

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002419.D
 Acq On : 09 Jun 2018 14:14
 Operator : JC/MD
 Sample : VX0609WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:52 PM

Quant Time: Jun 11 04:31:49 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	270154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158592	40.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.78%	
35) Dibromofluoromethane	5.51	113	123103	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	
50) Toluene-d8	8.72	98	475125	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	
62) 4-Bromofluorobenzene	11.14	95	177595	40.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54397	19.37	ug/l	95
3) Chloromethane	1.32	50	58107	16.11	ug/l	99
4) Vinyl Chloride	1.40	62	66742	18.86	ug/l	99
5) Bromomethane	1.64	94	35965	15.66	ug/l	100
6) Chloroethane	1.73	64	44477	19.43	ug/l	99
7) Trichlorofluoromethane	1.93	101	117487	21.79	ug/l	97
8) Diethyl Ether	2.19	74	40741	19.81	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67137	23.07	ug/l	100
10) Methyl Iodide	2.51	142	54267	13.26	ug/l	98
11) Tert butyl alcohol	3.07	59	73659	79.54	ug/l	97
12) 1,1-Dichloroethene	2.37	96	57194	19.89	ug/l	98
13) Acrolein	2.29	56	30387	72.28	ug/l	100
14) Allyl chloride	2.73	41	111978	17.94	ug/l	98
15) Acrylonitrile	3.15	53	167004	95.59	ug/l	98
16) Acetone	2.45	43	183057	98.57	ug/l	97
17) Carbon Disulfide	2.57	76	133849	17.66	ug/l	98
18) Methyl Acetate	2.78	43	81221	19.33	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	212792	19.80	ug/l	97
20) Methylene Chloride	2.86	84	63460	19.07	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	60957	19.22	ug/l	98
22) Diisopropyl ether	3.87	45	217742	19.99	ug/l	98
23) Vinyl Acetate	3.82	43	958174	94.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	120437	19.52	ug/l	98
25) 2-Butanone	4.71	43	223270	84.29	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85176	17.66	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60601	17.57	ug/l	96
28) Bromochloromethane	5.02	49	39934	12.56	ug/l	100
29) Tetrahydrofuran	5.17	42	139089	81.44	ug/l	98
30) Chloroform	5.22	83	107398	18.04	ug/l	97
31) Cyclohexane	5.58	56	94299	19.33	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	93677	18.56	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77665	19.67	ug/l	99
37) Ethyl Acetate	4.86	43	85067	17.92	ug/l	99
38) Carbon Tetrachloride	5.79	117	81744	19.79	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002419.D
 Acq On : 09 Jun 2018 14:14
 Operator : JC/MD
 Sample : VX0609WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0609WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:52 PM

Quant Time: Jun 11 04:31:49 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	7.46	83	98231	20.29	ug/l	99
40) Benzene	6.15	78	231733	19.14	ug/l	100
41) Methacrylonitrile	5.06	41	49201	18.10	ug/l	99
42) 1,2-Dichloroethane	6.20	62	91536	19.03	ug/l	99
43) Isopropyl Acetate	6.47	43	142687	17.69	ug/l	100
44) Trichloroethene	7.21	130	66342	19.75	ug/l	95
45) 1,2-Dichloropropane	7.52	63	62295	19.06	ug/l	100
46) Dibromomethane	7.67	93	41304	18.64	ug/l	98
47) Bromodichloromethane	7.90	83	74229	18.52	ug/l	98
48) Methyl methacrylate	7.78	41	72895	17.99	ug/l	98
49) 1,4-Dioxane	7.76	88	27620	364.64	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	458883	91.37	ug/l	100
52) Toluene	8.79	92	150634	19.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	88333	18.38	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	82007	18.09	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61019	19.27	ug/l	99
56) Ethyl methacrylate	9.18	69	91299	18.06	ug/l	99
57) 1,3-Dichloropropane	9.37	76	102093	19.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223135	95.35	ug/l	99
59) 2-Hexanone	9.50	43	355977	91.76	ug/l	99
60) Dibromochloromethane	9.59	129	58186	18.27	ug/l	97
61) 1,2-Dibromoethane	9.68	107	63609	19.26	ug/l	98
64) Tetrachloroethene	9.34	164	71224	19.21	ug/l	97
65) Chlorobenzene	10.14	112	173207	19.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62858	19.41	ug/l	98
67) Ethyl Benzene	10.26	91	301812	20.16	ug/l	99
68) m/p-Xylenes	10.36	106	231741	39.82	ug/l	100
69) o-Xylene	10.70	106	112348	19.40	ug/l	100
70) Styrene	10.71	104	185304	19.57	ug/l	99
71) Bromoform	10.86	173	44747	17.82	ug/l #	100
73) Isopropylbenzene	11.02	105	315653	19.95	ug/l	99
74) N-amyl acetate	6.47	43	142687	16.74	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90083	18.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88795m	17.79	ug/l	
77) Bromobenzene	11.26	156	81609	18.38	ug/l	99
78) n-propylbenzene	11.37	91	362558	20.62	ug/l	100
79) 2-Chlorotoluene	11.43	91	210678	18.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	264055	19.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21504	15.11	ug/l	89
82) 4-Chlorotoluene	11.51	91	248450	19.39	ug/l	100
83) tert-Butylbenzene	11.77	119	264807	20.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	273941	19.61	ug/l	99
85) sec-Butylbenzene	11.95	105	330049	21.31	ug/l	100
86) p-Isopropyltoluene	12.07	119	295054	20.91	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	155229	19.55	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154912	18.93	ug/l	99
89) n-Butylbenzene	12.39	91	256228	21.65	ug/l	100
90) Hexachloroethane	12.60	117	40130	17.82	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156674	19.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18774	17.25	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002419.D
Acq On : 09 Jun 2018 14:14
Operator : JC/MD
Sample : VX0609WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

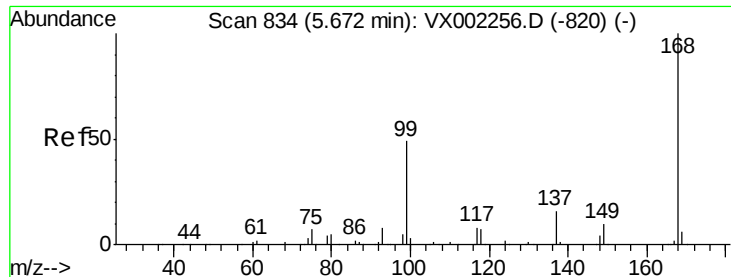
Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM

Quant Time: Jun 11 04:31:49 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	114566	19.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	65091	22.86	ug/l	99
95) Naphthalene	13.84	128	315045	19.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117546	20.01	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

Tot Ion:168 Resp: 270154

Ion Ratio Lower Upper

168 100

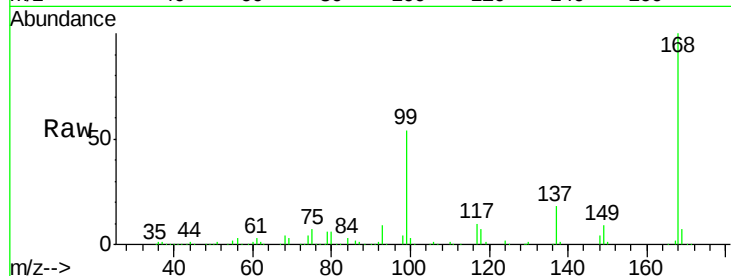
99 53.9 39.3 58.9

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

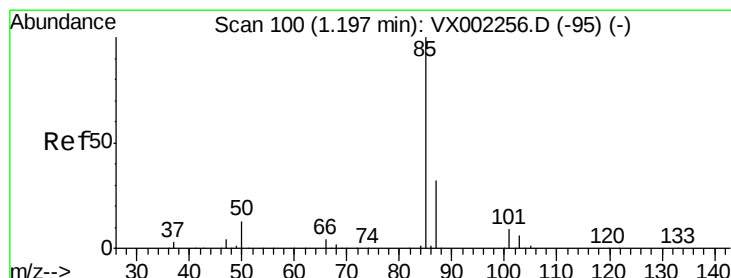
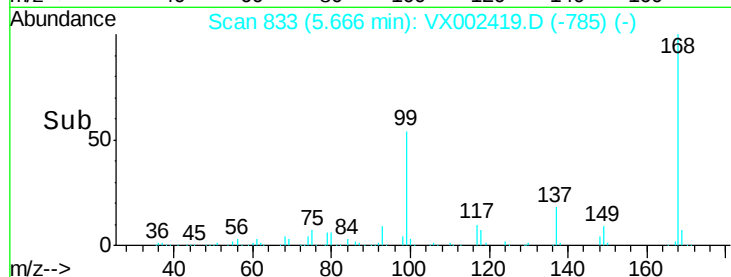
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002419.D

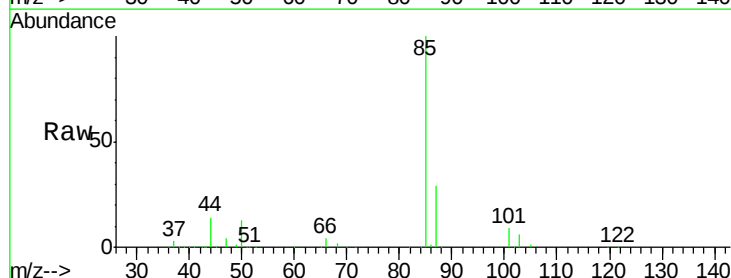
Acq: 09 Jun 2018 14:14

Tgt Ion: 85 Resp: 54397

Ion Ratio Lower Upper

85 100

87 29.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

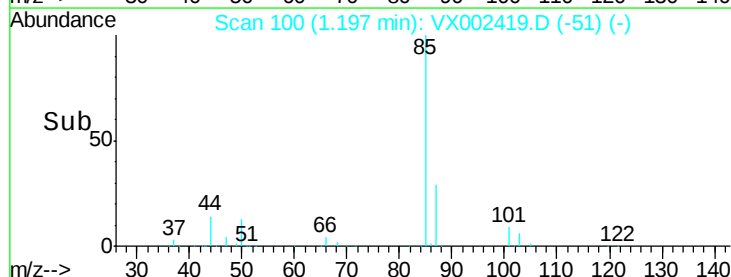
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

Tot Ion: 50 Resp: 58107

Ion Ratio Lower Upper

50 100

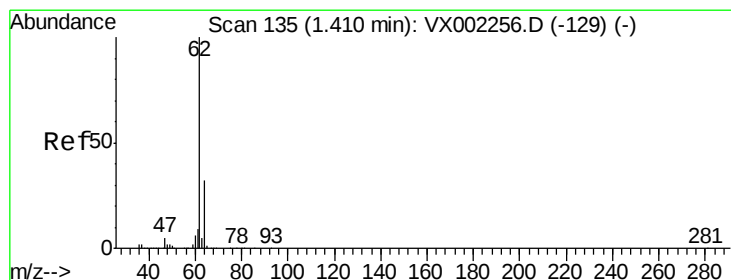
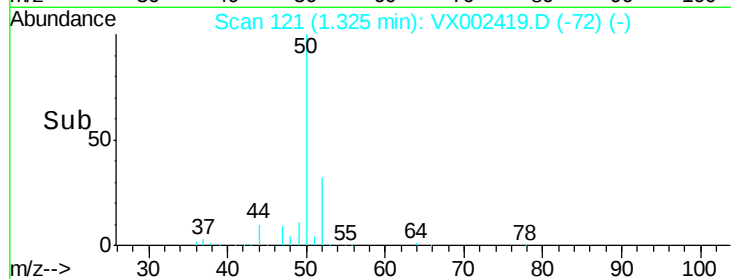
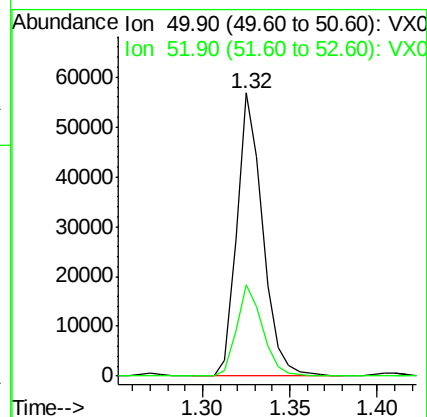
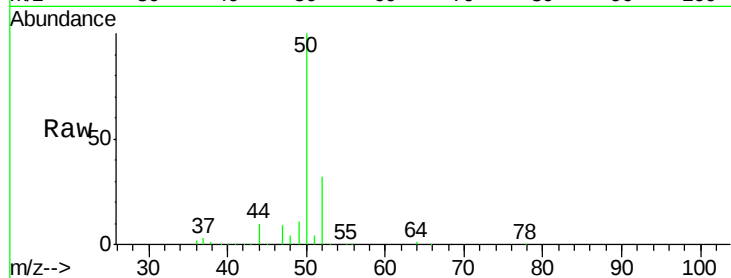
52 32.4 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:52 PM



#4

Vinyl Chloride

Concen: 18.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002419.D

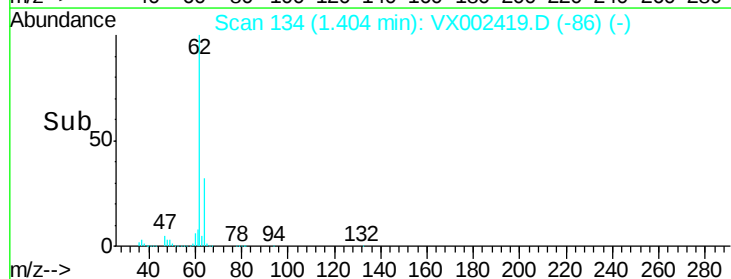
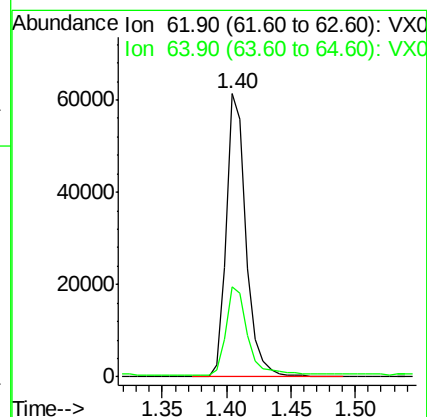
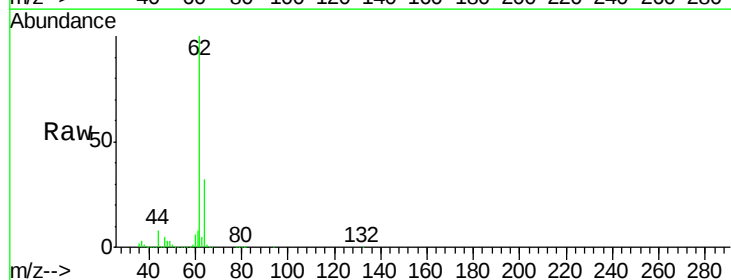
Acq: 09 Jun 2018 14:14

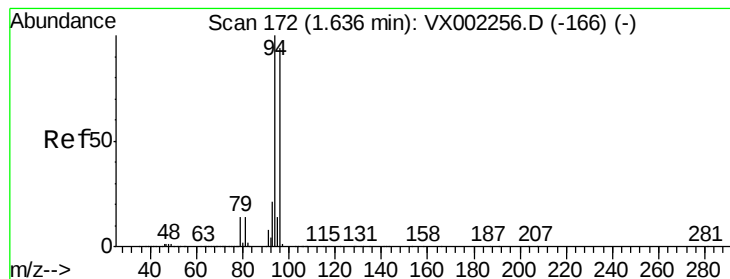
Tgt Ion: 62 Resp: 66742

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 15.66 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tot Ion: 94 Resp: 35965

Ion Ratio Lower Upper

94 100

96 93.4 74.9 112.3

Instrument :

MSVOA_X

ClientSampleId :

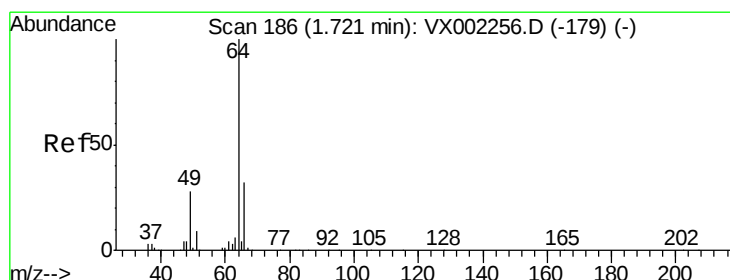
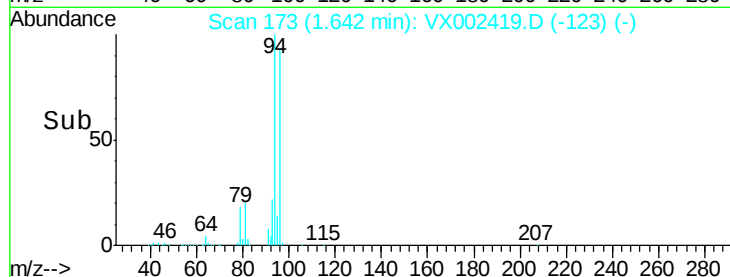
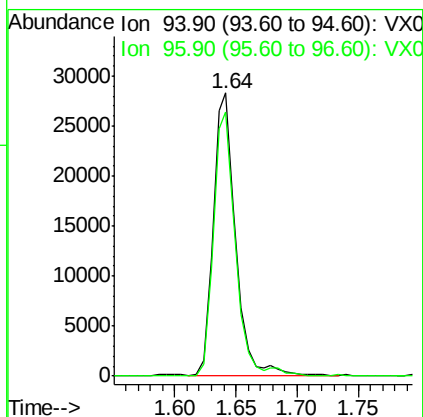
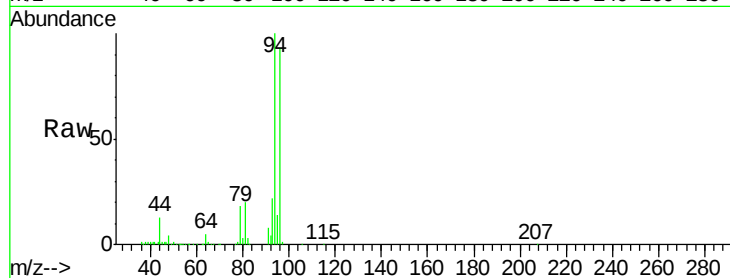
VX0609WBS01

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:52 PM



#6

Chloroethane

Concen: 19.43 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002419.D

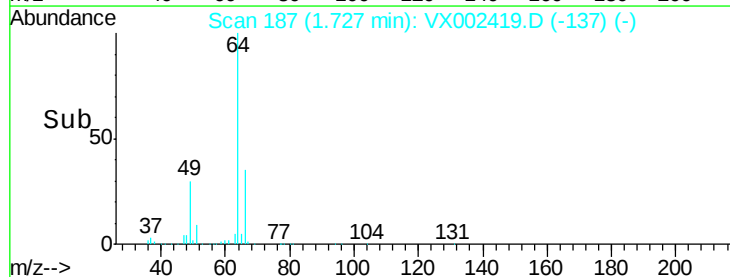
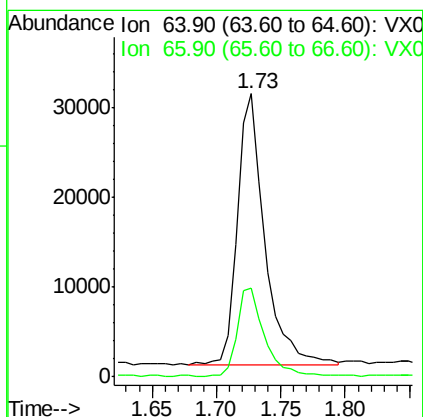
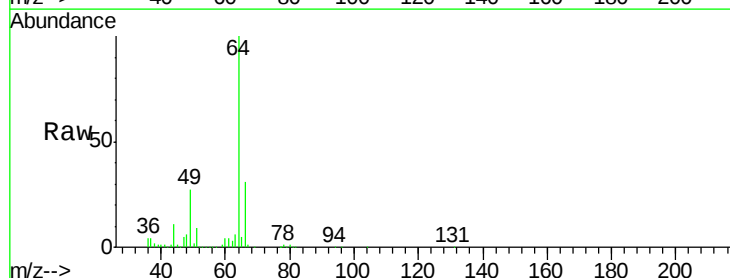
Acq: 09 Jun 2018 14:14

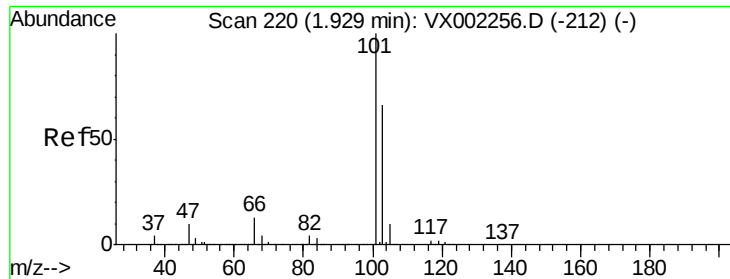
Tgt Ion: 64 Resp: 44477

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3





#7

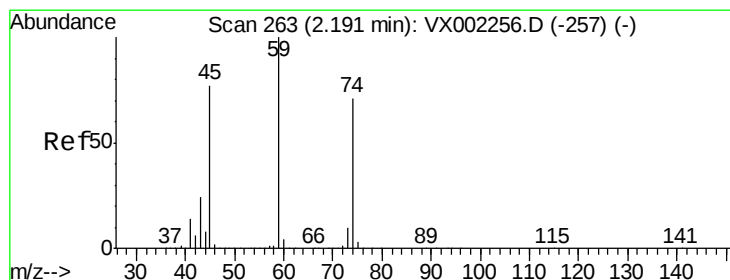
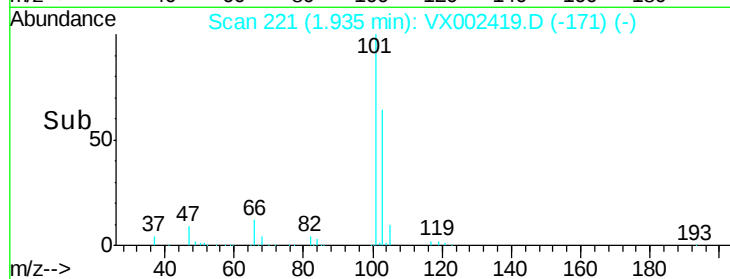
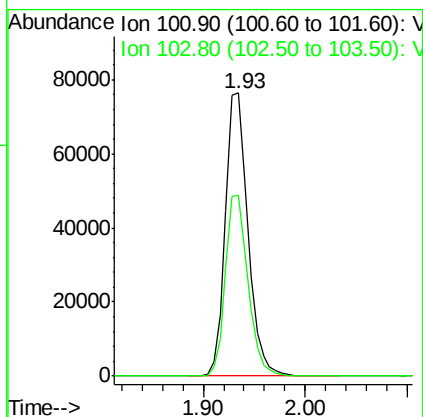
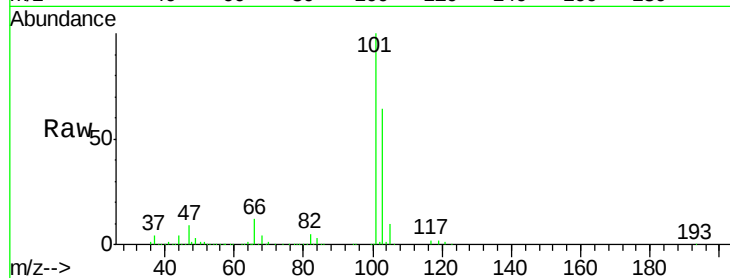
Trichlorofluoromethane
Concen: 21.79 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
VX0609WBS01

Tot Ion:101 Resp: 117487
Ion Ratio Lower Upper
101 100
103 63.9 52.8 79.2

Manual Integrations
APPROVED

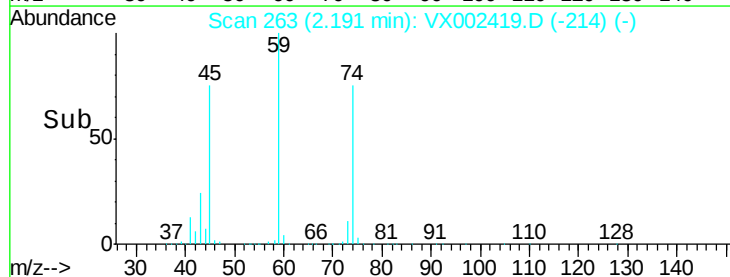
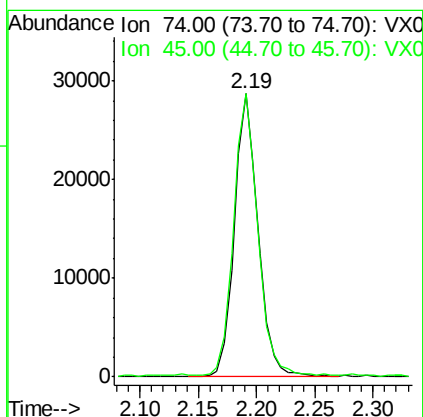
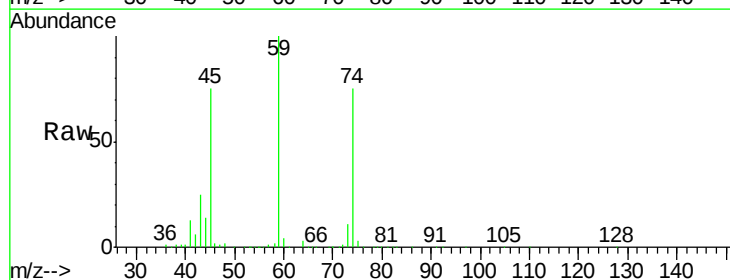
MMDadoda
6/11/2018 2:32:52 PM

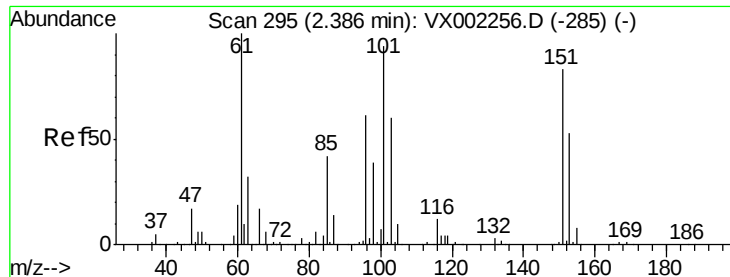


#8

Diethyl Ether
Concen: 19.81 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 74 Resp: 40741
Ion Ratio Lower Upper
74 100
45 101.1 53.1 159.4





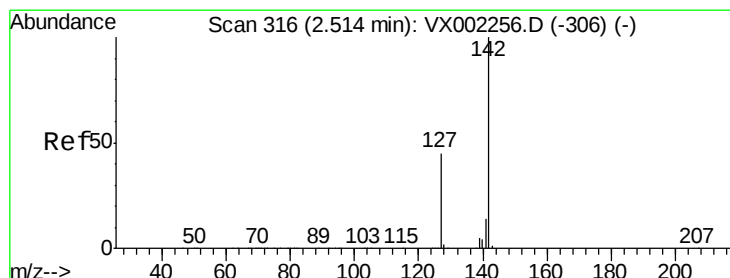
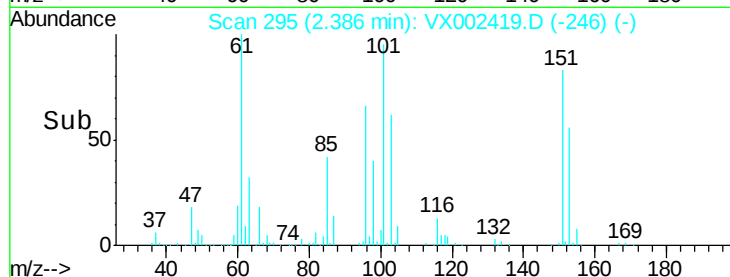
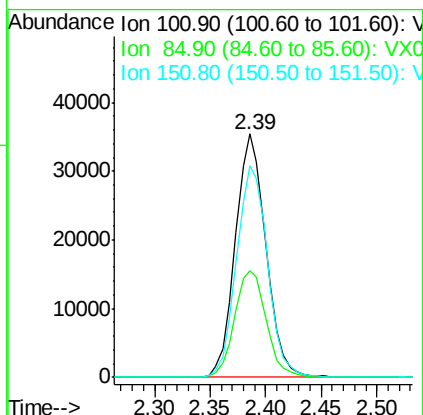
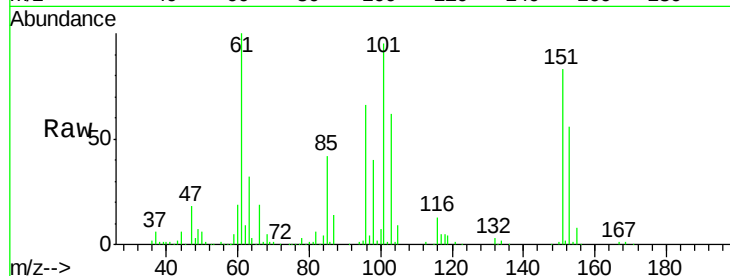
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.07 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.0	54.0
151	88.9	70.9	106.3

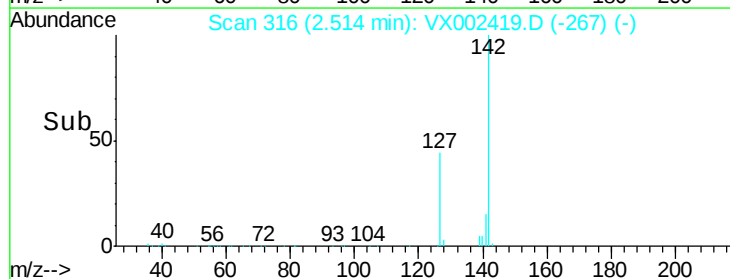
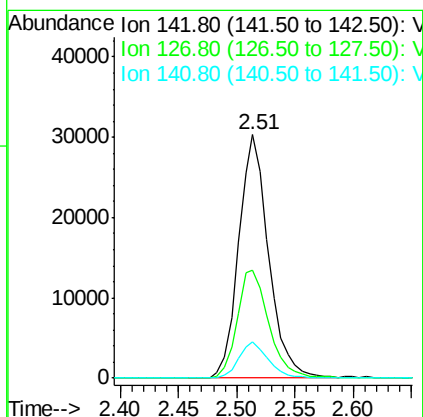
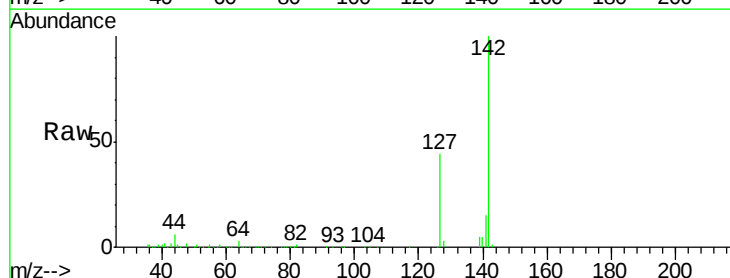
Manual Integrations
APPROVED

