

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005331.D
 Acq On : 15 Oct 2018 09:42
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	145711	47.76	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.50	113	119385	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	8.71	98	461055	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	11.14	95	170031	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44104	20.52	ug/l	100
3) Chloromethane	1.32	50	59399	19.07	ug/l	100
4) Vinyl Chloride	1.40	62	61135	19.38	ug/l	98
5) Bromomethane	1.64	94	36853	21.02	ug/l	98
6) Chloroethane	1.71	64	37765	19.28	ug/l	97
7) Trichlorofluoromethane	1.92	101	85616	20.33	ug/l	95
8) Diethyl Ether	2.19	74	34860	19.39	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51648	21.25	ug/l	96
10) Methyl Iodide	2.51	142	51855	20.98	ug/l	99
11) Tert butyl alcohol	3.07	59	85115	98.89	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47482	19.72	ug/l	96
13) Acrolein	2.29	56	46247	82.76	ug/l	96
14) Allyl chloride	2.73	41	104668	19.80	ug/l	95
15) Acrylonitrile	3.15	53	183716	94.19	ug/l	98
16) Acetone	2.45	43	166198	94.21	ug/l	97
17) Carbon Disulfide	2.57	76	139400	19.11	ug/l	98
18) Methyl Acetate	2.78	43	96670	19.26	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	171730	20.25	ug/l	97
20) Methylene Chloride	2.85	84	55471	20.82	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	51587	19.33	ug/l	96
22) Diisopropyl ether	3.87	45	165063	18.59	ug/l	91
23) Vinyl Acetate	3.82	43	727779	93.78	ug/l	97
24) 1,1-Dichloroethane	3.70	63	102112	20.07	ug/l	98
25) 2-Butanone	4.70	43	235046	91.06	ug/l	94
26) 2,2-Dichloropropane	4.58	77	75670	19.88	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	53865	18.57	ug/l	95
28) Bromochloromethane	5.01	49	42714	18.41	ug/l	95
29) Tetrahydrofuran	5.15	42	151371	91.94	ug/l	93
30) Chloroform	5.21	83	92239	19.53	ug/l	99
31) Cyclohexane	5.57	56	81543	19.44	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	79537	19.35	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68172	18.41	ug/l	99
37) Ethyl Acetate	4.85	43	84633	17.77	ug/l	98
38) Carbon Tetrachloride	5.78	117	71860	19.31	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005331.D
 Acq On : 15 Oct 2018 09:42
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1015WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80417	20.06	ug/l	95
40) Benzene	6.14	78	201909	18.17	ug/l	100
41) Methacrylonitrile	5.06	41	46839	18.34	ug/l	97
42) 1,2-Dichloroethane	6.20	62	72775	18.55	ug/l	97
43) Isopropyl Acetate	6.46	43	123770	19.51	ug/l	98
44) Trichloroethene	7.21	130	56655	19.59	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54601	20.04	ug/l	99
46) Dibromomethane	7.66	93	34712	19.30	ug/l	96
47) Bromodichloromethane	7.90	83	66800	20.08	ug/l	99
48) Methyl methacrylate	7.77	41	64103	19.48	ug/l	95
49) 1,4-Dioxane	7.75	88	30657	403.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	440875	100.36	ug/l	95
52) Toluene	8.79	92	131847	21.69	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	73413	20.39	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	82261	21.09	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	53342	20.72	ug/l	98
56) Ethyl methacrylate	9.18	69	77710	20.71	ug/l	96
57) 1,3-Dichloropropane	9.37	76	87798	20.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	217062	103.13	ug/l	95
59) 2-Hexanone	9.49	43	352468	99.75	ug/l	94
60) Dibromochloromethane	9.59	129	55087	20.70	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55163	20.42	ug/l	100
64) Tetrachloroethene	9.34	164	59448	20.55	ug/l	99
65) Chlorobenzene	10.14	112	148446	19.42	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	52754	19.37	ug/l	99
67) Ethyl Benzene	10.25	91	245787	19.78	ug/l	98
68) m/p-Xylenes	10.36	106	194367	40.30	ug/l	96
69) o-Xylene	10.70	106	91394	19.65	ug/l	96
70) Styrene	10.71	104	154690	20.22	ug/l	98
71) Bromoform	10.86	173	45028	18.50	ug/l #	99
73) Isopropylbenzene	11.02	105	254287	20.88	ug/l	100
74) N-amyl acetate	10.90	43	111685	19.01	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	86340	18.79	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81939m	20.62	ug/l	
77) Bromobenzene	11.26	156	69434	19.94	ug/l	99
78) n-propylbenzene	11.36	91	295819	21.10	ug/l	100
79) 2-Chlorotoluene	11.42	91	176137	20.52	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	217578	20.86	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24666	18.86	ug/l	97
82) 4-Chlorotoluene	11.51	91	205639	20.21	ug/l	99
83) tert-Butylbenzene	11.77	119	213398	20.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	225855	21.04	ug/l	96
85) sec-Butylbenzene	11.94	105	263246	21.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	238585	21.12	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	130399	20.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133493	20.05	ug/l	99
89) n-Butylbenzene	12.39	91	207393	20.22	ug/l	97
90) Hexachloroethane	12.60	117	36458	18.72	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	128740	19.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20326	18.13	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005331.D
Acq On : 15 Oct 2018 09:42
Operator : JC/MD
Sample : VX1015WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:05:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100311	20.59	ug/l	97
94) Hexachlorobutadiene	13.79	225	52846	20.53	ug/l	96
95) Naphthalene	13.83	128	286127	20.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101577	20.37	ug/l	99

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

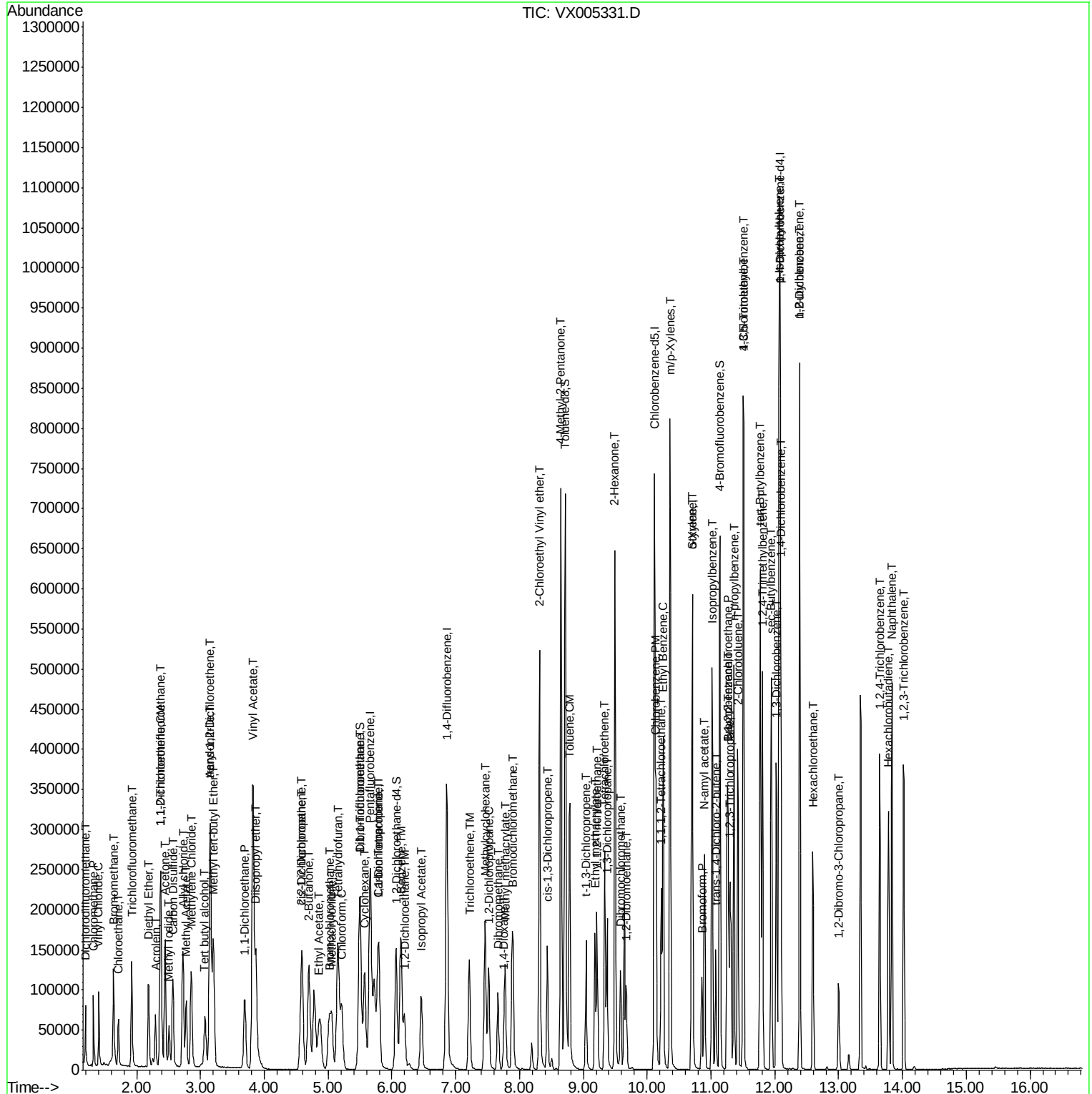
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005331.D
 Acq On : 15 Oct 2018 09:42
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

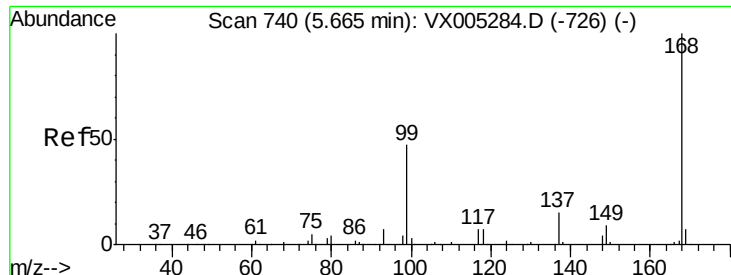
Instrument :
 MSVOA_X
 Client Sample ID :
 VX1015WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:05:12 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion:168 Resp: 274920

Ion Ratio Lower Upper

168 100

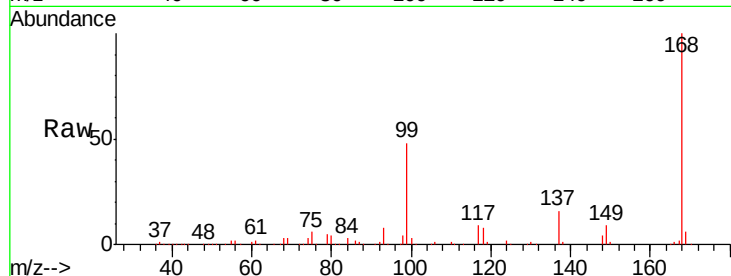
99 47.8 39.9 59.9

Manual Integrations

APPROVED

MMDadoda

10/16/2018 2:23:29 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

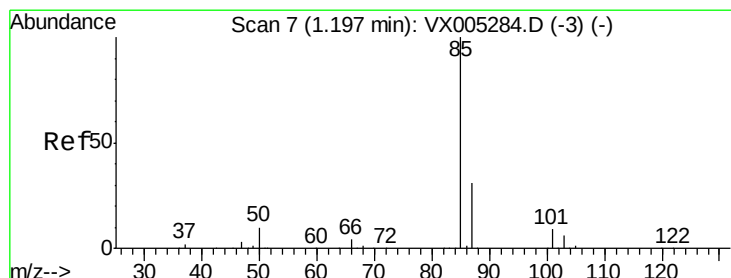
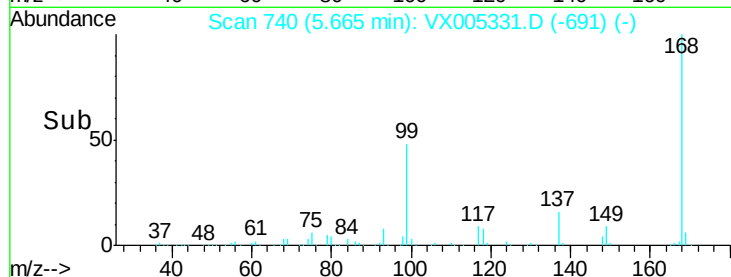
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.52 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005331.D

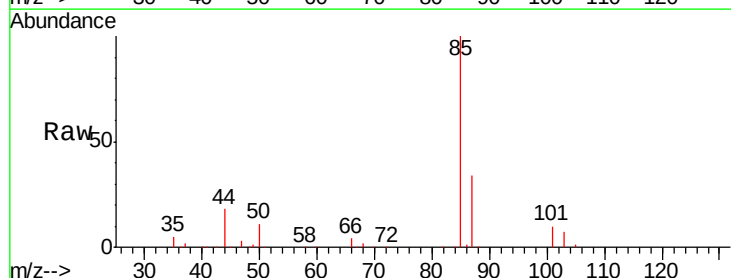
Acq: 15 Oct 2018 09:42

Tgt Ion: 85 Resp: 44104

Ion Ratio Lower Upper

85 100

87 33.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

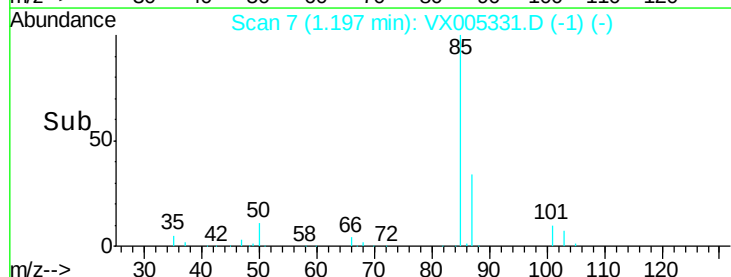
20000

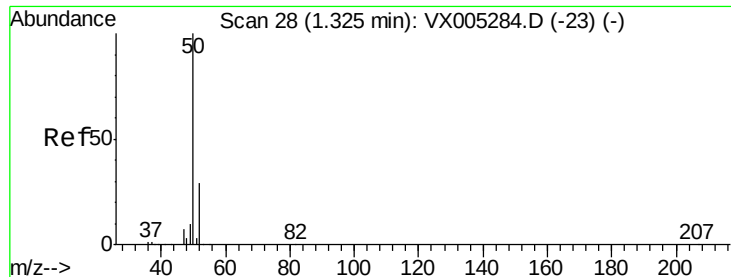
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.07 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 50 Resp: 59399

Ion Ratio Lower Upper

50 100

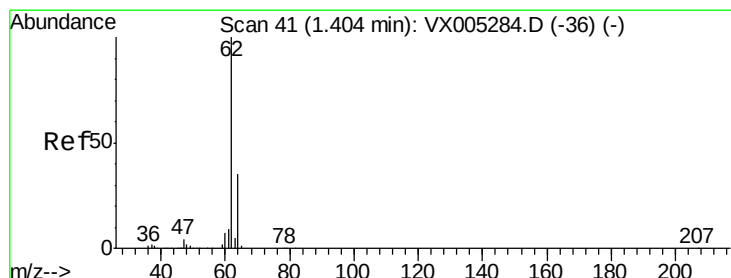
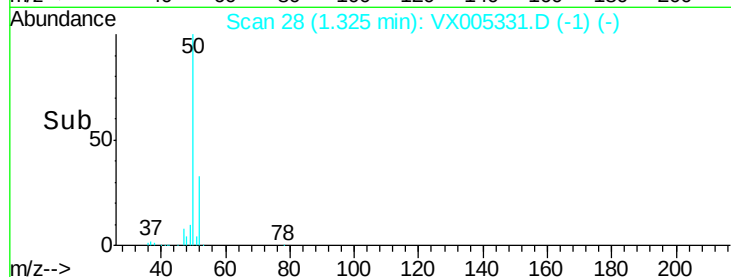
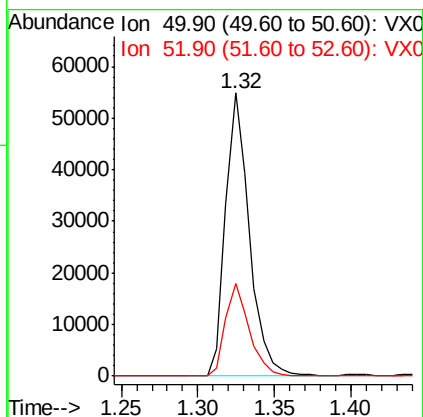
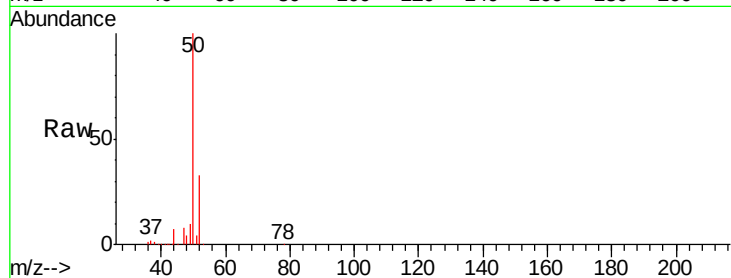
52 32.8 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

10/16/2018 2:23:29 PM



#4

Vinyl Chloride

Concen: 19.38 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005331.D

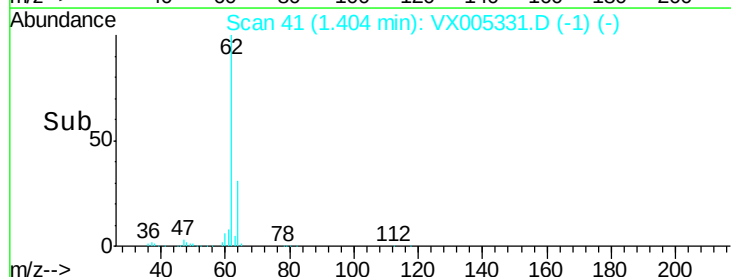
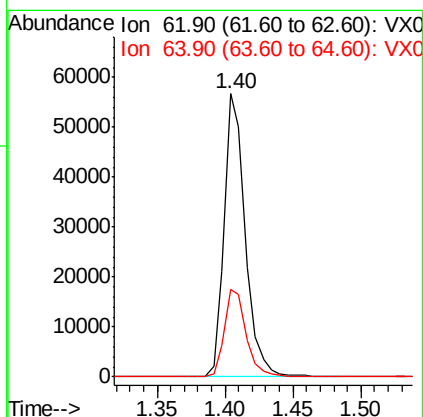
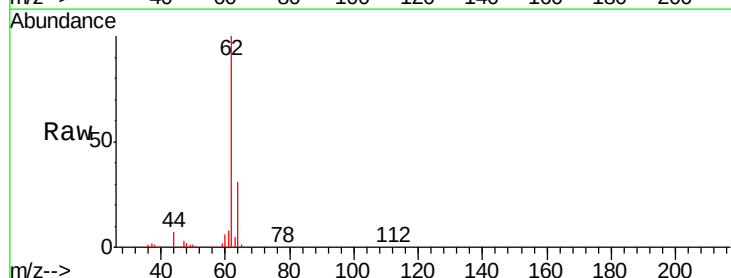
Acq: 15 Oct 2018 09:42

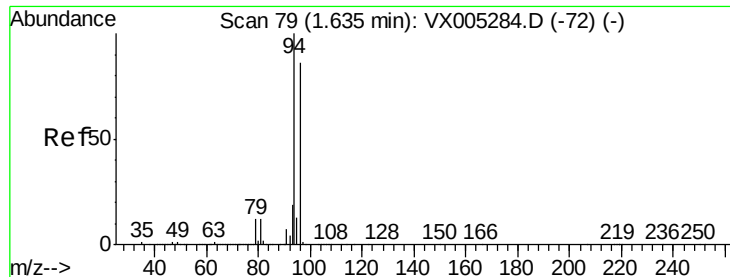
Tgt Ion: 62 Resp: 61135

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8





#5

Bromomethane

Concen: 21.02 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005331.D

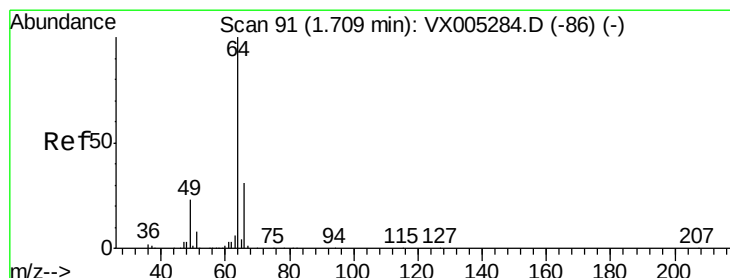
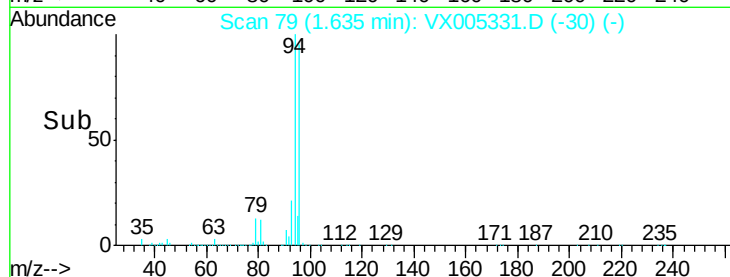
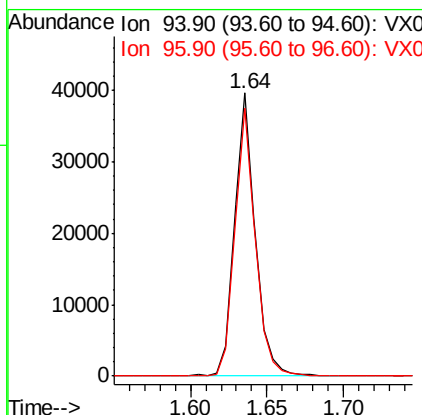
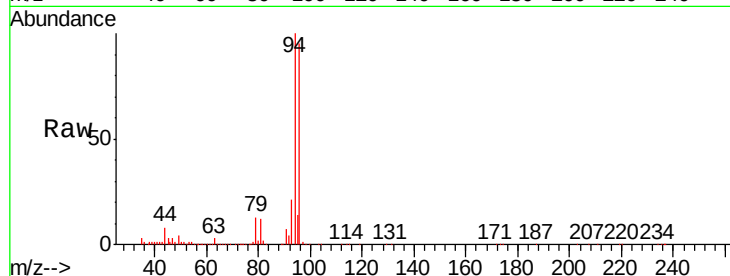
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
94	100		
96	94.8	74.5	111.7

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#6

Chloroethane

Concen: 19.28 ug/l

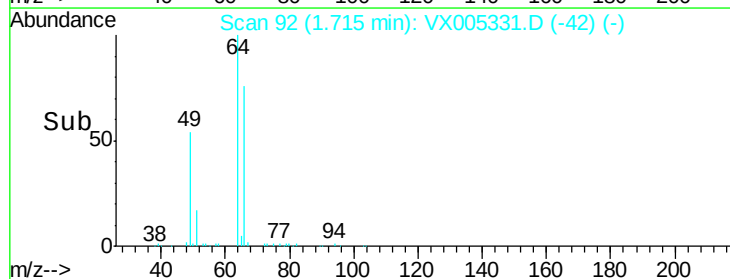
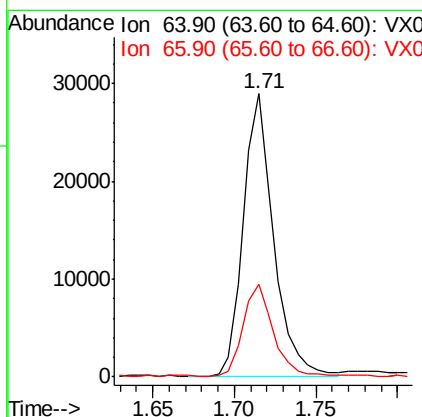
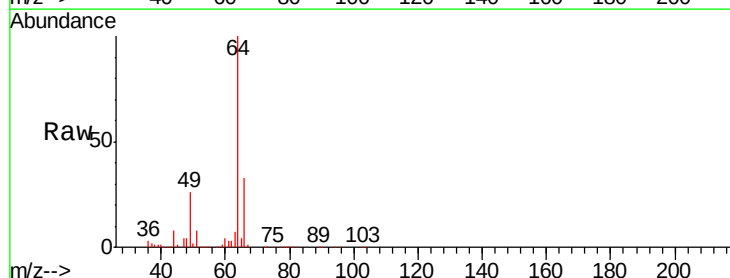
RT: 1.71 min Scan# 92

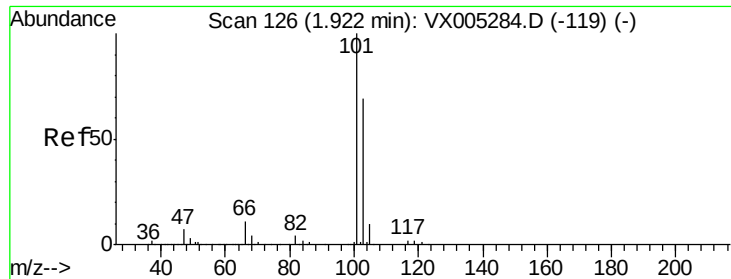
Delta R.T. 0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
64	100		
66	32.2	24.6	36.8





#7

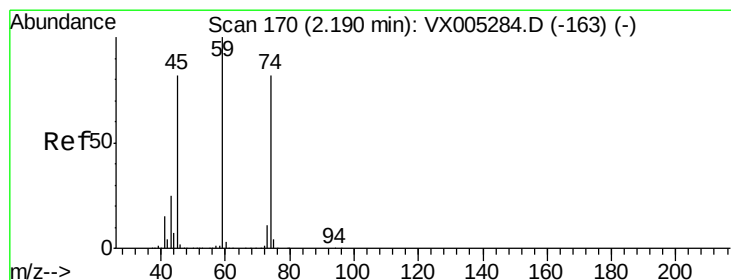
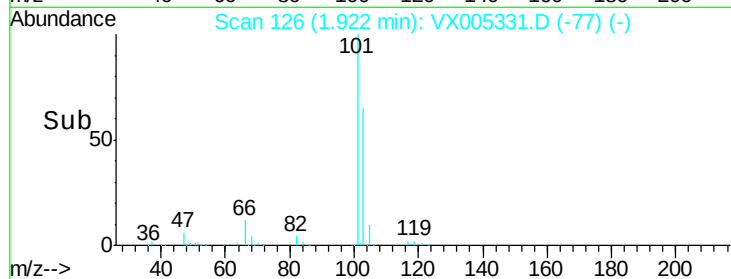
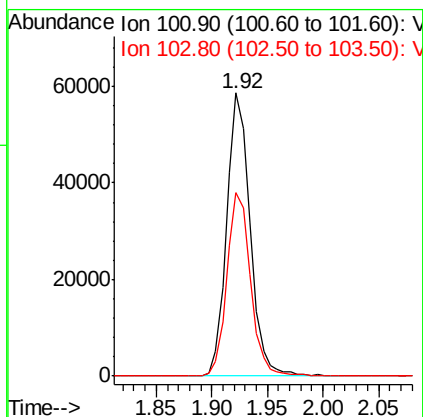
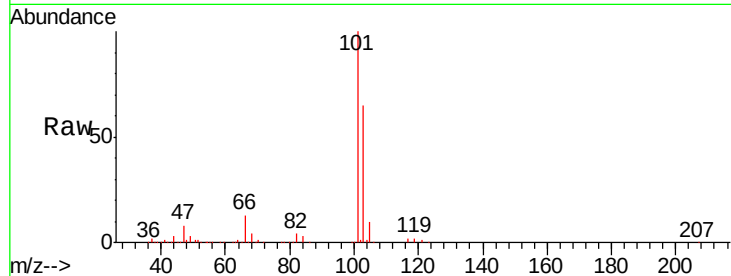
Trichlorofluoromethane
Concen: 20.33 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.1	48.9	73.3

Manual Integrations
APPROVED

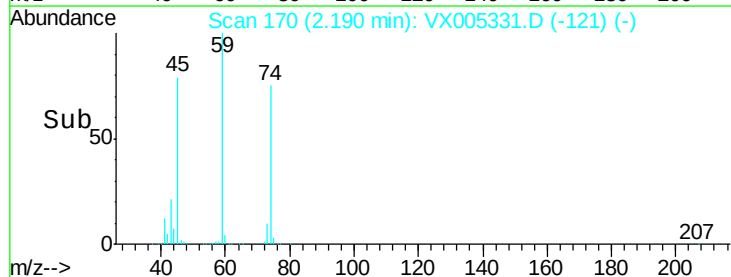
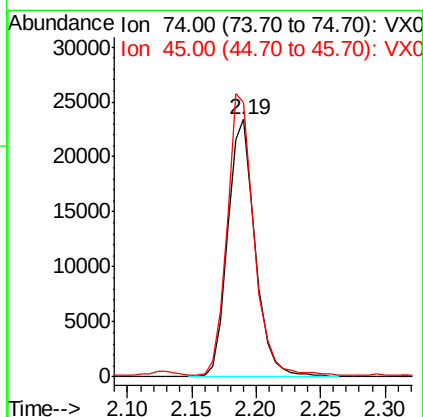
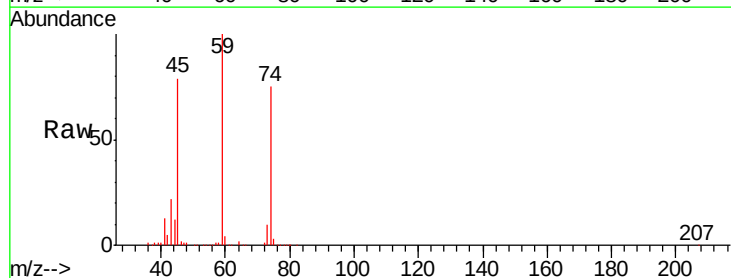
MMDadoda
10/16/2018 2:23:29 PM

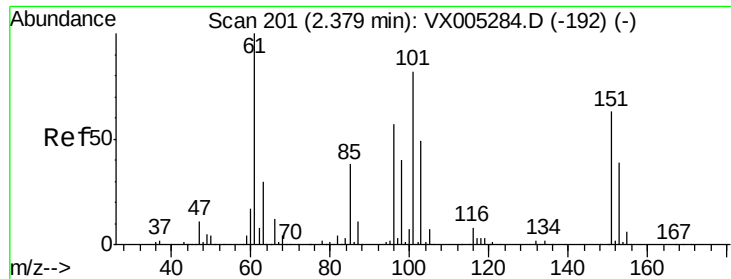


#8

Diethyl Ether
Concen: 19.39 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.4	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.25 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

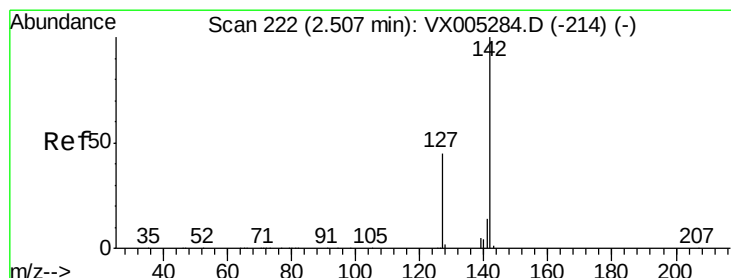
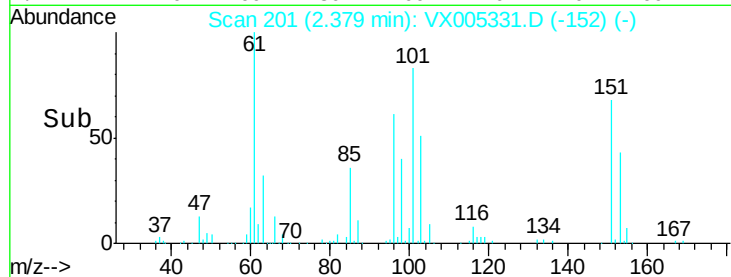
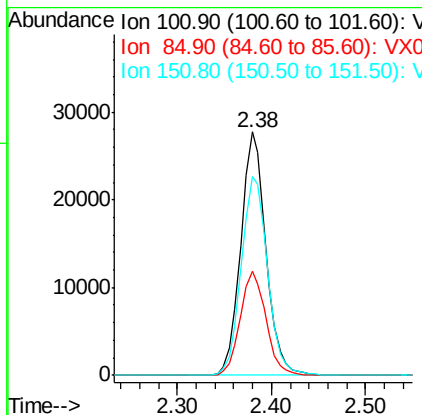
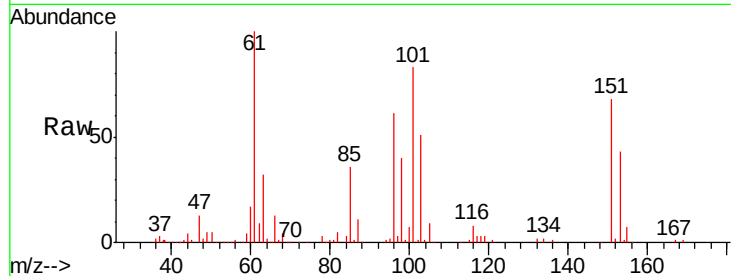
ClientSampleId :

VX1015WBS01

Tgt Ion:	101	Resp:	51648
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.2	51.4
151	85.7	65.0	97.6

