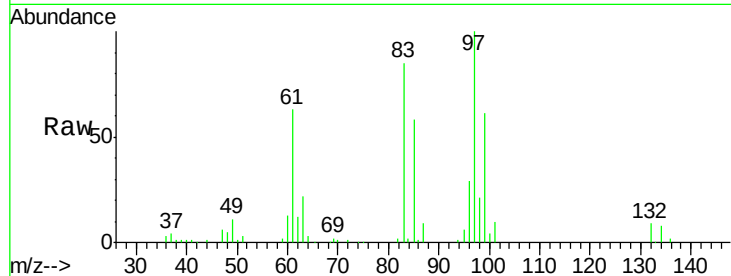
#55
 1,1,2-Trichloroethane
 Concen: 20.636 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion:	97	Resp:	49411
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.4	101.2
85	58.1	43.5	65.3
99	60.8	51.8	77.8

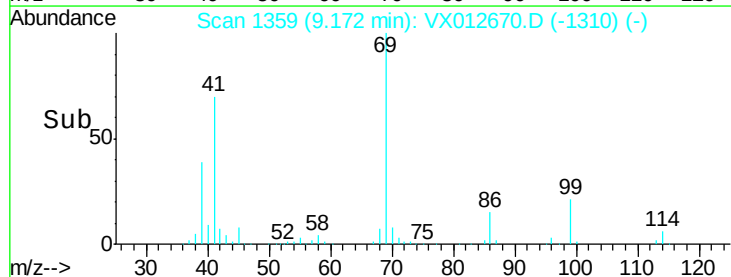
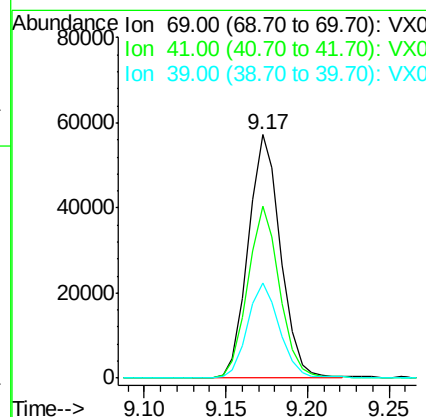
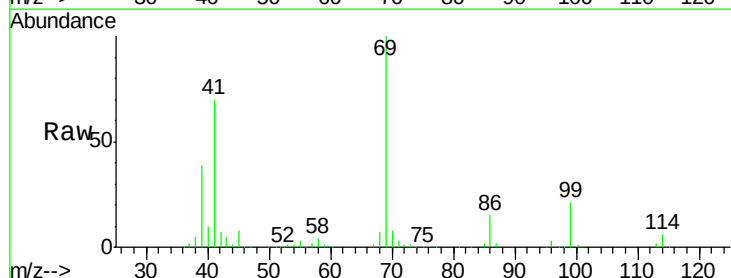
Manual Integrations
 APPROVED

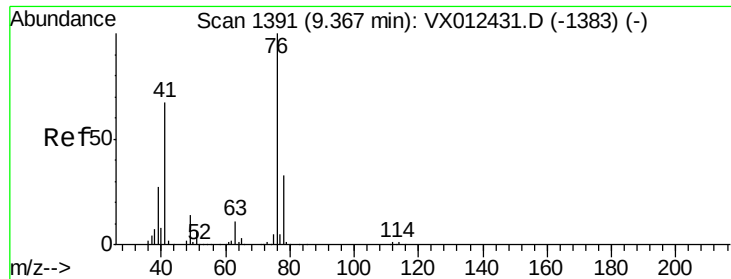
MMDadoda
 9/27/2019 8:54:00 AM



#56
 Ethyl methacrylate
 Concen: 19.640 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion:	69	Resp:	79001
Ion	Ratio	Lower	Upper
69	100		
41	70.4	58.4	87.6
39	39.0	33.4	50.0





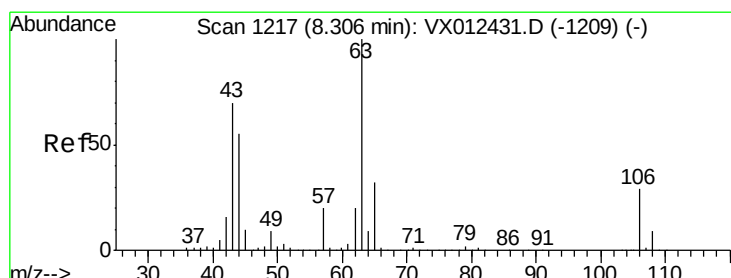
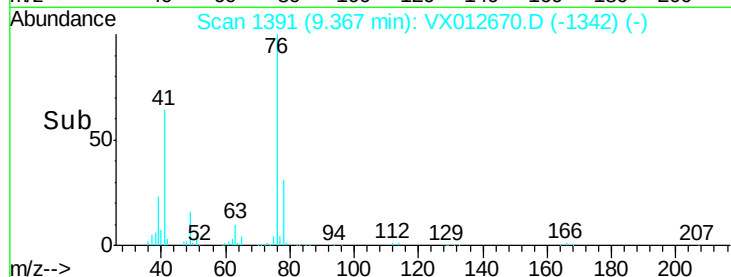
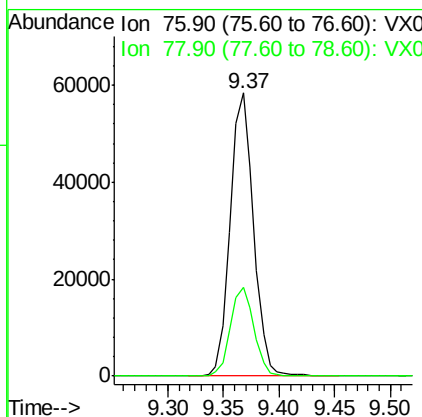
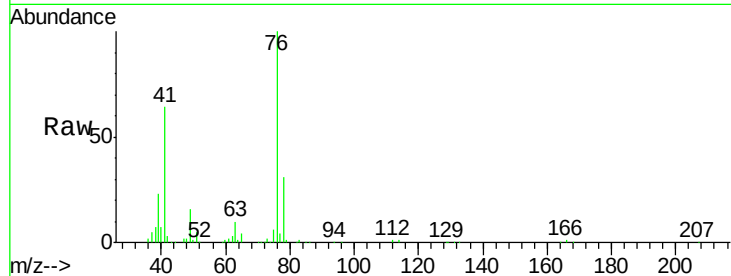
#57
 1,3-Dichloropropane
 Concen: 20.212 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion: 76 Resp: 84699
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.2

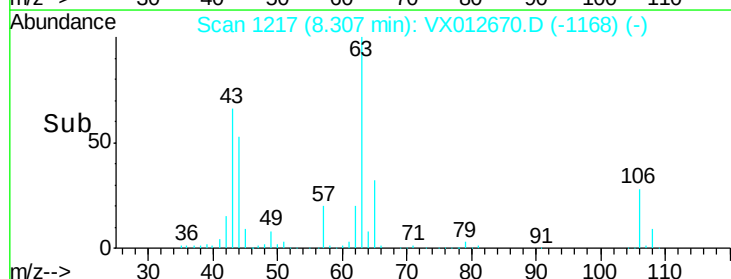
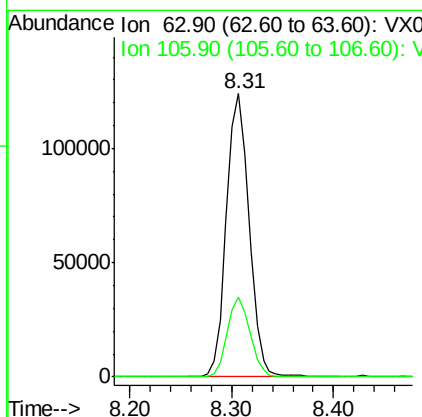
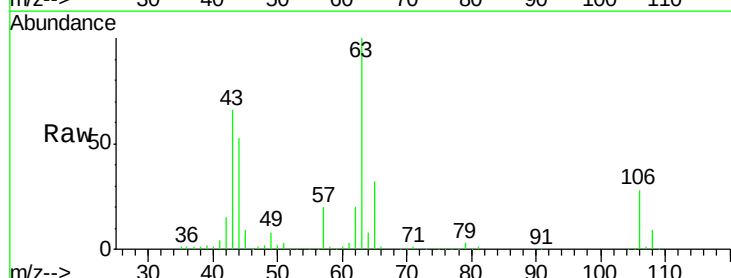
Manual Integrations
 APPROVED

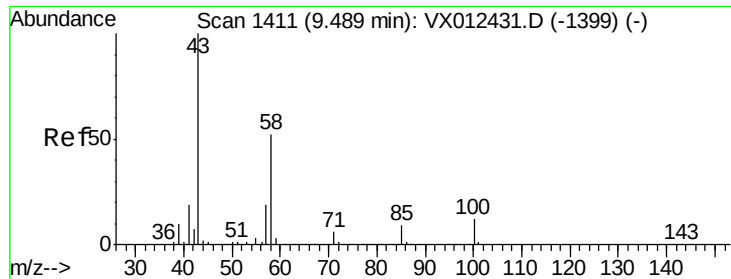
MMDadoda
 9/27/2019 8:54:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.285 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion: 63 Resp: 191909
 Ion Ratio Lower Upper
 63 100
 106 28.1 23.8 35.6





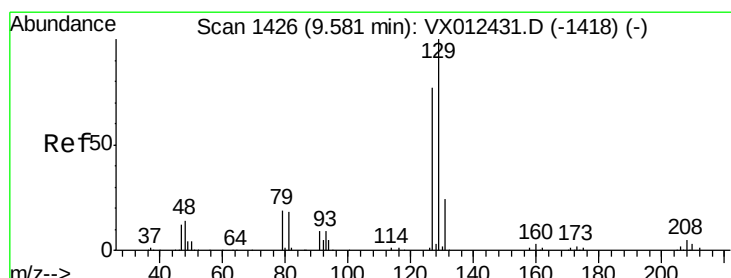
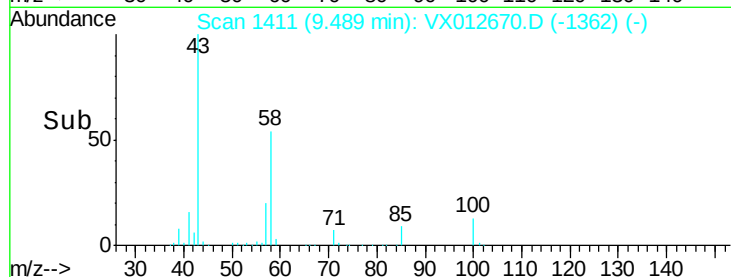
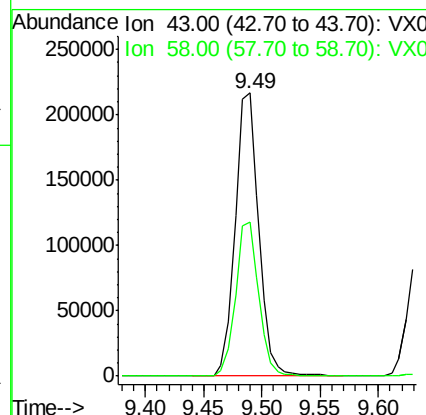
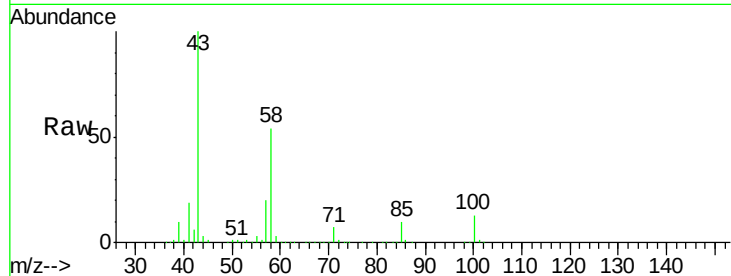
#59
2-Hexanone
Concen: 101.773 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion: 43 Resp: 306180
Ion Ratio Lower Upper
43 100
58 53.7 25.7 77.1

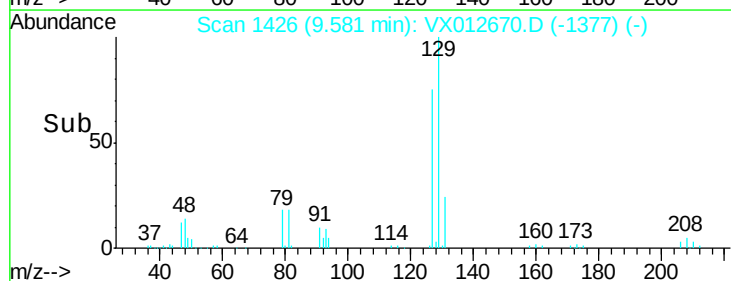
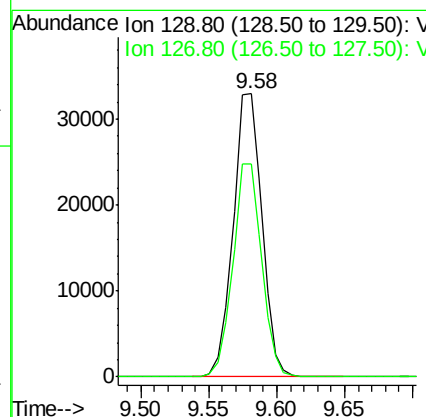
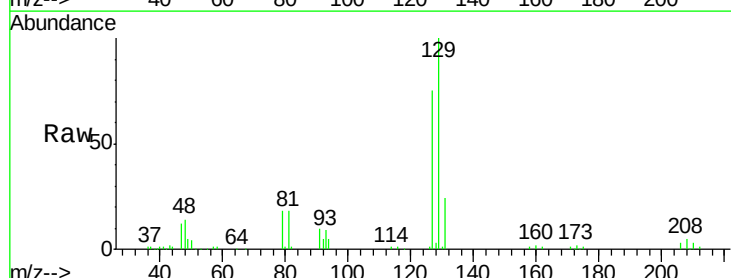
Manual Integrations
APPROVED