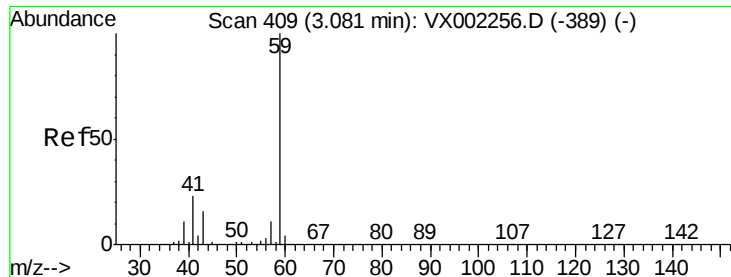
MMDadoda
6/11/2018 2:32:52 PM



#10
Methyl Iodide
Concen: 13.26 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.9	36.6	55.0
141	14.7	11.3	16.9





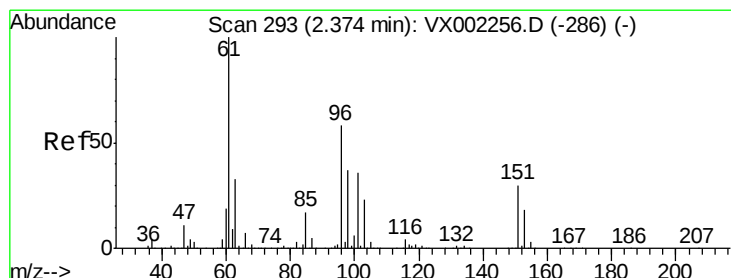
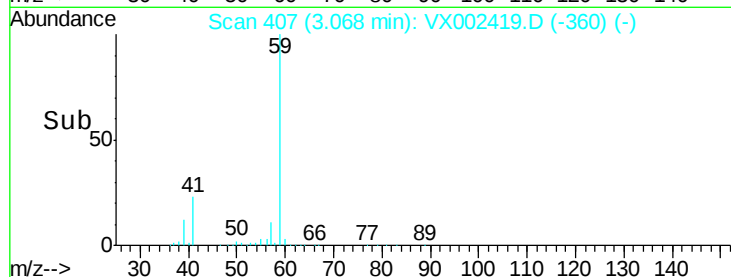
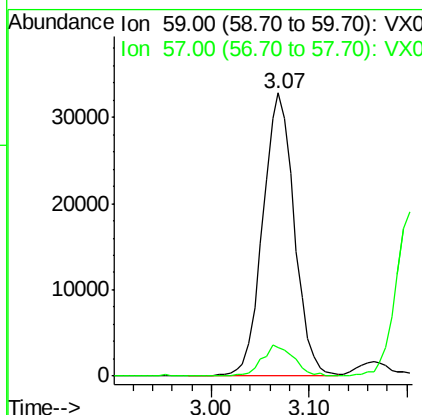
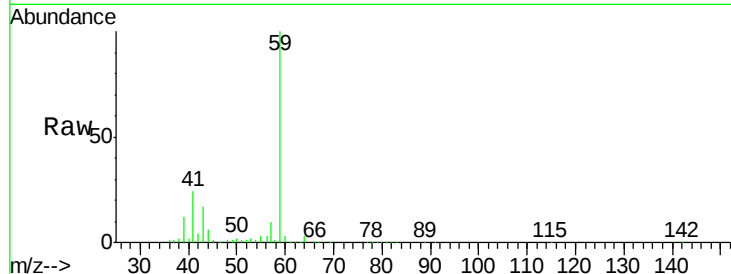
#11
Tert butyl alcohol
Concen: 79.54 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.2	12.2

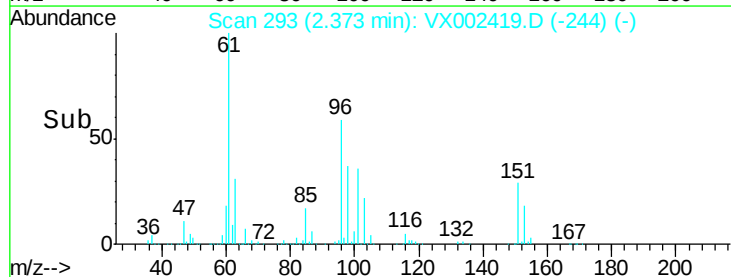
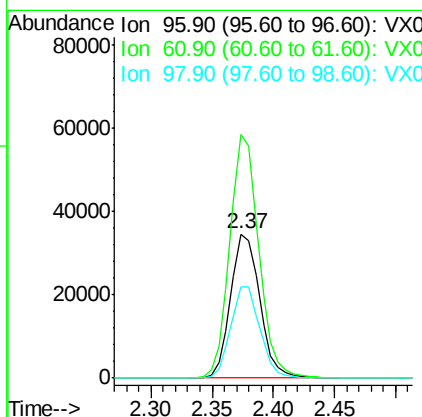
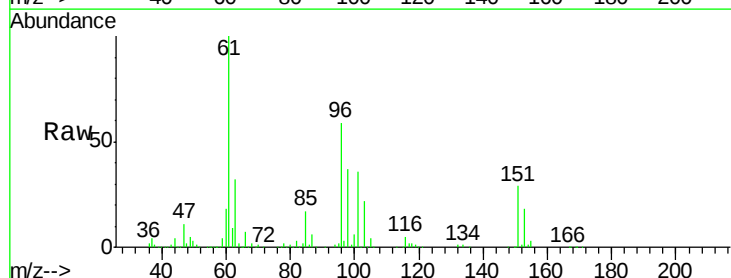
Manual Integrations
APPROVED

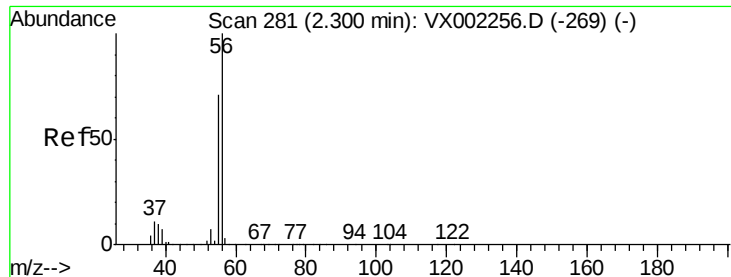
MMDadoda
6/11/2018 2:32:52 PM



#12
1,1-Dichloroethene
Concen: 19.89 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.6	137.9	206.9
98	63.2	51.6	77.4





#13

Acrolein

Concen: 72.28 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

Tot Ion: 56 Resp: 30387

Ion Ratio Lower Upper

56 100

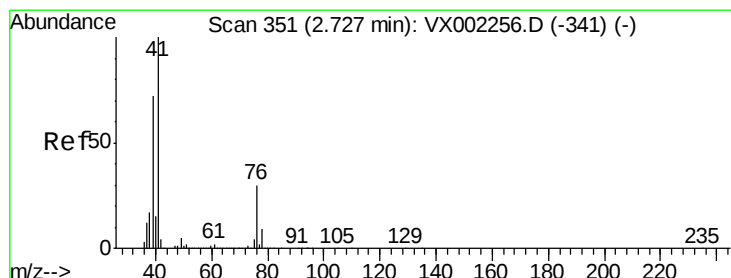
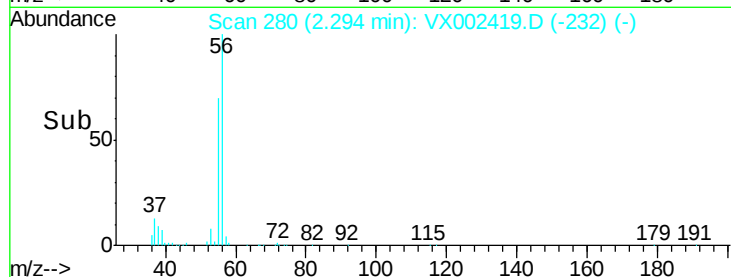
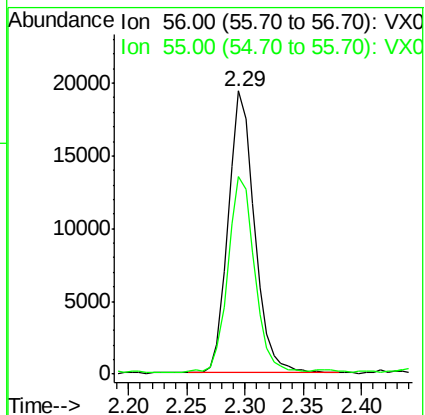
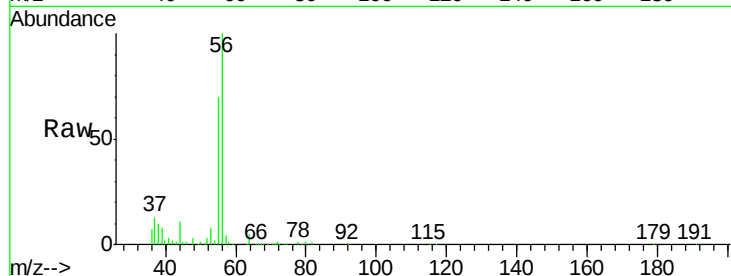
55 71.0 57.0 85.4

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:52 PM



#14

Allyl chloride

Concen: 17.94 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

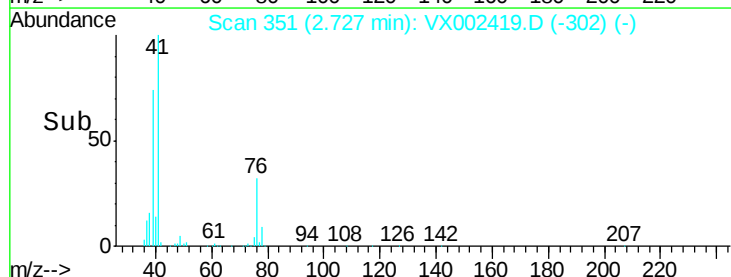
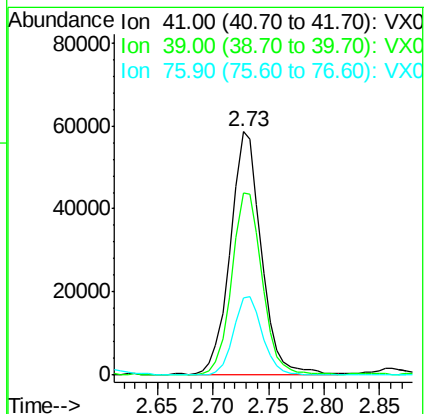
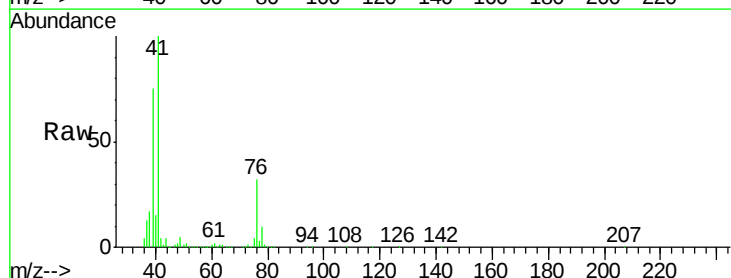
Tgt Ion: 41 Resp: 111978

Ion Ratio Lower Upper

41 100

39 73.5 56.8 85.2

76 30.2 23.8 35.8





#15

Acrylonitrile

Concen: 95.59 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

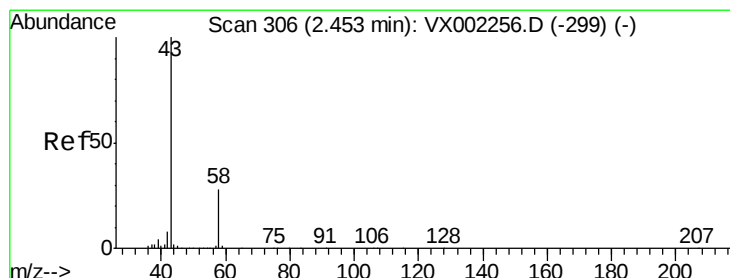
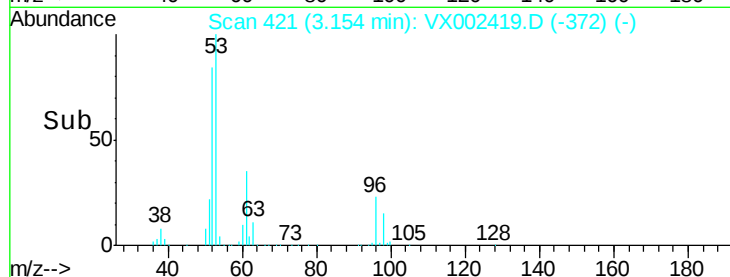
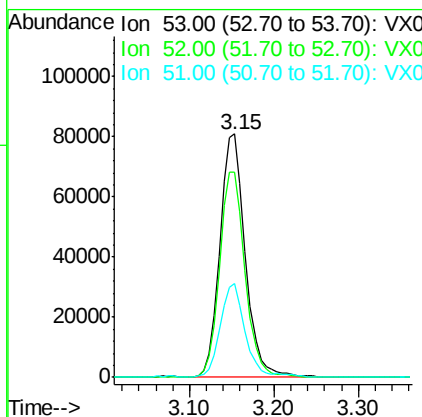
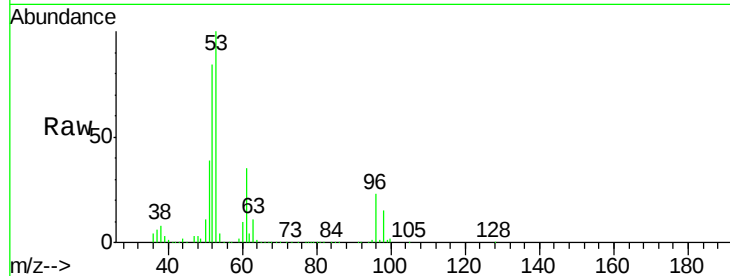
ClientSampled :

VX0609WBS01

Tot Ion:	53	Resp:	167004
Ion	Ratio	Lower	Upper
53	100		
52	85.0	66.7	100.1
51	38.2	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#16

Acetone

Concen: 98.57 ug/l

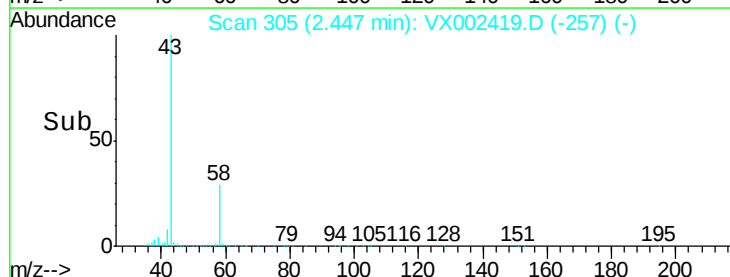
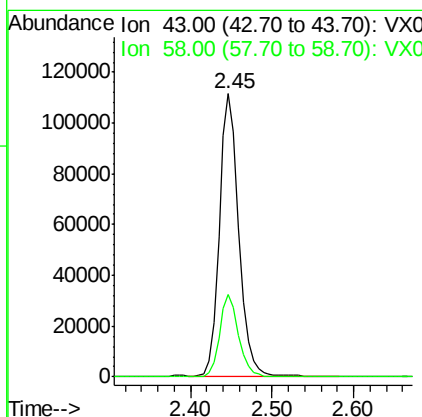
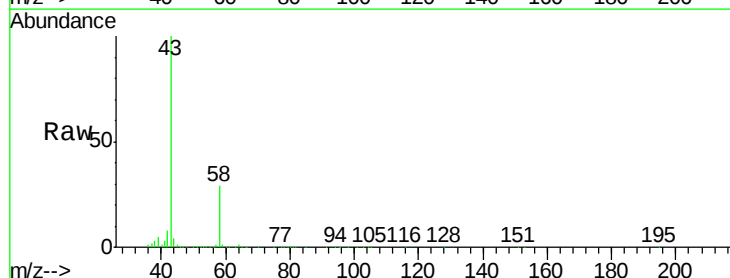
RT: 2.45 min Scan# 305

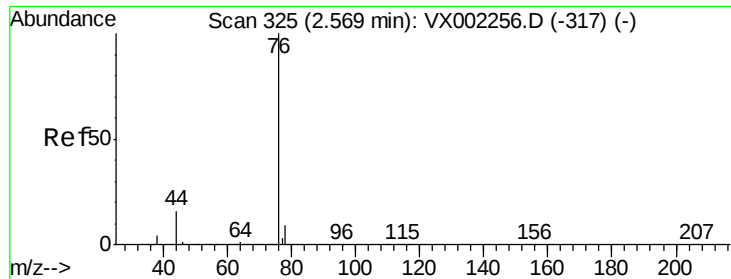
Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion:	43	Resp:	183057
Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.1	33.1





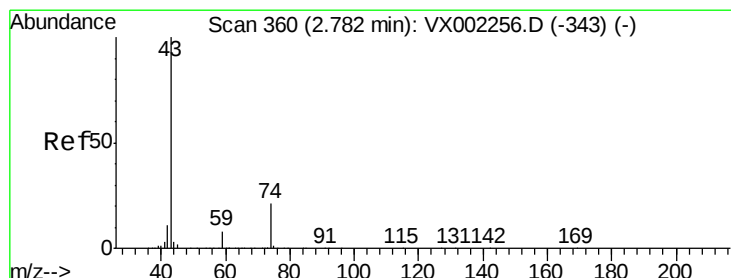
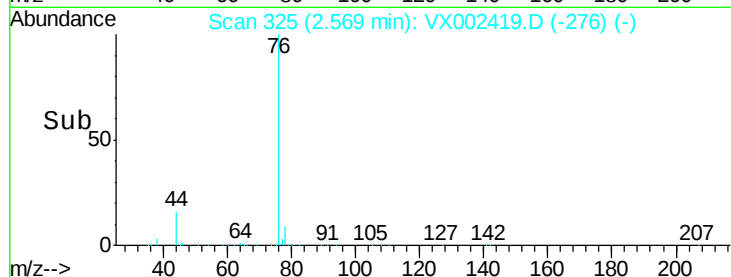
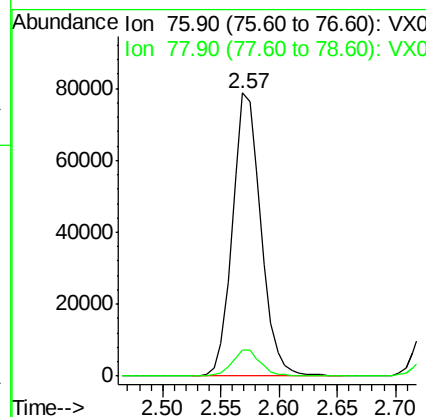
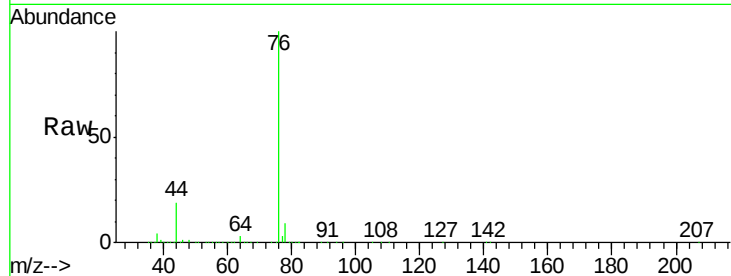
#17
Carbon Disulfide
Concen: 17.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

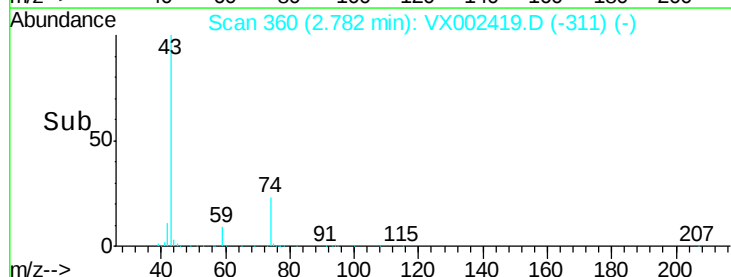
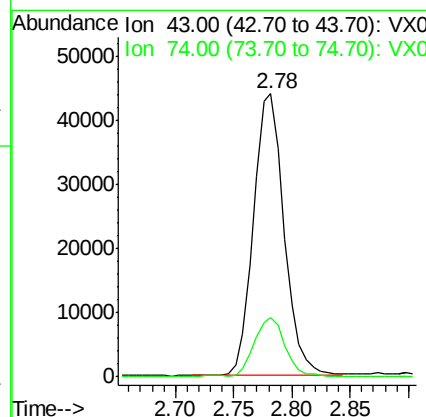
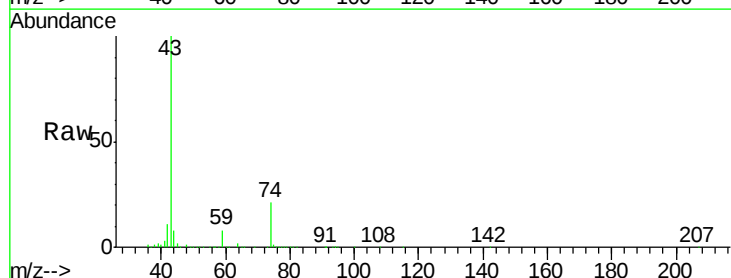
Manual Integrations
APPROVED

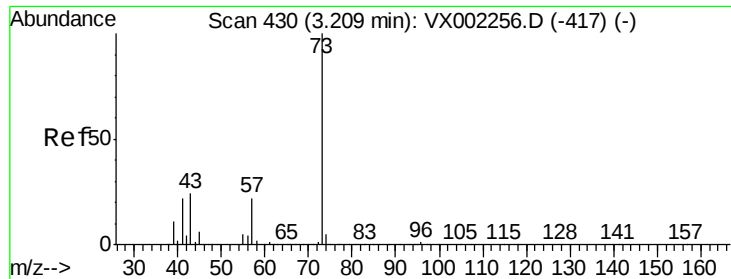
MMDadoda
6/11/2018 2:32:52 PM



#18
Methyl Acetate
Concen: 19.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1





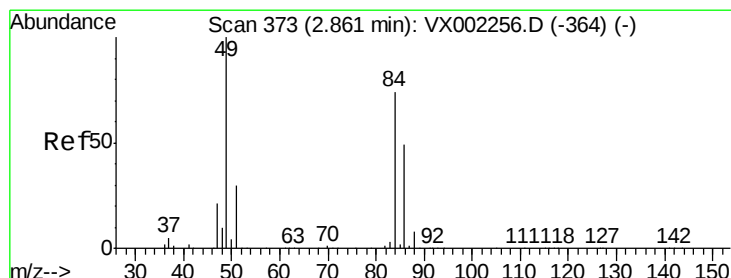
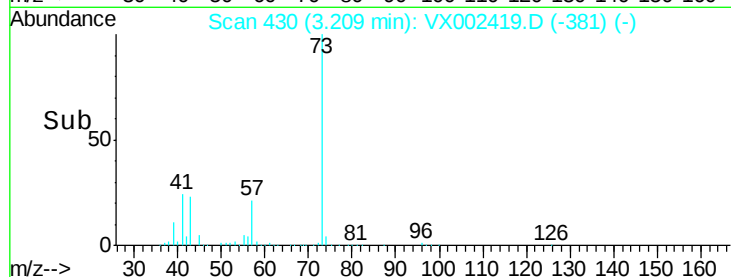
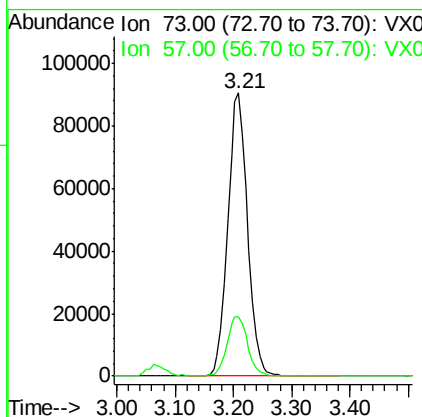
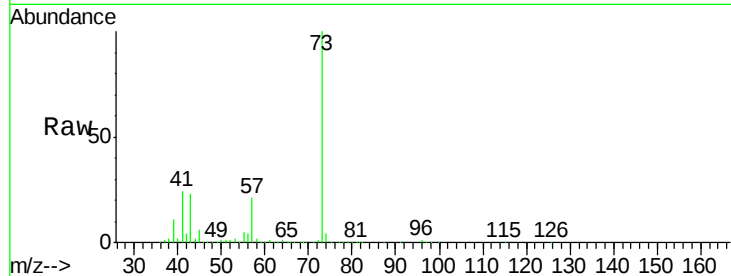
#19
Methvl tert-butvl Ether
Concen: 19.80 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion: 73 Resp: 212792
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5

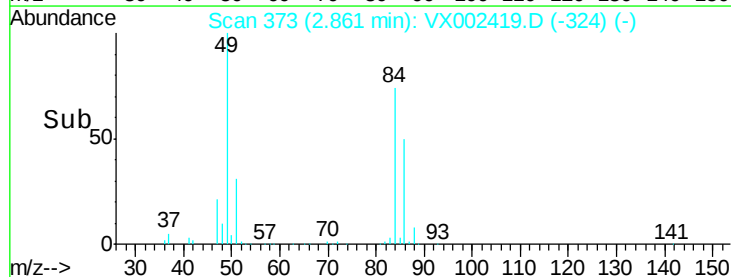
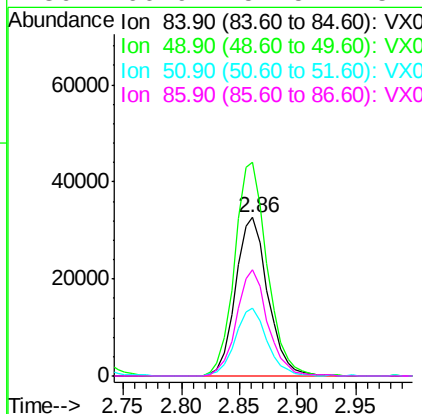
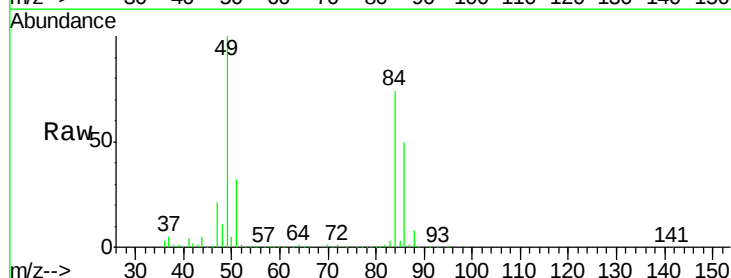
Manual Integrations
APPROVED

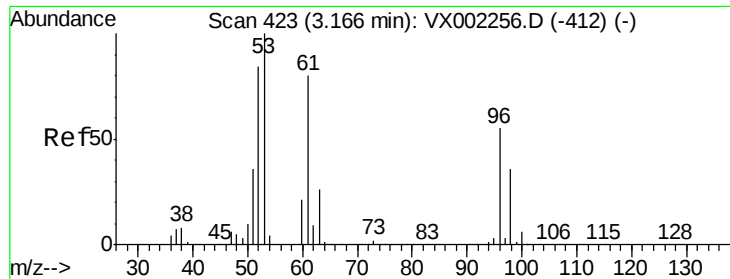
MMDadoda
6/11/2018 2:32:52 PM



#20
Methylene Chloride
Concen: 19.07 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 84 Resp: 63460
Ion Ratio Lower Upper
84 100
49 134.5 107.8 161.6
51 42.5 32.8 49.2
86 66.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002419.D

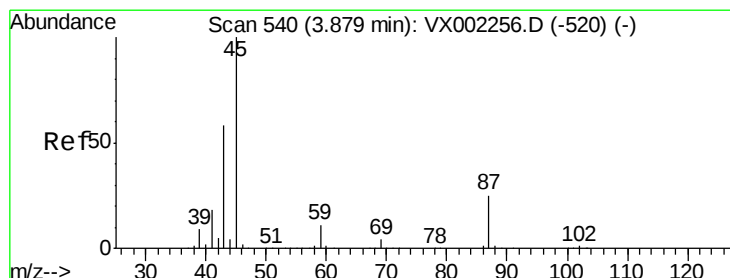
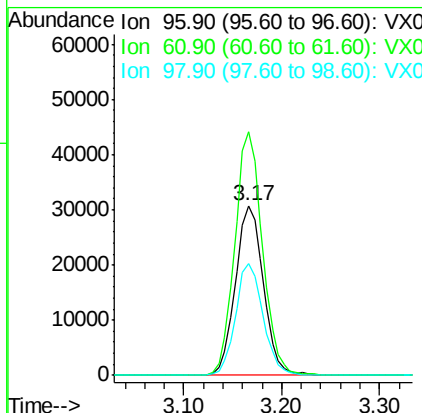
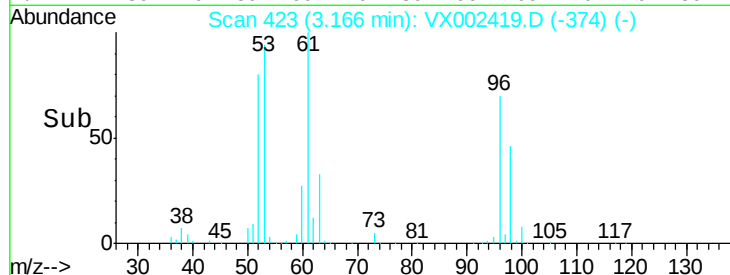
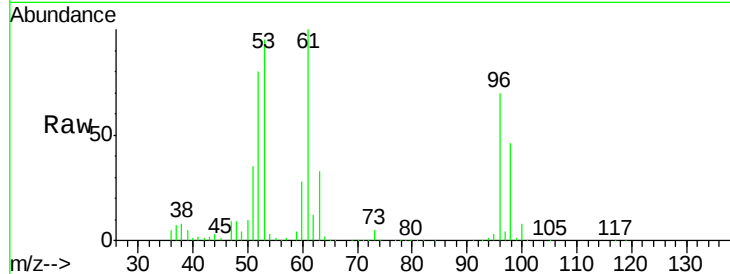
Acq: 09 Jun 2018 14:14

Tot Ion:	96	Resp:	60957
Ion	Ratio	Lower	Upper
96	100		
61	143.4	117.0	175.4
98	65.6	52.4	78.6

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#22

Diisopropyl ether

Concen: 19.99 ug/l

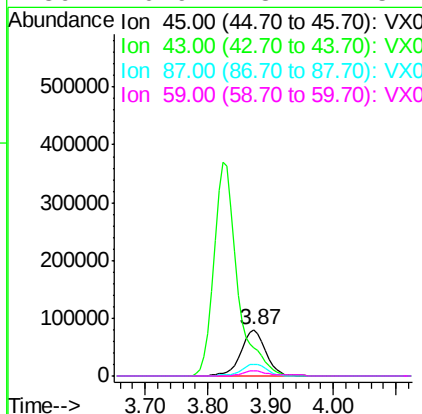
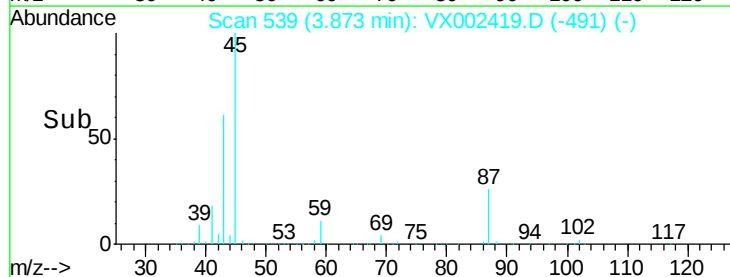
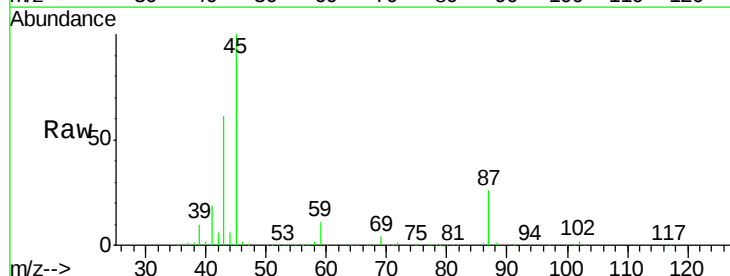
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion:	45	Resp:	217742
Ion	Ratio	Lower	Upper
45	100		
43	61.0	46.8	70.2
87	25.7	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 94.70 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0609WBS01