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#10

Methyl Iodide

Concen: 20.98 ug/l

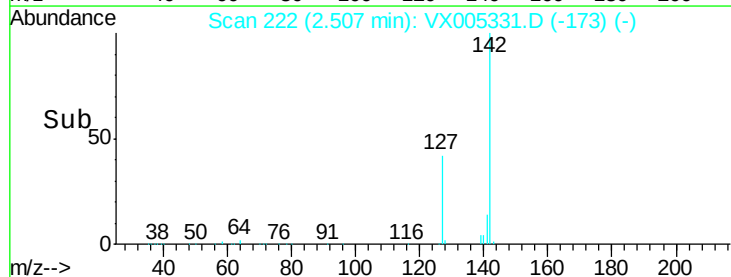
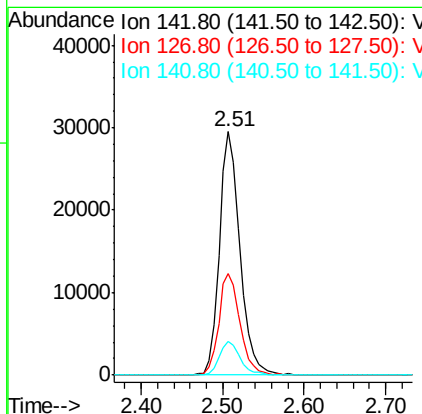
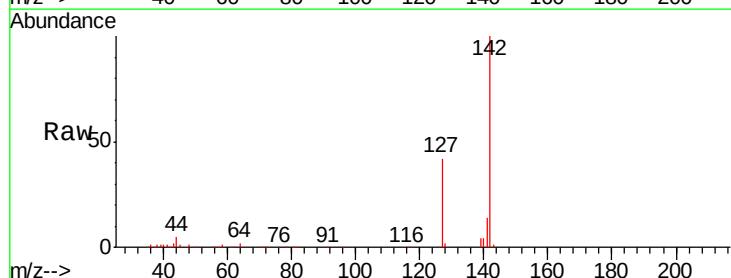
RT: 2.51 min Scan# 222

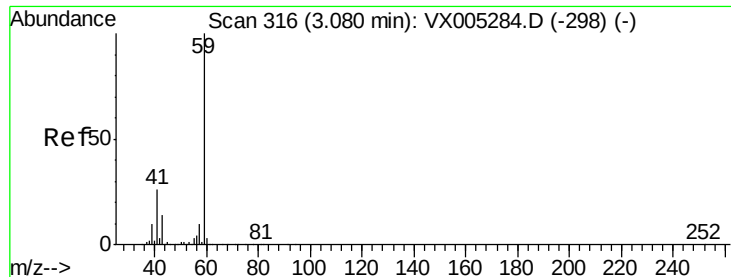
Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion:	142	Resp:	51855
Ion Ratio	Lower	Upper	
142	100		
127	43.1	33.8	50.6
141	14.2	11.4	17.0





#11

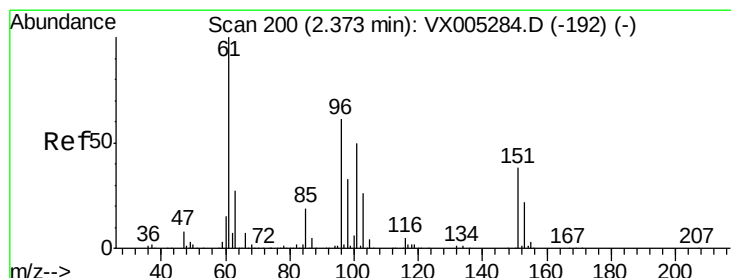
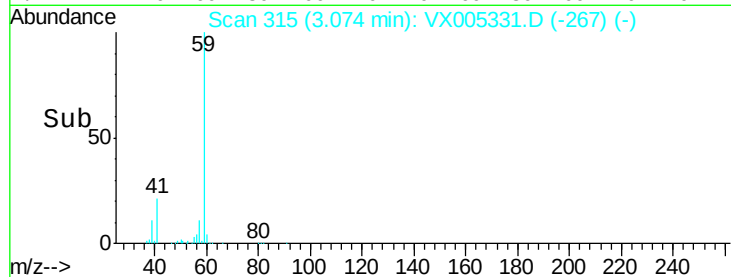
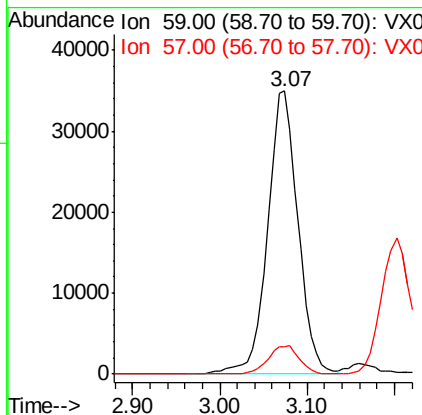
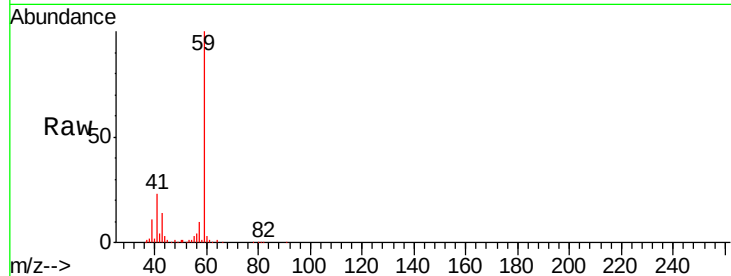
Tert butyl alcohol
Concen: 98.89 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
APPROVED

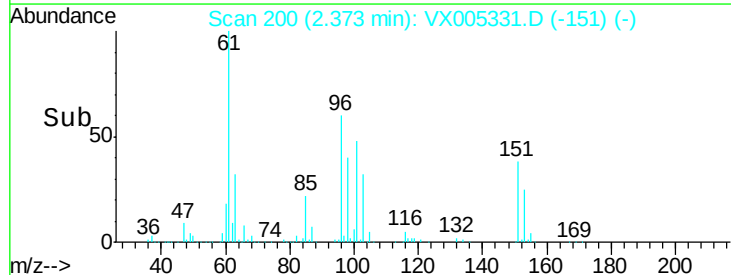
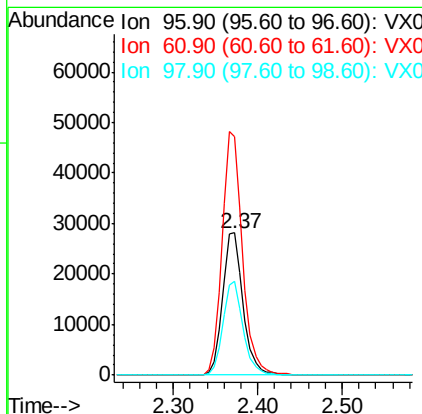
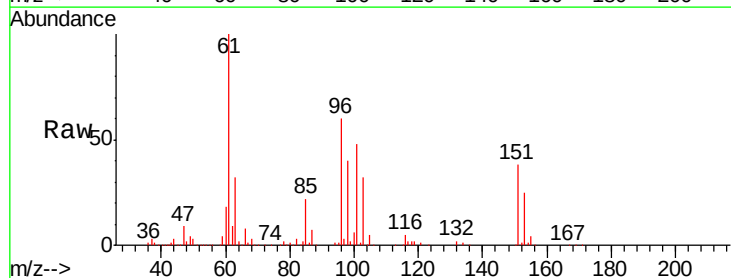
MMDadoda
10/16/2018 2:23:29 PM

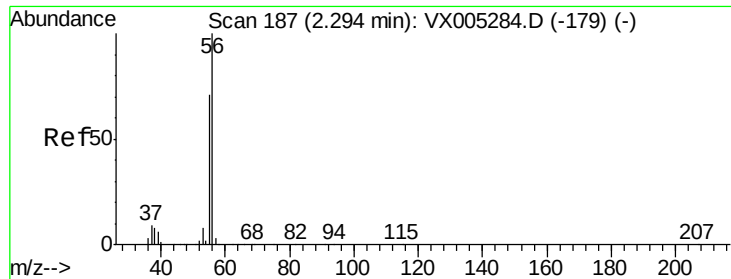


#12

1,1-Dichloroethene
Concen: 19.72 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.5	128.8	193.2
98	66.3	52.2	78.2





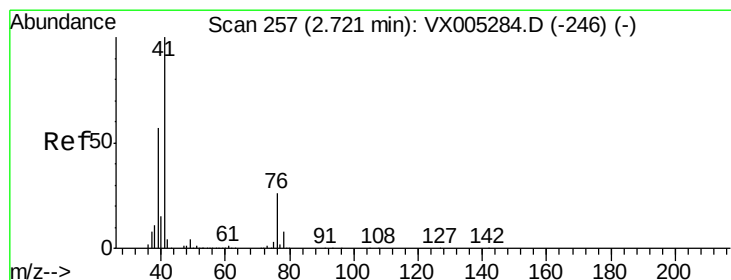
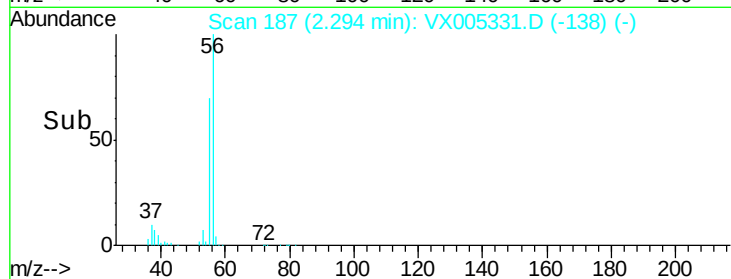
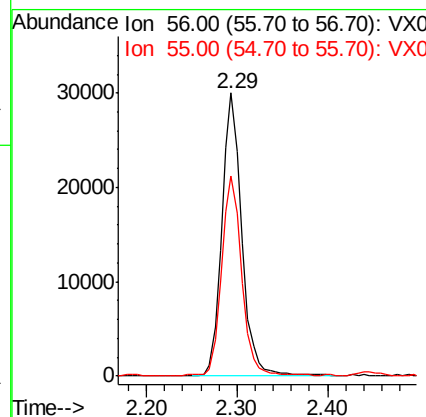
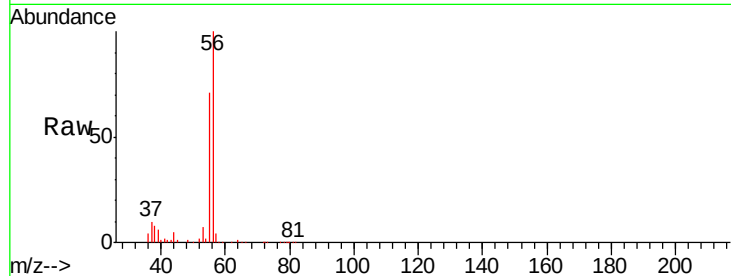
#13
Acrolein
Concen: 82.76 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion: 56 Resp: 46247
Ion Ratio Lower Upper
56 100
55 71.9 54.7 82.1

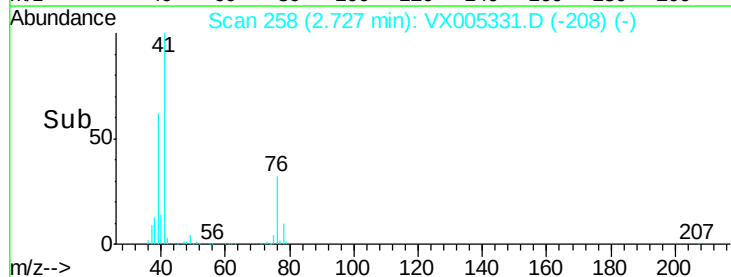
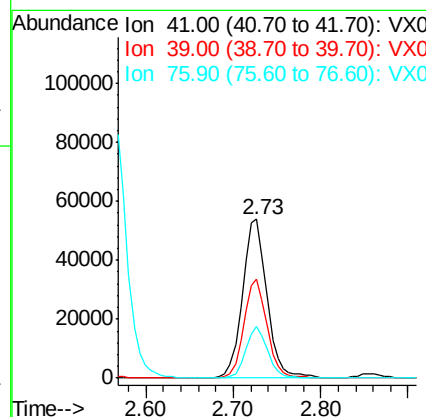
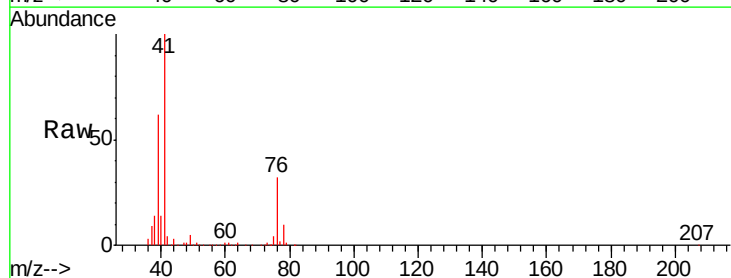
Manual Integrations
APPROVED

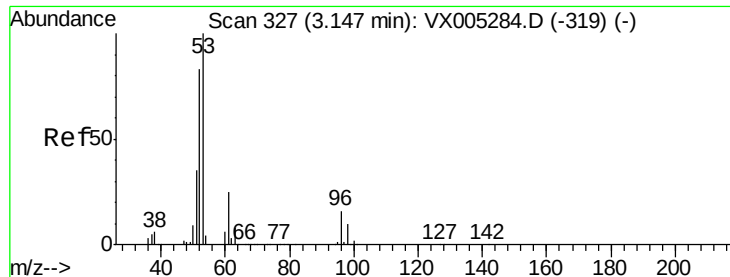
MMDadoda
10/16/2018 2:23:29 PM



#14
Allyl chloride
Concen: 19.80 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 41 Resp: 104668
Ion Ratio Lower Upper
41 100
39 58.6 48.9 73.3
76 29.1 26.7 40.1





#15

Acrylonitrile

Concen: 94.19 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

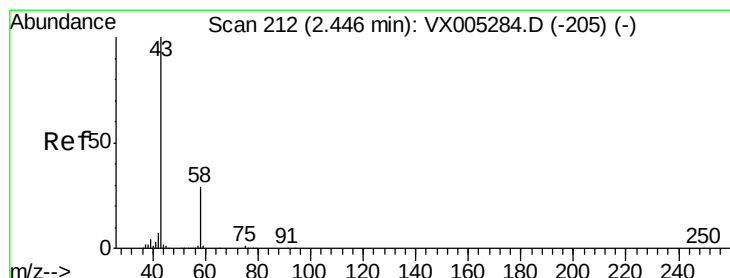
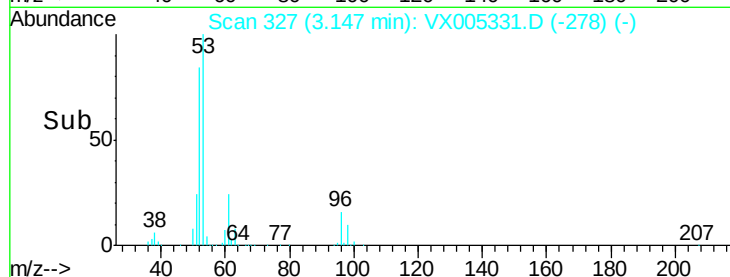
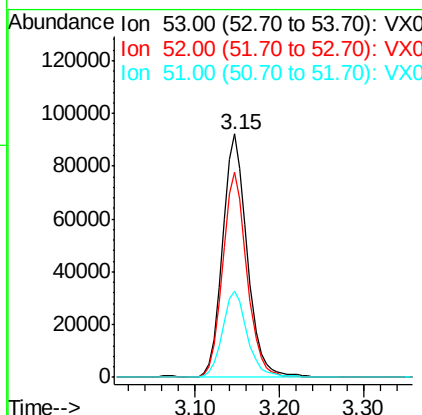
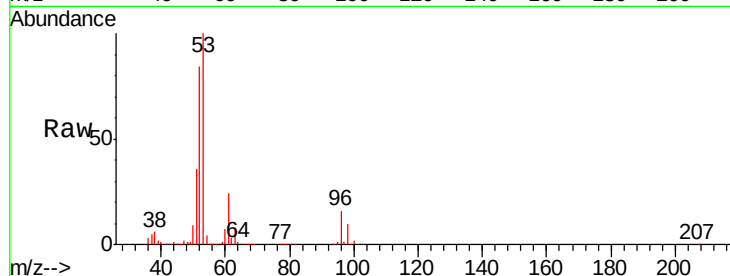
ClientSampleId :

VX1015WBS01

Tgt Ion:	53	Resp:	183716
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.2	97.8
51	36.0	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#16

Acetone

Concen: 94.21 ug/l

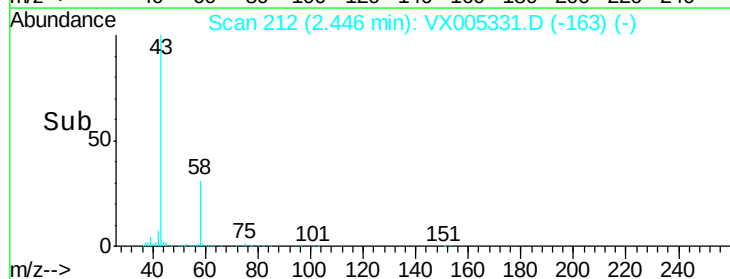
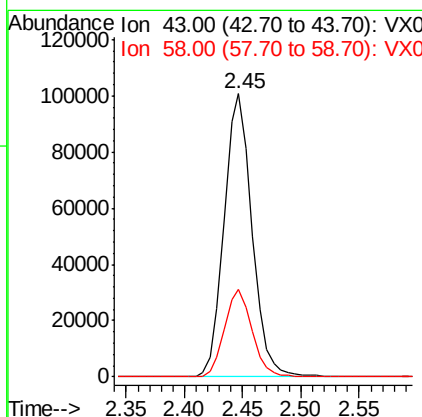
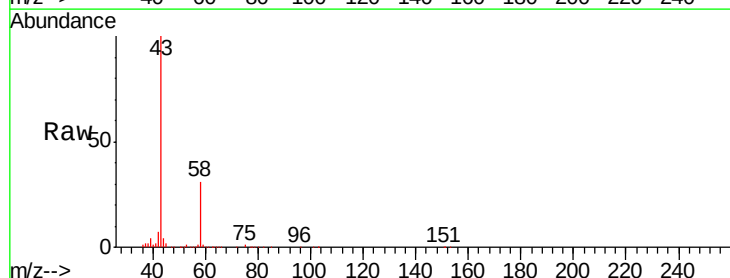
RT: 2.45 min Scan# 212

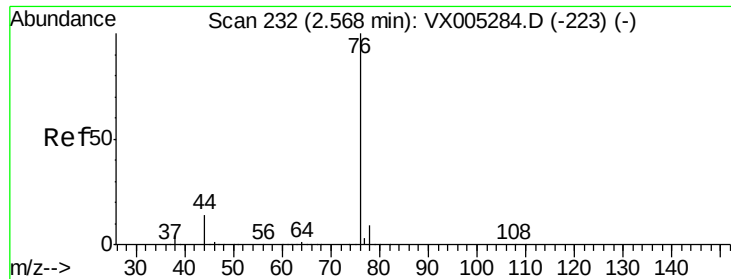
Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion:	43	Resp:	166198
Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.2	39.4





#17

Carbon Disulfide

Concen: 19.11 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 76 Resp: 139400

Ion Ratio Lower Upper

76 100

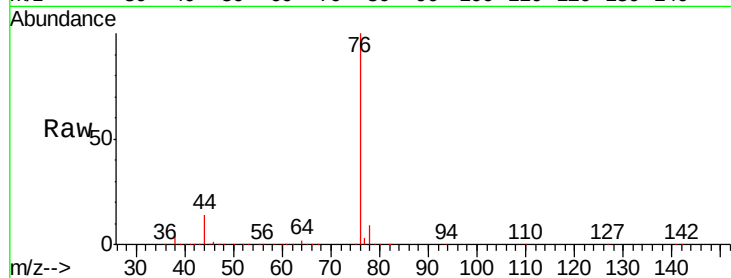
78 9.4 7.0 10.6

Manual Integrations

APPROVED

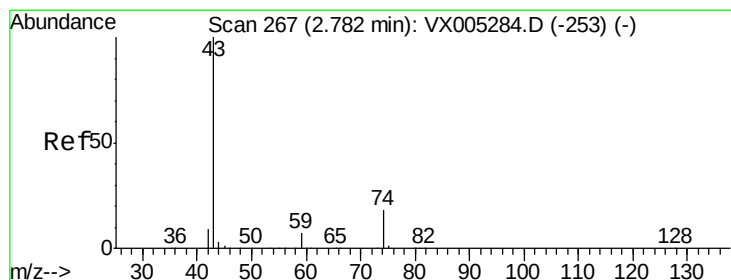
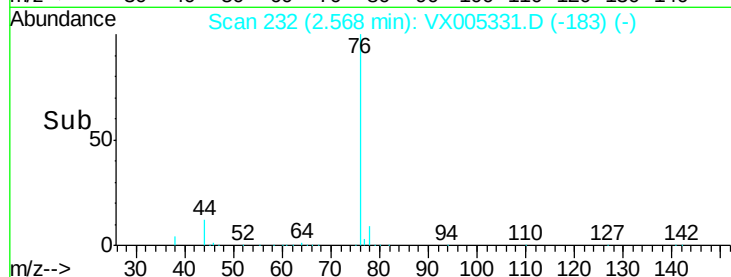
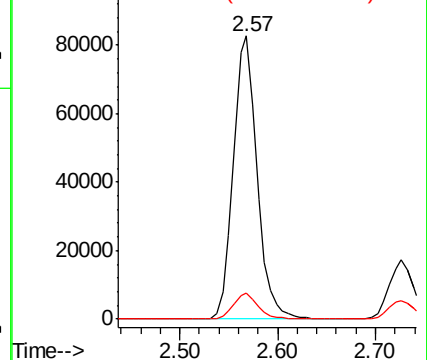
MMDadoda

10/16/2018 2:23:29 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.26 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005331.D

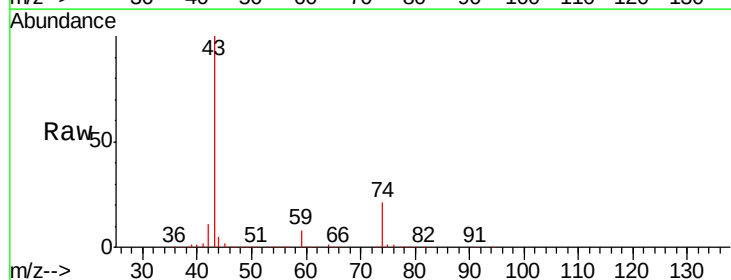
Acq: 15 Oct 2018 09:42

Tgt Ion: 43 Resp: 96670

Ion Ratio Lower Upper

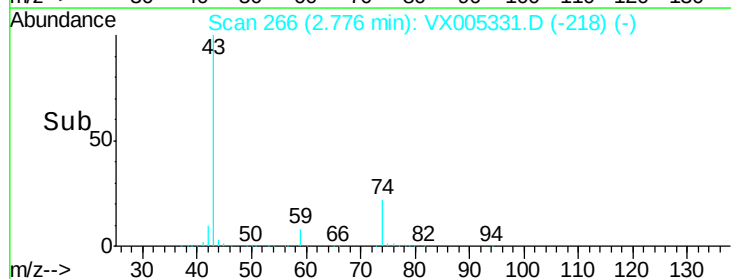
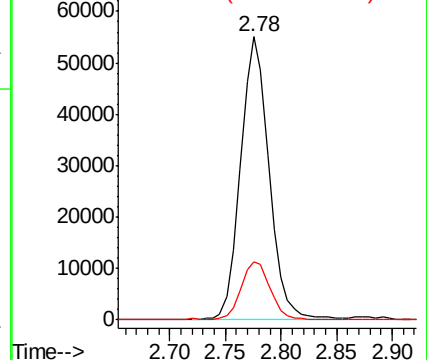
43 100

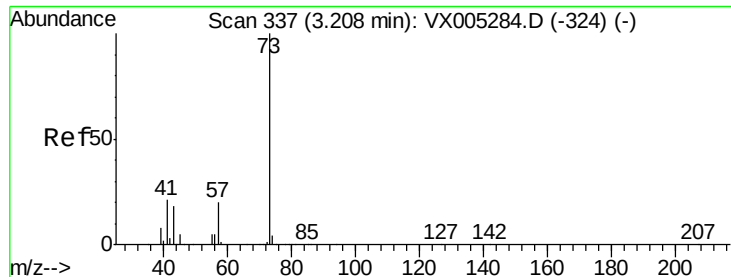
74 21.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





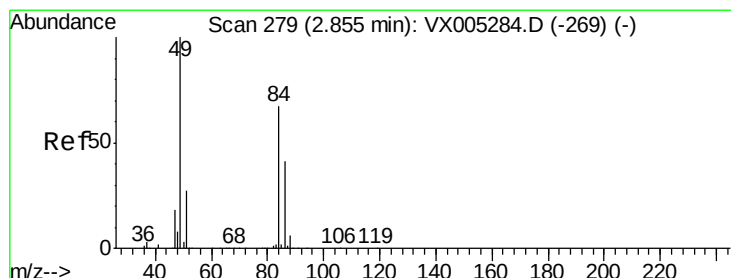
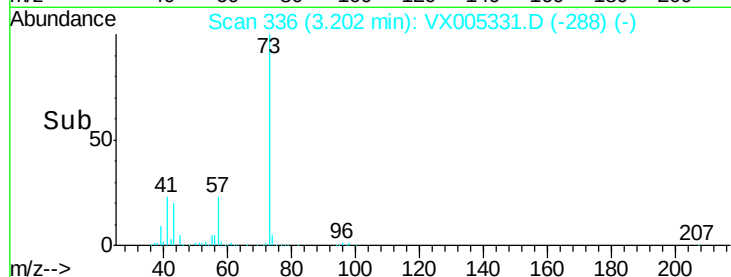
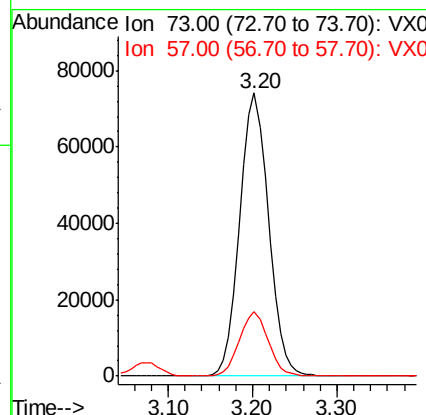
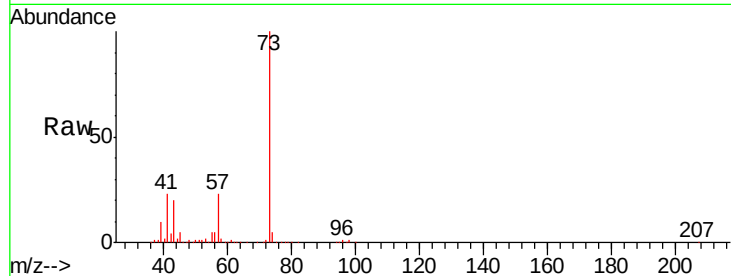
#19
Methyl tert-butyl Ether
Concen: 20.25 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion: 73 Resp: 171730
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7

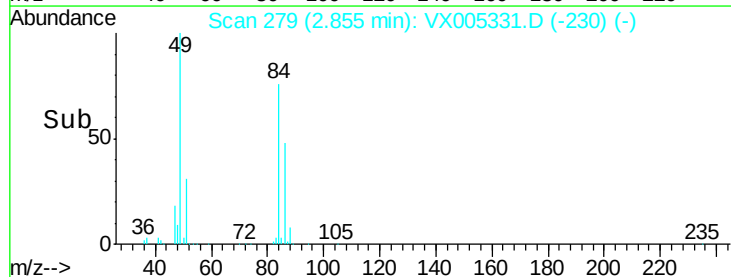
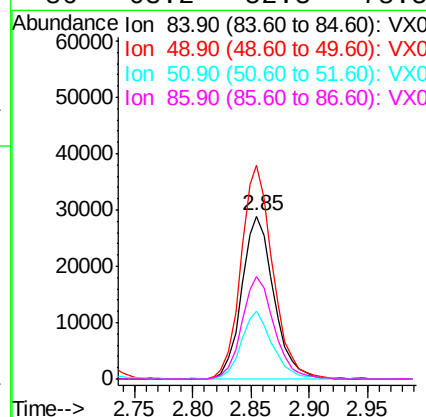
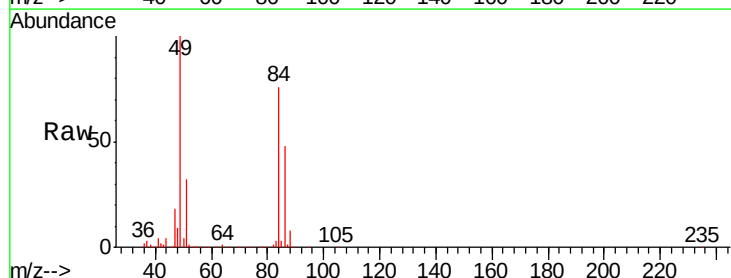
Manual Integrations
APPROVED

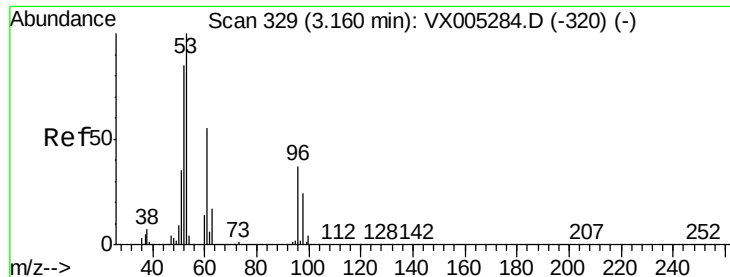
MMDadoda
10/16/2018 2:23:29 PM



#20
Methylene Chloride
Concen: 20.82 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 84 Resp: 55471
Ion Ratio Lower Upper
84 100
49 131.2 101.2 151.8
51 41.0 29.5 44.3
86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.33 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

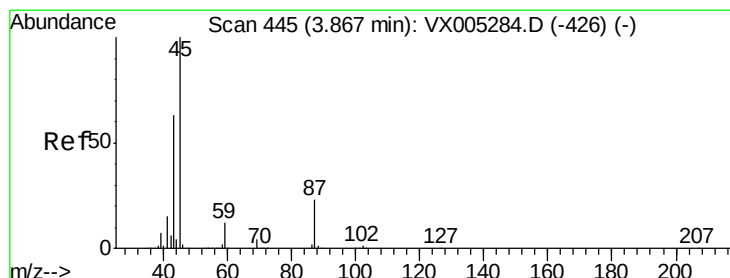
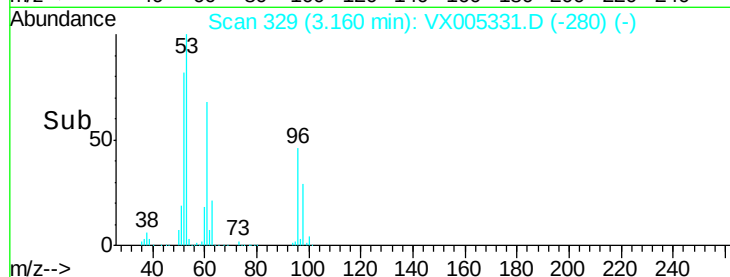
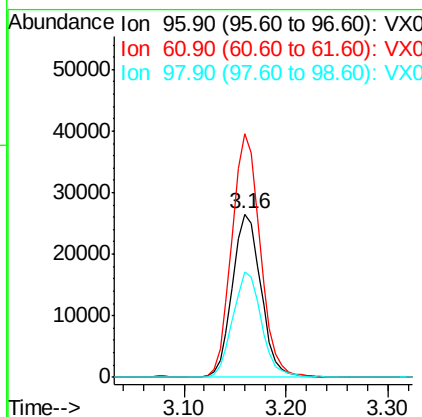
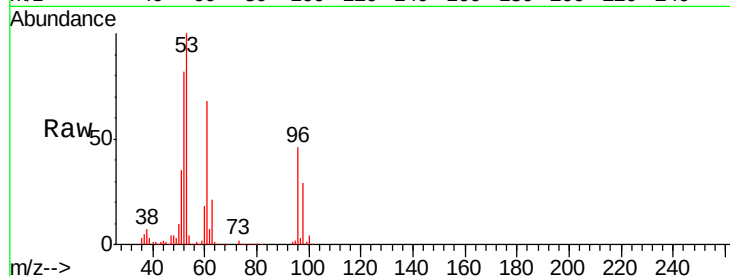
ClientSampleId :

VX1015WBS01

Tgt Ion:	96	Resp:	51587
Ion	Ratio	Lower	Upper
96	100		
61	149.0	113.8	170.6
98	64.5	51.8	77.8

