

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005243.D
 Acq On : 11 Oct 2018 09:26
 Operator : JC/MD
 Sample : VX1010WBS05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS05

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:03 AM

Quant Time: Oct 11 11:29:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133358	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	5.51	113	118466	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	438620	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
62) 4-Bromofluorobenzene	11.14	95	169411	59.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25699	10.18	ug/l	99
3) Chloromethane	1.32	50	45964	15.00	ug/l	98
4) Vinyl Chloride	1.40	62	39520	13.75	ug/l	100
5) Bromomethane	1.64	94	27402	16.08	ug/l	95
6) Chloroethane	1.71	64	25903	14.90	ug/l	97
7) Trichlorofluoromethane	1.92	101	43119	12.12	ug/l	91
8) Diethyl Ether	2.19	74	26332	17.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	21054	10.39	ug/l	98
10) Methyl Iodide	2.51	142	36277	13.38	ug/l	91
11) Tert butyl alcohol	3.08	59	73650	99.54	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29079	14.49	ug/l #	81
13) Acrolein	2.29	56	41551	78.93	ug/l	92
14) Allyl chloride	2.73	41	73320	16.74	ug/l	95
15) Acrylonitrile	3.15	53	154733	95.00	ug/l	96
16) Acetone	2.45	43	157657	102.05	ug/l	94
17) Carbon Disulfide	2.57	76	76921	12.75	ug/l	97
18) Methyl Acetate	2.78	43	82340	21.04	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	129926	18.77	ug/l	95
20) Methylene Chloride	2.85	84	41286	17.84	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	33012	15.03	ug/l	89
22) Diisopropyl ether	3.87	45	125703	17.05	ug/l	96
23) Vinyl Acetate	3.82	43	583383	86.42	ug/l	97
24) 1,1-Dichloroethane	3.70	63	72255	16.43	ug/l	98
25) 2-Butanone	4.71	43	205106	90.07	ug/l	98
26) 2,2-Dichloropropane	4.58	77	48227	15.74	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	37768	15.39	ug/l	95
28) Bromochloromethane	5.01	49	33792	16.31	ug/l	100
29) Tetrahydrofuran	5.16	42	129356	91.40	ug/l	99
30) Chloroform	5.21	83	66055	15.89	ug/l	100
31) Cyclohexane	5.57	56	34745	10.32	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	48370	14.25	ug/l	97
36) 1,1-Dichloropropene	5.80	75	38049	11.70	ug/l	94
37) Ethyl Acetate	4.86	43	68905	15.96	ug/l	97
38) Carbon Tetrachloride	5.77	117	41988	12.28	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005243.D
 Acq On : 11 Oct 2018 09:26
 Operator : JC/MD
 Sample : VX1010WBS05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS05

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:03 AM

Quant Time: Oct 11 11:29:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	27733	8.35	ug/l #	84
40) Benzene	6.14	78	139066	13.66	ug/l	96
41) Methacrylonitrile	5.07	41	38860	16.23	ug/l	95
42) 1,2-Dichloroethane	6.20	62	56944	15.82	ug/l	97
43) Isopropyl Acetate	6.46	43	94719	15.20	ug/l	97
44) Trichloroethene	7.21	130	36086	14.41	ug/l	95
45) 1,2-Dichloropropane	7.52	63	39024	15.63	ug/l	99
46) Dibromomethane	7.66	93	27092	17.26	ug/l	99
47) Bromodichloromethane	7.90	83	49374	16.80	ug/l	98
48) Methyl methacrylate	7.78	41	49780	17.60	ug/l	99
49) 1,4-Dioxane	7.76	88	25130	357.58	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	361235	92.05	ug/l	98
52) Toluene	8.79	92	86278	15.42	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53052	15.98	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	58299	16.76	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41098	16.77	ug/l	95
56) Ethyl methacrylate	9.18	69	57743	16.55	ug/l	95
57) 1,3-Dichloropropane	9.37	76	67284	16.49	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	167349	88.96	ug/l	99
59) 2-Hexanone	9.50	43	289585	88.55	ug/l	93
60) Dibromochloromethane	9.59	129	40764	16.63	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41901	15.96	ug/l	93
64) Tetrachloroethene	9.34	164	32235	11.34	ug/l	97
65) Chlorobenzene	10.14	112	100582	13.58	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	38038	14.61	ug/l	98
67) Ethyl Benzene	10.25	91	150395	12.79	ug/l	93
68) m/p-Xylenes	10.36	106	119154	25.94	ug/l	95
69) o-Xylene	10.70	106	59541	14.11	ug/l	98
70) Styrene	10.71	104	103278	14.67	ug/l	99
71) Bromoform	10.86	173	33585	15.07	ug/l #	96
73) Isopropylbenzene	11.02	105	146748	12.66	ug/l	100
74) N-amyl acetate	10.90	43	81915	14.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67783	14.37	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	62419m	15.15	ug/l	
77) Bromobenzene	11.26	156	47473	14.10	ug/l	99
78) n-propylbenzene	11.36	91	167797	12.62	ug/l	99
79) 2-Chlorotoluene	11.42	91	113504	13.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	129974	12.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18417	13.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	131370	13.47	ug/l	100
83) tert-Butylbenzene	11.77	119	122451	12.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	136510	12.31	ug/l	99
85) sec-Butylbenzene	11.94	105	136490	11.74	ug/l	100
86) p-Isopropyltoluene	12.07	119	124234	11.80	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82460	13.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	85827	13.23	ug/l	98
89) n-Butylbenzene	12.39	91	100748	10.54	ug/l	98
90) Hexachloroethane	12.60	117	21052	12.01	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	87376	13.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16401	15.83	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005243.D
Acq On : 11 Oct 2018 09:26
Operator : JC/MD
Sample : VX1010WBS05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

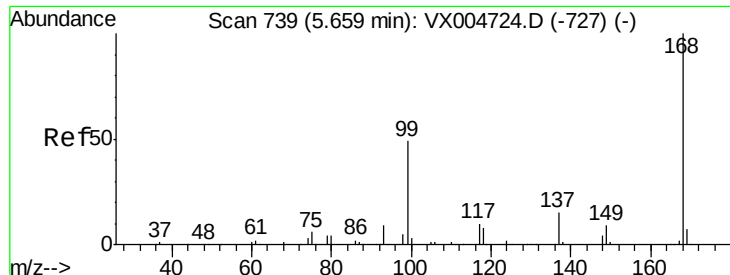
Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM

Quant Time: Oct 11 11:29:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58339	12.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	22064	9.23	ug/l	99
95) Naphthalene	13.83	128	194776	13.27	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63518	13.34	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 168 Resp: 185236

Ion Ratio Lower Upper

168 100

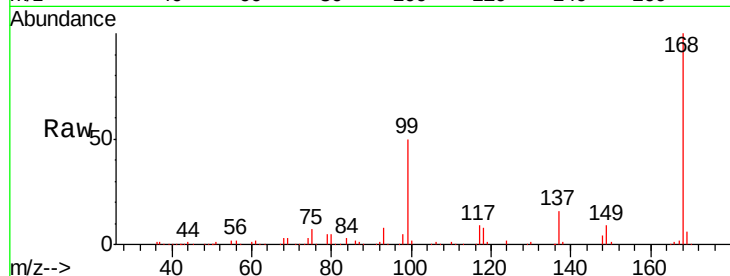
99 50.1 39.3 58.9

Manual Integrations

APPROVED

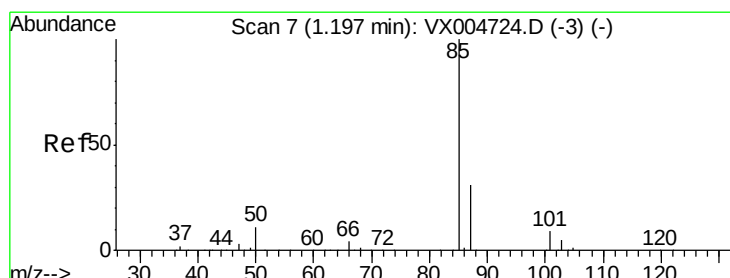
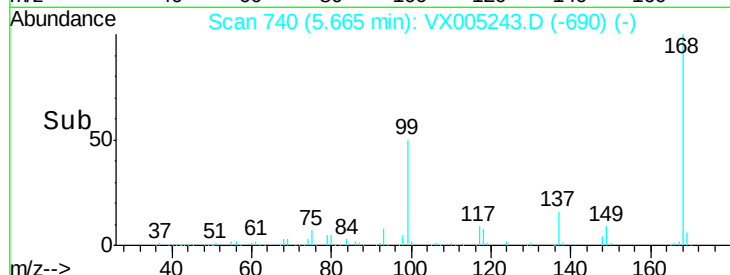
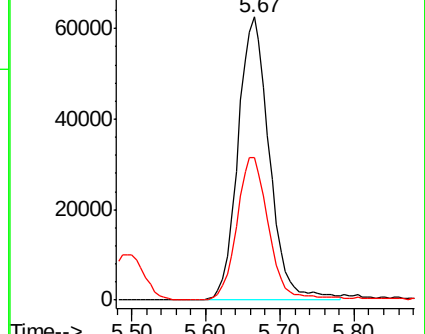
MMDadoda

10/12/2018 11:45:03 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 10.18 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005243.D

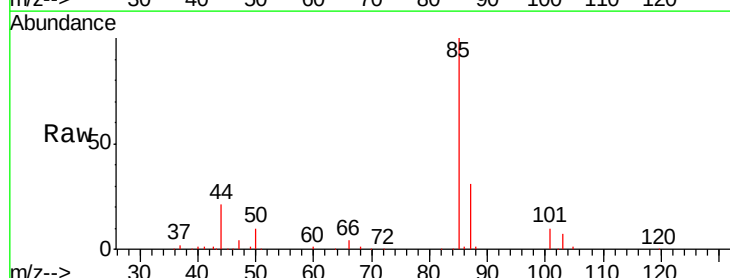
Acq: 11 Oct 2018 09:26

Tgt Ion: 85 Resp: 25699

Ion Ratio Lower Upper

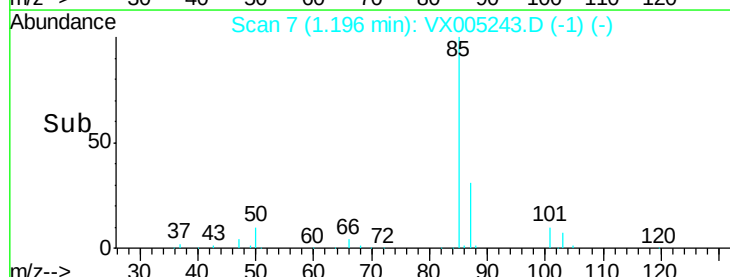
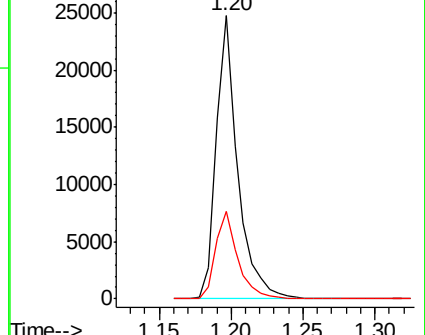
85 100

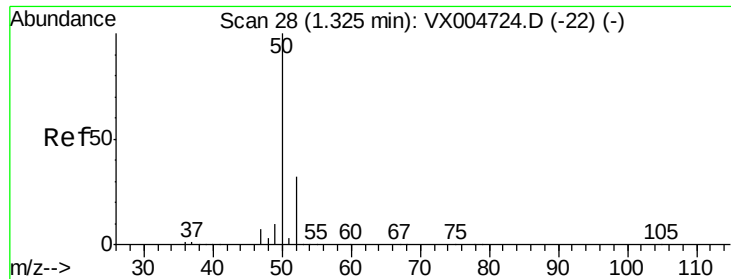
87 30.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.00 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 50 Resp: 45964

Ion Ratio Lower Upper

50 100

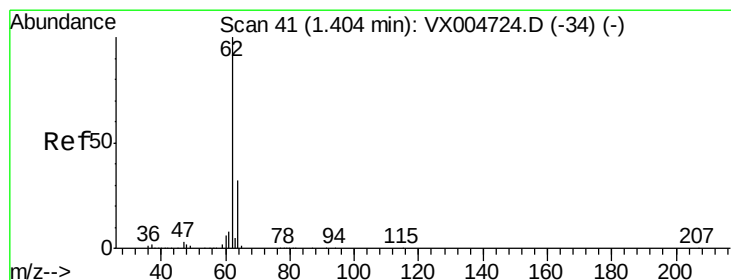
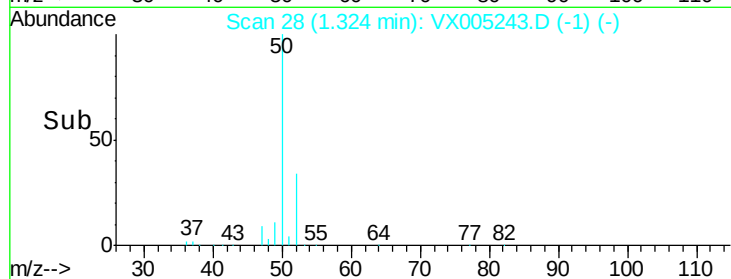
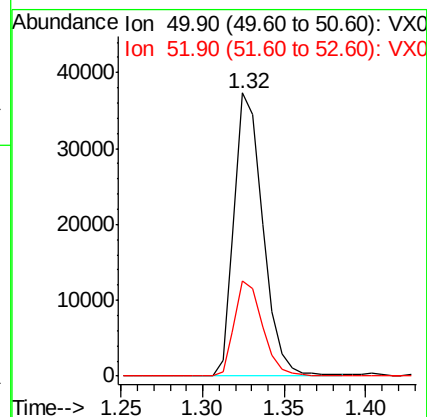
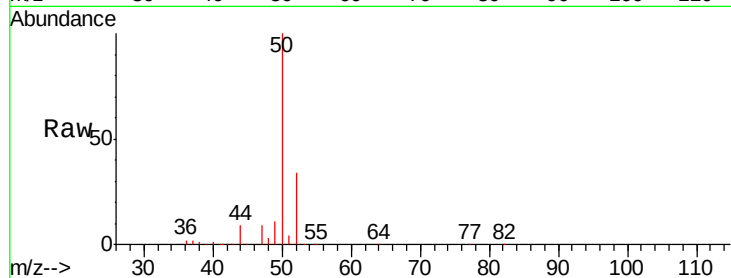
52 33.5 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

10/12/2018 11:45:03 AM



#4

Vinyl Chloride

Concen: 13.75 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005243.D

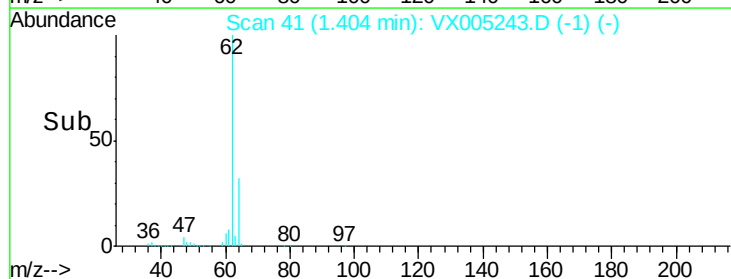
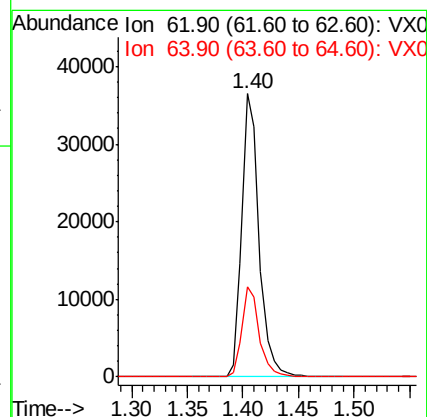
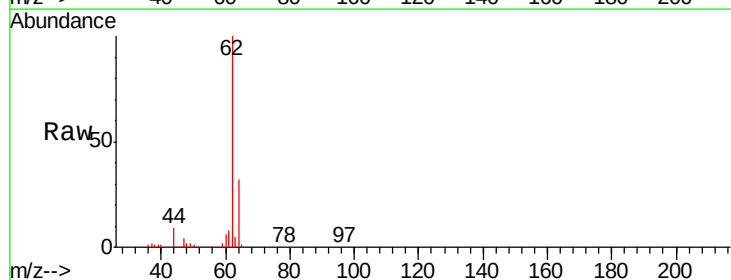
Acq: 11 Oct 2018 09:26

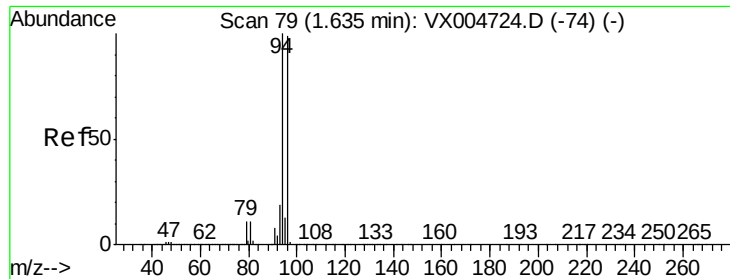
Tgt Ion: 62 Resp: 39520

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 16.08 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 94 Resp: 27402

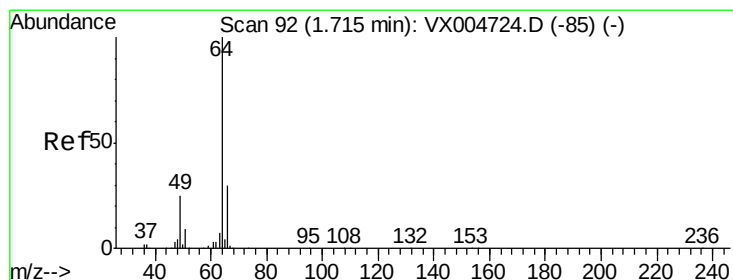
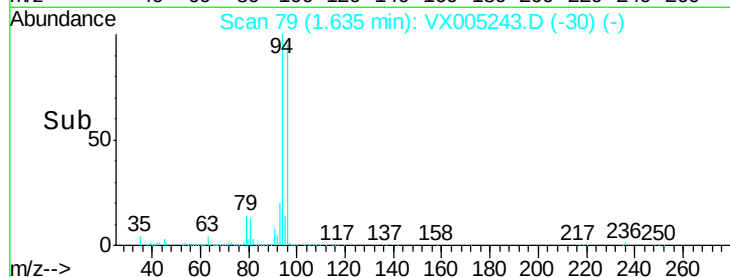
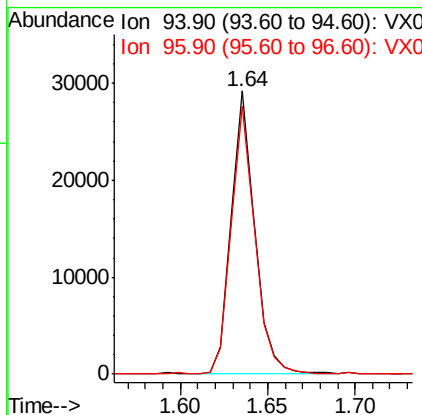
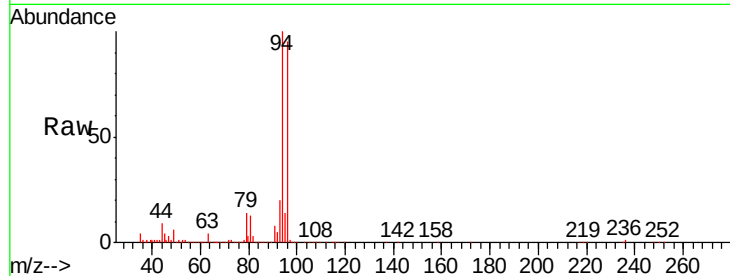
Ion Ratio Lower Upper

94 100

96 94.8 79.5 119.3

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#6

Chloroethane

Concen: 14.90 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005243.D

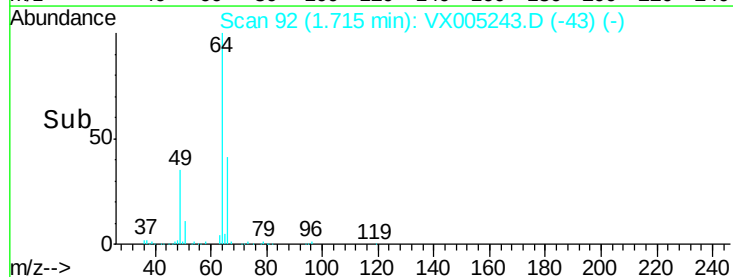
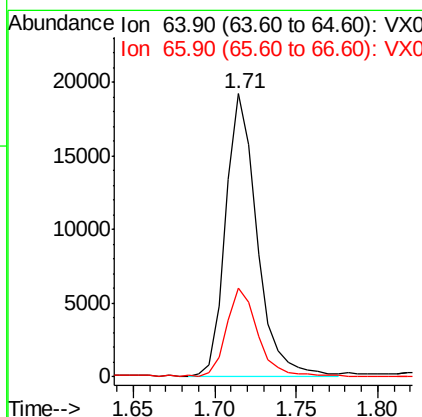
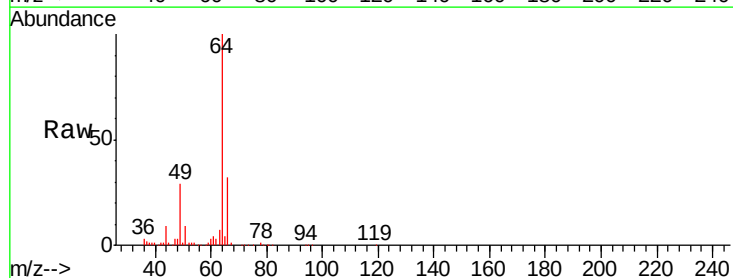
Acq: 11 Oct 2018 09:26

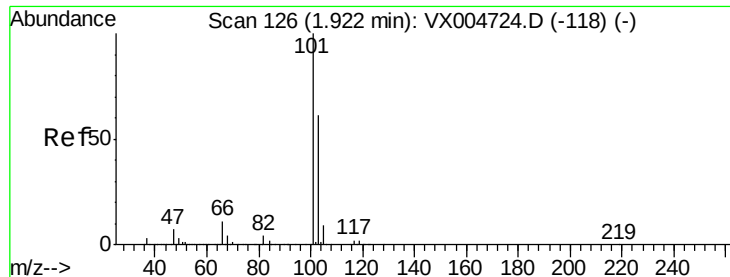
Tgt Ion: 64 Resp: 25903

Ion Ratio Lower Upper

64 100

66 31.1 23.8 35.6





#7

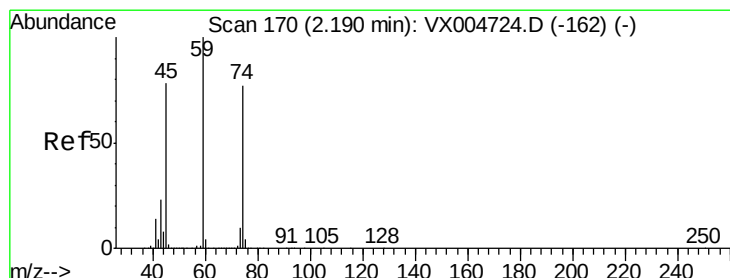
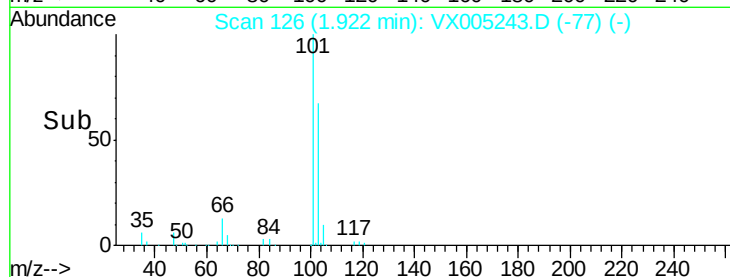
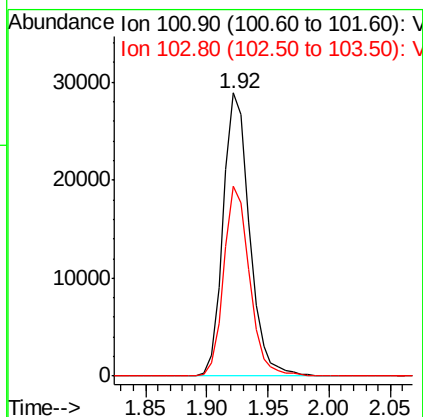
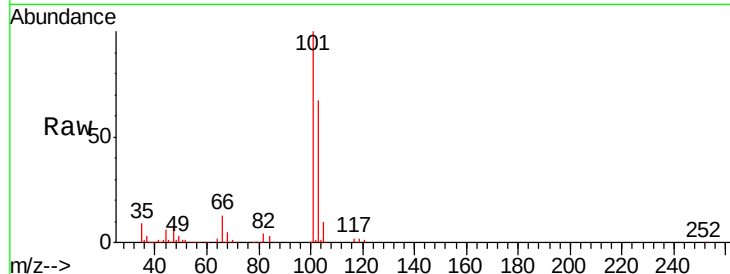
Trichlorofluoromethane
Concen: 12.12 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion: 101 Resp: 43119
Ion Ratio Lower Upper
101 100
103 67.3 48.4 72.6

Manual Integrations
APPROVED

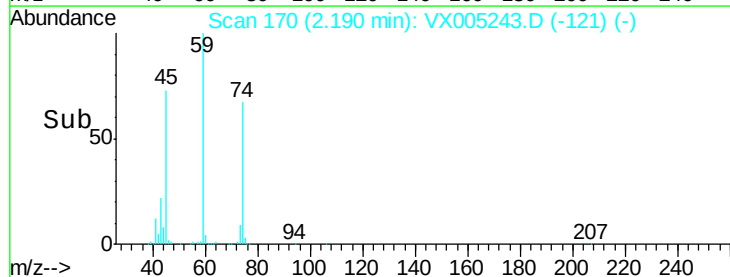
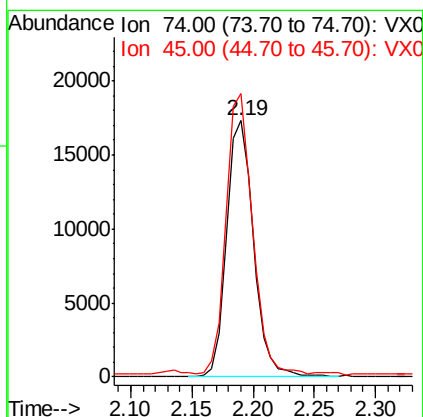
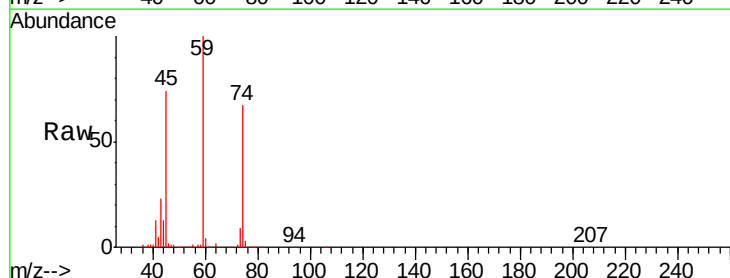
MMDadoda
10/12/2018 11:45:03 AM

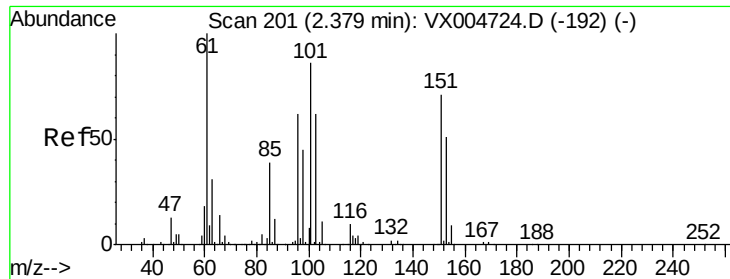


#8

Diethyl Ether
Concen: 17.04 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion: 74 Resp: 26332
Ion Ratio Lower Upper
74 100
45 106.1 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.39 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

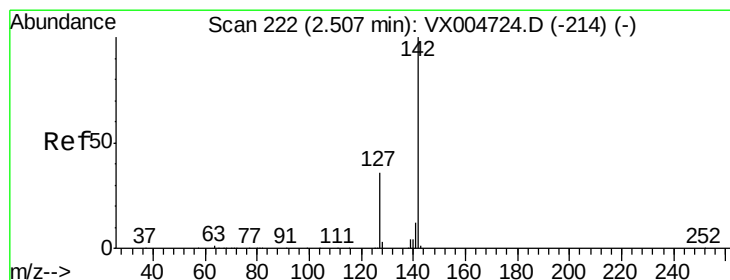
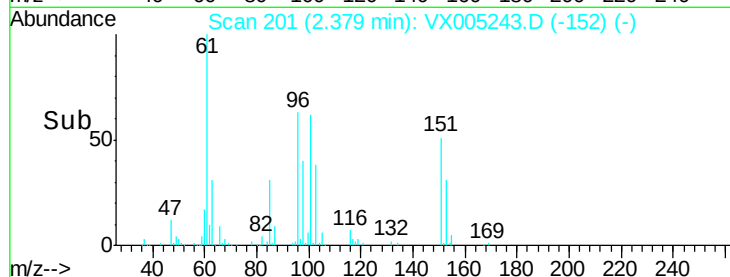
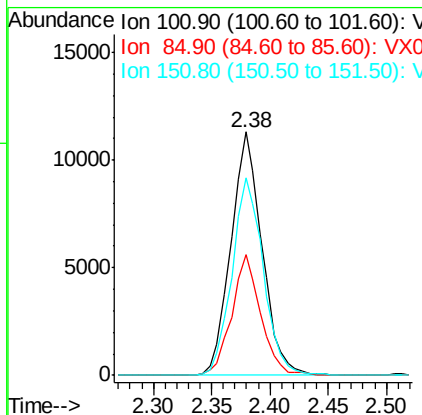
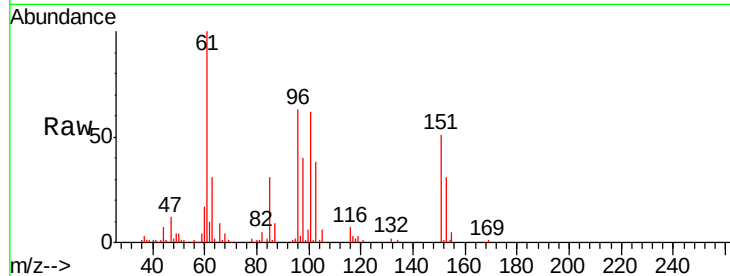
ClientSampleId :

VX1010WBS05

Tgt Ion:	101	Resp:	21054
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.9	53.9
151	81.6	66.6	100.0

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#10

Methyl Iodide

Concen: 13.38 ug/l

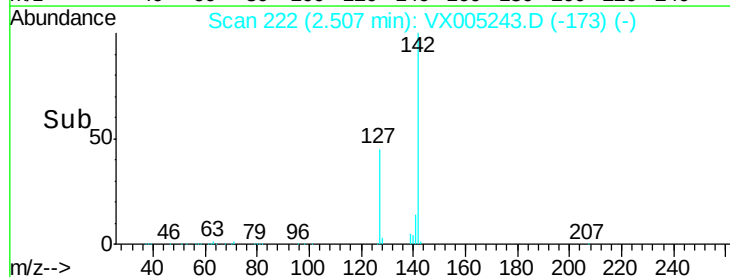
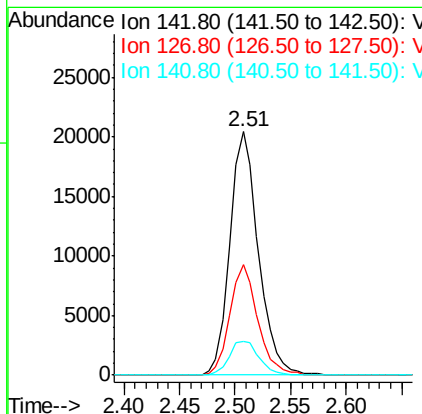
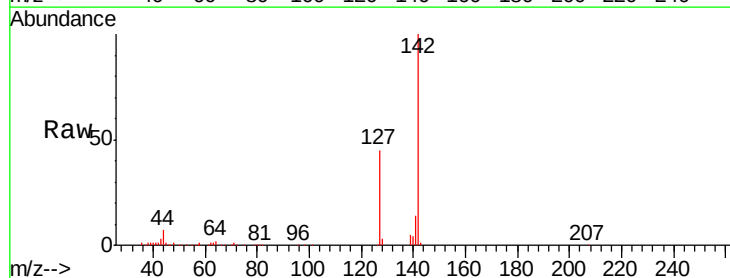
RT: 2.51 min Scan# 222

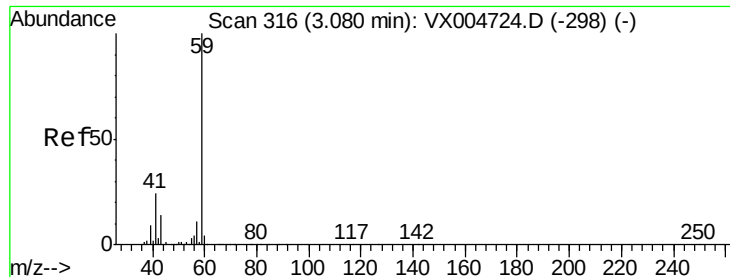
Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	142	Resp:	36277
Ion Ratio	Lower	Upper	
142	100		
127	44.0	30.1	45.1
141	14.6	10.1	15.1





