

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004788.D
 Acq On : 27 Sep 2018 21:57
 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
 9/28/2018 2:26:11 PM

Quant Time: Sep 28 07:44:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169414	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	5.50	113	137606	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.71	98	526778	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
62) 4-Bromofluorobenzene	11.14	95	196216	56.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	195830	62.139	ug/l	99
3) Chloromethane	1.32	50	209346	54.753	ug/l	98
4) Vinyl Chloride	1.40	62	207473	57.855	ug/l	98
5) Bromomethane	1.64	94	95669	44.989	ug/l	98
6) Chloroethane	1.71	64	118647	61.233	ug/l	99
7) Trichlorofluoromethane	1.92	101	259824	58.525	ug/l	95
8) Diethyl Ether	2.19	74	104860	54.370	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	143518	56.752	ug/l	98
10) Methyl Iodide	2.51	142	91527	27.047	ug/l	99
11) Tert butyl alcohol	3.09	59	242563	262.739	ug/l	100
12) 1,1-Dichloroethene	2.37	96	138823	55.431	ug/l	93
13) Acrolein	2.29	56	83016	126.383	ug/l	96
14) Allyl chloride	2.72	41	310598	56.840	ug/l	95
15) Acrylonitrile	3.15	53	560870	275.973	ug/l	99
16) Acetone	2.45	43	513623	266.451	ug/l	96
17) Carbon Disulfide	2.56	76	417440	55.470	ug/l	100
18) Methyl Acetate	2.78	43	282750	57.894	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	506102	58.586	ug/l	95
20) Methylene Chloride	2.85	84	166121	59.430	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	150049	54.731	ug/l	98
22) Diisopropyl ether	3.87	45	533806	58.012	ug/l	96
23) Vinyl Acetate	3.82	43	2329411	276.559	ug/l	96
24) 1,1-Dichloroethane	3.69	63	285120	51.945	ug/l	98
25) 2-Butanone	4.70	43	761765	268.095	ug/l	93
26) 2,2-Dichloropropane	4.58	77	188876	49.415	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	163392	53.349	ug/l	94
28) Bromochloromethane	5.02	49	136828	52.936	ug/l	90
29) Tetrahydrofuran	5.16	42	499181	282.656	ug/l	92
30) Chloroform	5.21	83	275882	53.181	ug/l	98
31) Cyclohexane	5.57	56	256124	60.967	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	238050	56.189	ug/l	99
36) 1,1-Dichloropropene	5.79	75	207354	52.110	ug/l	100
37) Ethyl Acetate	4.86	43	271871	51.471	ug/l	97
38) Carbon Tetrachloride	5.78	117	207637	49.640	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004788.D
 Acq On : 27 Sep 2018 21:57
 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
 9/28/2018 2:26:11 PM

Quant Time: Sep 28 07:44:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246836	60.749	ug/l	94
40) Benzene	6.14	78	629951	50.568	ug/l	99
41) Methacrylonitrile	5.06	41	152551	52.078	ug/l	96
42) 1,2-Dichloroethane	6.20	62	221817	50.368	ug/l	97
43) Isopropyl Acetate	6.46	43	406454	53.314	ug/l	97
44) Trichloroethene	7.21	130	165240	53.956	ug/l	94
45) 1,2-Dichloropropane	7.52	63	171650	56.187	ug/l	100
46) Dibromomethane	7.66	93	107232	55.851	ug/l	97
47) Bromodichloromethane	7.90	83	206611	57.477	ug/l	100
48) Methyl methacrylate	7.77	41	214386	61.956	ug/l	94
49) 1,4-Dioxane	7.76	88	91223	1061.133	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1444806	300.985	ug/l	96
52) Toluene	8.79	92	393187	57.439	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	232860	57.325	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	251625	59.140	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162377	54.154	ug/l	97
56) Ethyl methacrylate	9.18	69	261810	53.590	ug/l	94
57) 1,3-Dichloropropane	9.37	76	275108	55.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	705693	271.825	ug/l	94
59) 2-Hexanone	9.50	43	1144836	286.198	ug/l	94
60) Dibromochloromethane	9.59	129	166887	55.653	ug/l	99
61) 1,2-Dibromoethane	9.67	107	168528	52.481	ug/l	99
64) Tetrachloroethene	9.34	164	169589	52.098	ug/l	98
65) Chlorobenzene	10.14	112	437747	51.615	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	157781	52.919	ug/l	99
67) Ethyl Benzene	10.26	91	749789	55.685	ug/l	98
68) m/p-Xylenes	10.36	106	585065	111.194	ug/l	95
69) o-Xylene	10.70	106	280818	58.107	ug/l	96
70) Styrene	10.71	104	476280	52.578	ug/l	97
71) Bromoform	10.86	173	136773	53.582	ug/l	99
73) Isopropylbenzene	11.02	105	746181	57.695	ug/l	99
74) N-amyl acetate	10.90	43	380708	53.432	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	268883	51.073	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	247400m	53.795	ug/l	
77) Bromobenzene	11.26	156	201902	53.747	ug/l	97
78) n-propylbenzene	11.36	91	864902	58.285	ug/l	99
79) 2-Chlorotoluene	11.42	91	517324	55.930	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	641535	54.138	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	77801	46.293	ug/l	99
82) 4-Chlorotoluene	11.51	91	615424	56.528	ug/l	99
83) tert-Butylbenzene	11.77	119	620908	58.311	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	665631	54.469	ug/l	98
85) sec-Butylbenzene	11.94	105	756884	58.357	ug/l	98
86) p-Isopropyltoluene	12.07	119	681656	58.009	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	371882	53.016	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	376539	52.001	ug/l	99
89) n-Butylbenzene	12.39	91	610367	57.194	ug/l	97
90) Hexachloroethane	12.60	117	109439	55.937	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	377279	51.467	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62507	54.074	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092718\
Data File : VX004788.D
Acq On : 27 Sep 2018 21:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

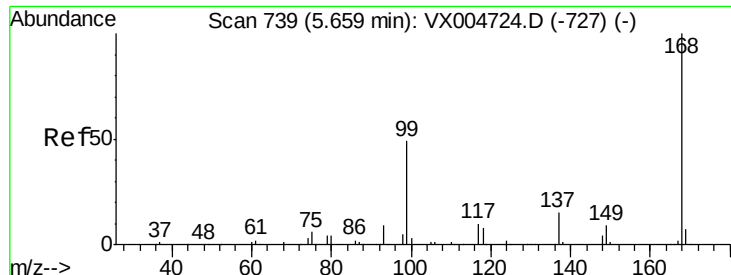
Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM

Quant Time: Sep 28 07:44:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280737	54.595	ug/l	99
94) Hexachlorobutadiene	13.79	225	135130	50.677	ug/l	97
95) Naphthalene	13.83	128	909828	53.261	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288765	54.361	ug/l	99

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



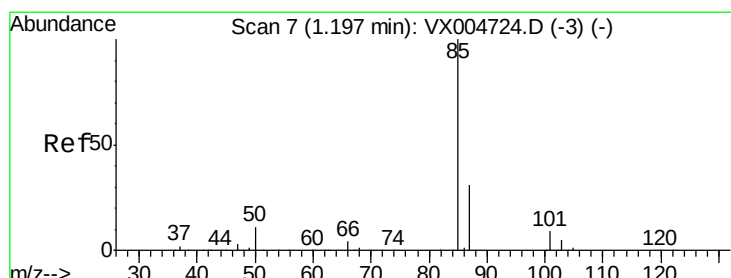
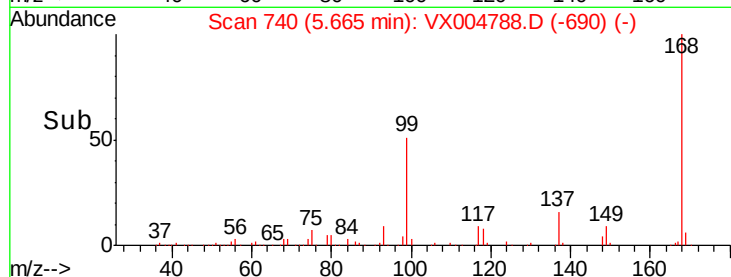
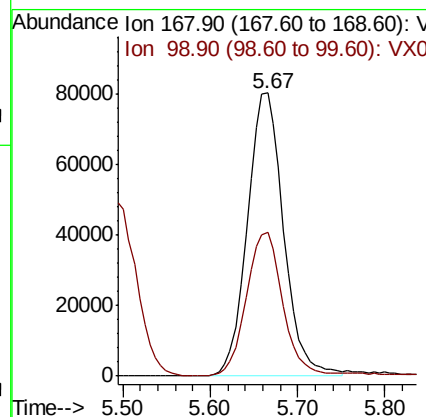
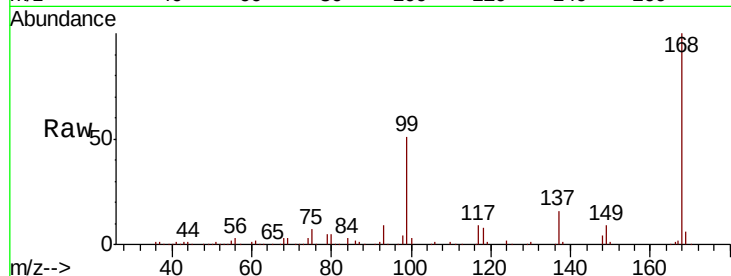
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	231136		
99	50.6	39.9	59.9	

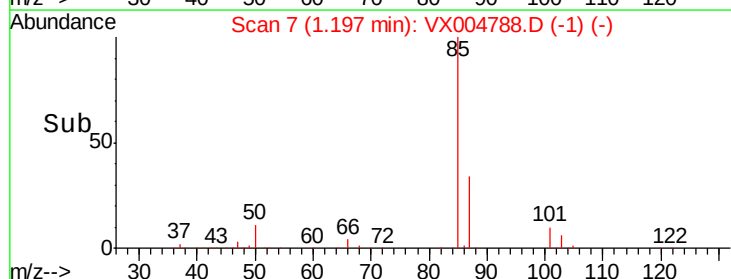
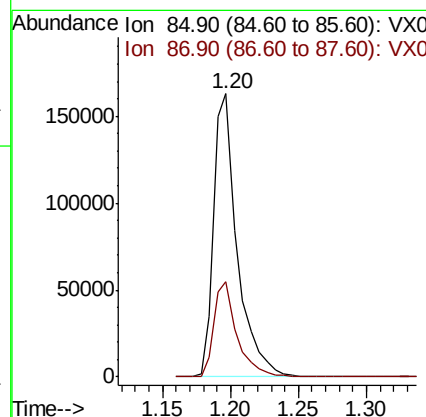
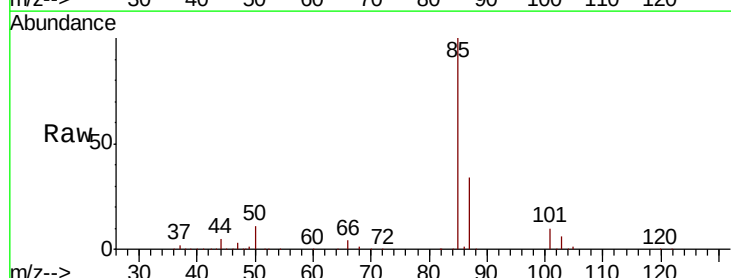
Manual Integrations
APPROVED

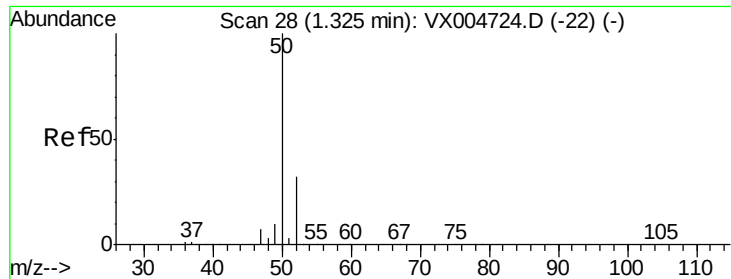
MMDadoda
9/28/2018 2:26:11 PM



#2
Dichlorodifluoromethane
Concen: 62.139 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	195830		
87	33.6	17.0	50.9	





#3

Chloromethane

Concen: 54.753 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 209346

Ion Ratio Lower Upper

50 100

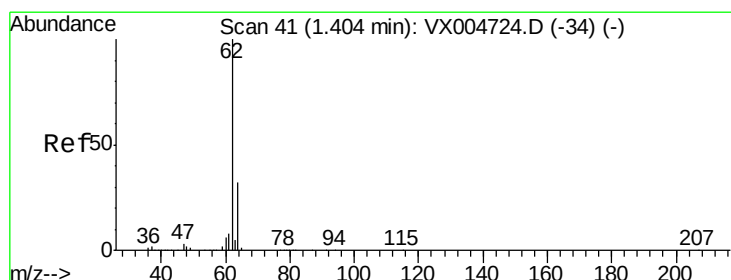
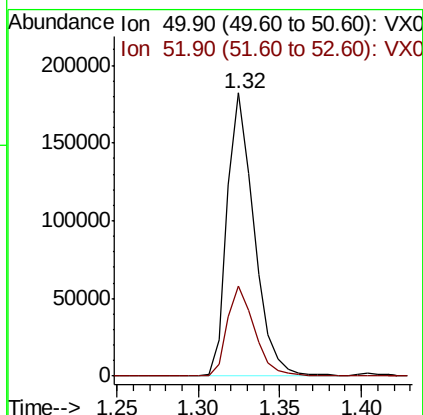
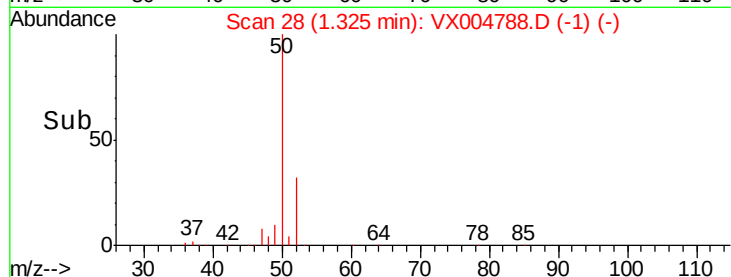
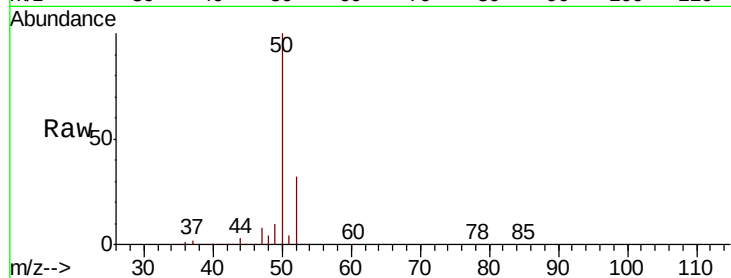
52 31.8 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

9/28/2018 2:26:11 PM



#4

Vinyl Chloride

Concen: 57.855 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004788.D

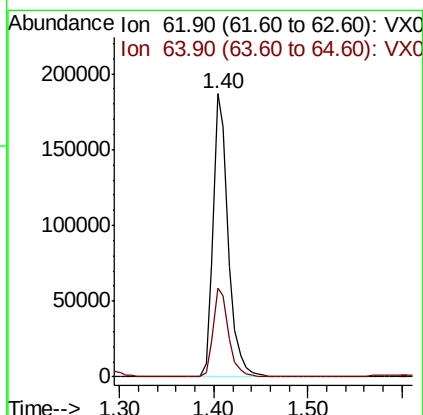
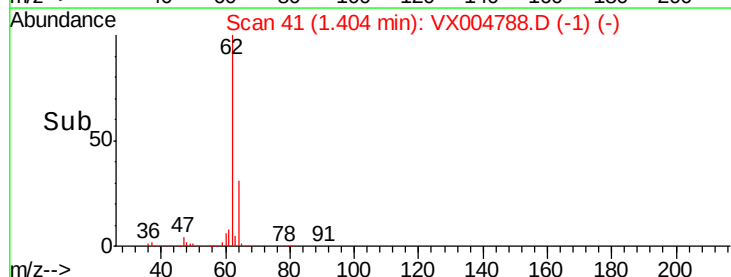
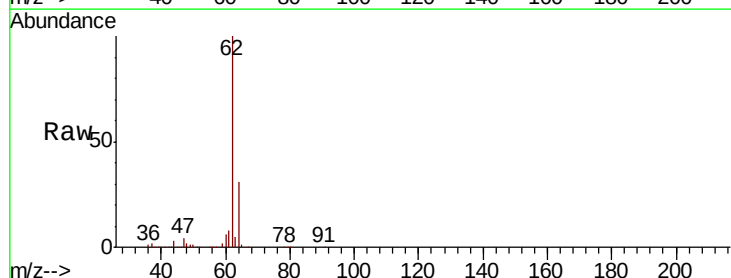
Acq: 27 Sep 2018 21:57

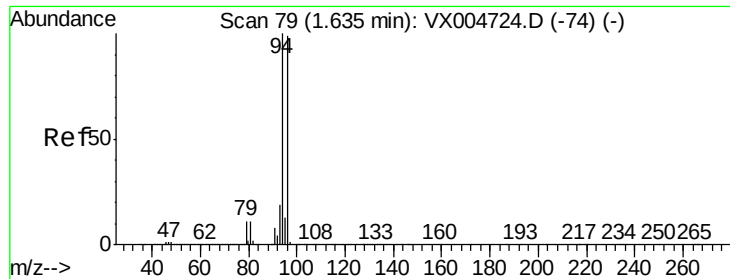
Tgt Ion: 62 Resp: 207473

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 44.989 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 95669

Ion Ratio Lower Upper

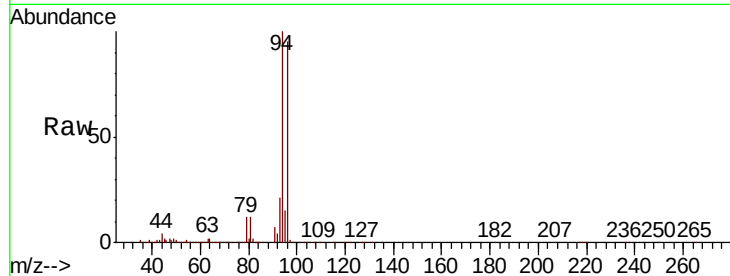
94 100

96 95.4 74.5 111.7

Manual Integrations
APPROVED

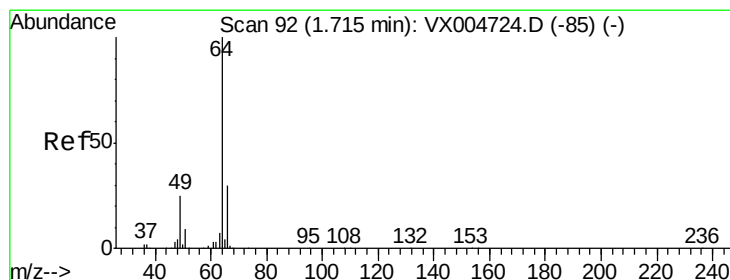
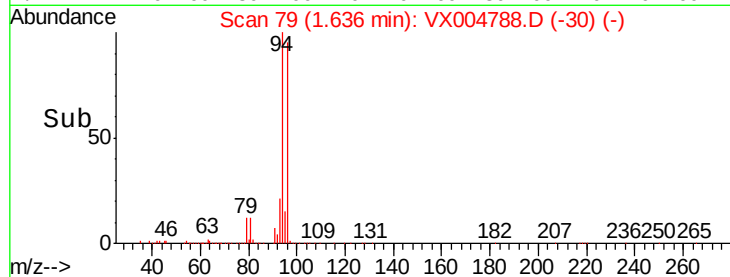
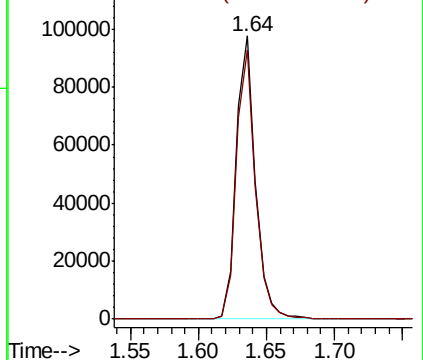
MMDadoda

9/28/2018 2:26:11 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 61.233 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004788.D

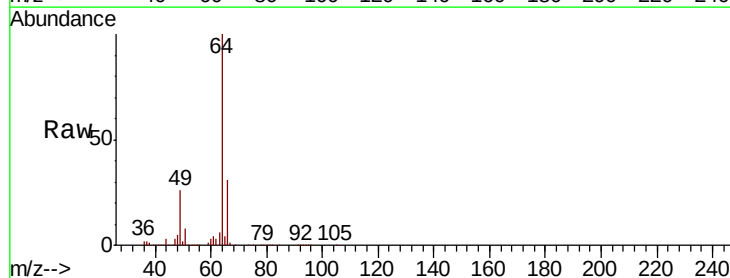
Acq: 27 Sep 2018 21:57

Tgt Ion: 64 Resp: 118647

Ion Ratio Lower Upper

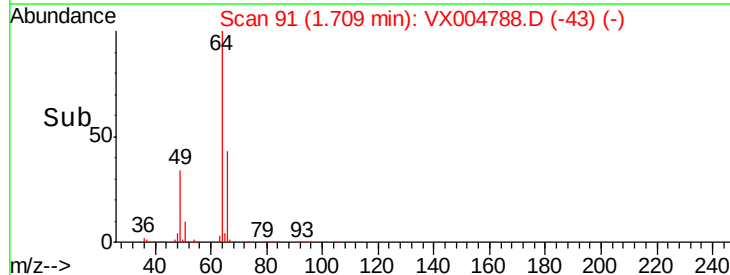
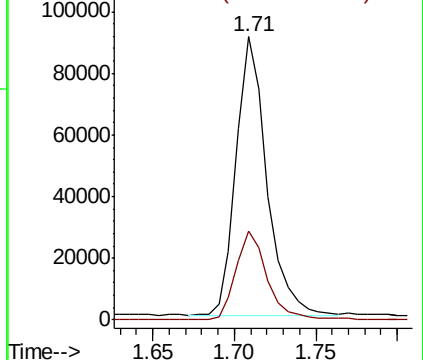
64 100

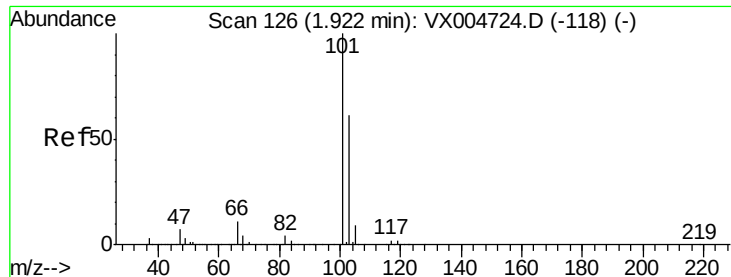
66 31.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

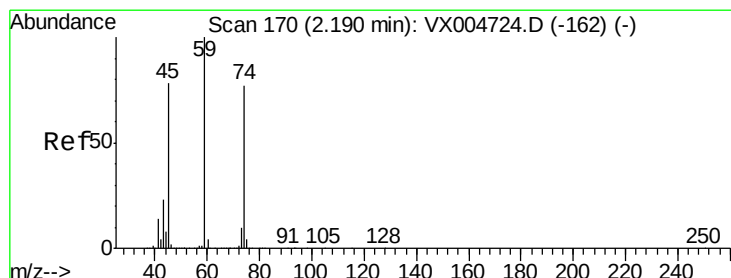
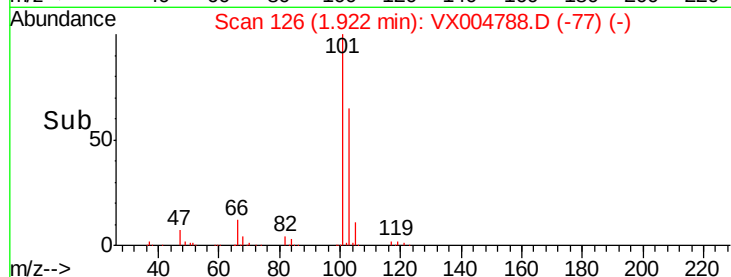
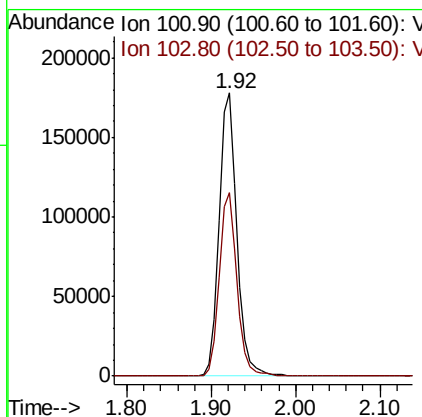
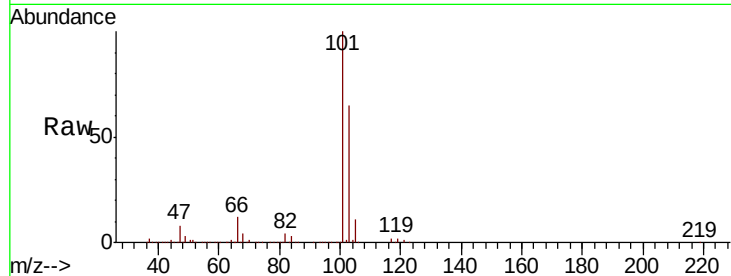
Trichlorofluoromethane
Concen: 58.525 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	259824		
103	64.9	48.9	73.3	

Manual Integrations
APPROVED

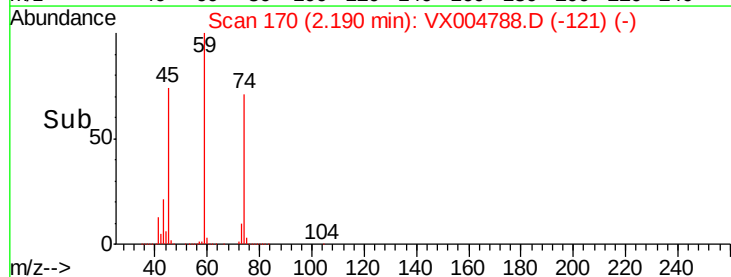
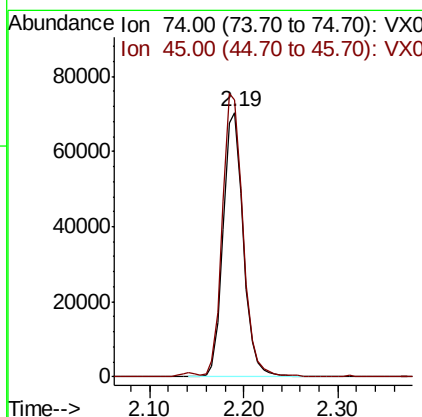
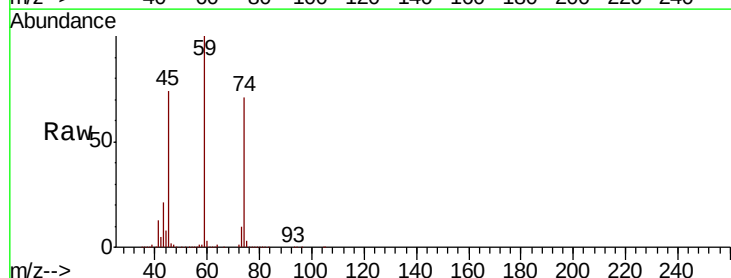
MMDadoda
9/28/2018 2:26:11 PM

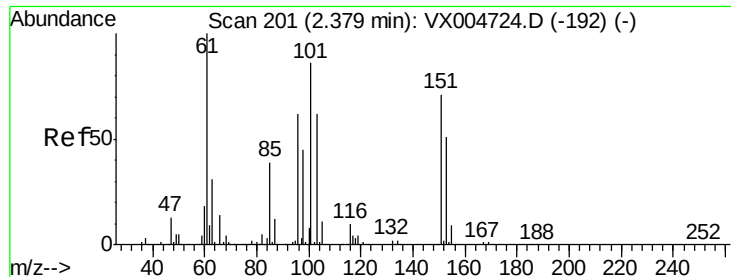


#8

Diethyl Ether
Concen: 54.370 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	104860		
45	108.0	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.752 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

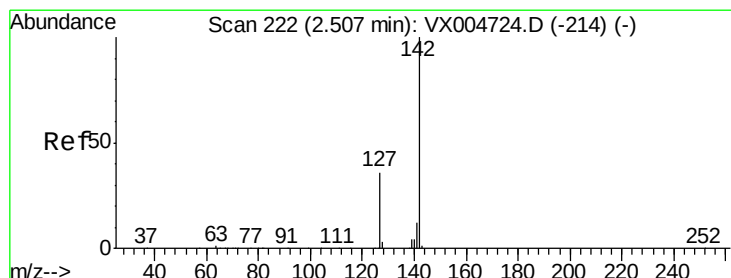
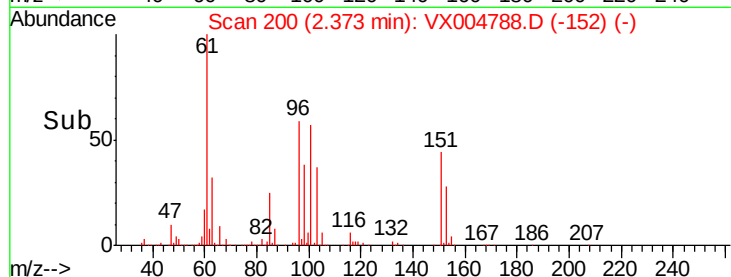
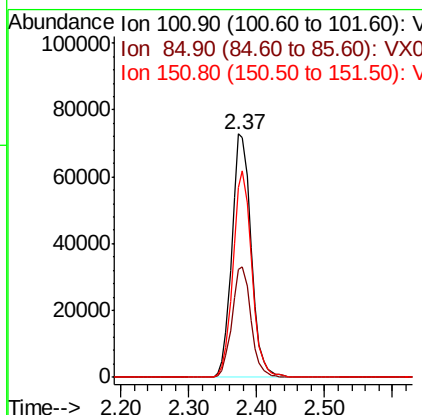
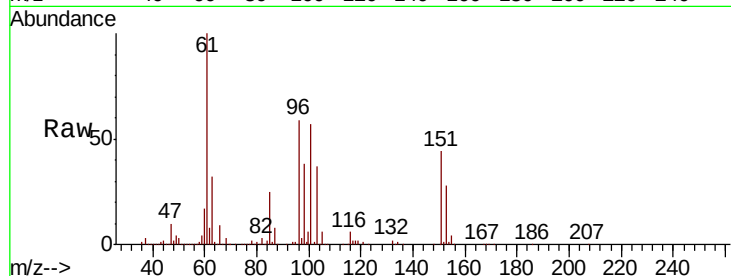
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	143518
Ion Ratio	Lower	Upper	
101	100		
85	44.6	34.2	51.4
151	82.5	65.0	97.6

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#10

Methyl Iodide

Concen: 27.047 ug/l

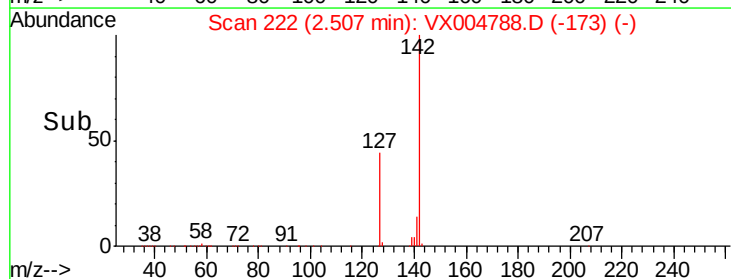
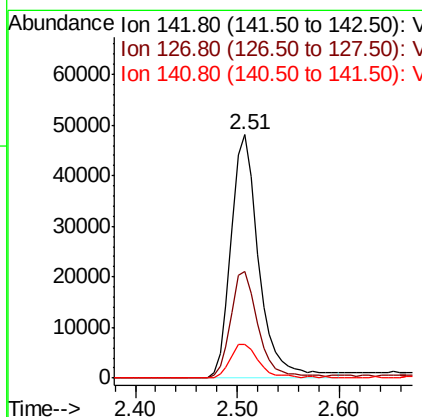
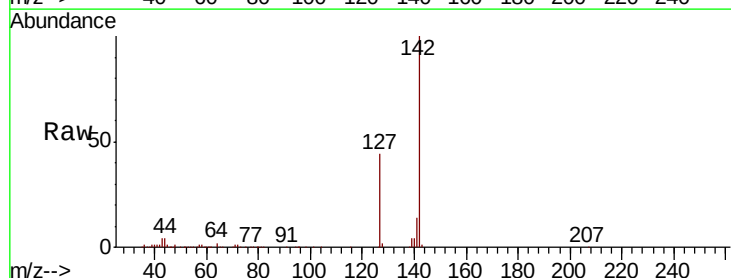
RT: 2.51 min Scan# 222