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#22

Diisopropyl ether

Concen: 18.59 ug/l

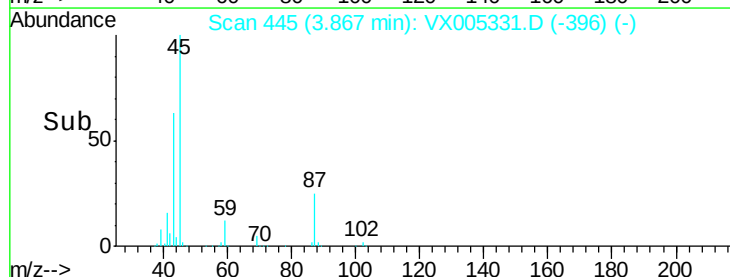
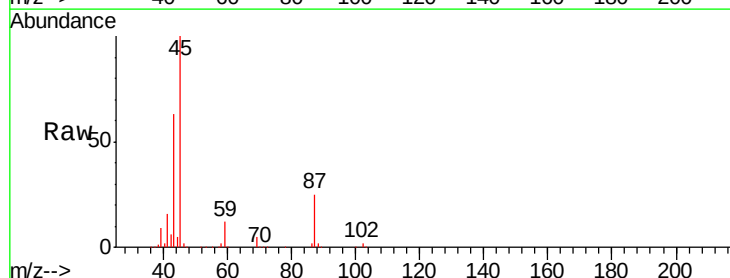
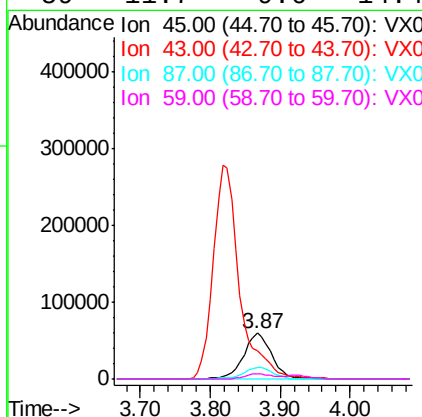
RT: 3.87 min Scan# 445

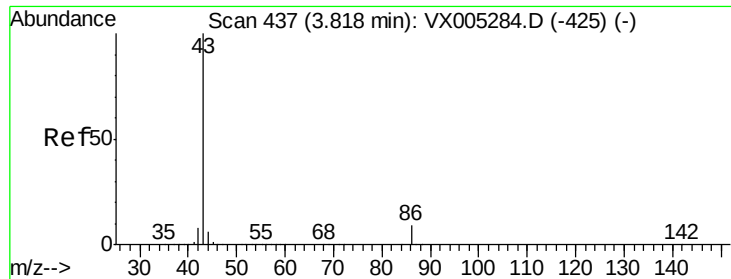
Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion:	45	Resp:	165063
Ion	Ratio	Lower	Upper
45	100		
43	62.2	42.8	64.2
87	25.3	22.6	34.0
59	11.7	9.6	14.4





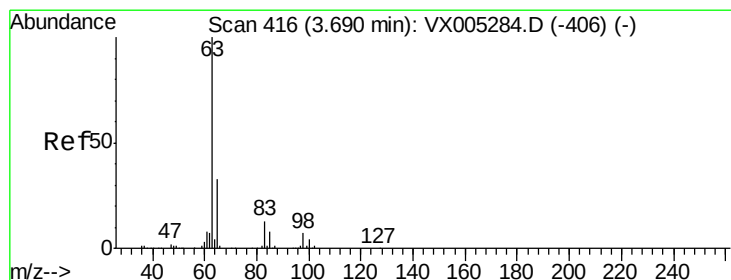
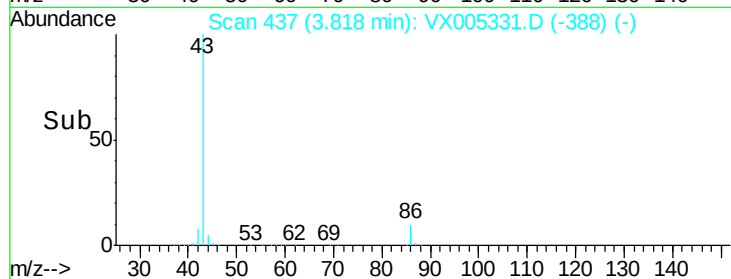
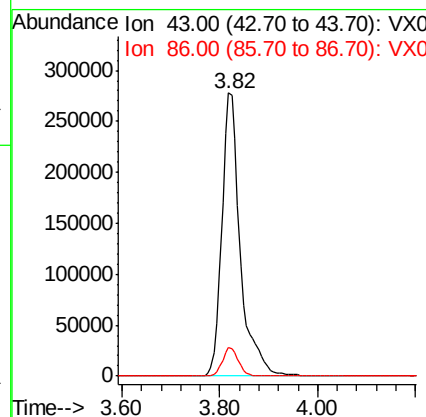
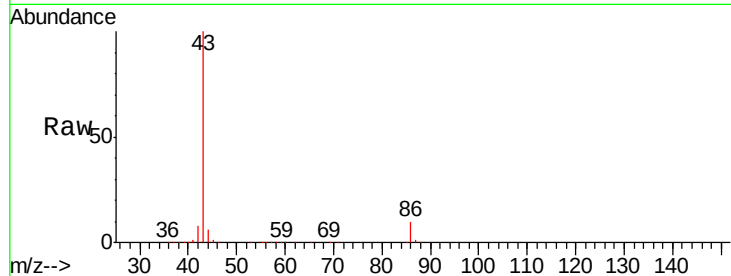
#23
 Vinyl Acetate
 Concen: 93.78 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.9	13.3

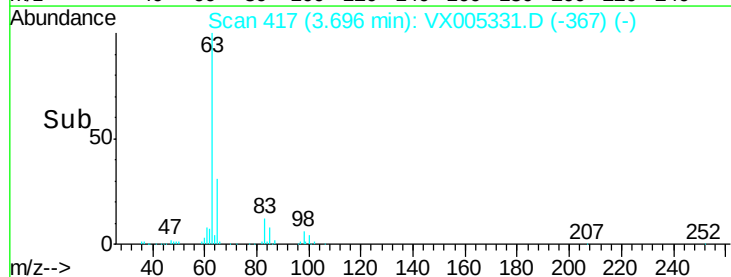
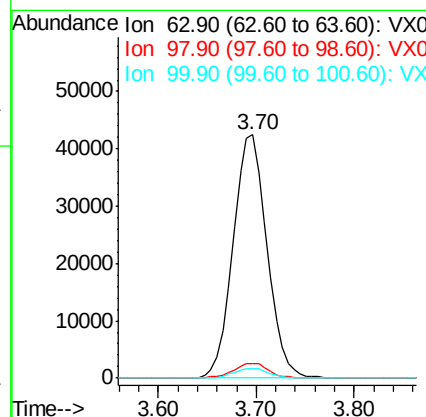
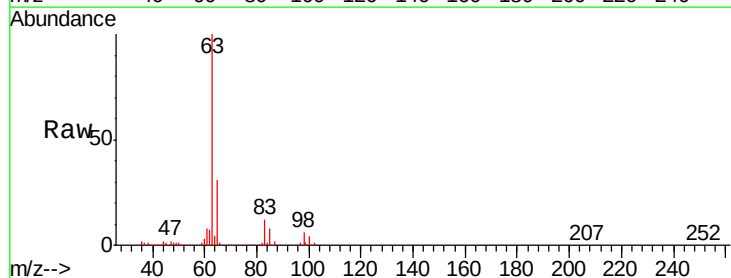
Manual Integrations
 APPROVED

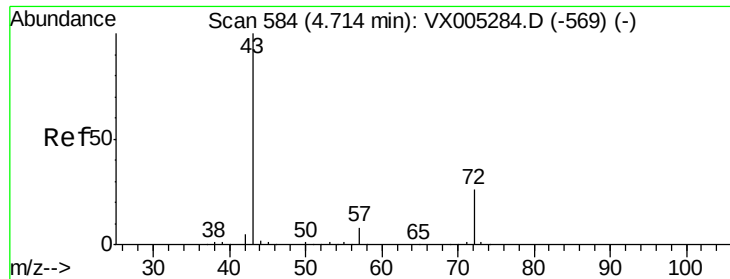
MMDadoda
 10/16/2018 2:23:29 PM



#24
 1,1-Dichloroethane
 Concen: 20.07 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.5	10.4
100	3.7	2.4	7.1





#25

2-Butanone

Concen: 91.06 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 43 Resp: 235046

Ion Ratio Lower Upper

43 100

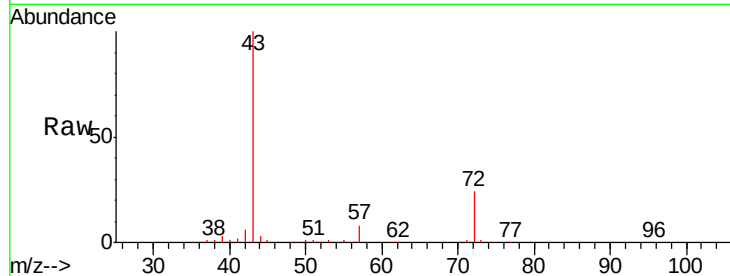
72 24.3 22.0 33.0

Manual Integrations

APPROVED

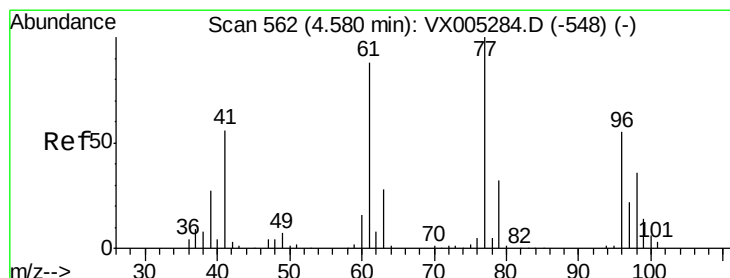
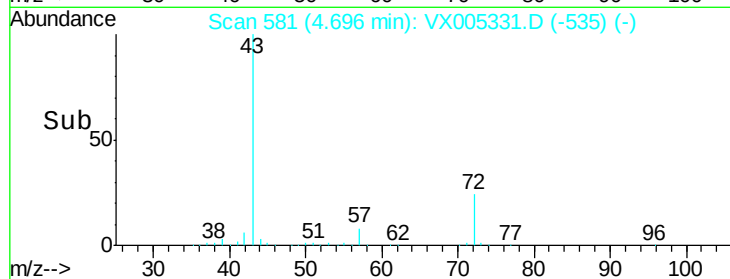
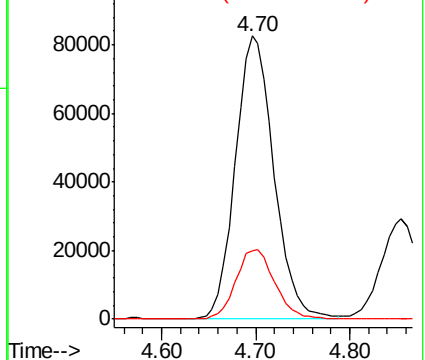
MMDadoda

10/16/2018 2:23:29 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.88 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005331.D

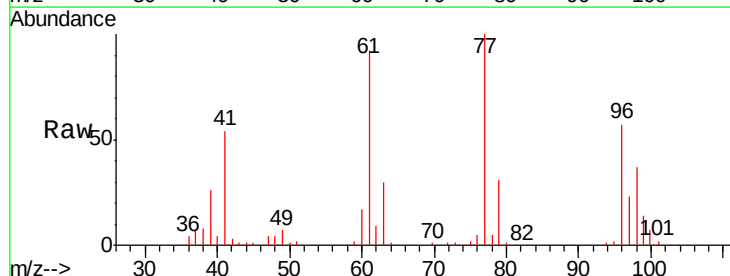
Acq: 15 Oct 2018 09:42

Tgt Ion: 77 Resp: 75670

Ion Ratio Lower Upper

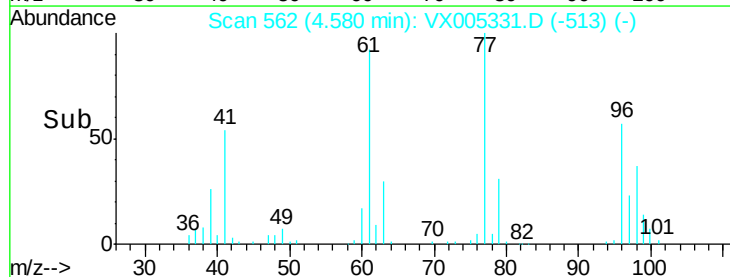
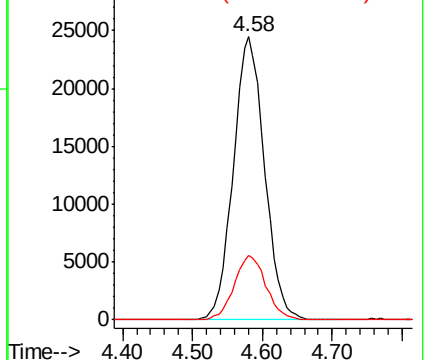
77 100

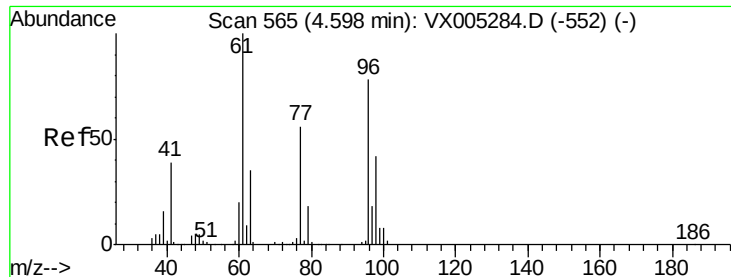
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.57 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

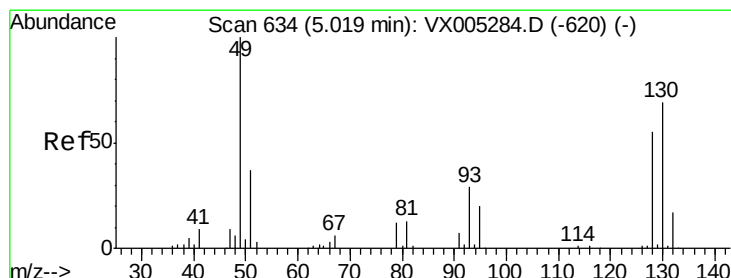
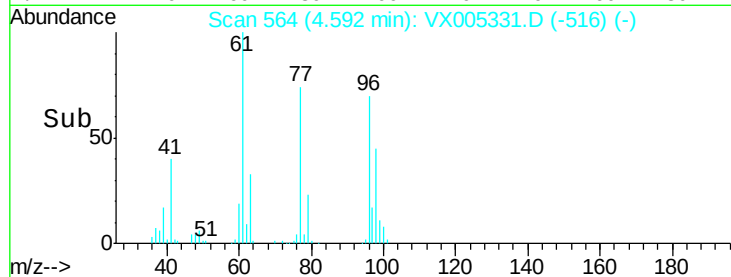
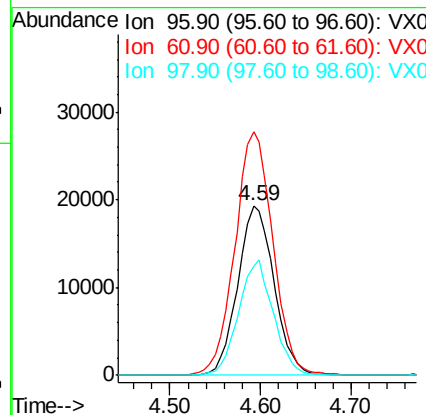
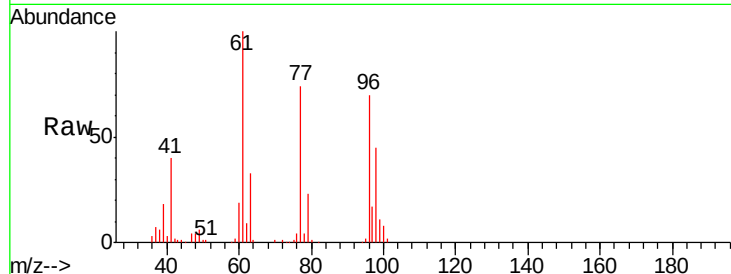
ClientSampleId :

VX1015WBS01

Tgt Ion:	96	Resp:	53865
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	282.6
98	64.9	0.0	130.2

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#28

Bromochloromethane

Concen: 18.41 ug/l

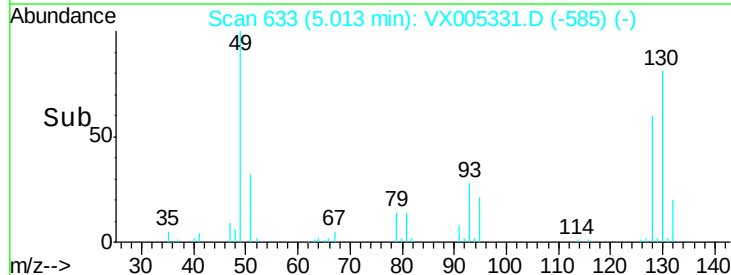
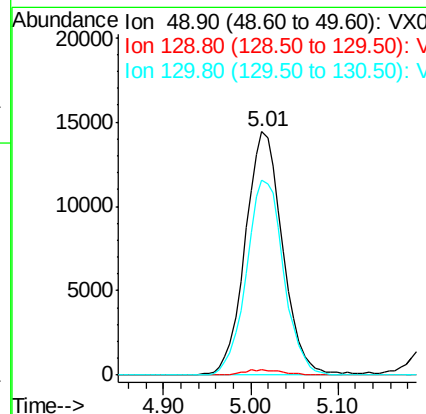
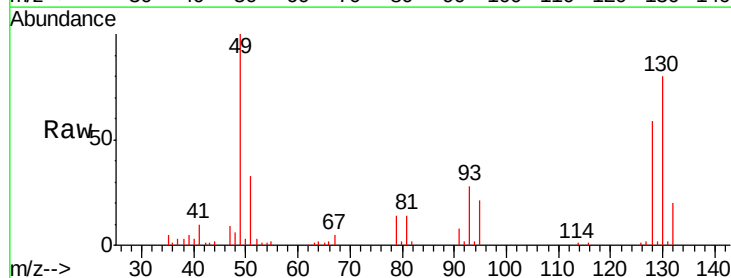
RT: 5.01 min Scan# 633

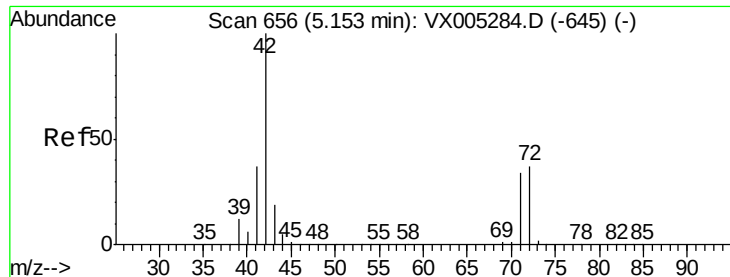
Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion:	49	Resp:	42714
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	79.8	67.5	101.3





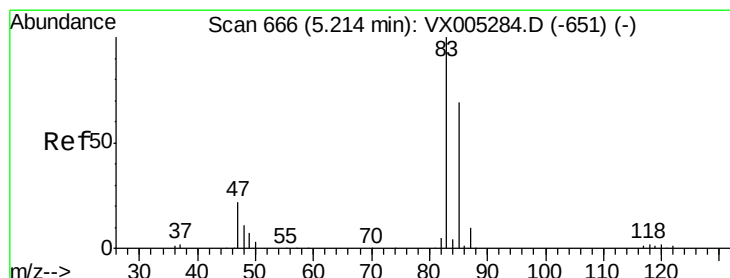
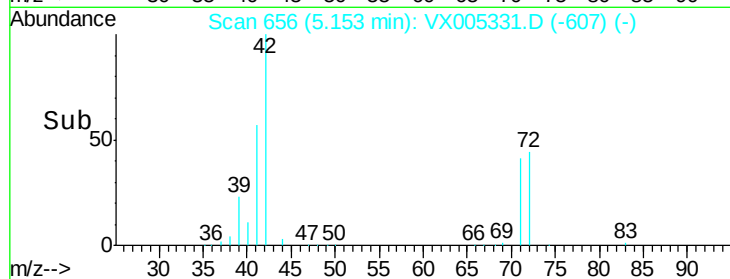
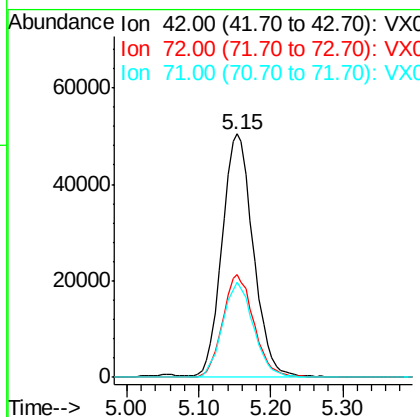
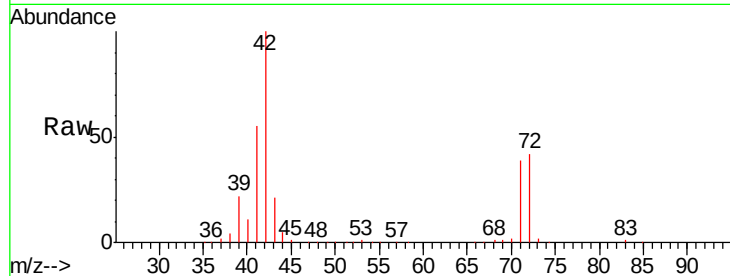
#29
Tetrahydrofuran
Concen: 91.94 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.4	37.4	56.0
71	38.8	34.5	51.7

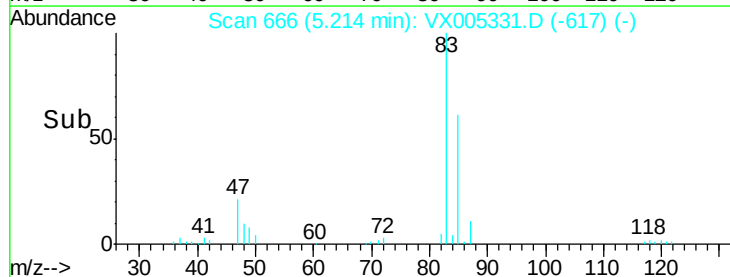
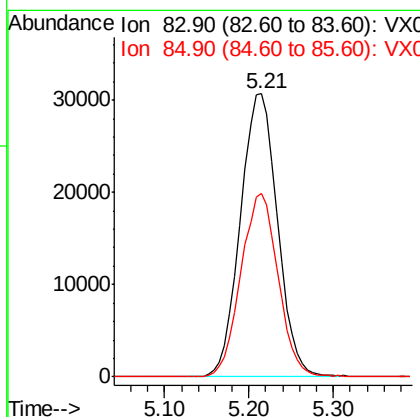
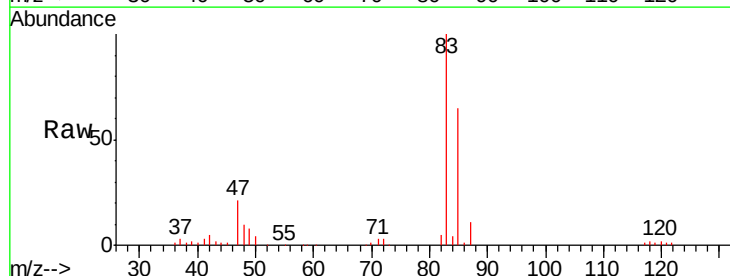
Manual Integrations
APPROVED

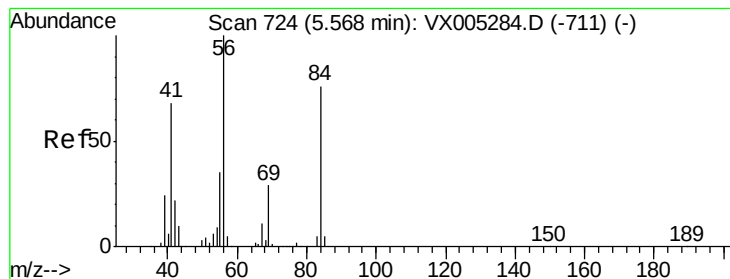
MMDadoda
10/16/2018 2:23:29 PM



#30
Chloroform
Concen: 19.53 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.6	79.0





#31

Cyclohexane

Concen: 19.44 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

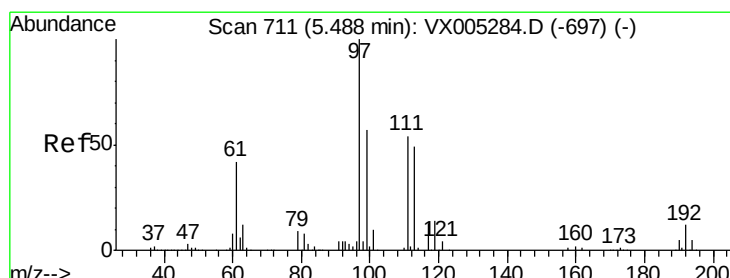
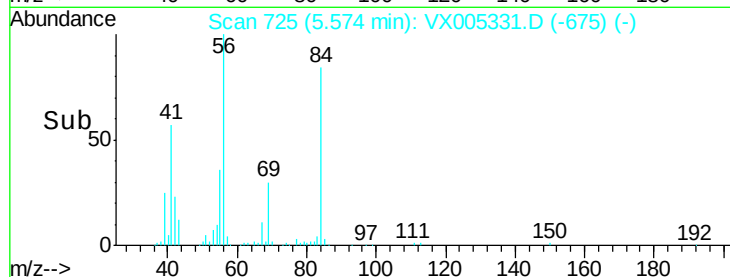
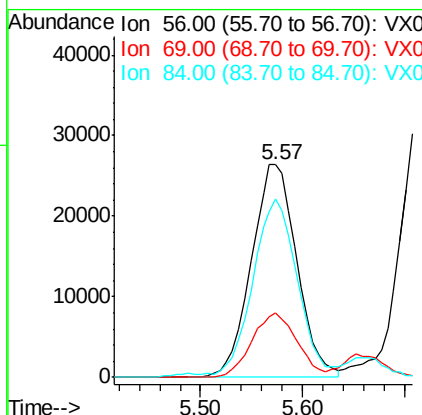
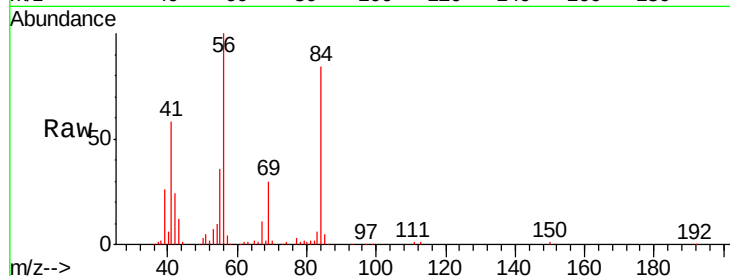
ClientSampleId :

VX1015WBS01

Tgt Ion:	56	Resp:	81543
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.4	38.2
84	82.2	71.4	107.2

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#32

1,1,1-Trichloroethane

Concen: 19.35 ug/l

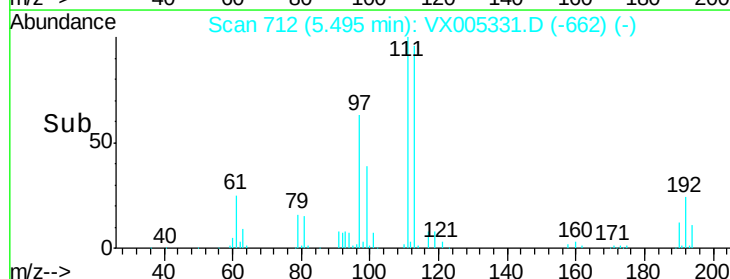
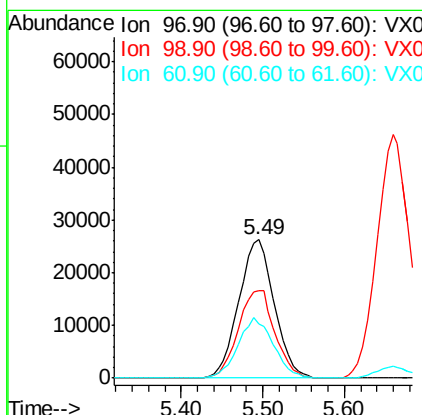
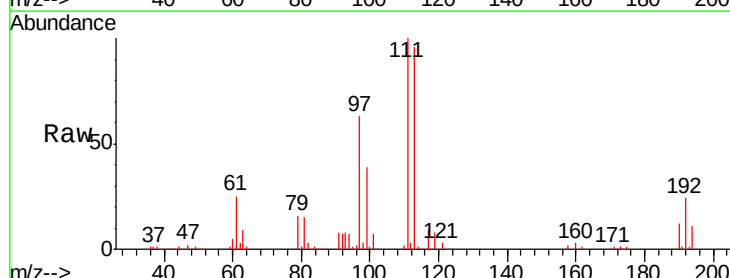
RT: 5.49 min Scan# 712

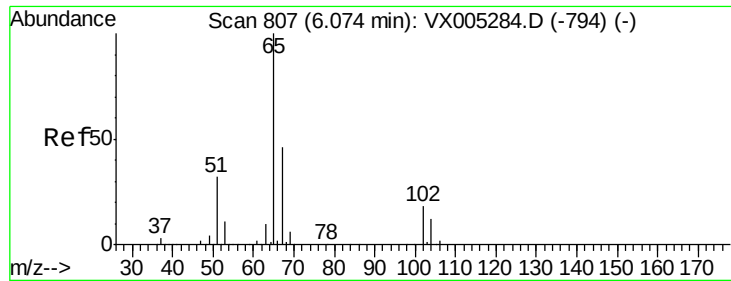
Delta R.T. 0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion:	97	Resp:	79537
Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.0	78.0
61	43.1	34.9	52.3





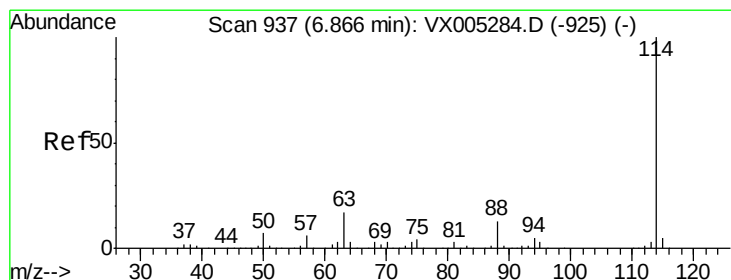
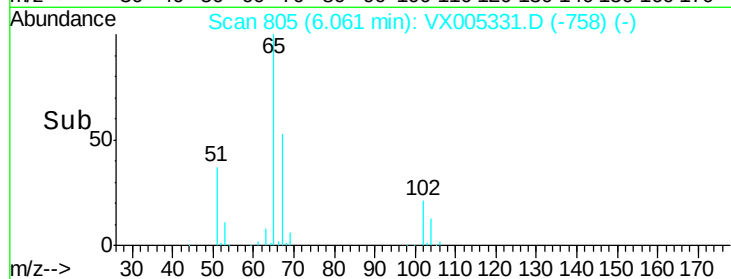
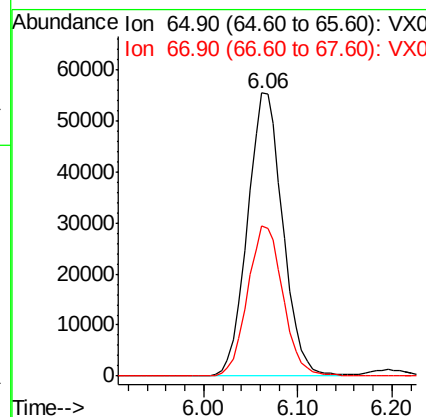
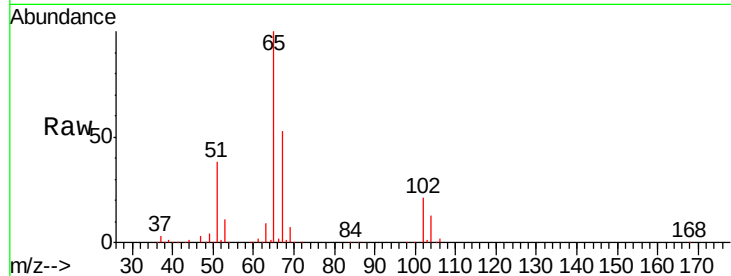
#33
 1,2-Dichloroethane-d4
 Concen: 47.76 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.8

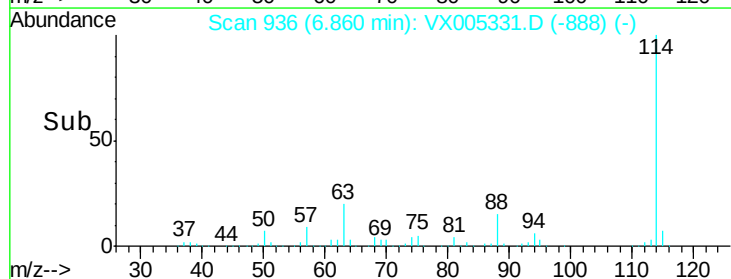
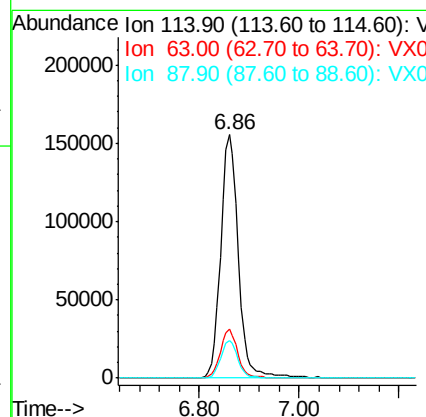
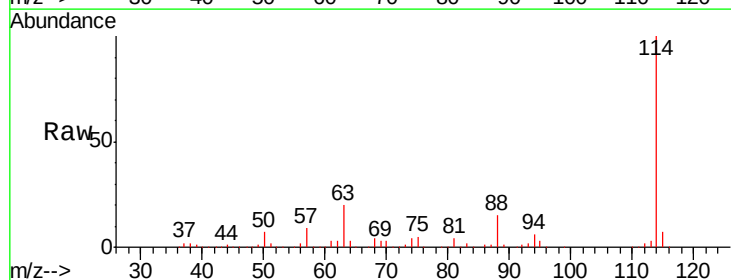
Manual Integrations
 APPROVED