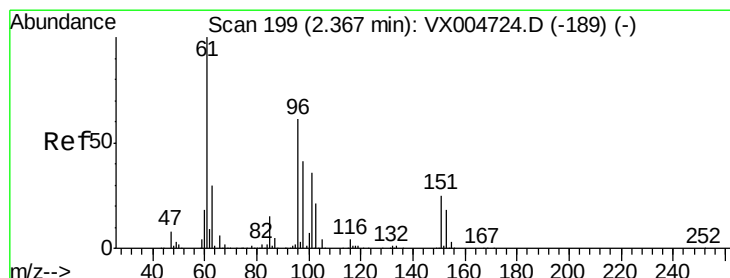
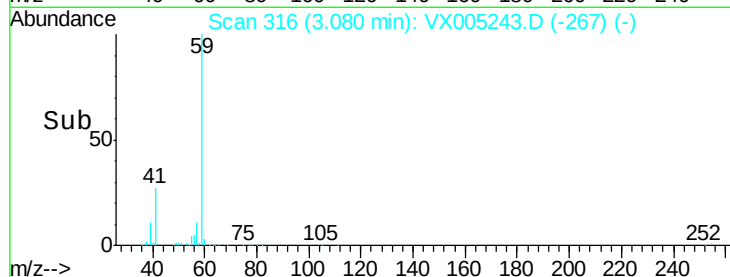
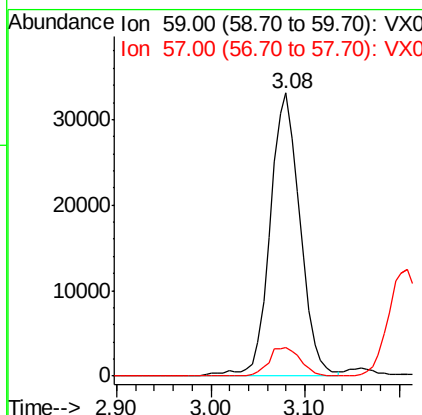
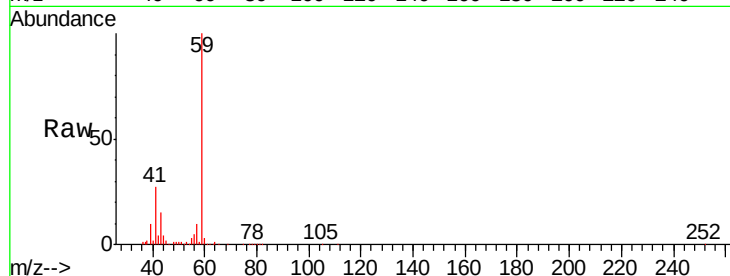
#11
Tert butyl alcohol
Concen: 99.54 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion: 59 Resp: 73650
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

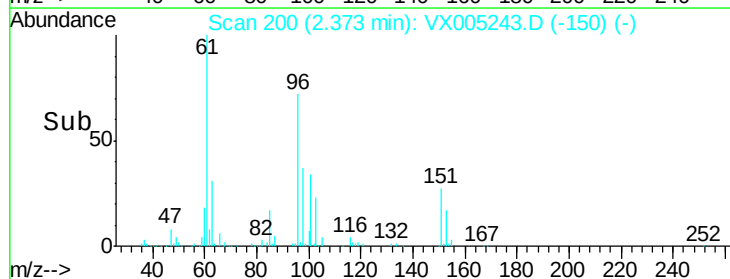
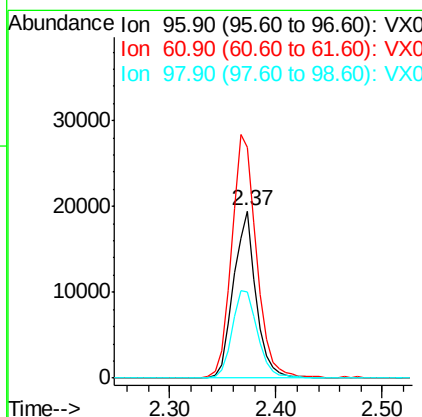
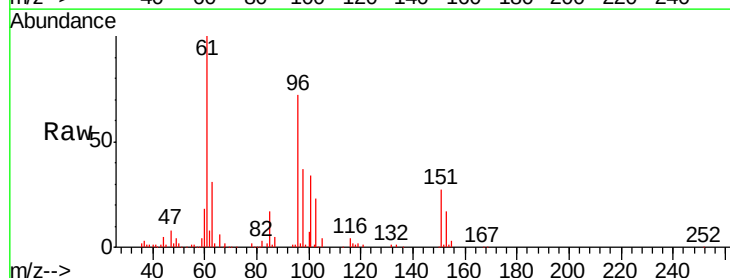
Manual Integrations
APPROVED

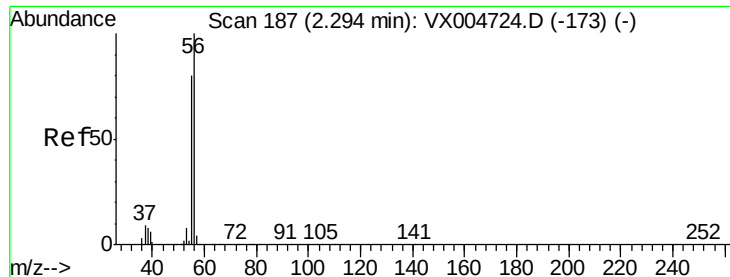
MMDadoda
10/12/2018 11:45:03 AM



#12
1,1-Dichloroethene
Concen: 14.49 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion: 96 Resp: 29079
Ion Ratio Lower Upper
96 100
61 138.4 130.2 195.4
98 51.5 53.4 80.0#





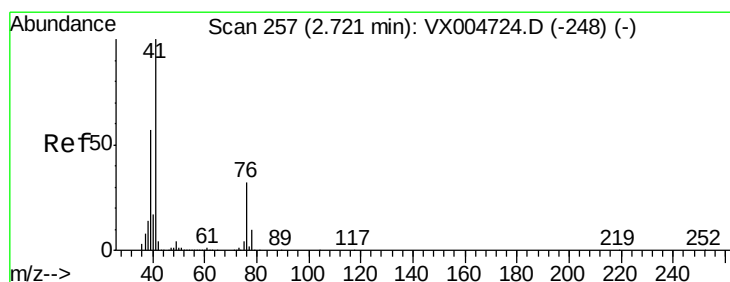
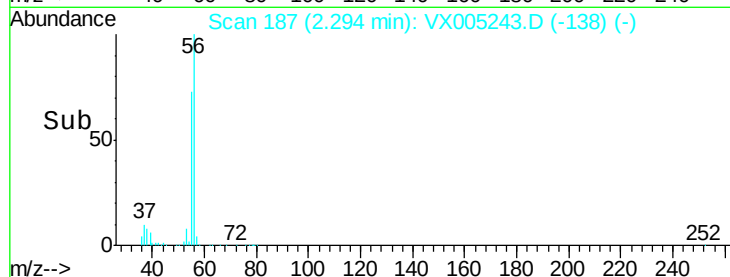
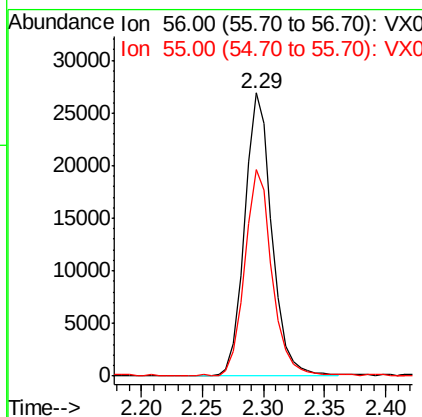
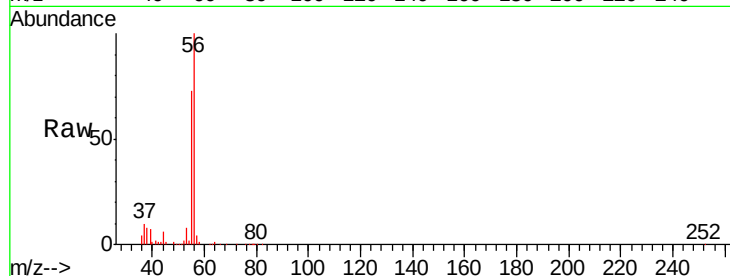
#13
Acrolein
Concen: 78.93 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.6	63.4	95.2

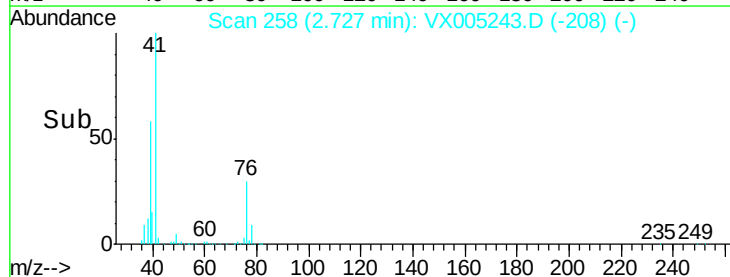
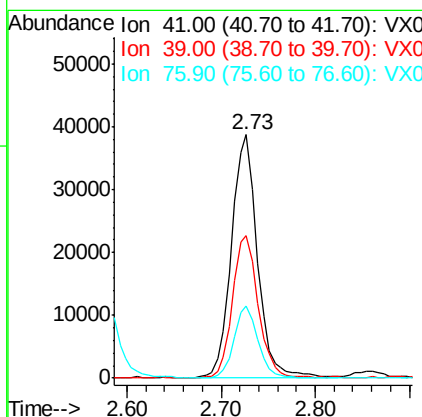
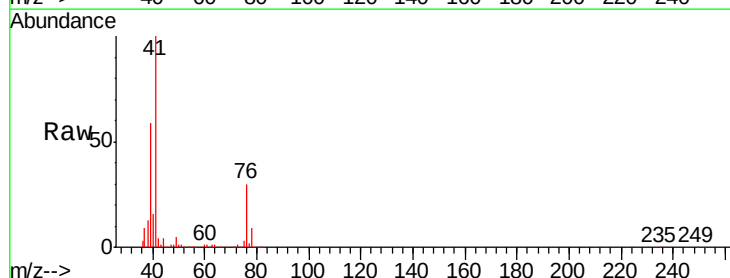
Manual Integrations
APPROVED

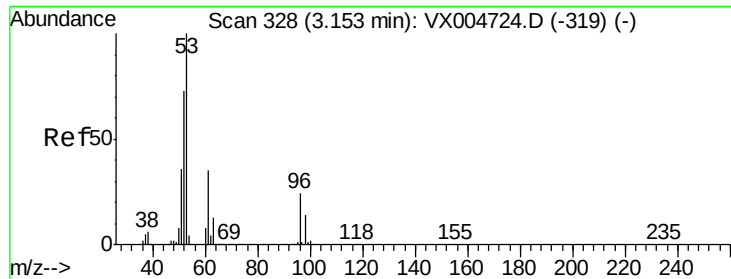
MMDadoda
10/12/2018 11:45:03 AM



#14
Allyl chloride
Concen: 16.74 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.3	44.1	66.1
76	27.9	25.0	37.4





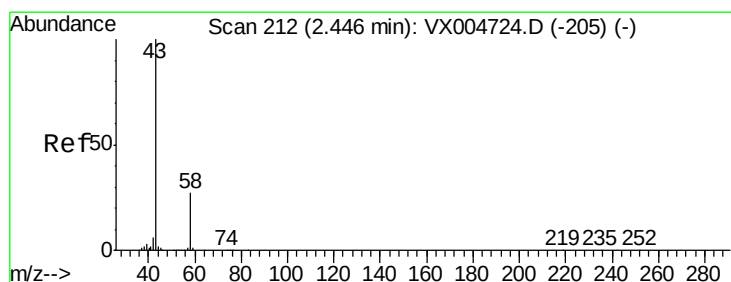
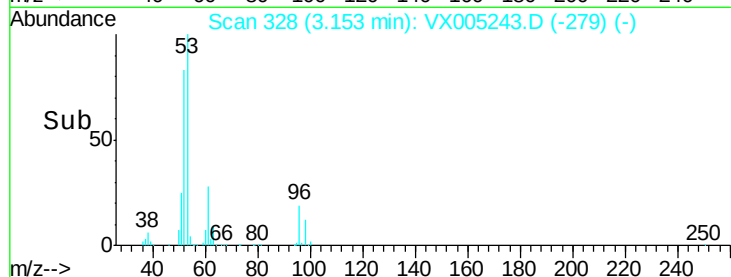
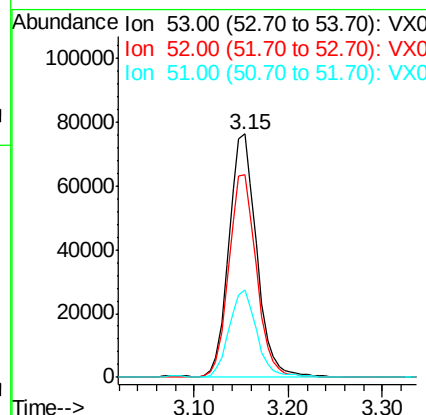
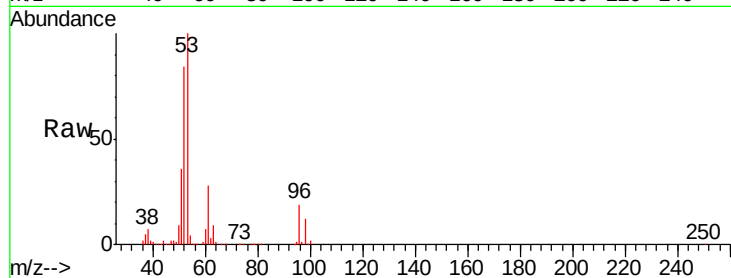
#15
Acrylonitrile
Concen: 95.00 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	63.0	94.4
51	36.0	28.6	42.8

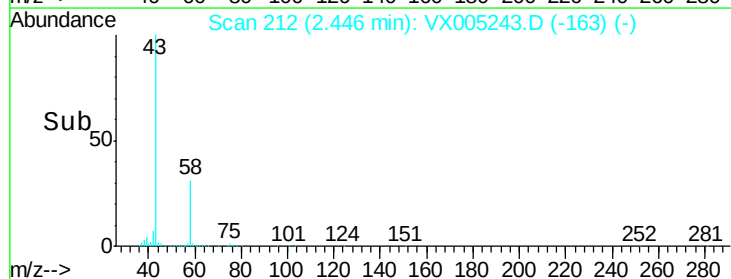
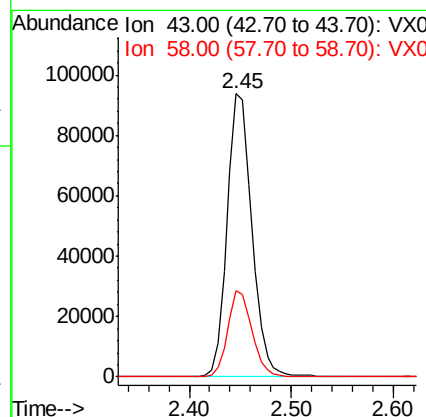
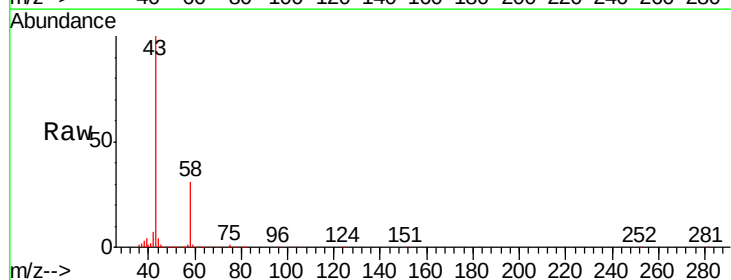
Manual Integrations
APPROVED

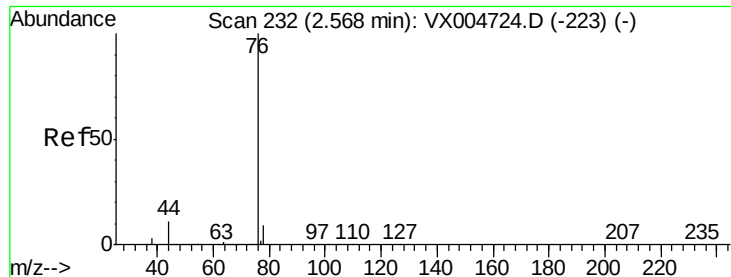
MMDadoda
10/12/2018 11:45:03 AM



#16
Acetone
Concen: 102.05 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	21.8	32.6





#17

Carbon Disulfide

Concen: 12.75 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 76 Resp: 76921

Ion Ratio Lower Upper

76 100

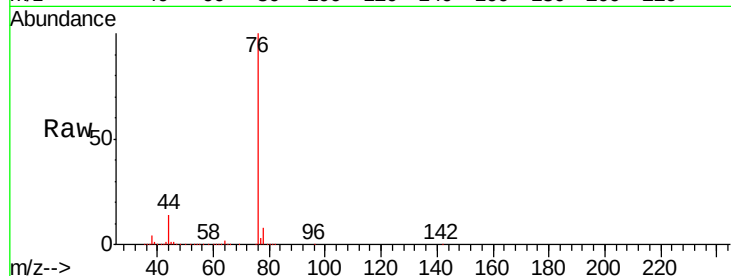
78 7.7 7.0 10.6

Manual Integrations

APPROVED

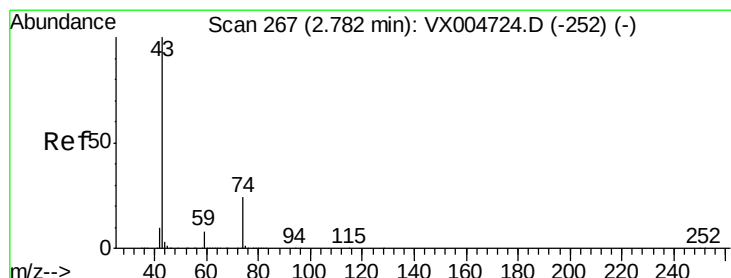
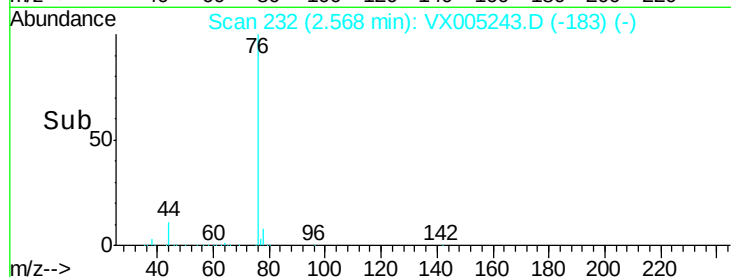
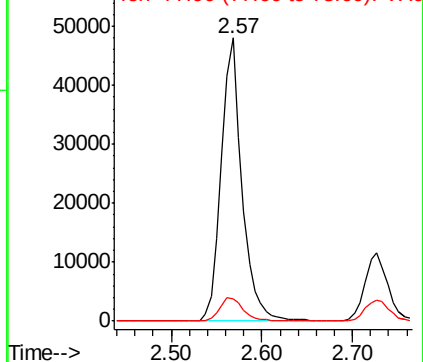
MMDadoda

10/12/2018 11:45:03 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.04 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005243.D

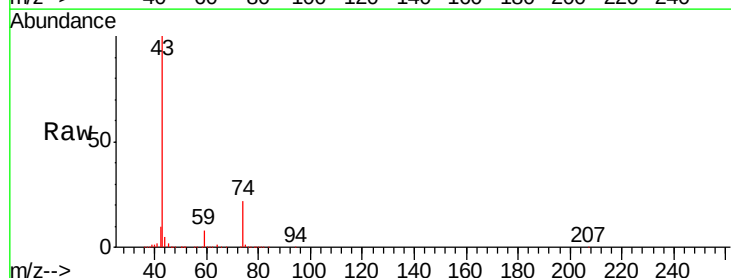
Acq: 11 Oct 2018 09:26

Tgt Ion: 43 Resp: 82340

Ion Ratio Lower Upper

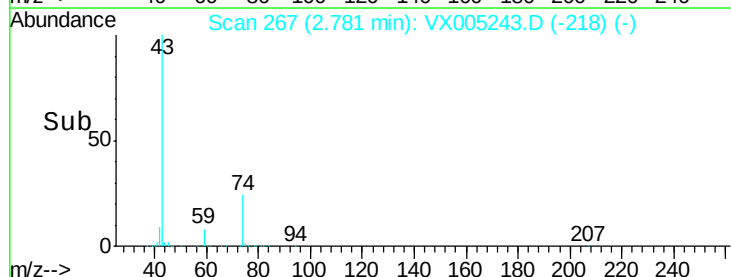
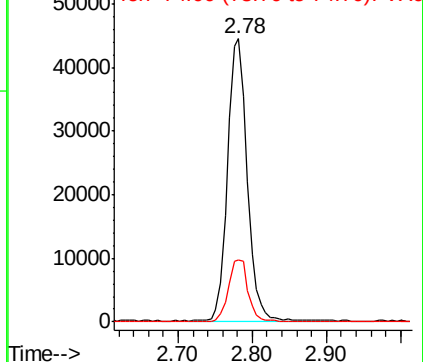
43 100

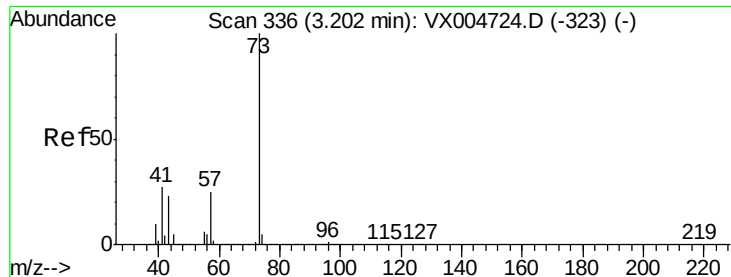
74 21.5 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





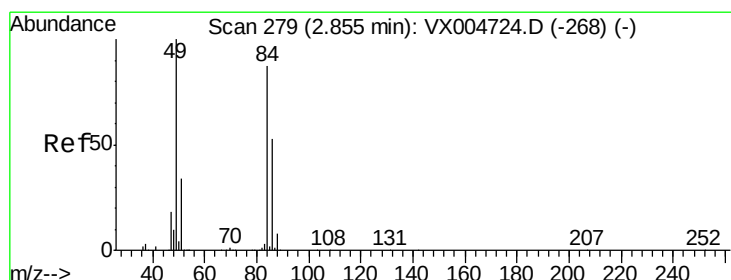
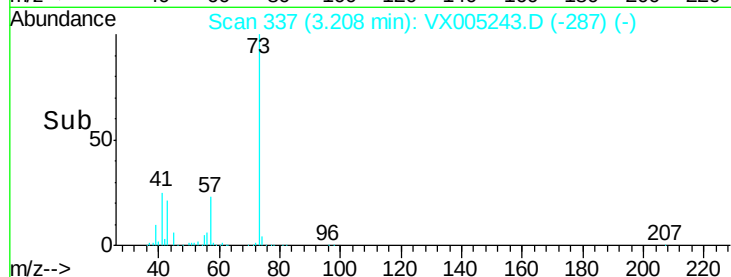
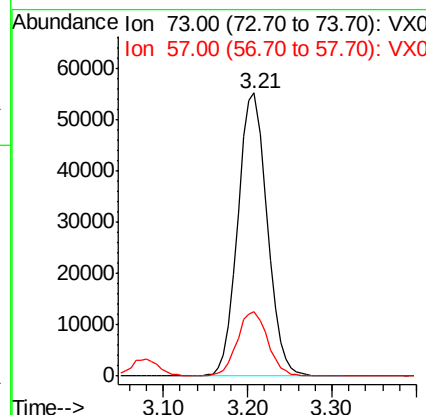
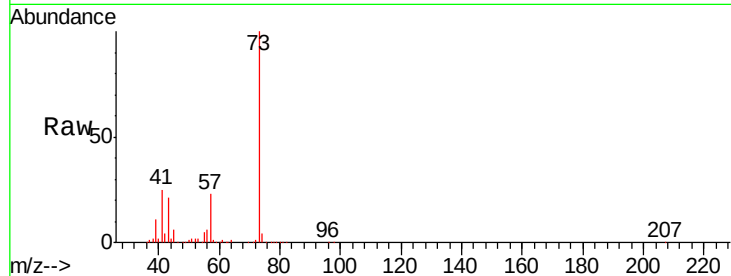
#19
Methyl tert-butyl Ether
Concen: 18.77 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion: 73 Resp: 129926
Ion Ratio Lower Upper
73 100
57 22.6 19.9 29.9

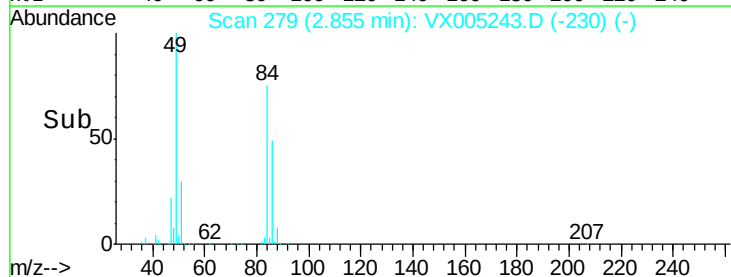
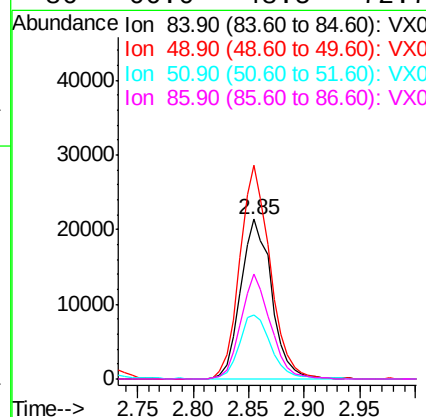
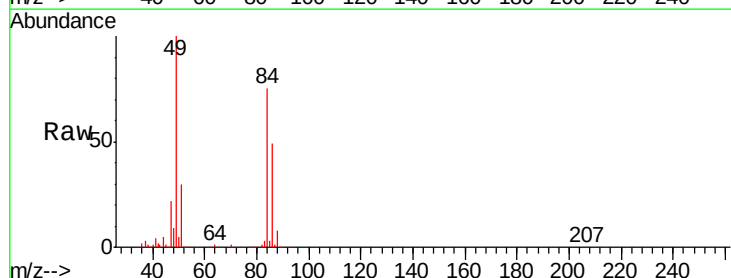
Manual Integrations
APPROVED

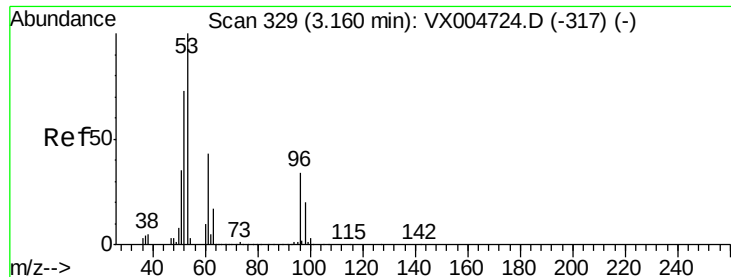
MMDadoda
10/12/2018 11:45:03 AM



#20
Methylene Chloride
Concen: 17.84 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion: 84 Resp: 41286
Ion Ratio Lower Upper
84 100
49 133.5 92.3 138.5
51 40.0 31.8 47.6
86 66.0 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 15.03 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 96 Resp: 33012

Ion Ratio Lower Upper

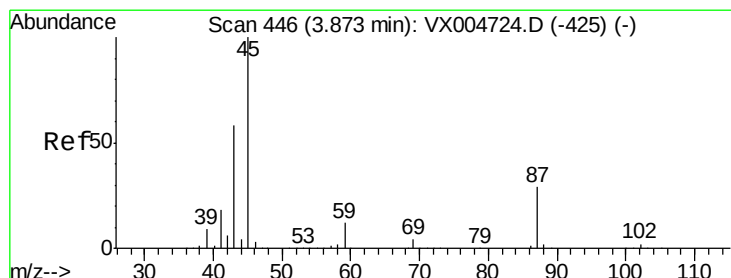
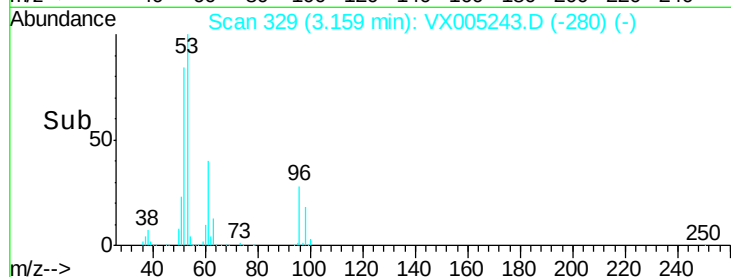
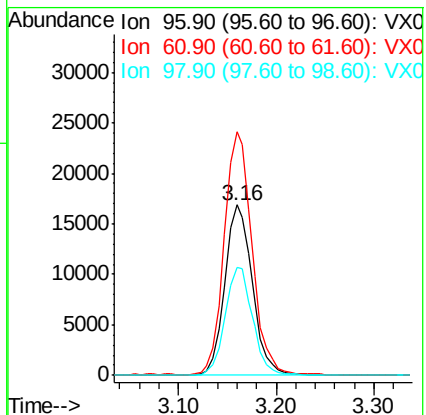
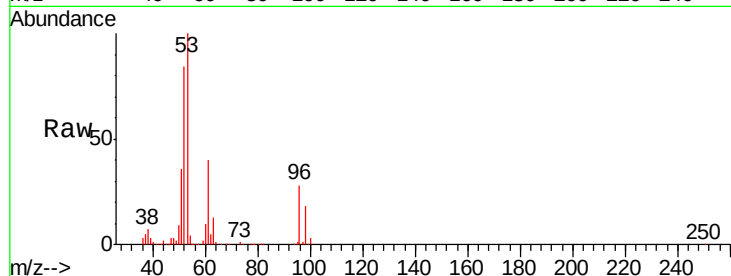
96 100

61 142.5 101.0 151.6

98 63.2 47.2 70.8

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#22

Diisopropyl ether

Concen: 17.05 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion: 45 Resp: 125703

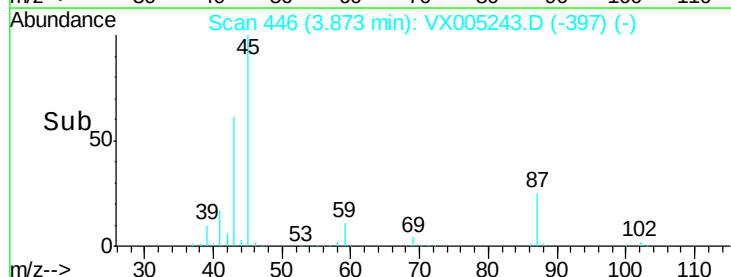
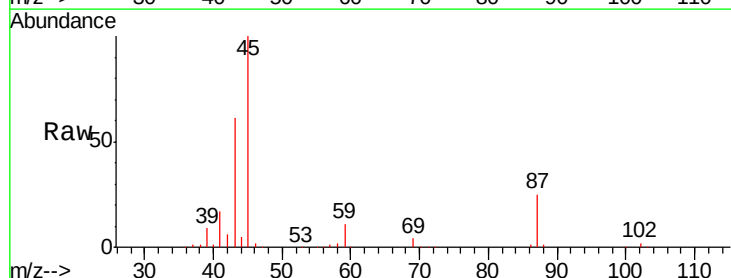
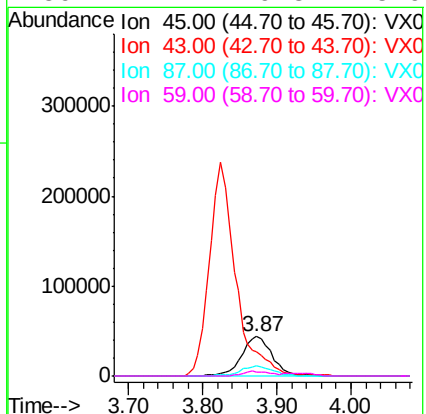
Ion Ratio Lower Upper

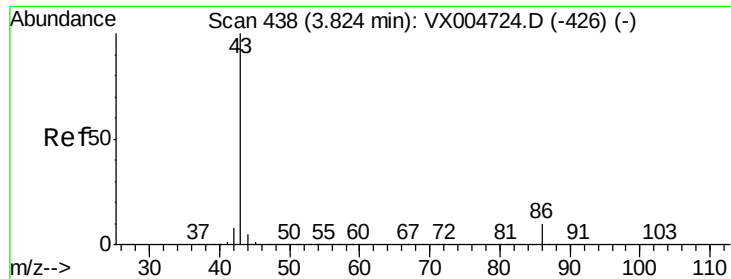
45 100

43 60.2 46.7 70.1

87 24.7 22.9 34.3

59 11.2 9.3 13.9





#23

Vinyl Acetate

Concen: 86.42 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 43 Resp: 583383

