

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011079.D
 Acq On : 26 Jul 2019 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:49 AM

Quant Time: Jul 27 02:15:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	216487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	158927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105125	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.49	113	96197	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.71	98	356970	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	138333	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	106669	46.250	ug/l	98
3) Chloromethane	1.32	50	94298	47.367	ug/l	98
4) Vinyl Chloride	1.41	62	98849	48.679	ug/l	100
5) Bromomethane	1.64	94	52011	45.452	ug/l	99
6) Chloroethane	1.71	64	62851	48.705	ug/l	99
7) Trichlorofluoromethane	1.92	101	171140	49.789	ug/l	100
8) Diethyl Ether	2.19	74	56667	47.848	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100061	50.983	ug/l	98
10) Methyl Iodide	2.51	142	123886	48.101	ug/l	99
11) Tert butyl alcohol	3.05	59	114065	212.662	ug/l	100
12) 1,1-Dichloroethene	2.37	96	93758	48.622	ug/l	98
13) Acrolein	2.29	56	56948	183.765	ug/l	99
14) Allyl chloride	2.72	41	139347	49.750	ug/l	100
15) Acrylonitrile	3.14	53	255571	235.803	ug/l	100
16) Acetone	2.44	43	271905	261.400	ug/l	98
17) Carbon Disulfide	2.57	76	213896	43.243	ug/l	100
18) Methyl Acetate	2.77	43	116692	49.268	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	311971	50.256	ug/l	98
20) Methylene Chloride	2.85	84	106426	48.279	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	97239	47.526	ug/l	98
22) Diisopropyl ether	3.85	45	292658	49.541	ug/l	99
23) Vinyl Acetate	3.81	43	1253257	250.388	ug/l	100
24) 1,1-Dichloroethane	3.70	63	167554	48.839	ug/l	99
25) 2-Butanone	4.67	43	363670	243.555	ug/l	98
26) 2,2-Dichloropropane	4.57	77	146011	51.834	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	115014	48.572	ug/l	100
28) Bromochloromethane	5.01	49	76668	47.423	ug/l	99
29) Tetrahydrofuran	5.12	42	216149	228.527	ug/l	100
30) Chloroform	5.21	83	182739	49.280	ug/l	99
31) Cyclohexane	5.57	56	148225	47.401	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	163595	50.993	ug/l	99
36) 1,1-Dichloropropene	5.79	75	130715	50.769	ug/l	100
37) Ethyl Acetate	4.83	43	129069	48.957	ug/l	99
38) Carbon Tetrachloride	5.78	117	144574	53.887	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011079.D
 Acq On : 26 Jul 2019 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:49 AM

Quant Time: Jul 27 02:15:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168042	50.329	ug/l	99
40) Benzene	6.13	78	398836	50.570	ug/l	99
41) Methacrylonitrile	5.04	41	72518	48.454	ug/l	98
42) 1,2-Dichloroethane	6.19	62	142033	51.795	ug/l	99
43) Isopropyl Acetate	6.44	43	218406	50.381	ug/l	98
44) Trichloroethene	7.21	130	117981	50.537	ug/l	93
45) 1,2-Dichloropropane	7.51	63	102465	51.045	ug/l	97
46) Dibromomethane	7.66	93	75619	52.719	ug/l	97
47) Bromodichloromethane	7.90	83	139505	54.637	ug/l	96
48) Methyl methacrylate	7.77	41	106582	50.469	ug/l	98
49) 1,4-Dioxane	7.74	88	54380	920.562	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	712136	253.416	ug/l	100
52) Toluene	8.78	92	262784	50.720	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	152281	55.466	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166180	54.397	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	111628	52.327	ug/l	96
56) Ethyl methacrylate	9.18	69	168442	53.979	ug/l	100
57) 1,3-Dichloropropane	9.37	76	175285	51.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	390866	262.396	ug/l	99
59) 2-Hexanone	9.49	43	557624	255.838	ug/l	99
60) Dibromochloromethane	9.58	129	123257	50.193	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117077	51.713	ug/l	98
64) Tetrachloroethene	9.33	164	116249	51.462	ug/l	97
65) Chlorobenzene	10.13	112	303206	51.410	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	113765	54.885	ug/l	98
67) Ethyl Benzene	10.25	91	530116	52.807	ug/l	100
68) m/p-Xylenes	10.35	106	408367	106.048	ug/l	99
69) o-Xylene	10.69	106	197709	52.608	ug/l	100
70) Styrene	10.71	104	342100	54.606	ug/l	99
71) Bromoform	10.85	173	93198	49.413	ug/l #	99
73) Isopropylbenzene	11.02	105	542694	50.536	ug/l	100
74) N-amyl acetate	10.90	43	204909	49.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170816	48.606	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145486m	50.729	ug/l	
77) Bromobenzene	11.25	156	146875	49.585	ug/l	100
78) n-propylbenzene	11.36	91	622582	52.470	ug/l	99
79) 2-Chlorotoluene	11.42	91	364329	51.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464774	51.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53315	47.330	ug/l	99
82) 4-Chlorotoluene	11.51	91	427383	51.517	ug/l	99
83) tert-Butylbenzene	11.77	119	457025	51.852	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	467166	51.654	ug/l	100
85) sec-Butylbenzene	11.94	105	547538	53.017	ug/l	100
86) p-Isopropyltoluene	12.06	119	512975	53.726	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	265081	51.567	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	263761	50.030	ug/l	99
89) n-Butylbenzene	12.38	91	452118	55.349	ug/l	100
90) Hexachloroethane	12.59	117	82309	54.656	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	257419	50.528	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37090	50.490	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
Data File : VX011079.D
Acq On : 26 Jul 2019 10:15
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

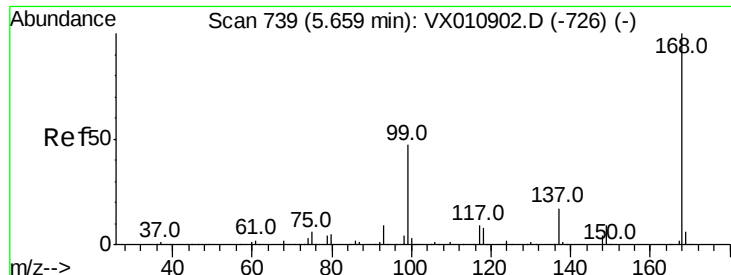
Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM

Quant Time: Jul 27 02:15:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	187788	54.389	ug/l	98
94) Hexachlorobutadiene	13.78	225	92341	53.970	ug/l	100
95) Naphthalene	13.83	128	555276	54.463	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184841	53.805	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 216487

Ion Ratio Lower Upper

168 100

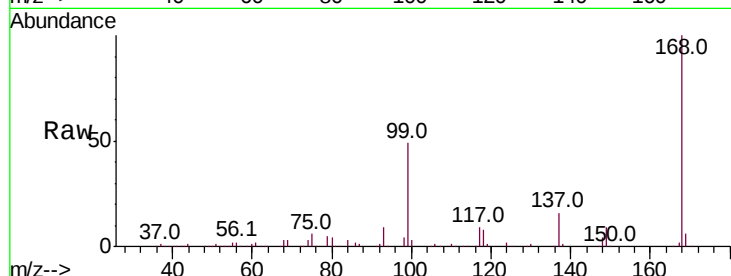
99 48.6 37.6 56.4

Manual Integrations

APPROVED

MMDadoda

7/29/2019 11:53:49 AM

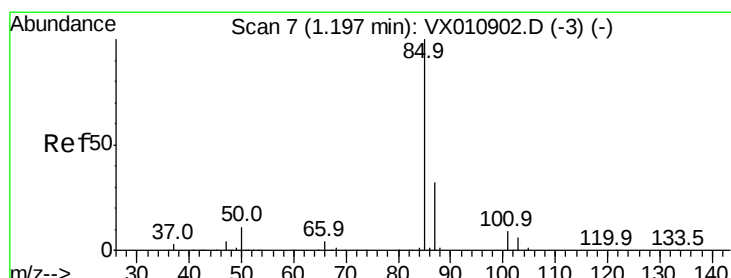
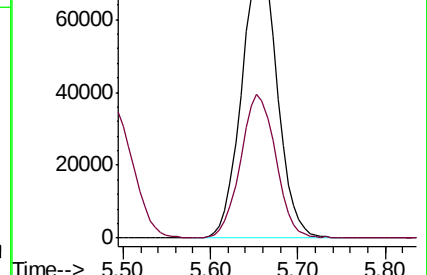
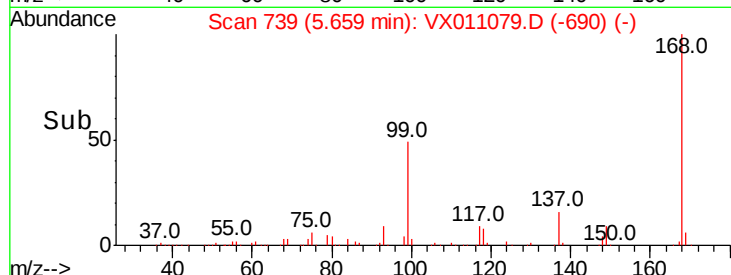


Abundance Ion 167.90 (167.60 to 168.60): VX011079.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX011079.D (-690) (-)

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 46.250 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011079.D

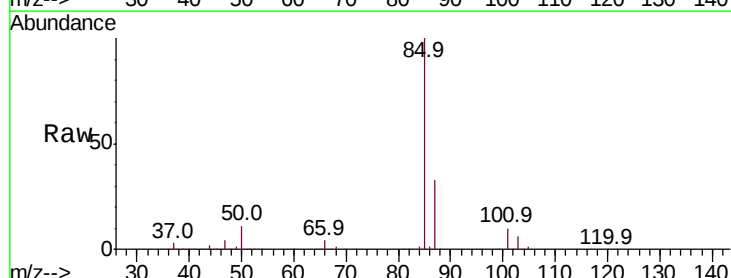
Acq: 26 Jul 2019 10:15

Tgt Ion: 85 Resp: 106669

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7

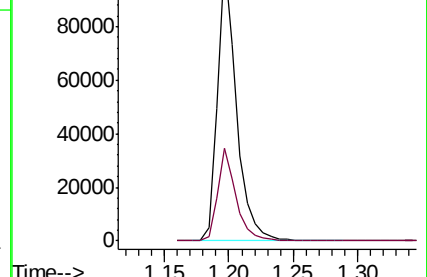
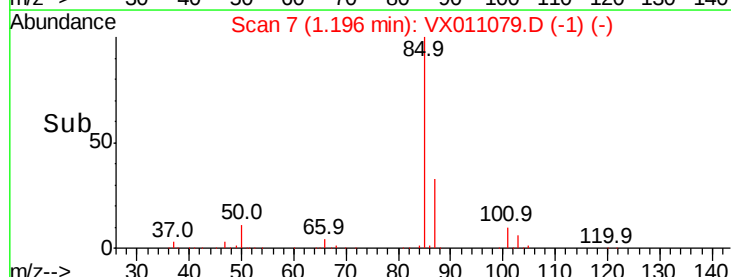


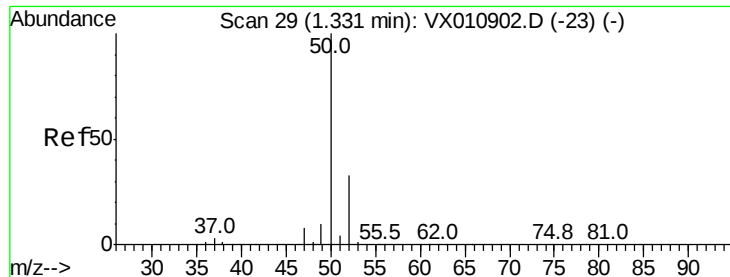
Abundance Ion 84.90 (84.60 to 85.60): VX011079.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX011079.D (-1) (-)

