

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002299.D
 Acq On : 05 Jun 2018 12:25
 Operator : JC/MD
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:42 PM

Quant Time: Jun 06 04:58:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187702	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.51	113	140318	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
50) Toluene-d8	8.72	98	548446	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
62) 4-Bromofluorobenzene	11.14	95	207667	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60812	21.060	ug/l	99
3) Chloromethane	1.33	50	70973	19.712	ug/l	99
4) Vinyl Chloride	1.41	62	74356	20.432	ug/l	100
5) Bromomethane	1.65	94	48476	21.645	ug/l	99
6) Chloroethane	1.73	64	46228	19.637	ug/l	99
7) Trichlorofluoromethane	1.94	101	119524	21.556	ug/l	98
8) Diethyl Ether	2.20	74	44229	21.060	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69518	23.233	ug/l	100
10) Methyl Iodide	2.52	142	74668	17.741	ug/l	99
11) Tert butyl alcohol	3.07	59	89777	98.267	ug/l	100
12) 1,1-Dichloroethene	2.39	96	59990	20.287	ug/l	95
13) Acrolein	2.30	56	43724	105.209	ug/l	99
14) Allyl chloride	2.73	41	121807	18.981	ug/l	99
15) Acrylonitrile	3.15	53	186782	104.861	ug/l	99
16) Acetone	2.45	43	193275	101.768	ug/l	99
17) Carbon Disulfide	2.58	76	142205	18.246	ug/l	98
18) Methyl Acetate	2.78	43	88779	20.729	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	228563	20.799	ug/l	99
20) Methylene Chloride	2.87	84	69174	20.388	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	63895	19.594	ug/l	98
22) Diisopropyl ether	3.88	45	239381	21.480	ug/l	97
23) Vinyl Acetate	3.83	43	1049420	100.873	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125647	19.810	ug/l	98
25) 2-Butanone	4.71	43	249886	91.749	ug/l	99
26) 2,2-Dichloropropane	4.60	77	87301	17.608	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66252	18.681	ug/l	95
28) Bromochloromethane	5.03	49	56121	18.566	ug/l	99
29) Tetrahydrofuran	5.17	42	159847	91.029	ug/l	99
30) Chloroform	5.22	83	114593	18.723	ug/l	97
31) Cyclohexane	5.59	56	102602	20.457	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	98057	18.891	ug/l	98
36) 1,1-Dichloropropene	5.81	75	83530	20.259	ug/l	99
37) Ethyl Acetate	4.87	43	96712	19.504	ug/l	99
38) Carbon Tetrachloride	5.79	117	85432	19.806	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002299.D
 Acq On : 05 Jun 2018 12:25
 Operator : JC/MD
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0605WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:42 PM

Quant Time: Jun 06 04:58:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	106434	21.047	ug/l	99
40) Benzene	6.15	78	254125	20.101	ug/l	100
41) Methacrylonitrile	5.07	41	55217	19.452	ug/l	99
42) 1,2-Dichloroethane	6.21	62	102009	20.309	ug/l	99
43) Isopropyl Acetate	6.47	43	161464	19.171	ug/l	99
44) Trichloroethene	7.22	130	72085	20.544	ug/l	97
45) 1,2-Dichloropropane	7.52	63	65818	19.284	ug/l	99
46) Dibromomethane	7.66	93	44464	19.218	ug/l	98
47) Bromodichloromethane	7.90	83	78663	18.798	ug/l	98
48) Methyl methacrylate	7.78	41	82540	19.510	ug/l	100
49) 1,4-Dioxane	7.76	88	32577	411.836	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	513332	97.872	ug/l	100
52) Toluene	8.79	92	165234	20.550	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	96635	19.257	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	89119	18.824	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	67900	20.532	ug/l	98
56) Ethyl methacrylate	9.18	69	101903	19.300	ug/l	99
57) 1,3-Dichloropropane	9.38	76	110793	19.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	242052	99.050	ug/l	100
59) 2-Hexanone	9.50	43	396578	97.891	ug/l	99
60) Dibromochloromethane	9.59	129	63402	19.060	ug/l	99
61) 1,2-Dibromoethane	9.68	107	69357	20.114	ug/l	99
64) Tetrachloroethene	9.34	164	82327	21.159	ug/l	98
65) Chlorobenzene	10.14	112	187234	19.945	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	65308	19.213	ug/l	100
67) Ethyl Benzene	10.26	91	322817	20.548	ug/l	100
68) m/p-Xylenes	10.37	106	248299	40.658	ug/l	98
69) o-Xylene	10.70	106	121963	20.068	ug/l	99
70) Styrene	10.72	104	199203	20.050	ug/l	99
71) Bromoform	10.86	173	46378	17.639	ug/l #	99
73) Isopropylbenzene	11.02	105	329769	20.087	ug/l	99
74) N-amyl acetate	6.47	43	161464	18.253	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	96276	18.646	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84277m	16.275	ug/l	
77) Bromobenzene	11.26	156	90069	19.542	ug/l	98
78) n-propylbenzene	11.37	91	378769	20.758	ug/l	100
79) 2-Chlorotoluene	11.43	91	222695	19.328	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	283291	20.118	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23946	16.210	ug/l	89
82) 4-Chlorotoluene	11.51	91	263450	19.810	ug/l	100
83) tert-Butylbenzene	11.77	119	273115	19.918	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	289975	20.005	ug/l	99
85) sec-Butylbenzene	11.95	105	343625	21.376	ug/l	100
86) p-Isopropyltoluene	12.07	119	311322	21.262	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	163777	19.874	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	166067	19.551	ug/l	99
89) n-Butylbenzene	12.39	91	264108	21.507	ug/l	100
90) Hexachloroethane	12.60	117	42064	17.997	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	167149	19.604	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19803	17.538	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002299.D
Acq On : 05 Jun 2018 12:25
Operator : JC/MD
Sample : VX0605WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

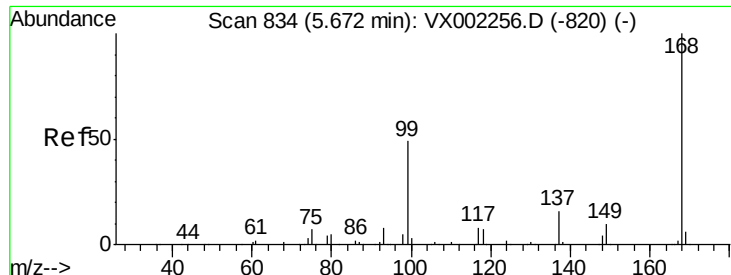
Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM

Quant Time: Jun 06 04:58:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120874	20.218	ug/l	99
94) Hexachlorobutadiene	13.79	225	64411	21.802	ug/l	99
95) Naphthalene	13.84	128	339116	19.742	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	123993	20.336	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion:168 Resp: 277777

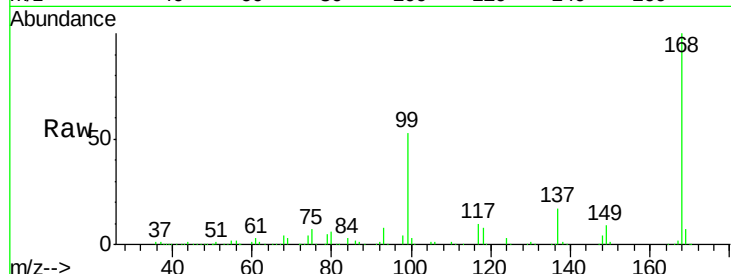
Ion Ratio Lower Upper

168 100

99 52.4 39.3 58.9

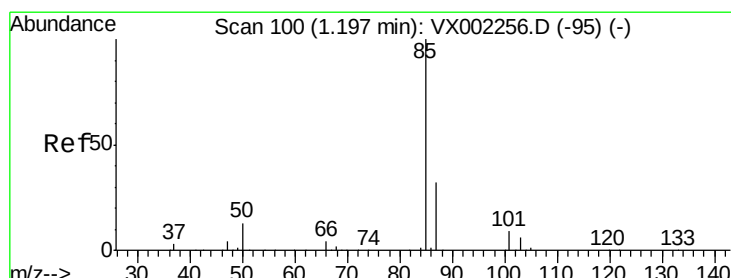
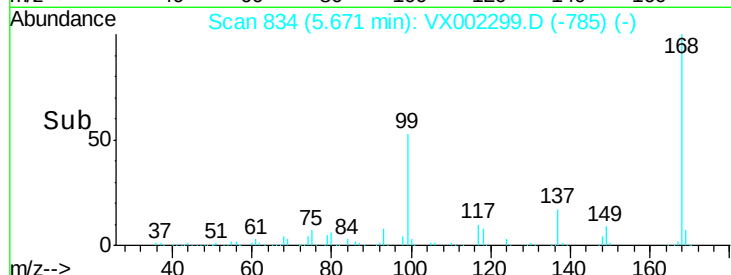
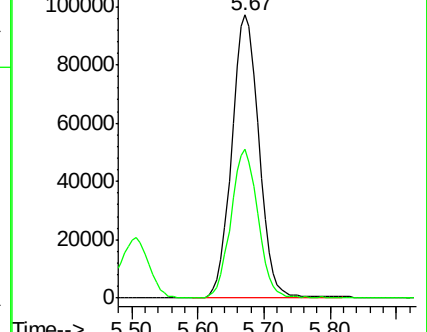
Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.060 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX002299.D

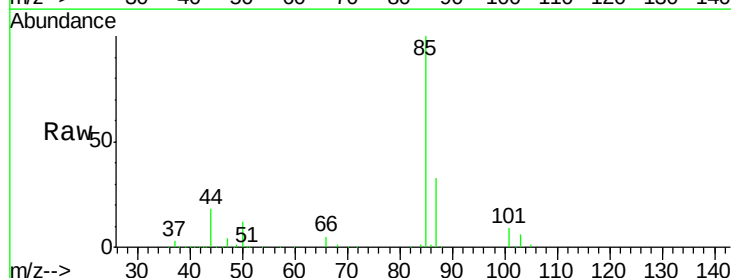
Acq: 05 Jun 2018 12:25

Tgt Ion: 85 Resp: 60812

Ion Ratio Lower Upper

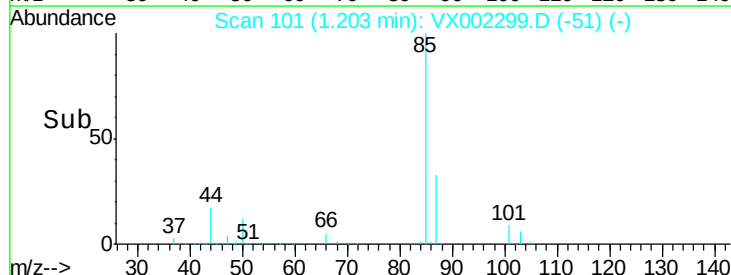
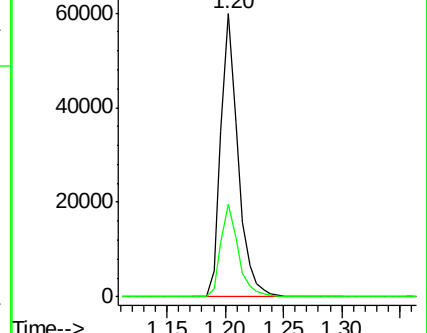
85 100

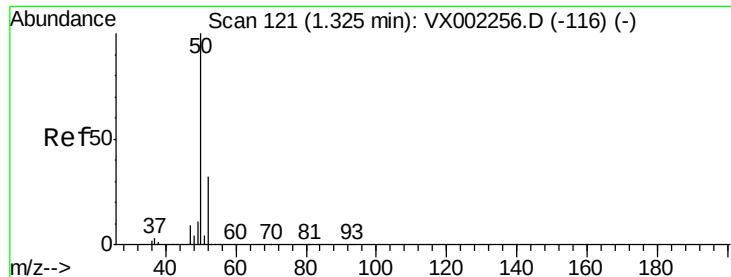
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.712 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 50 Resp: 70973

Ion Ratio Lower Upper

50 100

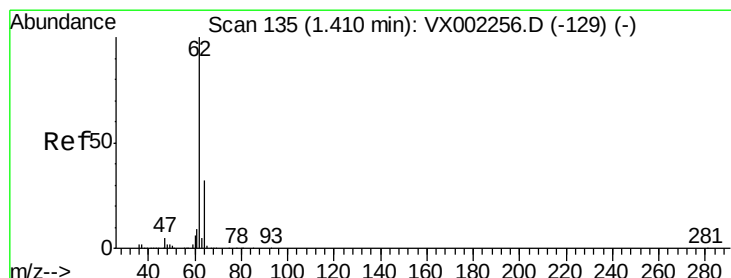
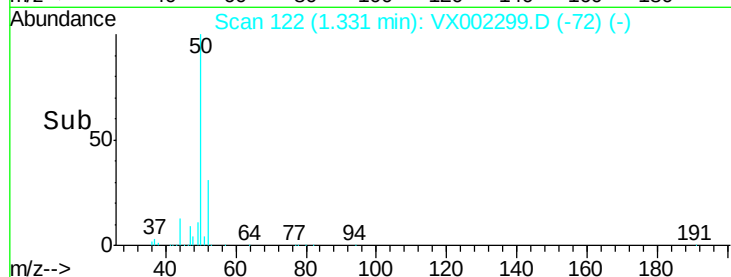
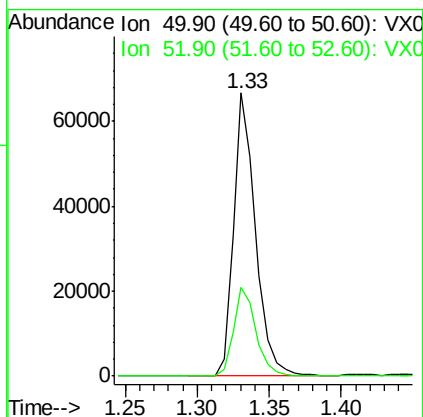
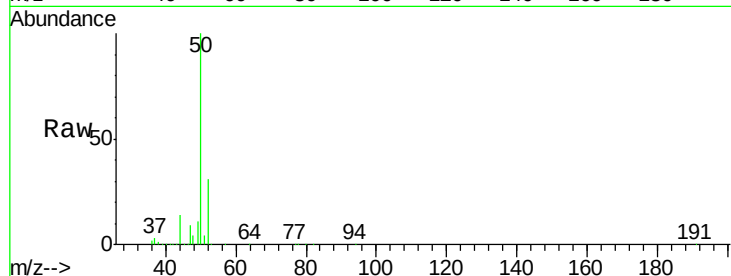
52 31.4 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

6/6/2018 4:10:42 PM



#4

Vinyl Chloride

Concen: 20.432 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002299.D

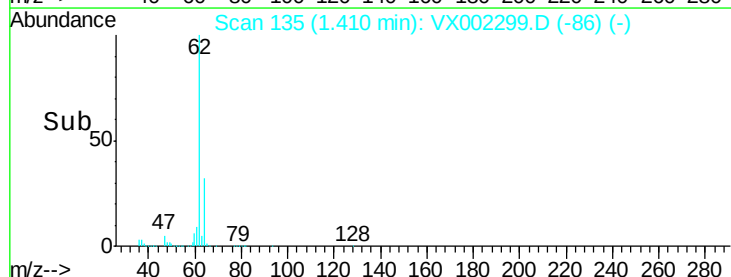
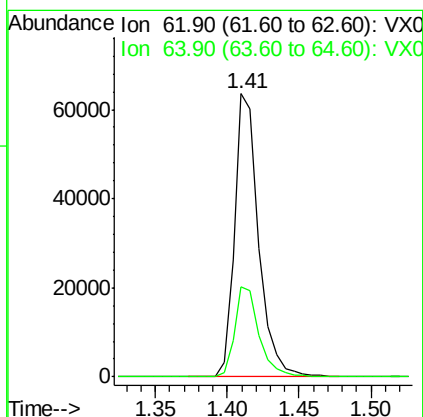
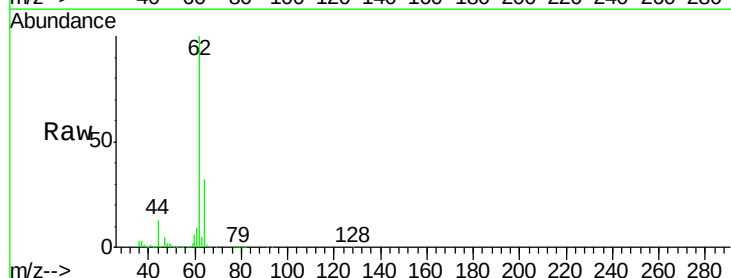
Acq: 05 Jun 2018 12:25

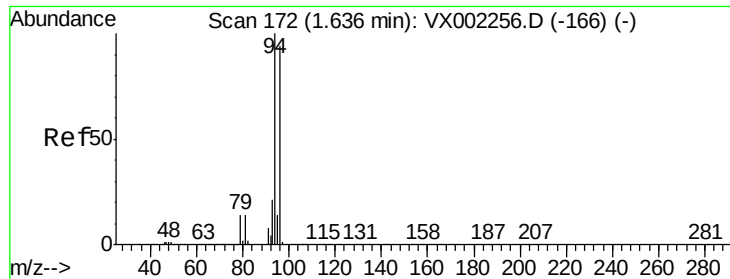
Tgt Ion: 62 Resp: 74356

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 21.645 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 94 Resp: 48476

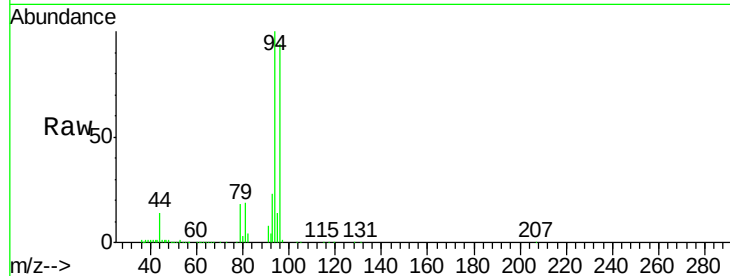
Ion Ratio Lower Upper

94 100

96 94.4 74.9 112.3

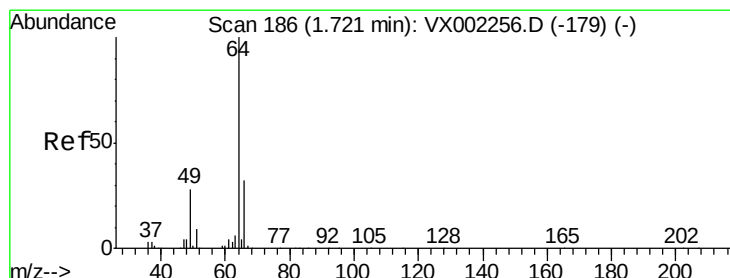
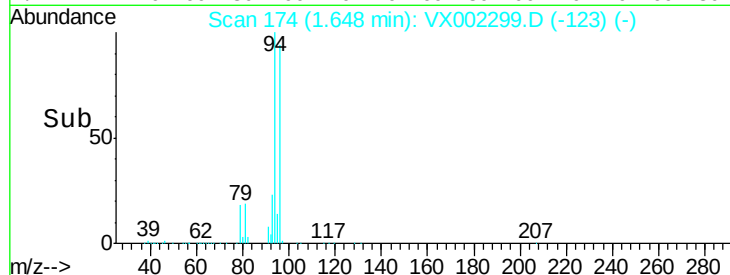
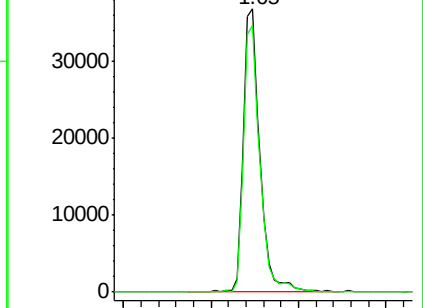
Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.637 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX002299.D

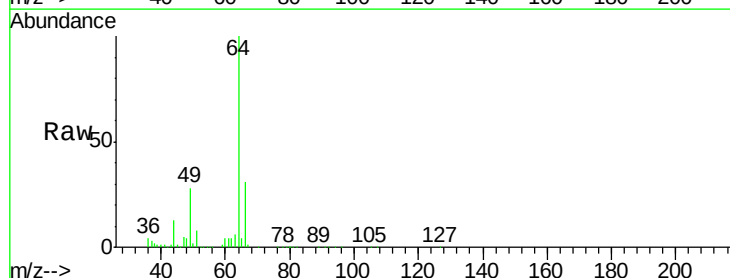
Acq: 05 Jun 2018 12:25

Tgt Ion: 64 Resp: 46228

Ion Ratio Lower Upper

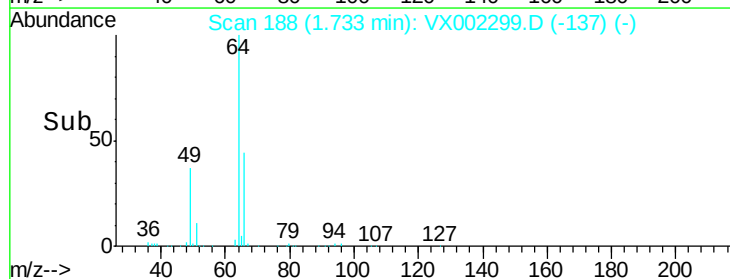
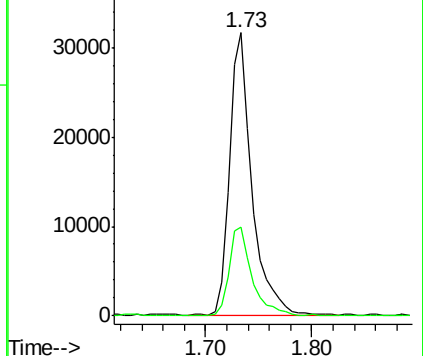
64 100

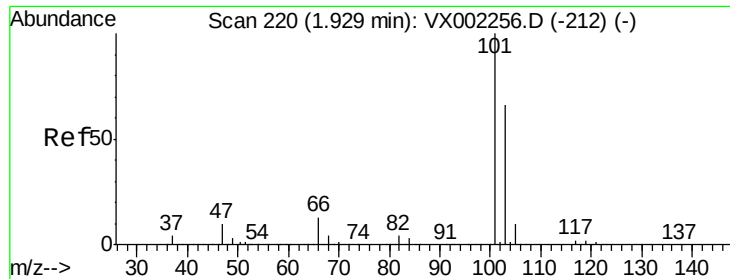
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

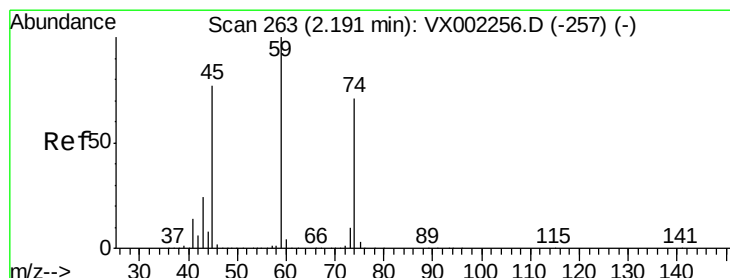
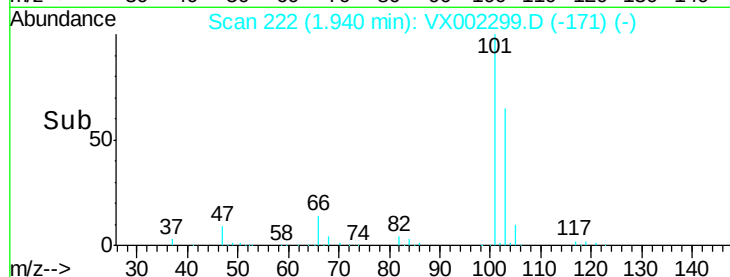
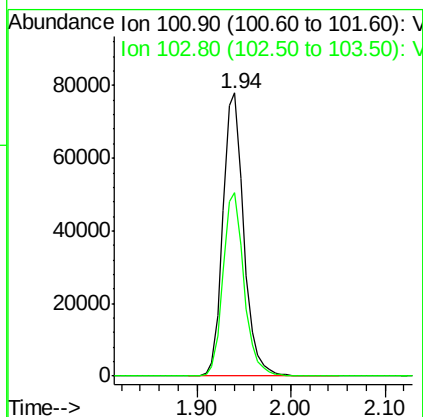
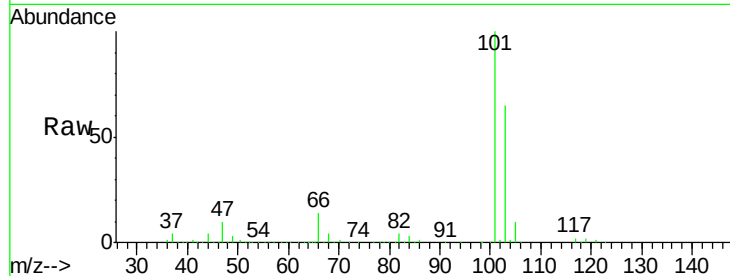
Trichlorofluoromethane
Concen: 21.556 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion:101 Resp: 119524
Ion Ratio Lower Upper
101 100
103 64.8 52.8 79.2

Manual Integrations
APPROVED

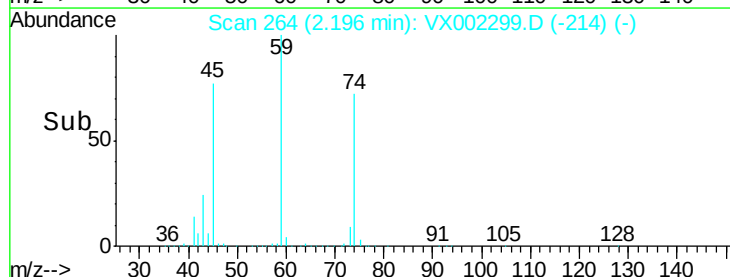
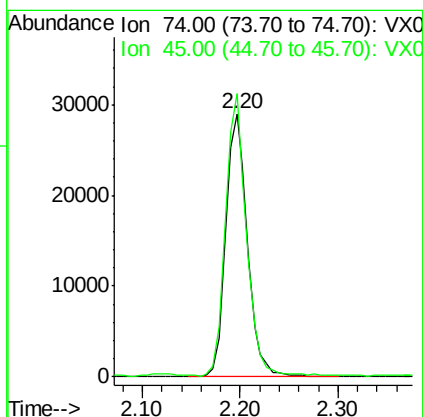
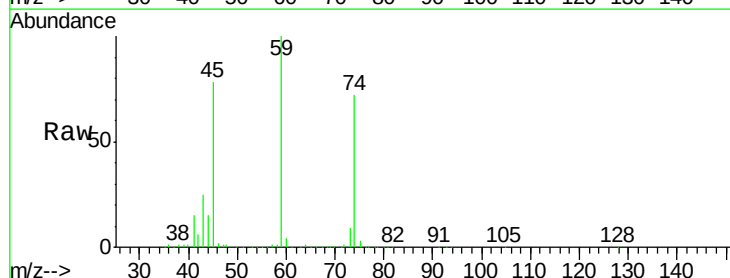
MMDadoda
6/6/2018 4:10:42 PM

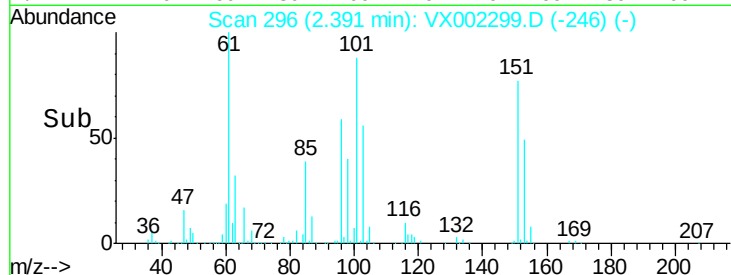
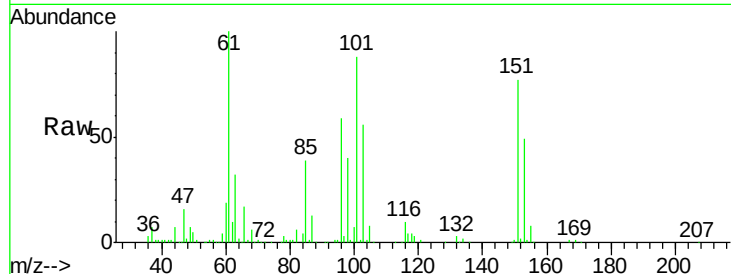
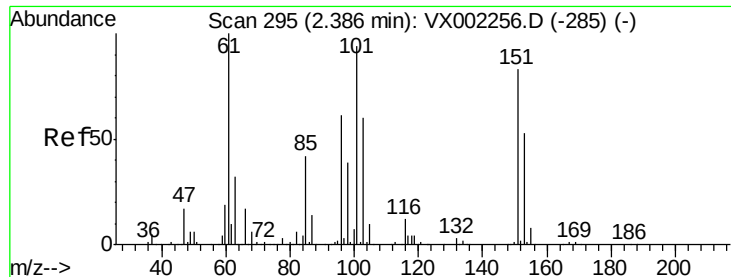


#8

Diethyl Ether
Concen: 21.060 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 74 Resp: 44229
Ion Ratio Lower Upper
74 100
45 103.3 53.1 159.4





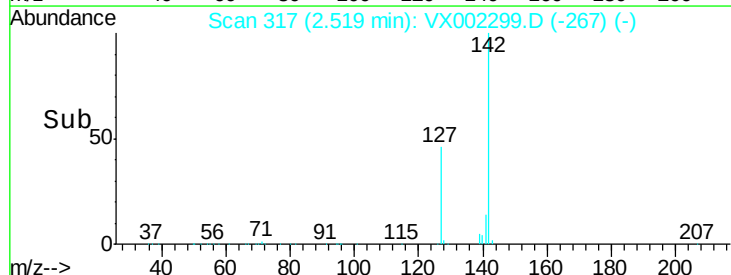
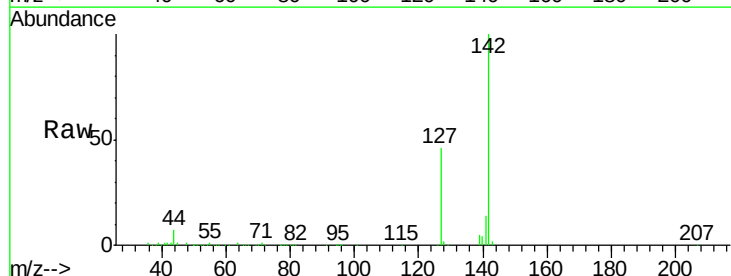
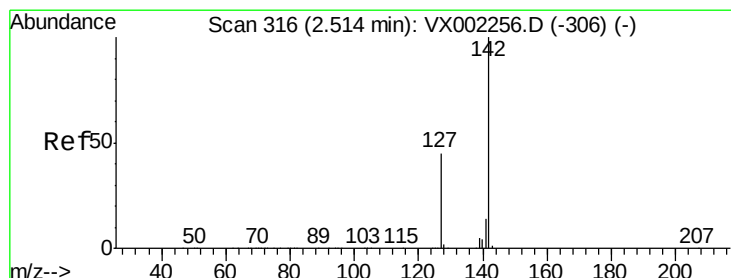
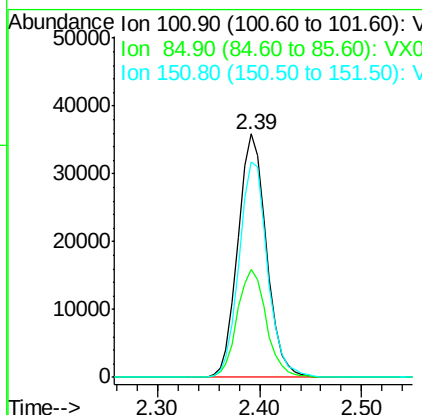
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.233 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.0	54.0
151	88.2	70.9	106.3

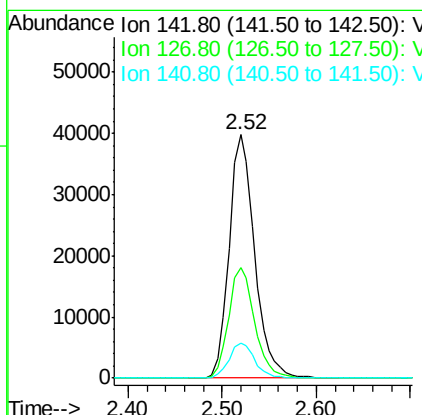
Manual Integrations
APPROVED

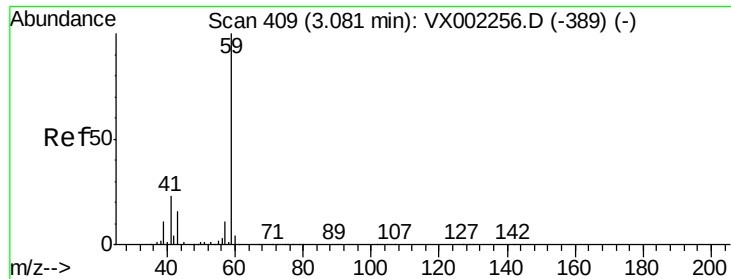
MMDadoda
6/6/2018 4:10:42 PM



#10
Methyl Iodide
Concen: 17.741 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.4	36.6	55.0
141	14.6	11.3	16.9





