

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005306.D
 Acq On : 12 Oct 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:06:59 AM

Quant Time: Oct 13 04:56:51 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	278109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197929	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	154745	50.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	5.51	113	132346	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
50) Toluene-d8	8.71	98	444157	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.14	95	163687	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	118193	54.36	ug/l	90
3) Chloromethane	1.32	50	158840	50.41	ug/l	# 88
4) Vinyl Chloride	1.41	62	166125	52.05	ug/l	95
5) Bromomethane	1.64	94	86541	48.03	ug/l	98
6) Chloroethane	1.71	64	104534	56.10	ug/l	95
7) Trichlorofluoromethane	1.92	101	221089	51.91	ug/l	# 82
8) Diethyl Ether	2.19	74	94206	51.79	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	133363	54.25	ug/l	98
10) Methyl Iodide	2.51	142	142983	52.89	ug/l	97
11) Tert butyl alcohol	3.09	59	242374	278.37	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131228	53.88	ug/l	97
13) Acrolein	2.29	56	134322	241.69	ug/l	99
14) Allyl chloride	2.72	41	268213	50.15	ug/l	97
15) Acrylonitrile	3.15	53	522961	265.06	ug/l	96
16) Acetone	2.45	43	428819	240.29	ug/l	90
17) Carbon Disulfide	2.56	76	358940	48.65	ug/l	99
18) Methyl Acetate	2.78	43	276597	54.48	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	439876	51.28	ug/l	# 89
20) Methylene Chloride	2.85	84	143754	55.42	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	144378	53.49	ug/l	90
22) Diisopropyl ether	3.87	45	496249	55.25	ug/l	91
23) Vinyl Acetate	3.82	43	2189095	278.84	ug/l	97
24) 1,1-Dichloroethane	3.70	63	258887	50.29	ug/l	100
25) 2-Butanone	4.71	43	693459	265.58	ug/l	92
26) 2,2-Dichloropropane	4.58	77	182939	47.52	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	152032	51.82	ug/l	100
28) Bromochloromethane	5.01	49	131720	56.13	ug/l	92
29) Tetrahydrofuran	5.16	42	435875	261.70	ug/l	95
30) Chloroform	5.22	83	259302	54.27	ug/l	# 81
31) Cyclohexane	5.57	56	222456	52.43	ug/l	# 90
32) 1,1,1-Trichloroethane	5.49	97	214232	51.53	ug/l	99
36) 1,1-Dichloropropene	5.80	75	194324	54.57	ug/l	98
37) Ethyl Acetate	4.85	43	258436	56.43	ug/l	96
38) Carbon Tetrachloride	5.77	117	189528	52.97	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005306.D
 Acq On : 12 Oct 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:06:59 AM

Quant Time: Oct 13 04:56:51 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	187748	48.71	ug/l	95
40) Benzene	6.15	78	581982	54.48	ug/l	94
41) Methacrylonitrile	5.06	41	134926	54.96	ug/l	95
42) 1,2-Dichloroethane	6.20	62	188006	49.84	ug/l	99
43) Isopropyl Acetate	6.46	43	346659	56.82	ug/l	98
44) Trichloroethene	7.21	130	134181	49.18	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131806	50.30	ug/l	100
46) Dibromomethane	7.66	93	85619	49.51	ug/l	99
47) Bromodichloromethane	7.90	83	166014	51.89	ug/l	99
48) Methyl methacrylate	7.77	41	166219	52.53	ug/l	95
49) 1,4-Dioxane	7.76	88	75954	1040.78	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1132417	268.09	ug/l	96
52) Toluene	8.79	92	311067	53.23	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	183280	52.94	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	200140	53.35	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	128300	51.83	ug/l	97
56) Ethyl methacrylate	9.18	69	200513	55.56	ug/l	95
57) 1,3-Dichloropropane	9.37	76	215360	52.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	564793	279.08	ug/l	95
59) 2-Hexanone	9.50	43	901587	265.34	ug/l	94
60) Dibromochloromethane	9.59	129	137284	53.65	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135131	52.02	ug/l	99
64) Tetrachloroethene	9.34	164	138003	49.74	ug/l	98
65) Chlorobenzene	10.14	112	351958	48.01	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	128825	49.32	ug/l	99
67) Ethyl Benzene	10.25	91	603269	50.62	ug/l	97
68) m/p-Xylenes	10.36	106	473622	102.40	ug/l	95
69) o-Xylene	10.70	106	226946	50.88	ug/l	97
70) Styrene	10.71	104	384168	52.36	ug/l	97
71) Bromoform	10.86	173	116462	49.89	ug/l	99
73) Isopropylbenzene	11.02	105	617110	52.45	ug/l	100
74) N-amyl acetate	10.90	43	290367	51.17	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	214180	48.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	199031m	51.84	ug/l	
77) Bromobenzene	11.26	156	167939	49.92	ug/l	99
78) n-propylbenzene	11.36	91	703959	51.99	ug/l	100
79) 2-Chlorotoluene	11.42	91	420977	50.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	534294	53.03	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61446	48.63	ug/l	99
82) 4-Chlorotoluene	11.51	91	502070	51.08	ug/l	99
83) tert-Butylbenzene	11.77	119	528106	51.76	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	548166	52.87	ug/l	98
85) sec-Butylbenzene	11.94	105	629814	52.16	ug/l	99
86) p-Isopropyltoluene	12.07	119	573685	52.56	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	310171	49.34	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	315275	49.02	ug/l	99
89) n-Butylbenzene	12.39	91	501376	50.60	ug/l	98
90) Hexachloroethane	12.60	117	92341	49.09	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	317659	49.52	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52511	48.50	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005306.D
Acq On : 12 Oct 2018 21:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

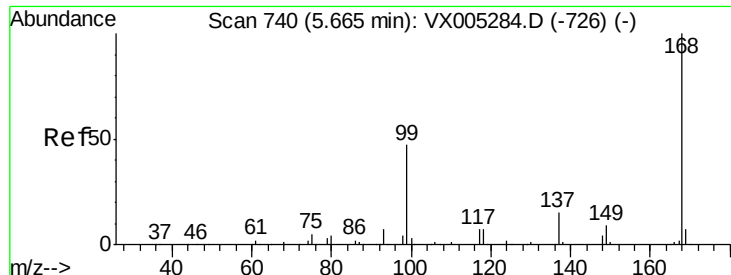
Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM

Quant Time: Oct 13 04:56:51 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	240812	51.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	122329	49.21	ug/l	97
95) Naphthalene	13.83	128	741094	54.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	247097	51.31	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 278109

Ion Ratio Lower Upper

168 100

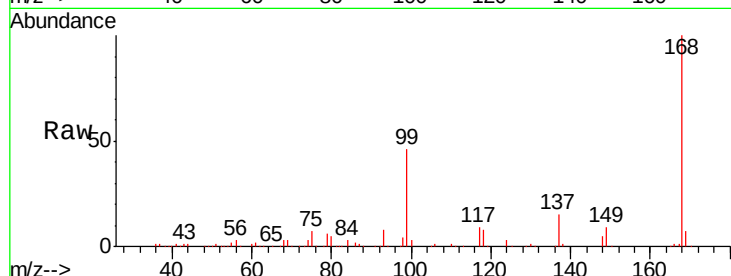
99 45.6 39.9 59.9

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:06:59 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

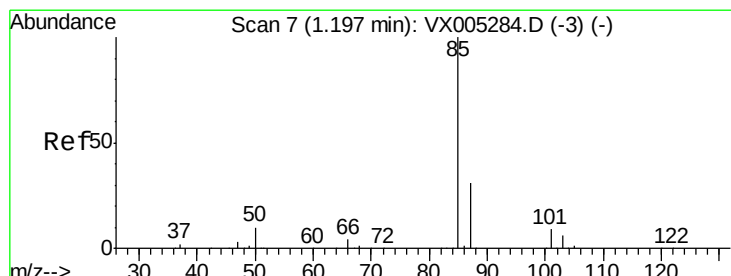
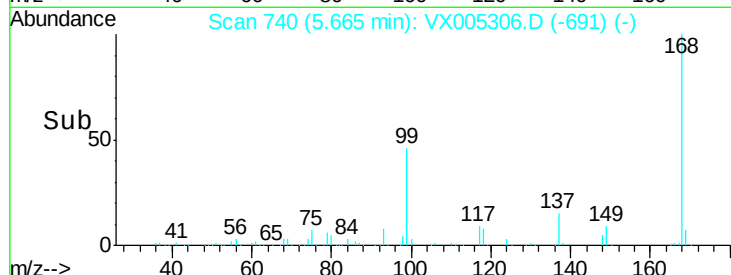
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.36 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005306.D

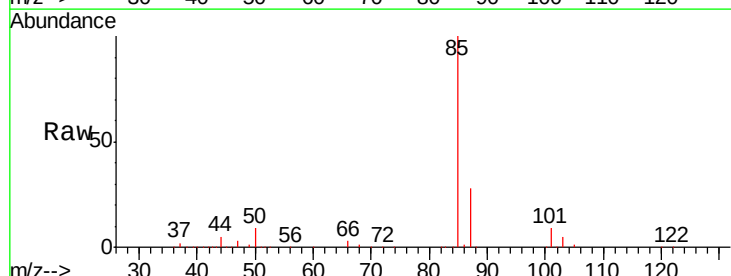
Acq: 12 Oct 2018 21:24

Tgt Ion: 85 Resp: 118193

Ion Ratio Lower Upper

85 100

87 28.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

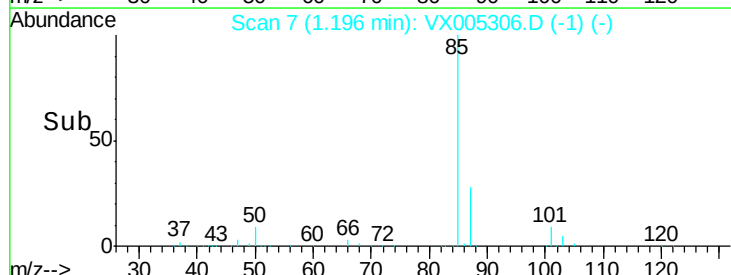
1.20

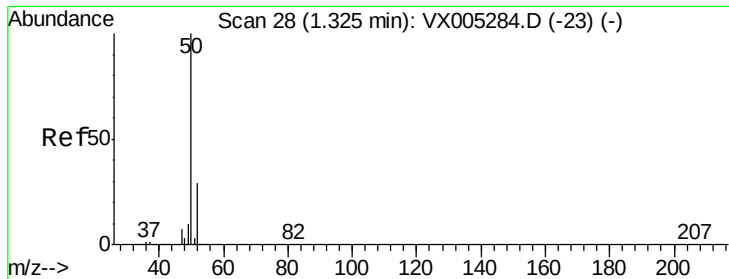
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.41 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

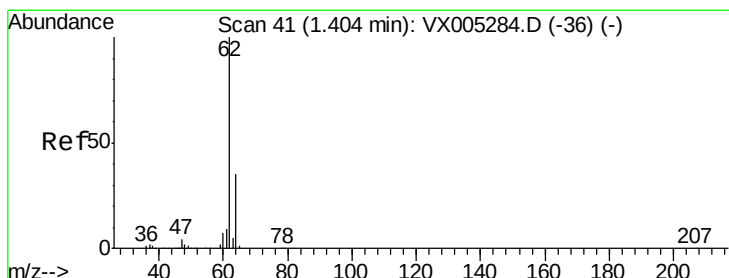
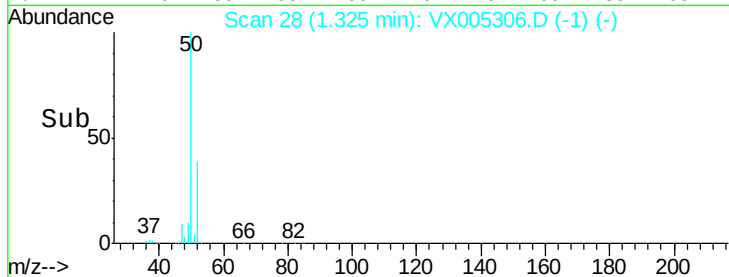
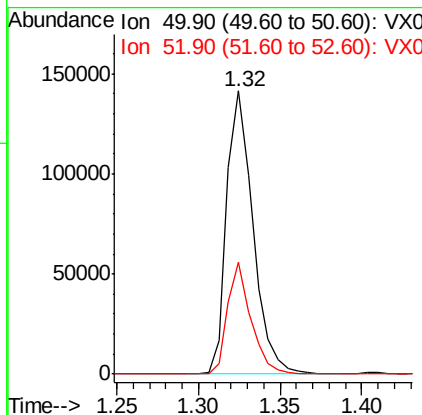
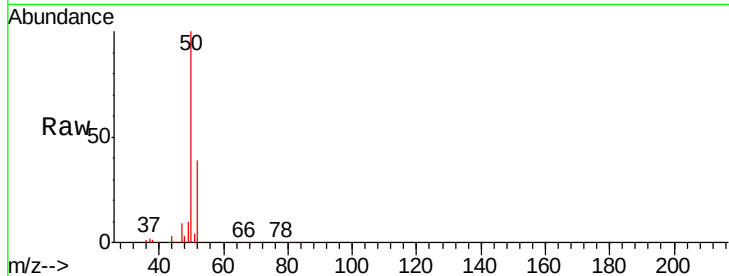
Tgt Ion: 50 Resp: 158840
Ion Ratio Lower Upper

50 100

52 39.3 26.2 39.2#

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#4

Vinyl Chloride

Concen: 52.05 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

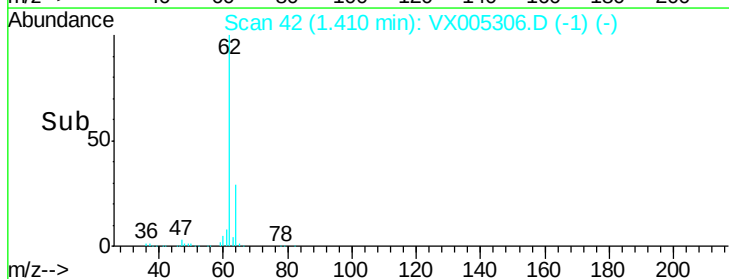
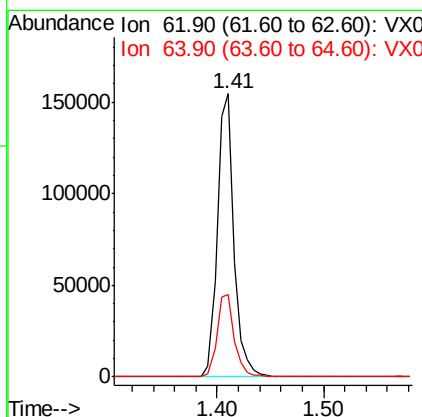
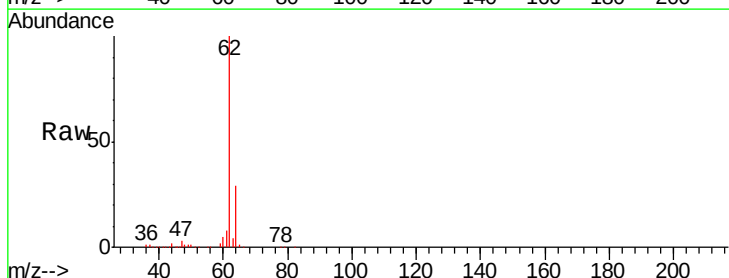
Lab File: VX005306.D

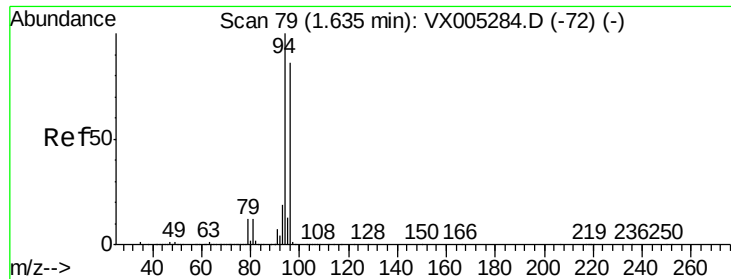
Acq: 12 Oct 2018 21:24

Tgt Ion: 62 Resp: 166125
Ion Ratio Lower Upper

62 100

64 29.3 25.8 38.8





#5

Bromomethane

Concen: 48.03 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 86541

Ion Ratio Lower Upper

94 100

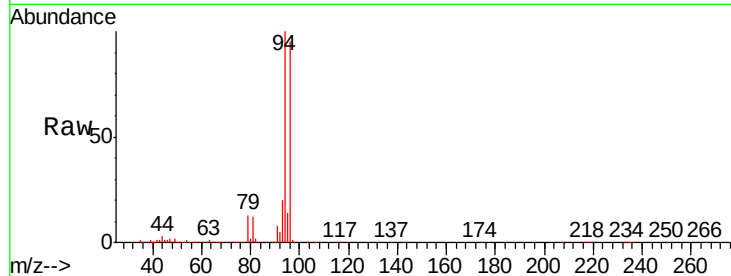
96 95.0 74.5 111.7

Manual Integrations

APPROVED

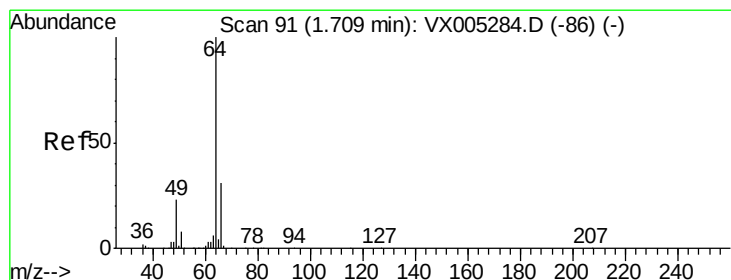
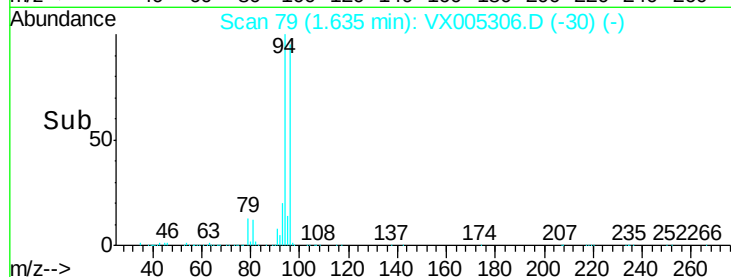
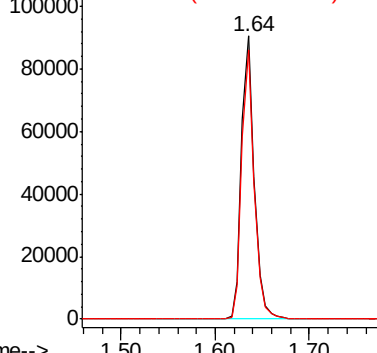
MMDadoda

10/17/2018 9:06:59 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.10 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005306.D

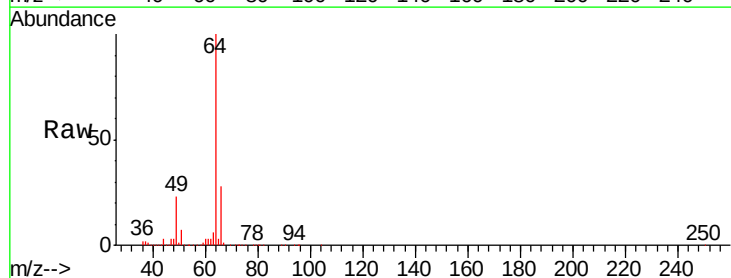
Acq: 12 Oct 2018 21:24

Tgt Ion: 64 Resp: 104534

Ion Ratio Lower Upper

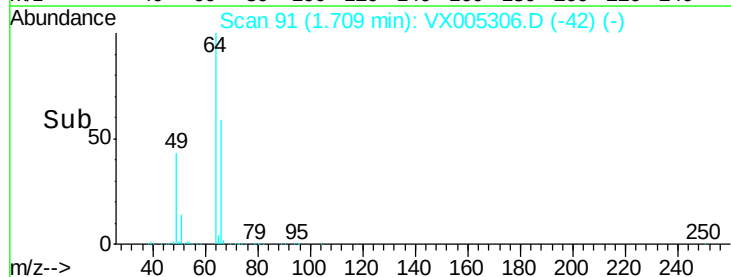
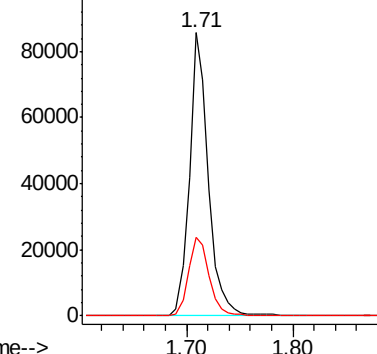
64 100

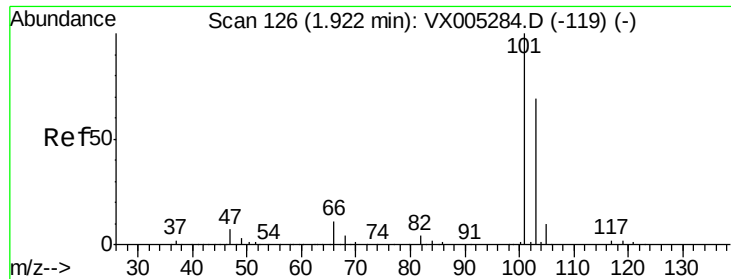
66 27.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

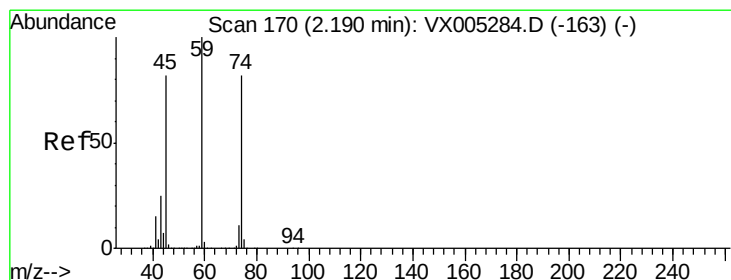
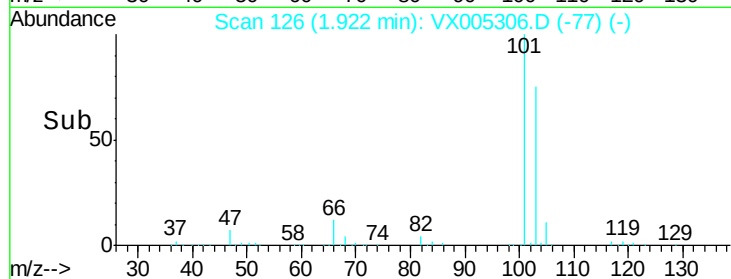
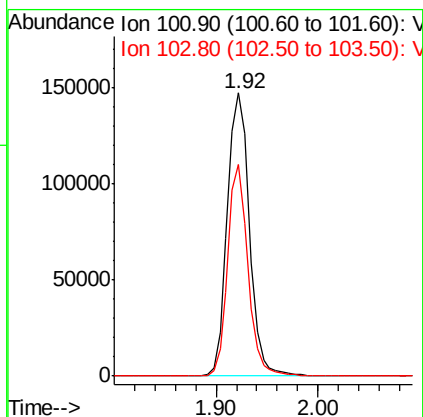
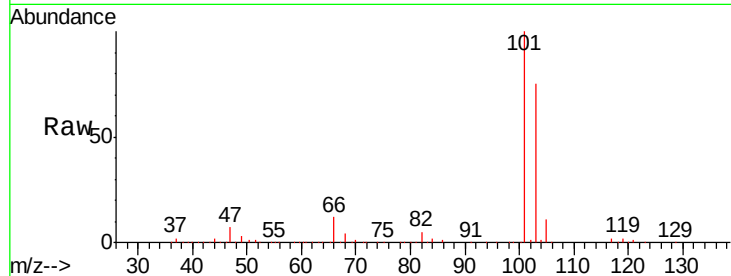
Trichlorofluoromethane
Concen: 51.91 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 221089
Ion Ratio Lower Upper
101 100
103 75.0 48.9 73.3#

Manual Integrations
APPROVED

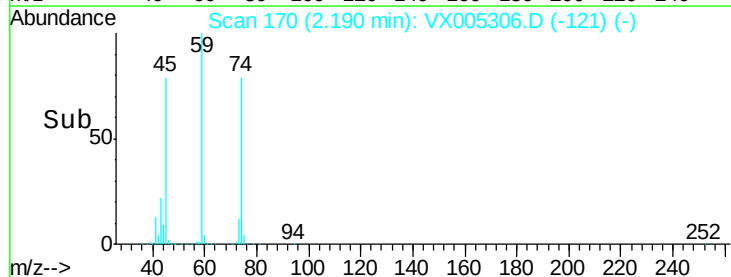
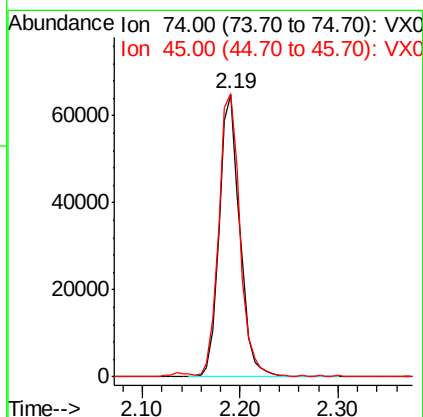
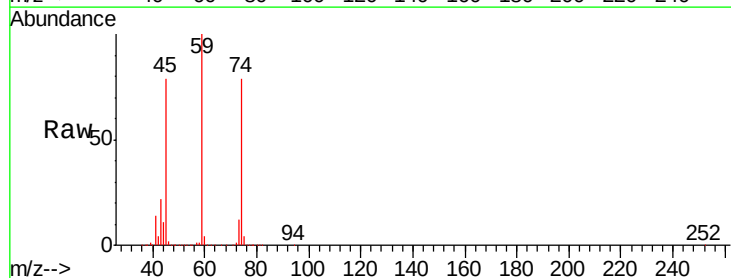
MMDadoda
10/17/2018 9:06:59 AM

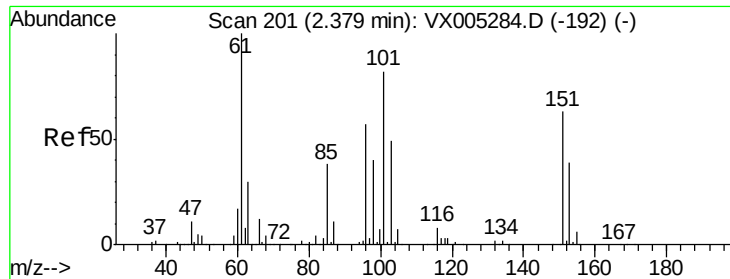


#8

Diethyl Ether
Concen: 51.79 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 74 Resp: 94206
Ion Ratio Lower Upper
74 100
45 102.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.25 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

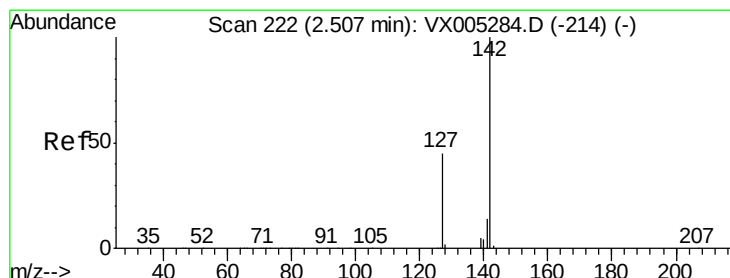
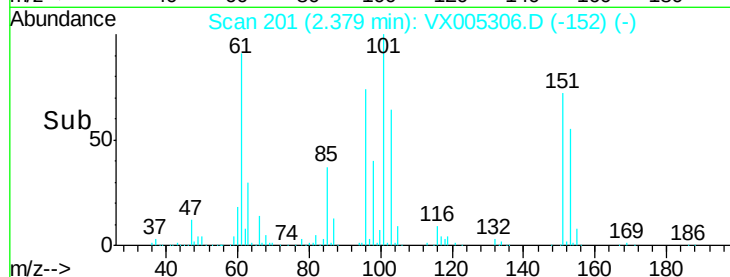
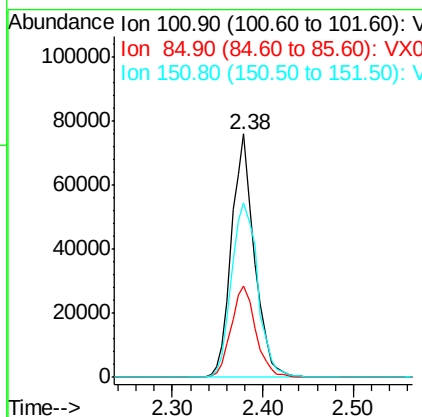
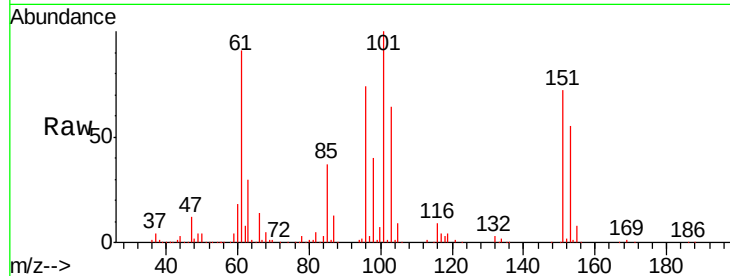
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	133363
Ion Ratio	Lower	Upper	
101	100		
85	40.4	34.2	51.4
151	82.5	65.0	97.6

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#10

Methyl Iodide

Concen: 52.89 ug/l

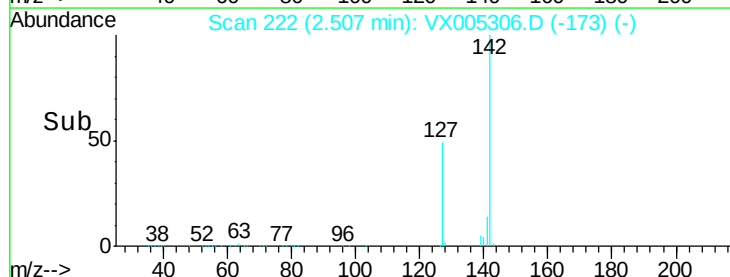
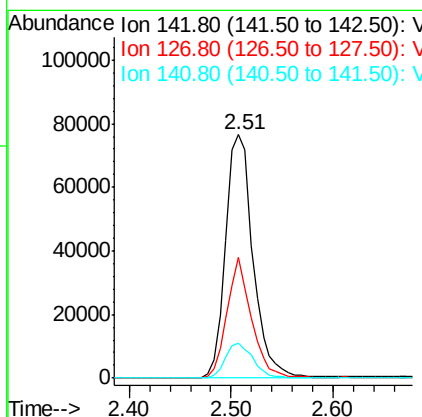
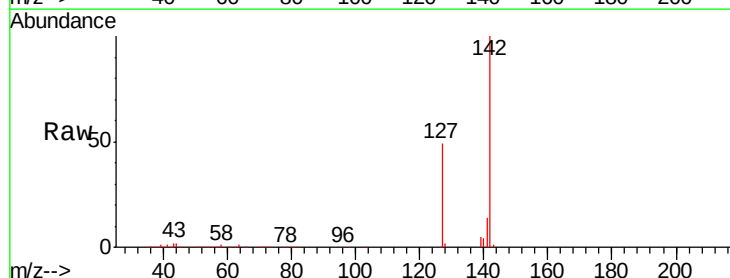
RT: 2.51 min Scan# 222

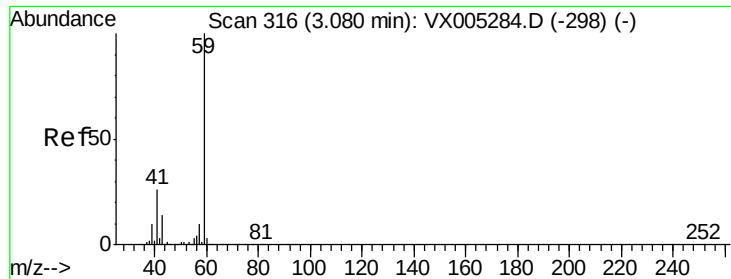
Delta R.T. 0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion:	142	Resp:	142983
Ion Ratio	Lower	Upper	
142	100		
127	44.1	33.8	50.6
141	14.6	11.4	17.0