1.20

Time-->





#3

Chloromethane

Concen: 47.367 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 94298

Ion Ratio Lower Upper

50 100

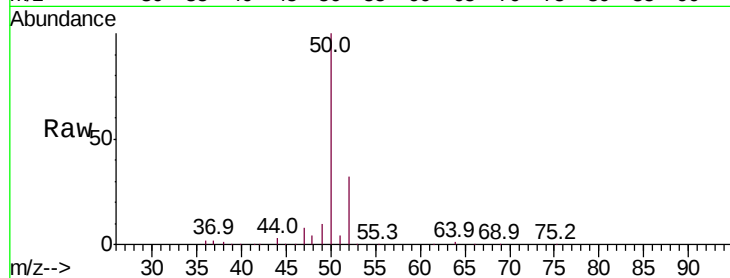
52 31.9 26.4 39.6

Manual Integrations

APPROVED

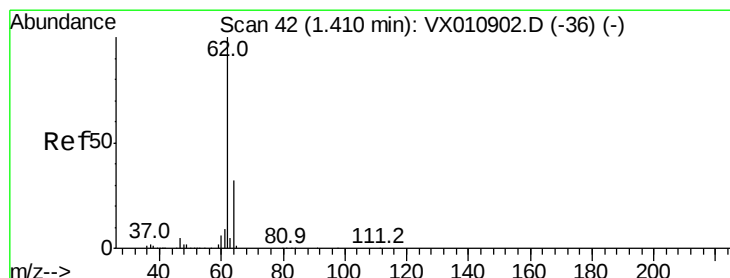
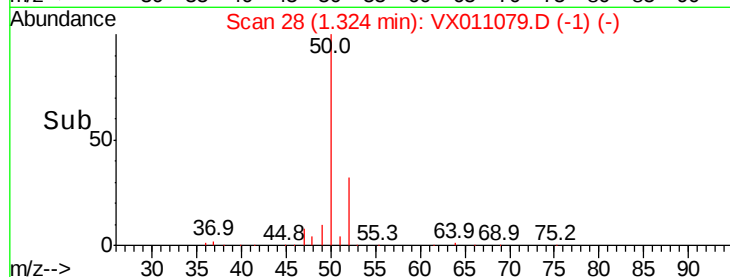
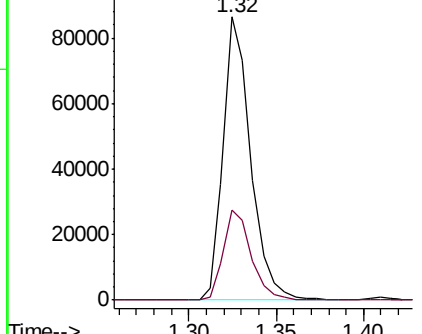
MMDadoda

7/29/2019 11:53:49 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.679 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011079.D

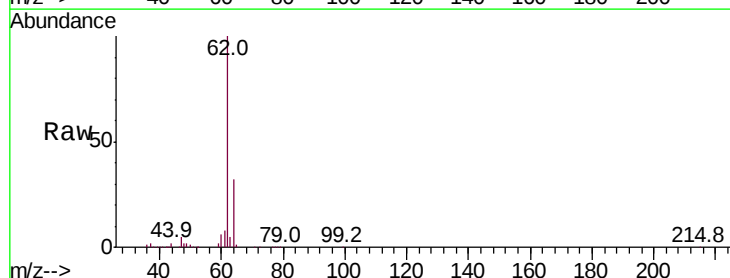
Acq: 26 Jul 2019 10:15

Tgt Ion: 62 Resp: 98849

Ion Ratio Lower Upper

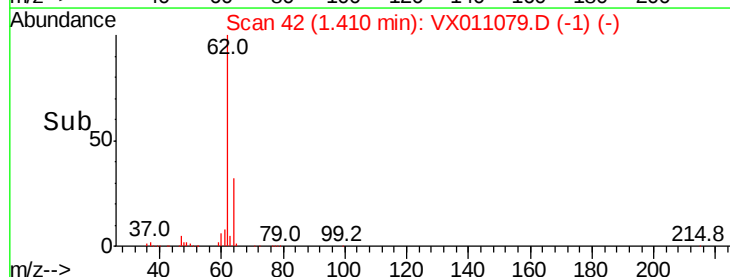
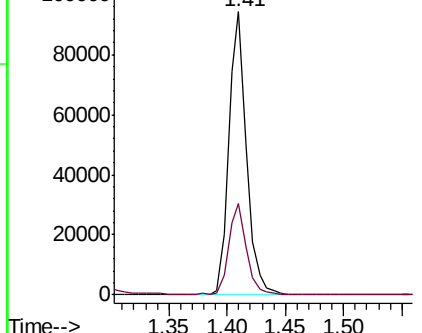
62 100

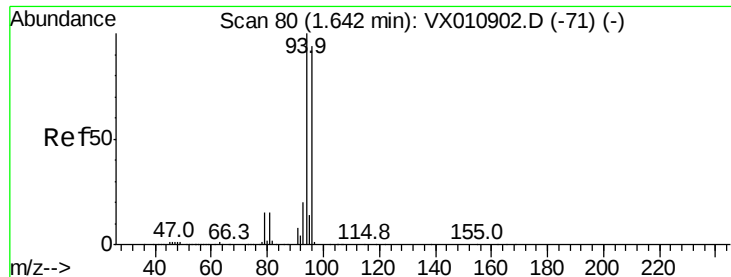
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.452 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 52011

Ion Ratio Lower Upper

94 100

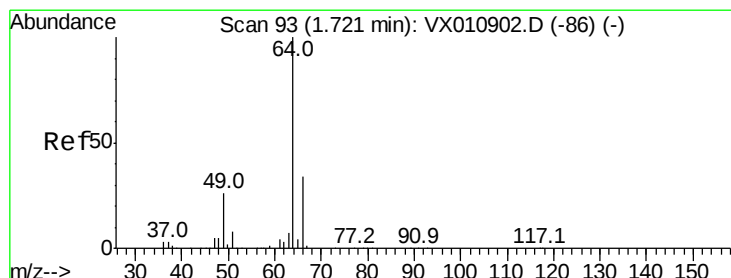
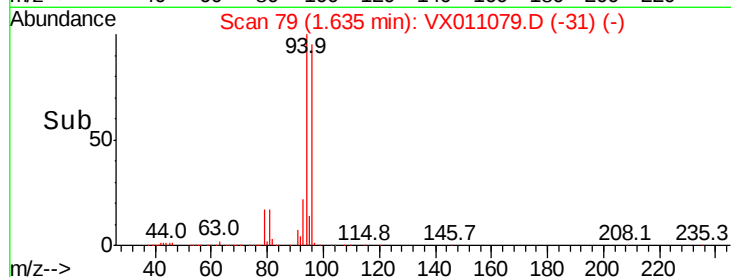
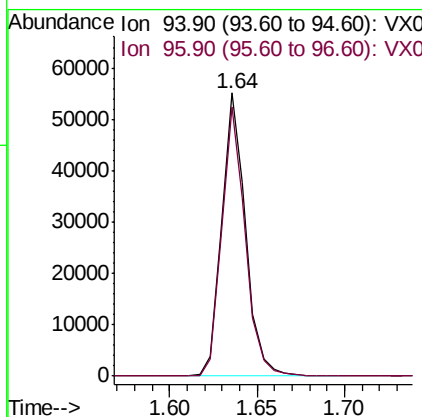
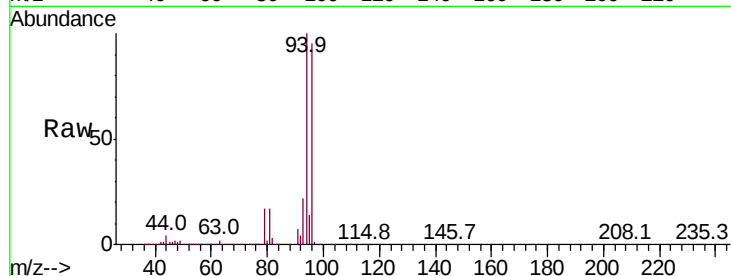
96 95.4 75.6 113.4

Manual Integrations

APPROVED

MMDadoda

7/29/2019 11:53:49 AM



#6

Chloroethane

Concen: 48.705 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011079.D

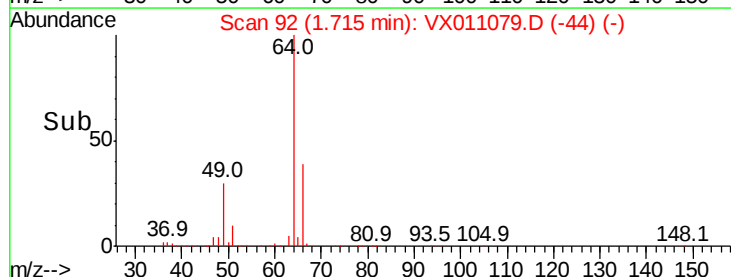
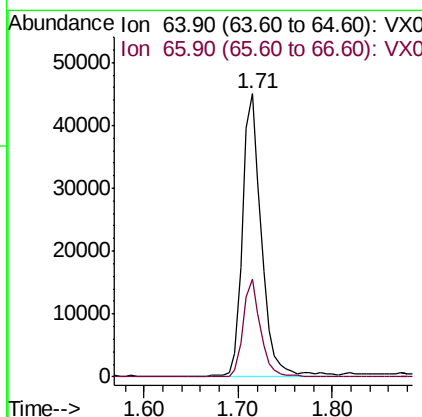
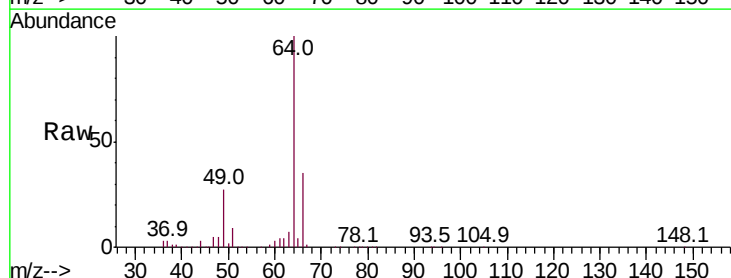
Acq: 26 Jul 2019 10:15

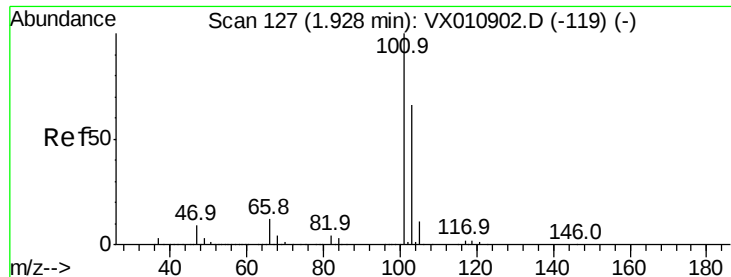
Tgt Ion: 64 Resp: 62851

Ion Ratio Lower Upper

64 100

66 34.5 27.0 40.6





#7

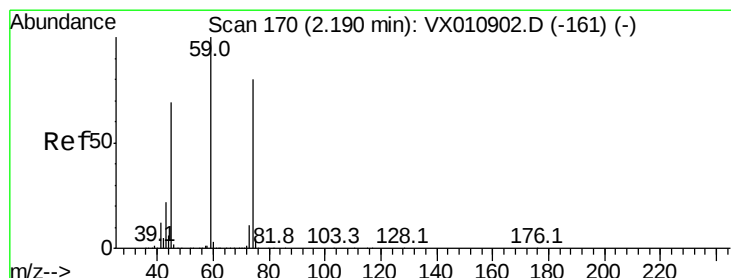
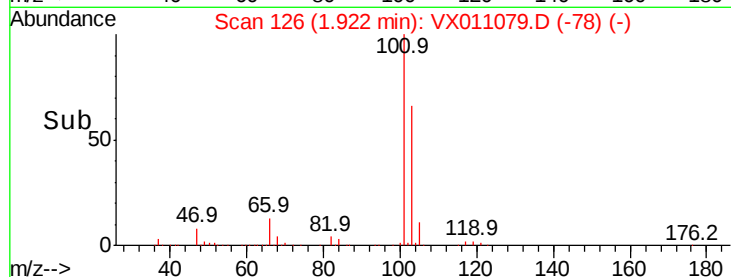
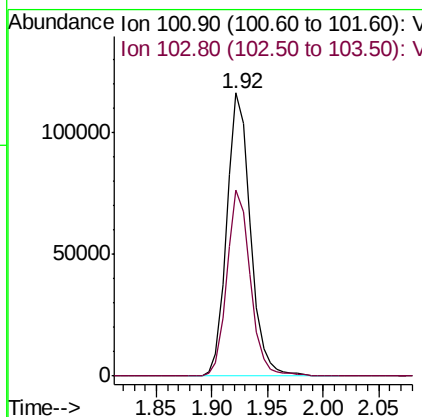
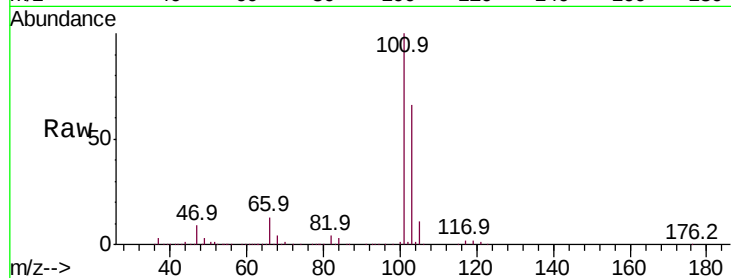
Trichlorofluoromethane
Concen: 49.789 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	171140		
103	65.9	52.6	78.8	