Ion Ratio Lower Upper

43 100

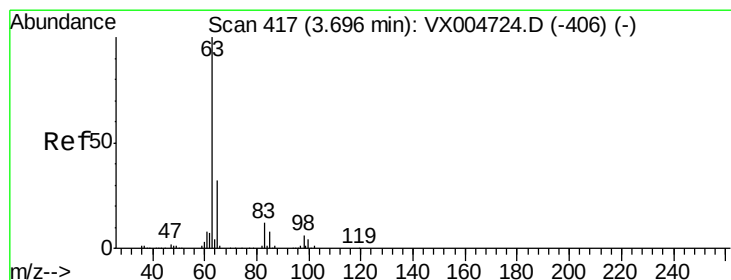
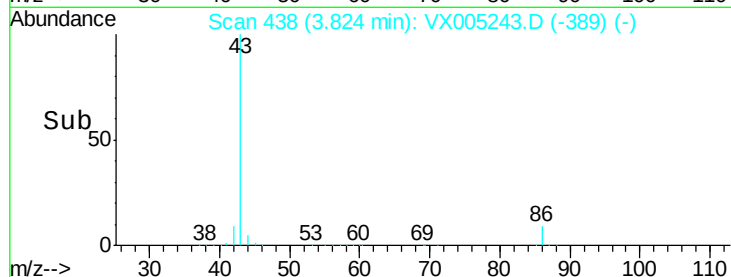
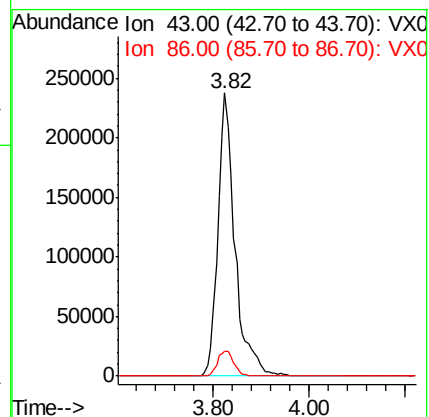
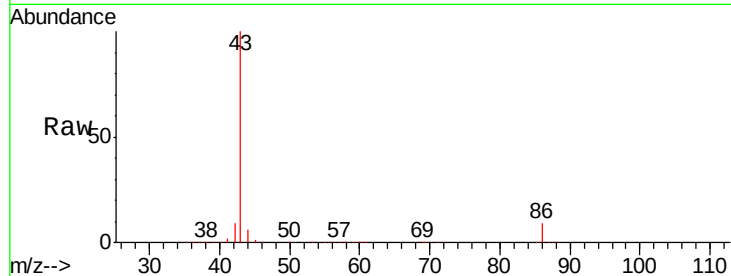
86 8.8 8.1 12.1

Manual Integrations

APPROVED

MMDadoda

10/12/2018 11:45:03 AM



#24

1,1-Dichloroethane

Concen: 16.43 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

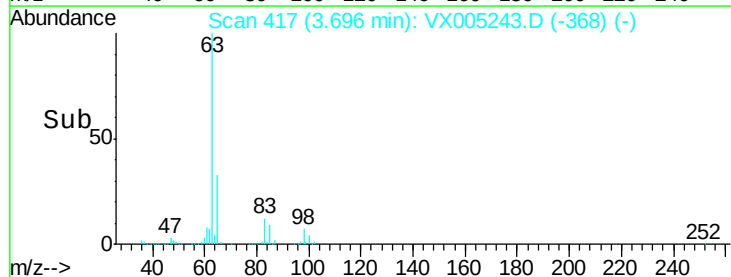
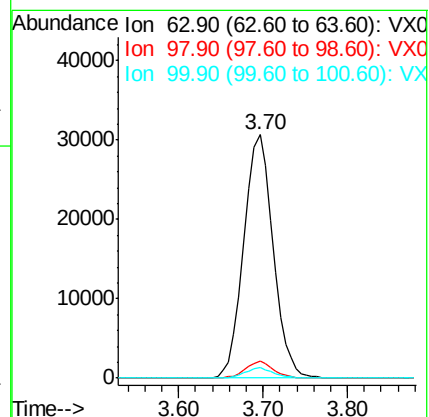
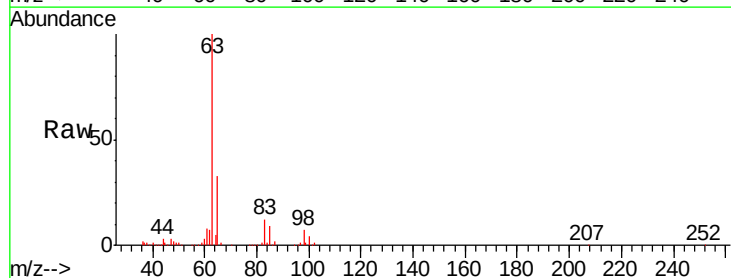
Tgt Ion: 63 Resp: 72255

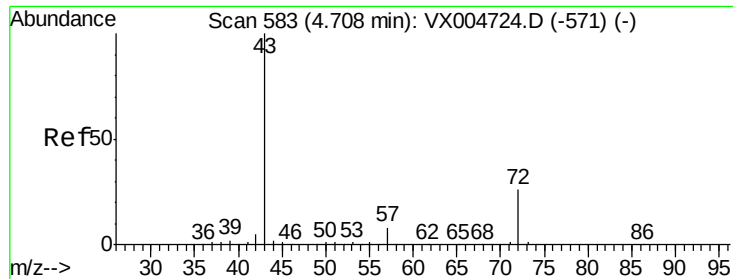
Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 90.07 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 43 Resp: 205106

Ion Ratio Lower Upper

43 100

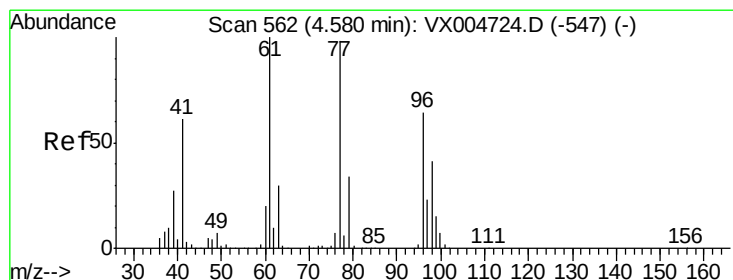
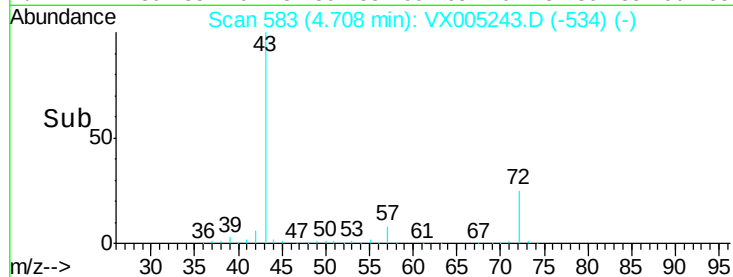
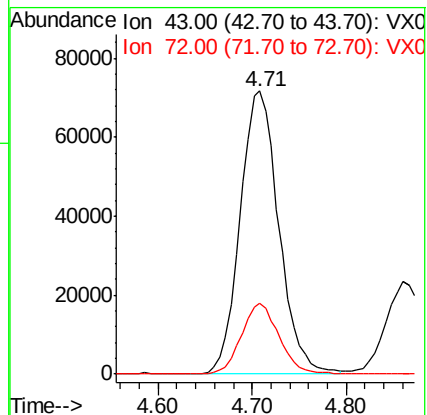
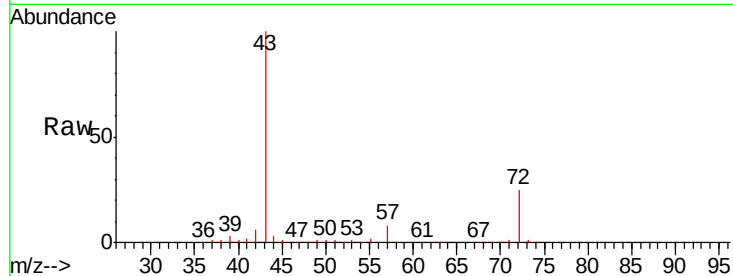
72 25.2 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

10/12/2018 11:45:03 AM



#26

2,2-Dichloropropane

Concen: 15.74 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005243.D

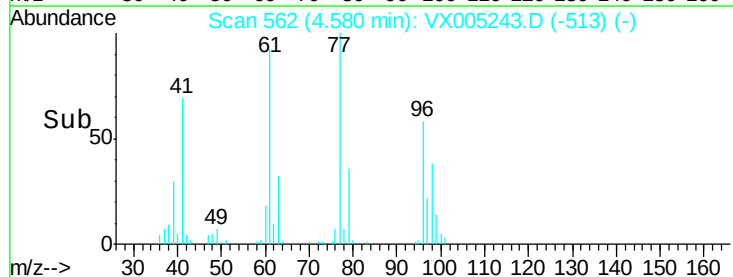
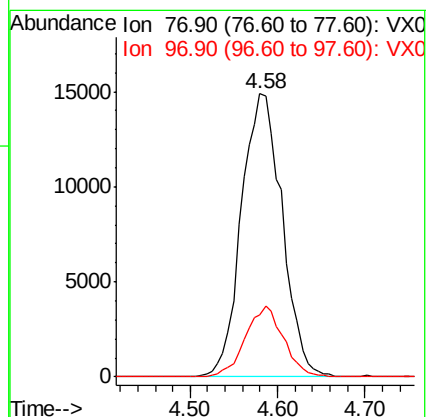
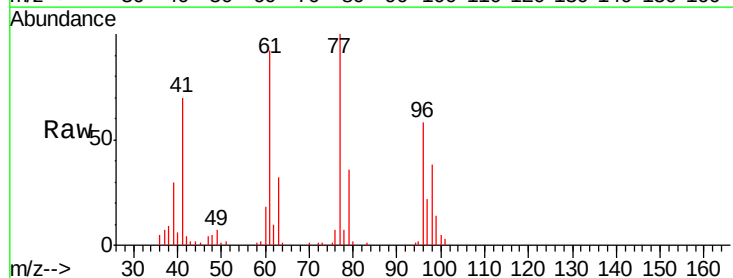
Acq: 11 Oct 2018 09:26

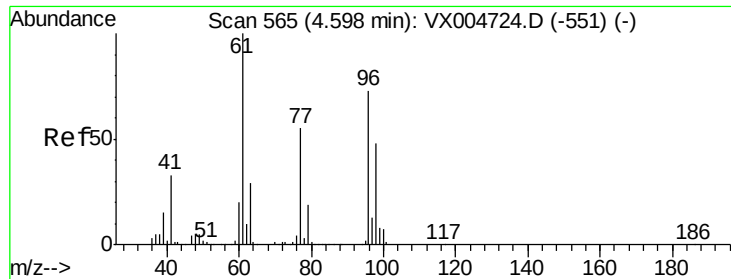
Tgt Ion: 77 Resp: 48227

Ion Ratio Lower Upper

77 100

97 23.3 12.6 37.8





#27

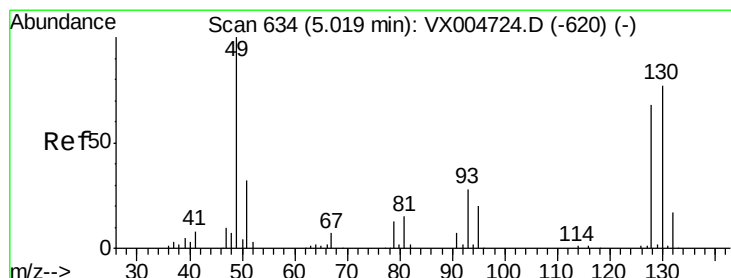
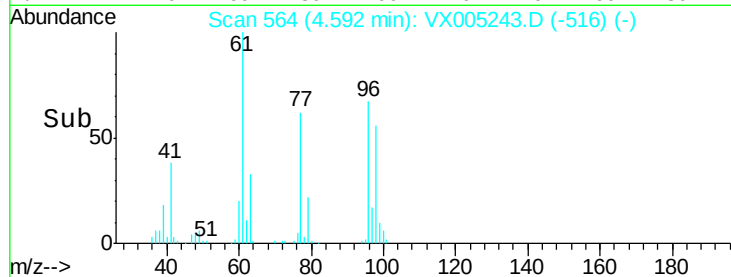
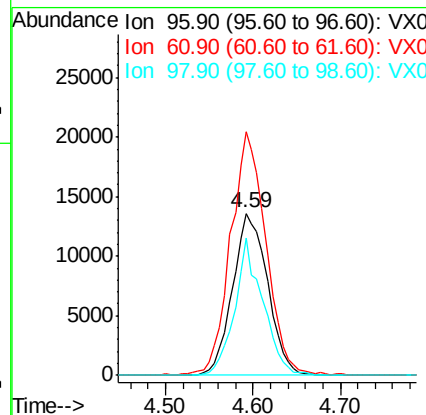
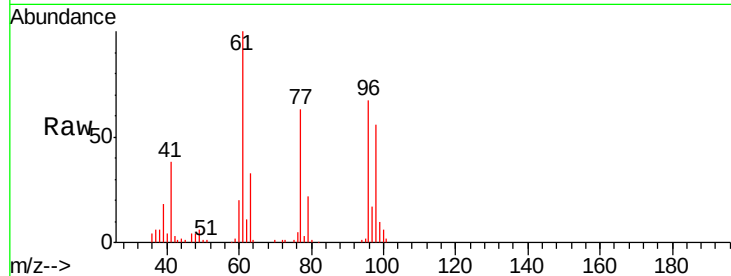
cis-1,2-Dichloroethene
Concen: 15.39 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	285.8
98	68.4	0.0	136.2

Manual Integrations
APPROVED

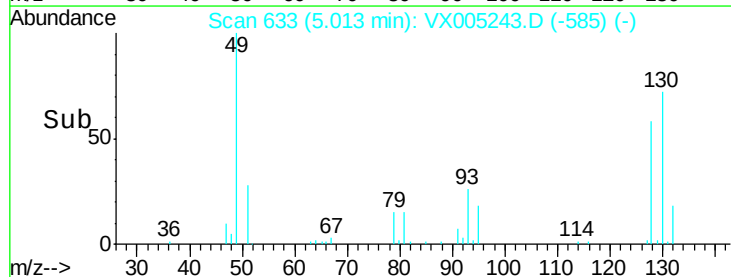
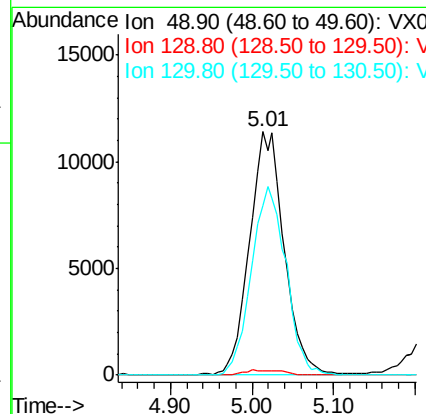
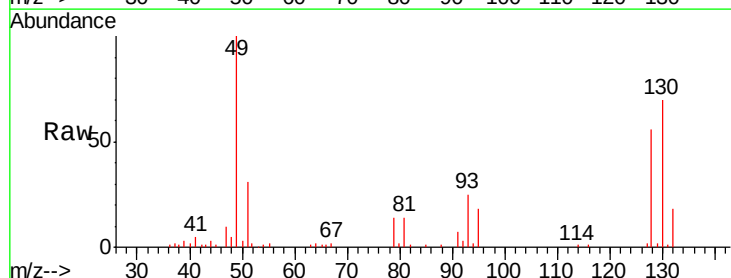
MMDadoda
10/12/2018 11:45:03 AM

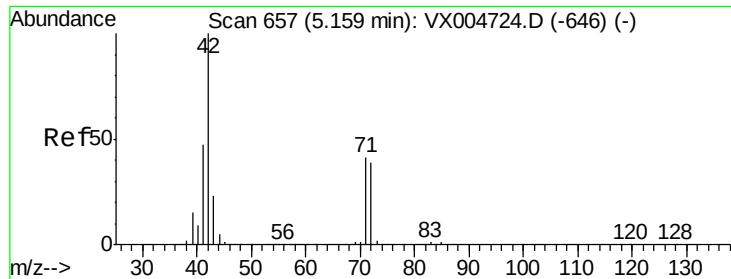


#28

Bromochloromethane
Concen: 16.31 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.2
130	77.2	62.0	93.0





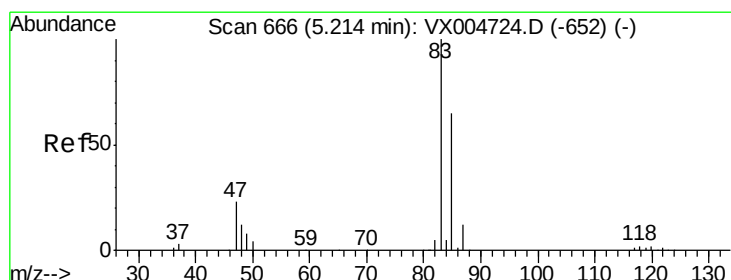
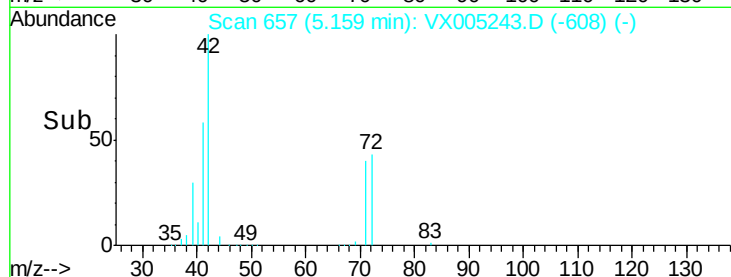
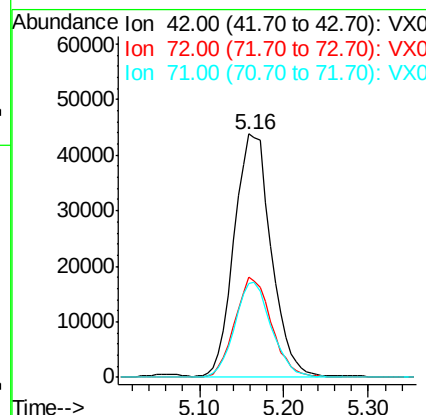
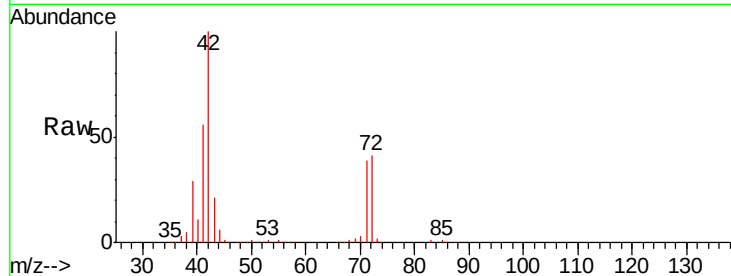
#29
Tetrahydrofuran
Concen: 91.40 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.7	50.5
71	39.4	32.2	48.4

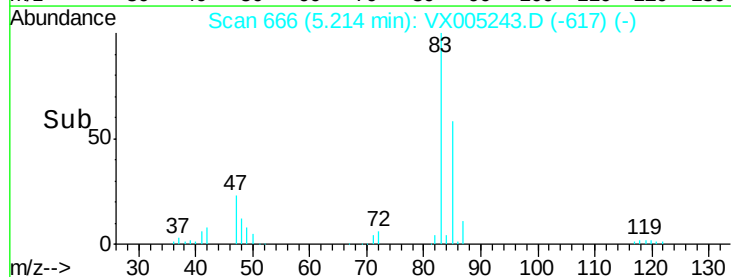
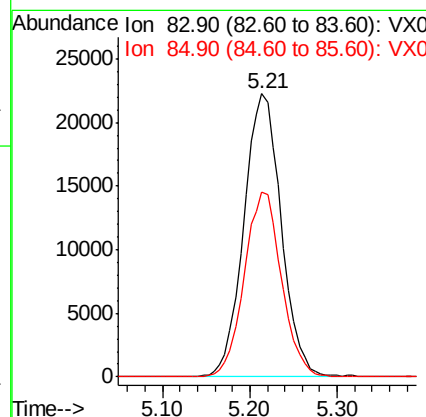
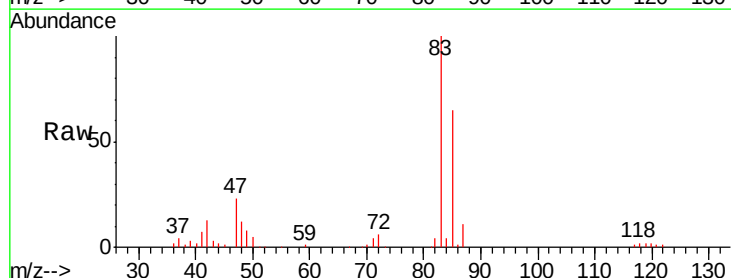
Manual Integrations
APPROVED

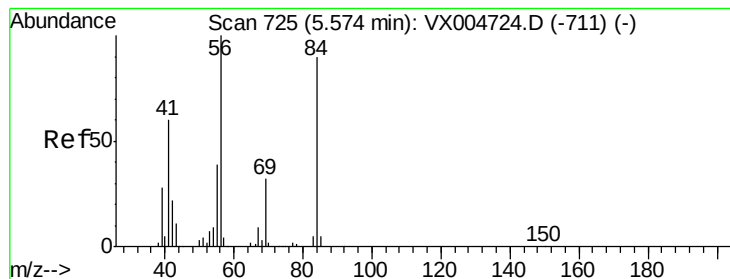
MMDadoda
10/12/2018 11:45:03 AM



#30
Chloroform
Concen: 15.89 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





#31

Cyclohexane

Concen: 10.32 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

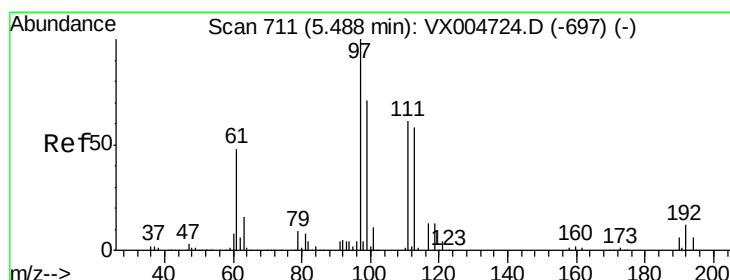
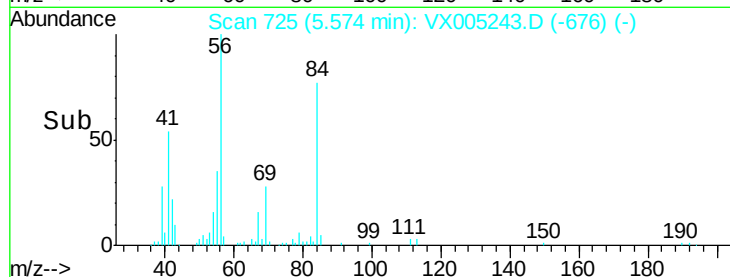
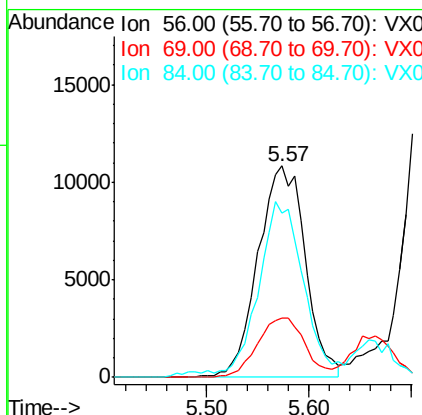
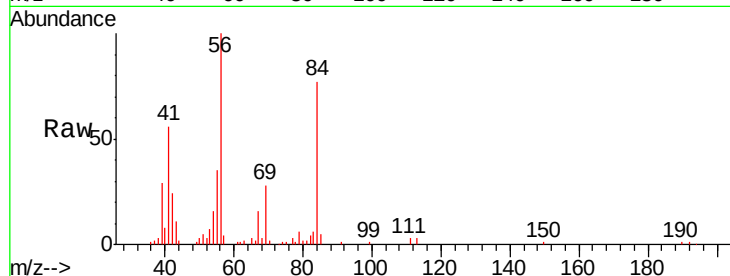
ClientSampleId :

VX1010WBS05

Tgt Ion:	56	Resp:	34745
Ion	Ratio	Lower	Upper
56	100		
69	28.1	25.9	38.9
84	74.9	71.9	107.9

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#32

1,1,1-Trichloroethane

Concen: 14.25 ug/l

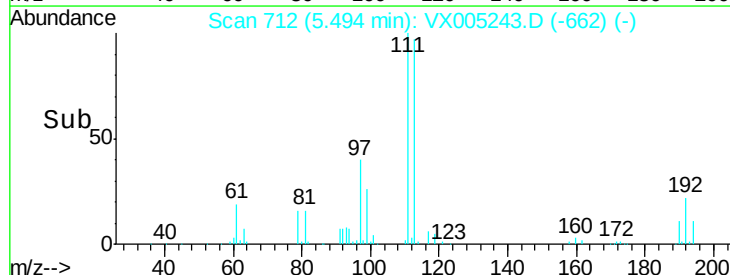
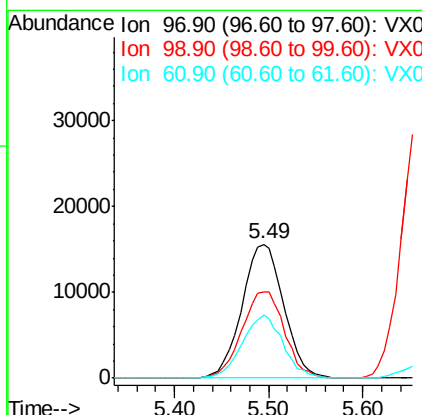
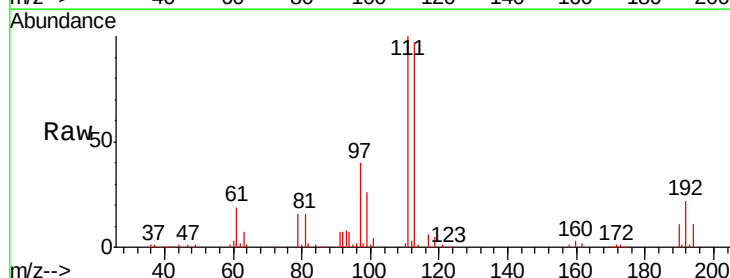
RT: 5.49 min Scan# 712

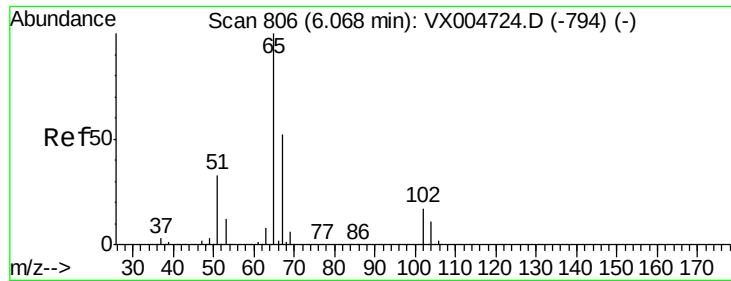
Delta R.T. 0.01 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	97	Resp:	48370
Ion	Ratio	Lower	Upper
97	100		
99	65.7	54.6	82.0
61	45.7	37.5	56.3





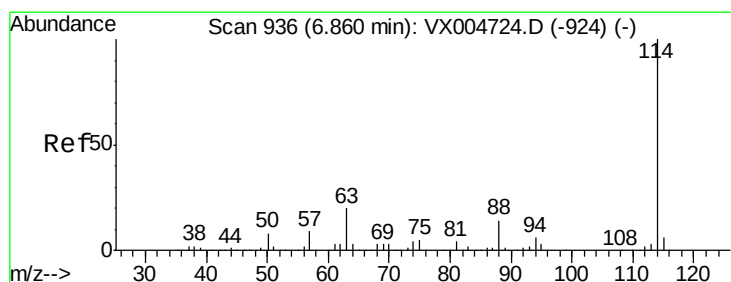
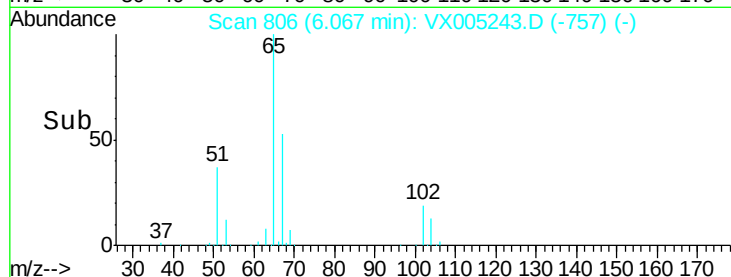
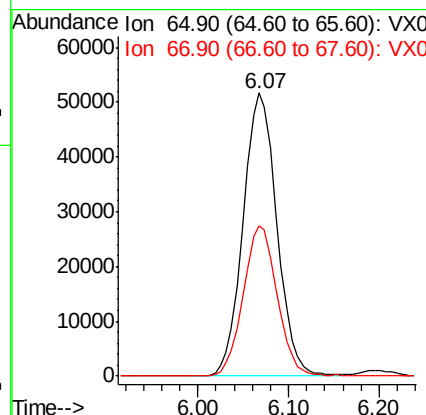
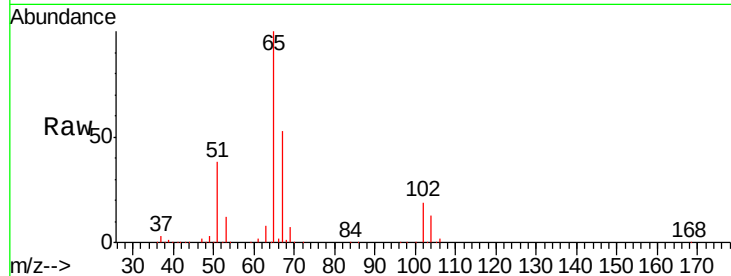
#33
 1,2-Dichloroethane-d4
 Concen: 50.40 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	133358		
67	53.4	0.0	107.4	

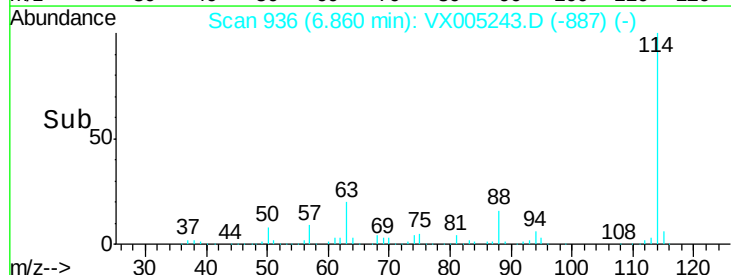
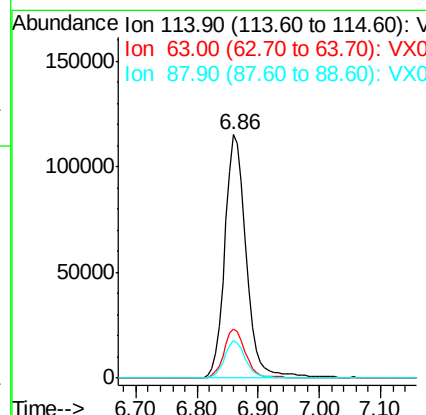
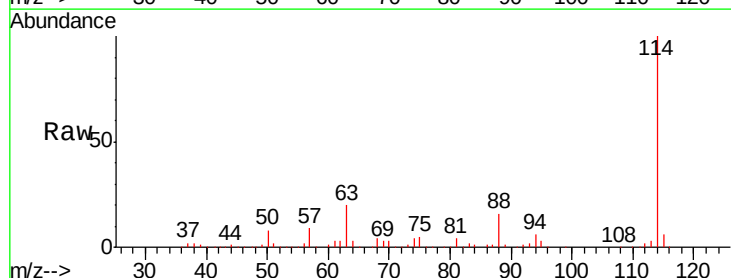
Manual Integrations
 APPROVED

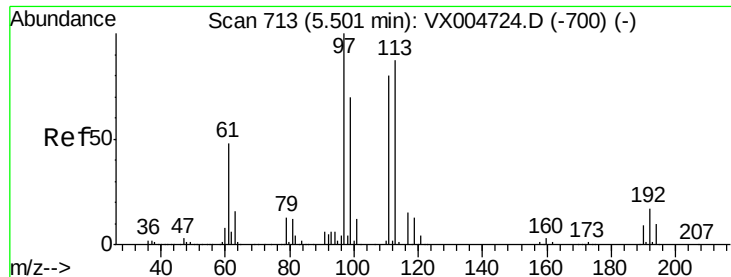
MMDadoda
 10/12/2018 11:45:03 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	281323		
63	20.3	0.0	39.8	
88	15.5	0.0	27.0	