Tot Ion: 43 Resp: 958174

Ion Ratio Lower Upper

43 100

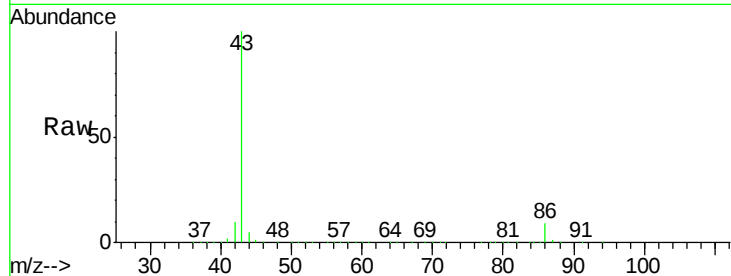
86 9.3 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

200000

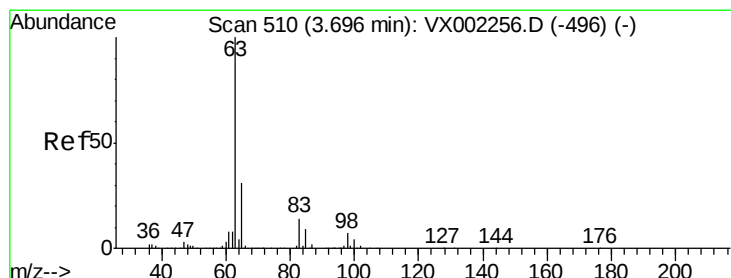
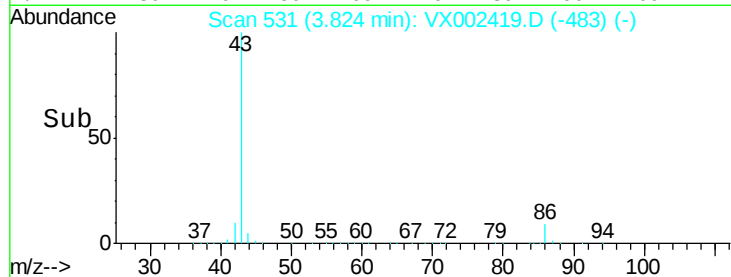
100000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.52 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

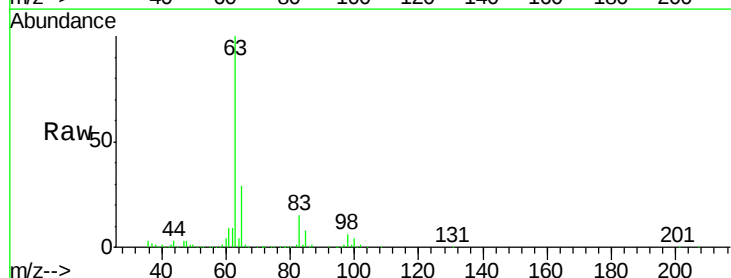
Tgt Ion: 63 Resp: 120437

Ion Ratio Lower Upper

63 100

98 5.9 3.4 10.2

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

40000

20000

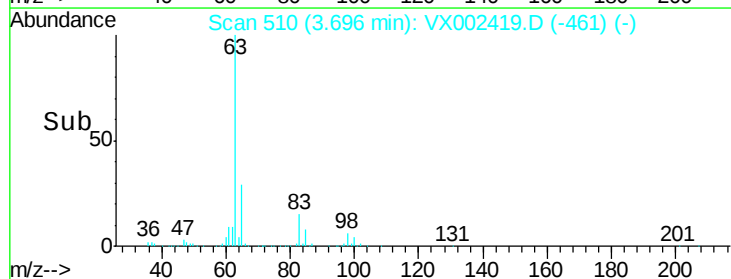
0

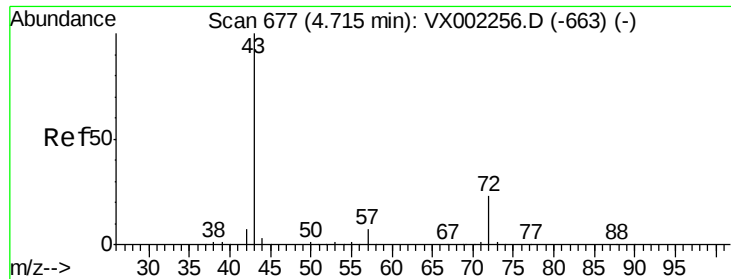
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 84.29 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

Tot Ion: 43 Resp: 223270

Ion Ratio Lower Upper

43 100

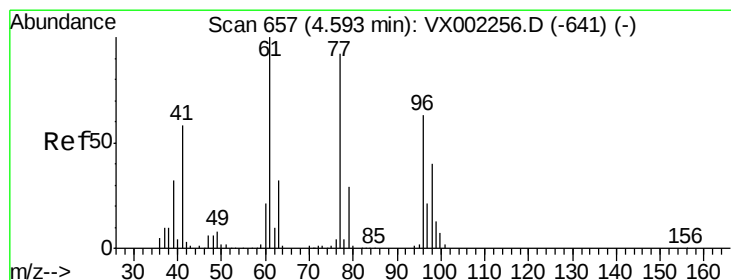
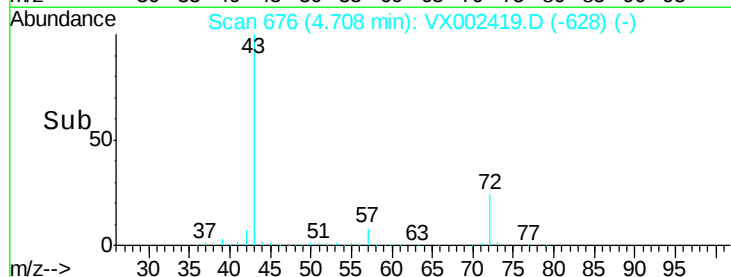
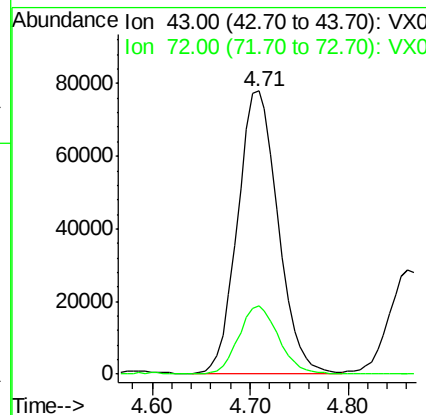
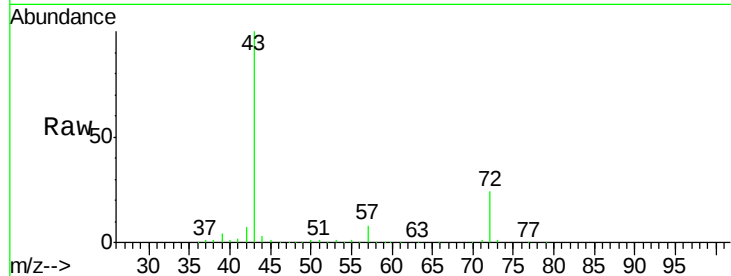
72 23.9 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:52 PM



#26

2,2-Dichloropropane

Concen: 17.66 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002419.D

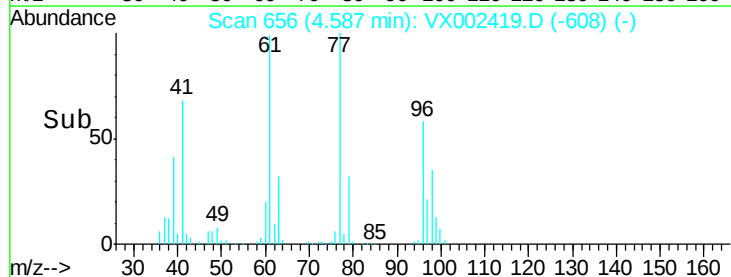
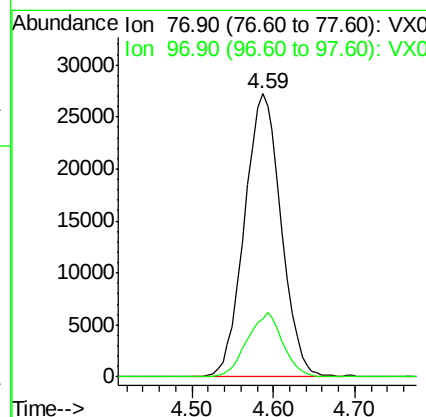
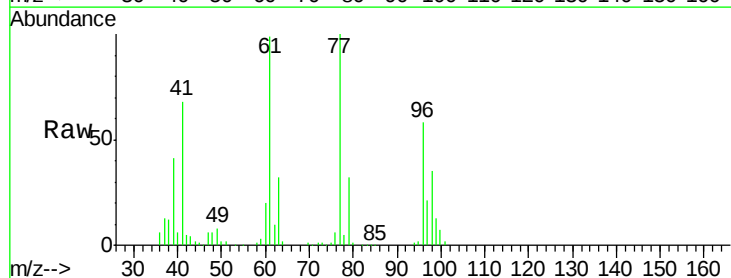
Acq: 09 Jun 2018 14:14

Tgt Ion: 77 Resp: 85176

Ion Ratio Lower Upper

77 100

97 22.1 11.2 33.5





#27

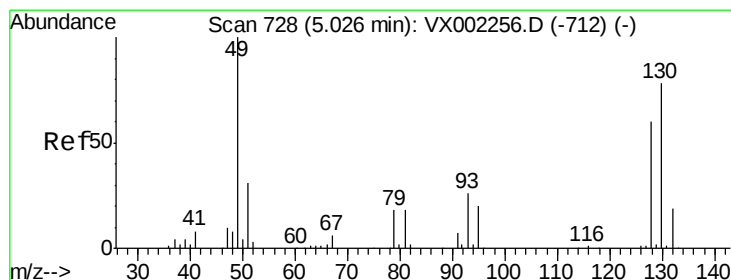
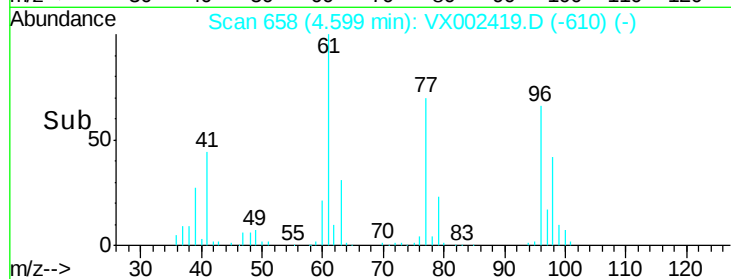
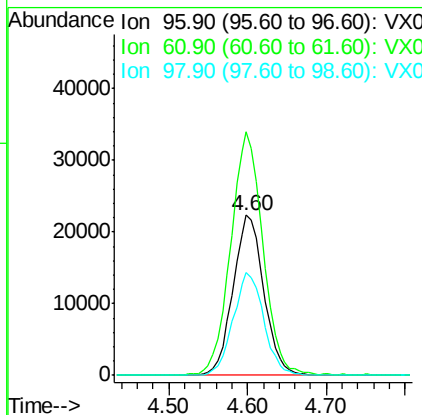
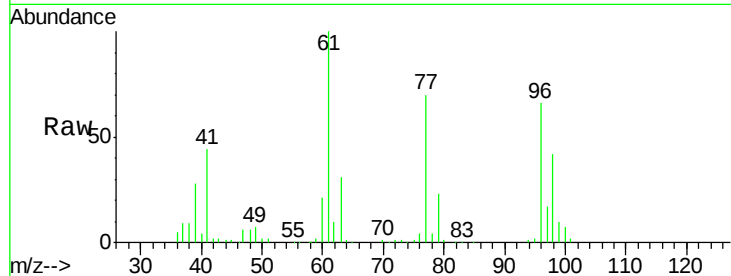
cis-1,2-Dichloroethene
Concen: 17.57 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	330.2
98	64.3	0.0	130.2

Manual Integrations
APPROVED

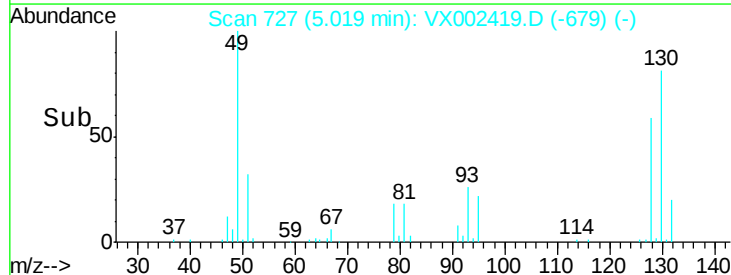
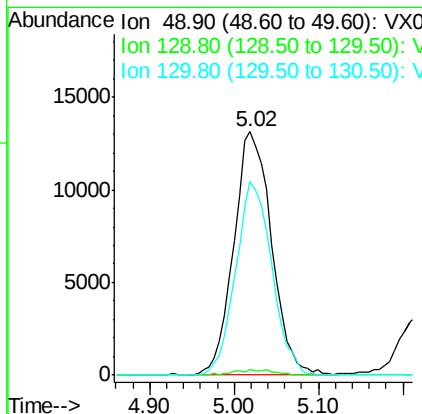
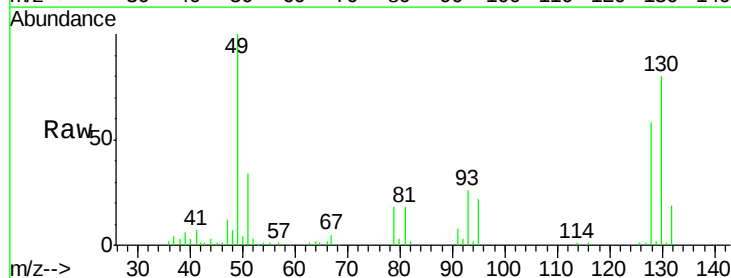
MMDadoda
6/11/2018 2:32:52 PM

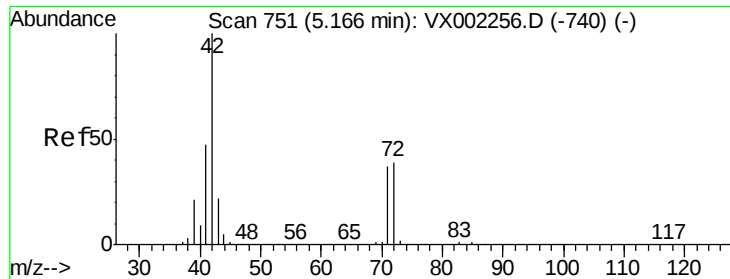


#28

Bromochloromethane
Concen: 12.56 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	76.1	61.2	91.8





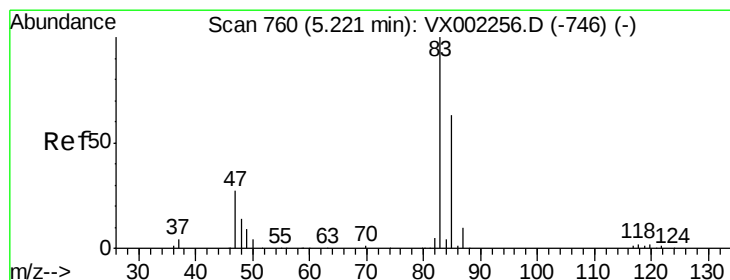
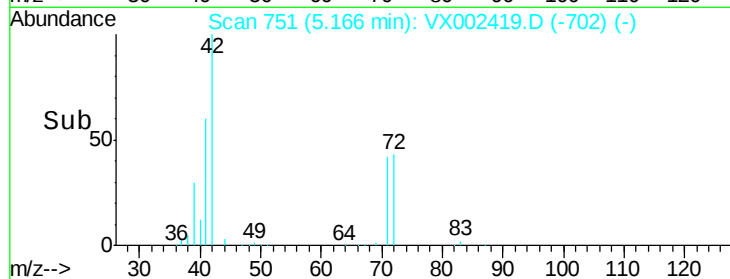
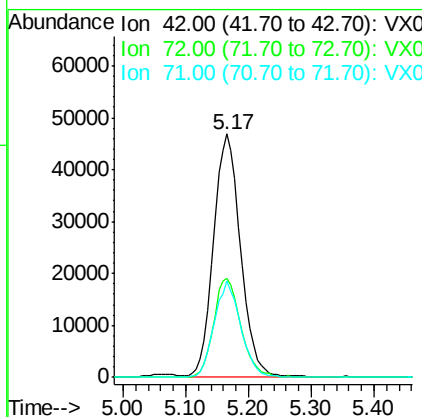
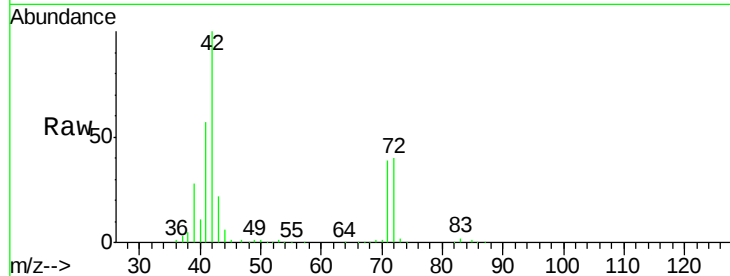
#29
Tetrahydrofuran
Concen: 81.44 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.0	48.0
71	38.6	30.1	45.1

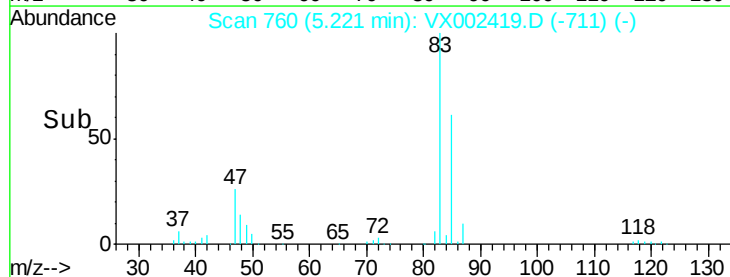
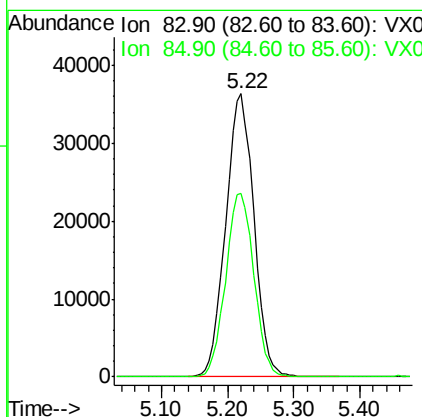
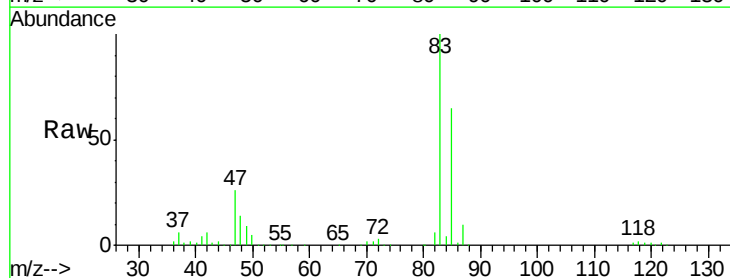
Manual Integrations
APPROVED

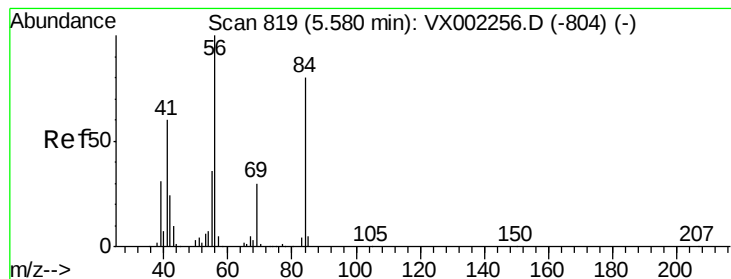
MMDadoda
6/11/2018 2:32:52 PM



#30
Chloroform
Concen: 18.04 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.4	75.6





#31

Cyclohexane

Concen: 19.33 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

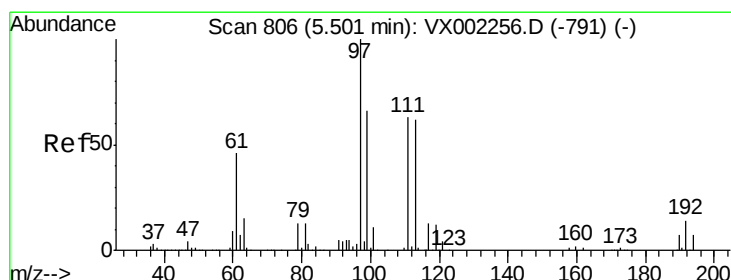
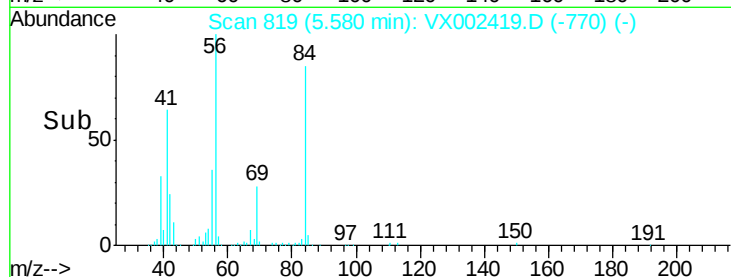
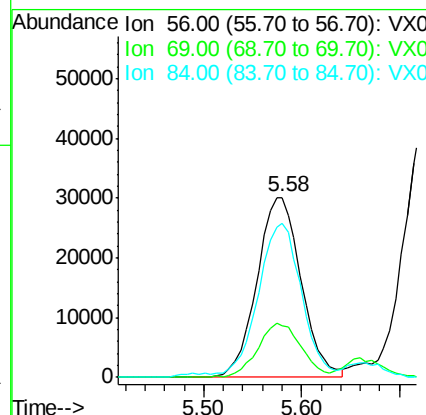
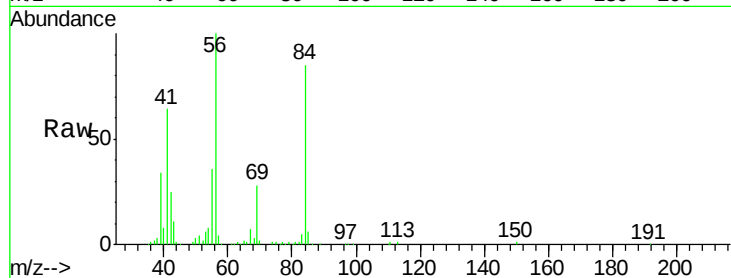
ClientSampleId :

VX0609WBS01

Tot Ion:	56	Resp:	94299
Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.7	35.5
84	83.5	64.1	96.1

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#32

1,1,1-Trichloroethane

Concen: 18.56 ug/l

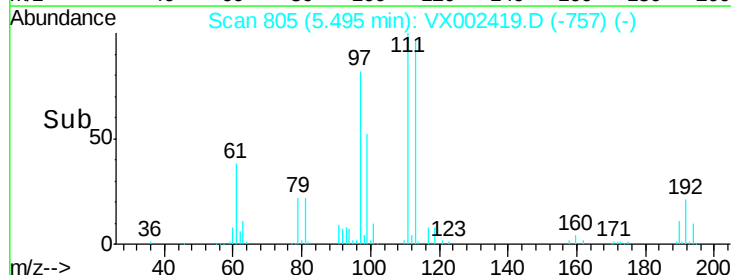
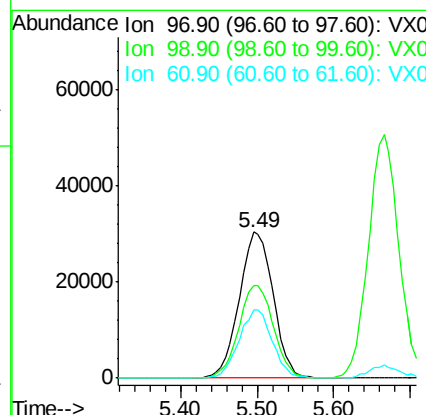
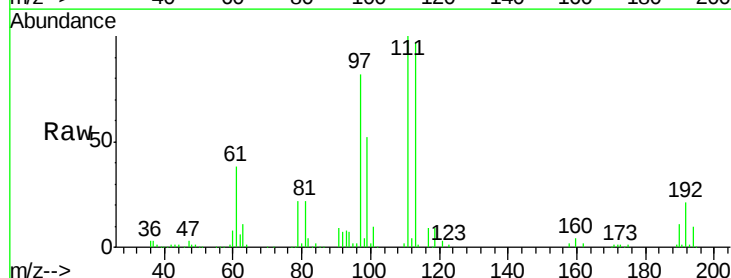
RT: 5.49 min Scan# 805

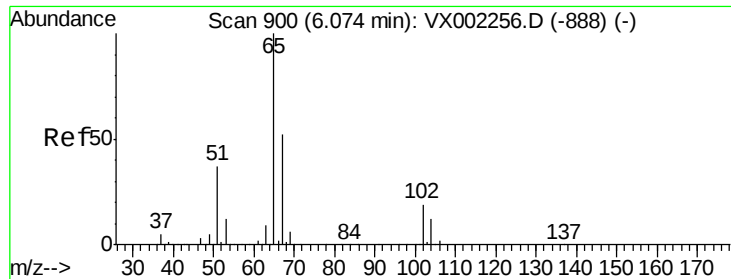
Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion:	97	Resp:	93677
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	46.2	36.4	54.6





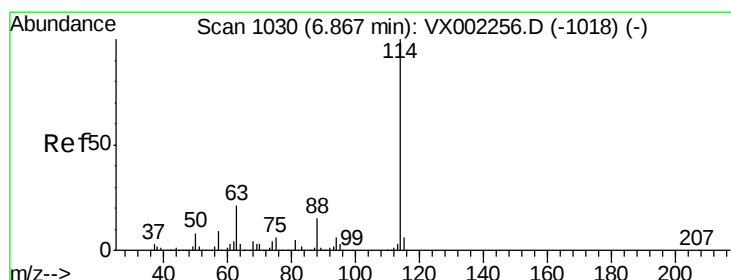
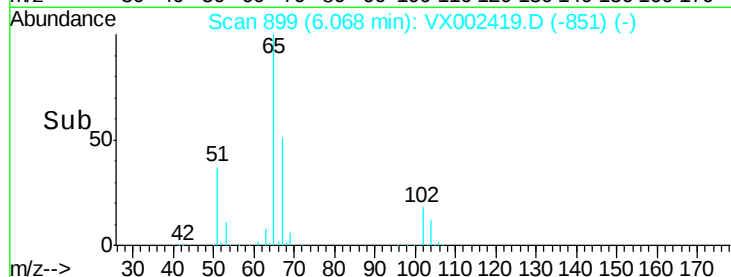
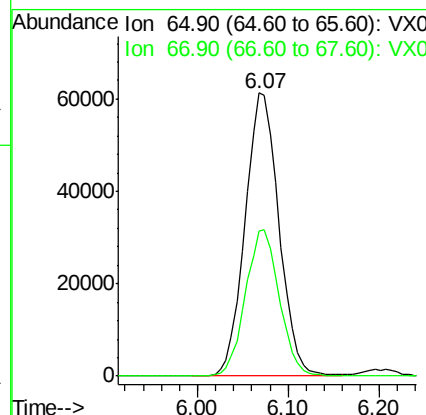
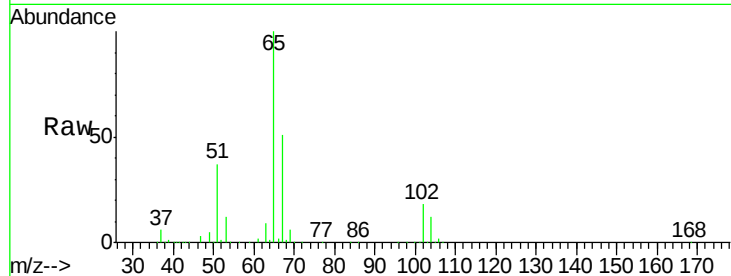
#33
 1,2-Dichloroethane-d4
 Concen: 40.39 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158592		
67	51.7	0.0	102.6	

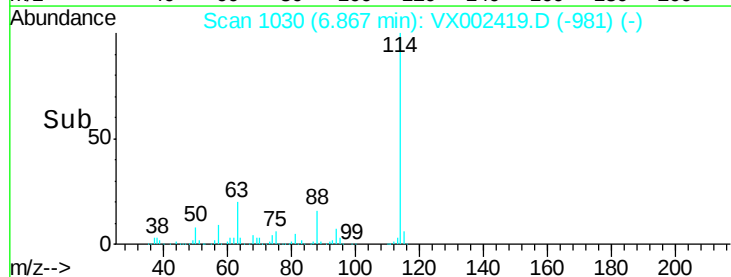
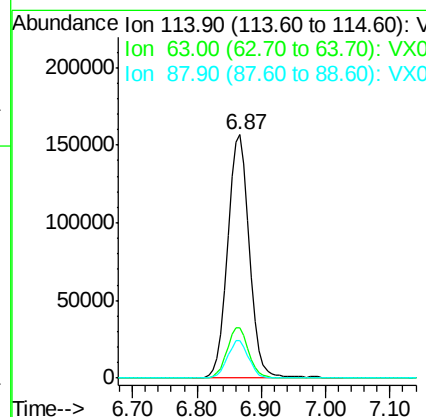
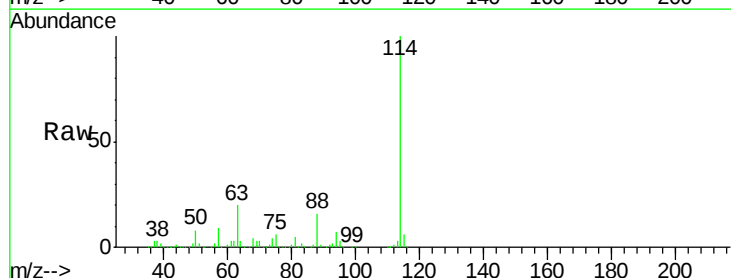
Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375567		
63	20.4	0.0	41.4	
88	15.5	0.0	30.0	