Manual Integrations
APPROVED

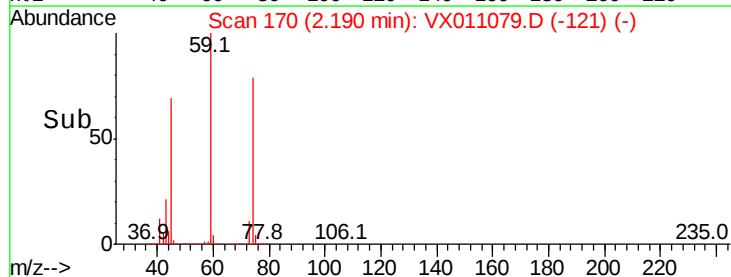
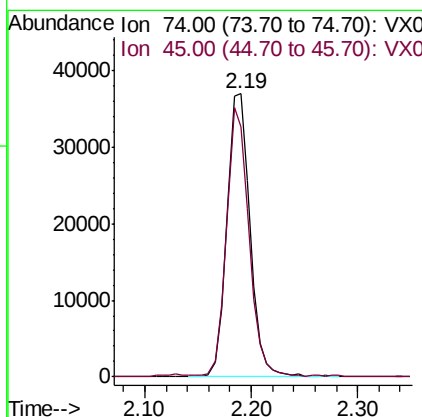
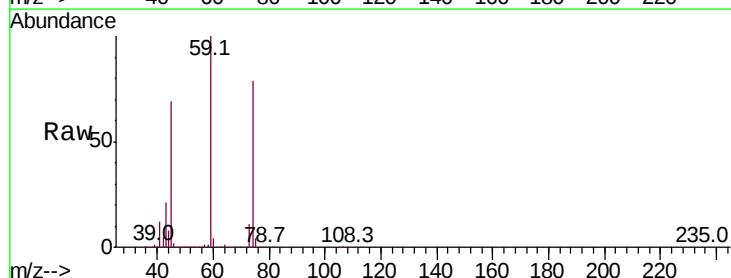
MMDadoda
7/29/2019 11:53:49 AM

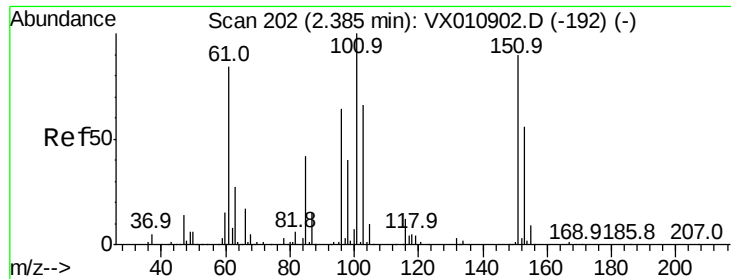


#8

Diethyl Ether
Concen: 47.848 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	56667		
45	90.9	45.5	136.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.983 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

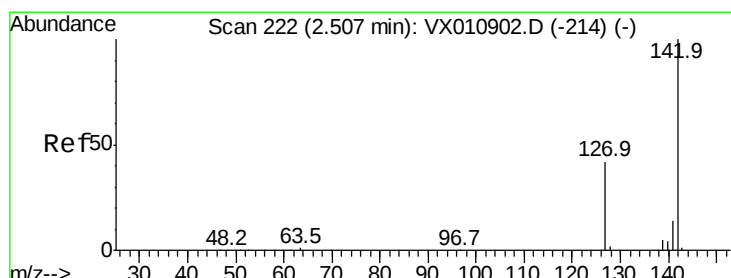
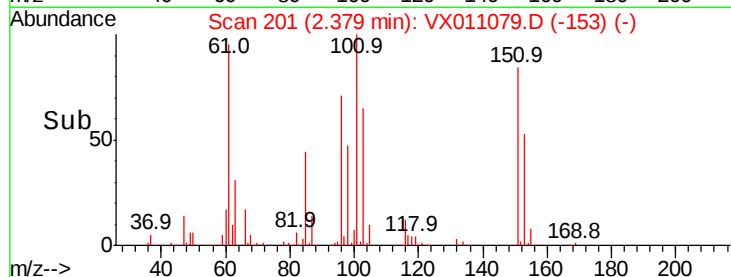
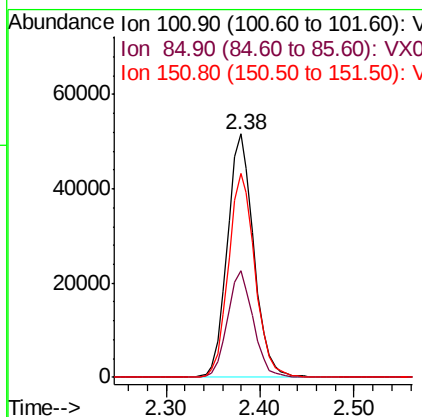
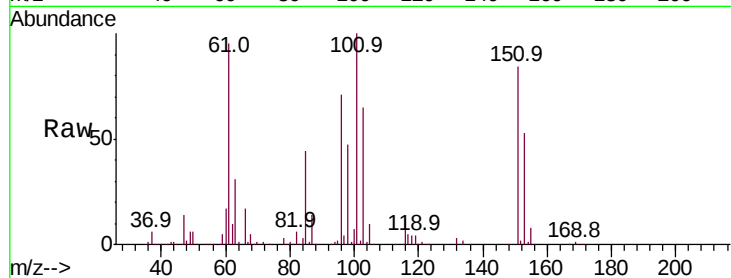
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	100061
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.6	52.0
151	84.2	69.6	104.4

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#10

Methyl Iodide

Concen: 48.101 ug/l

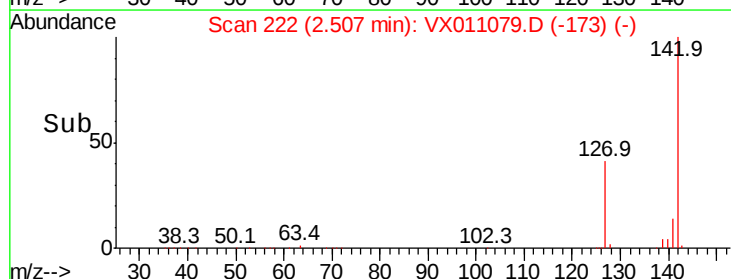
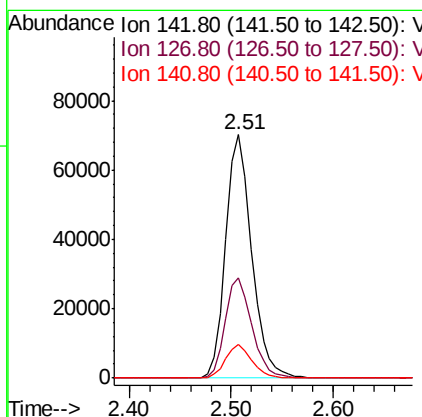
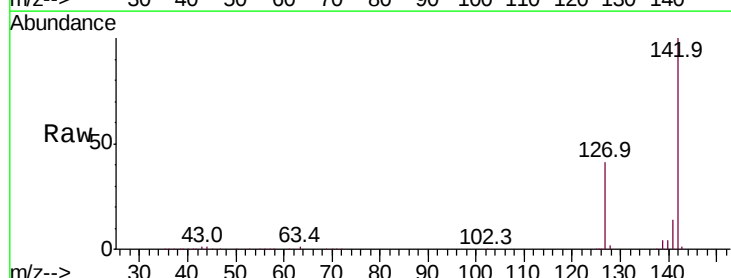
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion:	142	Resp:	123886
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.2	51.4
141	14.0	11.7	17.5





#11

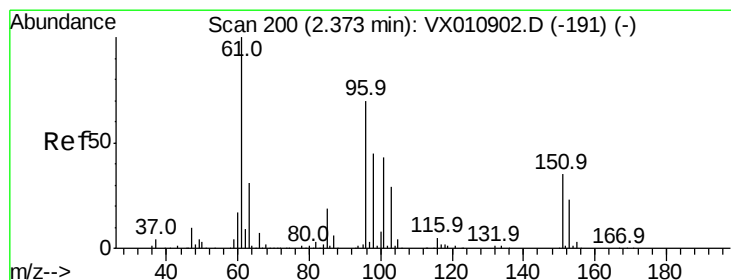
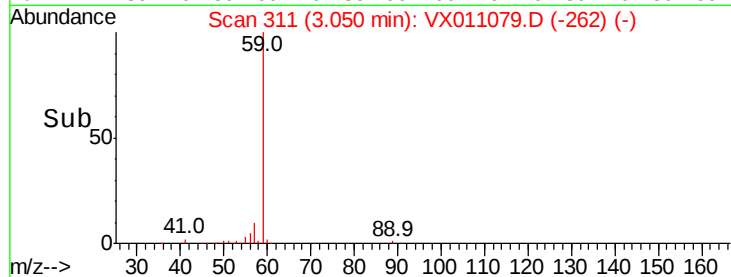
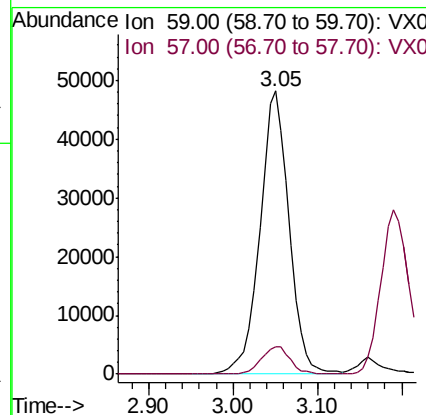
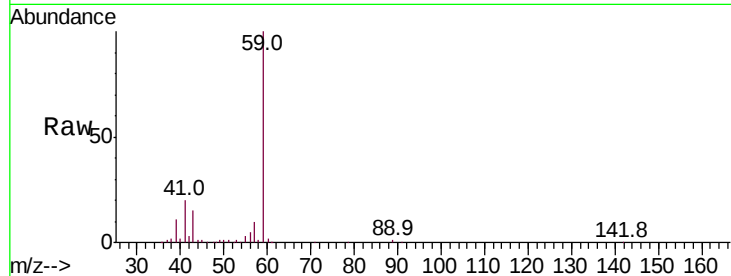
Tert butyl alcohol
Concen: 212.662 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.9	11.9

Manual Integrations
APPROVED

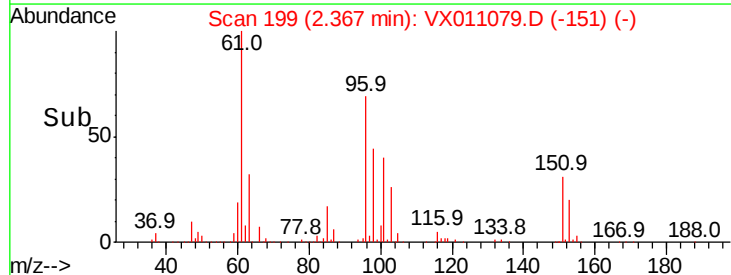
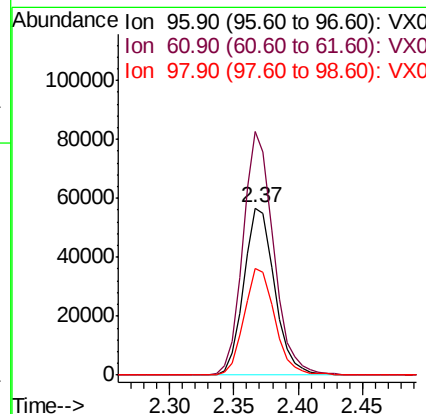
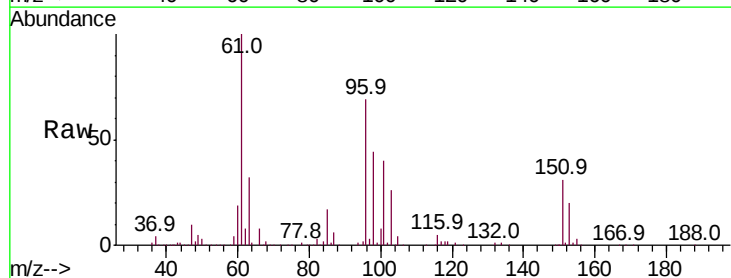
MMDadoda
7/29/2019 11:53:49 AM