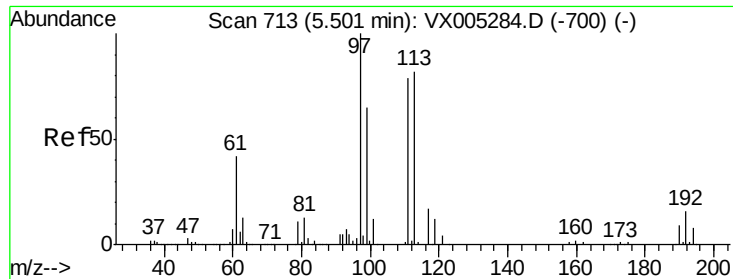
MMDadoda
 10/16/2018 2:23:29 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.4	0.0	30.4





#35

Dibromofluoromethane

Concen: 47.14 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

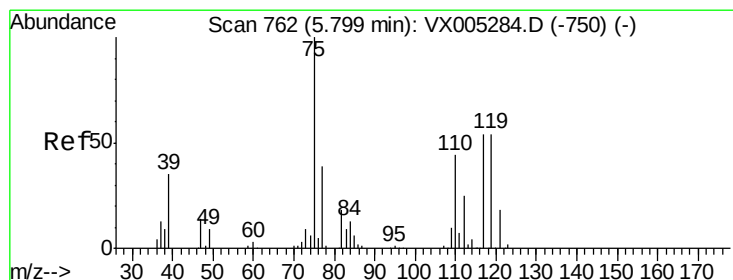
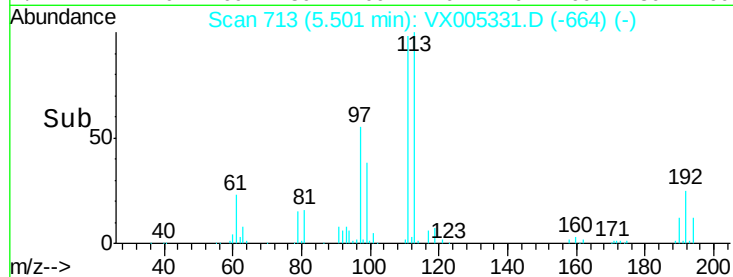
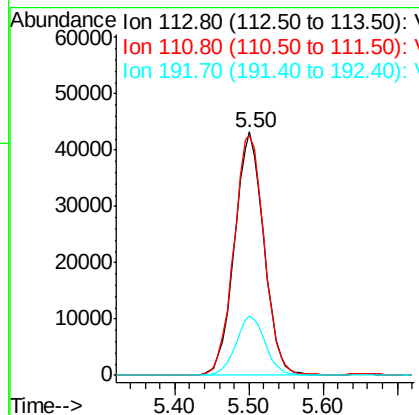
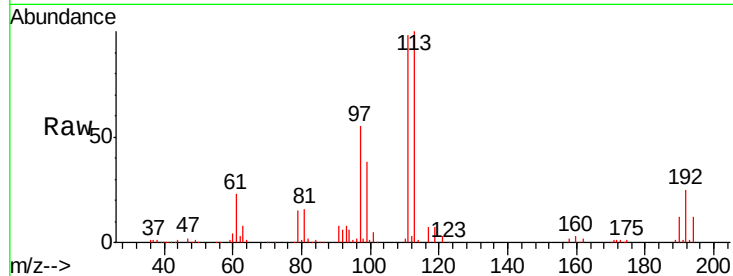
ClientSampleId :

VX1015WBS01

Tgt Ion:	113	Resp:	119385
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.4	123.6
192	24.5	19.4	29.2

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#36

1,1-Dichloropropene

Concen: 18.41 ug/l

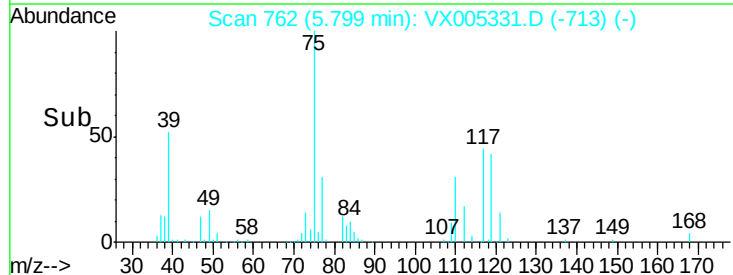
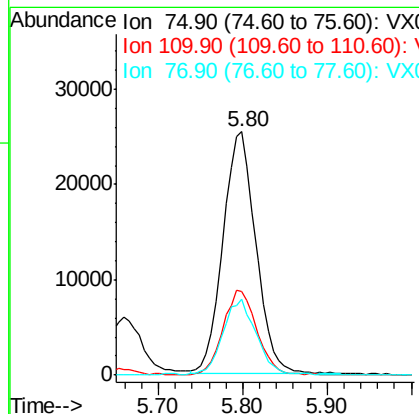
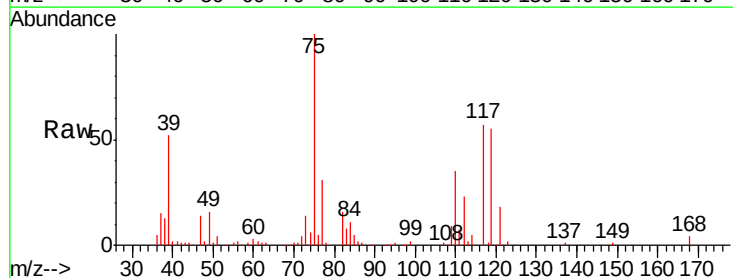
RT: 5.80 min Scan# 762

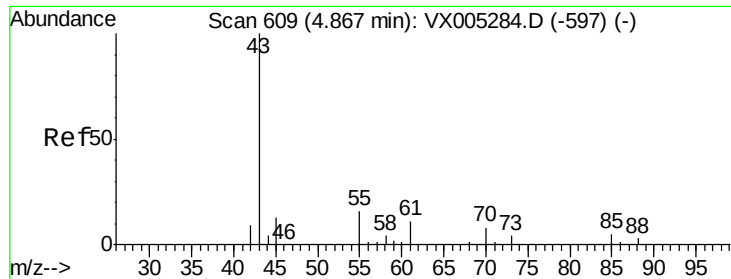
Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion:	75	Resp:	68172
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.0	54.0
77	31.8	24.6	36.8





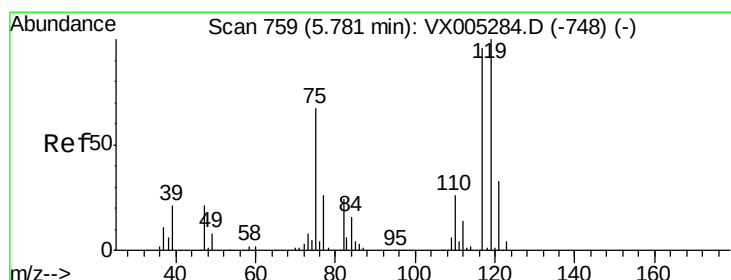
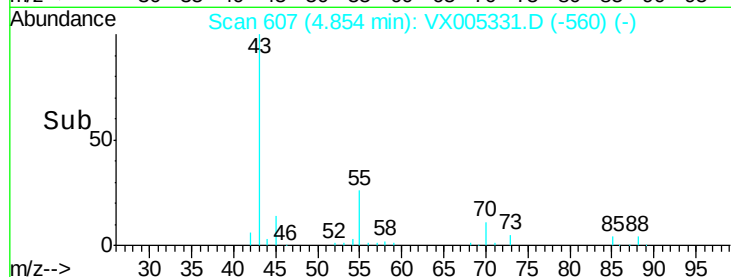
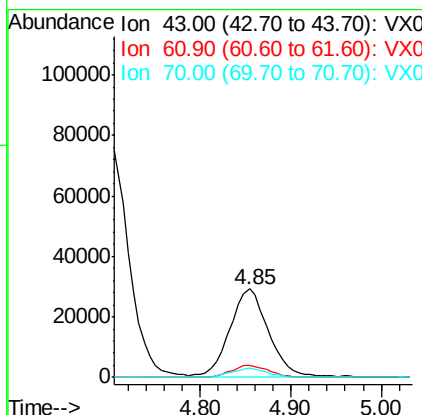
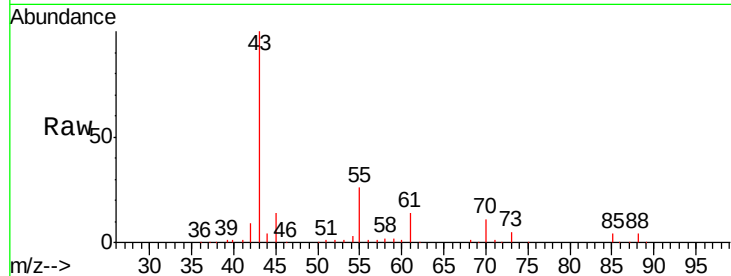
#37
Ethyl Acetate
Concen: 17.77 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	10.3	9.0	13.6

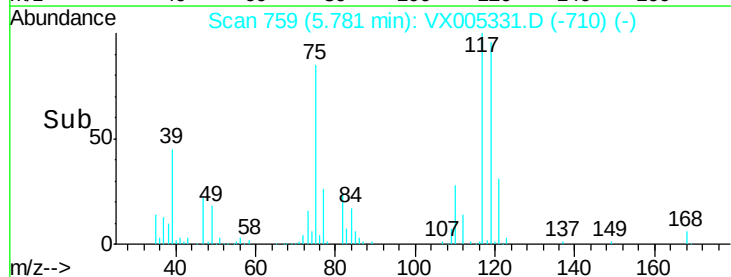
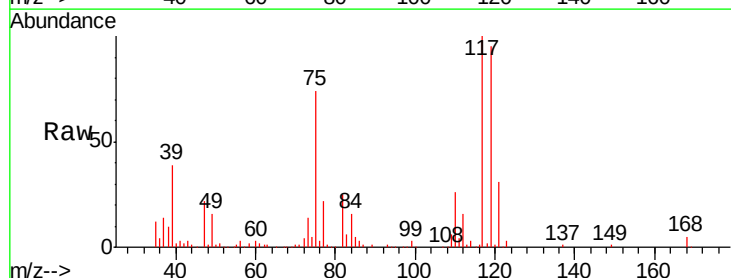
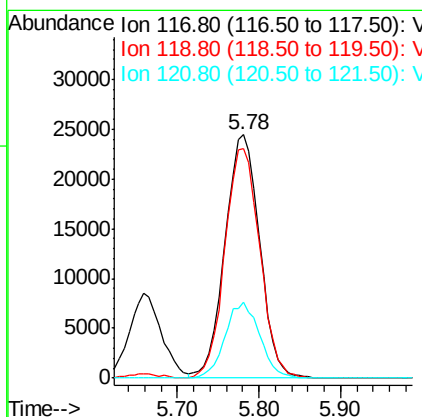
Manual Integrations
APPROVED

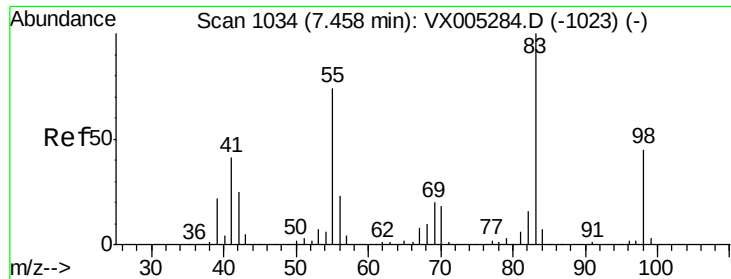
MMDadoda
10/16/2018 2:23:29 PM



#38
Carbon Tetrachloride
Concen: 19.31 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.8	118.2
121	31.0	24.9	37.3





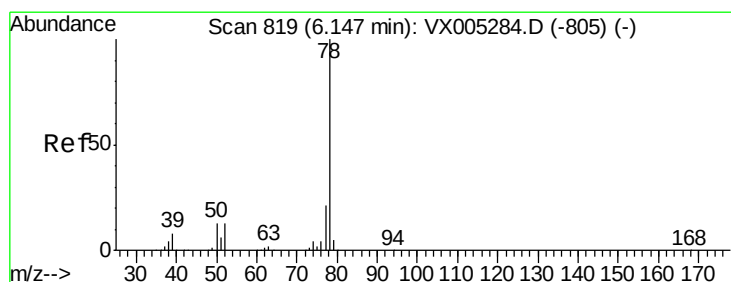
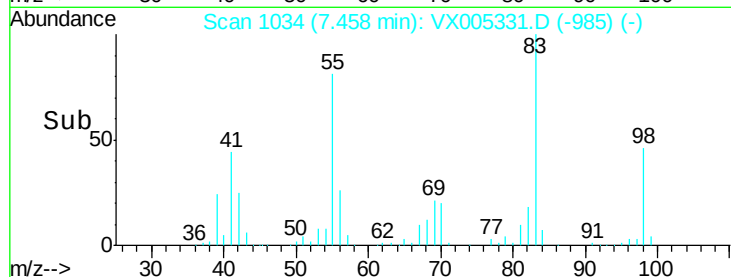
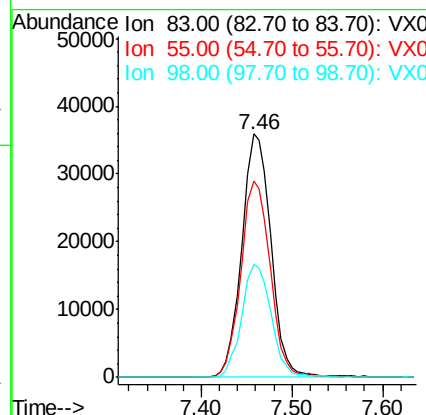
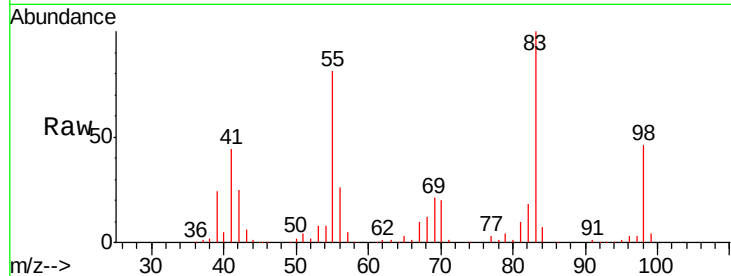
#39
Methylcyclohexane
Concen: 20.06 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.8	61.0	91.4
98	46.5	39.6	59.4

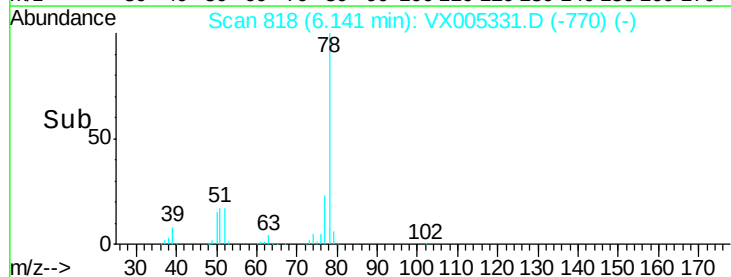
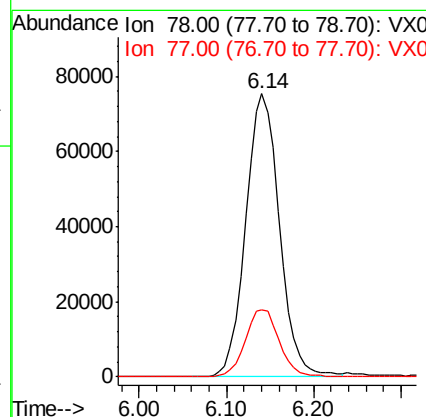
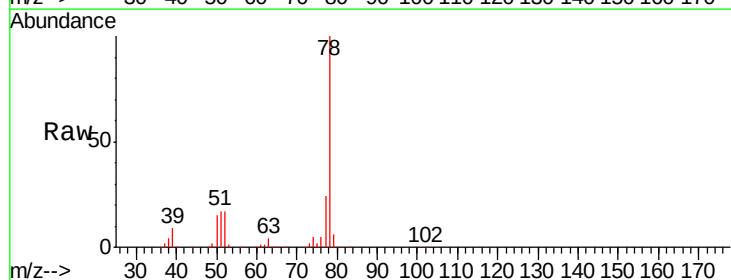
Manual Integrations
APPROVED

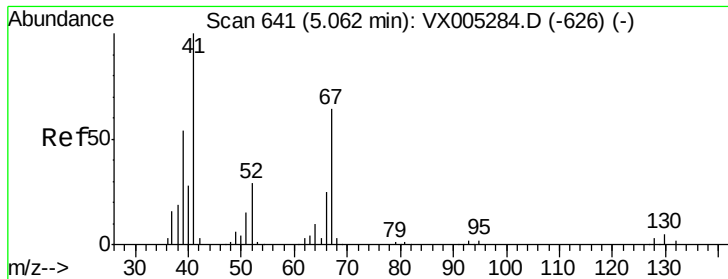
MMDadoda
10/16/2018 2:23:29 PM



#40
Benzene
Concen: 18.17 ug/l
RT: 6.14 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





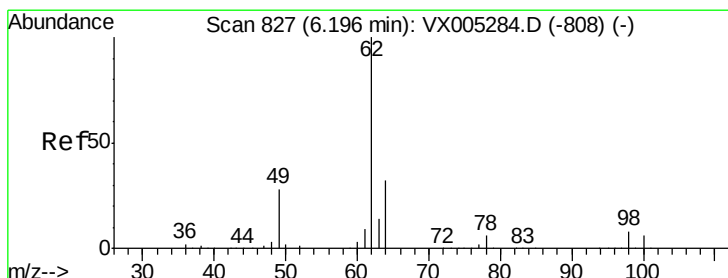
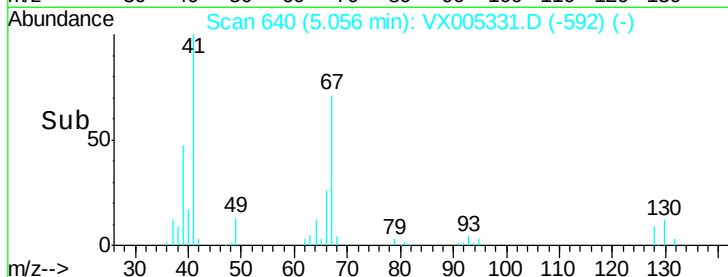
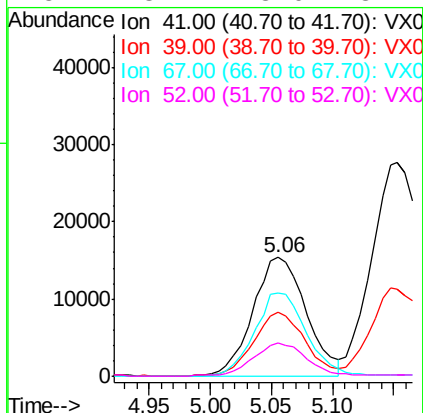
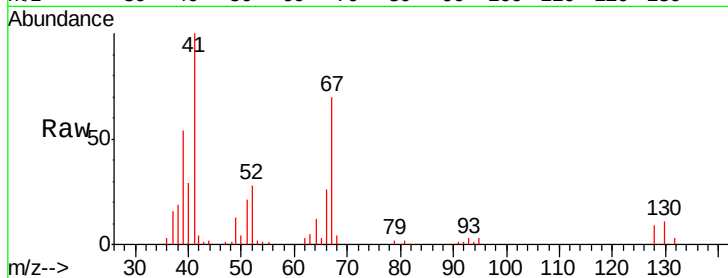
#41
Methacrylonitrile
Concen: 18.34 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.4	63.6	
67	69.2	59.2	88.8	
52	28.4	23.0	34.4	

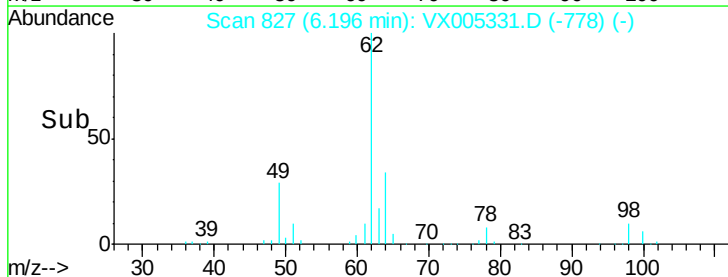
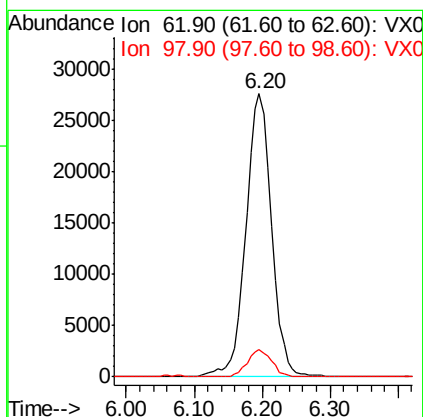
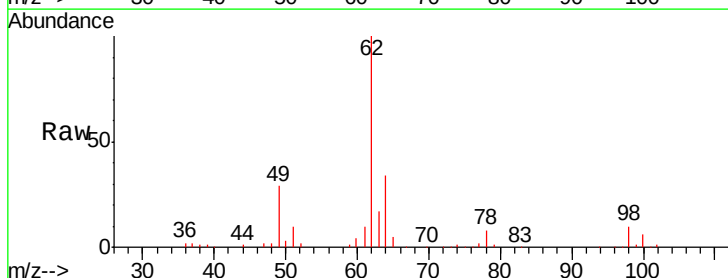
Manual Integrations
APPROVED

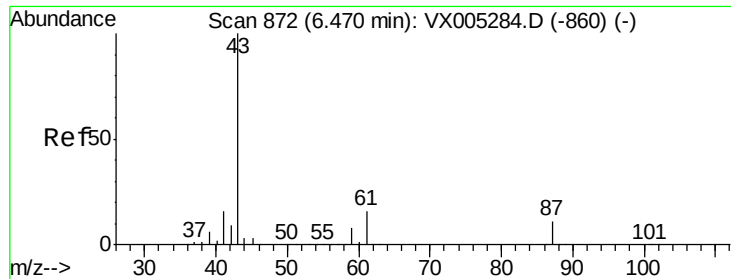
MMDadoda
10/16/2018 2:23:29 PM



#42
1,2-Dichloroethane
Concen: 18.55 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	20.6	





#43

Isopropyl Acetate

Concen: 19.51 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

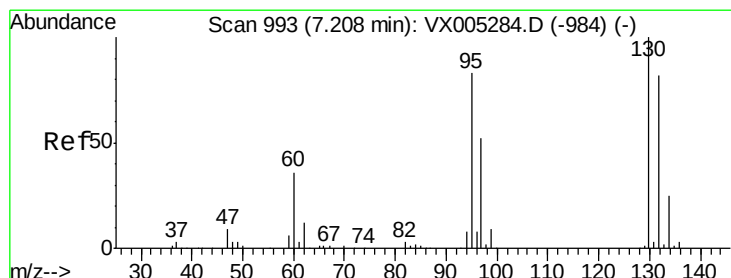
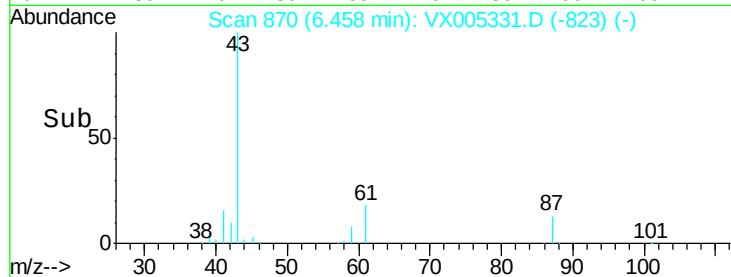
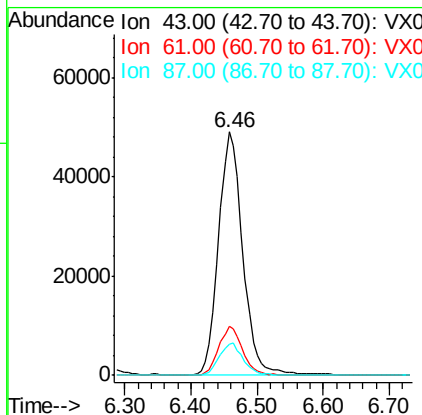
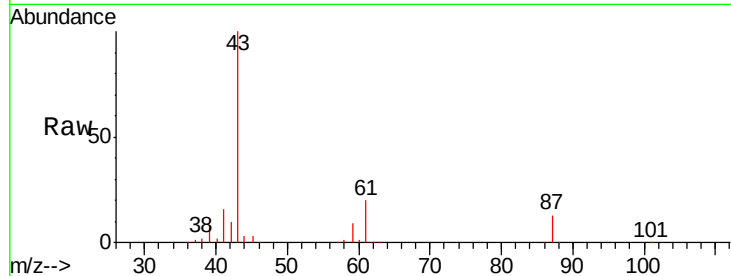
ClientSampleId :

VX1015WBS01

Tgt Ion:	43	Resp:	123770
Ion	Ratio	Lower	Upper
43	100		
61	20.1	17.0	25.4
87	13.3	11.4	17.2

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#44

Trichloroethene

Concen: 19.59 ug/l

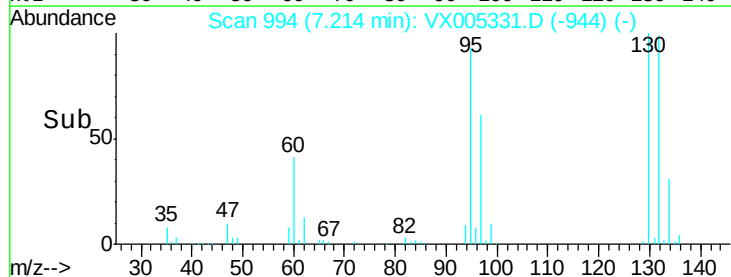
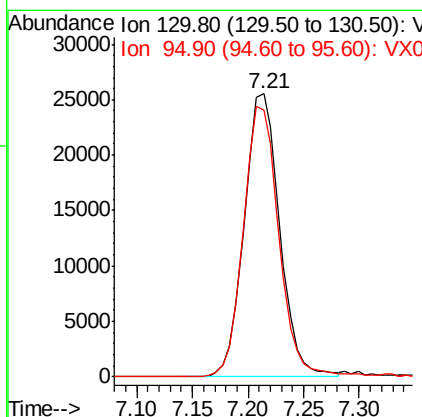
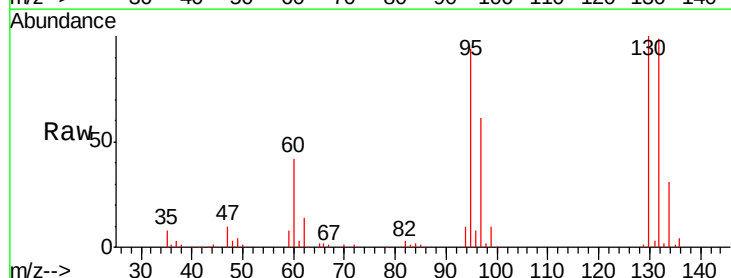
RT: 7.21 min Scan# 994

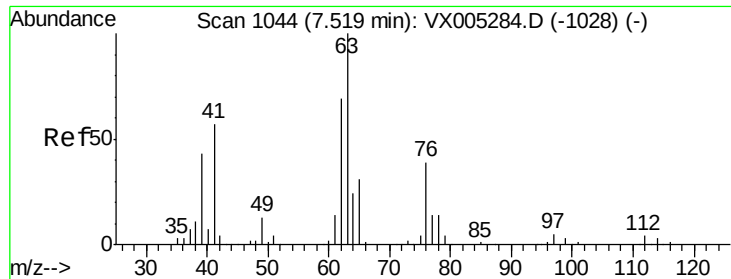
Delta R.T. 0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion:	130	Resp:	56655
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	181.6





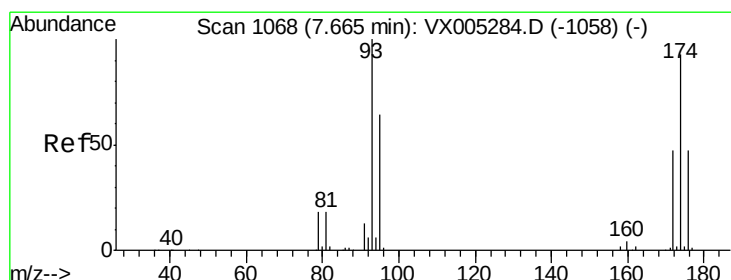
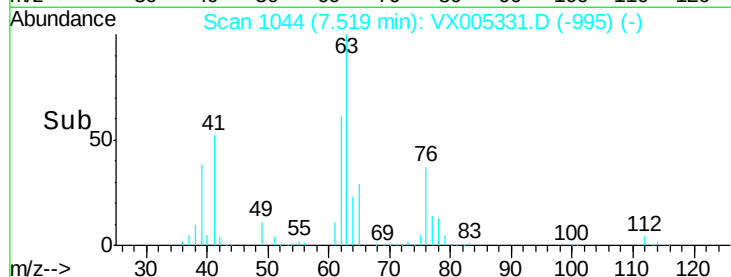
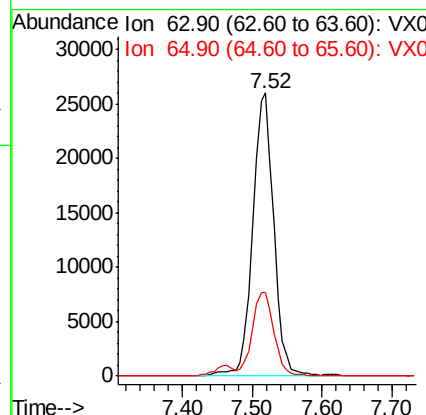
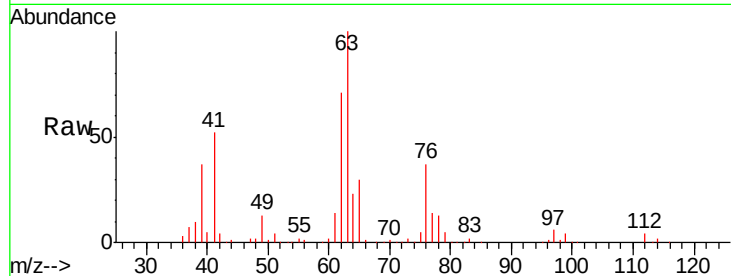
#45
 1,2-Dichloropropane
 Concen: 20.04 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion: 63 Resp: 54601
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.3 36.5

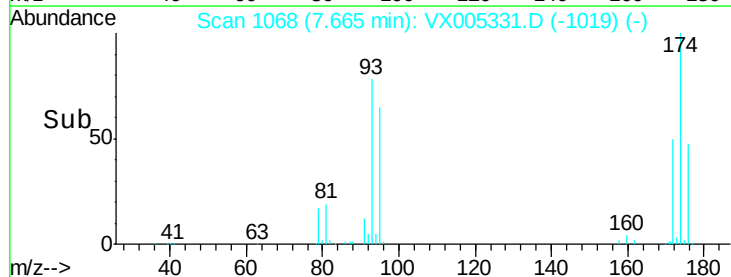
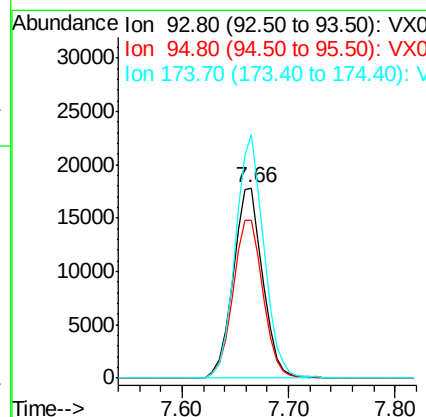
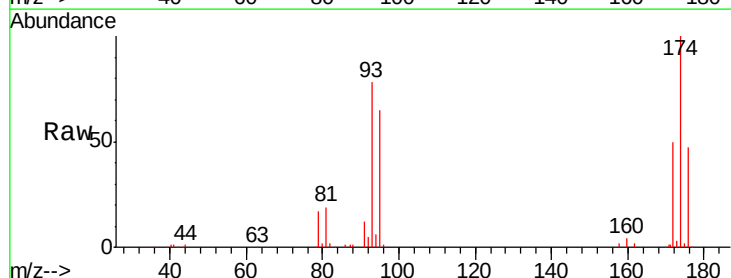
Manual Integrations
 APPROVED