#11

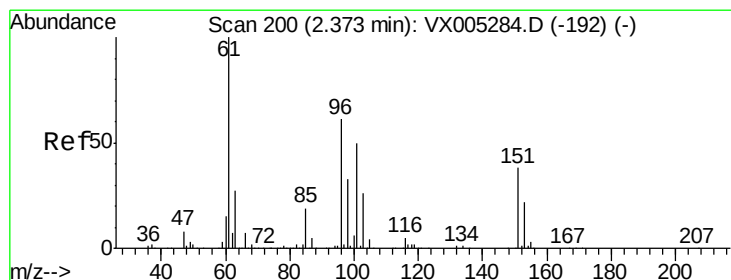
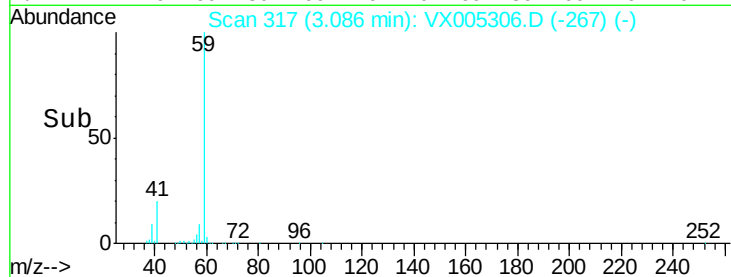
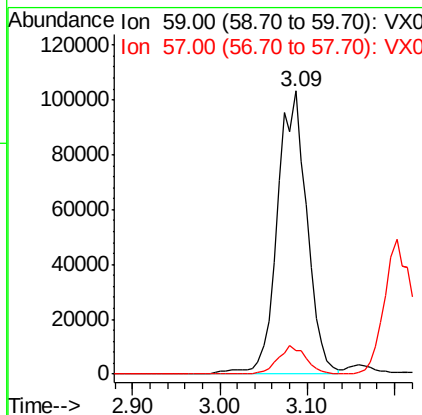
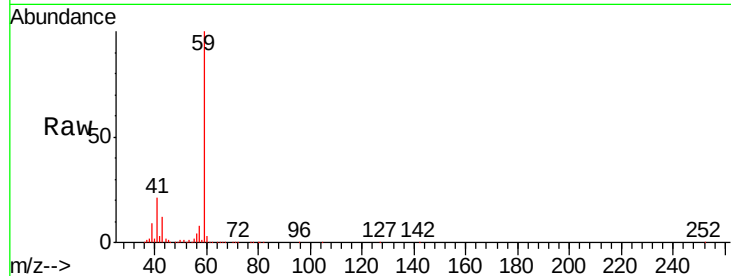
Tert butyl alcohol
Concen: 278.37 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.2	12.4

Manual Integrations
APPROVED

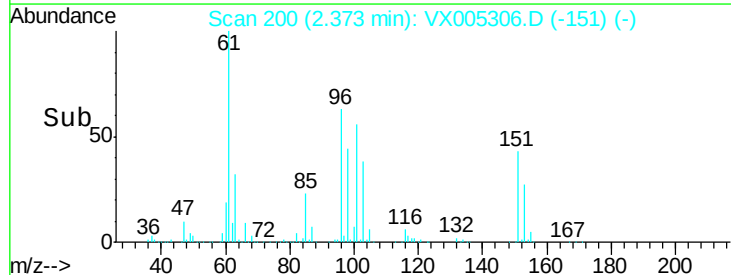
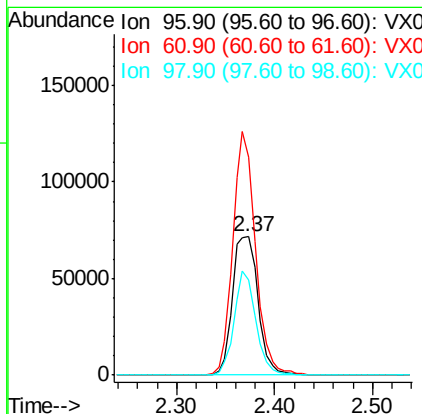
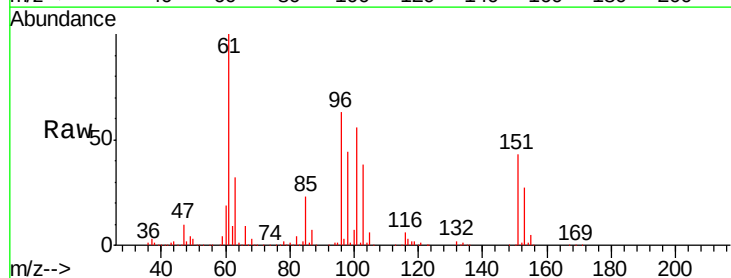
MMDadoda
10/17/2018 9:06:59 AM

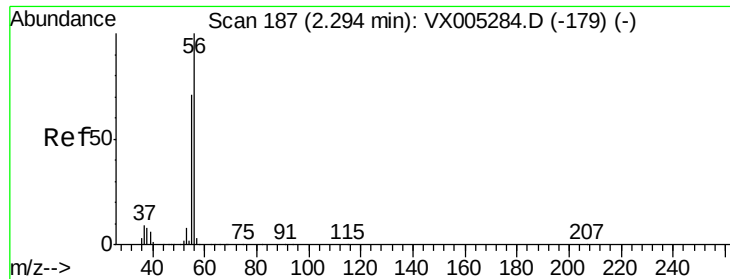


#12

1,1-Dichloroethene
Concen: 53.88 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	128.8	193.2
98	69.4	52.2	78.2





#13

Acrolein

Concen: 241.69 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 134322

Ion Ratio Lower Upper

56 100

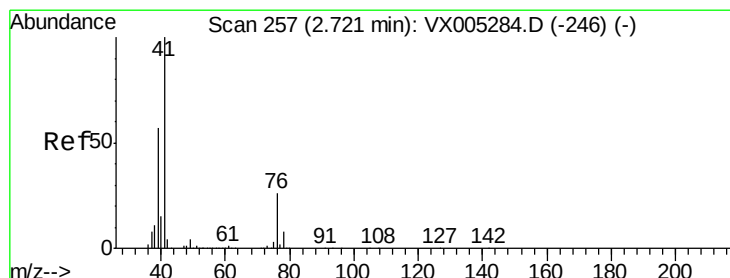
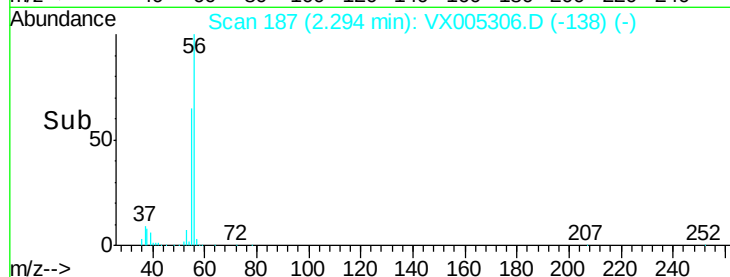
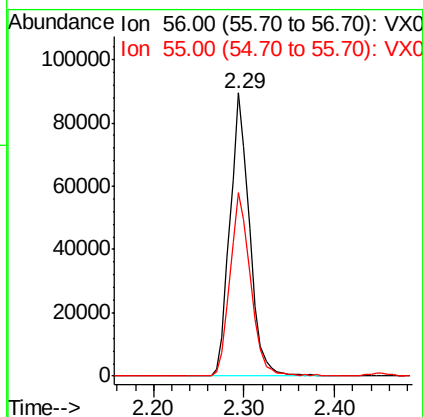
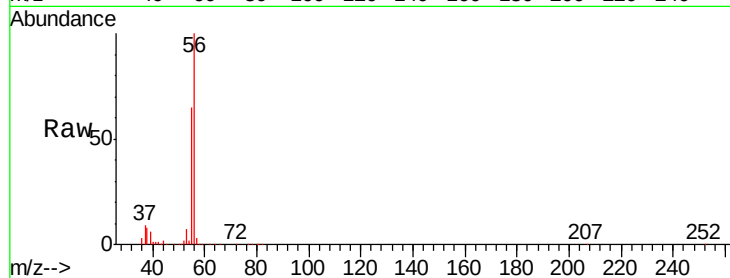
55 67.7 54.7 82.1

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:06:59 AM



#14

Allyl chloride

Concen: 50.15 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

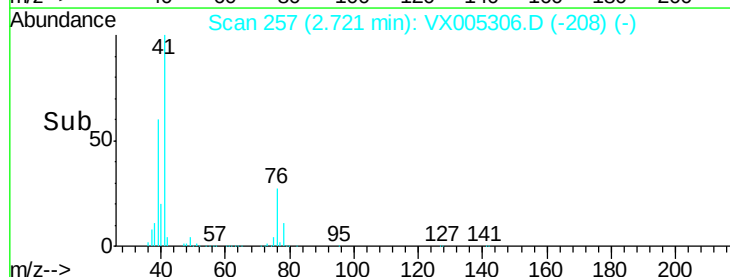
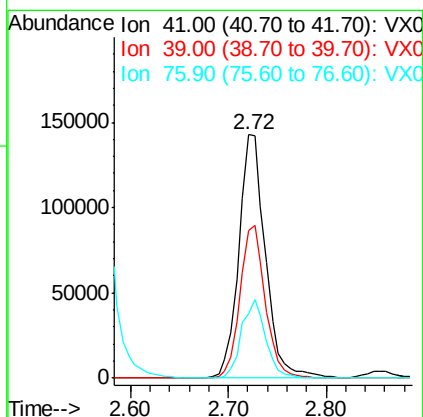
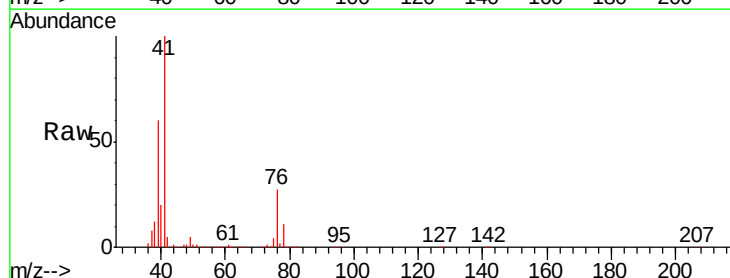
Tgt Ion: 41 Resp: 268213

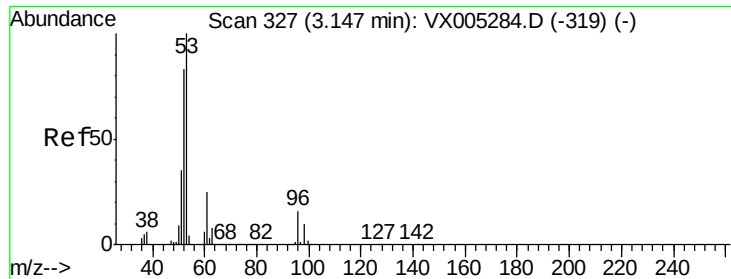
Ion Ratio Lower Upper

41 100

39 59.8 48.9 73.3

76 29.7 26.7 40.1





#15

Acrylonitrile

Concen: 265.06 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

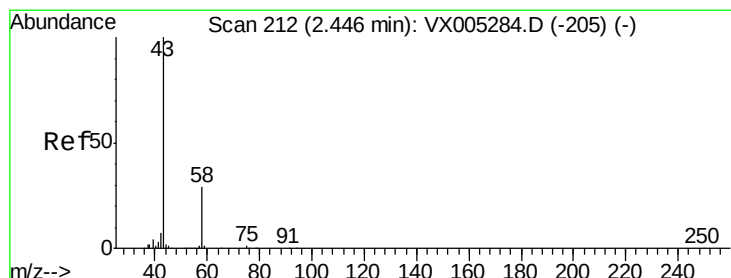
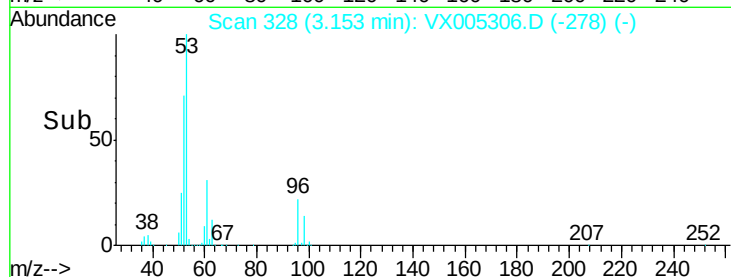
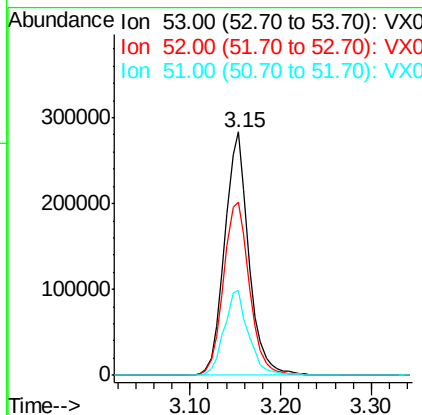
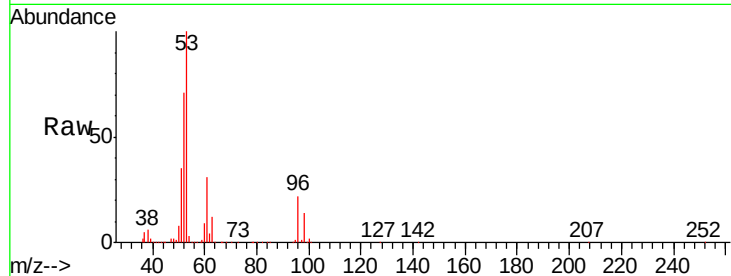
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	522961
Ion	Ratio	Lower	Upper
53	100		
52	76.3	65.2	97.8
51	35.6	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#16

Acetone

Concen: 240.29 ug/l

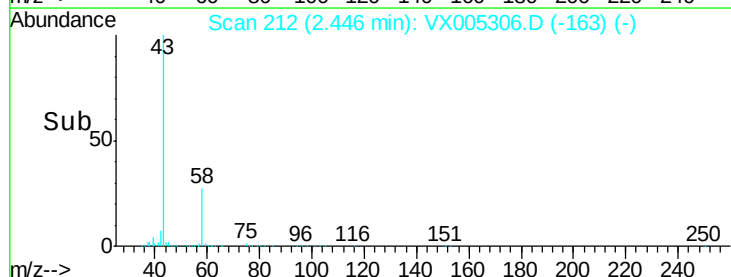
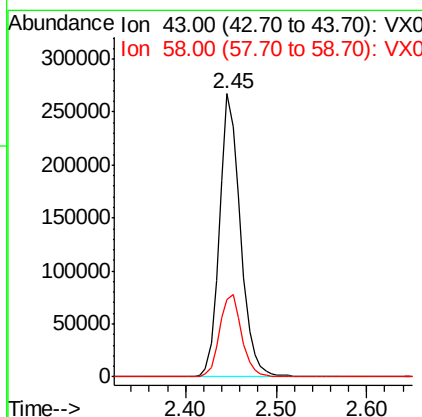
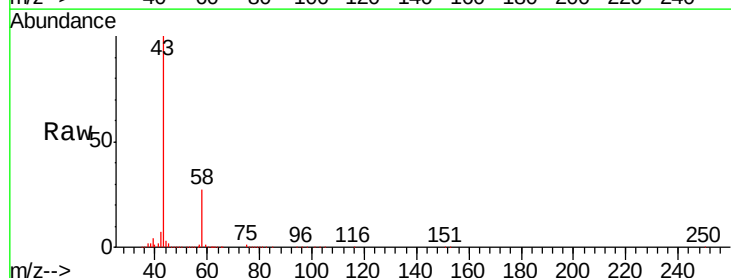
RT: 2.45 min Scan# 212

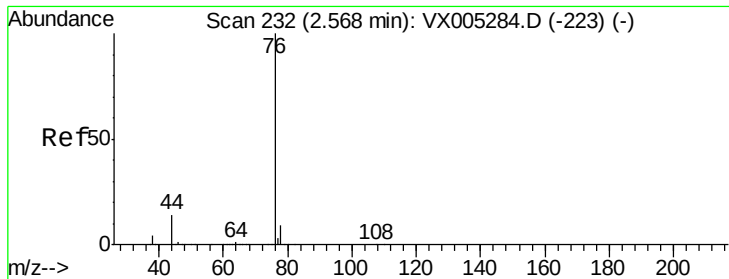
Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion:	43	Resp:	428819
Ion	Ratio	Lower	Upper
43	100		
58	27.2	26.2	39.4





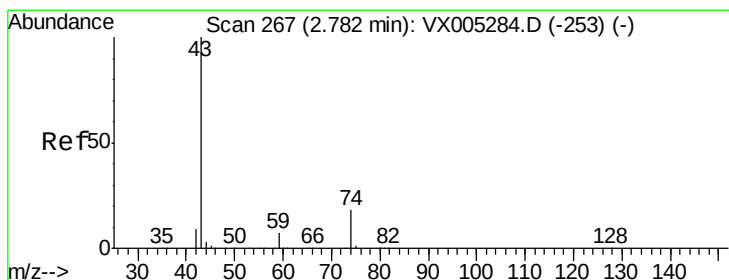
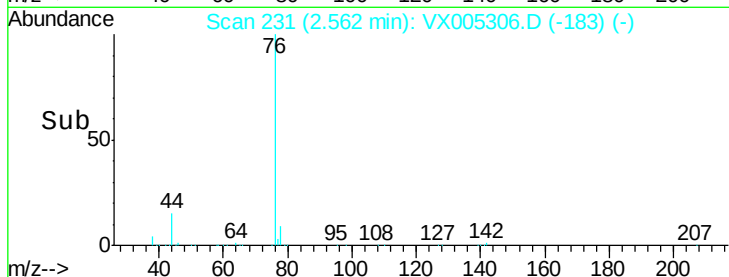
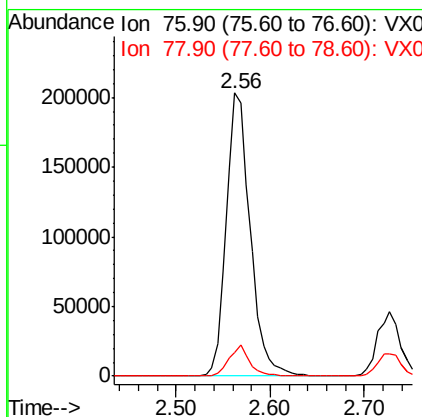
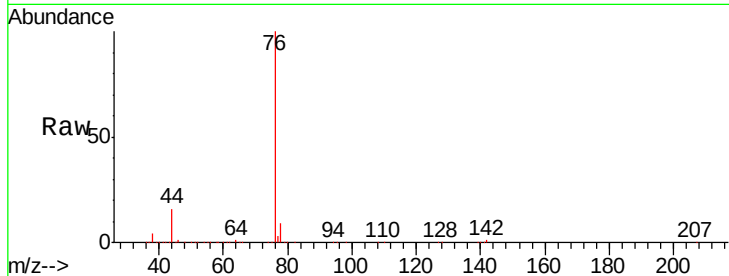
#17
Carbon Disulfide
Concen: 48.65 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

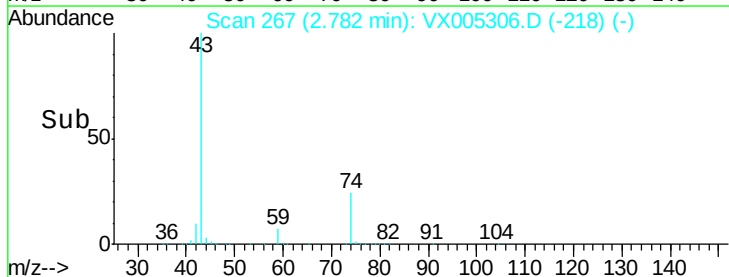
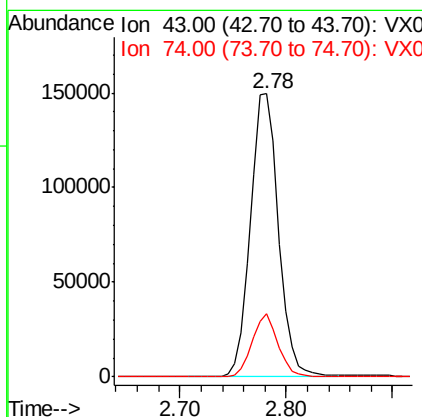
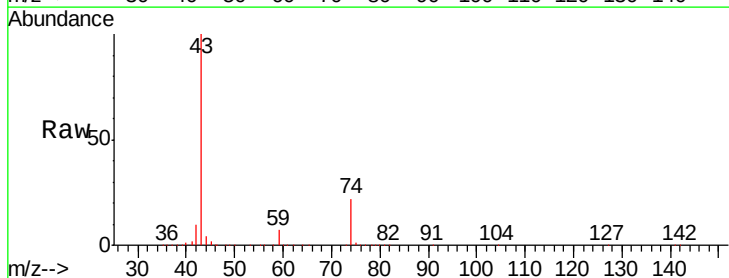
Manual Integrations
APPROVED

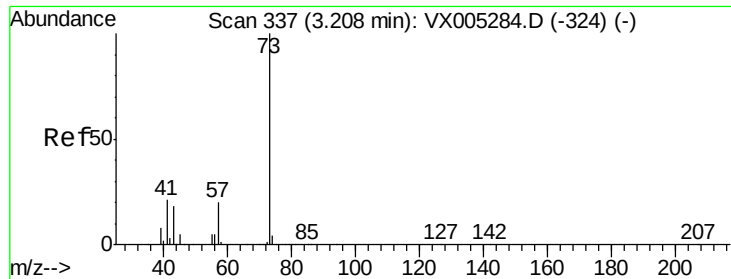
MMDadoda
10/17/2018 9:06:59 AM



#18
Methyl Acetate
Concen: 54.48 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	19.4	29.2





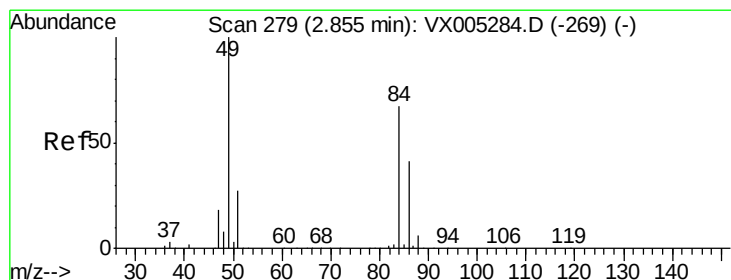
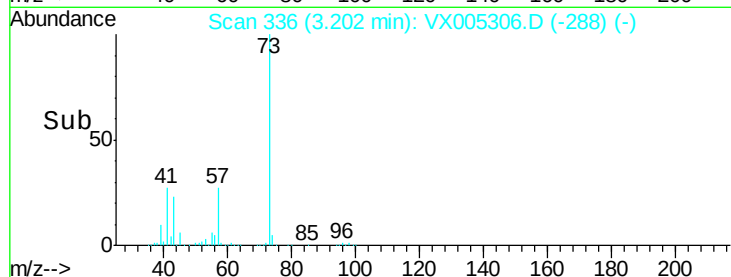
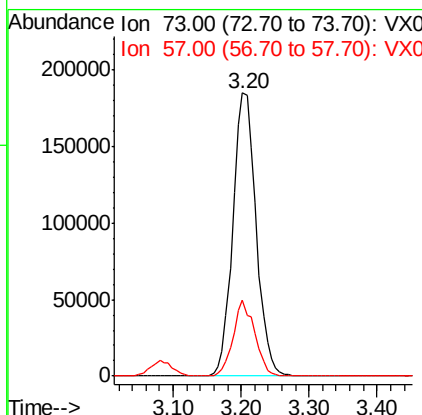
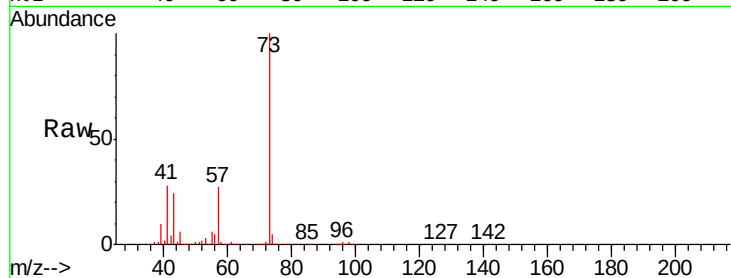
#19
Methyl tert-butyl Ether
Concen: 51.28 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 439876
Ion Ratio Lower Upper
73 100
57 26.6 17.1 25.7#

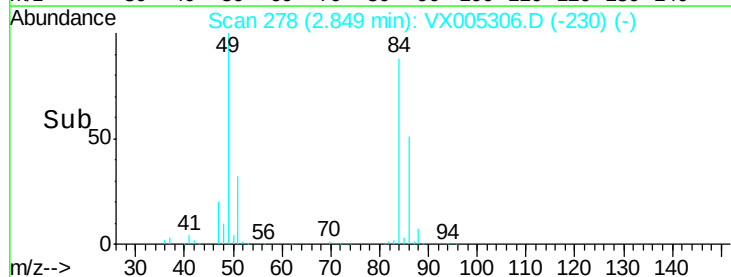
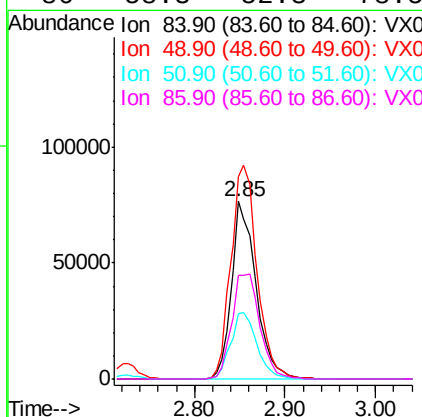
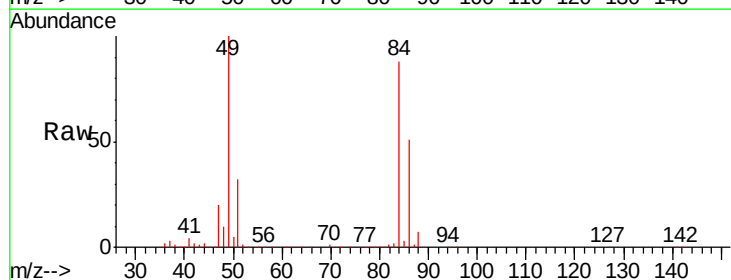
Manual Integrations
APPROVED

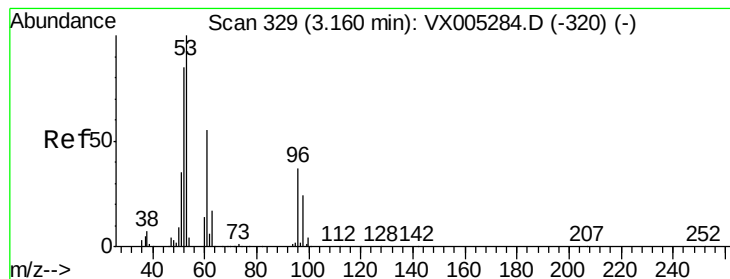
MMDadoda
10/17/2018 9:06:59 AM



#20
Methylene Chloride
Concen: 55.42 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 84 Resp: 143754
Ion Ratio Lower Upper
84 100
49 113.8 101.2 151.8
51 36.6 29.5 44.3
86 58.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 53.49 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 144378
Ion Ratio Lower Upper

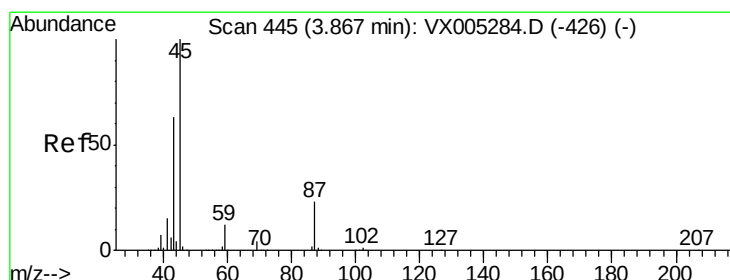
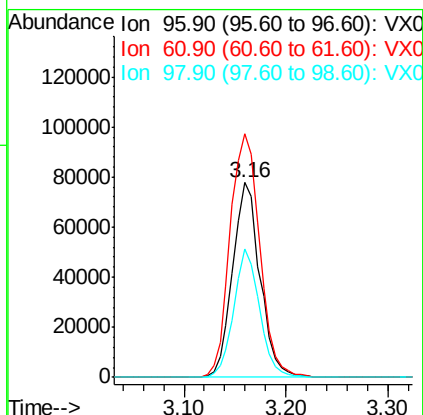
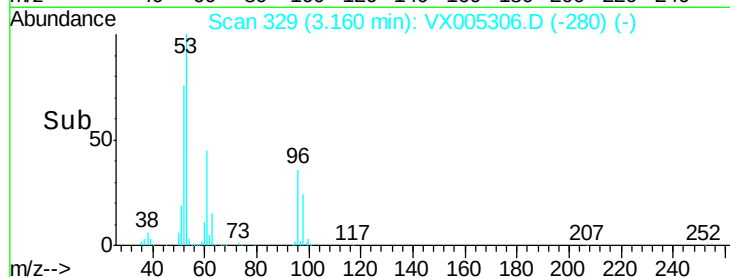
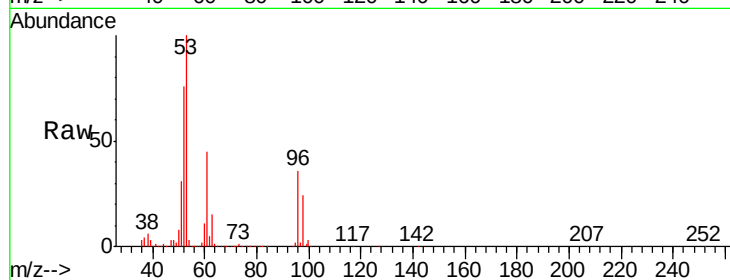
96 100

61 124.6 113.8 170.6

98 65.6 51.8 77.8

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#22

Diisopropyl ether

Concen: 55.25 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

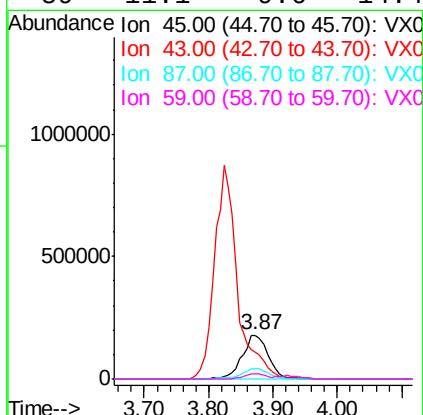
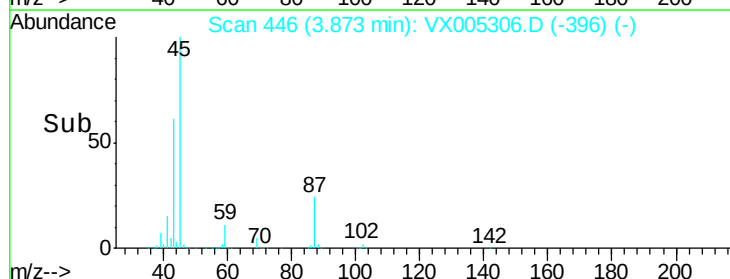
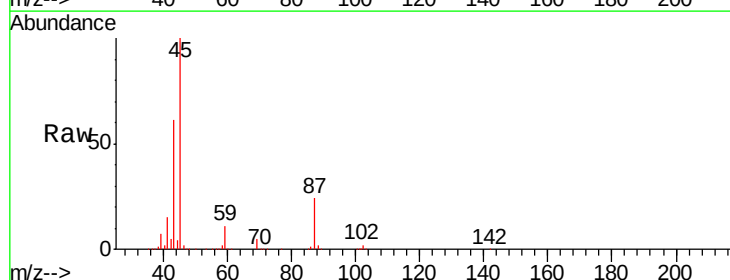
Tgt Ion: 45 Resp: 496249
Ion Ratio Lower Upper