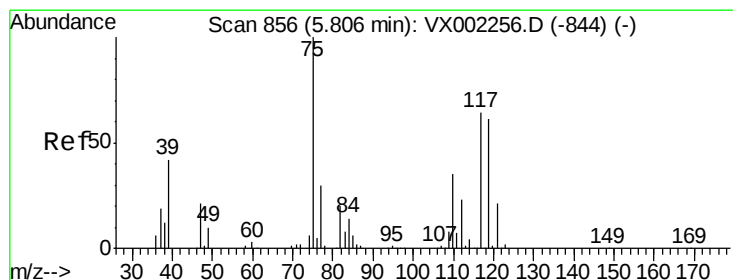
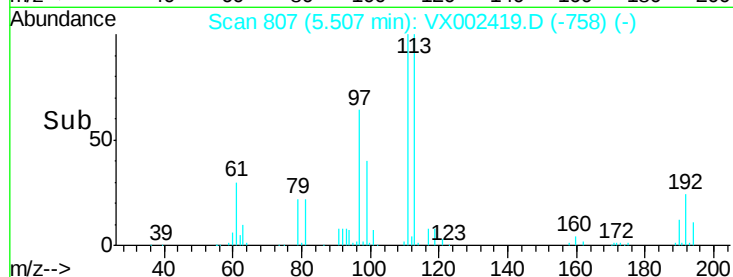
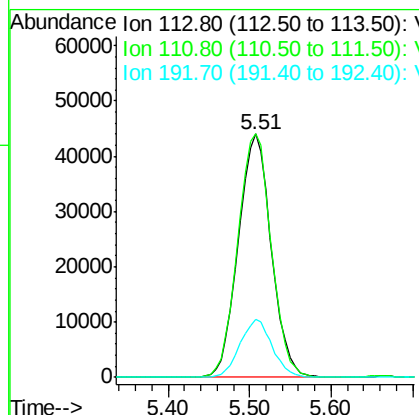
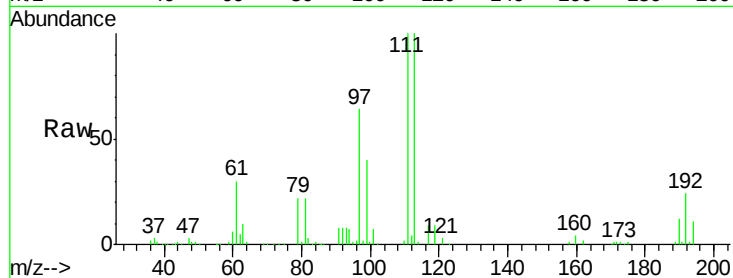
#35
Dibromofluoromethane
Concen: 41.68 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123103		
111	101.4	81.4	122.0	
192	23.3	19.1	28.7	

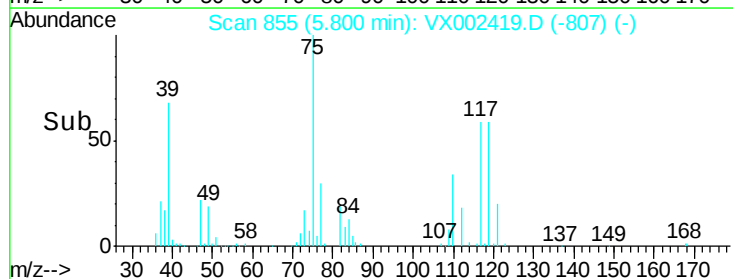
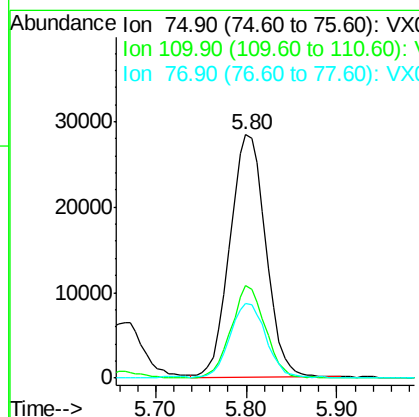
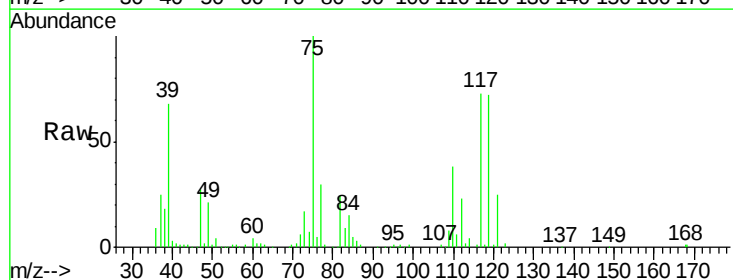
Manual Integrations
APPROVED

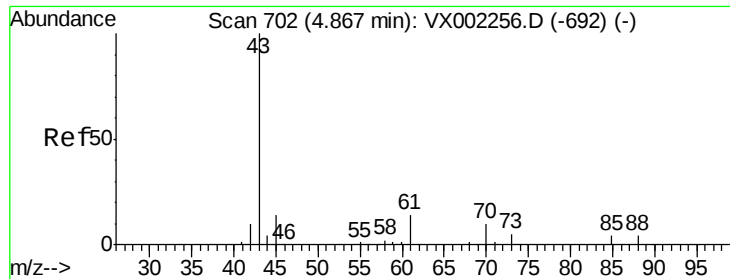
MMDadoda
6/11/2018 2:32:52 PM



#36
1,1-Dichloropropene
Concen: 19.67 ug/l
RT: 5.80 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77665		
110	36.6	18.1	54.4	
77	30.9	24.3	36.5	





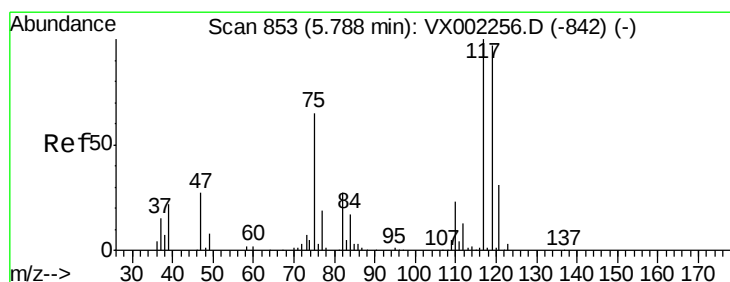
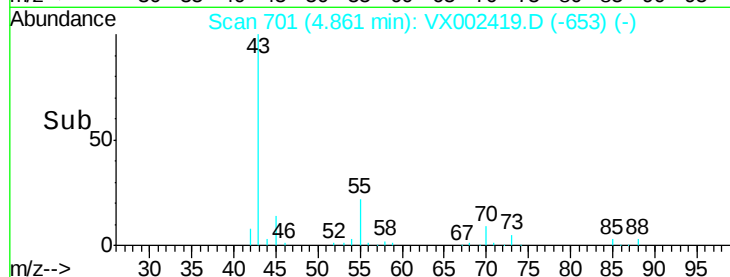
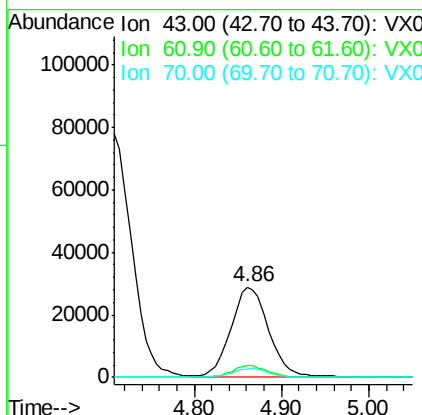
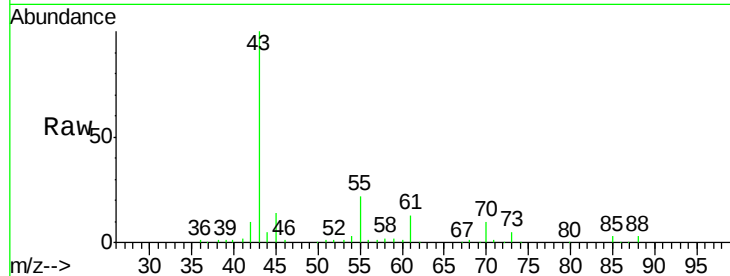
#37
Ethyl Acetate
Concen: 17.92 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.8	7.6	11.4

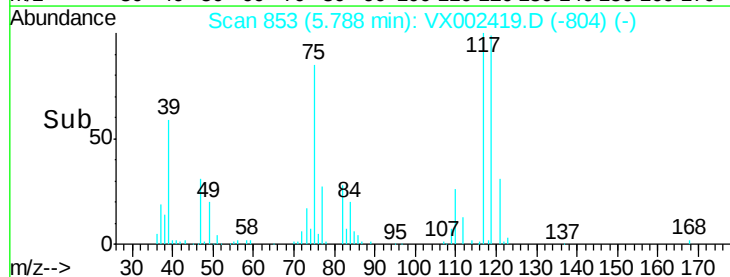
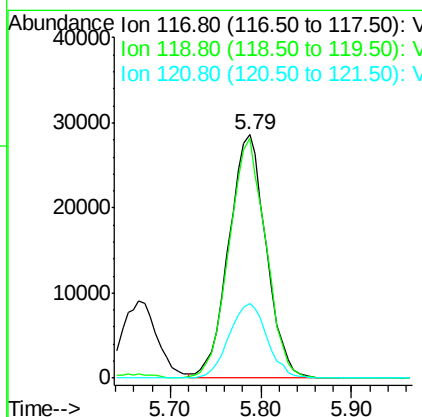
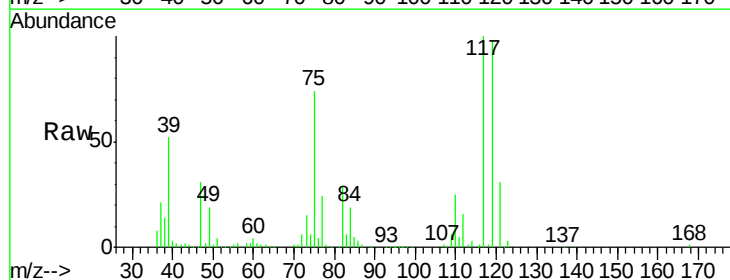
Manual Integrations
APPROVED

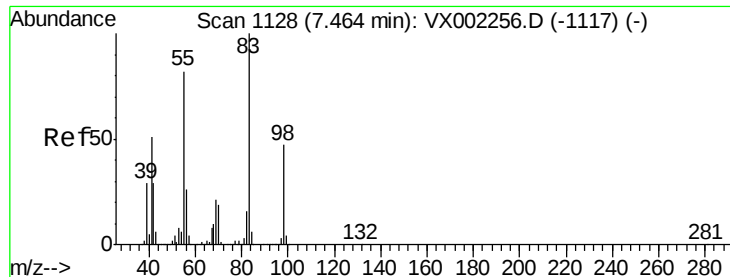
MMDadoda
6/11/2018 2:32:52 PM



#38
Carbon Tetrachloride
Concen: 19.79 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
121	30.8	24.4	36.6





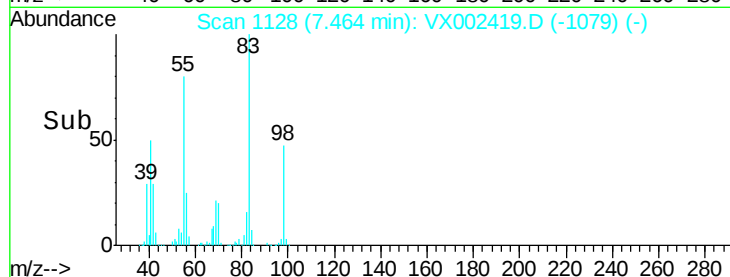
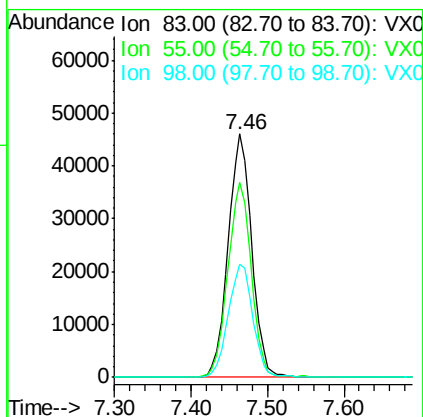
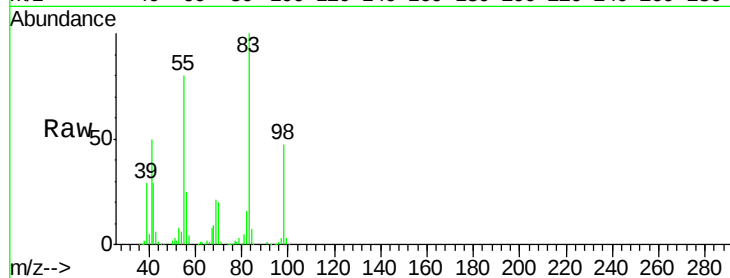
#39
Methvlcvclohexane
Concen: 20.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	65.4	98.0
98	46.7	37.4	56.0

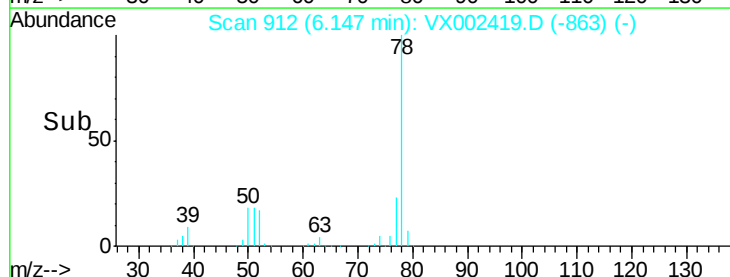
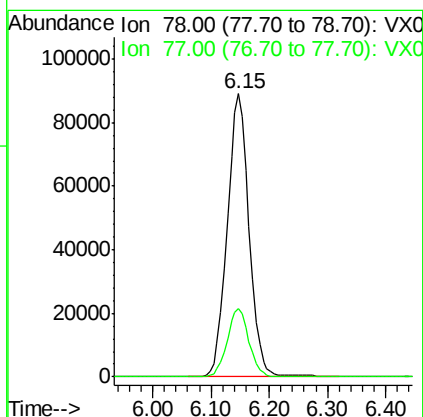
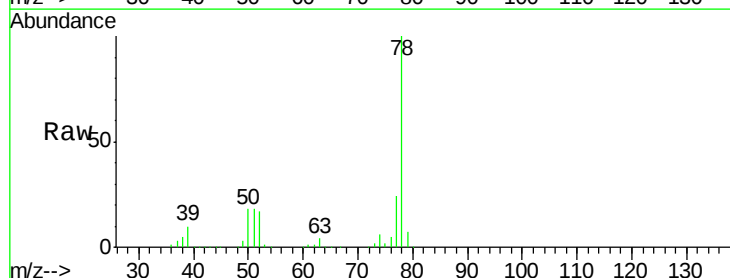
Manual Integrations
APPROVED

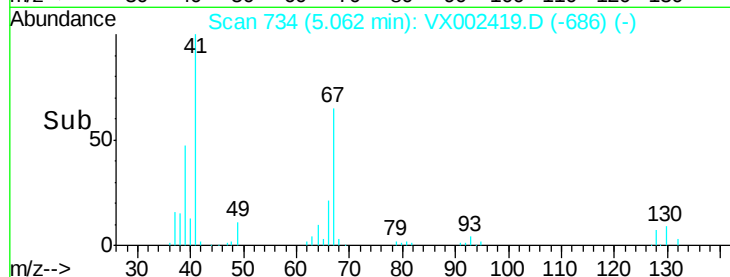
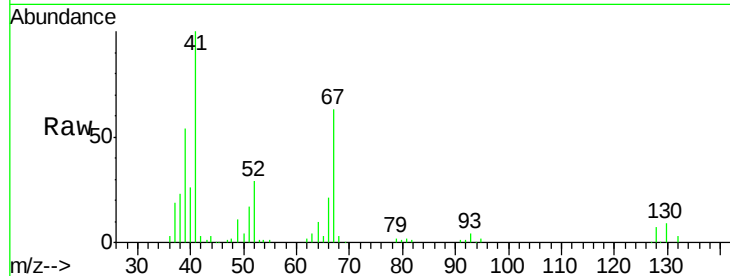
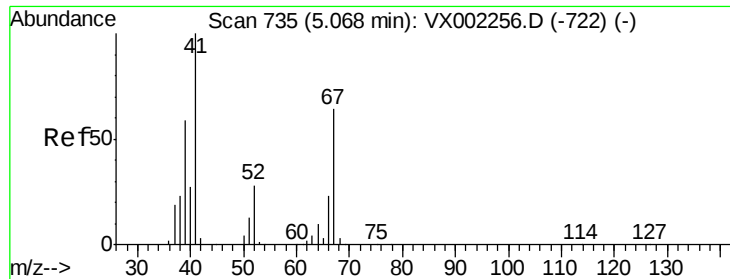
MMDadoda
6/11/2018 2:32:52 PM



#40
Benzene
Concen: 19.14 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





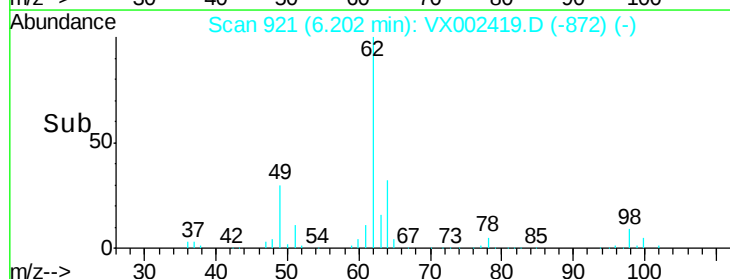
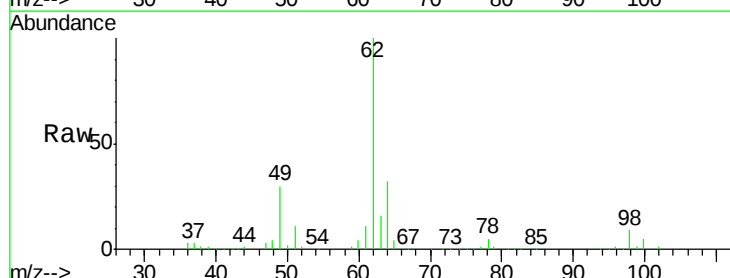
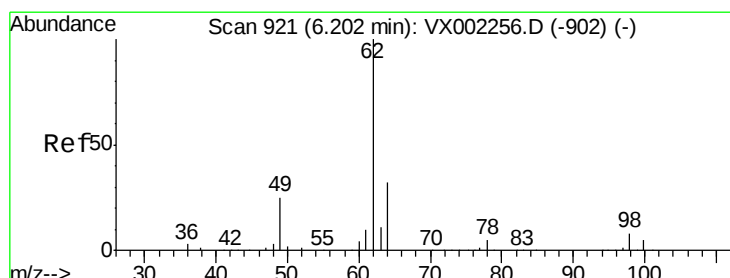
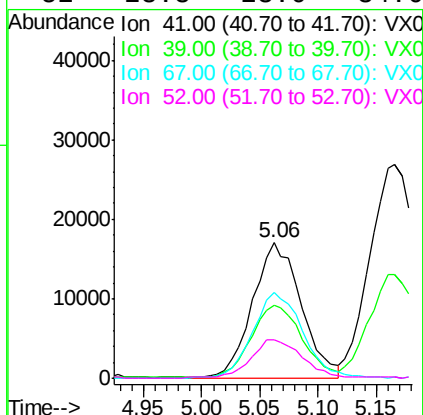
#41
Methacrylonitrile
Concen: 18.10 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	45.8	68.6	
67	65.4	51.3	76.9	
52	28.8	23.0	34.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

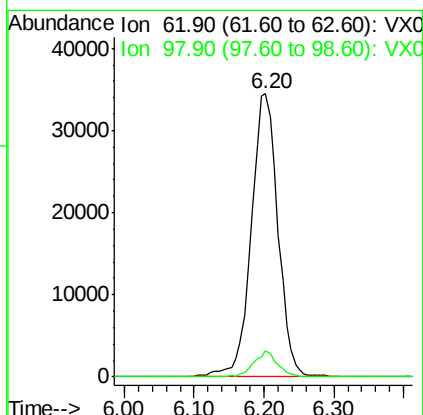
Manual Integrations
APPROVED

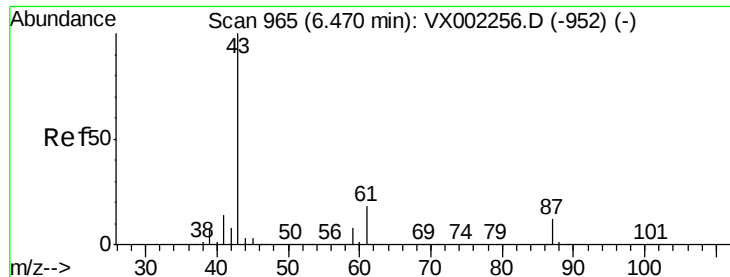
MMDadoda
6/11/2018 2:32:52 PM



#42
1,2-Dichloroethane
Concen: 19.03 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.6	





#43

Isopropyl Acetate

Concen: 17.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

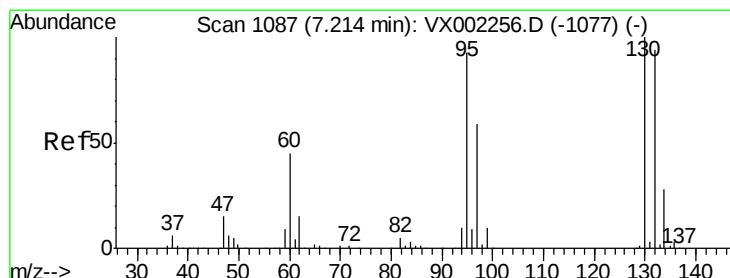
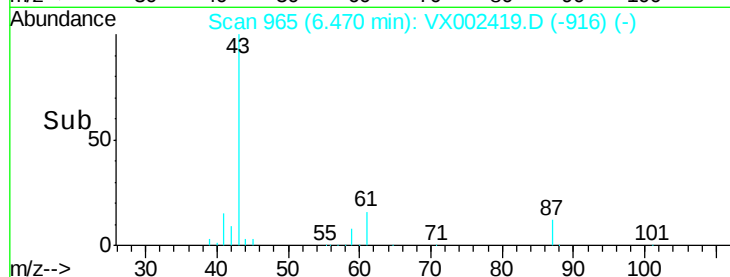
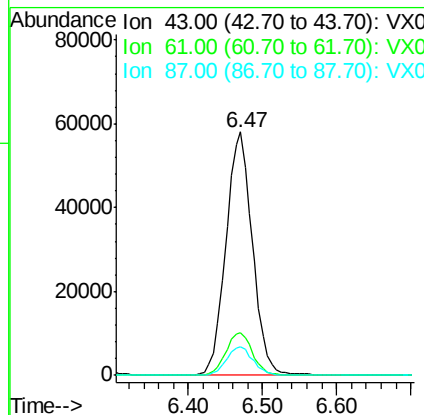
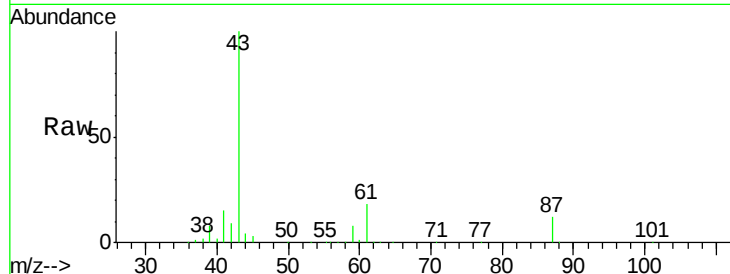
ClientSampleId :

VX0609WBS01

Tot Ion:	43	Resp:	142687
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	12.0	9.5	14.3

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#44

Trichloroethene

Concen: 19.75 ug/l

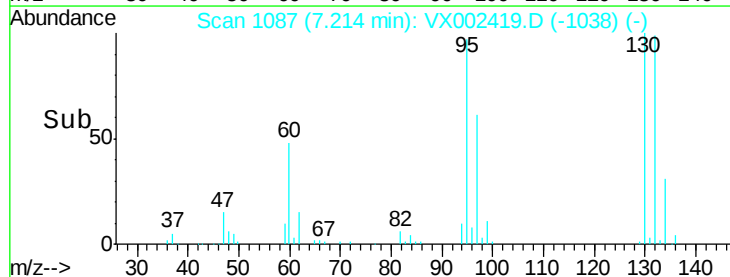
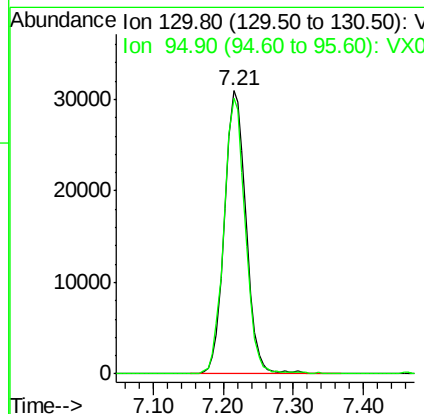
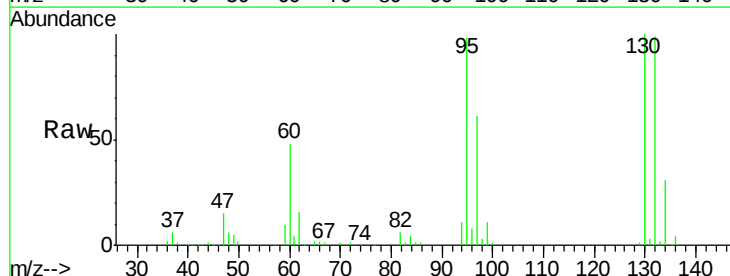
RT: 7.21 min Scan# 1087

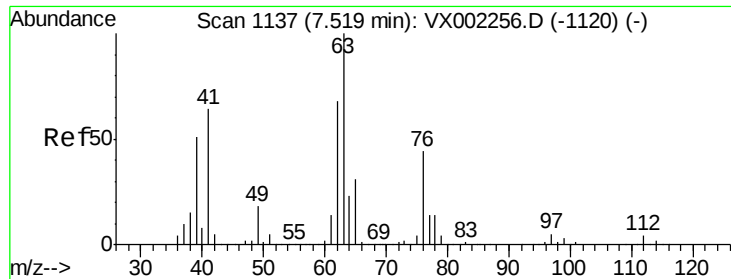
Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion:	130	Resp:	66342
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	185.4





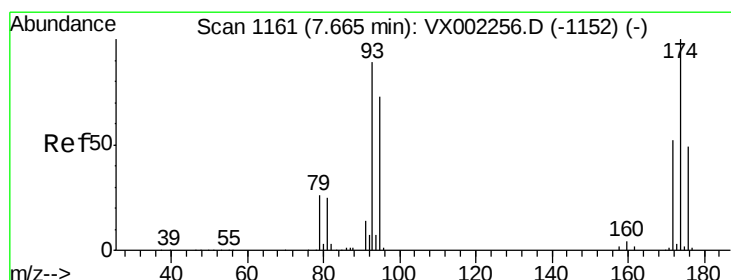
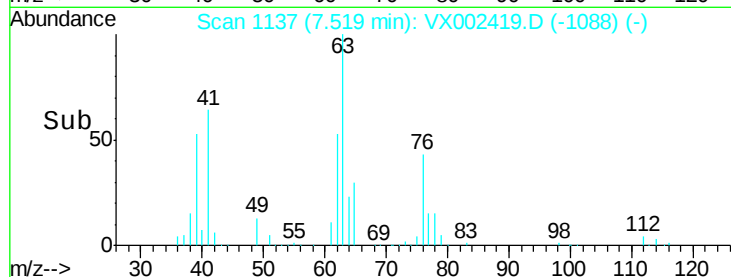
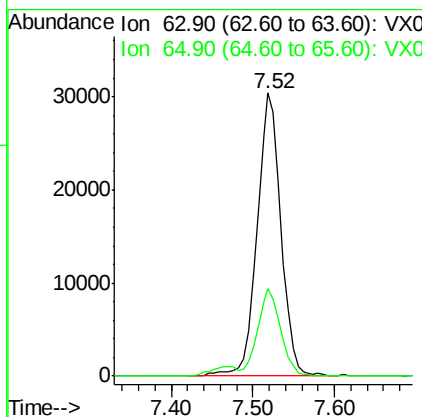
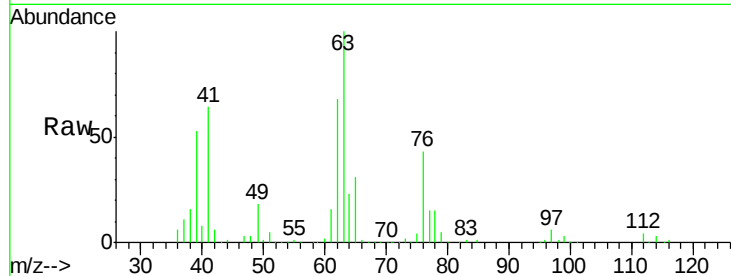
#45
 1,2-Dichloropropane
 Concen: 19.06 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0609WBS01

Tot Ion: 63 Resp: 62295
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1

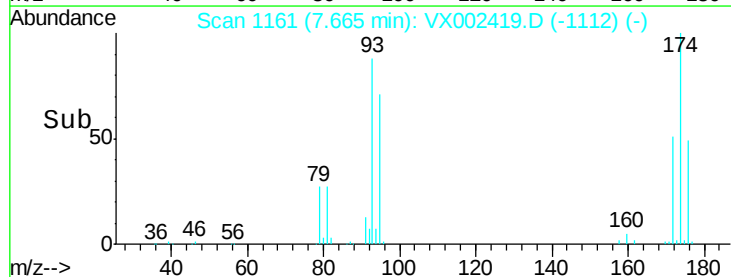
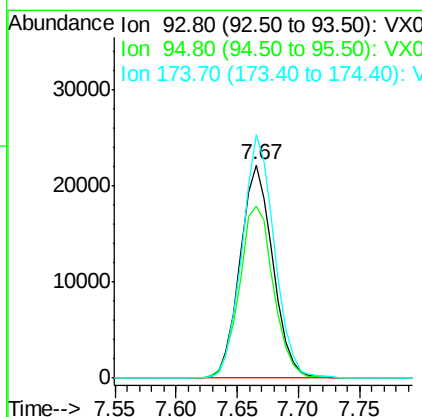
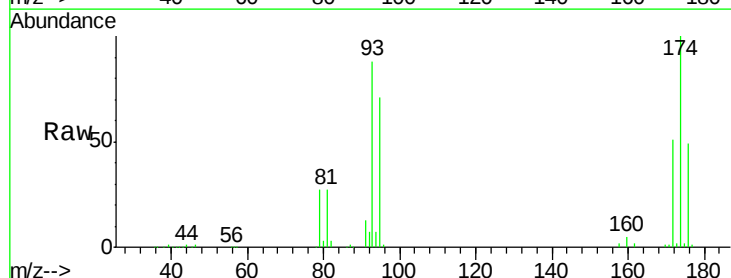
Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:52 PM



#46
 Dibromomethane
 Concen: 18.64 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion: 93 Resp: 41304
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.9 98.9
 174 112.7 92.4 138.6