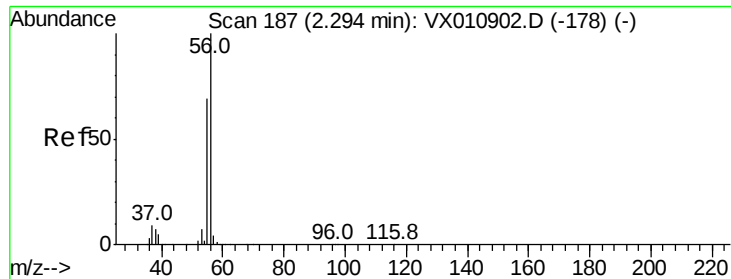


#12

1,1-Dichloroethene
Concen: 48.622 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.7	115.0	172.4
98	64.1	52.2	78.2





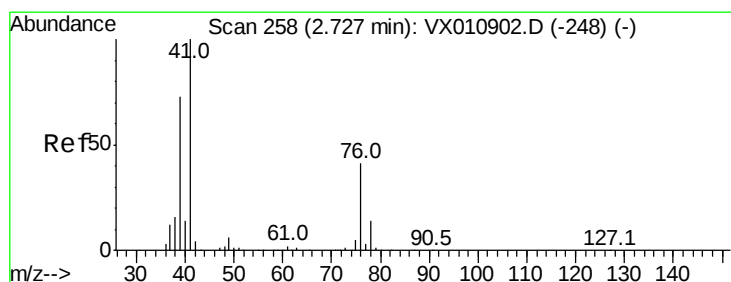
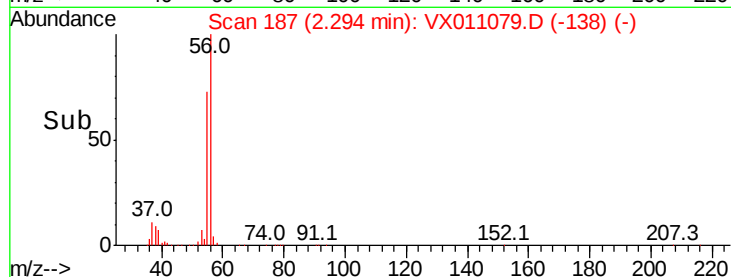
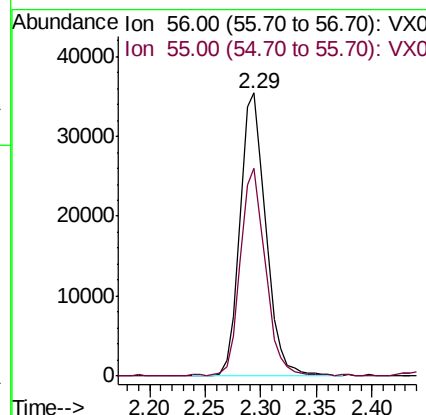
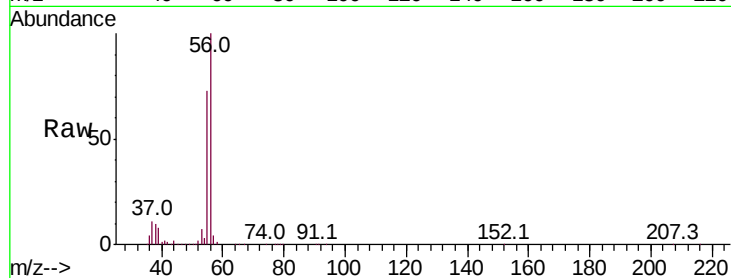
#13
Acrolein
Concen: 183.765 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 56948
Ion Ratio Lower Upper
56 100
55 71.0 55.9 83.9

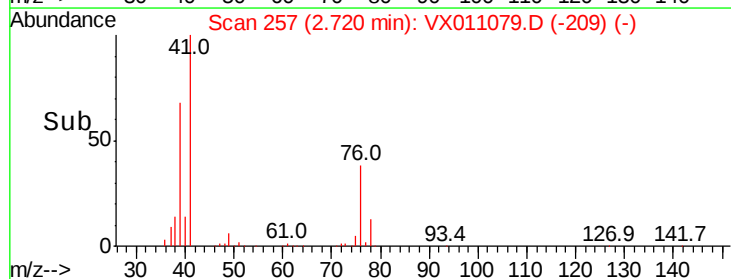
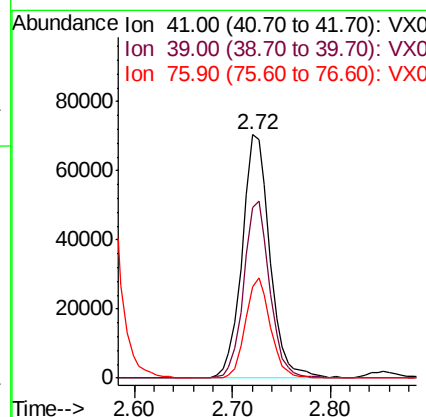
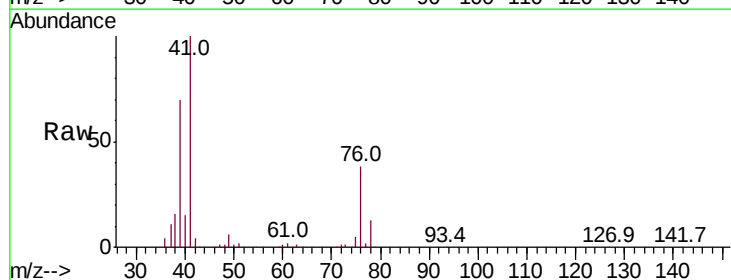
Manual Integrations
APPROVED

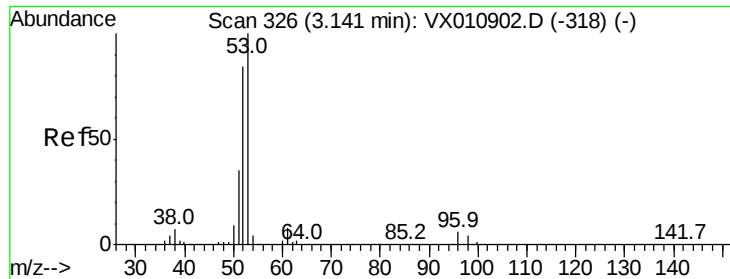
MMDadoda
7/29/2019 11:53:49 AM



#14
Allyl chloride
Concen: 49.750 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 41 Resp: 139347
Ion Ratio Lower Upper
41 100
39 67.3 53.6 80.4
76 37.2 29.7 44.5





#15

Acrylonitrile

Concen: 235.803 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

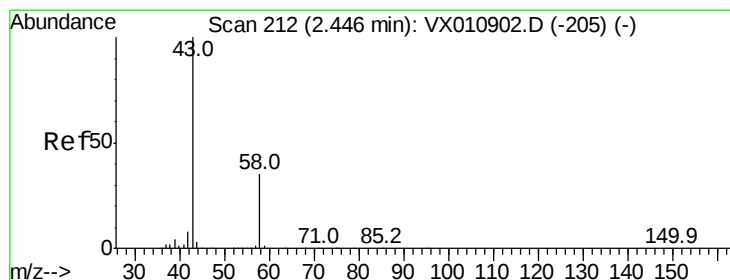
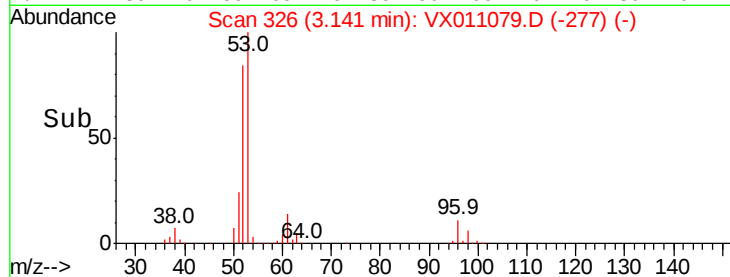
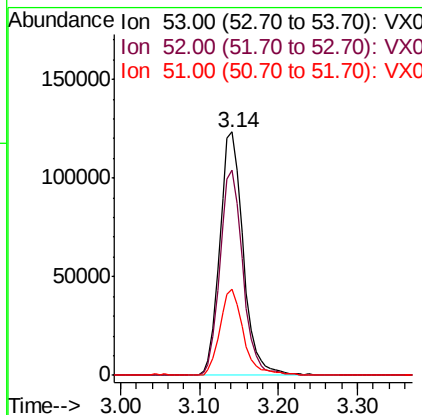
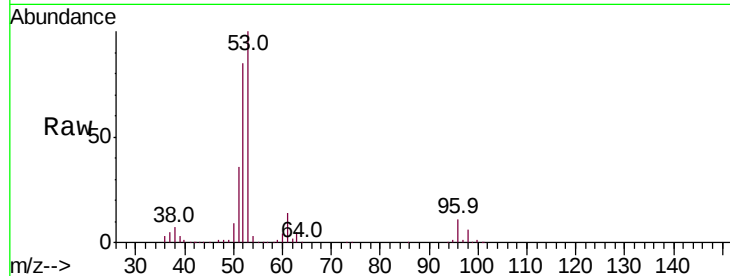
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	255571
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	35.7	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#16

Acetone

Concen: 261.400 ug/l

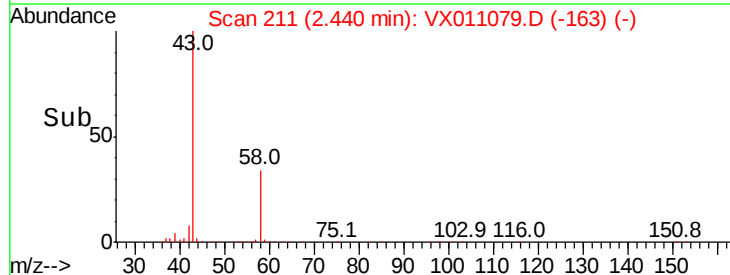
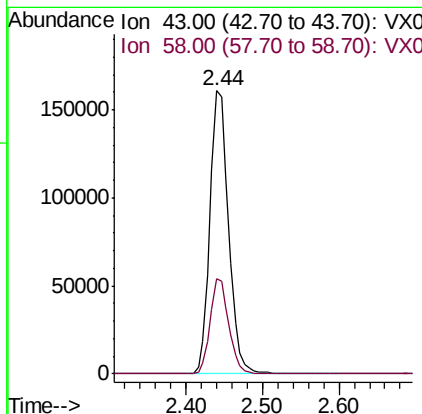
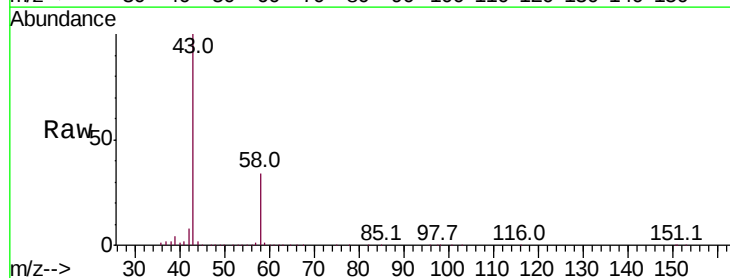
RT: 2.44 min Scan# 211

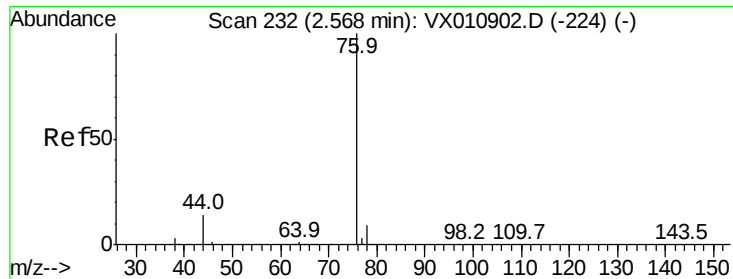
Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion:	43	Resp:	271905
Ion Ratio	Lower	Upper	
43	100		
58	33.6	27.7	41.5