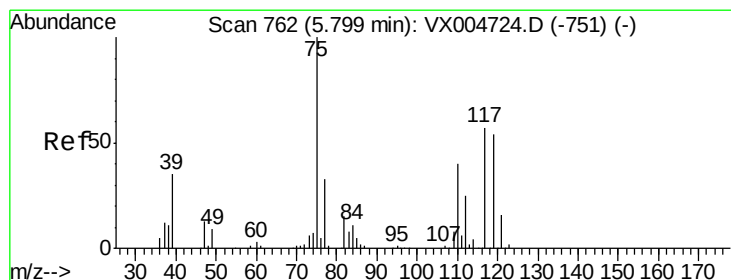
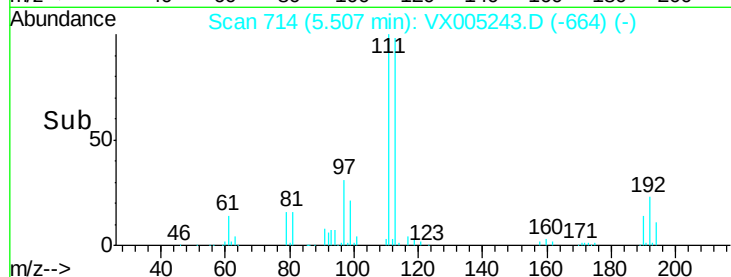
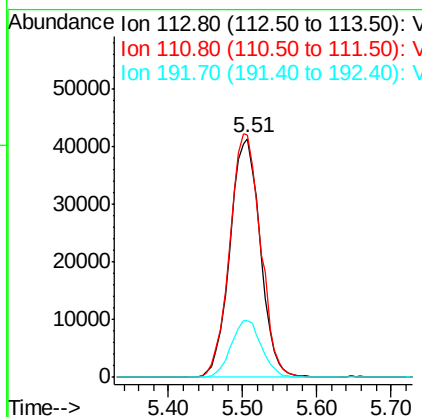
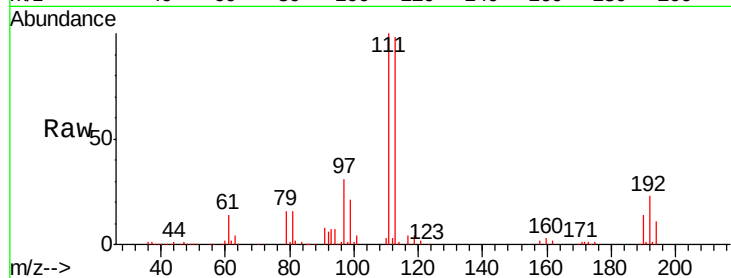
#35
Dibromofluoromethane
Concen: 49.69 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	118466		
111	103.4	77.0	115.4	
192	23.7	17.0	25.6	

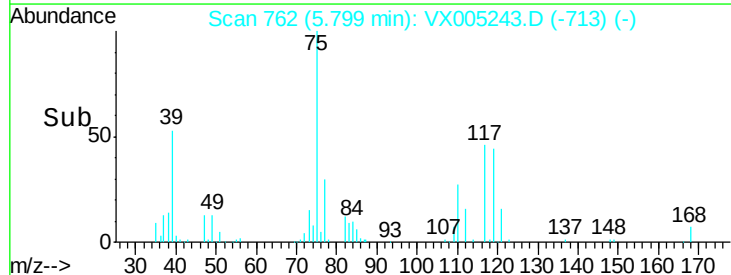
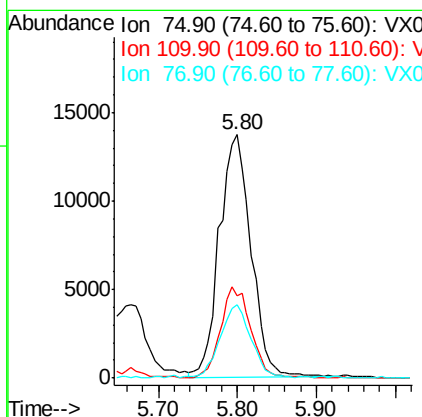
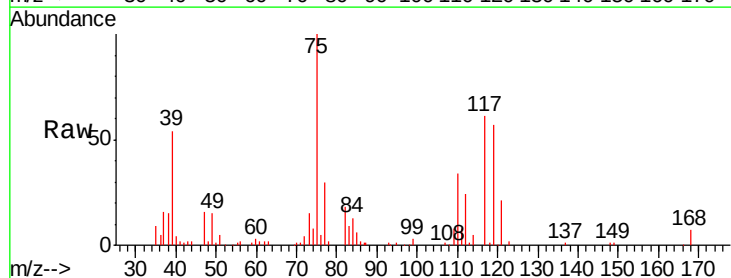
Manual Integrations
APPROVED

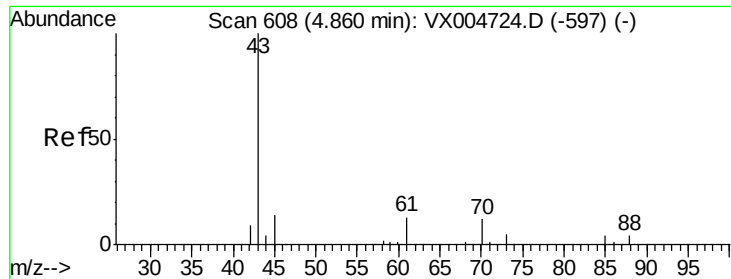
MMDadoda
10/12/2018 11:45:03 AM



#36
1,1-Dichloropropene
Concen: 11.70 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38049		
110	36.3	20.0	59.9	
77	30.2	27.1	40.7	





#37

Ethyl Acetate

Concen: 15.96 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

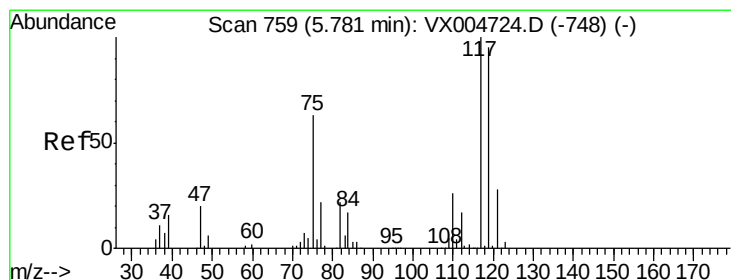
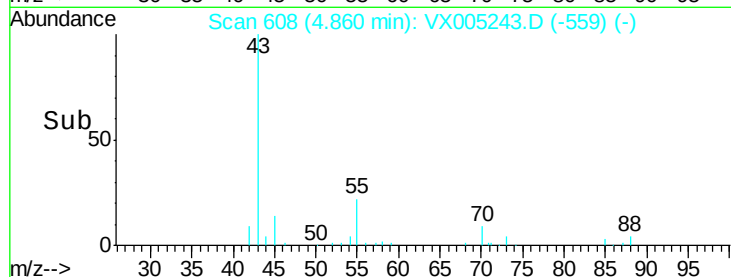
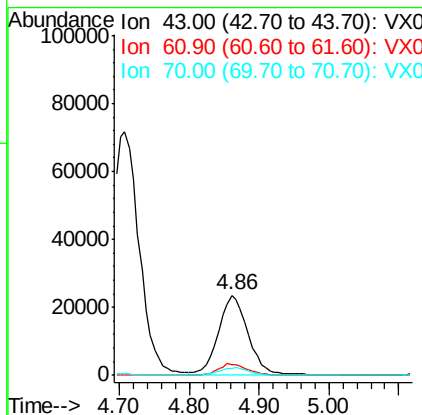
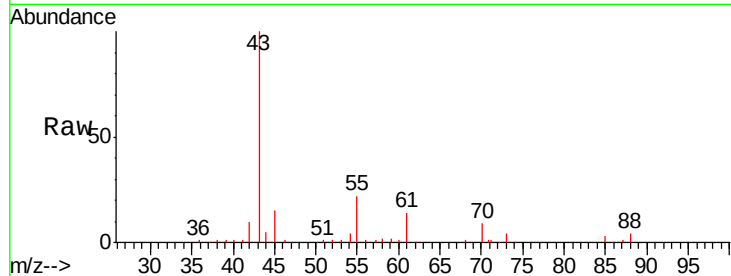
ClientSampleId :

VX1010WBS05

Tgt Ion:	43	Resp:	68905
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	9.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#38

Carbon Tetrachloride

Concen: 12.28 ug/l

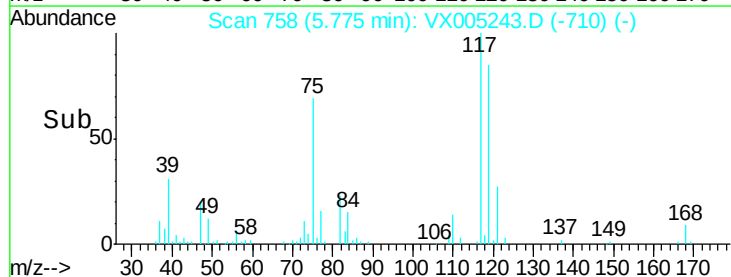
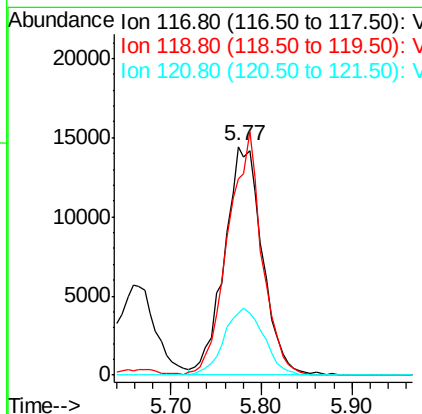
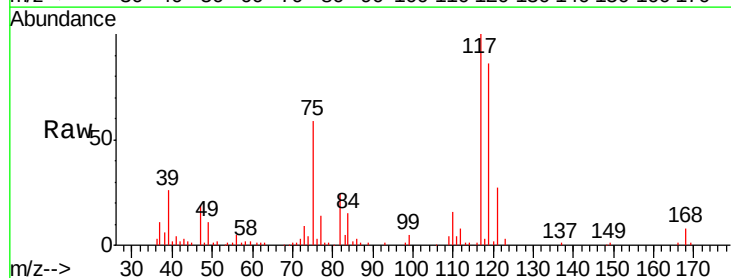
RT: 5.77 min Scan# 758

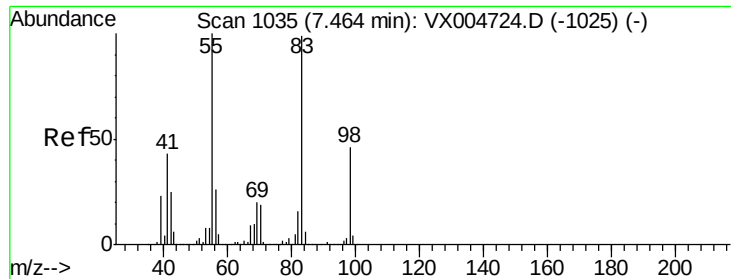
Delta R.T. -0.01 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	117	Resp:	41988
Ion	Ratio	Lower	Upper
117	100		
119	85.9	75.2	112.8
121	27.1	22.5	33.7





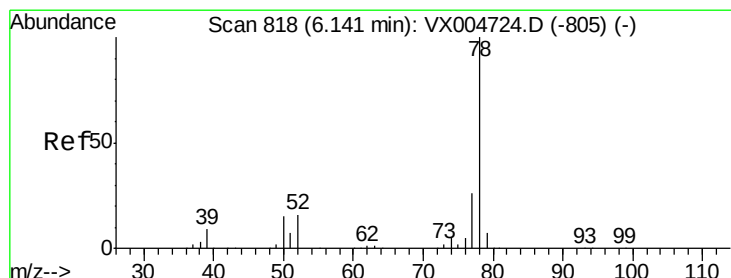
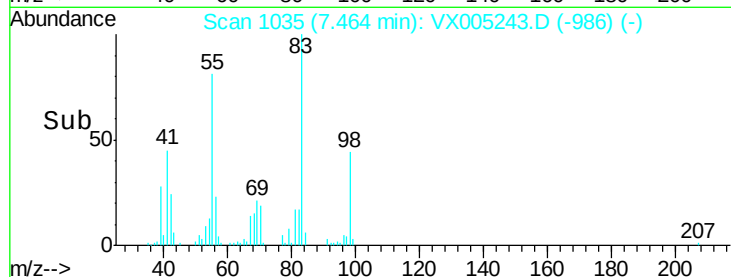
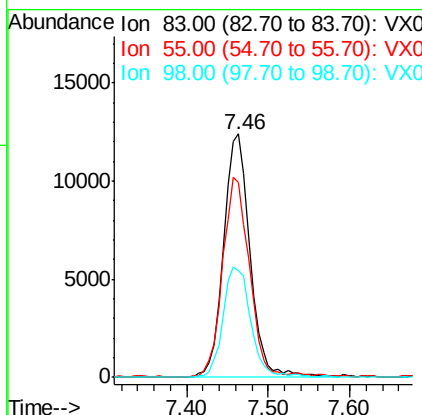
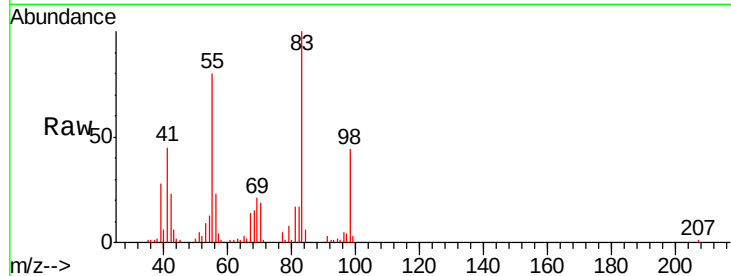
#39
Methylcyclohexane
Concen: 8.35 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.2	81.1	121.7#
98	43.9	37.3	55.9

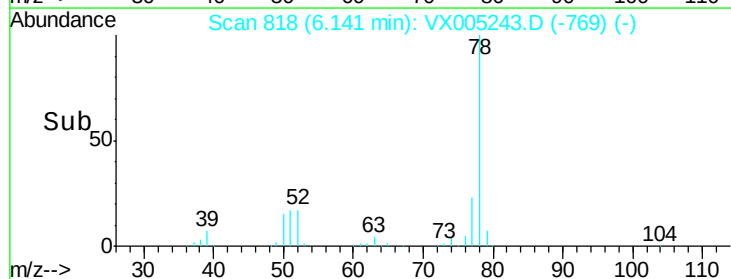
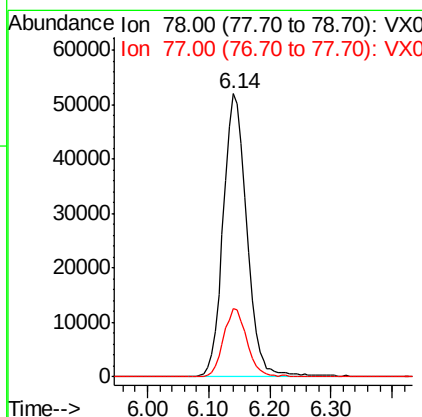
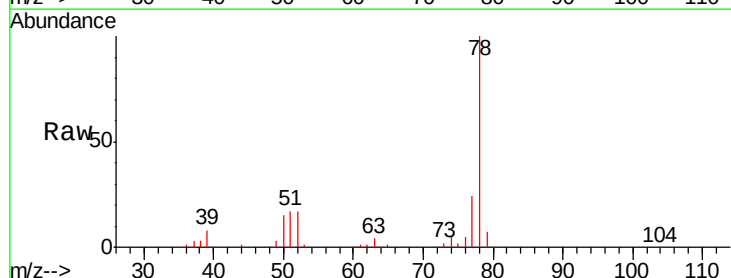
Manual Integrations
APPROVED

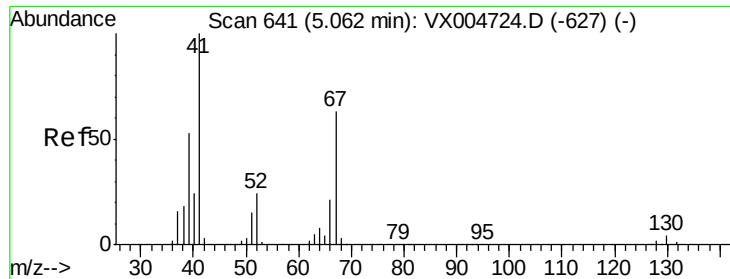
MMDadoda
10/12/2018 11:45:03 AM



#40
Benzene
Concen: 13.66 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	21.0	31.4





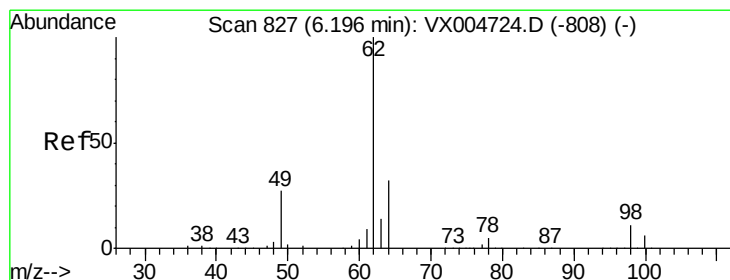
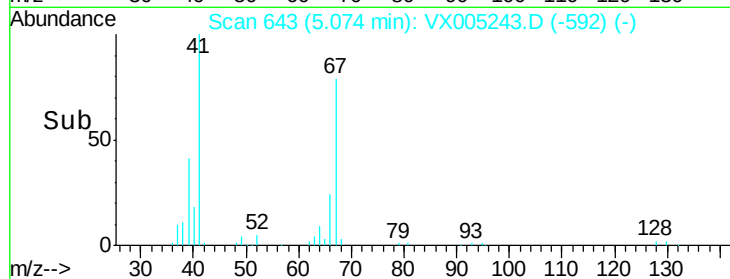
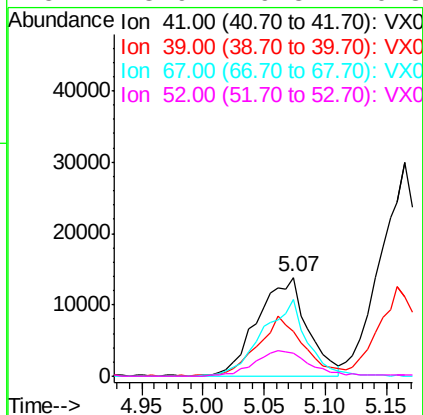
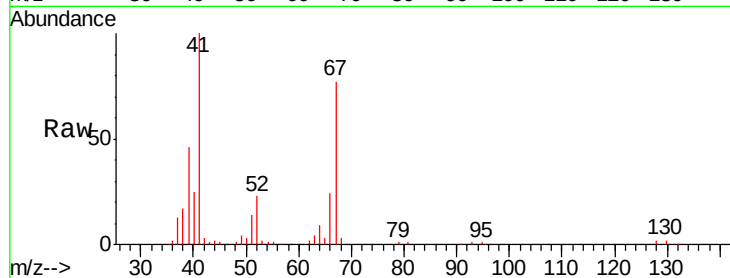
#41
Methacrylonitrile
Concen: 16.23 ug/l
RT: 5.07 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.5	63.7
67	70.6	53.0	79.6
52	28.9	19.8	29.8

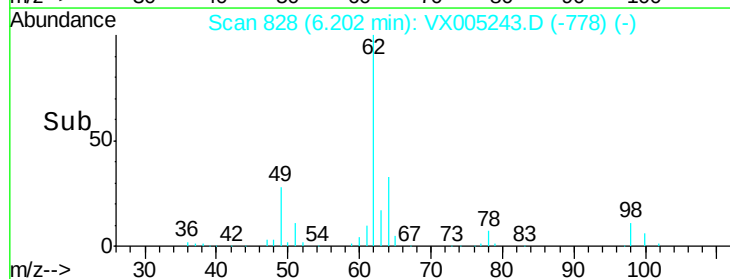
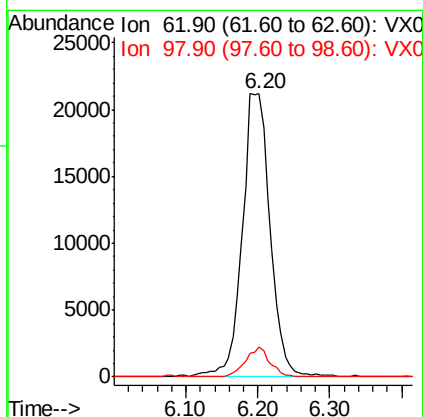
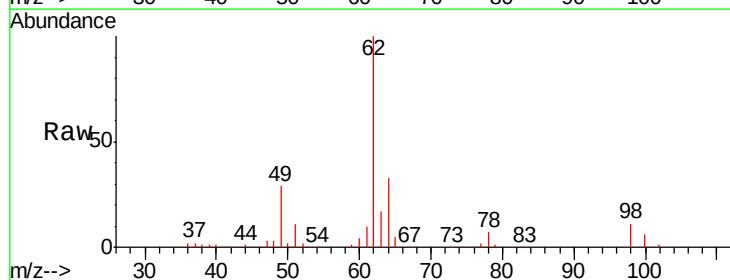
Manual Integrations
APPROVED

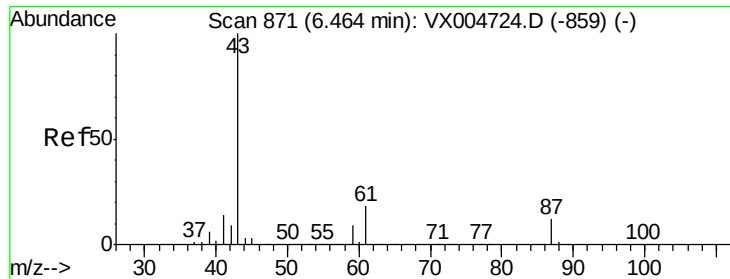
MMDadoda
10/12/2018 11:45:03 AM



#42
1,2-Dichloroethane
Concen: 15.82 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 15.20 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

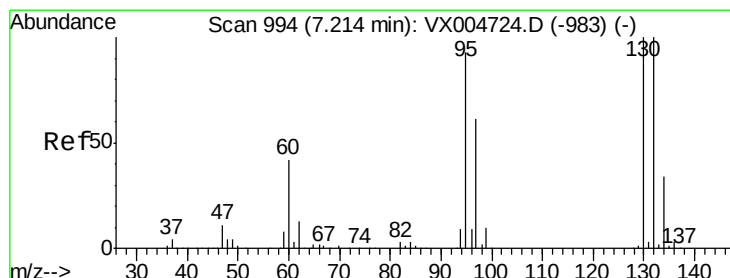
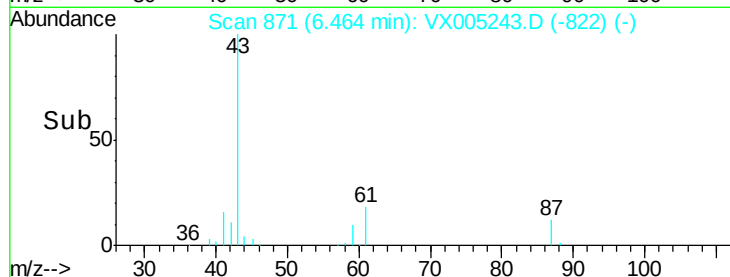
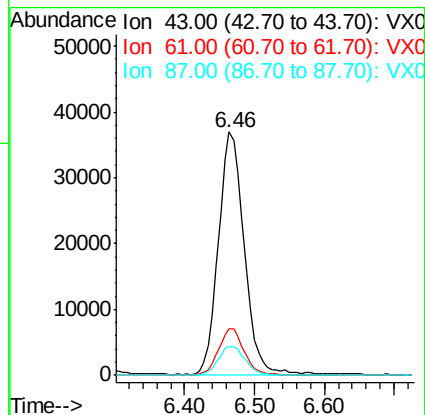
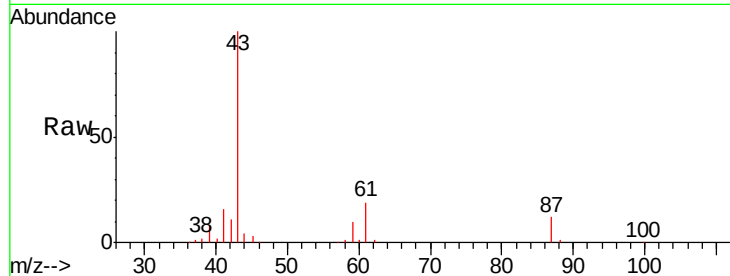
ClientSampleId :

VX1010WBS05

Tgt Ion:	43	Resp:	94719
Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.2	21.4
87	12.6	9.3	13.9

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#44

Trichloroethene

Concen: 14.41 ug/l

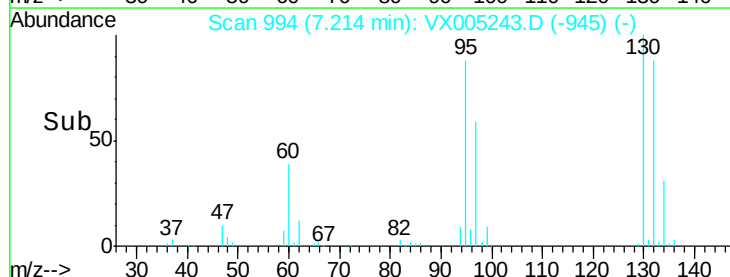
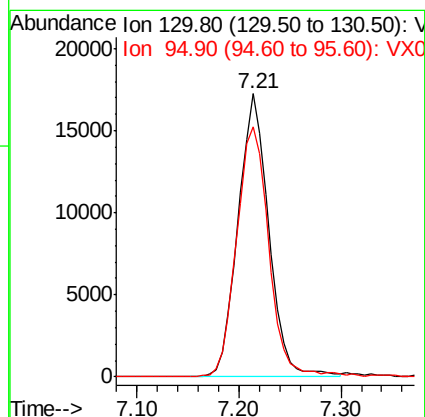
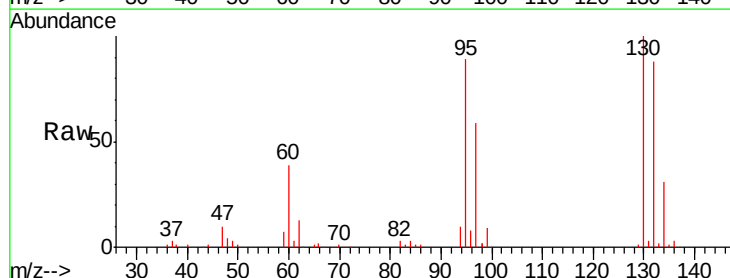
RT: 7.21 min Scan# 994

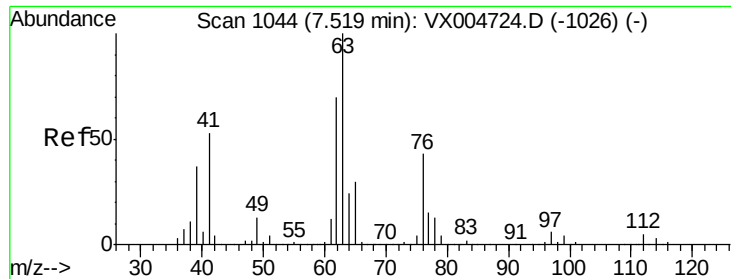
Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	130	Resp:	36086
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	186.8





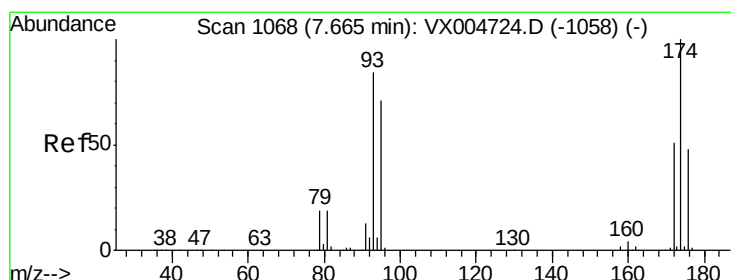
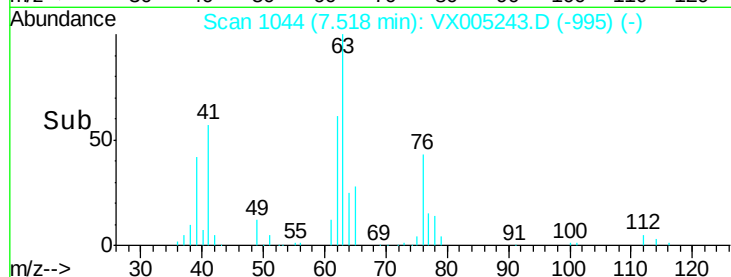
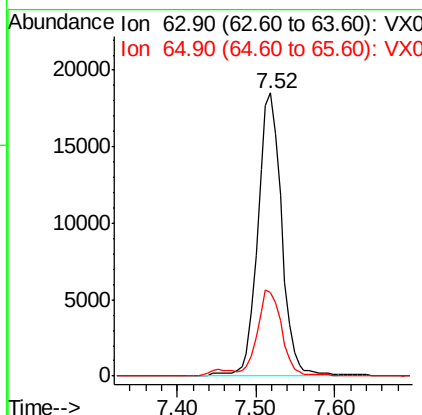
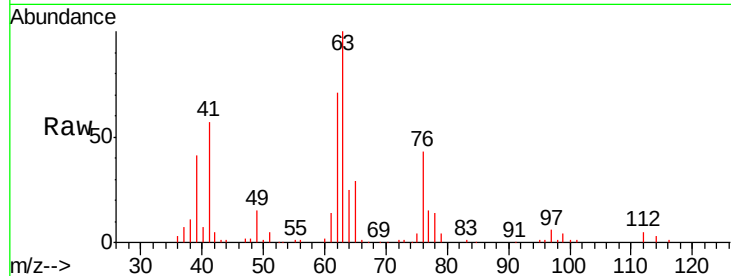
#45
 1,2-Dichloropropane
 Concen: 15.63 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS05

Tgt Ion: 63 Resp: 39024
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9

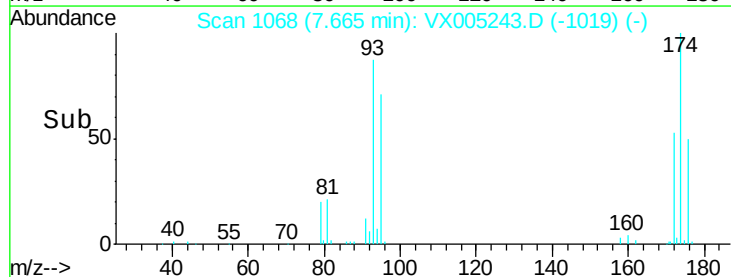
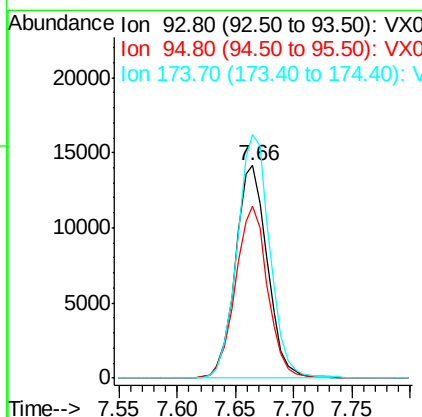
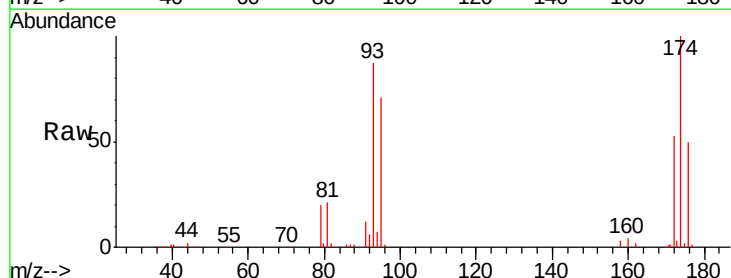
Manual Integrations
 APPROVED

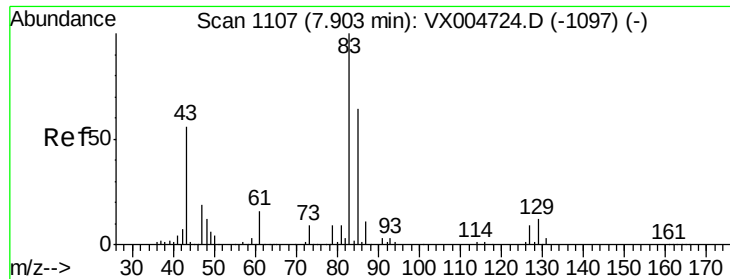
MMDadoda
 10/12/2018 11:45:03 AM



#46
 Dibromomethane
 Concen: 17.26 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Tgt Ion: 93 Resp: 27092
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.7 100.1
 174 116.8 92.7 139.1