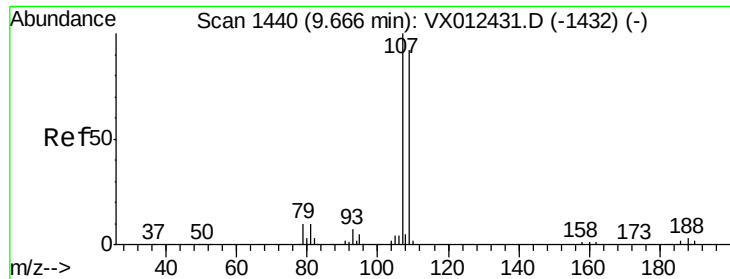
MMDadoda
9/27/2019 8:54:00 AM



#60
Dibromochloromethane
Concen: 20.024 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion: 129 Resp: 48534
Ion Ratio Lower Upper
129 100
127 75.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.816 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 107 Resp: 51870

Ion Ratio Lower Upper

107 100

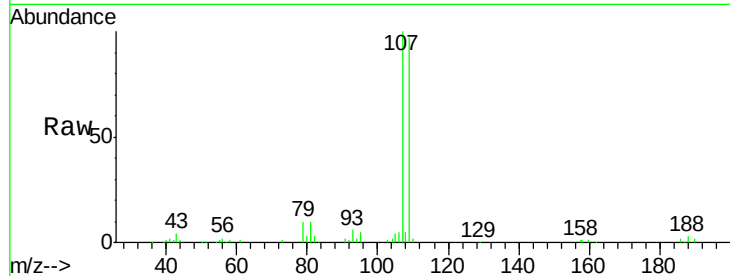
109 93.8 74.7 112.1

Manual Integrations

APPROVED

MMDadoda

9/27/2019 8:54:00 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

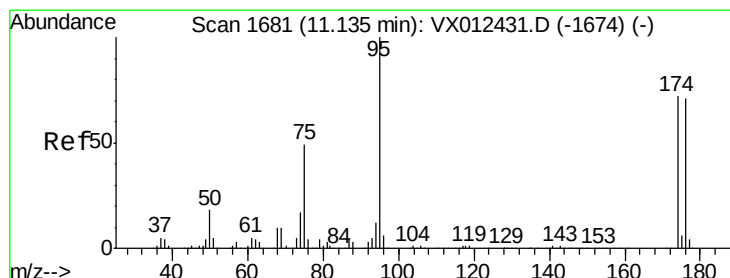
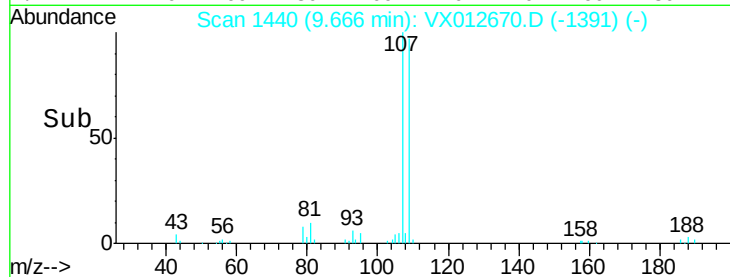
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 51.038 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

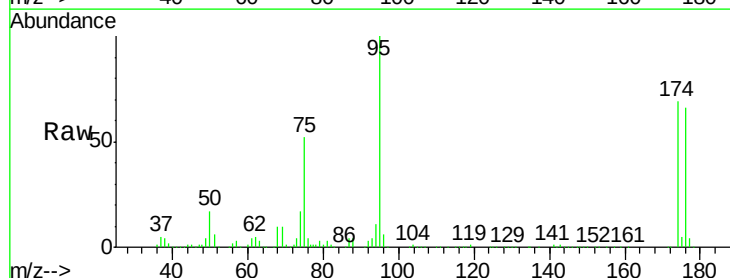
Tgt Ion: 95 Resp: 155508

Ion Ratio Lower Upper

95 100

174 67.9 0.0 140.0

176 64.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

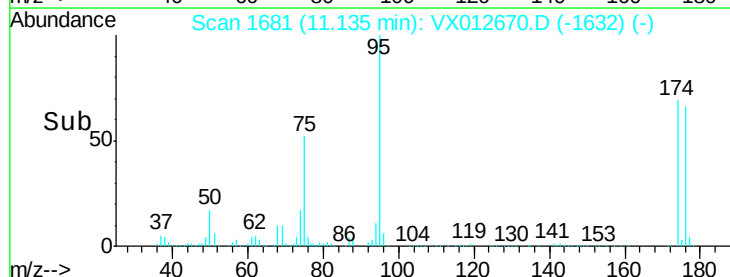
100000

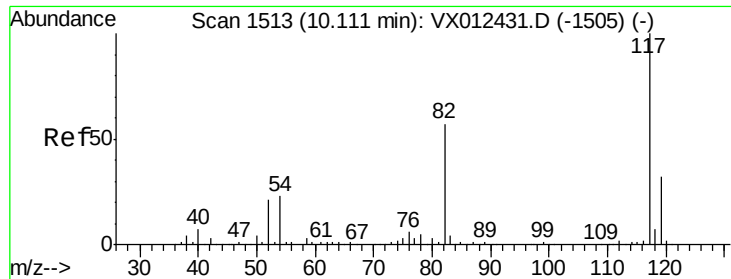
50000

0

11.10 11.20

Time-->





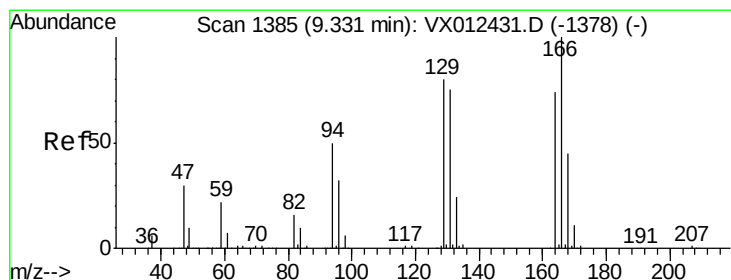
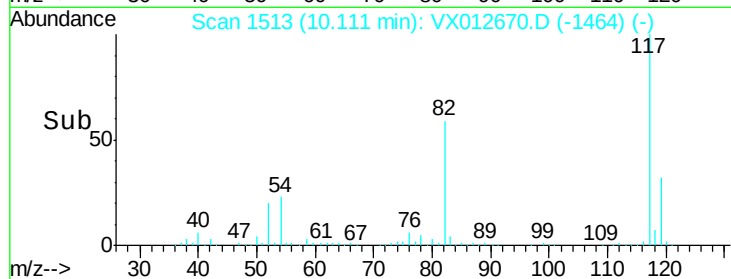
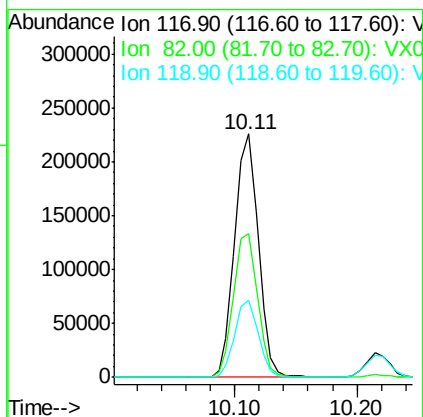
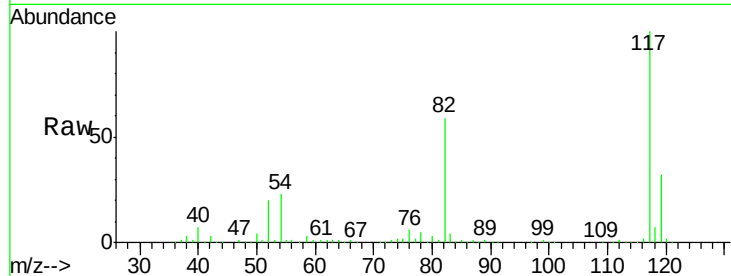
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	45.9	68.9
119	31.7	25.3	37.9

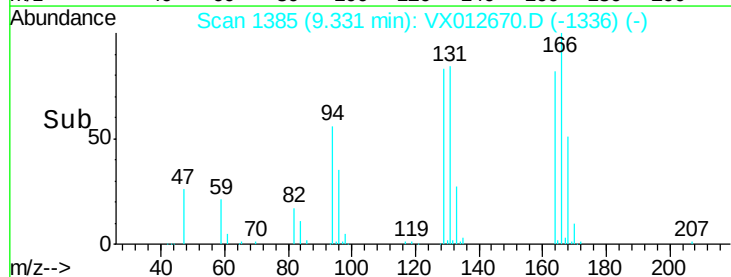
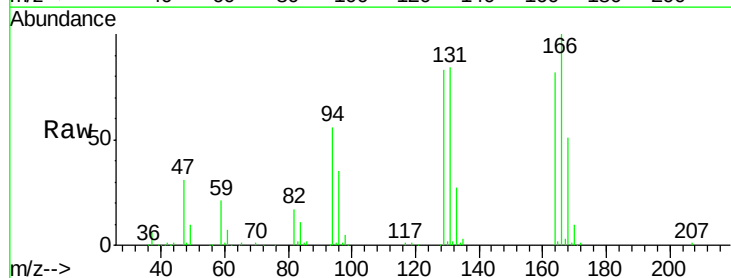
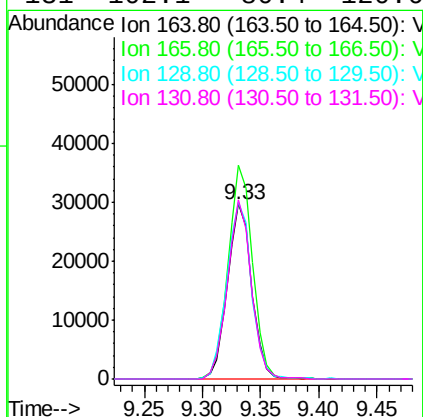
Manual Integrations
APPROVED

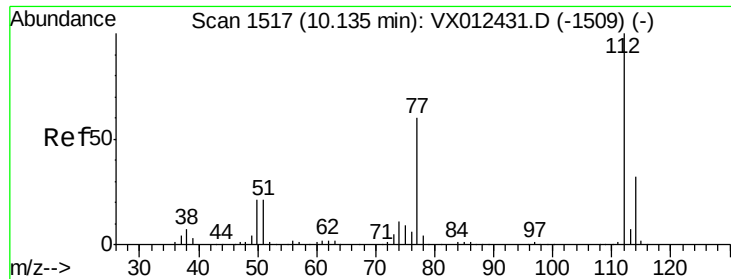
MMDadoda
9/27/2019 8:54:00 AM



#64
Tetrachloroethene
Concen: 20.275 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	107.8	161.6
129	100.8	86.2	129.2
131	102.1	80.4	120.6





#65

Chlorobenzene

Concen: 19.539 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion:112 Resp: 124730

Ion Ratio Lower Upper

112 100

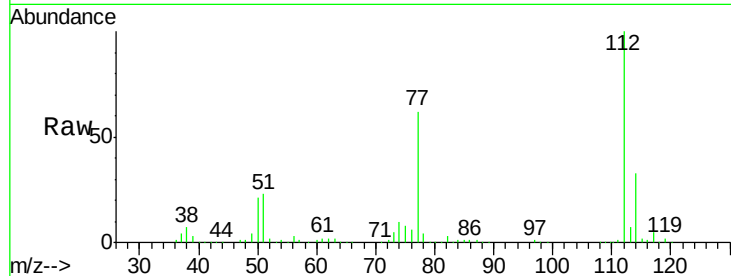
114 32.8 25.4 38.0

Manual Integrations

APPROVED

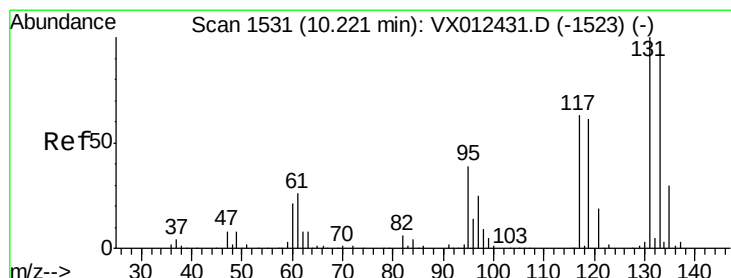
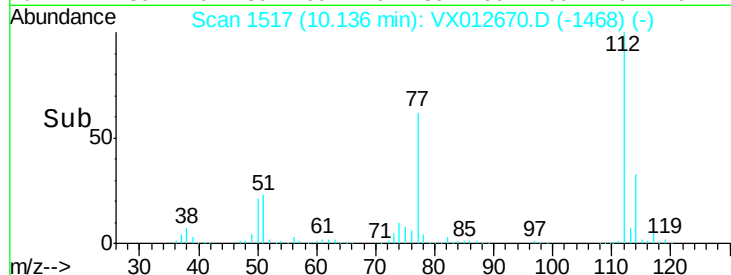
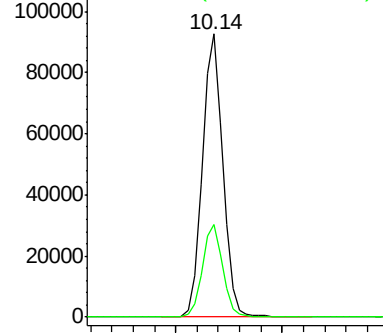
MMDadoda

9/27/2019 8:54:00 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: 19.265 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