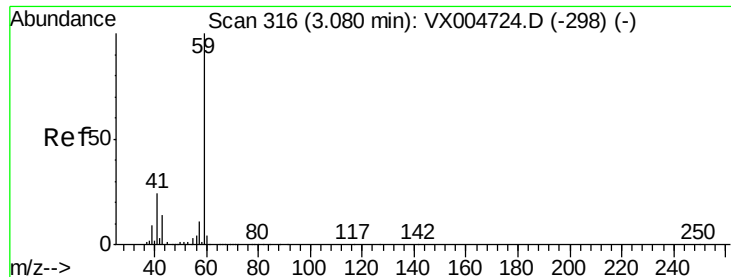
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	142	Resp:	91527
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.8	50.6
141	14.1	11.4	17.0





#11

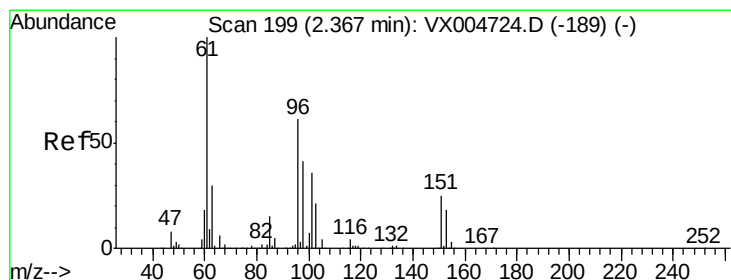
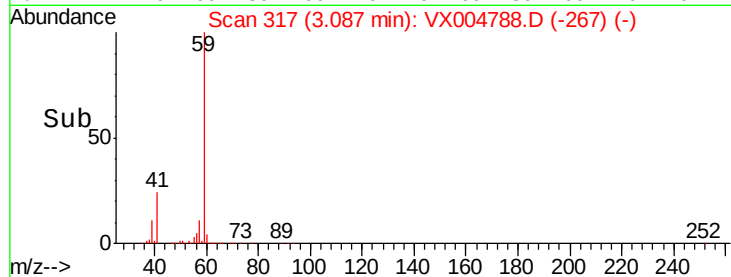
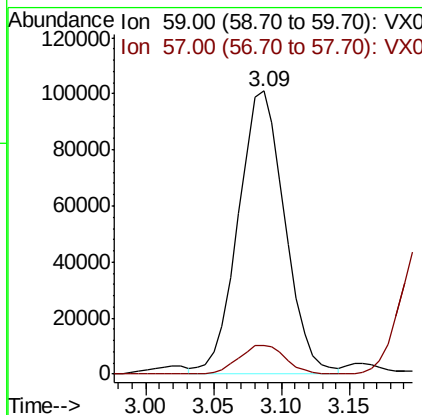
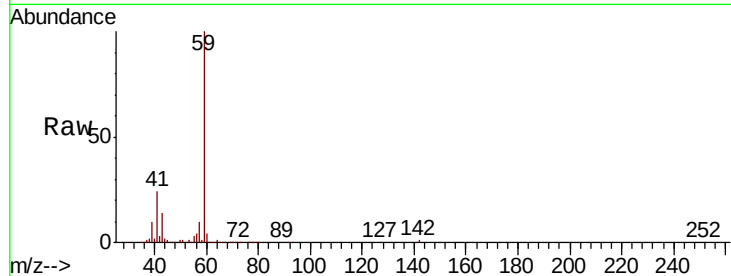
Tert butyl alcohol
 Concen: 262.739 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	242563		
57	10.2		8.2	12.4

Manual Integrations
 APPROVED

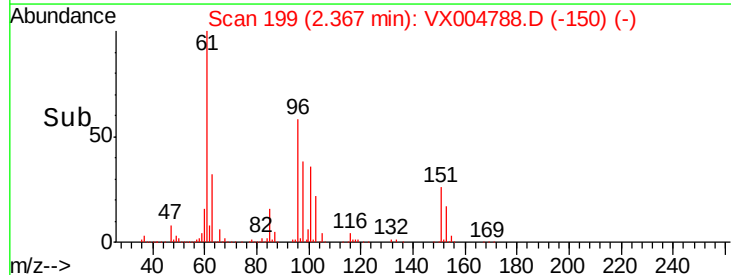
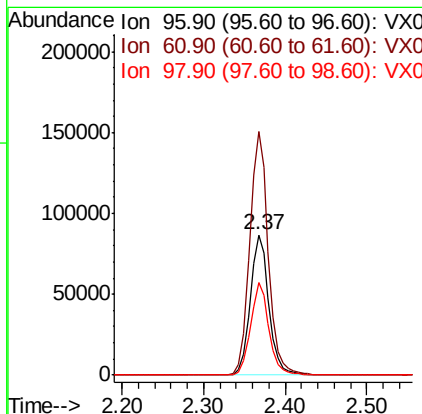
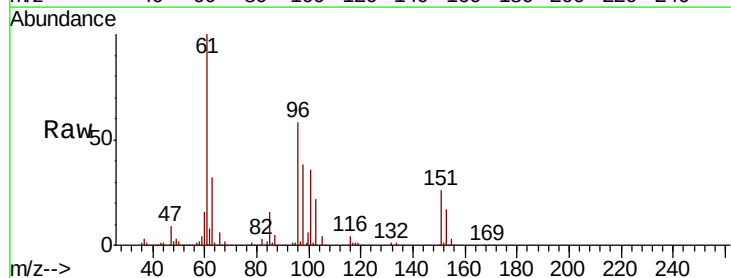
MMDadoda
 9/28/2018 2:26:11 PM

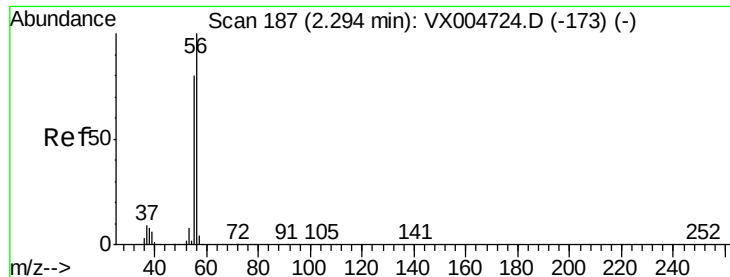


#12

1,1-Dichloroethene
 Concen: 55.431 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	138823		
61	173.2		128.8	193.2
98	65.5		52.2	78.2





#13

Acrolein

Concen: 126.383 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 83016

Ion Ratio Lower Upper

56 100

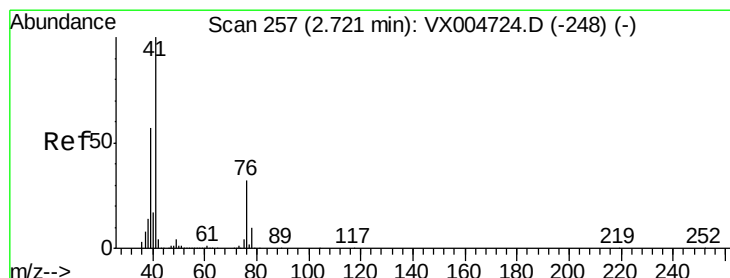
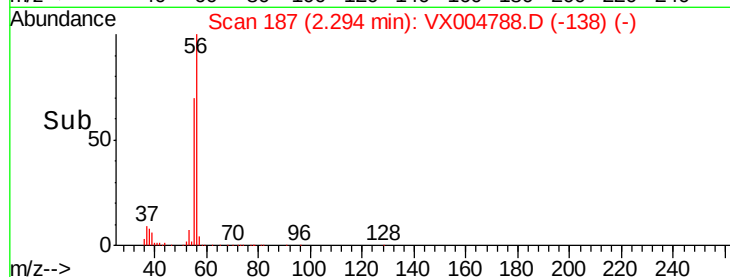
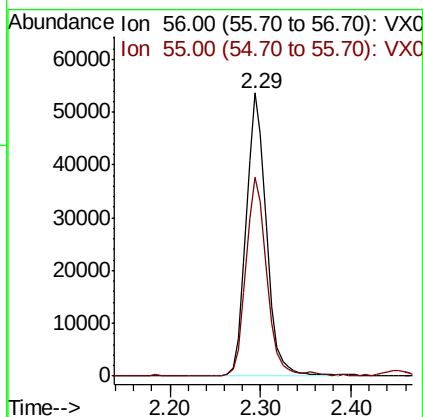
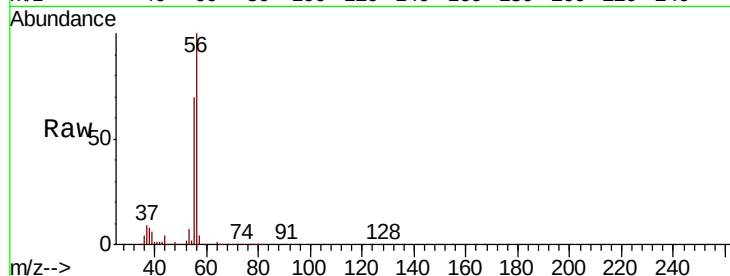
55 72.0 54.7 82.1

Manual Integrations

APPROVED

MMDadoda

9/28/2018 2:26:11 PM



#14

Allyl chloride

Concen: 56.840 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

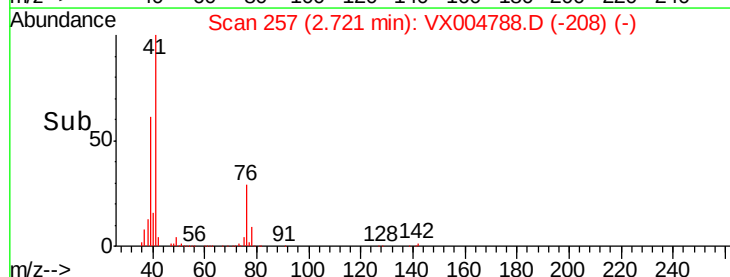
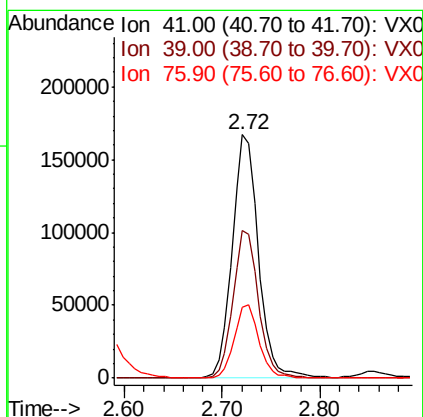
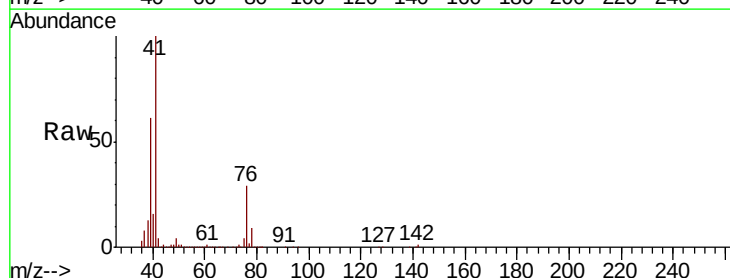
Tgt Ion: 41 Resp: 310598

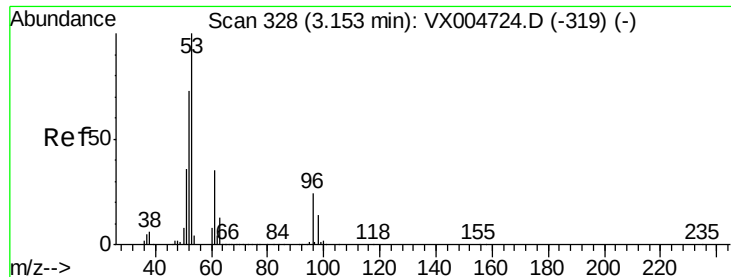
Ion Ratio Lower Upper

41 100

39 59.1 48.9 73.3

76 28.6 26.7 40.1





#15

Acrylonitrile

Concen: 275.973 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

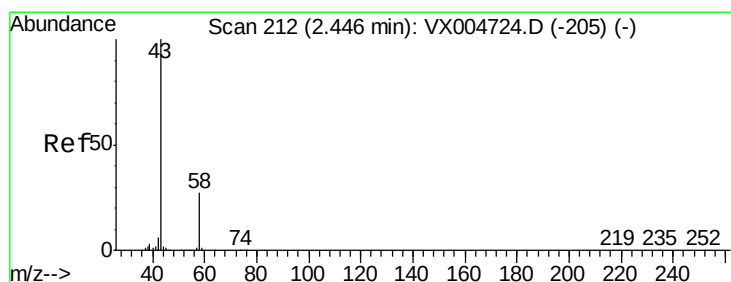
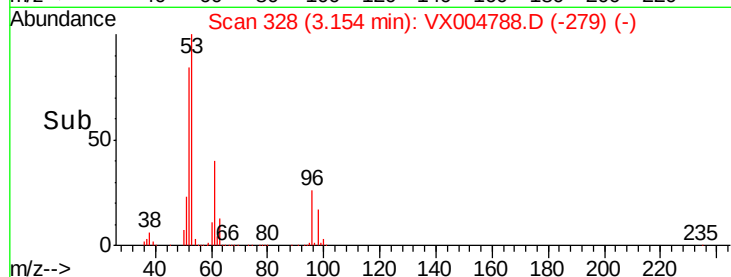
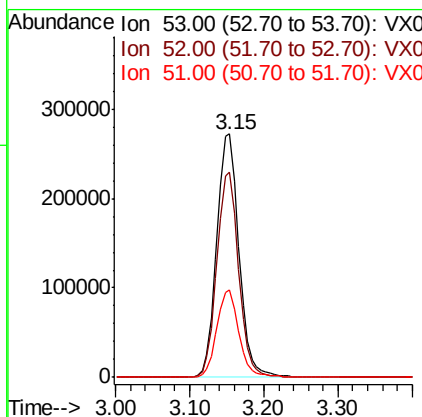
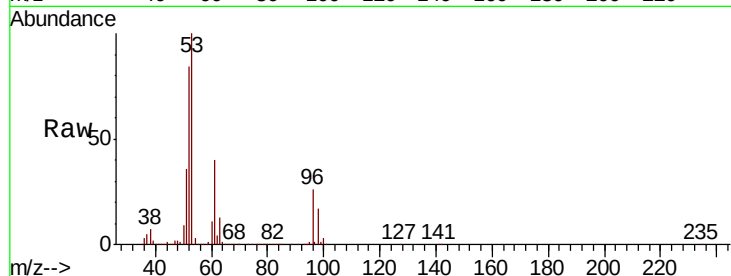
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	560870
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.2	97.8
51	35.9	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#16

Acetone

Concen: 266.451 ug/l

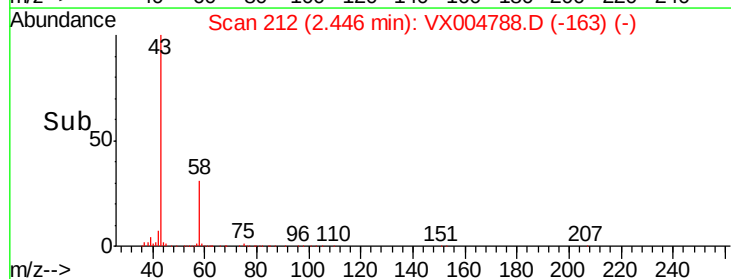
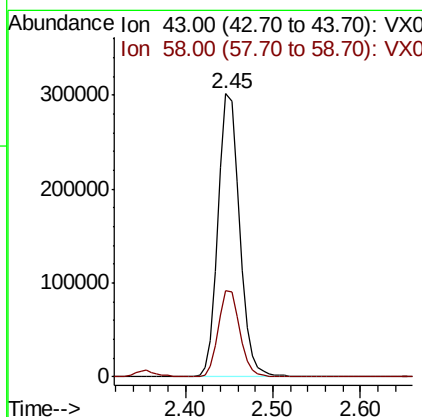
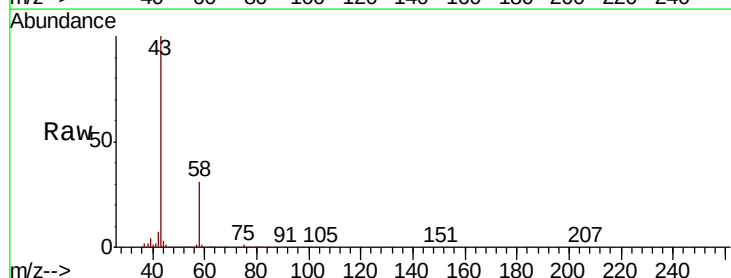
RT: 2.45 min Scan# 212

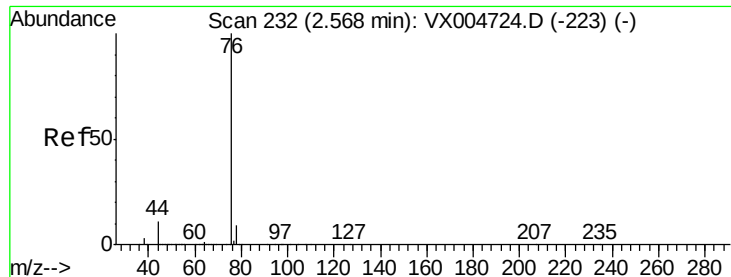
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	43	Resp:	513623
Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.2	39.4





#17

Carbon Disulfide

Concen: 55.470 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 417440

Ion Ratio Lower Upper

76 100

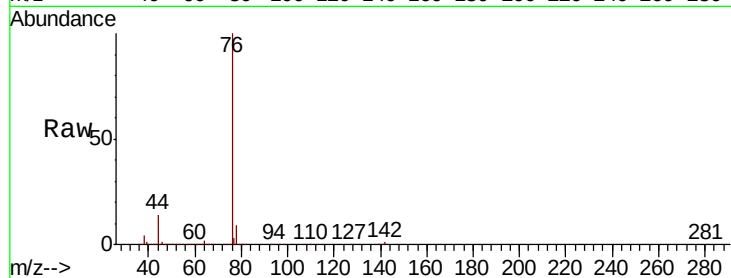
78 8.8 7.0 10.6

Manual Integrations

APPROVED

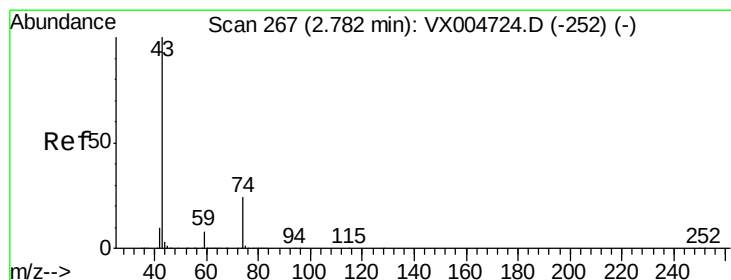
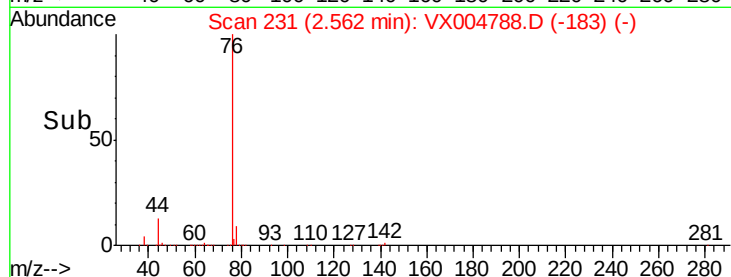
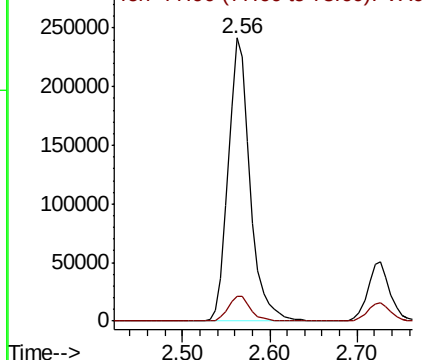
MMDadoda

9/28/2018 2:26:11 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.894 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004788.D

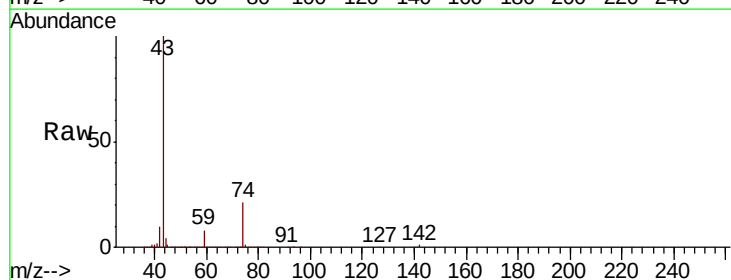
Acq: 27 Sep 2018 21:57

Tgt Ion: 43 Resp: 282750

Ion Ratio Lower Upper

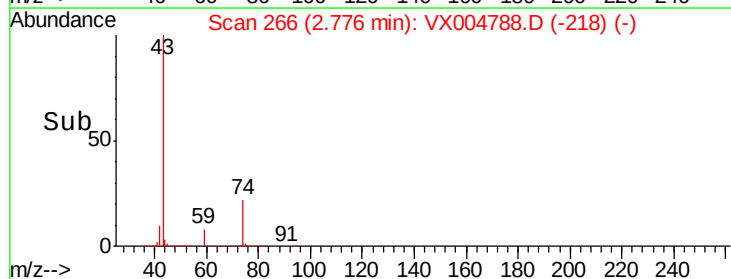
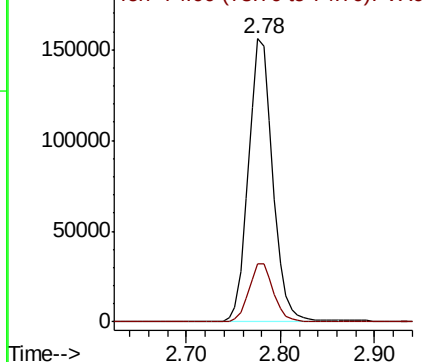
43 100

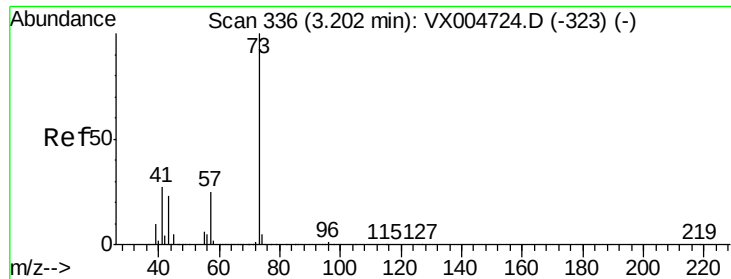
74 20.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





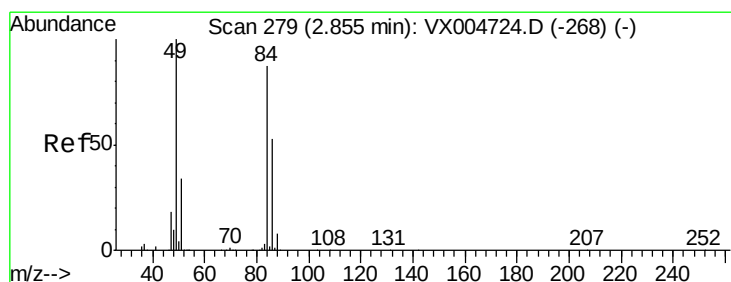
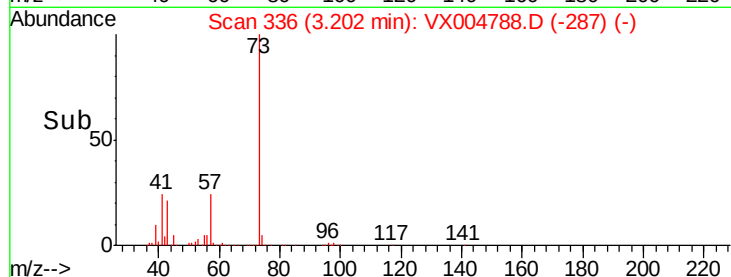
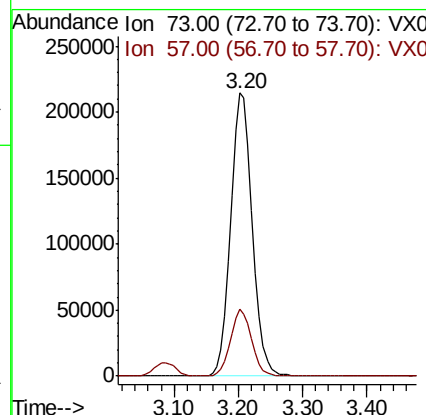
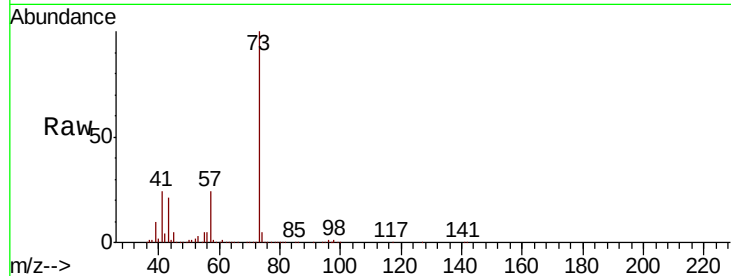
#19
Methyl tert-butyl Ether
Concen: 58.586 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.1	25.7

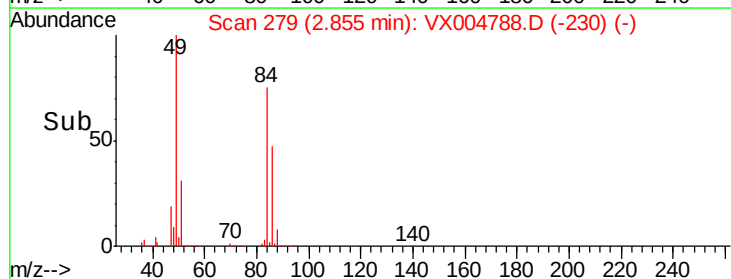
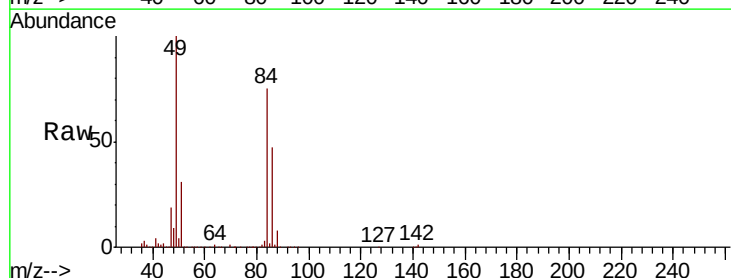
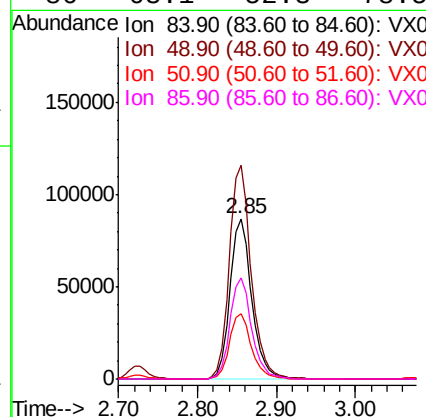
Manual Integrations
APPROVED

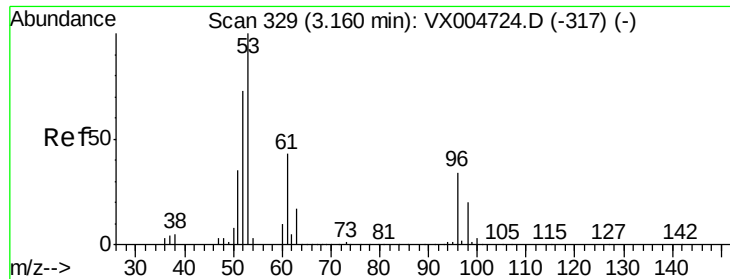
MMDadoda
9/28/2018 2:26:11 PM



#20
Methylene Chloride
Concen: 59.430 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.1	101.2	151.8
51	40.7	29.5	44.3
86	63.1	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 54.731 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

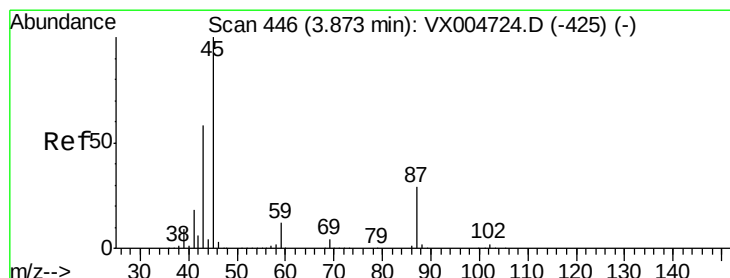
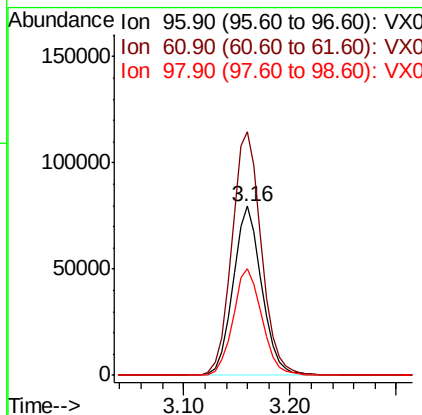
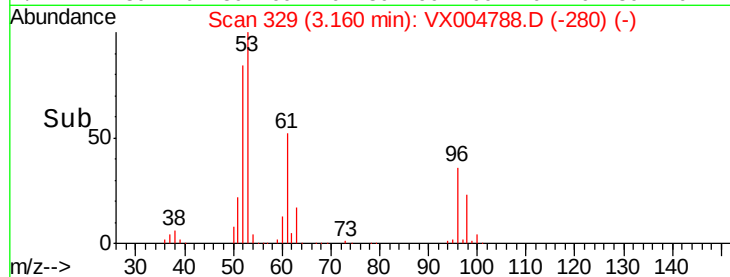
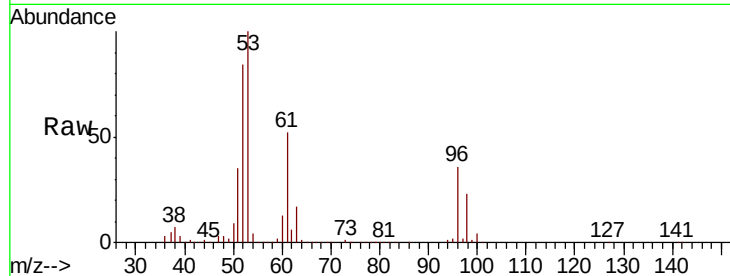
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	150049
Ion	Ratio	Lower	Upper
96	100		
61	143.7	113.8	170.6
98	63.0	51.8	77.8

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#22

Diisopropyl ether

Concen: 58.012 ug/l

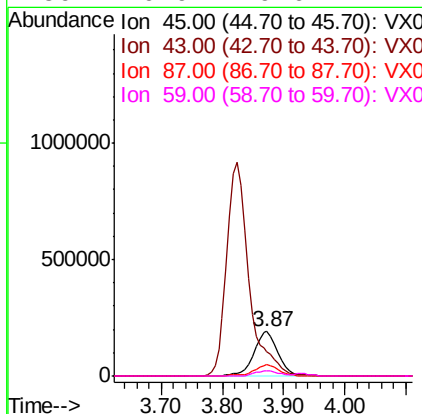
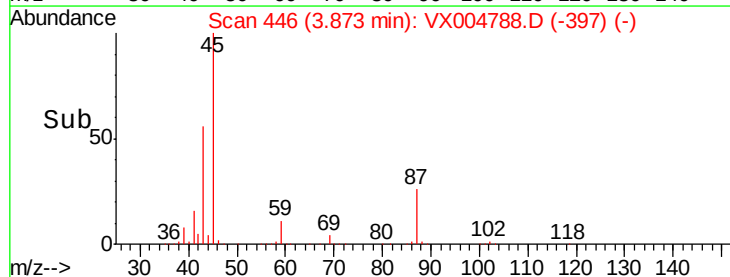
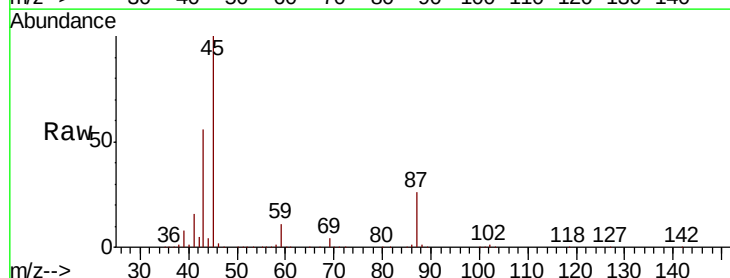
RT: 3.87 min Scan# 446