#47

Bromodichloromethane

Concen: 18.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

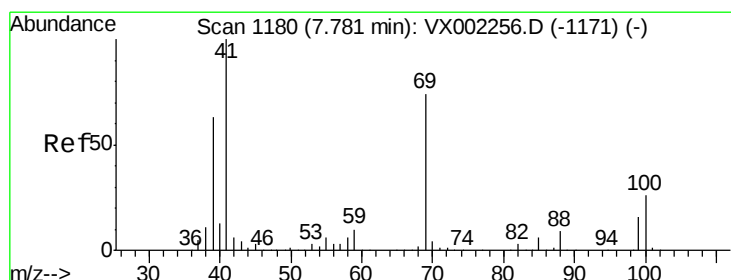
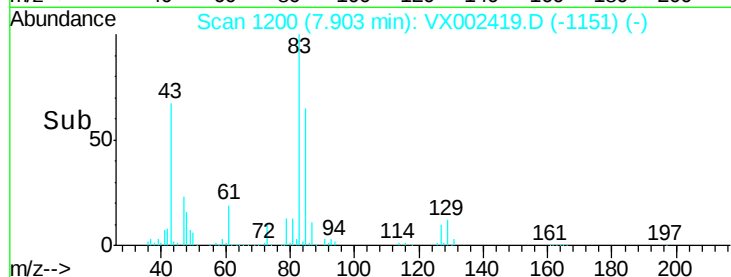
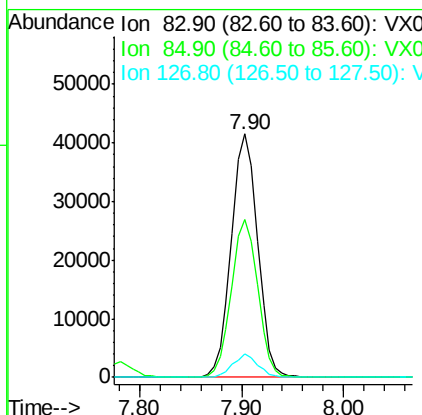
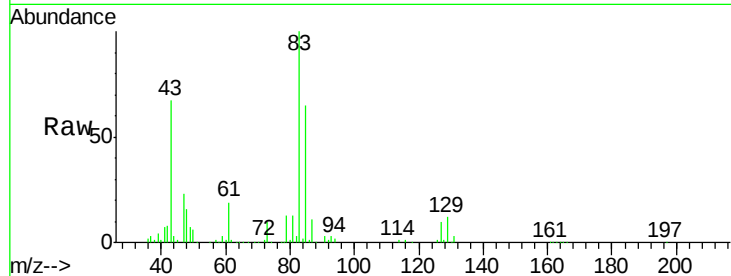
ClientSampled :

VX0609WBS01

Tot Ion:	83	Resp:	74229
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5
127	9.7	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#48

Methyl methacrylate

Concen: 17.99 ug/l

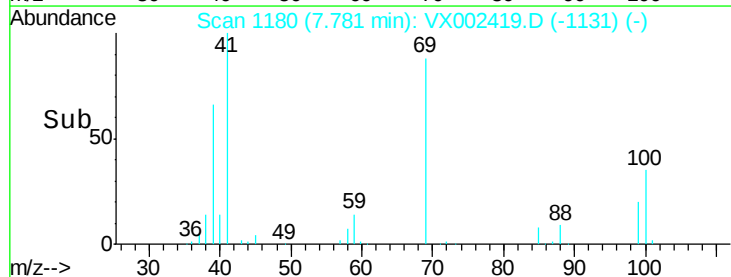
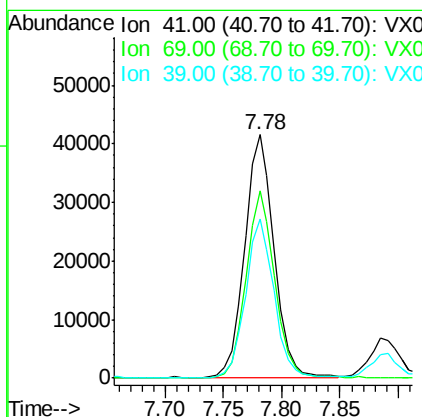
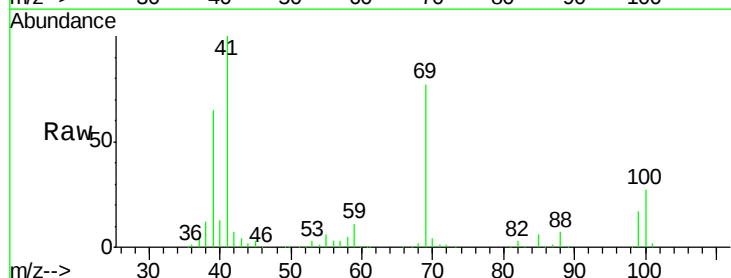
RT: 7.78 min Scan# 1180

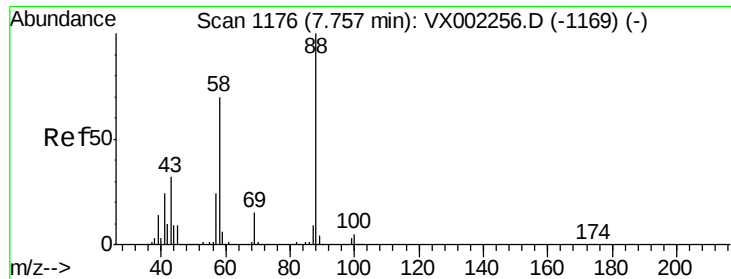
Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion:	41	Resp:	72895
Ion	Ratio	Lower	Upper
41	100		
69	75.6	59.1	88.7
39	62.8	48.9	73.3





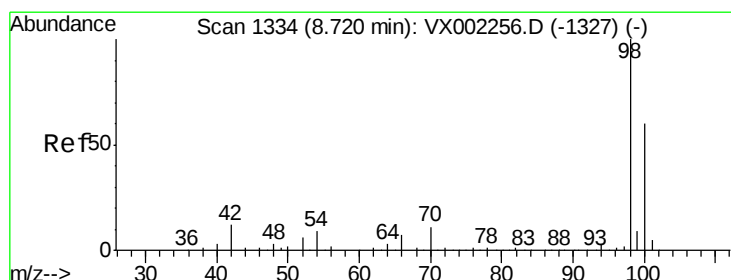
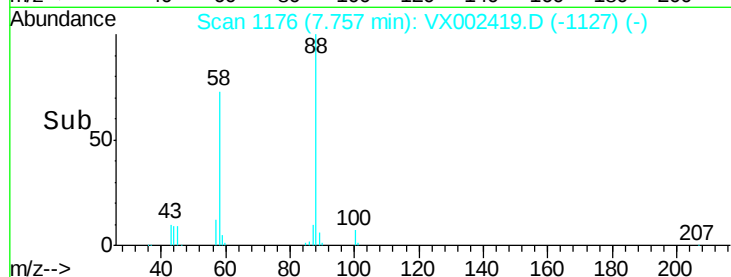
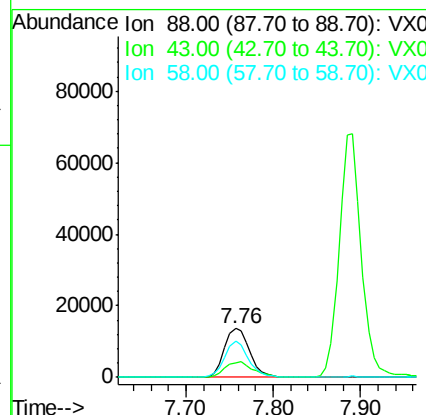
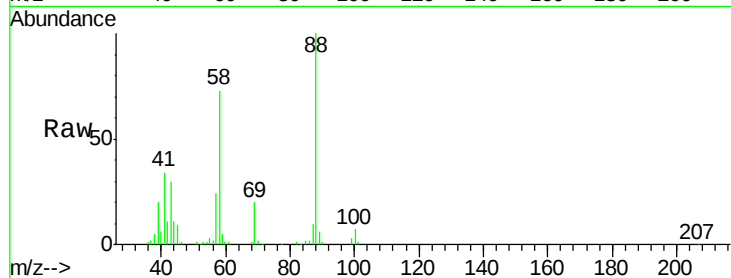
#49
1,4-Dioxane
Concen: 364.64 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	29.8	44.6
58	70.3	57.1	85.7

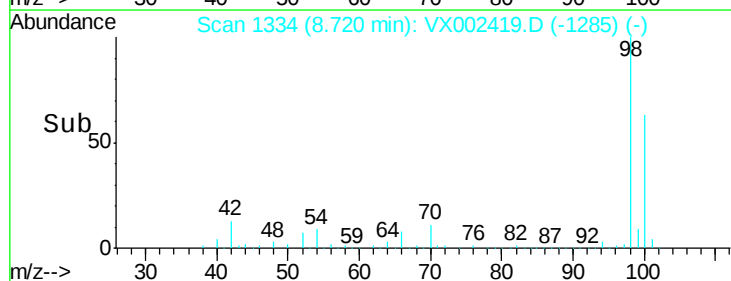
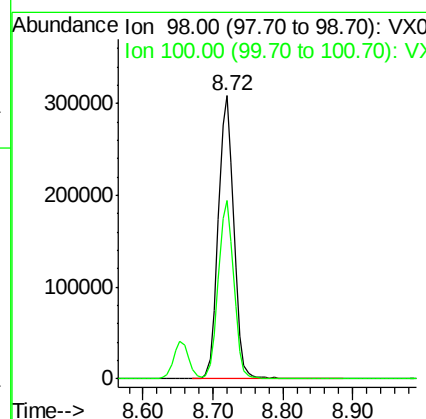
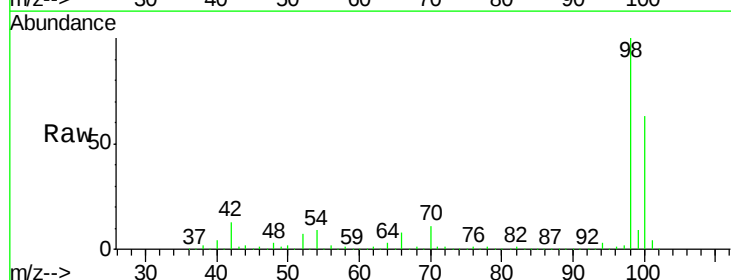
Manual Integrations
APPROVED

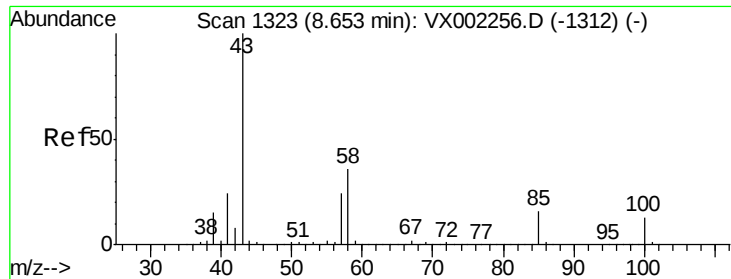
MMDadoda
6/11/2018 2:32:52 PM



#50
Toluene-d8
Concen: 41.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 91.37 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

Tot Ion: 43 Resp: 458883

Ion Ratio Lower Upper

43 100

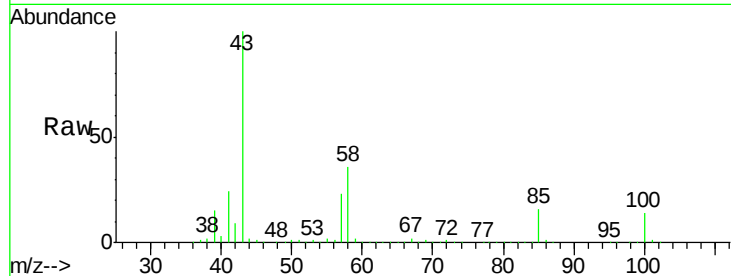
58 35.6 28.6 42.8

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

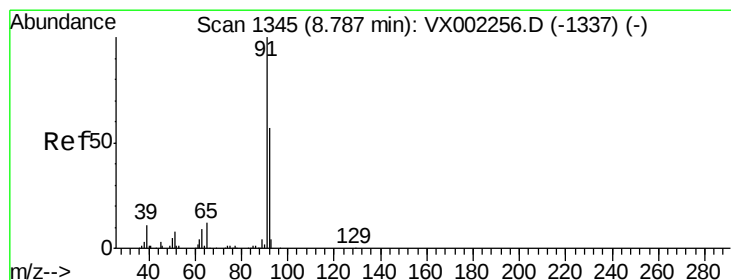
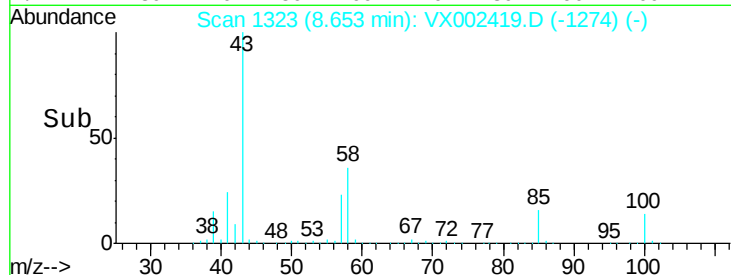
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.56 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002419.D

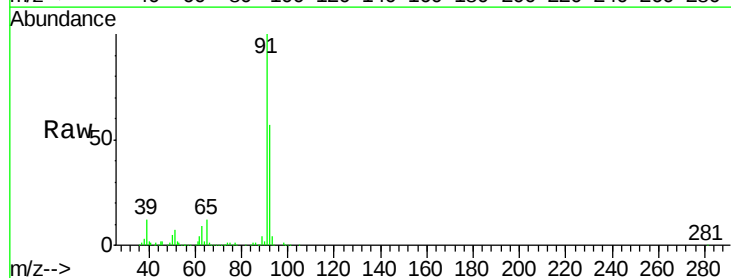
Acq: 09 Jun 2018 14:14

Tgt Ion: 92 Resp: 150634

Ion Ratio Lower Upper

92 100

91 176.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

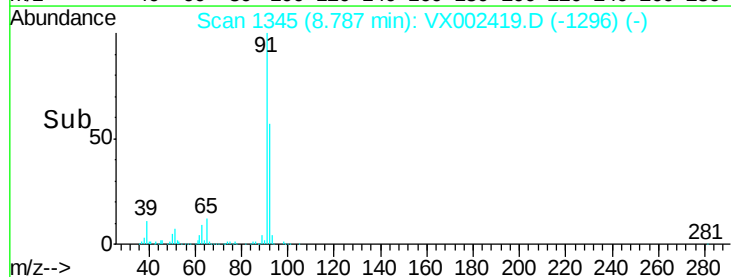
100000

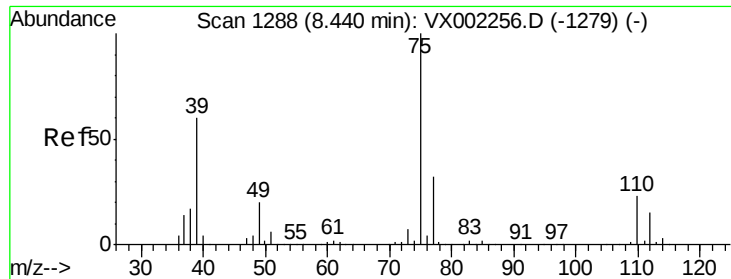
50000

0

8.70 8.80 8.90

Time-->





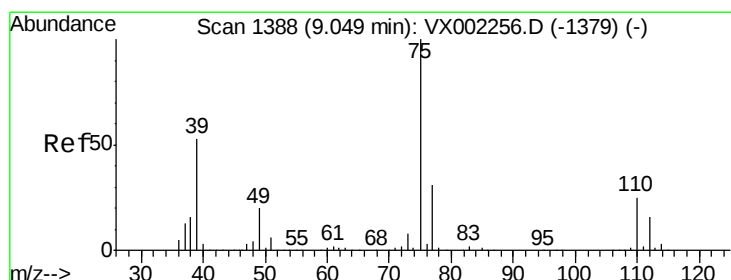
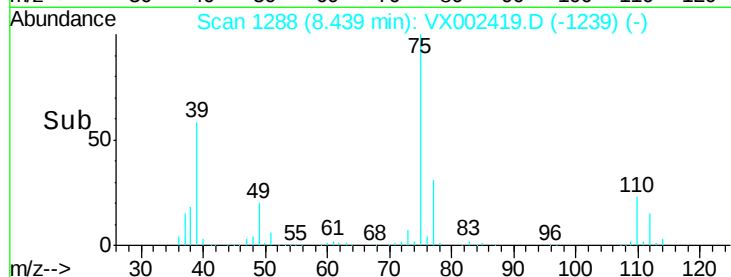
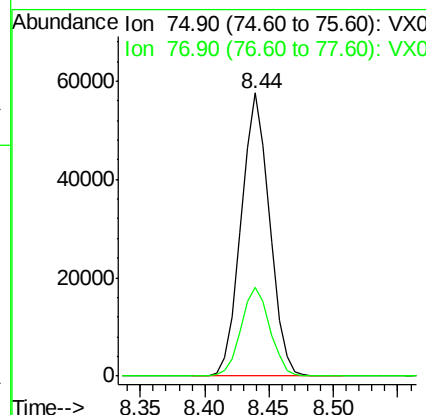
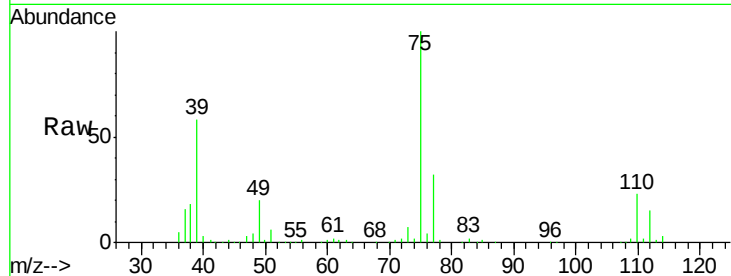
#53
t-1,3-Dichloropropene
Concen: 18.38 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion: 75 Resp: 88333
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

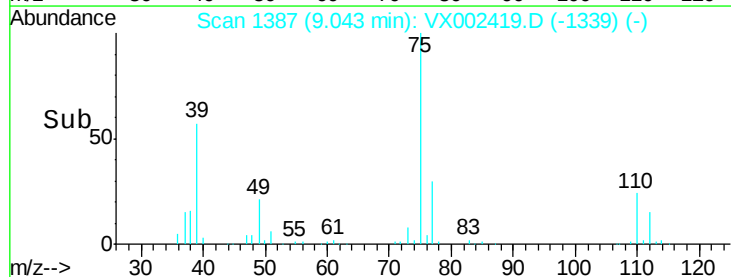
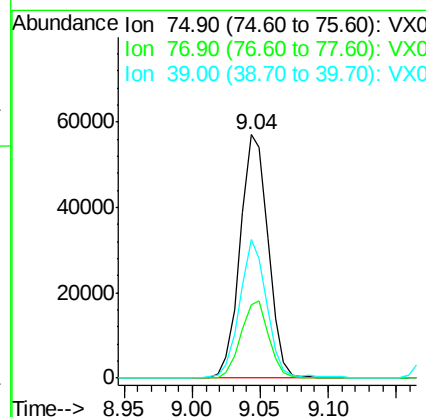
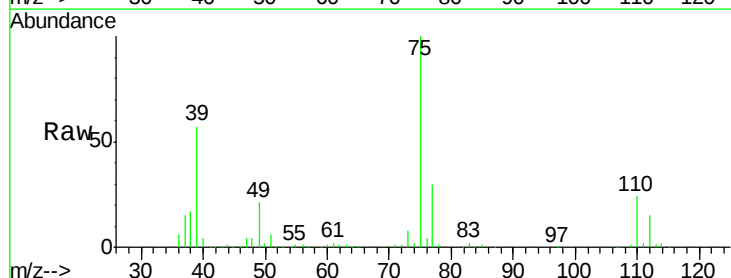
Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#54
cis-1,3-Dichloropropene
Concen: 18.09 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 75 Resp: 82007
Ion Ratio Lower Upper
75 100
77 30.3 24.8 37.2
39 56.8 42.4 63.6





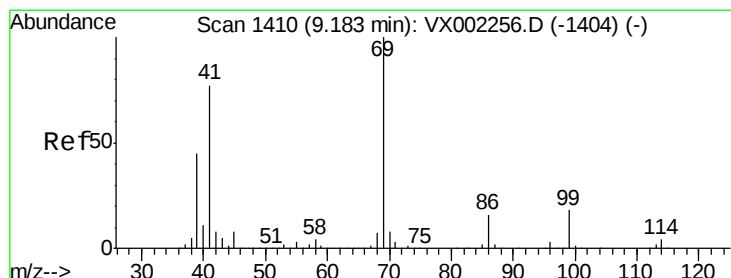
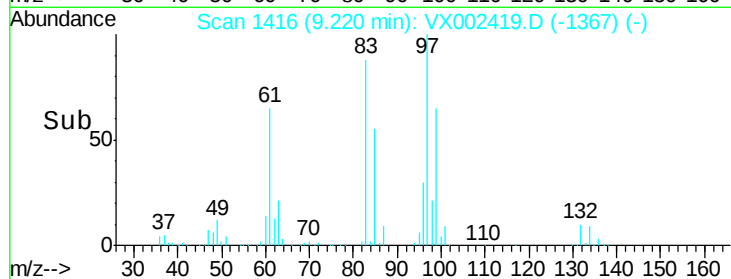
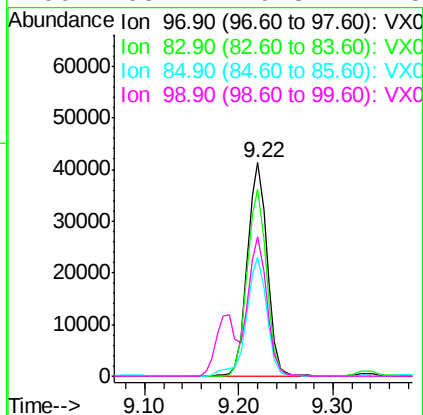
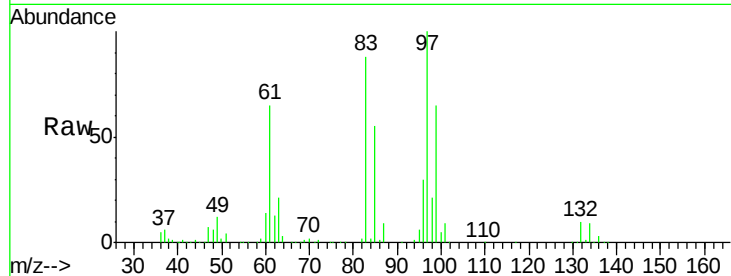
#55
 1,1,2-Trichloroethane
 Concen: 19.27 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Tot Ion:	97	Resp:	61019
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.2	105.2
85	55.5	44.9	67.3
99	65.1	49.8	74.8

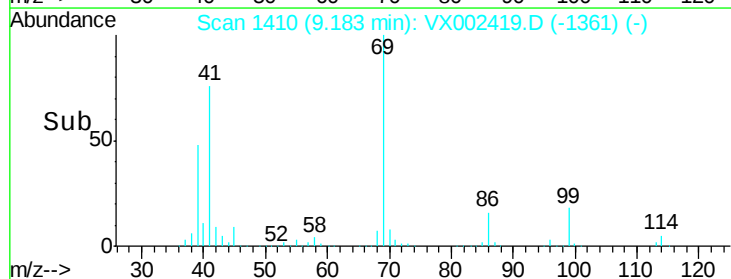
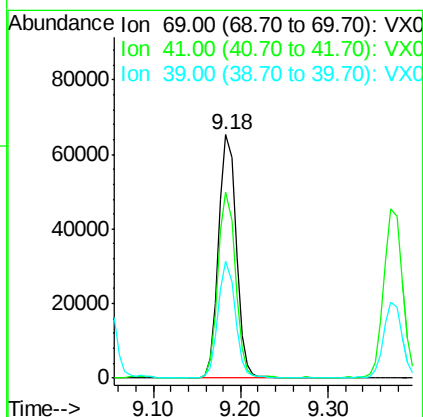
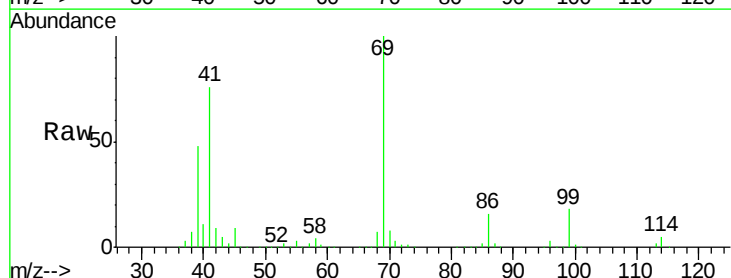
Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:52 PM



#56
 Ethyl methacrylate
 Concen: 18.06 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion:	69	Resp:	91299
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	46.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.22 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0609WBS01

Tot Ion: 76 Resp: 102093

Ion Ratio Lower Upper

76 100

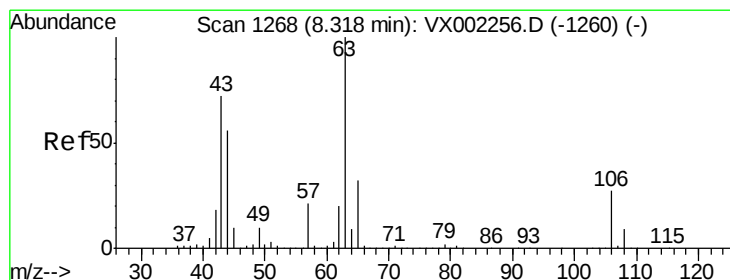
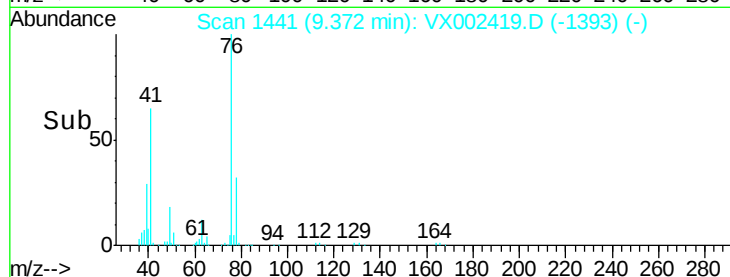
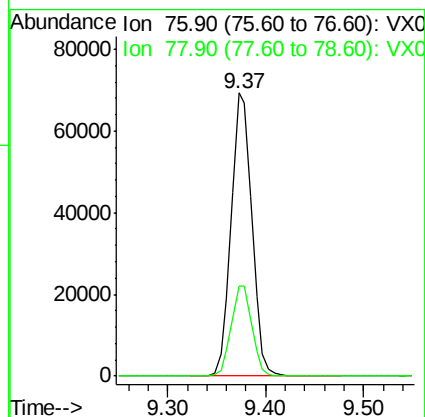
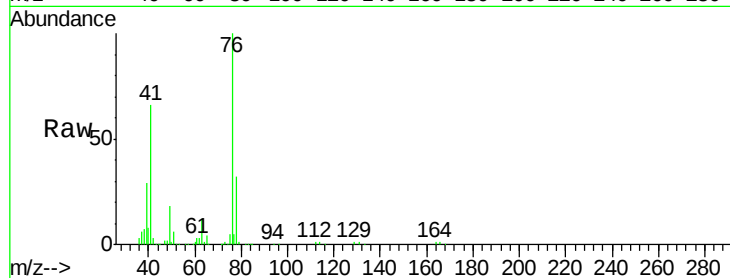
78 32.1 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:52 PM



#58

2-Chloroethyl Vinyl ether

Concen: 95.35 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002419.D

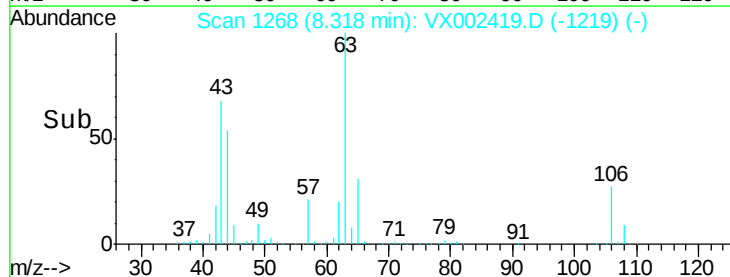
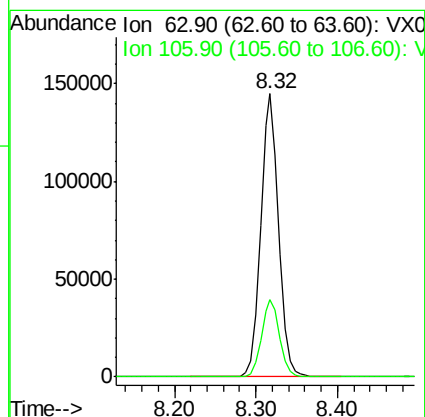
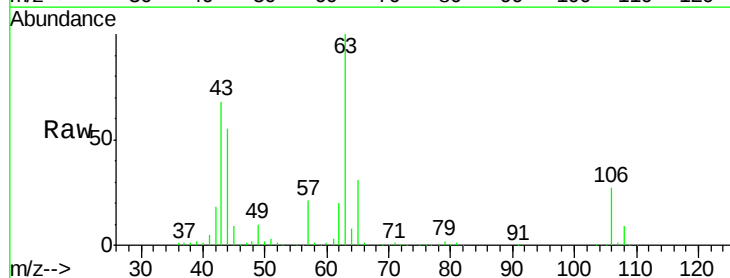
Acq: 09 Jun 2018 14:14