#11

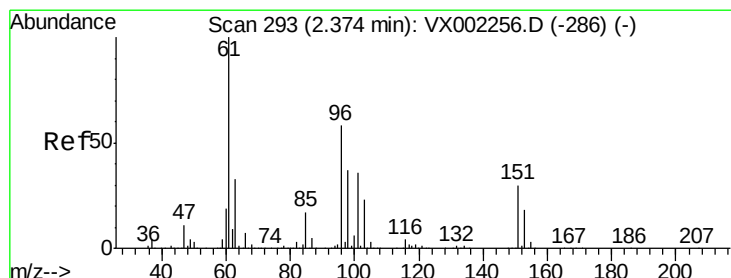
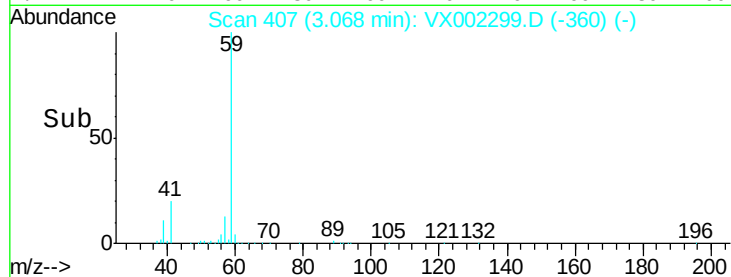
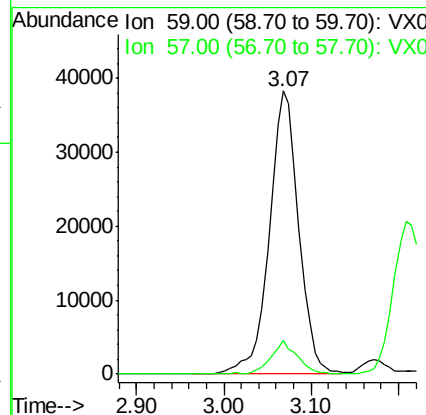
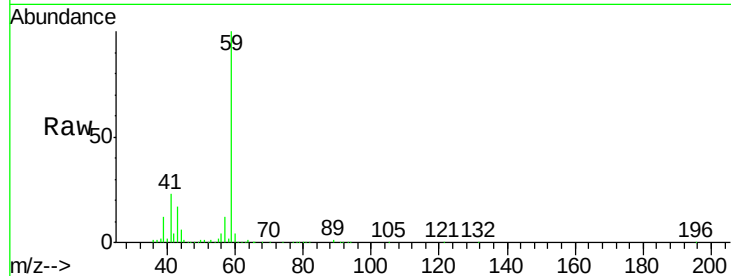
Tert butyl alcohol
 Concen: 98.267 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion	59	Resp	89777
Ion Ratio	100	Lower	Upper
57	10.1	8.2	12.2

Manual Integrations
 APPROVED

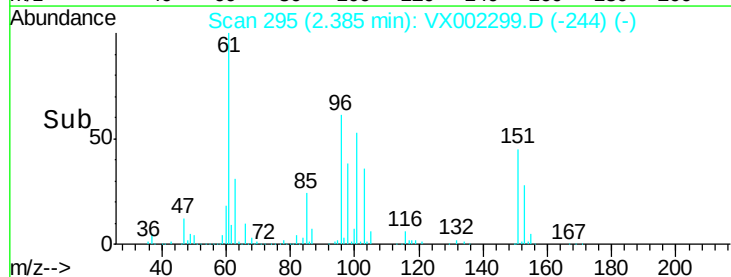
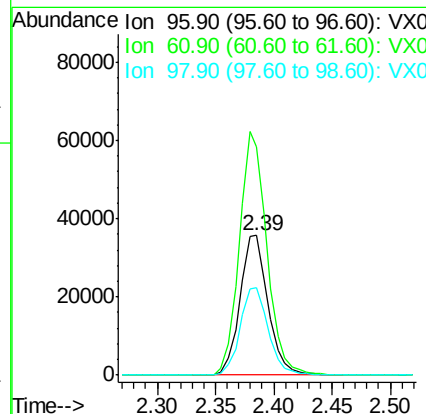
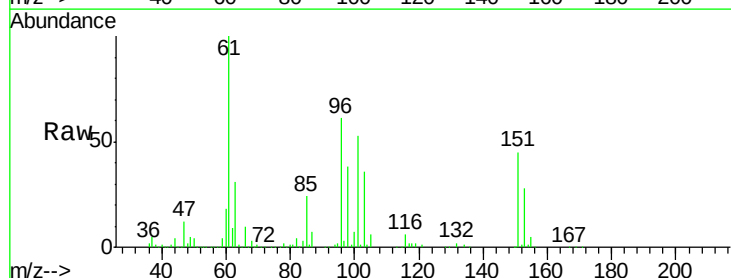
MMDadoda
 6/6/2018 4:10:42 PM

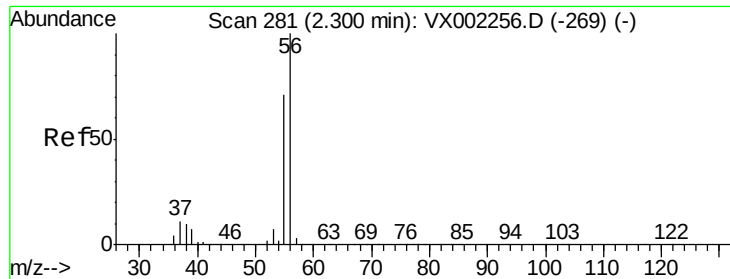


#12

1,1-Dichloroethene
 Concen: 20.287 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion	96	Resp	59990
Ion Ratio	100	Lower	Upper
61	164.2	137.9	206.9
98	62.4	51.6	77.4





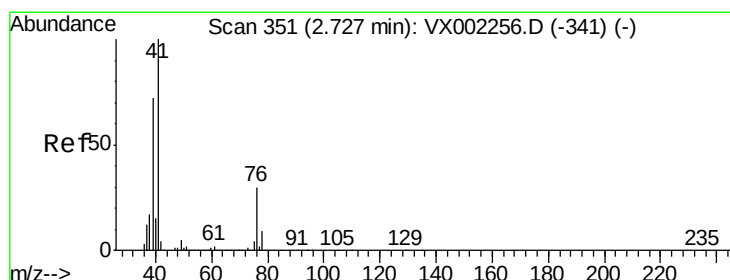
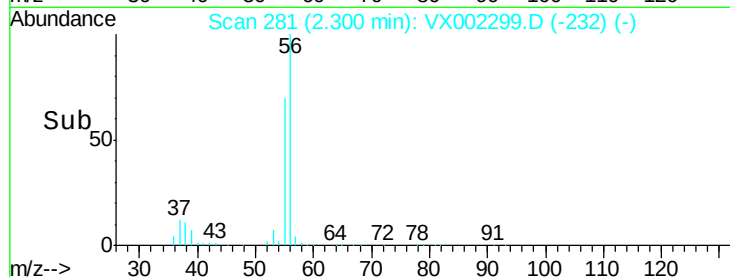
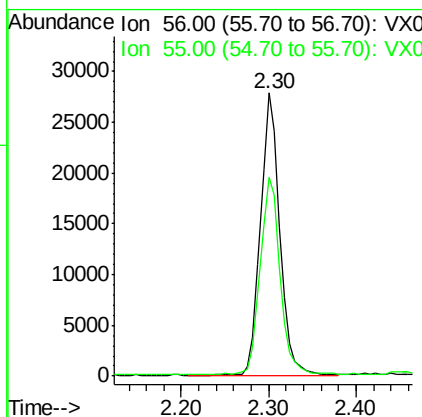
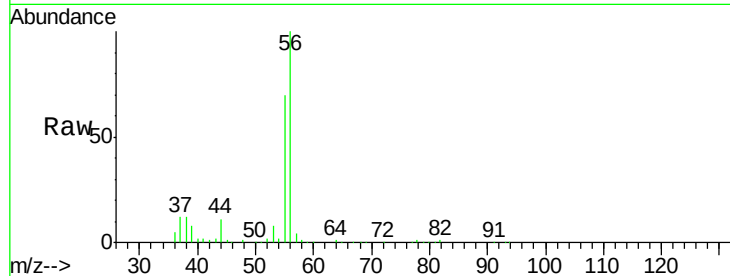
#13
Acrolein
Concen: 105.209 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	56	55	Ratio	Lower	Upper
43724	100	70.7		57.0	85.4

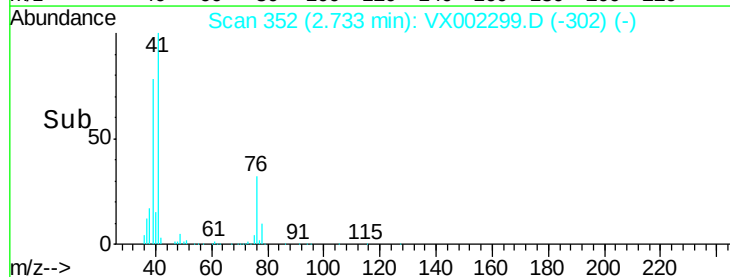
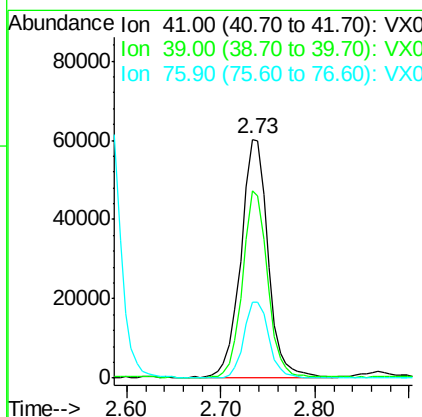
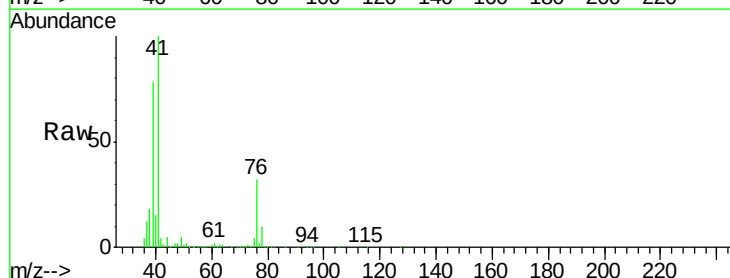
Manual Integrations
APPROVED

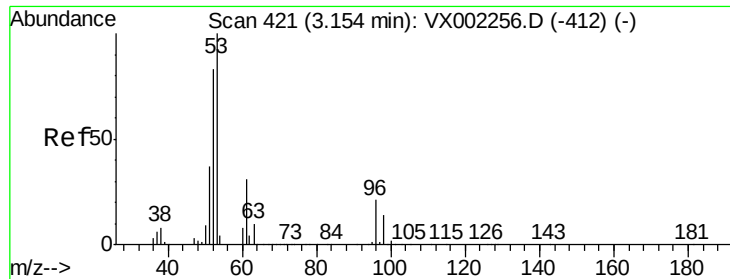
MMDadoda
6/6/2018 4:10:42 PM



#14
Allyl chloride
Concen: 18.981 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	41	39	76	Ratio	Lower	Upper
121807	100	71.9	29.3		56.8	85.2
					23.8	35.8





#15

Acrylonitrile

Concen: 104.861 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

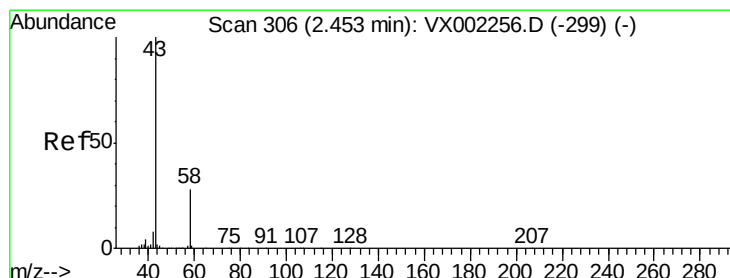
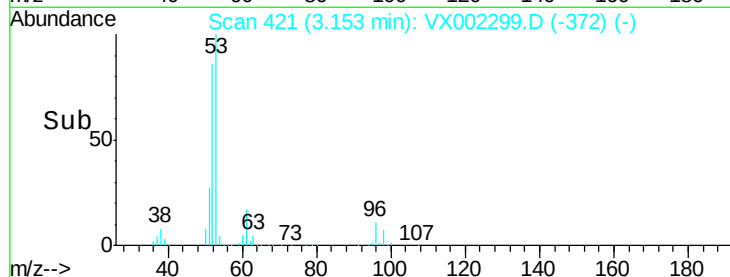
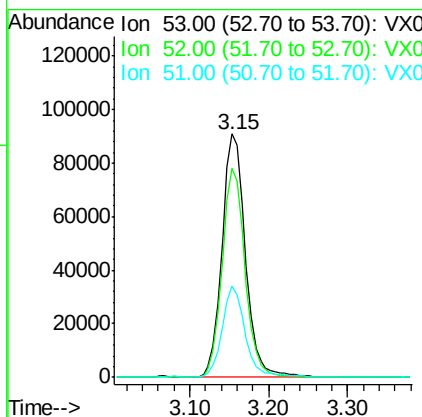
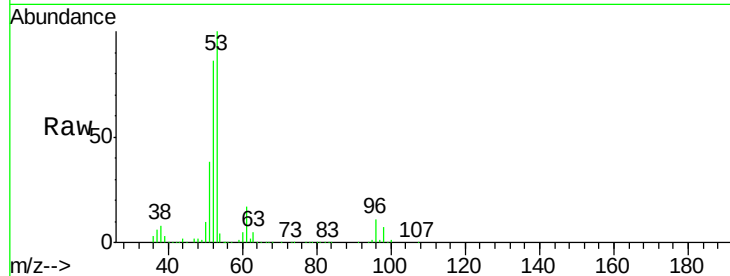
ClientSampleId :

VX0605WBSD01

Tot Ion:	53	Resp:	186782
Ion Ratio		Lower	Upper
53	100		
52	84.2	66.7	100.1
51	37.0	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#16

Acetone

Concen: 101.768 ug/l

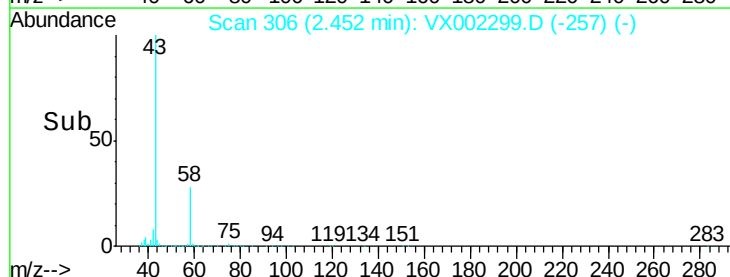
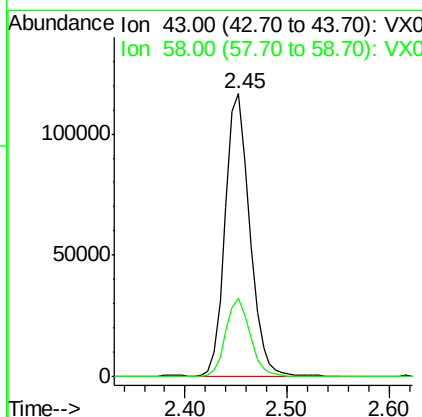
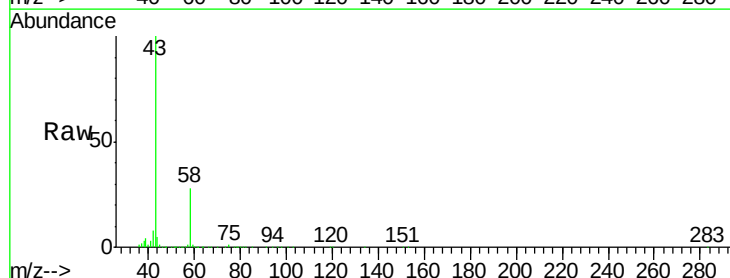
RT: 2.45 min Scan# 306

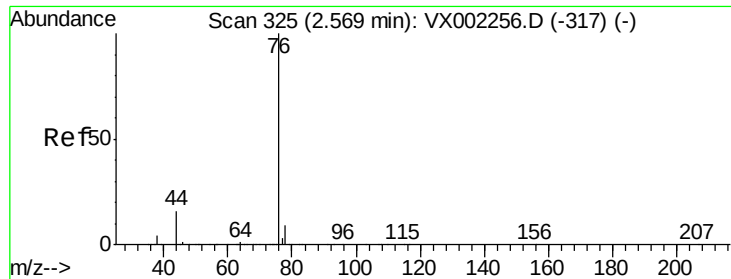
Delta R.T. 0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion:	43	Resp:	193275
Ion Ratio		Lower	Upper
43	100		
58	27.9	22.1	33.1





#17

Carbon Disulfide

Concen: 18.246 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 76 Resp: 142205

Ion Ratio Lower Upper

76 100

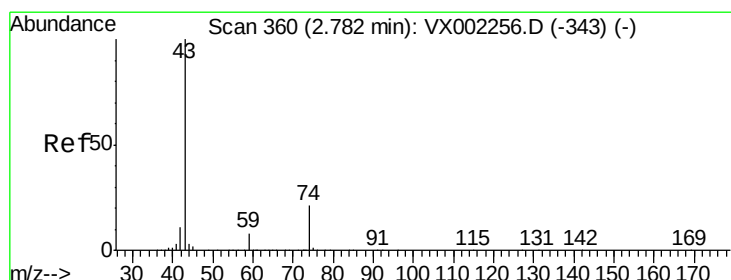
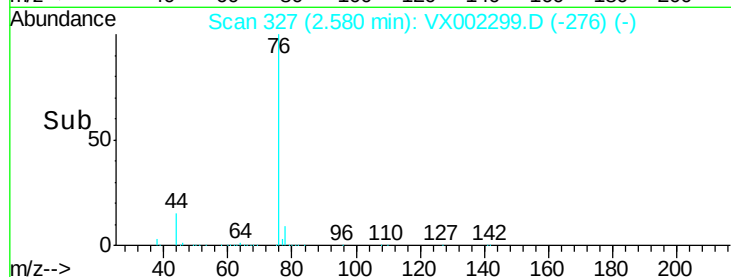
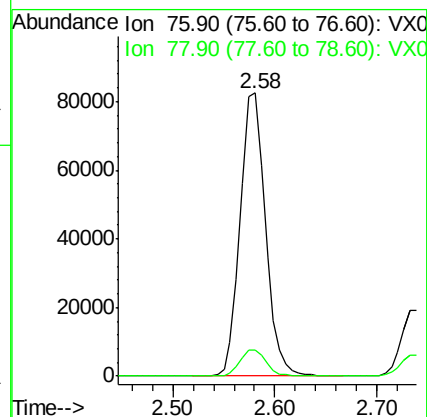
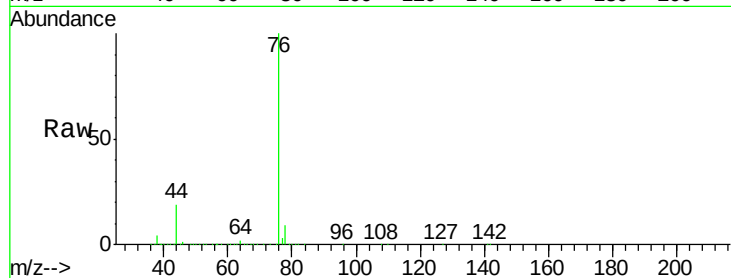
78 9.3 6.9 10.3

Manual Integrations

APPROVED

MMDadoda

6/6/2018 4:10:42 PM



#18

Methyl Acetate

Concen: 20.729 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002299.D

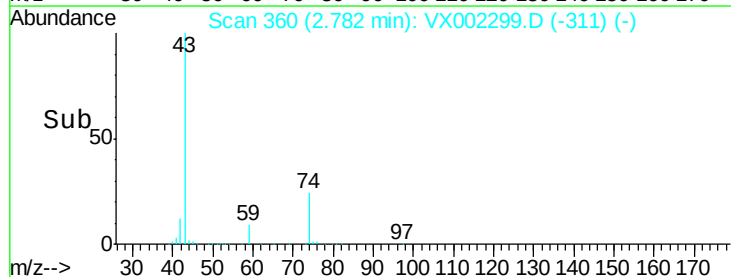
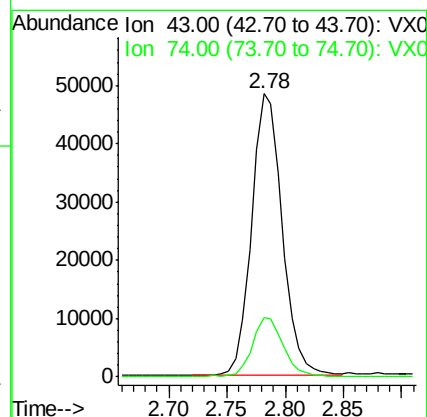
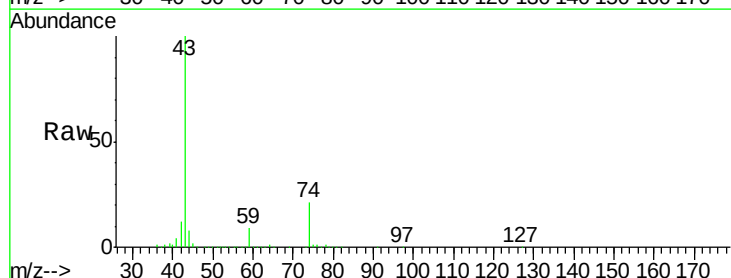
Acq: 05 Jun 2018 12:25

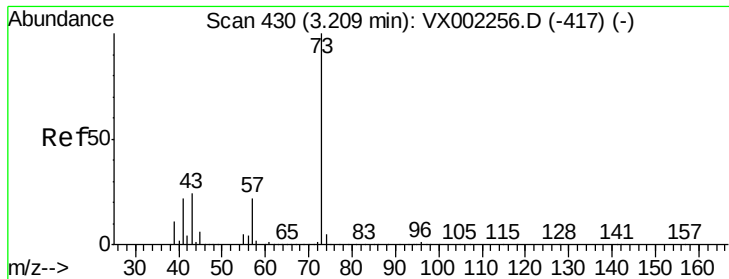
Tgt Ion: 43 Resp: 88779

Ion Ratio Lower Upper

43 100

74 21.8 16.7 25.1





#19

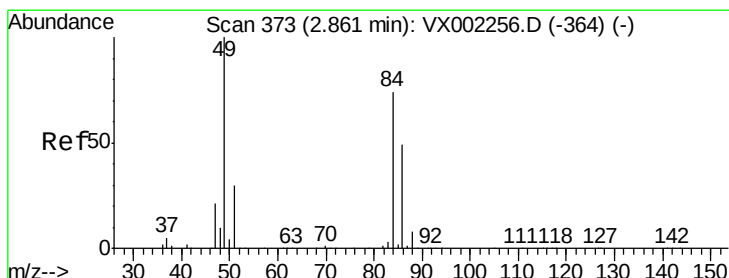
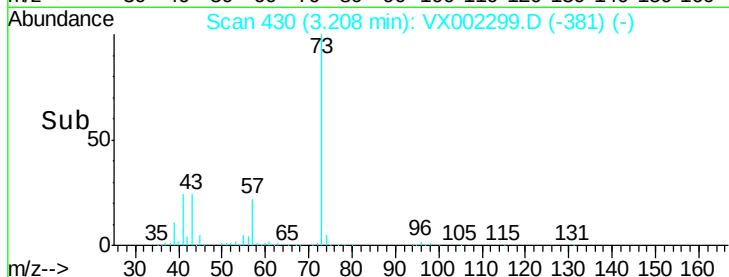
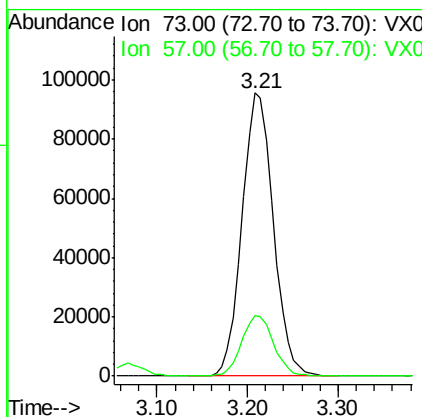
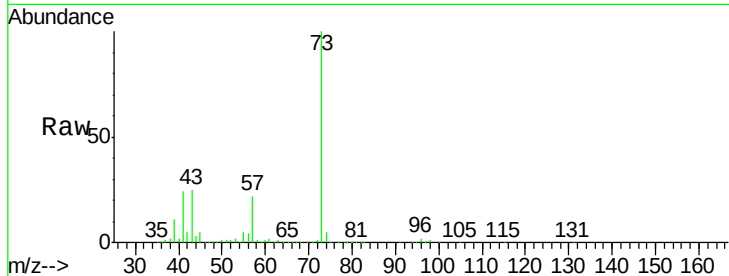
Methyl tert-butyl Ether
 Concen: 20.799 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.7	26.5

Manual Integrations
 APPROVED

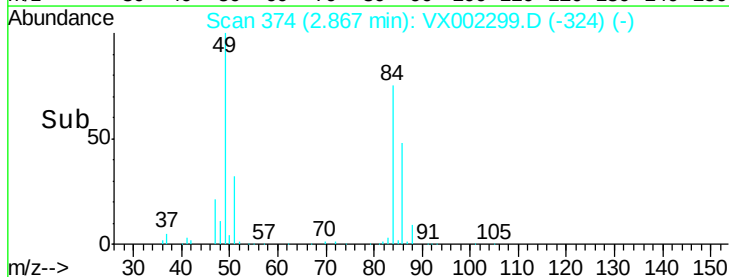
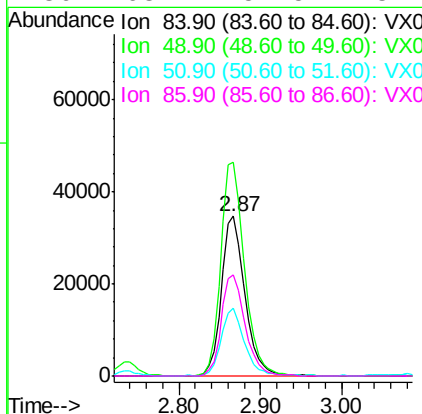
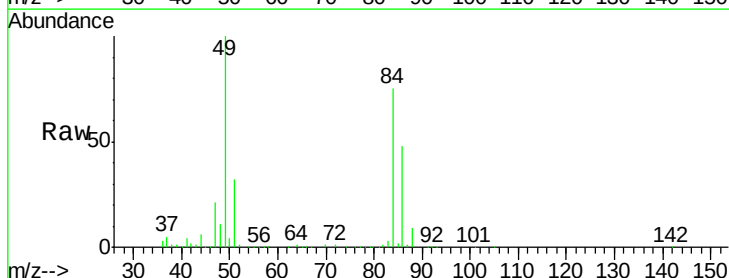
MMDadoda
 6/6/2018 4:10:42 PM

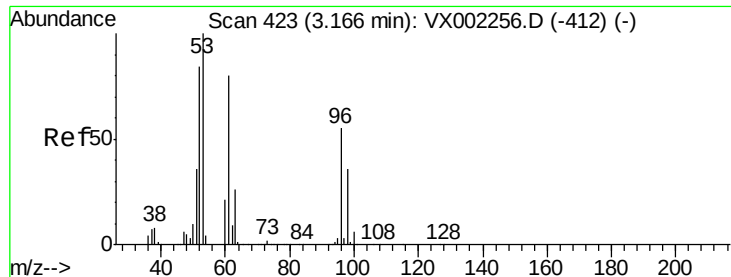


#20

Methylene Chloride
 Concen: 20.388 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.4	107.8	161.6
51	42.6	32.8	49.2
86	63.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.594 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

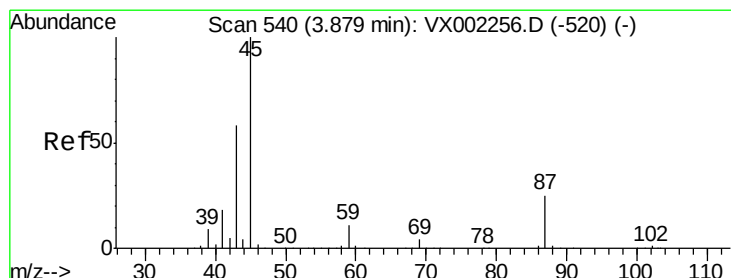
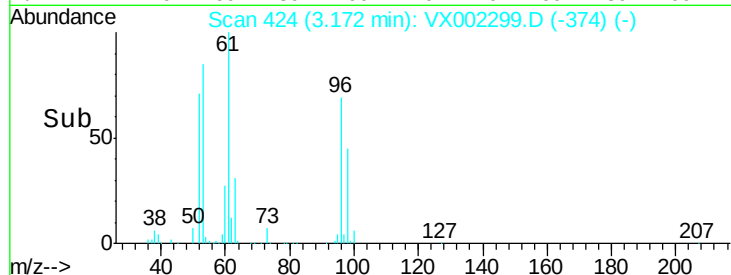
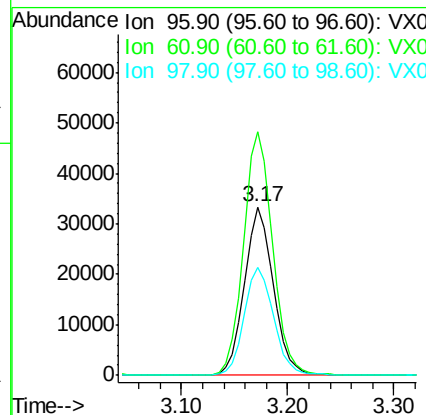
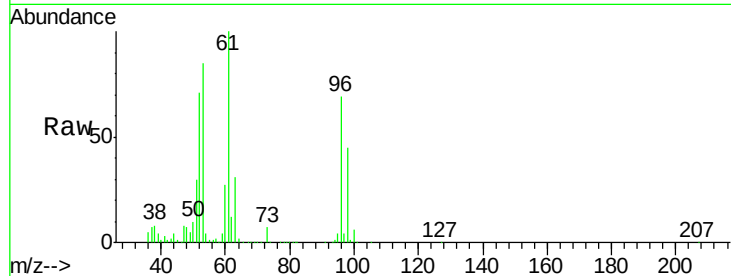
ClientSampleId :

VX0605WBSD01

Tot Ion:	96	Resp:	63895
Ion	Ratio	Lower	Upper
96	100		
61	144.2	117.0	175.4
98	64.2	52.4	78.6

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#22

Diisopropyl ether

Concen: 21.480 ug/l

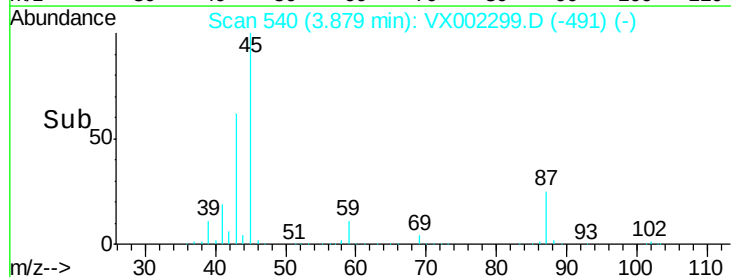
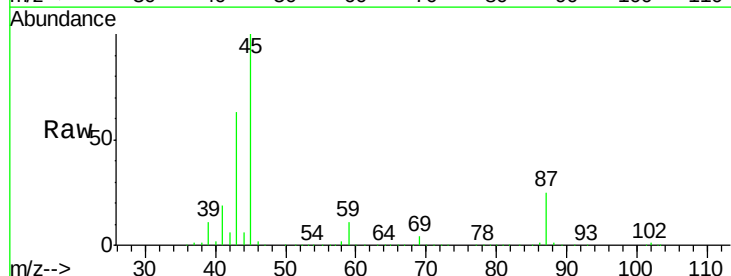
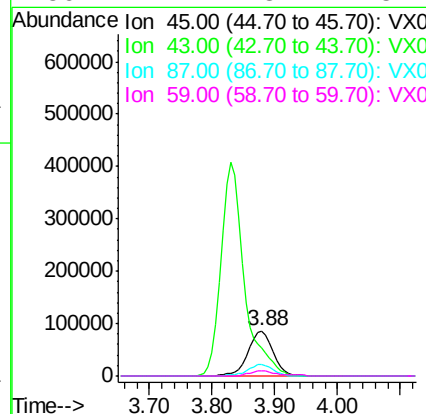
RT: 3.88 min Scan# 540