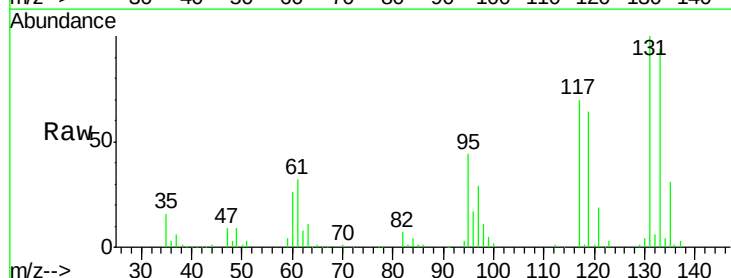
Tgt Ion:131 Resp: 44559

Ion Ratio Lower Upper

131 100

133 97.9 47.6 142.9

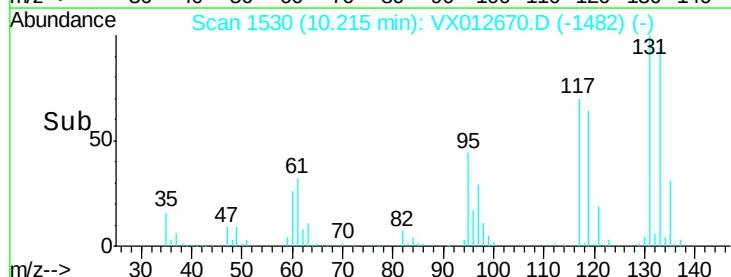
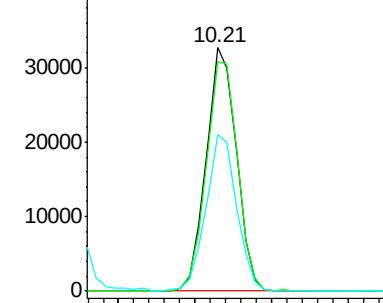
119 65.8 31.3 93.8

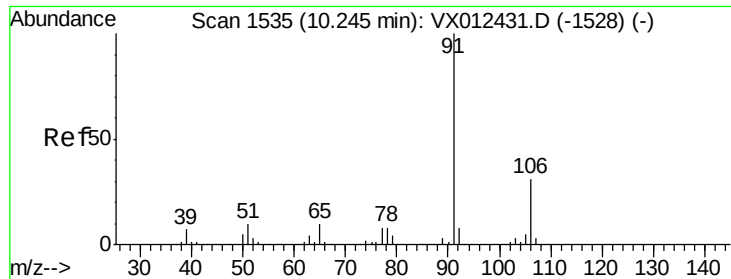


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.129 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 91 Resp: 233052

Ion Ratio Lower Upper

91 100

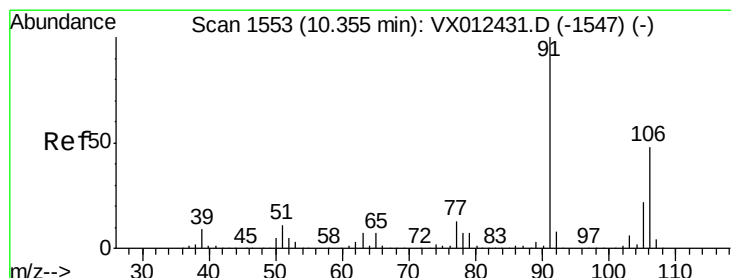
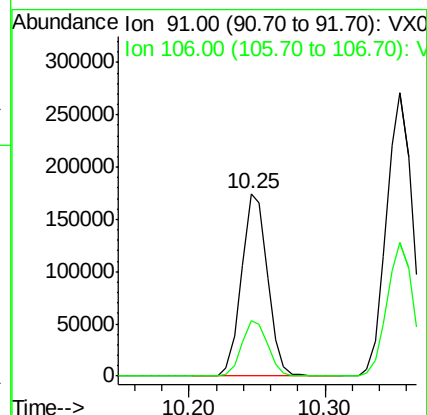
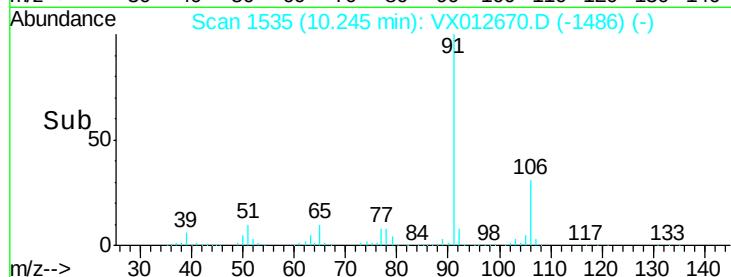
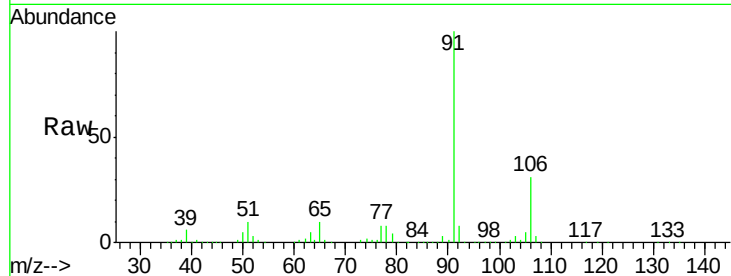
106 30.5 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

9/27/2019 8:54:00 AM



#68

m/p-Xylenes

Concen: 39.694 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012670.D

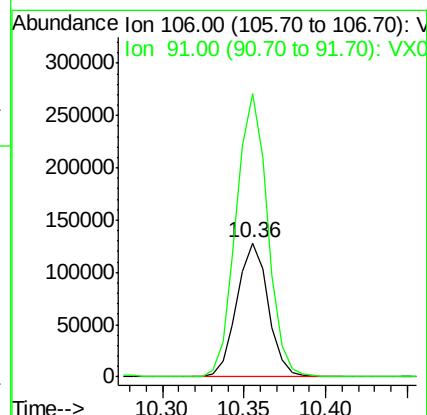
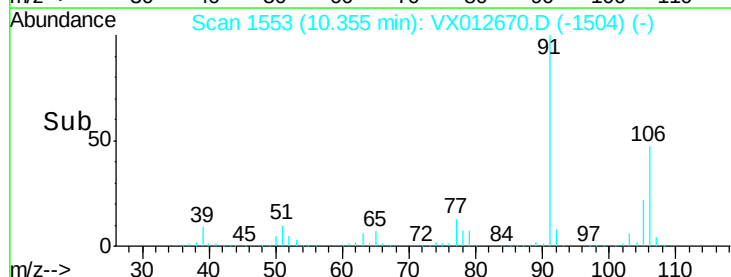
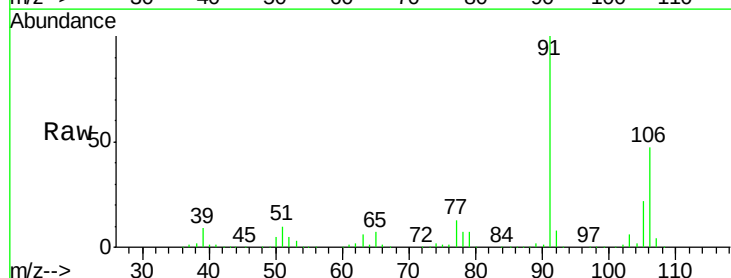
Acq: 26 Sep 2019 13:36

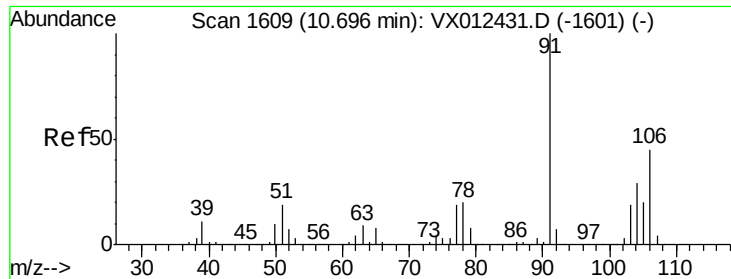
Tgt Ion: 106 Resp: 172161

Ion Ratio Lower Upper

106 100

91 211.8 166.6 250.0





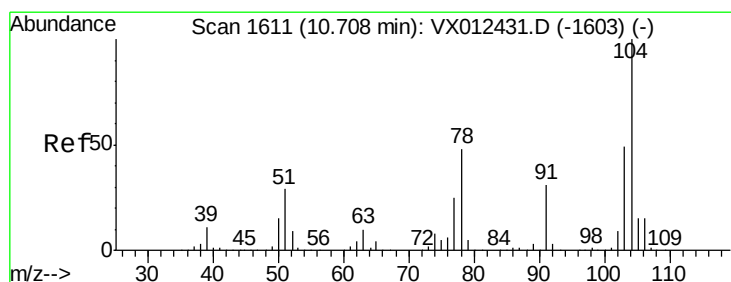
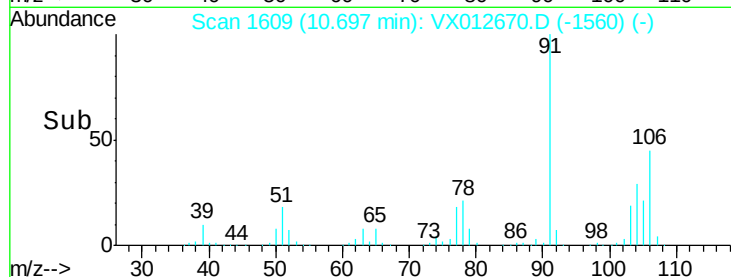
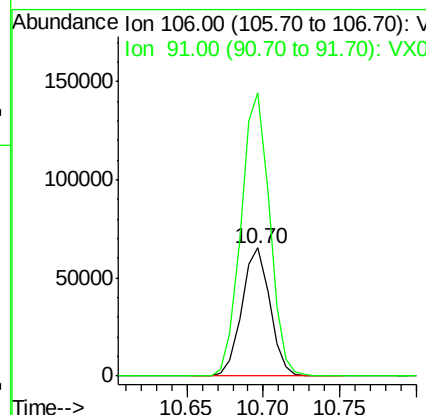
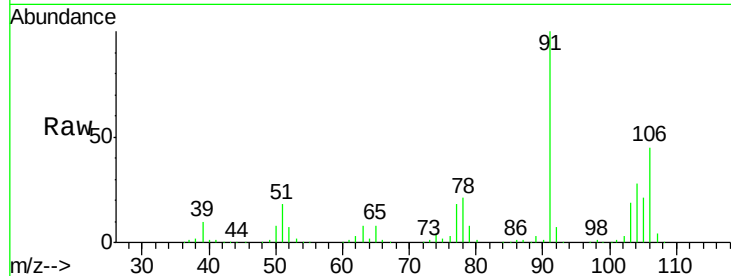
#69
o-Xylene
Concen: 19.823 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion:106 Resp: 83191
Ion Ratio Lower Upper
106 100
91 225.3 109.4 328.2

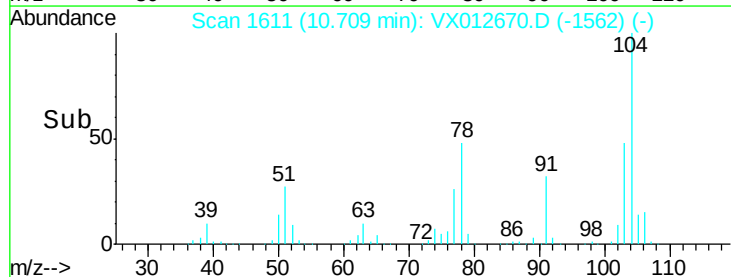
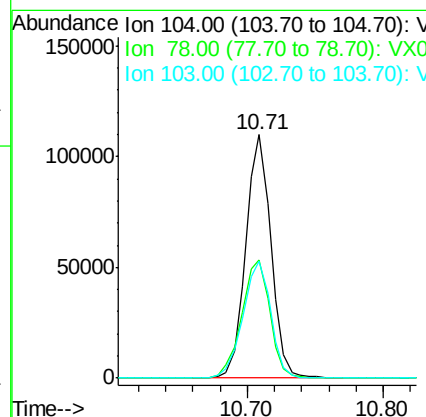
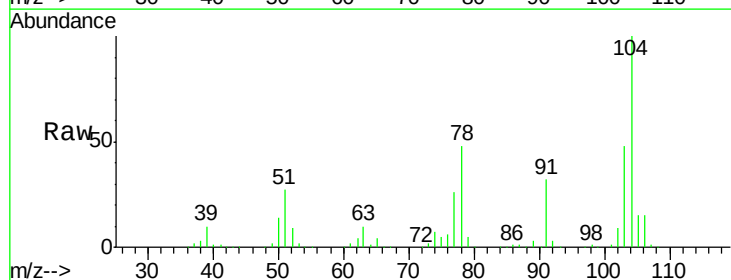
Manual Integrations
APPROVED

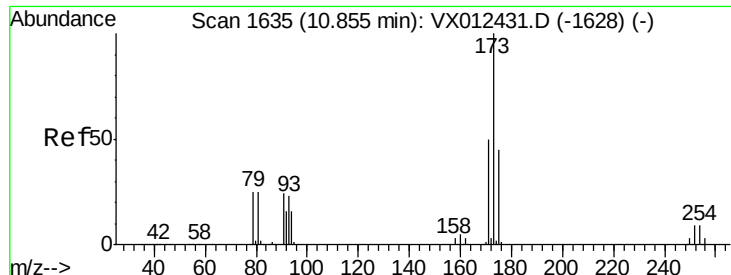
MMDadoda
9/27/2019 8:54:00 AM



#70
Styrene
Concen: 20.171 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion:104 Resp: 141911
Ion Ratio Lower Upper
104 100
78 54.8 43.4 65.2
103 53.4 43.3 64.9