#47

Bromodichloromethane

Concen: 16.80 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

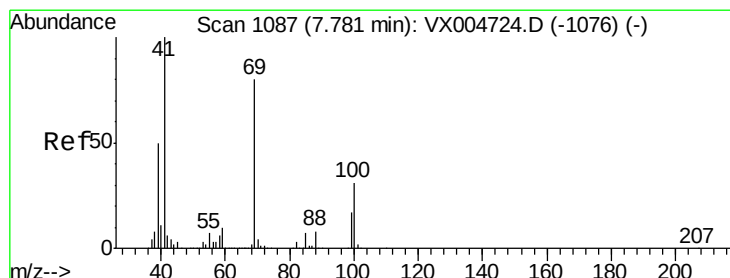
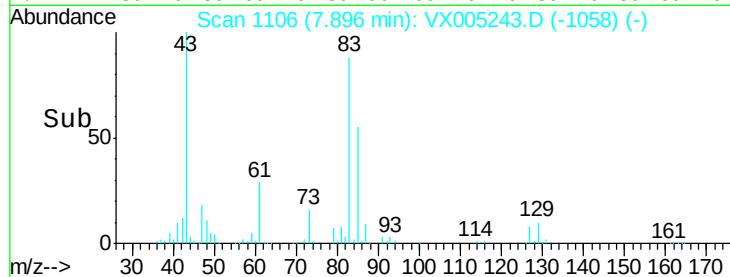
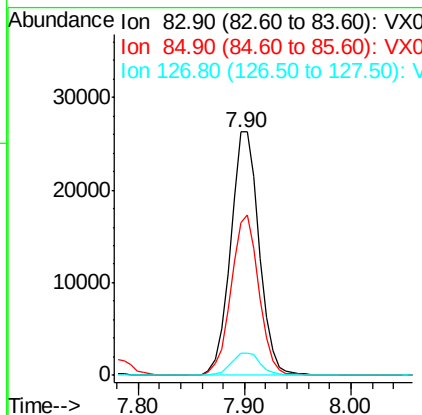
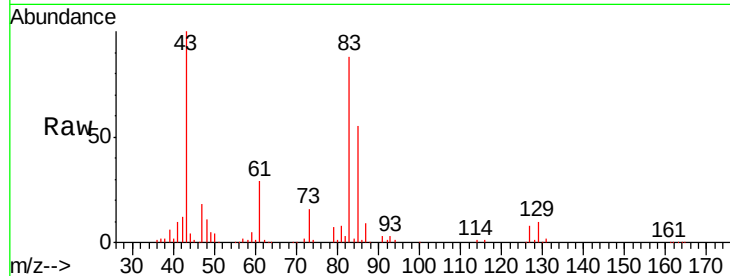
ClientSampleId :

VX1010WBS05

Tgt Ion:	83	Resp:	49374
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.2	76.8
127	9.4	7.0	10.6

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#48

Methyl methacrylate

Concen: 17.60 ug/l

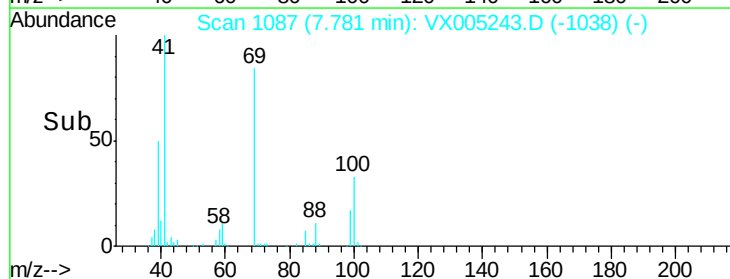
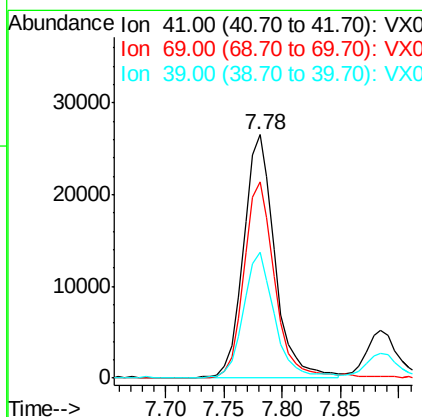
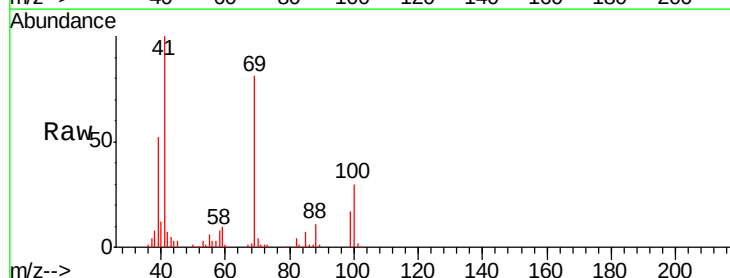
RT: 7.78 min Scan# 1087

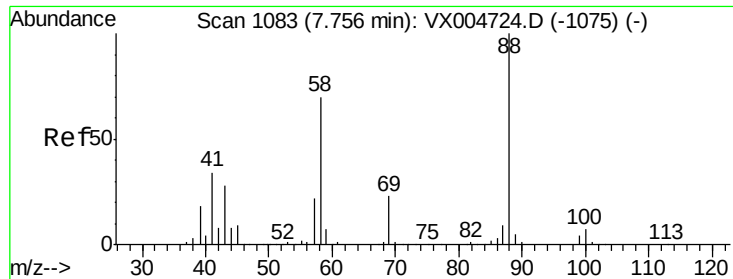
Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	41	Resp:	49780
Ion	Ratio	Lower	Upper
41	100		
69	80.1	63.8	95.6
39	51.8	40.7	61.1





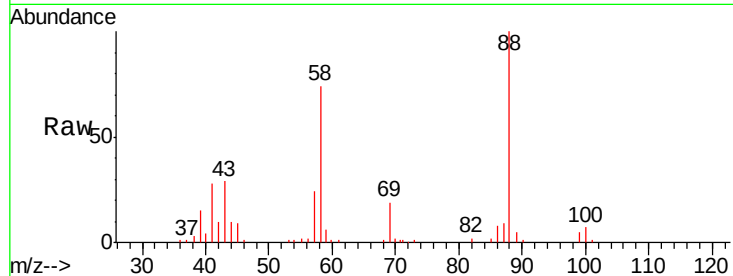
#49
1,4-Dioxane
Concen: 357.58 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

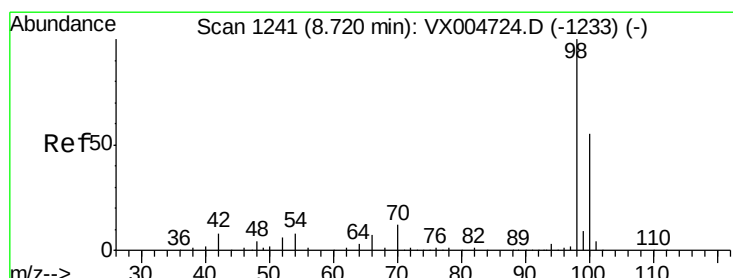
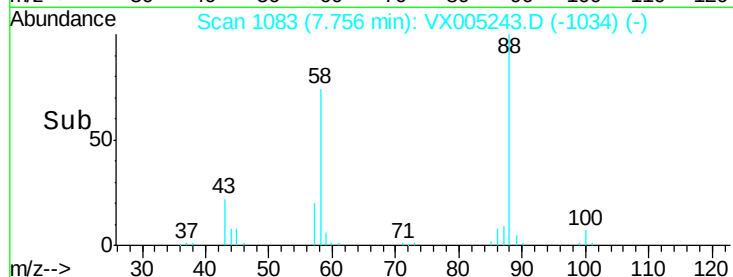
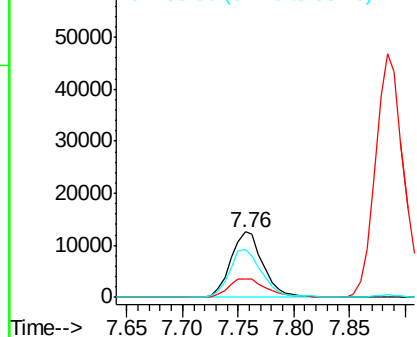
Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.4	25.1	37.7
58	75.0	56.2	84.2

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM

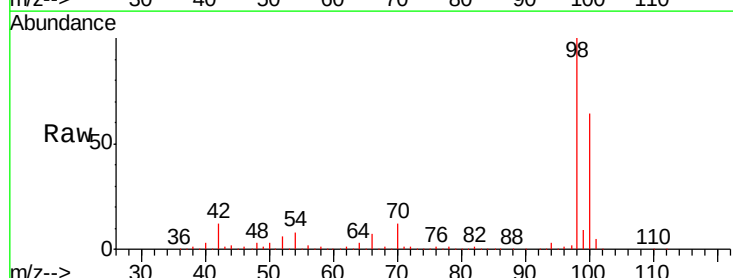


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

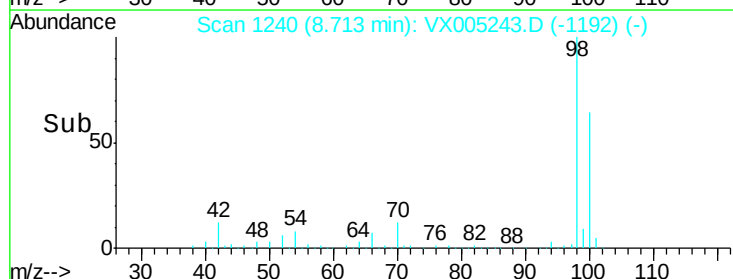
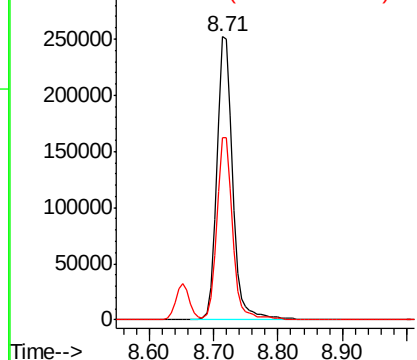


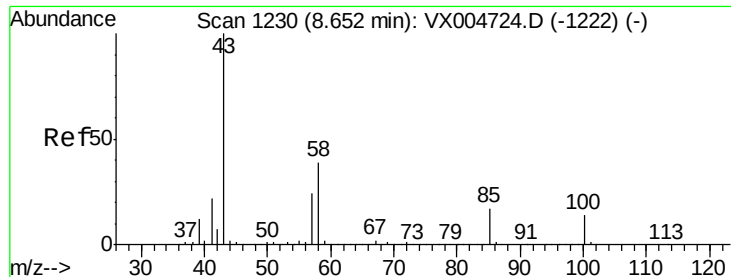
#50
Toluene-d8
Concen: 55.34 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 92.05 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 43 Resp: 361235

Ion Ratio Lower Upper

43 100

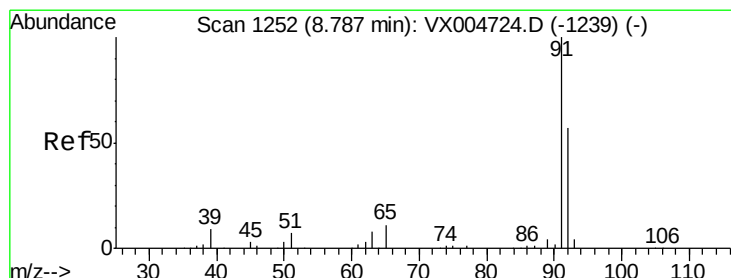
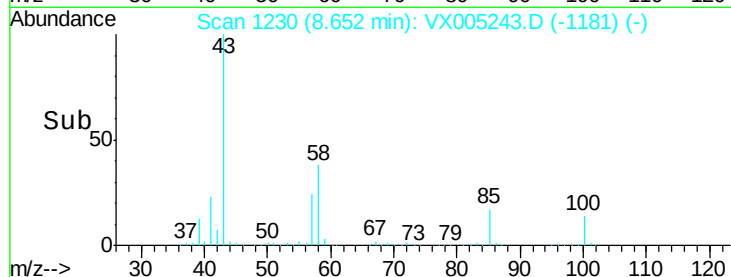
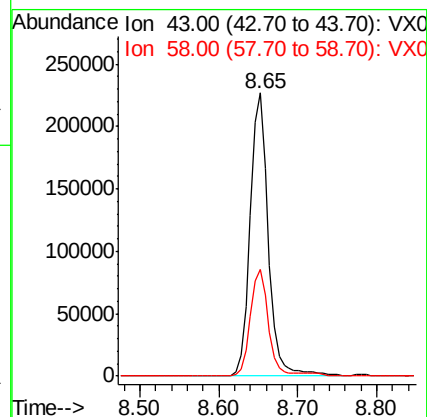
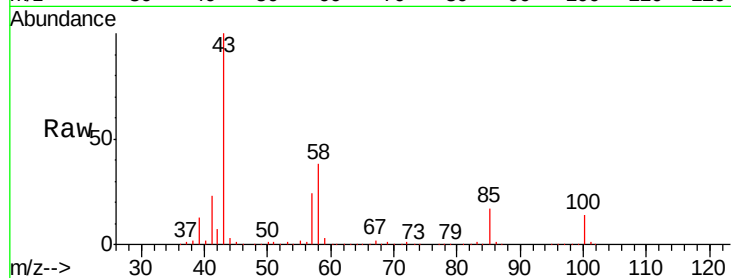
58 37.1 30.5 45.7

Manual Integrations

APPROVED

MMDadoda

10/12/2018 11:45:03 AM



#52

Toluene

Concen: 15.42 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005243.D

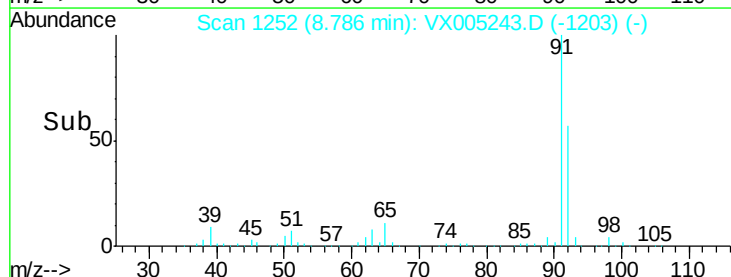
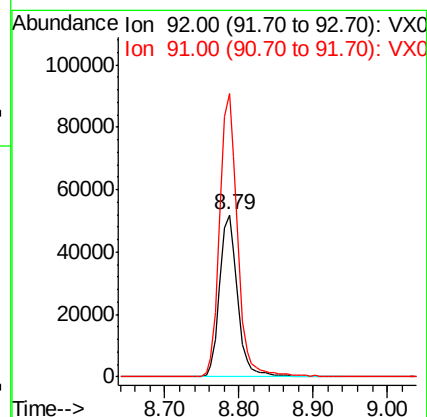
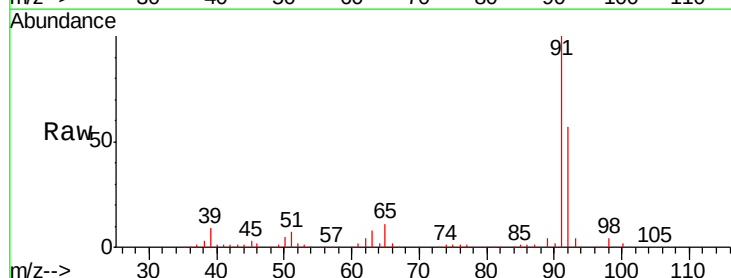
Acq: 11 Oct 2018 09:26

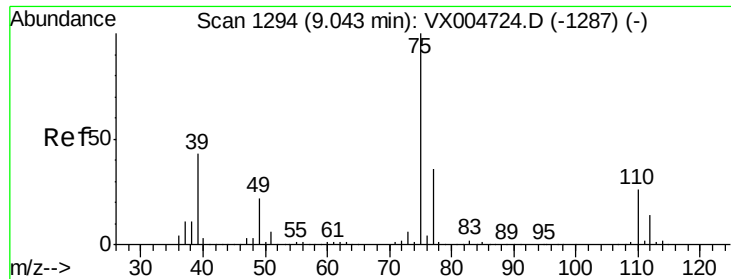
Tgt Ion: 92 Resp: 86278

Ion Ratio Lower Upper

92 100

91 173.7 136.7 205.1





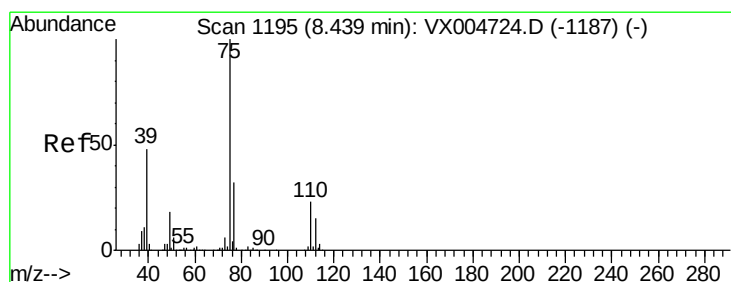
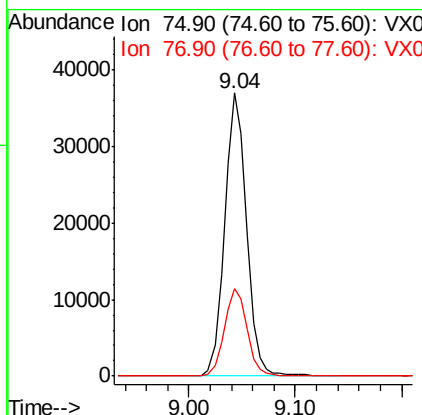
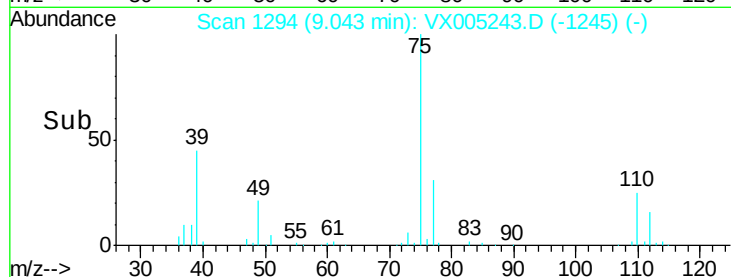
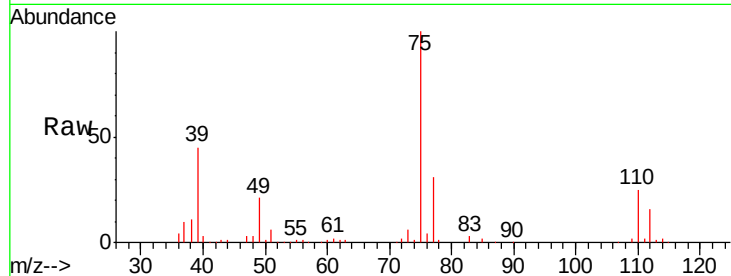
#53
t-1,3-Dichloropropene
Concen: 15.98 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion: 75 Resp: 53052
Ion Ratio Lower Upper
75 100
77 31.0 28.9 43.3

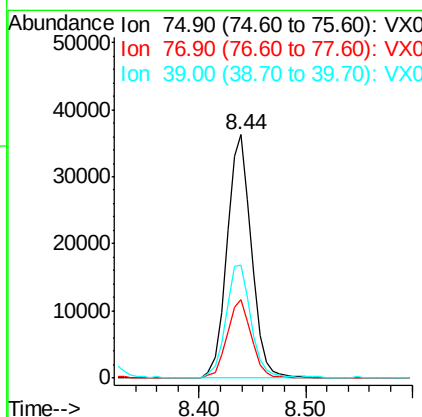
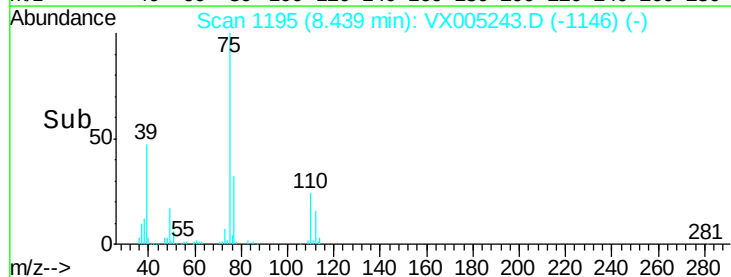
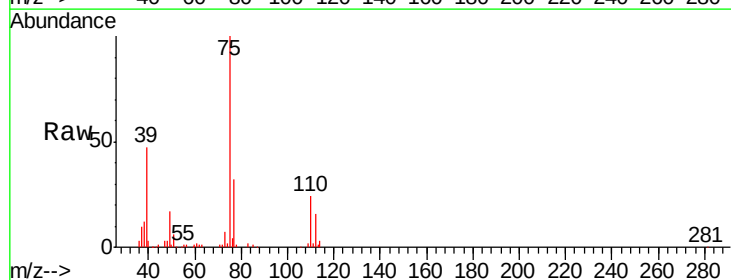
Manual Integrations
APPROVED

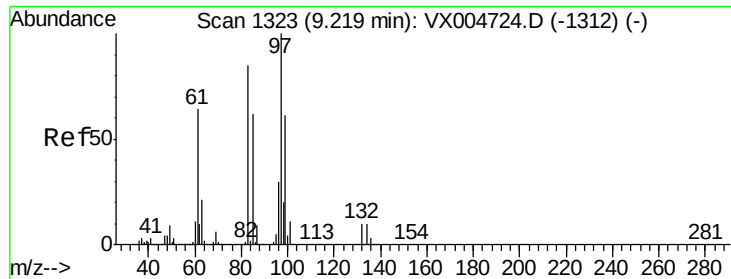
MMDadoda
10/12/2018 11:45:03 AM



#54
cis-1,3-Dichloropropene
Concen: 16.76 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion: 75 Resp: 58299
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
39 46.3 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 16.77 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

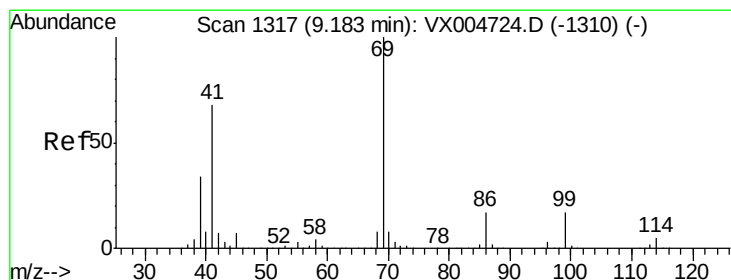
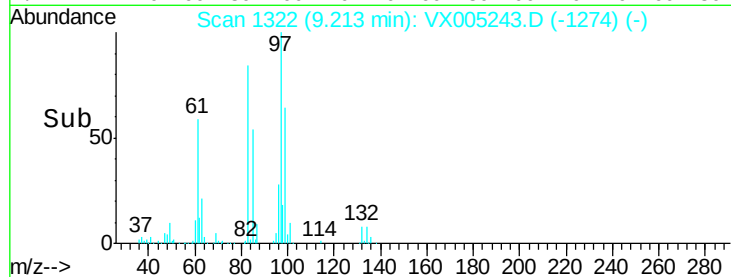
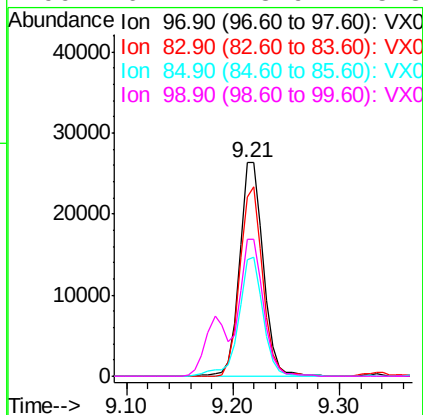
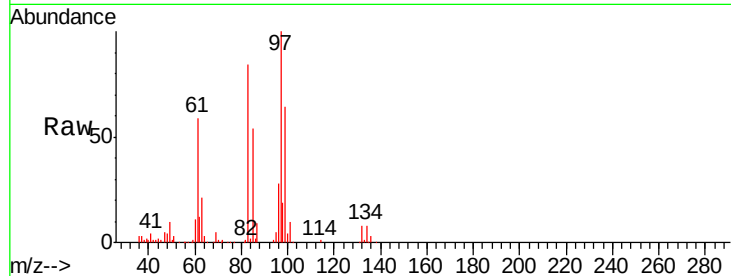
ClientSampleId :

VX1010WBS05

Tgt Ion:	97	Resp:	41098
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.2	102.2
85	54.3	49.9	74.9
99	64.1	48.9	73.3

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#56

Ethyl methacrylate

Concen: 16.55 ug/l

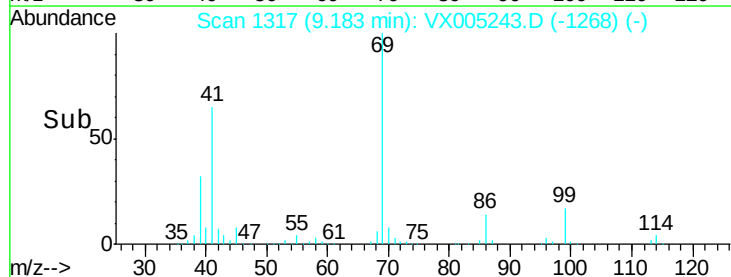
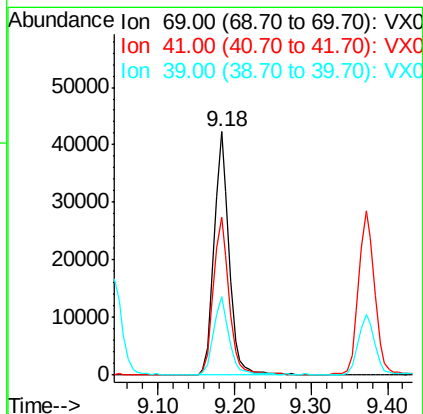
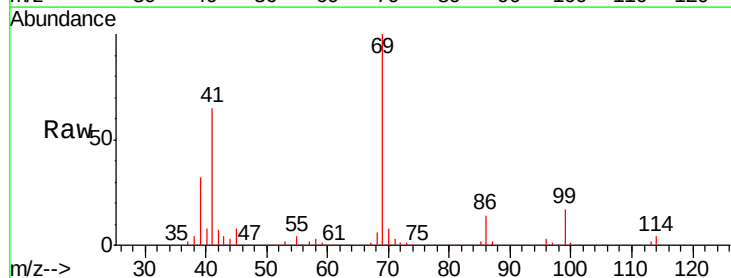
RT: 9.18 min Scan# 1317

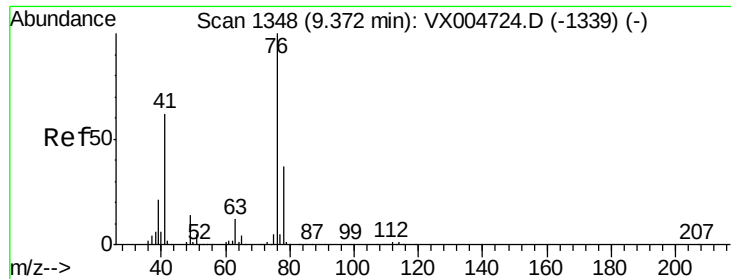
Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	69	Resp:	57743
Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.9	85.3
39	33.0	28.4	42.6





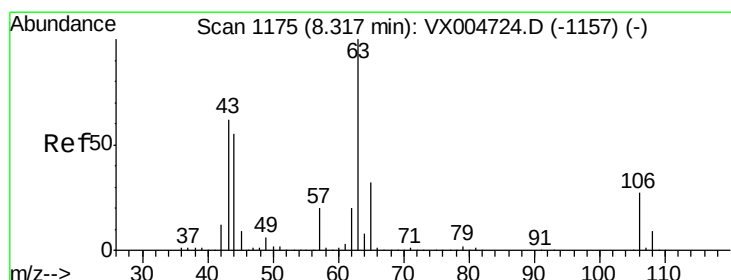
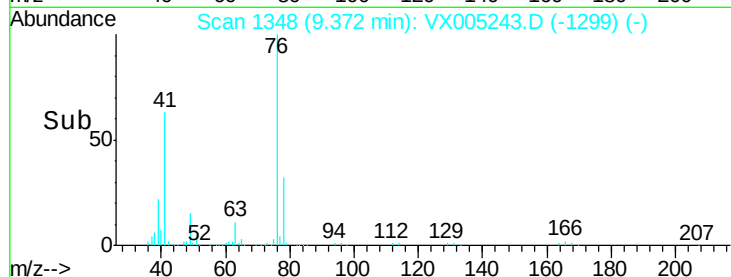
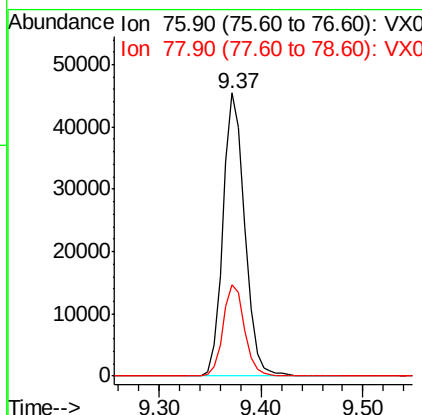
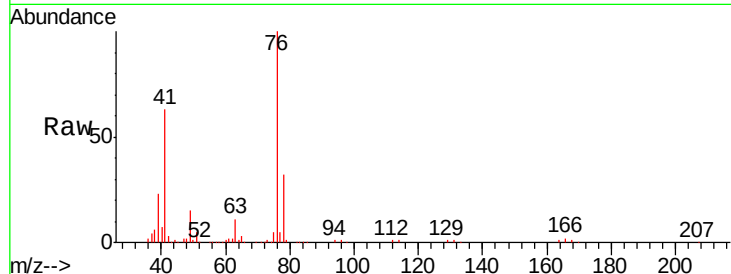
#57
 1,3-Dichloropropane
 Concen: 16.49 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS05

Tgt Ion: 76 Resp: 67284
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0

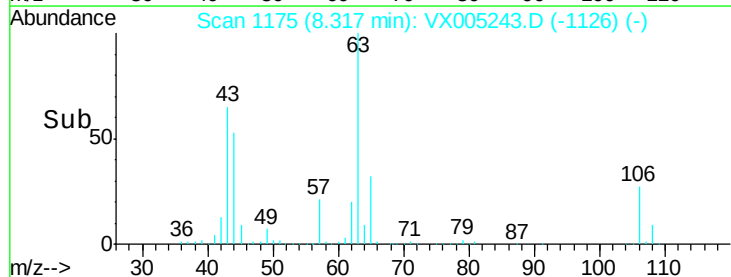
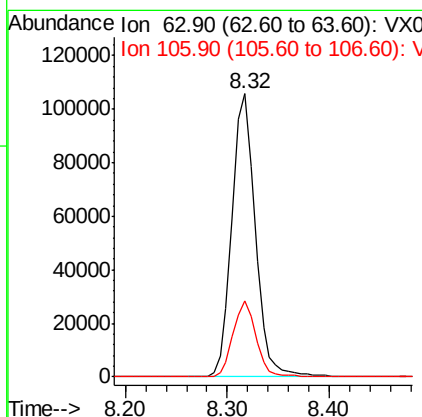
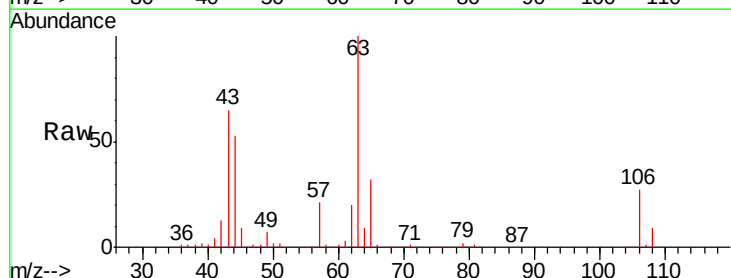
Manual Integrations
 APPROVED

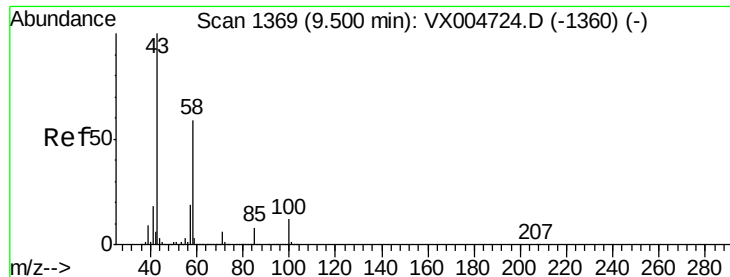
MMDadoda
 10/12/2018 11:45:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.96 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Tgt Ion: 63 Resp: 167349
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6





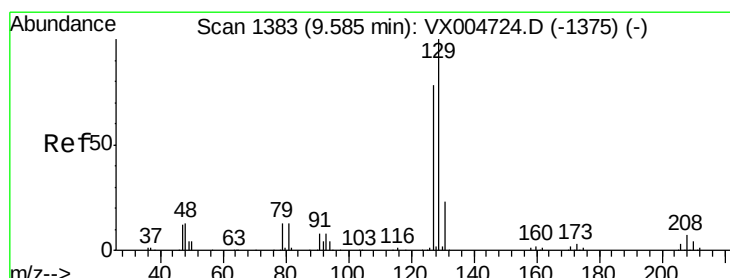
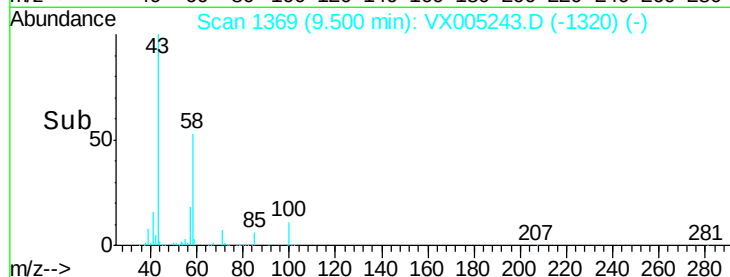
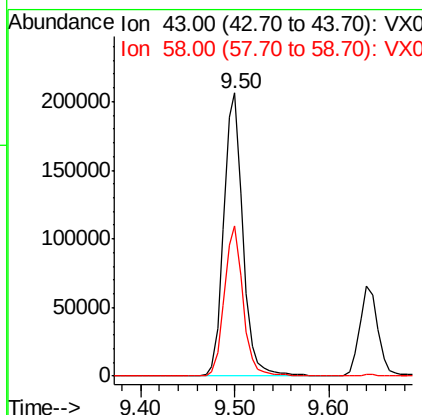
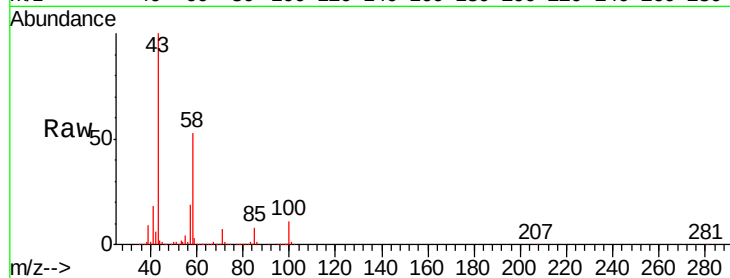
#59
2-Hexanone
Concen: 88.55 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion: 43 Resp: 289585
Ion Ratio Lower Upper
43 100
58 52.1 28.4 85.3