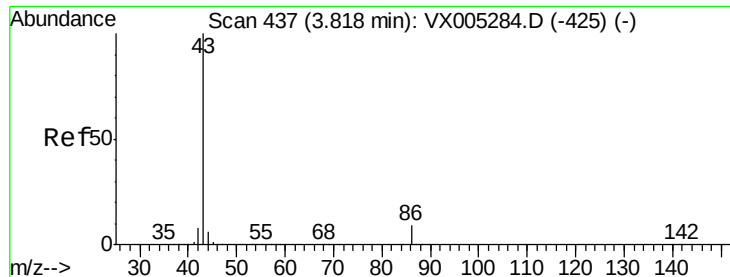
45 100

43 60.8 42.8 64.2

87 23.8 22.6 34.0

59 11.1 9.6 14.4





#23

Vinyl Acetate

Concen: 278.84 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2189095

Ion Ratio Lower Upper

43 100

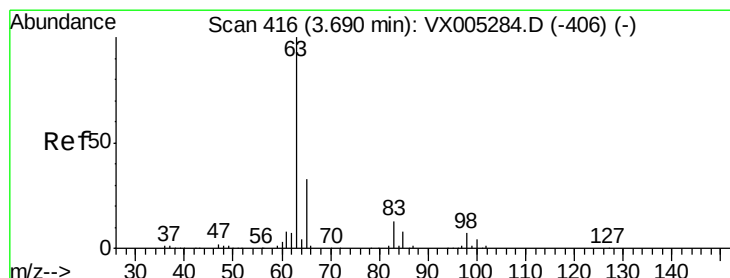
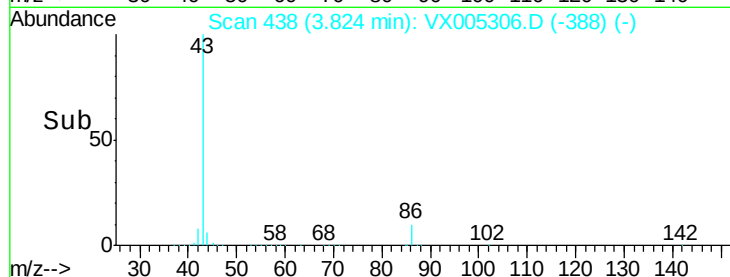
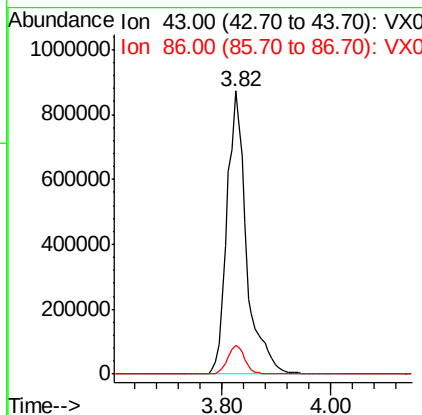
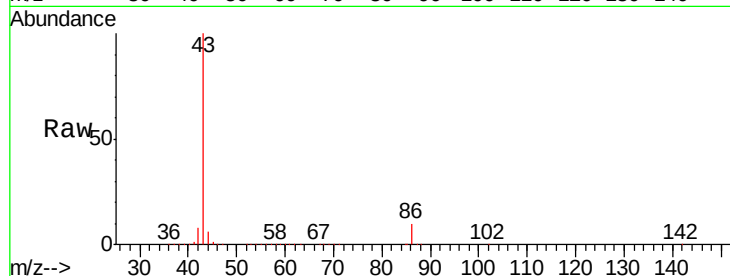
86 10.1 8.9 13.3

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:06:59 AM



#24

1,1-Dichloroethane

Concen: 50.29 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

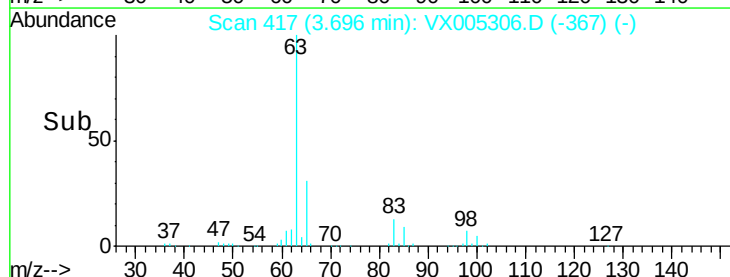
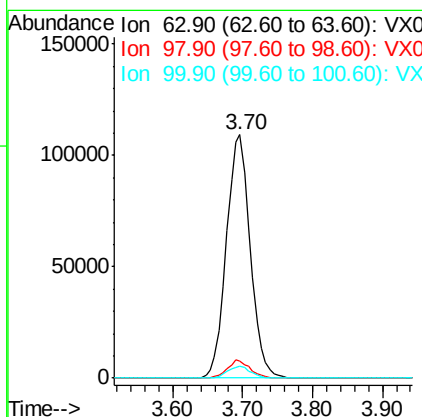
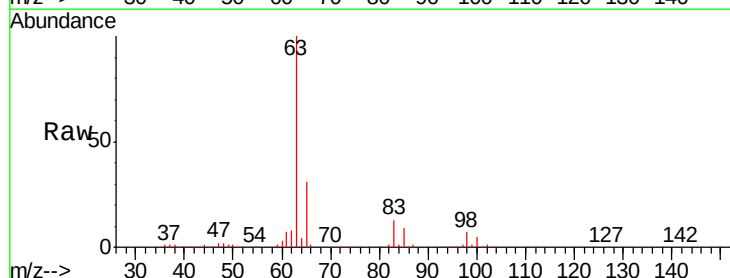
Tgt Ion: 63 Resp: 258887

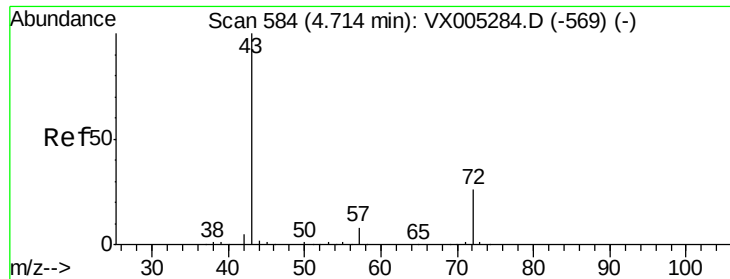
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 265.58 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 693459

Ion Ratio Lower Upper

43 100

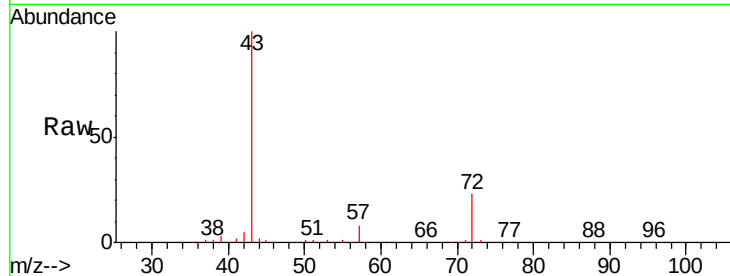
72 23.5 22.0 33.0

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:06:59 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

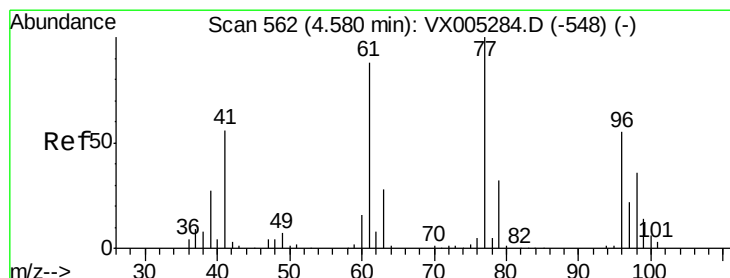
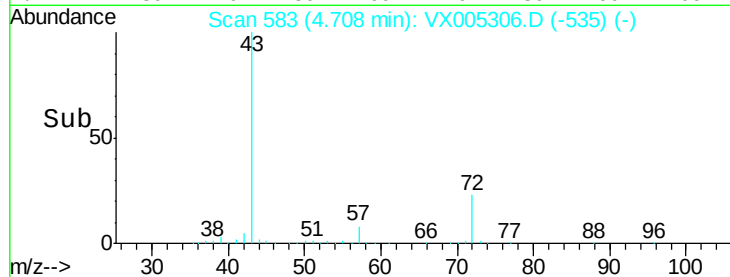
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.52 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005306.D

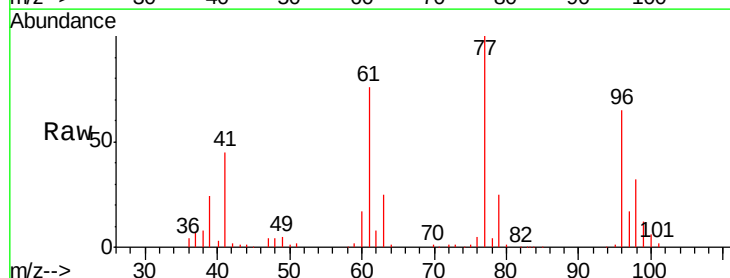
Acq: 12 Oct 2018 21:24

Tgt Ion: 77 Resp: 182939

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

80000

60000

40000

20000

0

4.40

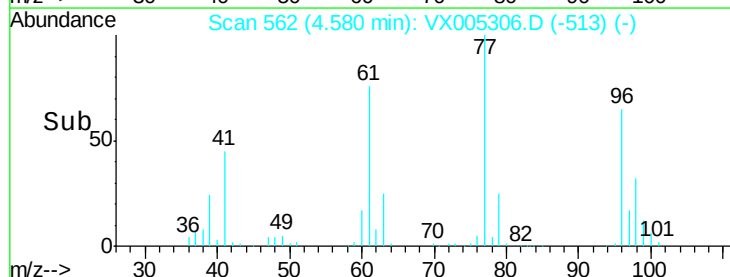
4.50

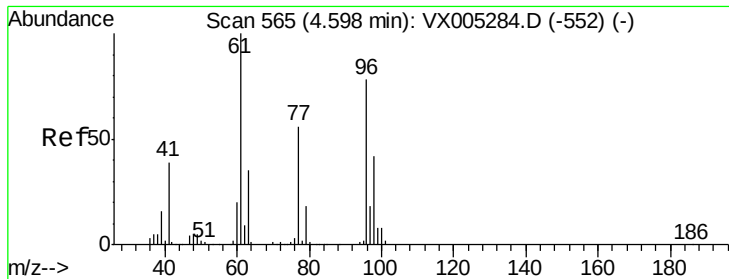
4.60

4.70

4.80

Time-->





#27

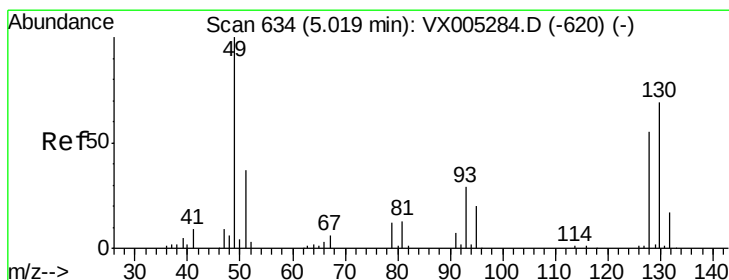
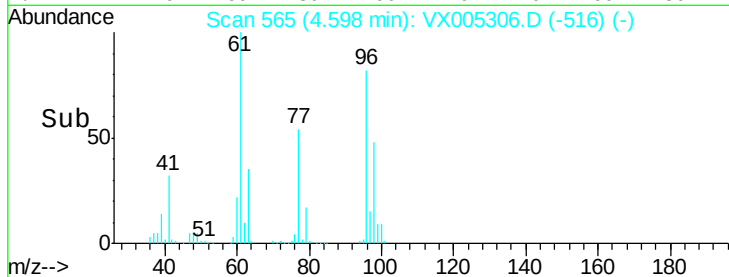
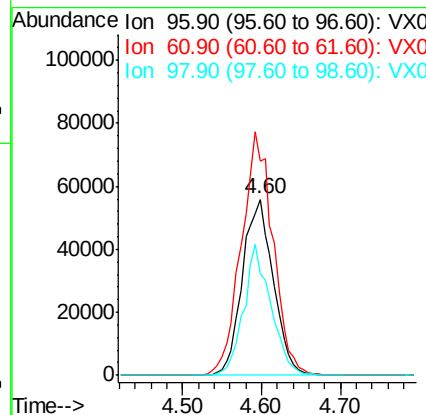
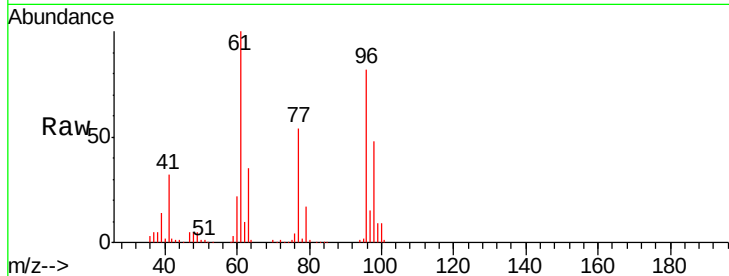
cis-1,2-Dichloroethene
Concen: 51.82 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	152032		
61	141.7	0.0	282.6	
98	65.7	0.0	130.2	

Manual Integrations
APPROVED

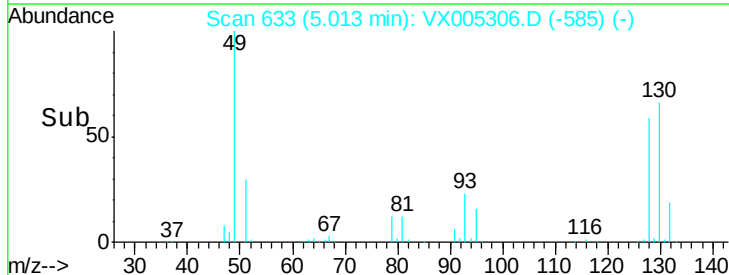
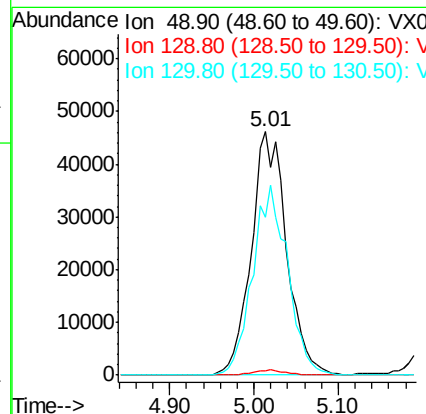
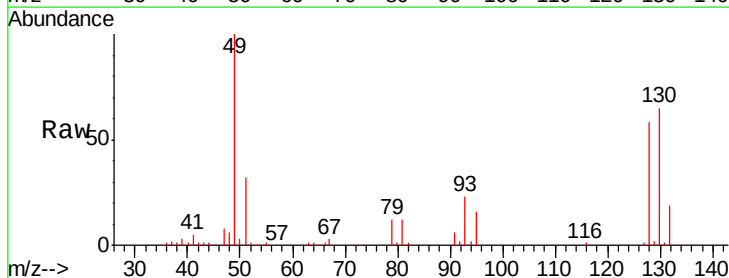
MMDadoda
10/17/2018 9:06:59 AM

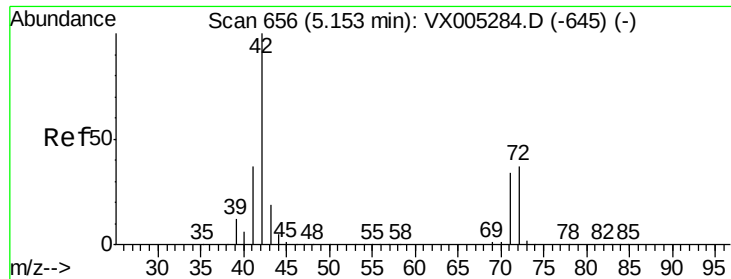


#28

Bromochloromethane
Concen: 56.13 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131720		
129	2.0	0.0	4.2	
130	76.9	67.5	101.3	





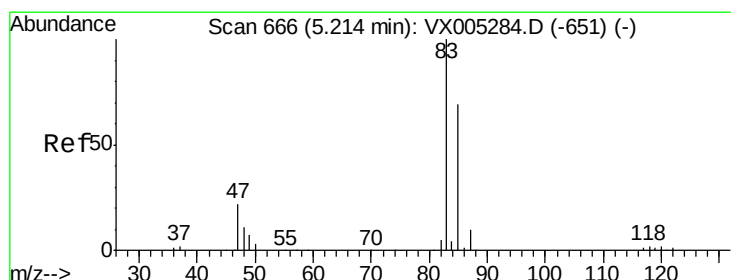
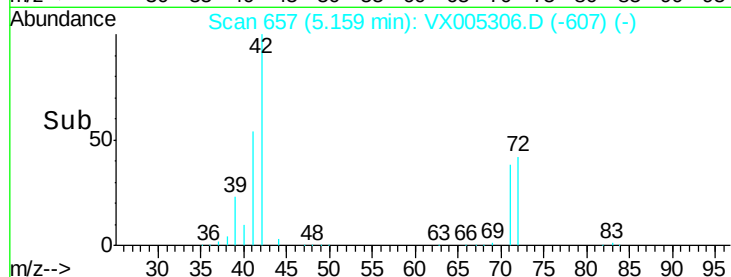
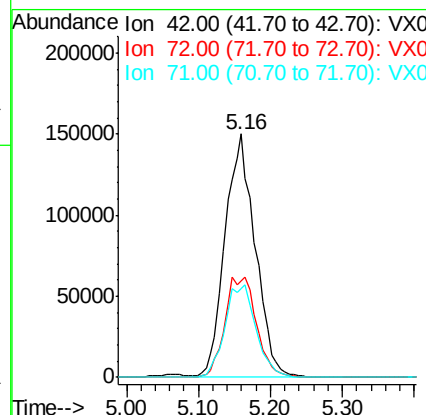
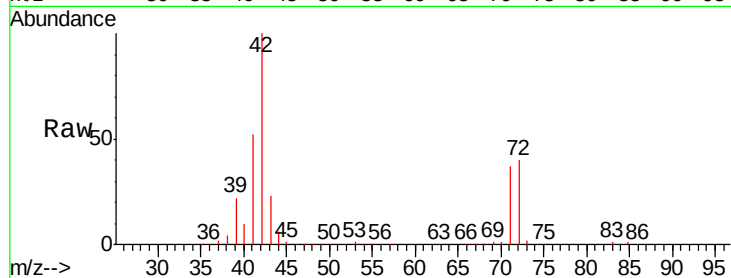
#29
Tetrahydrofuran
Concen: 261.70 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.6	37.4	56.0
71	39.5	34.5	51.7

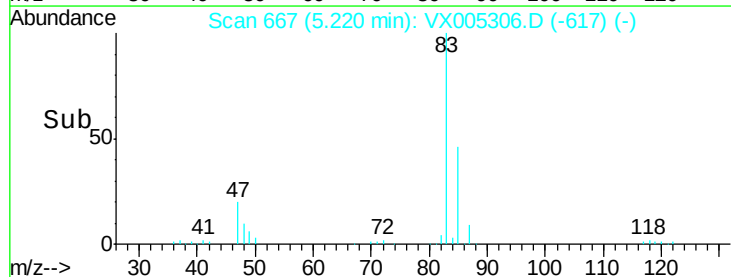
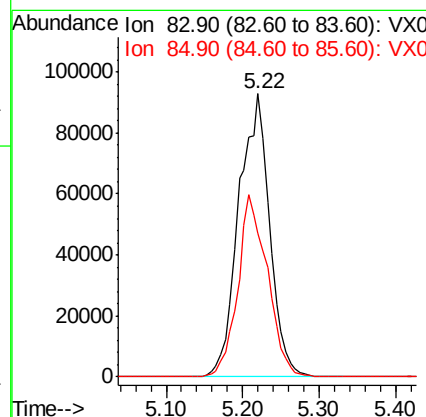
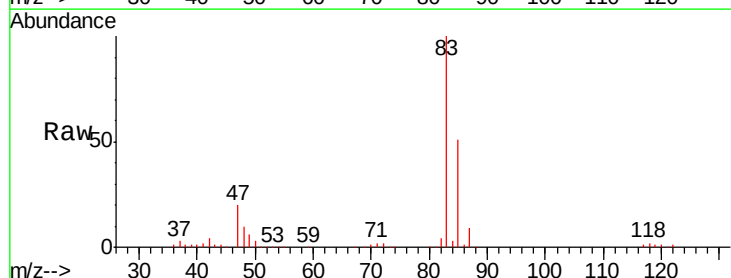
Manual Integrations
APPROVED

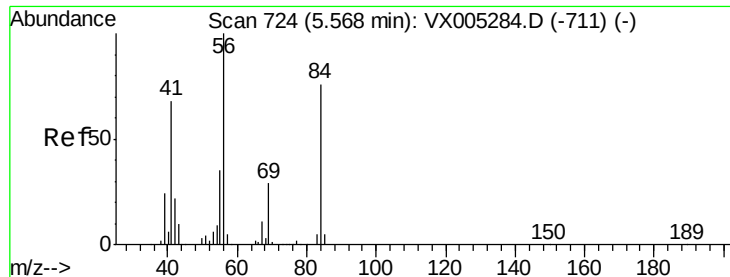
MMDadoda
10/17/2018 9:06:59 AM



#30
Chloroform
Concen: 54.27 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.0	52.6	79.0#





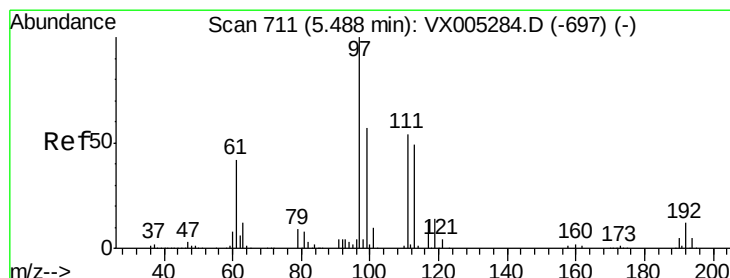
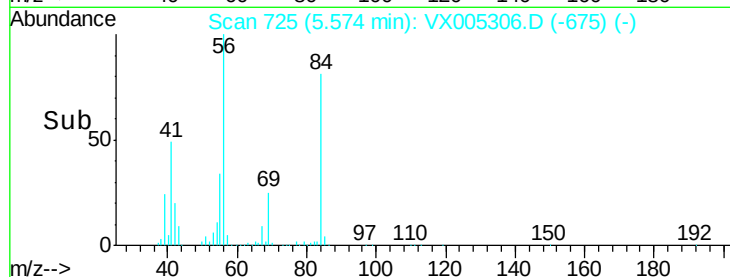
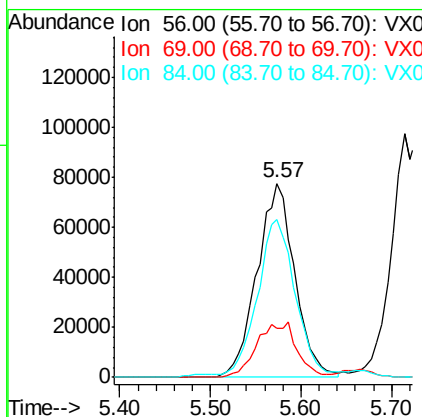
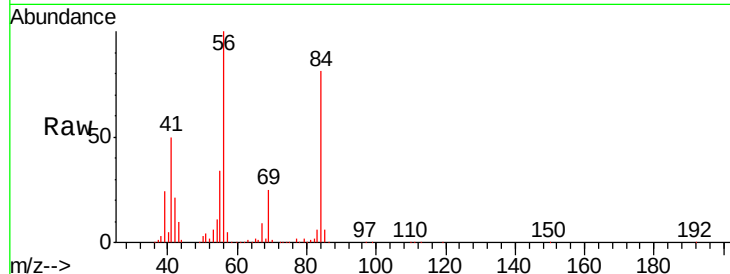
#31
Cyclohexane
Concen: 52.43 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	25.3	25.4	38.2#
84	80.1	71.4	107.2

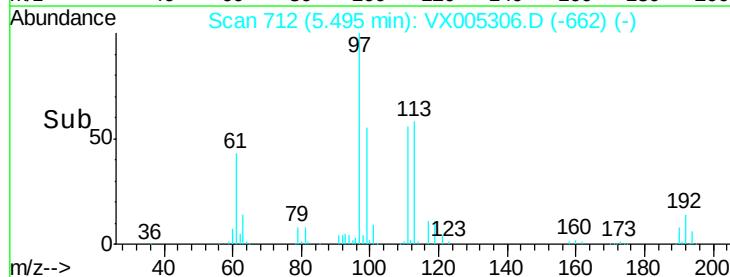
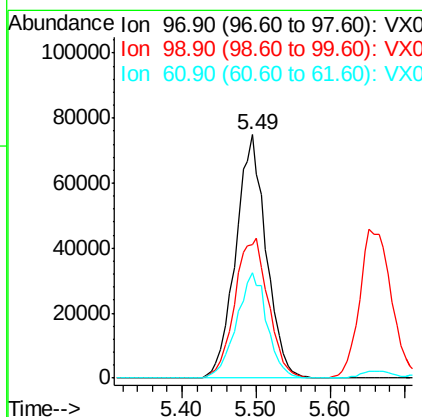
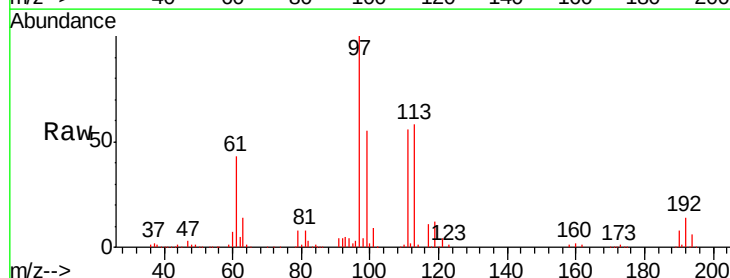
Manual Integrations
APPROVED

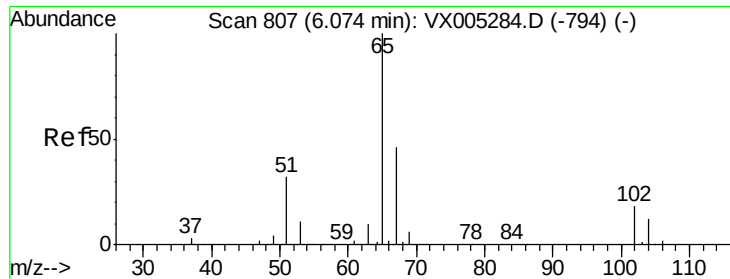
MMDadoda
10/17/2018 9:06:59 AM



#32
1,1,1-Trichloroethane
Concen: 51.53 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.0	78.0
61	43.5	34.9	52.3





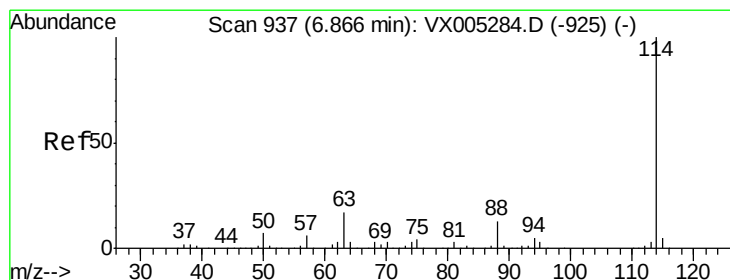
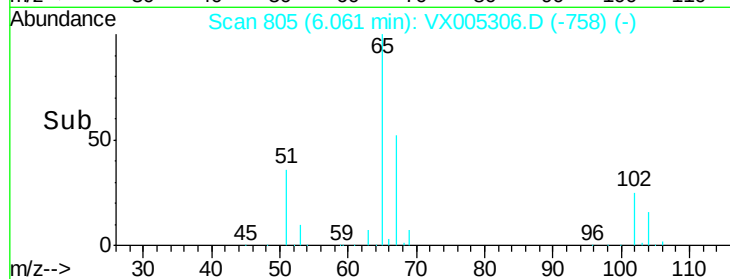
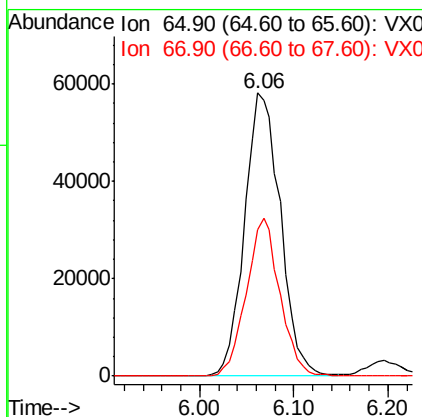
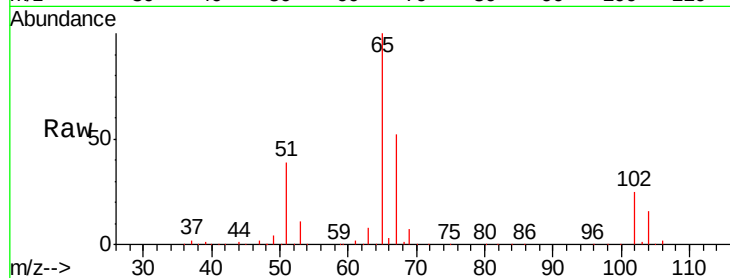
#33
 1,2-Dichloroethane-d4
 Concen: 50.13 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 154745
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8

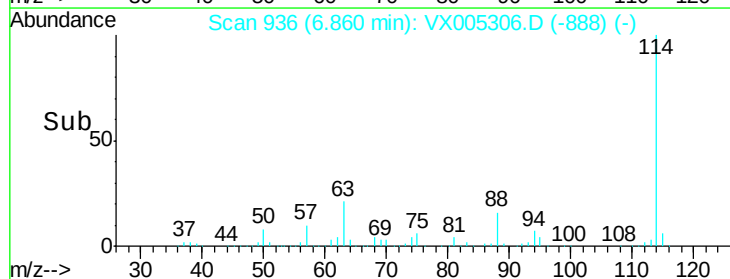
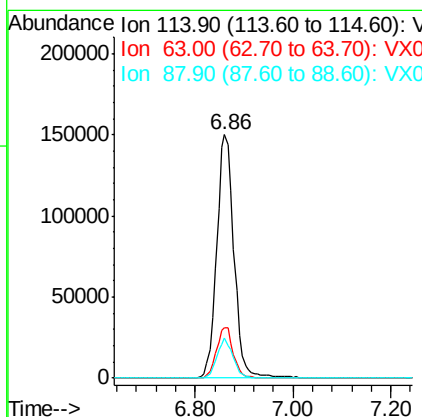
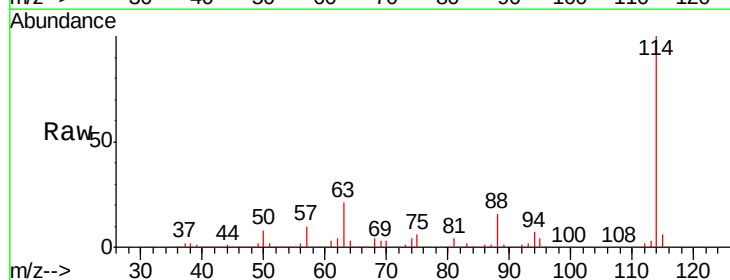
Manual Integrations
 APPROVED

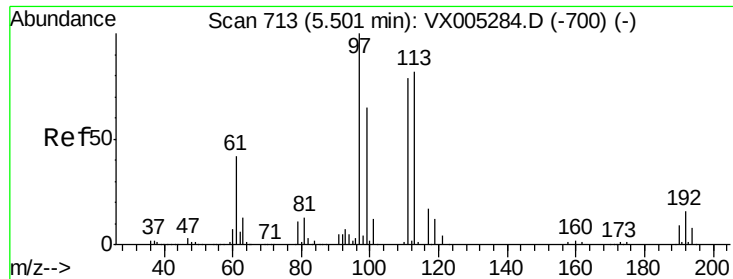
MMDadoda
 10/17/2018 9:06:59 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion: 114 Resp: 367693
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 16.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.34 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