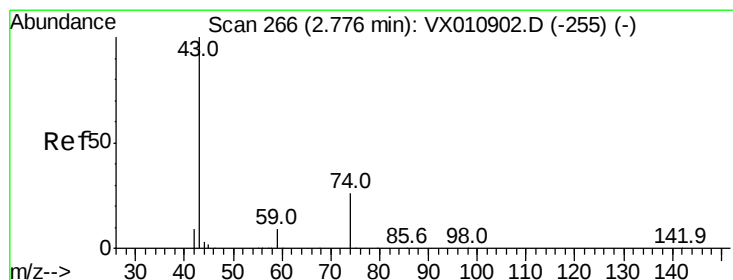
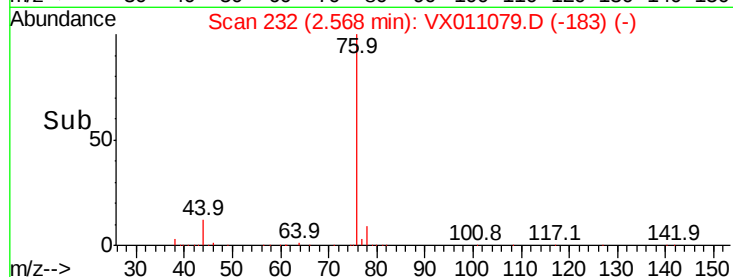
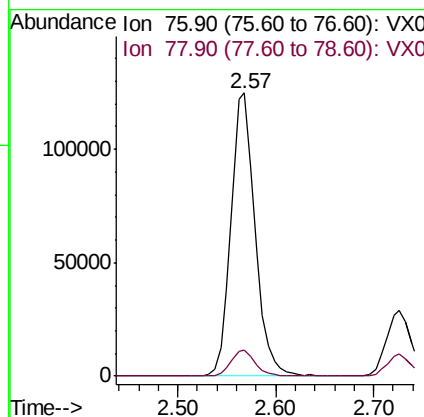
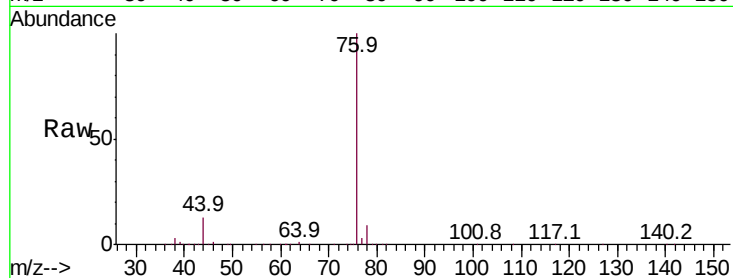
#17
Carbon Disulfide
Concen: 43.243 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

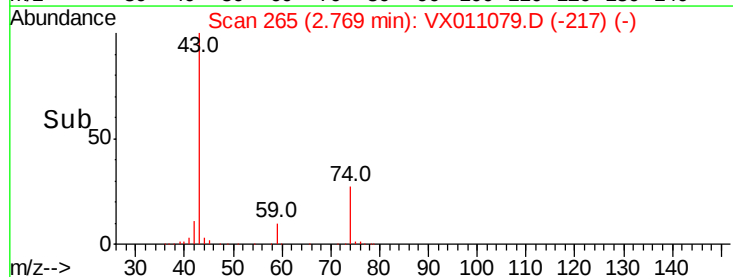
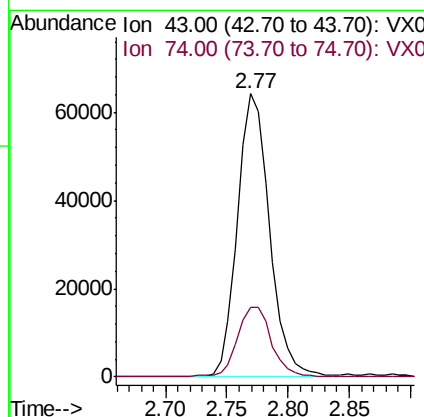
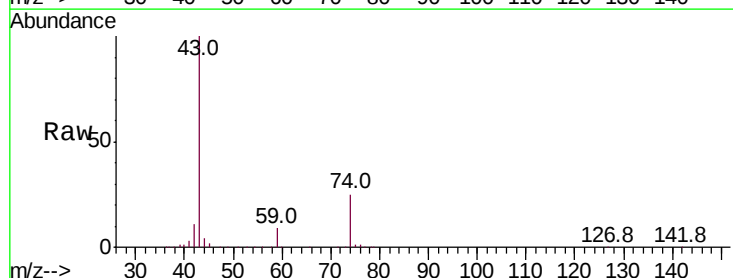
Manual Integrations
APPROVED

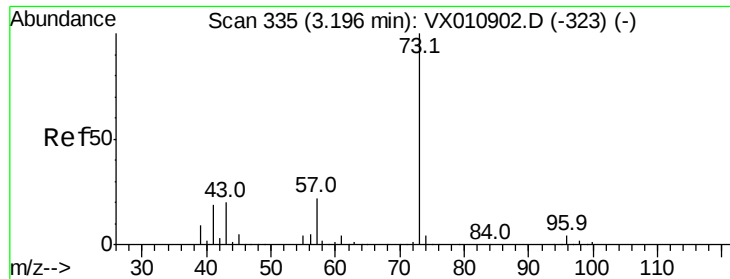
MMDadoda
7/29/2019 11:53:49 AM



#18
Methyl Acetate
Concen: 49.268 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.5	32.3





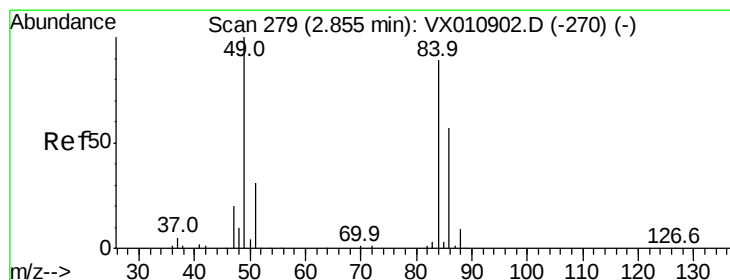
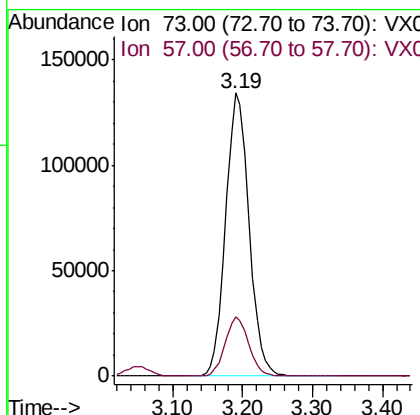
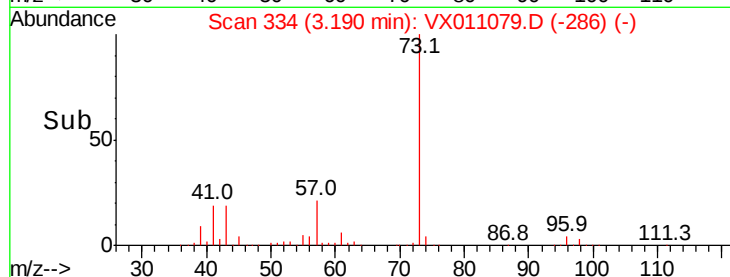
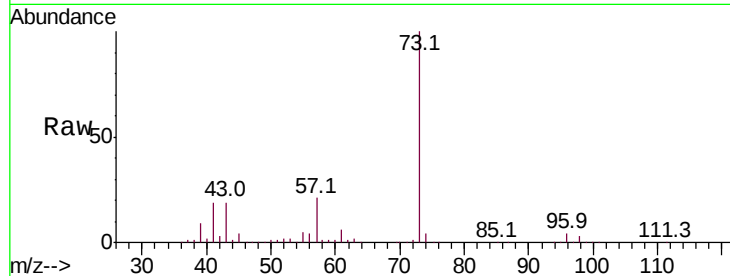
#19
Methyl tert-butyl Ether
Concen: 50.256 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 311971
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

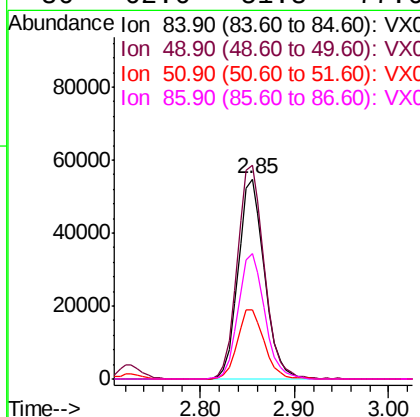
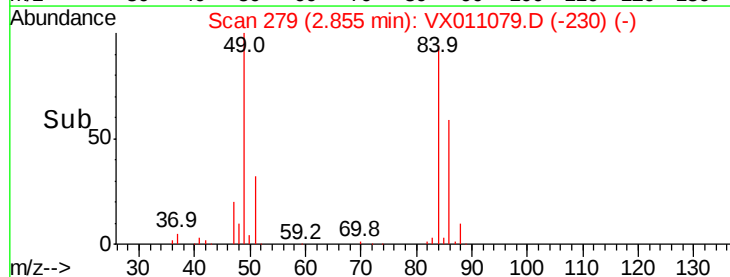
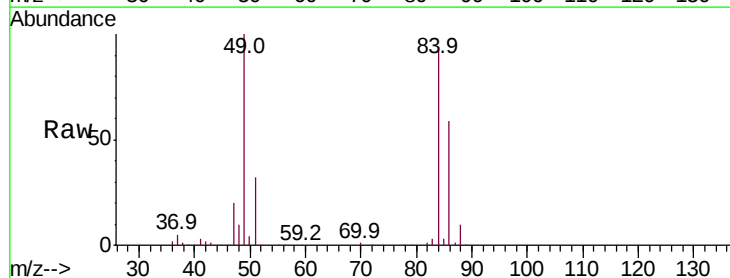
Manual Integrations
APPROVED

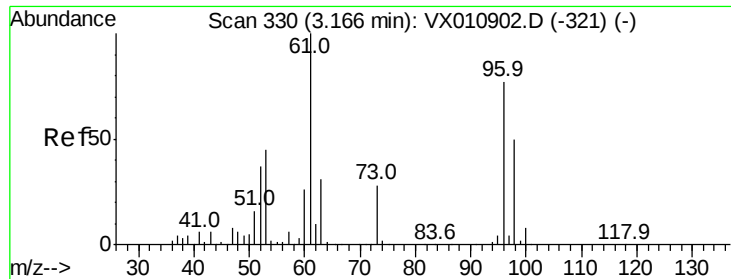
MMDadoda
7/29/2019 11:53:49 AM



#20
Methylene Chloride
Concen: 48.279 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 84 Resp: 106426
Ion Ratio Lower Upper
84 100
49 106.6 89.9 134.9
51 34.4 27.8 41.6
86 62.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.526 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 97239

Ion Ratio Lower Upper

96 100

61 132.7 104.2 156.2

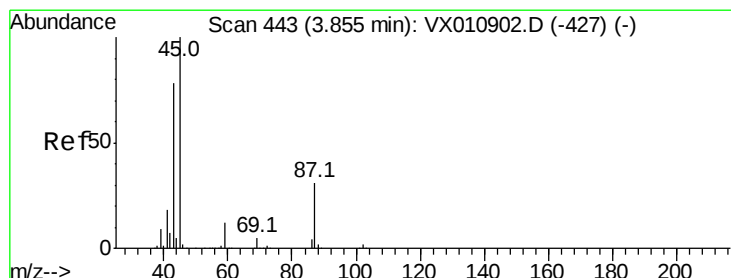
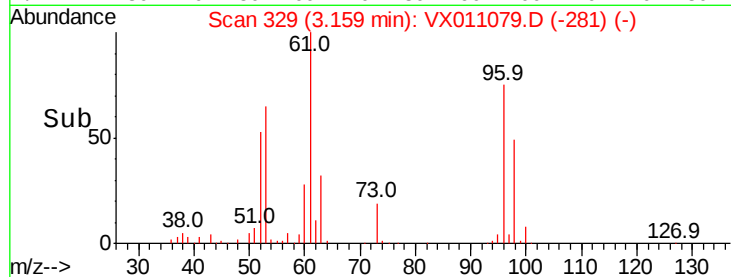
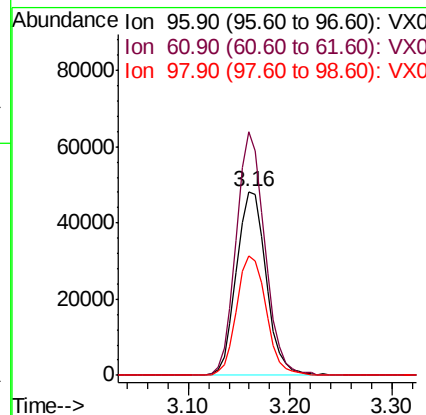
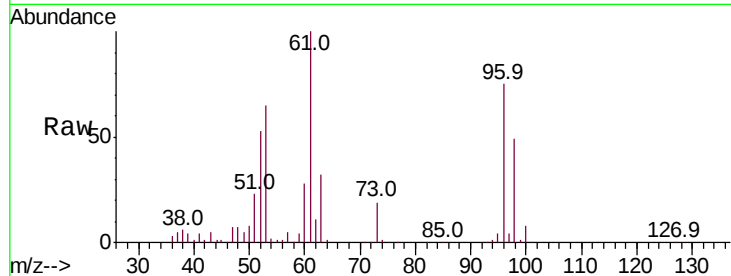
98 64.8 52.2 78.4