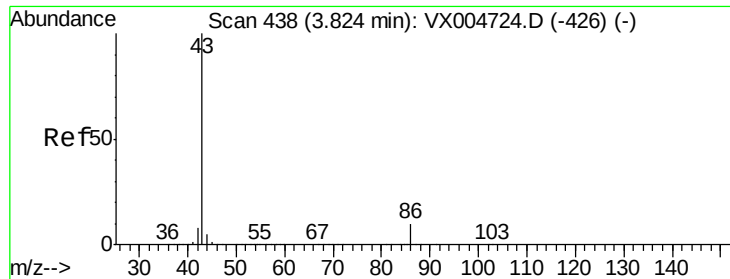
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	45	Resp:	533806
Ion	Ratio	Lower	Upper
45	100		
43	55.9	42.8	64.2
87	25.9	22.6	34.0
59	10.9	9.6	14.4





#23

Vinyl Acetate

Concen: 276.559 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2329411

Ion Ratio Lower Upper

43 100

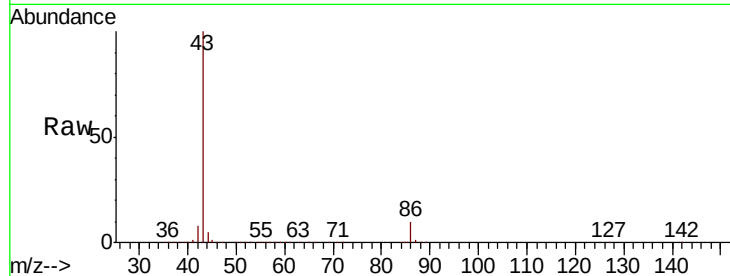
86 9.6 8.9 13.3

Manual Integrations

APPROVED

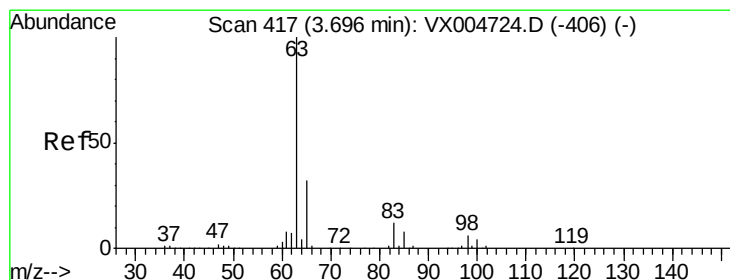
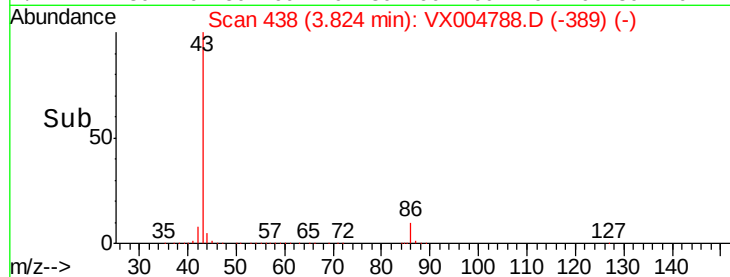
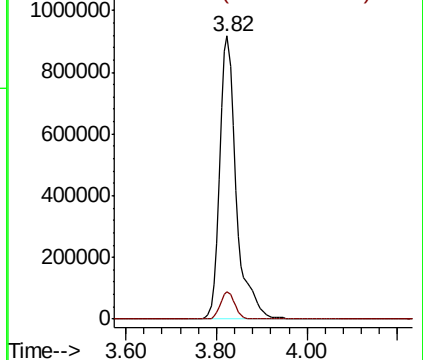
MMDadoda

9/28/2018 2:26:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.945 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

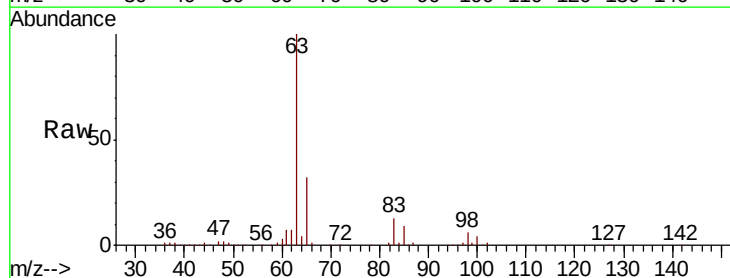
Tgt Ion: 63 Resp: 285120

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

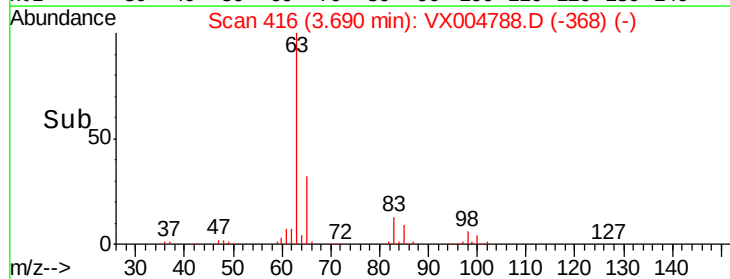
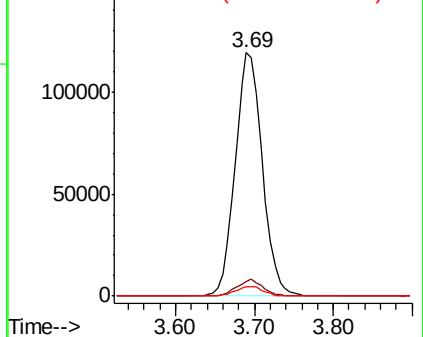
100 4.1 2.4 7.1

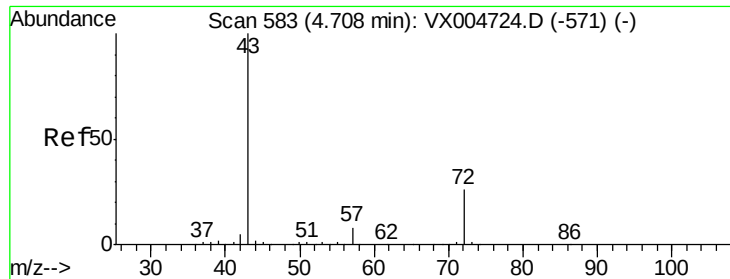


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.095 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 761765

Ion Ratio Lower Upper

43 100

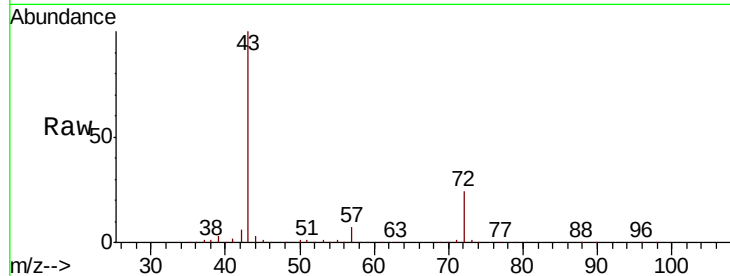
72 23.9 22.0 33.0

Manual Integrations

APPROVED

MMDadoda

9/28/2018 2:26:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

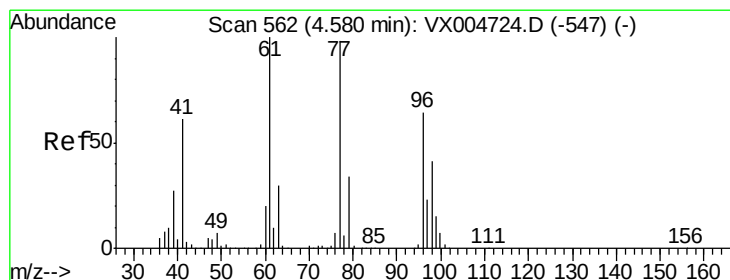
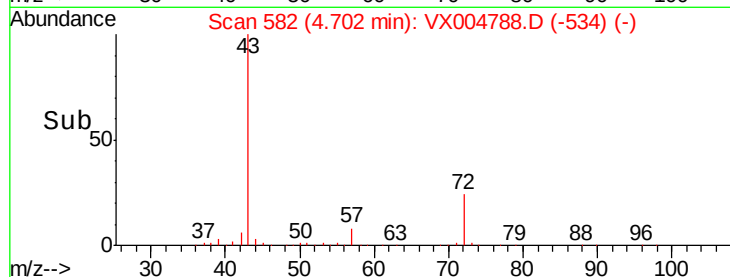
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.415 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004788.D

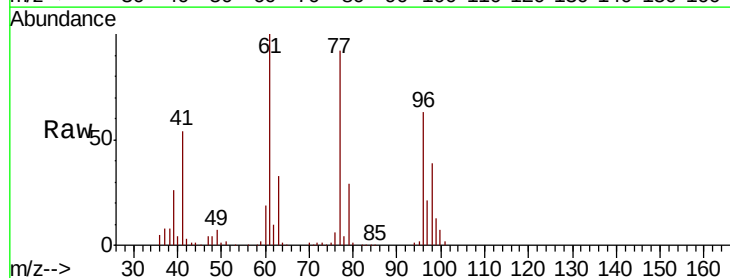
Acq: 27 Sep 2018 21:57

Tgt Ion: 77 Resp: 188876

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

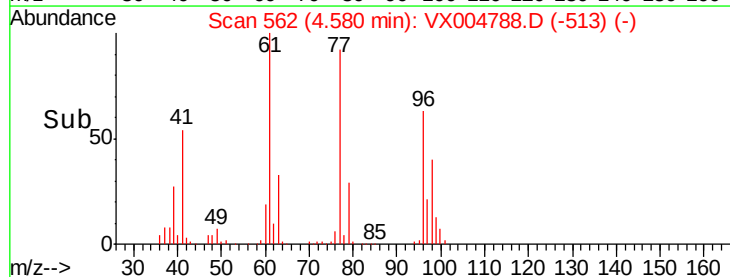
40000

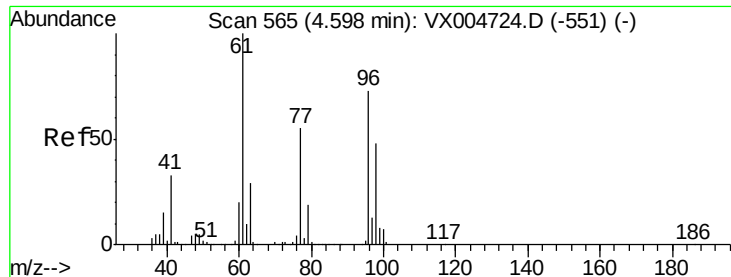
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

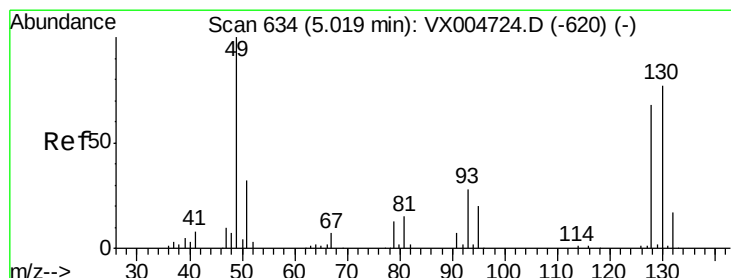
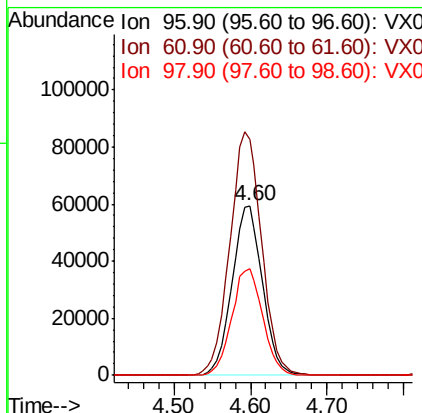
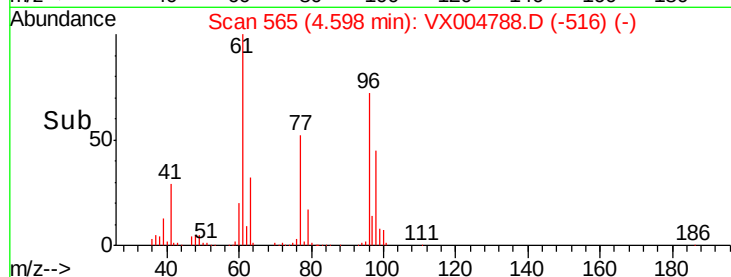
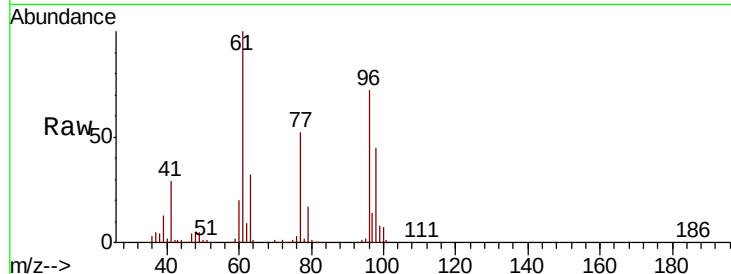
cis-1,2-Dichloroethene
Concen: 53.349 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163392		
61	150.5	0.0	282.6	
98	64.2	0.0	130.2	

Manual Integrations
APPROVED

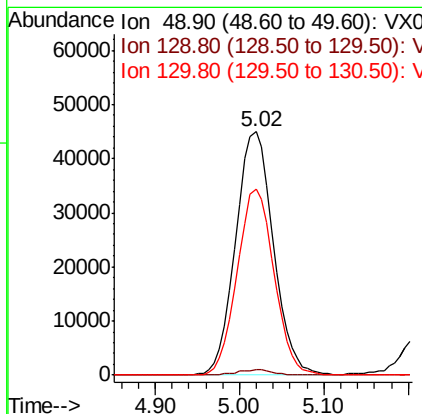
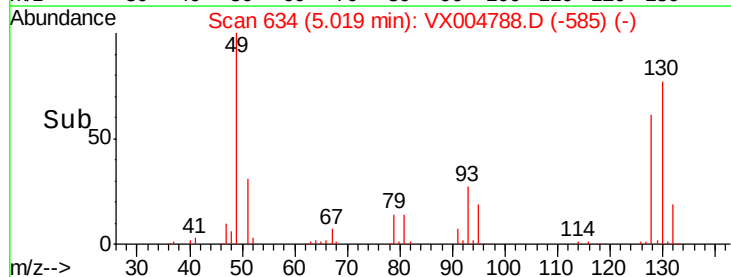
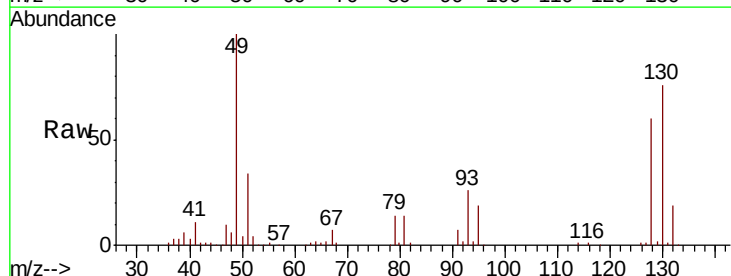
MMDadoda
9/28/2018 2:26:11 PM

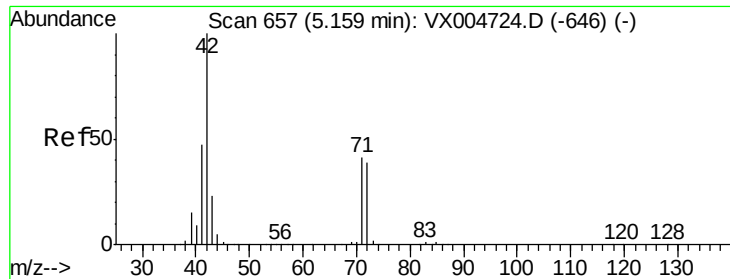


#28

Bromochloromethane
Concen: 52.936 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136828		
129	2.1	0.0	4.2	
130	74.6	67.5	101.3	





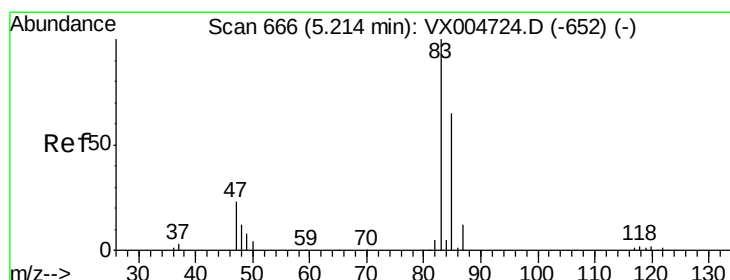
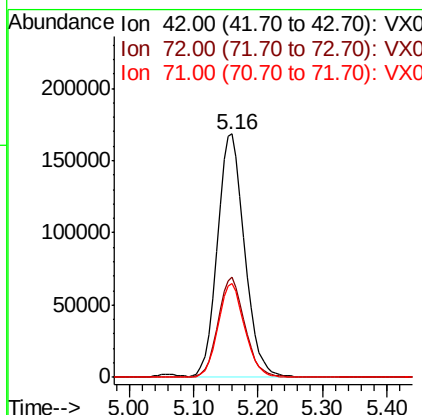
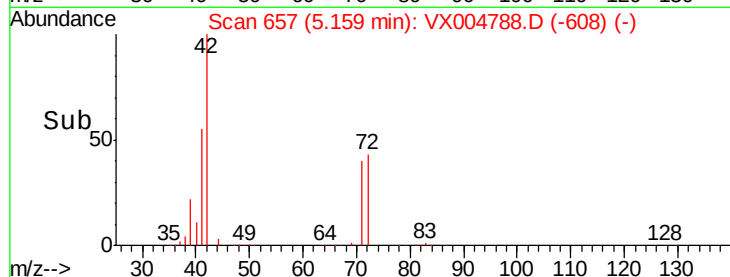
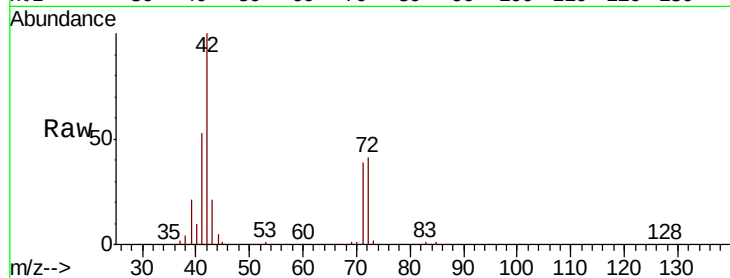
#29
Tetrahydrofuran
Concen: 282.656 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	499181
Ion Ratio		Lower	Upper
42	100		
72	40.7	37.4	56.0
71	38.1	34.5	51.7

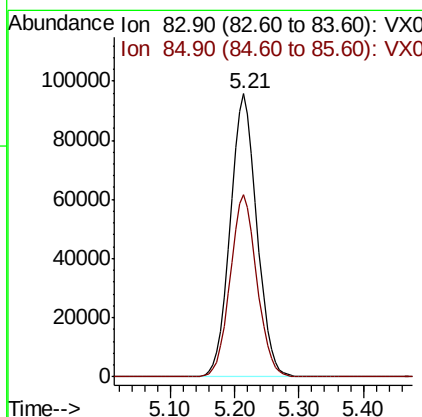
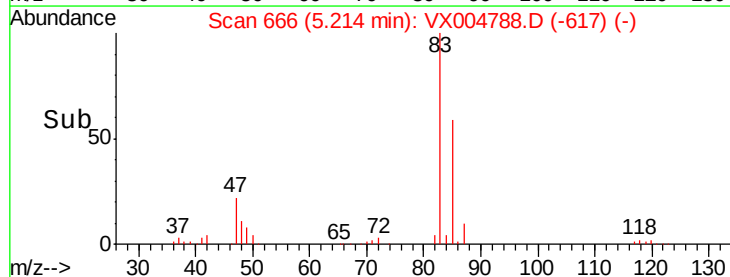
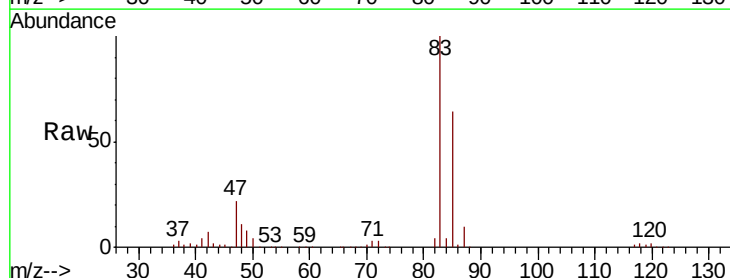
Manual Integrations
APPROVED

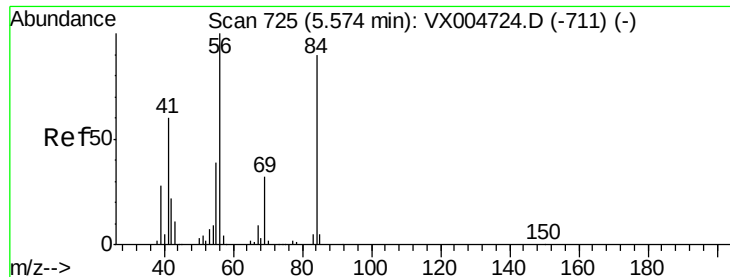
MMDadoda
9/28/2018 2:26:11 PM



#30
Chloroform
Concen: 53.181 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion:	83	Resp:	275882
Ion Ratio		Lower	Upper
83	100		
85	64.3	52.6	79.0





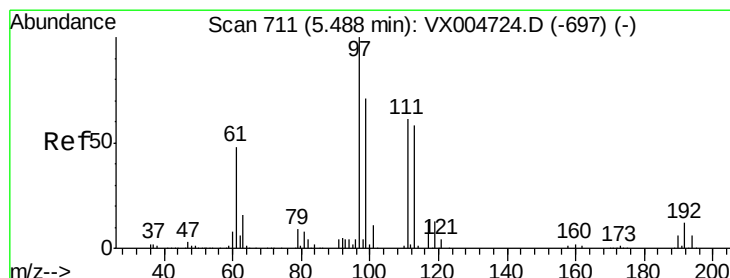
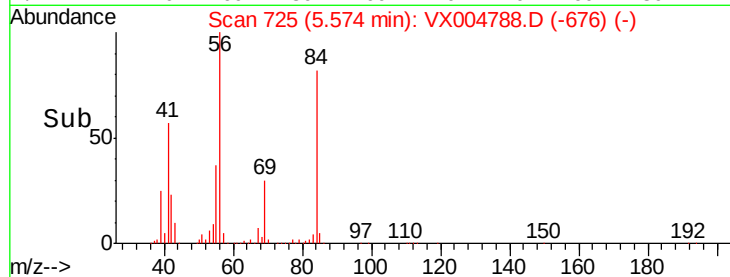
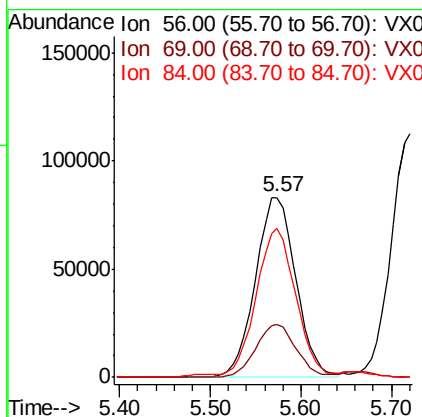
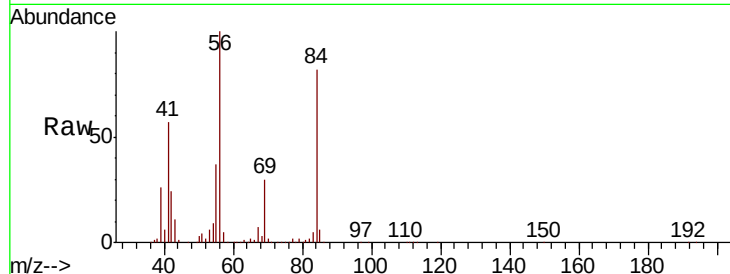
#31
Cyclohexane
Concen: 60.967 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.4	38.2
84	81.3	71.4	107.2

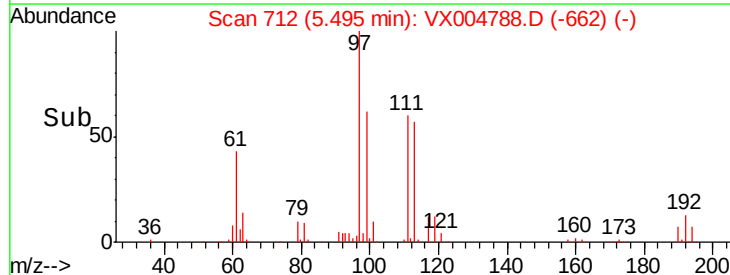
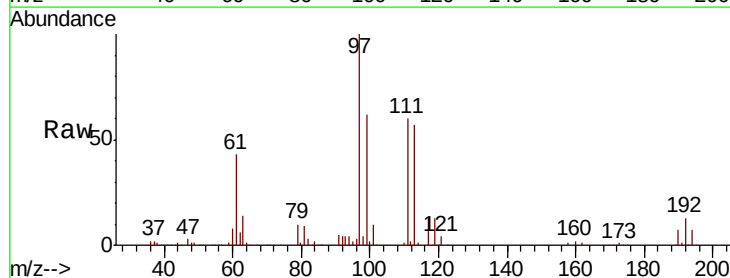
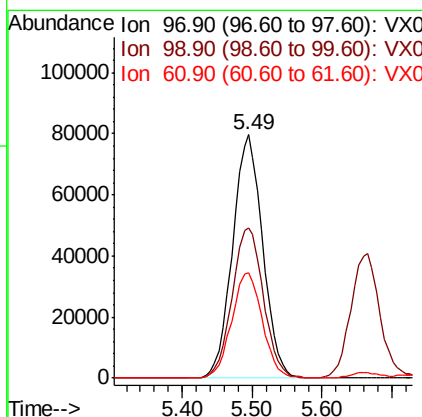
Manual Integrations
APPROVED

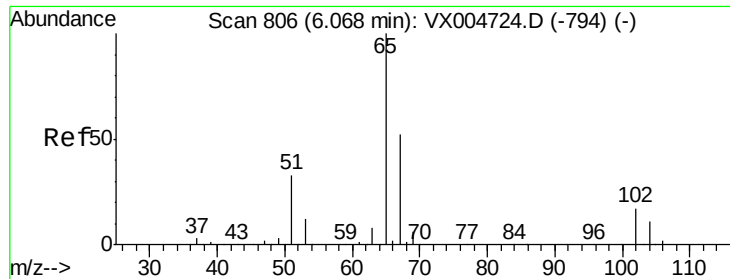
MMDadoda
9/28/2018 2:26:11 PM



#32
1,1,1-Trichloroethane
Concen: 56.189 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	44.3	34.9	52.3





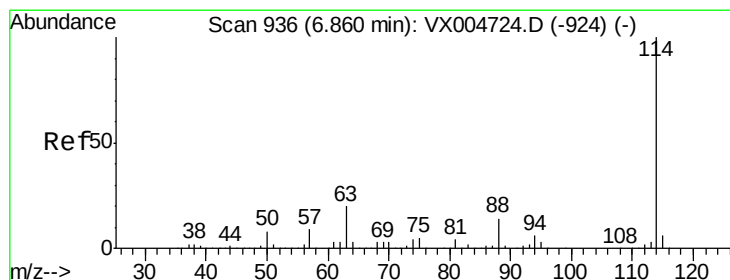
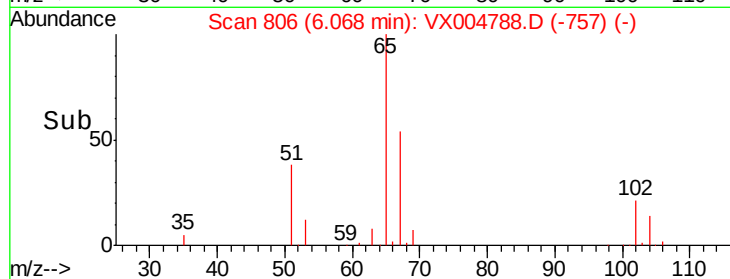
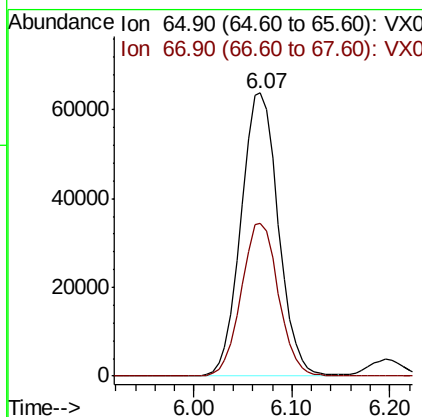
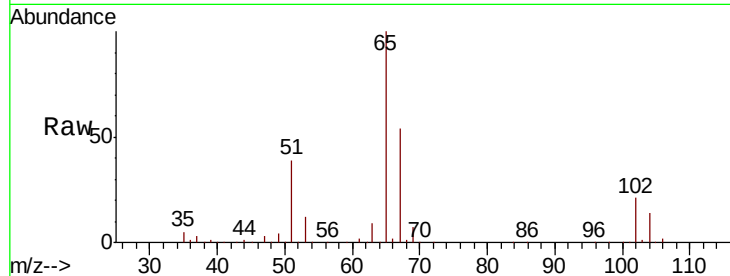
#33
 1,2-Dichloroethane-d4
 Concen: 51.310 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.8

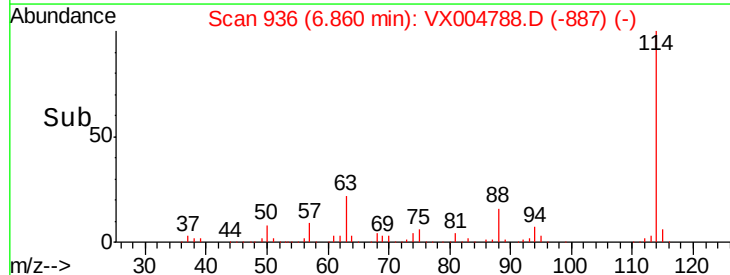
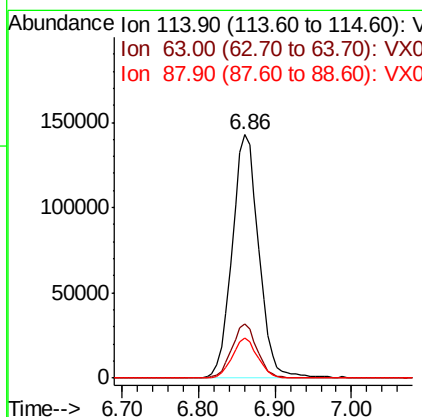
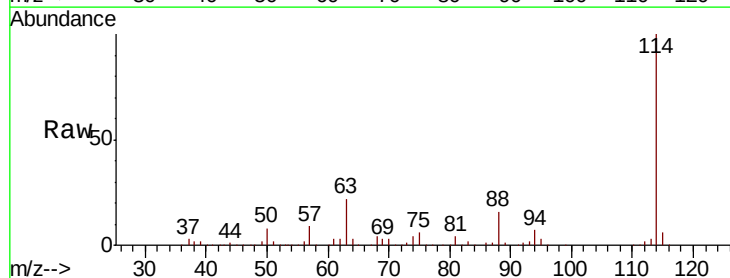
Manual Integrations
 APPROVED

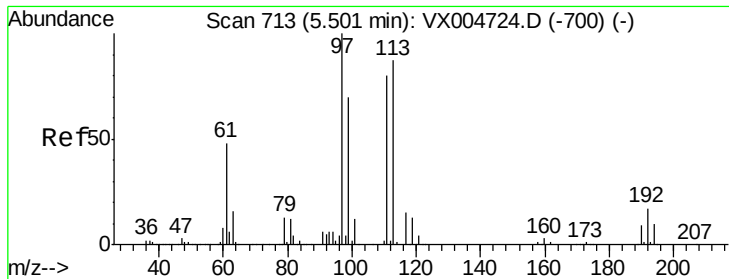
MMDadoda
 9/28/2018 2:26:11 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	39.0
88	16.5	0.0	30.4