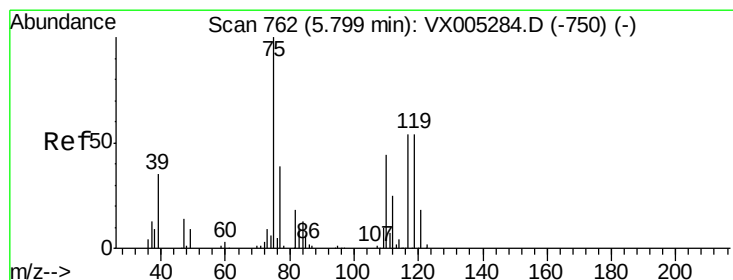
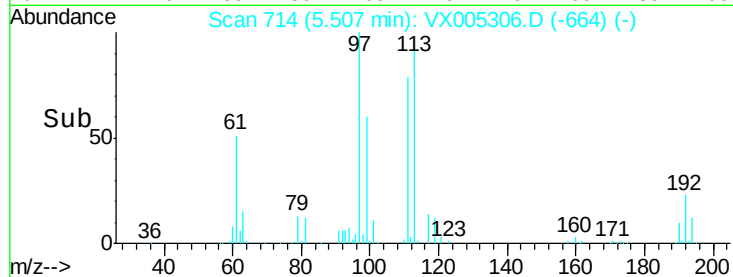
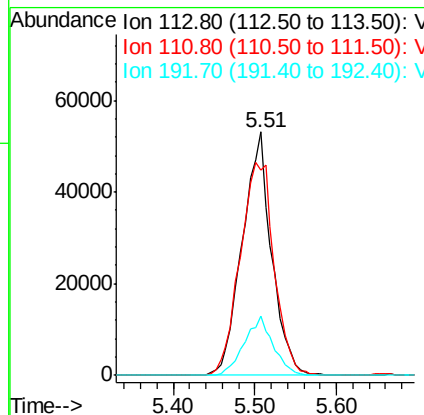
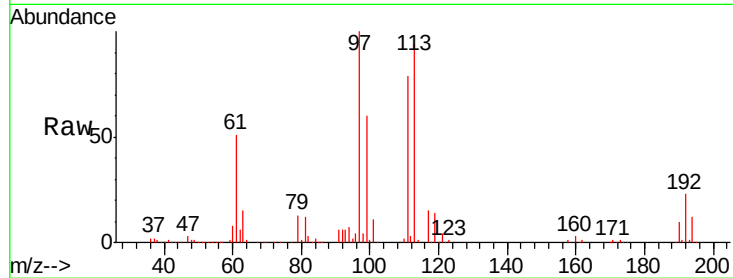
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	132346
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.4	123.6
192	24.1	19.4	29.2

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#36

1,1-Dichloropropene

Concen: 54.57 ug/l

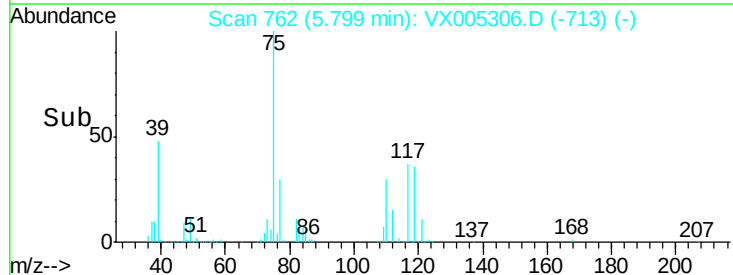
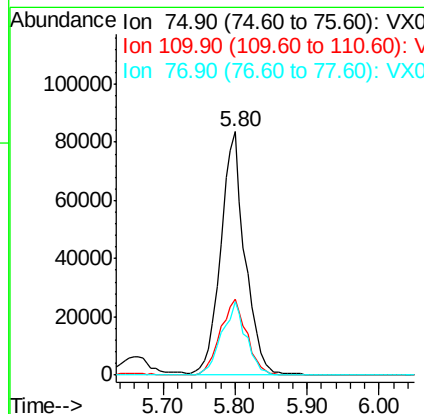
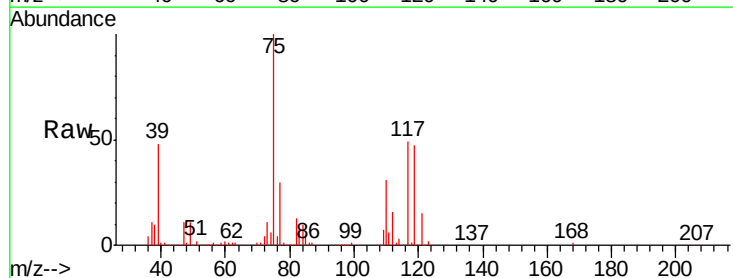
RT: 5.80 min Scan# 762

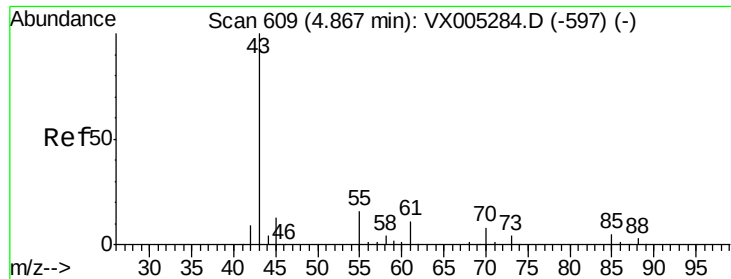
Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion:	75	Resp:	194324
Ion Ratio	Lower	Upper	
75	100		
110	34.2	18.0	54.0
77	30.6	24.6	36.8





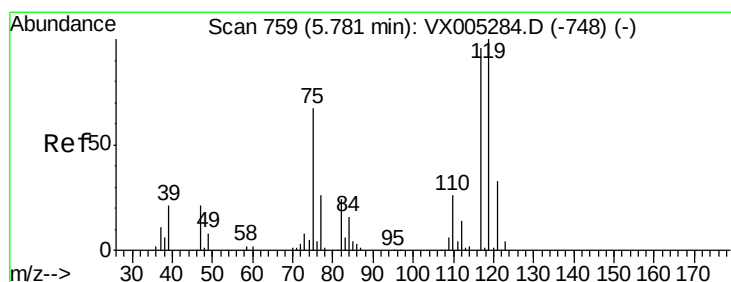
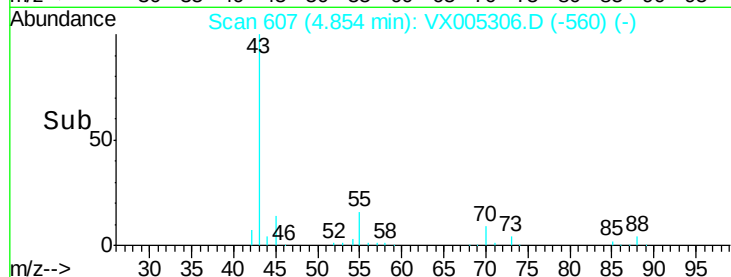
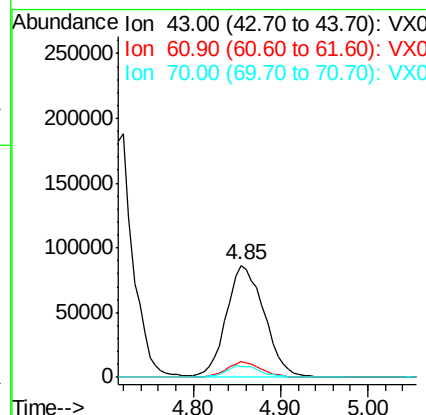
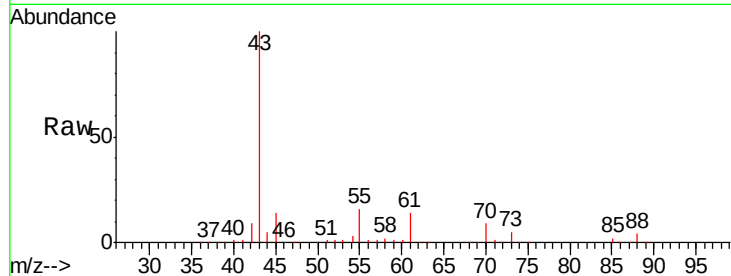
#37
Ethyl Acetate
Concen: 56.43 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.5	17.3
70	9.8	9.0	13.6

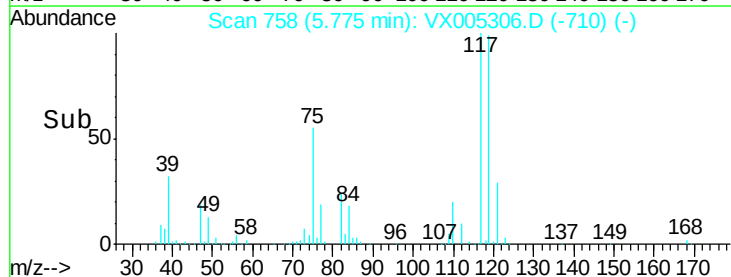
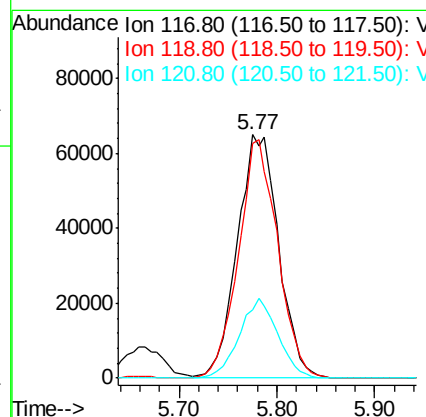
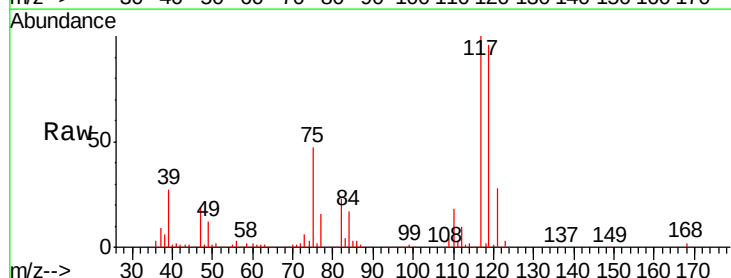
Manual Integrations
APPROVED

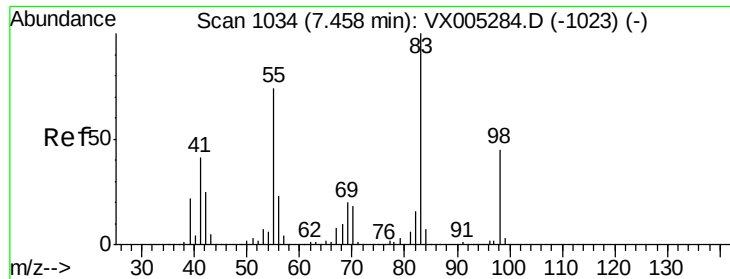
MMDadoda
10/17/2018 9:06:59 AM



#38
Carbon Tetrachloride
Concen: 52.97 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.8	118.2
121	27.9	24.9	37.3





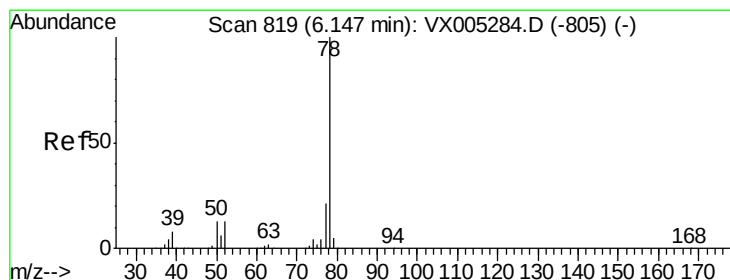
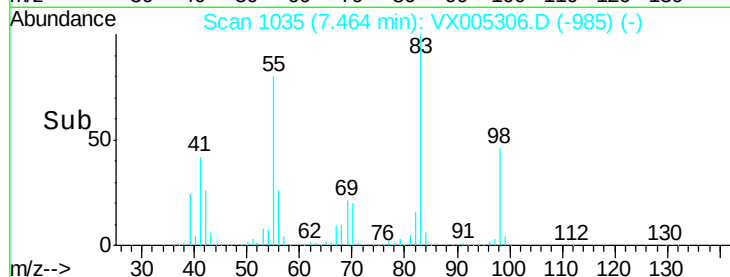
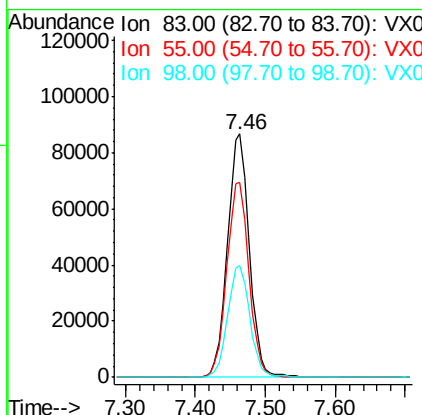
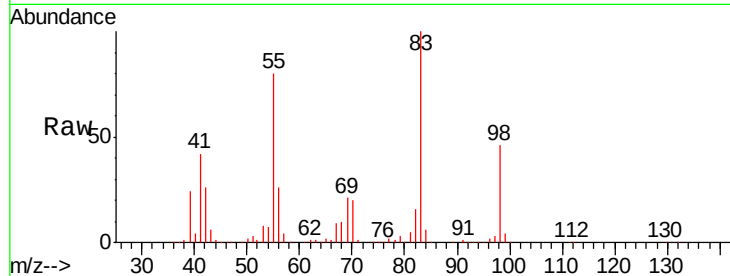
#39
Methylcyclohexane
Concen: 48.71 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	187748		
55	79.9	61.0	91.4	
98	46.0	39.6	59.4	

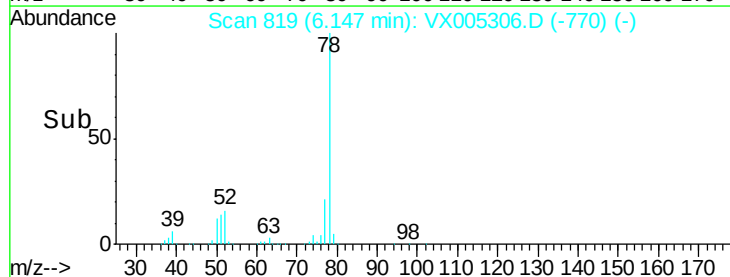
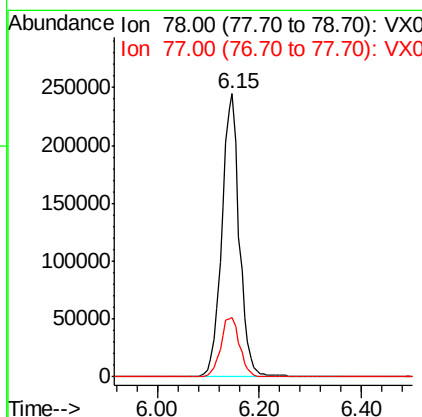
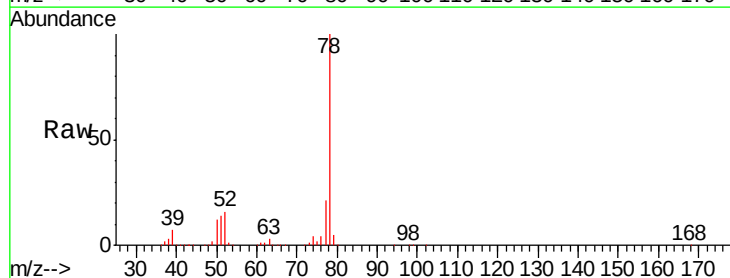
Manual Integrations
APPROVED

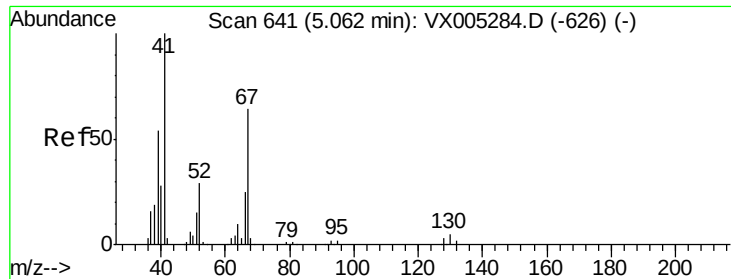
MMDadoda
10/17/2018 9:06:59 AM



#40
Benzene
Concen: 54.48 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	581982		
77	21.0	19.0	28.4	





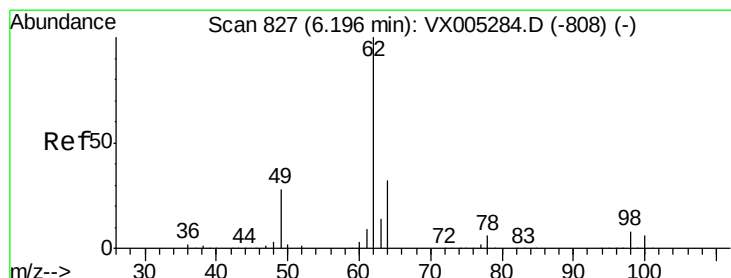
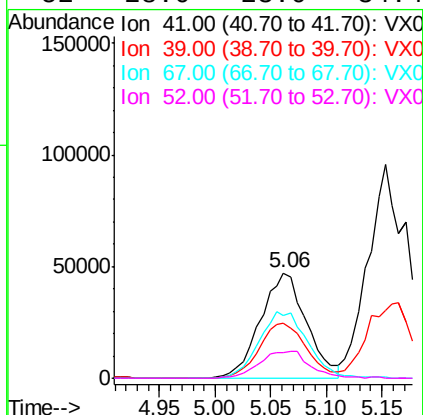
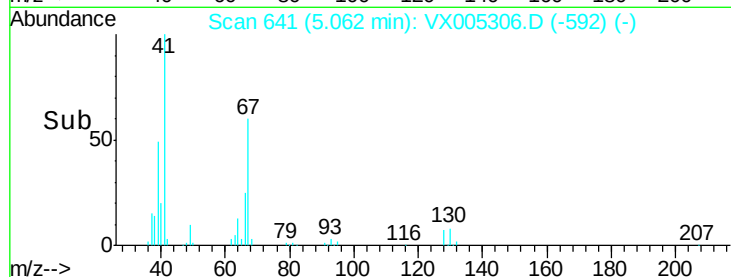
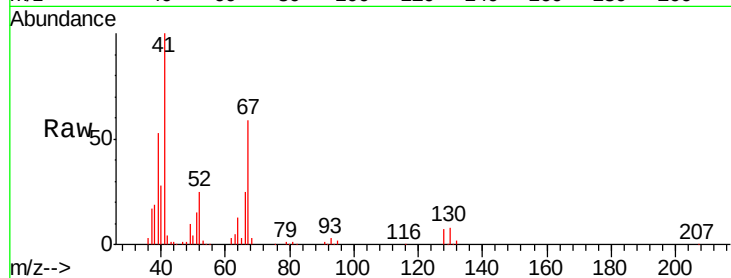
#41
Methacrylonitrile
Concen: 54.96 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	42.4	63.6	
67	67.2	59.2	88.8	
52	28.0	23.0	34.4	

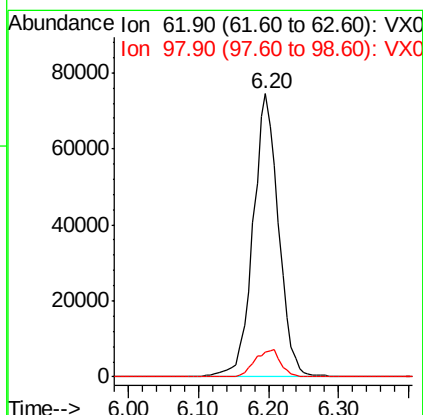
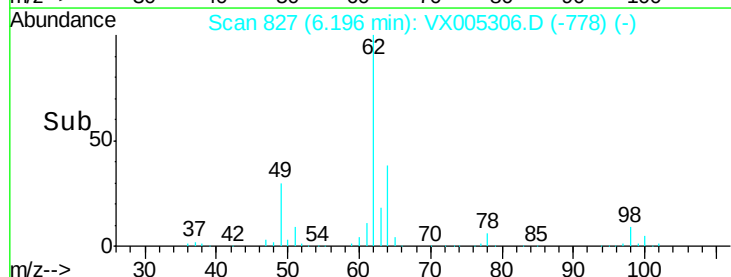
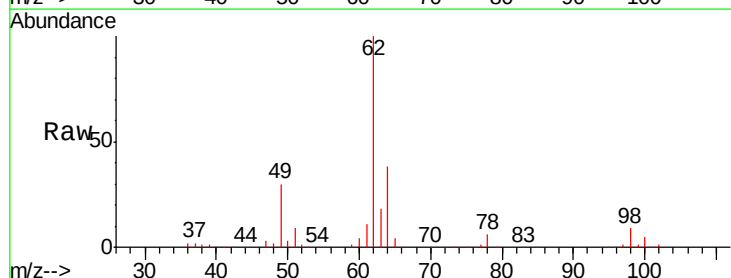
Manual Integrations
APPROVED

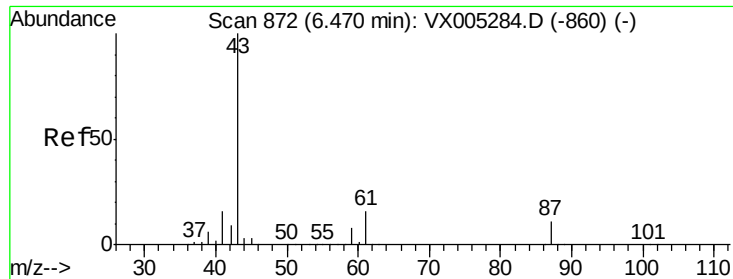
MMDadoda
10/17/2018 9:06:59 AM



#42
1,2-Dichloroethane
Concen: 49.84 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.6	





#43

Isopropyl Acetate

Concen: 56.82 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

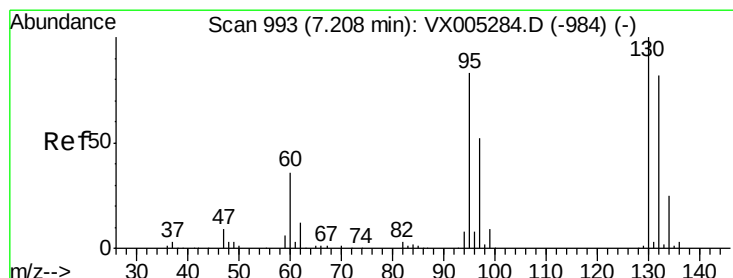
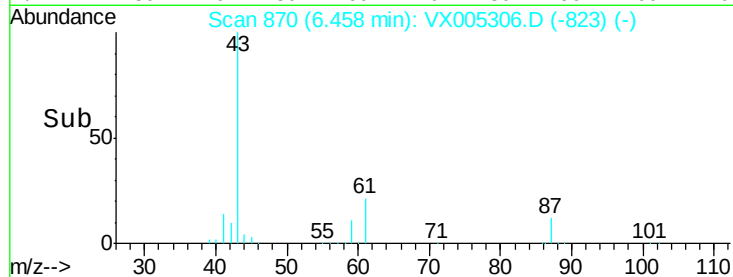
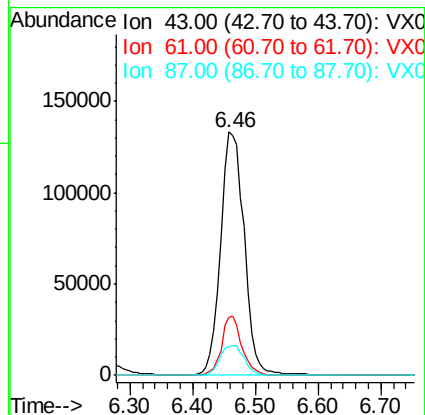
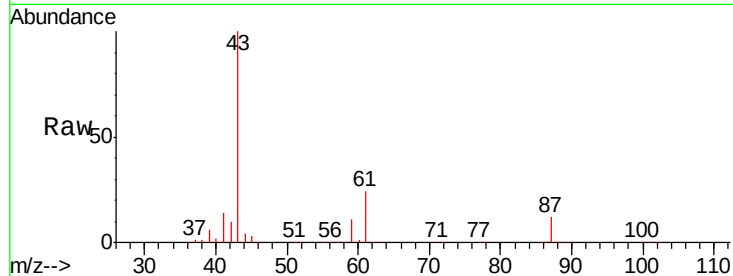
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	346659
Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.0	25.4
87	12.9	11.4	17.2

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#44

Trichloroethene

Concen: 49.18 ug/l

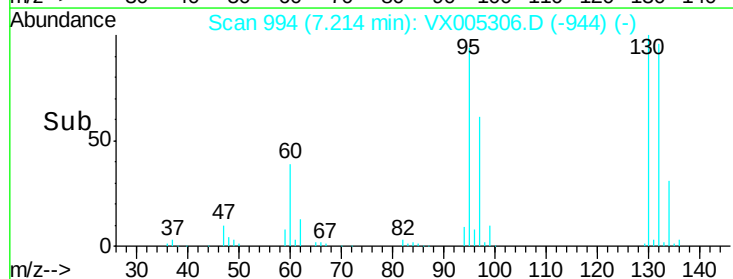
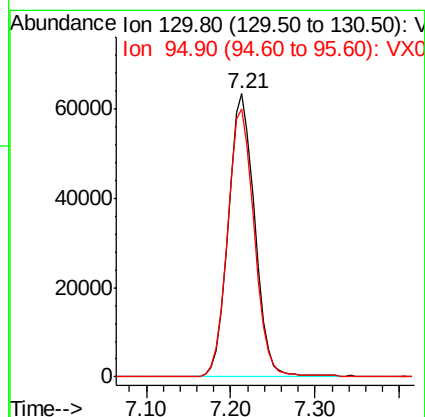
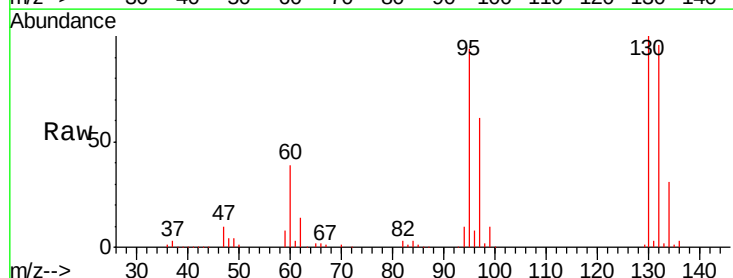
RT: 7.21 min Scan# 994

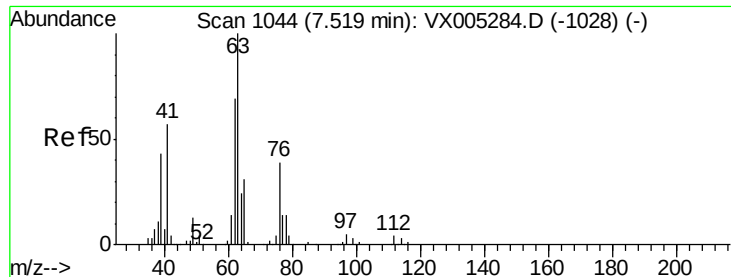
Delta R.T. 0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion:	130	Resp:	134181
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	181.6





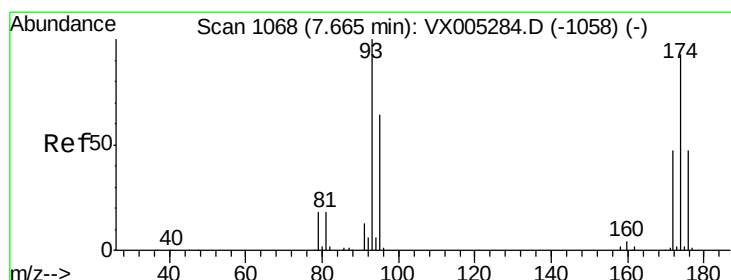
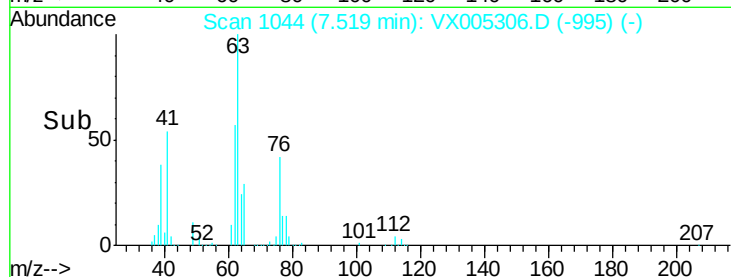
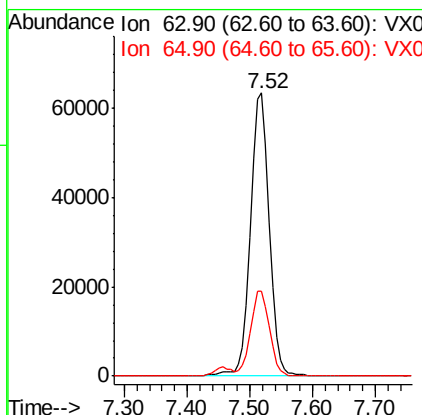
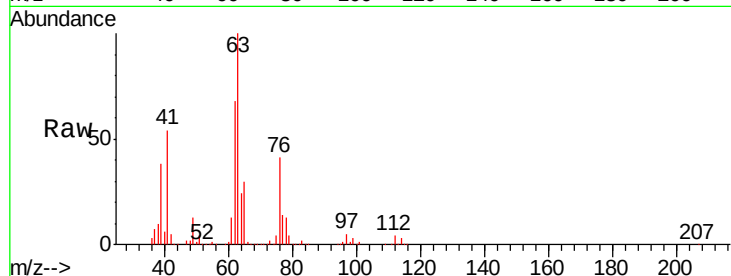
#45
 1,2-Dichloropropane
 Concen: 50.30 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 131806
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.3 36.5

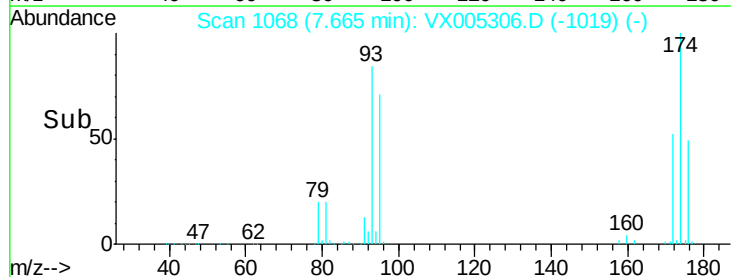
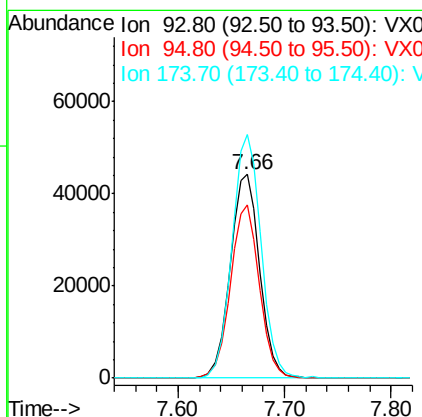
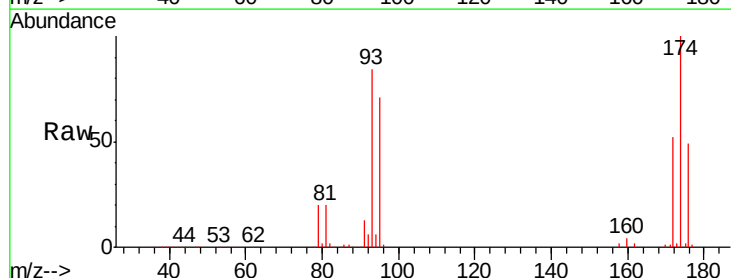
Manual Integrations
 APPROVED

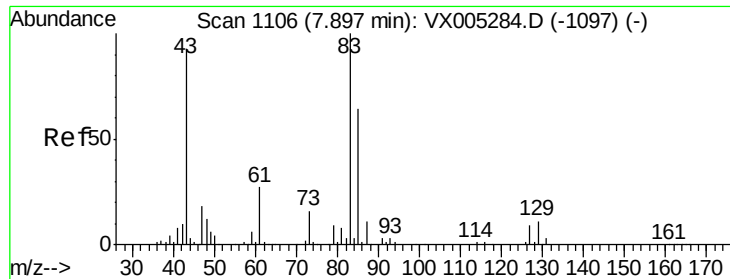
MMDadoda
 10/17/2018 9:06:59 AM



#46
 Dibromomethane
 Concen: 49.51 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion: 93 Resp: 85619
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 118.4 94.2 141.4