Manual Integrations

APPROVED

MMDadoda

7/29/2019 11:53:49 AM



#22

Diisopropyl ether

Concen: 49.541 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion: 45 Resp: 292658

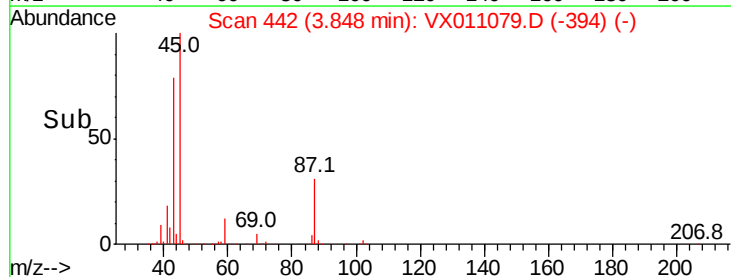
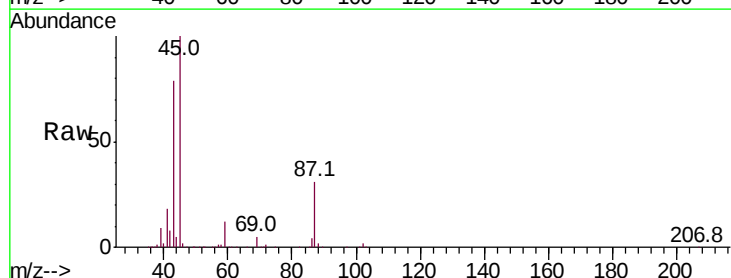
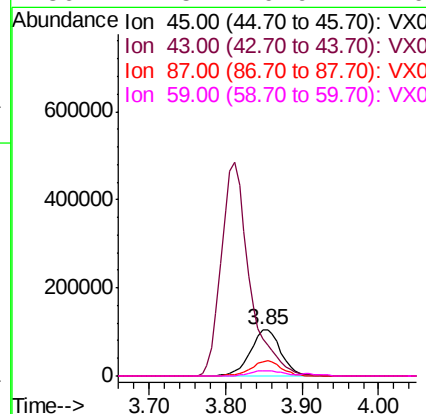
Ion Ratio Lower Upper

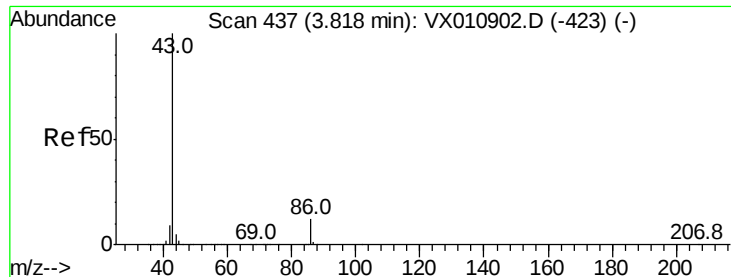
45 100

43 78.6 62.3 93.5

87 30.6 25.0 37.4

59 12.5 9.9 14.9





#23

Vinyl Acetate

Concen: 250.388 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1253257

Ion Ratio Lower Upper

43 100

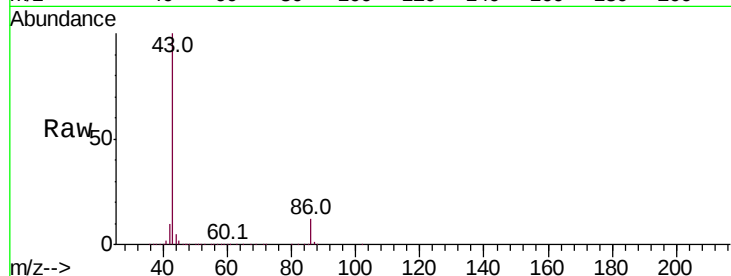
86 11.7 9.4 14.0

Manual Integrations

APPROVED

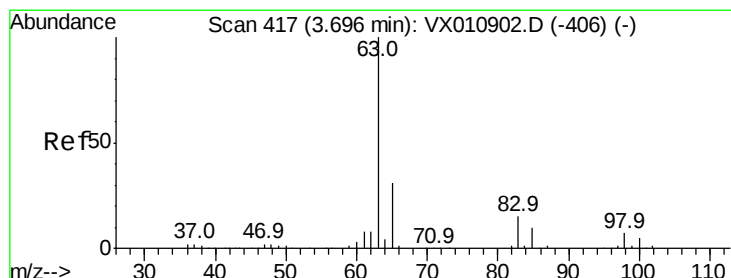
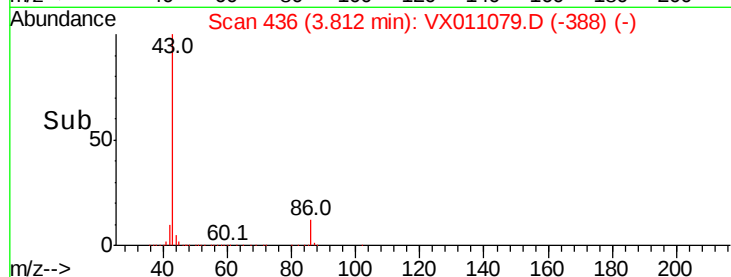
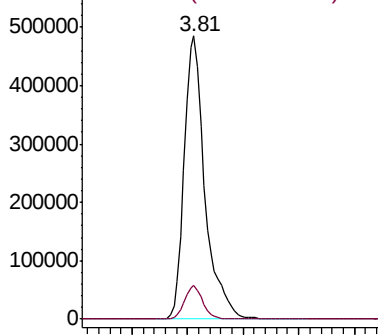
MMDadoda

7/29/2019 11:53:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.839 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

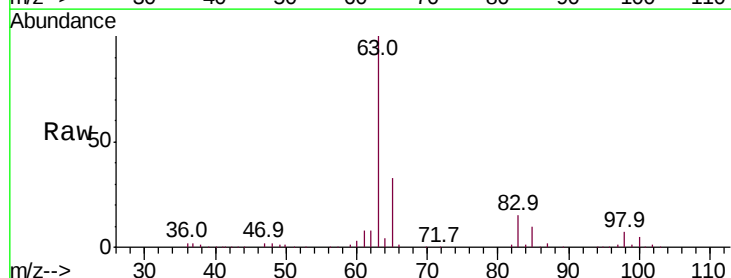
Tgt Ion: 63 Resp: 167554

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

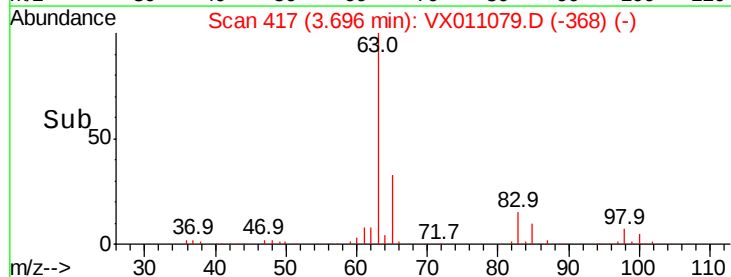
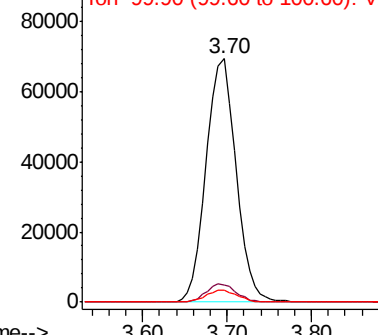
100 4.8 2.4 7.2

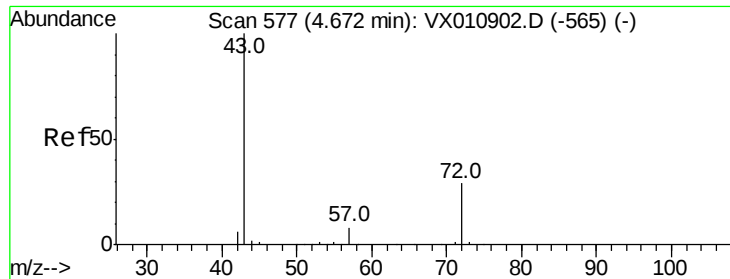


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.555 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 363670

Ion Ratio Lower Upper

43 100

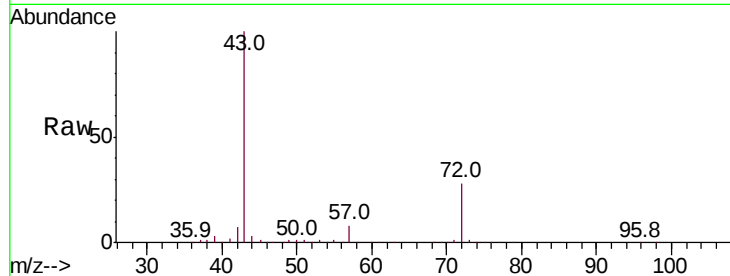
72 27.9 23.0 34.6

Manual Integrations

APPROVED

MMDadoda

7/29/2019 11:53:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

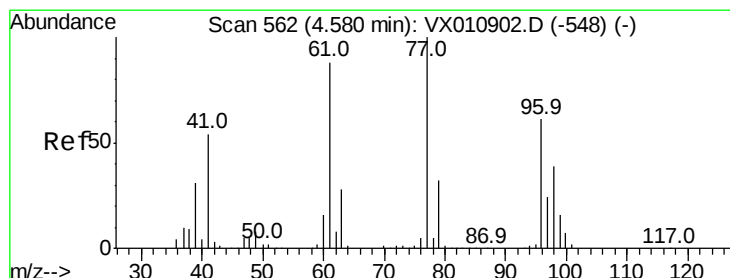
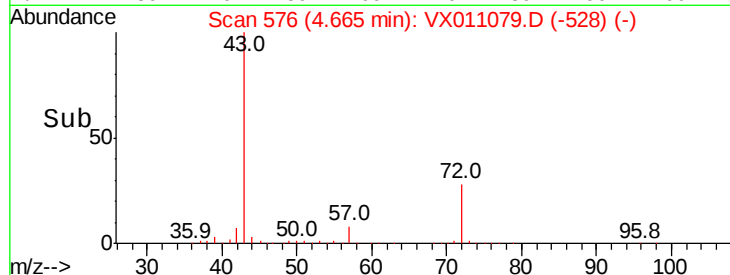
50000

0

4.67

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.834 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011079.D