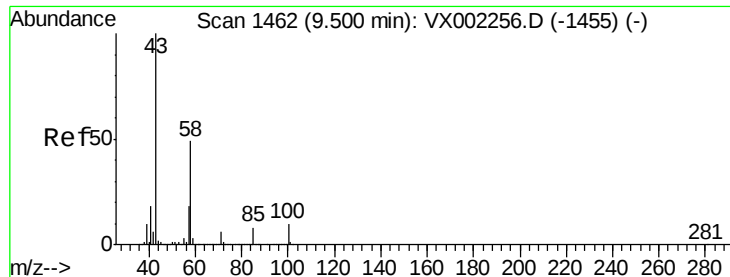
Tgt Ion: 63 Resp: 223135

Ion Ratio Lower Upper

63 100

106 27.7 21.8 32.8





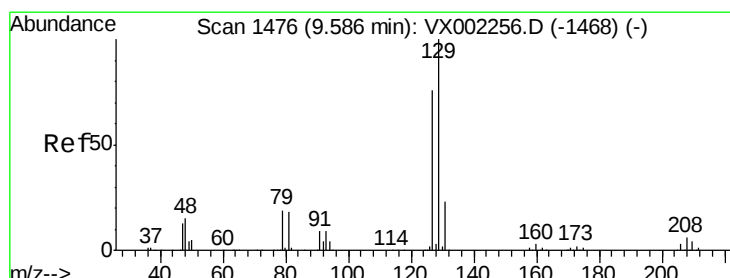
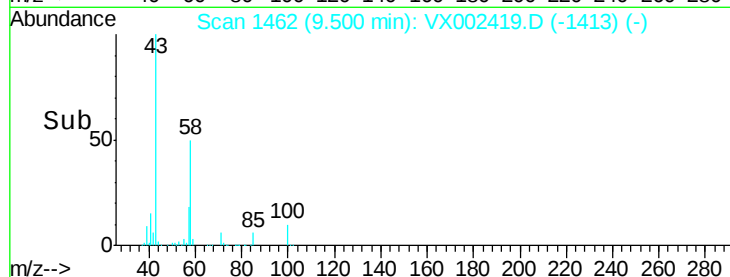
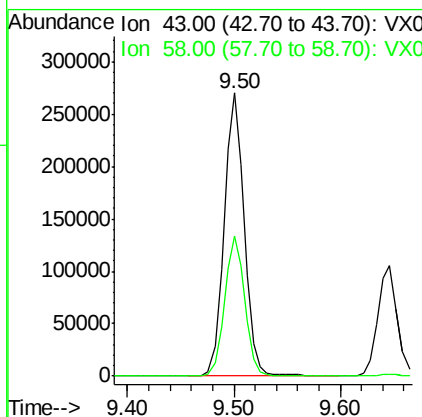
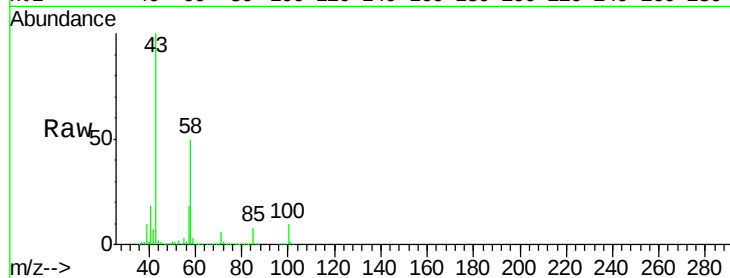
#59
2-Hexanone
Concen: 91.76 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	43	Resp	355977
Ion Ratio	100	Lower	Upper
43	100		
58	49.6	24.6	73.6

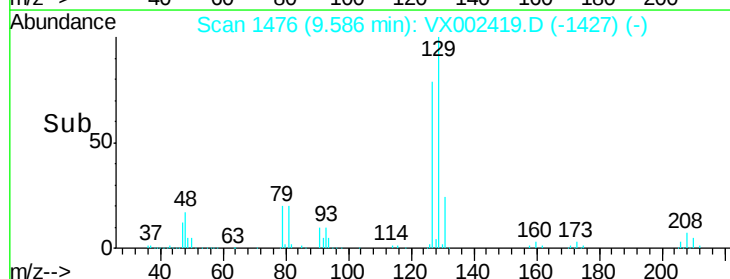
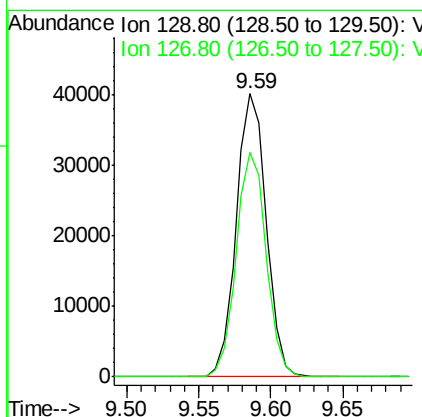
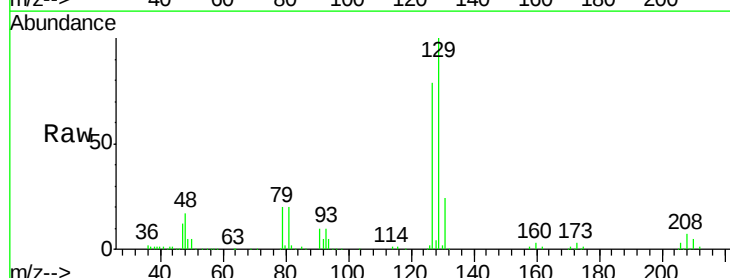
Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#60
Dibromochloromethane
Concen: 18.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	129	Resp	58186	
Ion Ratio	129	100	Lower	Upper
129	100			
127	79.4	38.5	115.3	





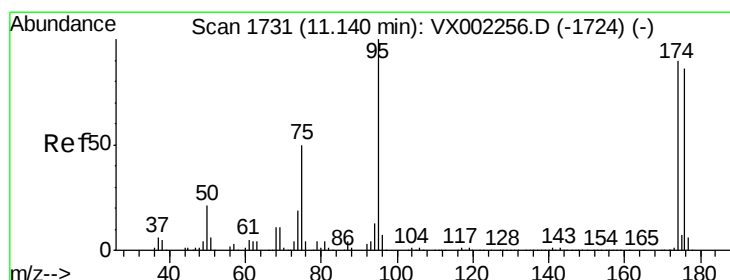
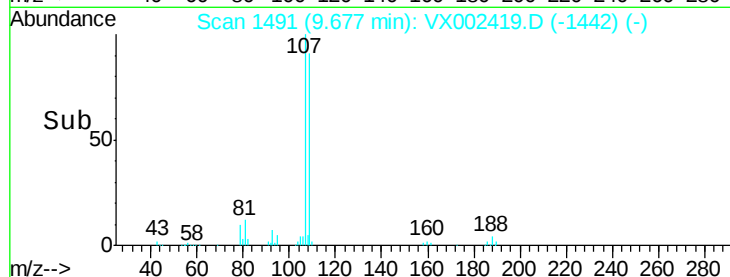
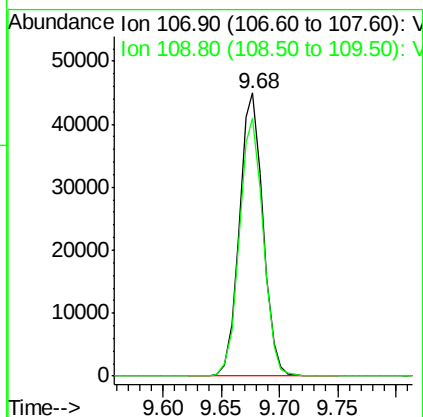
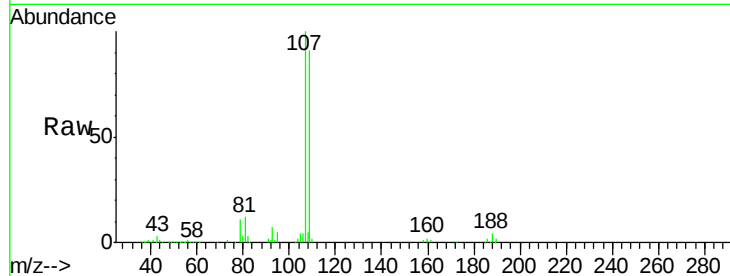
#61
 1,2-Dibromoethane
 Concen: 19.26 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0609WBS01

Tot Ion:107 Resp: 63609
 Ion Ratio Lower Upper
 107 100
 109 92.0 75.3 112.9

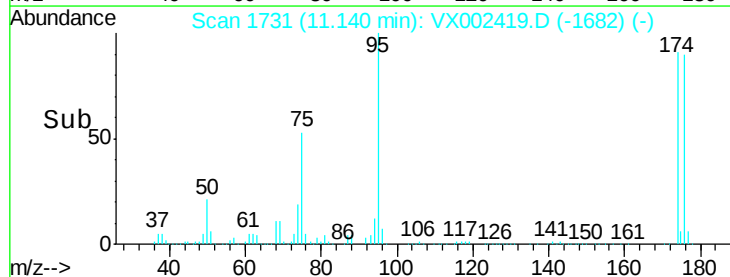
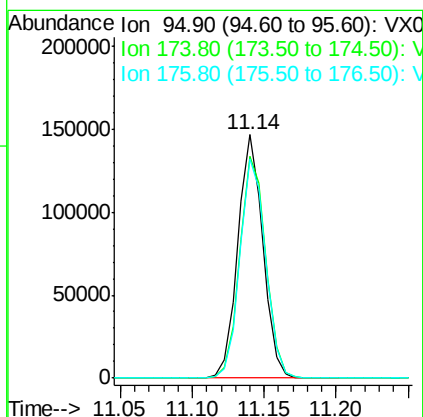
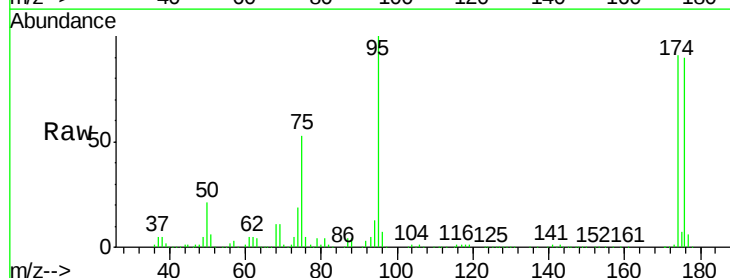
Manual Integrations
 APPROVED

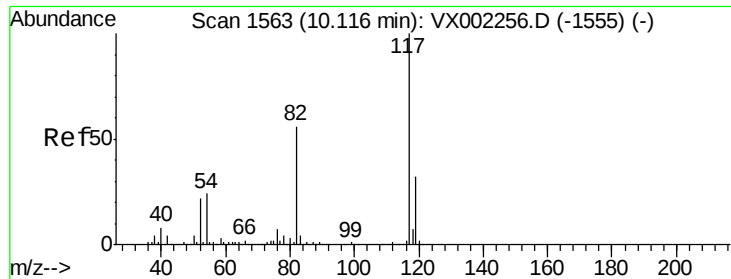
MMDadoda
 6/11/2018 2:32:52 PM



#62
 4-Bromofluorobenzene
 Concen: 40.68 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion: 95 Resp: 177595
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 187.4
 176 91.9 0.0 181.0





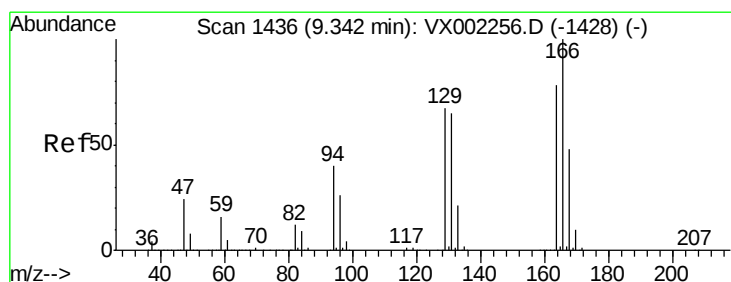
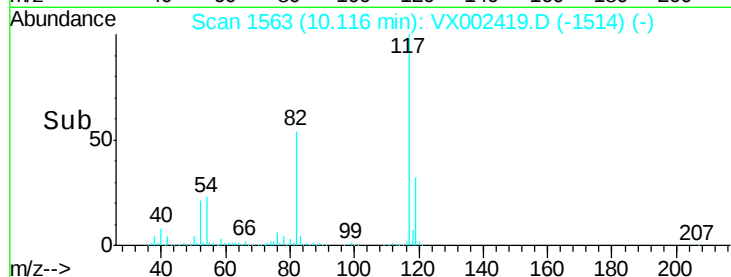
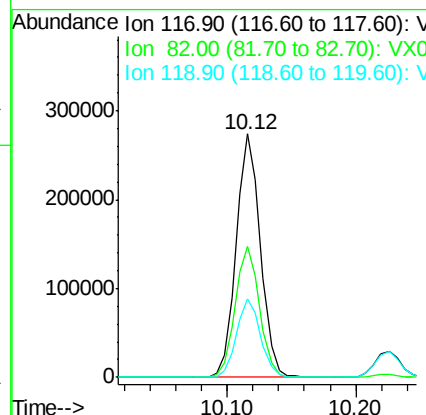
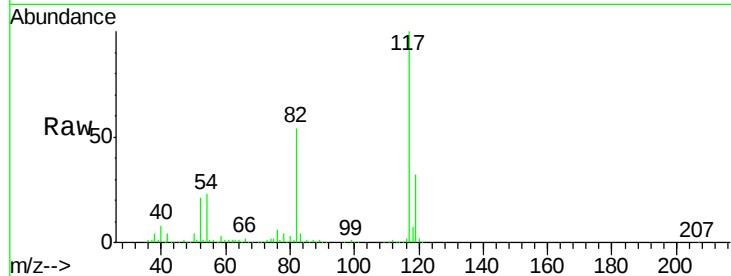
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	359503		
82	53.6	45.0	67.4	
119	32.1	25.8	38.6	

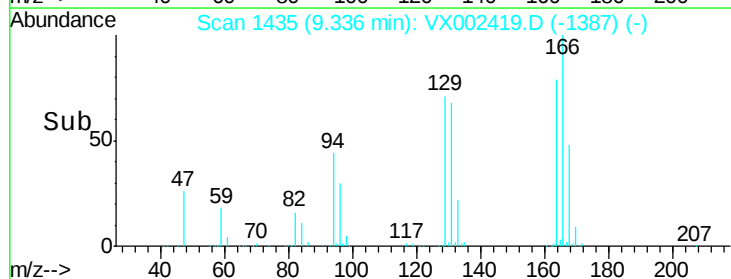
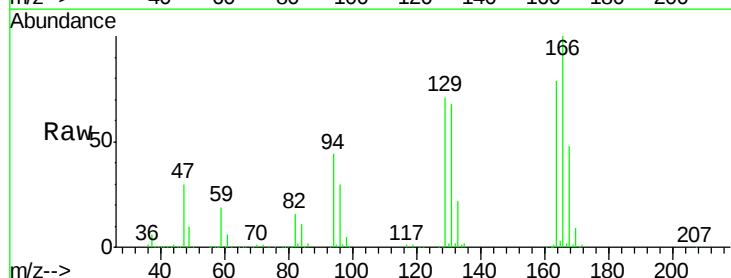
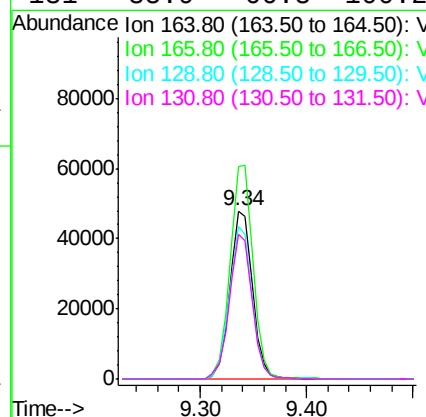
Manual Integrations
APPROVED

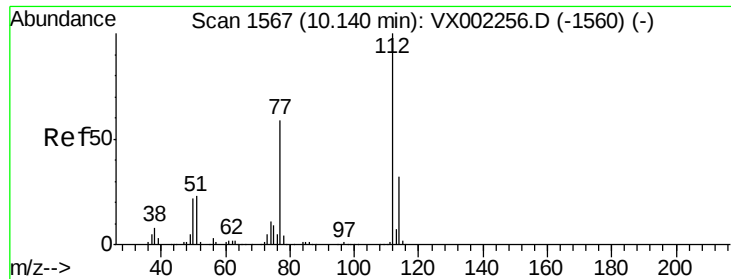
MMDadoda
6/11/2018 2:32:52 PM



#64
Tetrachloroethene
Concen: 19.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71224		
166	126.7	102.9	154.3	
129	90.5	68.6	102.8	
131	85.9	66.8	100.2	





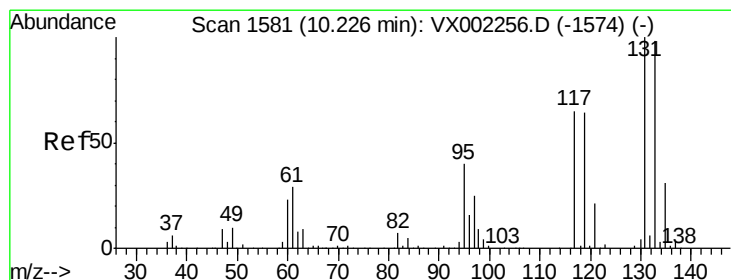
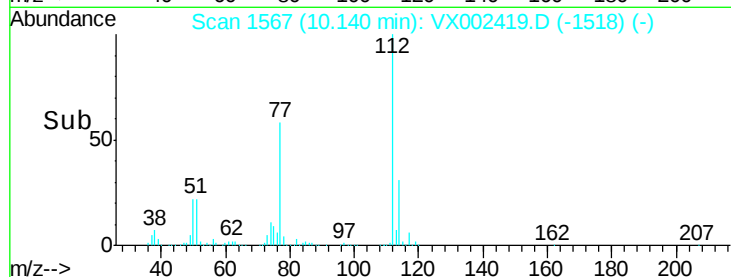
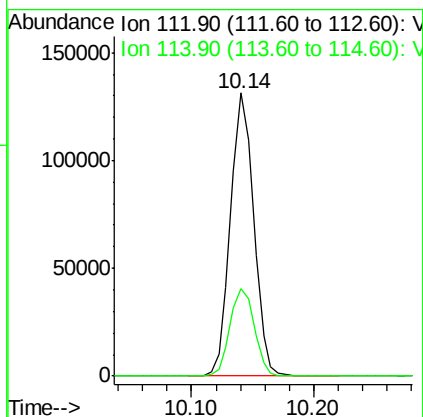
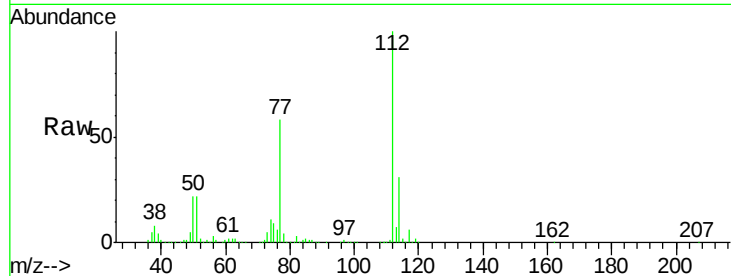
#65
Chlorobenzene
Concen: 19.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
VX0609WBS01

Tot Ion:112 Resp: 173207
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9

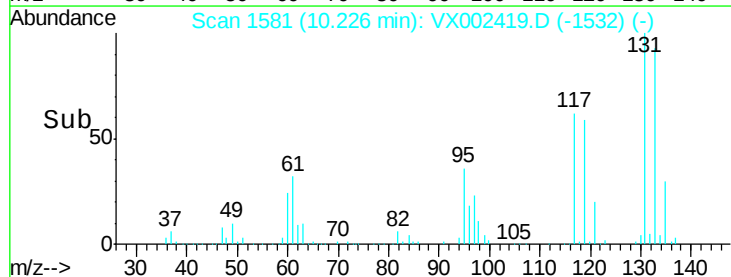
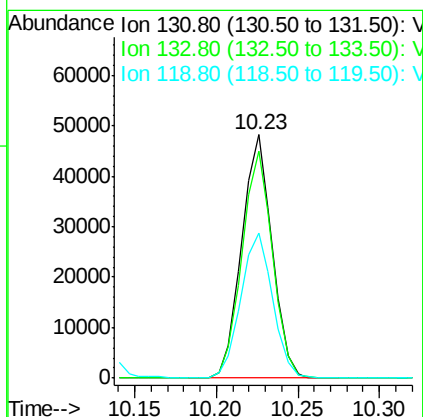
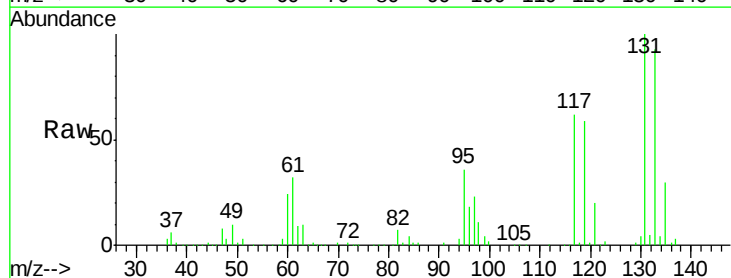
Manual Integrations
APPROVED

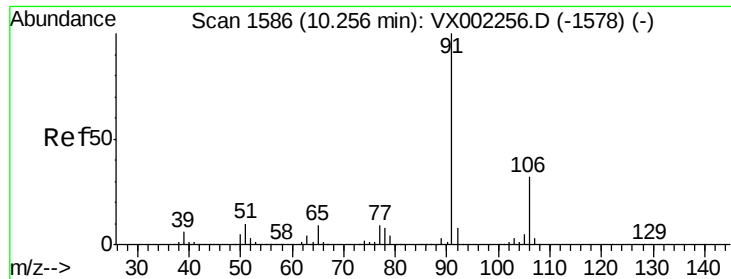
MMDadoda
6/11/2018 2:32:52 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.41 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion:131 Resp: 62858
Ion Ratio Lower Upper
131 100
133 93.3 47.9 143.6
119 62.2 31.8 95.3





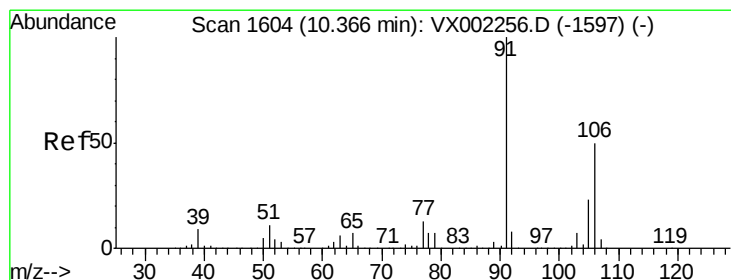
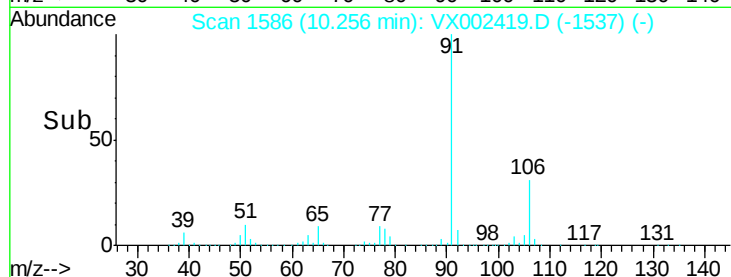
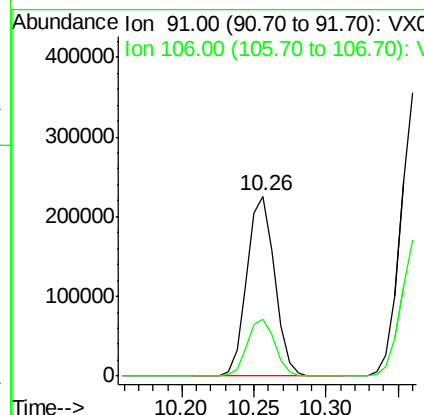
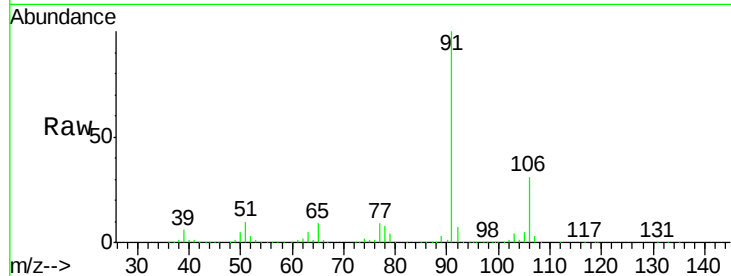
#67
Ethyl Benzene
Concen: 20.16 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
VX0609WBS01

Tot Ion: 91 Resp: 301812
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

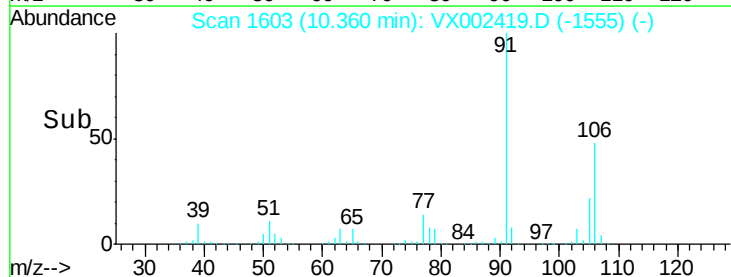
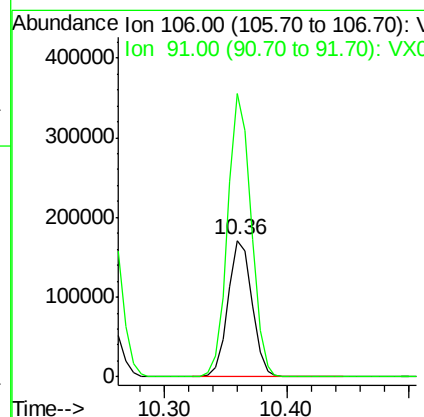
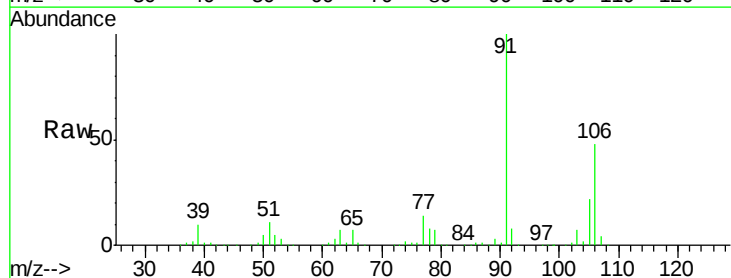
Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#68
m/p-Xylenes
Concen: 39.82 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 106 Resp: 231741
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2





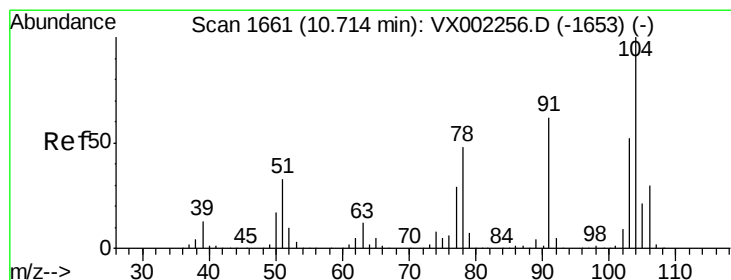
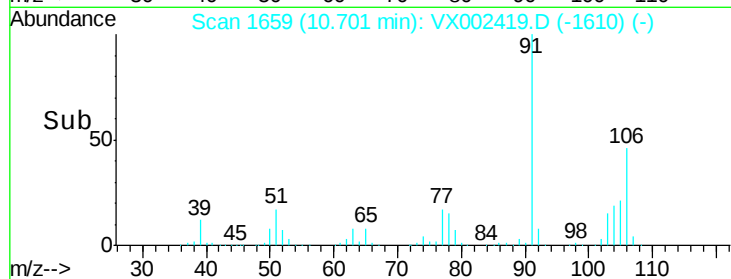
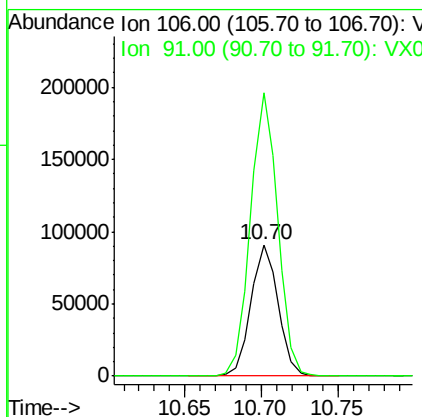
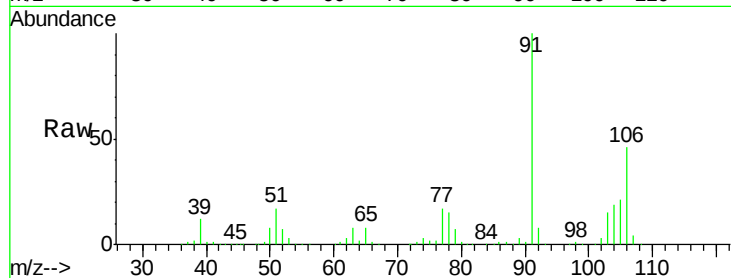
#69
o-Xylene
Concen: 19.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
VX0609WBS01

Tot Ion:106 Resp: 112348
Ion Ratio Lower Upper
106 100
91 216.6 108.2 324.6

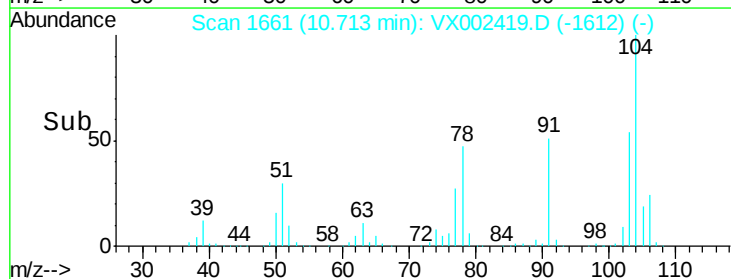
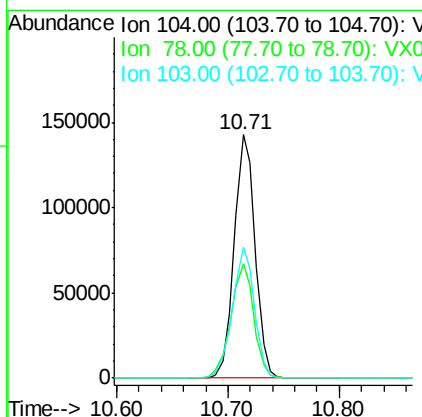
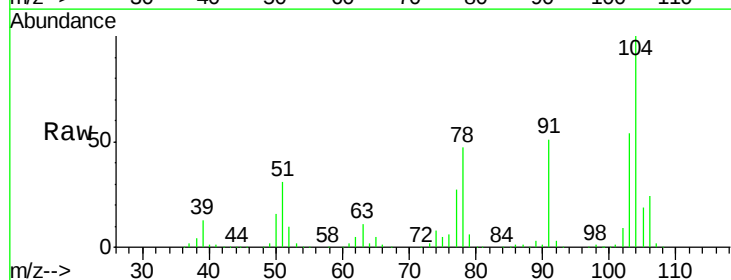
Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#70
Styrene
Concen: 19.57 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion:104 Resp: 185304
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.6 44.2 66.4