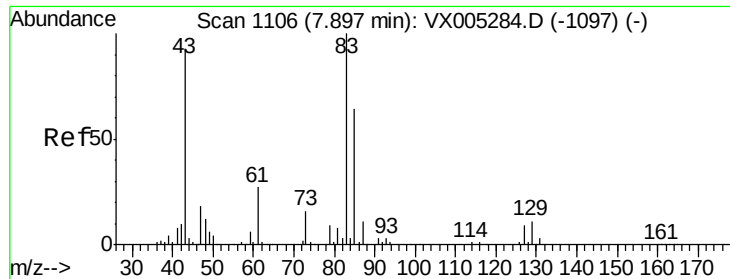
MMDadoda
 10/16/2018 2:23:29 PM



#46
 Dibromomethane
 Concen: 19.30 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion: 93 Resp: 34712
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.5 98.3
 174 123.2 94.2 141.4





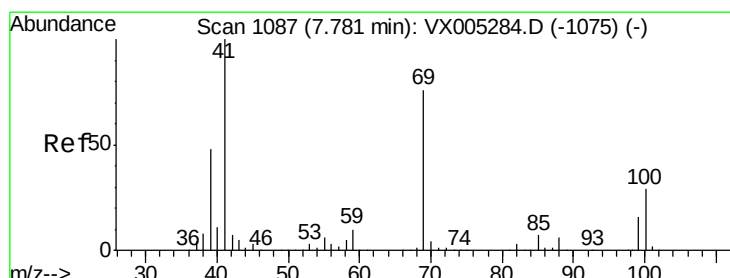
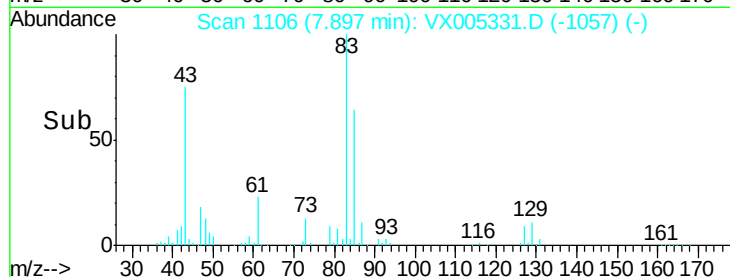
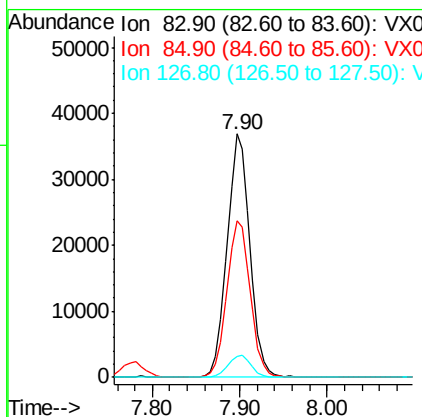
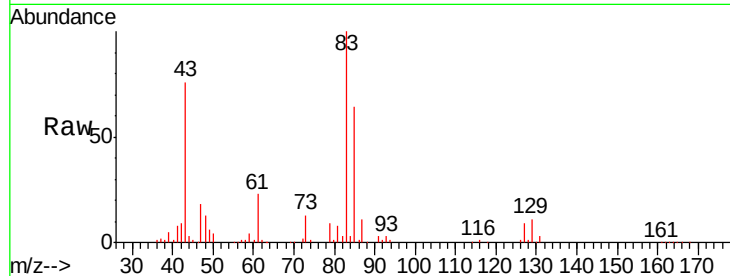
#47
 Bromodichloromethane
 Concen: 20.08 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3
127	8.6	7.3	10.9

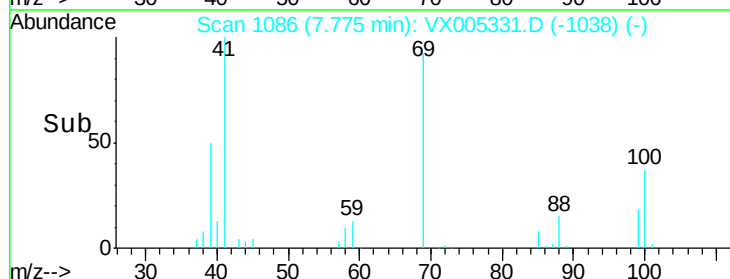
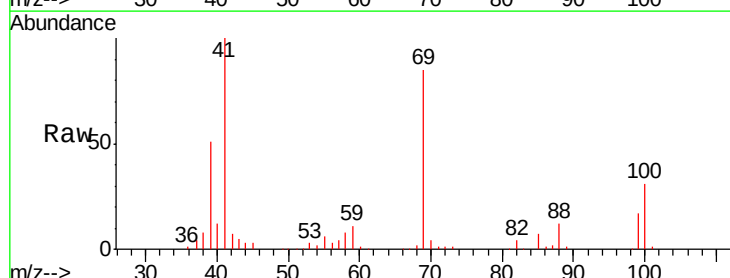
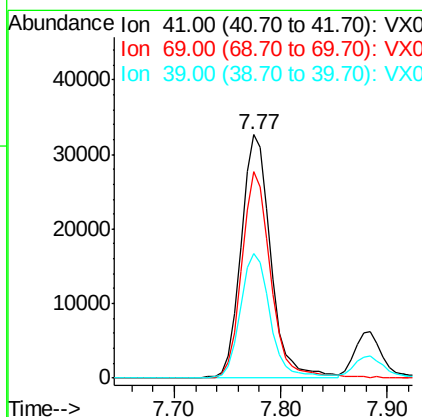
Manual Integrations
 APPROVED

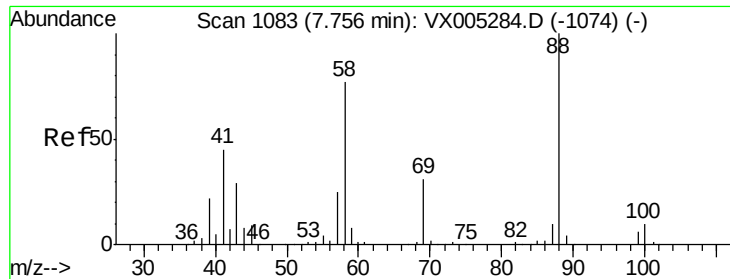
MMDadoda
 10/16/2018 2:23:29 PM



#48
 Methyl methacrylate
 Concen: 19.48 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.5	70.2	105.4
39	51.2	42.7	64.1





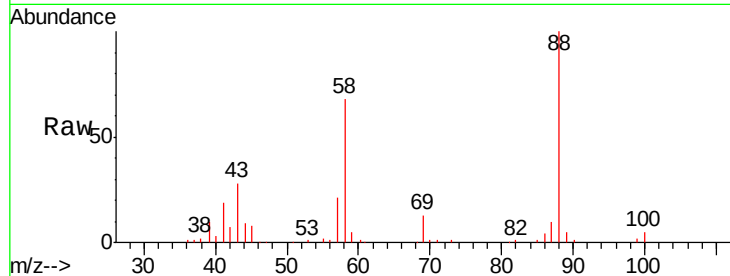
#49
1,4-Dioxane
Concen: 403.94 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

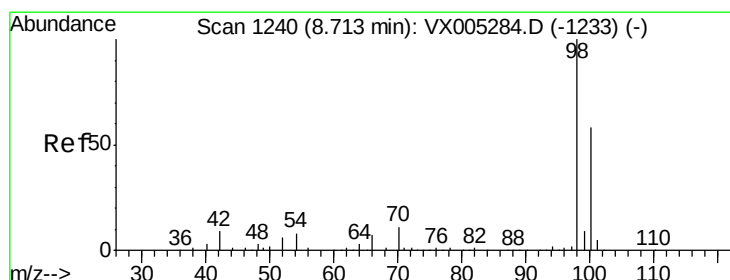
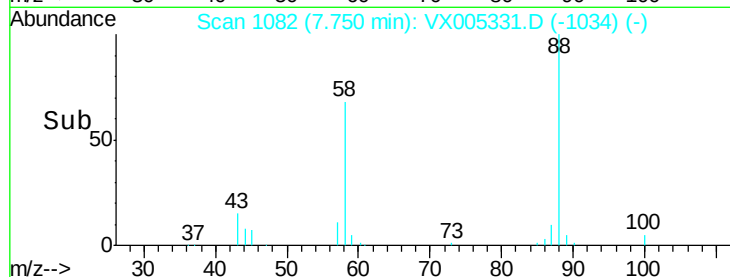
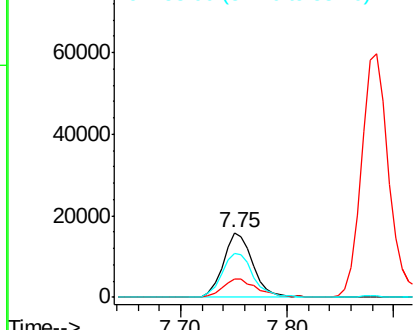
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.7	37.1
58	72.0	55.3	82.9

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM

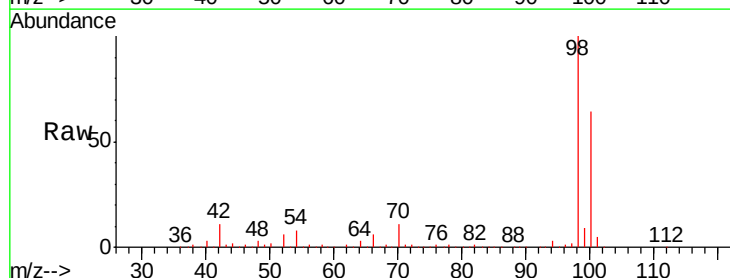


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

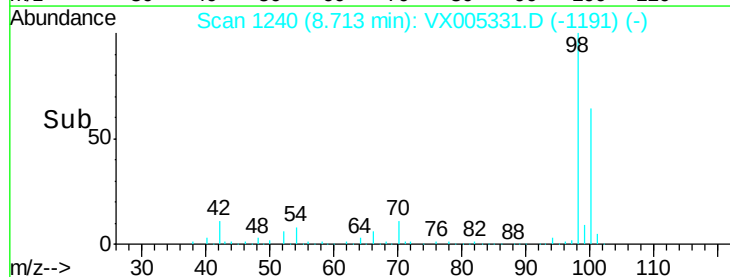
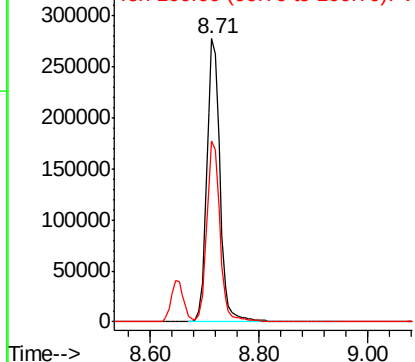


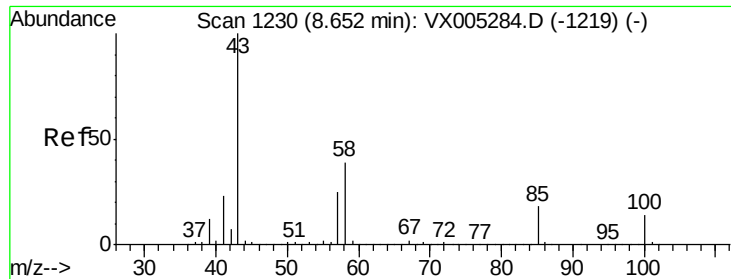
#50
Toluene-d8
Concen: 53.03 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3



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: 100.36 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 43 Resp: 440875

Ion Ratio Lower Upper

43 100

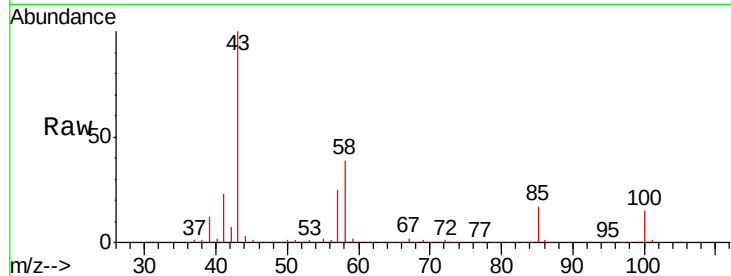
58 38.2 33.1 49.7

Manual Integrations

APPROVED

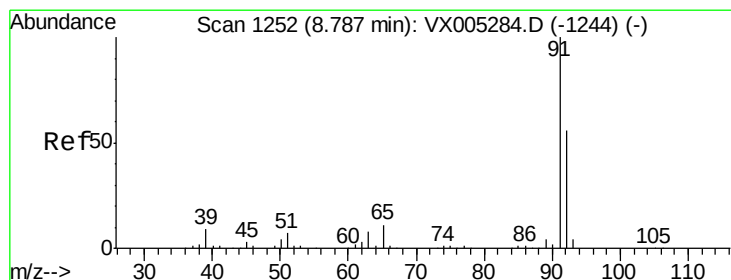
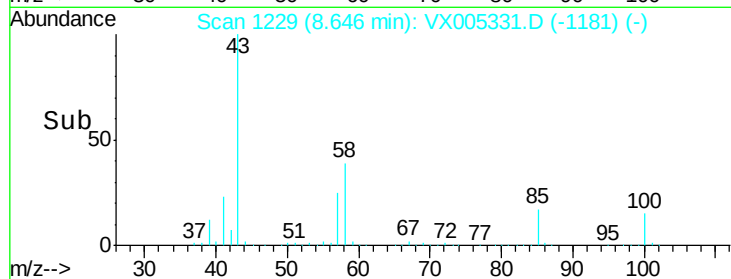
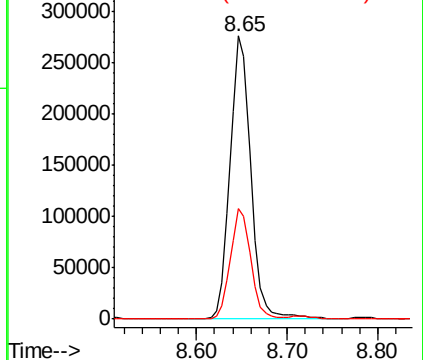
MMDadoda

10/16/2018 2:23:29 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.69 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005331.D

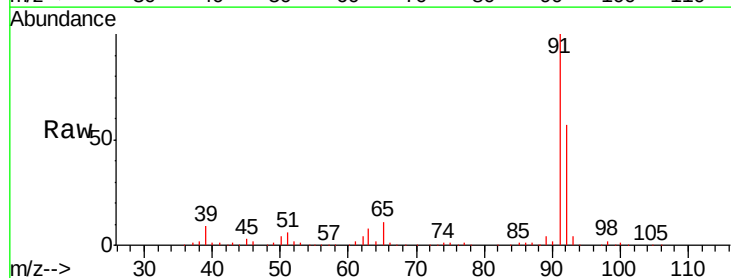
Acq: 15 Oct 2018 09:42

Tgt Ion: 92 Resp: 131847

Ion Ratio Lower Upper

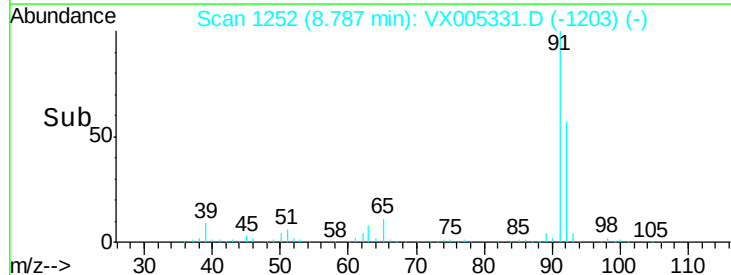
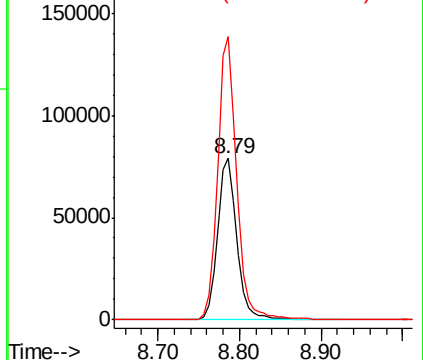
92 100

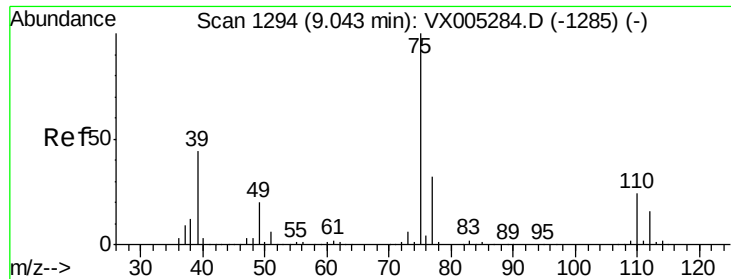
91 172.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





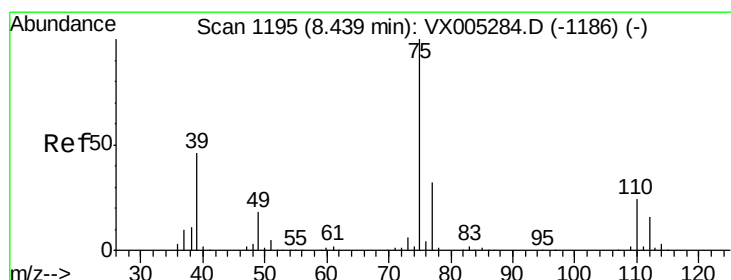
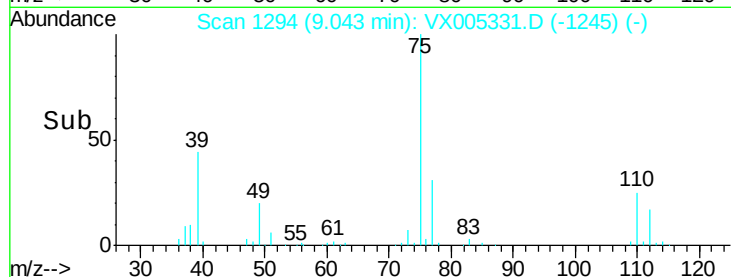
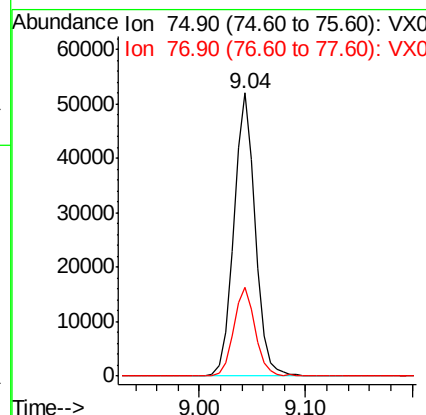
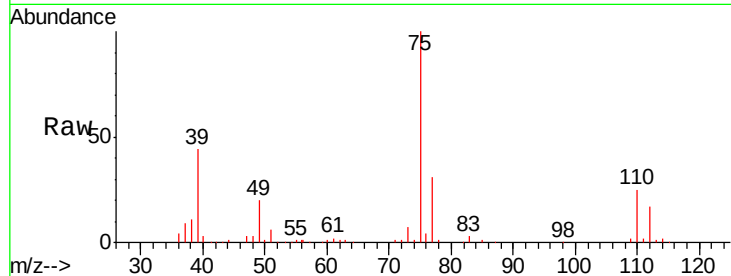
#53
t-1,3-Dichloropropene
Concen: 20.39 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion: 75 Resp: 73413
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0

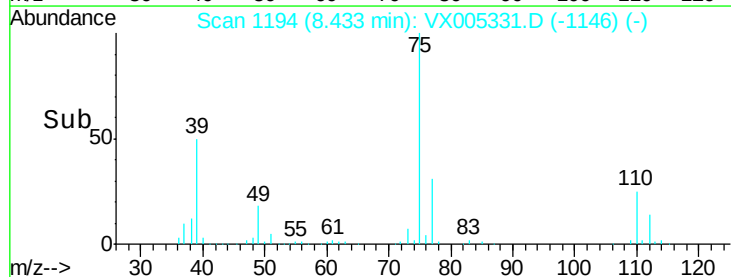
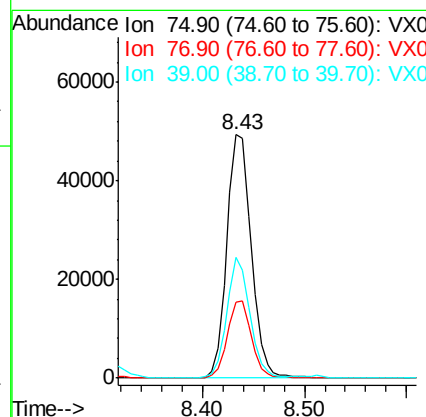
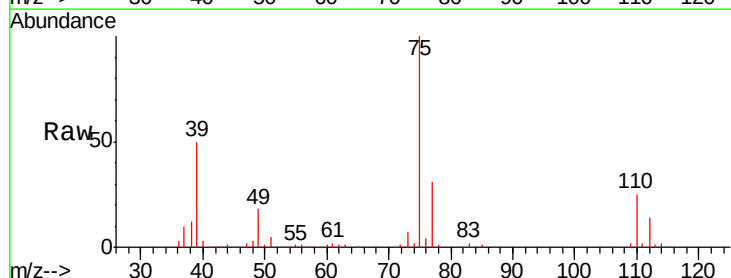
Manual Integrations
APPROVED

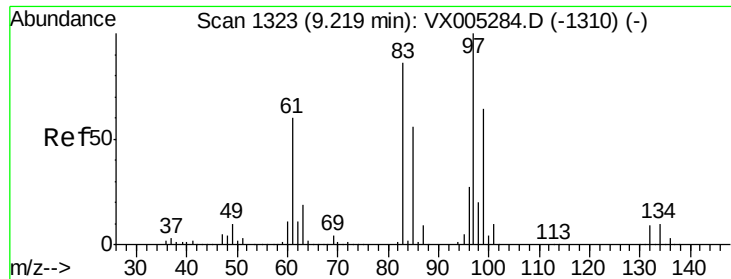
MMDadoda
10/16/2018 2:23:29 PM



#54
cis-1,3-Dichloropropene
Concen: 21.09 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 75 Resp: 82261
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
39 49.6 36.4 54.6





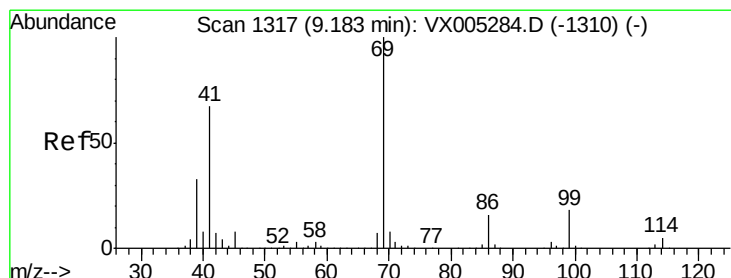
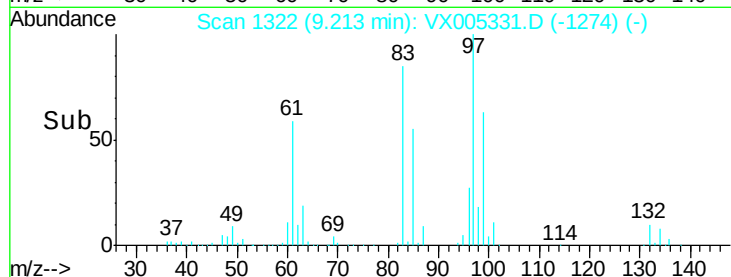
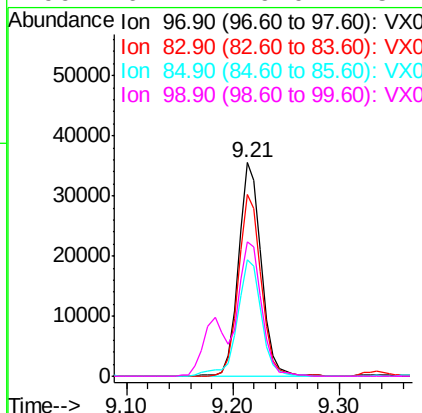
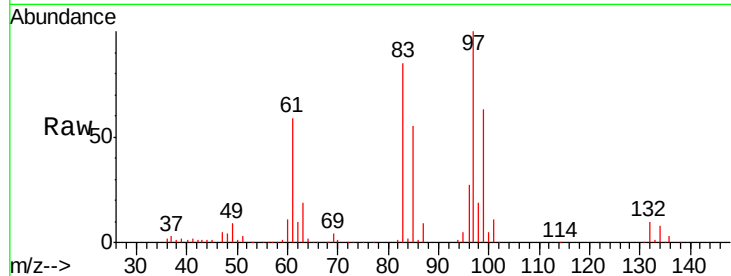
#55
 1,1,2-Trichloroethane
 Concen: 20.72 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion:	97	Resp:	53342
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	54.8	43.3	64.9
99	62.7	49.0	73.4

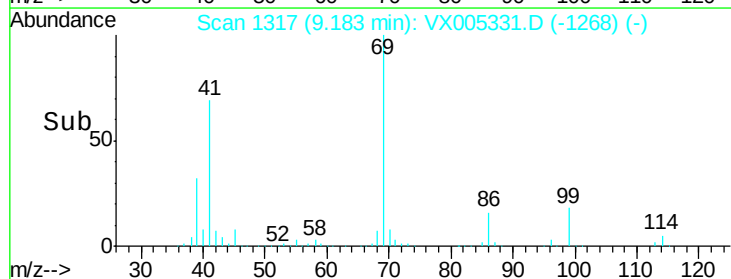
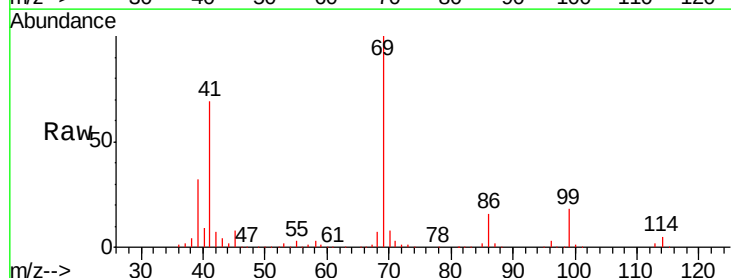
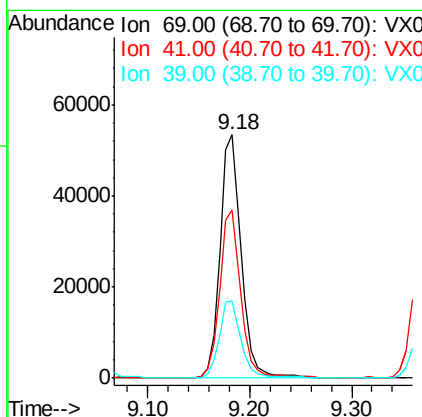
Manual Integrations
 APPROVED

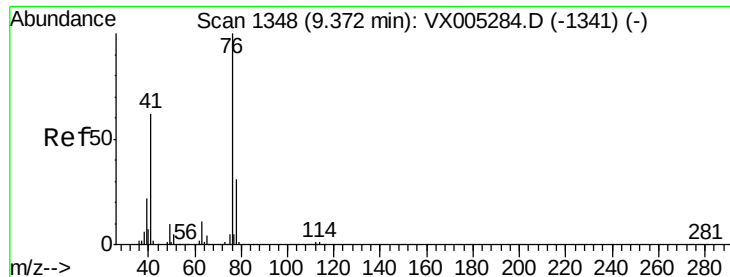
MMDadoda
 10/16/2018 2:23:29 PM



#56
 Ethyl methacrylate
 Concen: 20.71 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion:	69	Resp:	77710
Ion	Ratio	Lower	Upper
69	100		
41	68.8	51.0	76.4
39	32.9	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.43 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 76 Resp: 87798

Ion Ratio Lower Upper

76 100

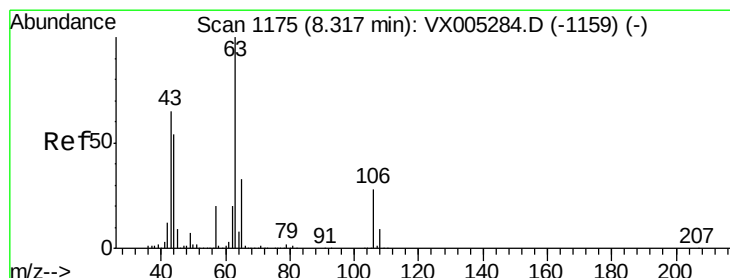
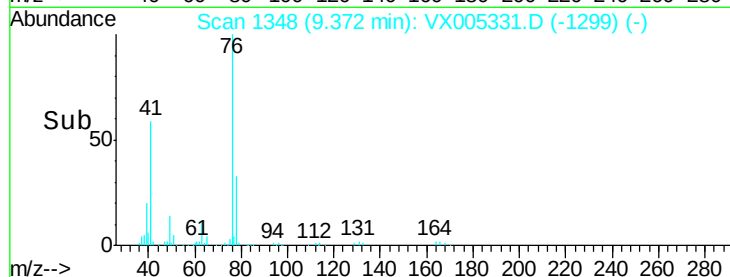
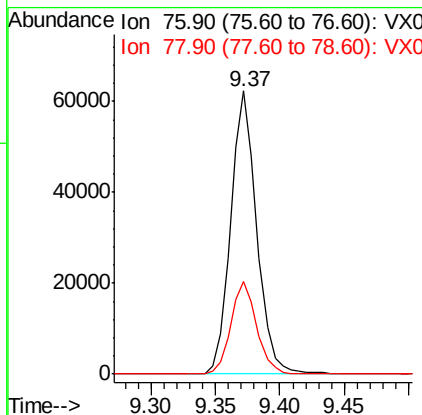
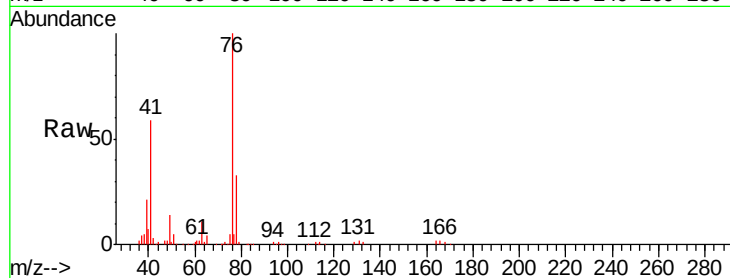
78 32.4 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

10/16/2018 2:23:29 PM



#58

2-Chloroethyl Vinyl ether

Concen: 103.13 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005331.D

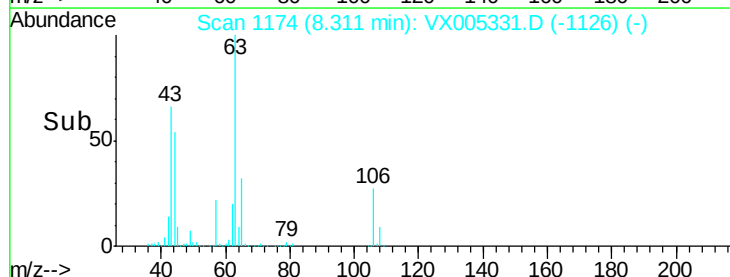
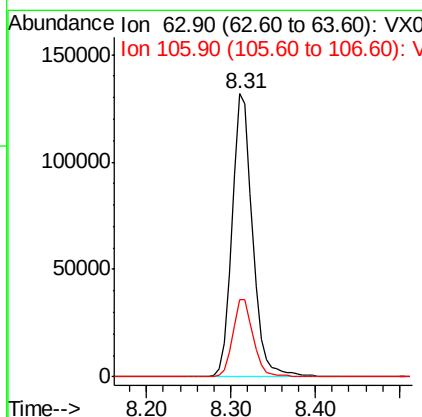
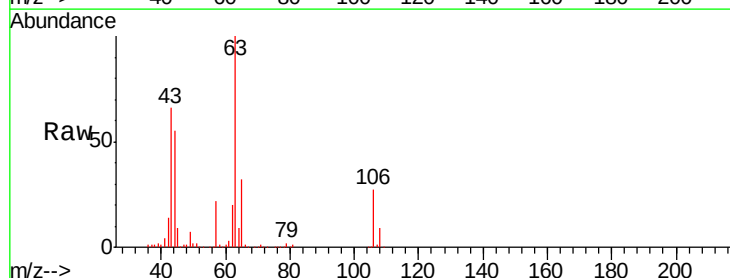
Acq: 15 Oct 2018 09:42