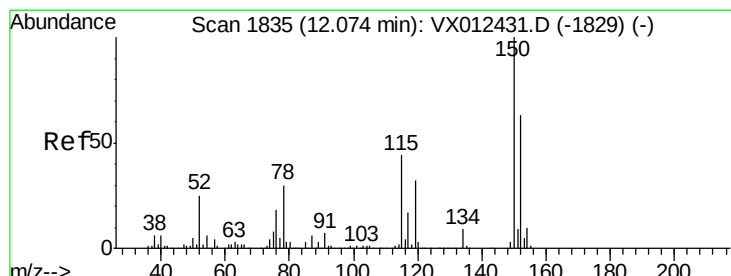
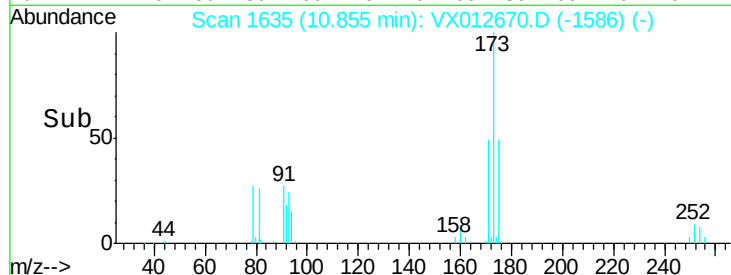
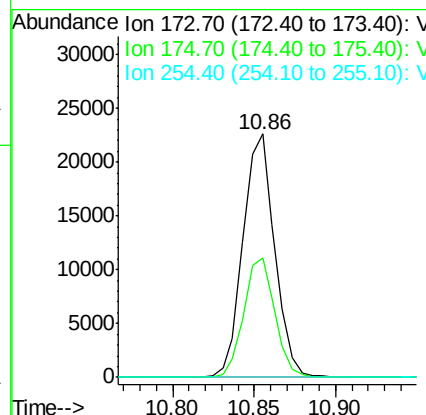
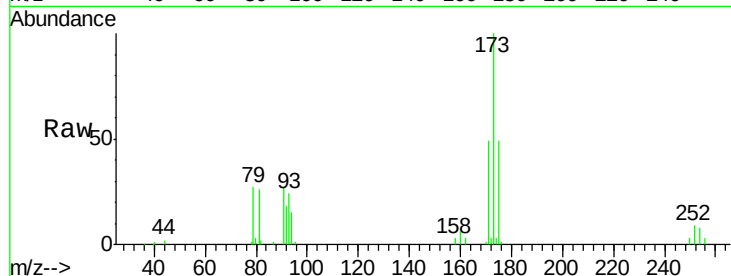
#71
Bromoform
Concen: 18.934 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.7	71.1
254	0.0	0.1	0.1#

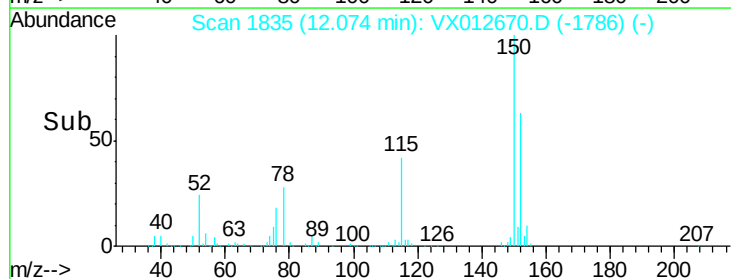
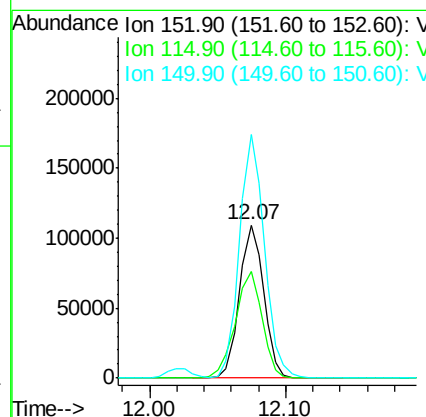
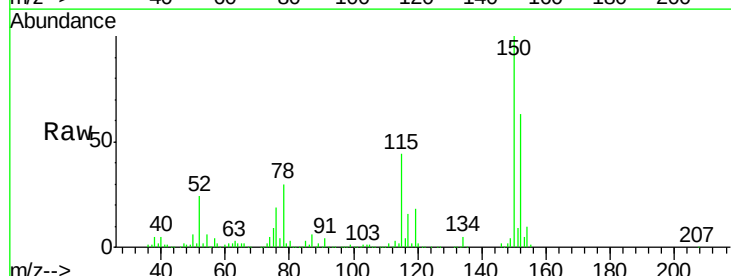
Manual Integrations
APPROVED

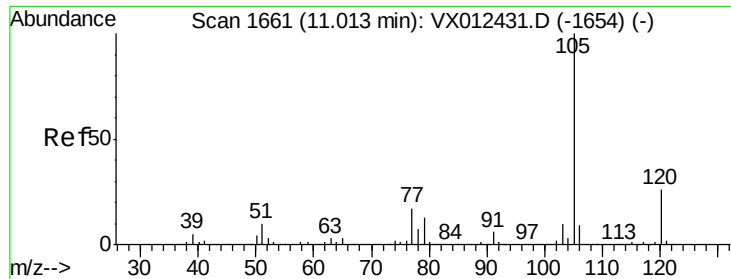
MMDadoda
9/27/2019 8:54:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.8	44.1	132.3
150	164.3	0.0	343.8





#73

Isopropylbenzene

Concen: 20.435 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion: 105 Resp: 226312

Ion Ratio Lower Upper

105 100

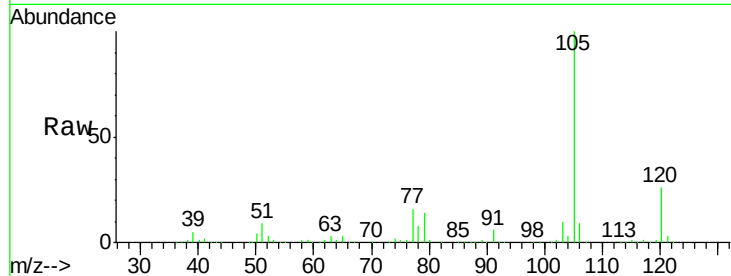
120 25.3 12.9 38.7

Manual Integrations

APPROVED

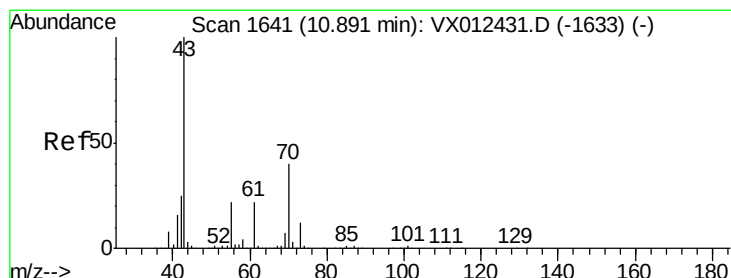
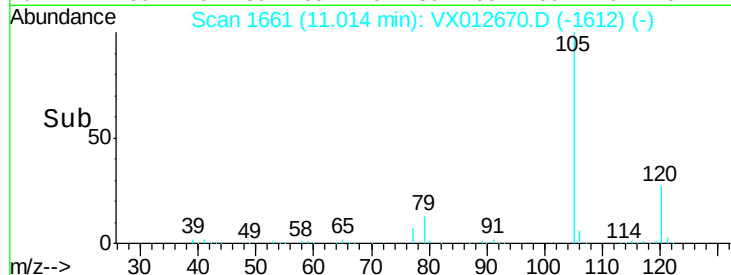
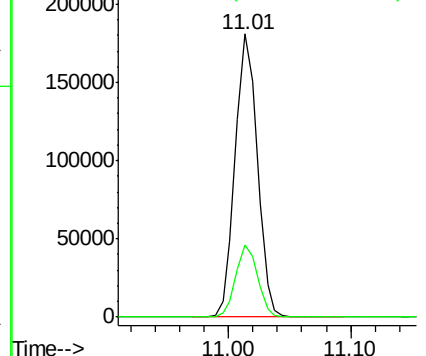
MMDadoda

9/27/2019 8:54:00 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.869 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion: 43 Resp: 104976

Ion Ratio Lower Upper

43 100

70 42.0 32.4 48.6

55 24.2 18.2 27.4

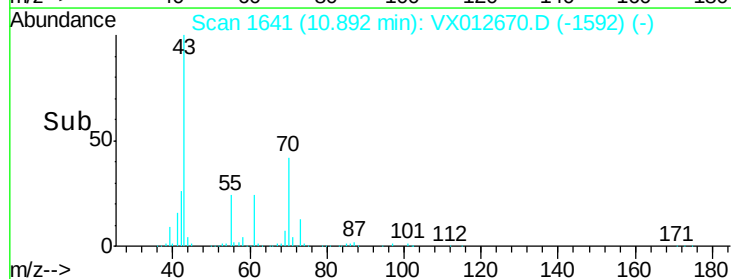
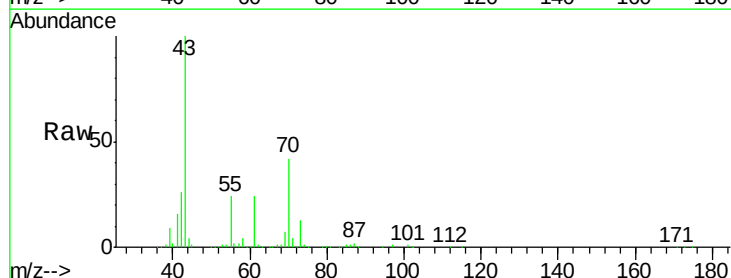
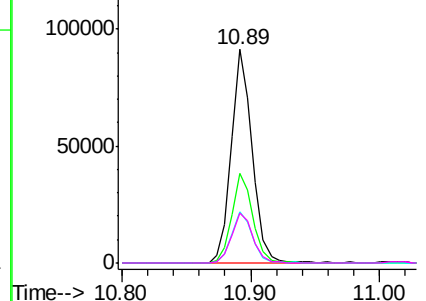
61 23.8 18.5 27.7

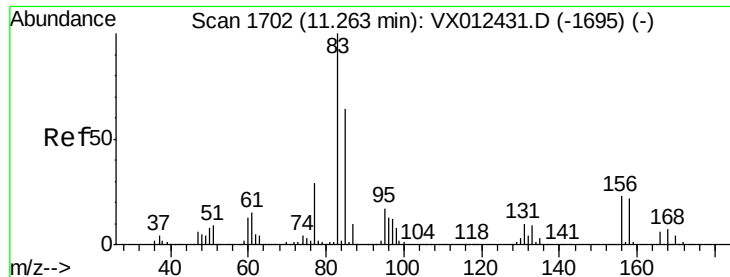
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.471 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

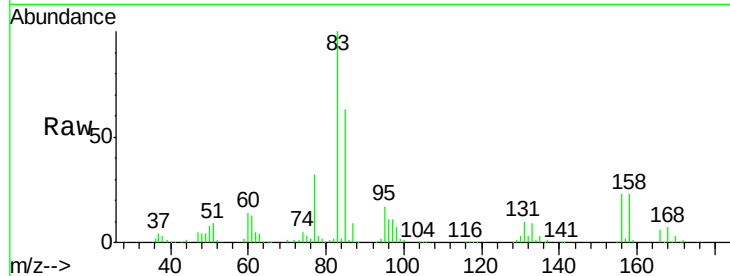
ClientSampleId :

VX0926WBSD01

Tot Ion:	83	Resp:	75080
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	64.3	32.0	96.0

Manual Integrations
APPROVED

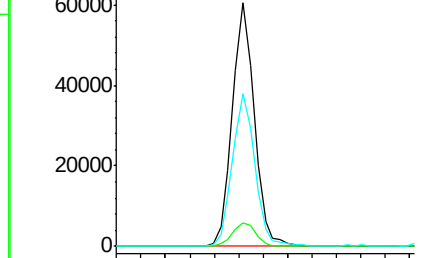
MMDadoda
9/27/2019 8:54:00 AM



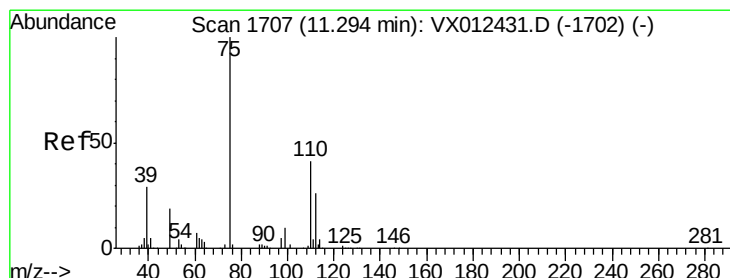
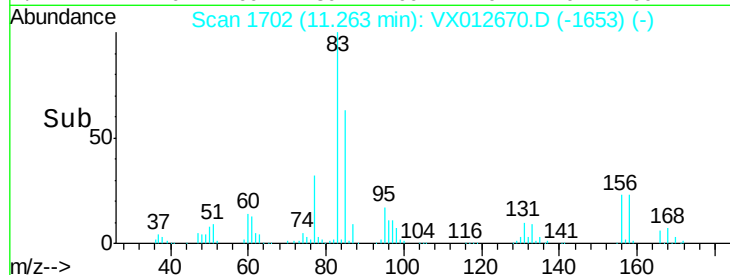
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 20.555 ug/l m