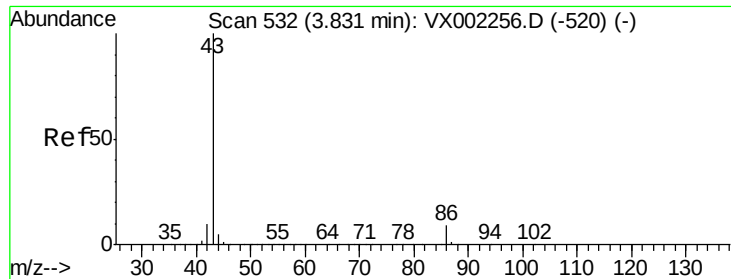
Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion:	45	Resp:	239381
Ion	Ratio	Lower	Upper
45	100		
43	62.4	46.8	70.2
87	25.0	20.2	30.4
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 100.873 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 43 Resp: 1049420

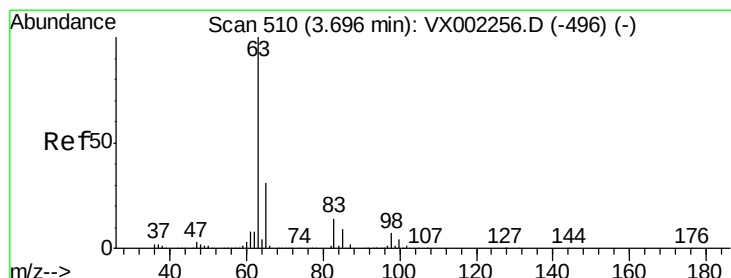
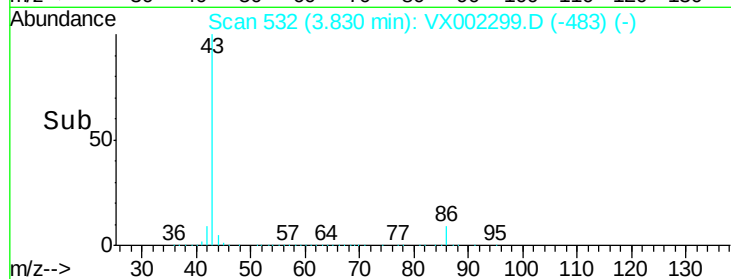
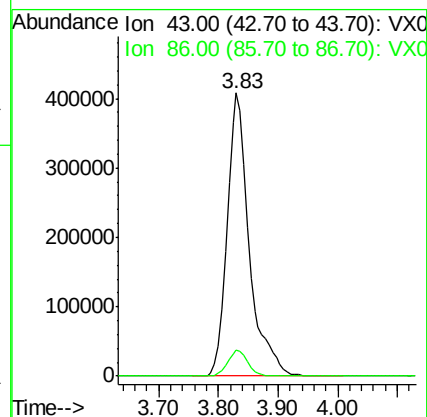
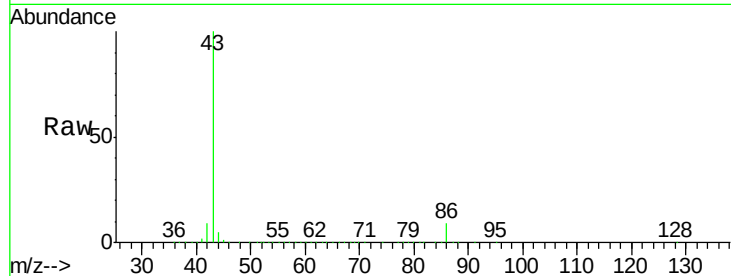
Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#24

1,1-Dichloroethane

Concen: 19.810 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

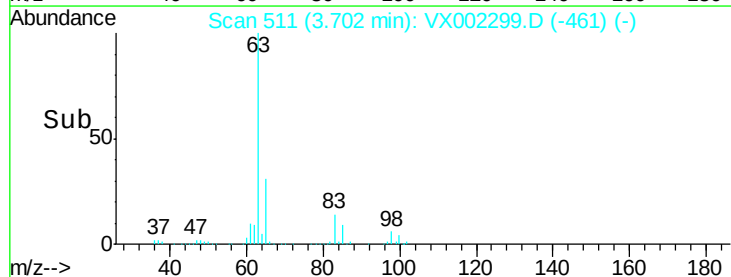
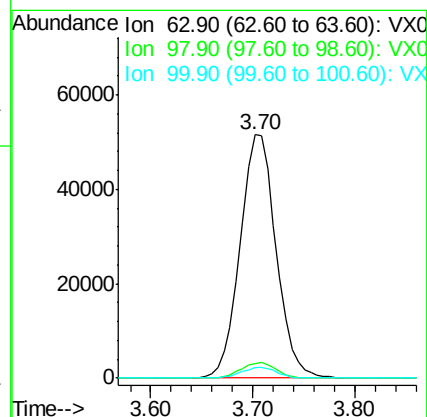
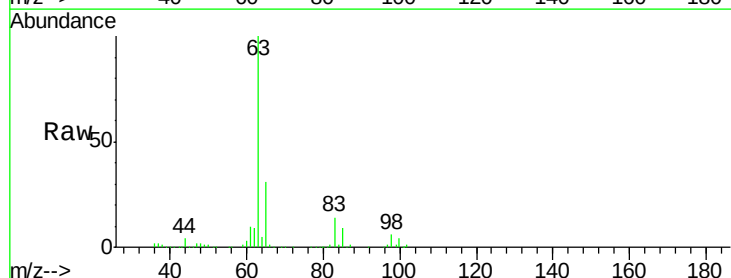
Tgt Ion: 63 Resp: 125647

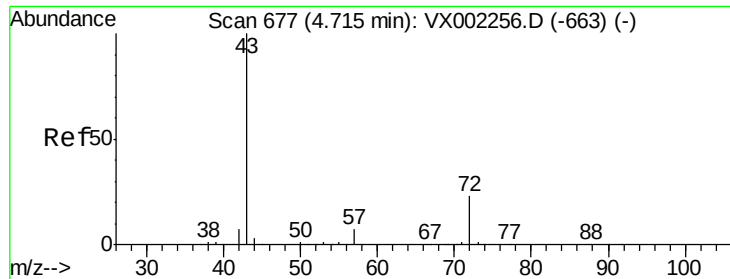
Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 91.749 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 43 Resp: 249886

Ion Ratio Lower Upper

43 100

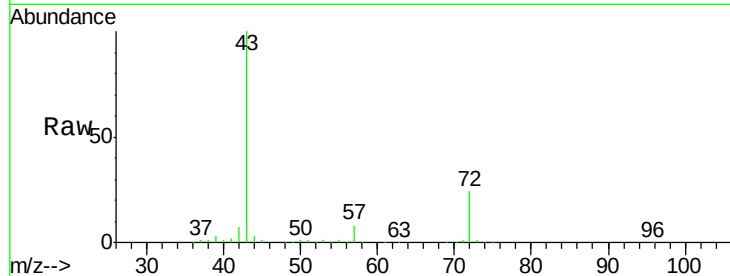
72 23.4 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/6/2018 4:10:42 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

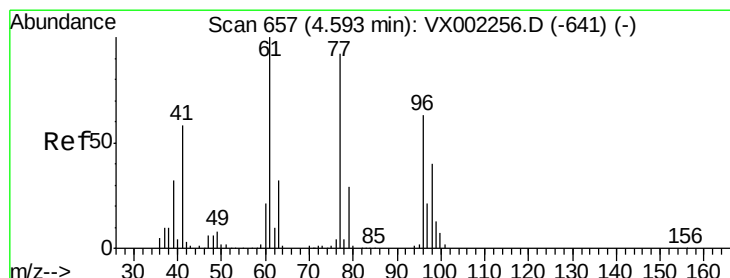
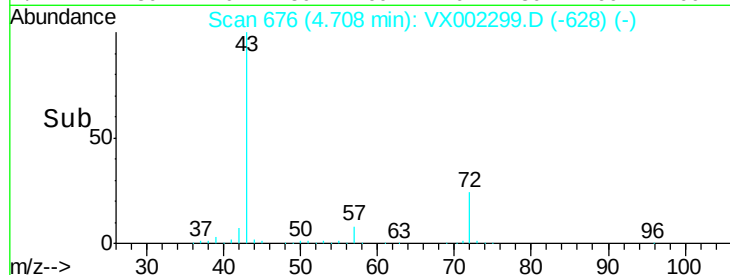
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.608 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX002299.D

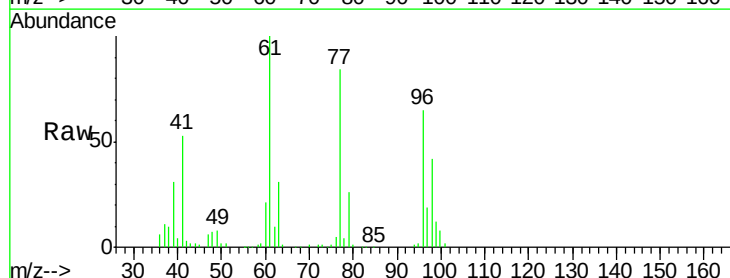
Acq: 05 Jun 2018 12:25

Tgt Ion: 77 Resp: 87301

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

10000

5000

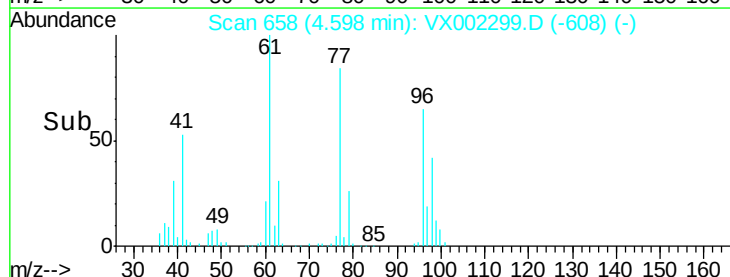
0

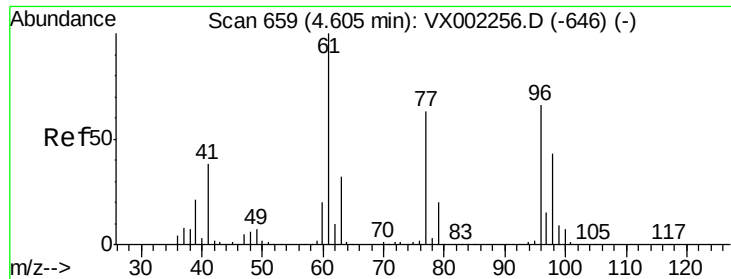
4.50

4.60

4.70

Time-->





#27

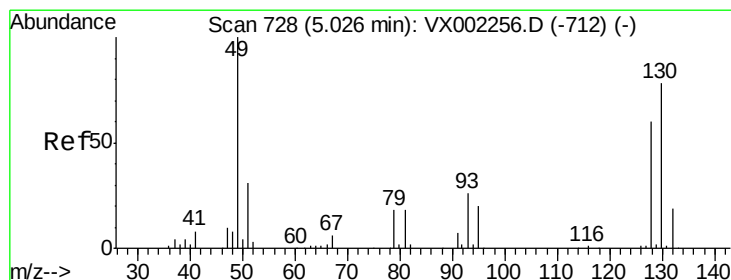
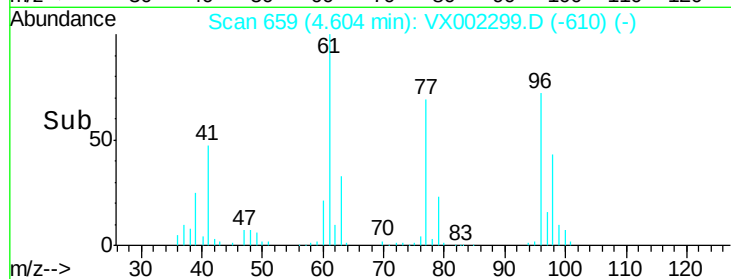
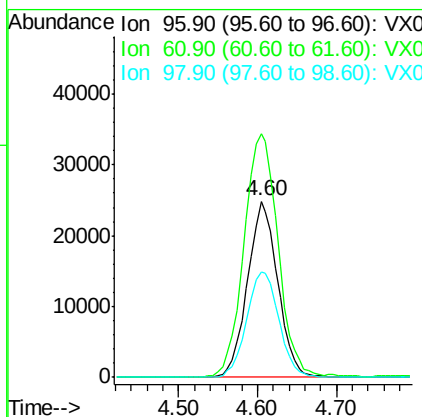
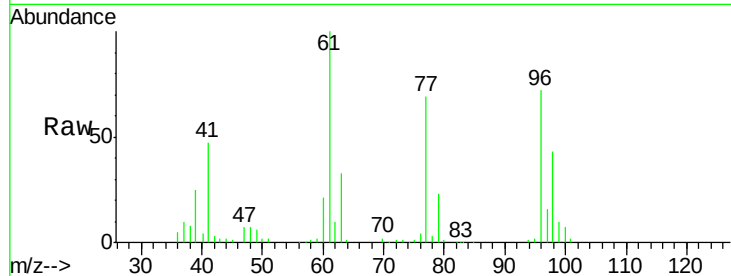
cis-1,2-Dichloroethene
Concen: 18.681 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.9	0.0	330.2
98	63.8	0.0	130.2

Manual Integrations
APPROVED

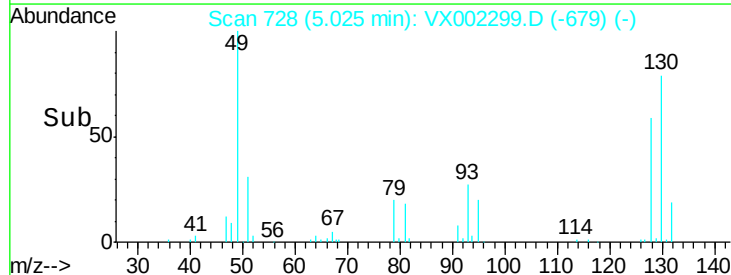
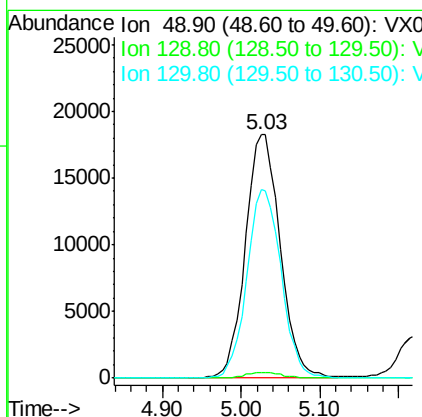
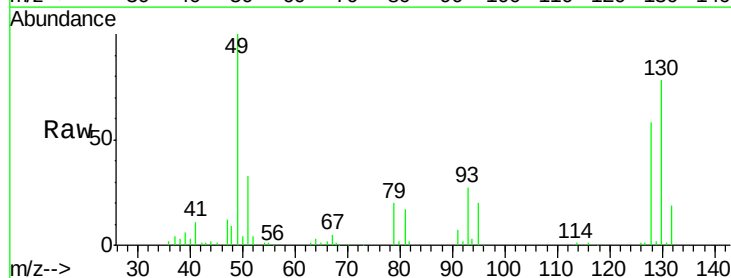
MMDadoda
6/6/2018 4:10:42 PM

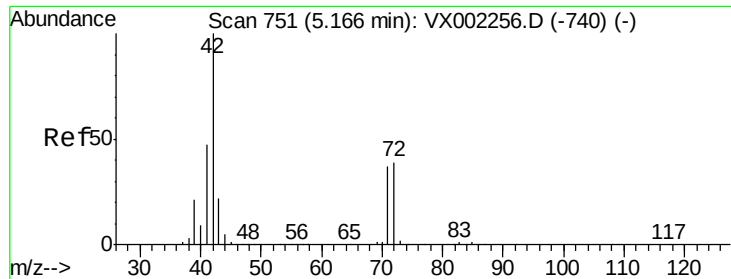


#28

Bromochloromethane
Concen: 18.566 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	76.0	61.2	91.8





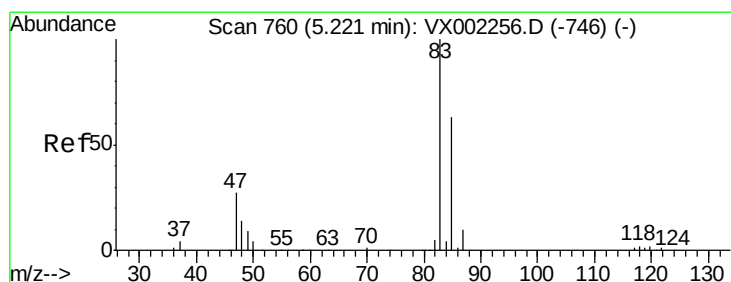
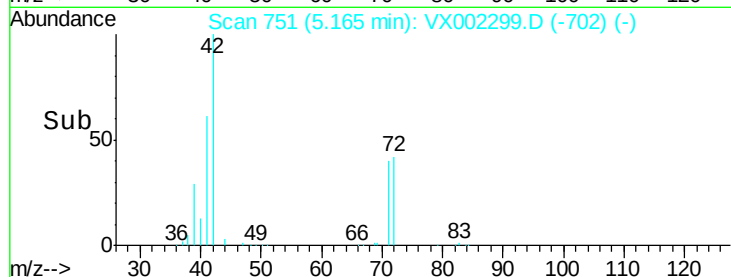
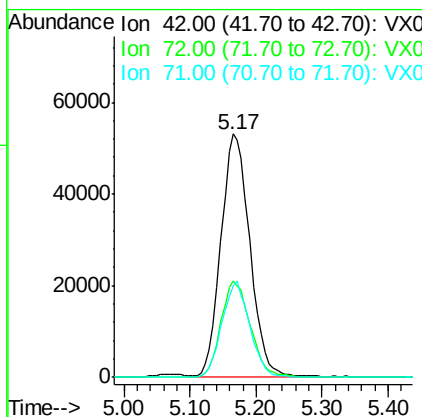
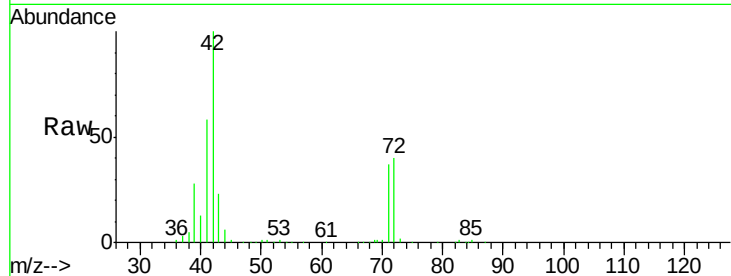
#29
Tetrahydrofuran
Concen: 91.029 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion:	42	Resp:	159847
Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.0	48.0
71	38.2	30.1	45.1

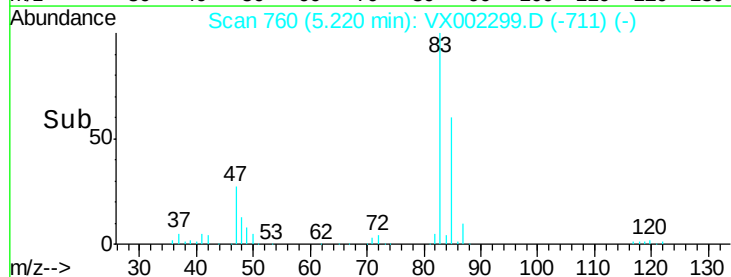
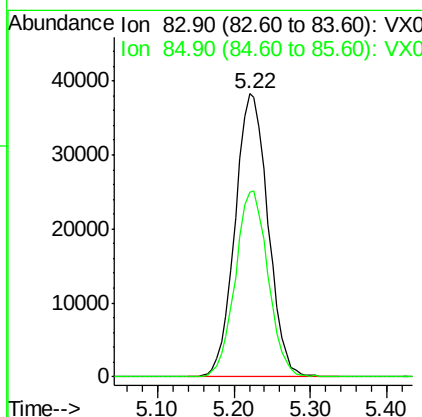
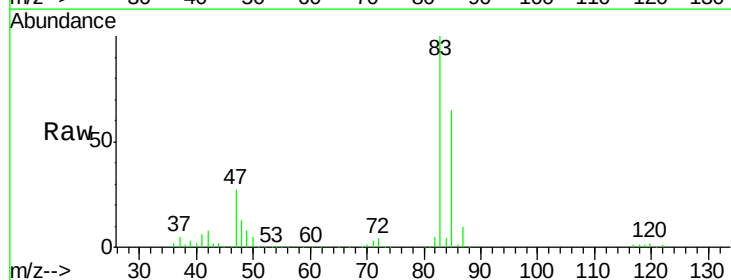
Manual Integrations
APPROVED

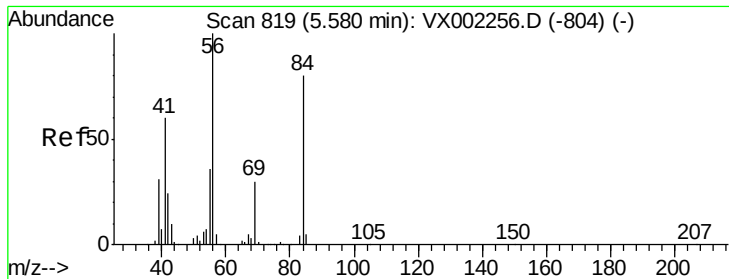
MMDadoda
6/6/2018 4:10:42 PM



#30
Chloroform
Concen: 18.723 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion:	83	Resp:	114593
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.4	75.6





#31

Cyclohexane

Concen: 20.457 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

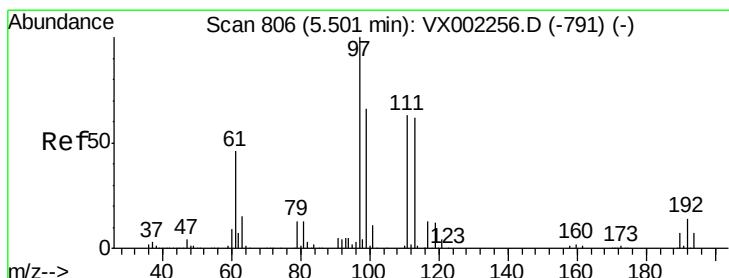
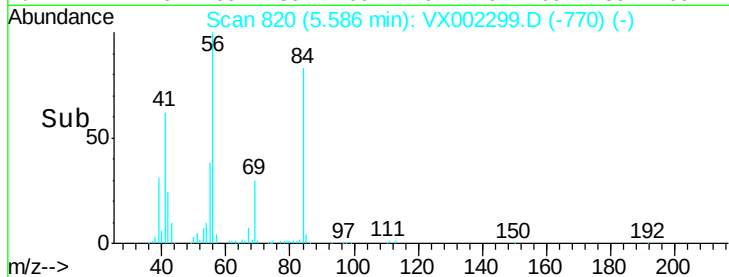
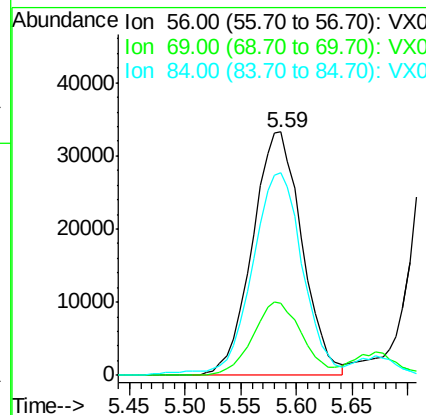
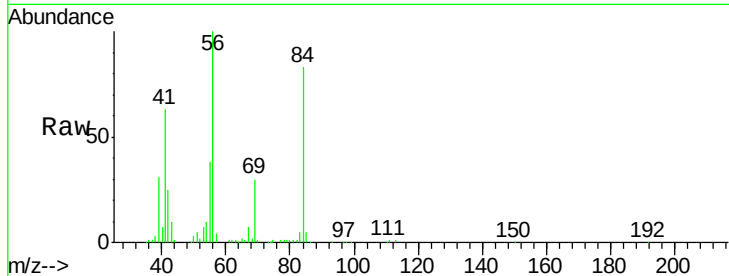
ClientSampleId :

VX0605WBSD01

Tot Ion:	56	Resp:	102602
Ion Ratio	Lower	Upper	
56	100		
69	29.4	23.7	35.5
84	81.3	64.1	96.1

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#32

1,1,1-Trichloroethane

Concen: 18.891 ug/l

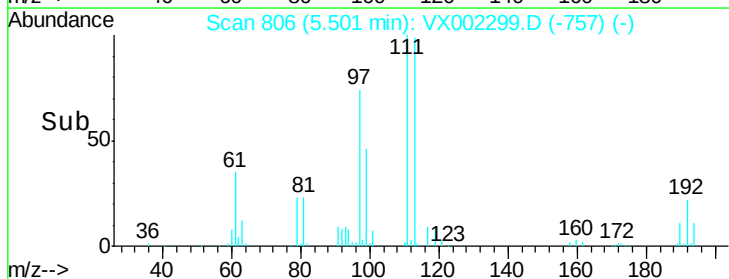
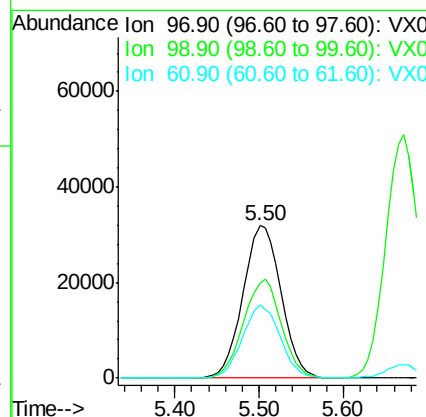
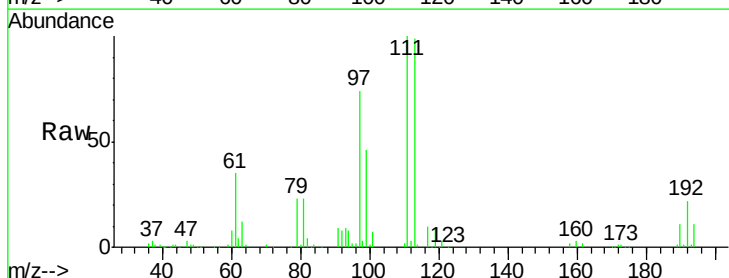
RT: 5.50 min Scan# 806

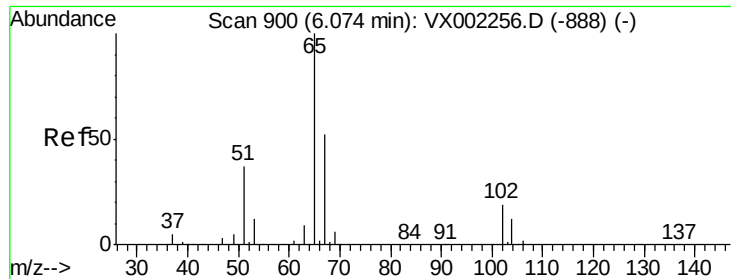
Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion:	97	Resp:	98057
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.6	77.4
61	47.4	36.4	54.6





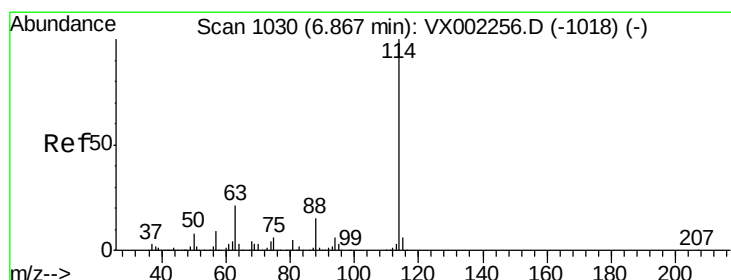
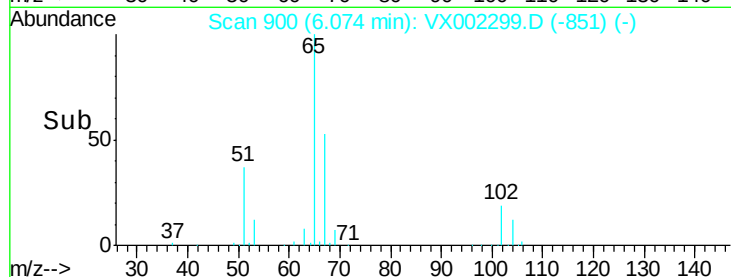
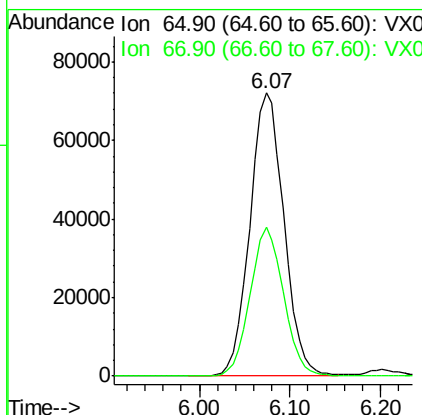
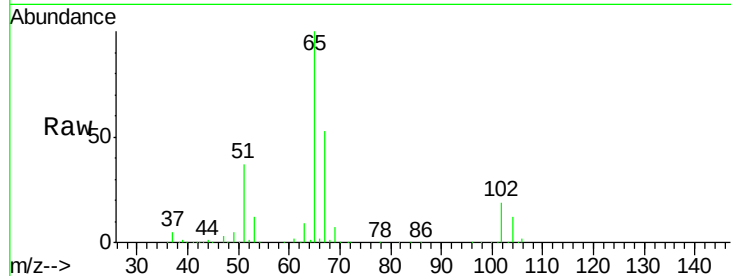
#33
 1,2-Dichloroethane-d4
 Concen: 47.050 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	187702		
67	51.6	0.0	102.6	

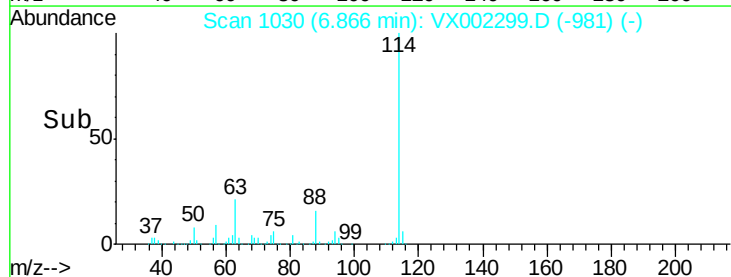
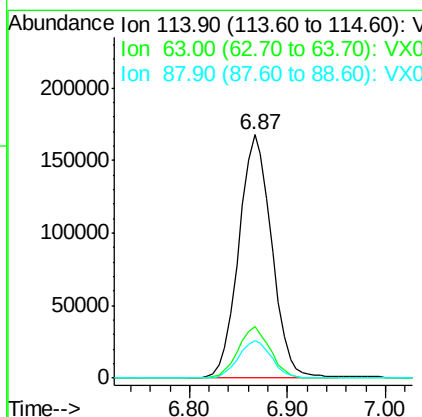
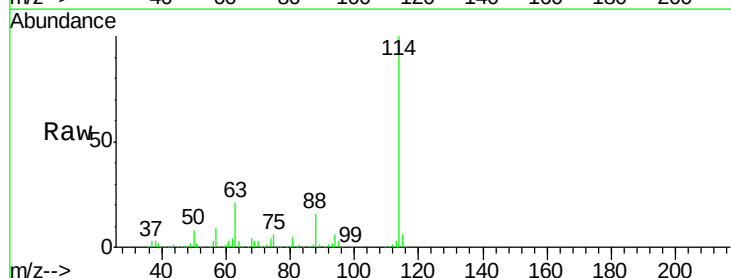
Manual Integrations
 APPROVED

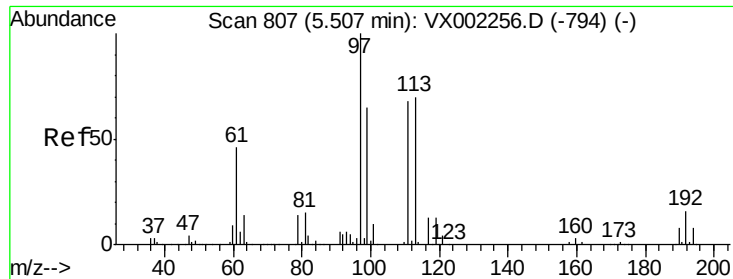
MMDadoda
 6/6/2018 4:10:42 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	392206		
63	20.9	0.0	41.4	
88	15.6	0.0	30.0	