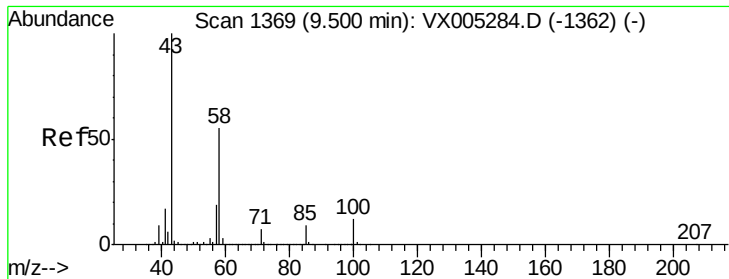
Tgt Ion: 63 Resp: 217062

Ion Ratio Lower Upper

63 100

106 27.4 23.9 35.9





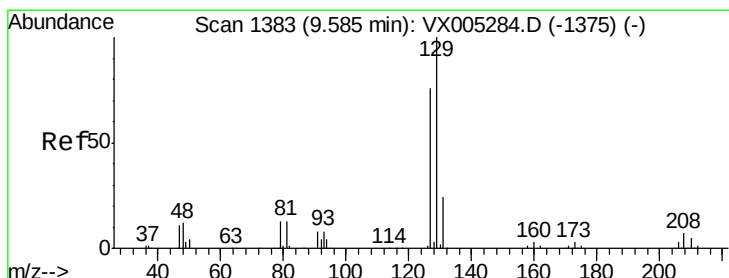
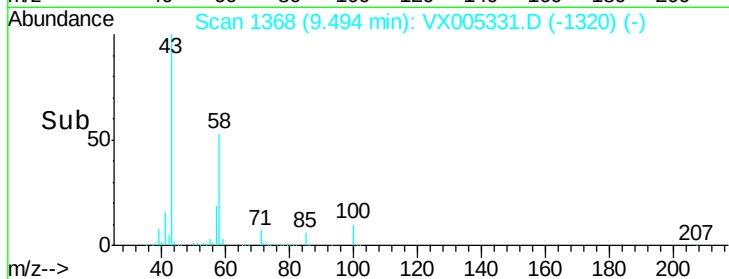
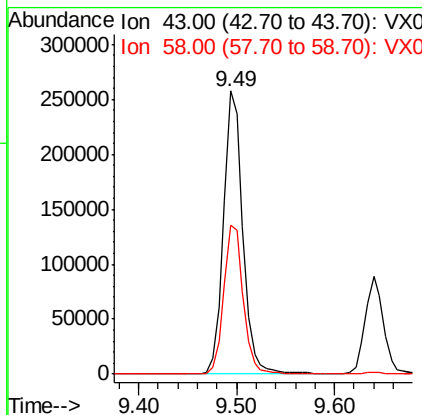
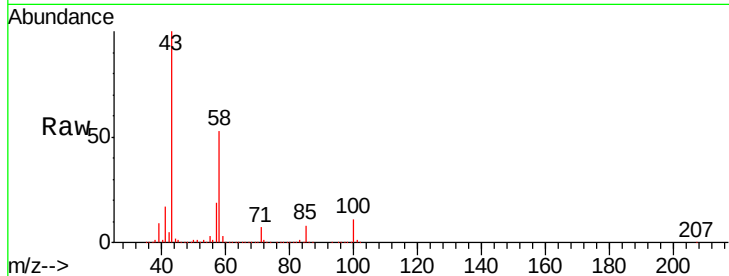
#59
2-Hexanone
Concen: 99.75 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion: 43 Resp: 352468
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0

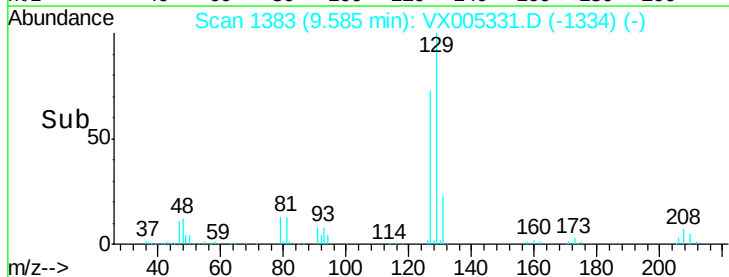
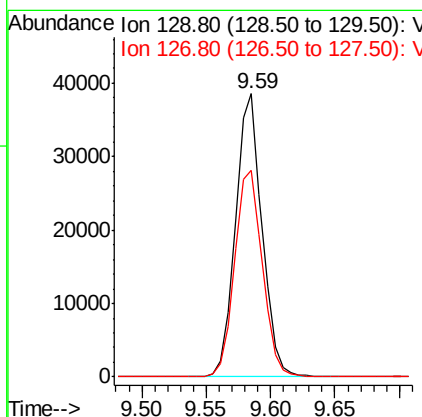
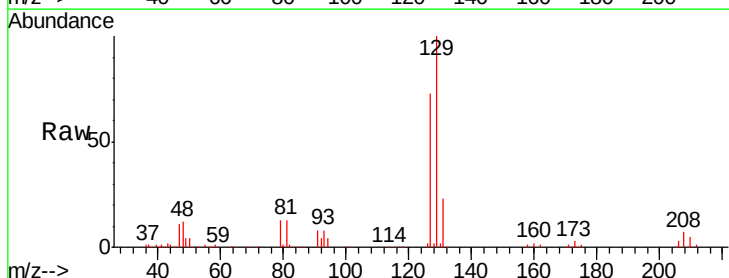
Manual Integrations
APPROVED

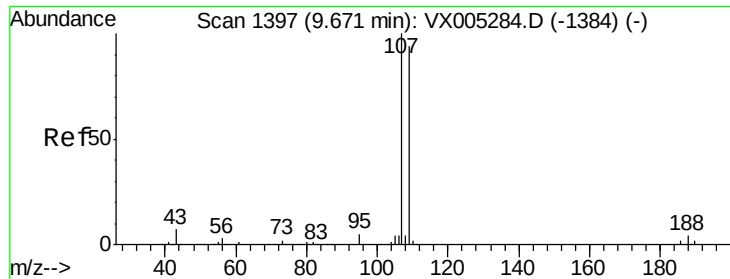
MMDadoda
10/16/2018 2:23:29 PM



#60
Dibromochloromethane
Concen: 20.70 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 129 Resp: 55087
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.42 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 107 Resp: 55163

Ion Ratio Lower Upper

107 100

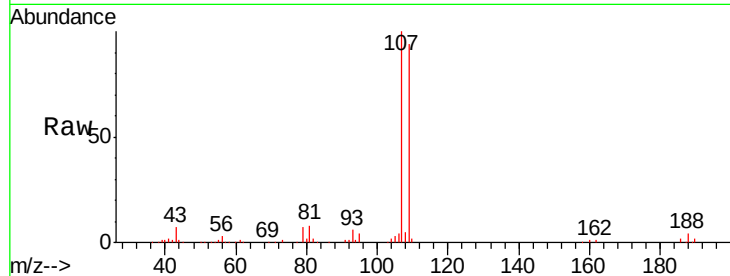
109 95.0 76.0 114.0

Manual Integrations

APPROVED

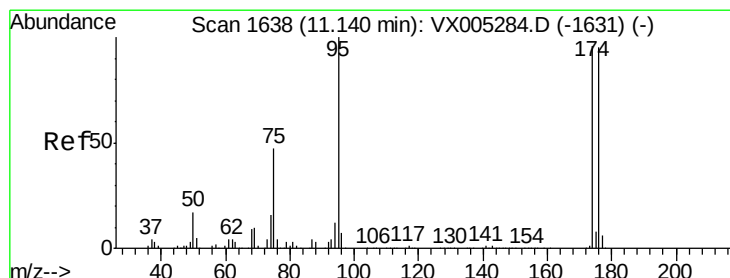
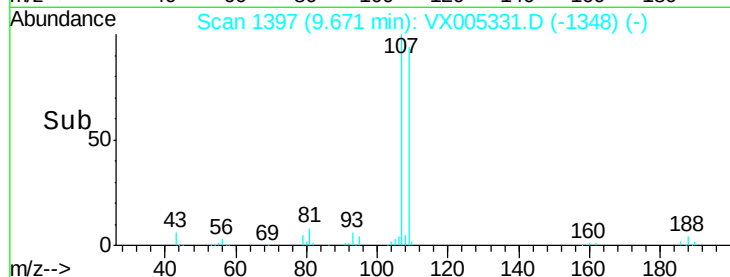
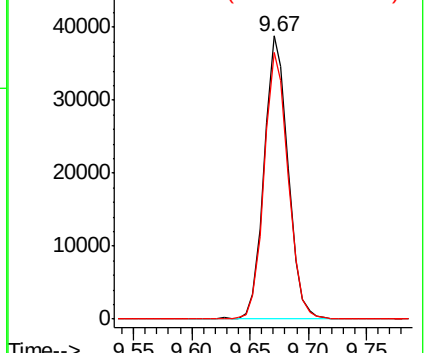
MMDadoda

10/16/2018 2:23:29 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.06 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

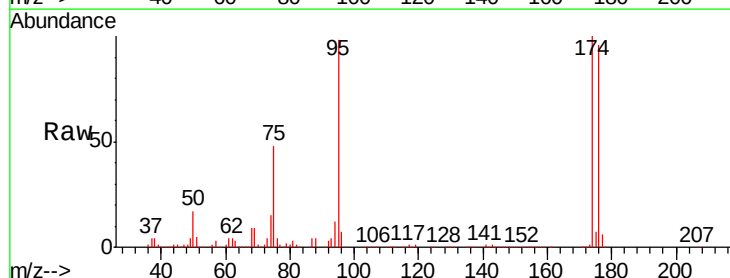
Tgt Ion: 95 Resp: 170031

Ion Ratio Lower Upper

95 100

174 95.8 0.0 185.2

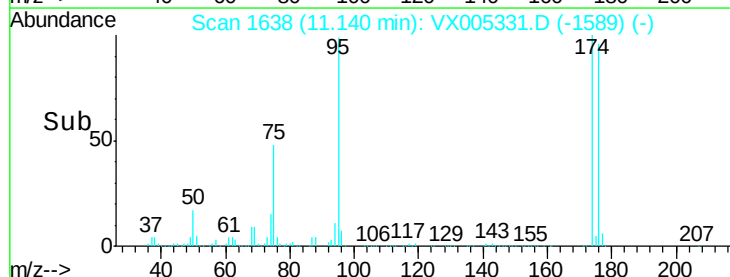
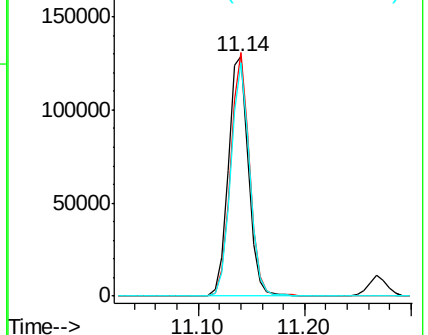
176 91.8 0.0 178.6

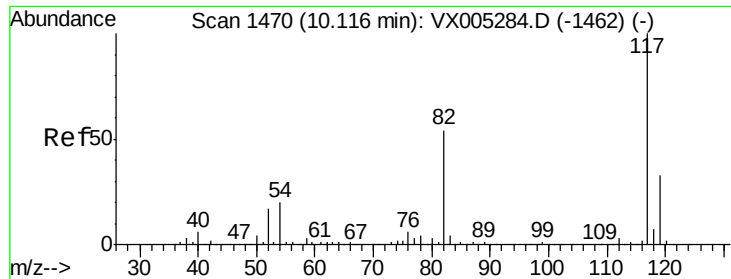


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





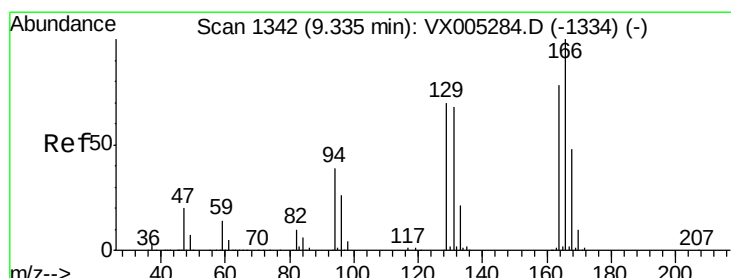
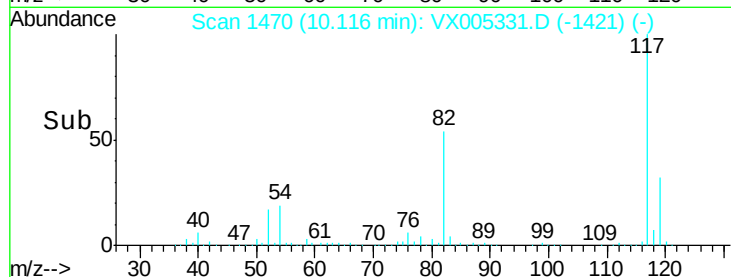
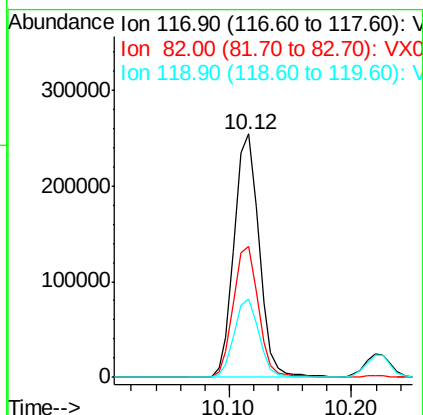
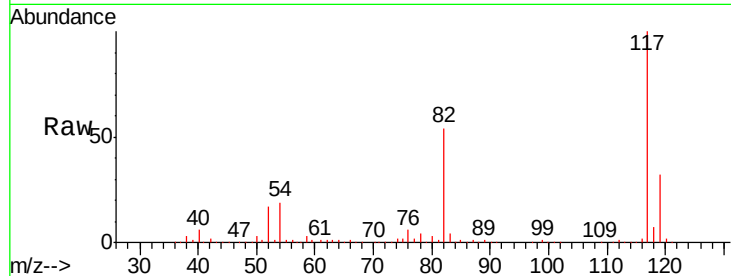
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.8	71.6
119	32.4	29.3	43.9

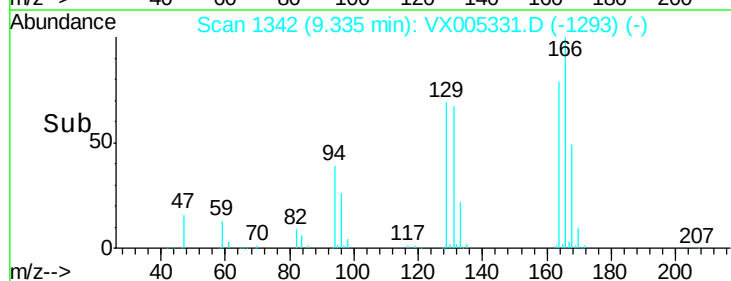
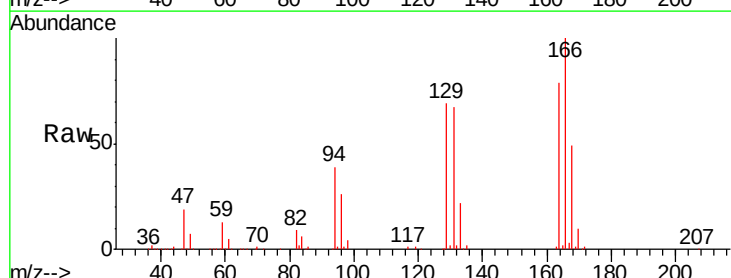
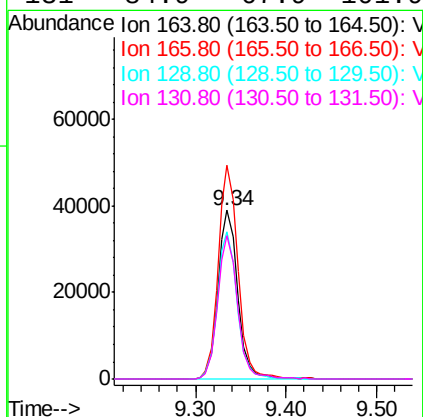
Manual Integrations
APPROVED

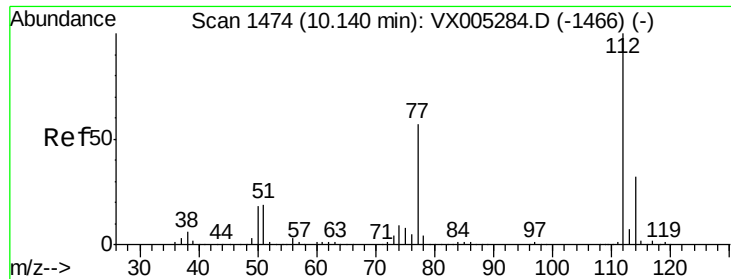
MMDadoda
10/16/2018 2:23:29 PM



#64
Tetrachloroethene
Concen: 20.55 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.8	154.2
129	87.0	69.4	104.0
131	84.9	67.9	101.9





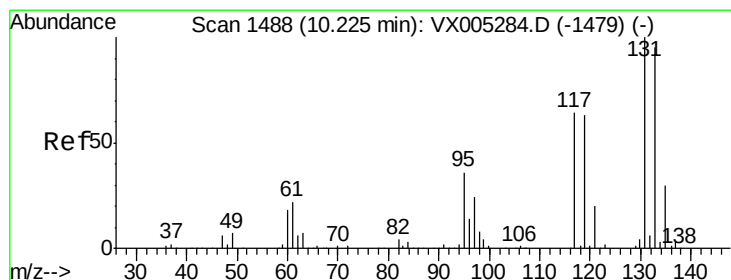
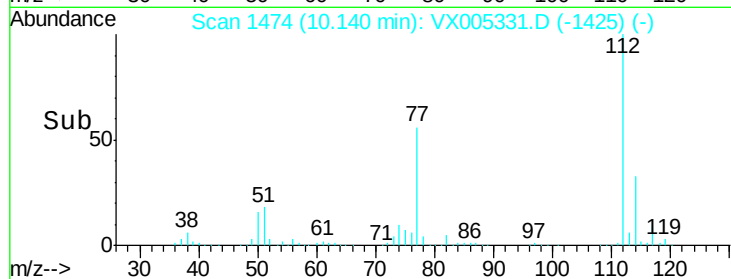
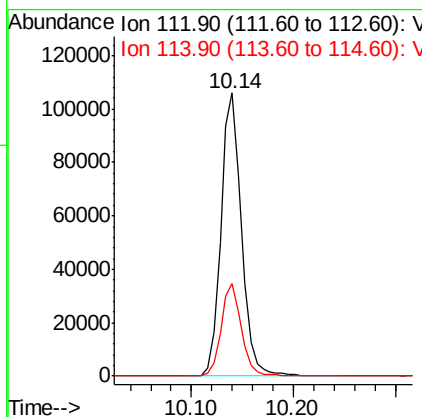
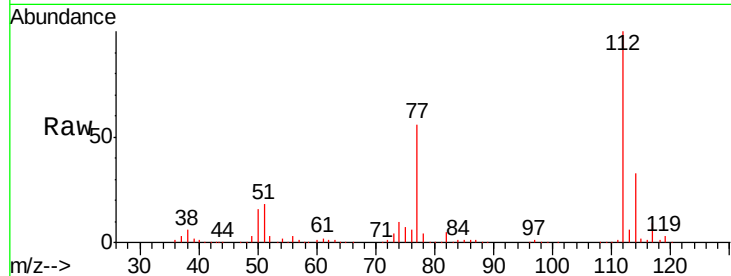
#65
Chlorobenzene
Concen: 19.42 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion:112 Resp: 148446
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8

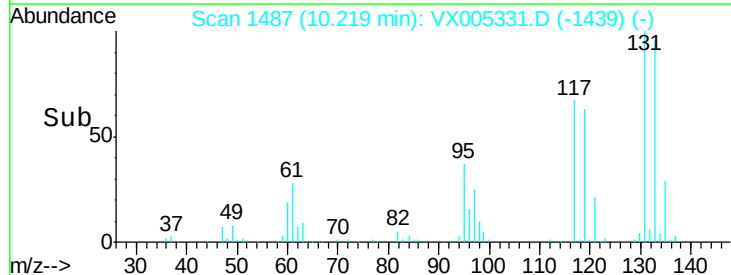
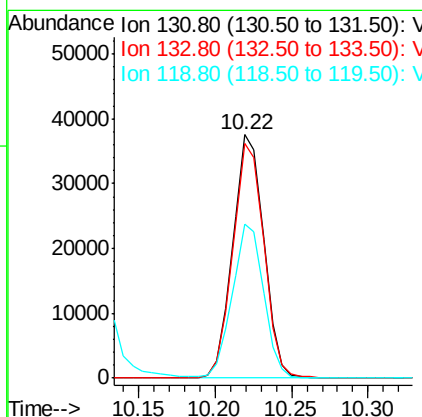
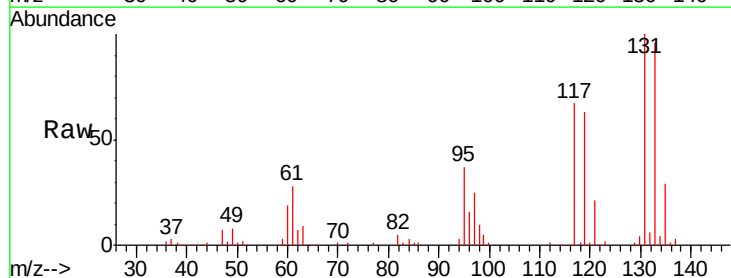
Manual Integrations
APPROVED

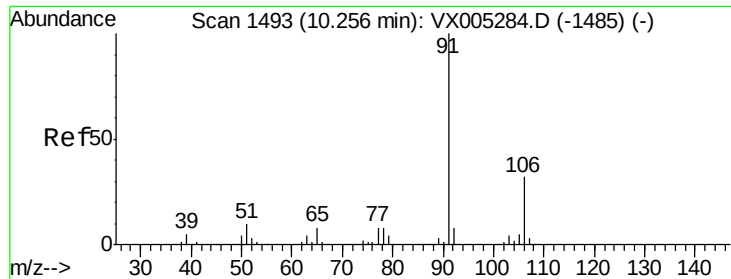
MMDadoda
10/16/2018 2:23:29 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.37 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion:131 Resp: 52754
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 63.9 32.9 98.6





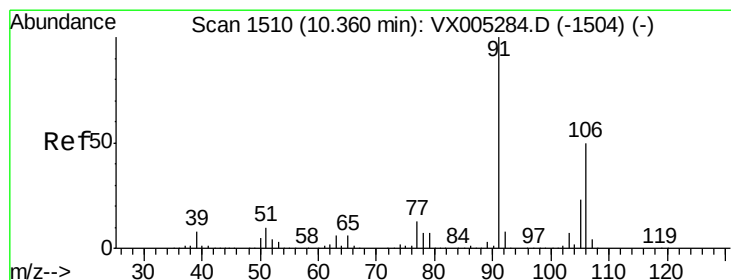
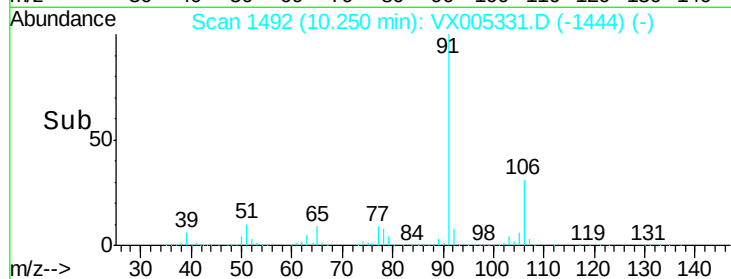
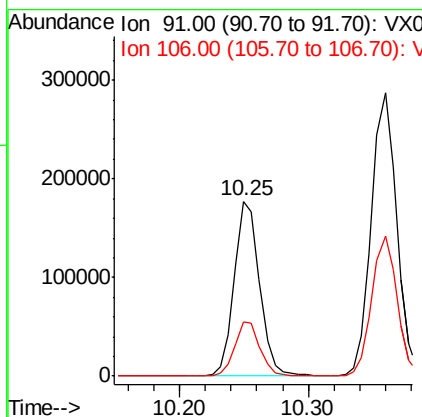
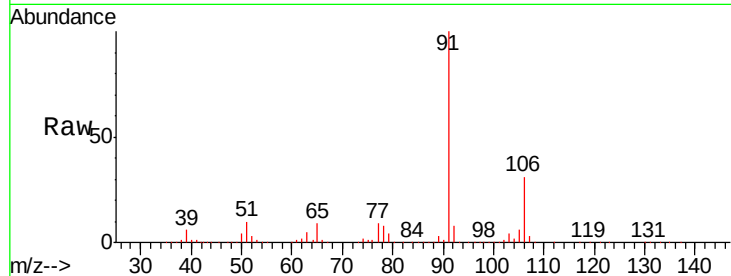
#67
Ethyl Benzene
Concen: 19.78 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion: 91 Resp: 245787
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9

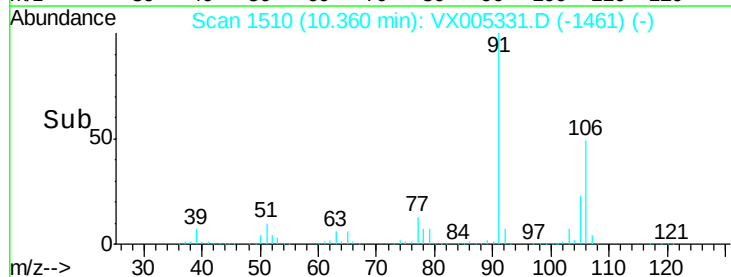
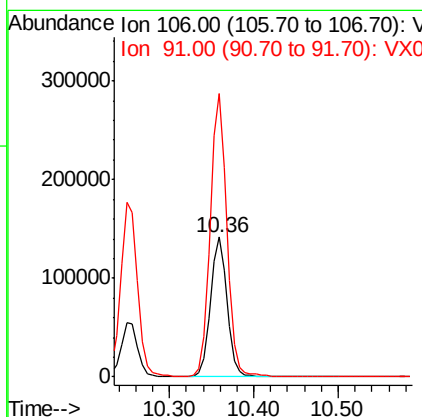
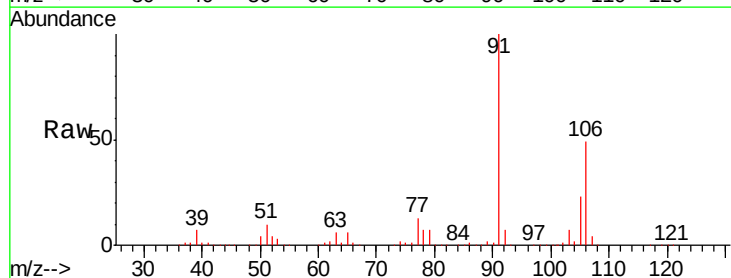
Manual Integrations
APPROVED

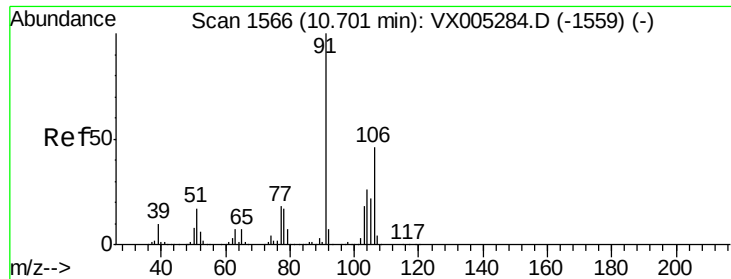
MMDadoda
10/16/2018 2:23:29 PM



#68
m/p-Xylenes
Concen: 40.30 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 106 Resp: 194367
Ion Ratio Lower Upper
106 100
91 203.0 157.1 235.7





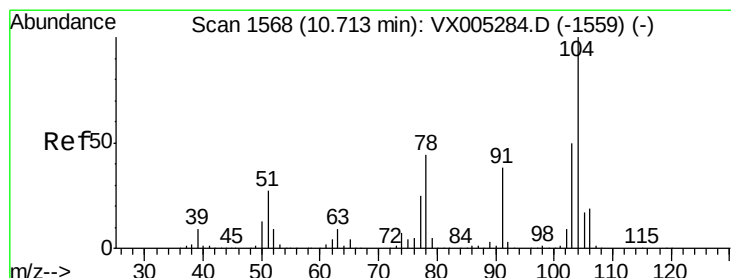
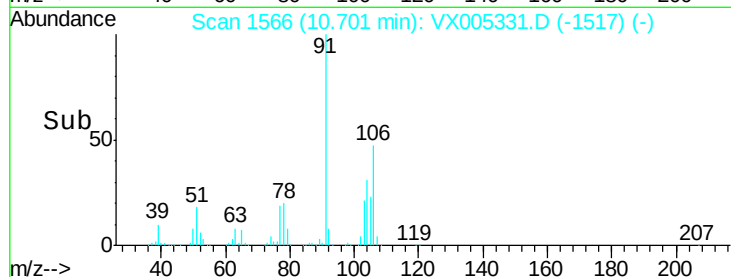
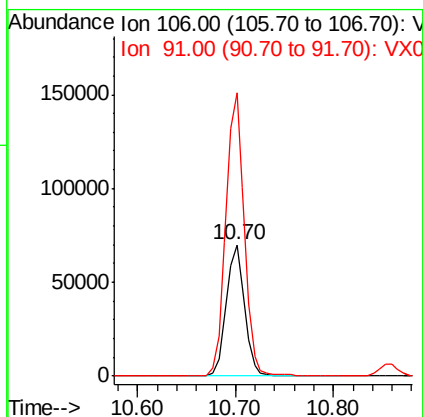
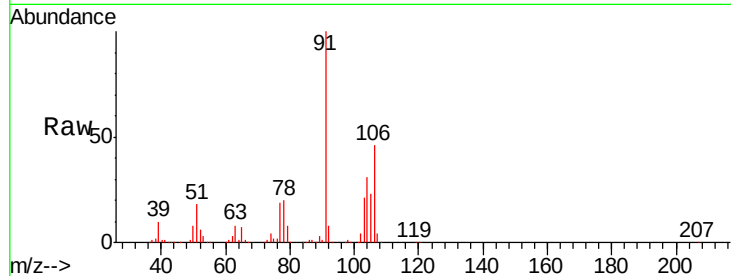
#69
o-Xylene
Concen: 19.65 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion:106 Resp: 91394
Ion Ratio Lower Upper
106 100
91 216.2 105.1 315.1

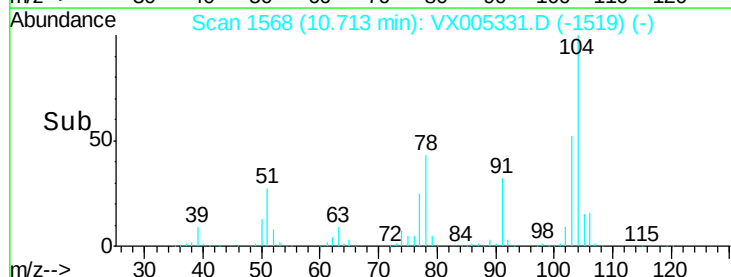
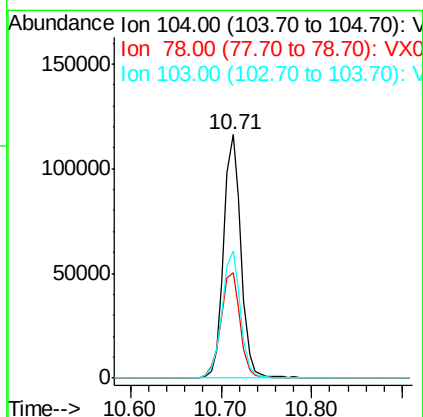
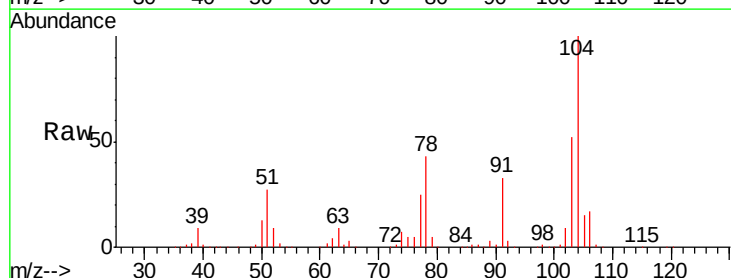
Manual Integrations
APPROVED

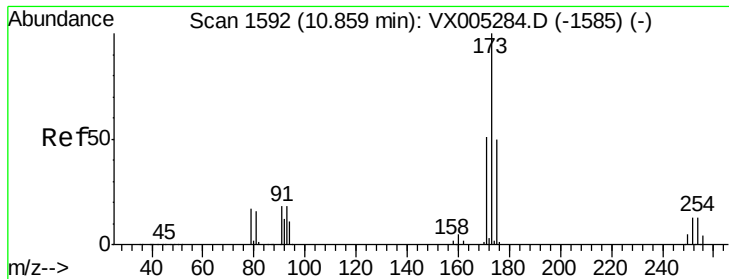
MMDadoda
10/16/2018 2:23:29 PM



#70
Styrene
Concen: 20.22 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion:104 Resp: 154690
Ion Ratio Lower Upper
104 100
78 48.5 37.4 56.0
103 56.1 43.8 65.6





#71

Bromoform

Concen: 18.50 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion:173 Resp: 45028