#71

Bromoform

Concen: 17.82 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

Tot Ion:173 Resp: 44747

Ion Ratio Lower Upper

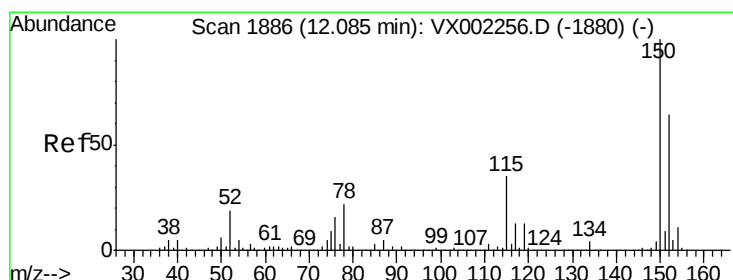
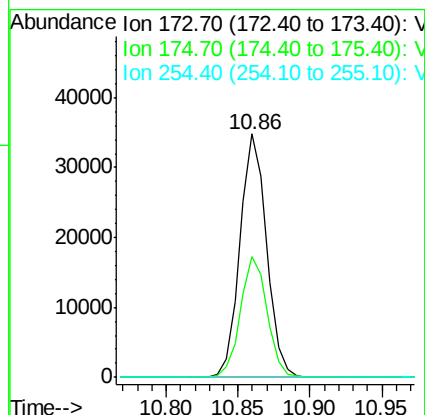
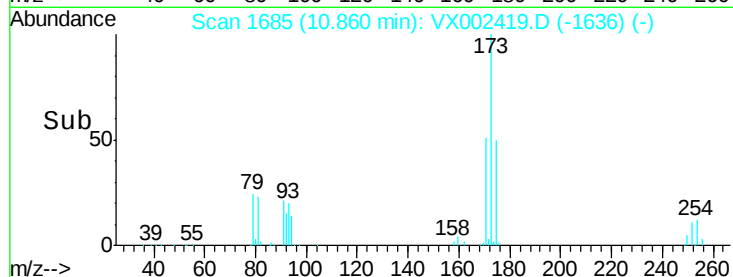
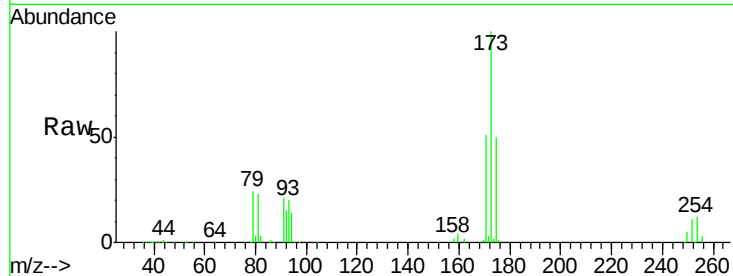
173 100

175 49.6 24.7 74.1

254 0.0 0.2 0.2#

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

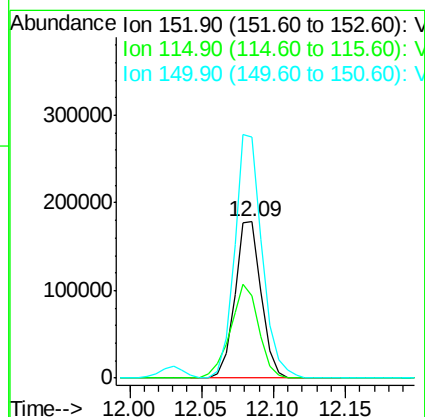
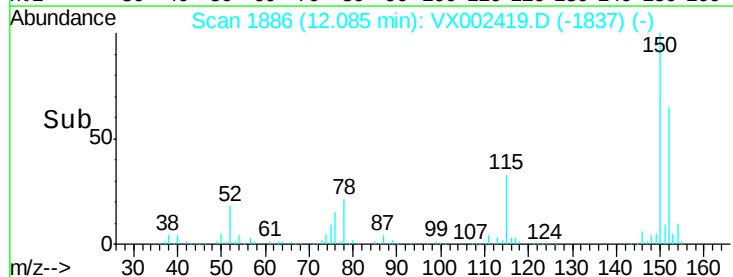
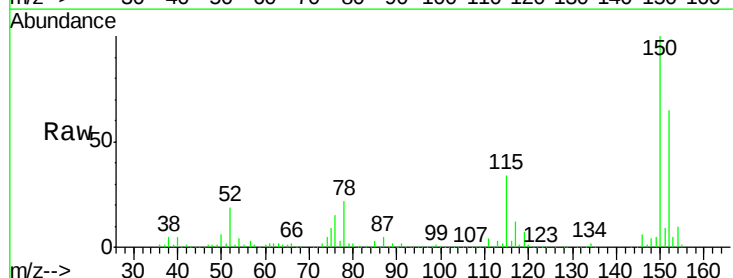
Tgt Ion:152 Resp: 227413

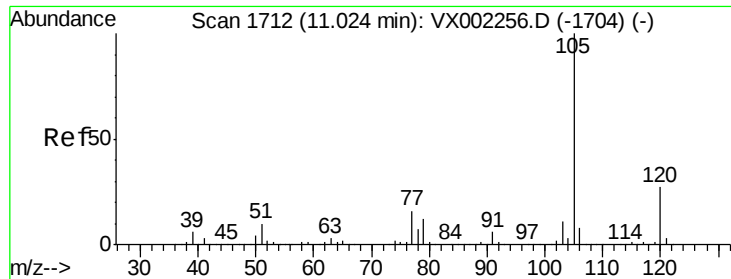
Ion Ratio Lower Upper

152 100

115 65.2 40.1 120.2

150 163.0 0.0 347.2





#73

Isopropylbenzene

Concen: 19.95 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

Tot Ion: 105 Resp: 315653

Ion Ratio Lower Upper

105 100

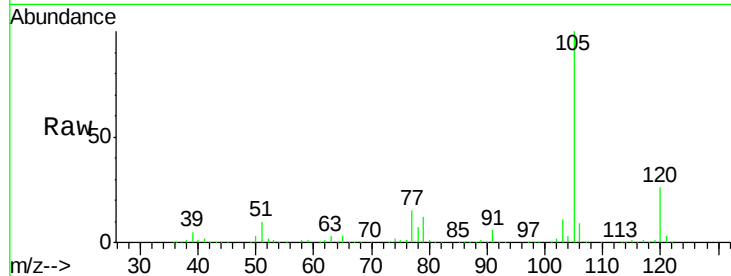
120 26.4 13.5 40.4

Manual Integrations

APPROVED

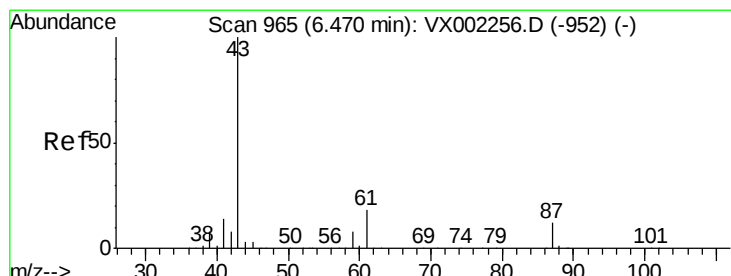
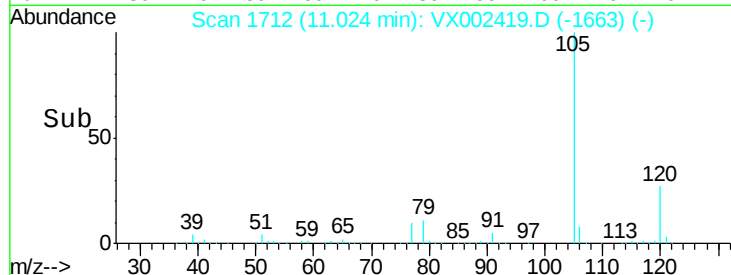
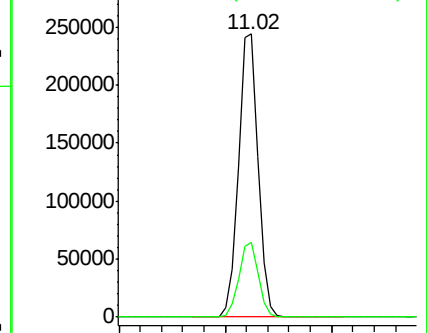
MMDadoda

6/11/2018 2:32:52 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion: 43 Resp: 142687

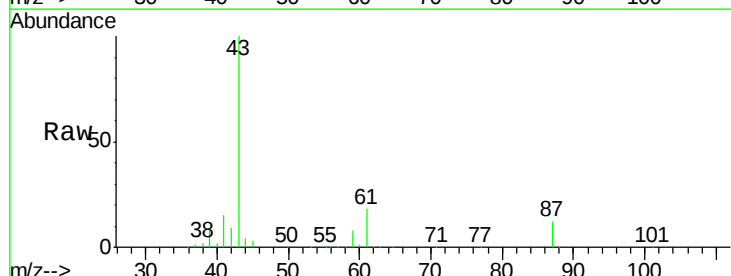
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6

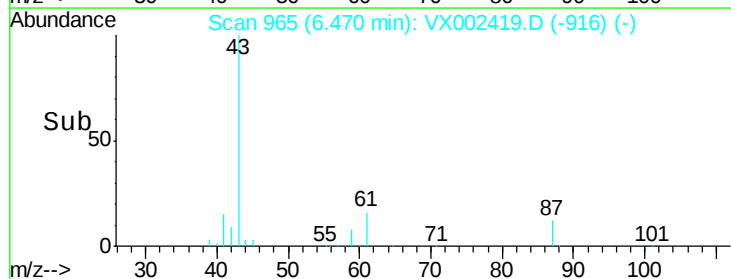
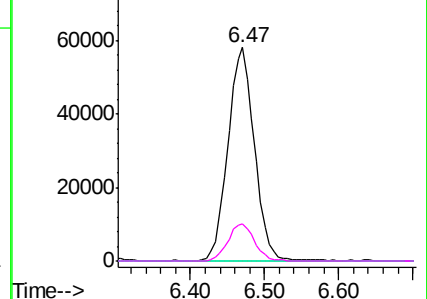


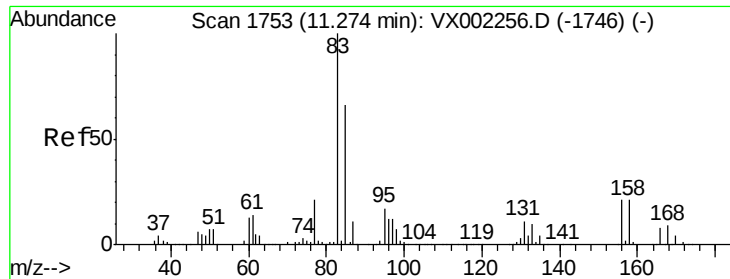
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

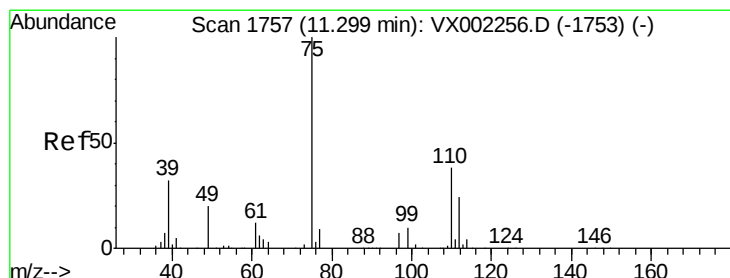
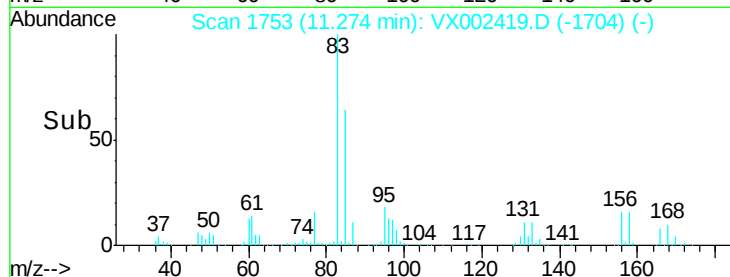
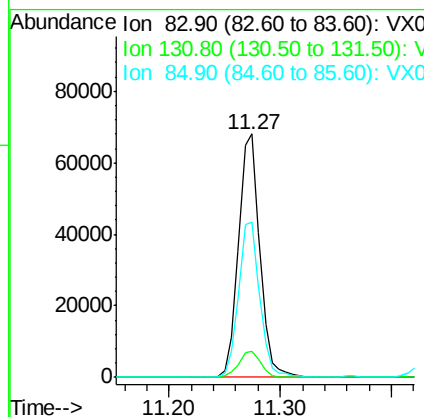
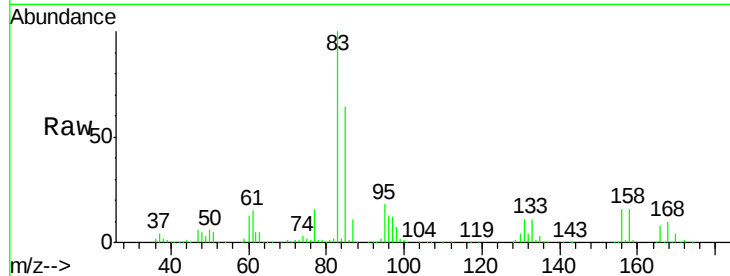
ClientSampleId :

VX0609WBS01

Tot Ion:	83	Resp:	90083
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.6	16.8
85	64.4	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#76

1,2,3-Trichloropropane

Concen: 17.79 ug/l m

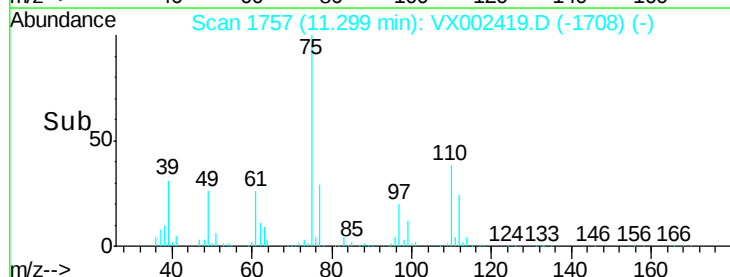
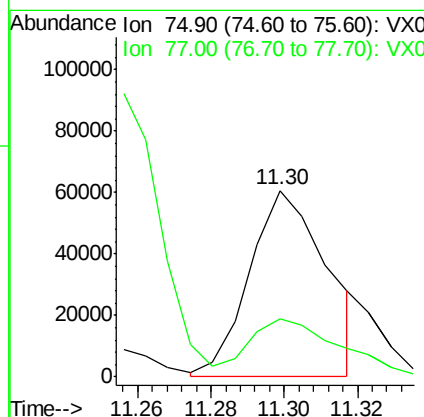
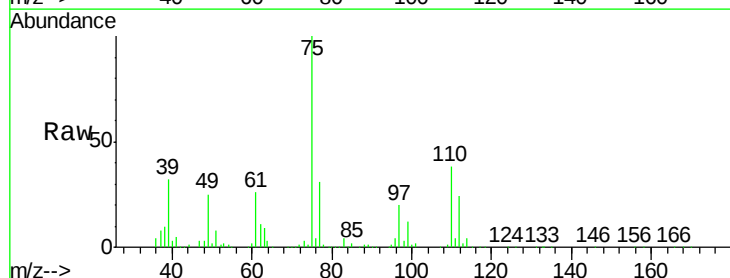
RT: 11.30 min Scan# 1757

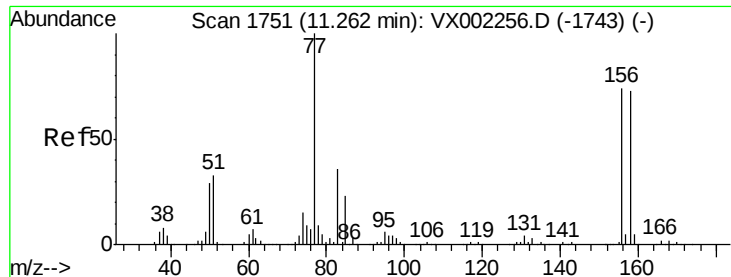
Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion:	75	Resp:	88795
Ion Ratio	Lower	Upper	
75	100		
77	36.7	22.8	68.3





#77

Bromobenzene

Concen: 18.38 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0609WBS01

Tot Ion:156 Resp: 81609

Ion Ratio Lower Upper

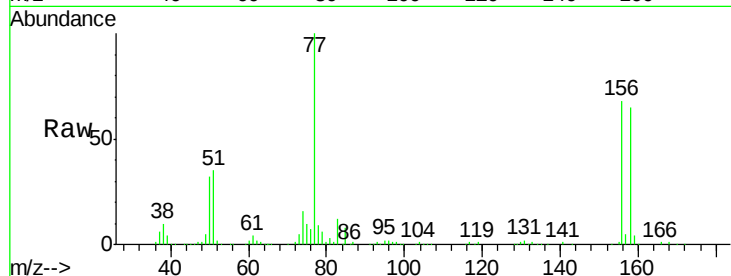
156 100

77 141.8 71.4 214.2

158 97.5 48.9 146.6

Manual Integrations
APPROVED

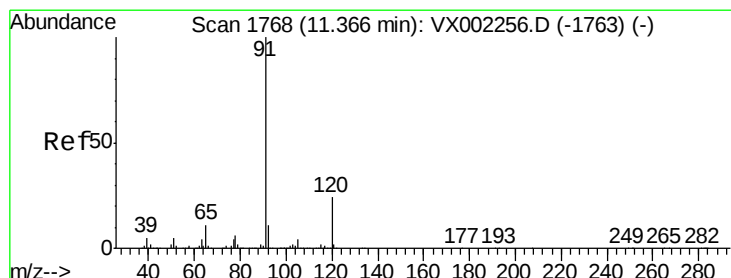
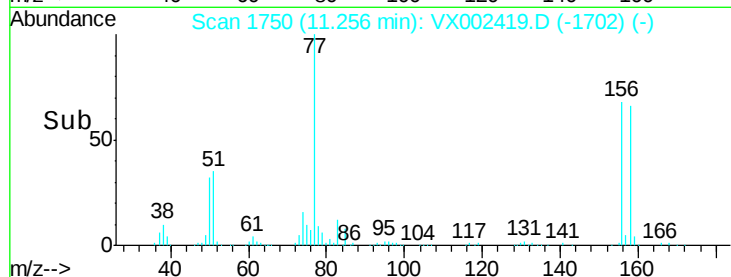
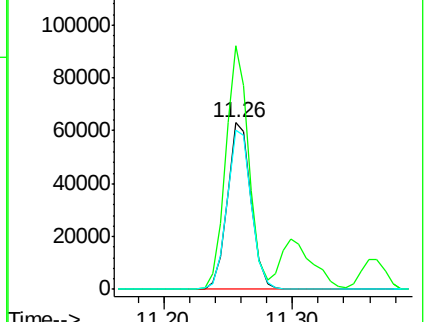
MMDadoda
6/11/2018 2:32:52 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002419.D

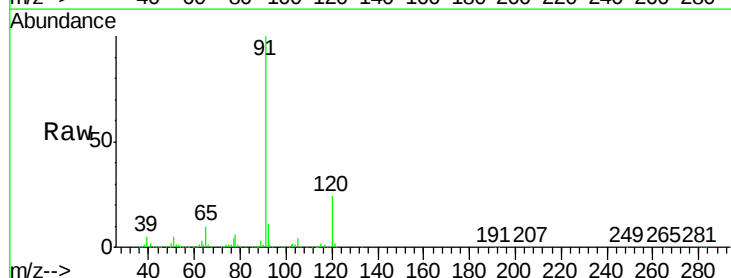
Acq: 09 Jun 2018 14:14

Tgt Ion: 91 Resp: 362558

Ion Ratio Lower Upper

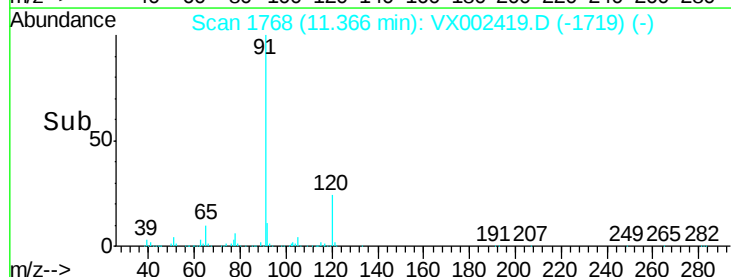
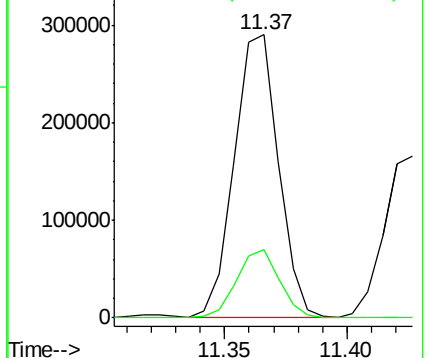
91 100

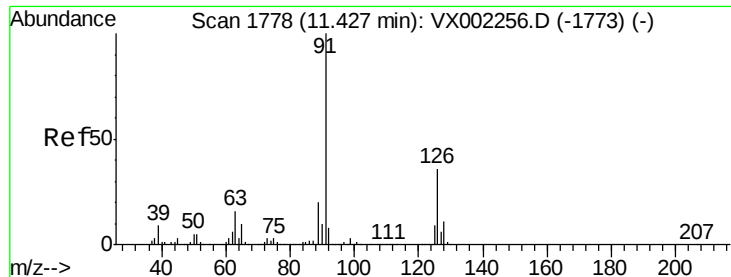
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.98 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

Tot Ion: 91 Resp: 210678

Ion Ratio Lower Upper

91 100

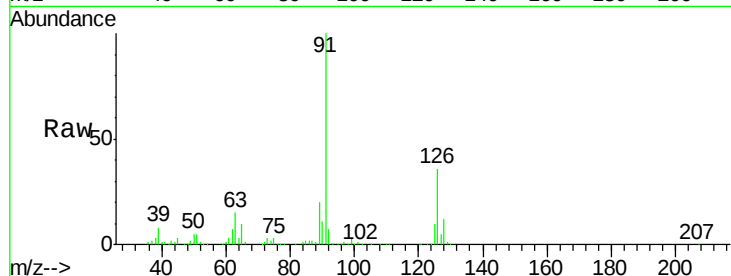
126 35.2 17.7 53.1

Manual Integrations

APPROVED

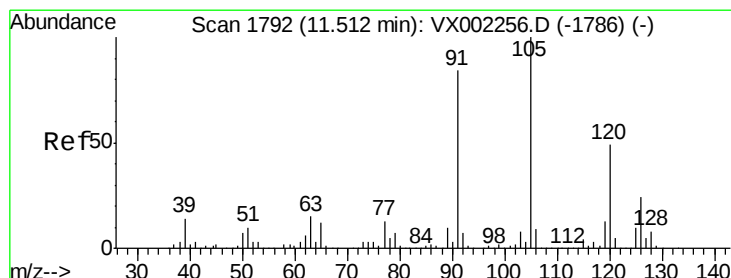
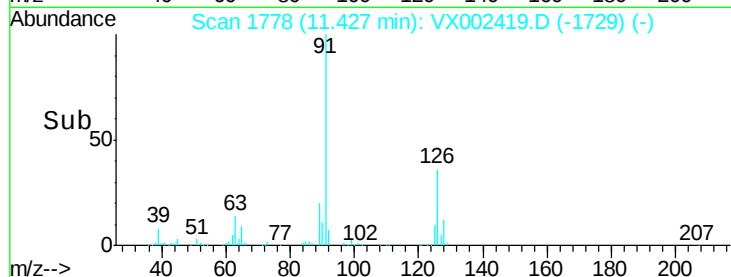
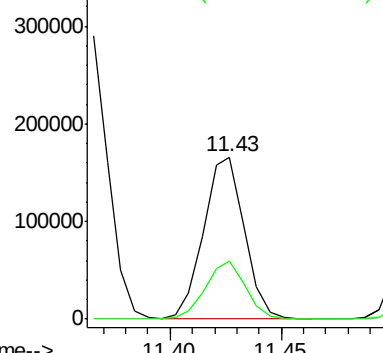
MMDadoda

6/11/2018 2:32:52 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: 19.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002419.D

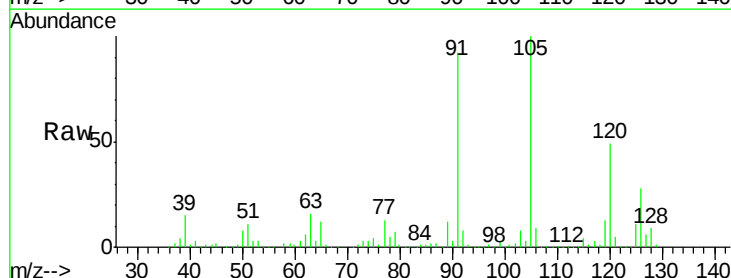
Acq: 09 Jun 2018 14:14

Tgt Ion: 105 Resp: 264055

Ion Ratio Lower Upper

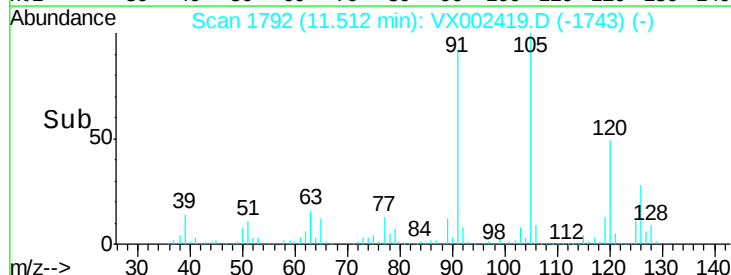
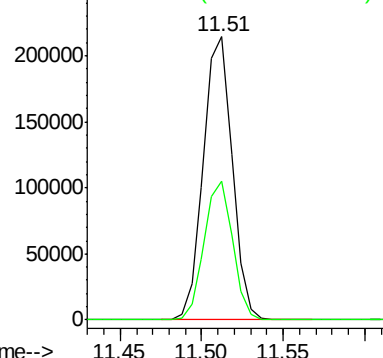
105 100

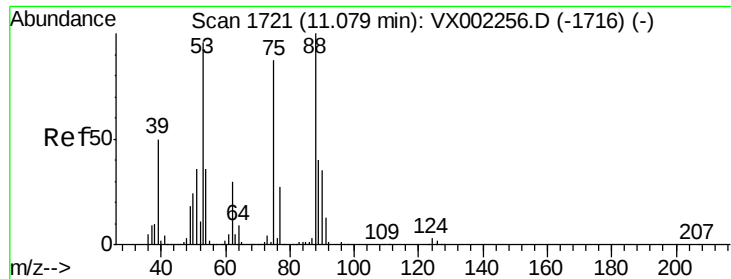
120 48.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





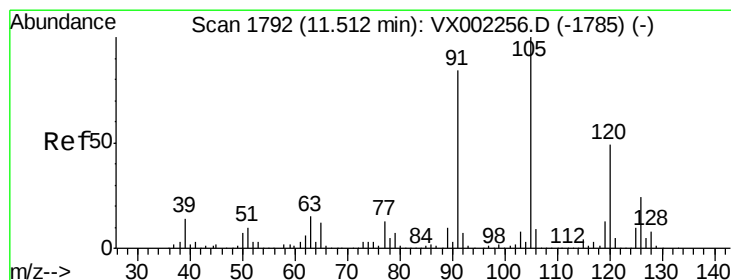
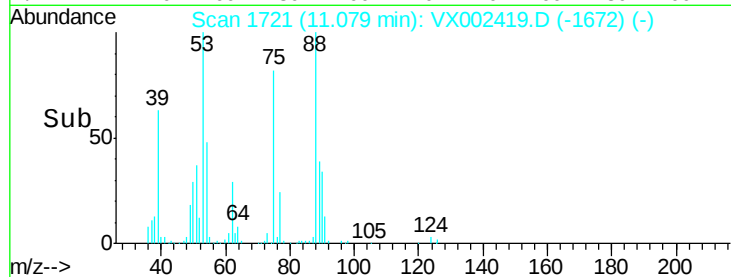
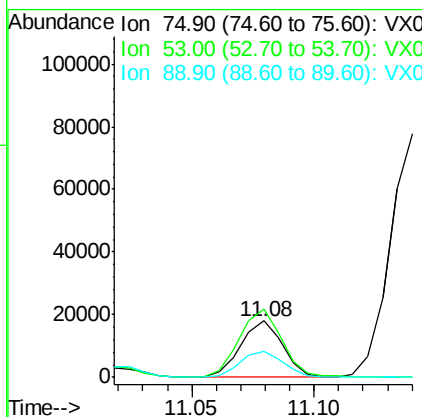
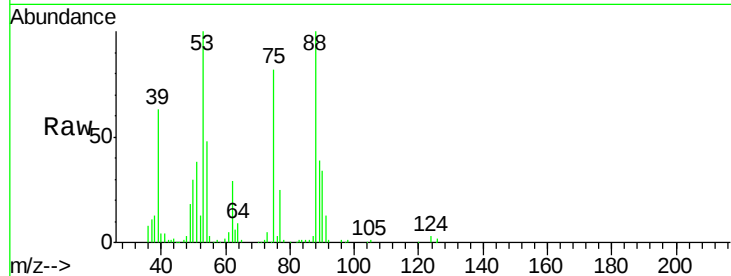
#81
trans-1,4-Dichloro-2-butene
Concen: 15.11 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	123.9	86.8	130.2
89	48.8	38.2	57.2

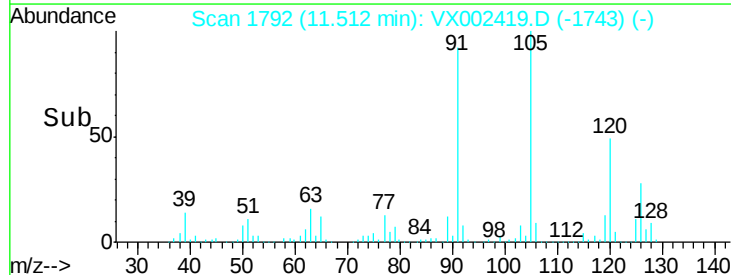
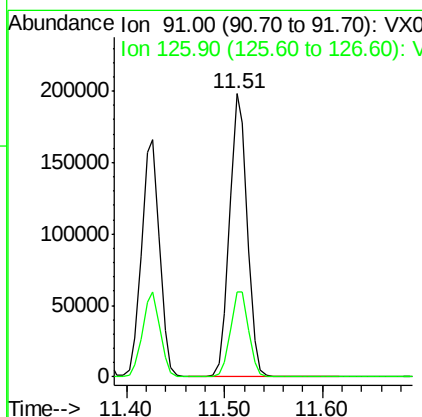
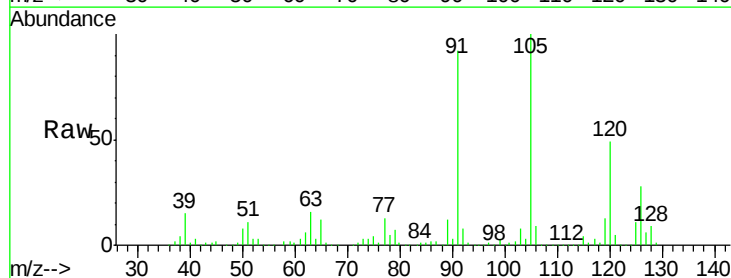
Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#82
4-Chlorotoluene
Concen: 19.39 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4