#47

Bromodichloromethane

Concen: 51.89 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

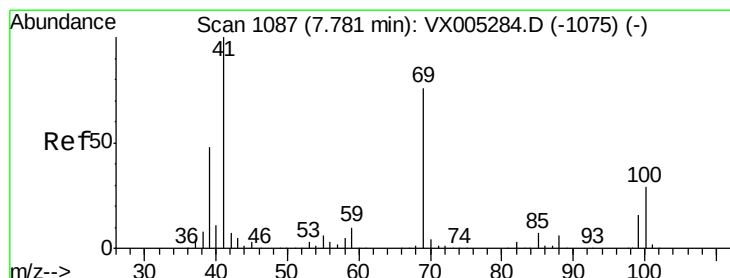
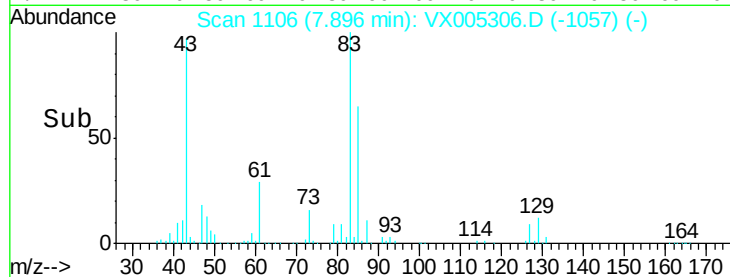
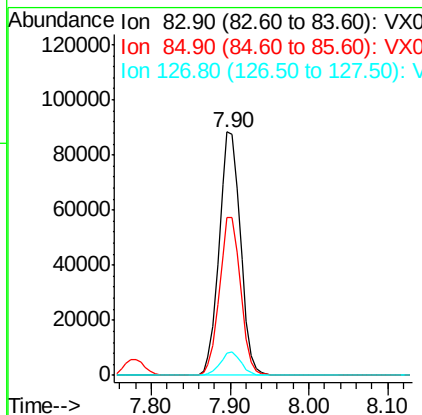
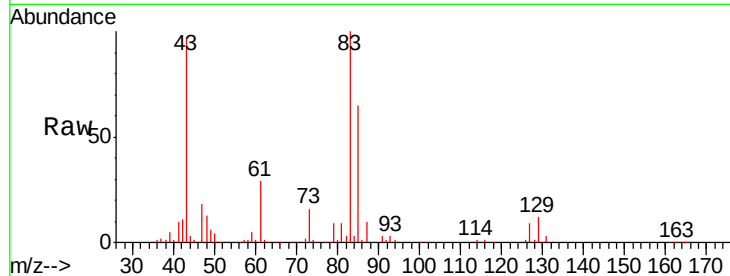
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	166014
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.9	76.3
127	9.1	7.3	10.9

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#48

Methyl methacrylate

Concen: 52.53 ug/l

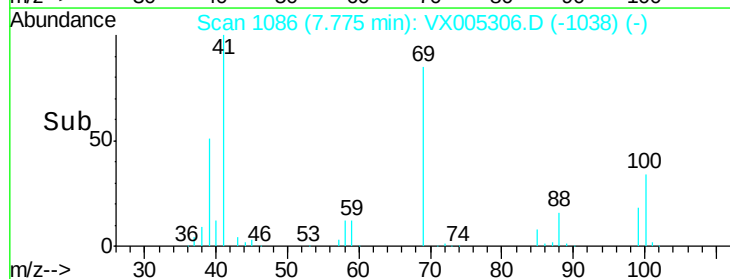
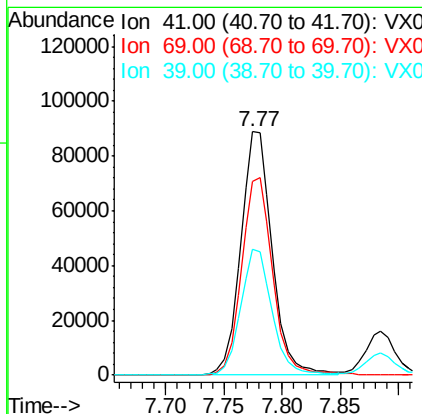
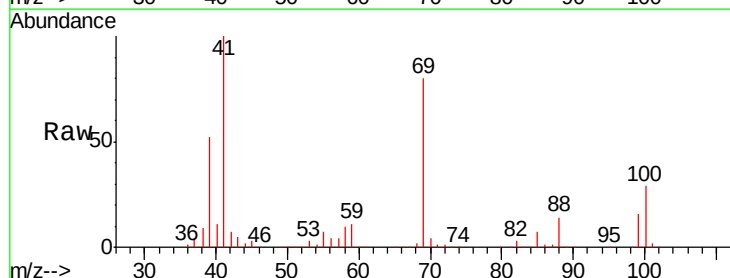
RT: 7.77 min Scan# 1086

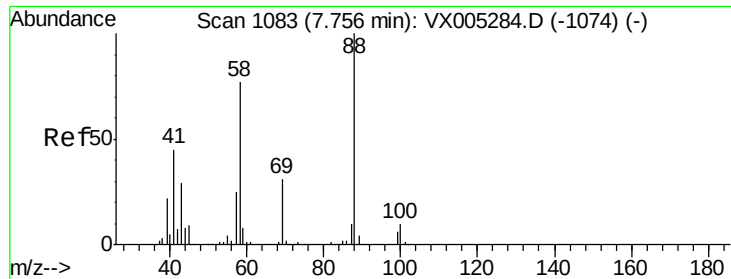
Delta R.T. -0.01 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion:	41	Resp:	166219
Ion	Ratio	Lower	Upper
41	100		
69	81.3	70.2	105.4
39	51.6	42.7	64.1





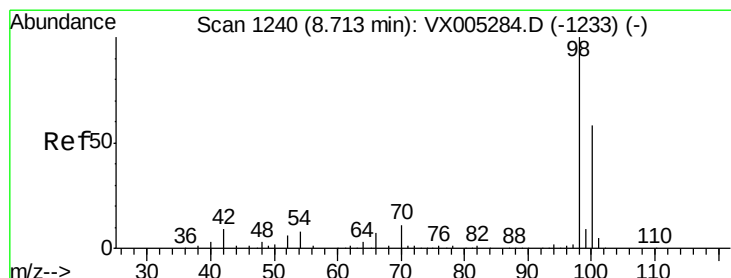
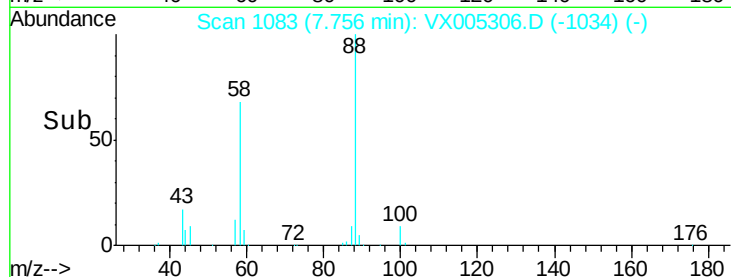
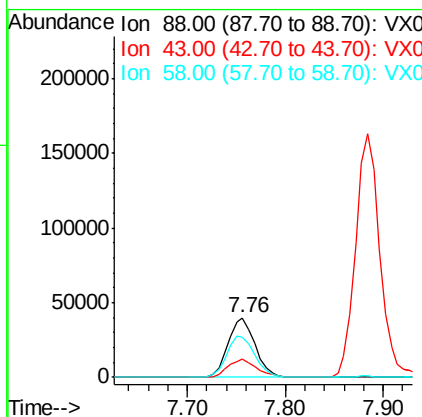
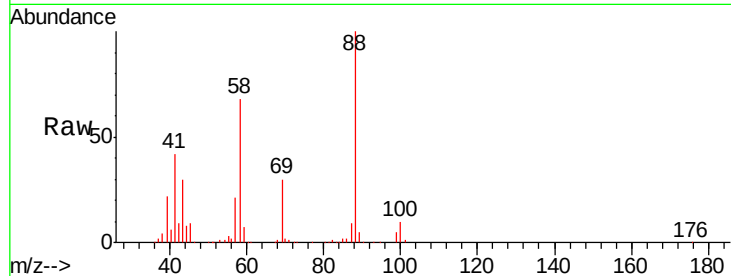
#49
 1,4-Dioxane
 Concen: 1040.78 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 75954
 Ion Ratio Lower Upper
 88 100
 43 32.3 24.7 37.1
 58 73.4 55.3 82.9

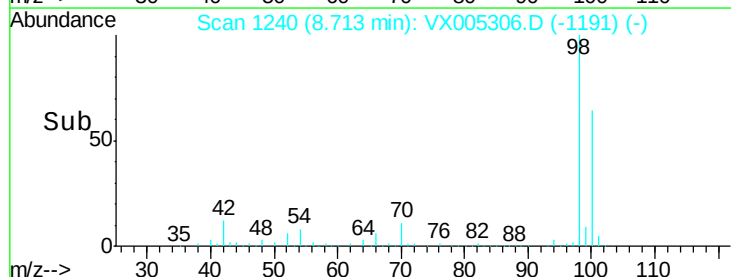
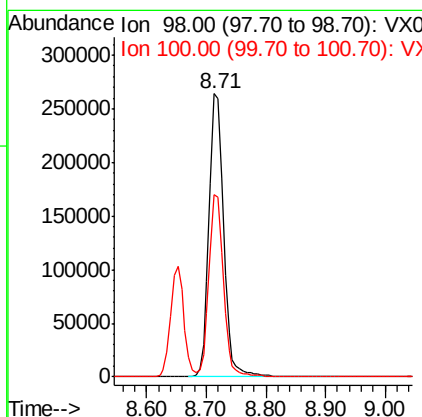
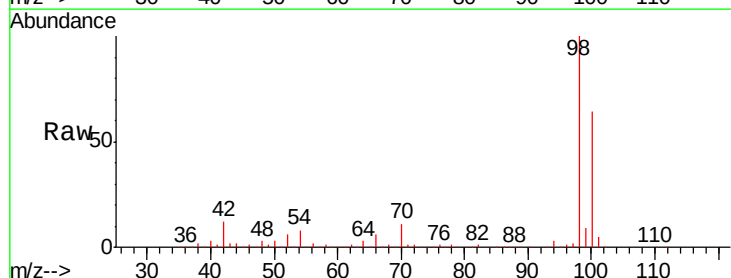
Manual Integrations
 APPROVED

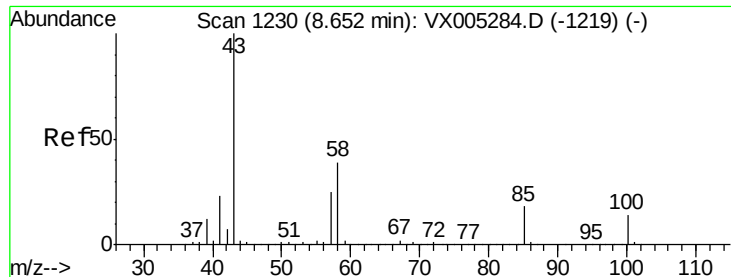
MMDadoda
 10/17/2018 9:06:59 AM



#50
 Toluene-d8
 Concen: 53.12 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion: 98 Resp: 444157
 Ion Ratio Lower Upper
 98 100
 100 64.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 268.09 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1132417

Ion Ratio Lower Upper

43 100

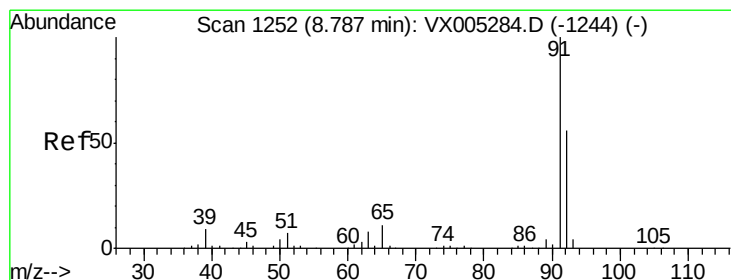
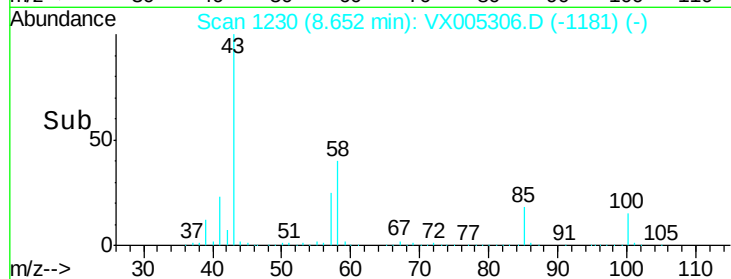
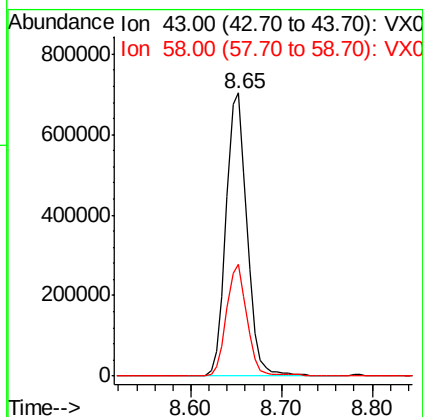
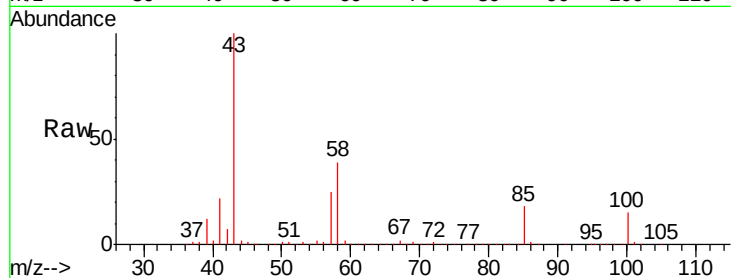
58 38.9 33.1 49.7

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:06:59 AM



#52

Toluene

Concen: 53.23 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005306.D

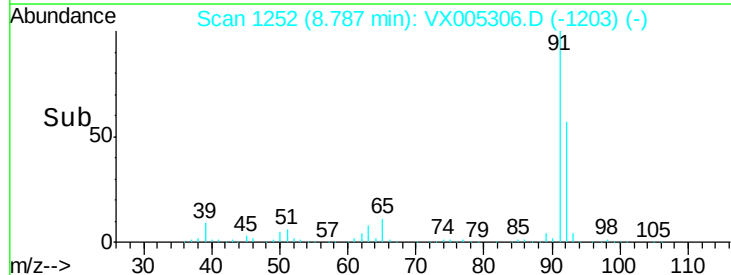
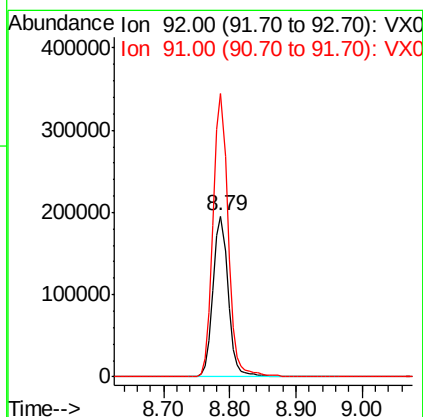
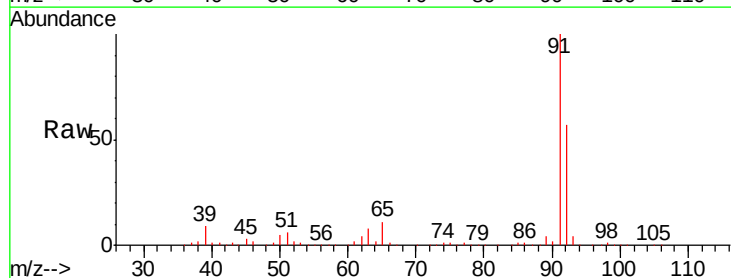
Acq: 12 Oct 2018 21:24

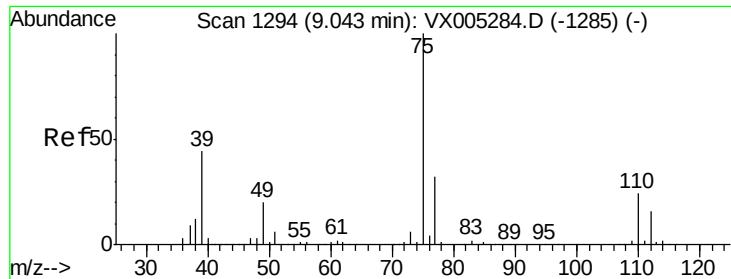
Tgt Ion: 92 Resp: 311067

Ion Ratio Lower Upper

92 100

91 174.9 136.4 204.6





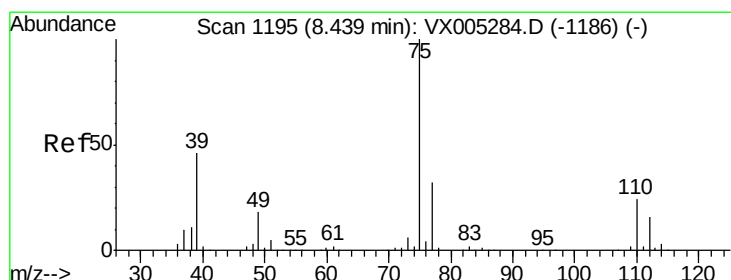
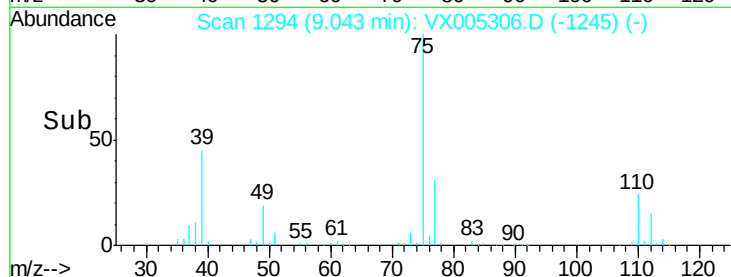
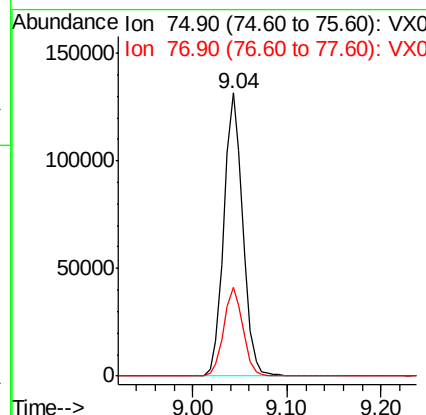
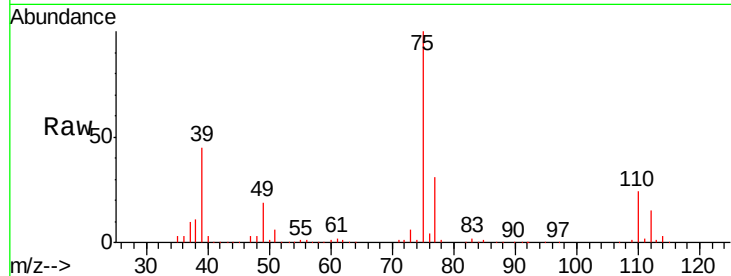
#53
t-1,3-Dichloropropene
Concen: 52.94 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 183280
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0

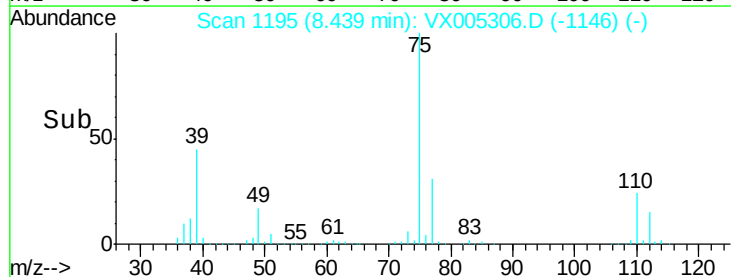
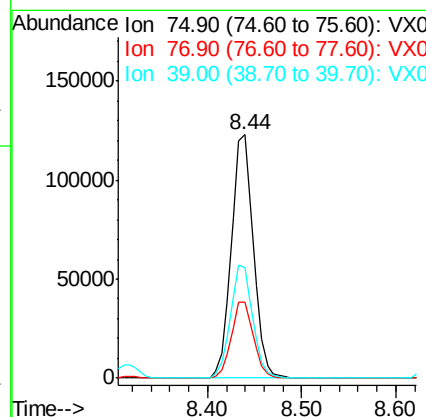
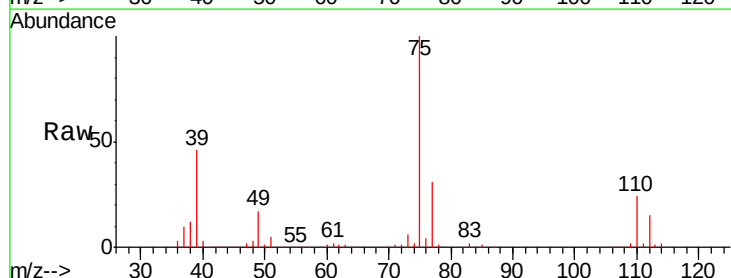
Manual Integrations
APPROVED

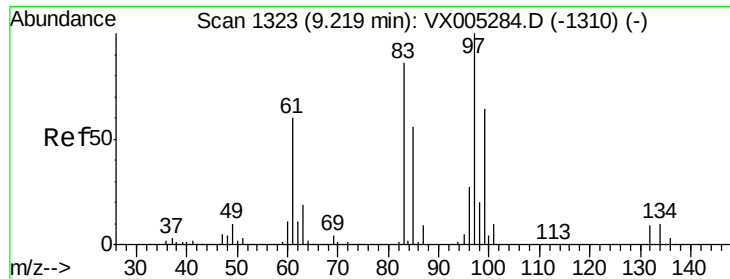
MMDadoda
10/17/2018 9:06:59 AM



#54
cis-1,3-Dichloropropene
Concen: 53.35 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 75 Resp: 200140
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2
39 45.4 36.4 54.6





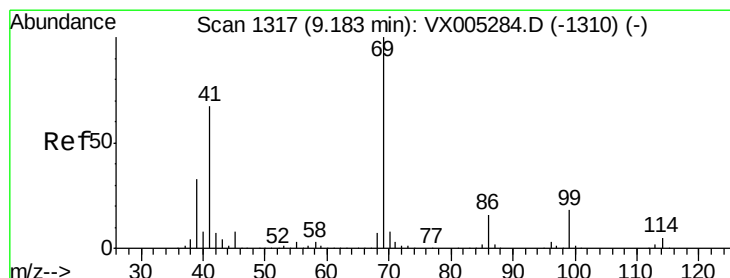
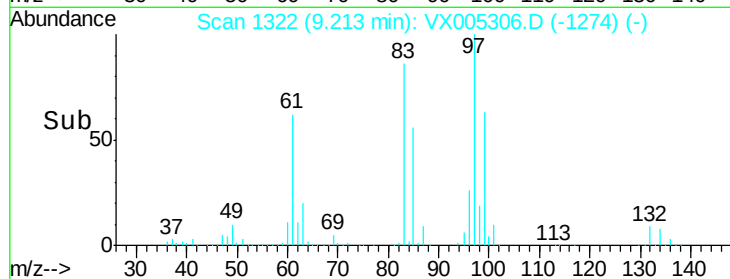
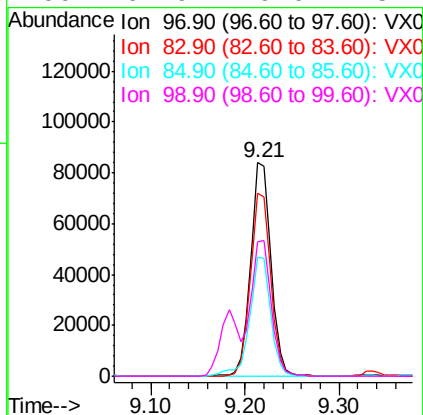
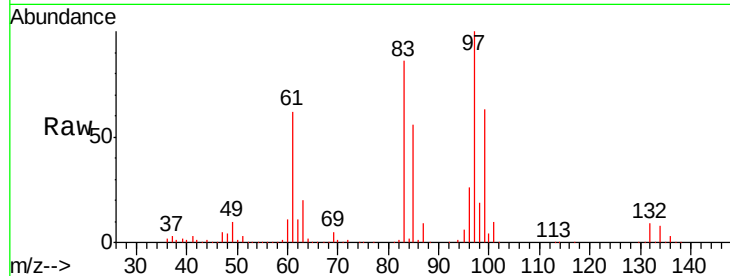
#55
 1,1,2-Trichloroethane
 Concen: 51.83 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	128300		
83	85.9	66.4	99.6	
85	55.7	43.3	64.9	
99	62.9	49.0	73.4	

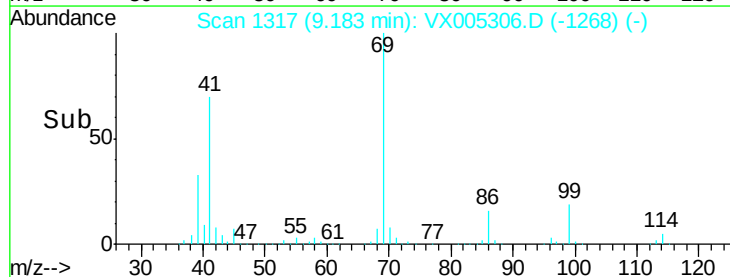
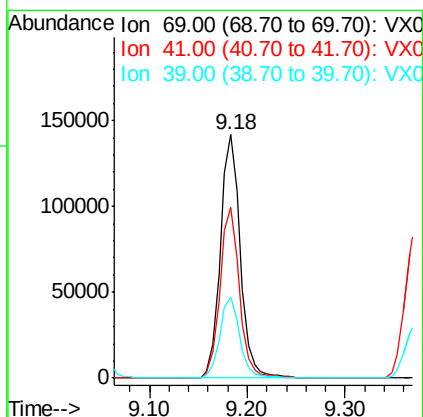
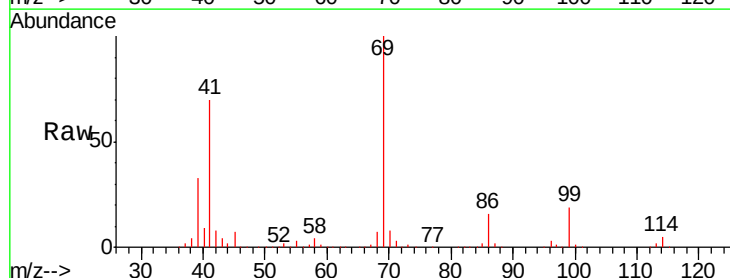
Manual Integrations
 APPROVED

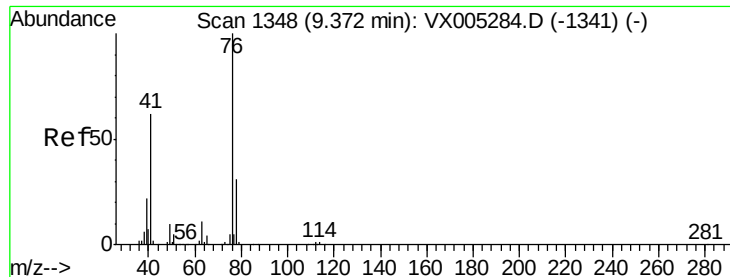
MMDadoda
 10/17/2018 9:06:59 AM



#56
 Ethyl methacrylate
 Concen: 55.56 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	200513		
41	68.5	51.0	76.4	
39	33.7	26.1	39.1	





#57

1,3-Dichloropropane

Concen: 52.12 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 215360

Ion Ratio Lower Upper

76 100

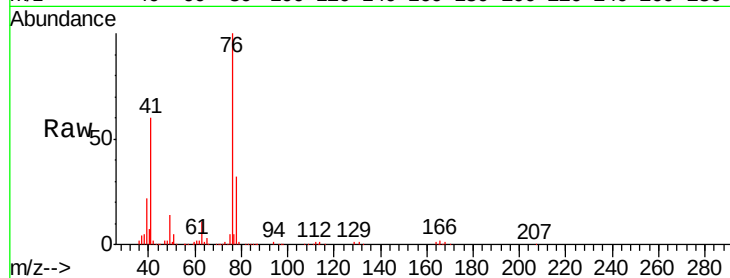
78 32.1 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:06:59 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

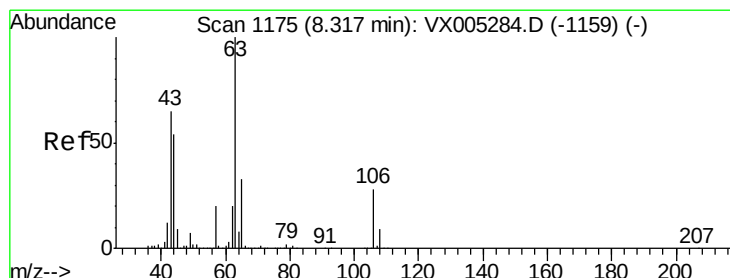
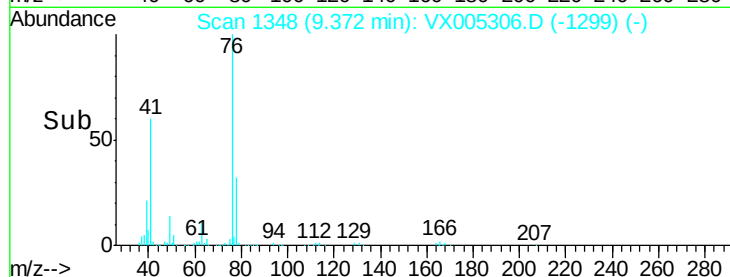
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 279.08 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005306.D

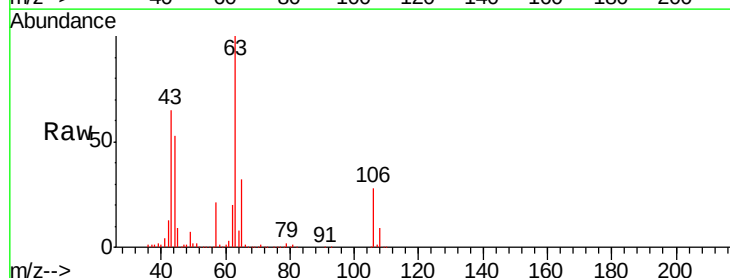
Acq: 12 Oct 2018 21:24

Tgt Ion: 63 Resp: 564793

Ion Ratio Lower Upper

63 100

106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

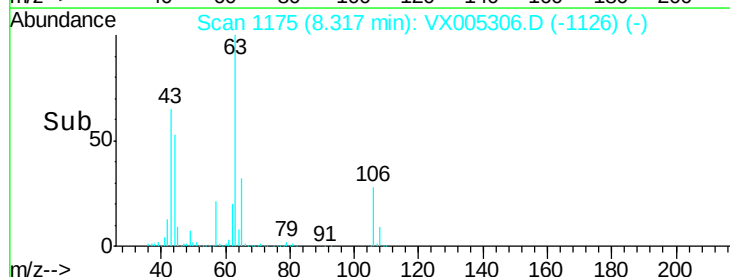
200000

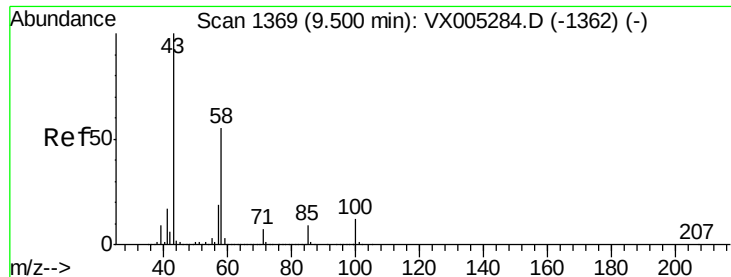
100000

0

8.20 8.30 8.40

Time-->





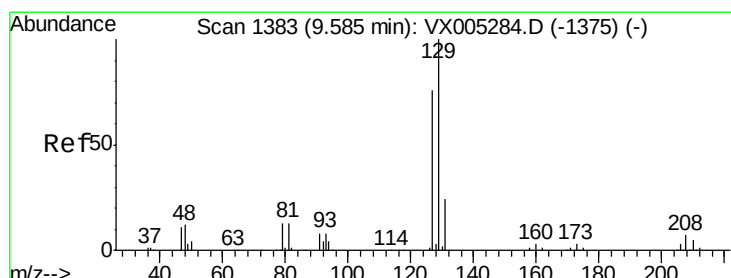
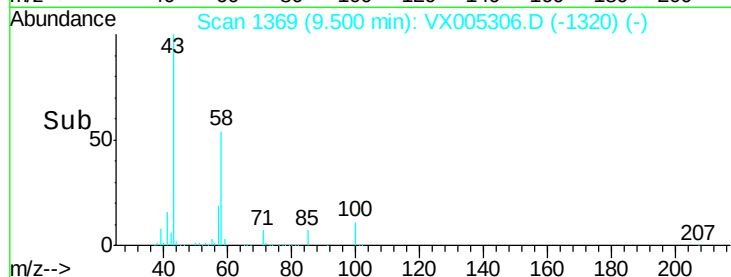
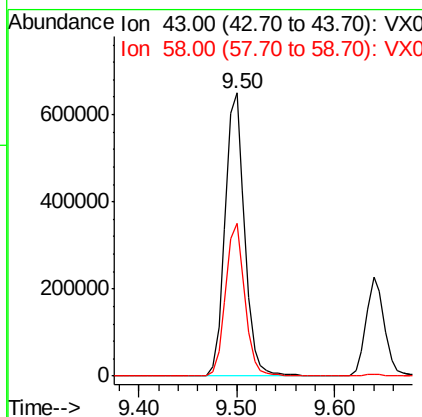
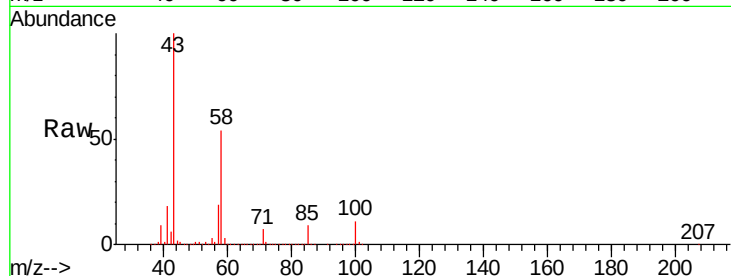
#59
2-Hexanone
Concen: 265.34 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 901587
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0