#35

Dibromofluoromethane

Concen: 47.182 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

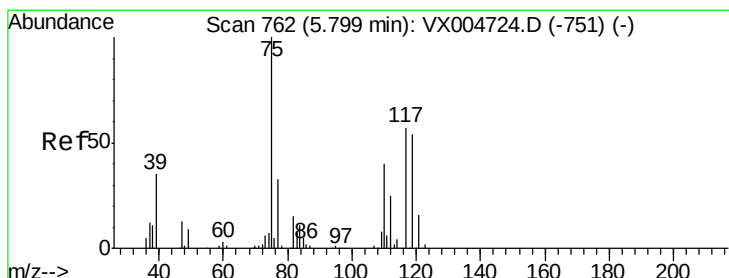
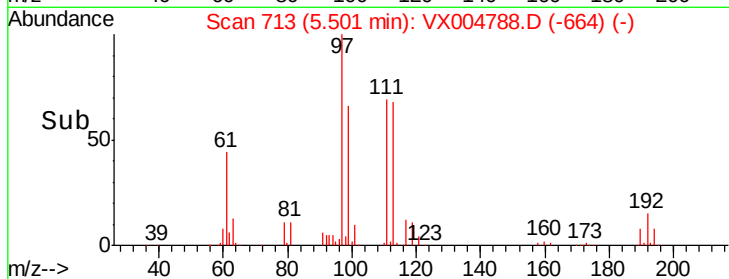
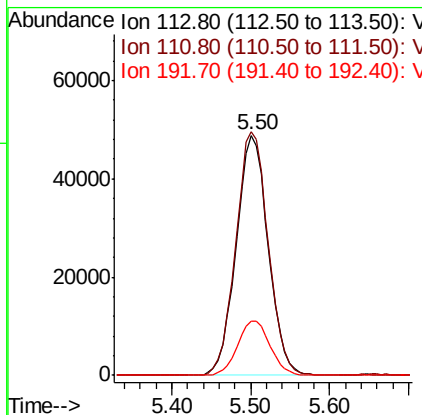
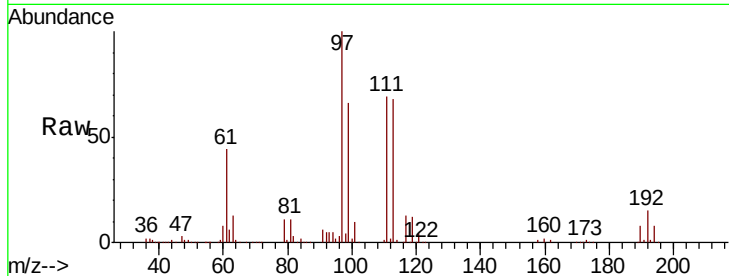
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	137606
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.4	123.6
192	23.1	19.4	29.2

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#36

1,1-Dichloropropene

Concen: 52.110 ug/l

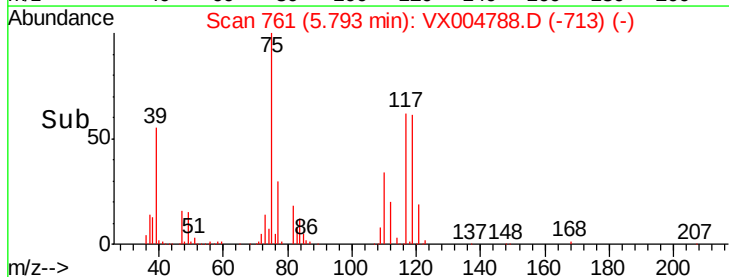
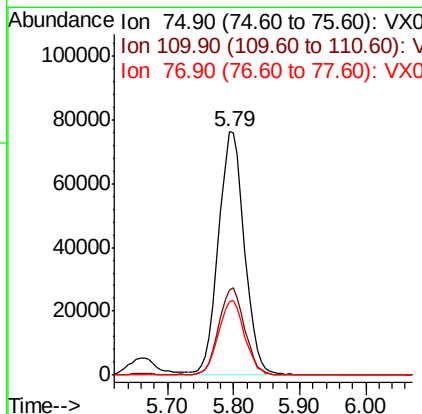
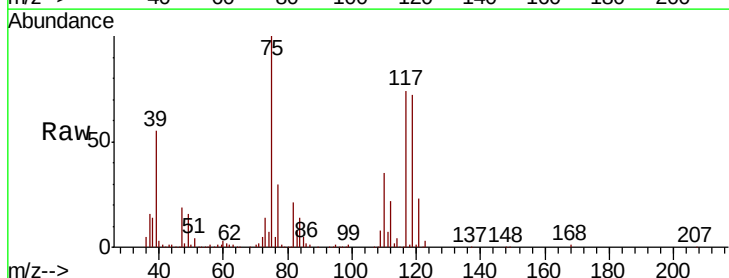
RT: 5.79 min Scan# 761

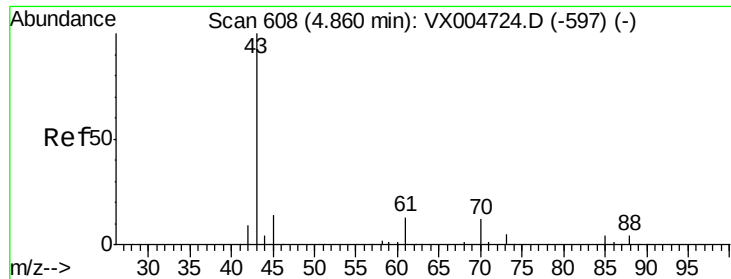
Delta R.T. -0.01 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	75	Resp:	207354
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.0	54.0
77	30.8	24.6	36.8





#37

Ethyl Acetate

Concen: 51.471 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

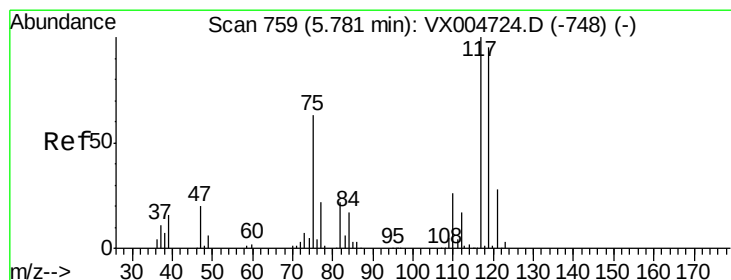
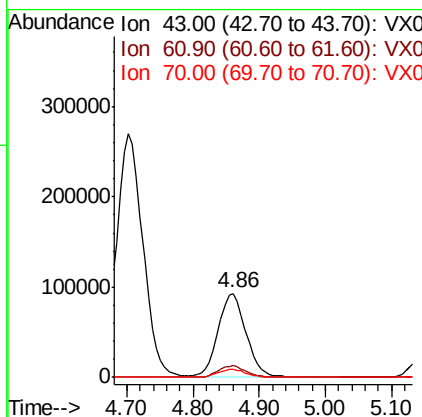
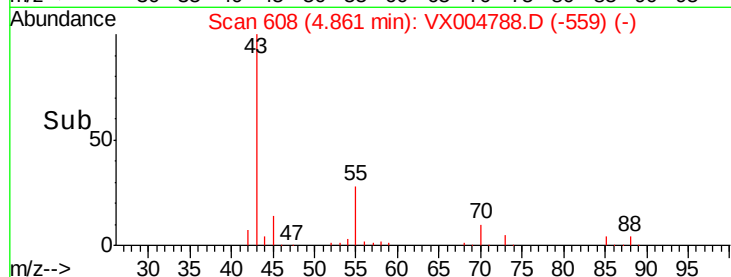
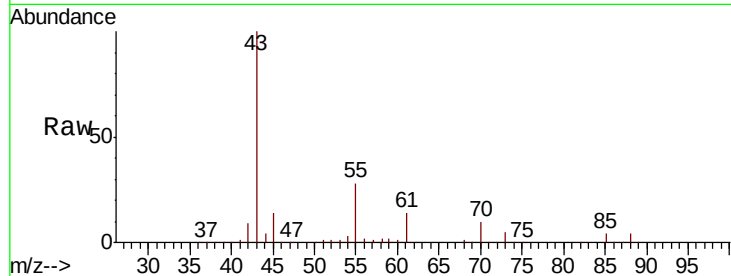
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	271871
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.5	17.3
70	10.0	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#38

Carbon Tetrachloride

Concen: 49.640 ug/l

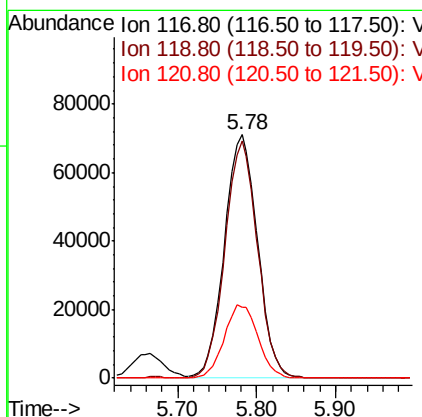
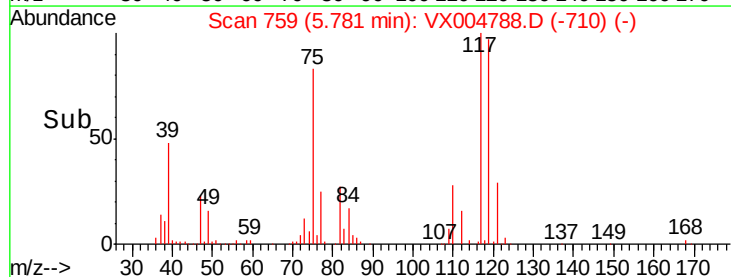
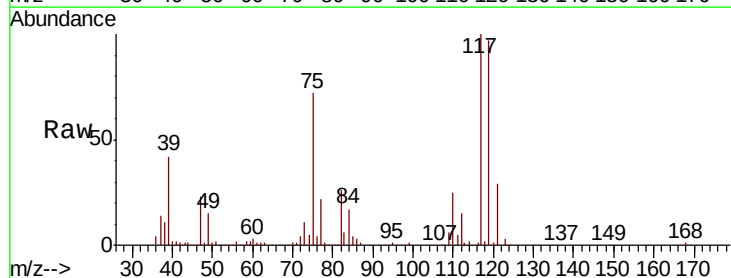
RT: 5.78 min Scan# 759

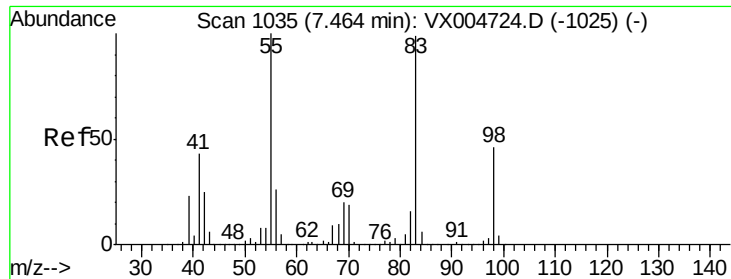
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	117	Resp:	207637
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.8	118.2
121	29.2	24.9	37.3





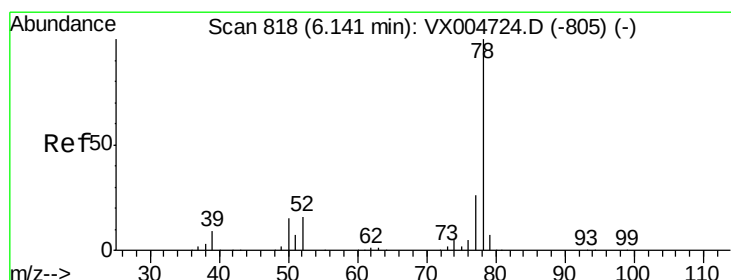
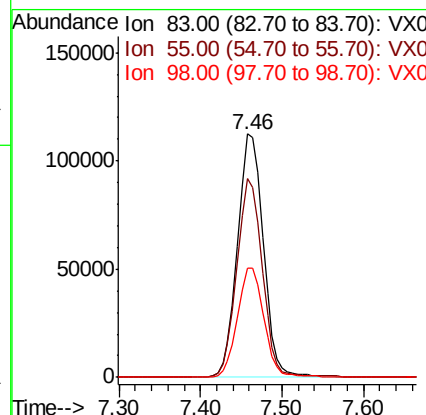
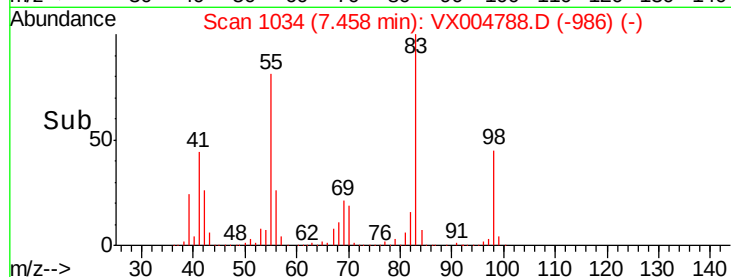
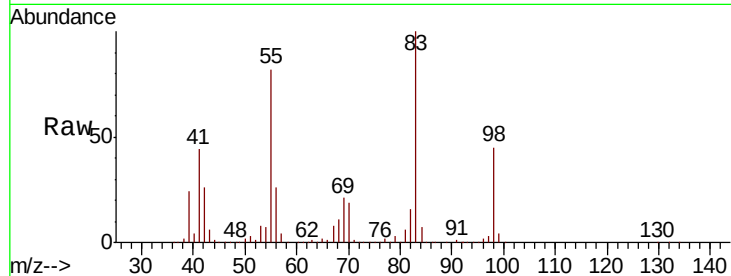
#39
Methylvlcyclohexane
Concen: 60.749 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.5	61.0	91.4	
98	45.1	39.6	59.4	

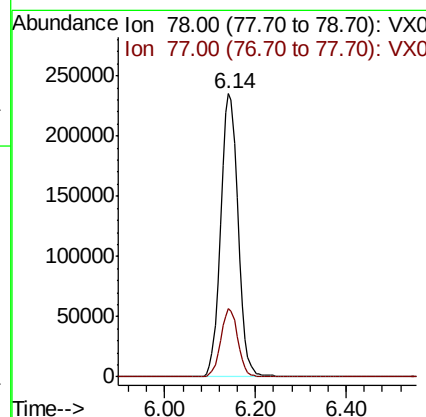
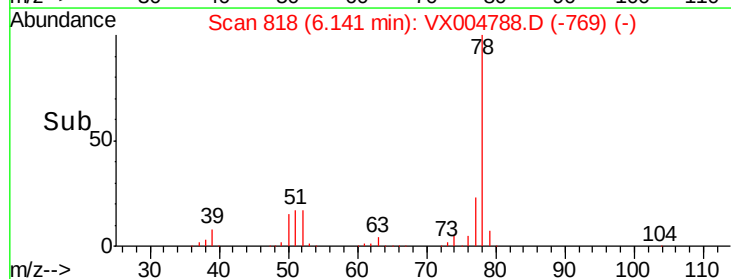
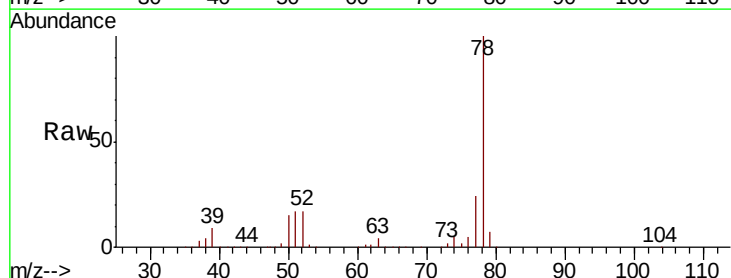
Manual Integrations
APPROVED

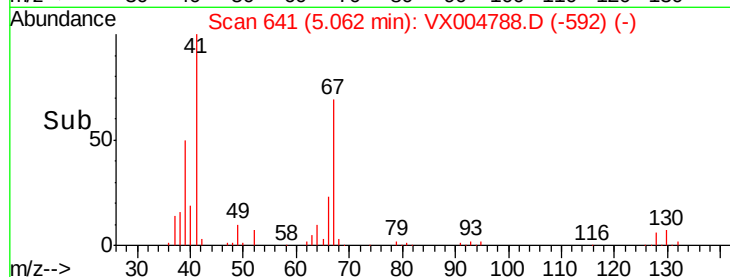
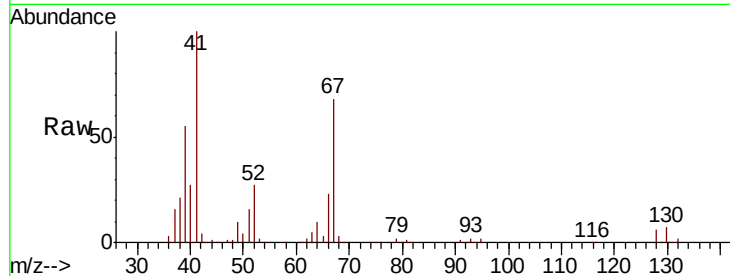
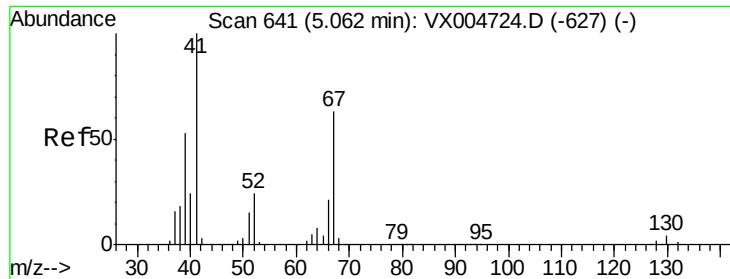
MMDadoda
9/28/2018 2:26:11 PM



#40
Benzene
Concen: 50.568 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.0	28.4	





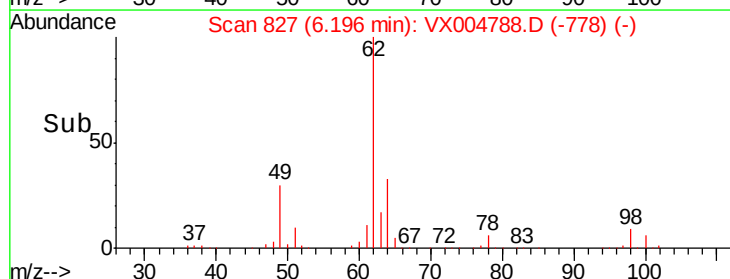
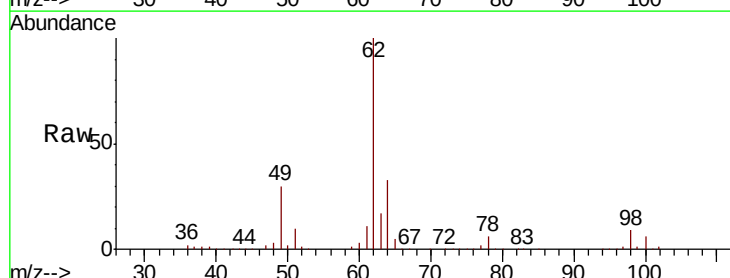
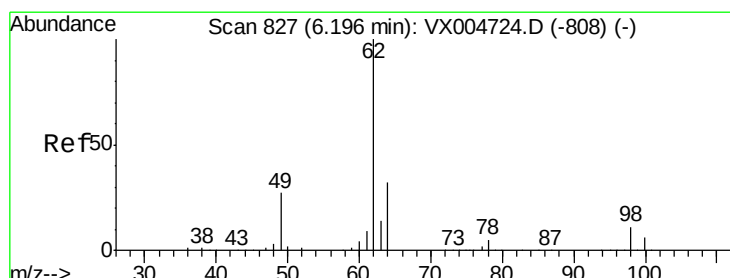
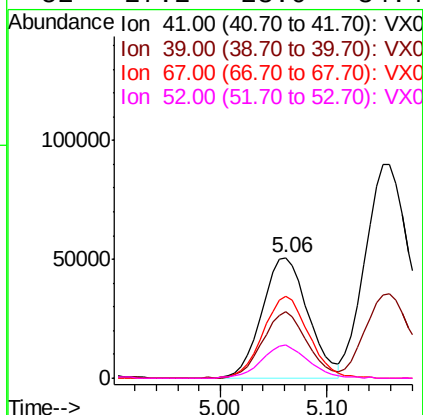
#41
Methacrylonitrile
Concen: 52.078 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		152551		
39	53.2	42.4	63.6		
67	67.5	59.2	88.8		
52	27.2	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

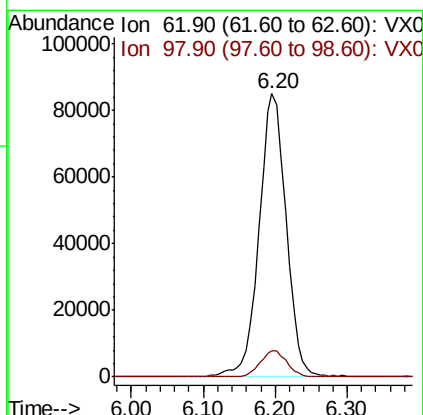
Manual Integrations
APPROVED

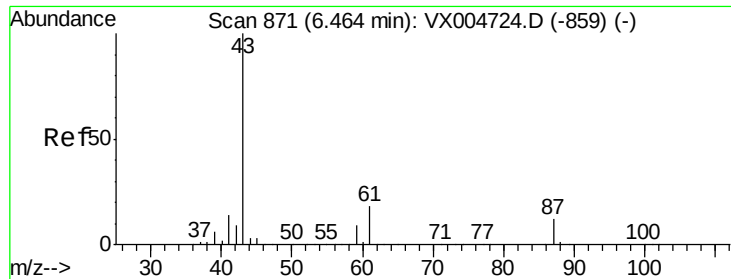
MMDadoda
9/28/2018 2:26:11 PM



#42
1,2-Dichloroethane
Concen: 50.368 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		221817		
98	9.1	0.0	20.6		





#43

Isopropyl Acetate

Concen: 53.314 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

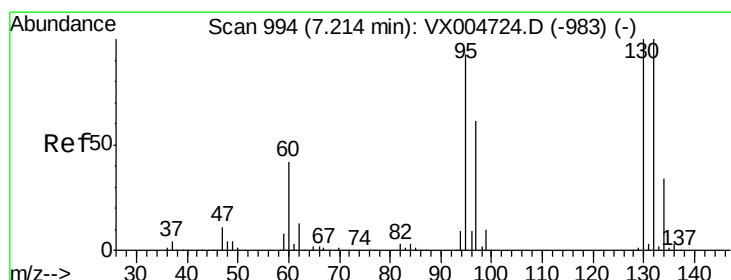
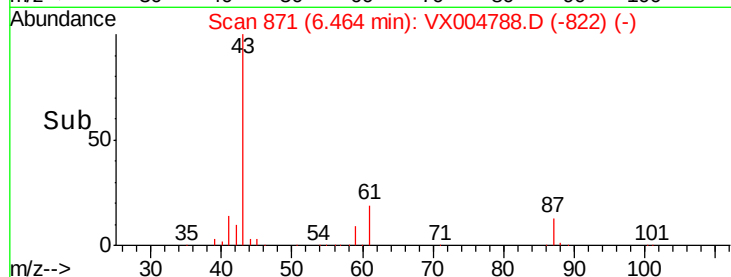
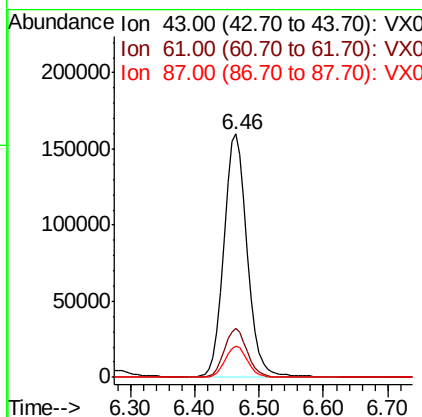
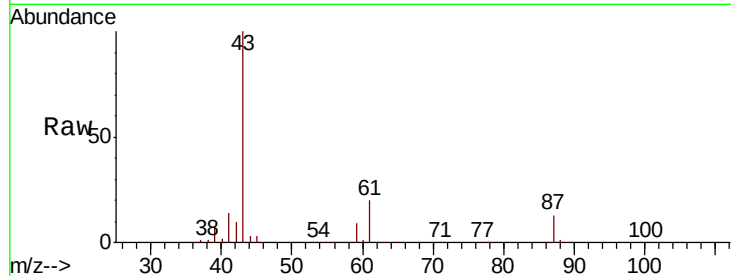
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	406454
Ion	Ratio	Lower	Upper
43	100		
61	20.1	17.0	25.4
87	12.5	11.4	17.2

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#44

Trichloroethene

Concen: 53.956 ug/l

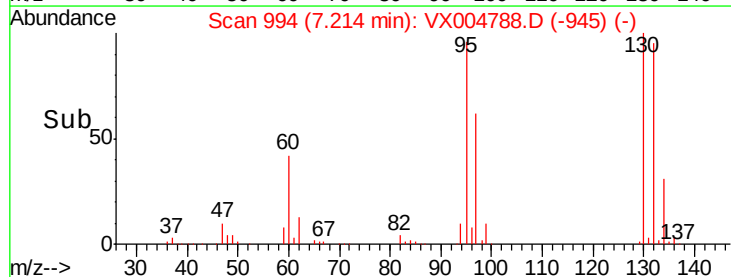
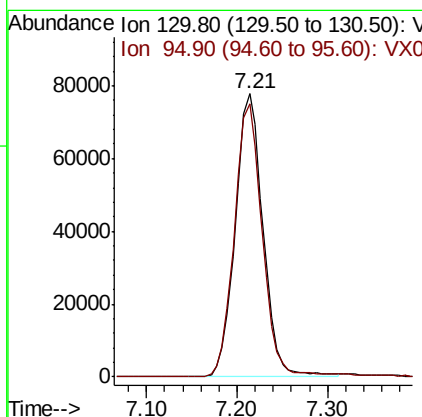
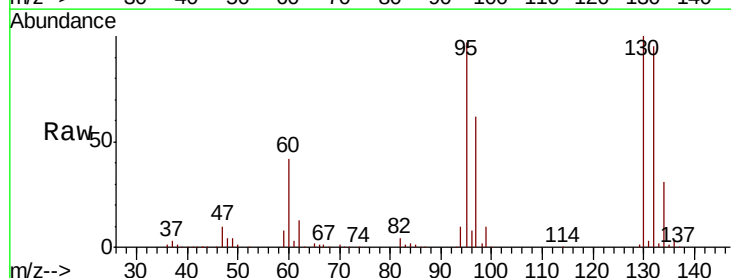
RT: 7.21 min Scan# 994

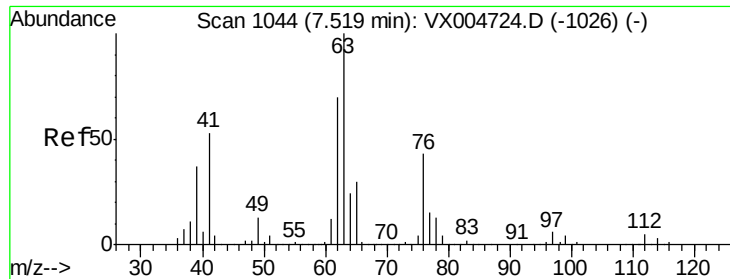
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	130	Resp:	165240
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	181.6





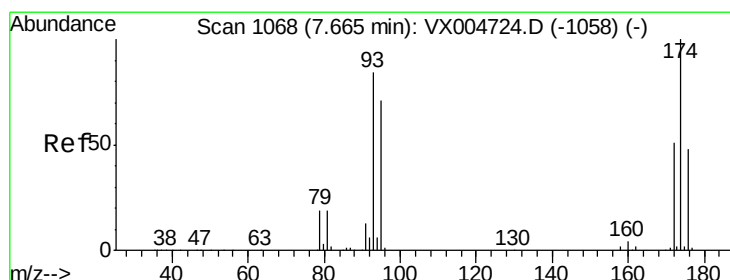
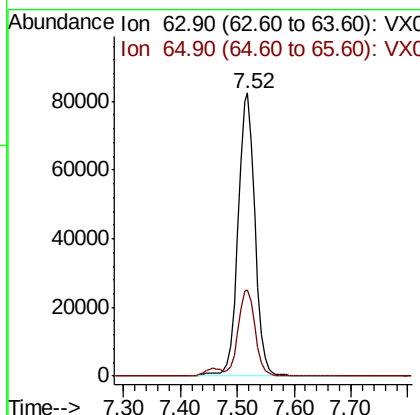
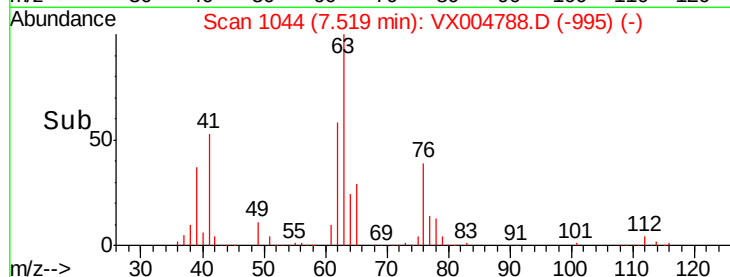
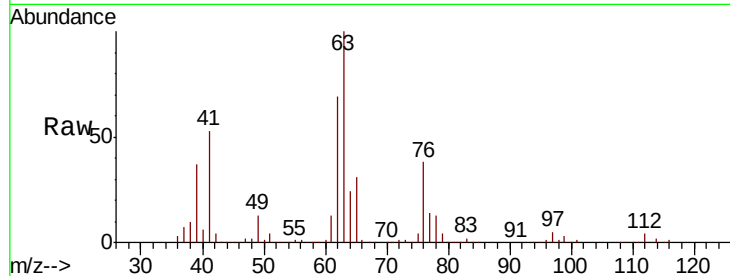
#45
 1,2-Dichloropropane
 Concen: 56.187 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.3	36.5

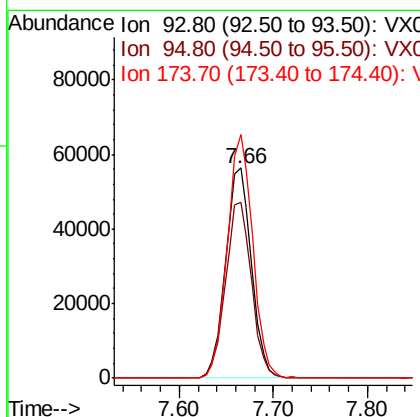
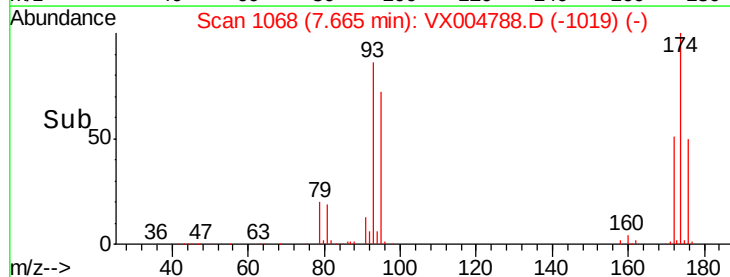
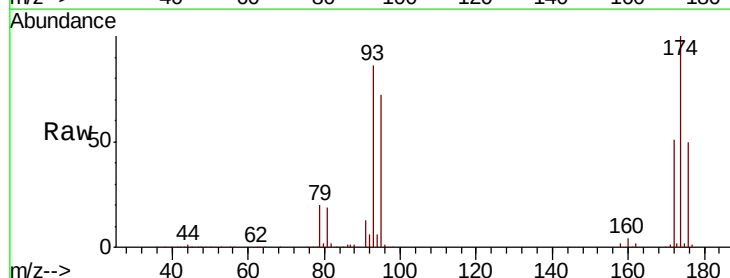
Manual Integrations
 APPROVED

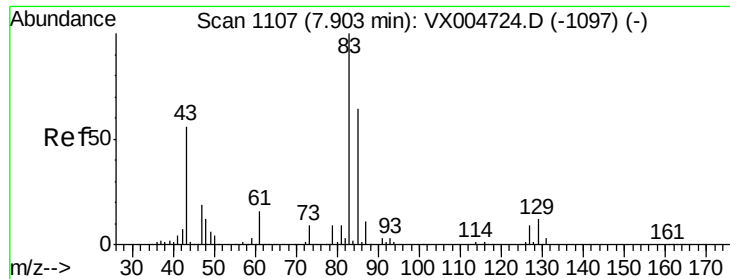
MMDadoda
 9/28/2018 2:26:11 PM



#46
 Dibromomethane
 Concen: 55.851 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.5	98.3
174	114.1	94.2	141.4