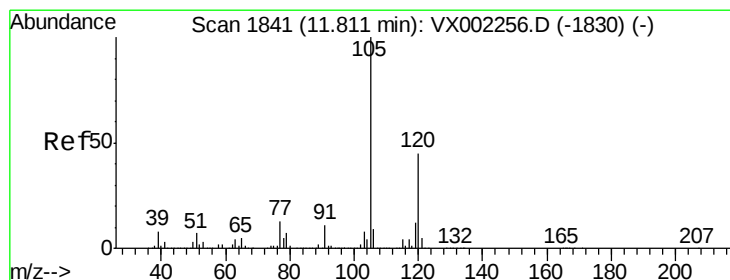
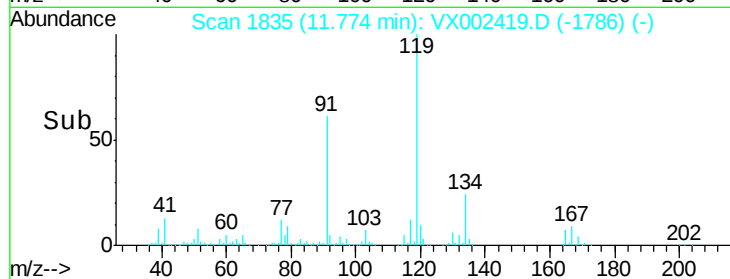
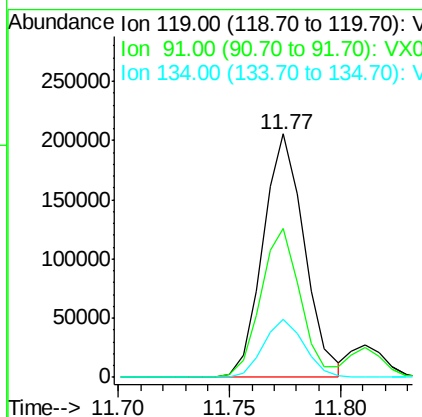
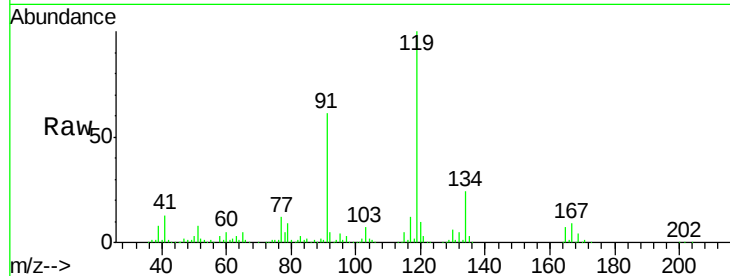
#83
 tert-Butylbenzene
 Concen: 20.04 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	264807		
91	59.3		30.3	90.9
134	23.5		11.7	35.1

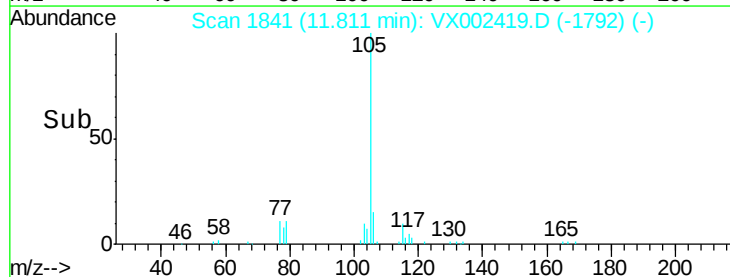
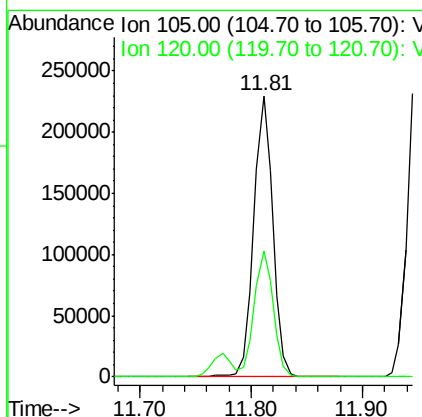
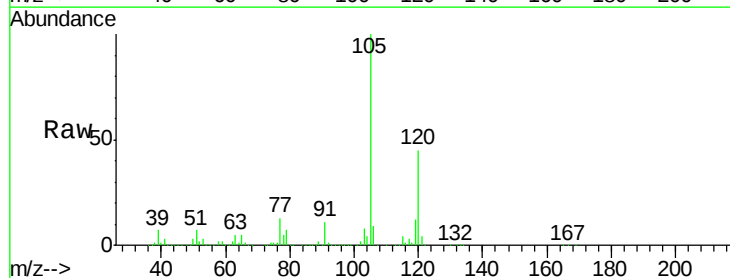
Manual Integrations
 APPROVED

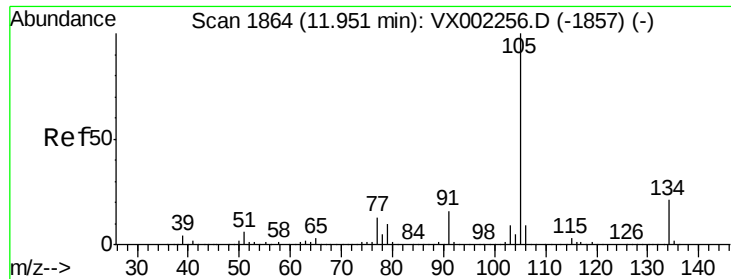
MMDadoda
 6/11/2018 2:32:52 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.61 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	273941		
120	44.9		22.3	66.8





#85

sec-Butylbenzene

Concen: 21.31 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0609WBS01

Tot Ion:105 Resp: 330049

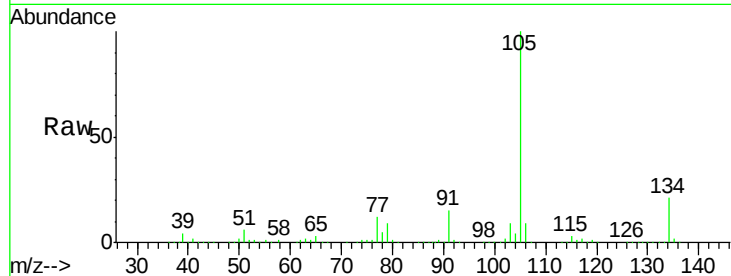
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1

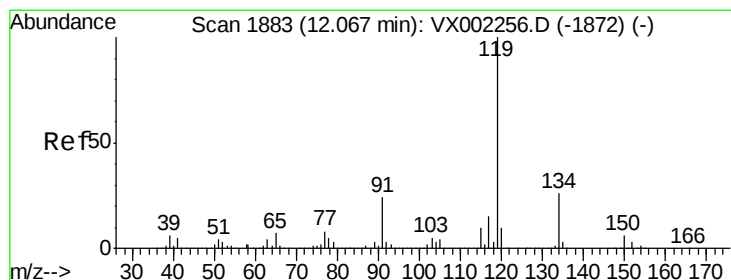
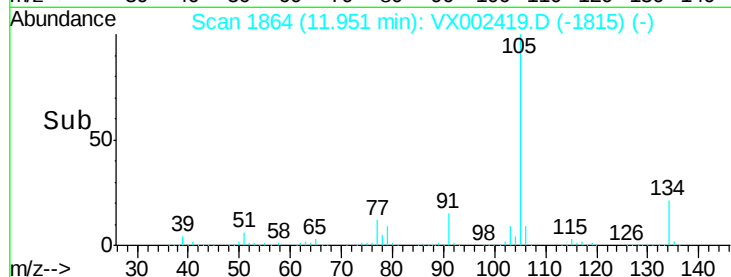
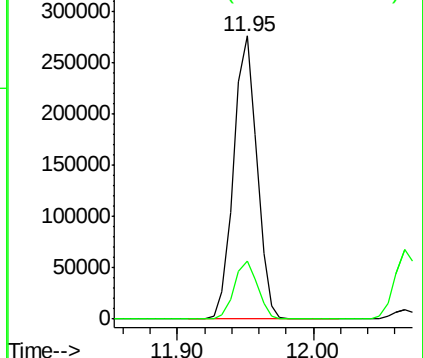
Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.91 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

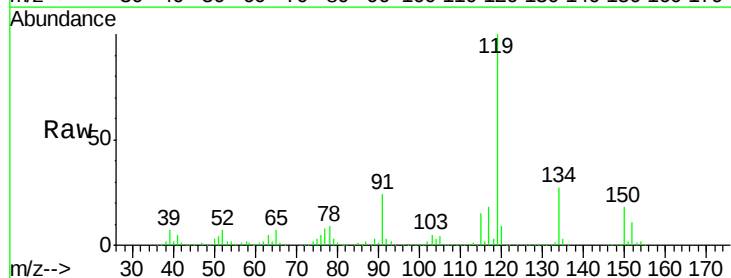
Tgt Ion:119 Resp: 295054

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

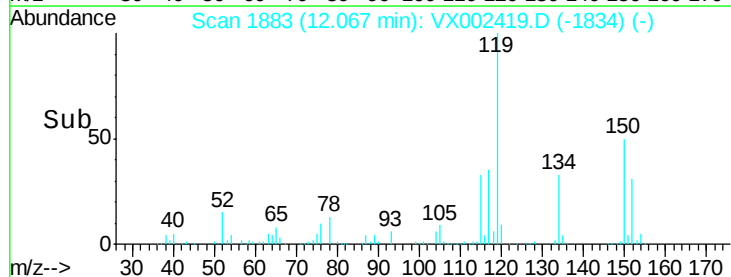
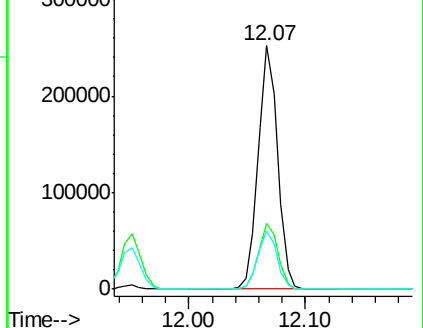
91 23.9 11.9 35.7

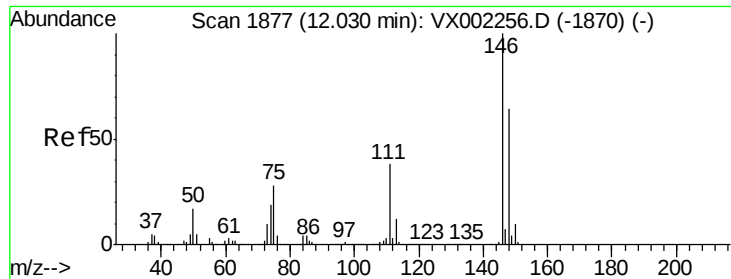


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





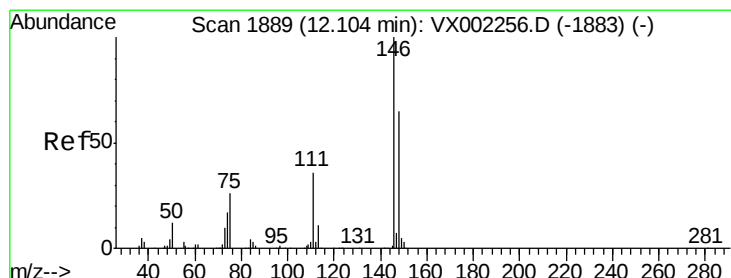
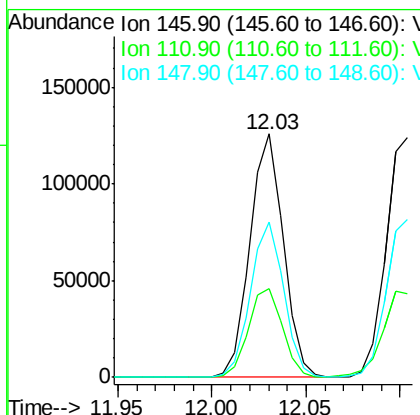
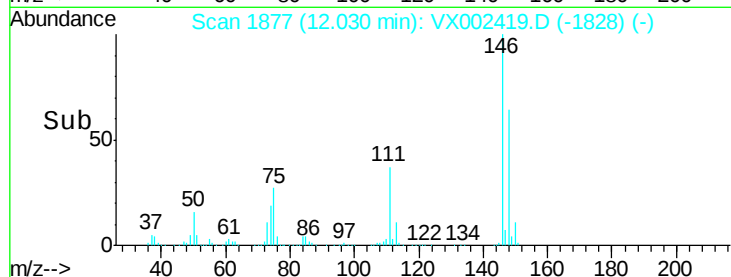
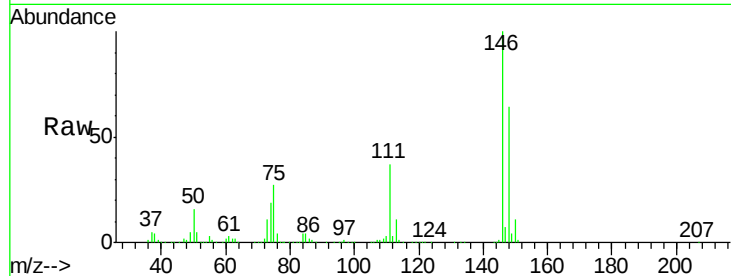
#87
 1,3-Dichlorobenzene
 Concen: 19.55 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	63.3	32.1	96.3

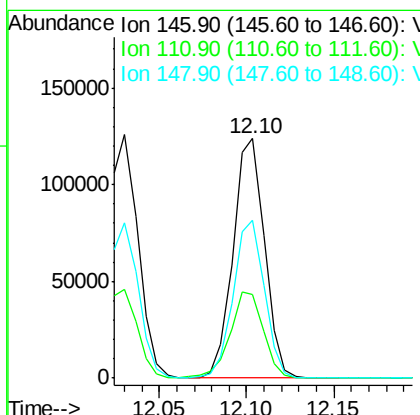
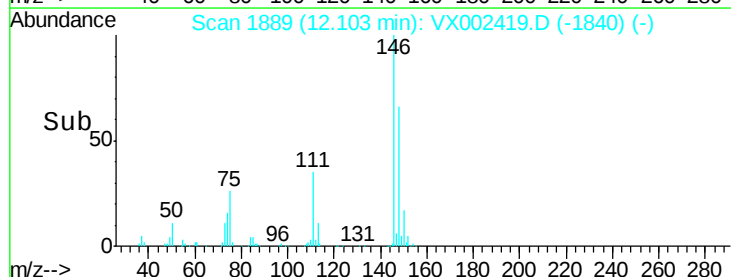
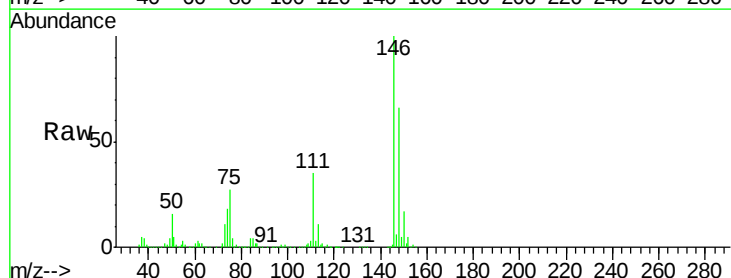
Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.93 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	65.4	32.4	97.0





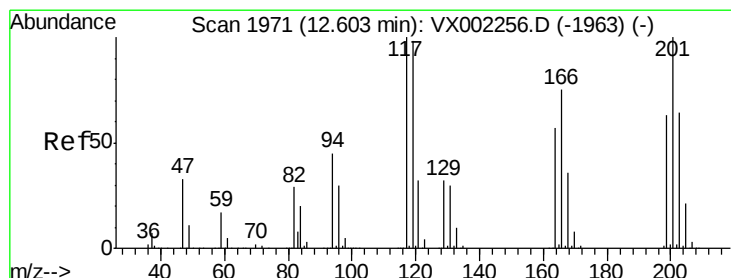
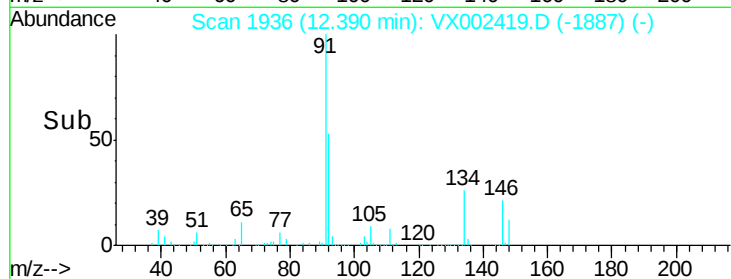
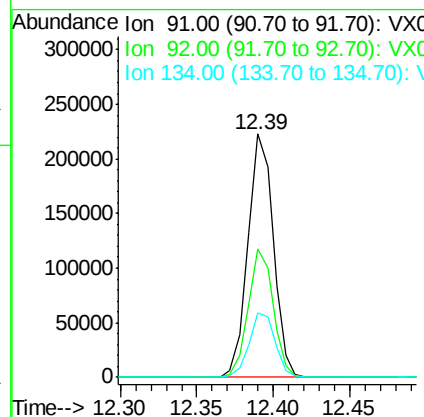
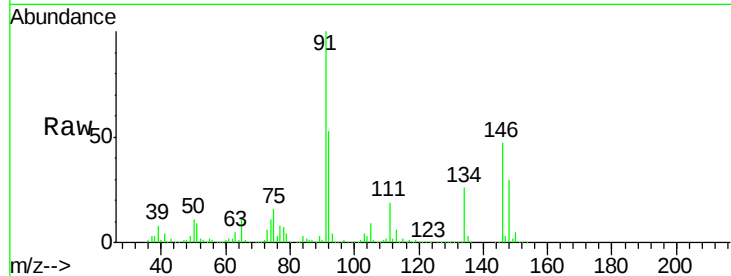
#89
n-Butylbenzene
Concen: 21.65 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.0	13.5	40.5

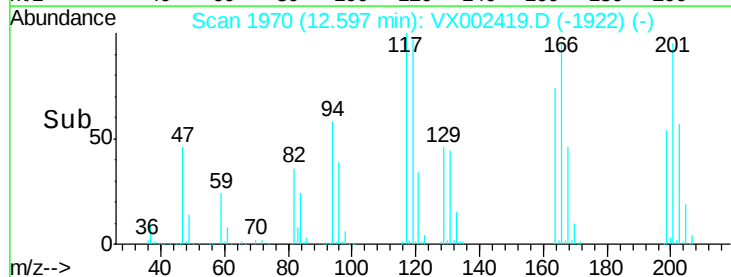
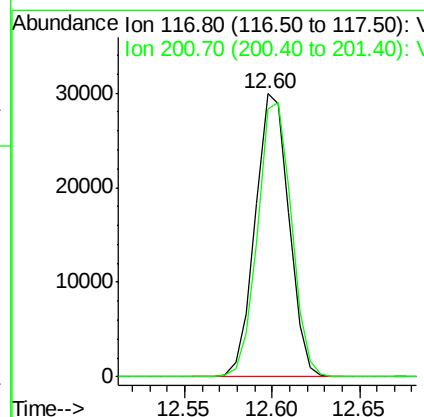
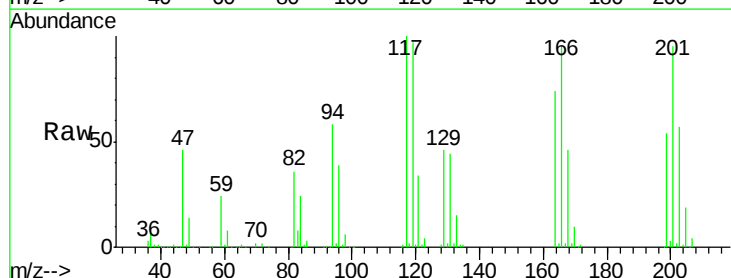
Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#90
Hexachloroethane
Concen: 17.82 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.0	49.0	147.0





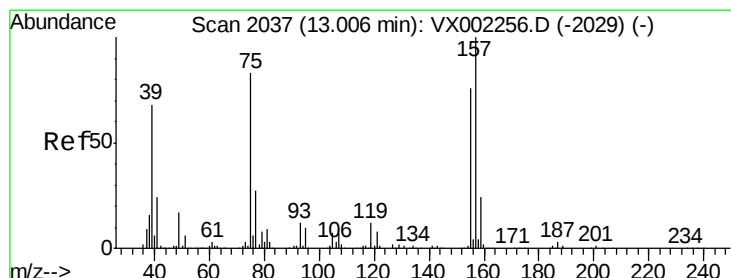
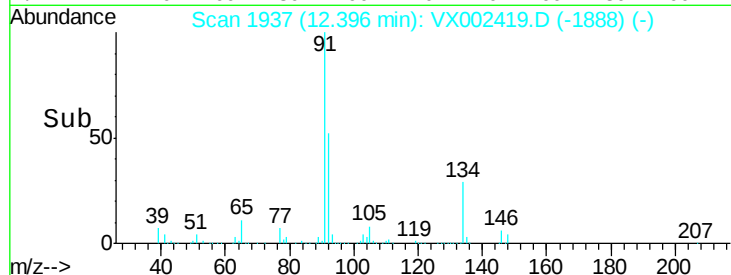
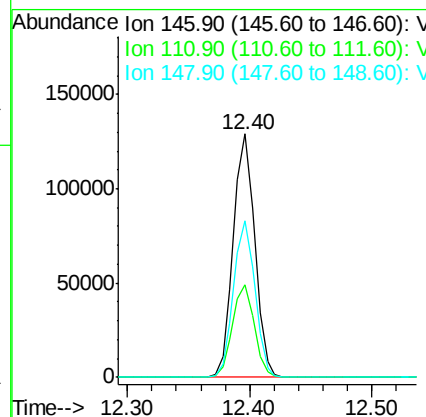
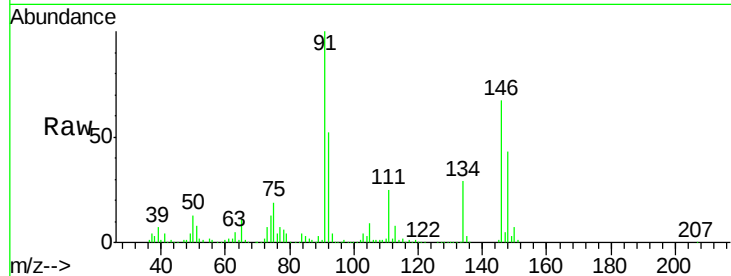
#91
 1,2-Dichlorobenzene
 Concen: 19.07 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	63.9	31.7	95.1

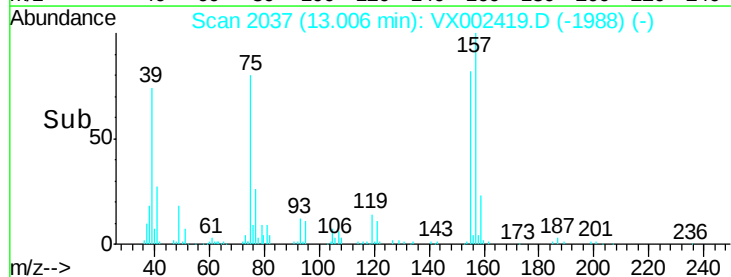
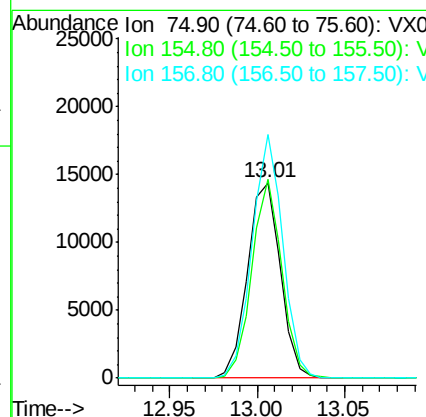
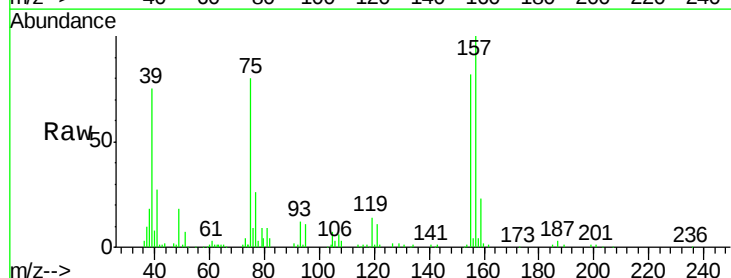
Manual Integrations
 APPROVED

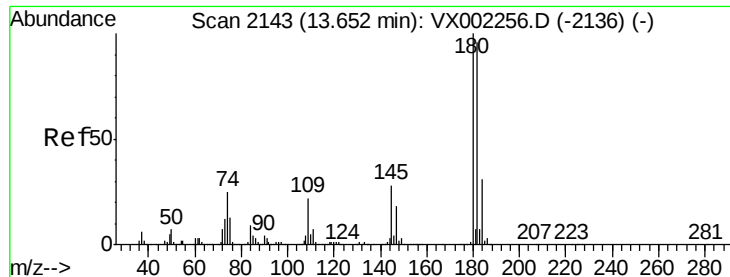
MMDadoda
 6/11/2018 2:32:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.25 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	45.8	137.4
157	116.7	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 19.89 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

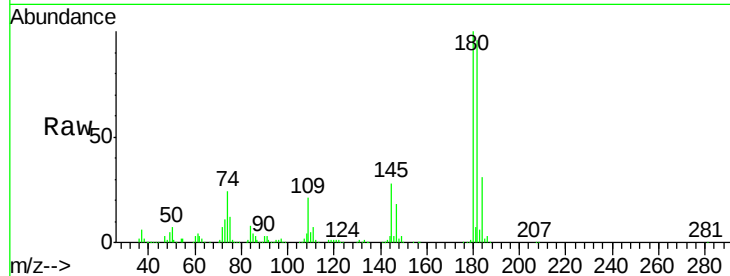
ClientSampled :

VX0609WBS01

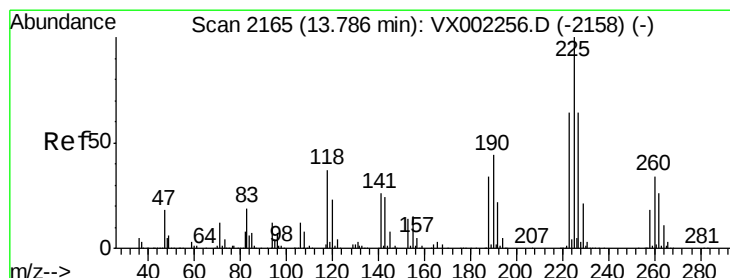
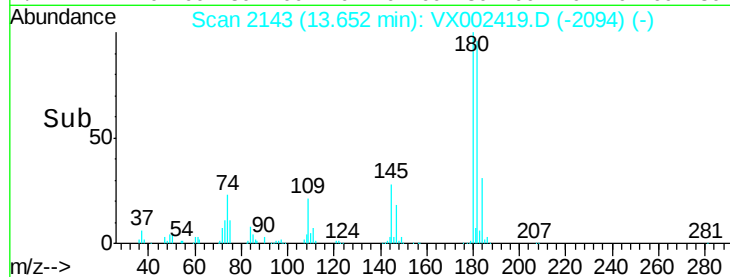
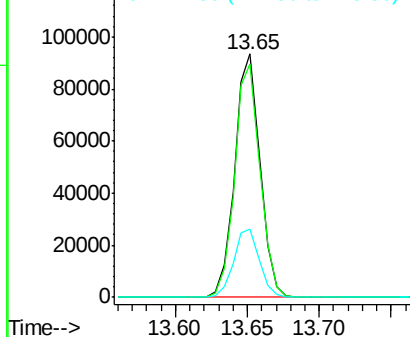
Tot Ion:	180	Resp:	114566
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.7	143.1
145	28.8	14.1	42.4

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 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: 22.86 ug/l

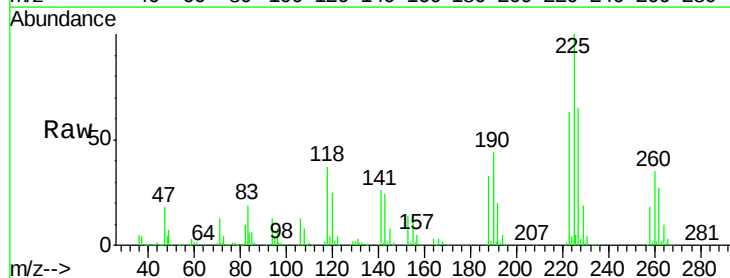
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

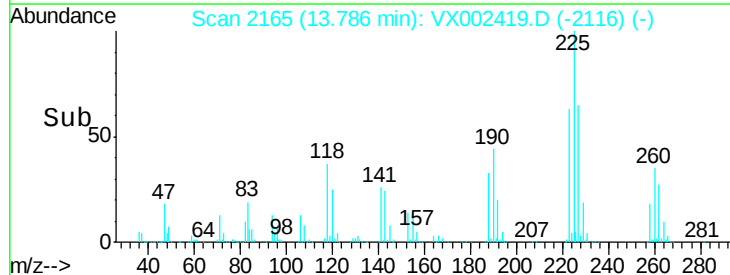
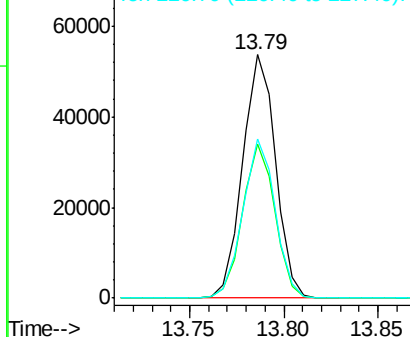
Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion:	225	Resp:	65091
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.6	95.0
227	64.2	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: 19.03 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

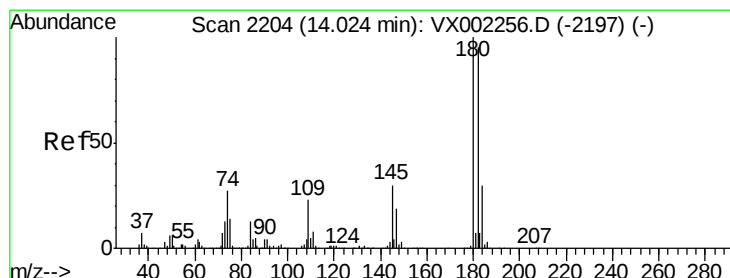
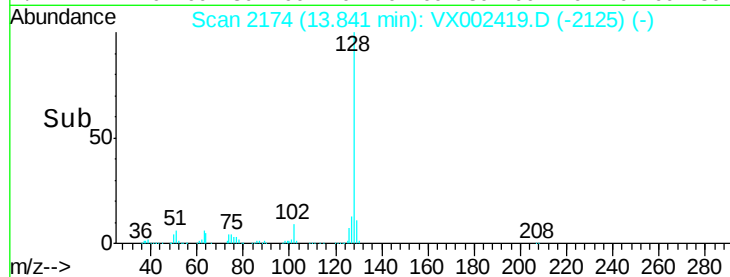
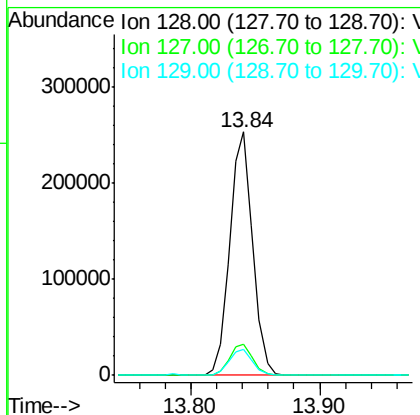
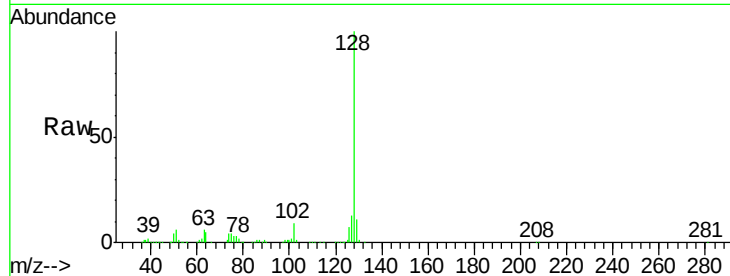
ClientSampleId :

VX0609WBS01

Tot Ion:	128	Resp:	315045
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:52 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion:	180	Resp:	117546
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	30.1	14.8	44.3