#35

Dibromofluoromethane

Concen: 45.494 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

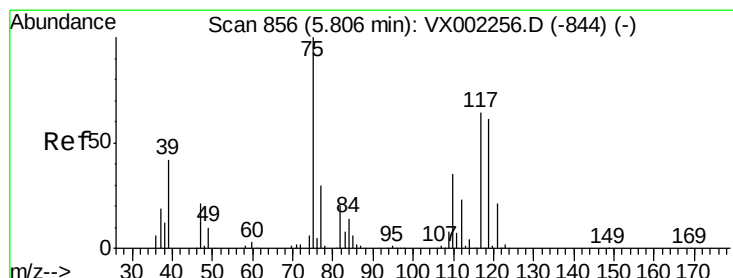
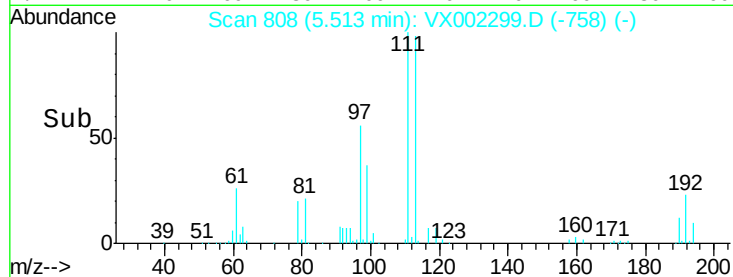
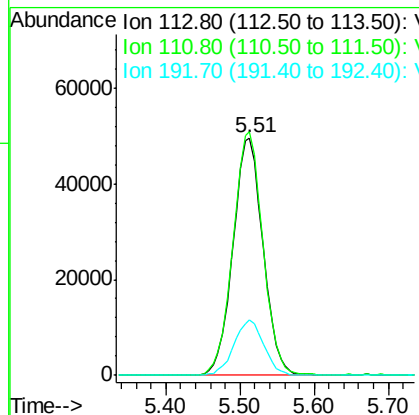
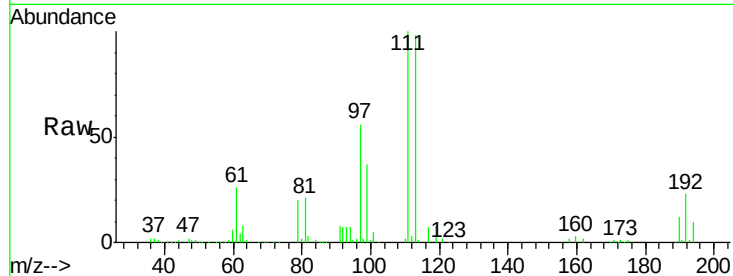
ClientSampleId :

VX0605WBSD01

Tot Ion:	113	Resp:	140318
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.0
192	23.3	19.1	28.7

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#36

1,1-Dichloropropene

Concen: 20.259 ug/l

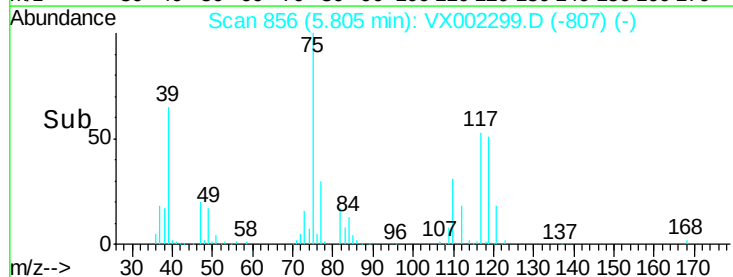
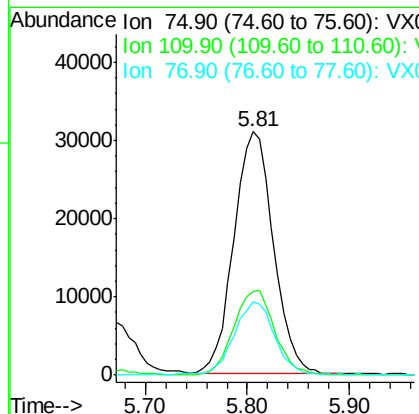
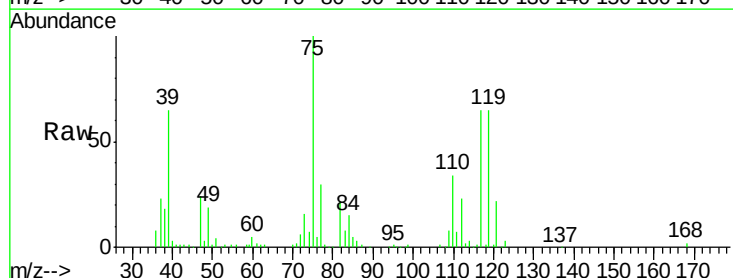
RT: 5.81 min Scan# 856

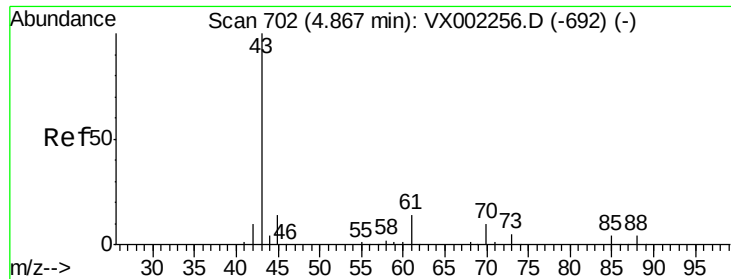
Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion:	75	Resp:	83530
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.4
77	31.2	24.3	36.5





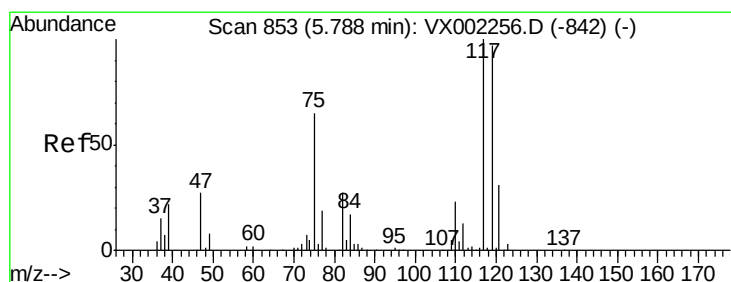
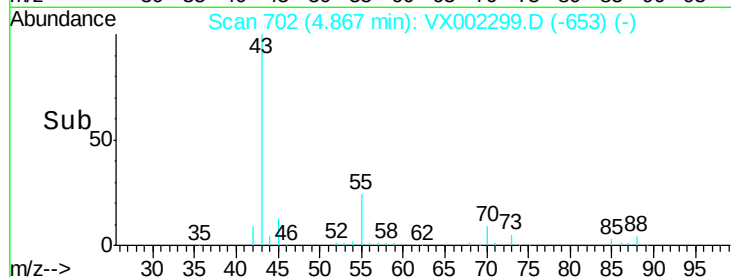
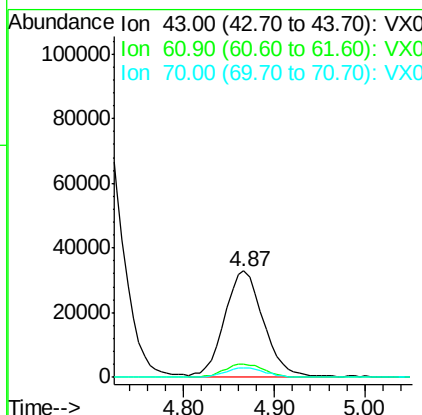
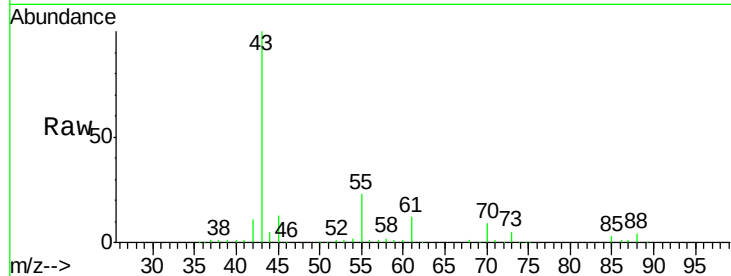
#37
Ethyl Acetate
Concen: 19.504 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	9.4	7.6	11.4

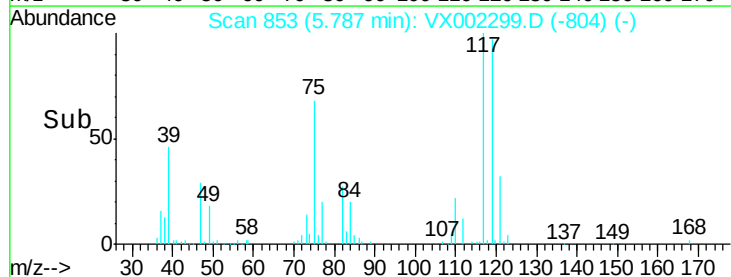
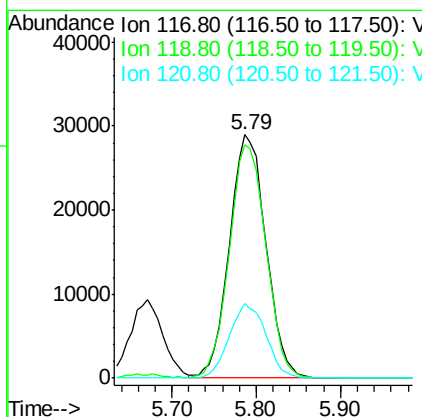
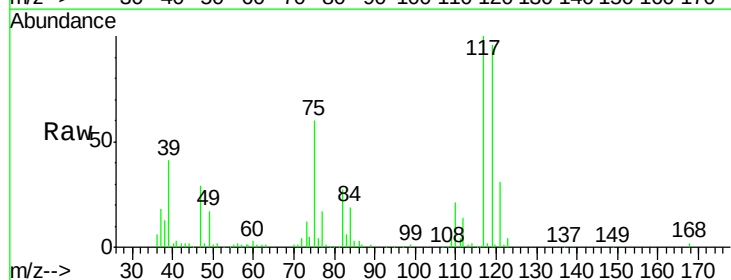
Manual Integrations
APPROVED

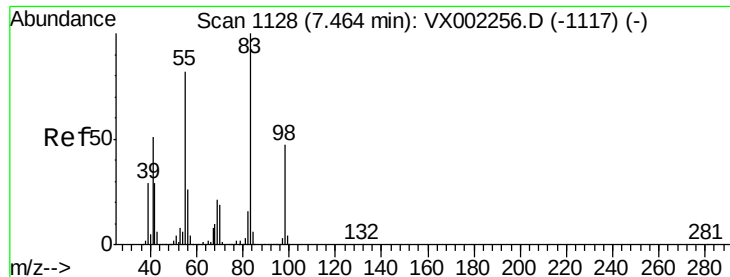
MMDadoda
6/6/2018 4:10:42 PM



#38
Carbon Tetrachloride
Concen: 19.806 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
121	30.8	24.4	36.6





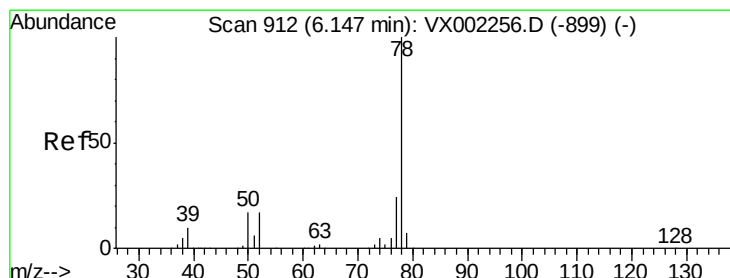
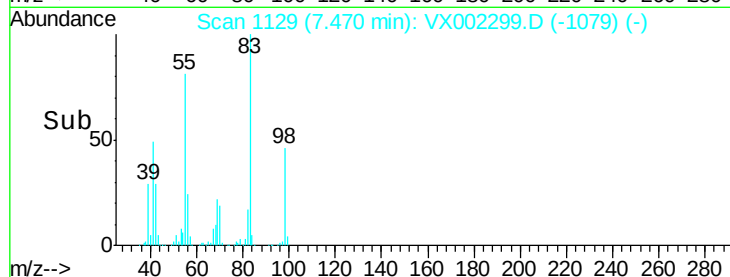
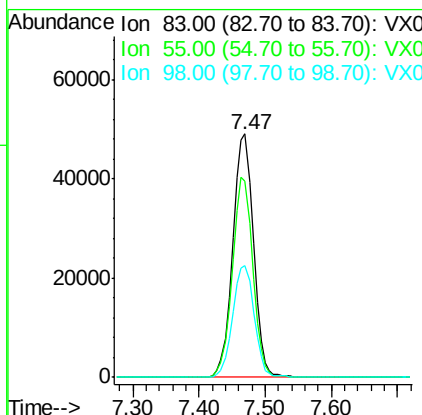
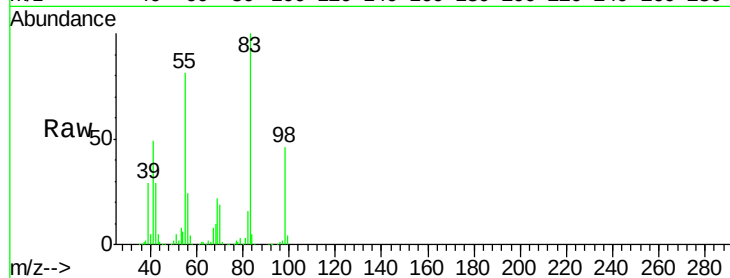
#39
Methylvlcyclohexane
Concen: 21.047 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.4	98.0
98	46.1	37.4	56.0

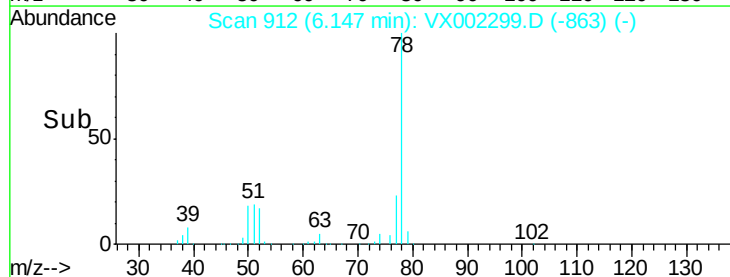
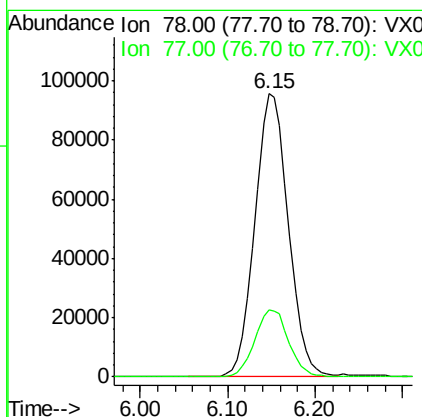
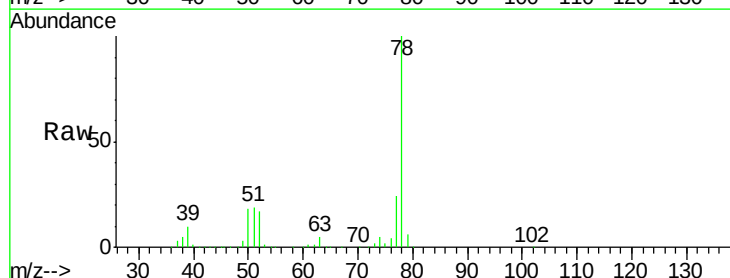
Manual Integrations
APPROVED

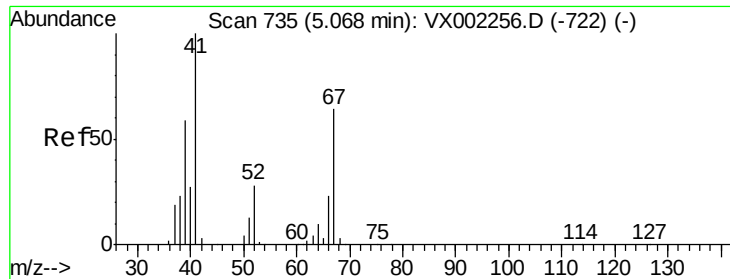
MMDadoda
6/6/2018 4:10:42 PM



#40
Benzene
Concen: 20.101 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





#41

Methacrylonitrile

Concen: 19.452 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

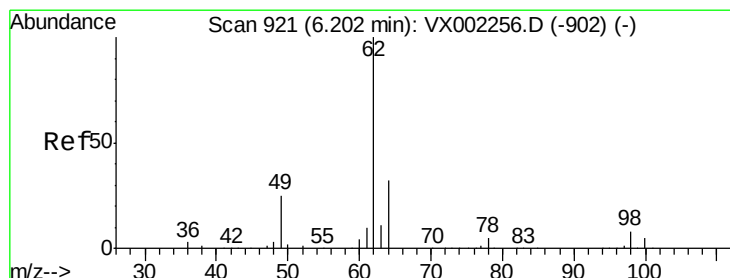
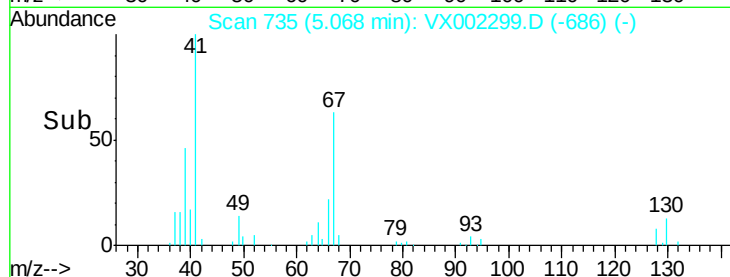
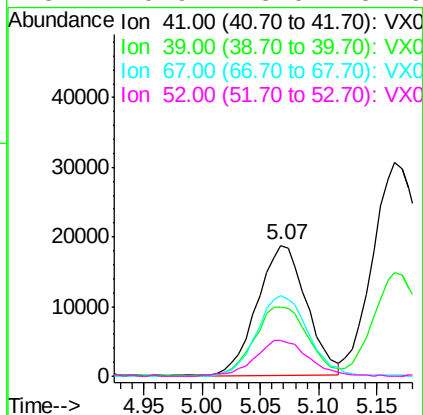
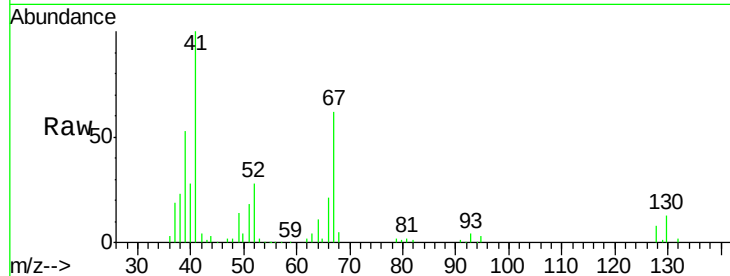
ClientSampleId :

VX0605WBSD01

Tot Ion:	41	Resp:	55217
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.6
67	65.1	51.3	76.9
52	29.9	23.0	34.6

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#42

1,2-Dichloroethane

Concen: 20.309 ug/l

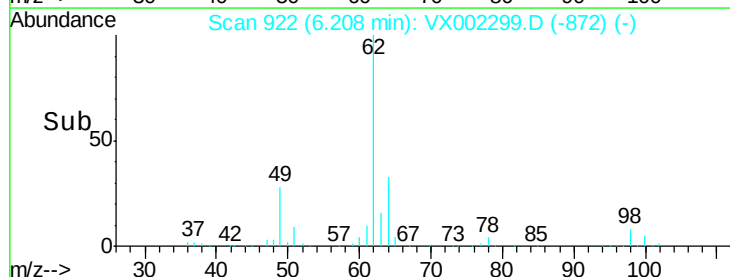
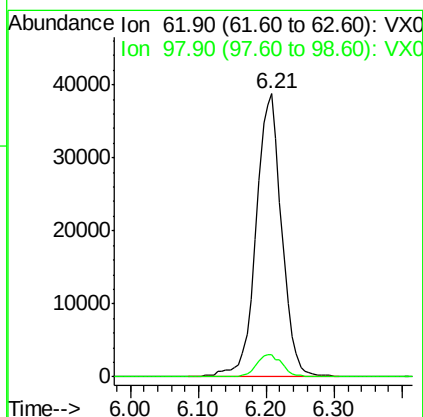
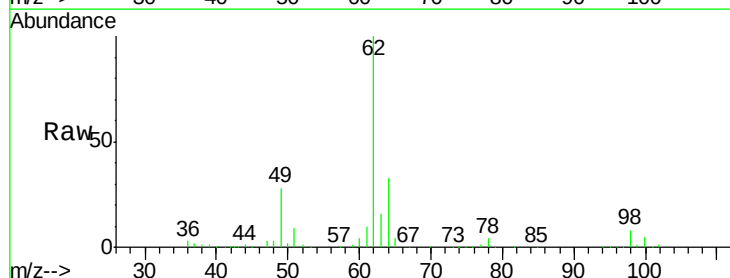
RT: 6.21 min Scan# 922

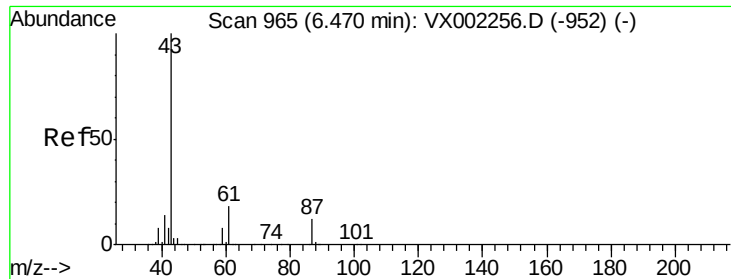
Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion:	62	Resp:	102009
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.171 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

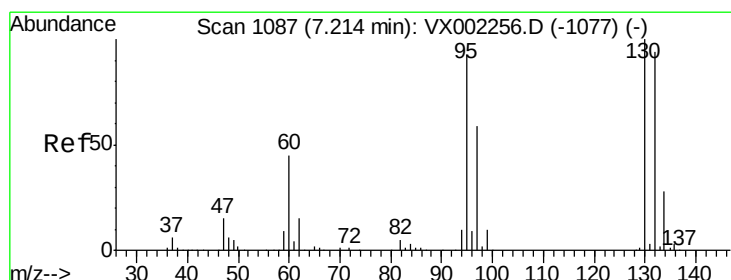
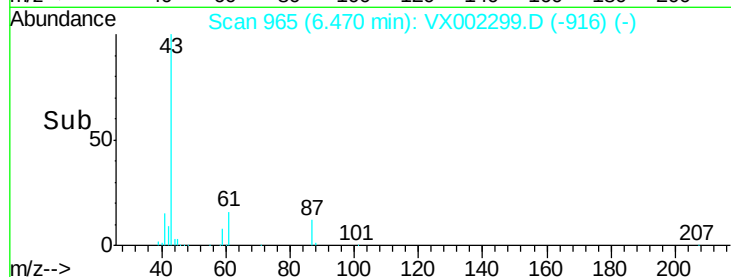
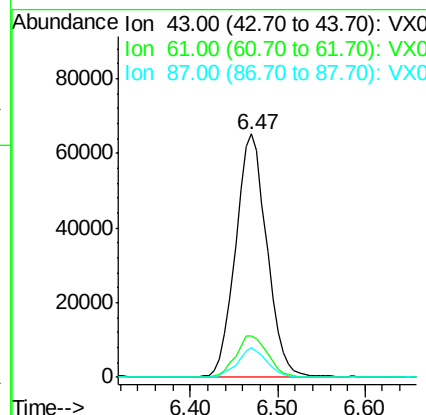
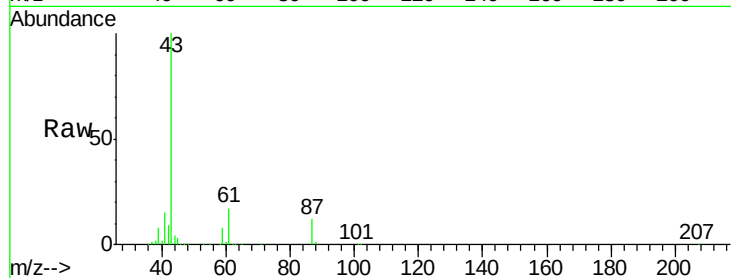
ClientSampleId :

VX0605WBSD01

Tot Ion:	43	Resp:	161464
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.4	21.6
87	11.6	9.5	14.3

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#44

Trichloroethene

Concen: 20.544 ug/l

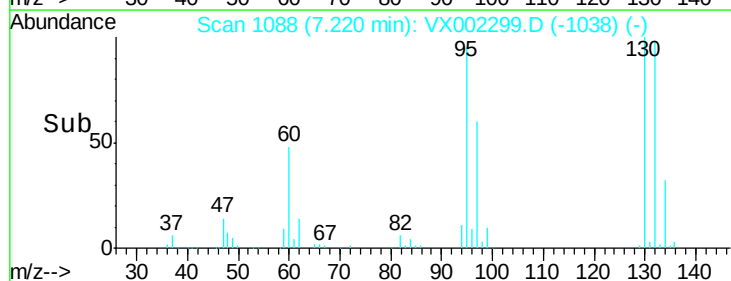
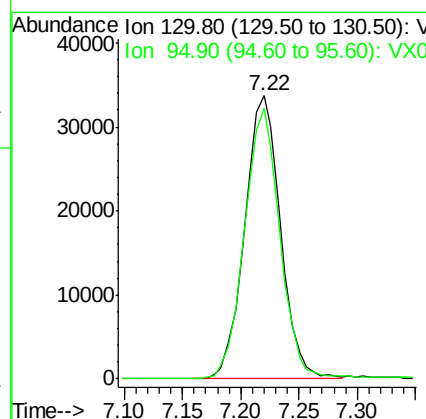
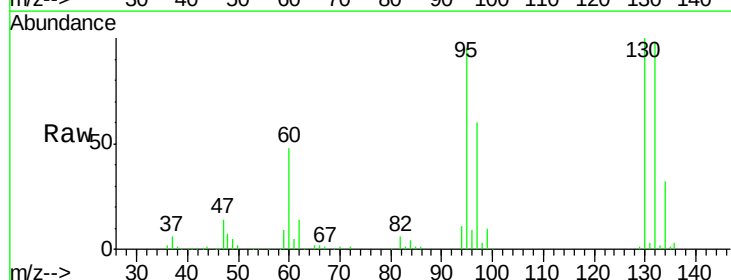
RT: 7.22 min Scan# 1088

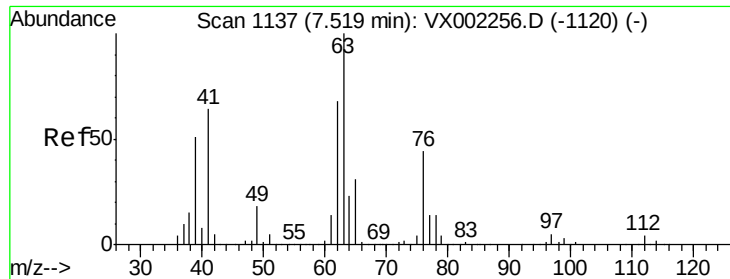
Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion:	130	Resp:	72085
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	185.4





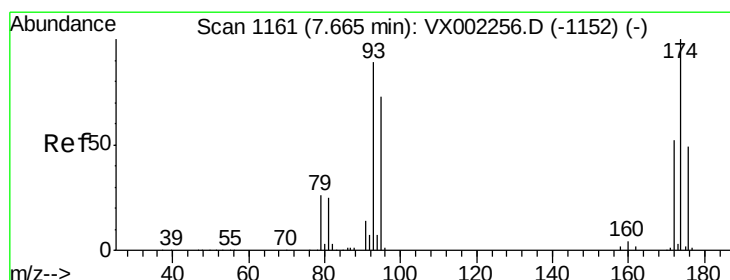
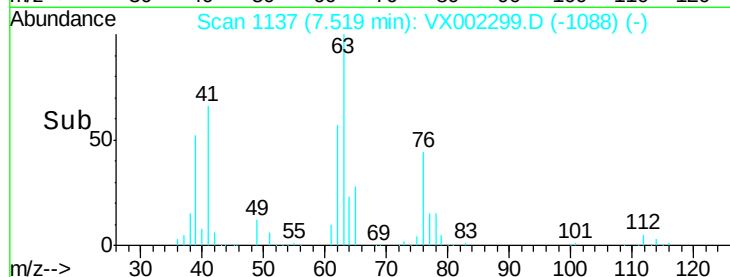
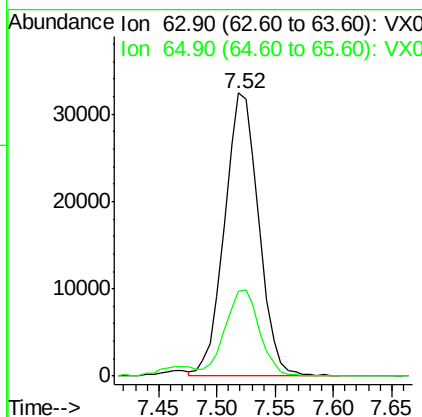
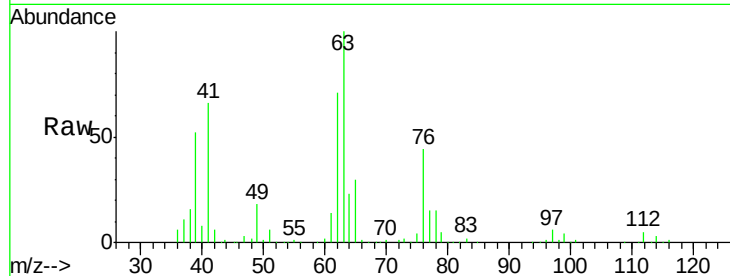
#45
 1,2-Dichloropropane
 Concen: 19.284 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion: 63 Resp: 65818
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1

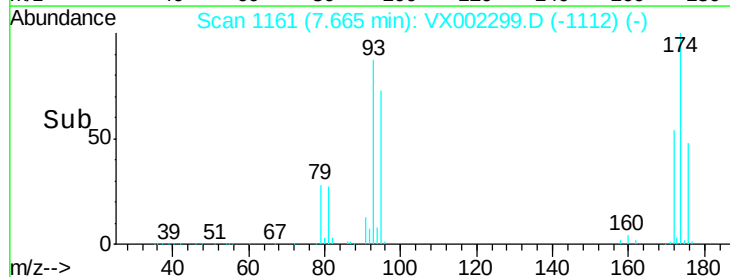
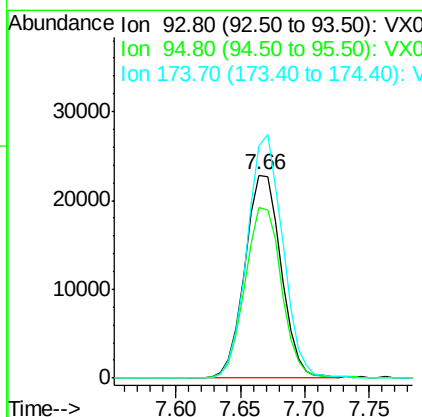
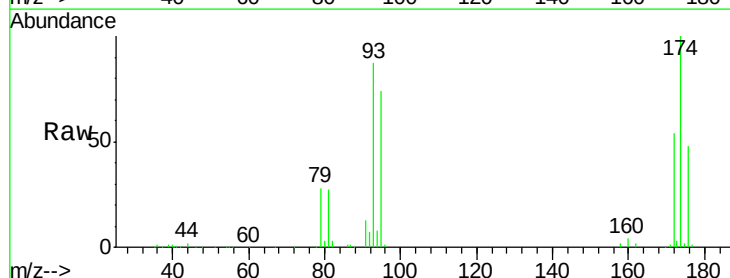
Manual Integrations
 APPROVED

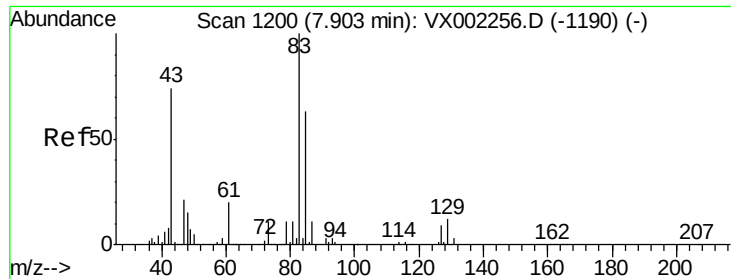
MMDadoda
 6/6/2018 4:10:42 PM



#46
 Dibromomethane
 Concen: 19.218 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion: 93 Resp: 44464
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.9 98.9
 174 117.3 92.4 138.6