Ion Ratio Lower Upper

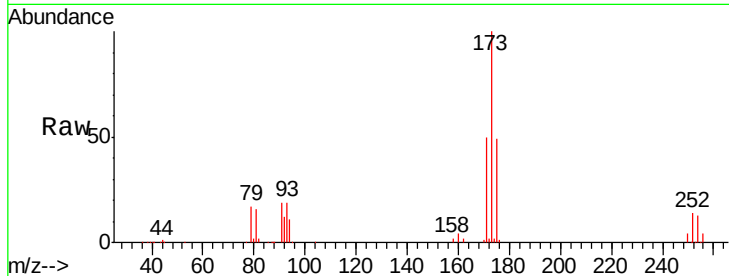
173 100

175 48.8 24.1 72.3

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

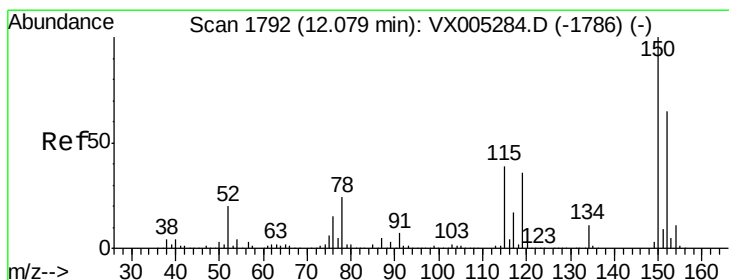
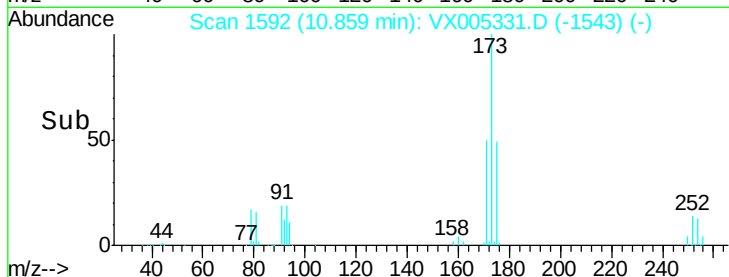
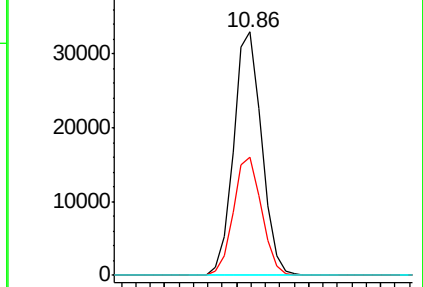
MMDadoda
10/16/2018 2:23:29 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

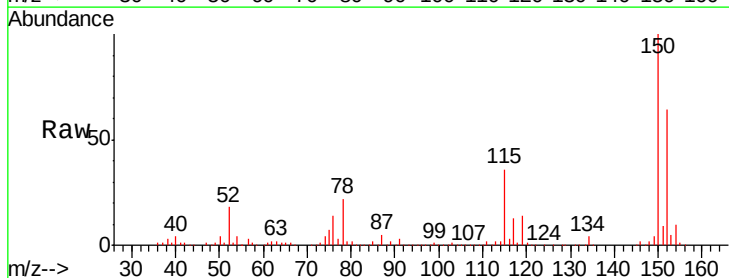
Tgt Ion:152 Resp: 204910

Ion Ratio Lower Upper

152 100

115 63.7 39.0 117.0

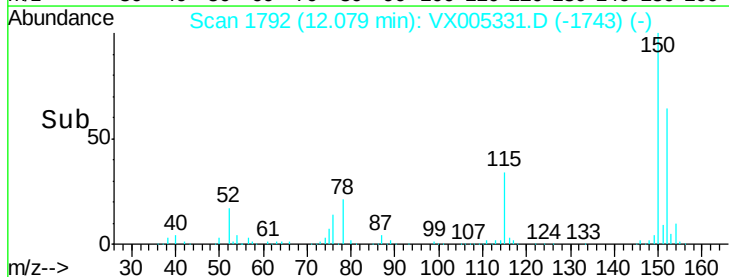
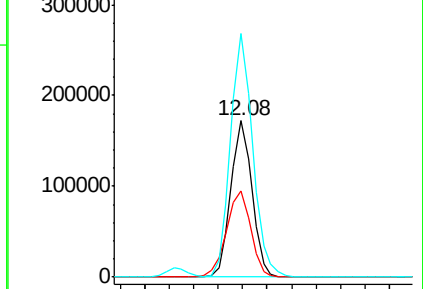
150 164.1 0.0 351.0

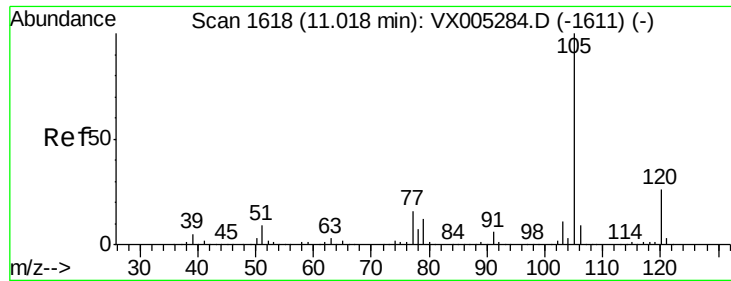


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.88 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 105 Resp: 254287

Ion Ratio Lower Upper

105 100

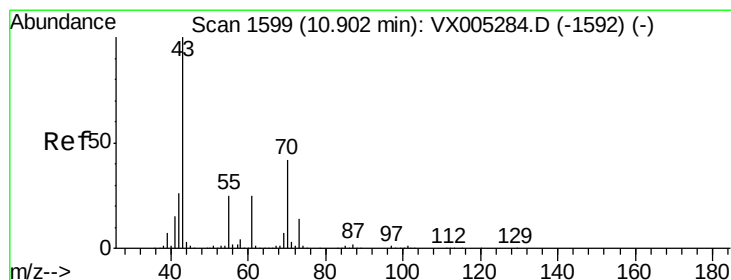
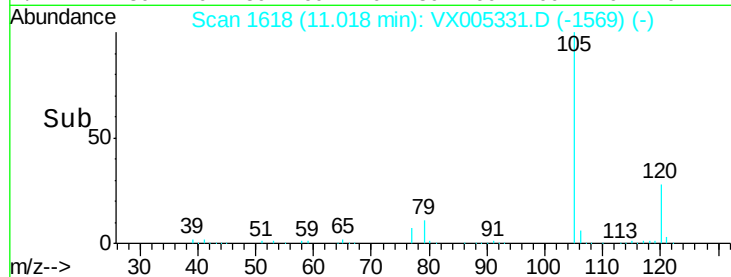
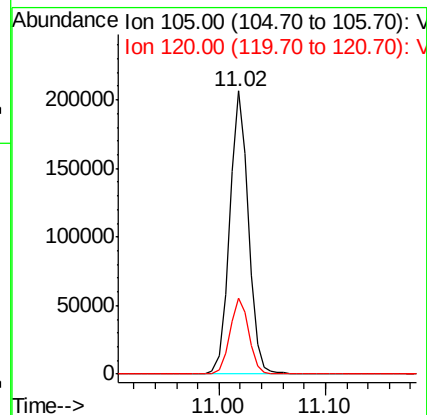
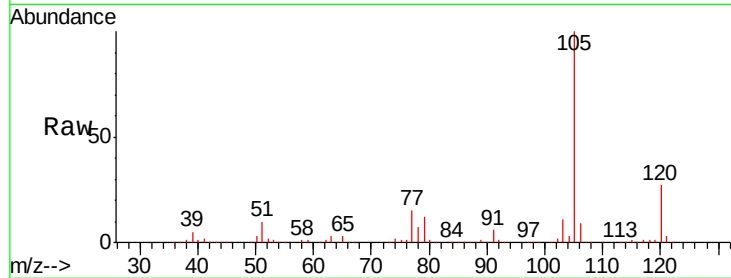
120 27.1 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

10/16/2018 2:23:29 PM



#74

N-ethyl acetate

Concen: 19.01 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion: 43 Resp: 111685

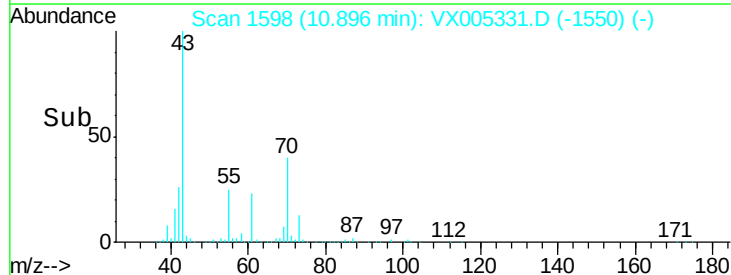
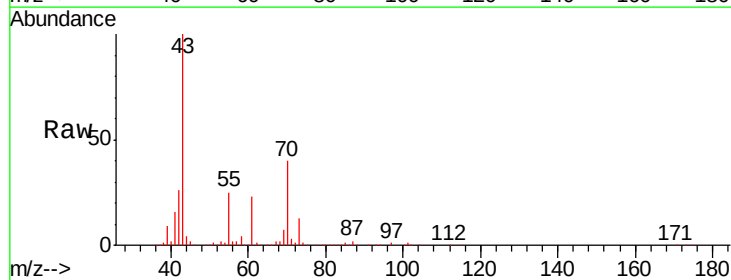
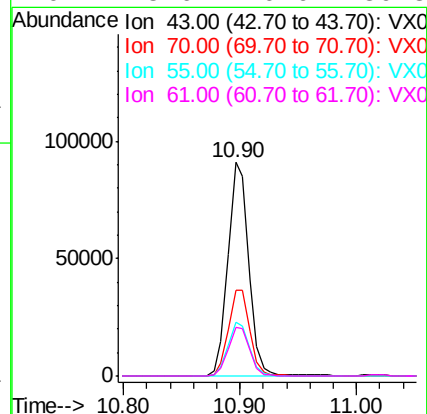
Ion Ratio Lower Upper

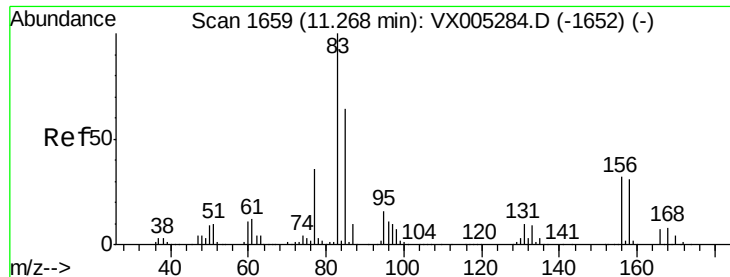
43 100

70 41.5 37.4 56.0

55 26.1 21.8 32.8

61 23.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.79 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 83 Resp: 86340
Ion Ratio Lower Upper

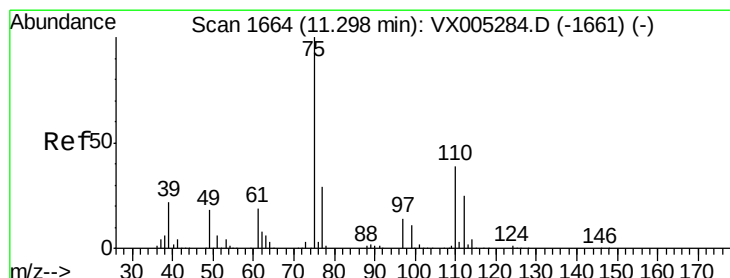
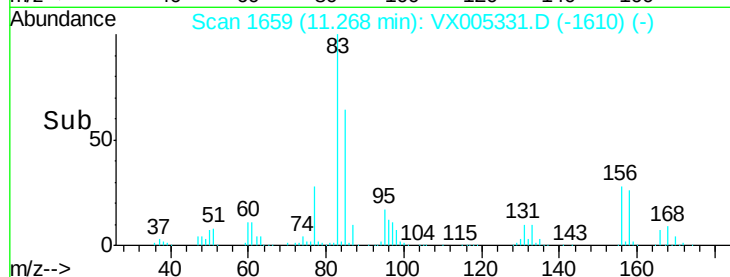
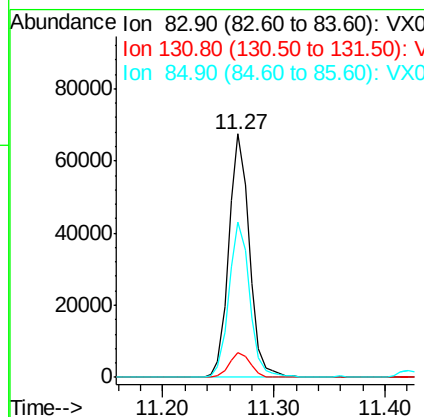
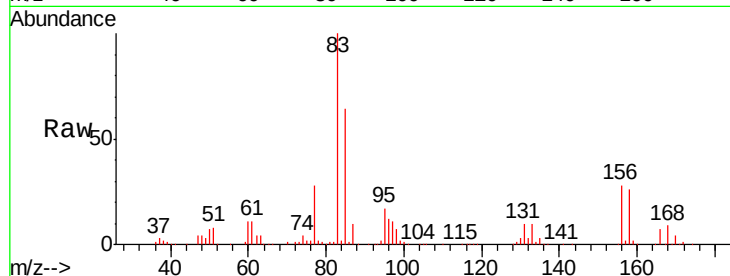
83 100

131 10.5 5.2 15.6

85 64.4 32.3 96.8

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#76

1,2,3-Trichloropropane

Concen: 20.62 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

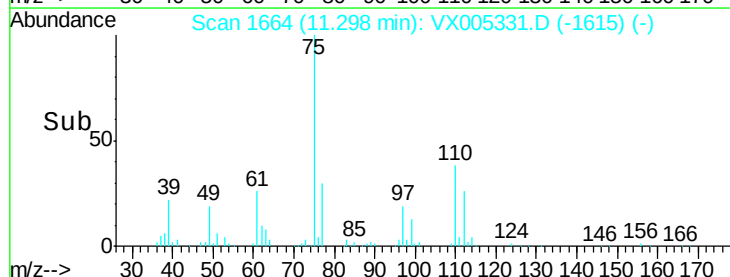
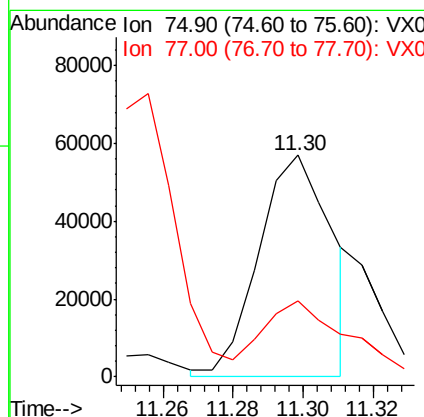
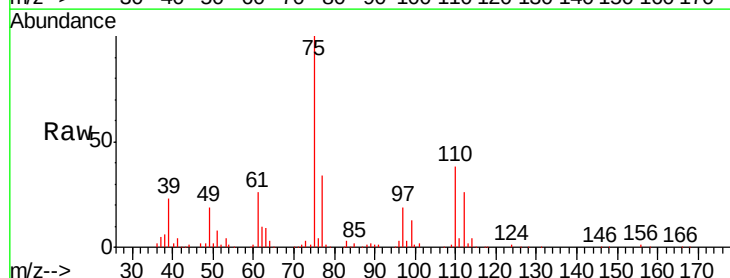
Lab File: VX005331.D

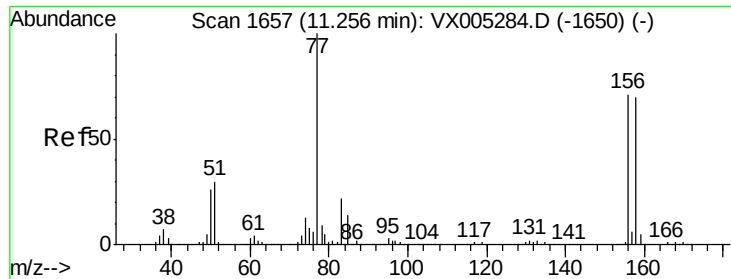
Acq: 15 Oct 2018 09:42

Tgt Ion: 75 Resp: 81939
Ion Ratio Lower Upper

75 100

77 39.8 20.2 60.6





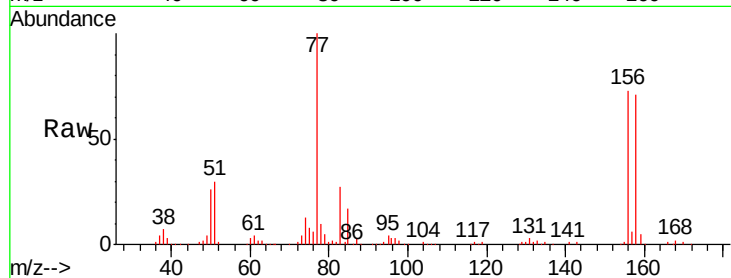
#77
Bromobenzene
Concen: 19.94 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

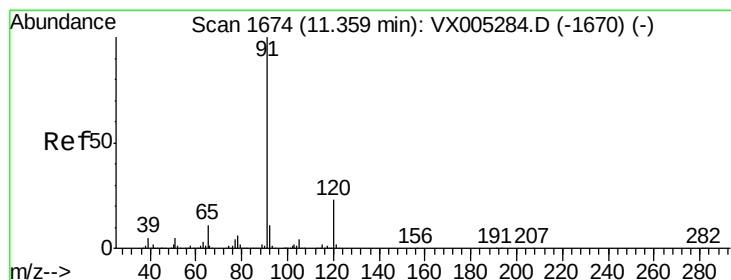
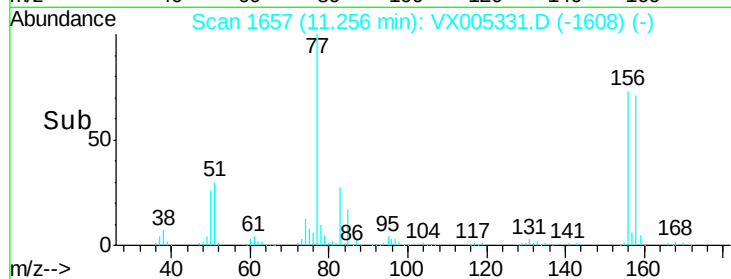
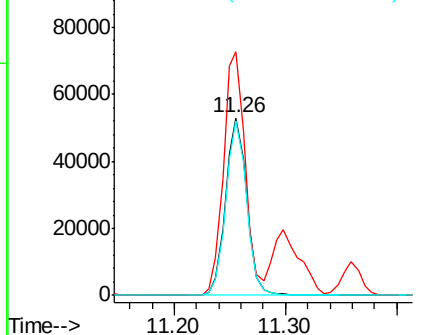
Tgt Ion	Ratio	Lower	Upper
156	100		
77	141.6	71.5	214.3
158	96.8	48.9	146.8

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM

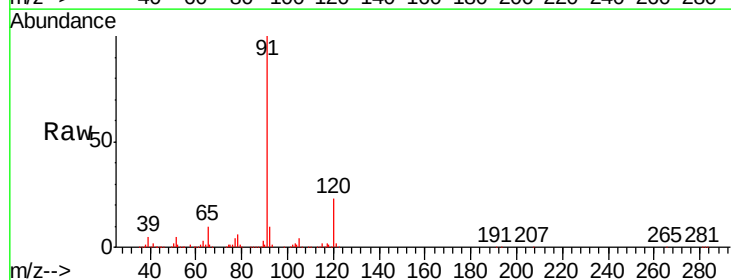


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

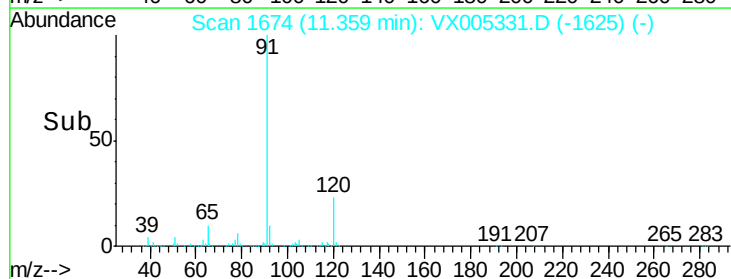
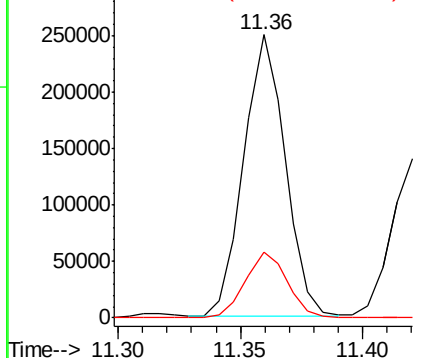


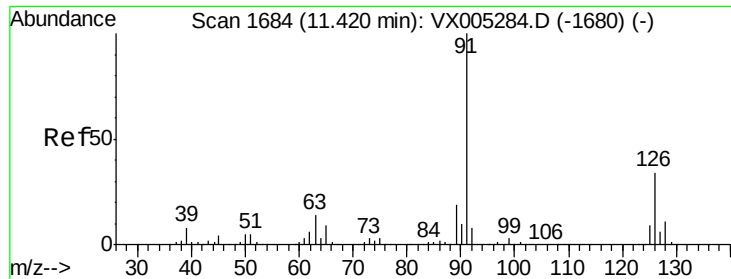
#78
n-propylbenzene
Concen: 21.10 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.52 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tgt Ion: 91 Resp: 176137

Ion Ratio Lower Upper

91 100

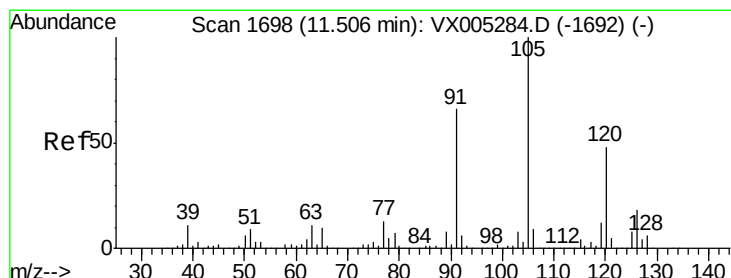
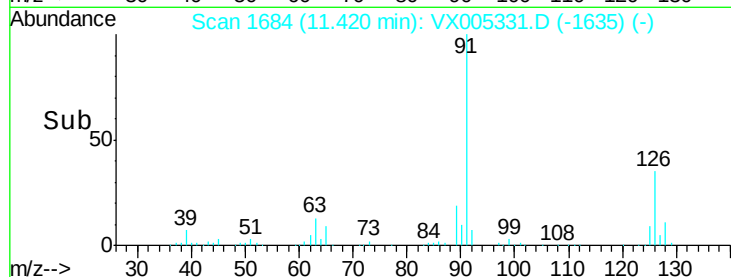
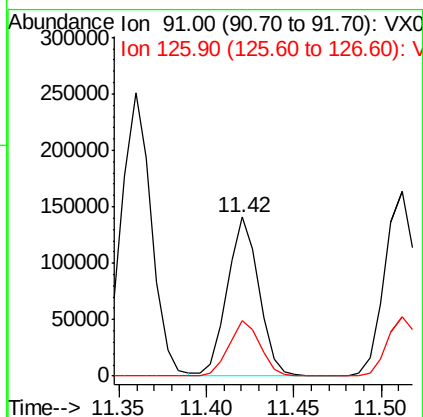
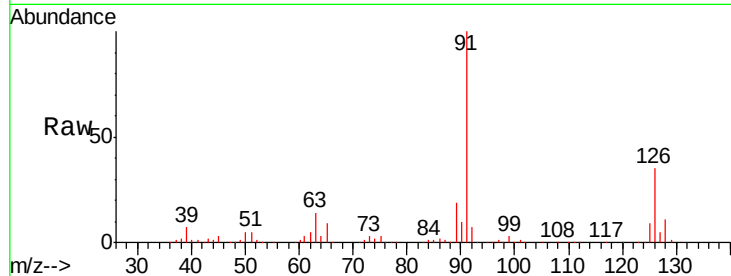
126 35.4 17.9 53.7

Manual Integrations

APPROVED

MMDadoda

10/16/2018 2:23:29 PM



#80

1,3,5-Trimethylbenzene

Concen: 20.86 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005331.D

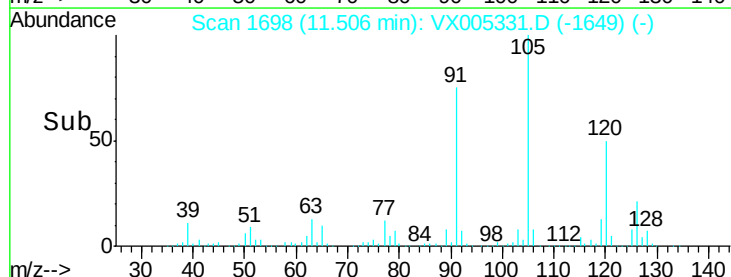
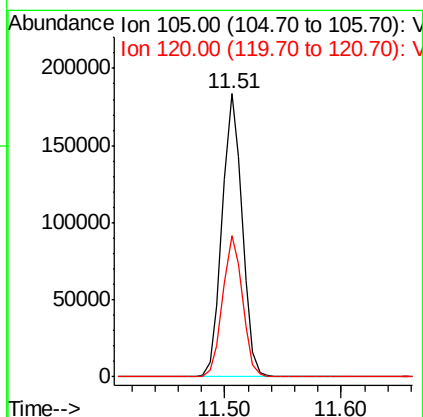
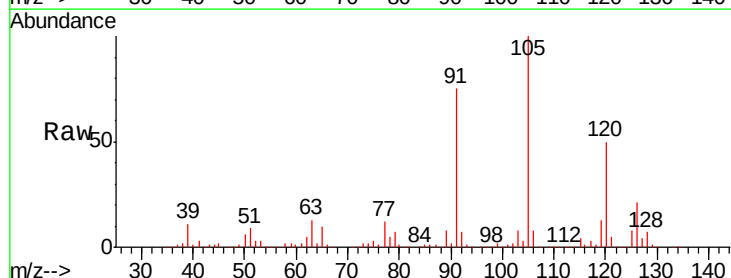
Acq: 15 Oct 2018 09:42

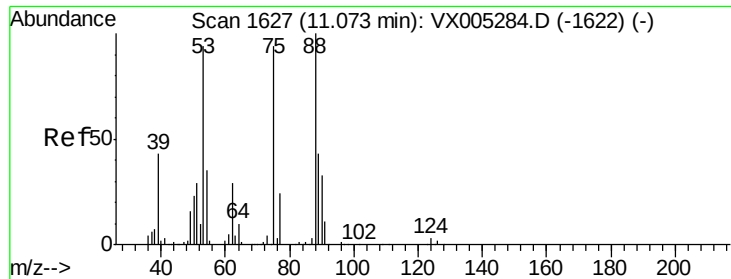
Tgt Ion: 105 Resp: 217578

Ion Ratio Lower Upper

105 100

120 49.5 25.6 76.8





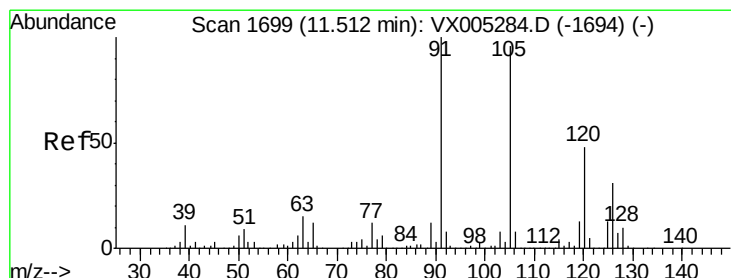
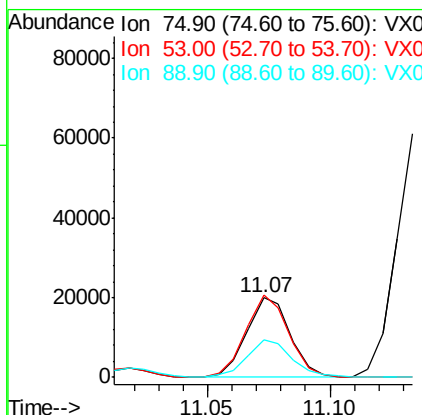
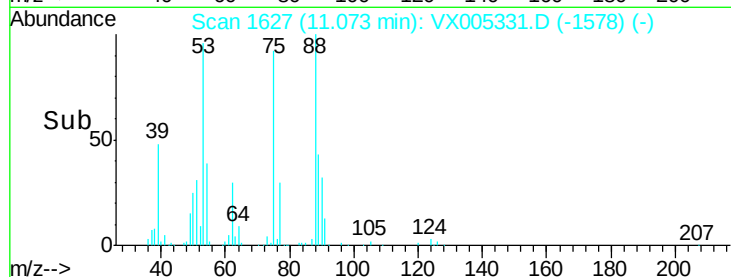
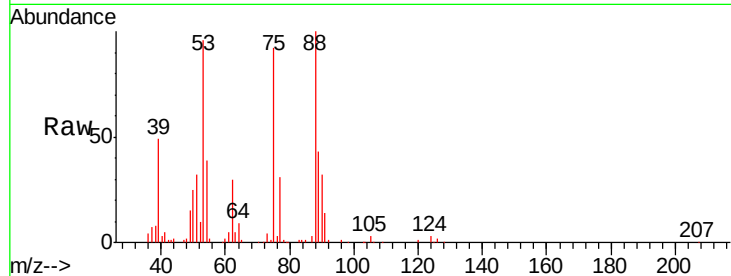
#81
trans-1,4-Dichloro-2-butene
Concen: 18.86 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.6	80.1	120.1
89	49.3	37.2	55.8

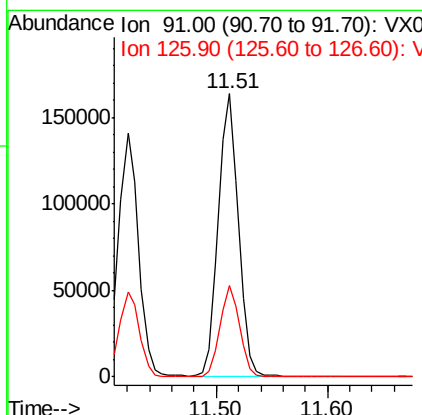
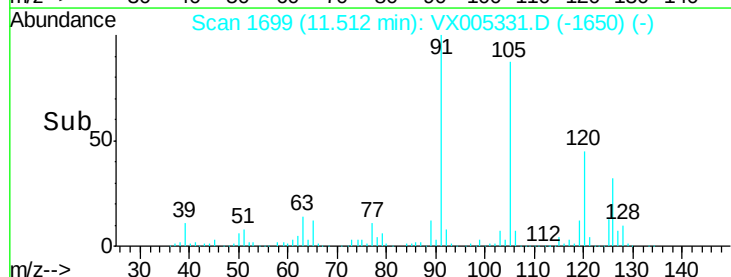
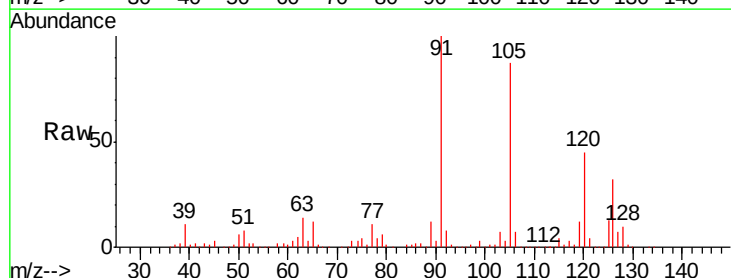
Manual Integrations
APPROVED

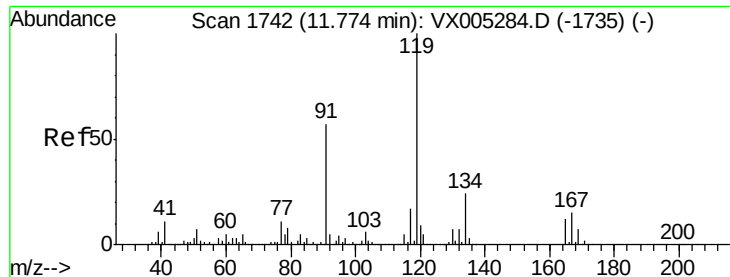
MMDadoda
10/16/2018 2:23:29 PM



#82
4-Chlorotoluene
Concen: 20.21 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.5	46.5





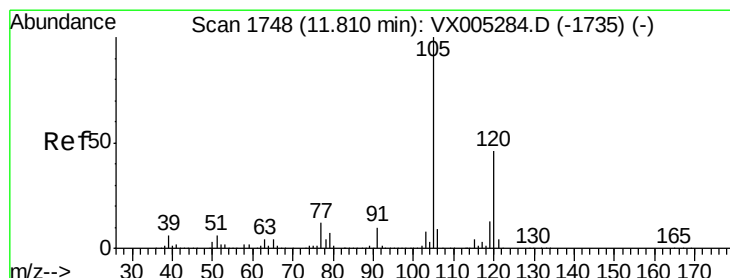
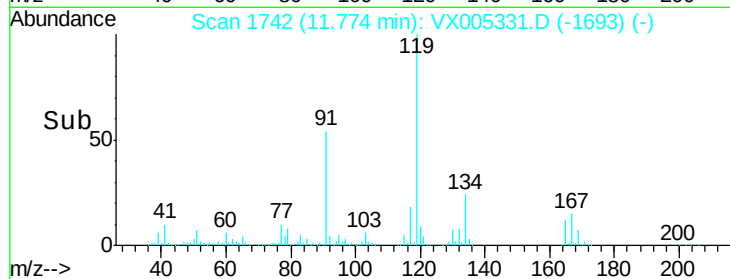
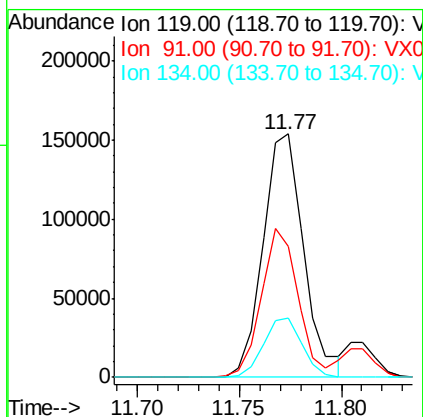
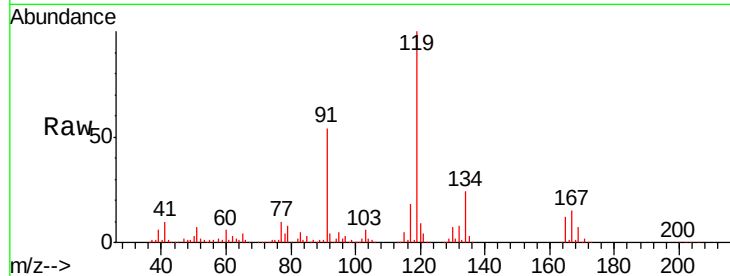
#83
 tert-Butylbenzene
 Concen: 20.20 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	213398		
91	55.4	27.0	81.0	
134	23.2	11.7	35.1	