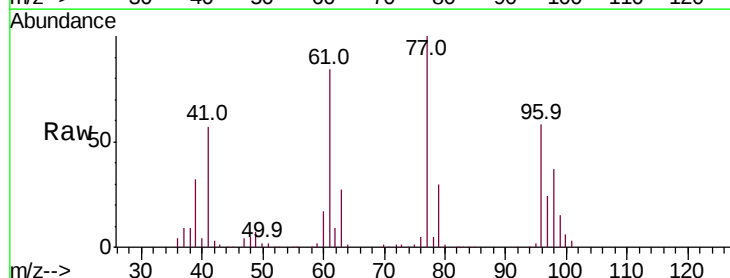
Acq: 26 Jul 2019 10:15

Tgt Ion: 77 Resp: 146011

Ion Ratio Lower Upper

77 100

97 24.4 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

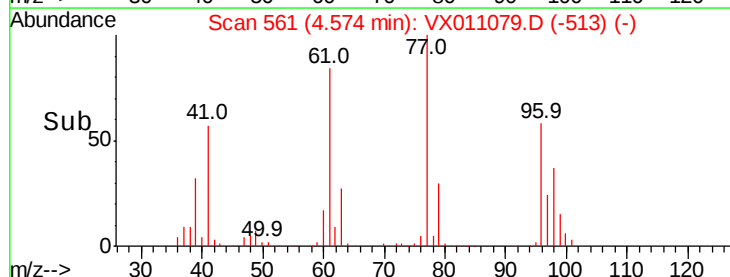
10000

0

4.57

4.40 4.50 4.60 4.70

Time-->





#27

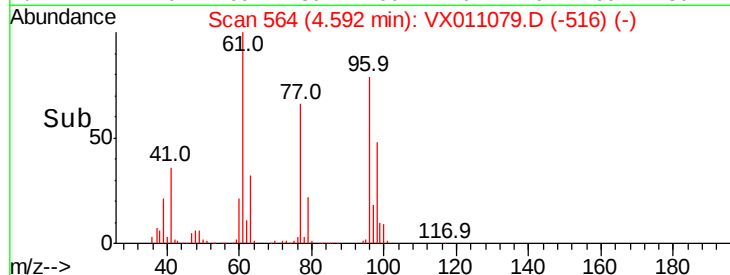
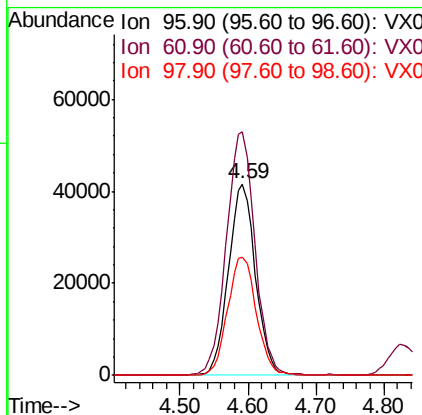
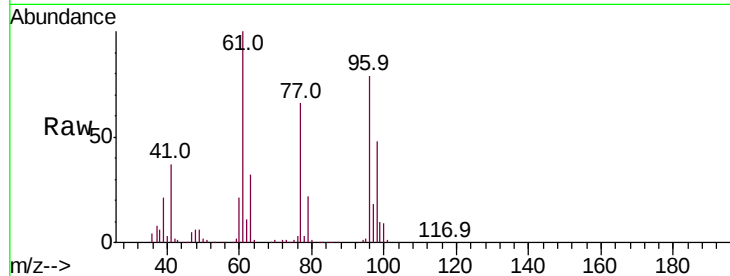
cis-1,2-Dichloroethene
 Concen: 48.572 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	115014		
61	134.1	0.0	269.0	
98	65.5	0.0	131.4	

Manual Integrations
 APPROVED

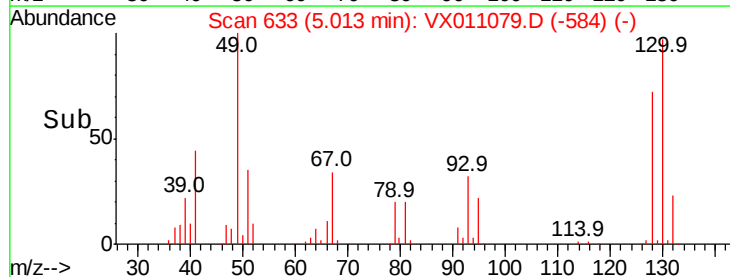
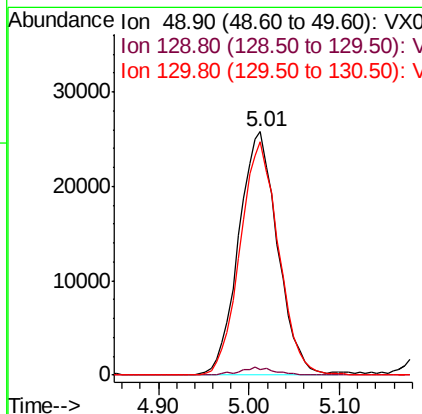
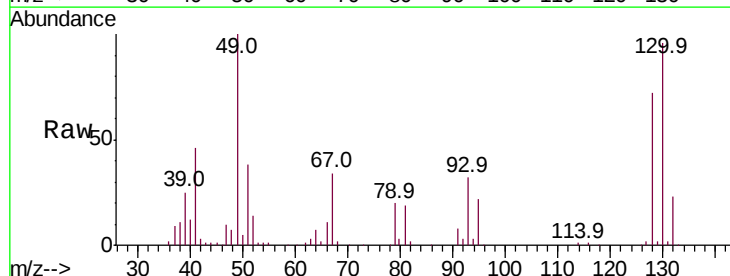
MMDadoda
 7/29/2019 11:53:49 AM

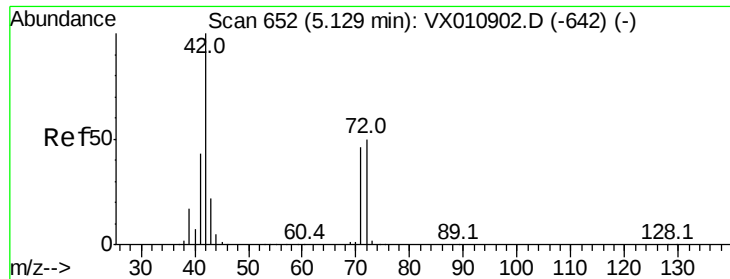


#28

Bromochloromethane
 Concen: 47.423 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	76668		
129	2.7	0.0	5.2	
130	94.7	76.9	115.3	





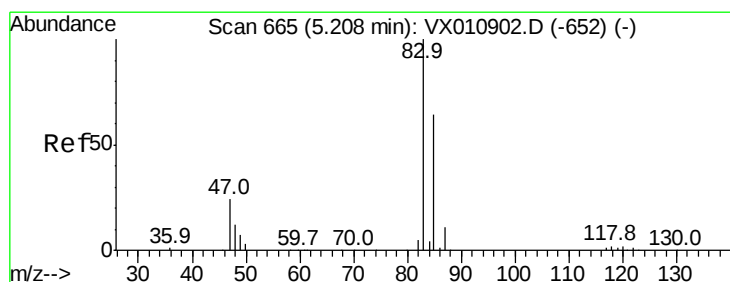
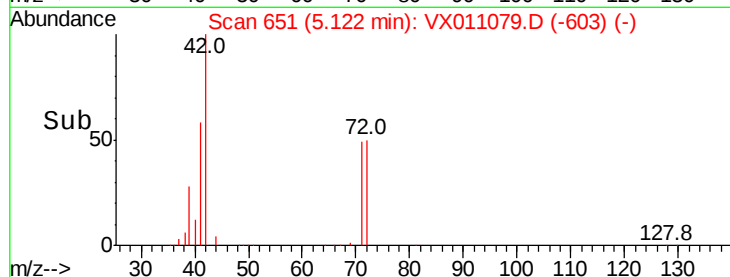
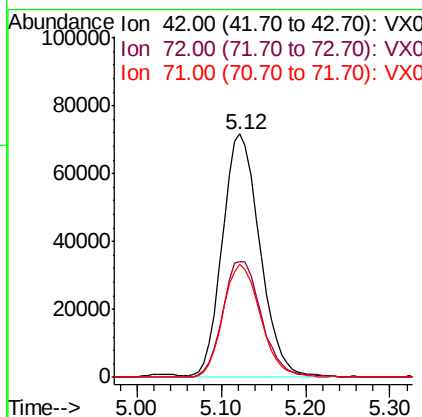
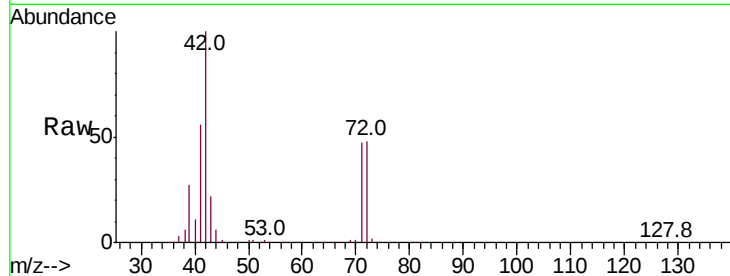
#29
Tetrahydrofuran
Concen: 228.527 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	39.8	59.8
71	46.4	37.0	55.4

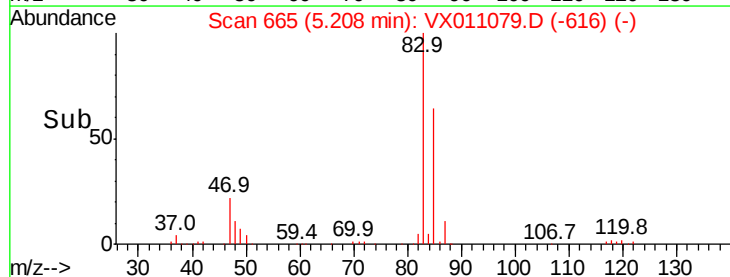
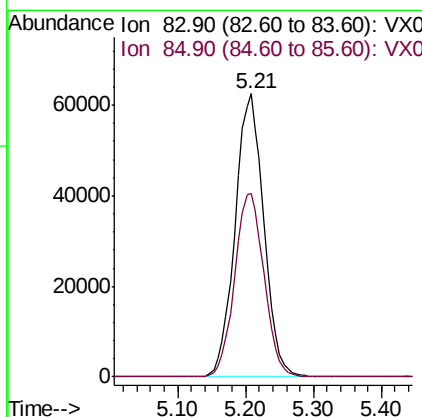
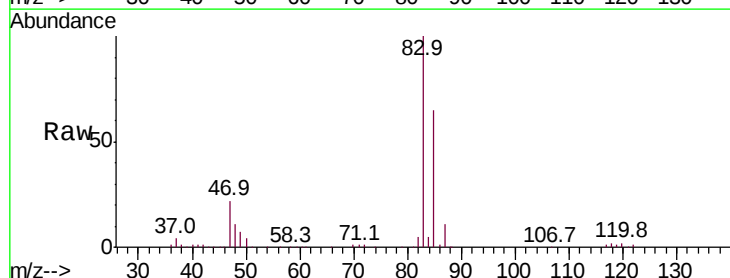
Manual Integrations
APPROVED

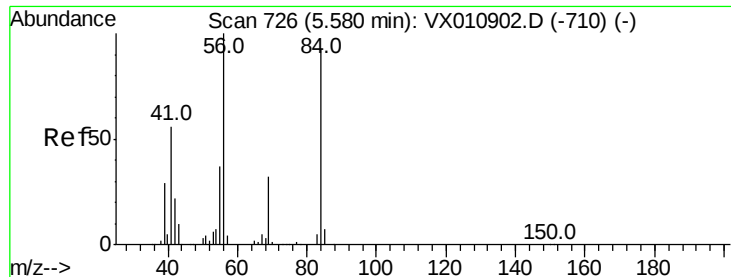
MMDadoda
7/29/2019 11:53:49 AM



#30
Chloroform
Concen: 49.280 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.0





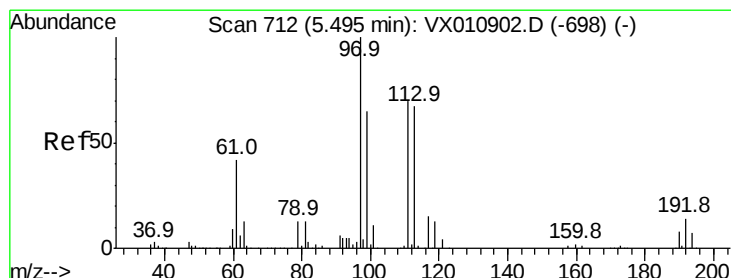
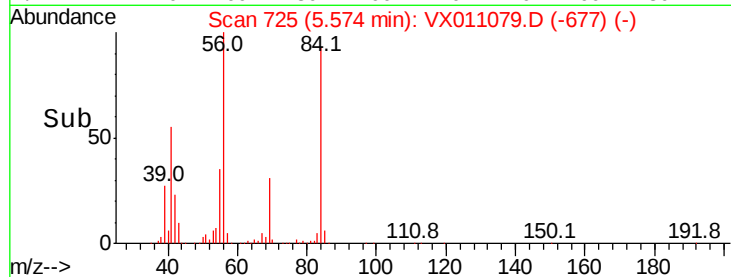
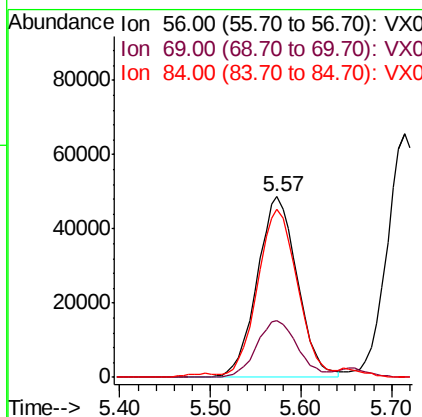
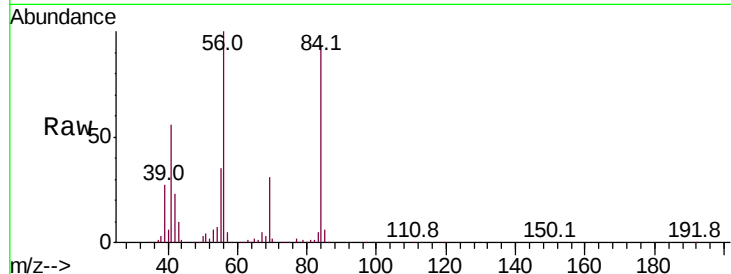
#31
Cyclohexane
Concen: 47.401 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.8	38.8
84	91.9	73.8	110.6