#47

Bromodichloromethane

Concen: 18.798 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

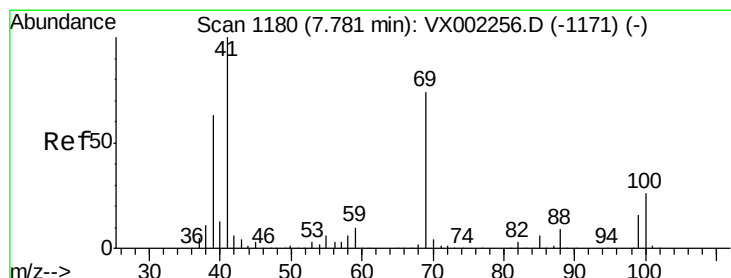
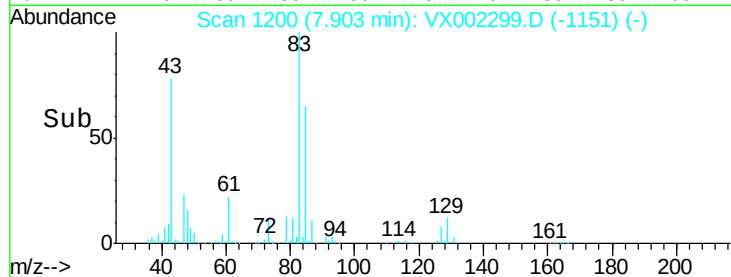
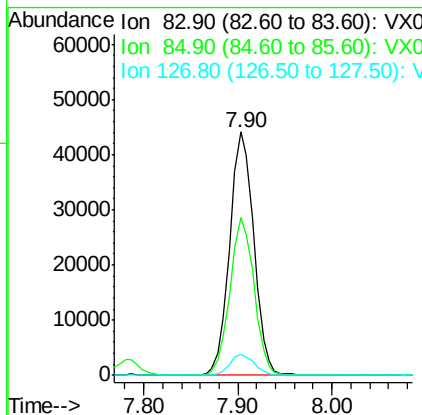
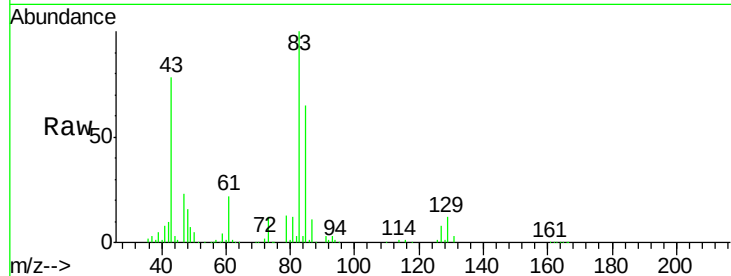
ClientSampleId :

VX0605WBSD01

Tot Ion:	83	Resp:	78663
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5
127	8.4	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#48

Methyl methacrylate

Concen: 19.510 ug/l

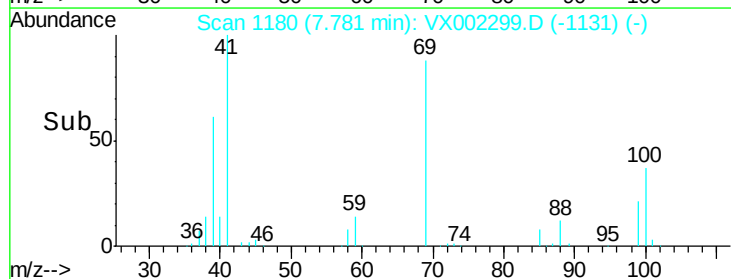
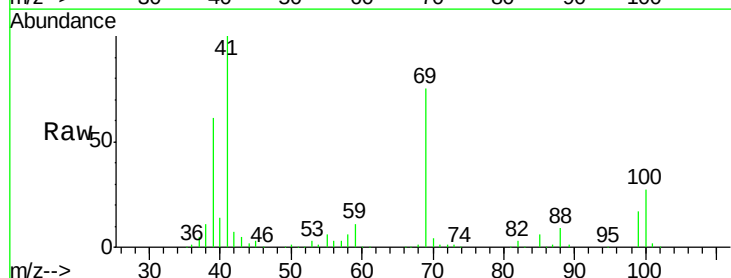
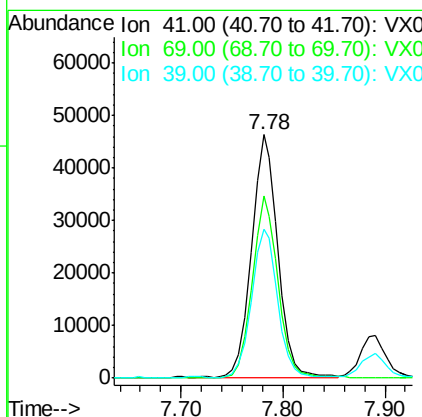
RT: 7.78 min Scan# 1180

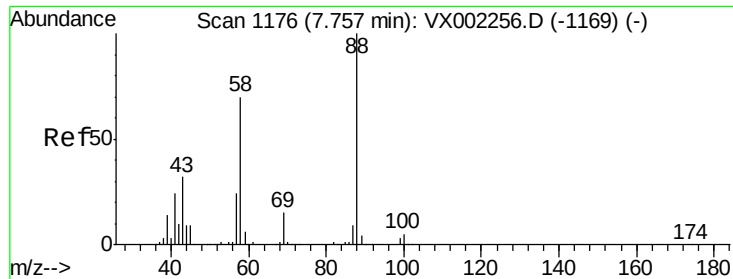
Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion:	41	Resp:	82540
Ion	Ratio	Lower	Upper
41	100		
69	74.2	59.1	88.7
39	60.9	48.9	73.3





#49

1,4-Dioxane

Concen: 411.836 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

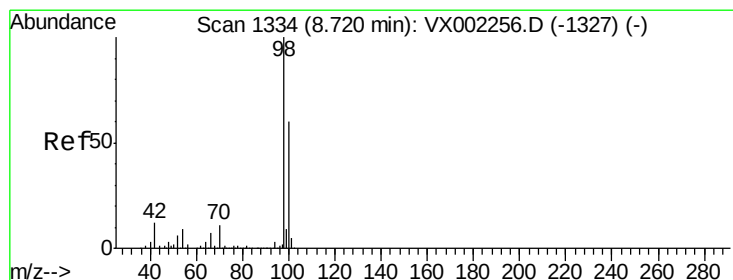
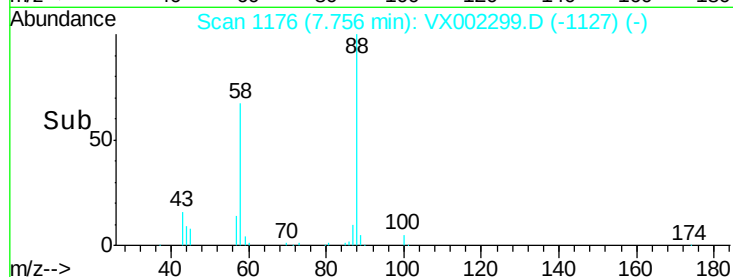
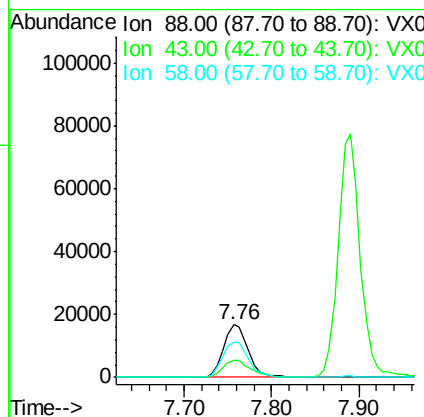
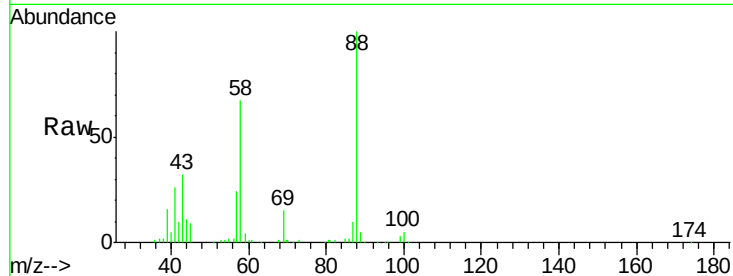
ClientSampleID :

VX0605WBSD01

Tot Ion:	88	Resp:	32577
Ion	Ratio	Lower	Upper
88	100		
43	35.4	29.8	44.6
58	72.4	57.1	85.7

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#50

Toluene-d8

Concen: 46.392 ug/l

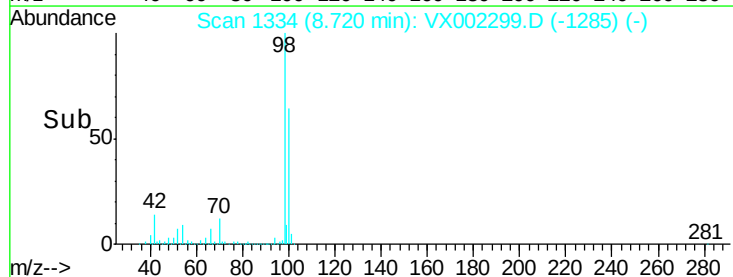
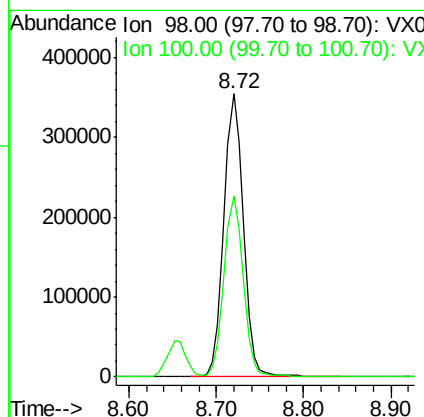
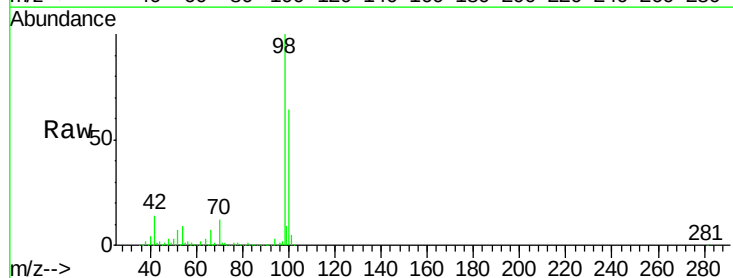
RT: 8.72 min Scan# 1334

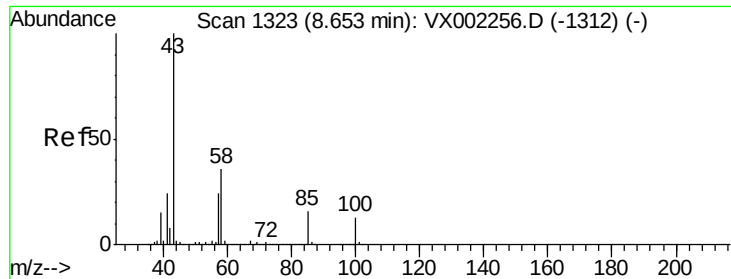
Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion:	98	Resp:	548446
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 97.872 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 43 Resp: 513332

Ion Ratio Lower Upper

43 100

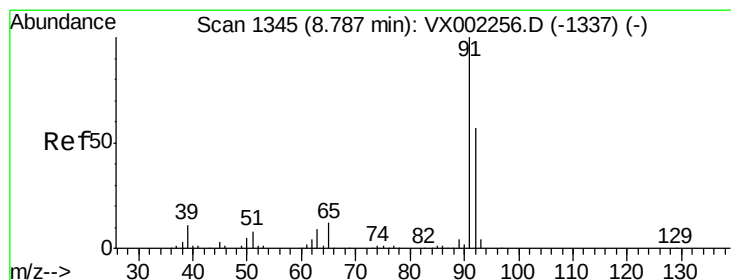
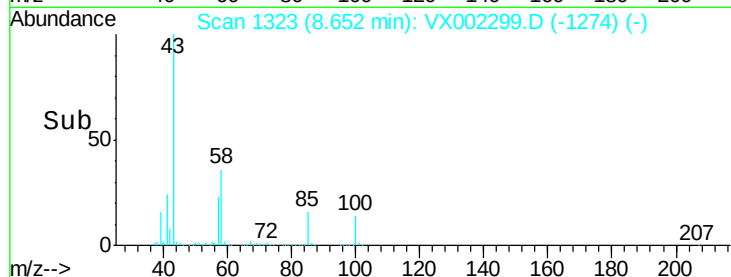
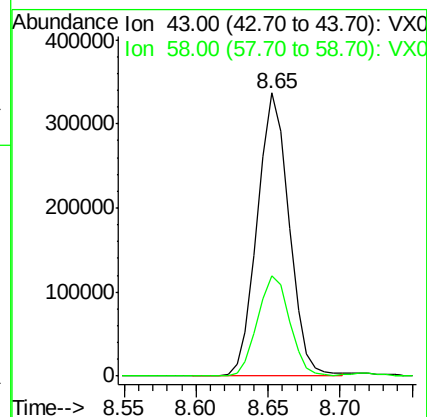
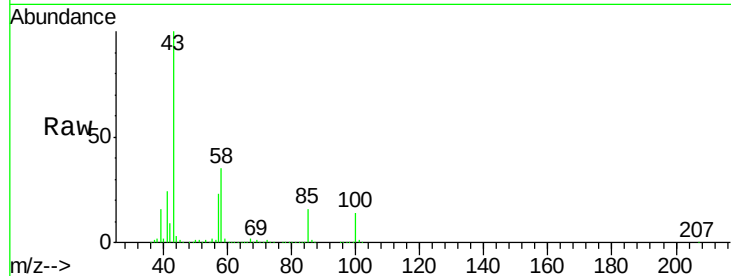
58 35.8 28.6 42.8

Manual Integrations

APPROVED

MMDadoda

6/6/2018 4:10:42 PM



#52

Toluene

Concen: 20.550 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002299.D

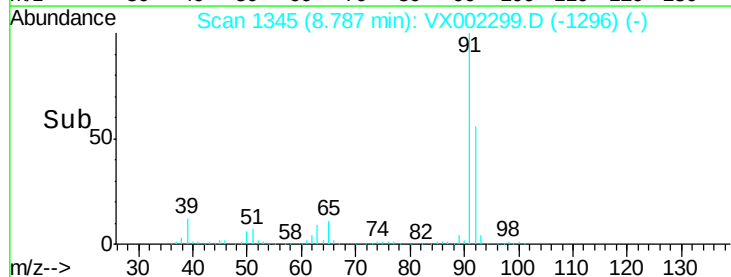
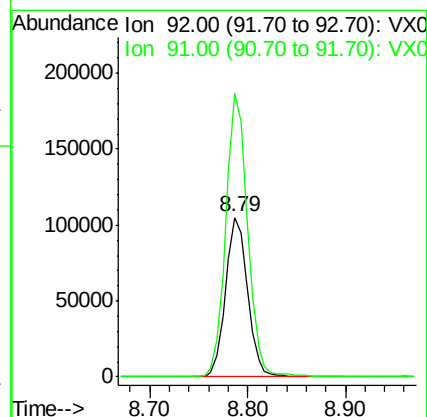
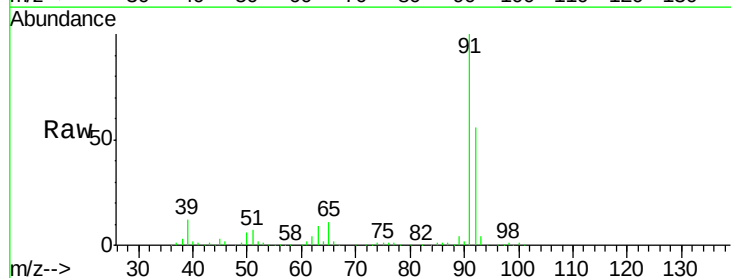
Acq: 05 Jun 2018 12:25

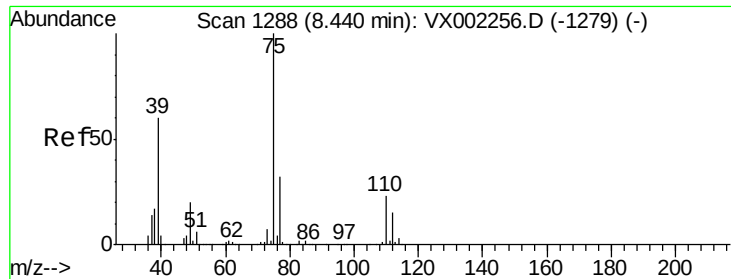
Tgt Ion: 92 Resp: 165234

Ion Ratio Lower Upper

92 100

91 175.3 140.4 210.6





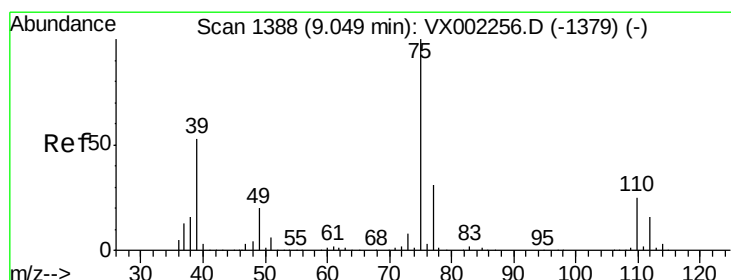
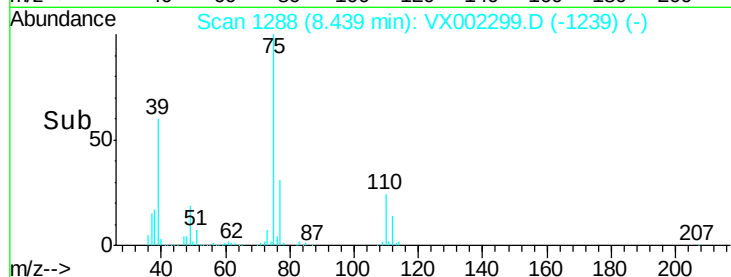
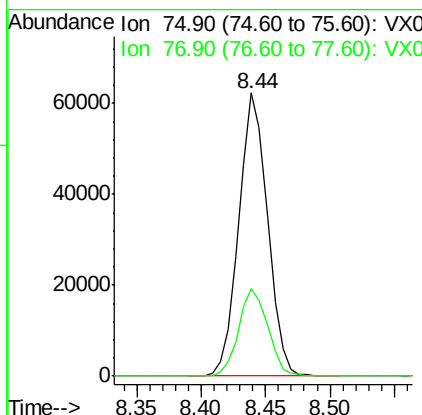
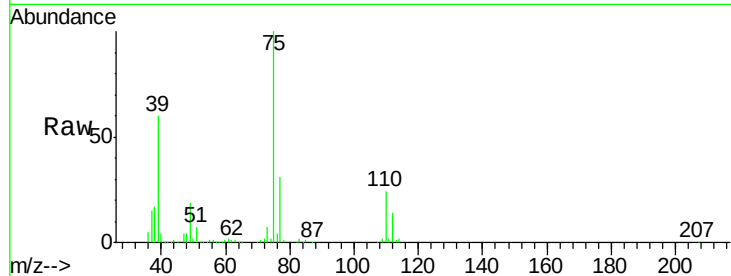
#53
t-1,3-Dichloropropene
Concen: 19.257 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD01

Tot Ion: 75 Resp: 96635
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

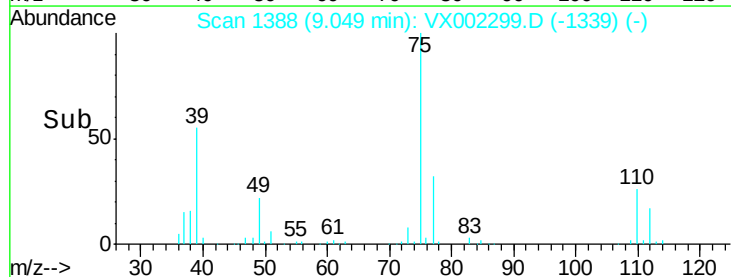
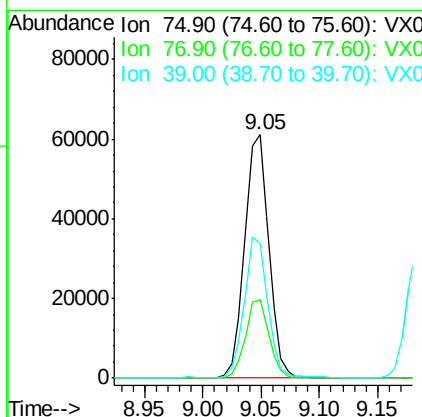
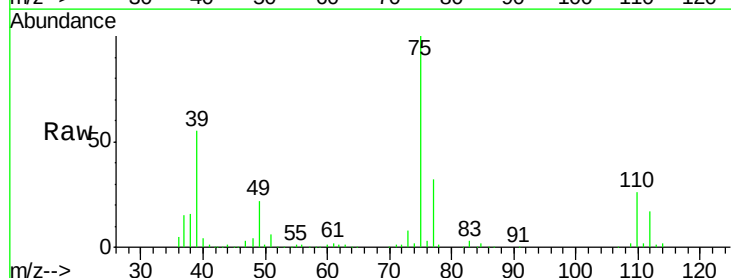
Manual Integrations
APPROVED

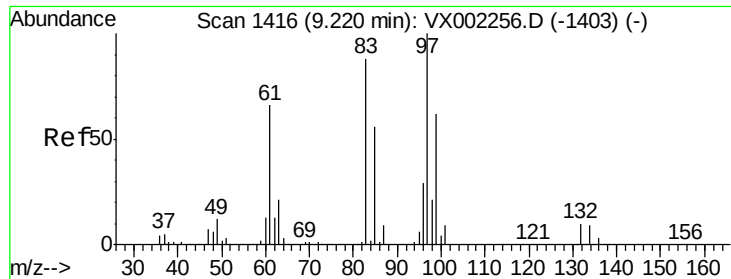
MMDadoda
6/6/2018 4:10:42 PM



#54
cis-1,3-Dichloropropene
Concen: 18.824 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 75 Resp: 89119
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 55.0 42.4 63.6





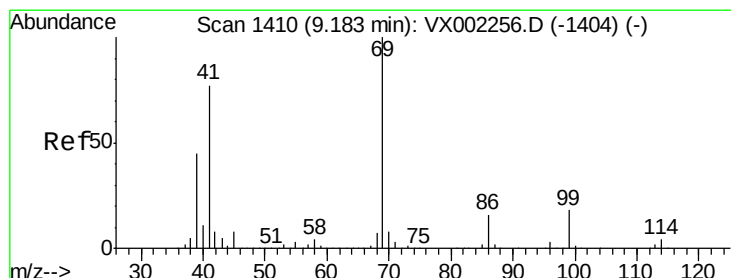
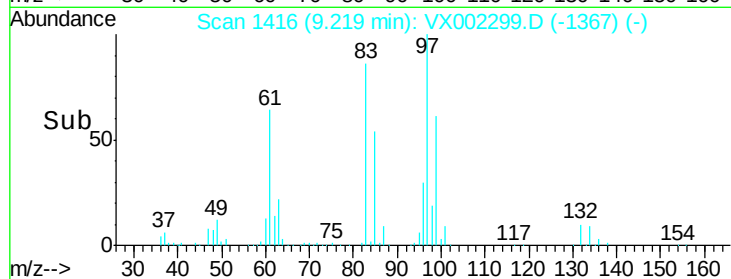
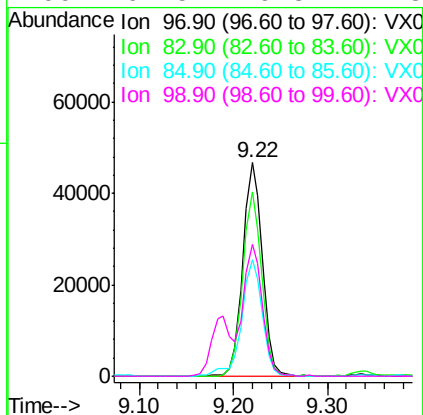
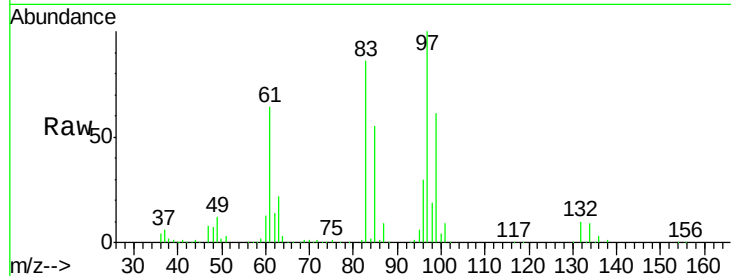
#55
 1,1,2-Trichloroethane
 Concen: 20.532 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBSD01

Tot Ion:	97	Resp:	67900
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.2
85	54.6	44.9	67.3
99	61.5	49.8	74.8

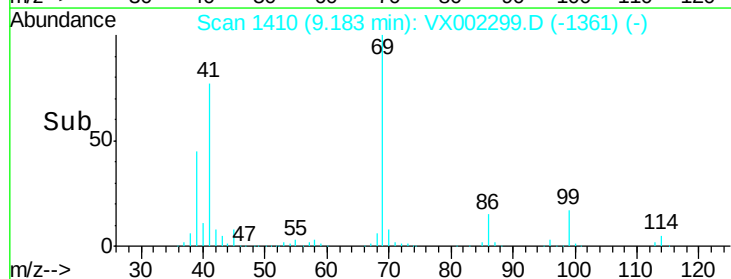
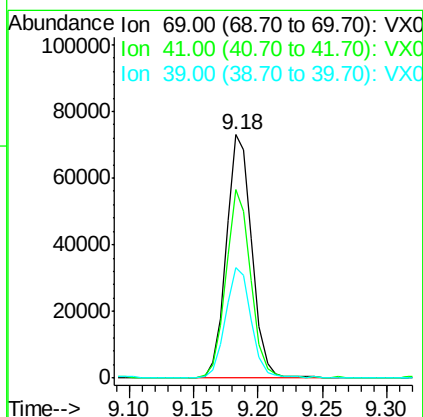
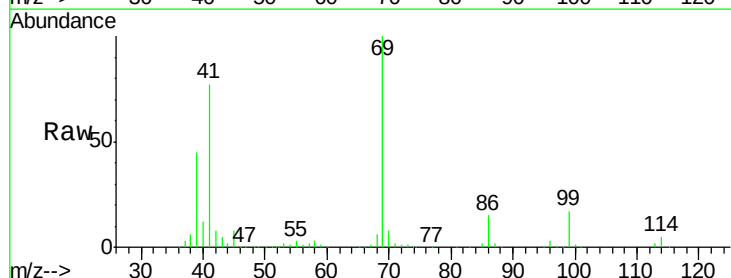
Manual Integrations
 APPROVED

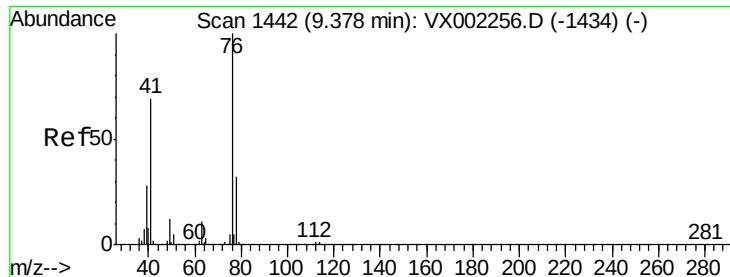
MMDadoda
 6/6/2018 4:10:42 PM



#56
 Ethyl methacrylate
 Concen: 19.300 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion:	69	Resp:	101903
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	45.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.969 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 76 Resp: 110793

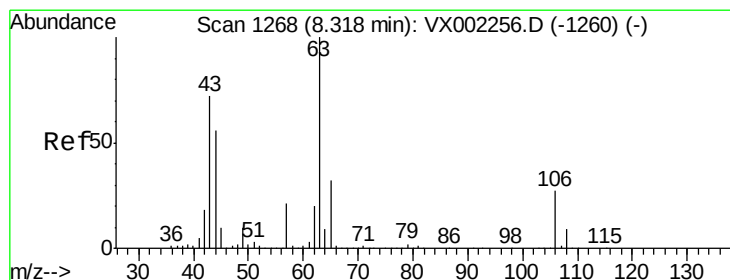
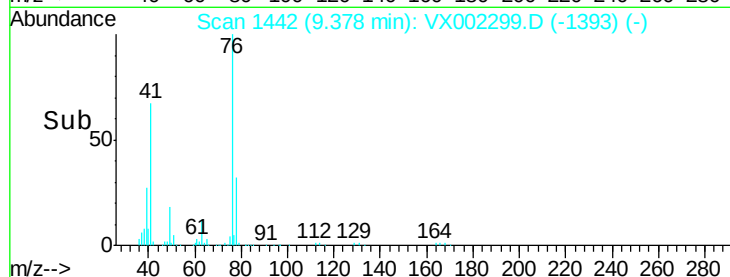
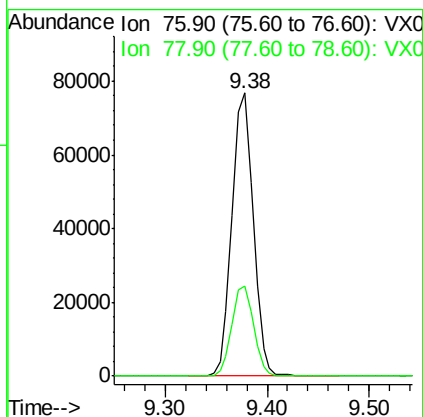
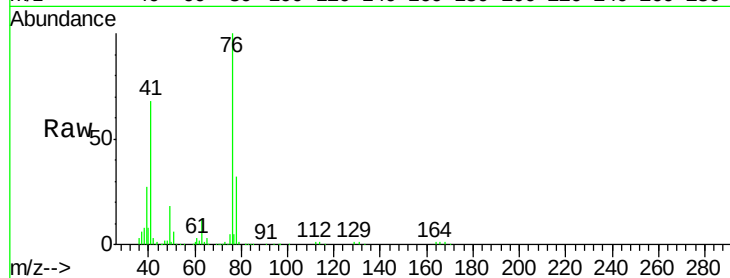
Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#58

2-Chloroethyl Vinyl ether

Concen: 99.050 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002299.D

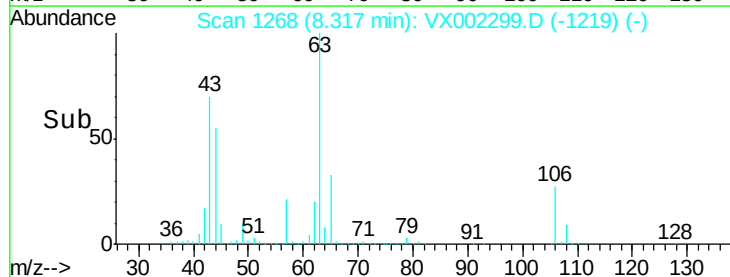
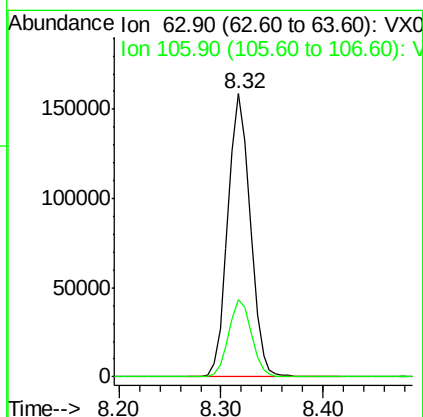
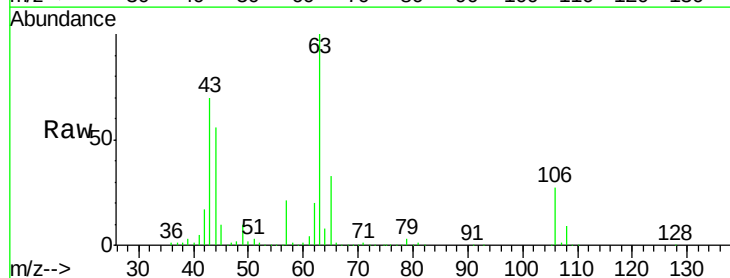
Acq: 05 Jun 2018 12:25