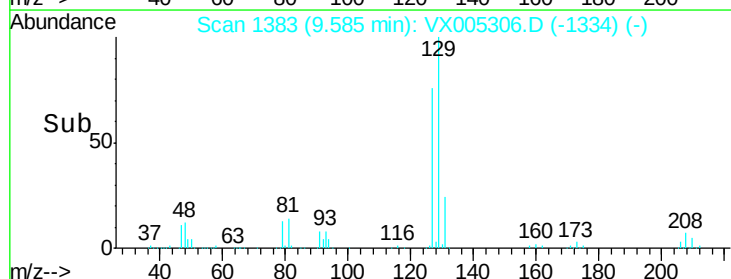
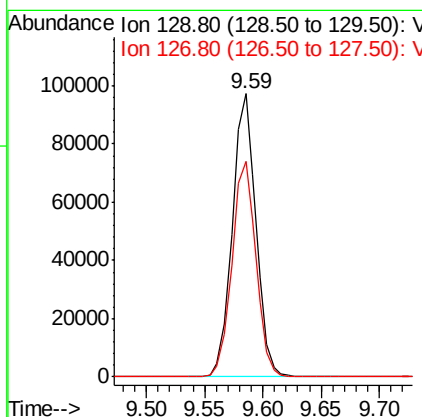
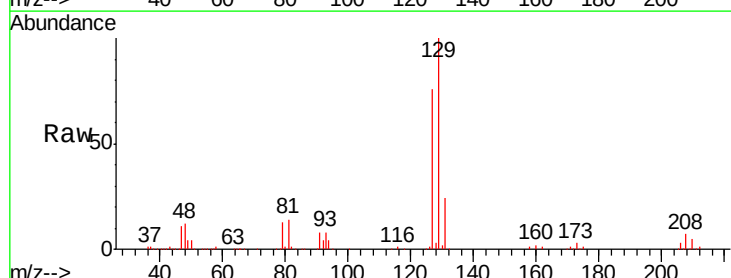
Manual Integrations
APPROVED

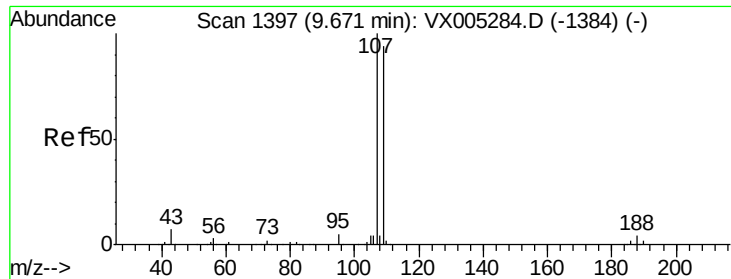
MMDadoda
10/17/2018 9:06:59 AM



#60
Dibromochloromethane
Concen: 53.65 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 129 Resp: 137284
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





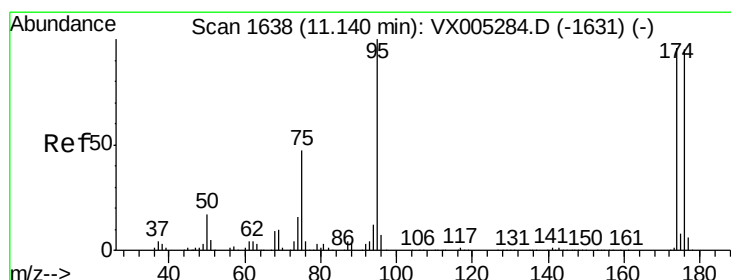
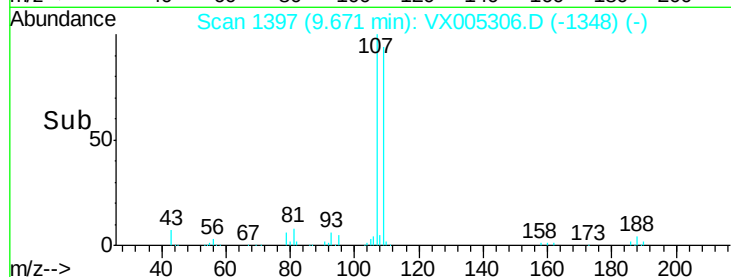
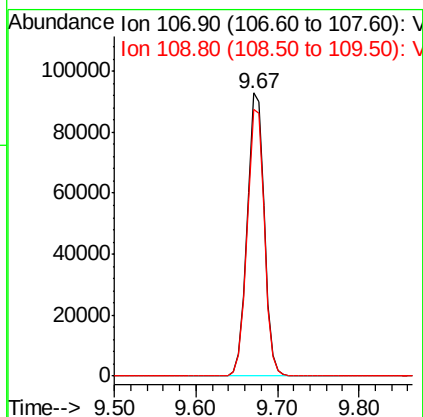
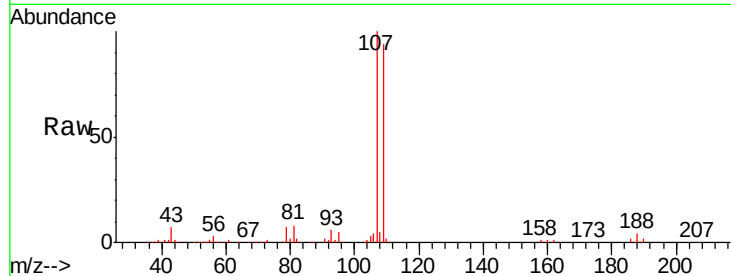
#61
 1,2-Dibromoethane
 Concen: 52.02 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 135131
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.0 114.0

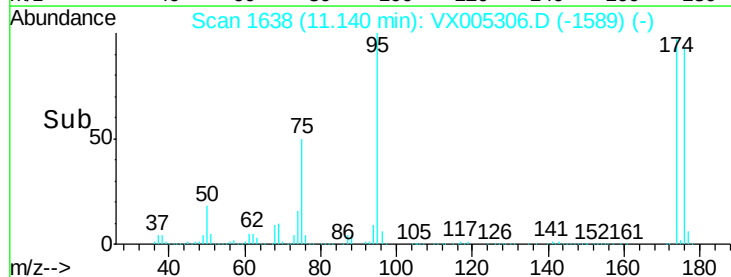
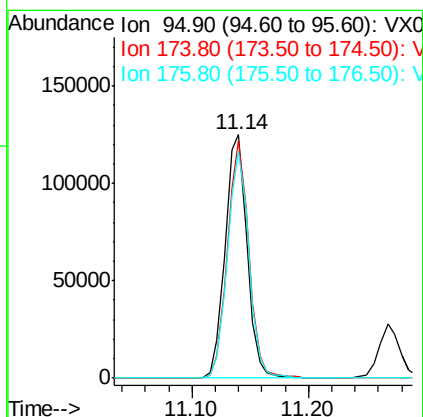
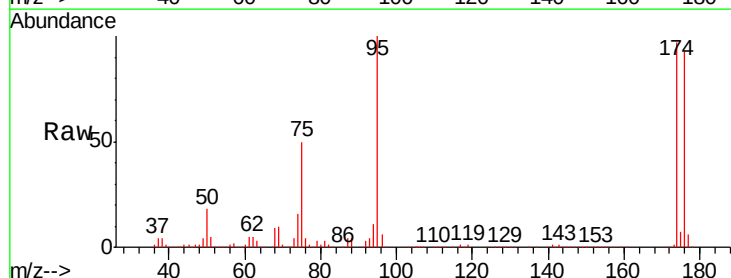
Manual Integrations
 APPROVED

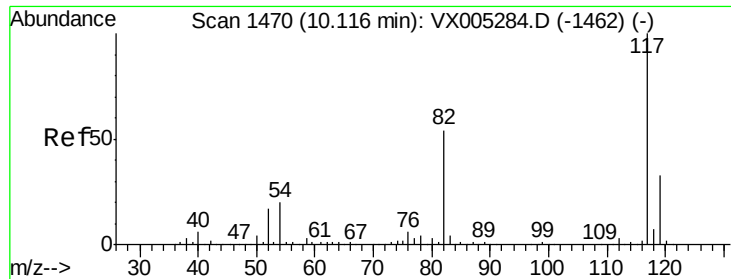
MMDadoda
 10/17/2018 9:06:59 AM



#62
 4-Bromofluorobenzene
 Concen: 52.12 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion: 95 Resp: 163687
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 185.2
 176 91.6 0.0 178.6





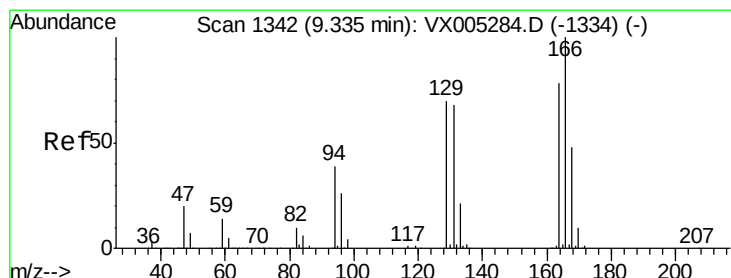
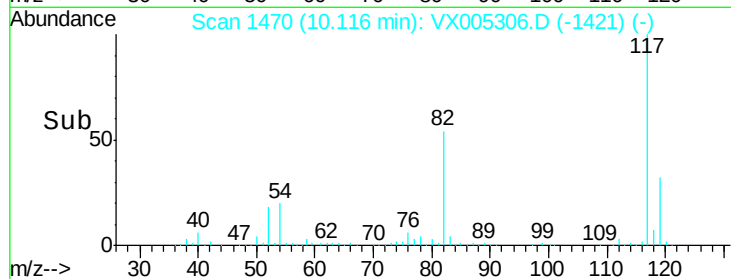
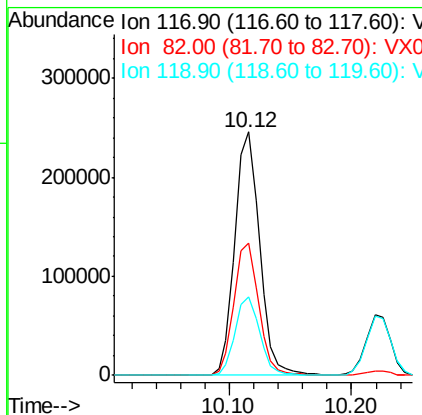
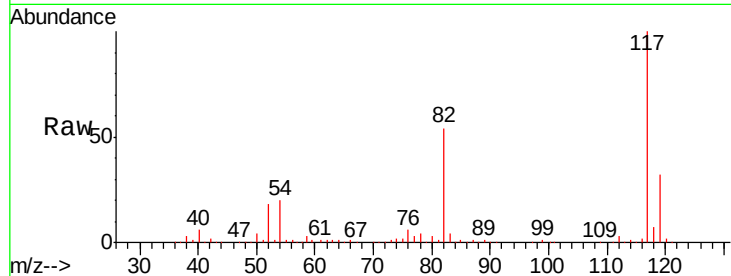
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.8	71.6
119	32.5	29.3	43.9

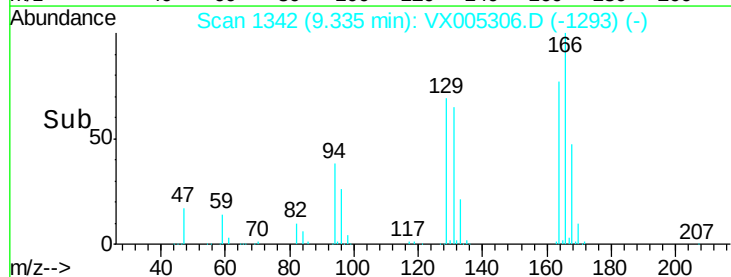
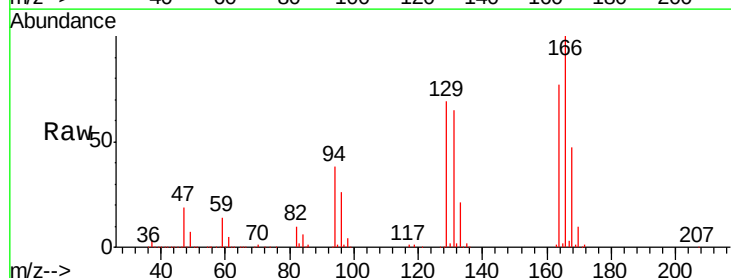
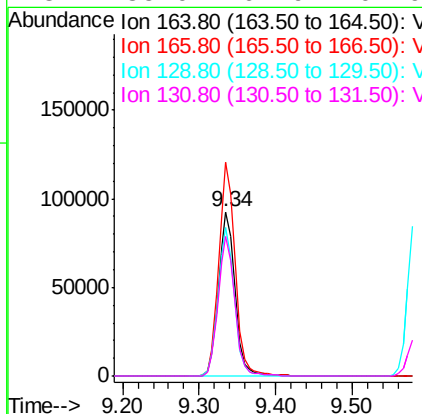
Manual Integrations
APPROVED

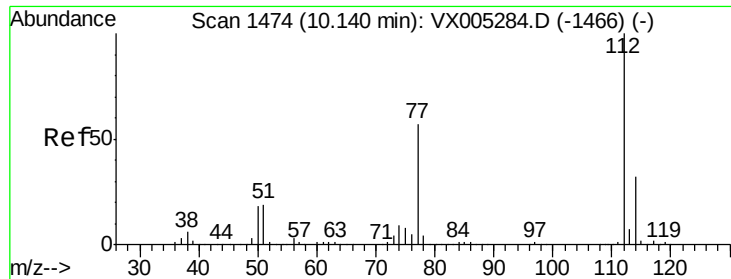
MMDadoda
10/17/2018 9:06:59 AM



#64
Tetrachloroethene
Concen: 49.74 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	102.8	154.2
129	90.4	69.4	104.0
131	85.0	67.9	101.9





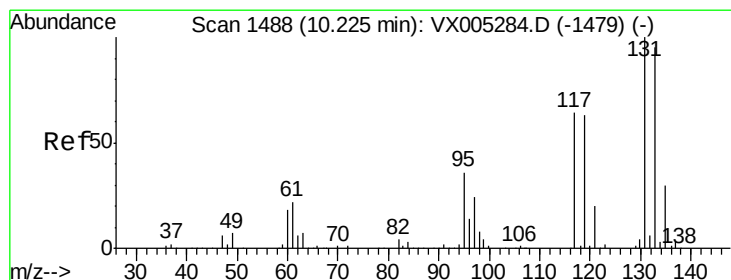
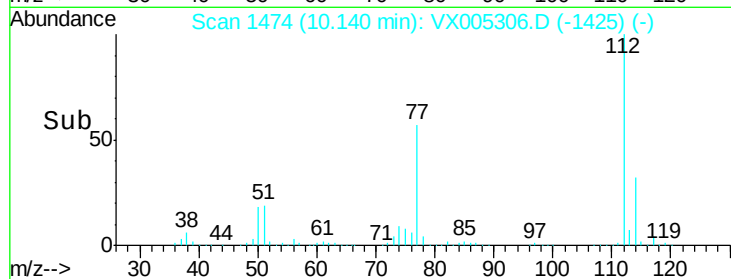
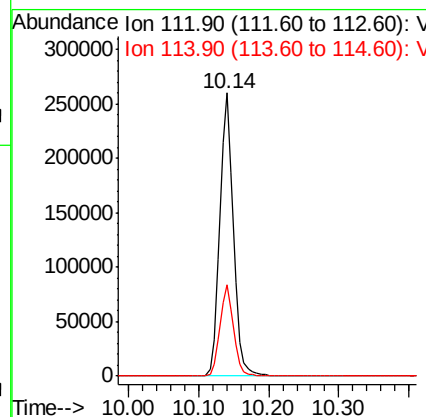
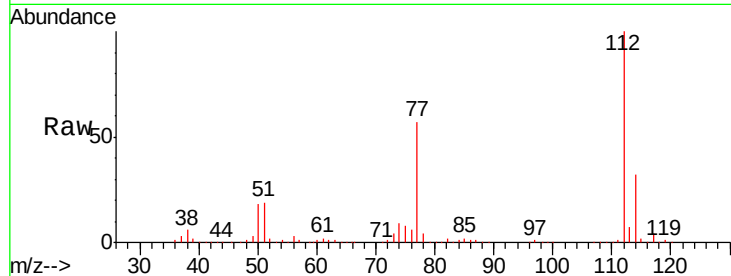
#65
Chlorobenzene
Concen: 48.01 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 351958
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8

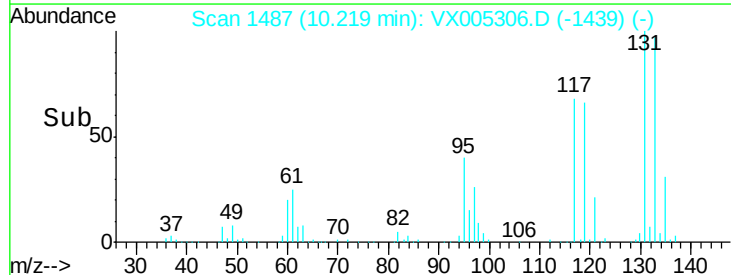
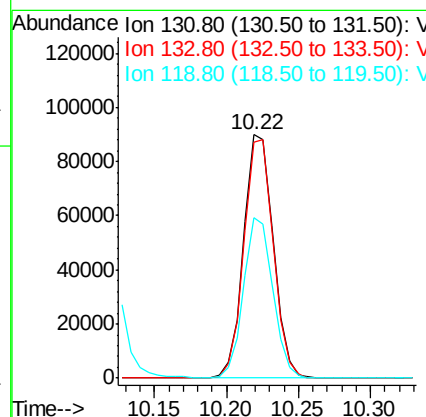
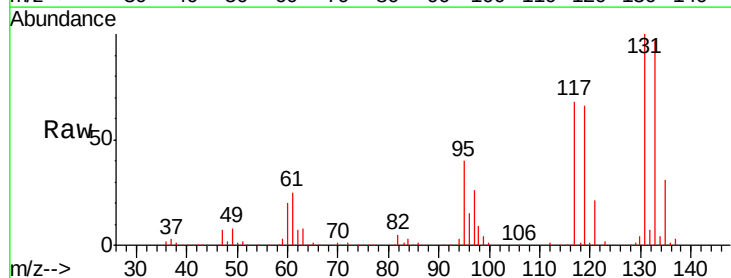
Manual Integrations
APPROVED

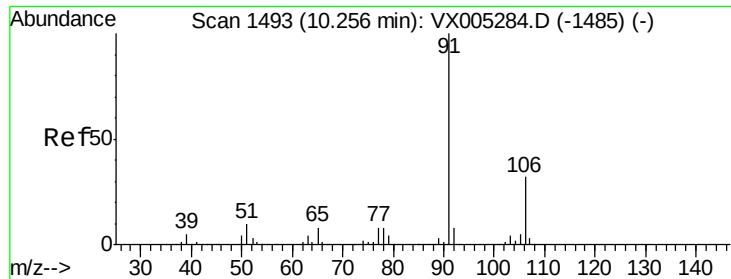
MMDadoda
10/17/2018 9:06:59 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.32 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion:131 Resp: 128825
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.4
119 64.9 32.9 98.6





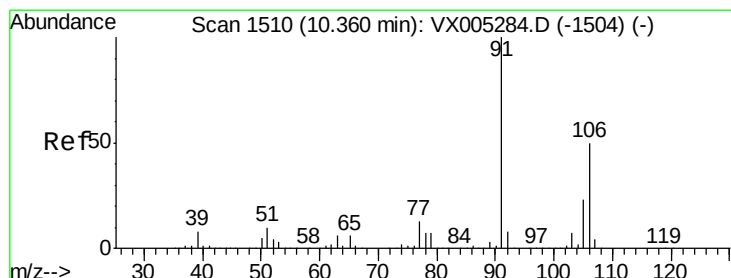
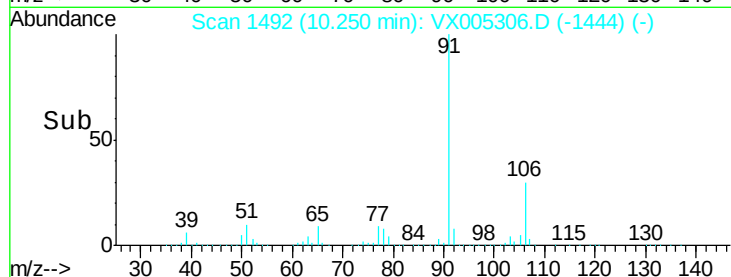
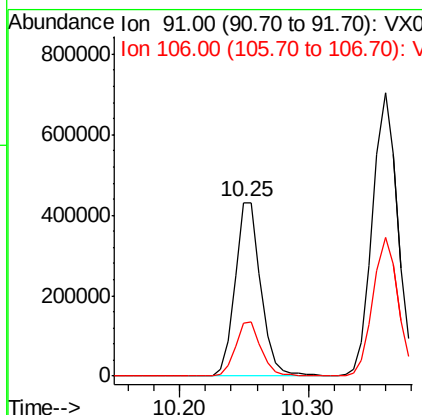
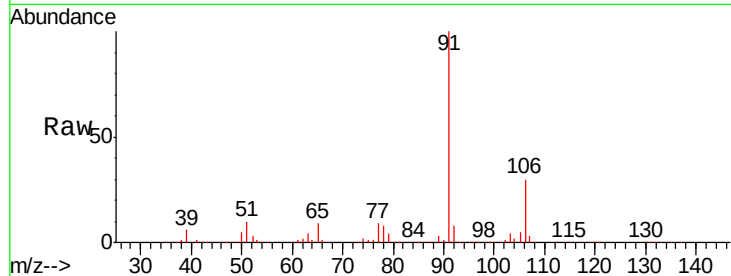
#67
Ethyl Benzene
Concen: 50.62 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 603269
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9

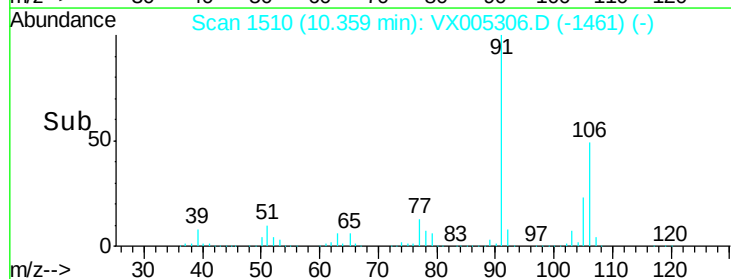
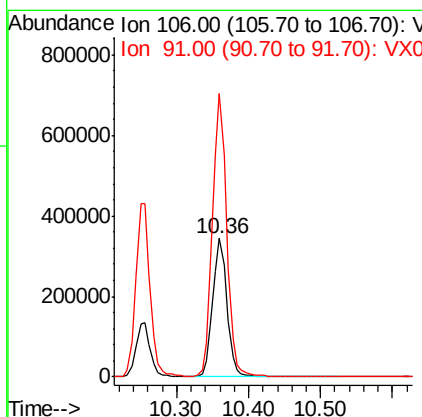
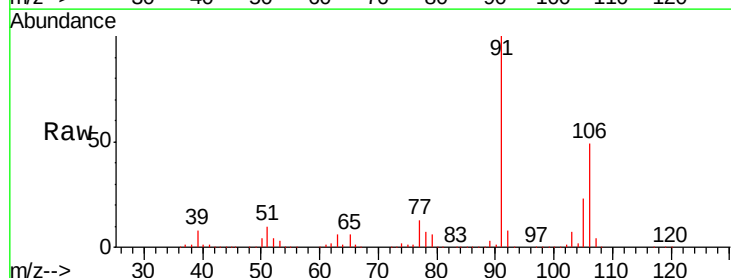
Manual Integrations
APPROVED

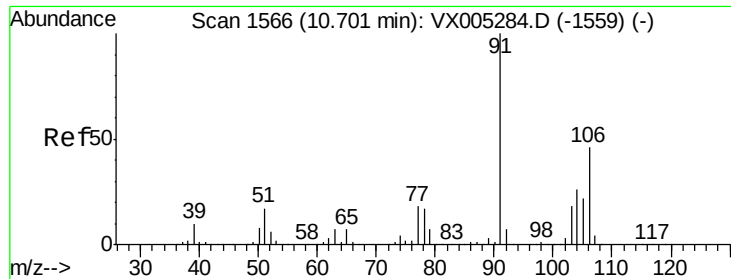
MMDadoda
10/17/2018 9:06:59 AM



#68
m/p-Xylenes
Concen: 102.40 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion: 106 Resp: 473622
Ion Ratio Lower Upper
106 100
91 203.4 157.1 235.7





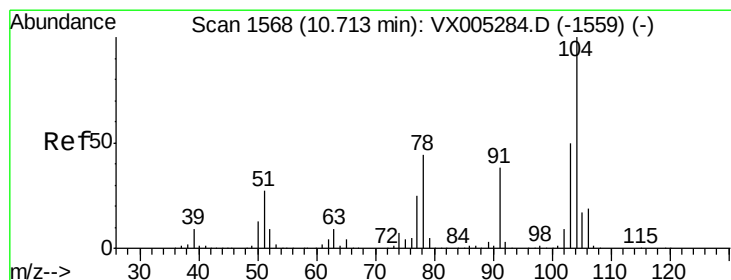
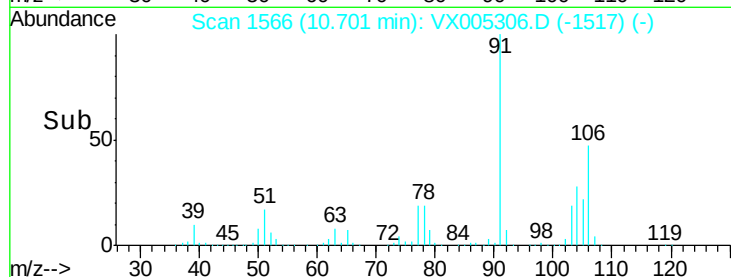
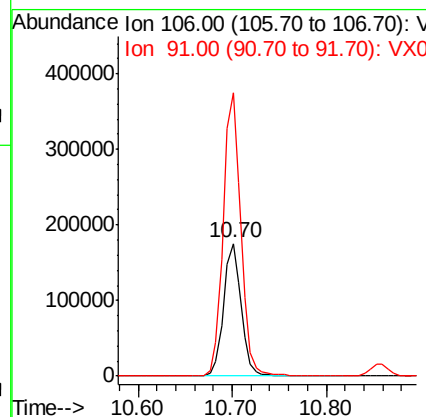
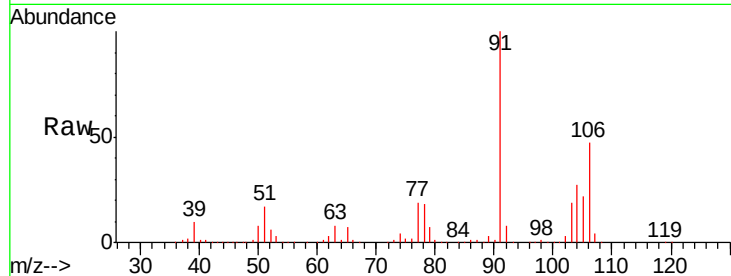
#69
o-Xylene
Concen: 50.88 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 226946
Ion Ratio Lower Upper
106 100
91 215.1 105.1 315.1

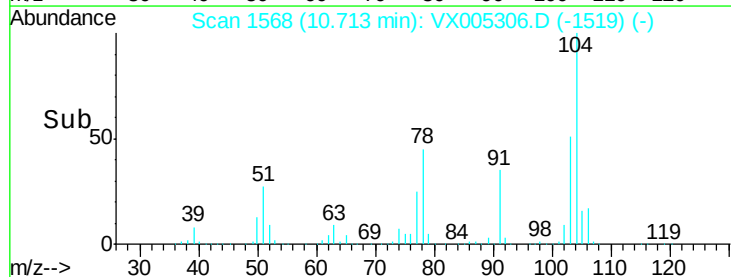
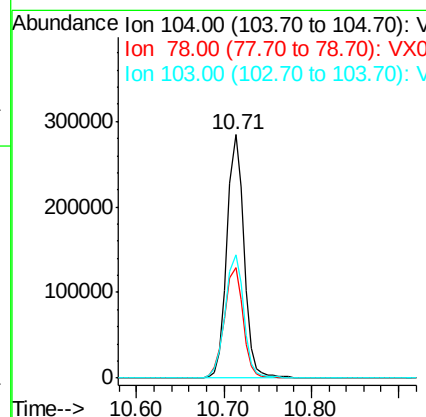
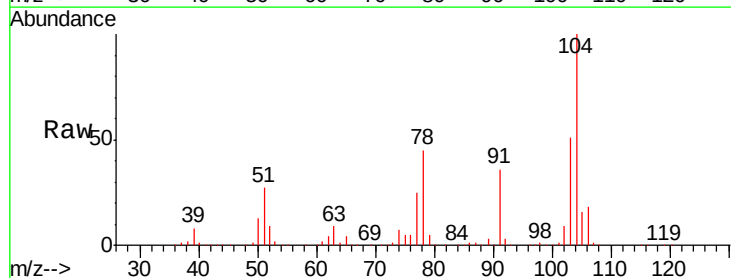
Manual Integrations
APPROVED

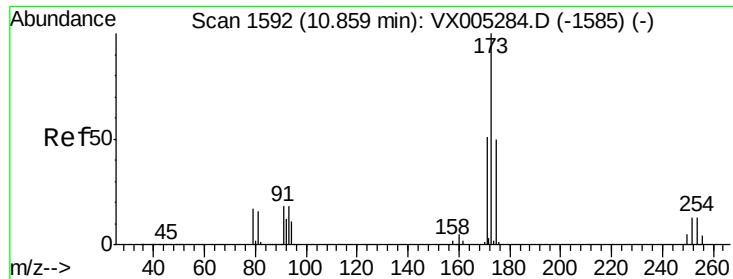
MMDadoda
10/17/2018 9:06:59 AM



#70
Styrene
Concen: 52.36 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion:104 Resp: 384168
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 49.89 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

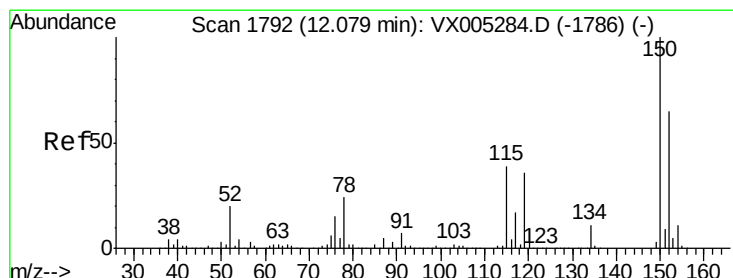
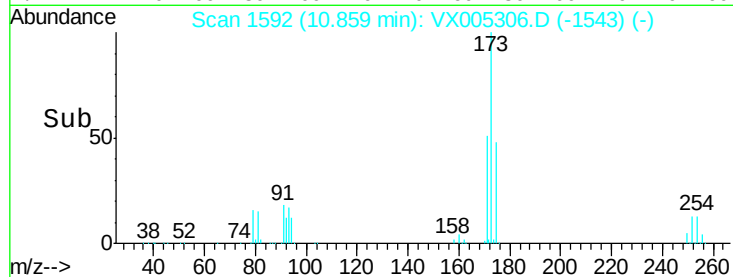
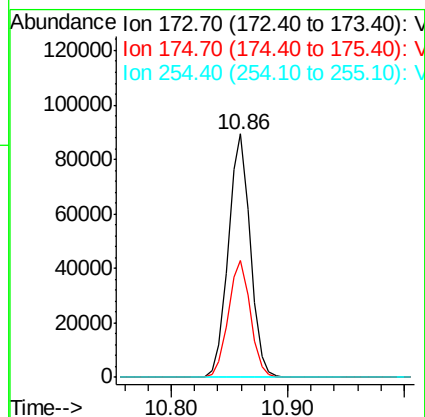
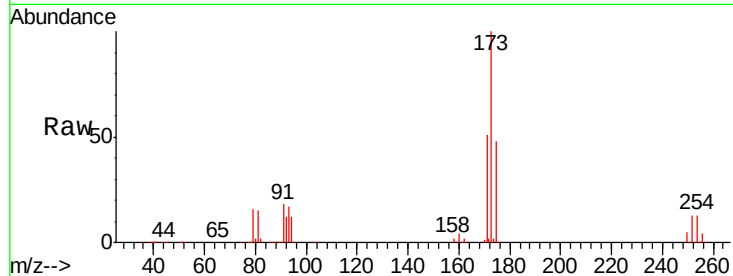
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	116462
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