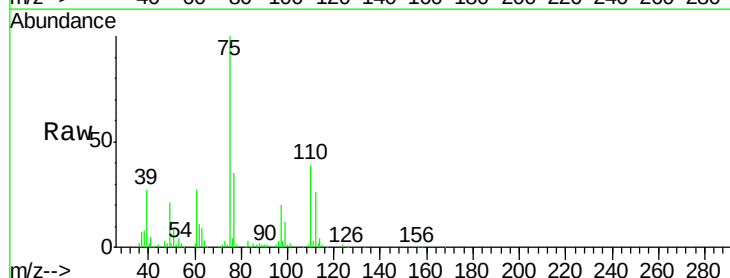
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012670.D

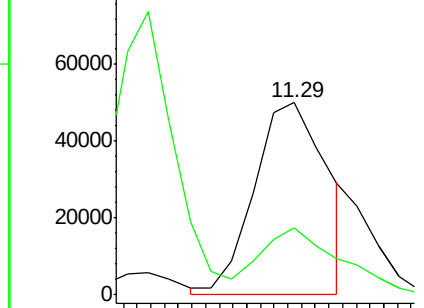
Acq: 26 Sep 2019 13:36

Tgt Ion:	75	Resp:	73931
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.7	59.0

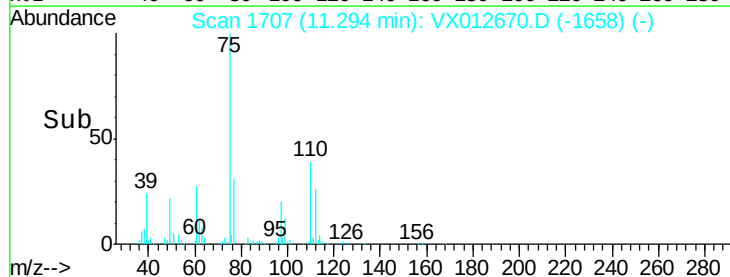


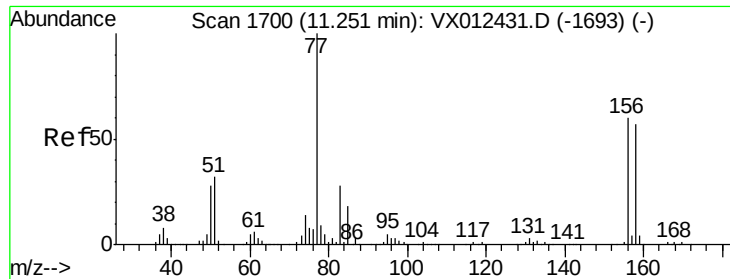
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#77

Bromobenzene

Concen: 19.866 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

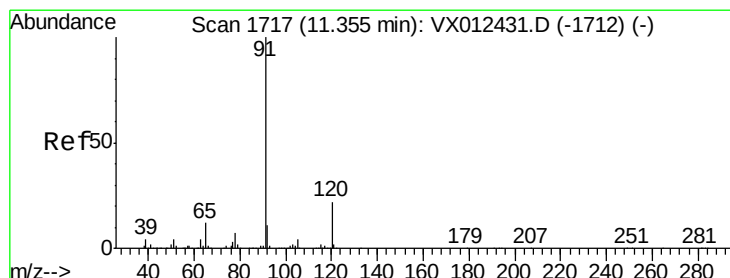
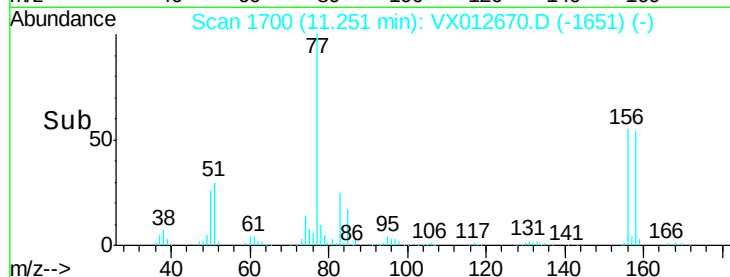
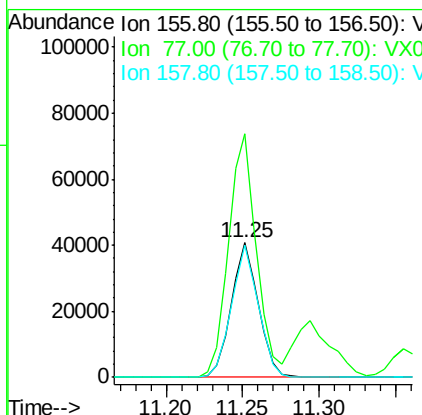
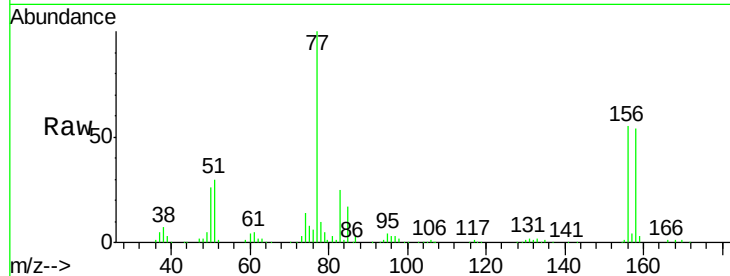
ClientSampleId :

VX0926WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		49794		
77	187.1	87.3	261.8		
158	98.0	48.5	145.6		

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#78

n-propylbenzene

Concen: 20.080 ug/l

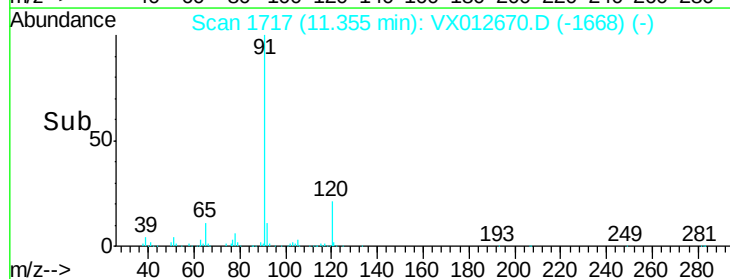
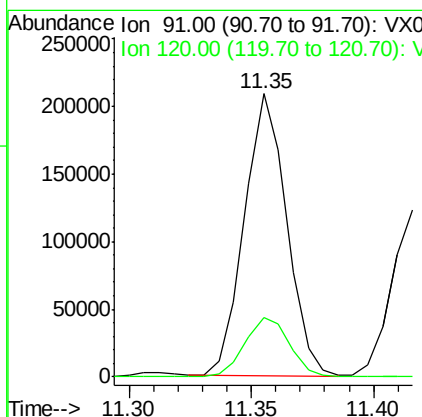
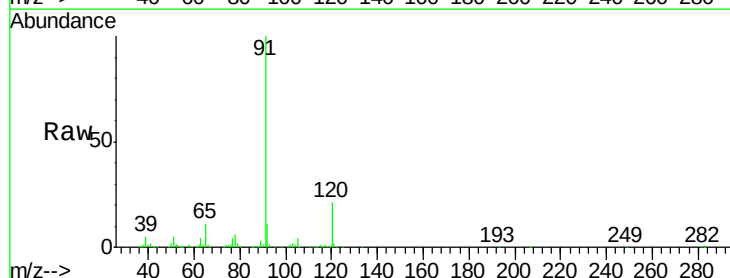
RT: 11.35 min Scan# 1717

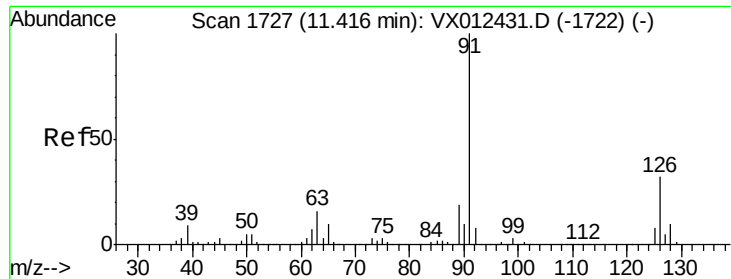
Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		250353		
120	22.3	11.3	33.8		





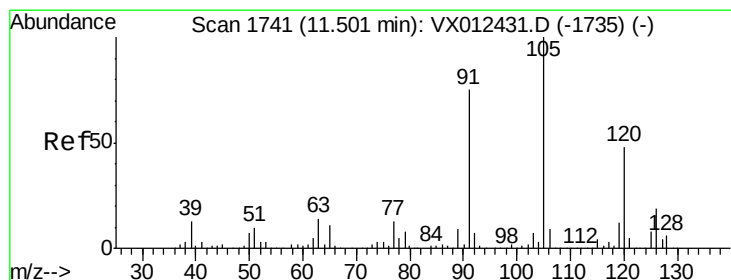
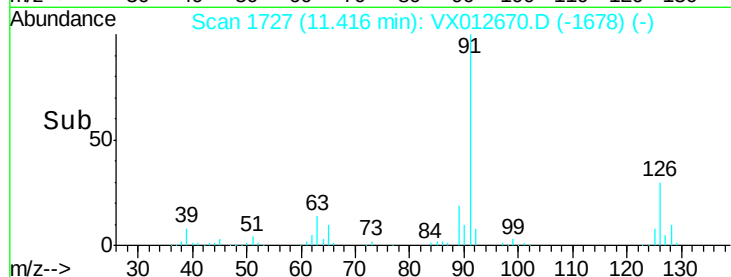
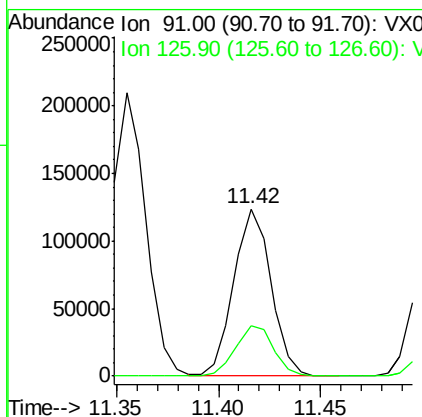
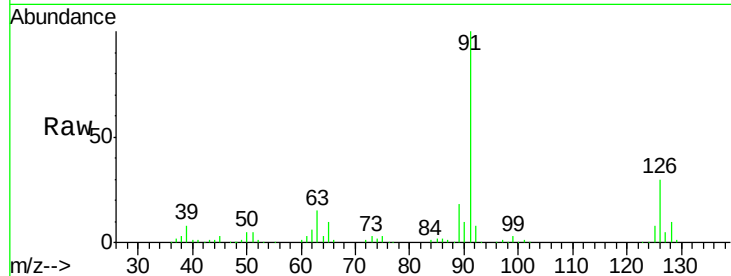
#79
 2-Chlorotoluene
 Concen: 20.068 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion: 91 Resp: 156086
 Ion Ratio Lower Upper
 91 100
 126 30.9 16.4 49.4

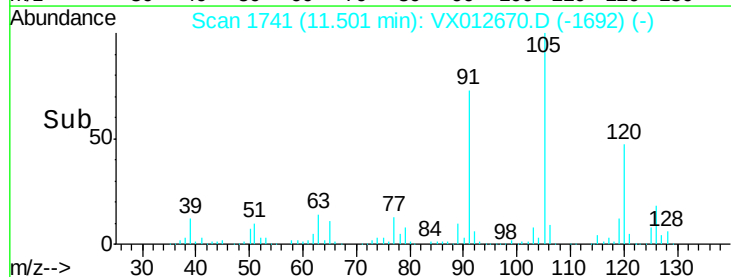
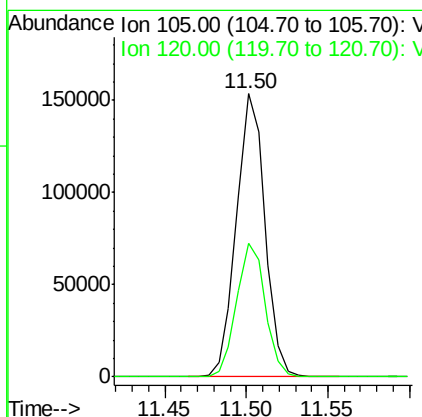
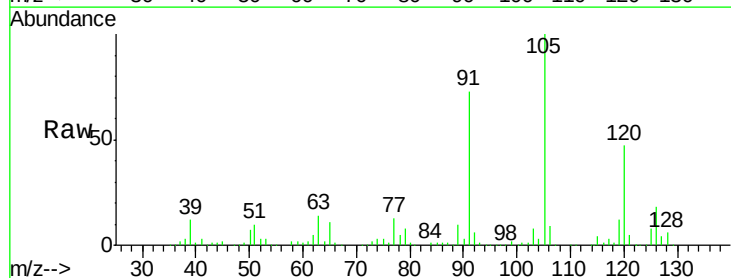
Manual Integrations
 APPROVED

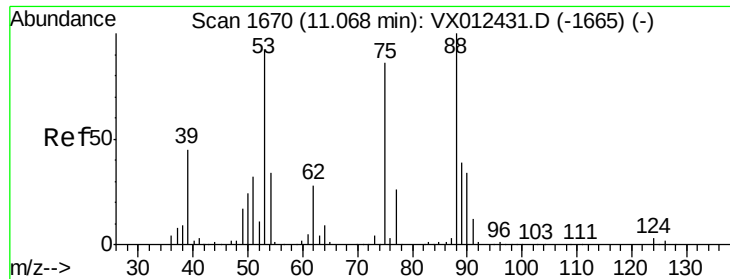
MMDadoda
 9/27/2019 8:54:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.213 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion: 105 Resp: 187712
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.3 72.8