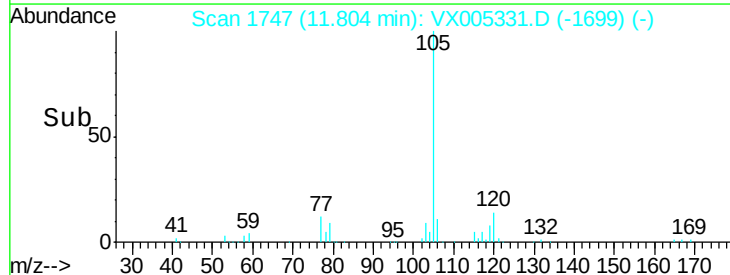
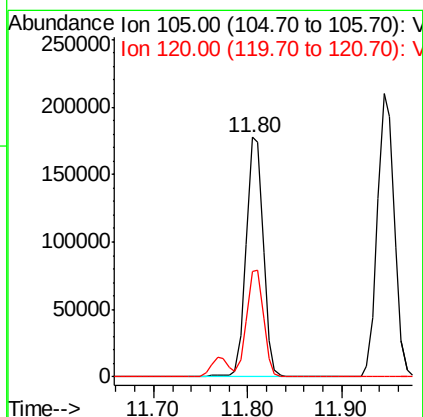
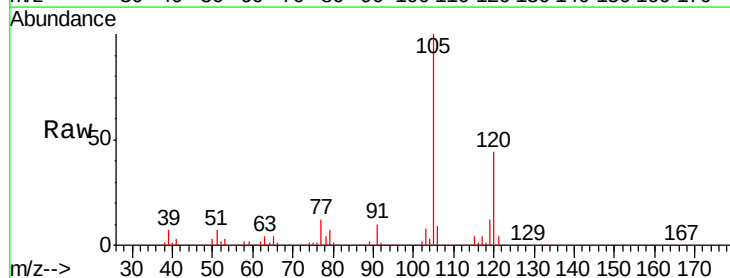
Manual Integrations
 APPROVED

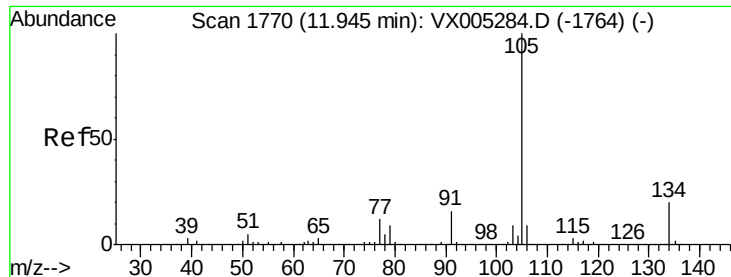
MMDadoda
 10/16/2018 2:23:29 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.04 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225855		
120	44.0	23.2	69.6	





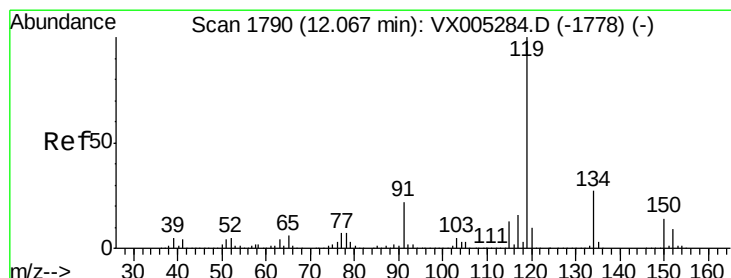
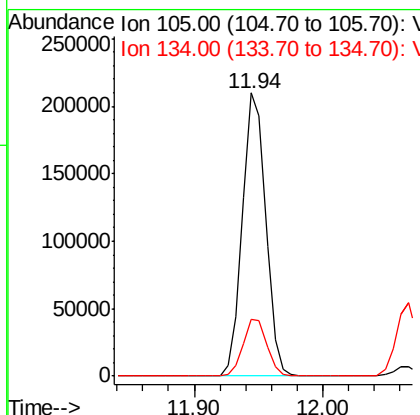
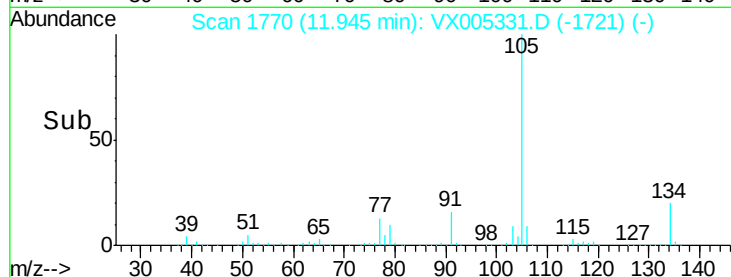
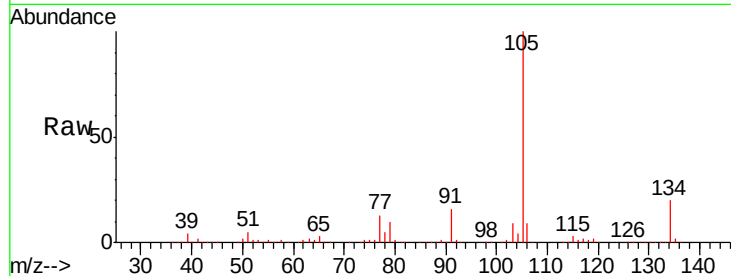
#85
 sec-Butylbenzene
 Concen: 21.06 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.5	31.5

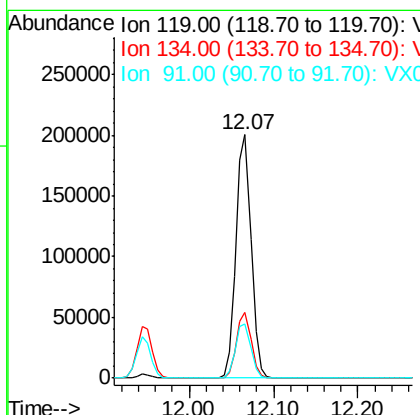
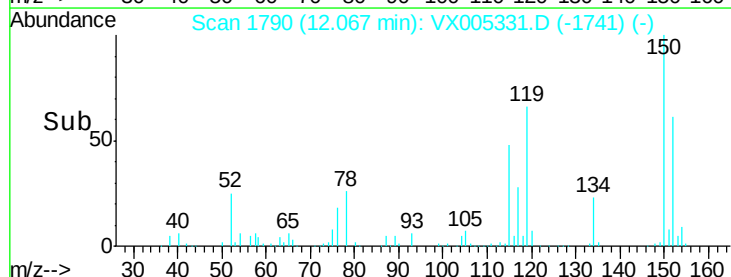
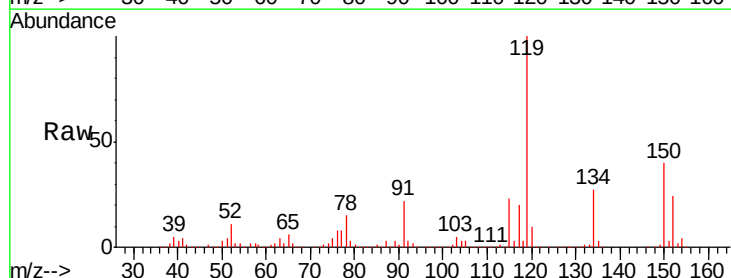
Manual Integrations
 APPROVED

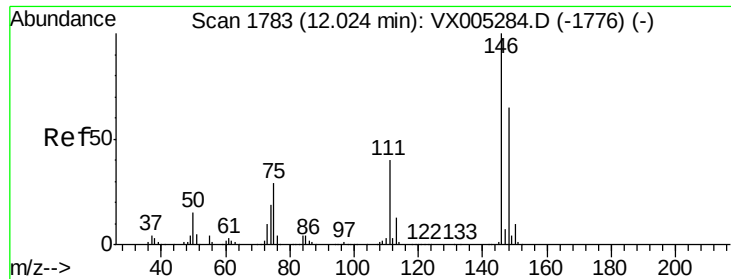
MMDadoda
 10/16/2018 2:23:29 PM



#86
 p-Isopropyltoluene
 Concen: 21.12 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.2
91	23.0	10.9	32.7





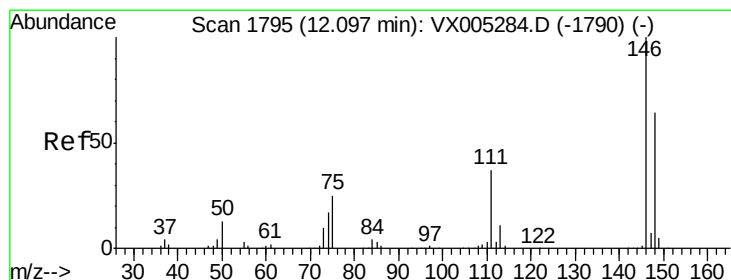
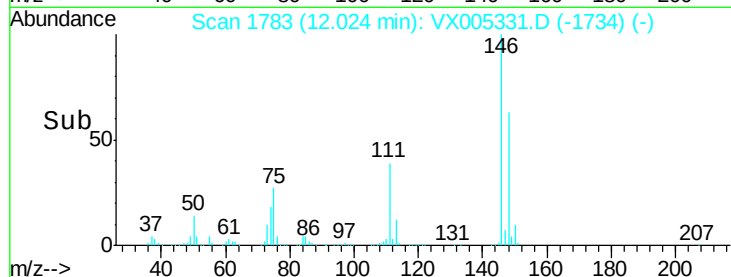
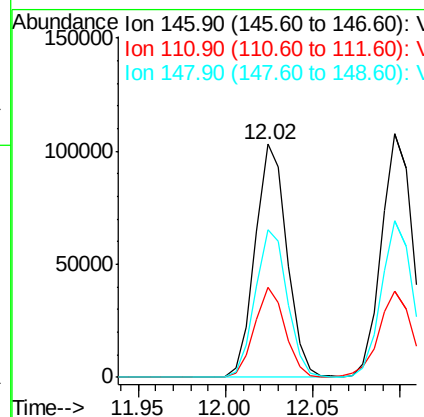
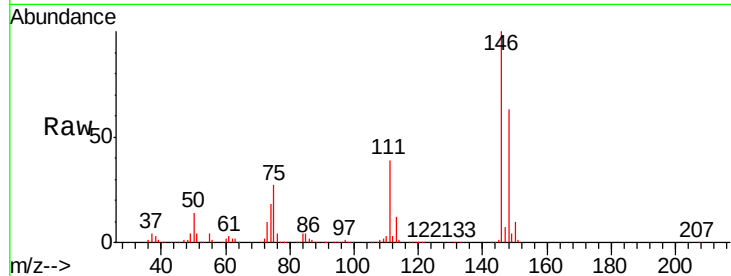
#87
 1,3-Dichlorobenzene
 Concen: 20.04 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130399		
111	37.1	18.7	56.1	
148	63.8	32.1	96.5	

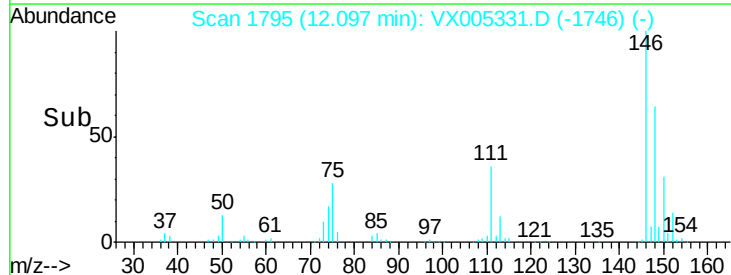
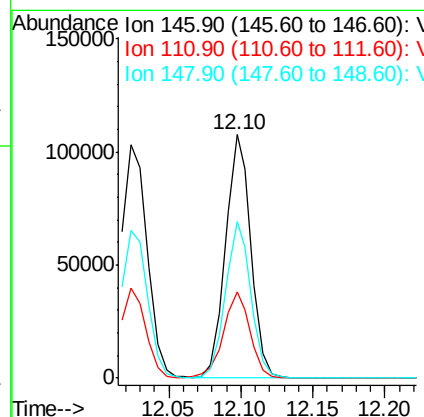
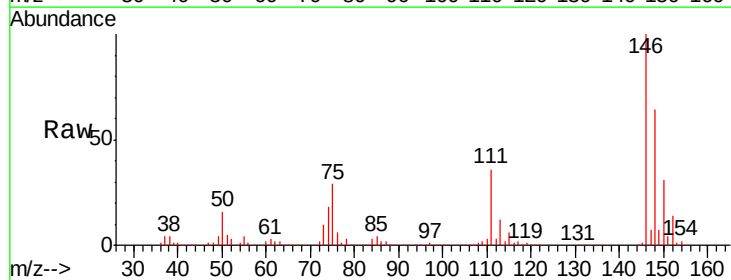
Manual Integrations
 APPROVED

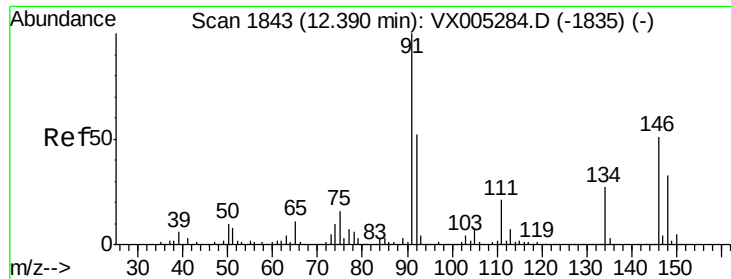
MMDadoda
 10/16/2018 2:23:29 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	133493		
111	37.4	18.1	54.1	
148	64.8	32.0	96.0	





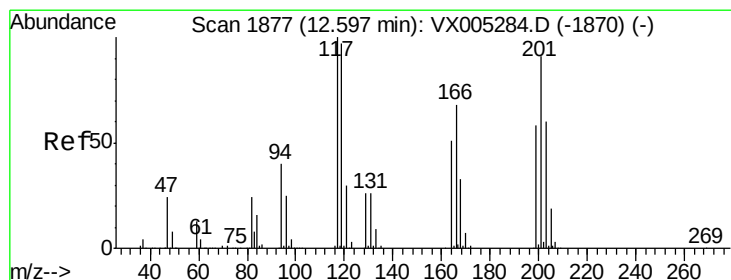
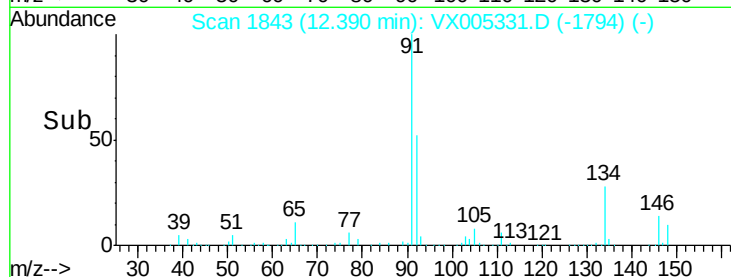
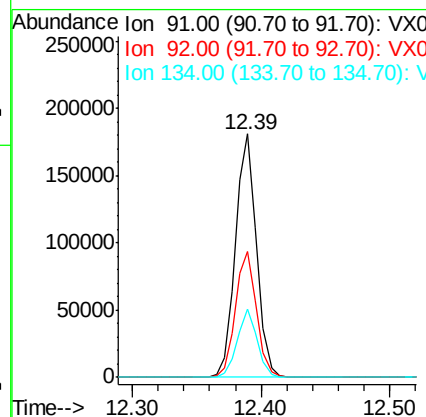
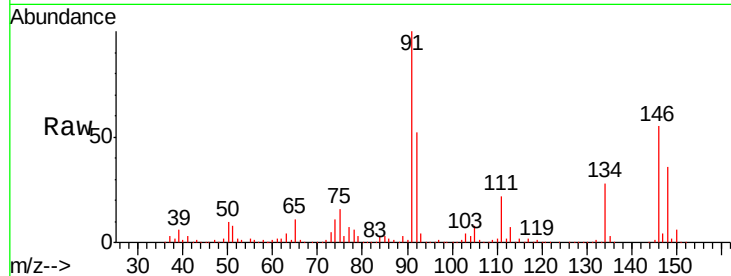
#89
n-Butylbenzene
Concen: 20.22 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.3	81.9
134	26.7	13.6	40.7

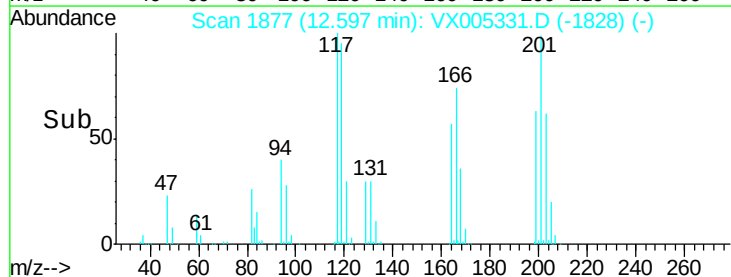
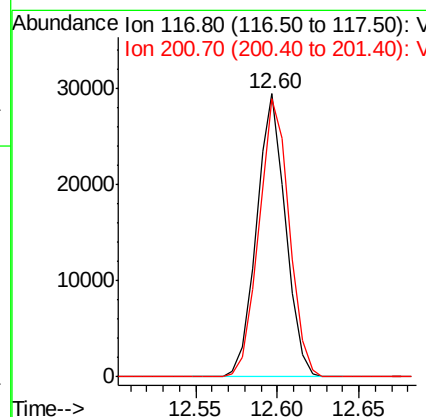
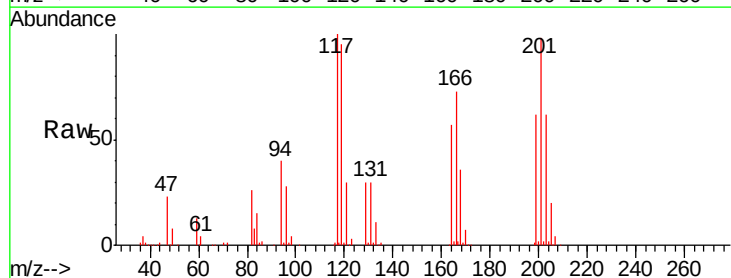
Manual Integrations
APPROVED

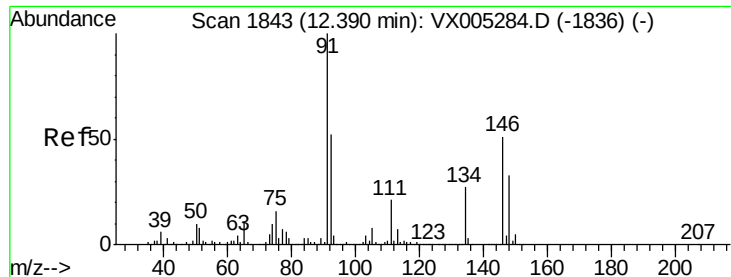
MMDadoda
10/16/2018 2:23:29 PM



#90
Hexachloroethane
Concen: 18.72 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.2	46.9	140.6





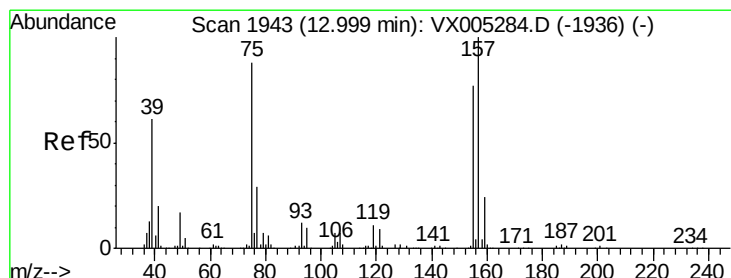
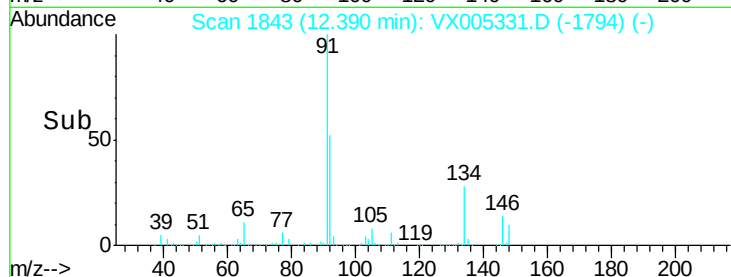
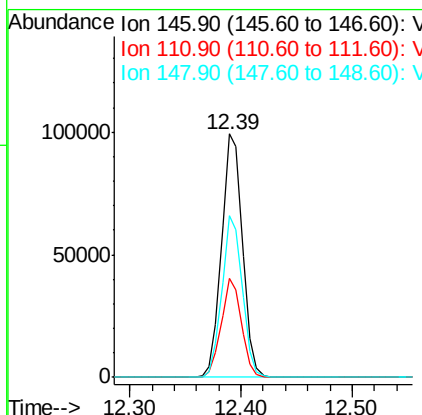
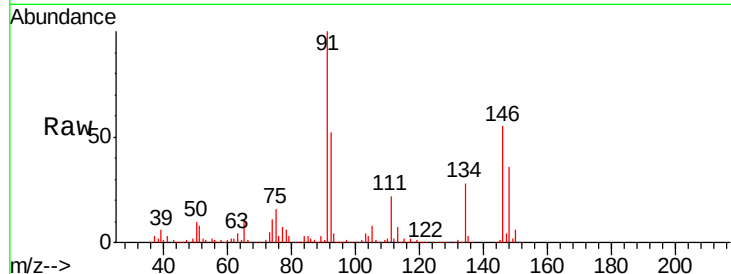
#91
 1,2-Dichlorobenzene
 Concen: 19.38 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.1
148	64.8	32.8	98.3

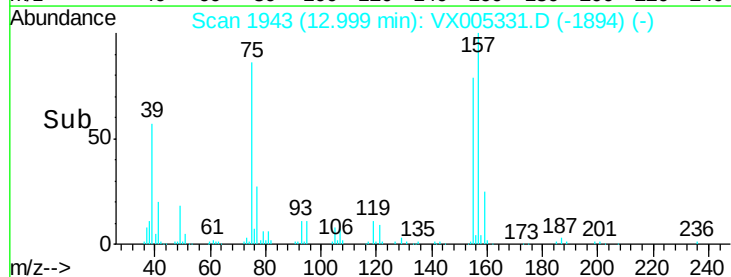
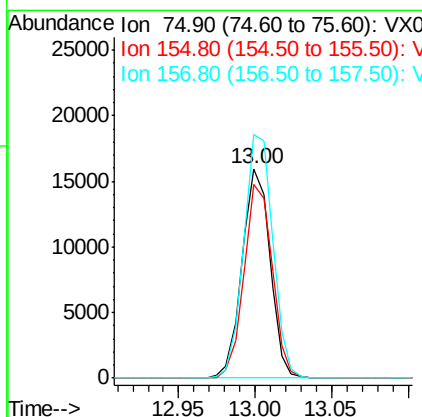
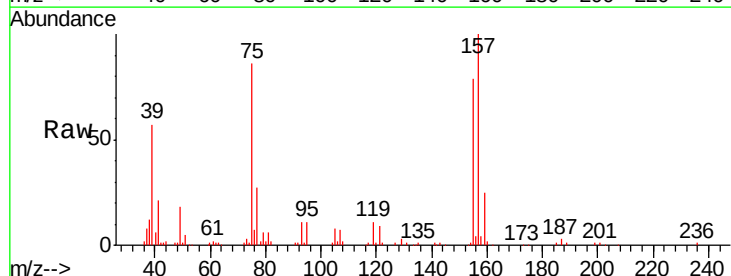
Manual Integrations
 APPROVED

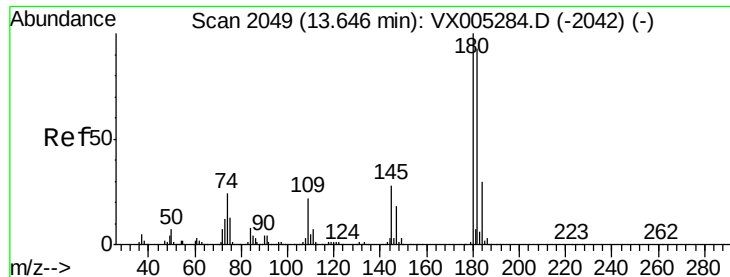
MMDadoda
 10/16/2018 2:23:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.13 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	48.0	144.2
157	121.1	61.4	184.1





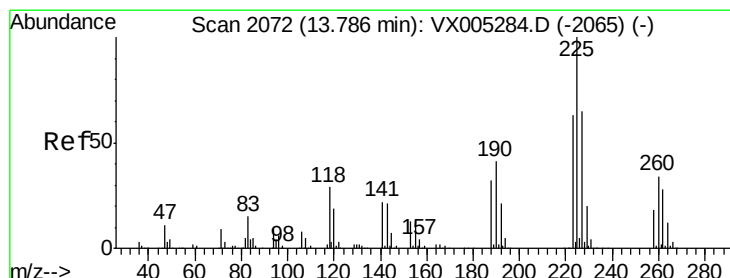
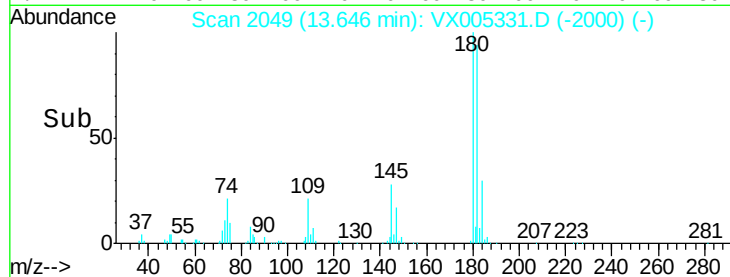
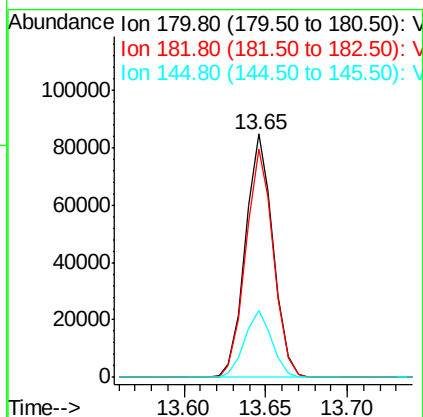
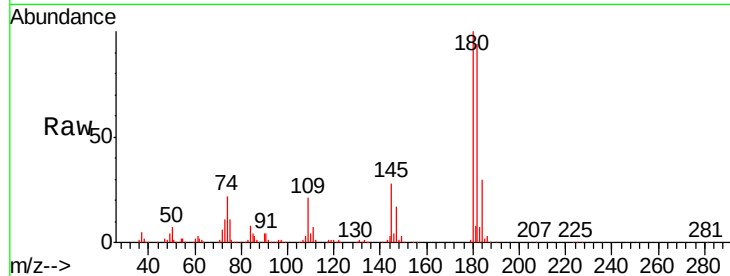
#93
 1,2,4-Trichlorobenzene
 Concen: 20.59 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100311		
182	93.7	48.4	145.0	
145	27.2	14.3	42.9	

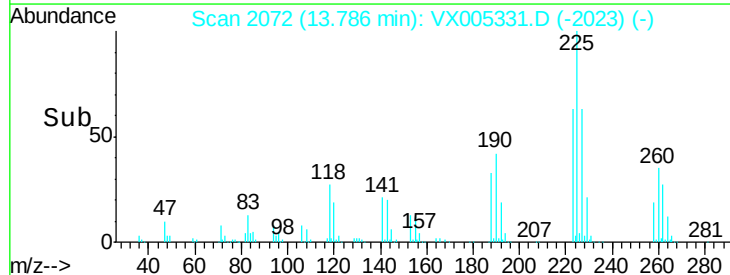
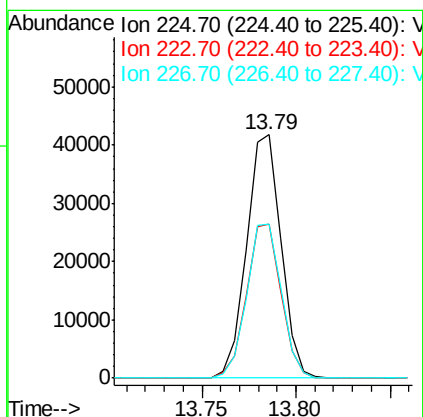
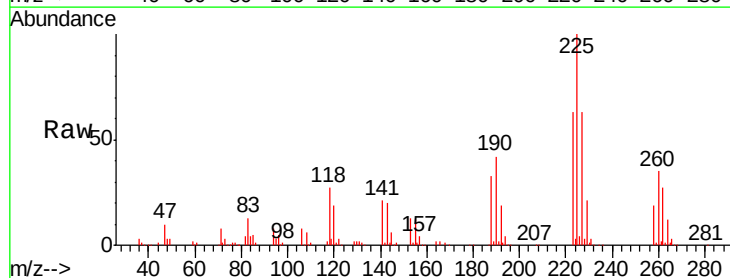
Manual Integrations
 APPROVED

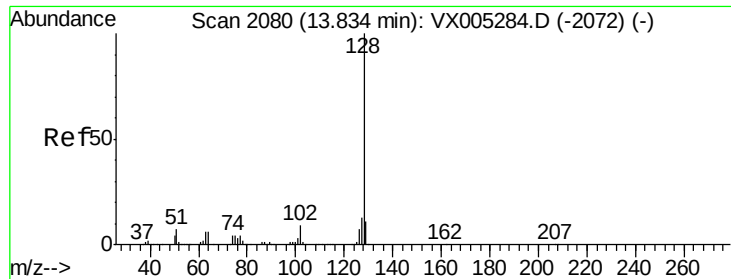
MMDadoda
 10/16/2018 2:23:29 PM



#94
 Hexachlorobutadiene
 Concen: 20.53 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52846		
223	63.7	30.1	90.5	
227	63.9	30.8	92.4	





#95

Naphthalene

Concen: 20.25 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

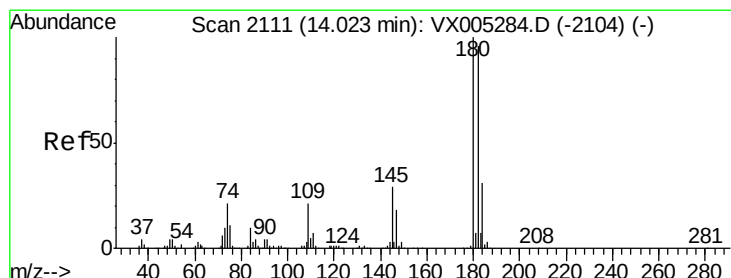
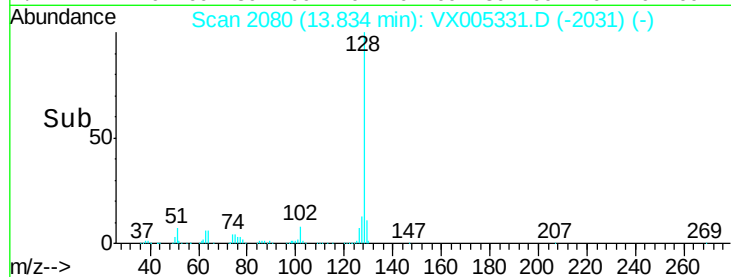
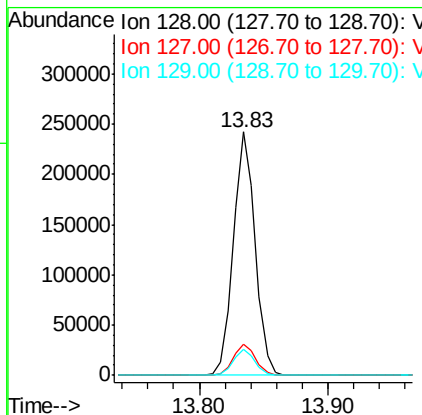
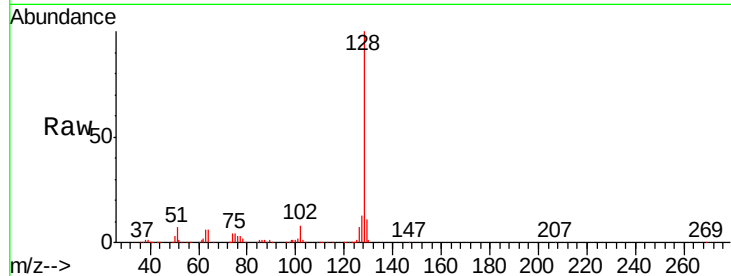
ClientSampleId :

VX1015WBS01

Tgt Ion:	128	Resp:	286127
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:29 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.37 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion:	180	Resp:	101577
Ion Ratio		Lower	Upper
180	100		
182	96.6	48.5	145.6
145	29.3	14.9	44.9