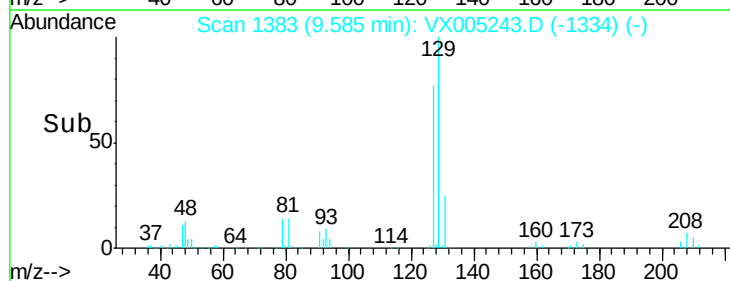
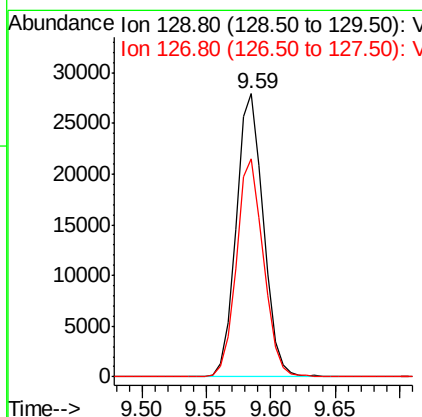
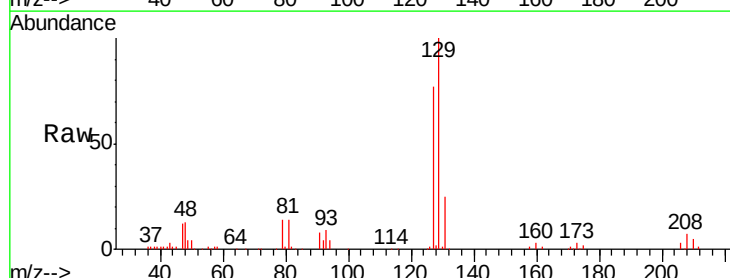
Manual Integrations
APPROVED

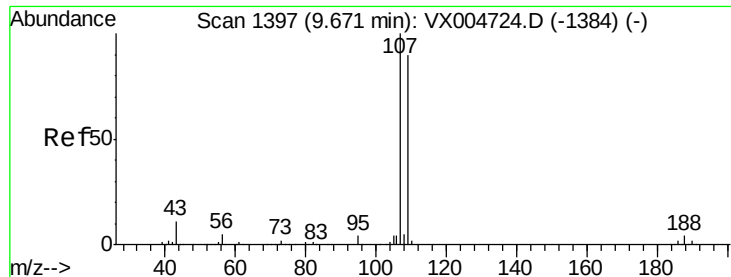
MMDadoda
10/12/2018 11:45:03 AM



#60
Dibromochloromethane
Concen: 16.63 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion: 129 Resp: 40764
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 15.96 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 107 Resp: 41901

Ion Ratio Lower Upper

107 100

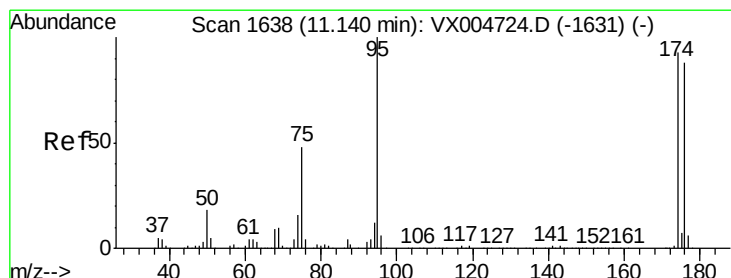
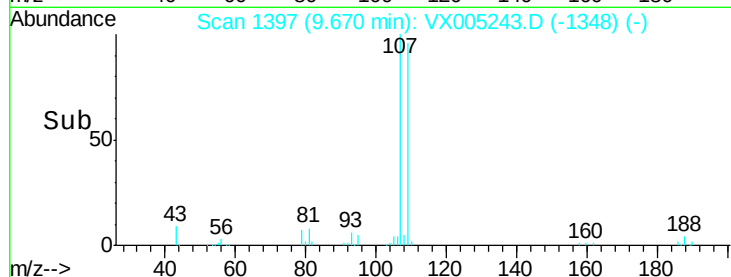
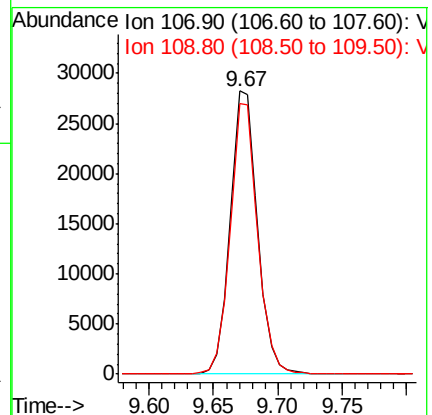
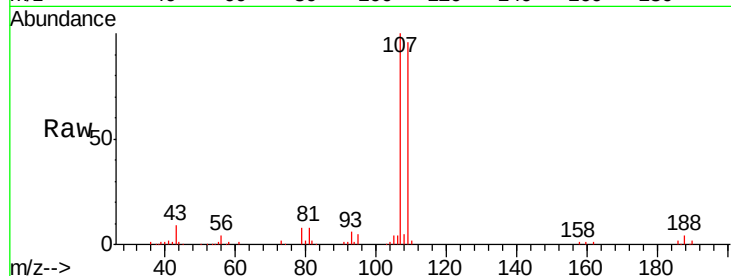
109 96.3 72.1 108.1

Manual Integrations

APPROVED

MMDadoda

10/12/2018 11:45:03 AM



#62

4-Bromofluorobenzene

Concen: 59.33 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

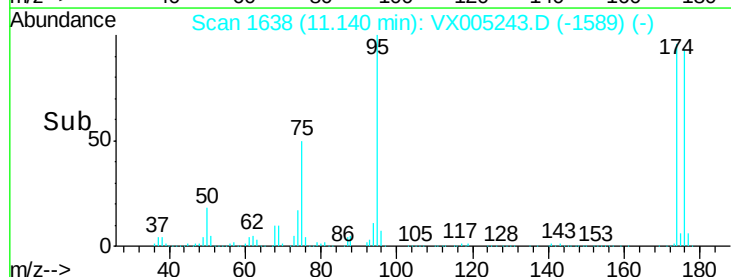
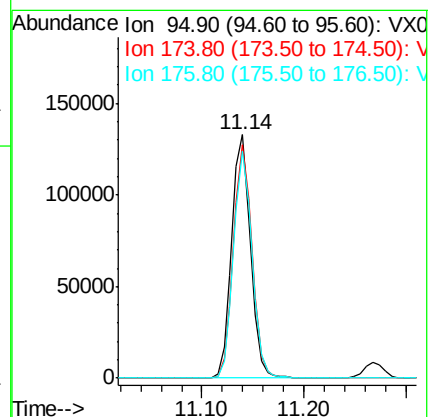
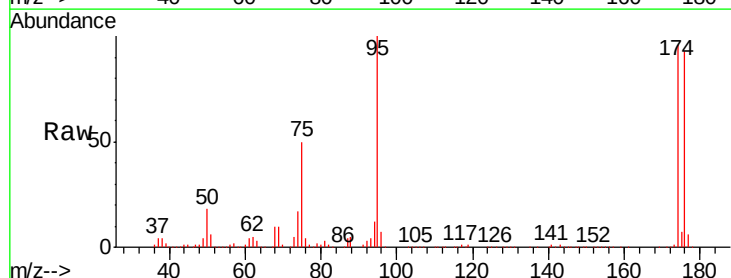
Tgt Ion: 95 Resp: 169411

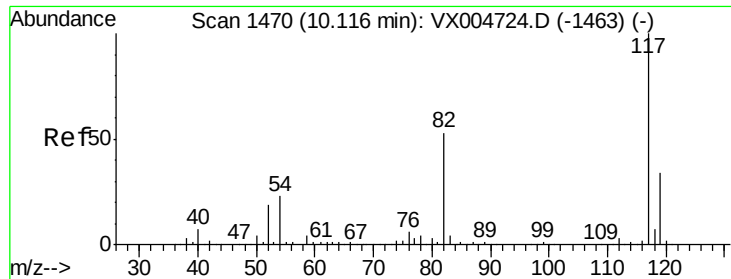
Ion Ratio Lower Upper

95 100

174 94.7 0.0 185.0

176 91.6 0.0 180.2





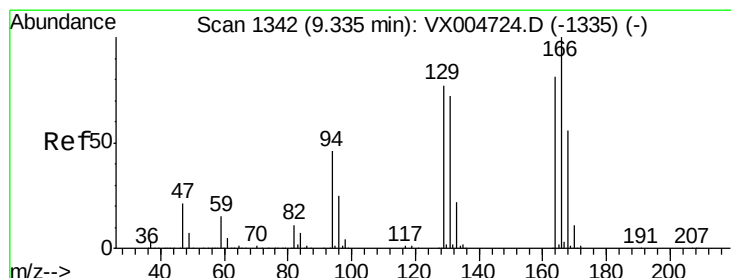
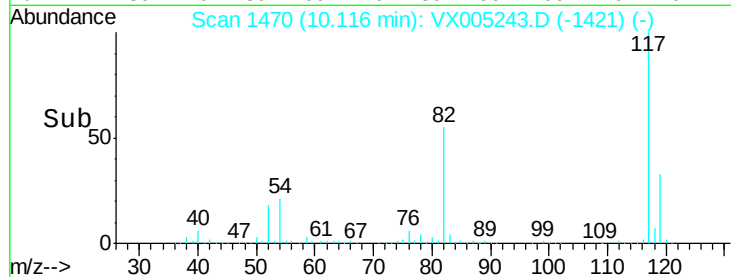
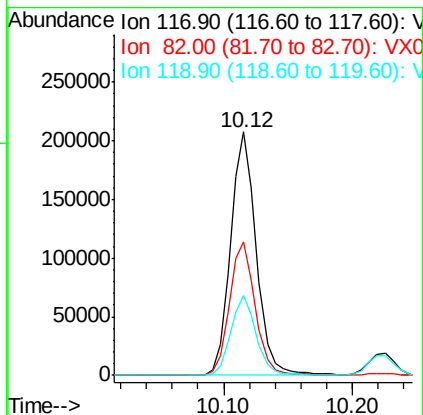
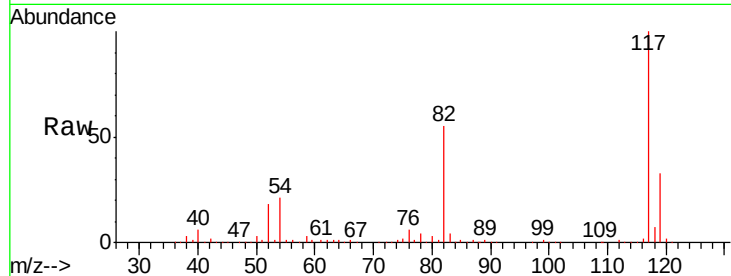
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	288777		
82	54.6	42.2	63.4	
119	32.9	27.4	41.0	

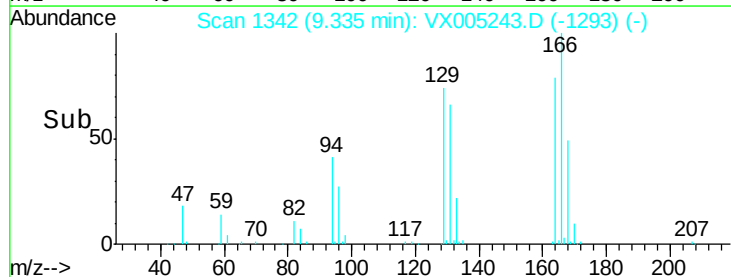
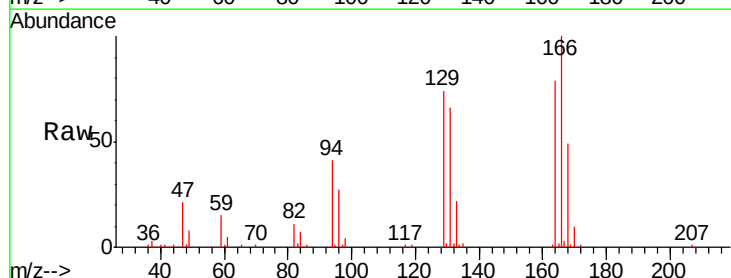
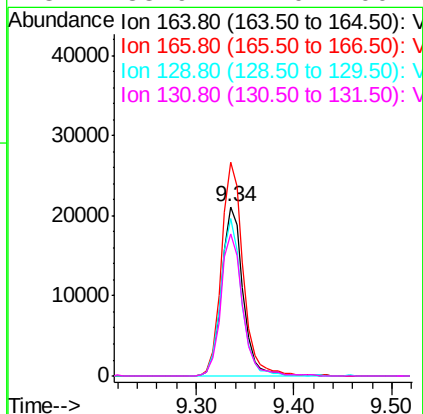
Manual Integrations
APPROVED

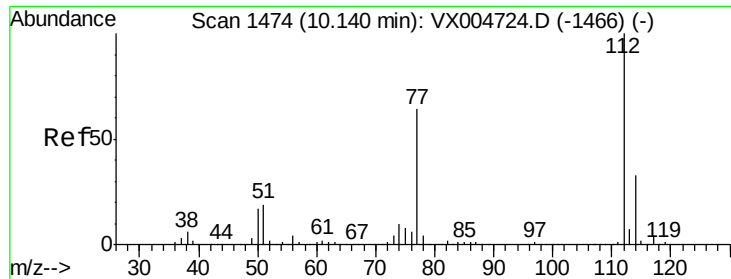
MMDadoda
10/12/2018 11:45:03 AM



#64
Tetrachloroethene
Concen: 11.34 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	32235		
166	126.4	98.4	147.6	
129	93.4	76.1	114.1	
131	83.9	71.0	106.4	





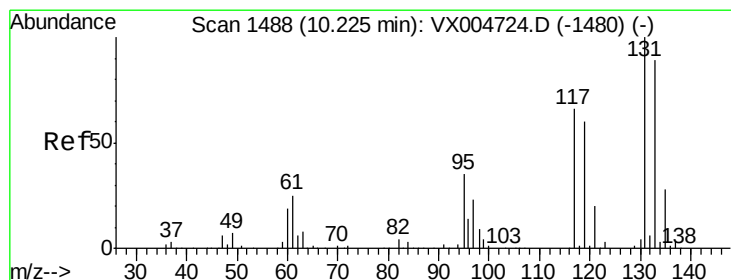
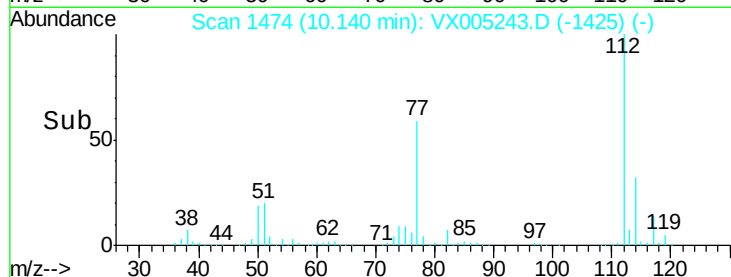
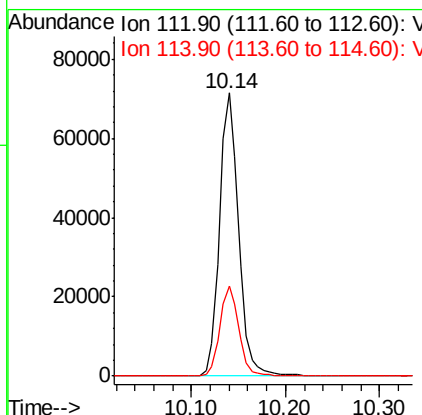
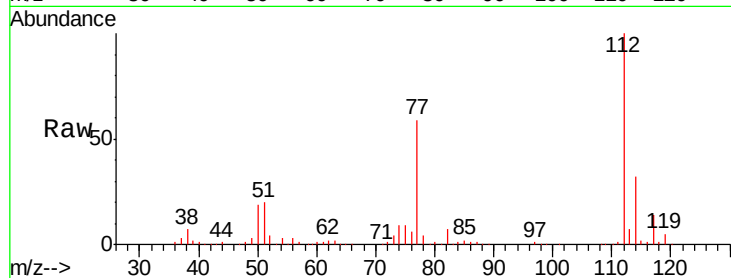
#65
Chlorobenzene
Concen: 13.58 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion:112 Resp: 100582
Ion Ratio Lower Upper
112 100
114 31.8 26.7 40.1

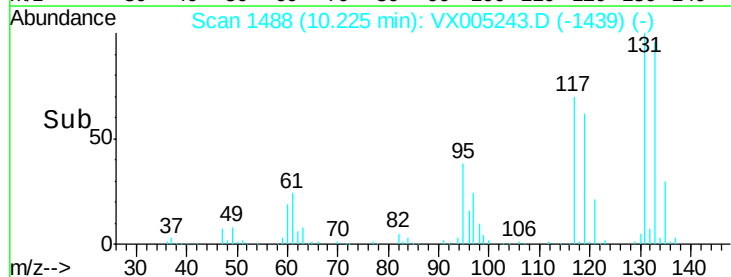
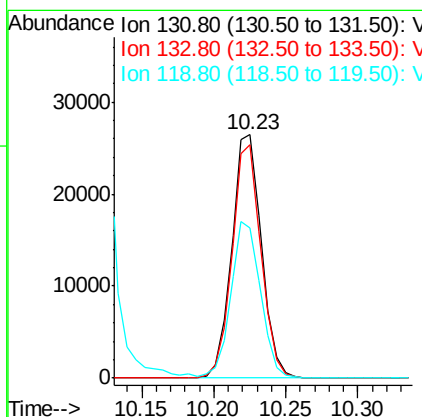
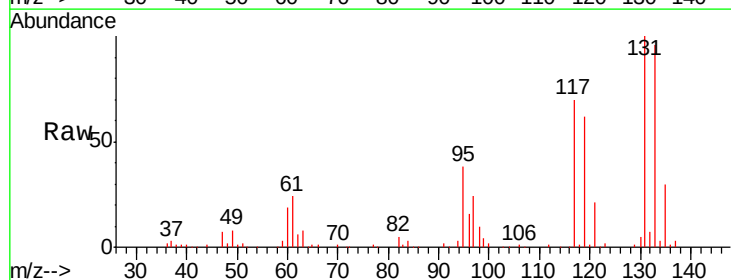
Manual Integrations
APPROVED

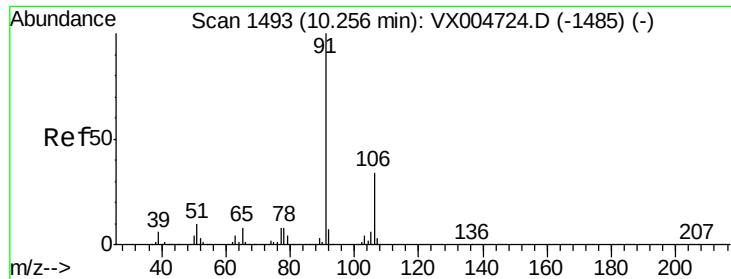
MMDadoda
10/12/2018 11:45:03 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 14.61 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion:131 Resp: 38038
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 64.7 32.3 96.8





#67

Ethyl Benzene

Concen: 12.79 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 91 Resp: 150395

Ion Ratio Lower Upper

91 100

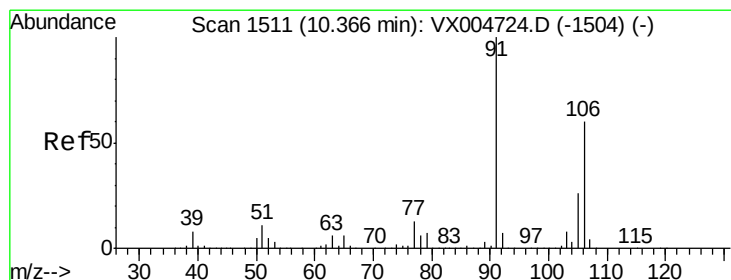
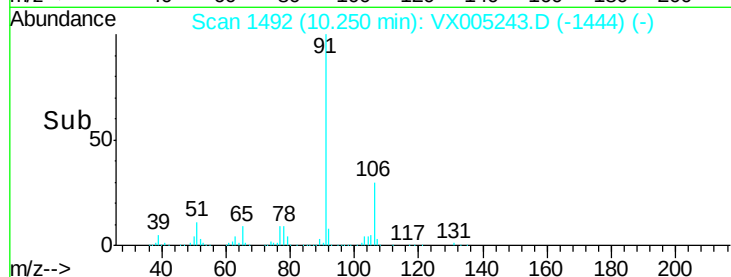
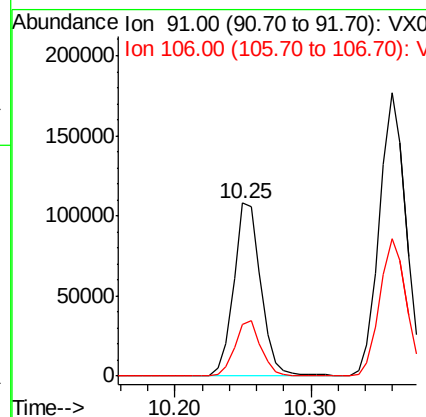
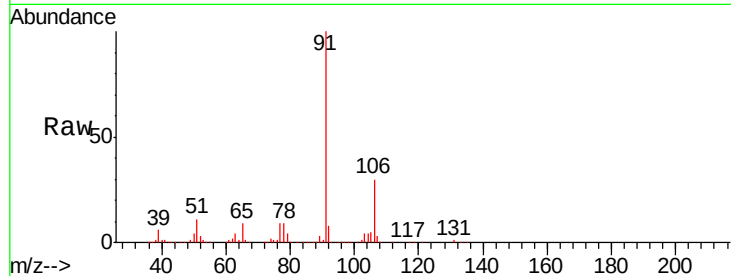
106 29.5 26.9 40.3

Manual Integrations

APPROVED

MMDadoda

10/12/2018 11:45:03 AM



#68

m/p-Xylenes

Concen: 25.94 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005243.D

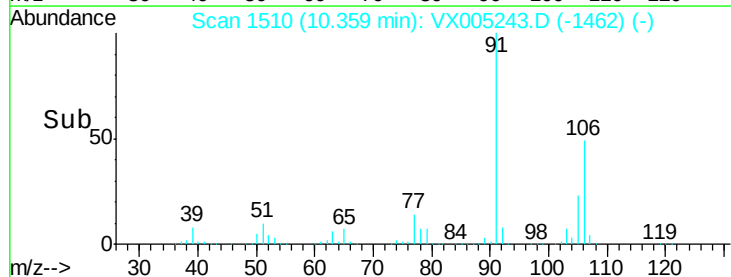
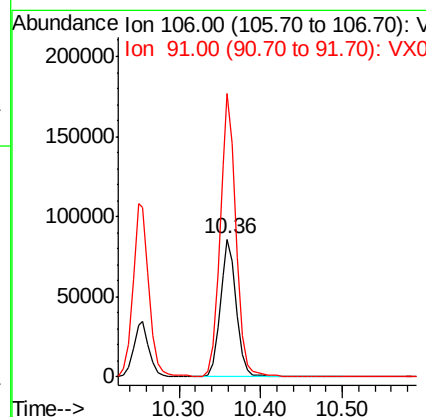
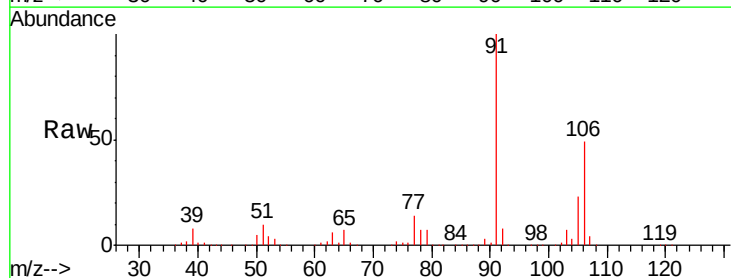
Acq: 11 Oct 2018 09:26

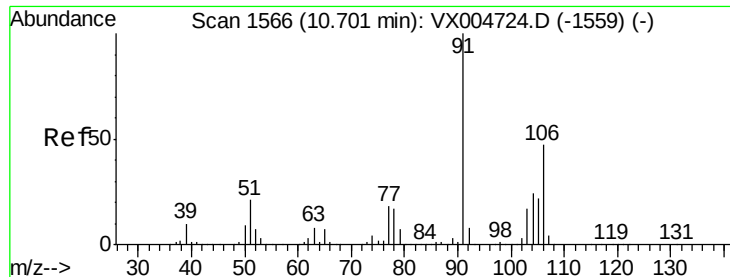
Tgt Ion: 106 Resp: 119154

Ion Ratio Lower Upper

106 100

91 204.2 157.5 236.3





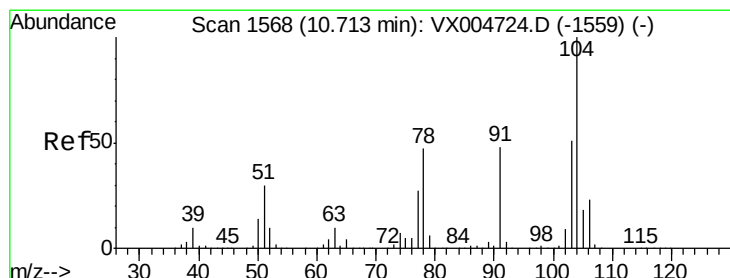
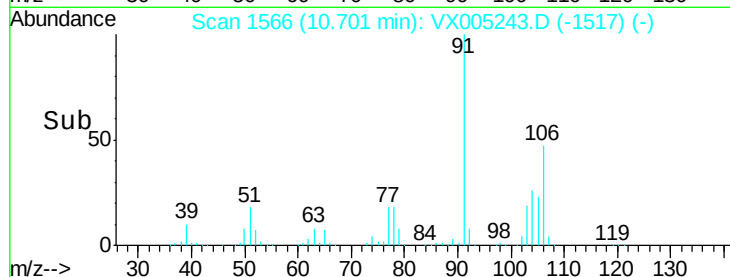
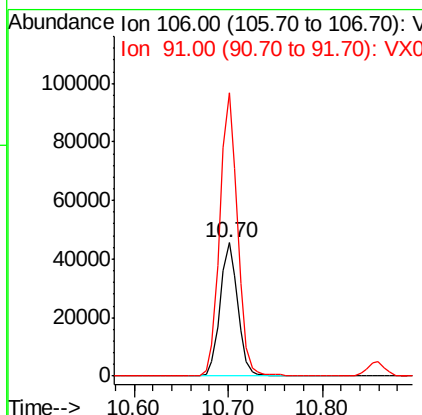
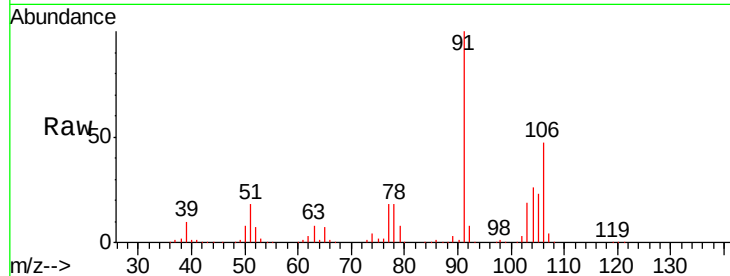
#69
o-Xylene
Concen: 14.11 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion:106 Resp: 59541
Ion Ratio Lower Upper
106 100
91 213.3 108.3 324.8

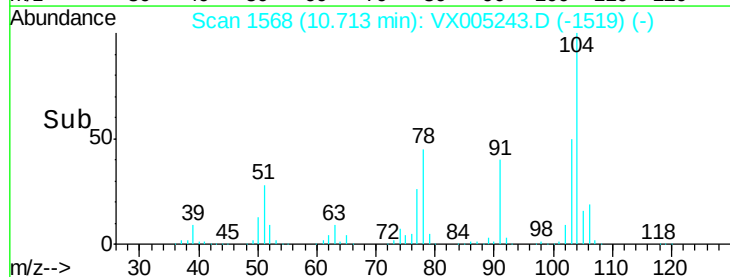
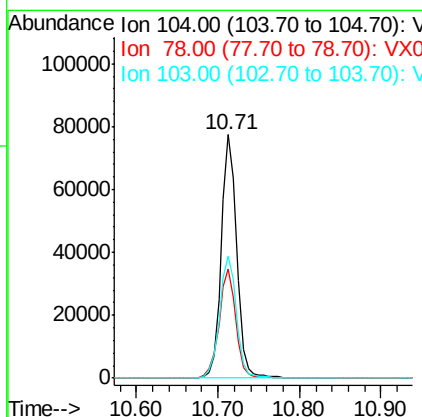
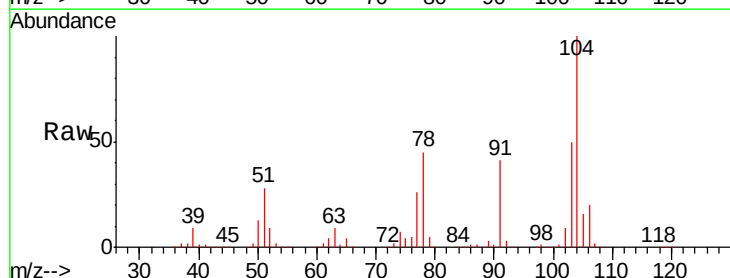
Manual Integrations
APPROVED

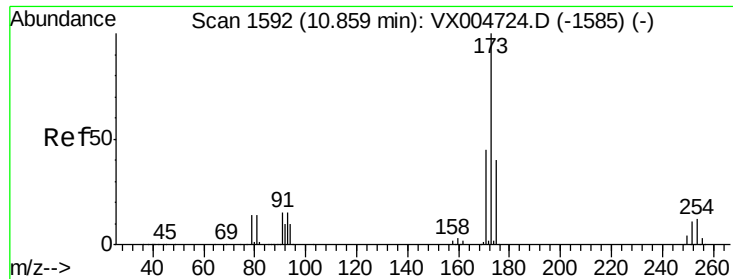
MMDadoda
10/12/2018 11:45:03 AM



#70
Styrene
Concen: 14.67 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion:104 Resp: 103278
Ion Ratio Lower Upper
104 100
78 49.2 40.0 60.0
103 54.8 44.3 66.5





#71

Bromoform

Concen: 15.07 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

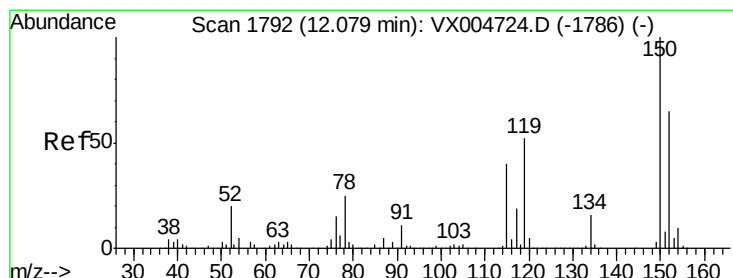
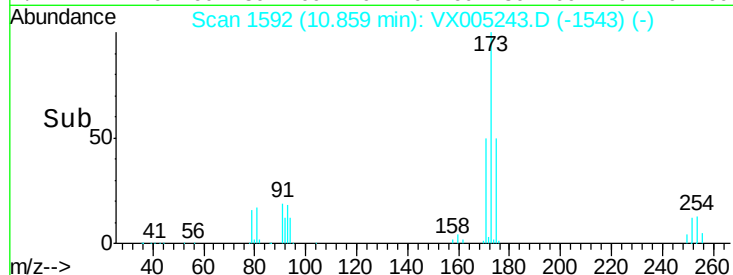
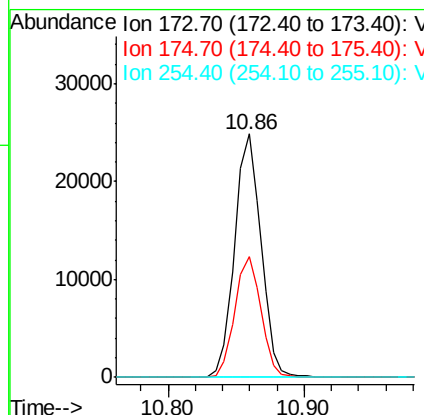
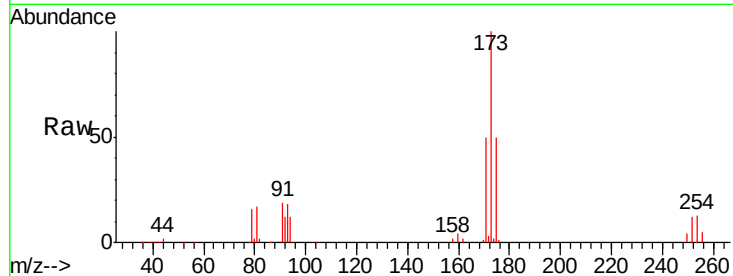
ClientSampleId :