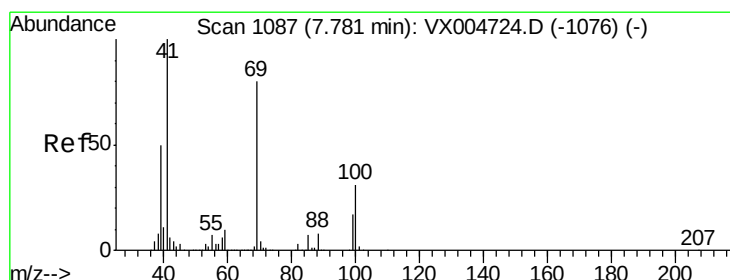
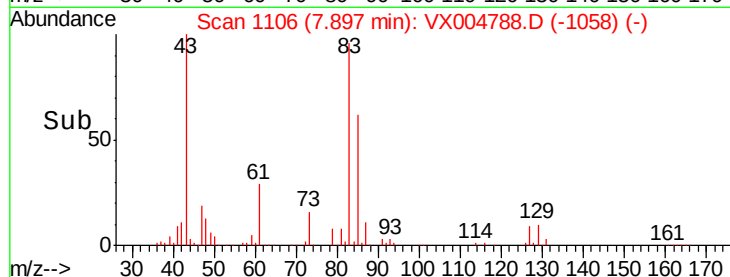
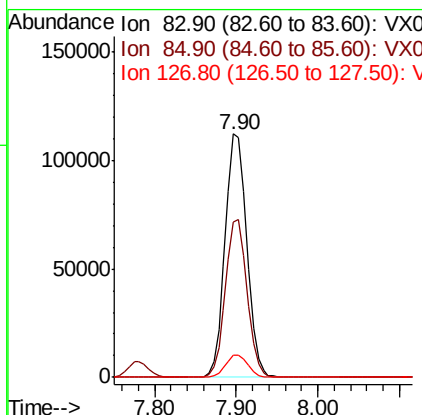
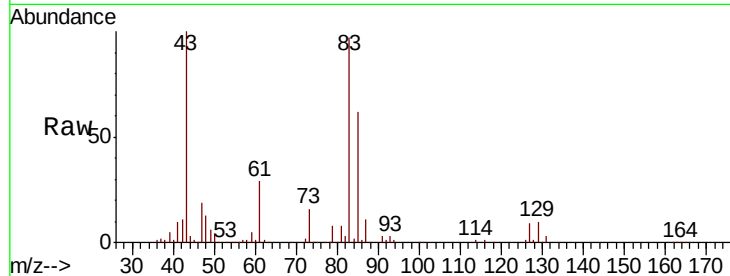
#47
Bromodichloromethane
Concen: 57.477 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	206611		
85	63.6		50.9	76.3
127	9.1		7.3	10.9

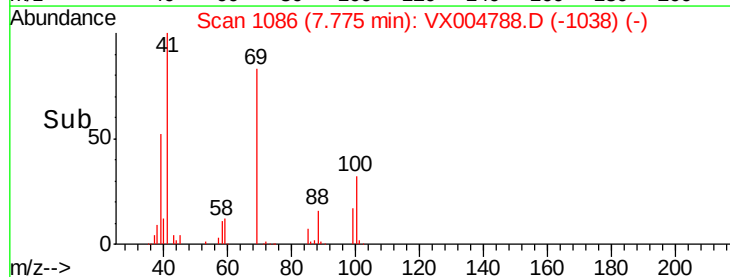
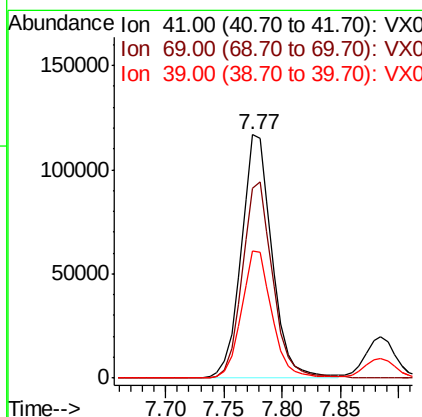
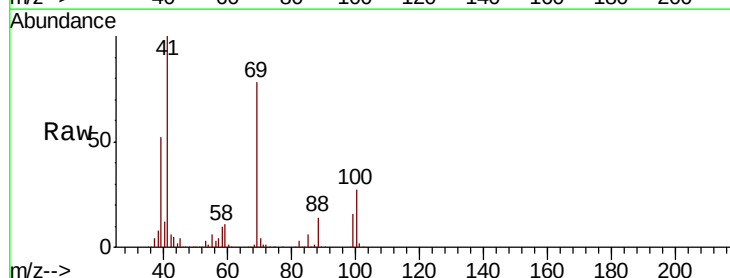
Manual Integrations
APPROVED

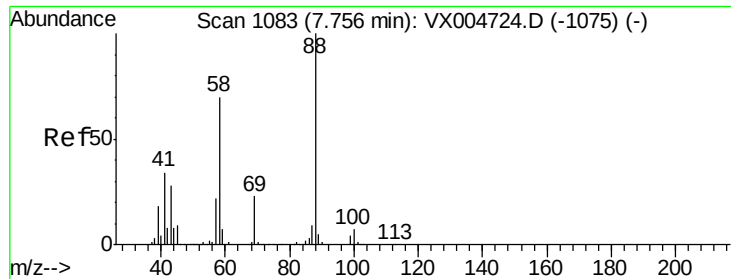
MMDadoda
9/28/2018 2:26:11 PM



#48
Methyl methacrylate
Concen: 61.956 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	214386		
69	80.3		70.2	105.4
39	51.6		42.7	64.1





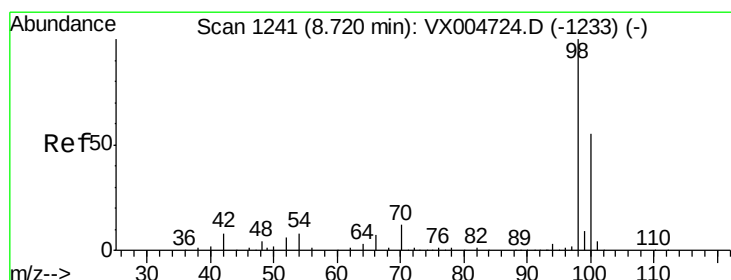
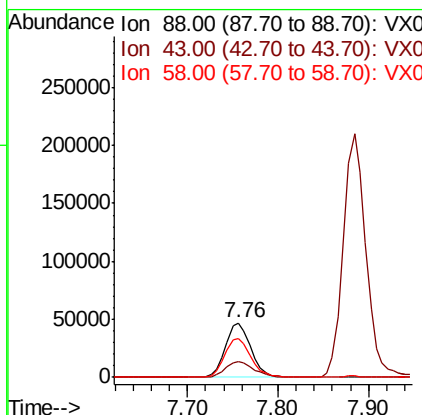
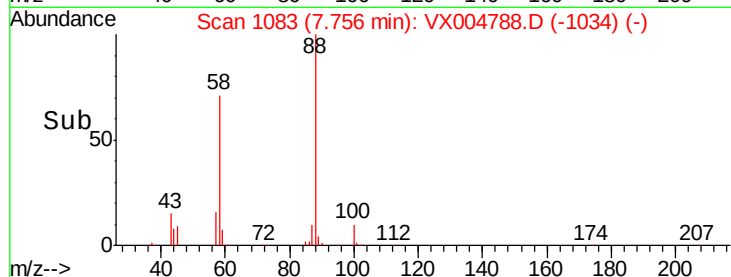
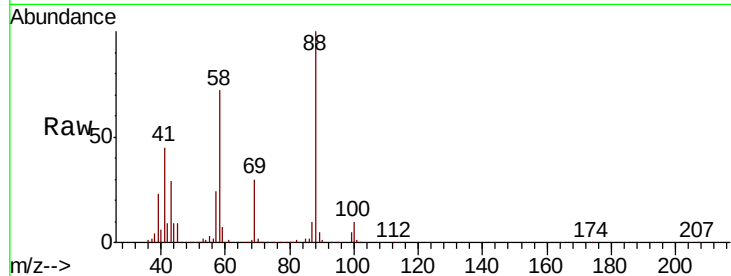
#49
 1,4-Dioxane
 Concen: 1061.133 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	24.7	37.1
58	74.4	55.3	82.9

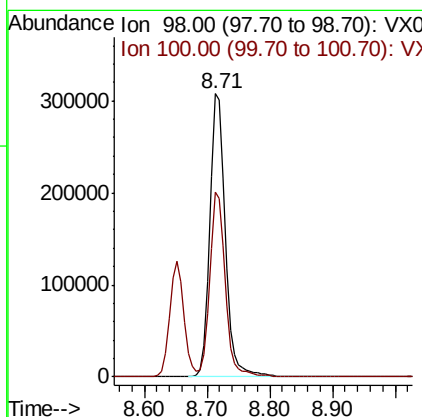
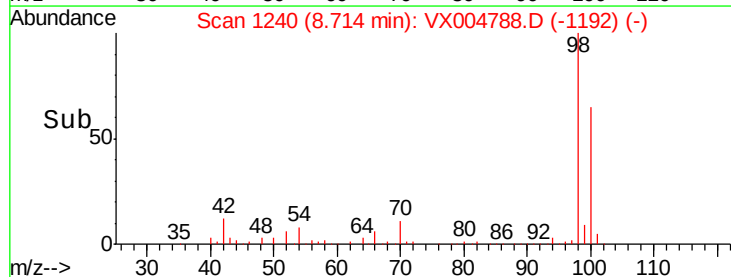
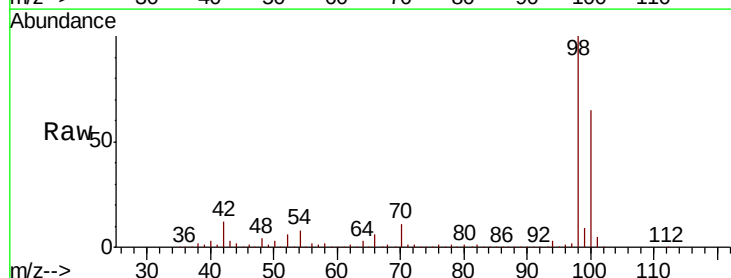
Manual Integrations
 APPROVED

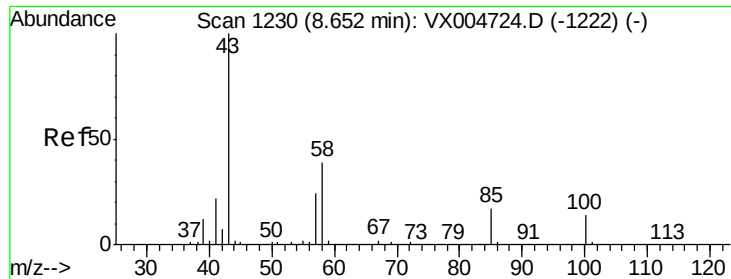
MMDadoda
 9/28/2018 2:26:11 PM



#50
 Toluene-d8
 Concen: 54.330 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





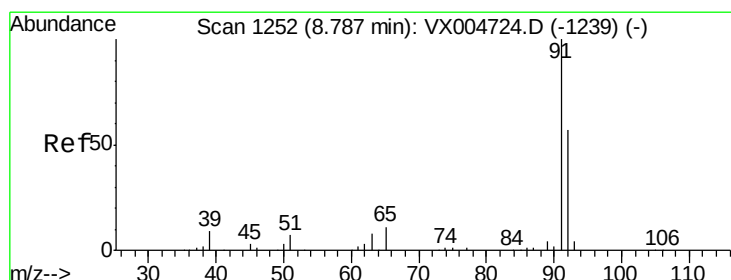
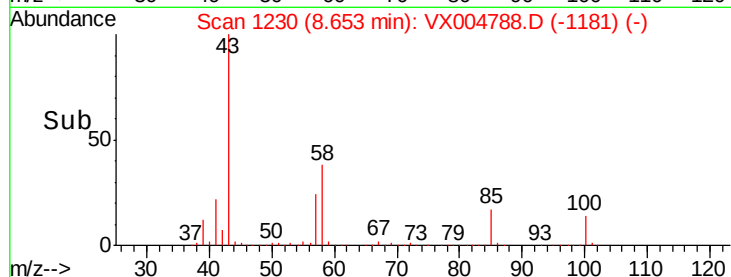
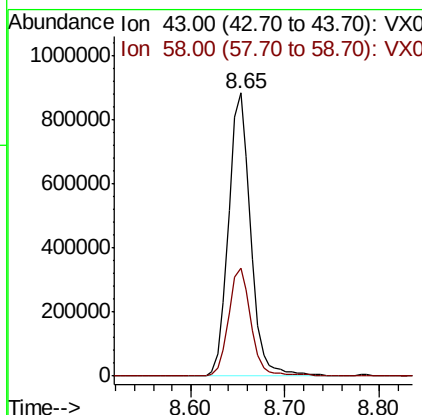
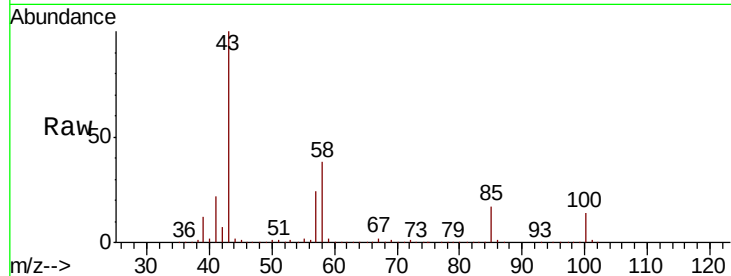
#51
4-Methyl-2-Pentanone
Concen: 300.985 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1444806
Ion Ratio Lower Upper
43 100
58 38.7 33.1 49.7

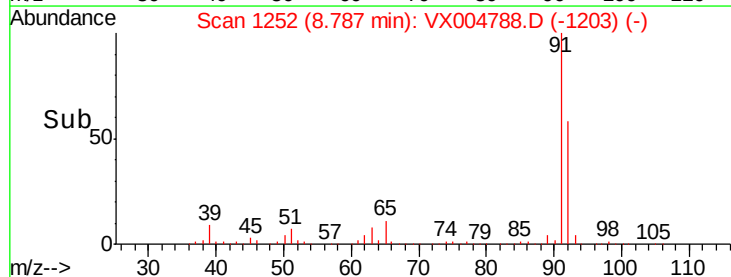
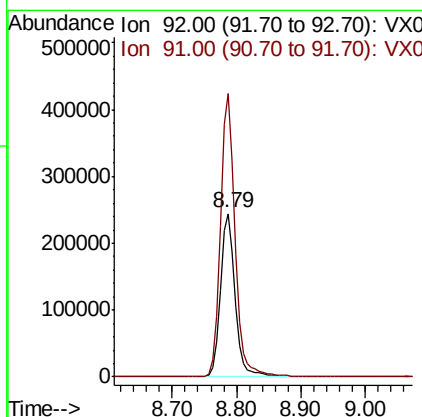
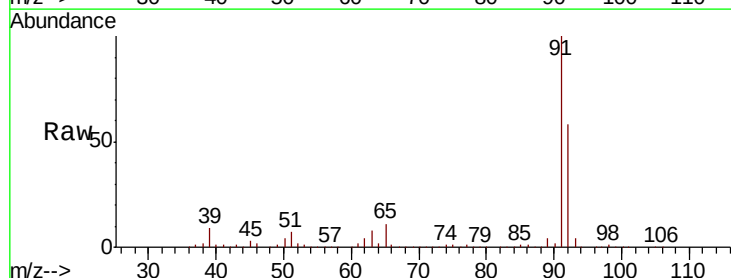
Manual Integrations
APPROVED

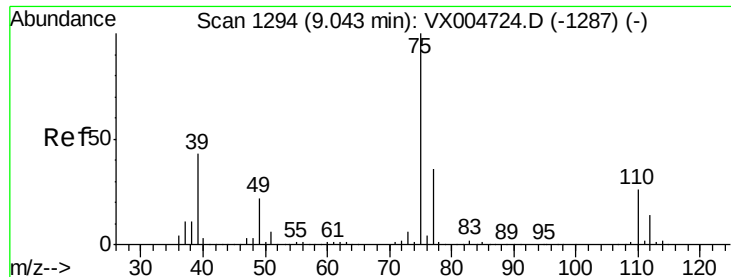
MMDadoda
9/28/2018 2:26:11 PM



#52
Toluene
Concen: 57.439 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion: 92 Resp: 393187
Ion Ratio Lower Upper
92 100
91 173.0 136.4 204.6





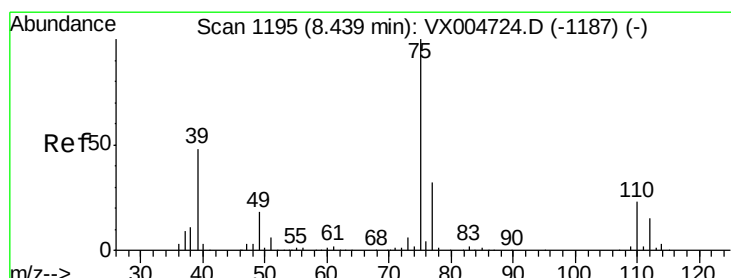
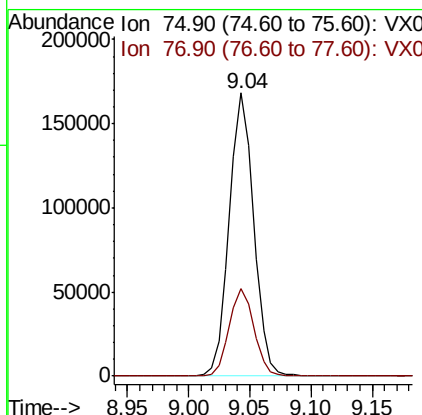
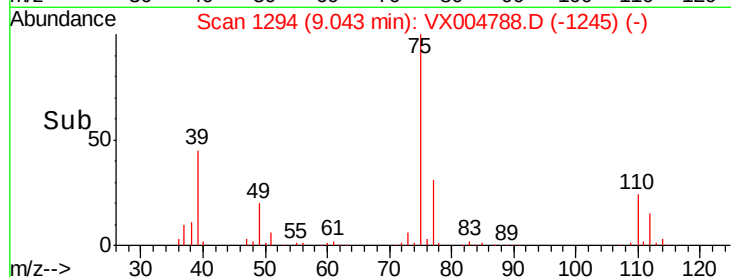
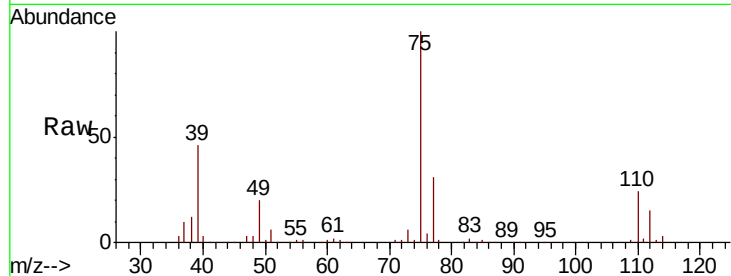
#53
t-1,3-Dichloropropene
Concen: 57.325 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 232860
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

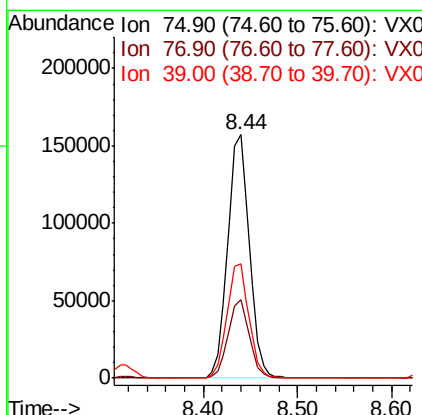
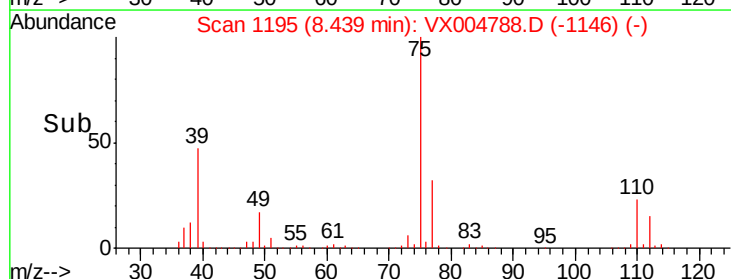
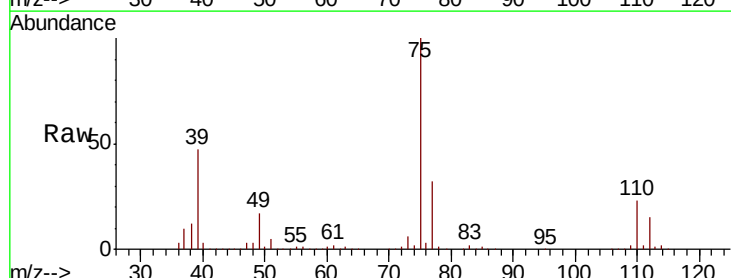
Manual Integrations
APPROVED

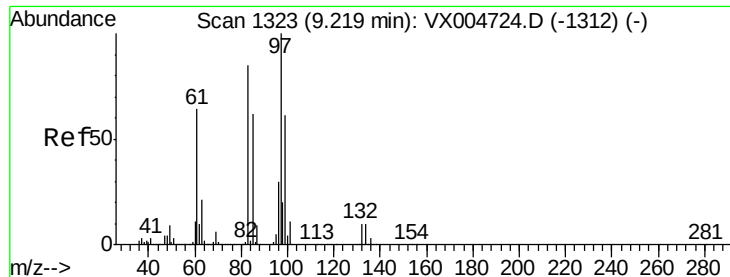
MMDadoda
9/28/2018 2:26:11 PM



#54
cis-1,3-Dichloropropene
Concen: 59.140 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion: 75 Resp: 251625
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
39 46.7 36.4 54.6





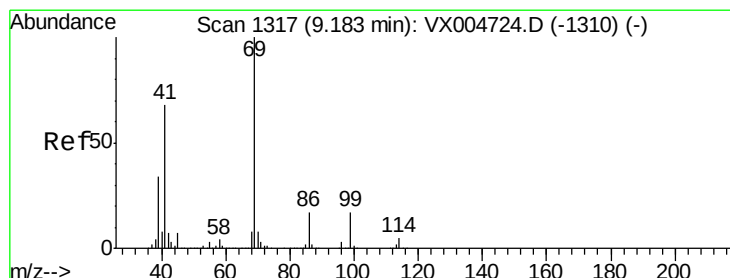
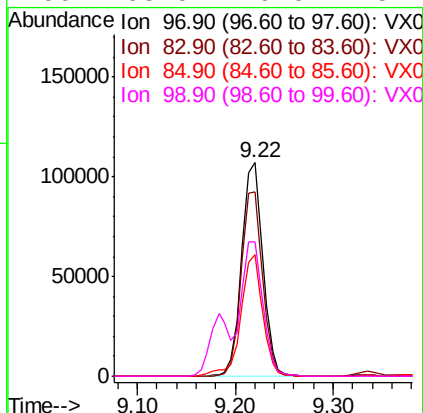
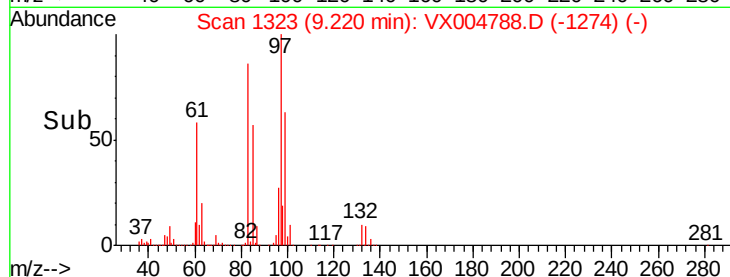
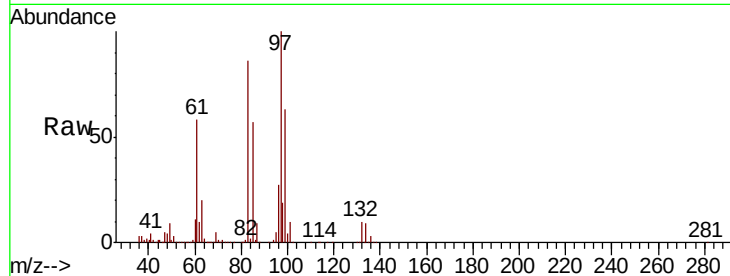
#55
 1,1,2-Trichloroethane
 Concen: 54.154 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	66.4	99.6
85	57.0	43.3	64.9
99	63.0	49.0	73.4

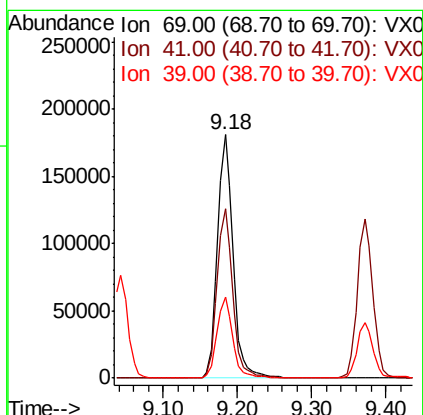
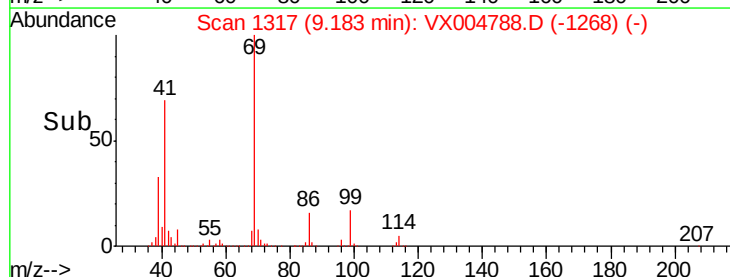
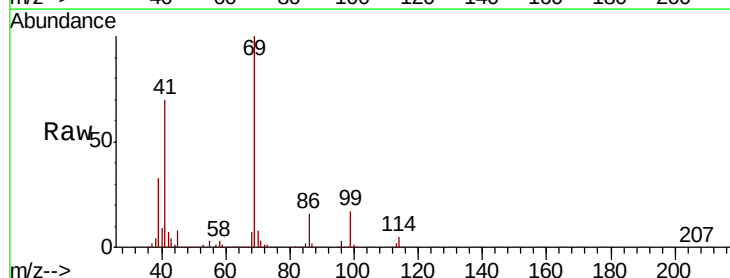
Manual Integrations
 APPROVED

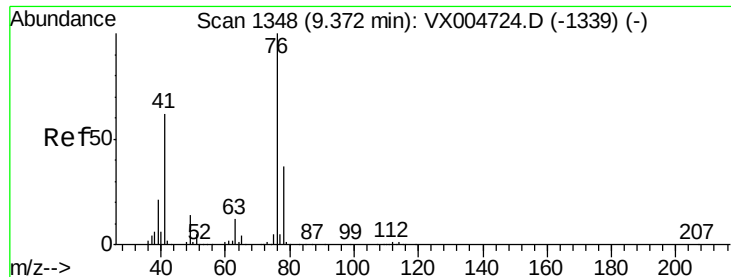
MMDadoda
 9/28/2018 2:26:11 PM



#56
 Ethyl methacrylate
 Concen: 53.590 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.6	51.0	76.4
39	33.6	26.1	39.1





#57

1,3-Dichloropropane

Concen: 55.127 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 275108

Ion Ratio Lower Upper

76 100

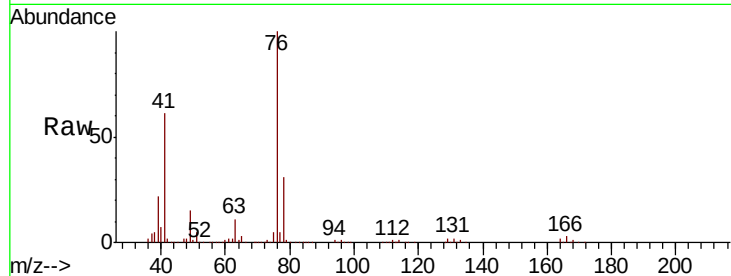
78 32.0 25.5 38.3

Manual Integrations

APPROVED

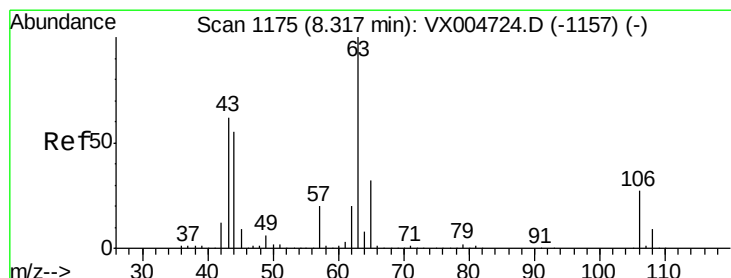
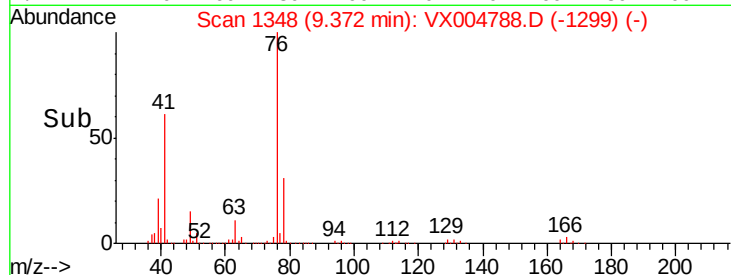
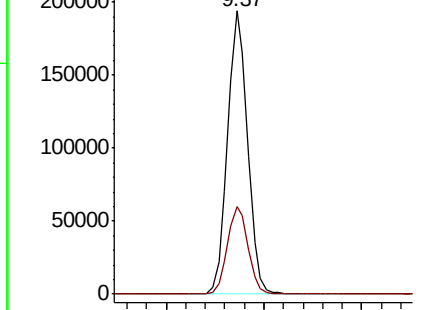
MMDadoda

9/28/2018 2:26:11 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 271.825 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004788.D

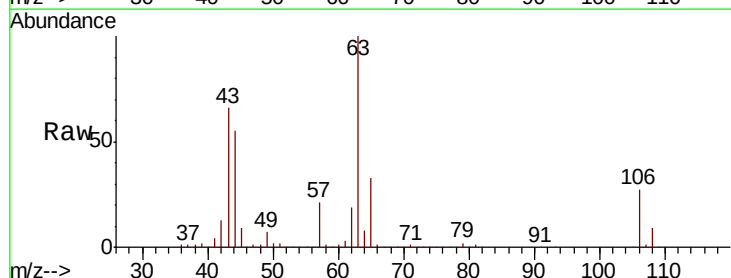
Acq: 27 Sep 2018 21:57

Tgt Ion: 63 Resp: 705693

Ion Ratio Lower Upper

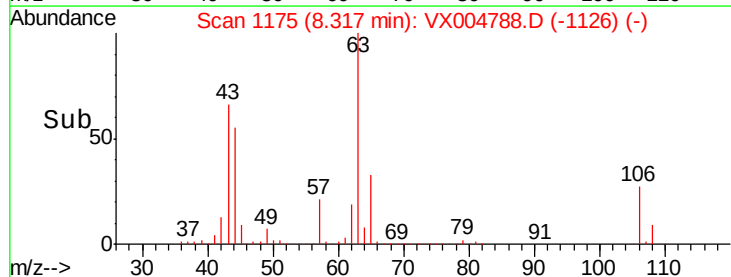
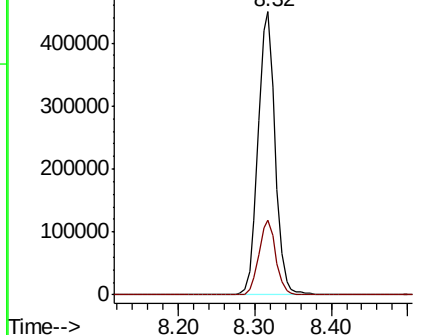
63 100

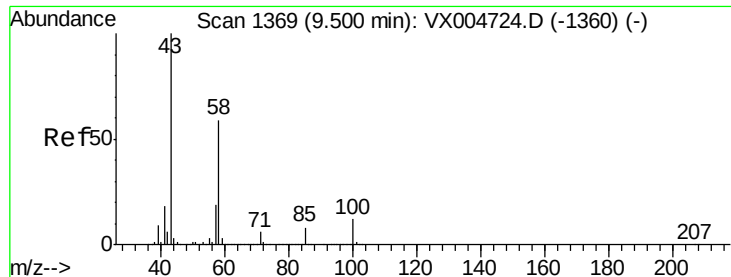
106 26.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