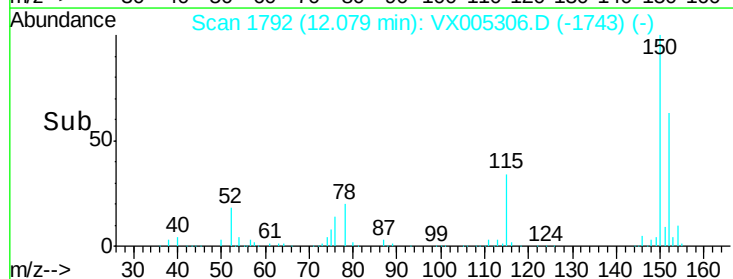
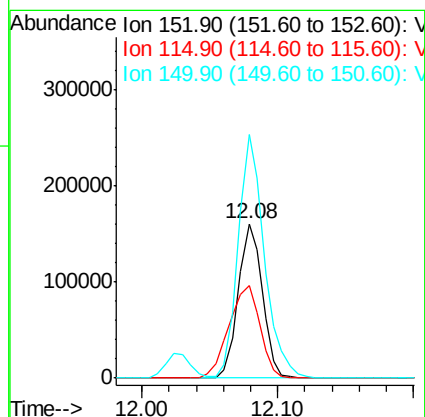
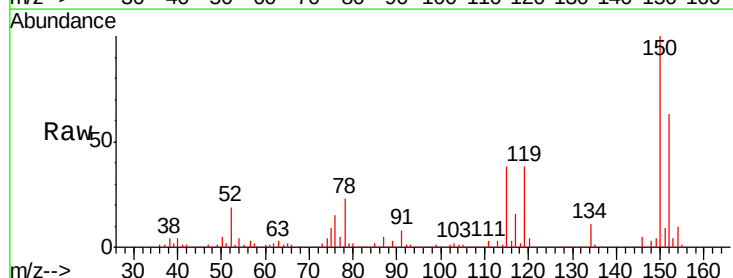
RT: 12.08 min Scan# 1792

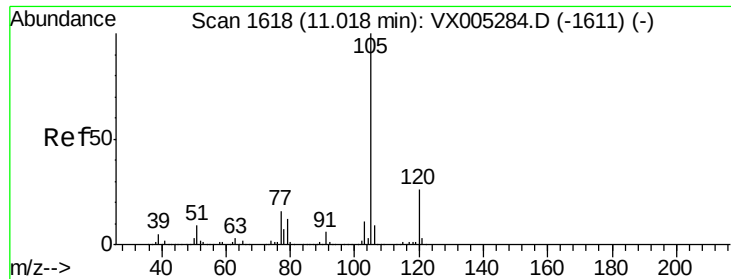
Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion:	152	Resp:	197929
Ion Ratio	Lower	Upper	
152	100		
115	76.9	39.0	117.0
150	171.8	0.0	351.0





#73

Isopropylbenzene

Concen: 52.45 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 617110

Ion Ratio Lower Upper

105 100

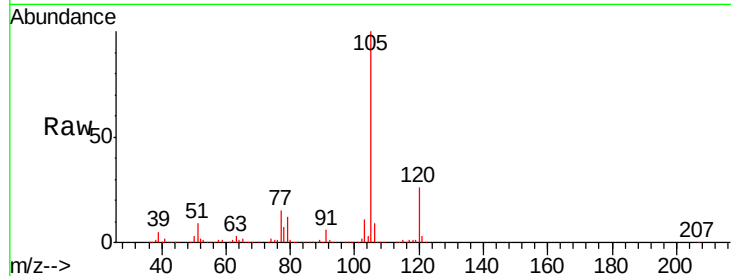
120 26.8 13.5 40.4

Manual Integrations

APPROVED

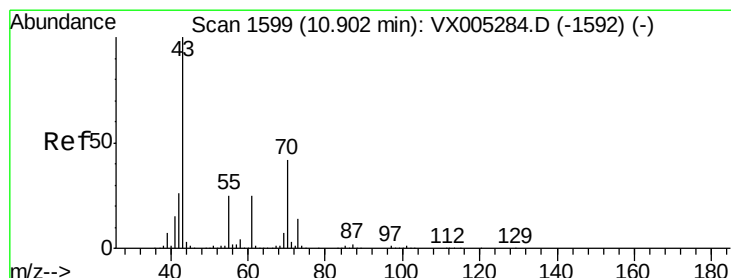
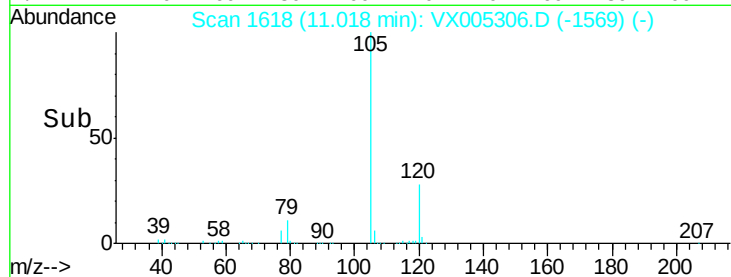
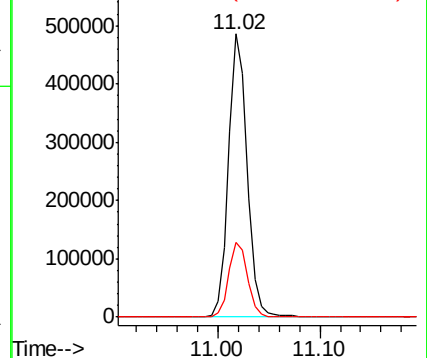
MMDadoda

10/17/2018 9:06:59 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.17 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion: 43 Resp: 290367

Ion Ratio Lower Upper

43 100

70 41.6 37.4 56.0

55 25.9 21.8 32.8

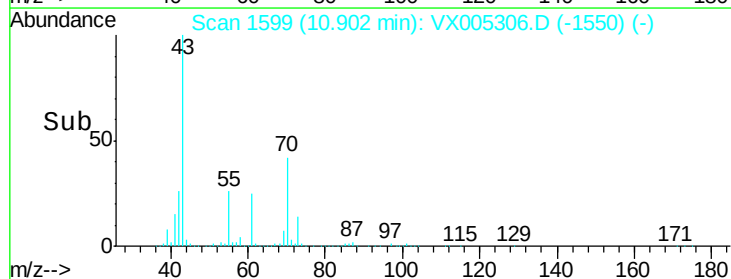
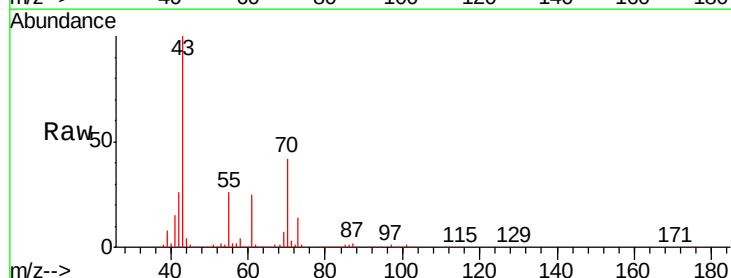
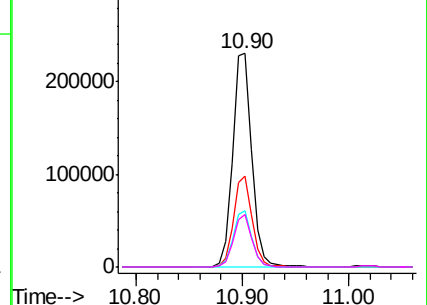
61 23.7 20.6 30.8

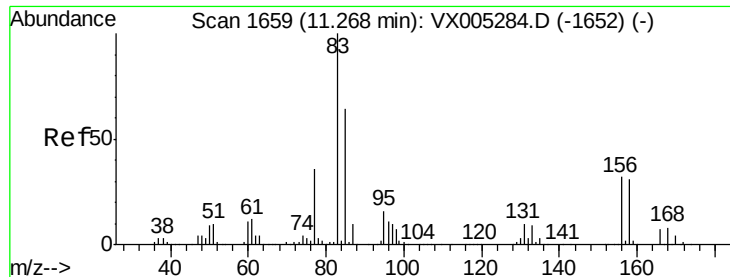
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.25 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

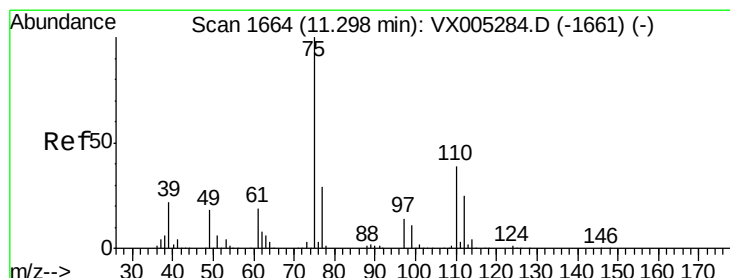
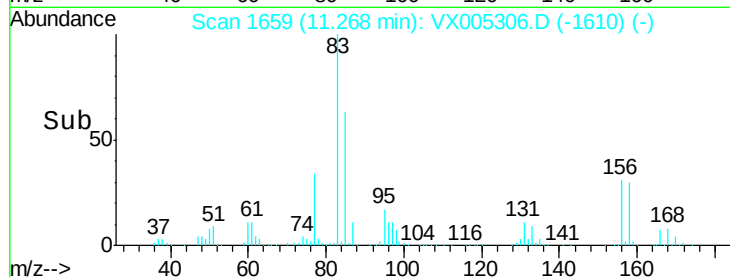
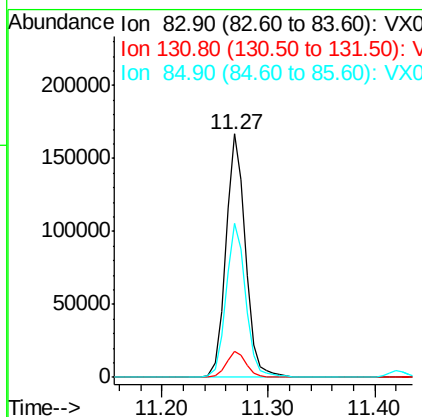
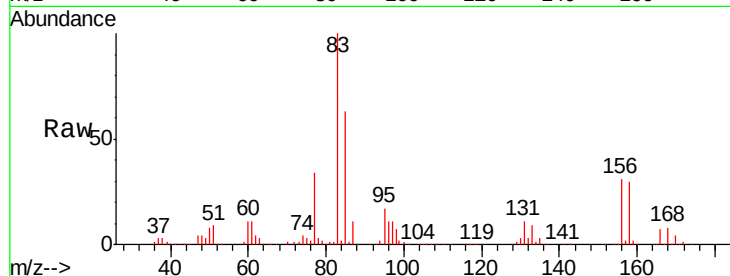
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	214180
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	63.8	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#76

1,2,3-Trichloropropane

Concen: 51.84 ug/l m

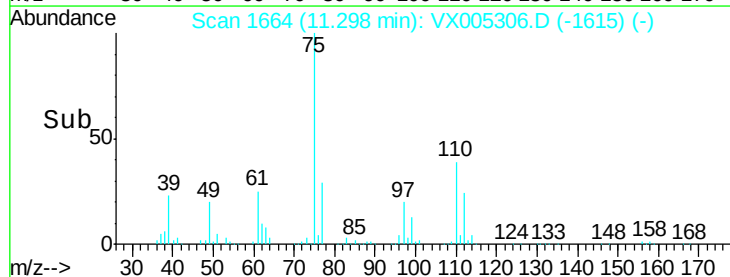
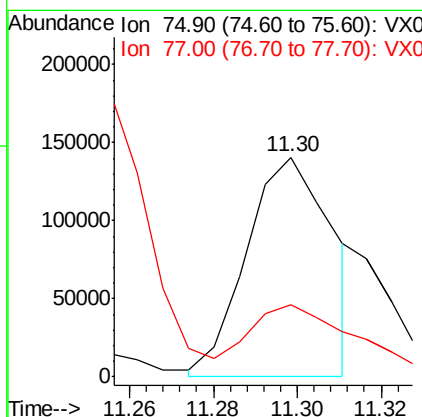
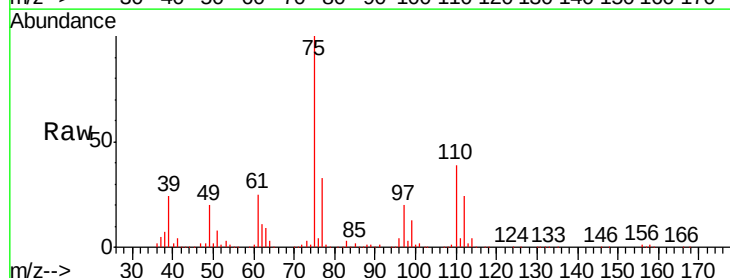
RT: 11.30 min Scan# 1664

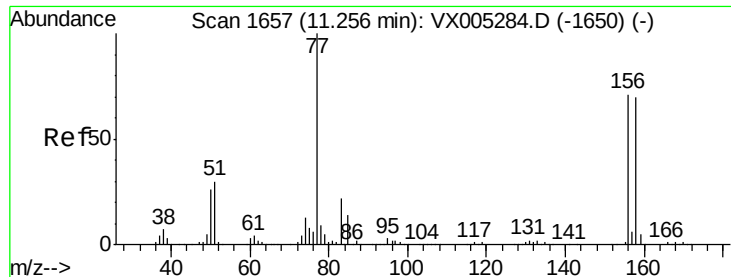
Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion:	75	Resp:	199031
Ion	Ratio	Lower	Upper
75	100		
77	41.1	20.2	60.6





#77

Bromobenzene

Concen: 49.92 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

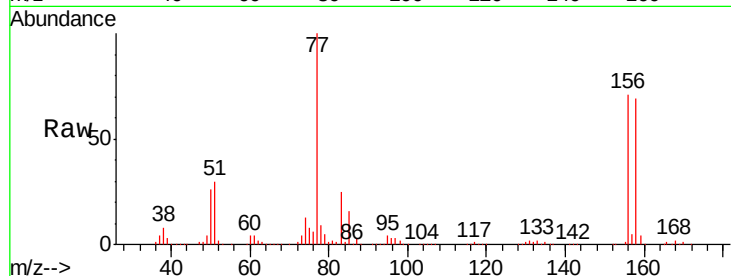
ClientSampleId :

VSTDCCC050

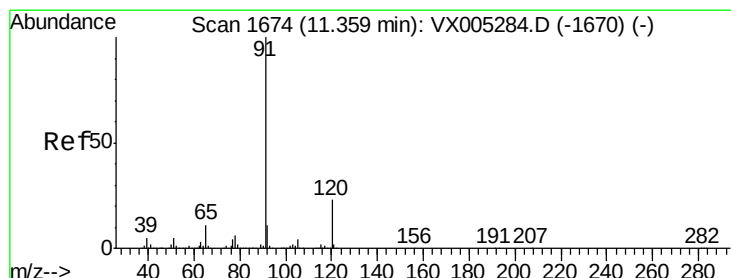
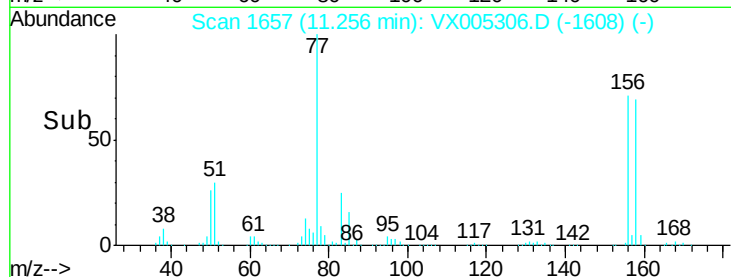
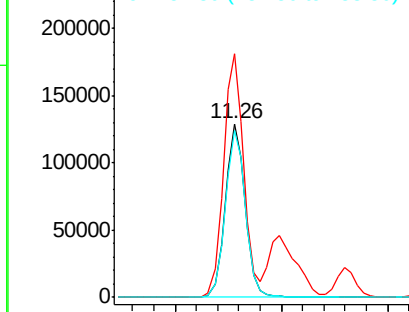
Tgt Ion:	156	Resp:	167939
Ion Ratio	Lower	Upper	
156	100		
77	142.1	71.5	214.3
158	97.5	48.9	146.8

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



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



#78

n-propylbenzene

Concen: 51.99 ug/l

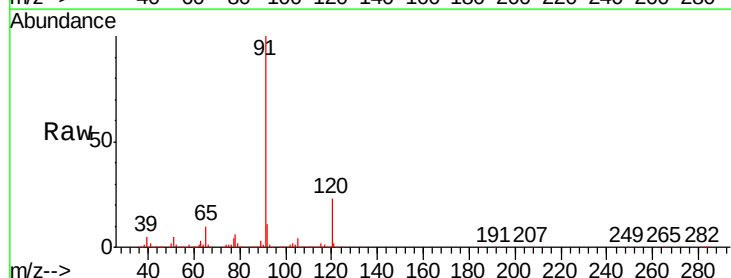
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

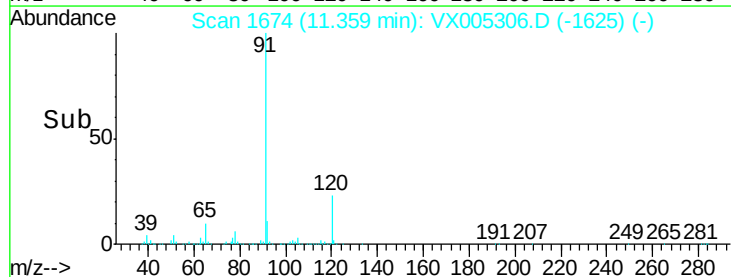
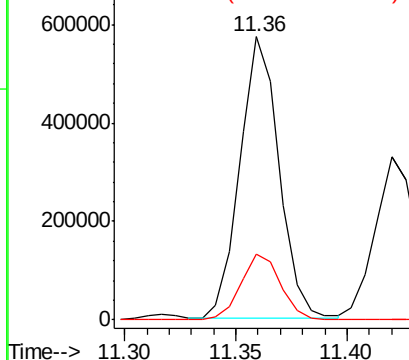
Lab File: VX005306.D

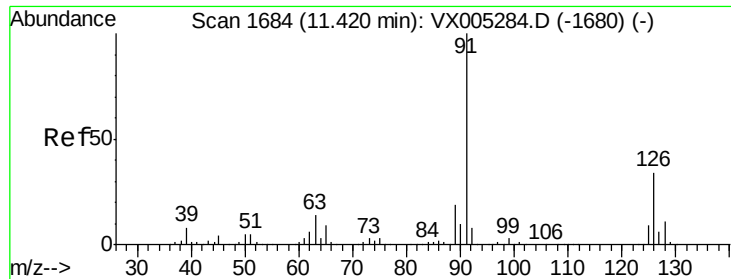
Acq: 12 Oct 2018 21:24

Tgt Ion:	91	Resp:	703959
Ion Ratio	Lower	Upper	
91	100		
120	24.1	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: 50.77 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 420977

Ion Ratio Lower Upper

91 100

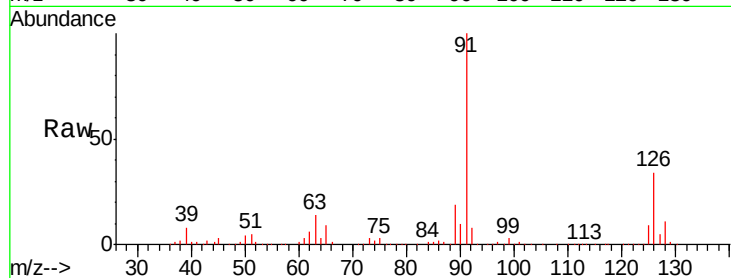
126 35.4 17.9 53.7

Manual Integrations

APPROVED

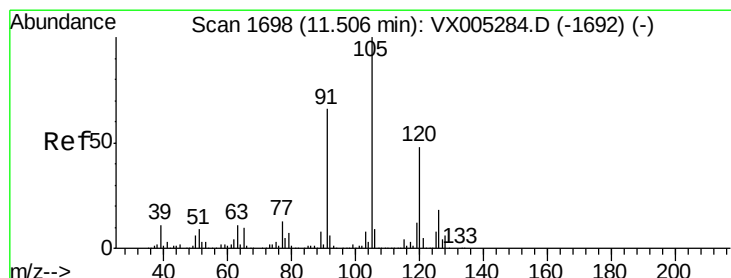
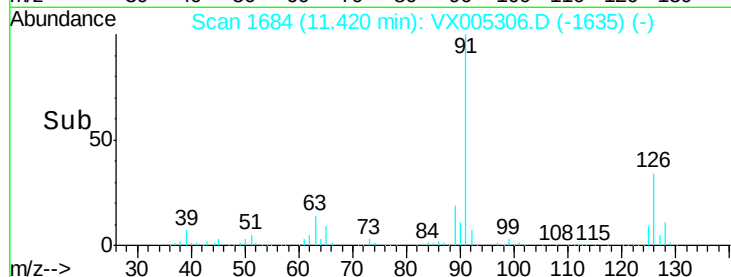
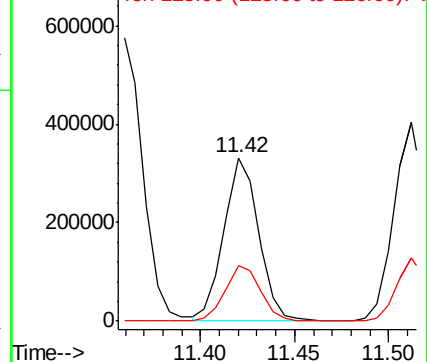
MMDadoda

10/17/2018 9:06:59 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.03 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005306.D

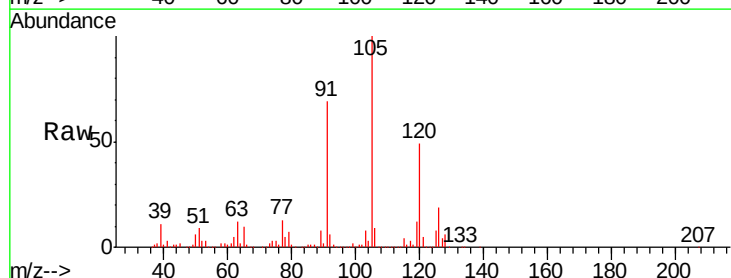
Acq: 12 Oct 2018 21:24

Tgt Ion: 105 Resp: 534294

Ion Ratio Lower Upper

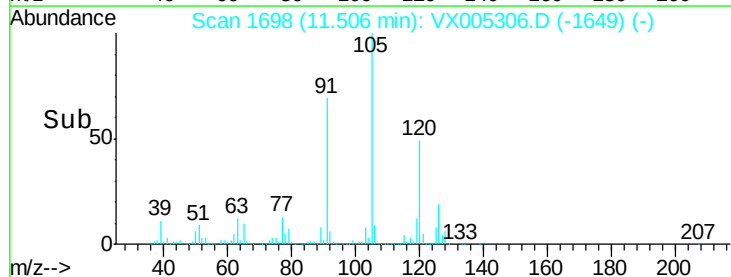
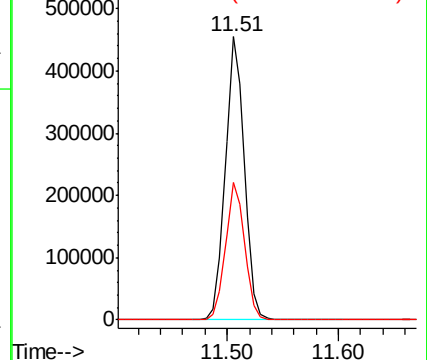
105 100

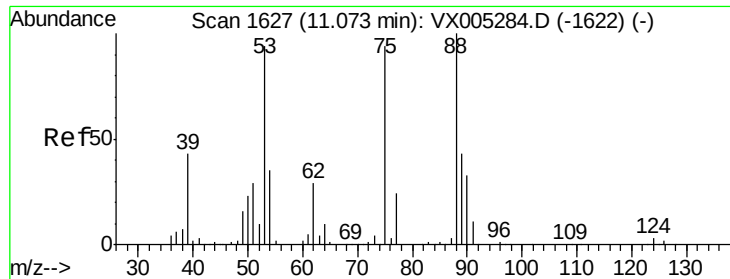
120 49.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.63 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

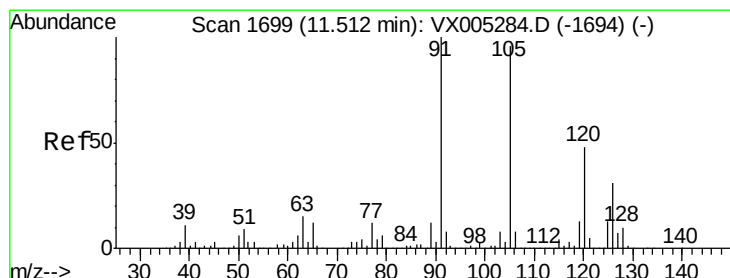
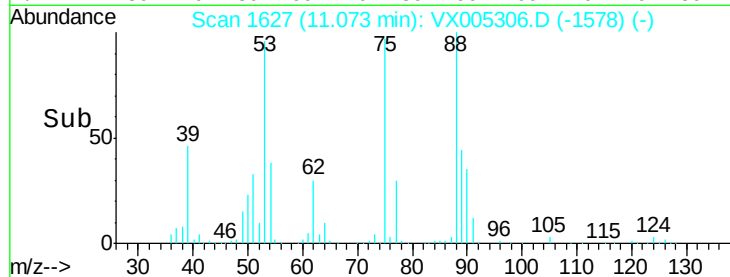
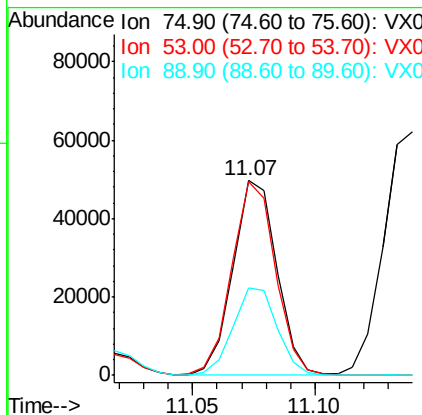
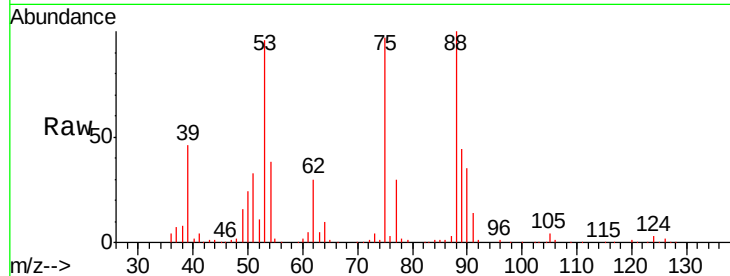
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	61446
Ion	Ratio	Lower	Upper
75	100		
53	99.5	80.1	120.1
89	46.2	37.2	55.8

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#82

4-Chlorotoluene

Concen: 51.08 ug/l

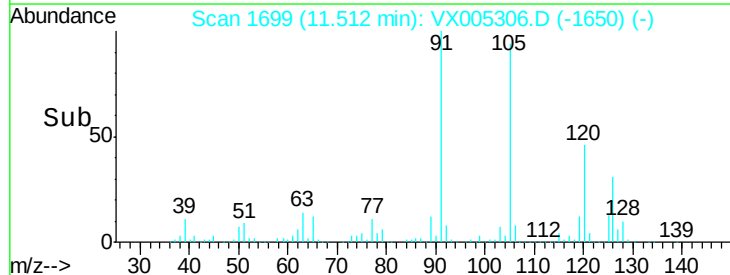
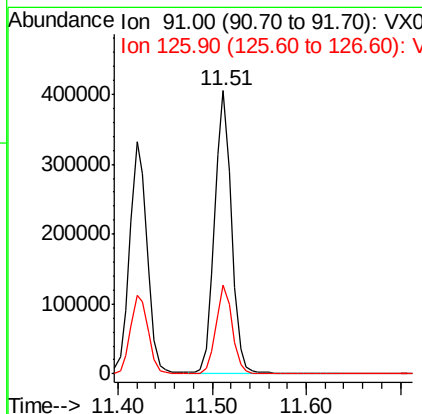
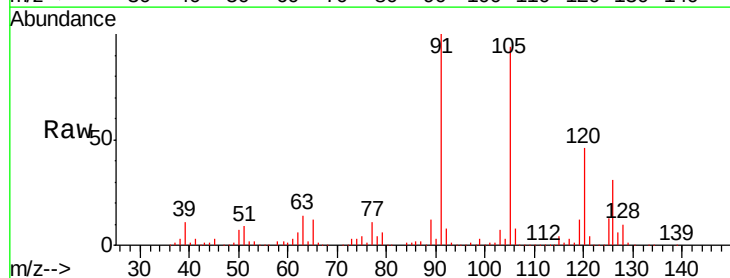
RT: 11.51 min Scan# 1699

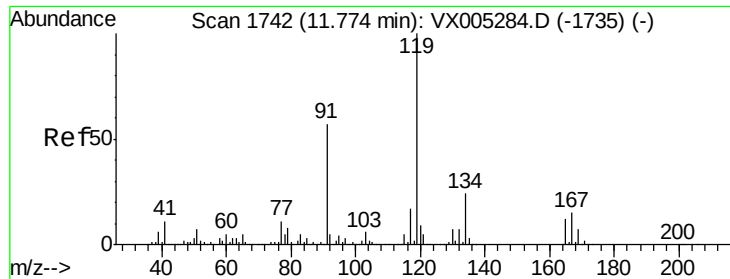
Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Tgt Ion:	91	Resp:	502070
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.5	46.5





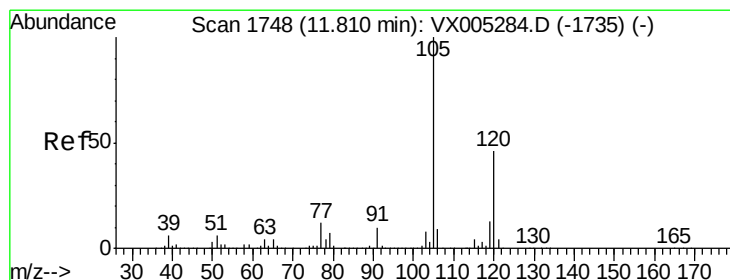
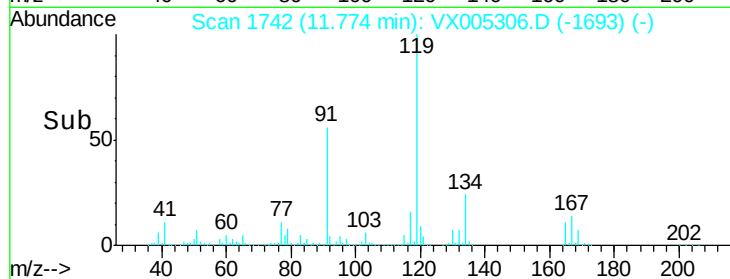
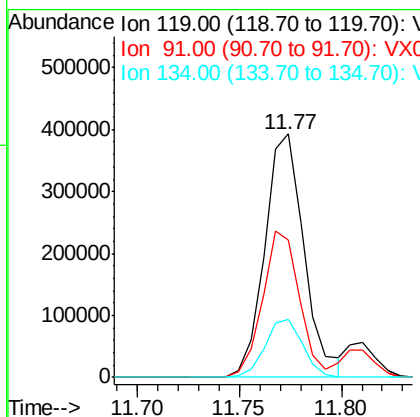
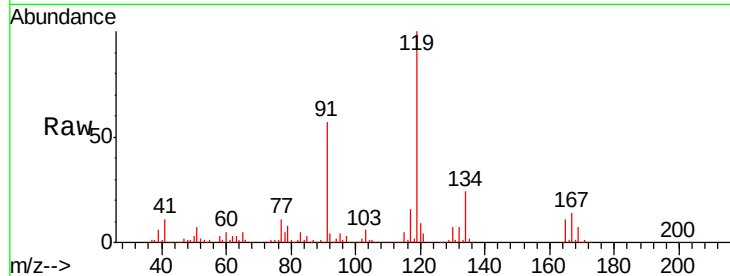
#83
 tert-Butylbenzene
 Concen: 51.76 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	528106		
91	56.3	27.0	81.0	
134	22.9	11.7	35.1	