VX1010WBS05

Tgt Ion:173 Resp: 33585
 Ion Ratio Lower Upper
 173 100
 175 48.9 23.3 69.8
 254 0.0 0.2 0.2#

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:03 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

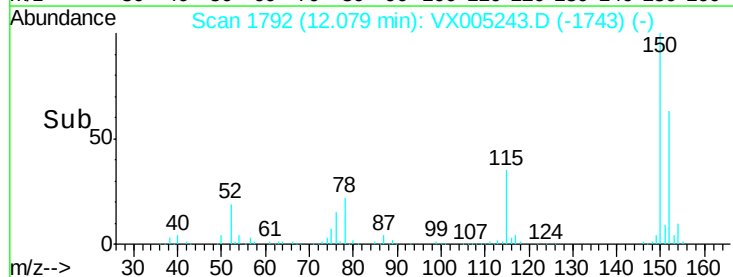
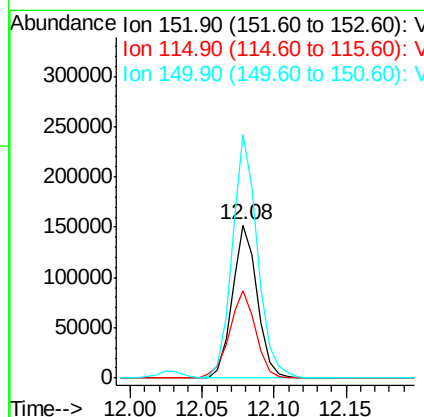
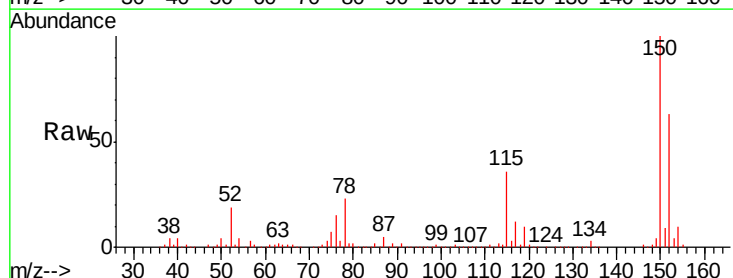
RT: 12.08 min Scan# 1792

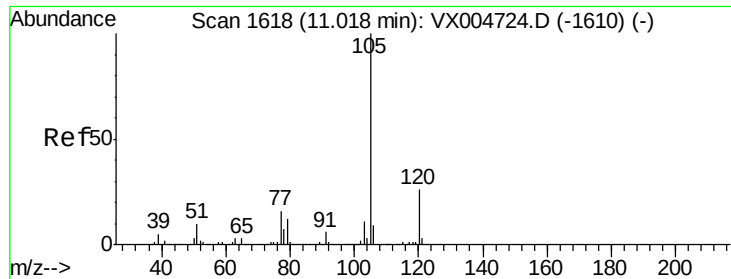
Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:152 Resp: 183859
 Ion Ratio Lower Upper
 152 100
 115 60.7 40.2 120.6
 150 161.9 0.0 351.0





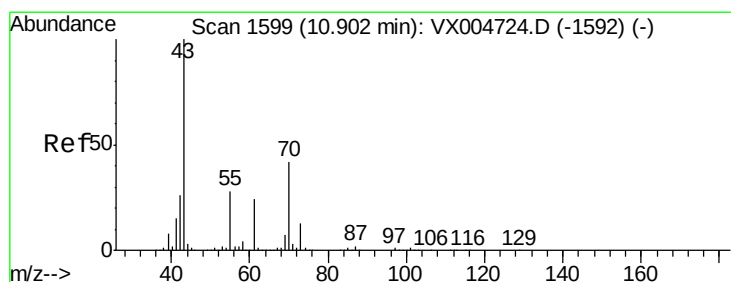
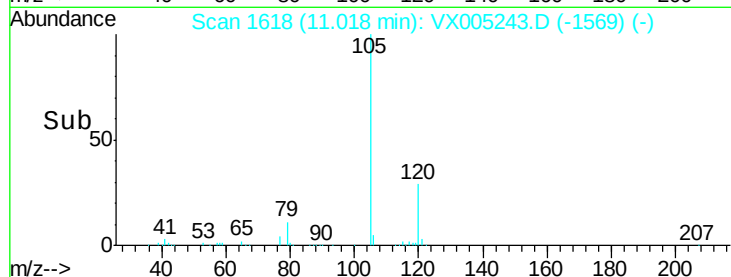
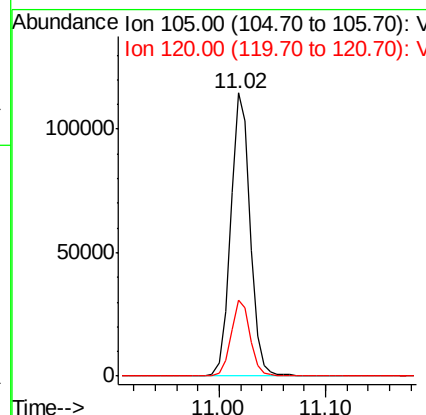
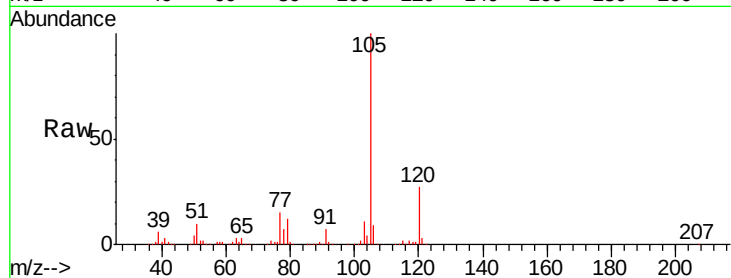
#73
Isopropylbenzene
Concen: 12.66 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion: 105 Resp: 146748
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

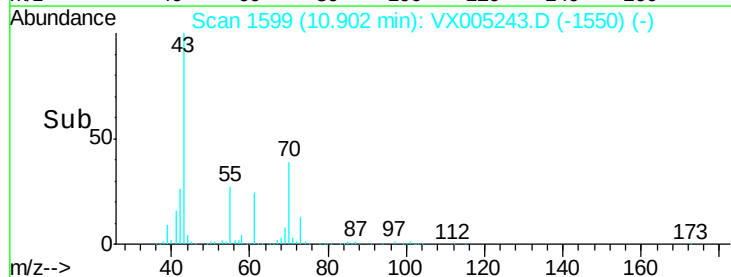
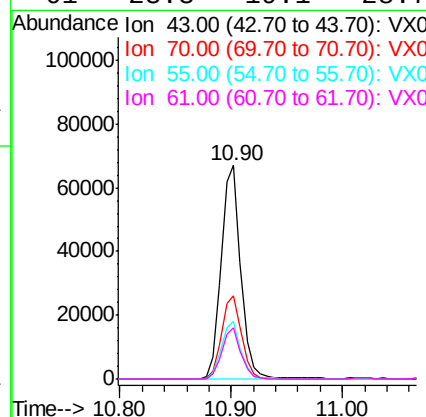
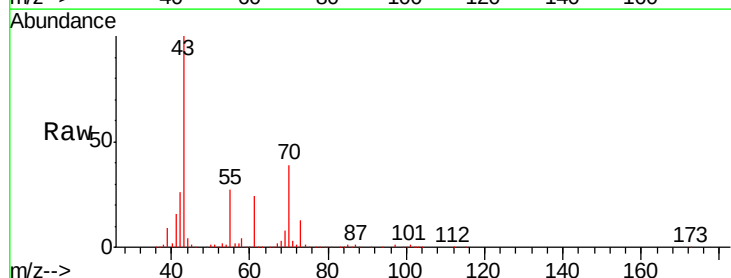
Manual Integrations
APPROVED

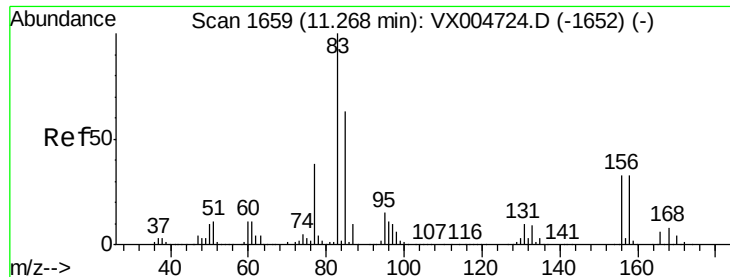
MMDadoda
10/12/2018 11:45:03 AM



#74
N-ethyl acetate
Concen: 14.16 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion: 43 Resp: 81915
Ion Ratio Lower Upper
43 100
70 39.7 32.6 48.8
55 27.2 21.6 32.4
61 23.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 14.37 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

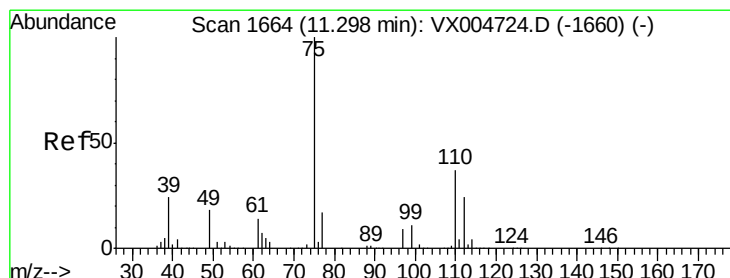
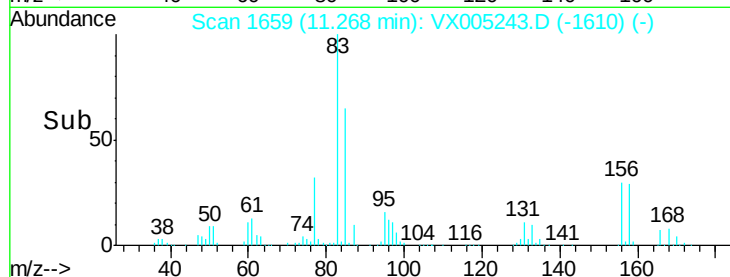
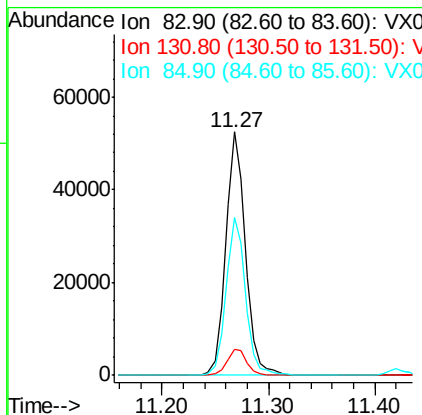
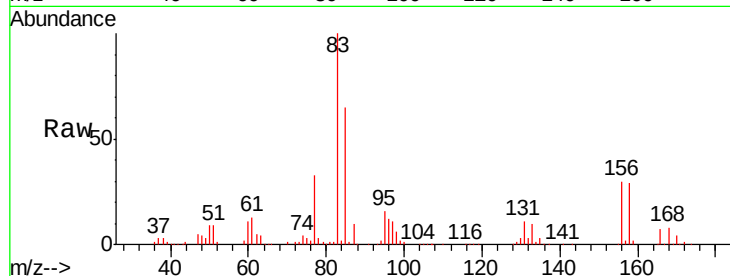
ClientSampleId :

VX1010WBS05

Tgt Ion:	83	Resp:	67783
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.3
85	64.3	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#76

1,2,3-Trichloropropane

Concen: 15.15 ug/l m

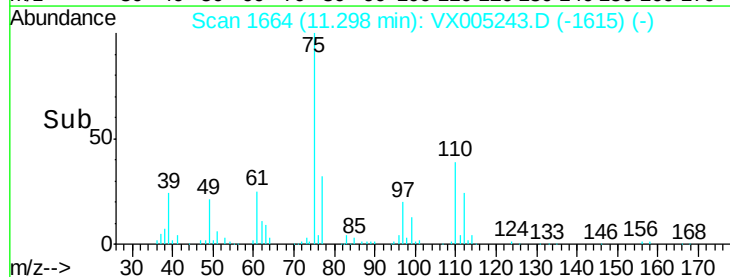
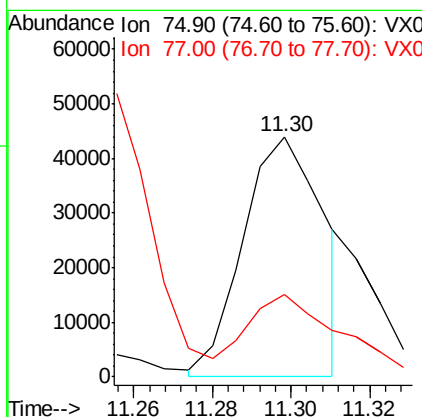
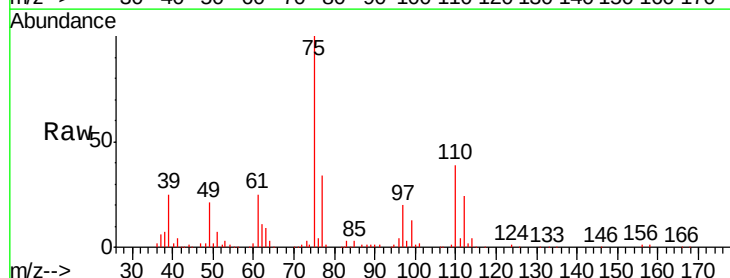
RT: 11.30 min Scan# 1664

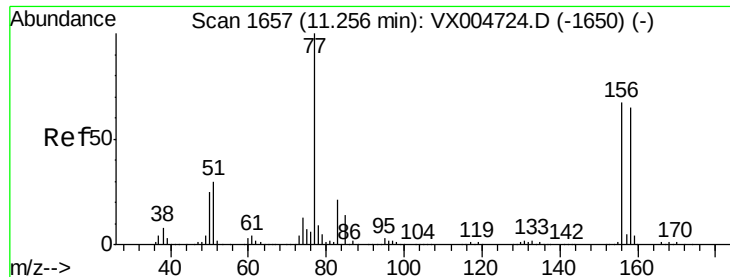
Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	75	Resp:	62419
Ion	Ratio	Lower	Upper
75	100		
77	40.3	21.4	64.3





#77

Bromobenzene

Concen: 14.10 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 156 Resp: 47473

Ion Ratio Lower Upper

156 100

77 146.8 73.4 220.2

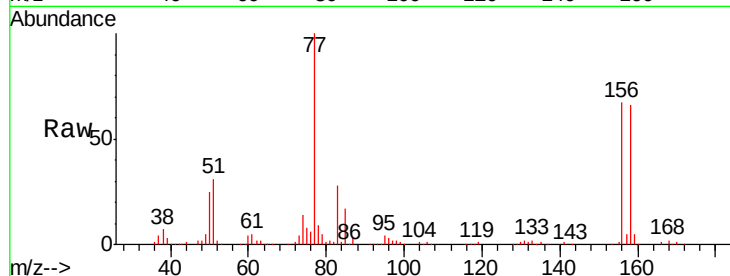
158 99.6 49.1 147.4

Manual Integrations

APPROVED

MMDadoda

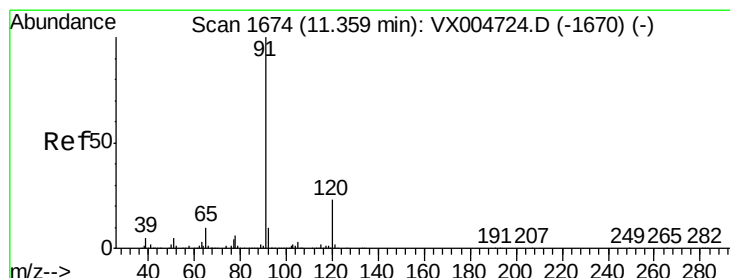
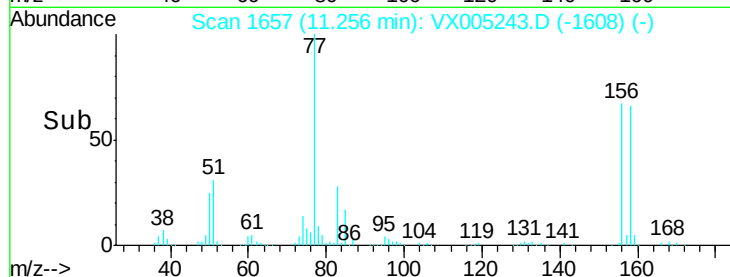
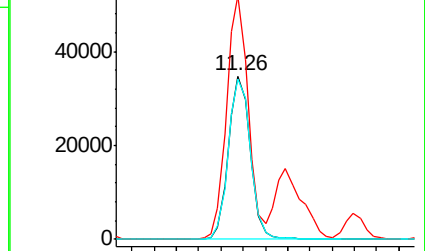
10/12/2018 11:45:03 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 12.62 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005243.D

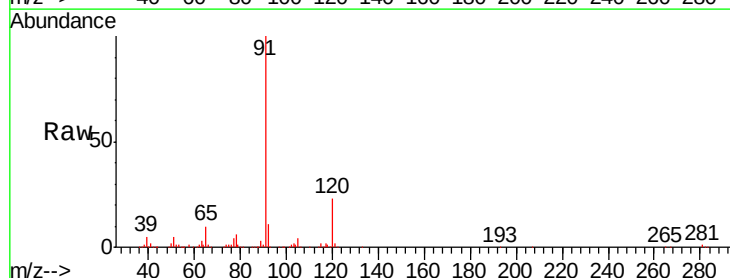
Acq: 11 Oct 2018 09:26

Tgt Ion: 91 Resp: 167797

Ion Ratio Lower Upper

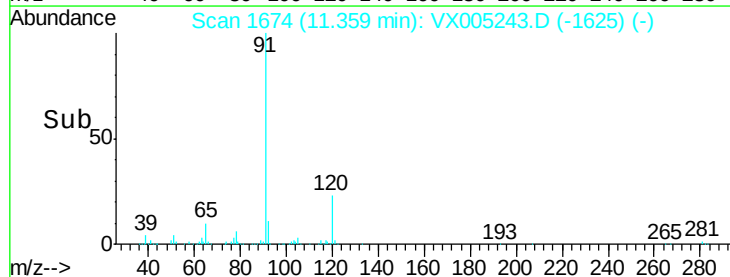
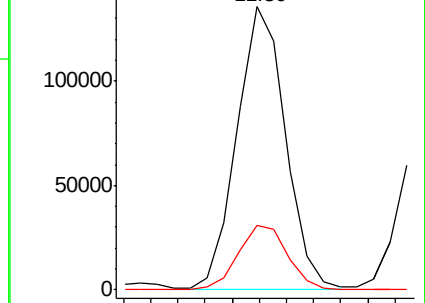
91 100

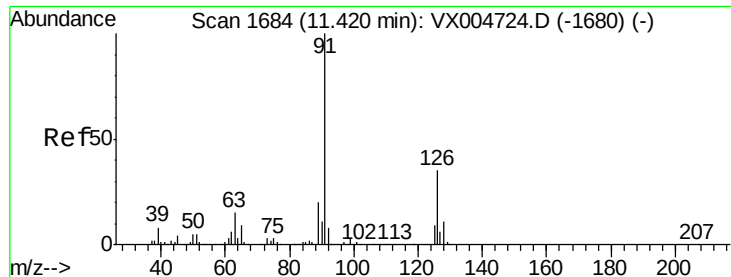
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 13.69 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion: 91 Resp: 113504

Ion Ratio Lower Upper

91 100

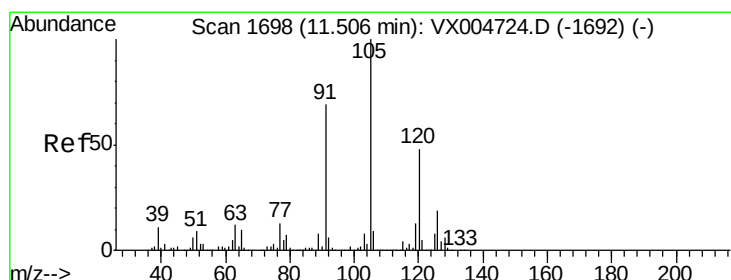
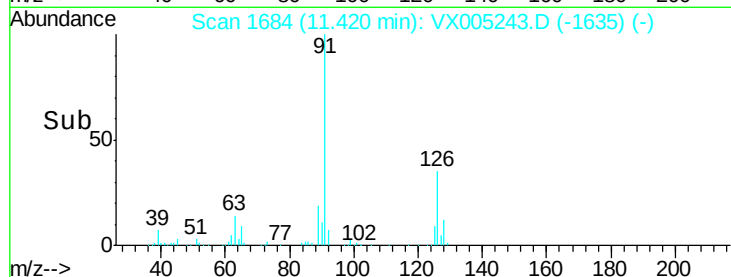
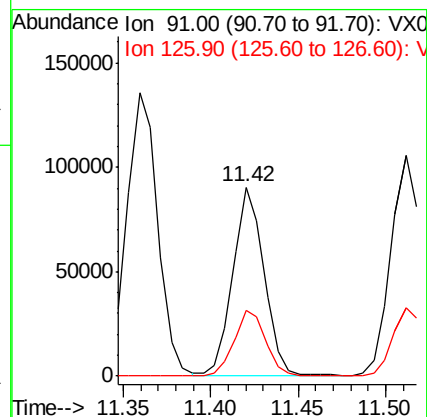
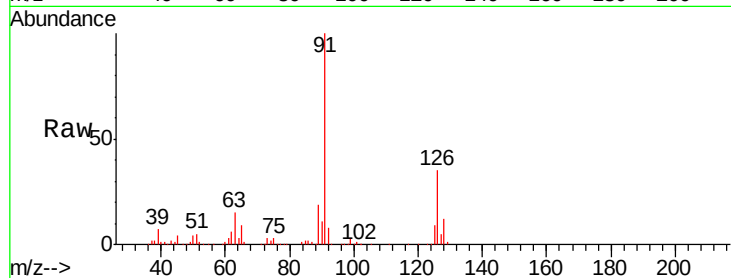
126 34.9 17.6 52.9

Manual Integrations

APPROVED

MMDadoda

10/12/2018 11:45:03 AM



#80

1,3,5-Trimethylbenzene

Concen: 12.09 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005243.D

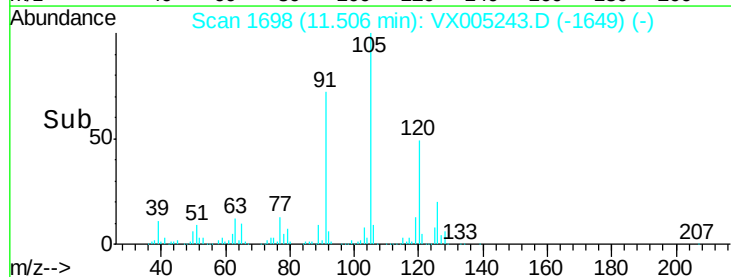
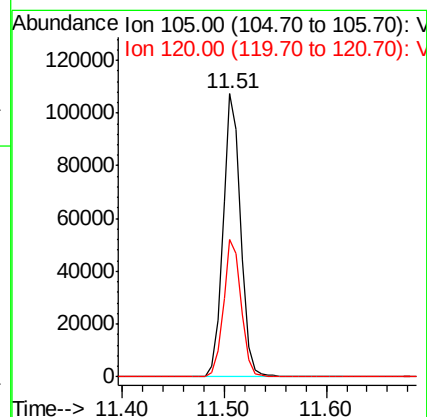
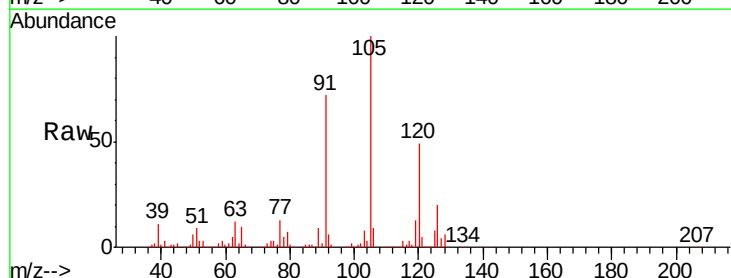
Acq: 11 Oct 2018 09:26

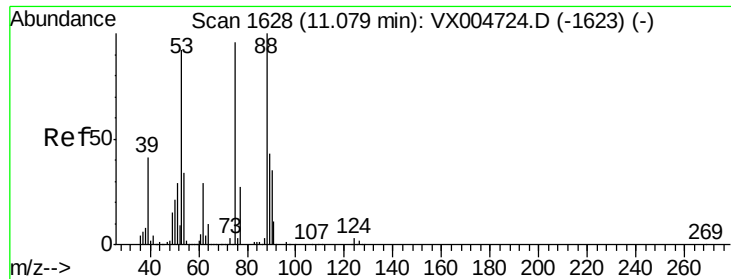
Tgt Ion: 105 Resp: 129974

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 13.69 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

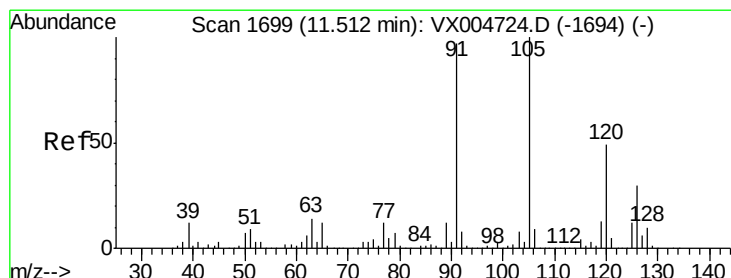
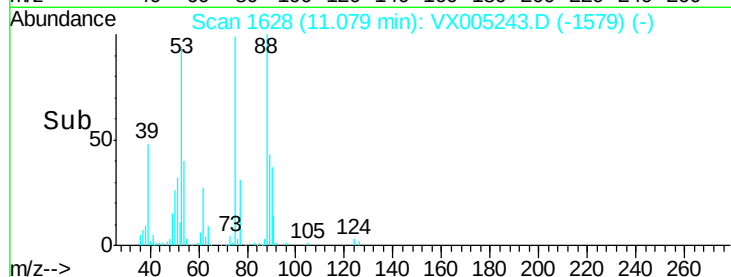
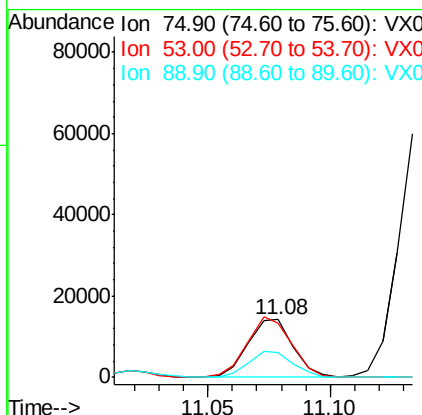
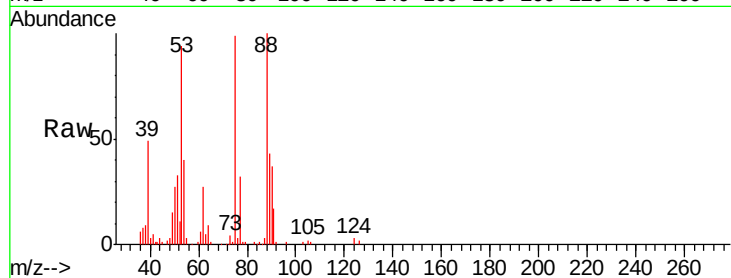
ClientSampleId :

VX1010WBS05

Tgt Ion:	75	Resp:	18417
Ion	Ratio	Lower	Upper
75	100		
53	101.9	80.2	120.4
89	44.2	37.1	55.7

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#82

4-Chlorotoluene

Concen: 13.47 ug/l

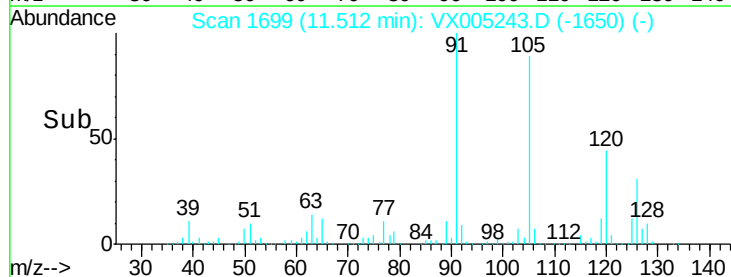
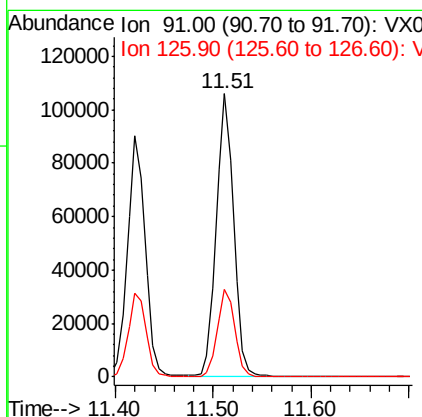
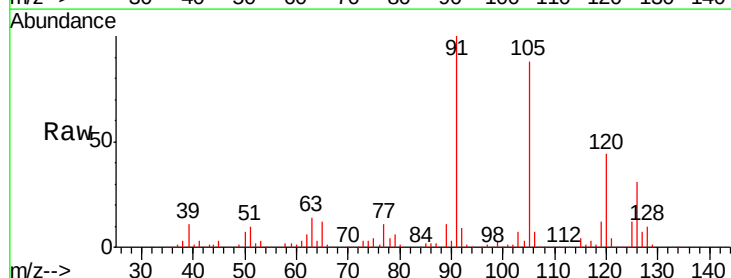
RT: 11.51 min Scan# 1699

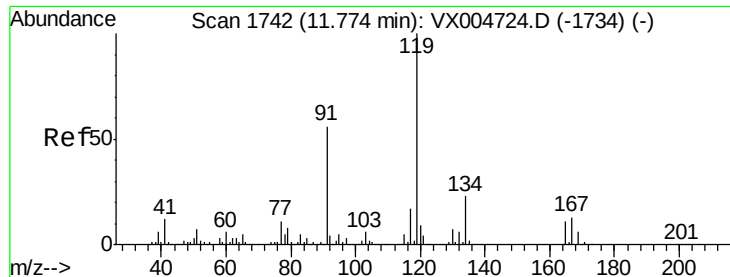
Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	91	Resp:	131370
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.5	46.5





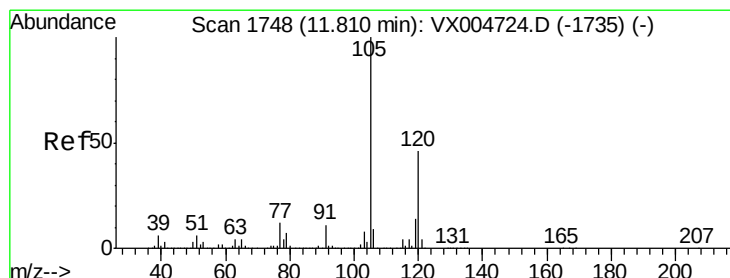
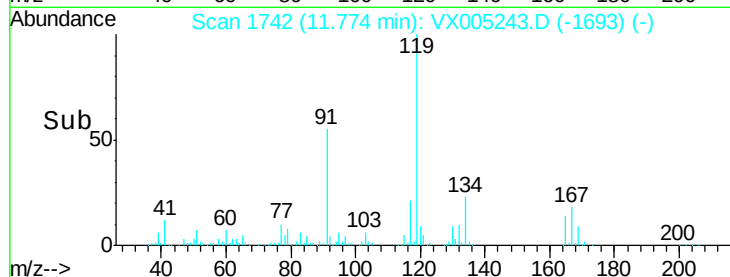
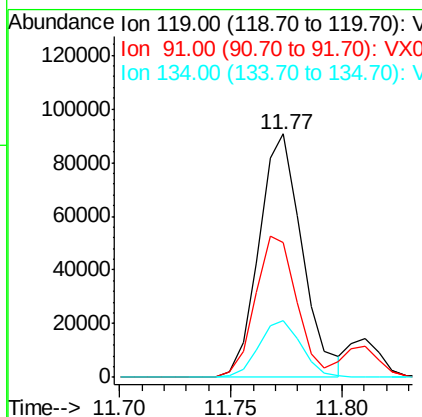
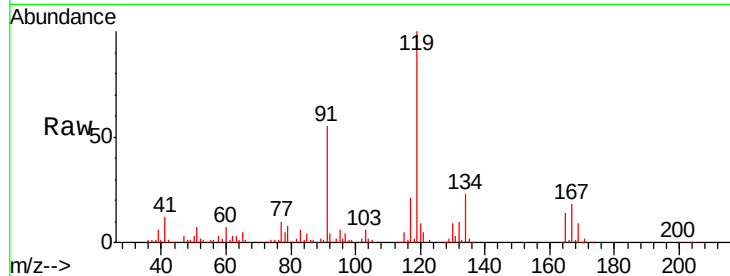
#83
 tert-Butylbenzene
 Concen: 12.83 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	122451		
91	55.7	27.5	82.5	
134	23.1	11.5	34.4	