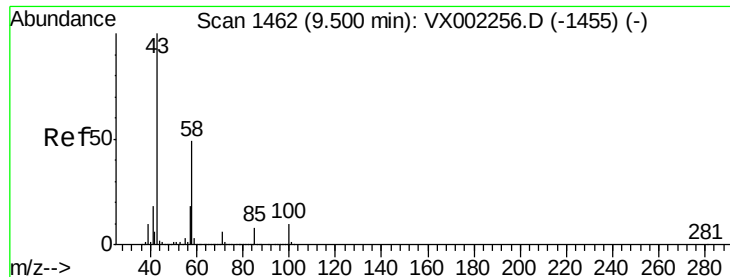
Tgt Ion: 63 Resp: 242052

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8





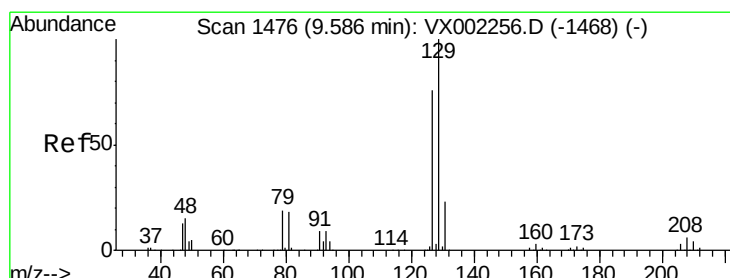
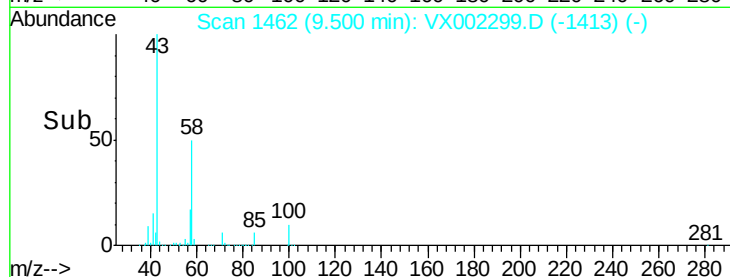
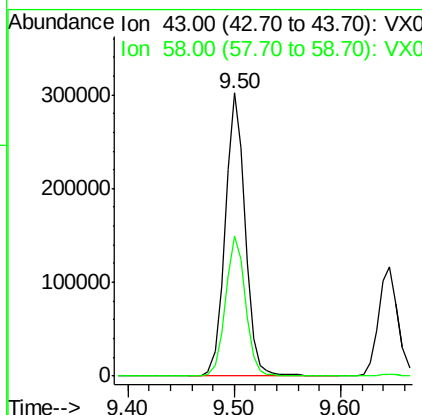
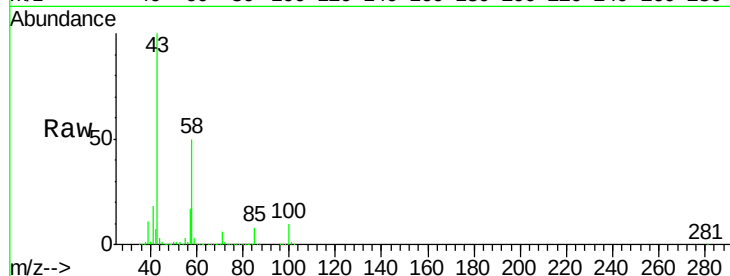
#59
2-Hexanone
Concen: 97.891 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	43	Resp	396578
Ion Ratio	43	100	
Lower	58	49.9	24.6
Upper			73.6

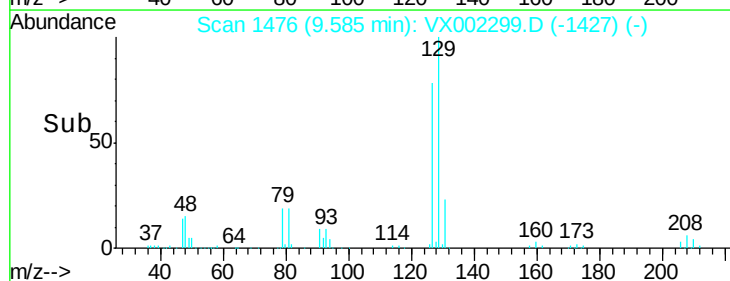
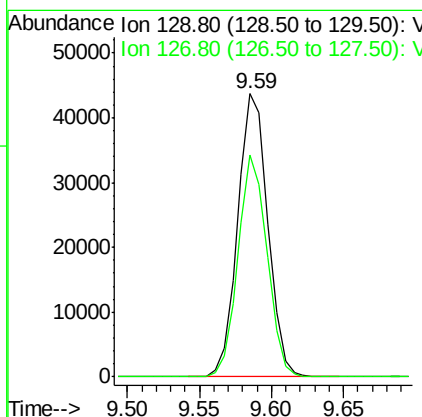
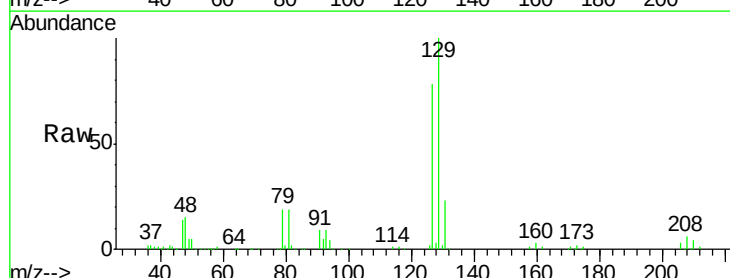
Manual Integrations
APPROVED

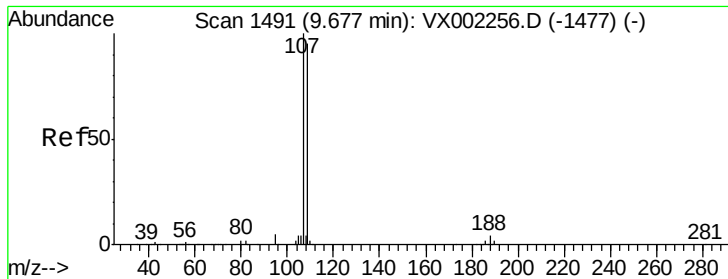
MMDadoda
6/6/2018 4:10:42 PM



#60
Dibromochloromethane
Concen: 19.060 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	129	Resp	63402
Ion Ratio	129	100	
Lower	127	76.0	38.5
Upper			115.3





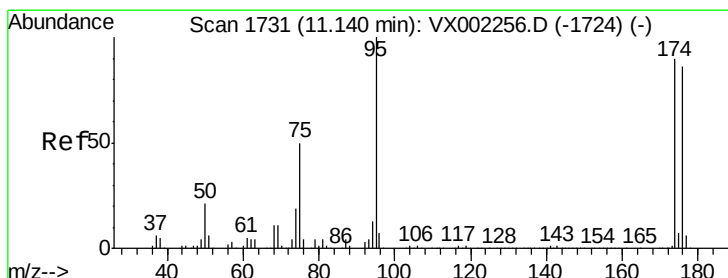
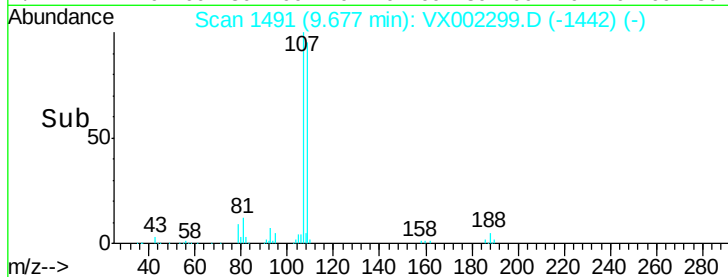
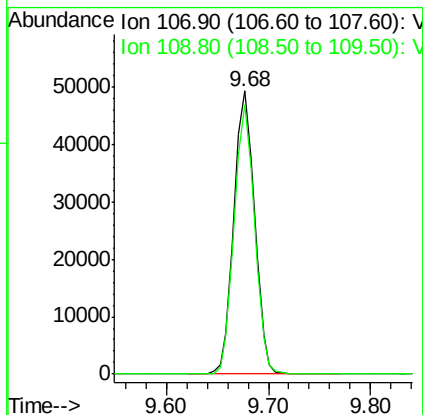
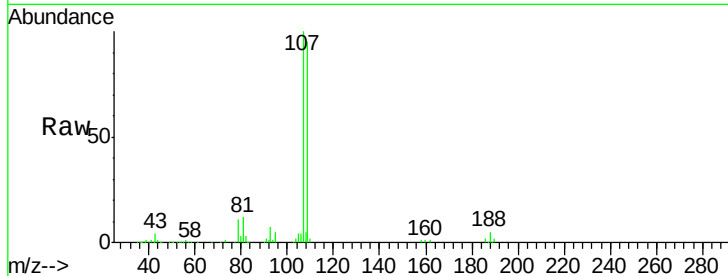
#61
 1,2-Dibromoethane
 Concen: 20.114 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion:107 Resp: 69357
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.3 112.9

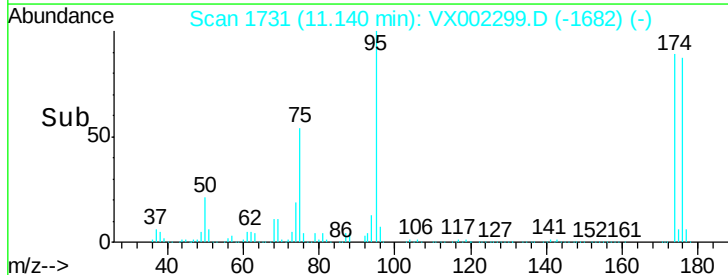
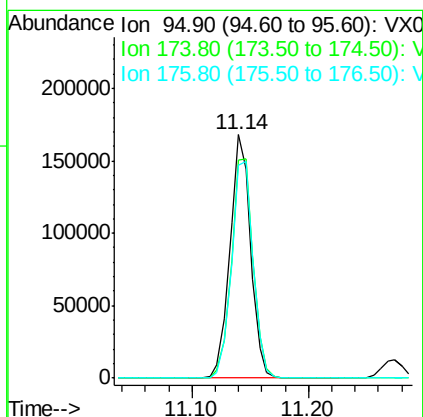
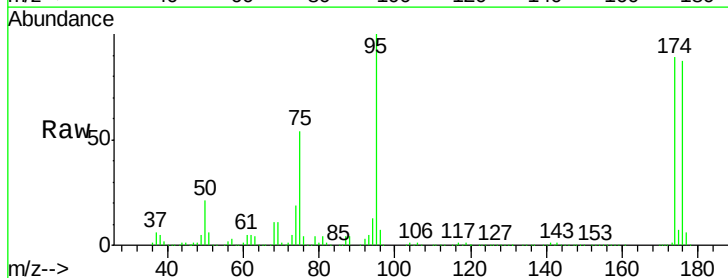
Manual Integrations
 APPROVED

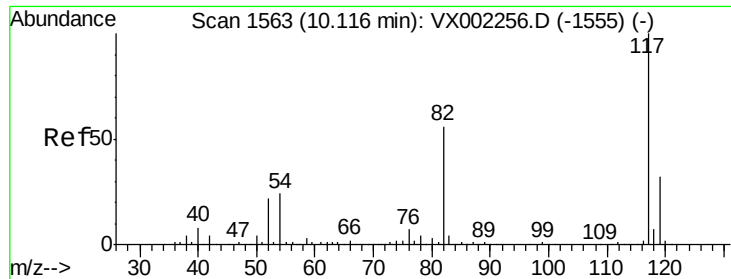
MMDadoda
 6/6/2018 4:10:42 PM



#62
 4-Bromofluorobenzene
 Concen: 45.553 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion: 95 Resp: 207667
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 187.4
 176 93.1 0.0 181.0





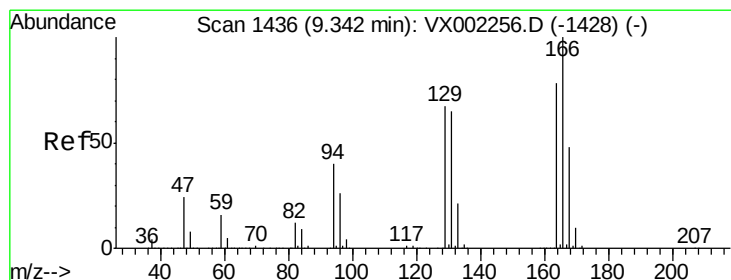
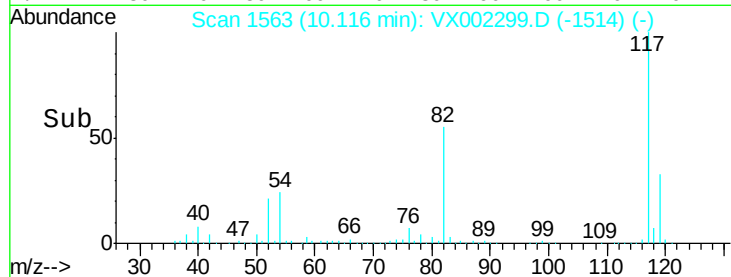
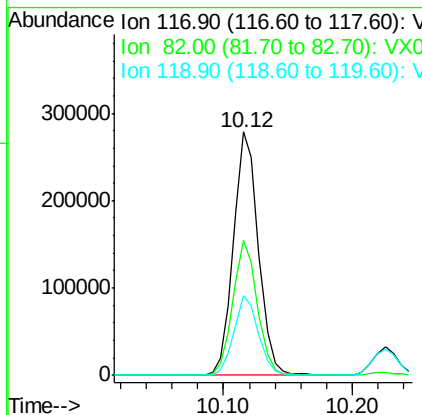
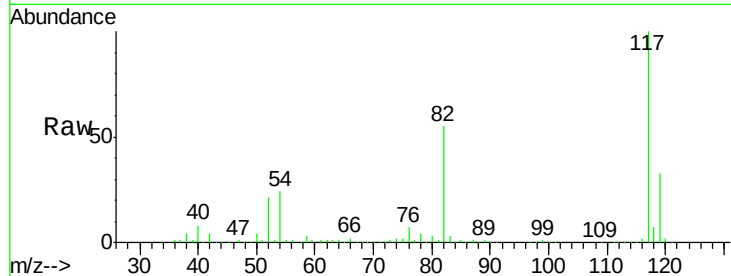
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.0	67.4
119	32.7	25.8	38.6

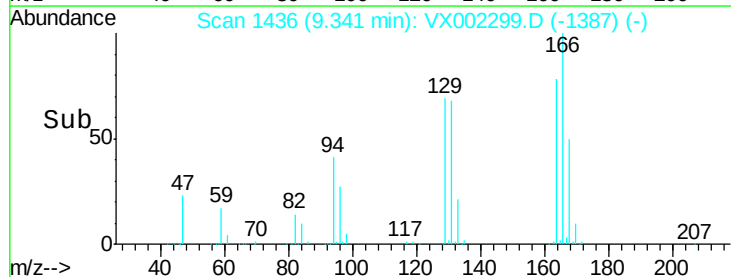
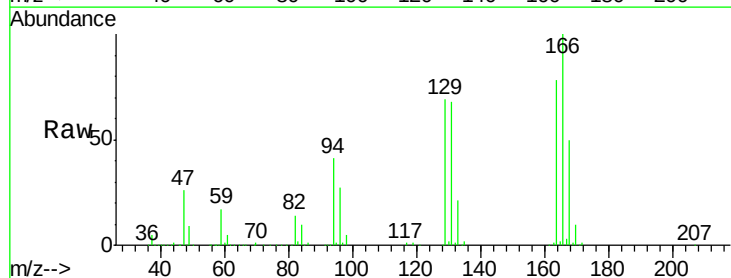
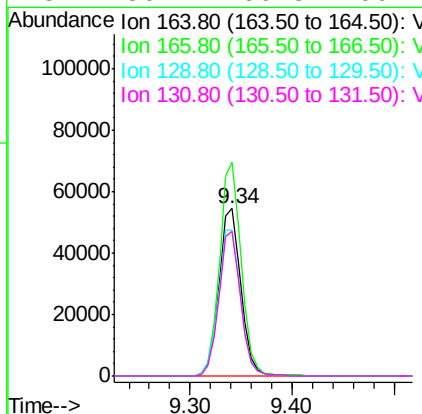
Manual Integrations
APPROVED

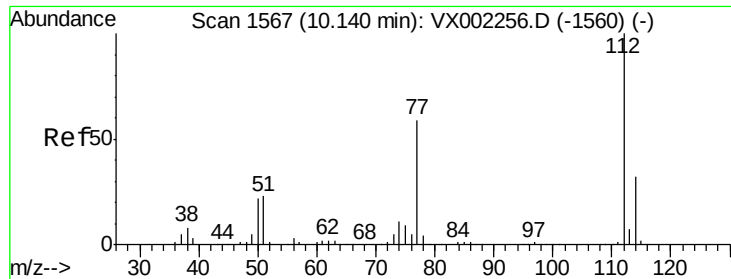
MMDadoda
6/6/2018 4:10:42 PM



#64
Tetrachloroethene
Concen: 21.159 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.9	154.3
129	87.5	68.6	102.8
131	86.2	66.8	100.2





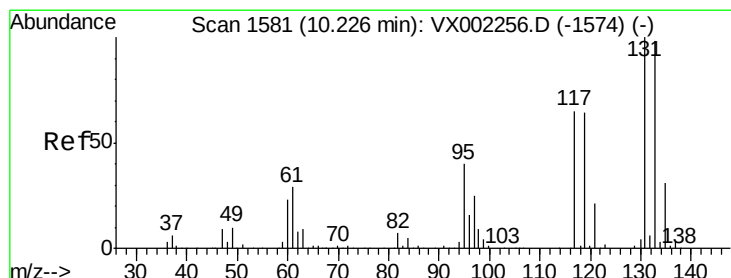
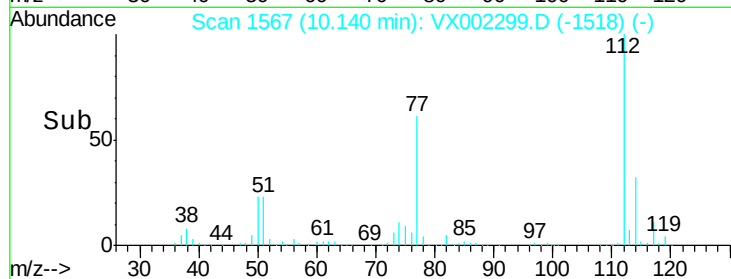
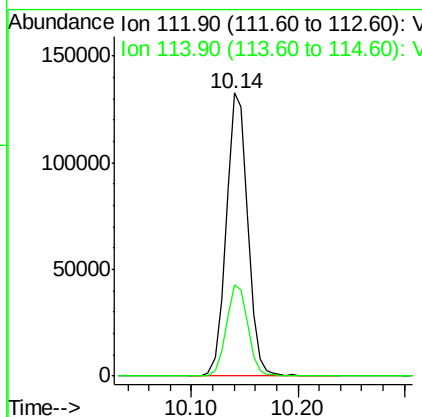
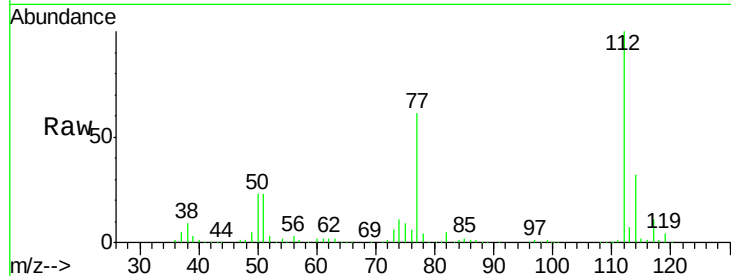
#65
Chlorobenzene
Concen: 19.945 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD01

Tot Ion:112 Resp: 187234
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

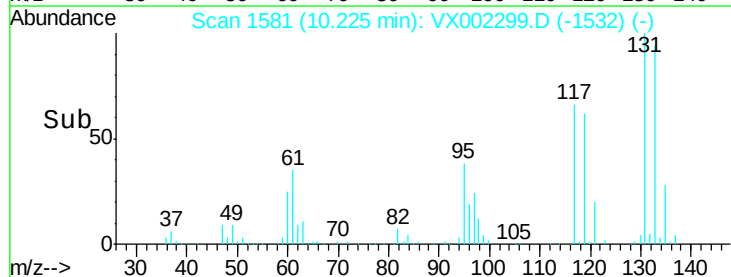
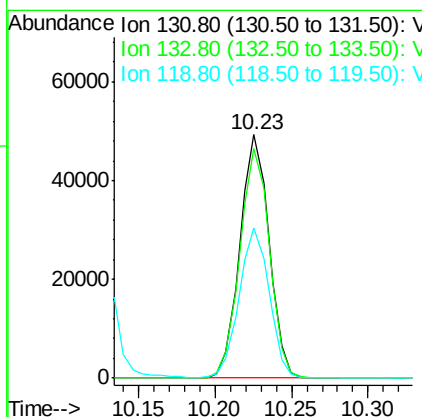
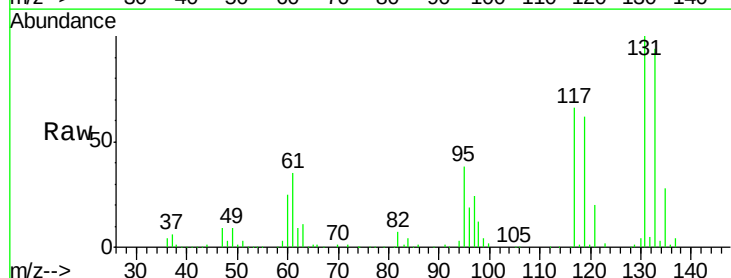
Manual Integrations
APPROVED

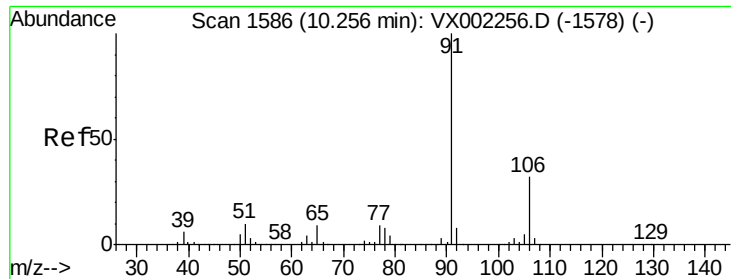
MMDadoda
6/6/2018 4:10:42 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.213 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion:131 Resp: 65308
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 63.7 31.8 95.3





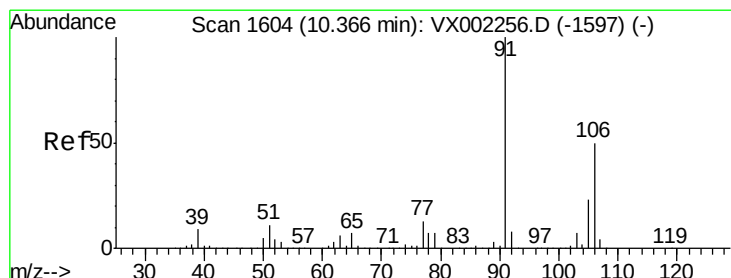
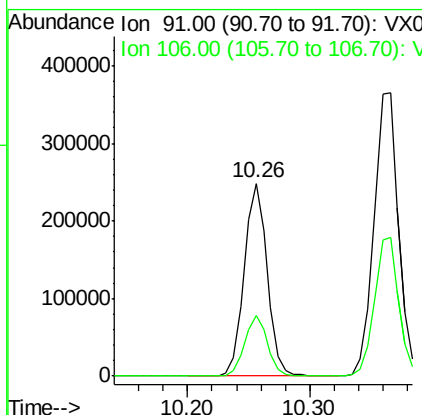
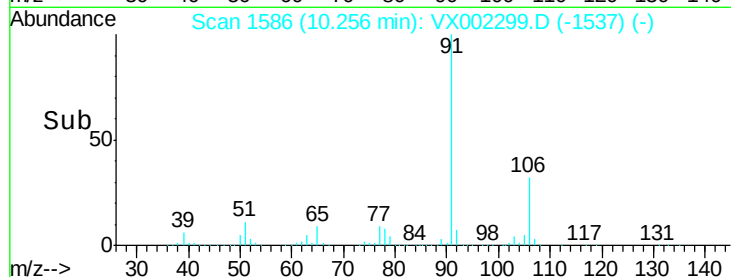
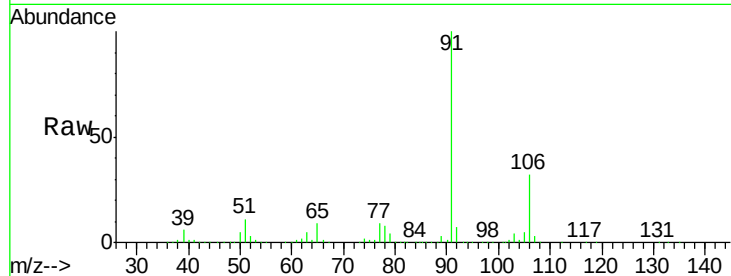
#67
Ethyl Benzene
Concen: 20.548 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion: 91 Resp: 322817
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

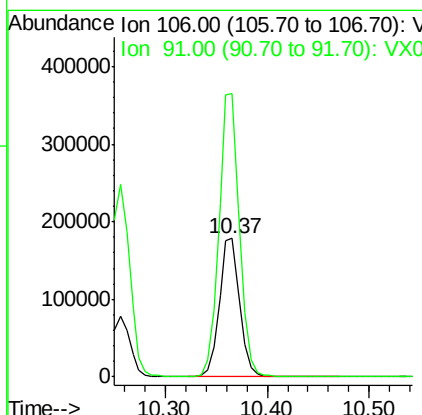
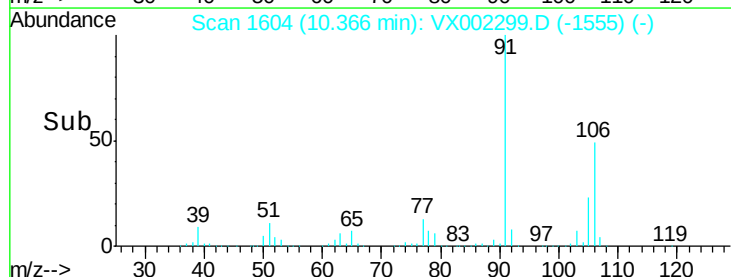
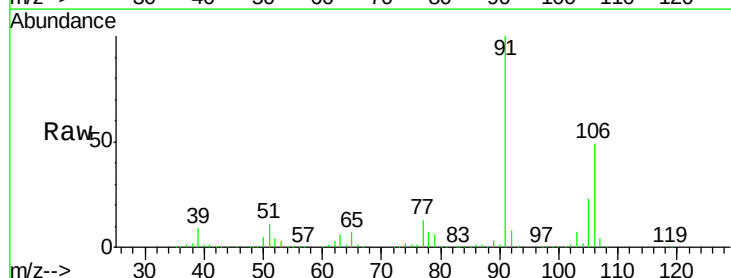
Manual Integrations
APPROVED

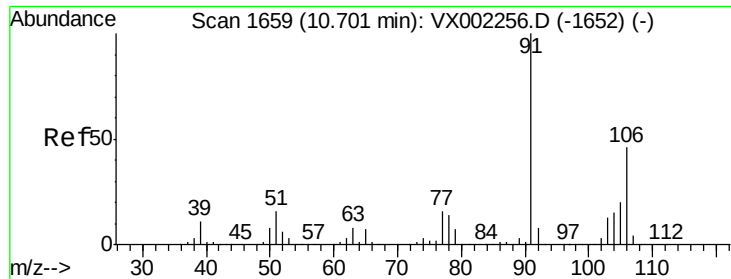
MMDadoda
6/6/2018 4:10:42 PM



#68
m/p-Xylenes
Concen: 40.658 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 106 Resp: 248299
Ion Ratio Lower Upper
106 100
91 206.6 163.4 245.2





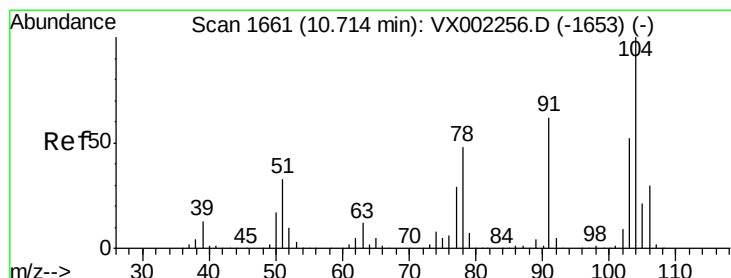
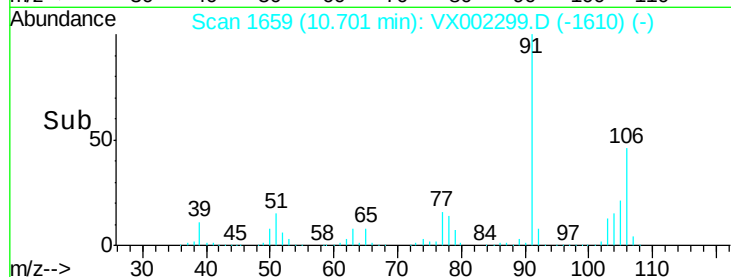
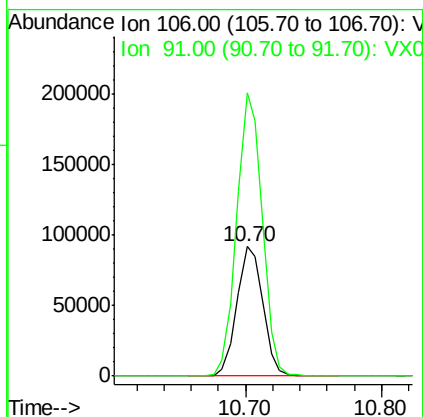
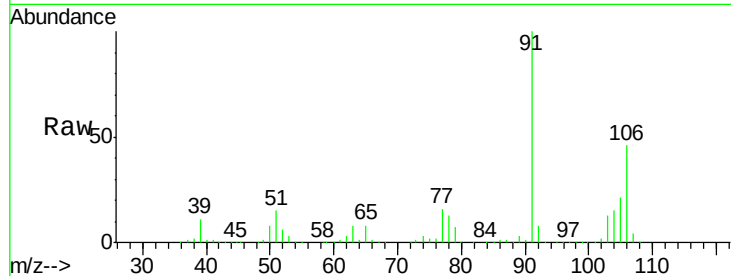
#69
o-Xylene
Concen: 20.068 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion:106 Resp: 121963
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6

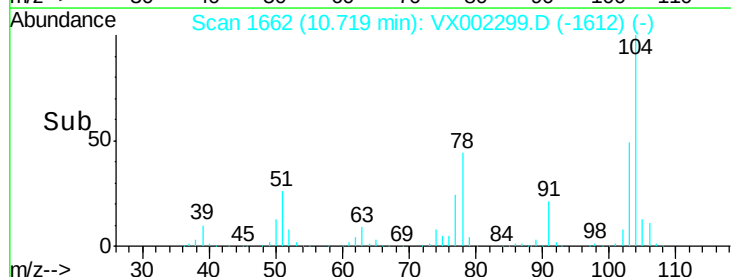
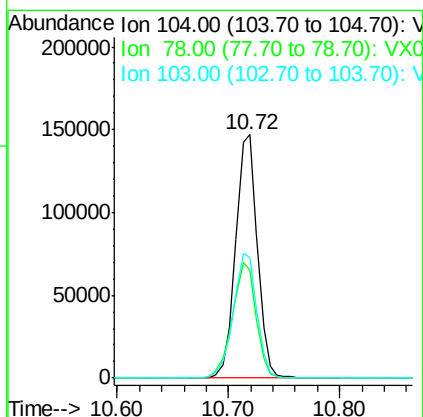
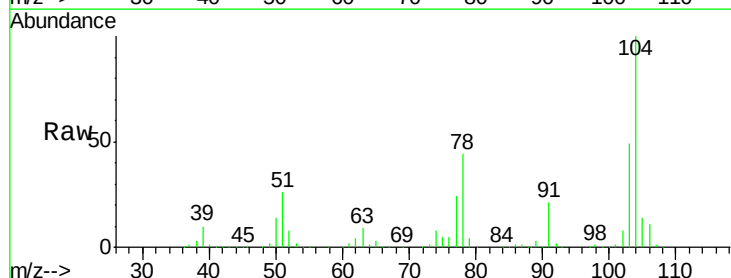
Manual Integrations
APPROVED

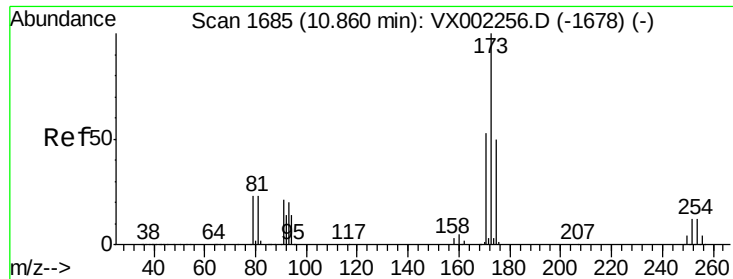
MMDadoda
6/6/2018 4:10:42 PM



#70
Styrene
Concen: 20.050 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion:104 Resp: 199203
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 17.639 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion:173 Resp: 46378