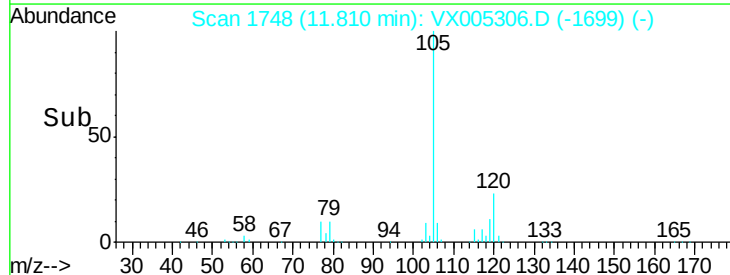
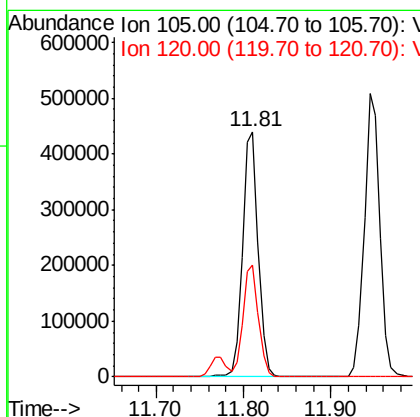
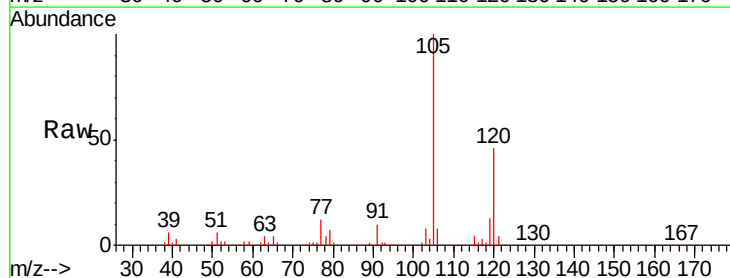
Manual Integrations
 APPROVED

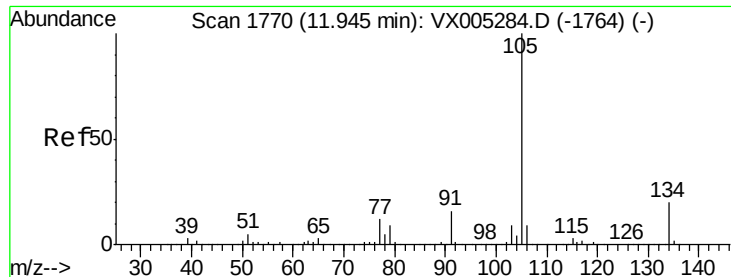
MMDadoda
 10/17/2018 9:06:59 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.87 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	548166		
120	45.0	23.2	69.6	





#85

sec-Butylbenzene

Concen: 52.16 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 629814

Ion Ratio Lower Upper

105 100

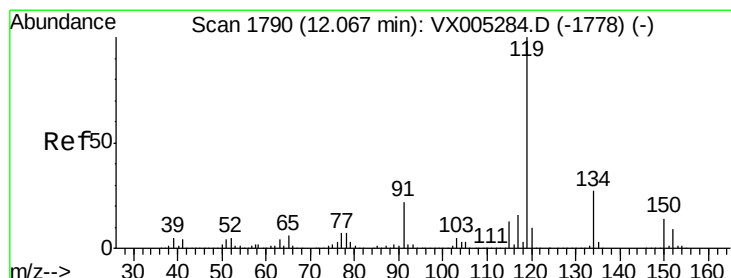
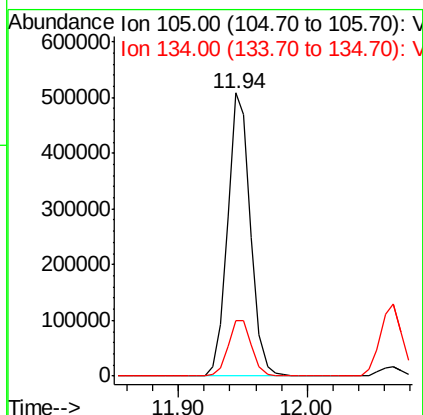
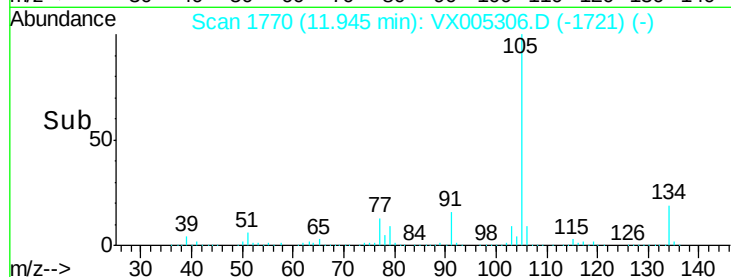
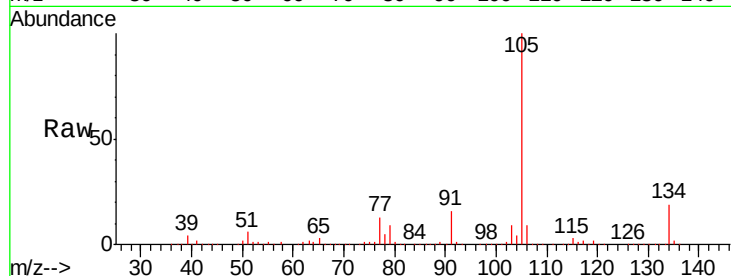
134 20.4 10.5 31.5

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:06:59 AM



#86

p-Isopropyltoluene

Concen: 52.56 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005306.D

Acq: 12 Oct 2018 21:24

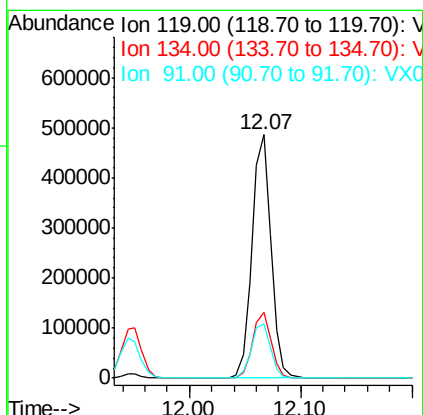
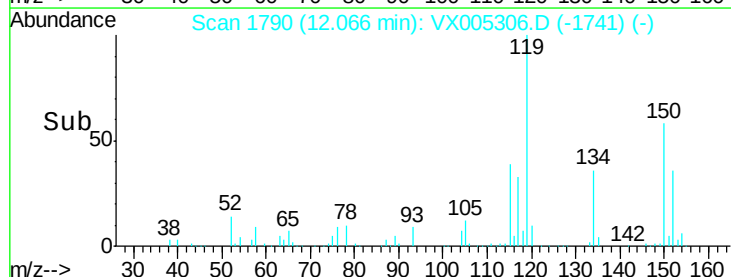
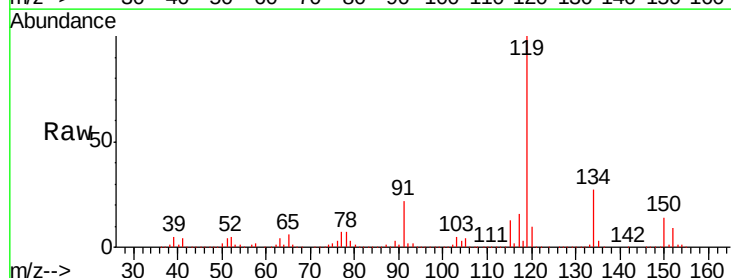
Tgt Ion:119 Resp: 573685

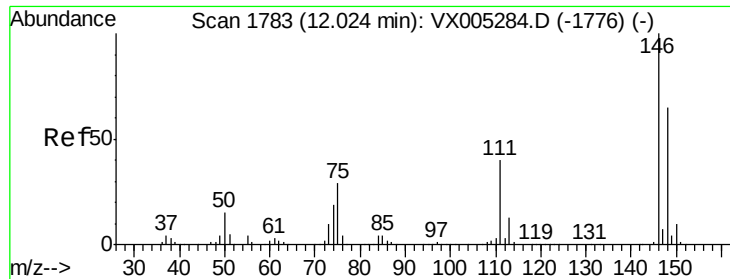
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.9 10.9 32.7





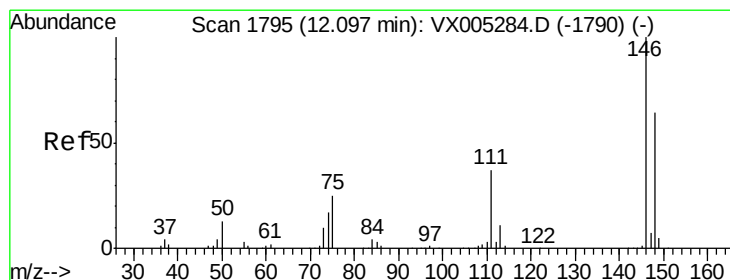
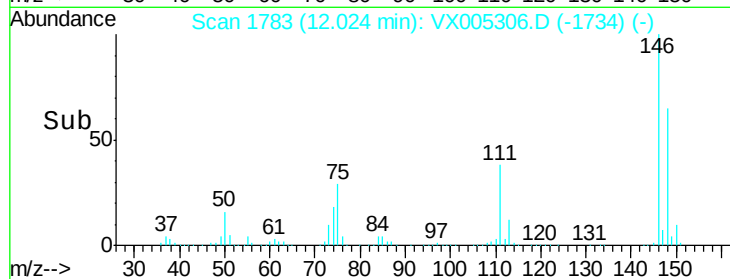
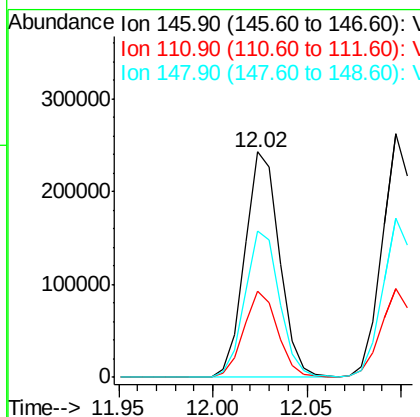
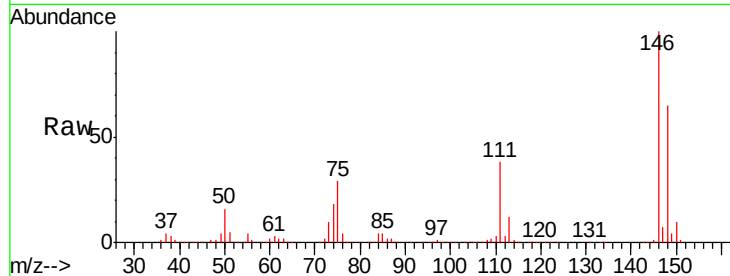
#87
 1,3-Dichlorobenzene
 Concen: 49.34 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.7	32.1	96.5

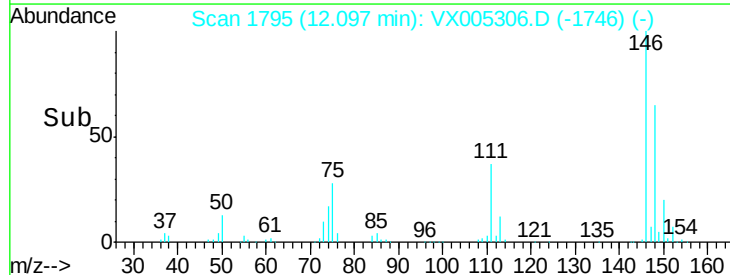
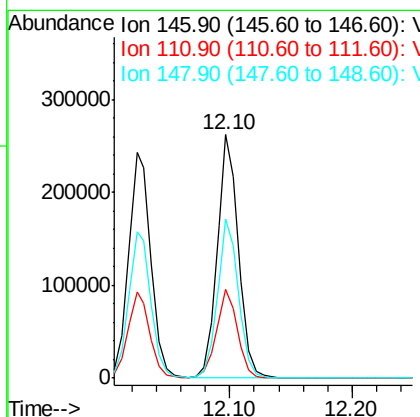
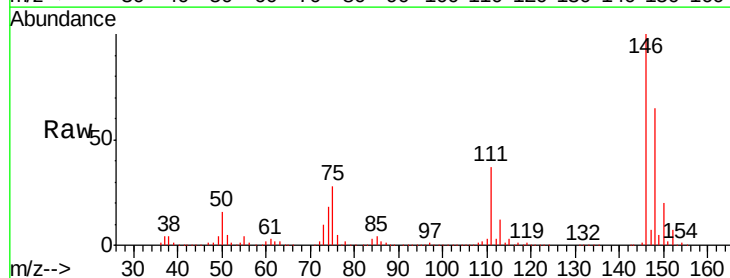
Manual Integrations
 APPROVED

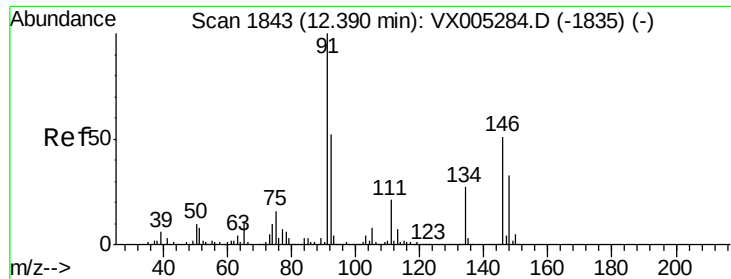
MMDadoda
 10/17/2018 9:06:59 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.02 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.9	32.0	96.0





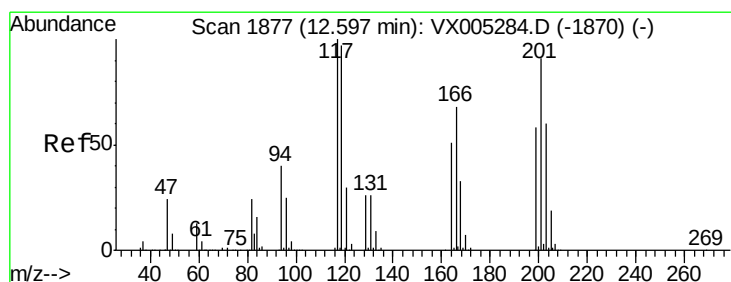
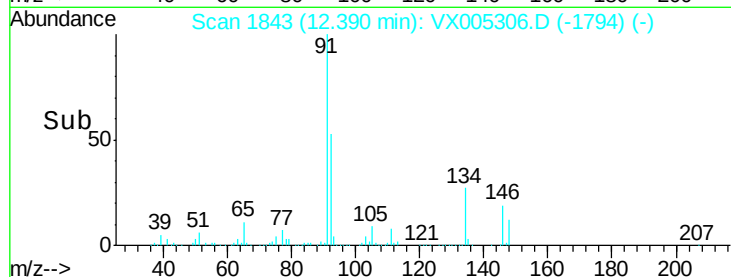
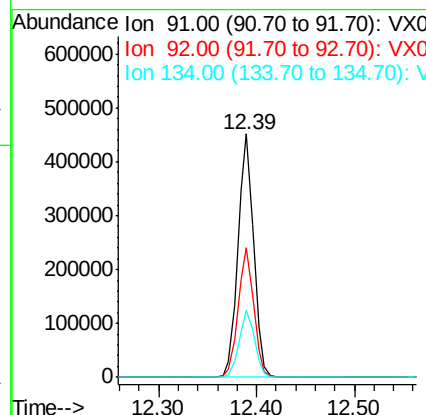
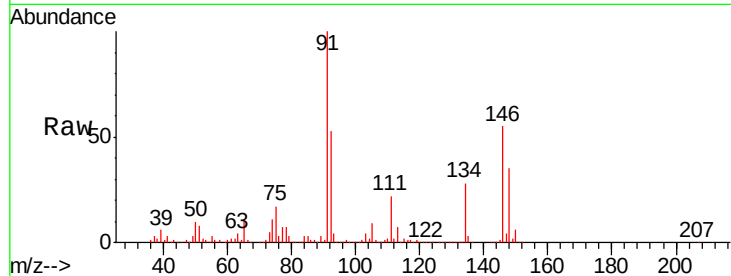
#89
n-Butylbenzene
Concen: 50.60 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.3	81.9
134	27.2	13.6	40.7

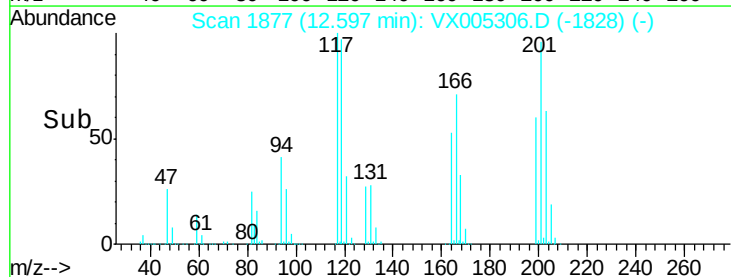
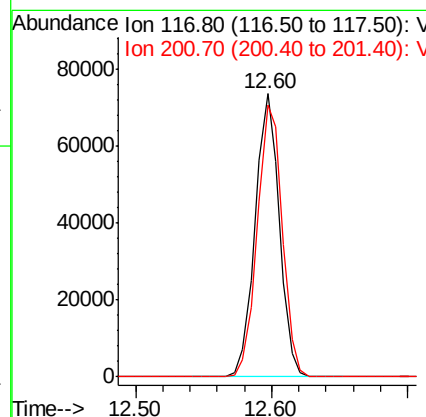
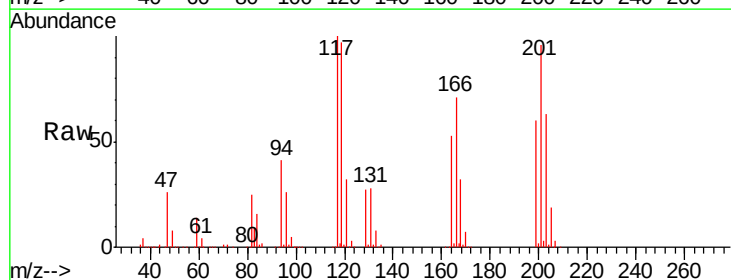
Manual Integrations
APPROVED

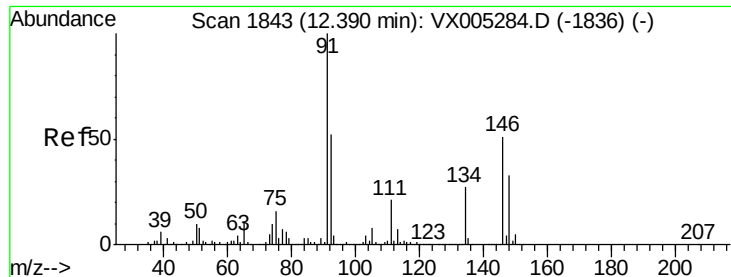
MMDadoda
10/17/2018 9:06:59 AM



#90
Hexachloroethane
Concen: 49.09 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.7	46.9	140.6





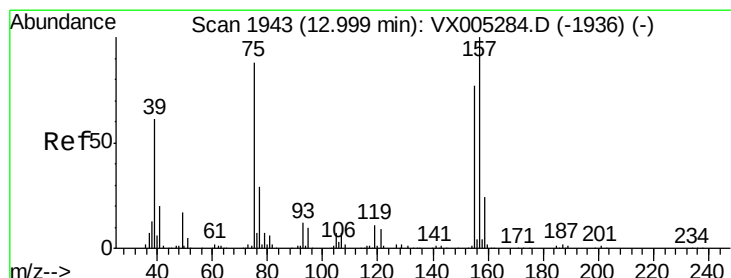
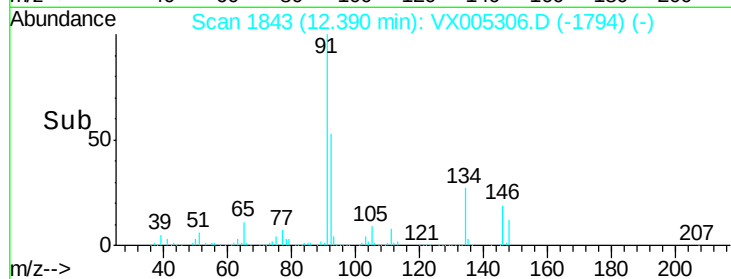
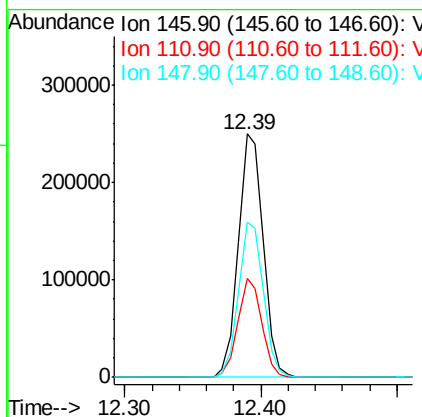
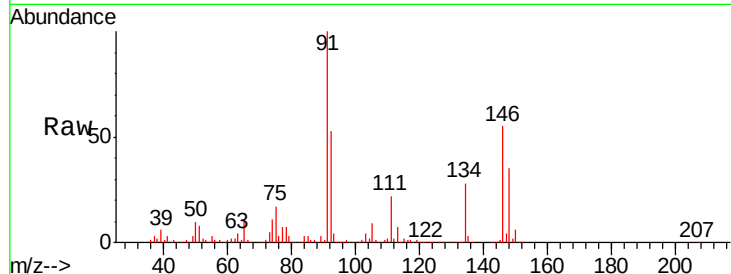
#91
 1,2-Dichlorobenzene
 Concen: 49.52 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317659		
111	39.0	19.4	58.1	
148	63.8	32.8	98.3	

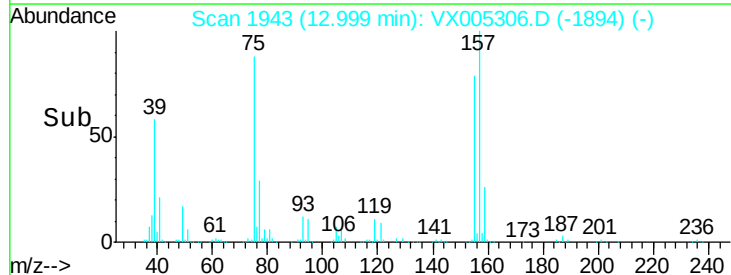
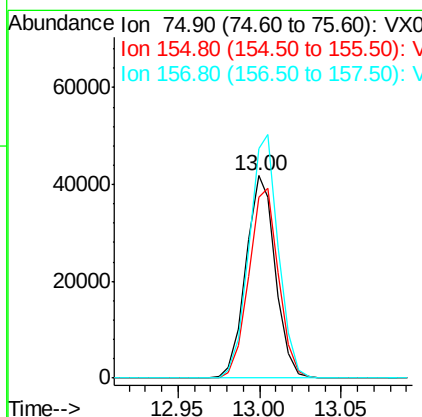
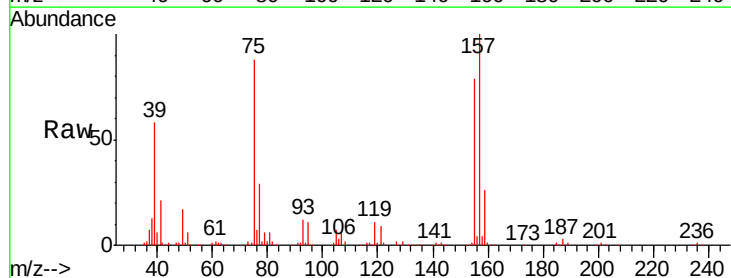
Manual Integrations
 APPROVED

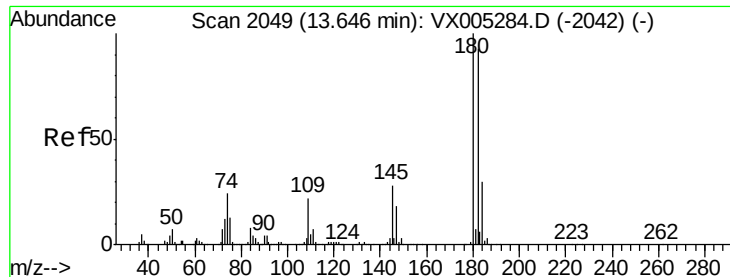
MMDadoda
 10/17/2018 9:06:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.50 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52511		
155	94.6	48.0	144.2	
157	120.2	61.4	184.1	





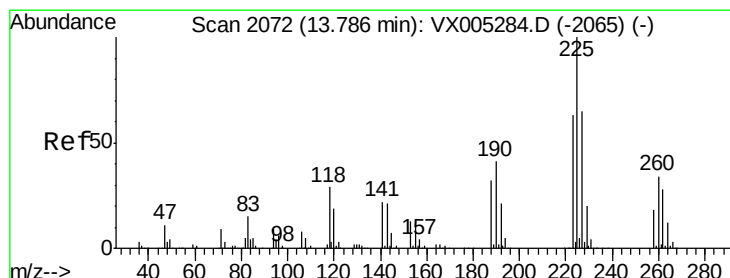
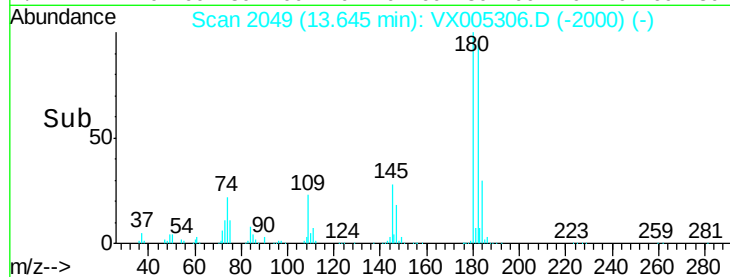
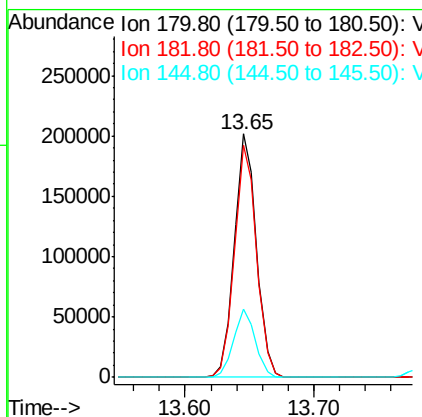
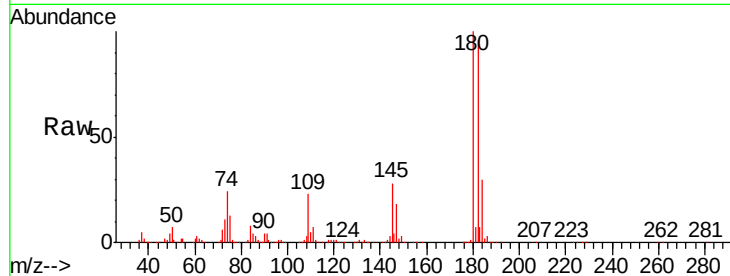
#93
 1,2,4-Trichlorobenzene
 Concen: 51.16 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240812		
182	95.5	48.4	145.0	
145	27.6	14.3	42.9	

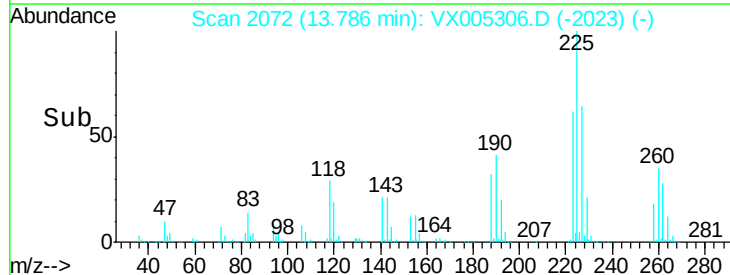
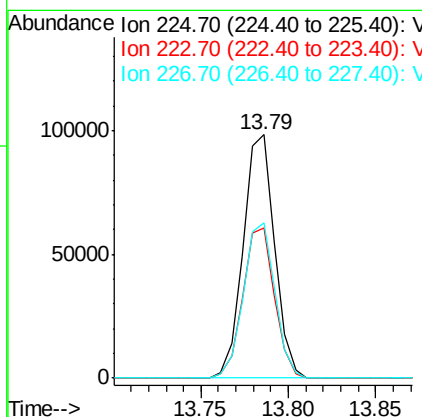
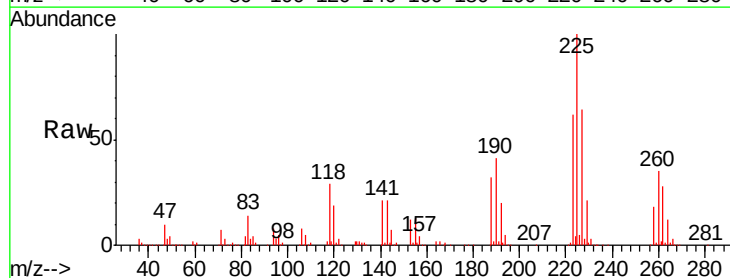
Manual Integrations
 APPROVED

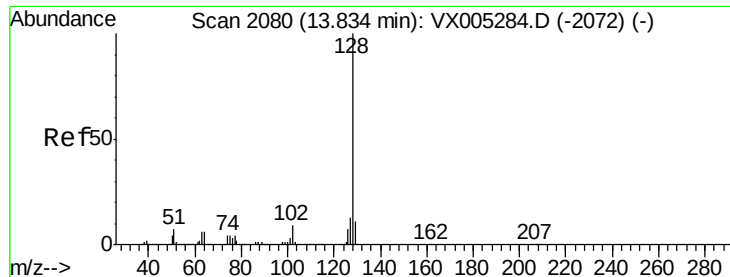
MMDadoda
 10/17/2018 9:06:59 AM



#94
 Hexachlorobutadiene
 Concen: 49.21 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005306.D
 Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122329		
223	62.5	30.1	90.5	
227	64.0	30.8	92.4	





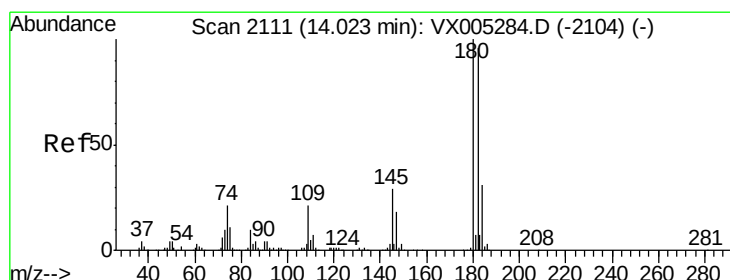
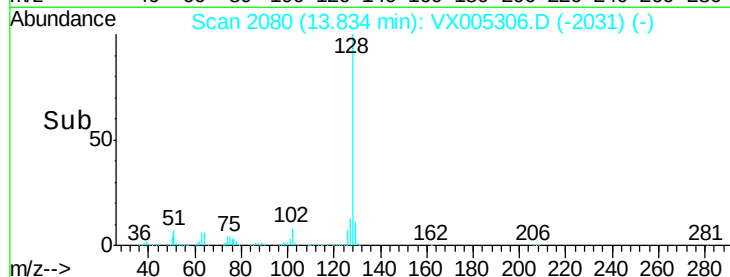
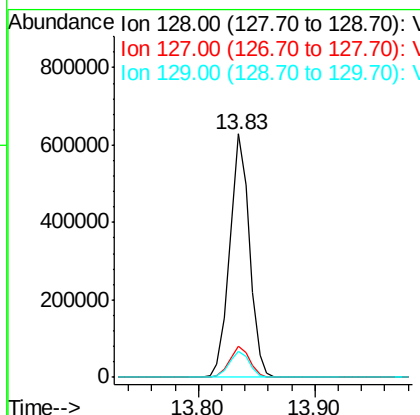
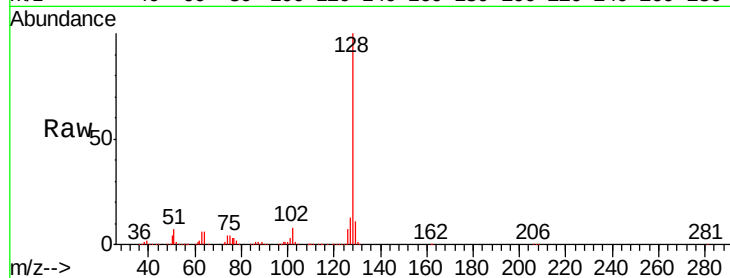
#95
Naphthalene
Concen: 54.29 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.31 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005306.D
Acq: 12 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.5	145.6
145	29.4	14.9	44.9