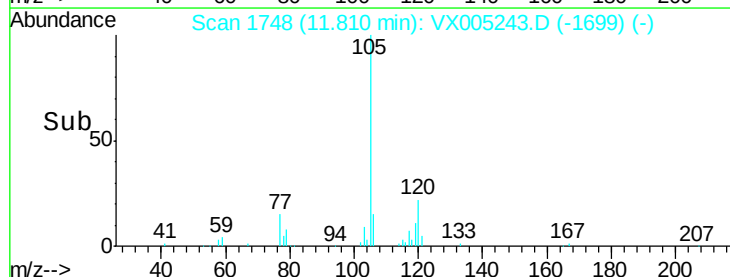
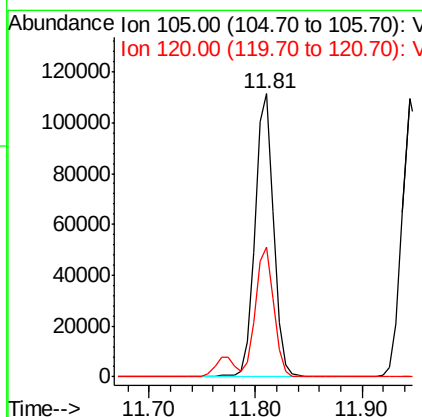
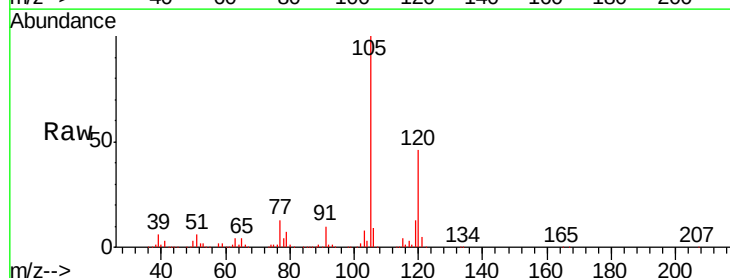
Manual Integrations
 APPROVED

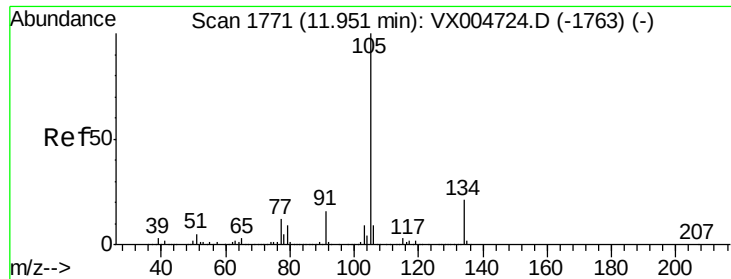
MMDadoda
 10/12/2018 11:45:03 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 12.31 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136510		
120	45.1	22.8	68.3	





#85

sec-Butylbenzene

Concen: 11.74 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS05

Tgt Ion:105 Resp: 136490

Ion Ratio Lower Upper

105 100

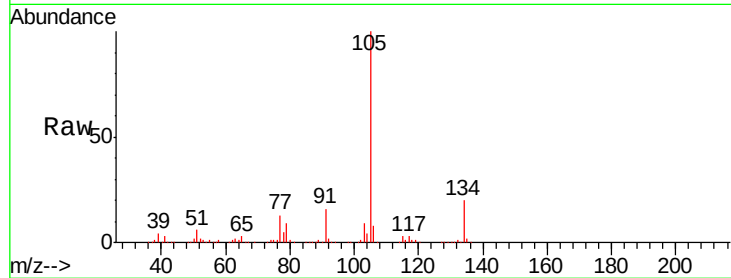
134 20.3 10.2 30.4

Manual Integrations

APPROVED

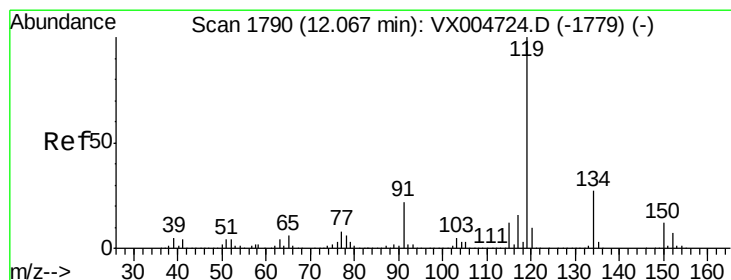
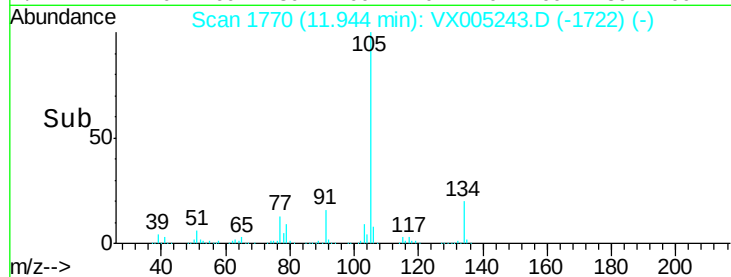
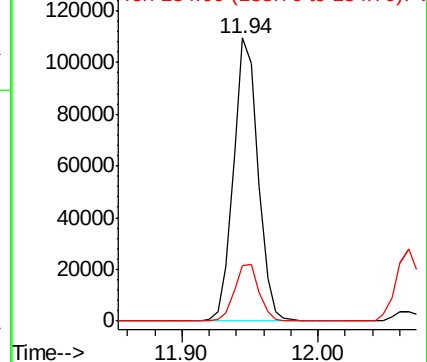
MMDadoda

10/12/2018 11:45:03 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 11.80 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

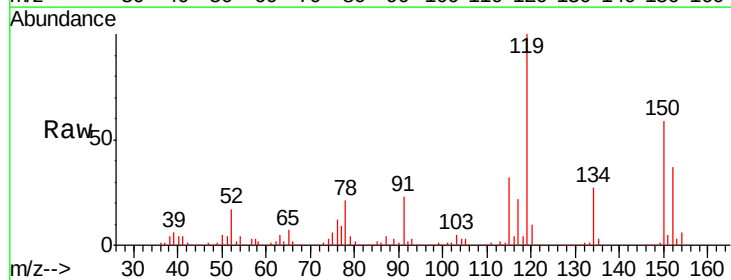
Tgt Ion:119 Resp: 124234

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

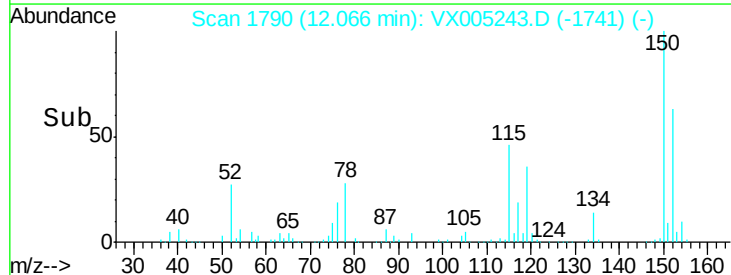
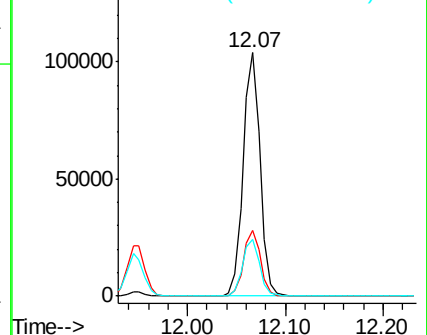
91 23.7 11.5 34.4

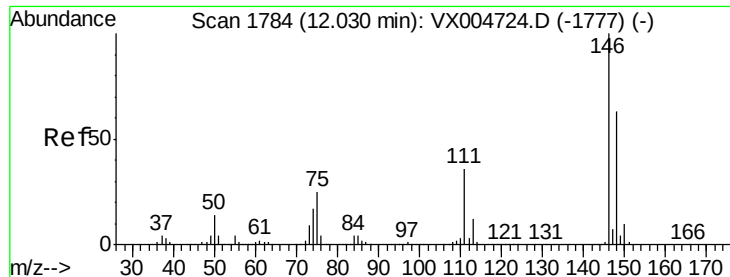


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





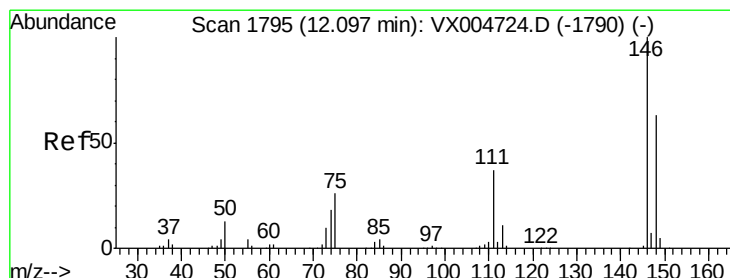
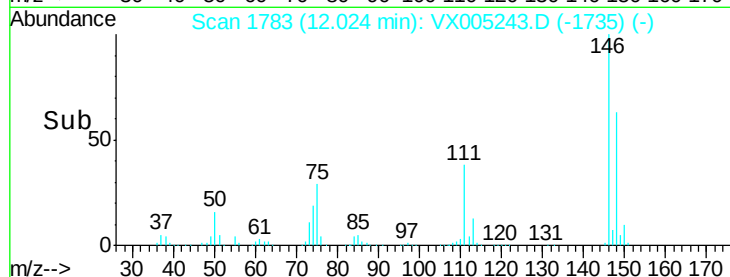
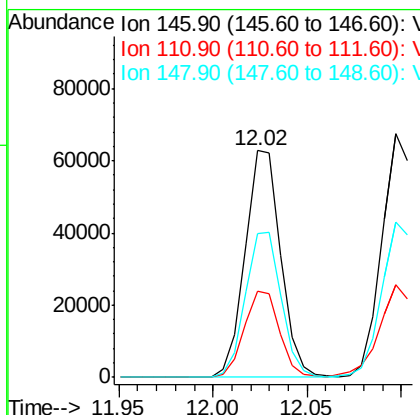
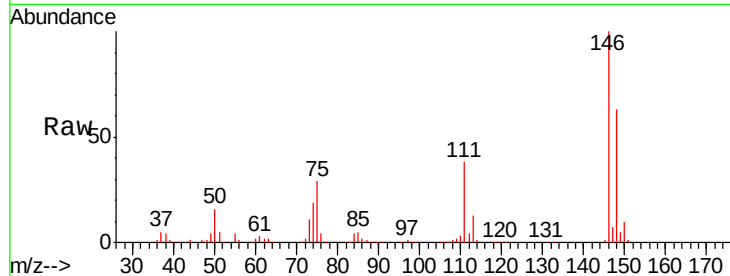
#87
1,3-Dichlorobenzene
Concen: 13.12 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	64.4	31.8	95.3

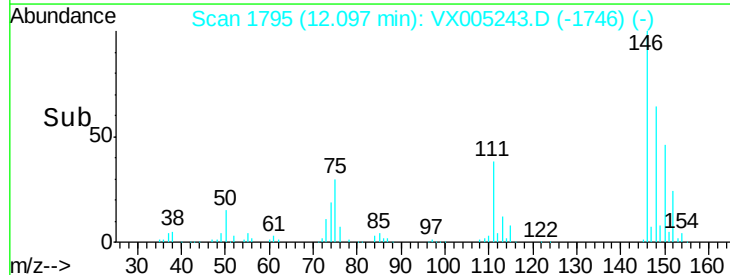
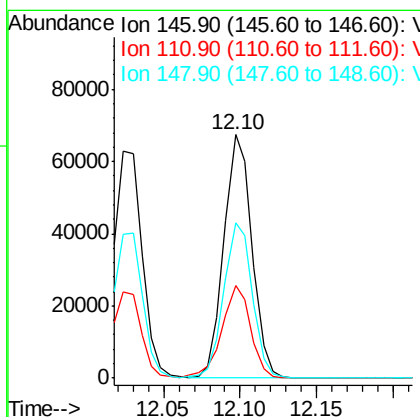
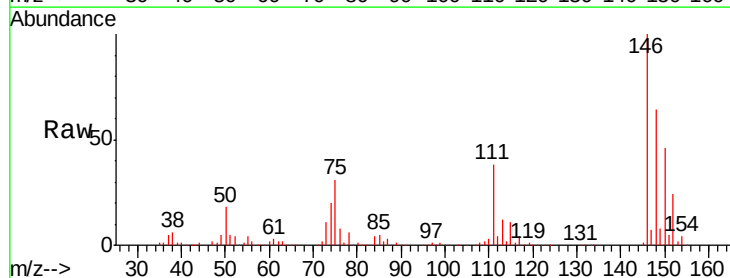
Manual Integrations
APPROVED

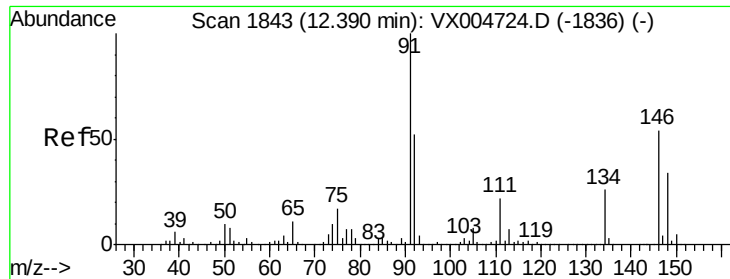
MMDadoda
10/12/2018 11:45:03 AM



#88
1,4-Dichlorobenzene
Concen: 13.23 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.4	55.2
148	65.1	32.0	96.0





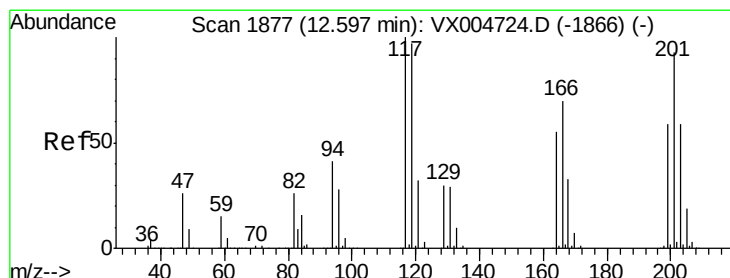
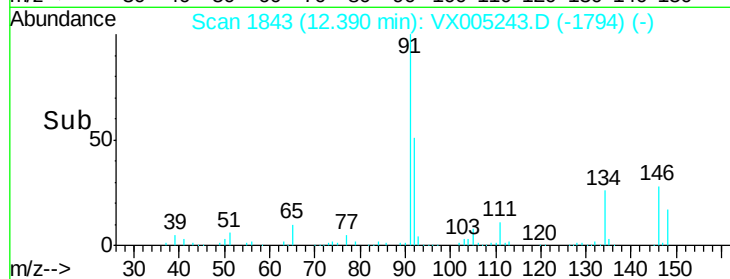
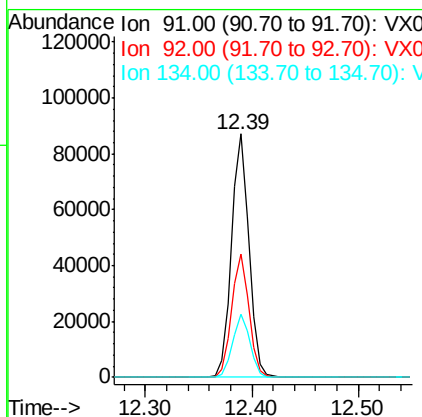
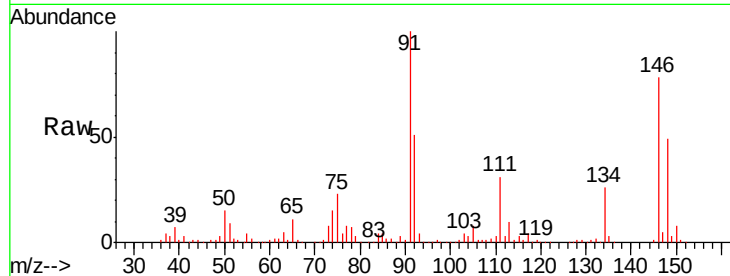
#89
n-Butylbenzene
Concen: 10.54 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.0	78.0
134	25.7	13.2	39.6

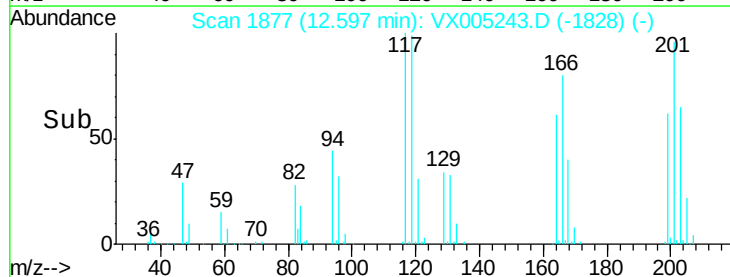
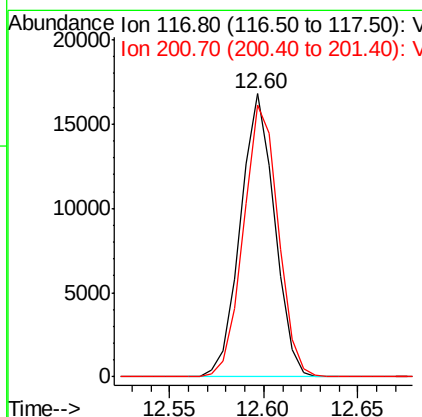
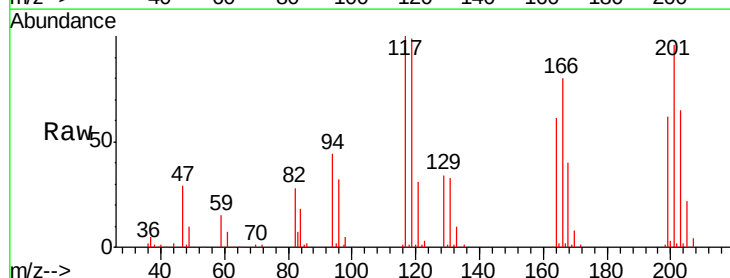
Manual Integrations
APPROVED

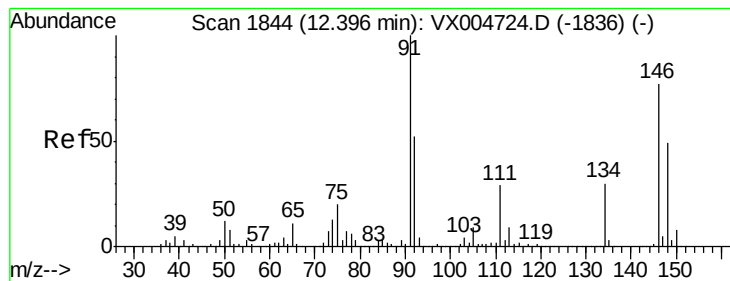
MMDadoda
10/12/2018 11:45:03 AM



#90
Hexachloroethane
Concen: 12.01 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005243.D
Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.8	48.4	145.0





#91

1,2-Dichlorobenzene

Concen: 13.30 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

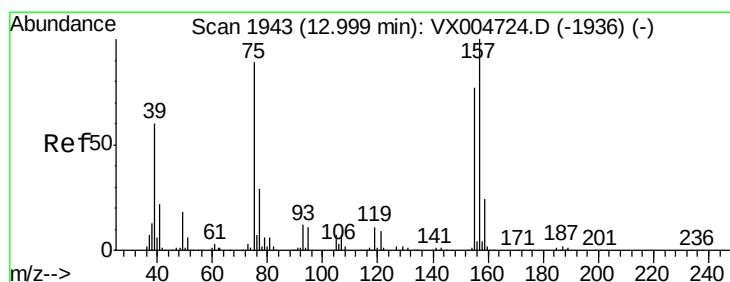
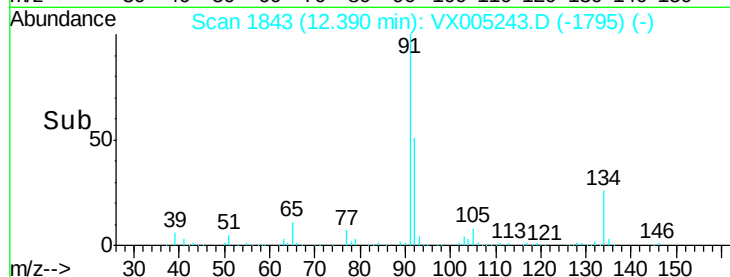
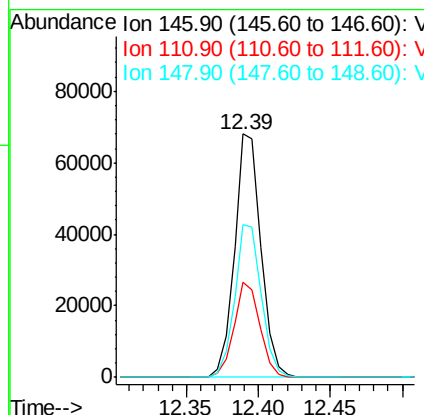
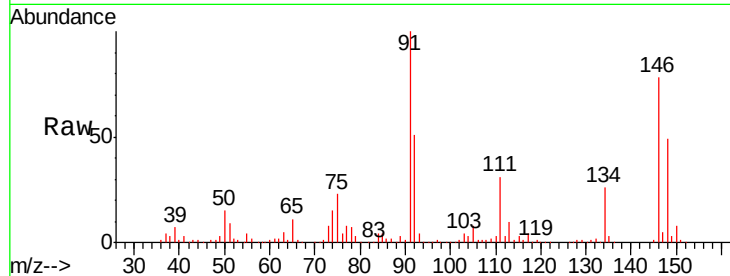
ClientSampleId :

VX1010WBS05

Tgt Ion:	146	Resp:	87376
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.6	58.7
148	63.3	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.83 ug/l

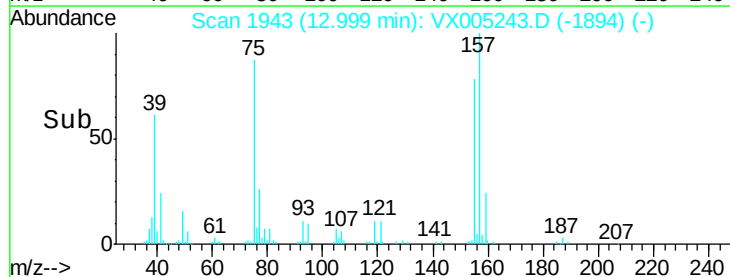
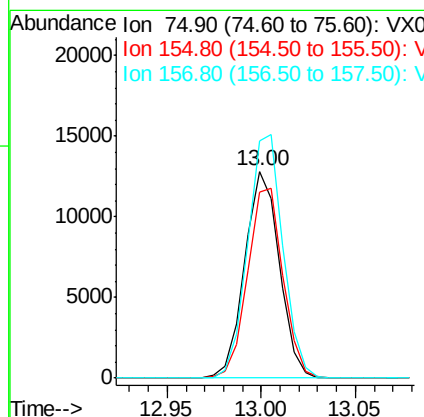
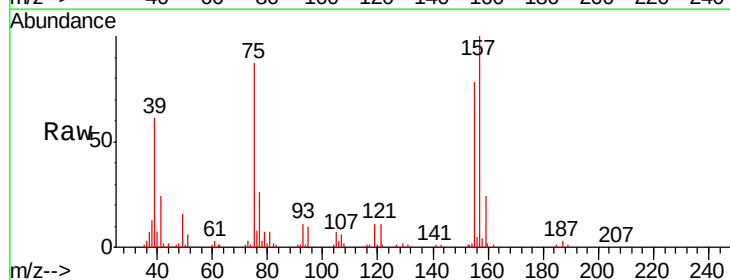
RT: 13.00 min Scan# 1943

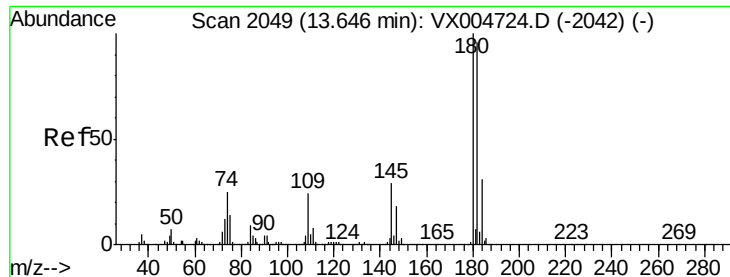
Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	75	Resp:	16401
Ion Ratio	Lower	Upper	
75	100		
155	93.1	46.1	138.3
157	119.3	60.2	180.6





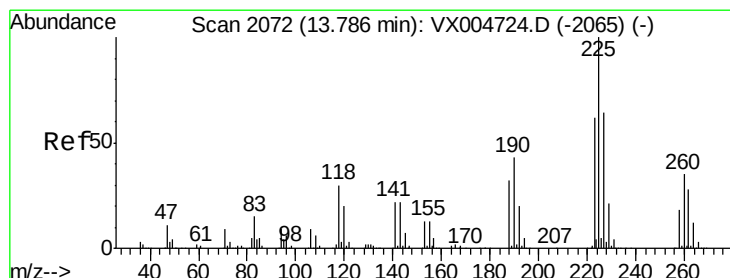
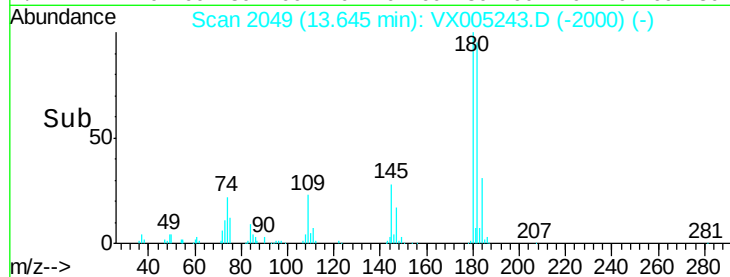
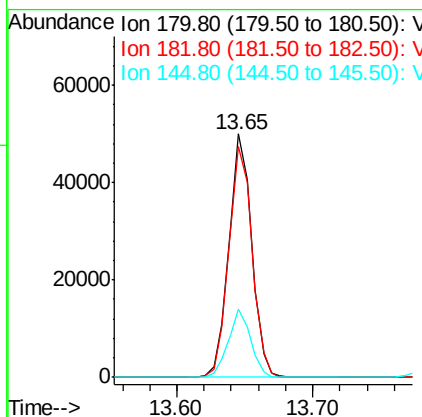
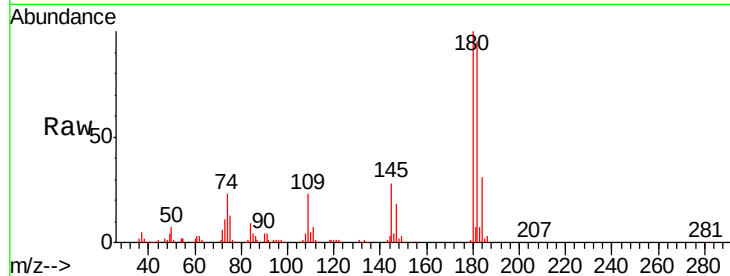
#93
 1,2,4-Trichlorobenzene
 Concen: 12.66 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58339		
182	96.7	47.8	143.4	
145	27.4	14.1	42.4	

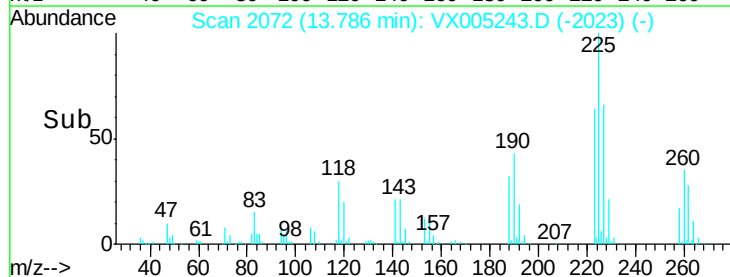
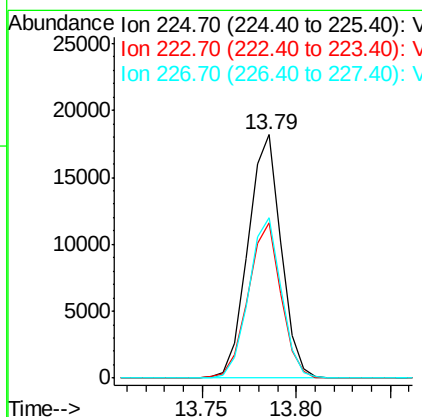
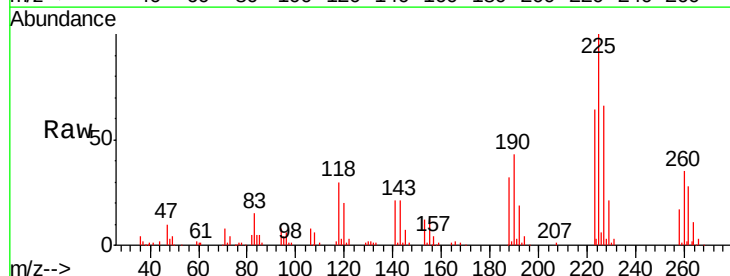
Manual Integrations
 APPROVED

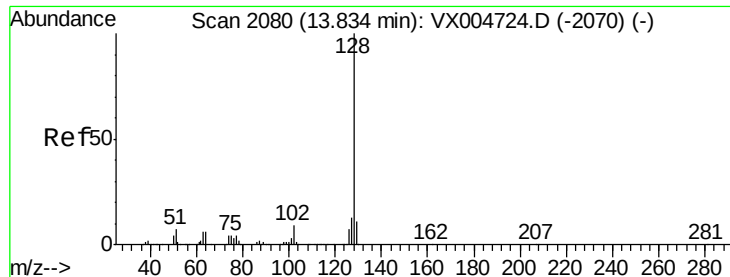
MMDadoda
 10/12/2018 11:45:03 AM



#94
 Hexachlorobutadiene
 Concen: 9.23 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005243.D
 Acq: 11 Oct 2018 09:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22064		
223	63.5	31.3	93.8	
227	65.0	31.9	95.5	





#95

Naphthalene

Concen: 13.27 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Instrument :

MSVOA_X

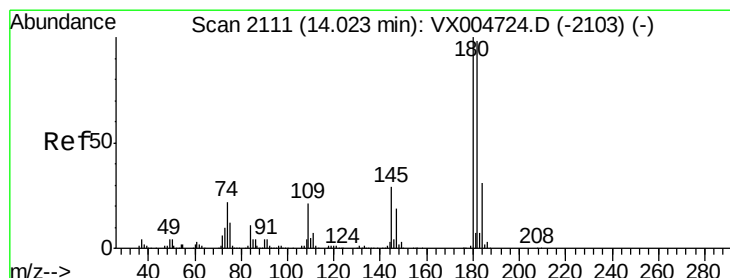
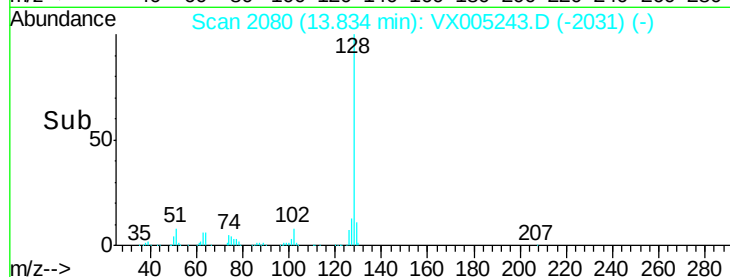
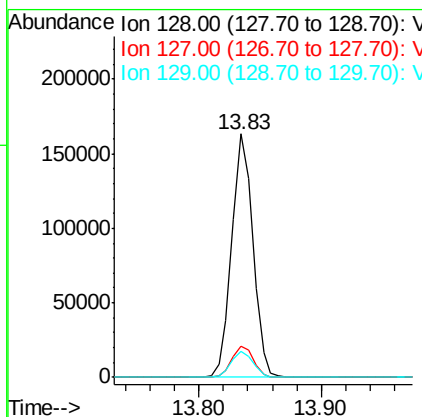
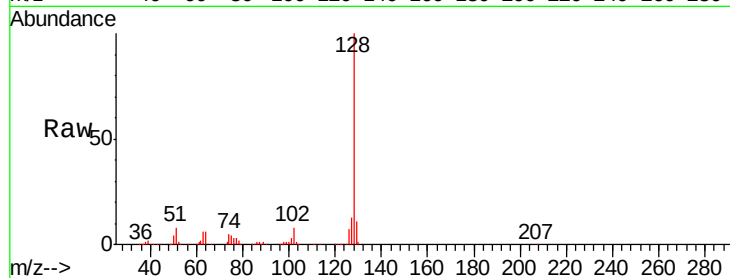
ClientSampleId :

VX1010WBS05

Tgt Ion:	128	Resp:	194776
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 13.34 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005243.D

Acq: 11 Oct 2018 09:26

Tgt Ion:	180	Resp:	63518
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.8
145	29.4	15.0	45.0