Ion Ratio Lower Upper

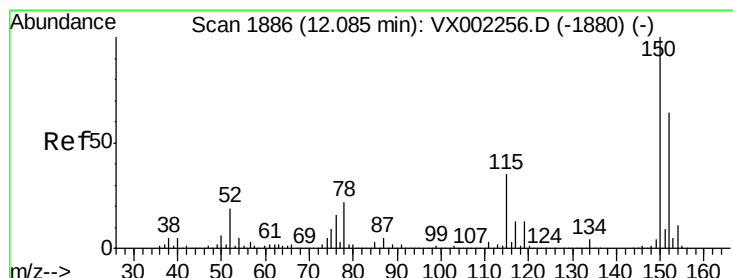
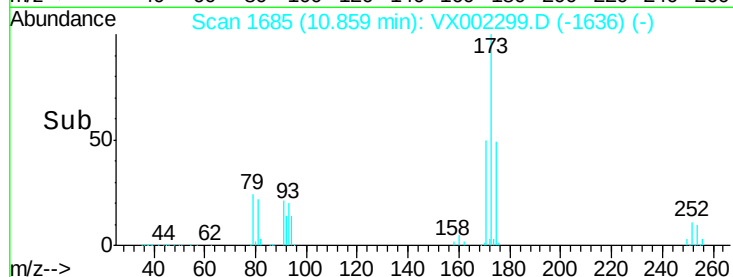
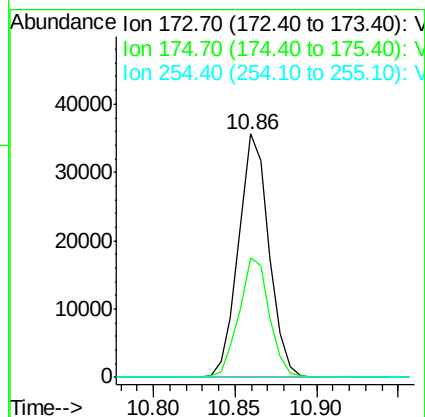
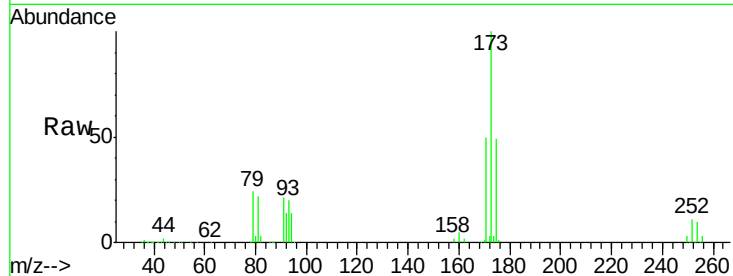
173 100

175 48.9 24.7 74.1

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

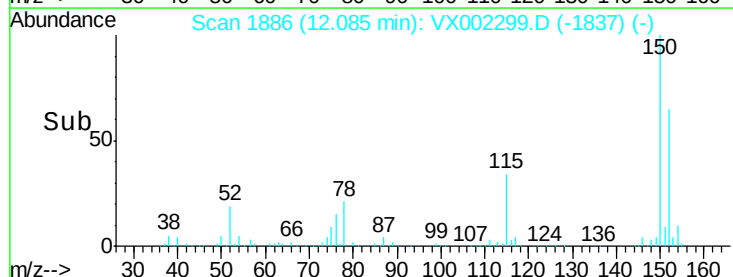
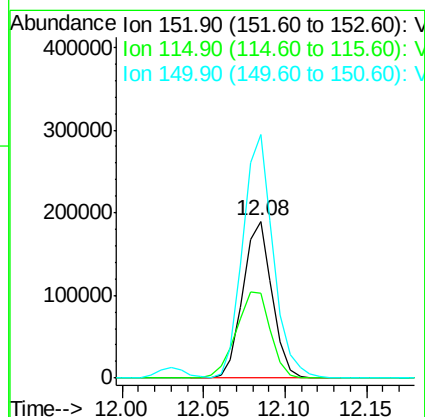
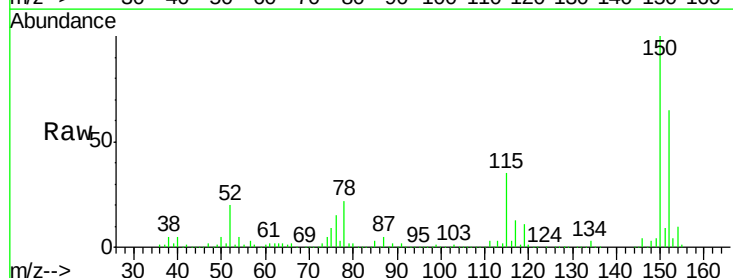
Tgt Ion:152 Resp: 235996

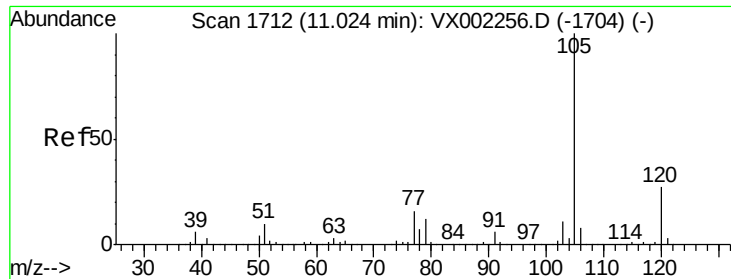
Ion Ratio Lower Upper

152 100

115 65.1 40.1 120.2

150 162.2 0.0 347.2





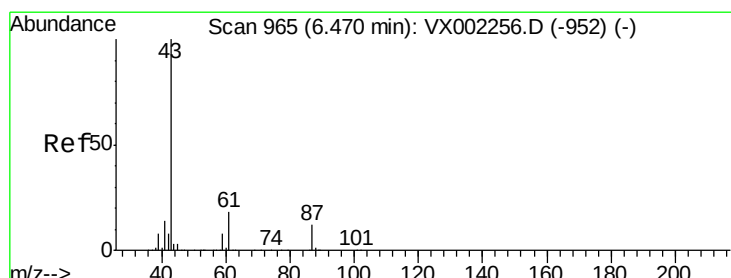
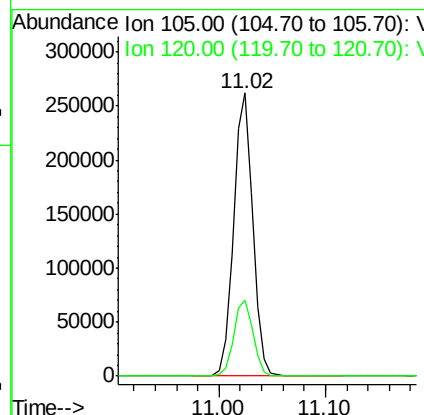
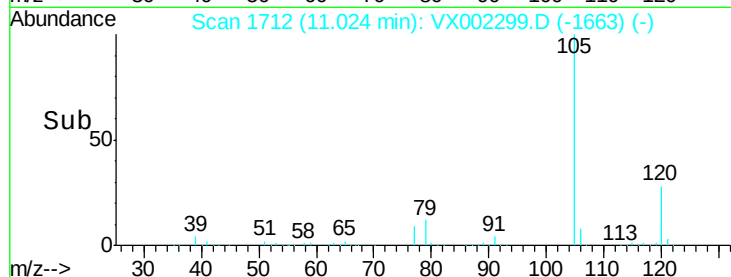
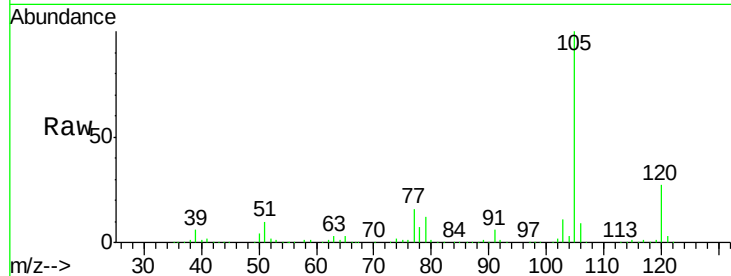
#73
Isopropylbenzene
Concen: 20.087 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion: 105 Resp: 329769
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

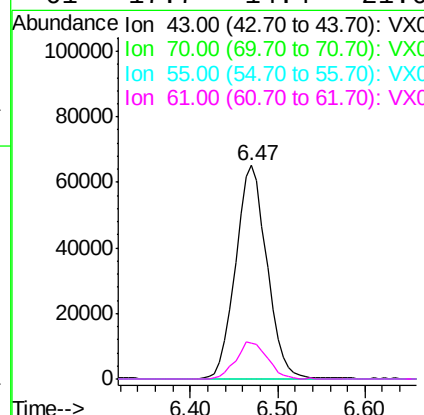
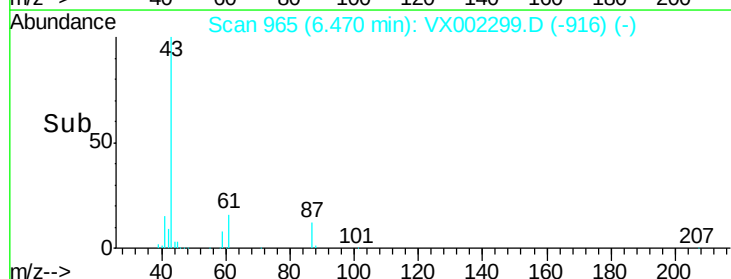
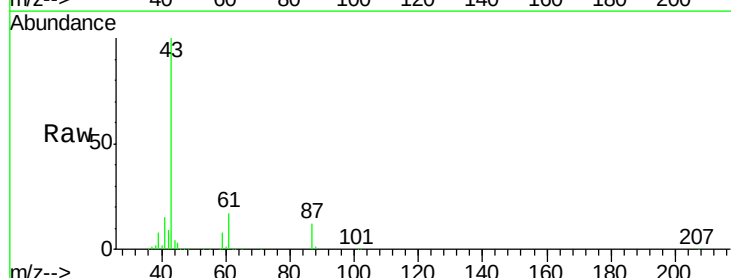
Manual Integrations
APPROVED

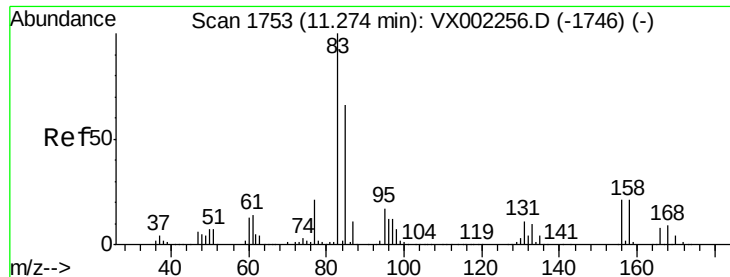
MMDadoda
6/6/2018 4:10:42 PM



#74
N-ethyl acetate
Concen: 18.253 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 43 Resp: 161464
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 17.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.646 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

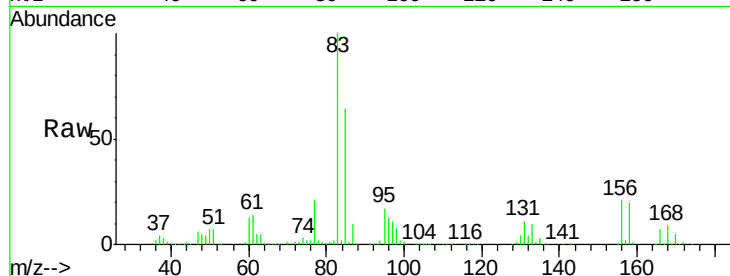
ClientSampled :

VX0605WBSD01

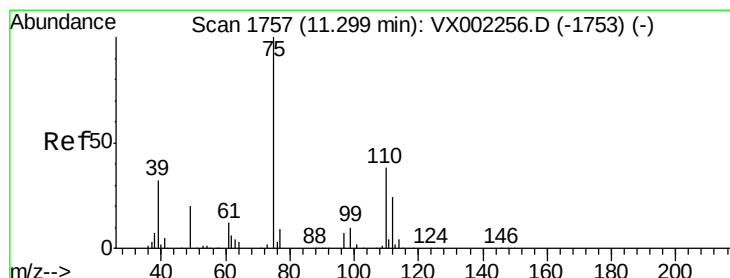
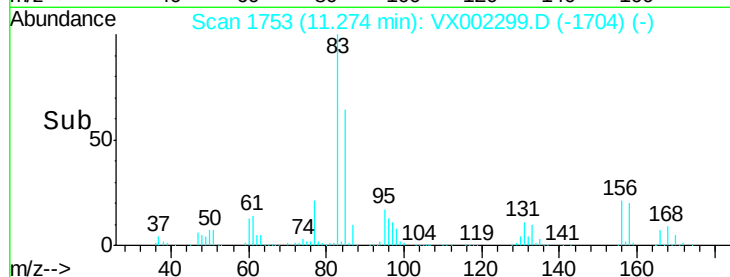
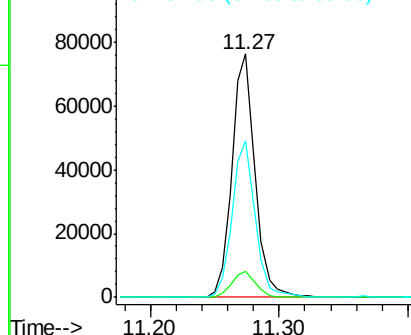
Tot Ion:	83	Resp:	96276
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.6	16.8
85	64.2	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



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



#76

1,2,3-Trichloropropane

Concen: 16.275 ug/l m

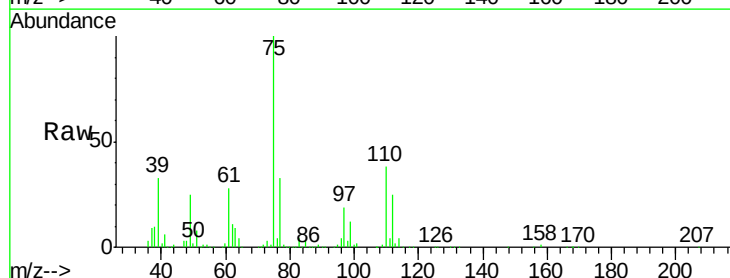
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

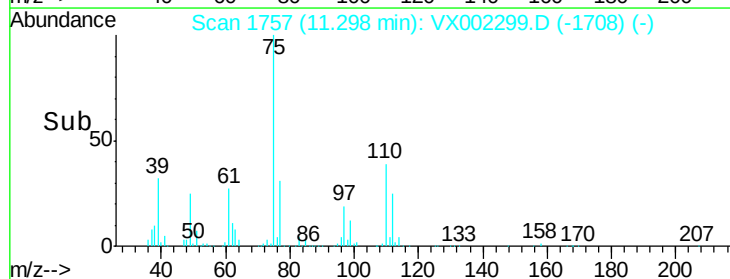
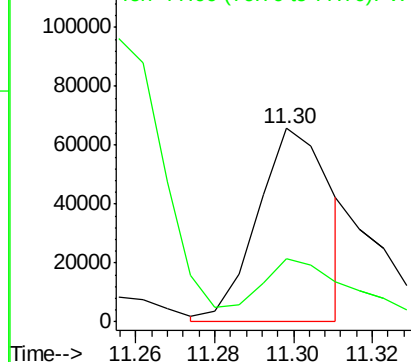
Lab File: VX002299.D

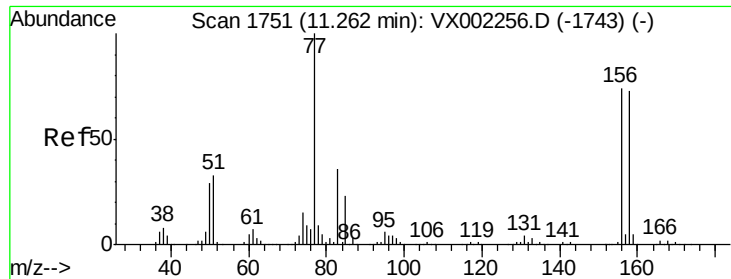
Acq: 05 Jun 2018 12:25

Tgt Ion:	75	Resp:	84277
Ion	Ratio	Lower	Upper
75	100		
77	42.3	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.542 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

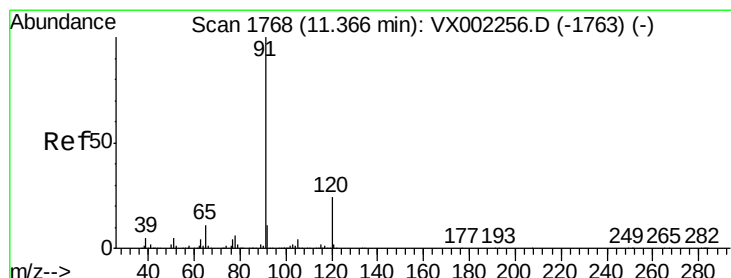
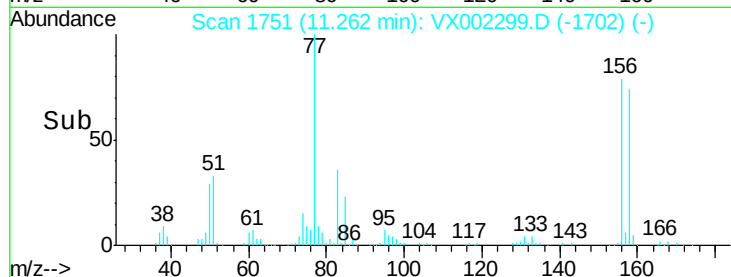
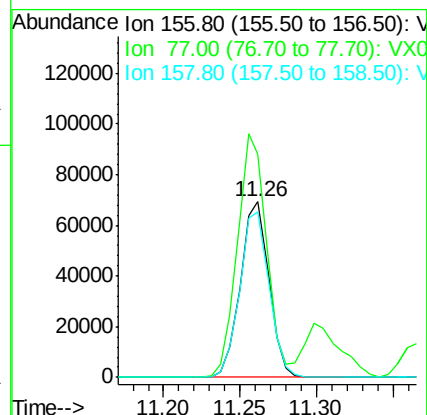
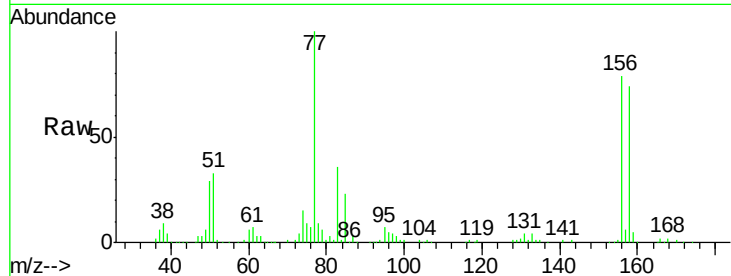
ClientSampleId :

VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	140.2	71.4	214.2
158	96.7	48.9	146.6

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#78

n-propylbenzene

Concen: 20.758 ug/l

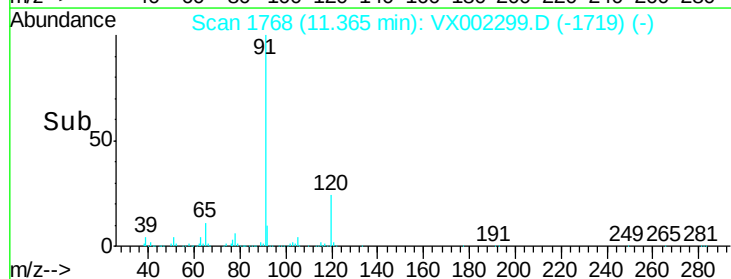
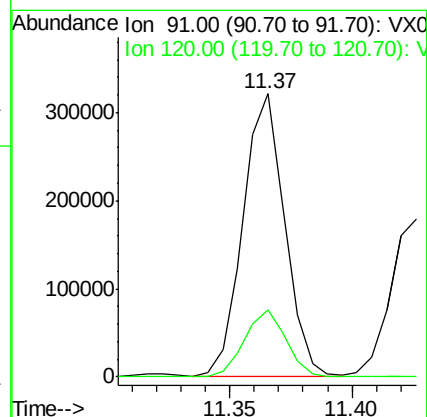
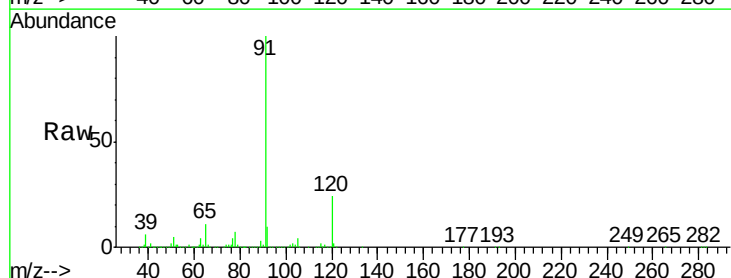
RT: 11.37 min Scan# 1768

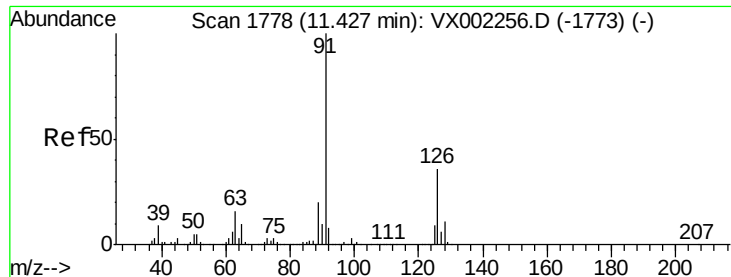
Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.328 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampled :

VX0605WBSD01

Tot Ion: 91 Resp: 222695

Ion Ratio Lower Upper

91 100

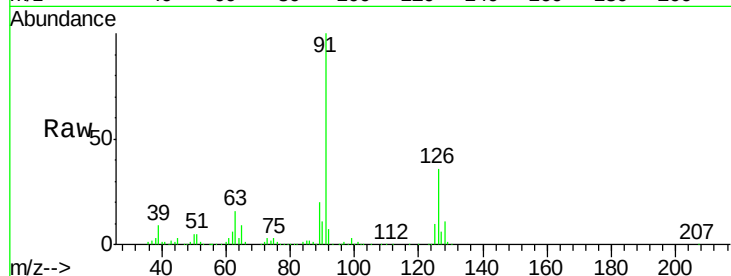
126 35.6 17.7 53.1

Manual Integrations

APPROVED

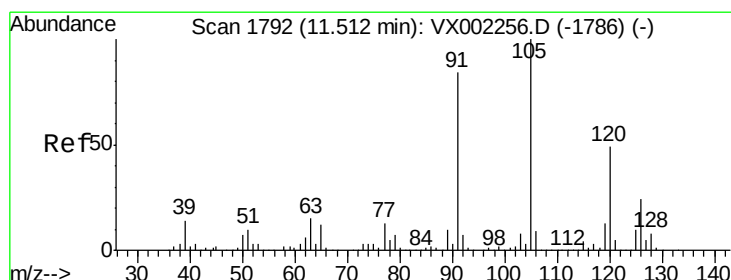
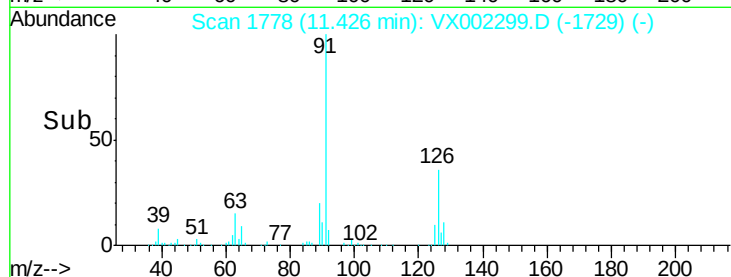
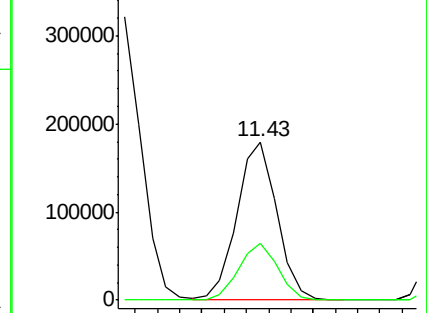
MMDadoda

6/6/2018 4:10:42 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.118 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002299.D

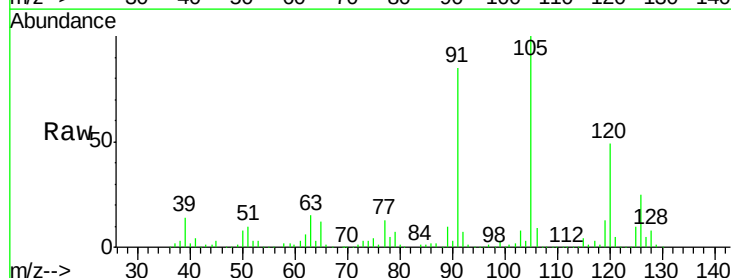
Acq: 05 Jun 2018 12:25

Tgt Ion: 105 Resp: 283291

Ion Ratio Lower Upper

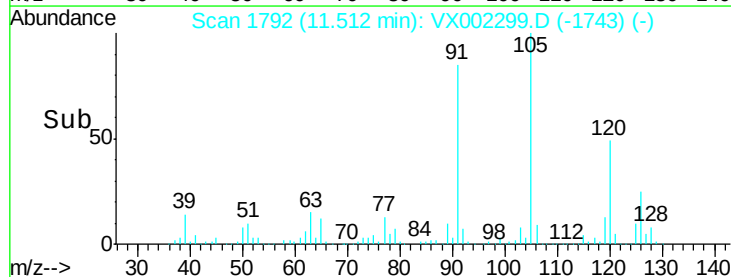
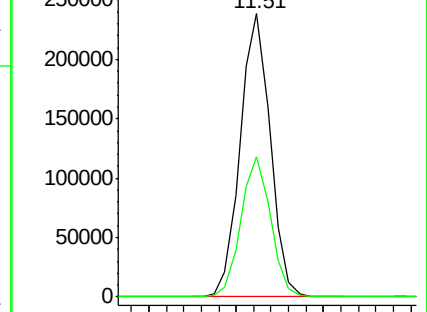
105 100

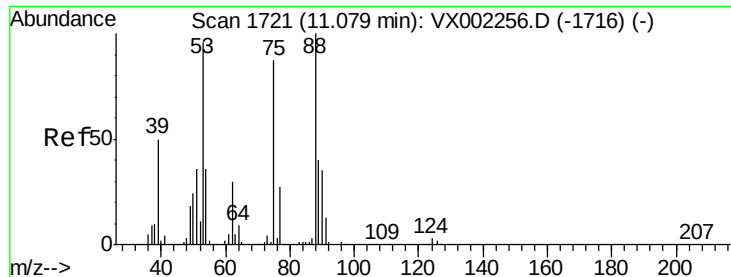
120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





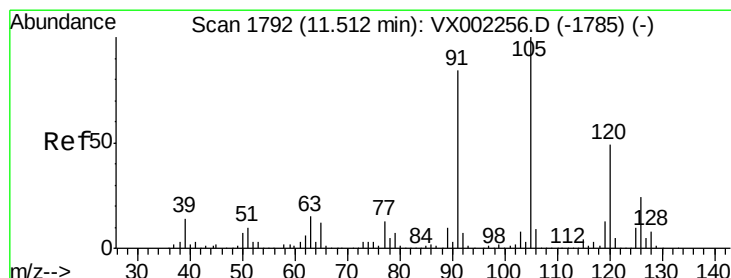
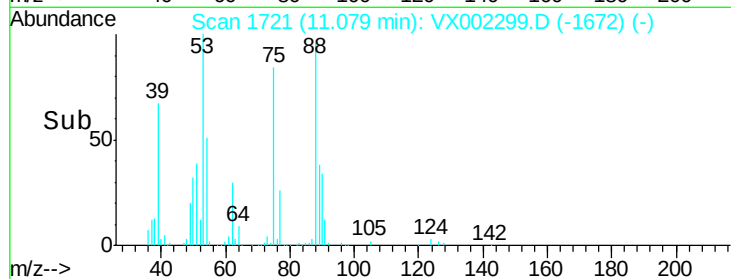
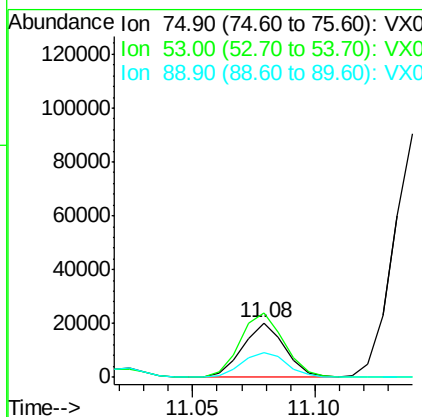
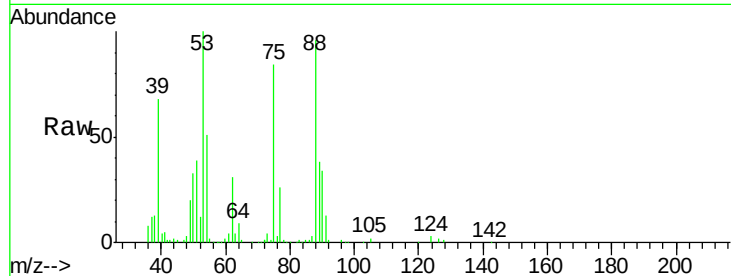
#81
trans-1,4-Dichloro-2-butene
Concen: 16.210 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	125.0	86.8	130.2
89	48.7	38.2	57.2

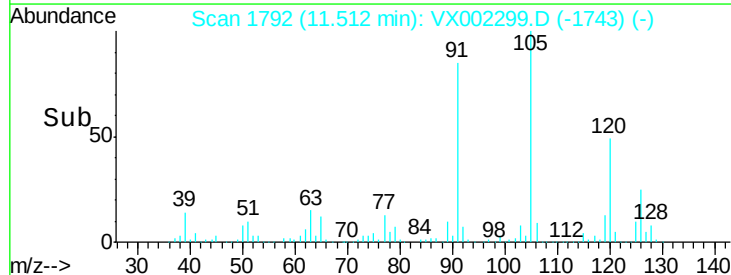
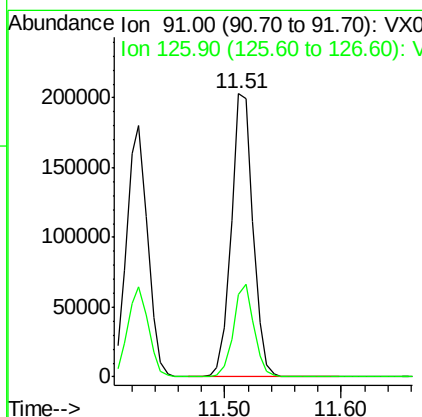
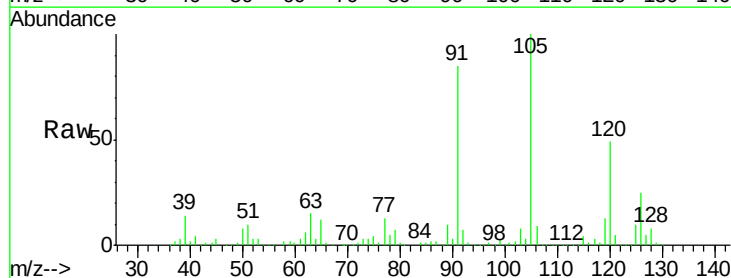
Manual Integrations
APPROVED

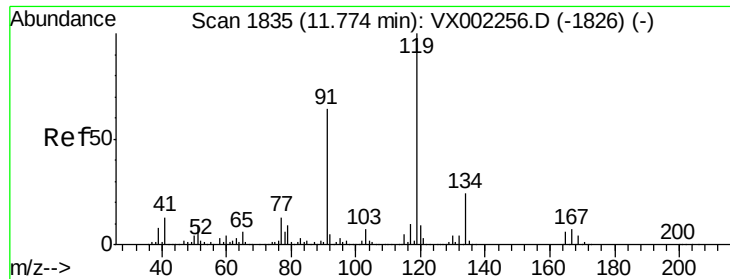
MMDadoda
6/6/2018 4:10:42 PM



#82
4-Chlorotoluene
Concen: 19.810 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





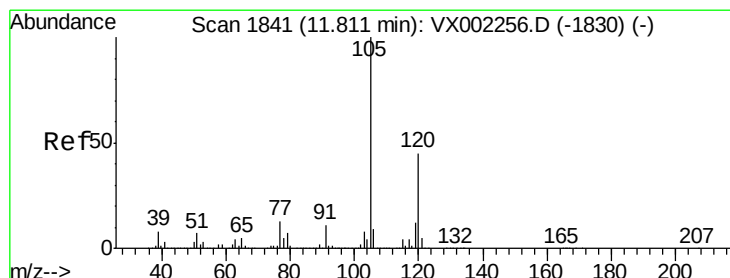
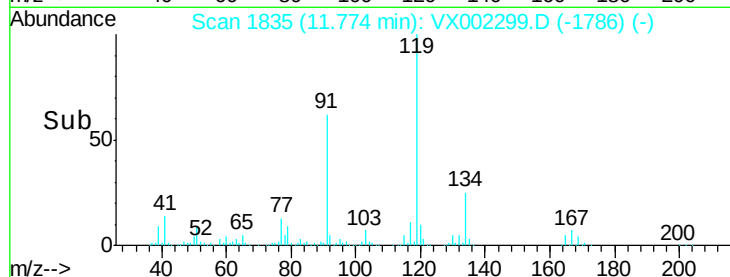
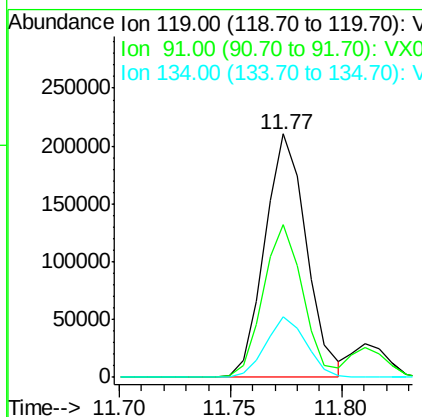
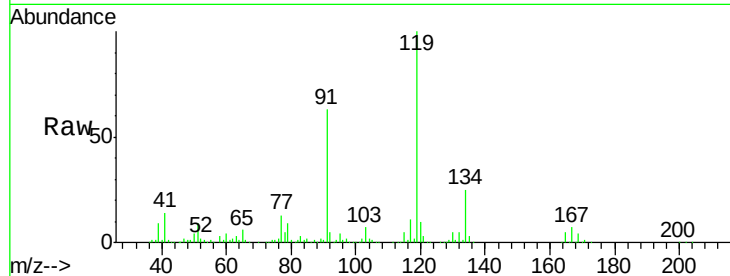
#83
 tert-Butylbenzene
 Concen: 19.918 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	273115		
91	60.2		30.3	90.9
134	24.3		11.7	35.1