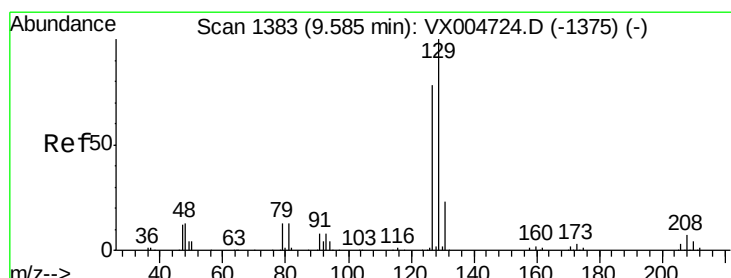
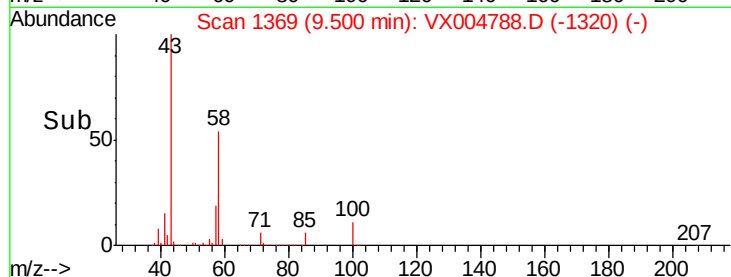
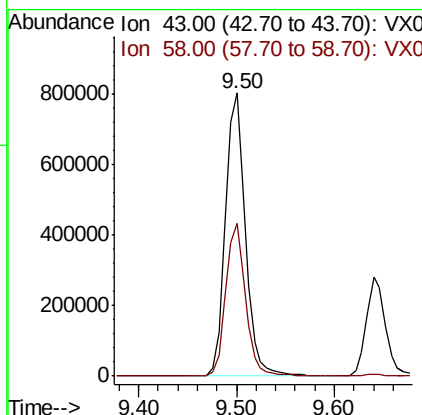
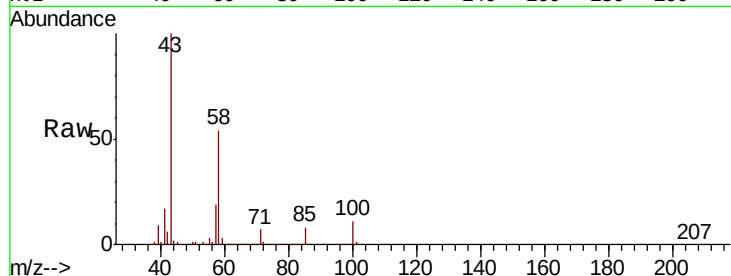
#59
2-Hexanone
Concen: 286.198 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1144836
Ion Ratio Lower Upper
43 100
58 53.3 29.0 87.0

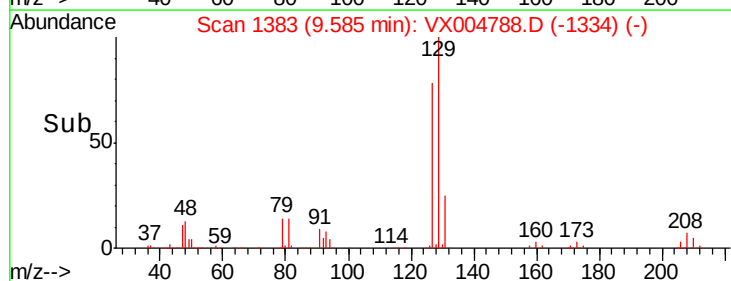
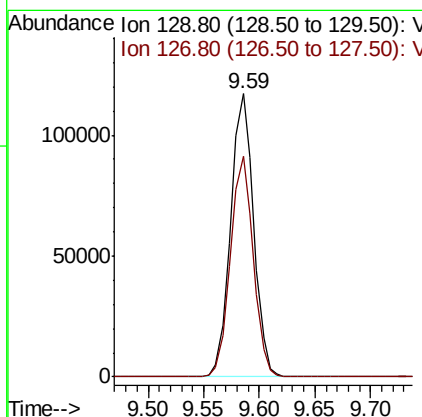
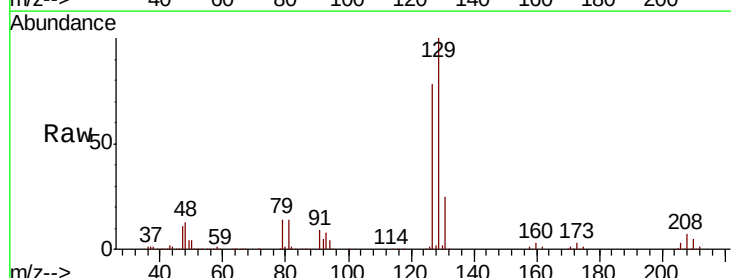
Manual Integrations
APPROVED

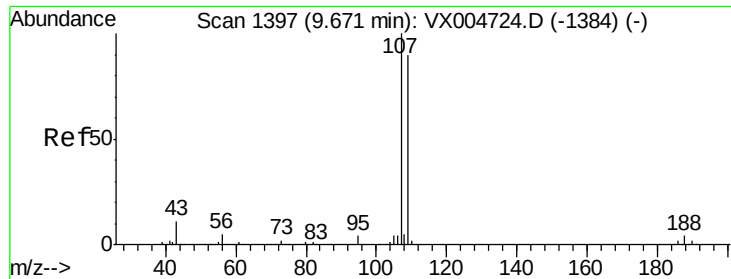
MMDadoda
9/28/2018 2:26:11 PM



#60
Dibromochloromethane
Concen: 55.653 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion: 129 Resp: 166887
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.481 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 168528

Ion Ratio Lower Upper

107 100

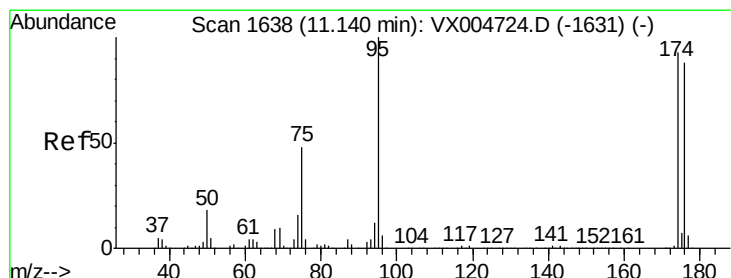
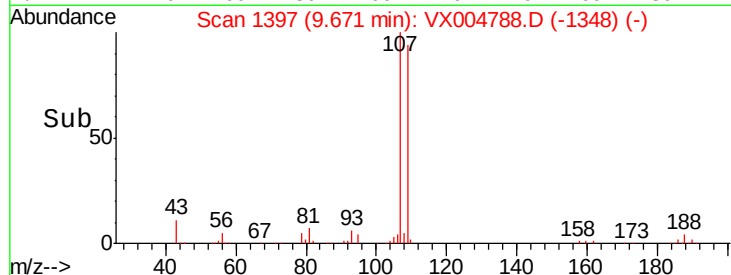
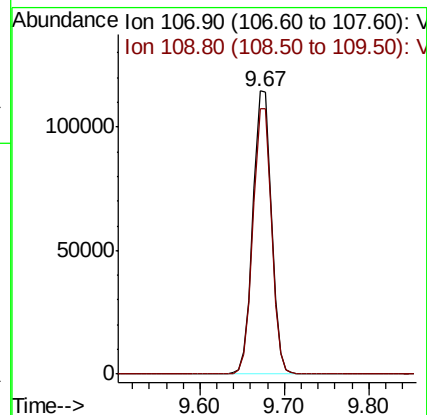
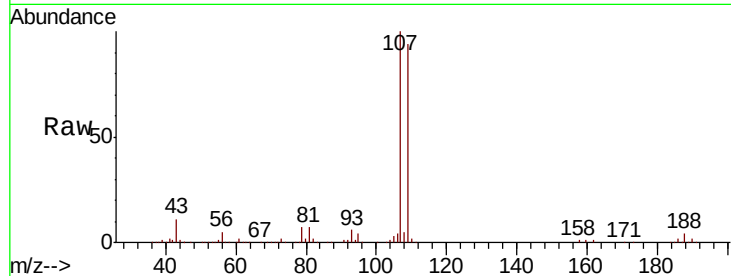
109 94.3 76.0 114.0

Manual Integrations

APPROVED

MMDadoda

9/28/2018 2:26:11 PM



#62

4-Bromofluorobenzene

Concen: 56.174 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

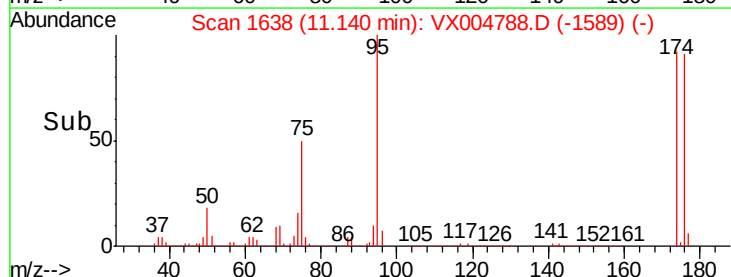
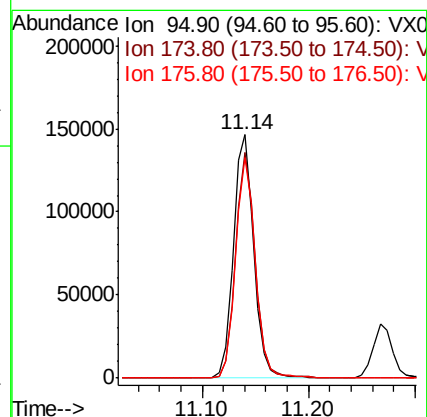
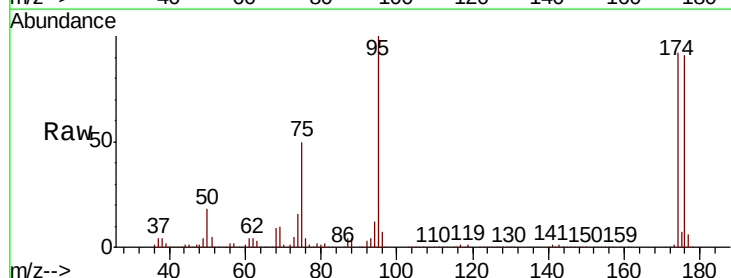
Tgt Ion: 95 Resp: 196216

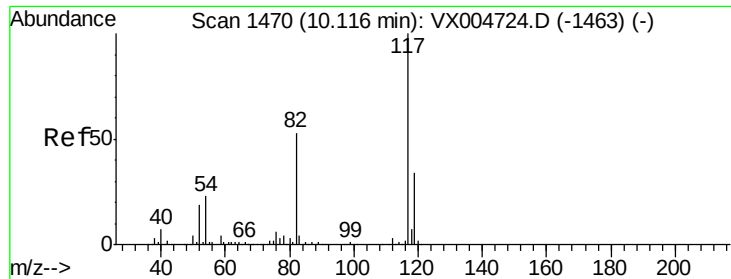
Ion Ratio Lower Upper

95 100

174 90.0 0.0 185.2

176 88.3 0.0 178.6





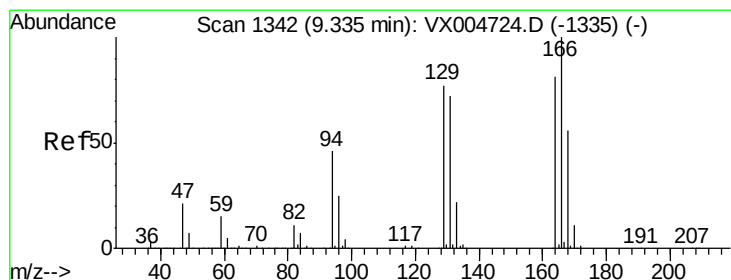
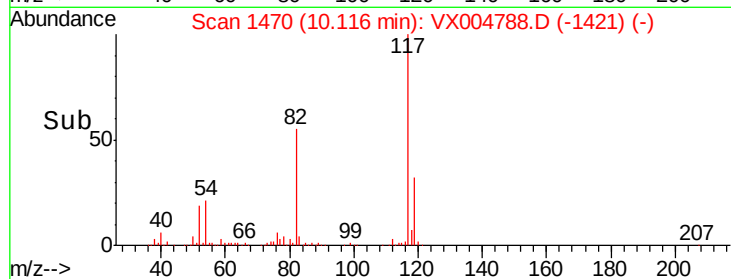
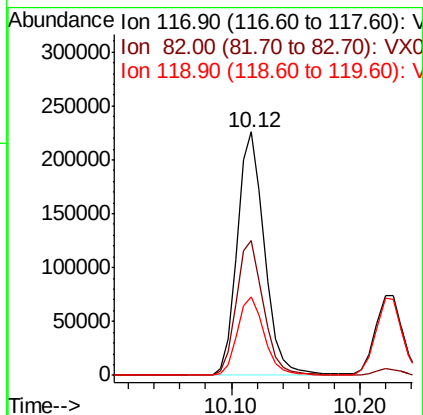
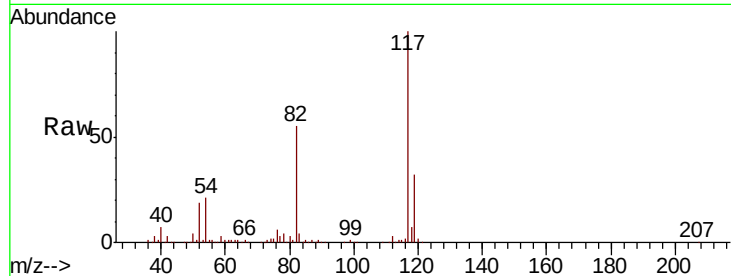
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	330738		
82	55.1		47.8	71.6
119	32.3		29.3	43.9

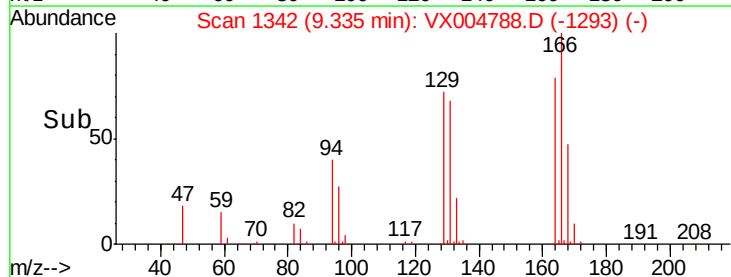
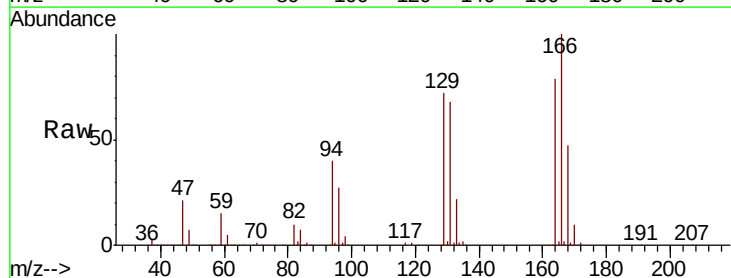
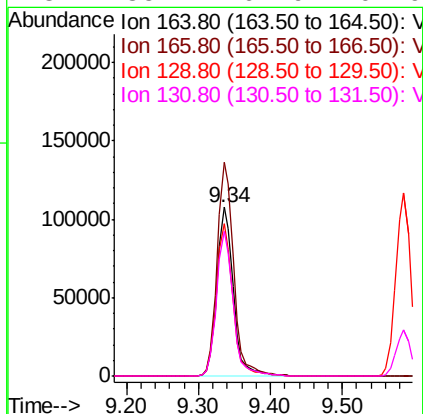
Manual Integrations
APPROVED

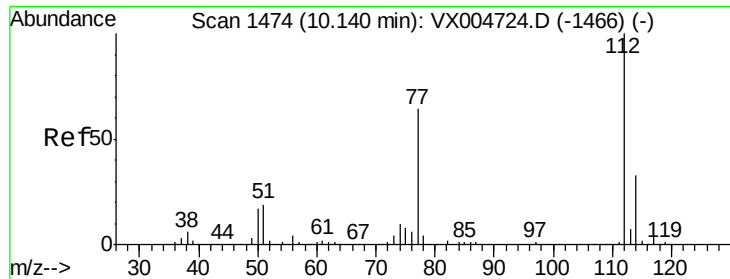
MMDadoda
9/28/2018 2:26:11 PM



#64
Tetrachloroethene
Concen: 52.098 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169589		
166	126.7		102.8	154.2
129	90.6		69.4	104.0
131	85.7		67.9	101.9





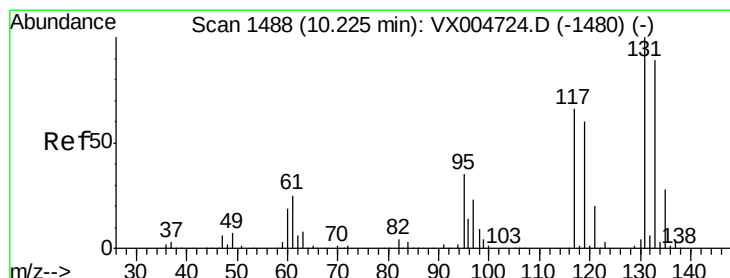
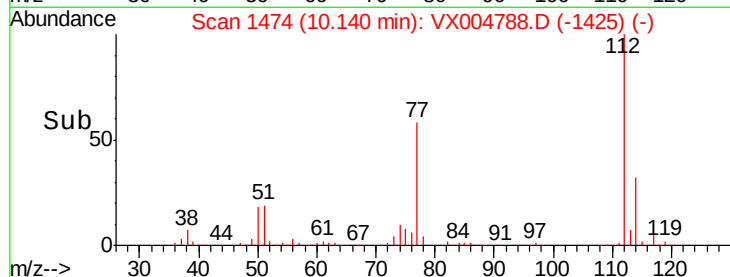
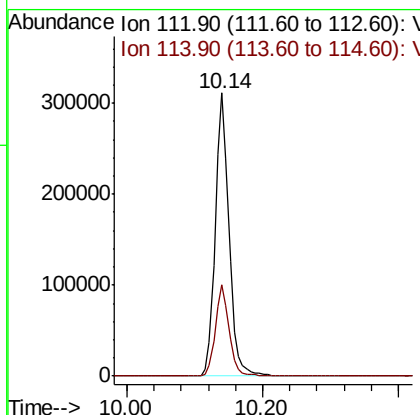
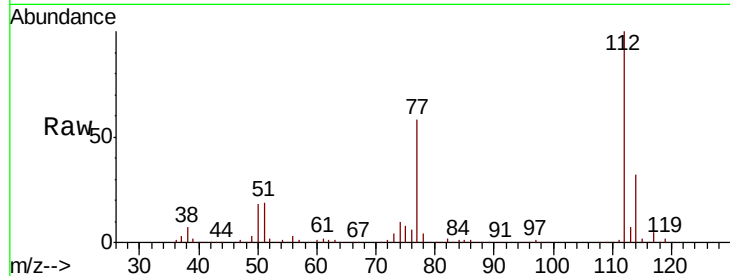
#65
Chlorobenzene
Concen: 51.615 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 437747
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8

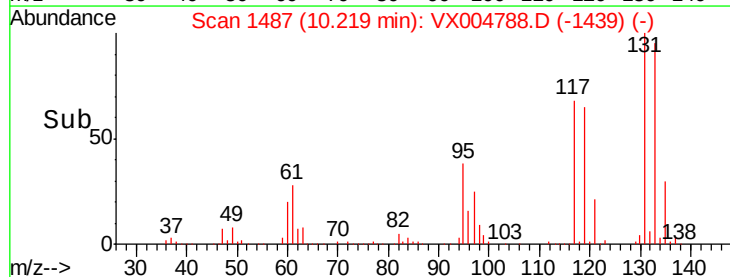
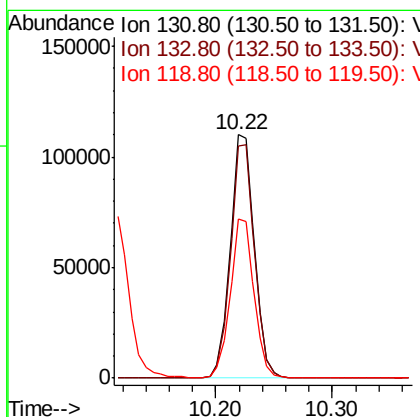
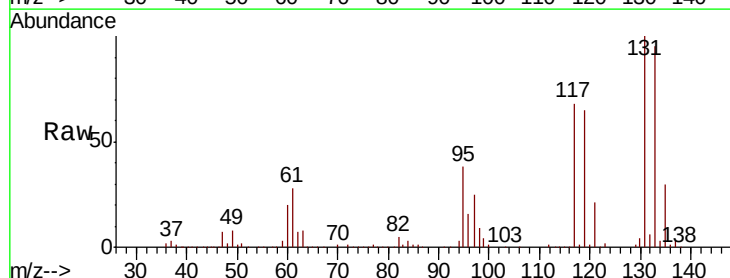
Manual Integrations
APPROVED

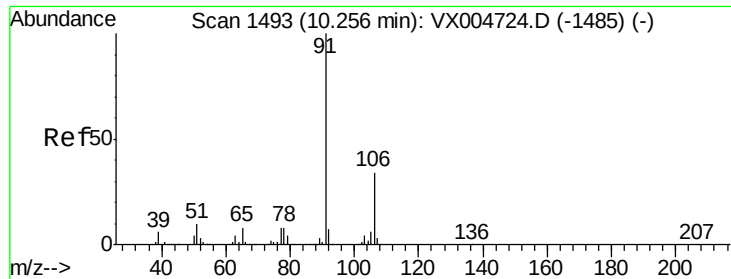
MMDadoda
9/28/2018 2:26:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.919 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion:131 Resp: 157781
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 64.7 32.9 98.6





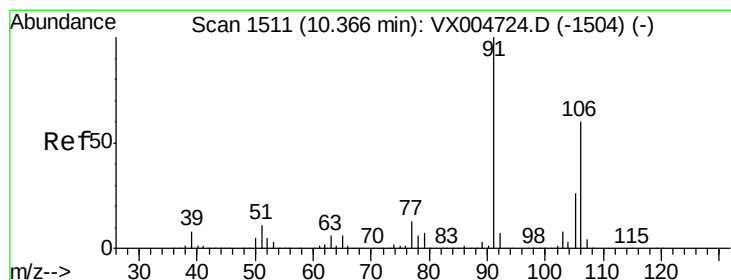
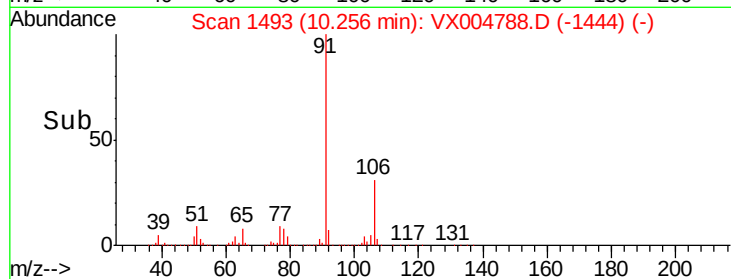
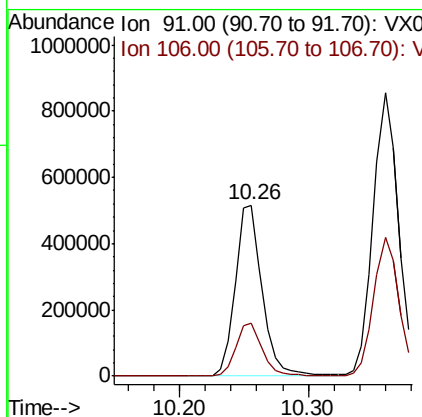
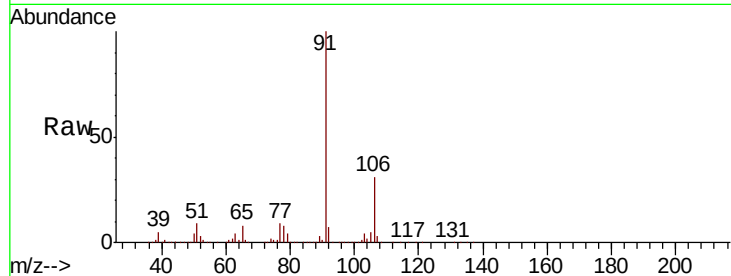
#67
Ethyl Benzene
Concen: 55.685 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.9	38.9

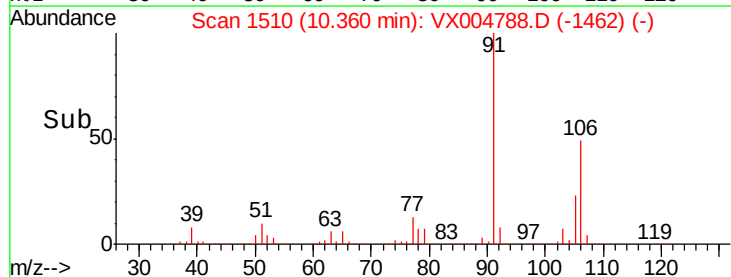
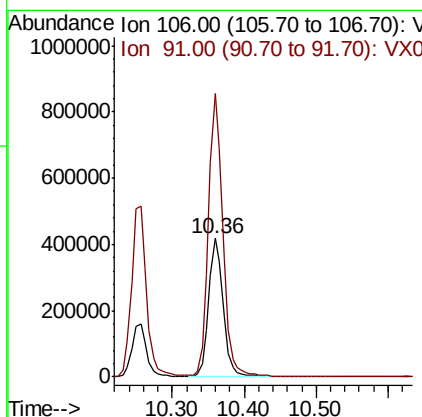
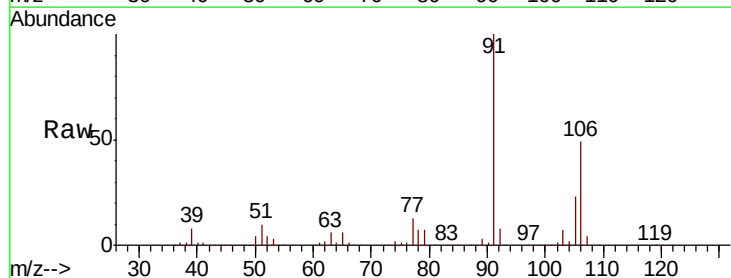
Manual Integrations
APPROVED

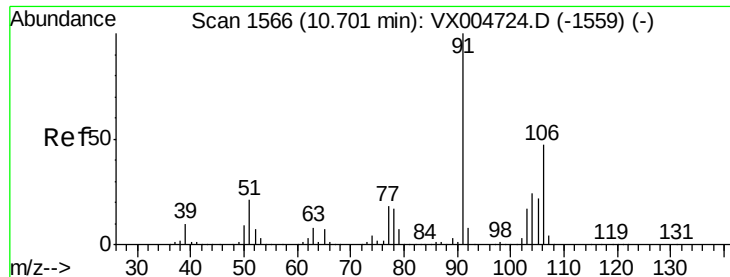
MMDadoda
9/28/2018 2:26:11 PM



#68
m/p-Xylenes
Concen: 111.194 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.4	157.1	235.7





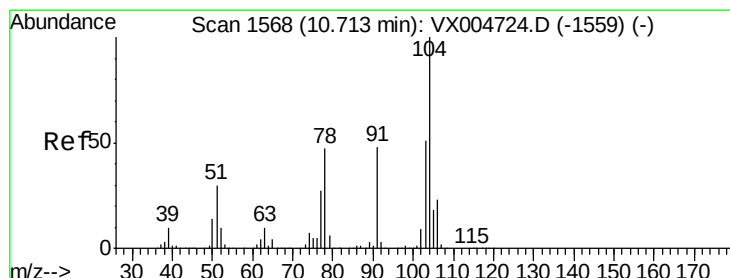
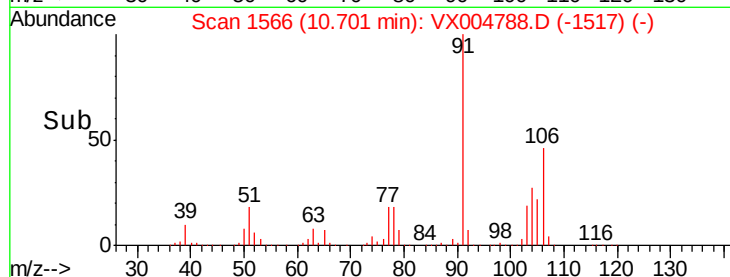
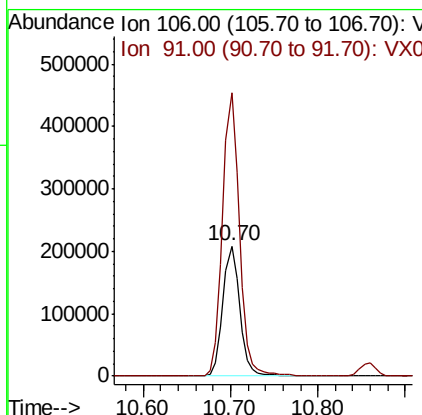
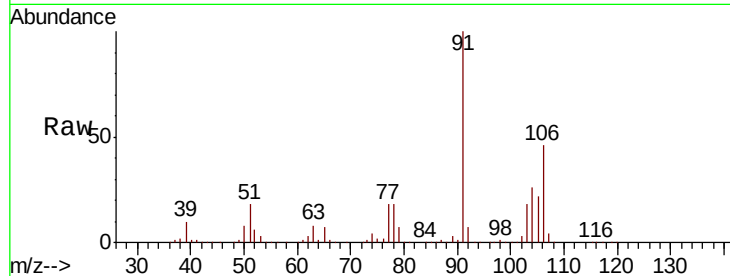
#69
o-Xylene
Concen: 58.107 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.9	105.1	315.1

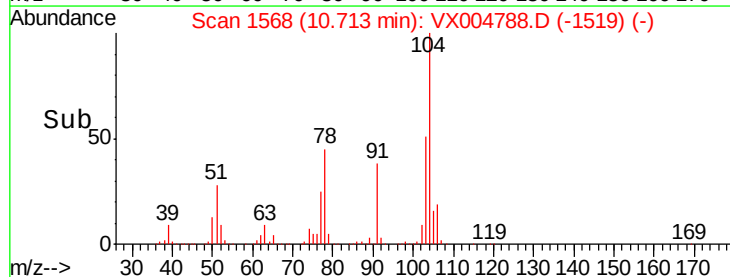
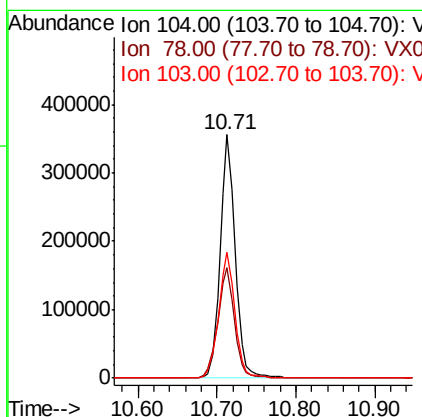
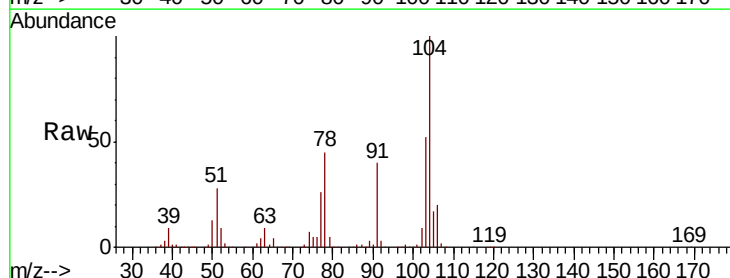
Manual Integrations
APPROVED

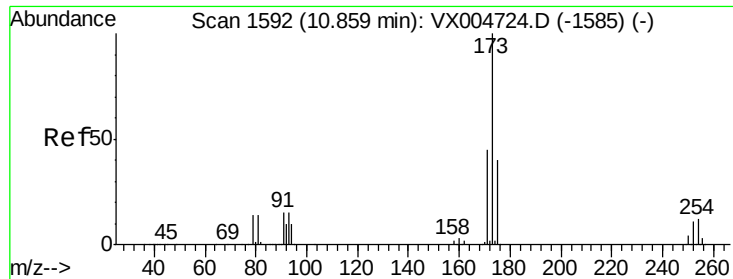
MMDadoda
9/28/2018 2:26:11 PM



#70
Styrene
Concen: 52.578 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.2	37.4	56.0
103	55.9	43.8	65.6