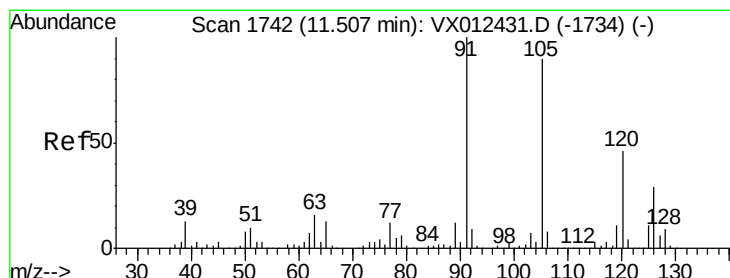
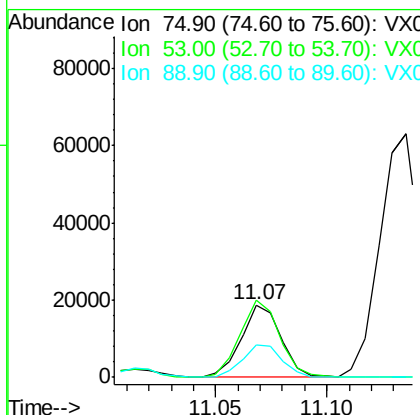
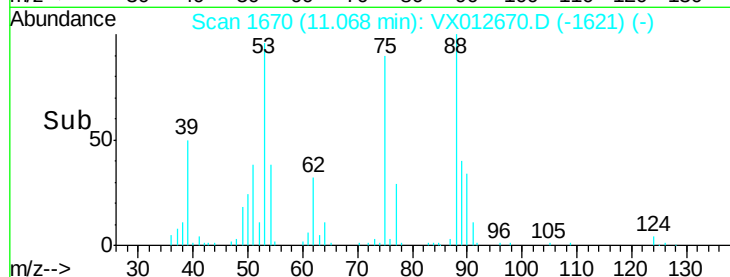
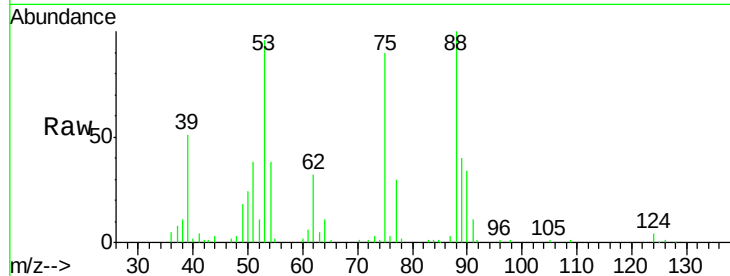
#81
trans-1,4-Dichloro-2-butene
Concen: 18.627 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	83.6	125.4
89	45.3	36.3	54.5

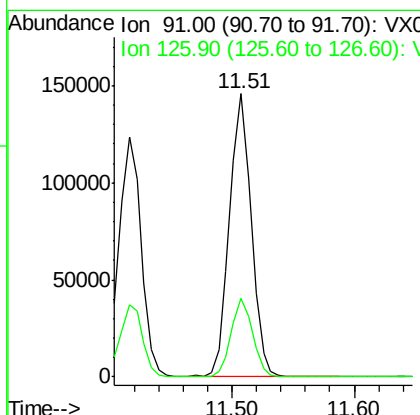
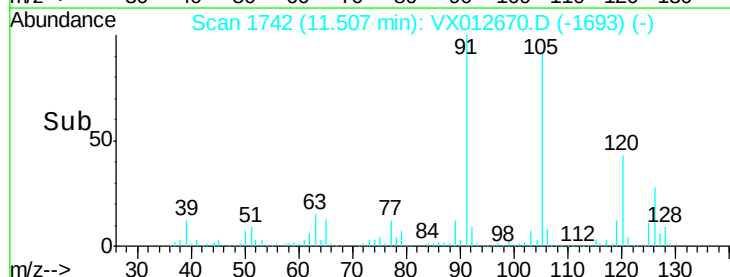
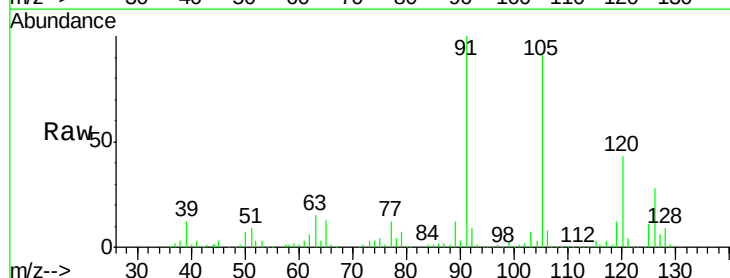
Manual Integrations
APPROVED

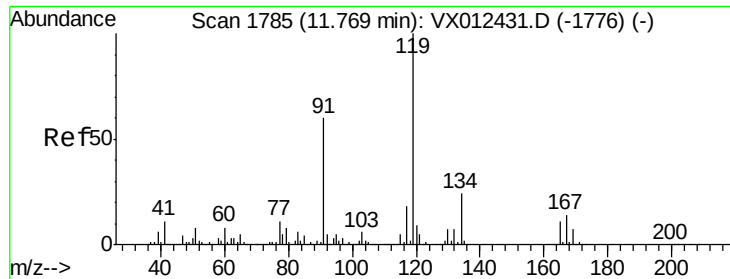
MMDadoda
9/27/2019 8:54:00 AM



#82
4-Chlorotoluene
Concen: 20.239 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.3	14.4	43.0





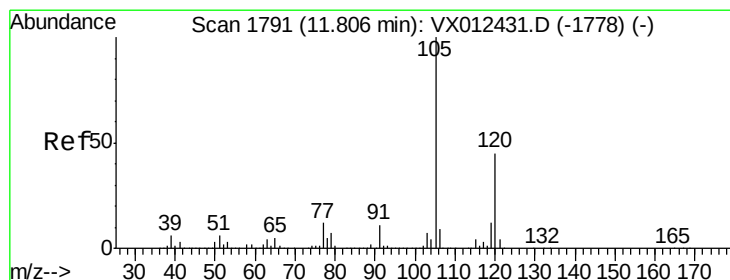
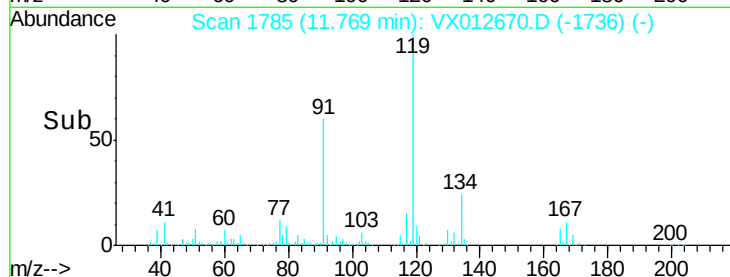
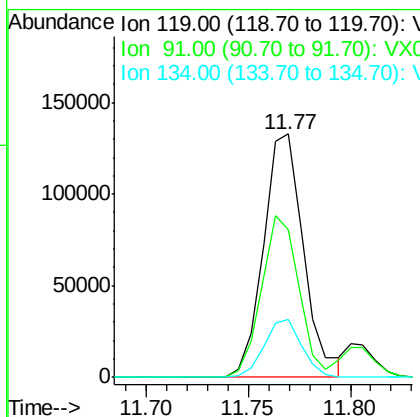
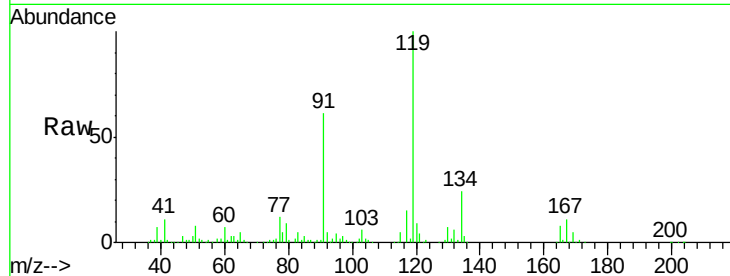
#83
 tert-Butylbenzene
 Concen: 20.283 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181708		
91	62.1	30.0	90.0	
134	22.6	11.3	33.9	

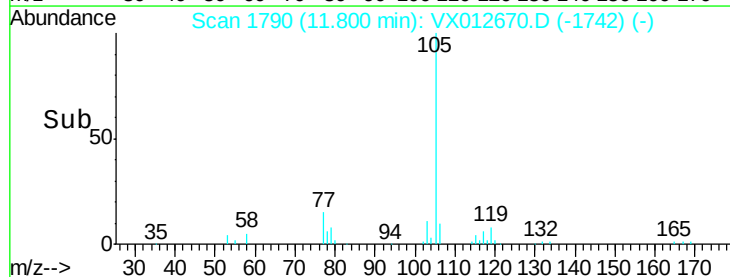
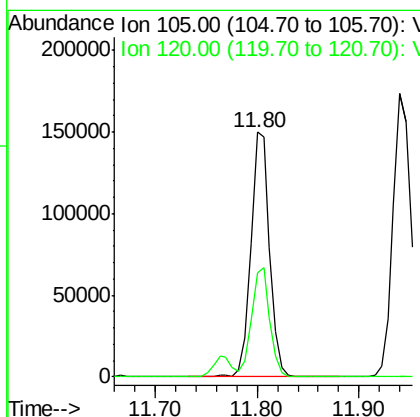
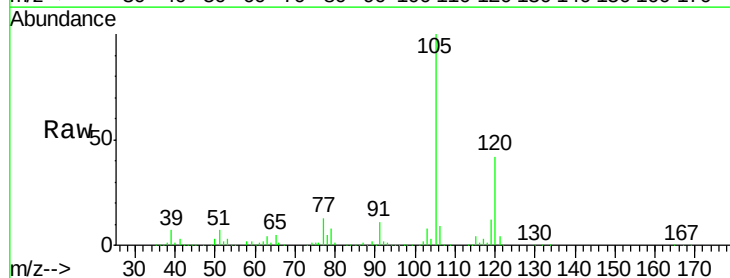
Manual Integrations
 APPROVED

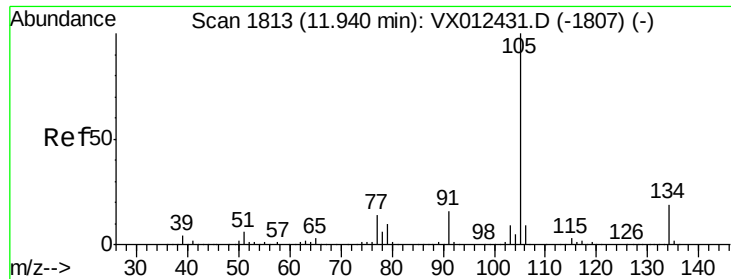
MMDadoda
 9/27/2019 8:54:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.482 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191884		
120	43.6	22.2	66.6	





#85

sec-Butylbenzene

Concen: 20.543 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBSD01

Tot Ion:105 Resp: 214047

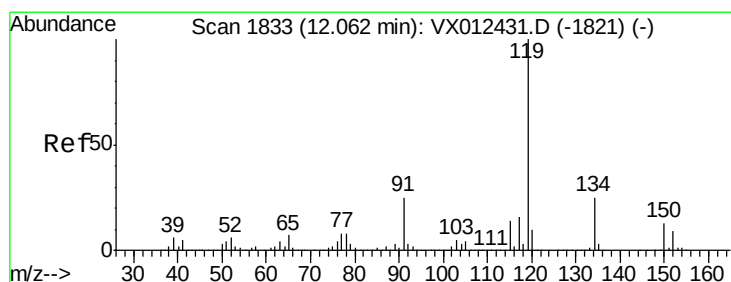
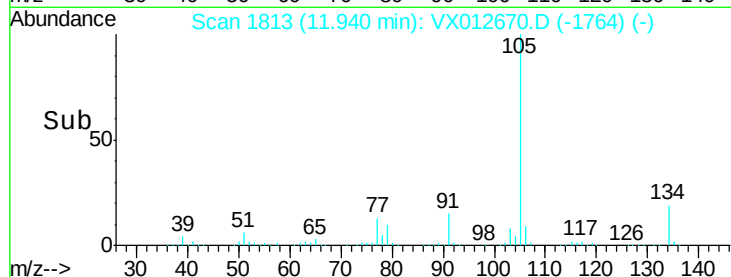
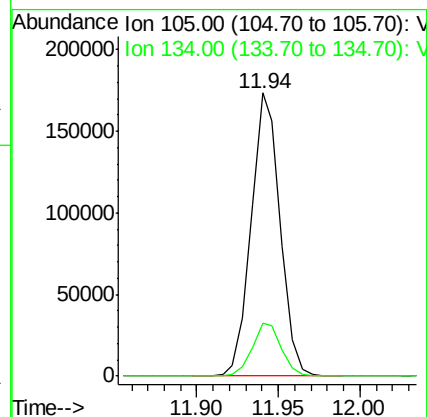
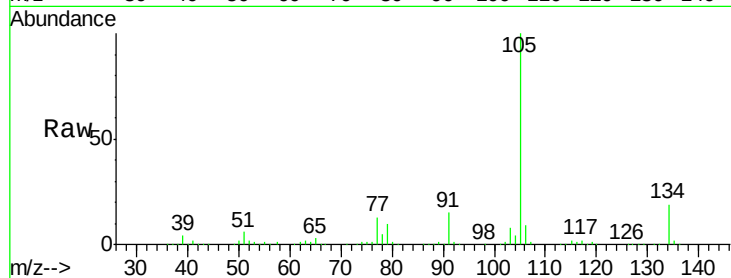
Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#86

p-Isopropyltoluene

Concen: 20.519 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

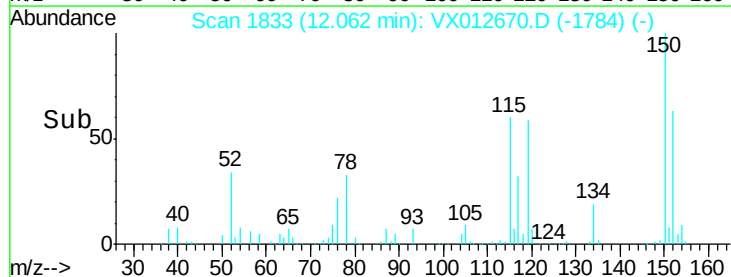
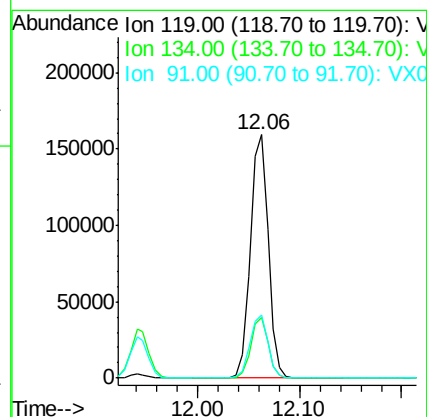
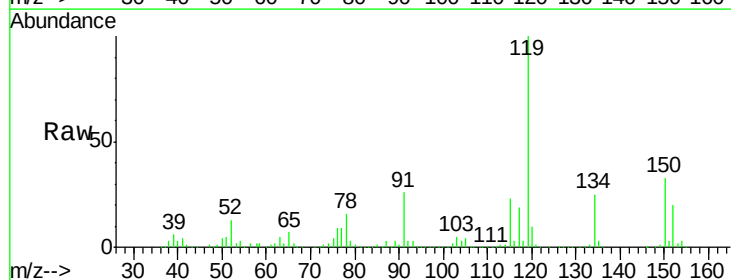
Tgt Ion:119 Resp: 192917