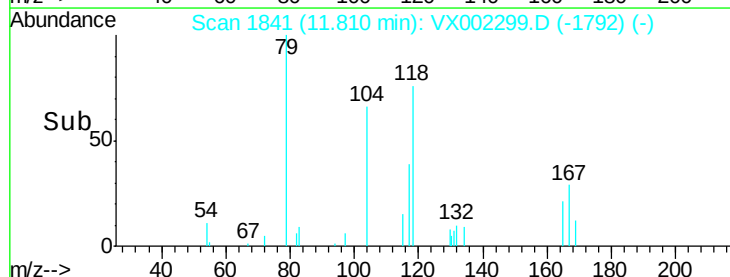
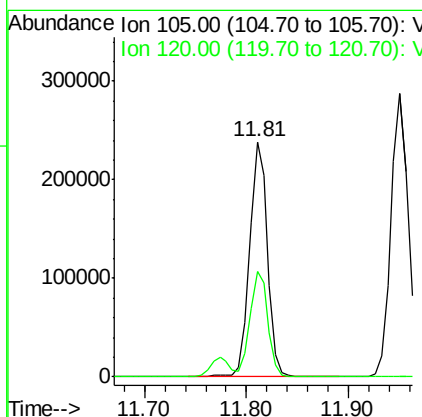
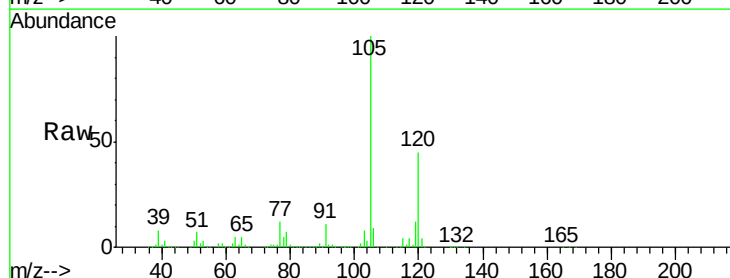
Manual Integrations
 APPROVED

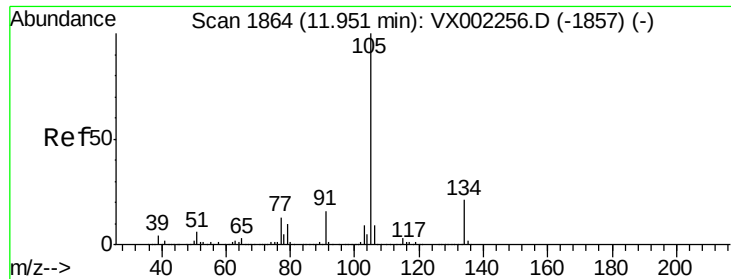
MMDadoda
 6/6/2018 4:10:42 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.005 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289975		
120	45.0		22.3	66.8





#85

sec-Butylbenzene

Concen: 21.376 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion:105 Resp: 343625

Ion Ratio Lower Upper

105 100

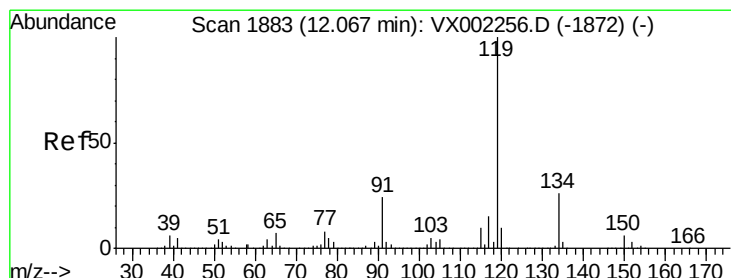
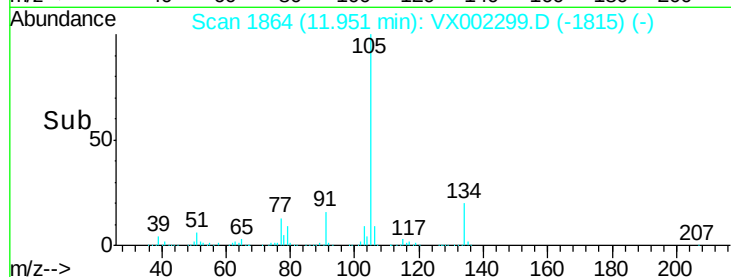
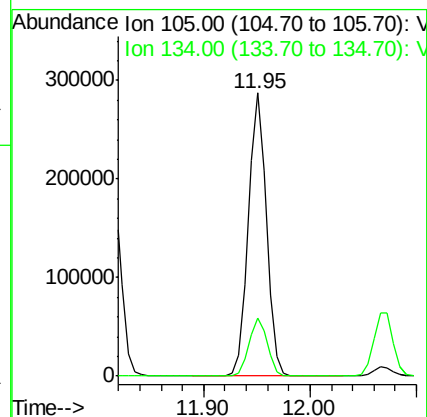
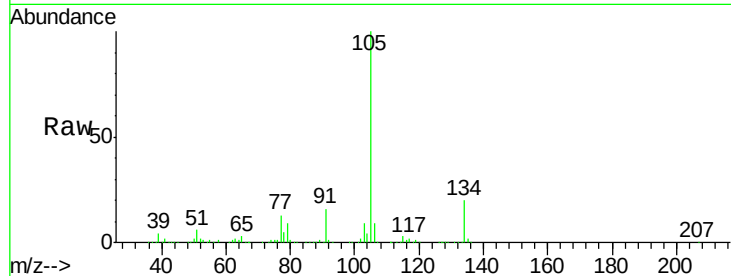
134 20.7 10.4 31.1

Manual Integrations

APPROVED

MMDadoda

6/6/2018 4:10:42 PM



#86

p-Isopropyltoluene

Concen: 21.262 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

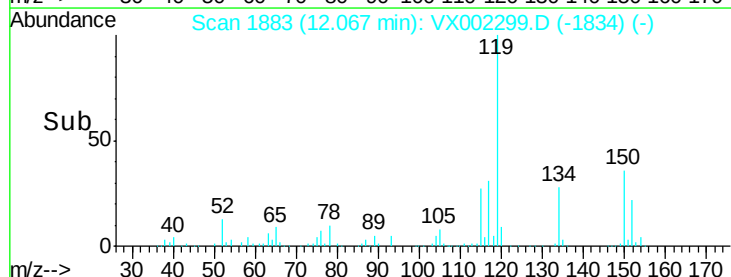
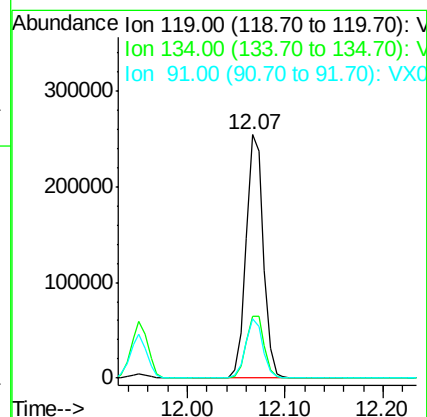
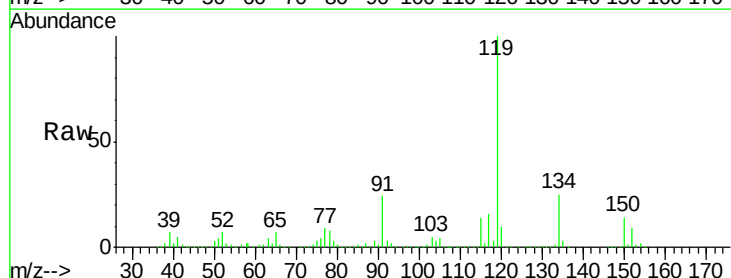
Tgt Ion:119 Resp: 311322

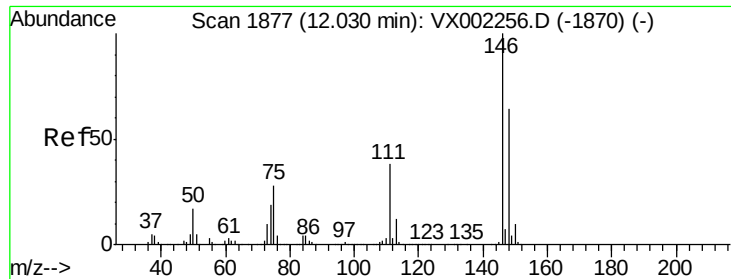
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 24.1 11.9 35.7





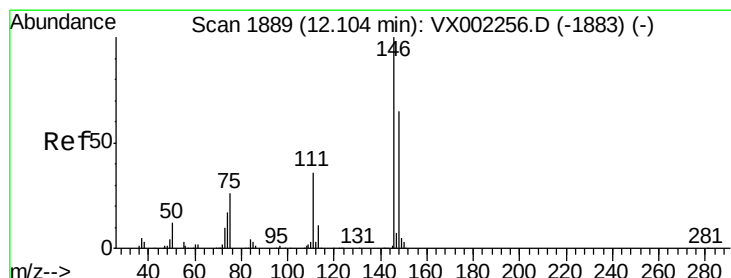
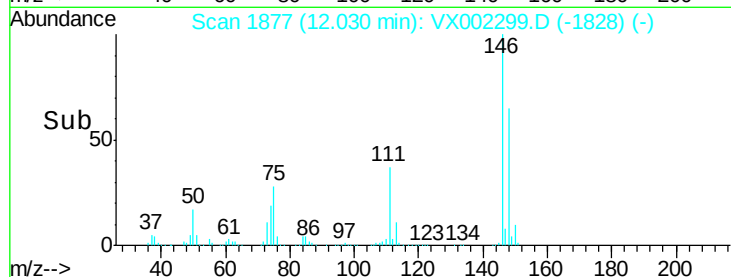
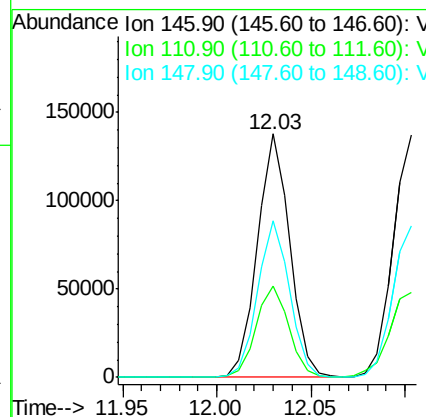
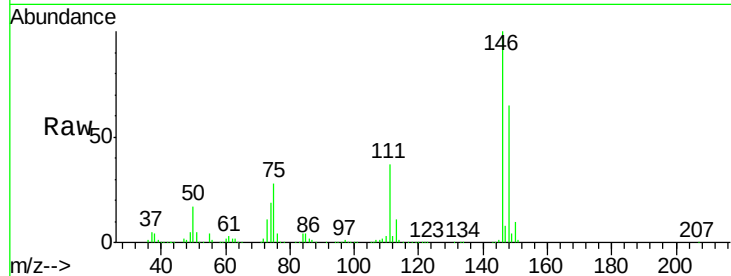
#87
 1,3-Dichlorobenzene
 Concen: 19.874 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.9	32.1	96.3

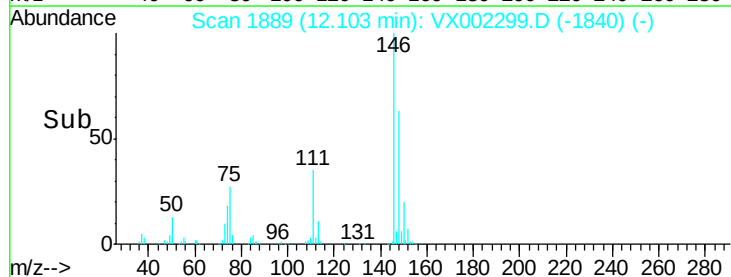
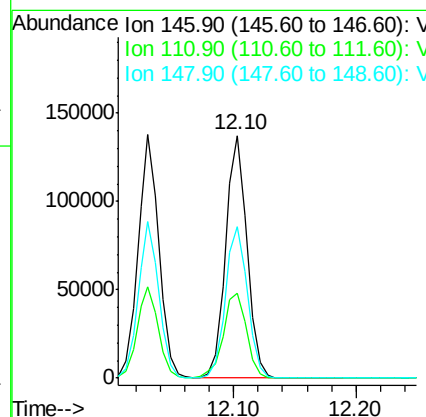
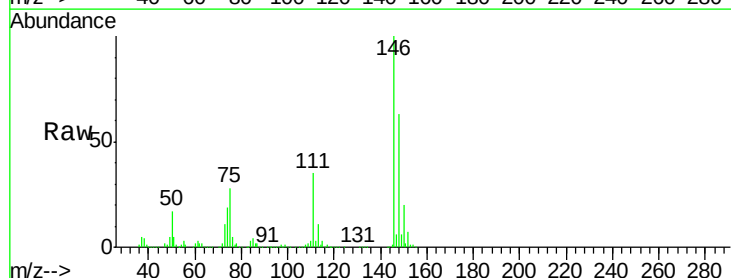
Manual Integrations
 APPROVED

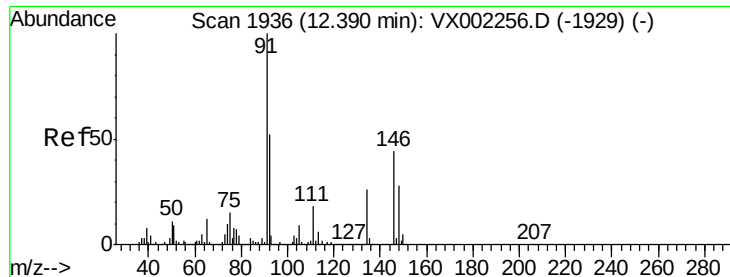
MMDadoda
 6/6/2018 4:10:42 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.551 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.7	56.1
148	64.5	32.4	97.0





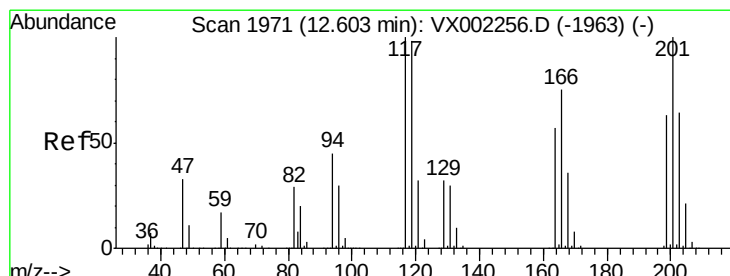
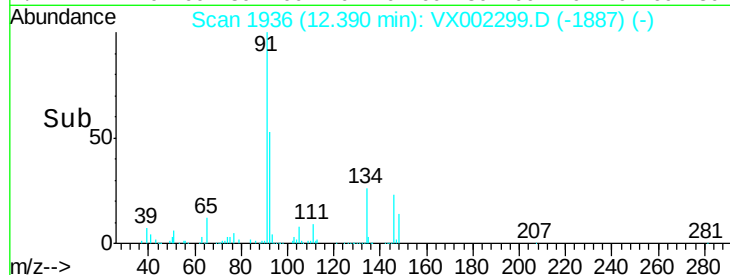
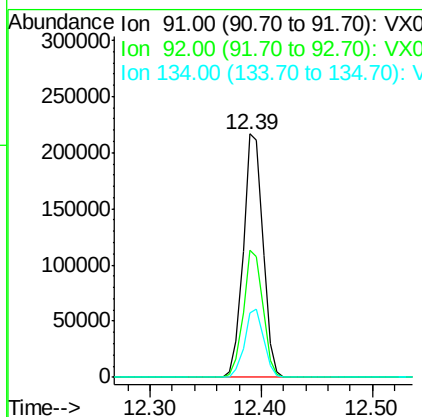
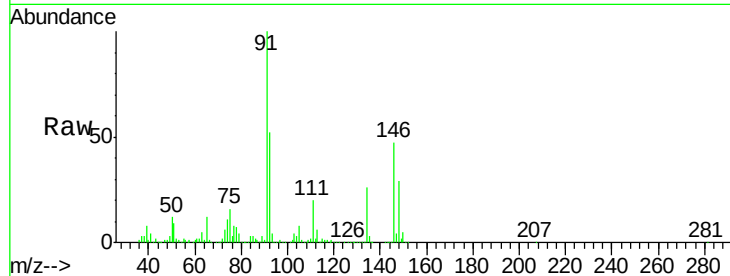
#89
n-Butylbenzene
Concen: 21.507 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	27.4	13.5	40.5

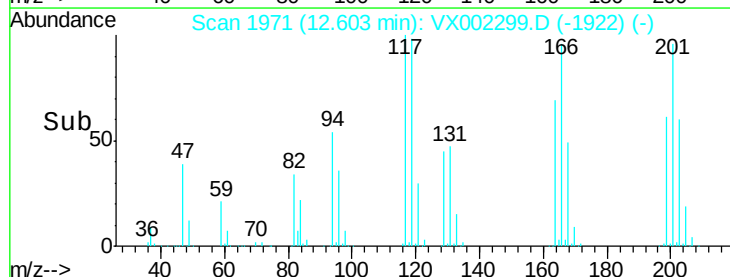
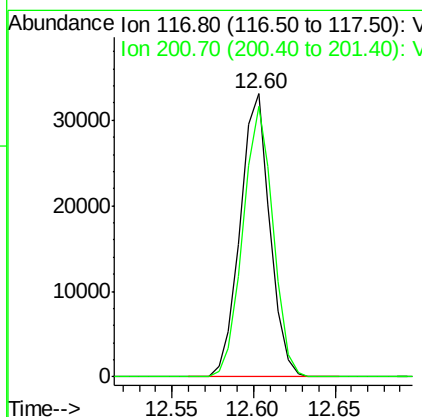
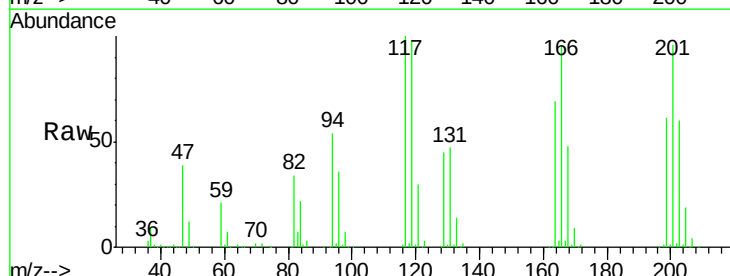
Manual Integrations
APPROVED

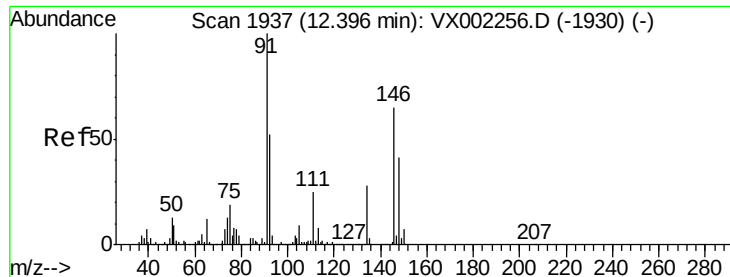
MMDadoda
6/6/2018 4:10:42 PM



#90
Hexachloroethane
Concen: 17.997 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.4	49.0	147.0





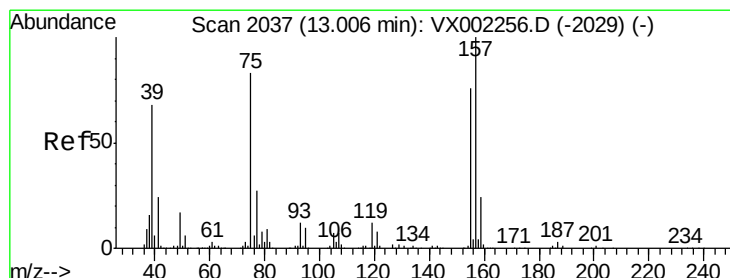
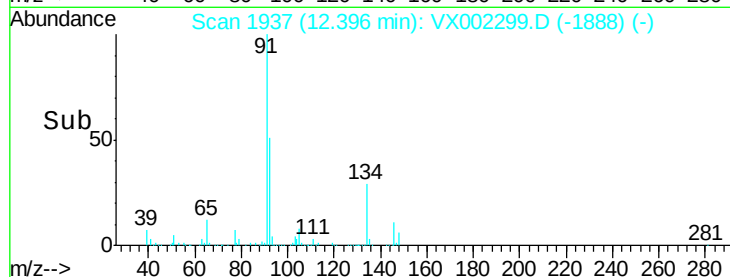
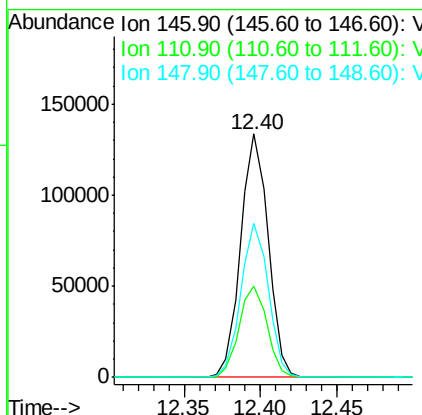
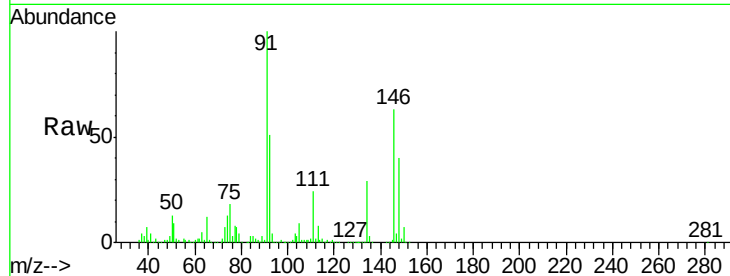
#91
 1,2-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	167149		
111	38.2	19.4	58.1	
148	63.4	31.7	95.1	

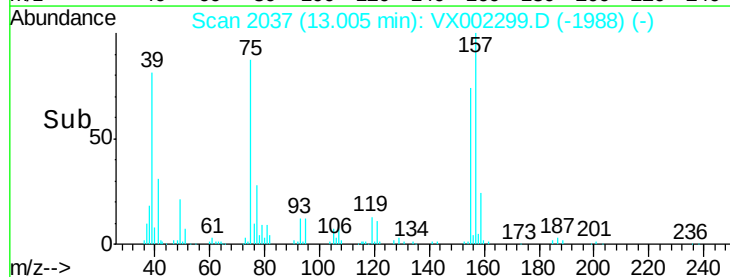
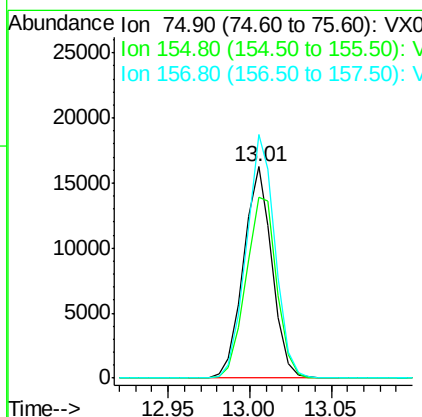
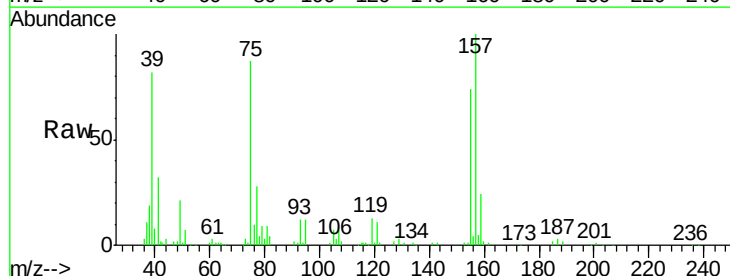
Manual Integrations
 APPROVED

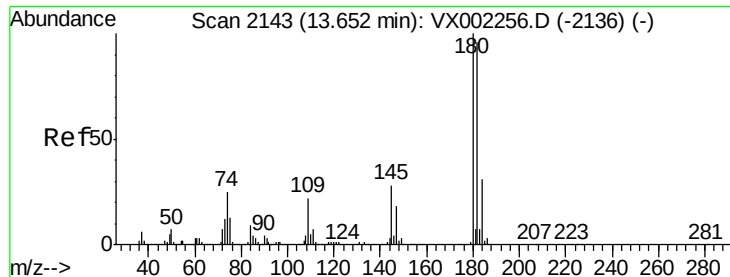
MMDadoda
 6/6/2018 4:10:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.538 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19803		
155	92.4	45.8	137.4	
157	115.8	60.1	180.3	





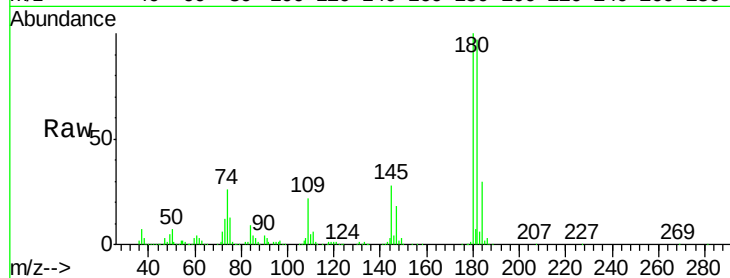
#93
 1,2,4-Trichlorobenzene
 Concen: 20.218 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0605WBSD01

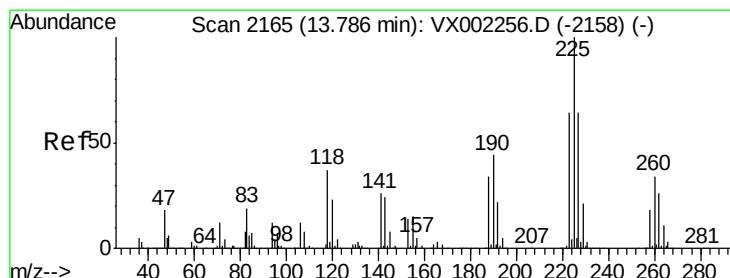
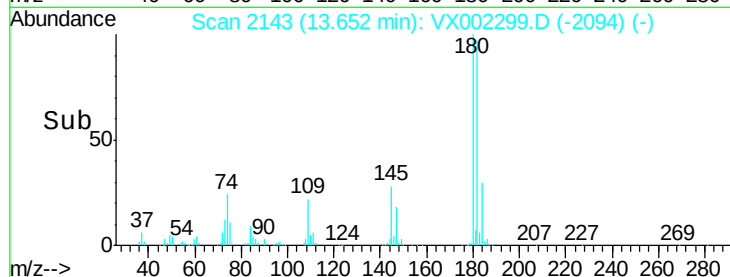
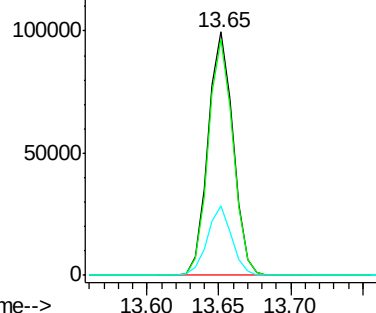
Tot Ion	Ratio	Resp	Lower	Upper
180	100	120874		
182	95.9	47.7	143.1	
145	27.6	14.1	42.4	

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:42 PM

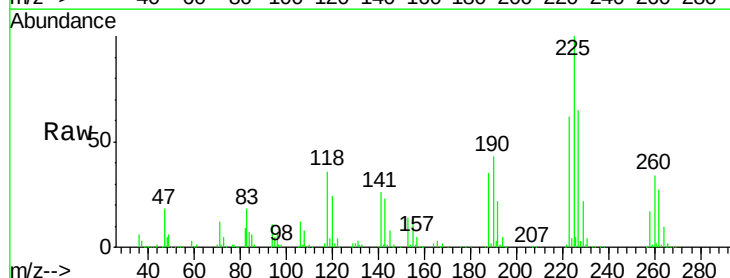


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

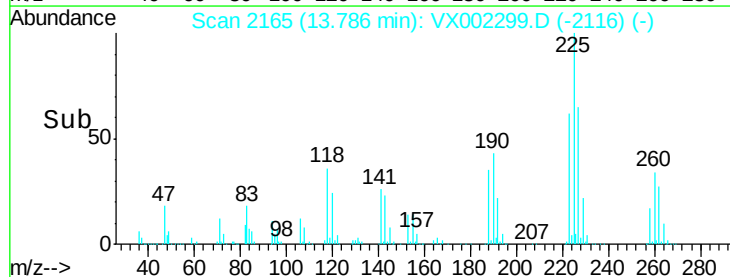
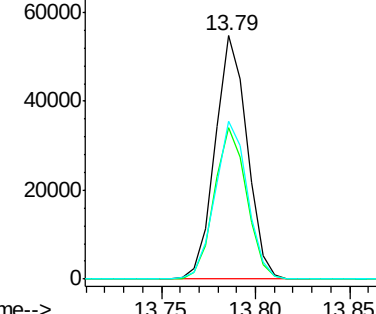


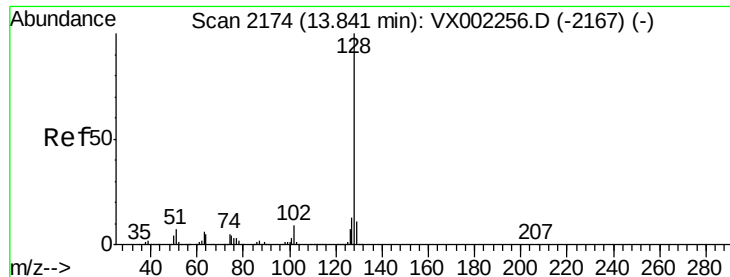
#94
 Hexachlorobutadiene
 Concen: 21.802 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64411		
223	62.8	31.6	95.0	
227	65.4	32.4	97.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





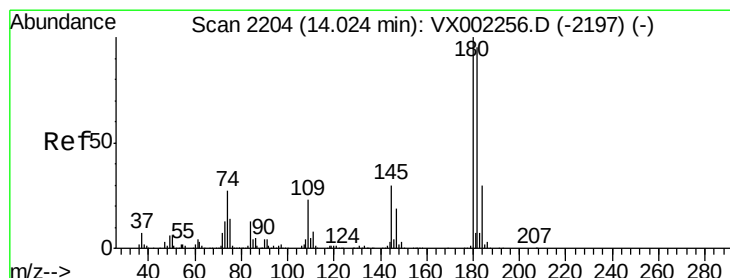
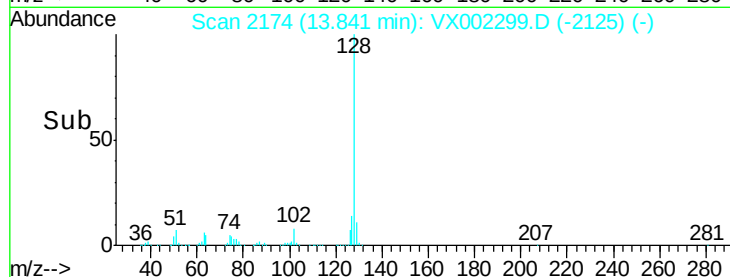
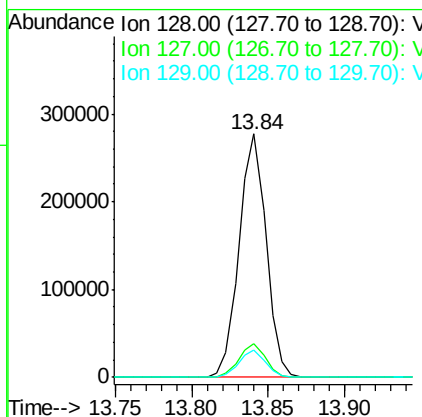
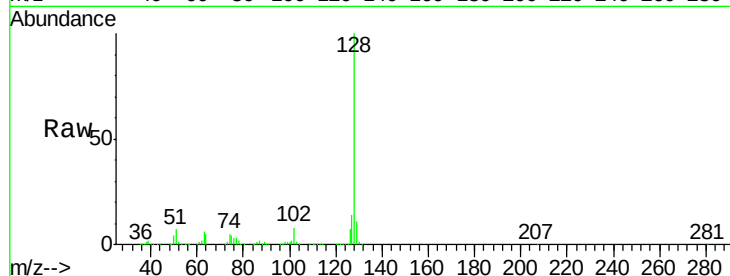
#95
Naphthalene
Concen: 19.742 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	339116		
127	13.3		10.4	15.6
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.336 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123993		
182	96.2		48.0	144.0
145	29.8		14.8	44.3