#71

Bromoform

Concen: 53.582 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

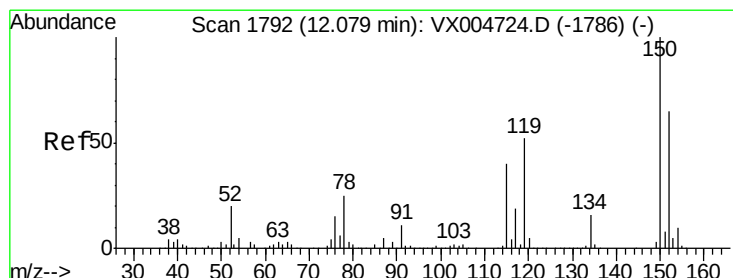
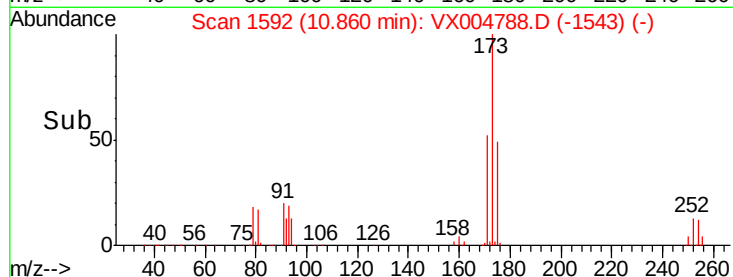
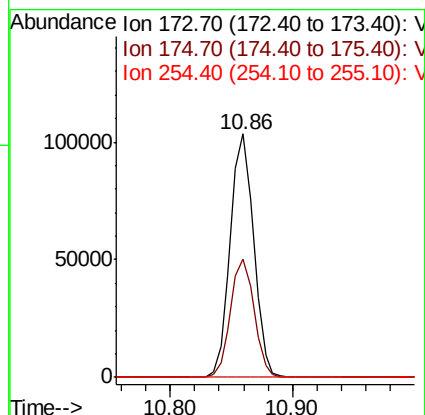
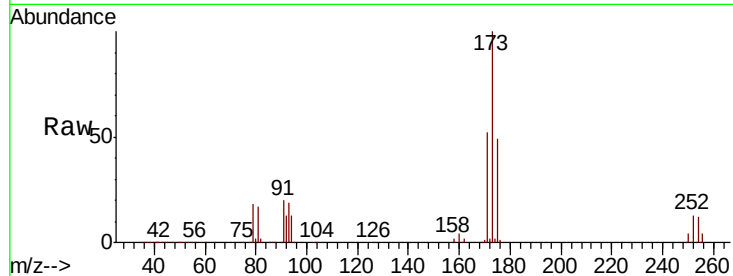
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	136773
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

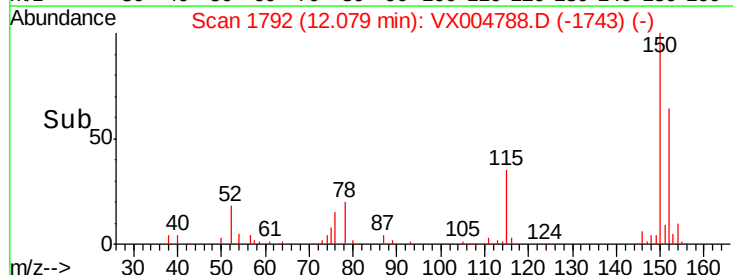
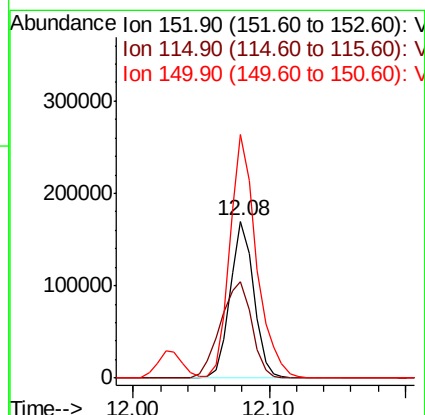
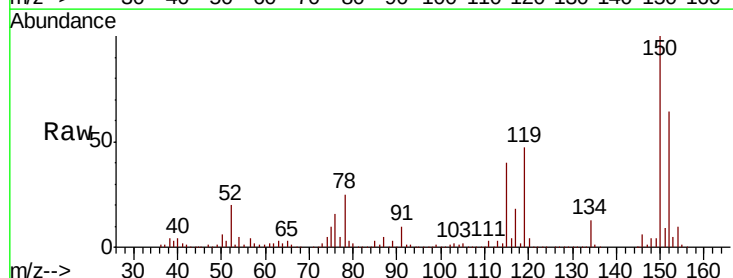
RT: 12.08 min Scan# 1792

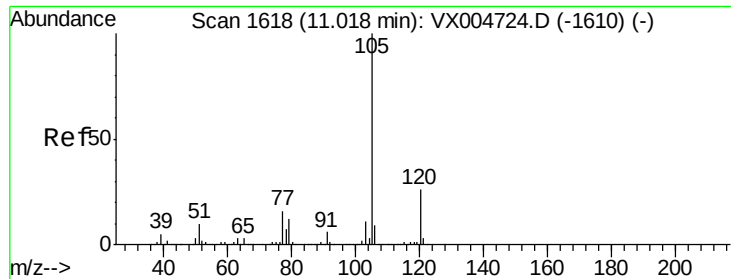
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	152	Resp:	205185
Ion Ratio	Lower	Upper	
152	100		
115	81.1	39.0	117.0
150	174.1	0.0	351.0





#73

Isopropylbenzene

Concen: 57.695 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 746181

Ion Ratio Lower Upper

105 100

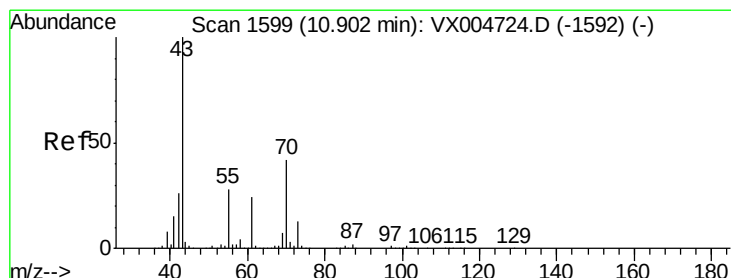
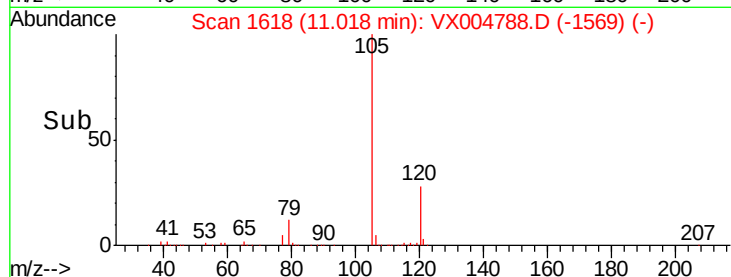
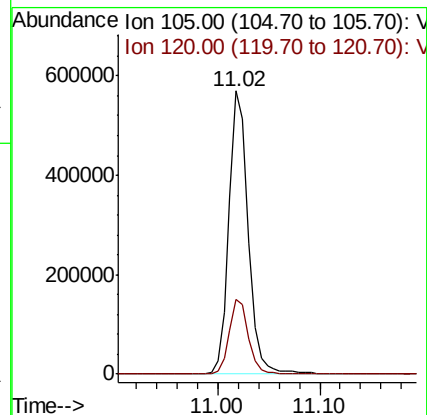
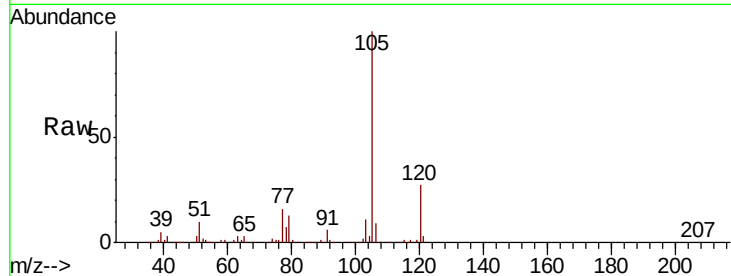
120 26.5 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

9/28/2018 2:26:11 PM



#74

N-ethyl acetate

Concen: 53.432 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion: 43 Resp: 380708

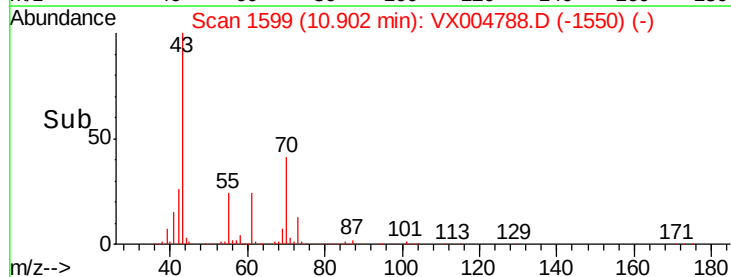
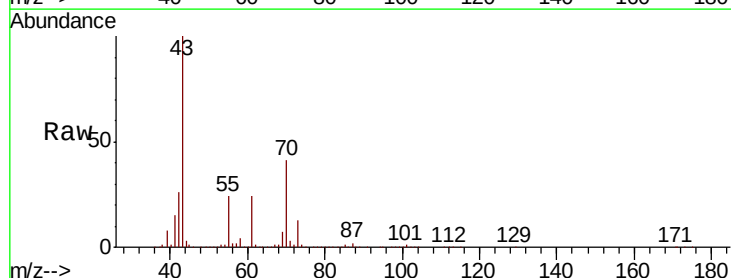
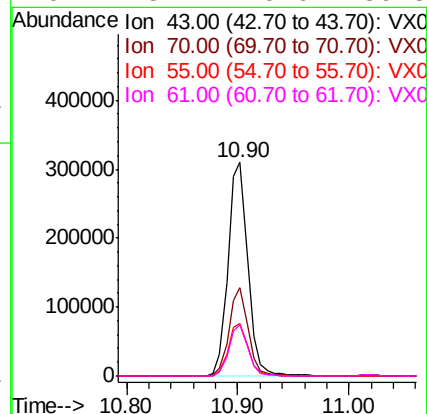
Ion Ratio Lower Upper

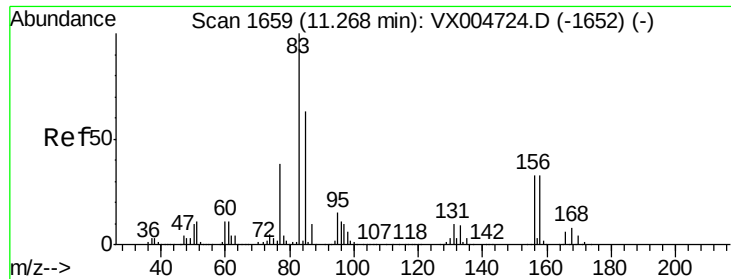
43 100

70 40.1 37.4 56.0

55 24.9 21.8 32.8

61 23.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.073 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

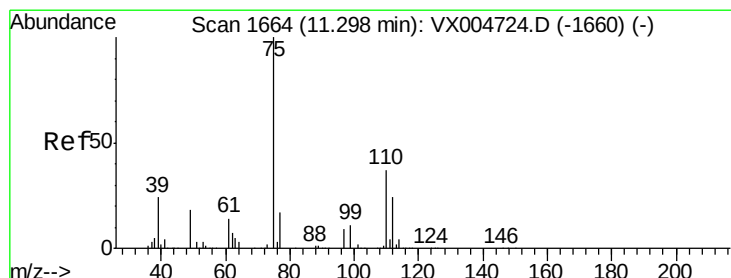
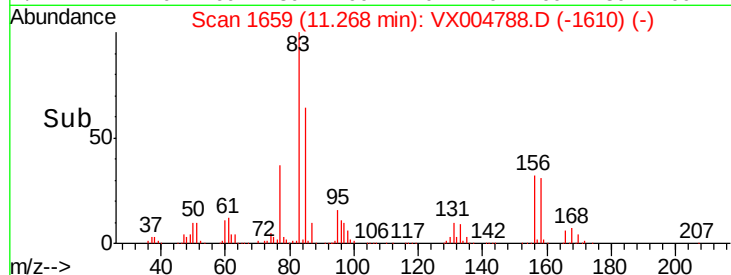
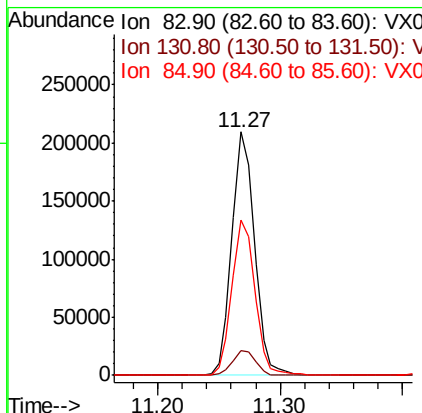
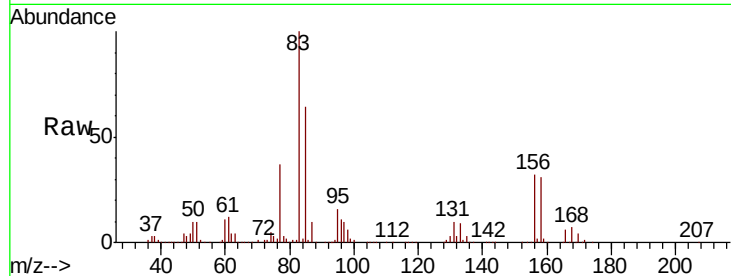
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	268883
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	64.9	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#76

1,2,3-Trichloropropane

Concen: 53.795 ug/l m

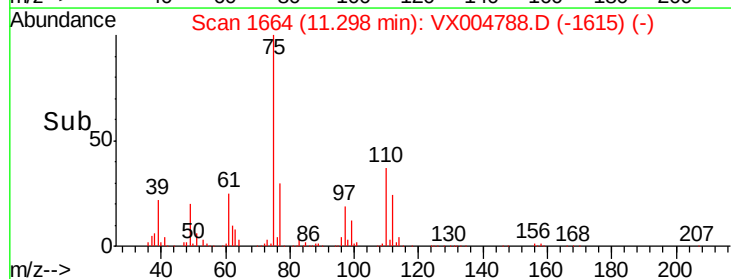
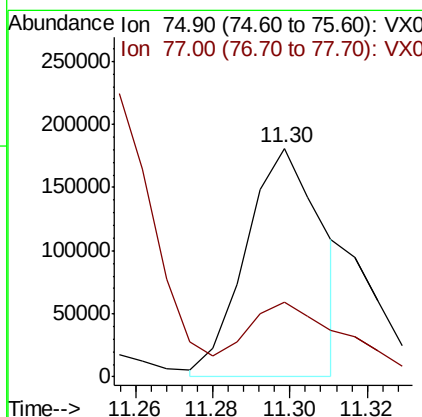
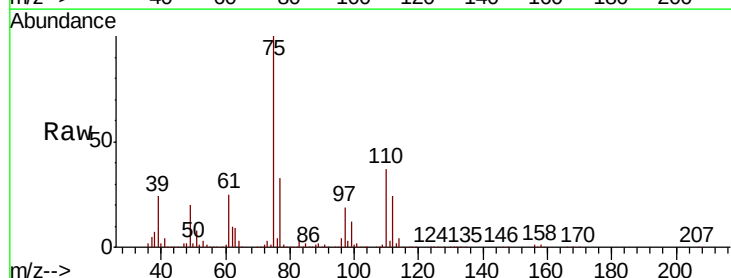
RT: 11.30 min Scan# 1664

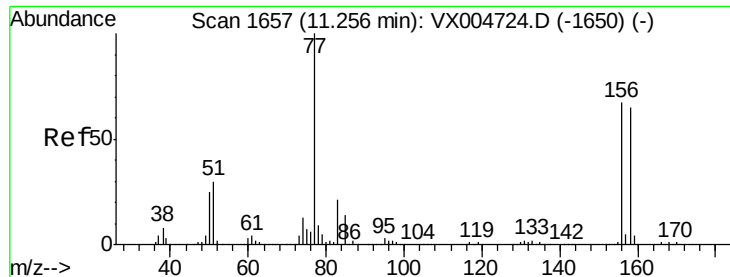
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	75	Resp:	247400
Ion Ratio	Lower	Upper	
75	100		
77	41.9	20.2	60.6





#77

Bromobenzene

Concen: 53.747 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

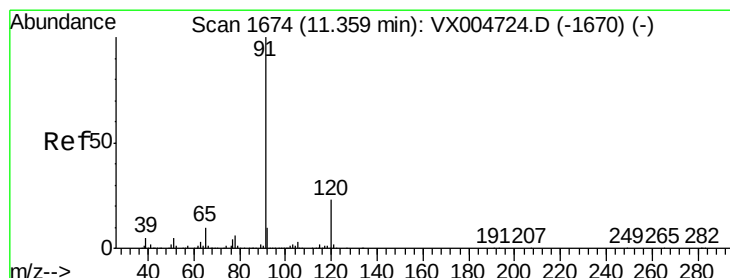
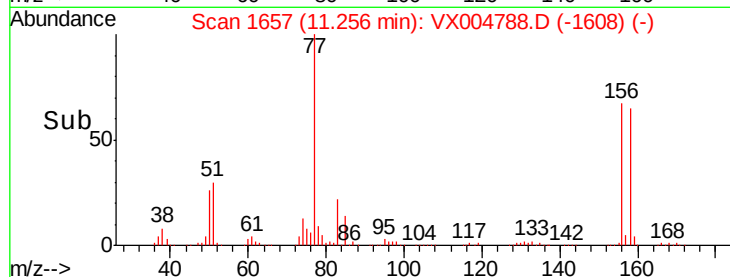
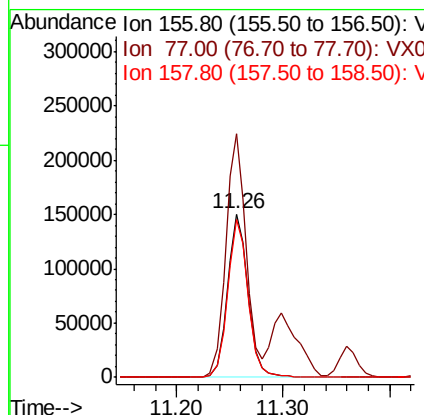
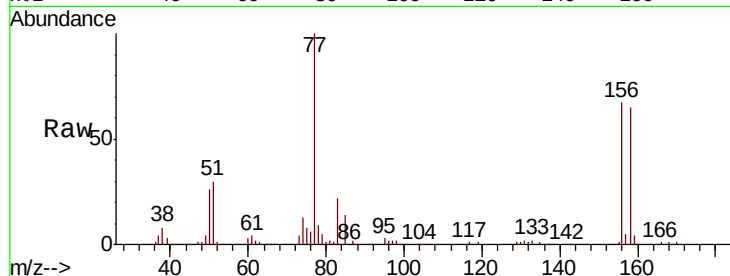
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	201902
Ion	Ratio	Lower	Upper
156	100		
77	147.5	71.5	214.3
158	96.7	48.9	146.8

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#78

n-propylbenzene

Concen: 58.285 ug/l

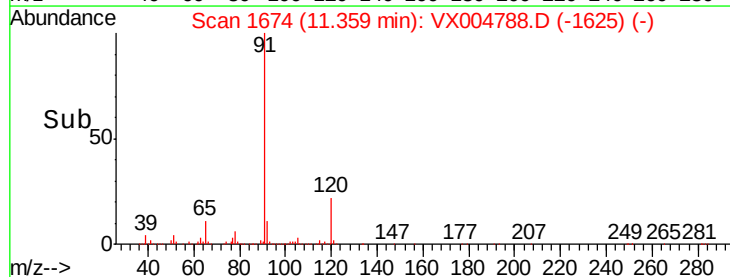
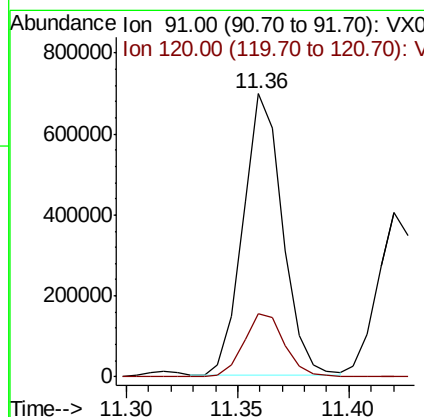
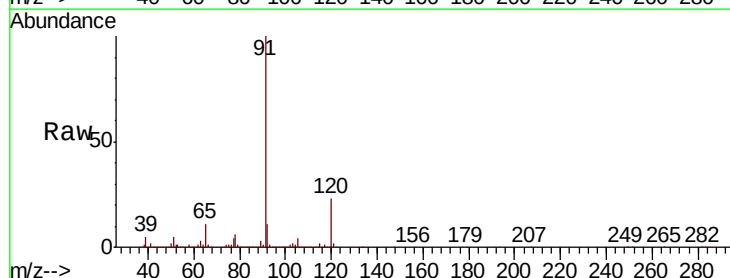
RT: 11.36 min Scan# 1674

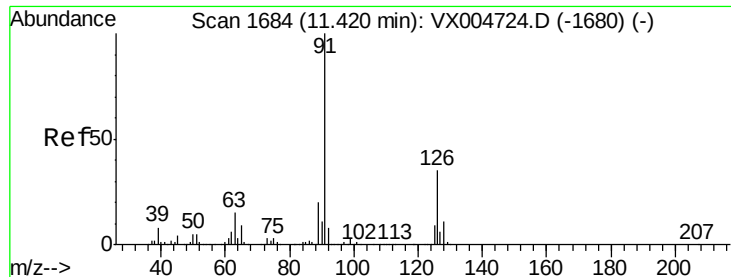
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	91	Resp:	864902
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.9





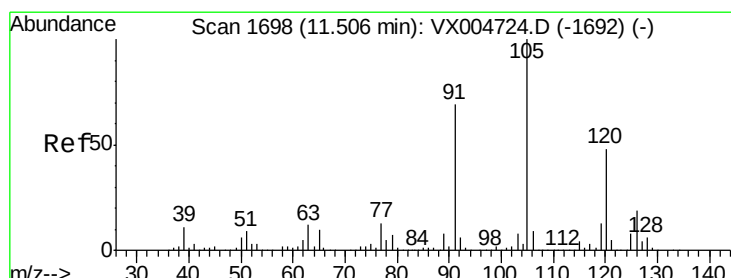
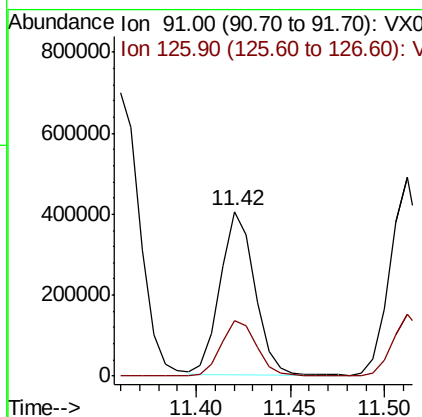
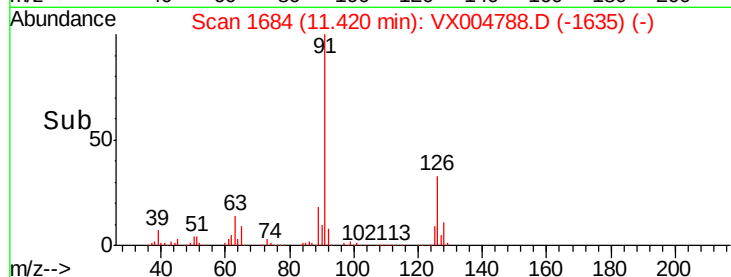
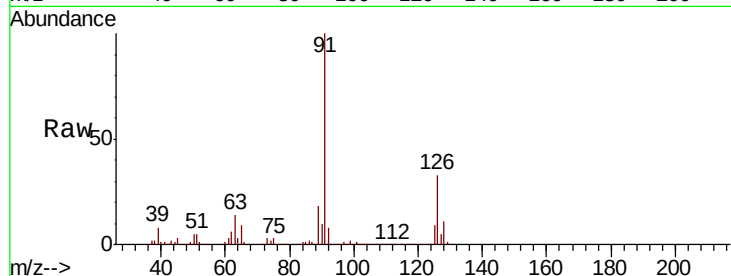
#79
 2-Chlorotoluene
 Concen: 55.930 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 517324
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.9 53.7

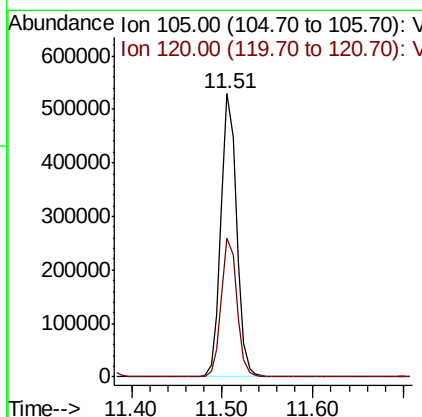
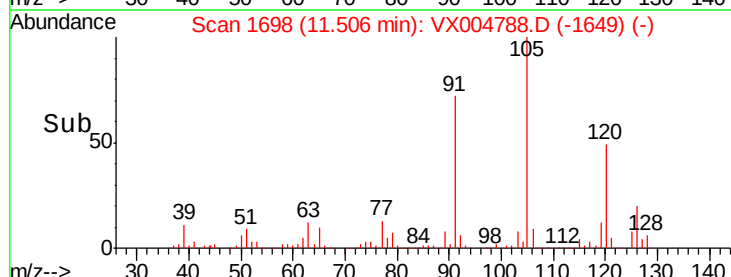
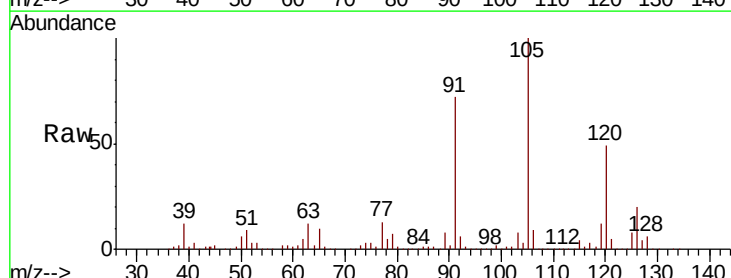
Manual Integrations
 APPROVED

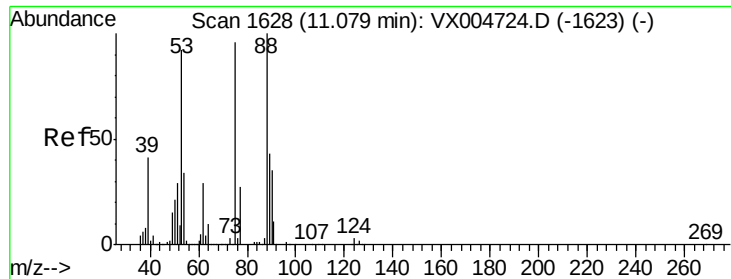
MMDadoda
 9/28/2018 2:26:11 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.138 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Tgt Ion: 105 Resp: 641535
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.293 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

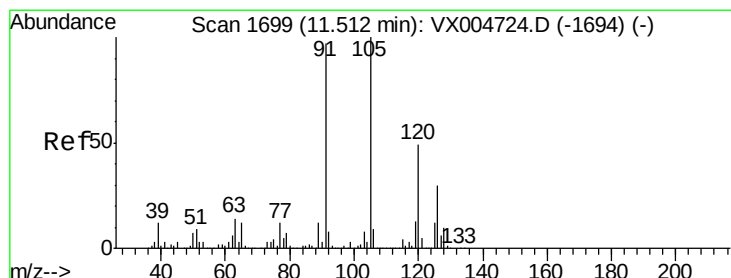
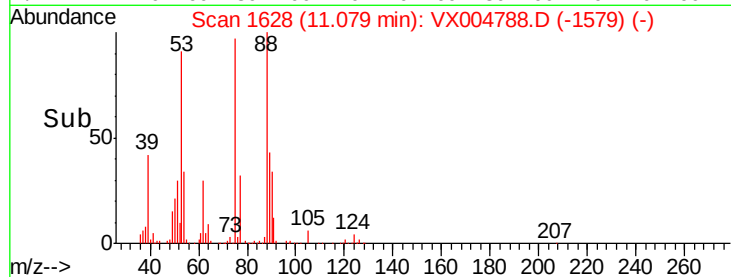
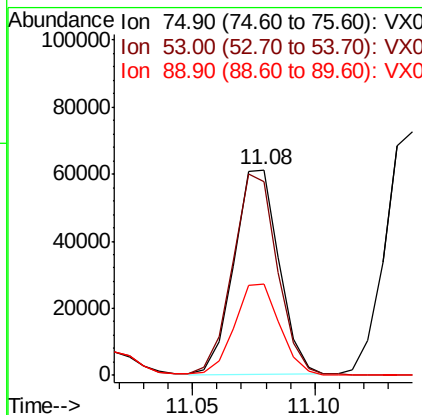
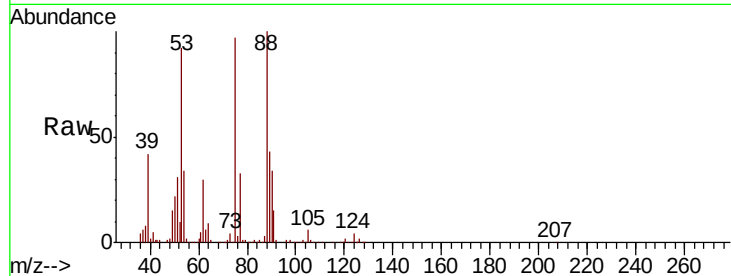
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	77801
Ion	Ratio	Lower	Upper
75	100		
53	98.8	80.1	120.1
89	45.6	37.2	55.8

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#82

4-Chlorotoluene

Concen: 56.528 ug/l

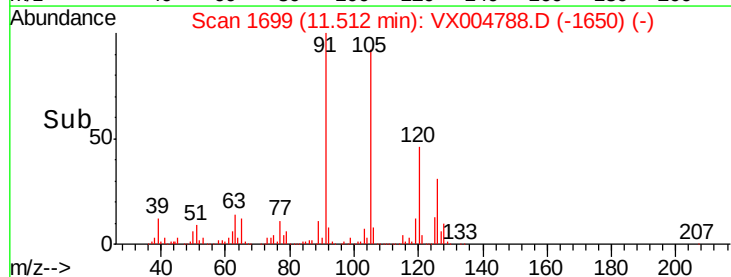
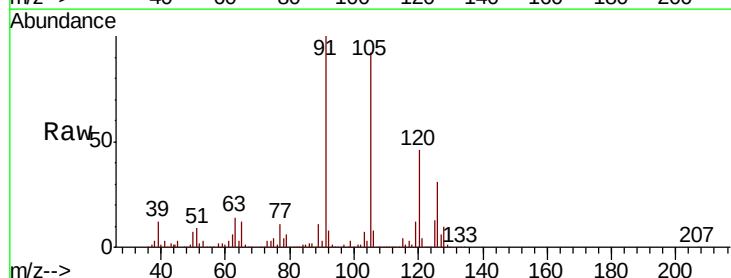
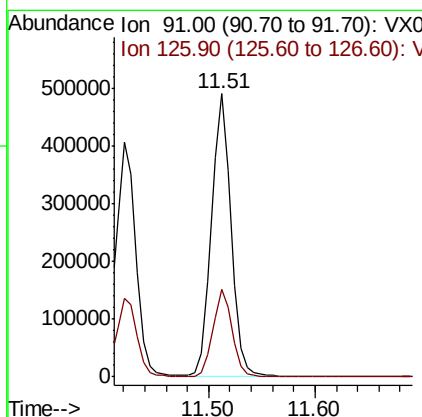
RT: 11.51 min Scan# 1699

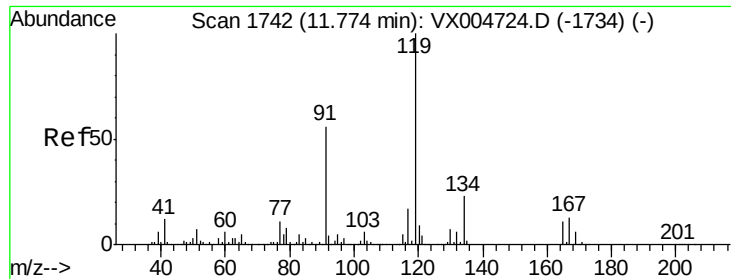
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	91	Resp:	615424
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





#83

tert-Butylbenzene

Concen: 58.311 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

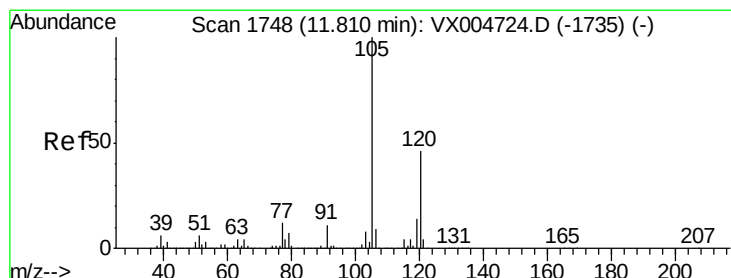
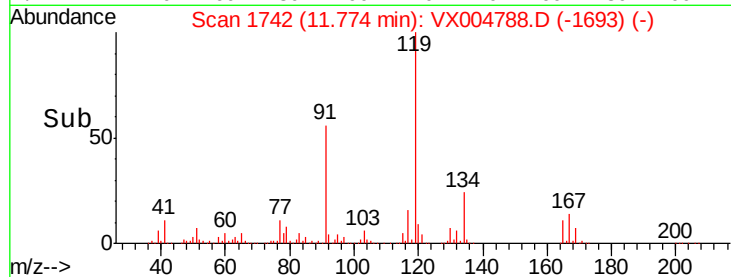
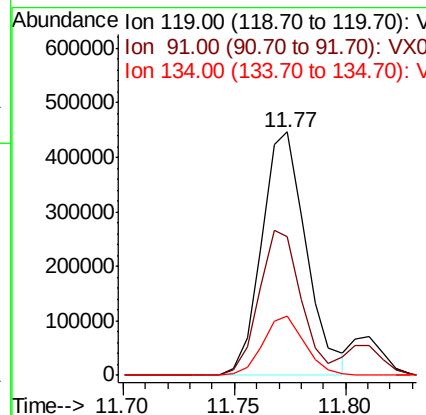
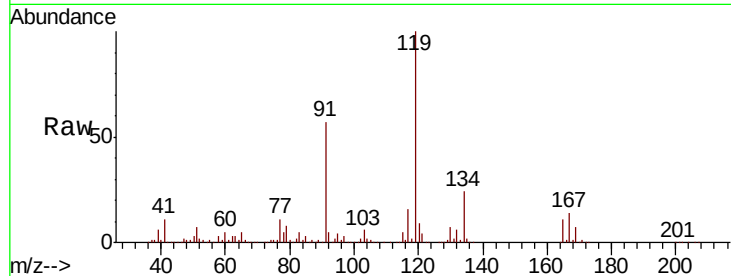
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	620908
Ion Ratio	Lower	Upper	
119	100		
91	56.1	27.0	81.0
134	22.9	11.7	35.1