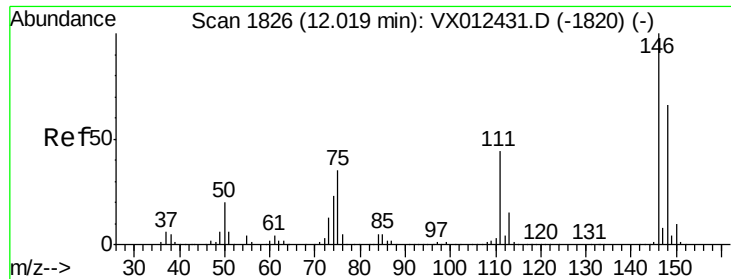
Ion Ratio Lower Upper

119 100

134 24.3 12.7 38.1

91 26.1 12.8 38.4





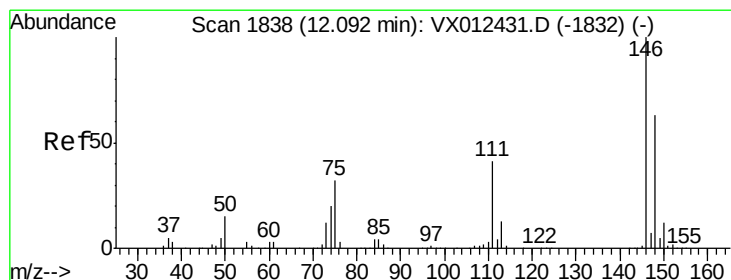
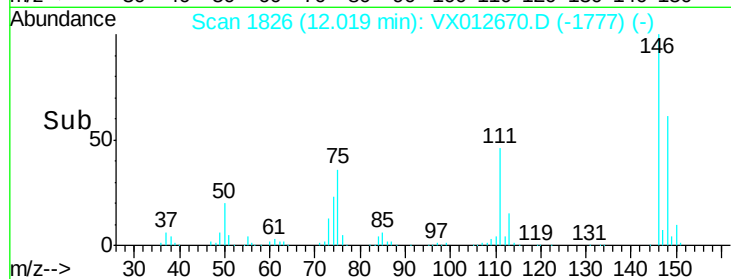
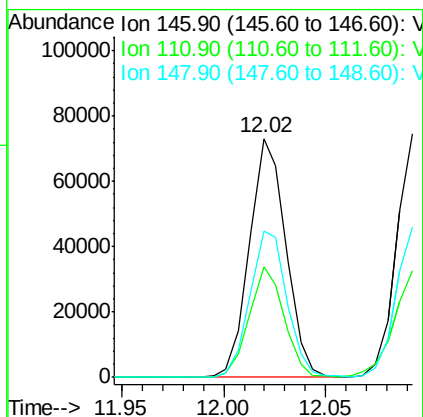
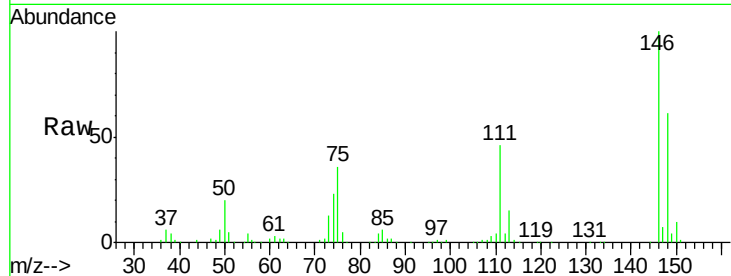
#87
 1,3-Dichlorobenzene
 Concen: 20.230 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.3	64.0
148	62.4	32.4	97.2

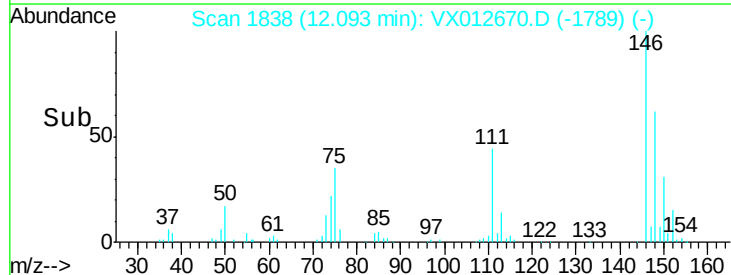
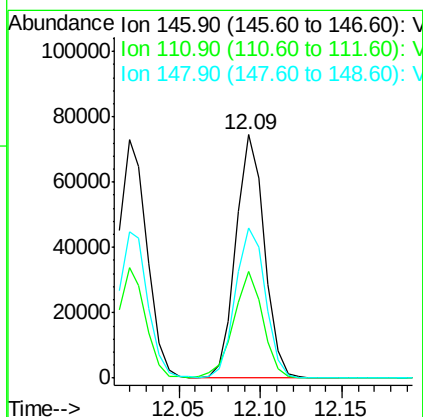
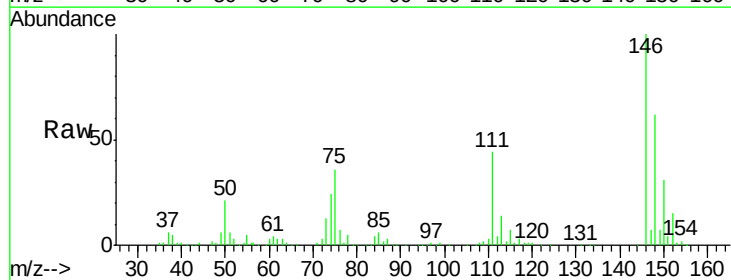
Manual Integrations
 APPROVED

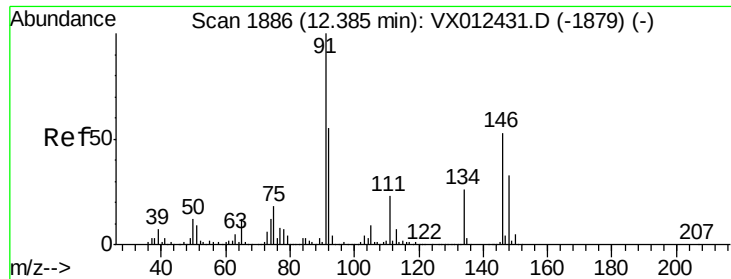
MMDadoda
 9/27/2019 8:54:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.933 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012670.D
 Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.1	63.3
148	65.2	32.1	96.5





#89

n-Butylbenzene

Concen: 19.879 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

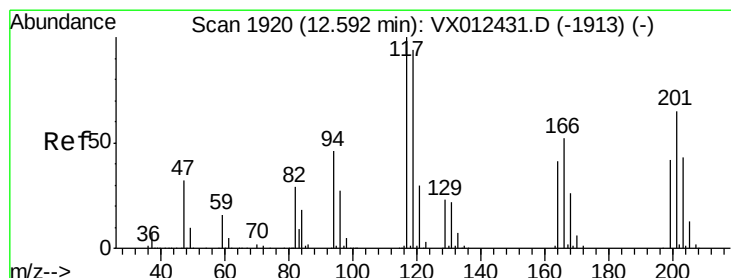
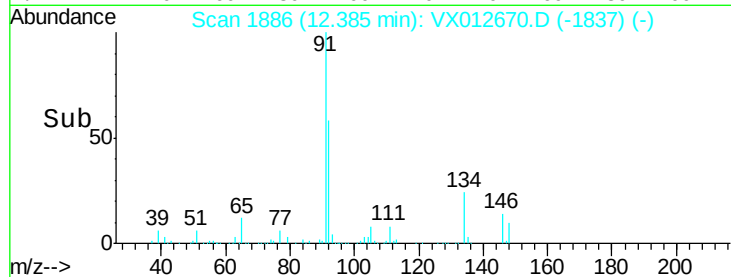
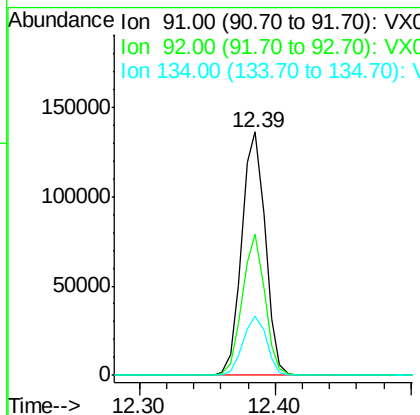
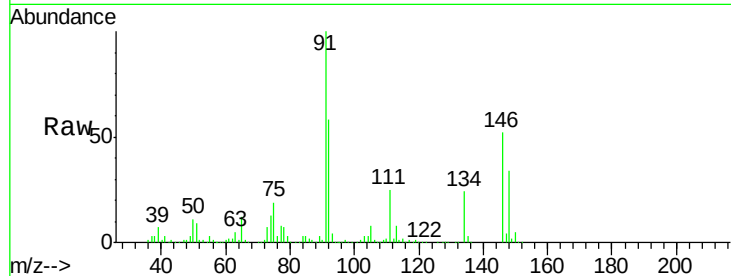
ClientSampleId :

VX0926WBSD01

Tot Ion:	91	Resp:	164693
Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.7	83.0
134	24.2	12.9	38.6

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#90

Hexachloroethane

Concen: 18.850 ug/l

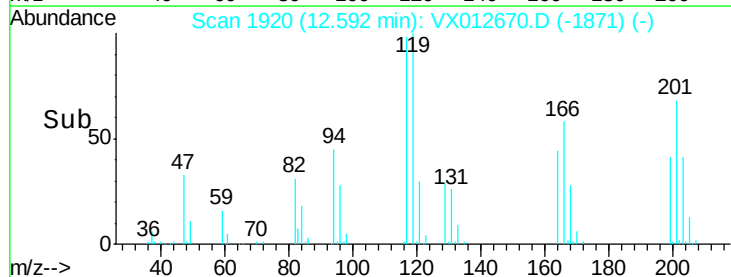
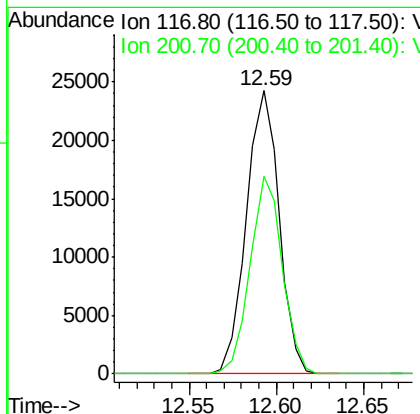
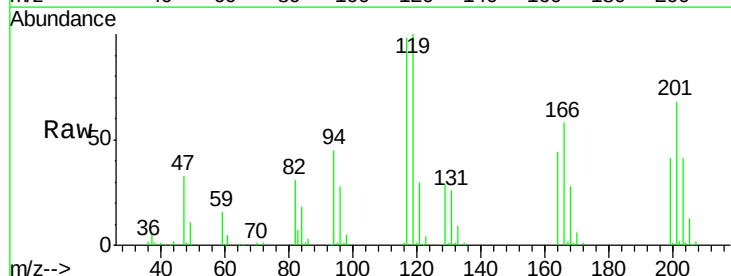
RT: 12.59 min Scan# 1920

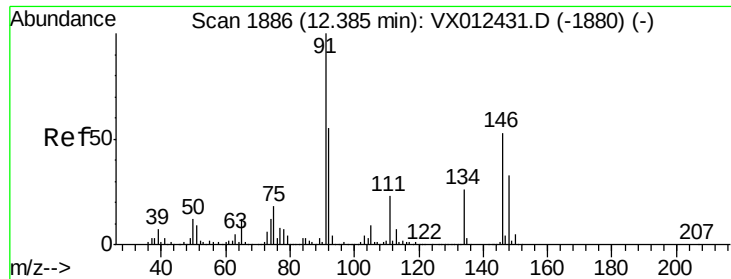
Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion:	117	Resp:	31596
Ion	Ratio	Lower	Upper
117	100		
201	68.5	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 20.115 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