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#84

1,2,4-Trimethylbenzene

Concen: 54.469 ug/l

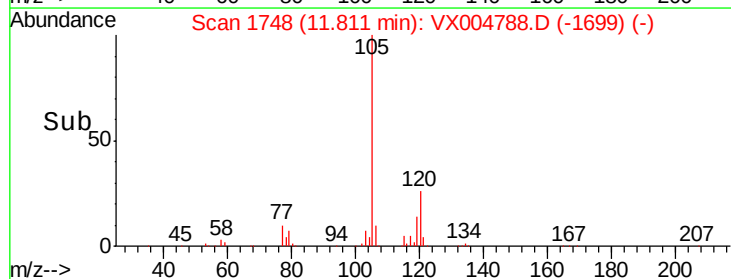
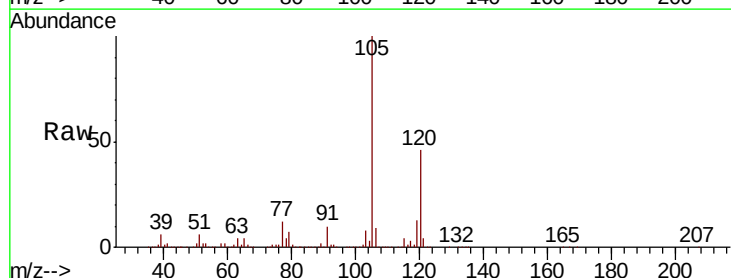
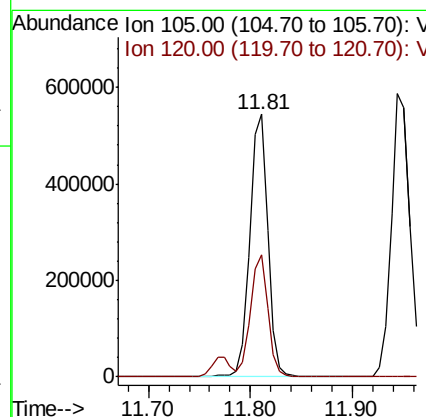
RT: 11.81 min Scan# 1748

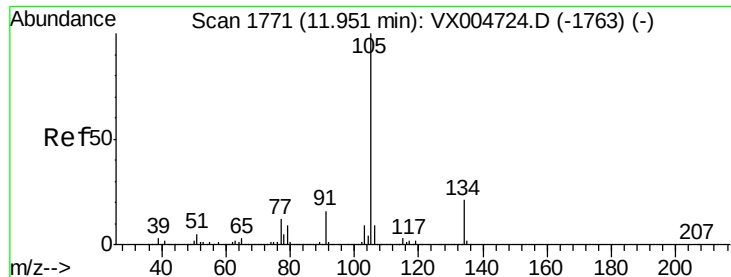
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	105	Resp:	665631
Ion Ratio	Lower	Upper	
105	100		
120	45.1	23.2	69.6





#85

sec-Butylbenzene

Concen: 58.357 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 756884

Ion Ratio Lower Upper

105 100

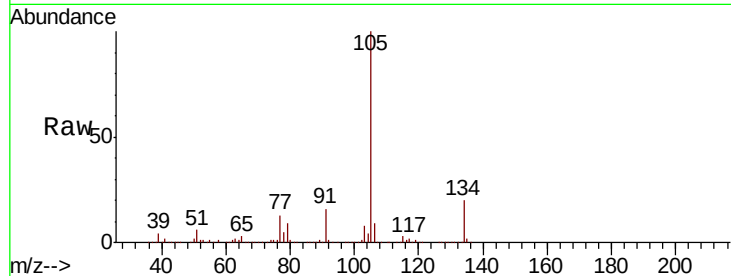
134 20.0 10.5 31.5

Manual Integrations

APPROVED

MMDadoda

9/28/2018 2:26:11 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

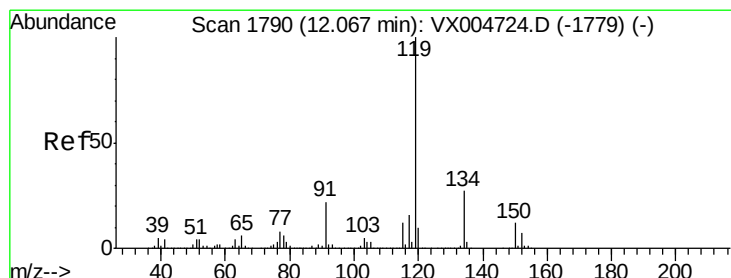
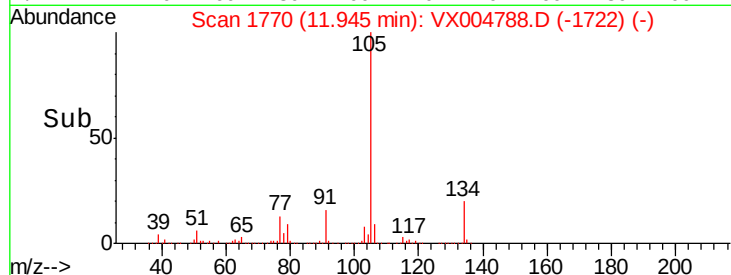
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 58.009 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

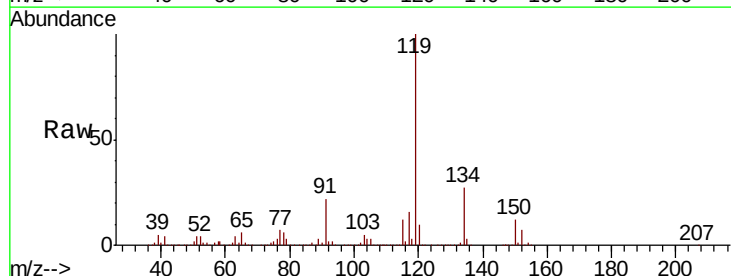
Tgt Ion:119 Resp: 681656

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 22.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

800000

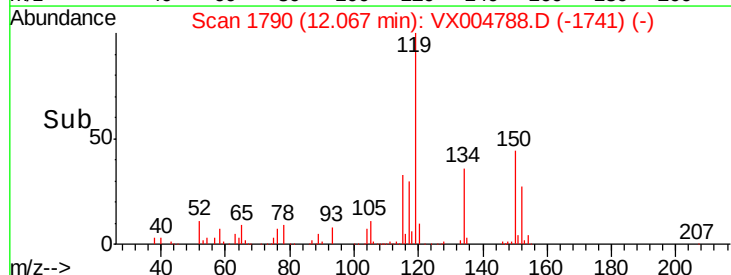
600000

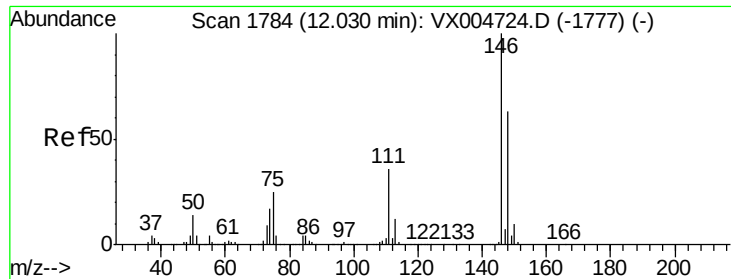
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 53.016 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Instrument :

MSVOA_X

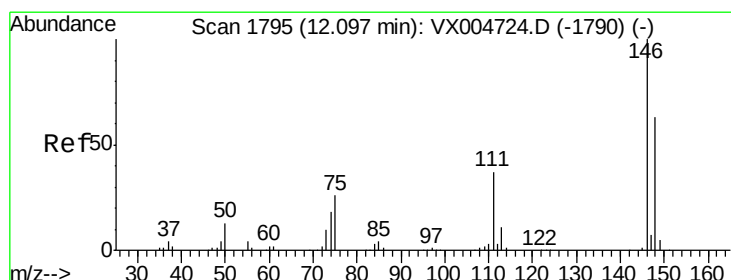
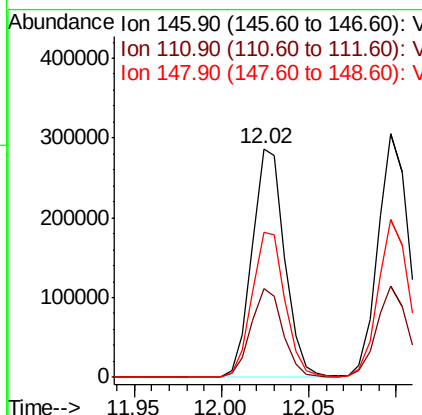
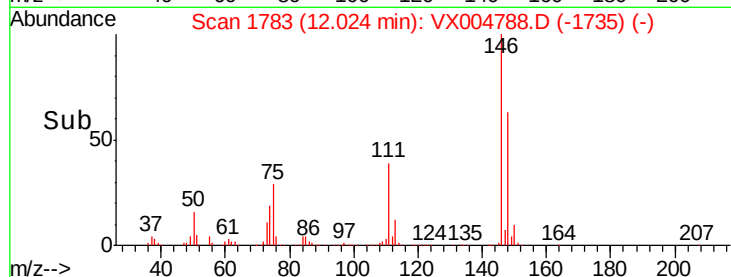
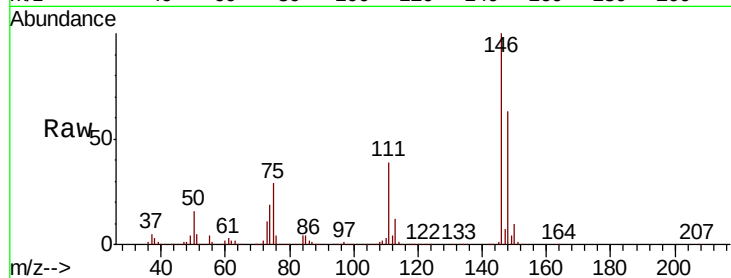
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	371882
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.7	56.1
148	64.1	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#88

1,4-Dichlorobenzene

Concen: 52.001 ug/l

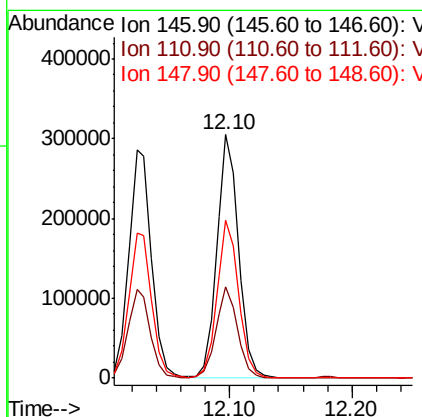
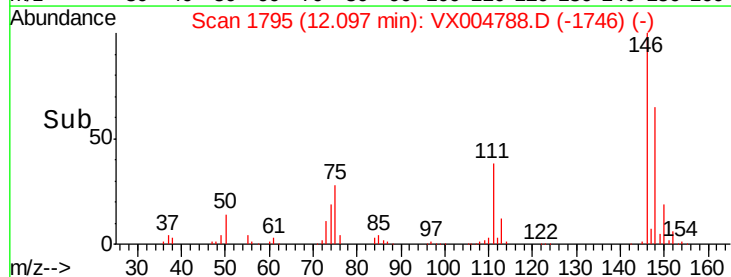
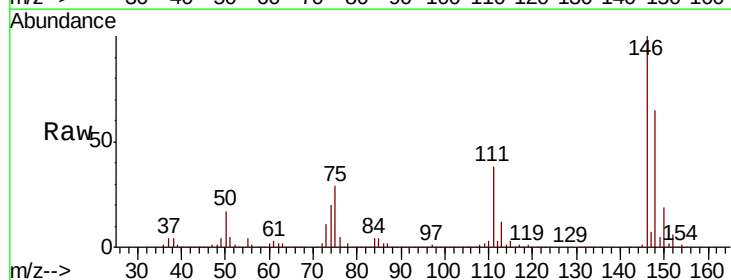
RT: 12.10 min Scan# 1795

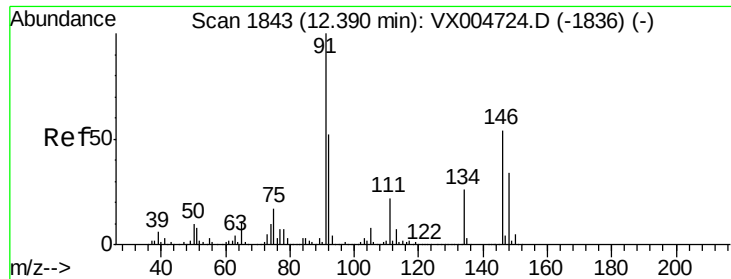
Delta R.T. 0.00 min

Lab File: VX004788.D

Acq: 27 Sep 2018 21:57

Tgt Ion:	146	Resp:	376539
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.1	54.1
148	64.4	32.0	96.0





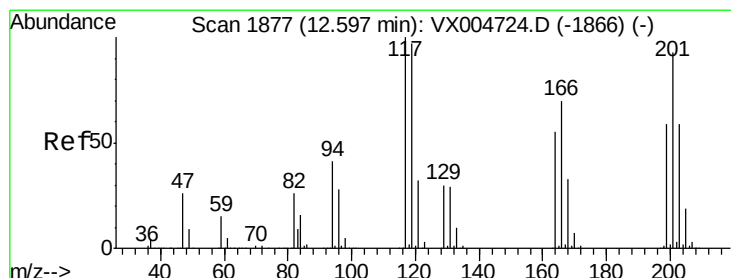
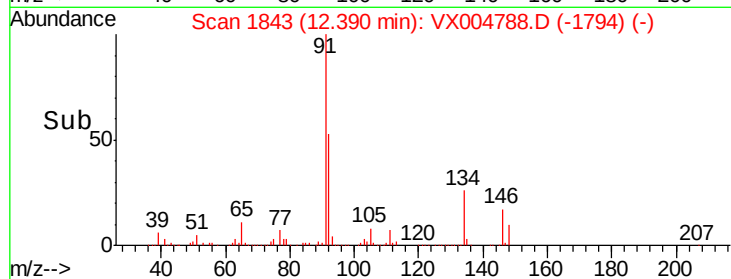
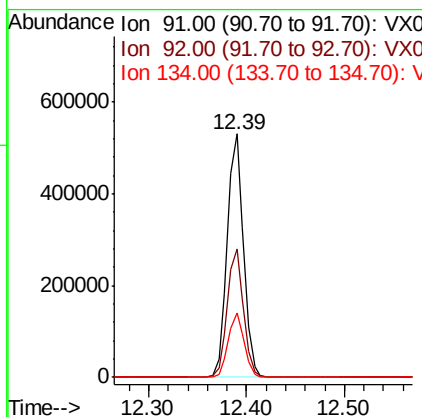
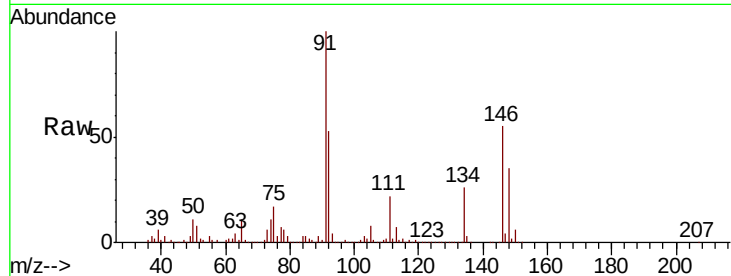
#89
n-Butylbenzene
Concen: 57.194 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	27.3	81.9	
134	26.1	13.6	40.7	

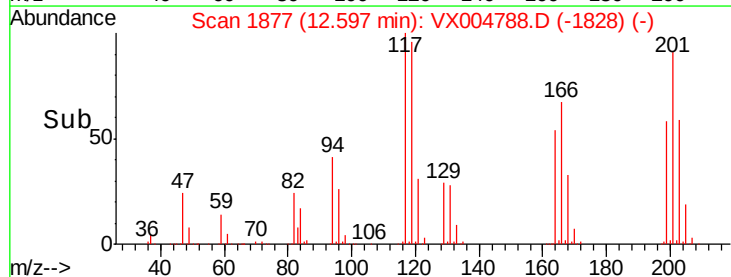
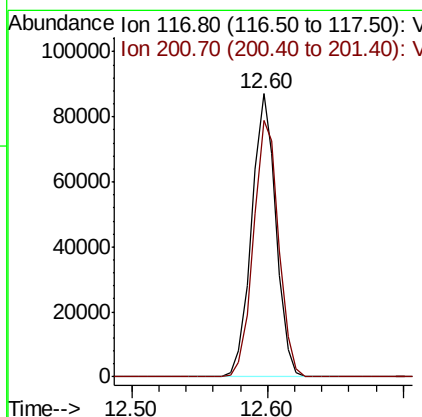
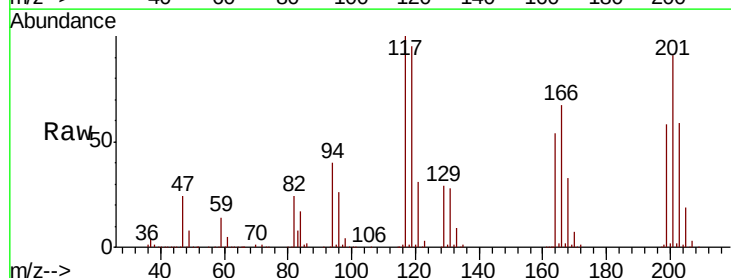
Manual Integrations
APPROVED

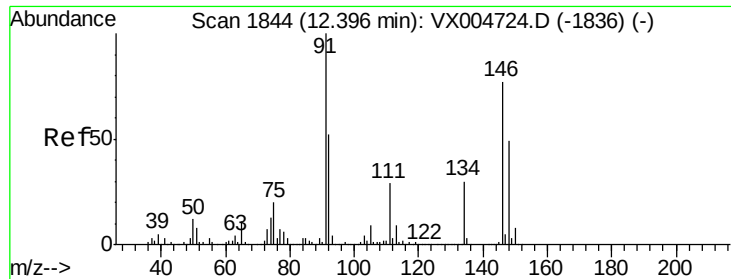
MMDadoda
9/28/2018 2:26:11 PM



#90
Hexachloroethane
Concen: 55.937 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	93.5	46.9	140.6	





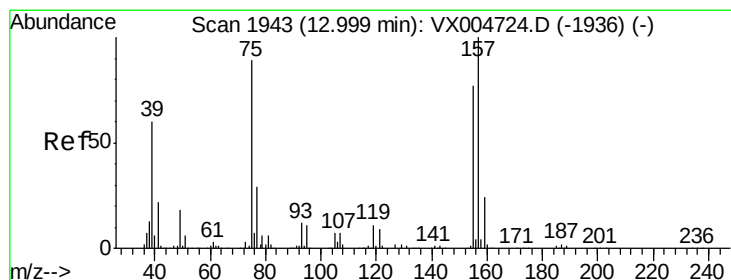
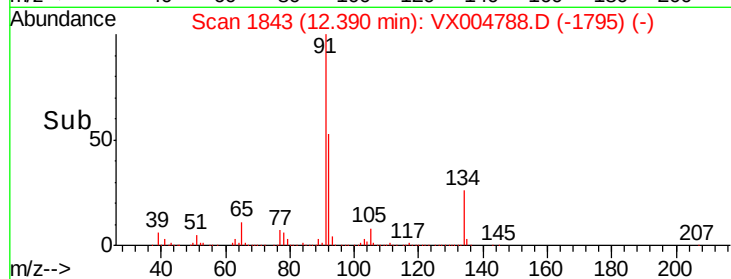
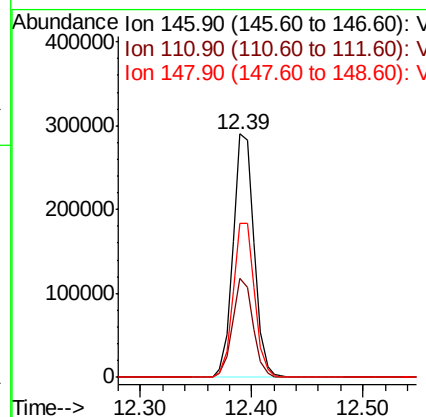
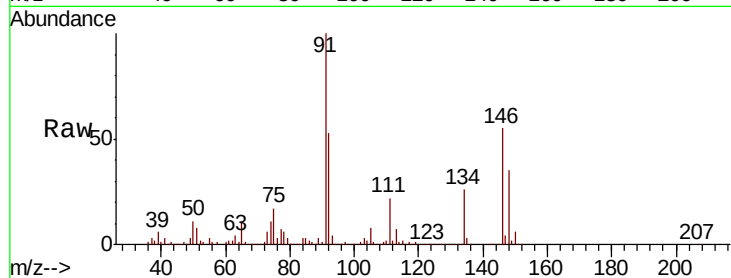
#91
 1,2-Dichlorobenzene
 Concen: 51.467 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.1
148	64.1	32.8	98.3

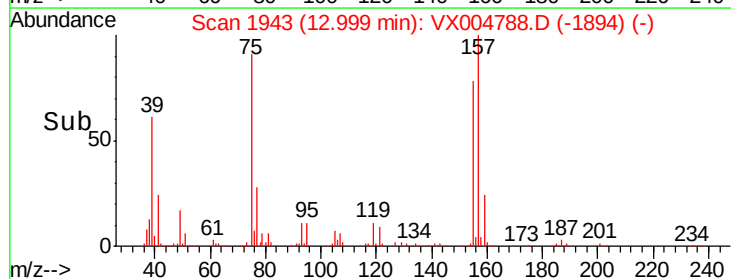
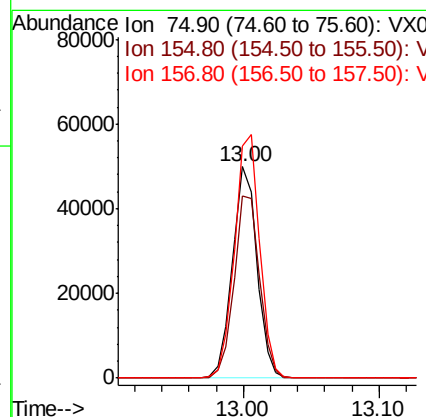
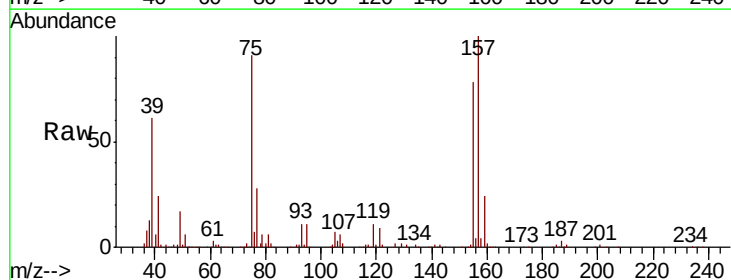
Manual Integrations
 APPROVED

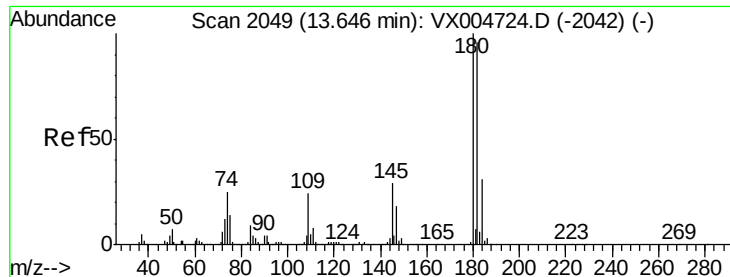
MMDadoda
 9/28/2018 2:26:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.074 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	48.0	144.2
157	117.9	61.4	184.1





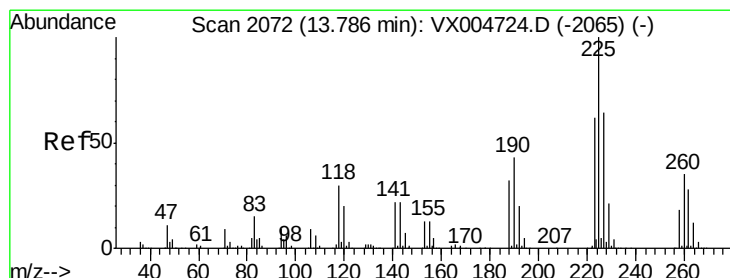
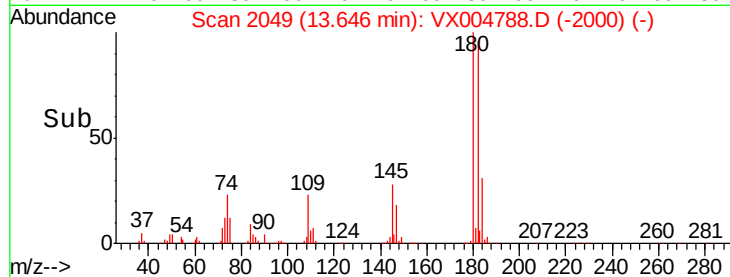
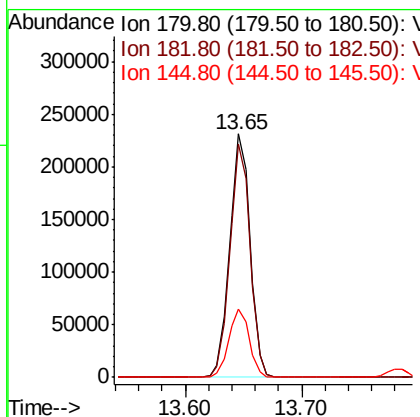
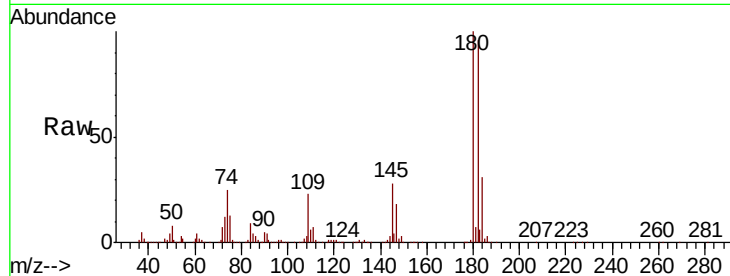
#93
 1,2,4-Trichlorobenzene
 Concen: 54.595 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280737		
182	95.2	48.4	145.0	
145	28.4	14.3	42.9	

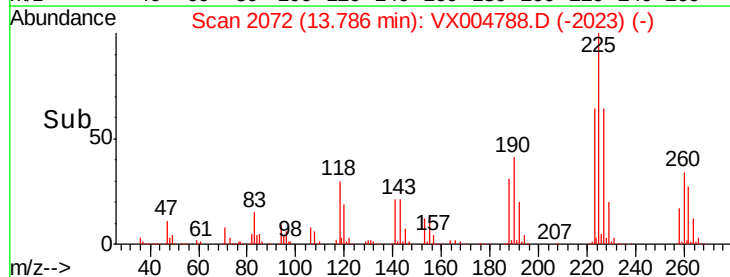
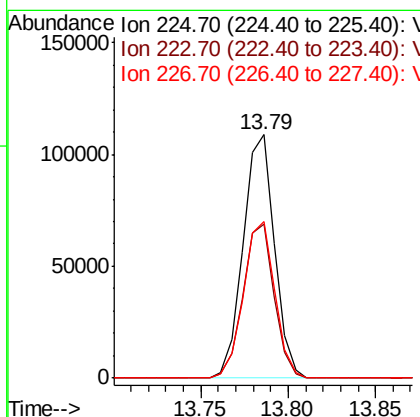
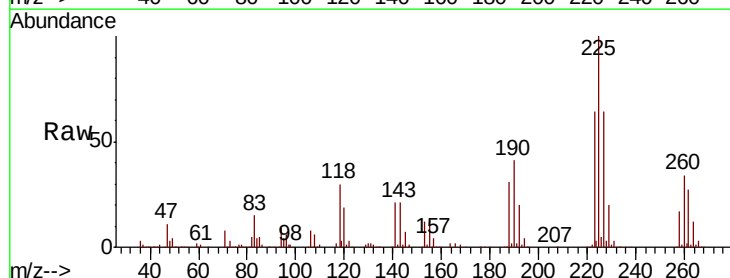
Manual Integrations
 APPROVED

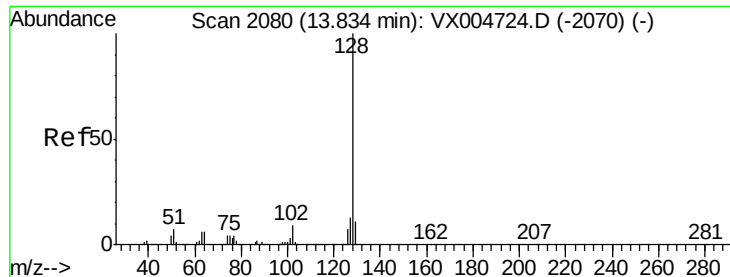
MMDadoda
 9/28/2018 2:26:11 PM



#94
 Hexachlorobutadiene
 Concen: 50.677 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004788.D
 Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135130		
223	62.7	30.1	90.5	
227	64.3	30.8	92.4	





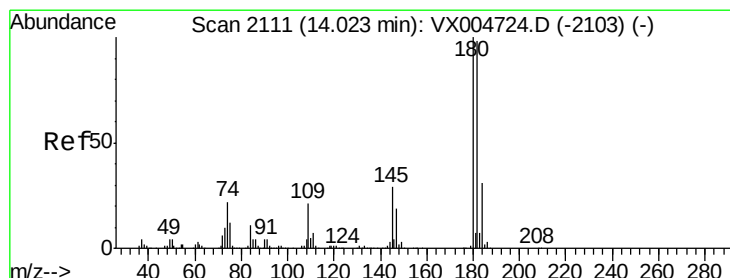
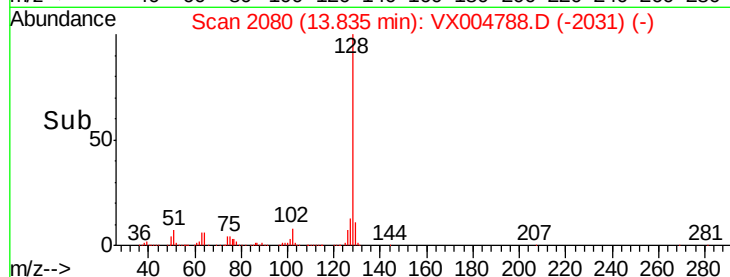
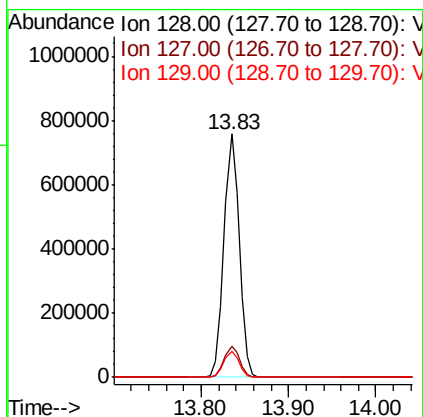
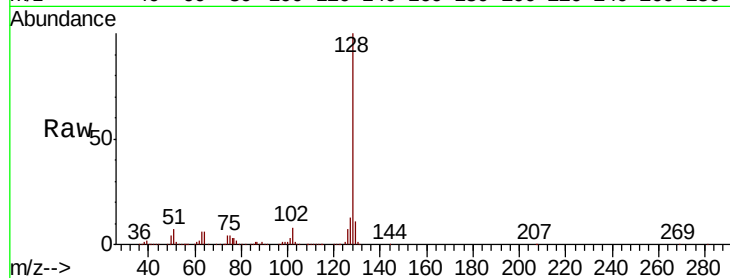
#95
Naphthalene
Concen: 53.261 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/28/2018 2:26:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.361 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004788.D
Acq: 27 Sep 2018 21:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.6
145	29.8	14.9	44.9