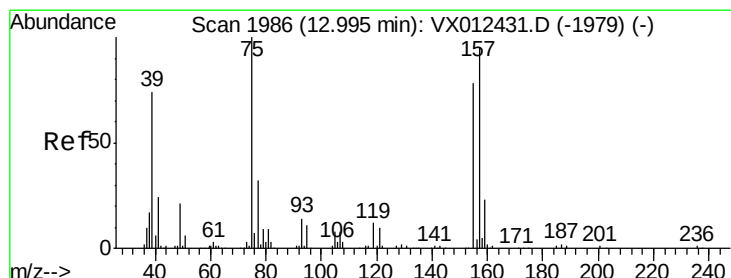
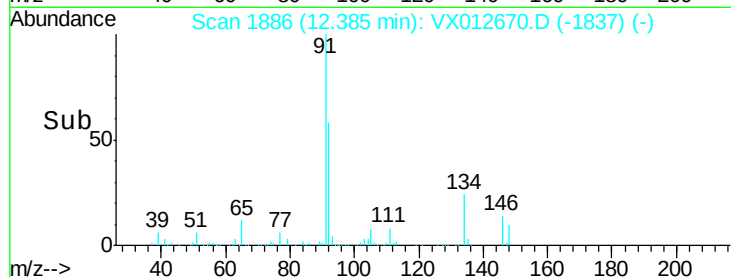
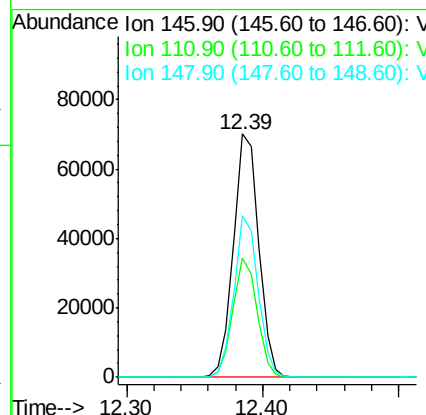
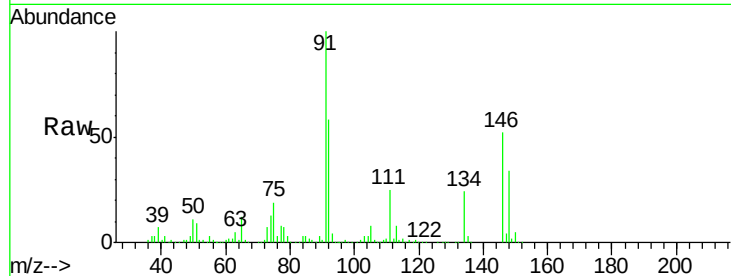
ClientSampleId :

VX0926WBSD01

Tot Ion:	146	Resp:	90837
Ion Ratio	Lower	Upper	
146	100		
111	47.1	22.1	66.1
148	63.5	31.3	93.9

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.687 ug/l

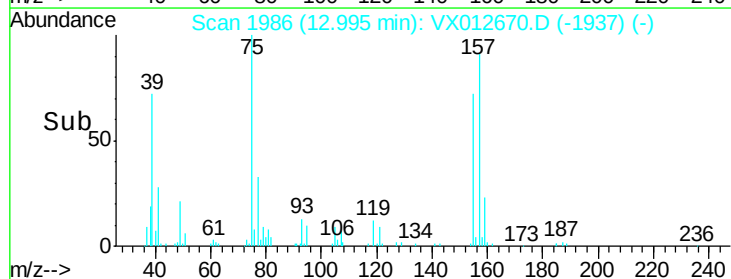
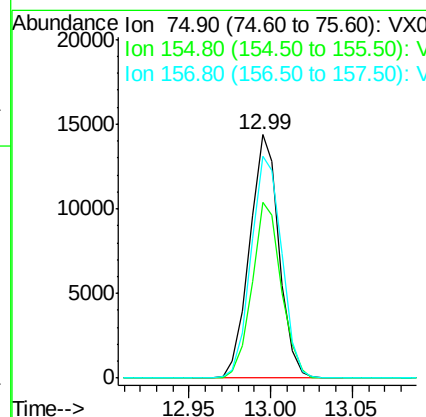
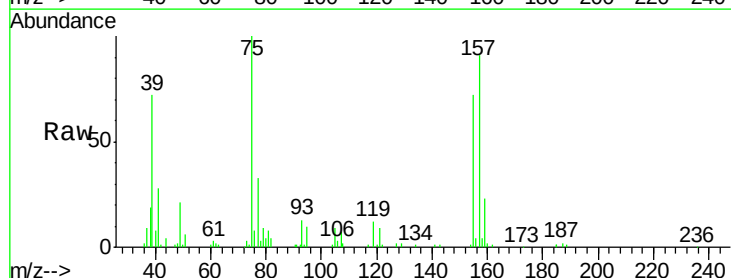
RT: 12.99 min Scan# 1986

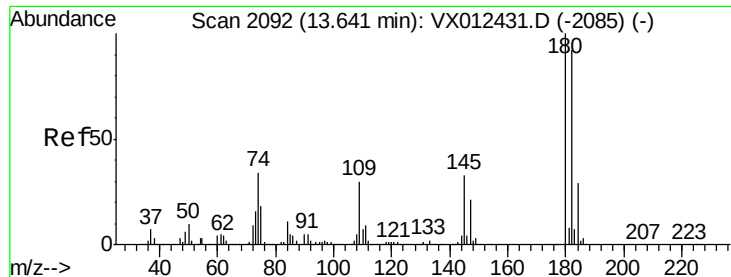
Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion:	75	Resp:	18062
Ion Ratio	Lower	Upper	
75	100		
155	72.0	38.6	115.8
157	94.9	50.6	151.9





#93

1,2,4-Trichlorobenzene

Concen: 19.898 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Instrument :

MSVOA_X

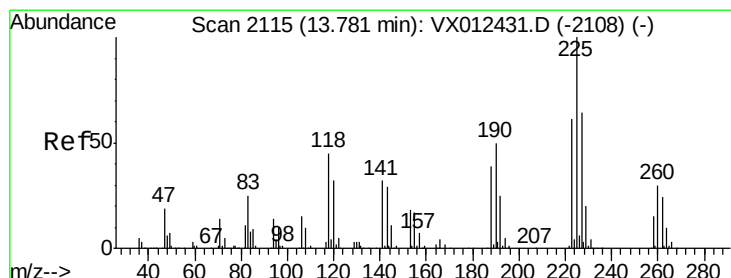
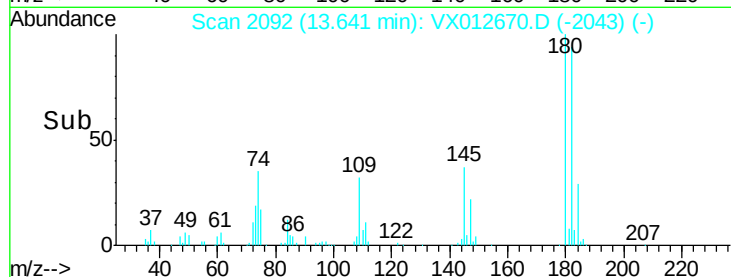
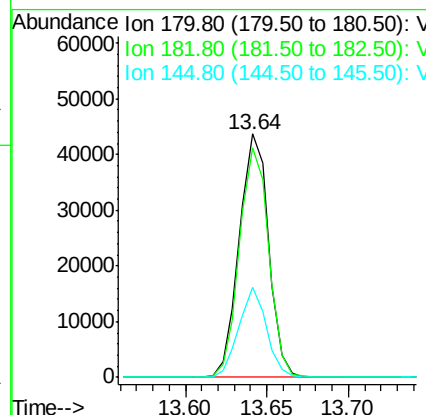
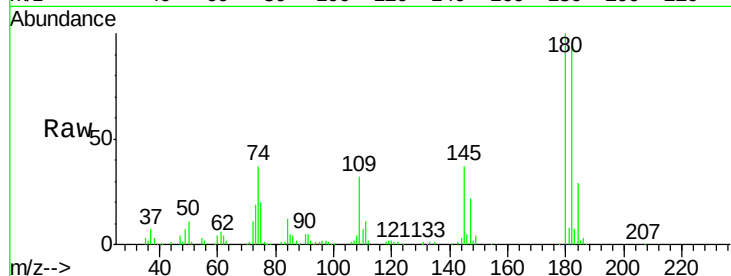
ClientSampleId :

VX0926WBSD01

Tot Ion:	180	Resp:	54798
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.0	141.0
145	34.7	16.8	50.4

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#94

Hexachlorobutadiene

Concen: 20.795 ug/l

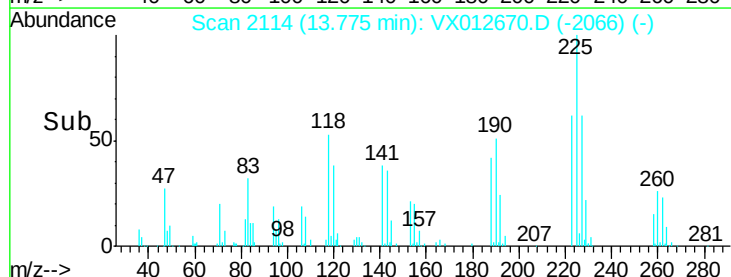
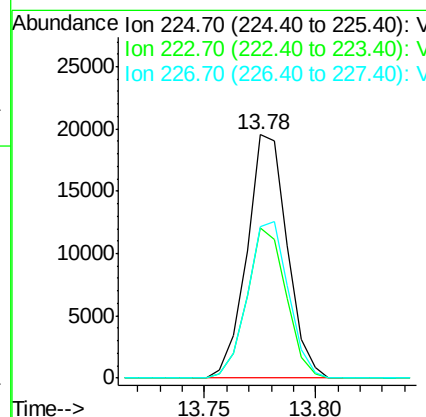
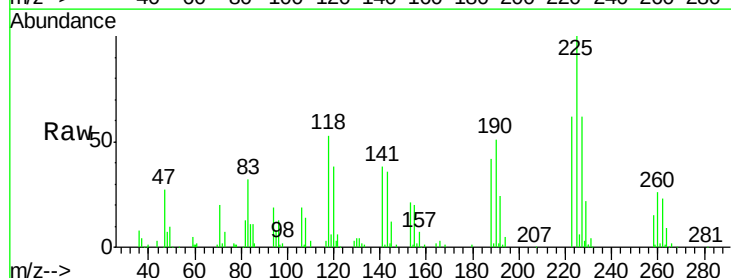
RT: 13.78 min Scan# 2114

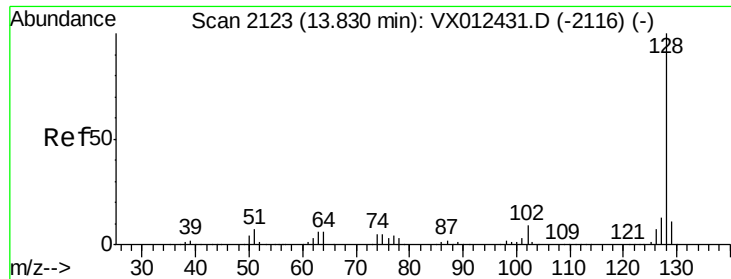
Delta R.T. -0.01 min

Lab File: VX012670.D

Acq: 26 Sep 2019 13:36

Tgt Ion:	225	Resp:	24637
Ion Ratio	Lower	Upper	
225	100		
223	60.3	32.0	96.2
227	65.2	31.9	95.5





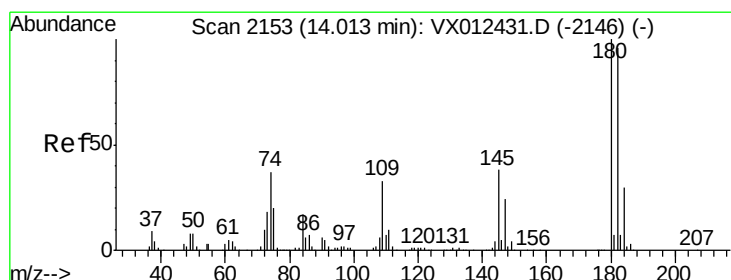
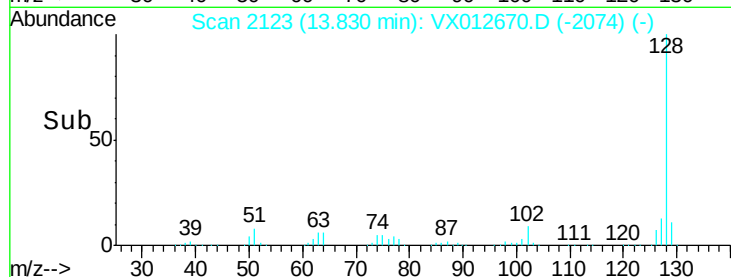
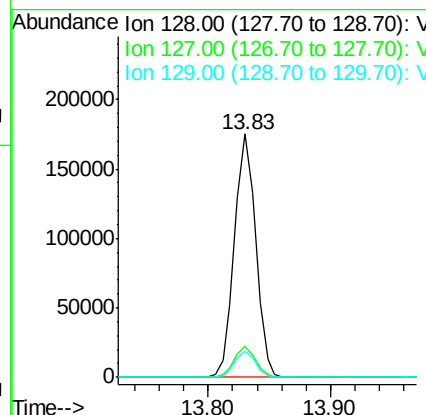
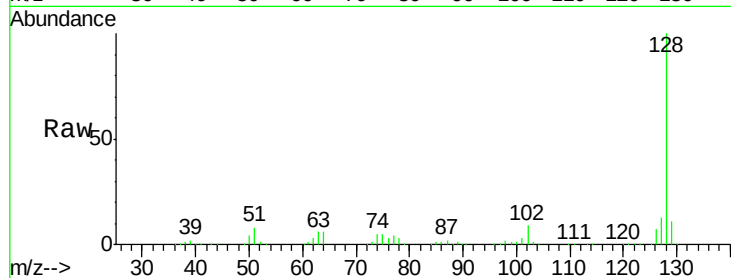
#95
Naphthalene
Concen: 21.131 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:54:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.990 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012670.D
Acq: 26 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	34.8	18.0	54.0