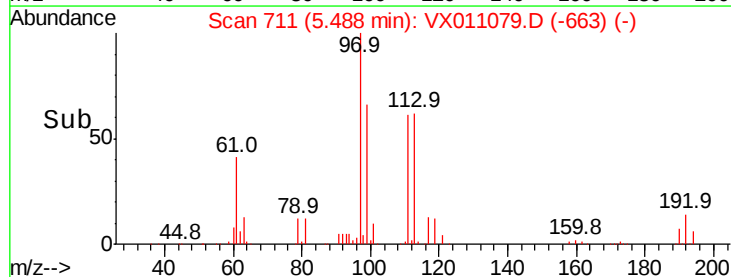
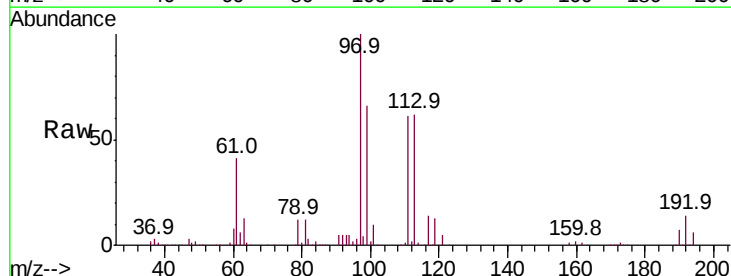
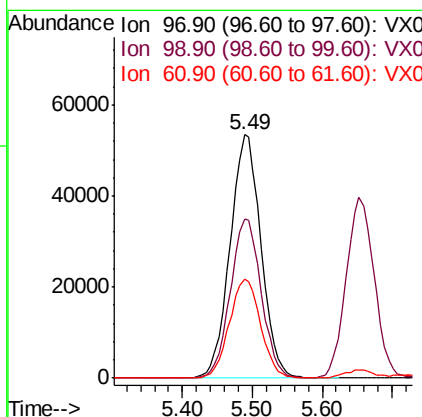
Manual Integrations
APPROVED

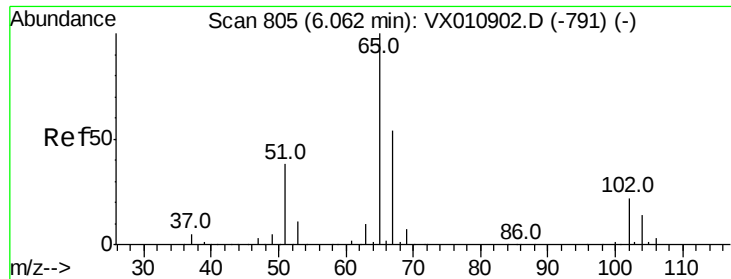
MMDadoda
7/29/2019 11:53:49 AM



#32
1,1,1-Trichloroethane
Concen: 50.993 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	41.4	33.0	49.6





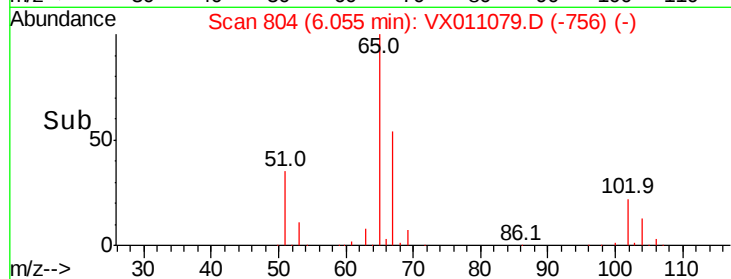
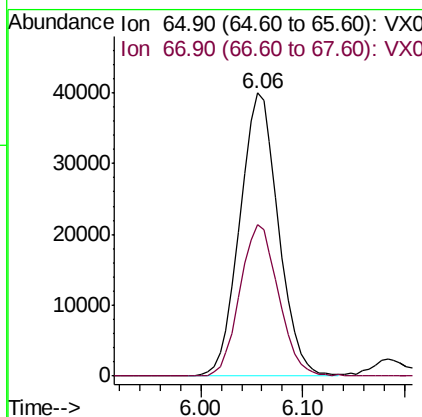
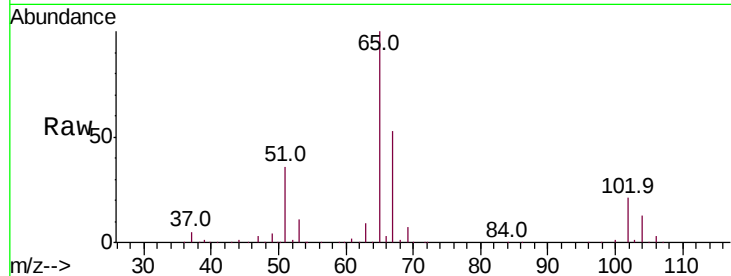
#33
 1,2-Dichloroethane-d4
 Concen: 45.645 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105125		
67	53.6	0.0	107.8	

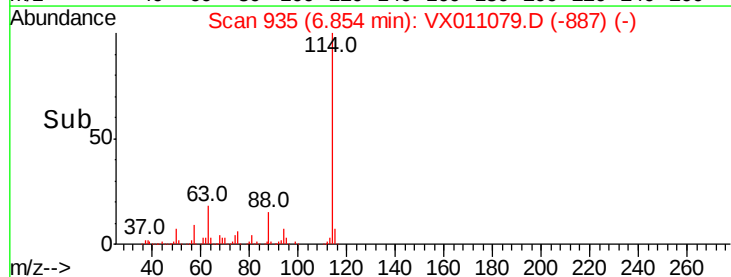
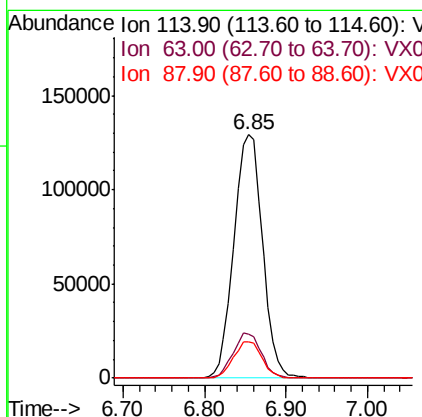
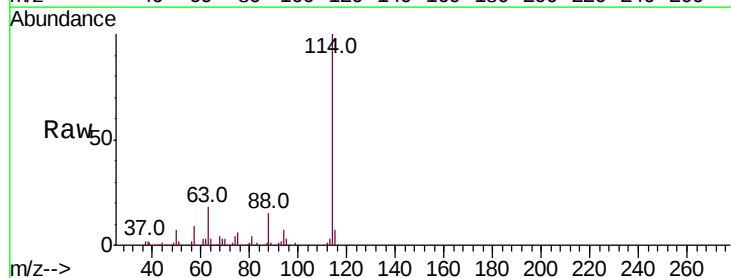
Manual Integrations
 APPROVED

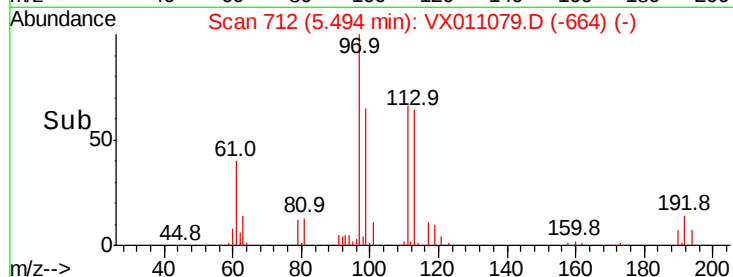
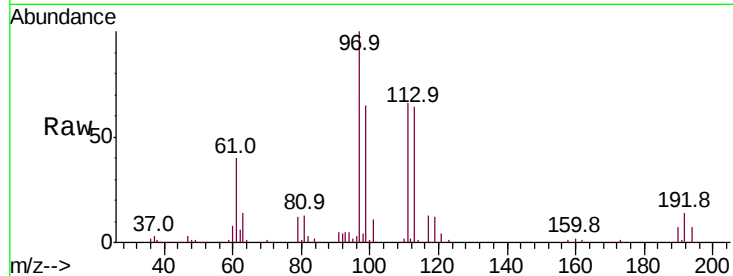
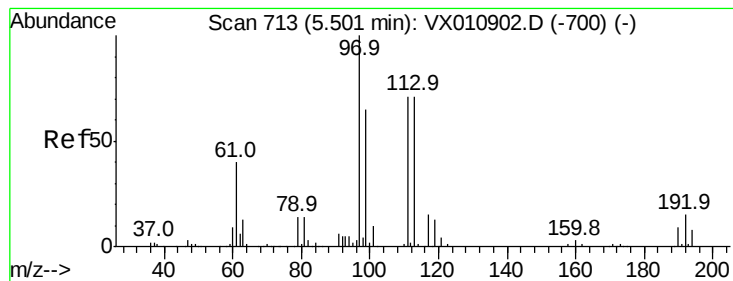
MMDadoda
 7/29/2019 11:53:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	313448		
63	18.1	0.0	35.6	
88	15.1	0.0	29.8	





#35

Dibromofluoromethane

Concen: 48.352 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tot Ion:	113	Resp:	96197
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.3	123.5
192	22.6	17.4	26.2

Instrument :

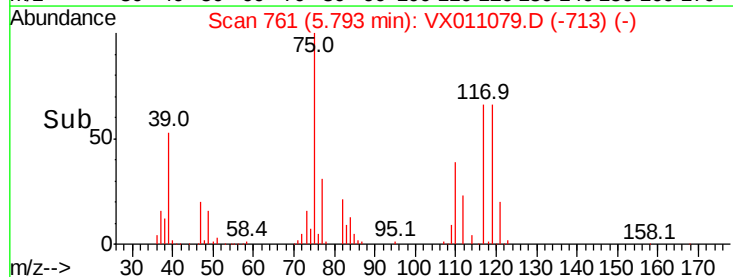
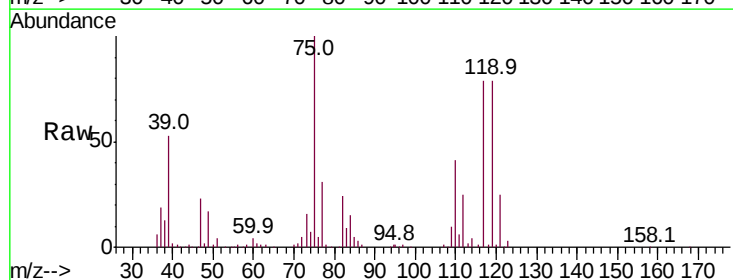
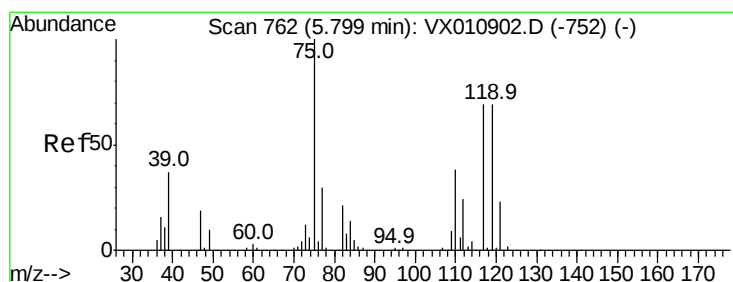
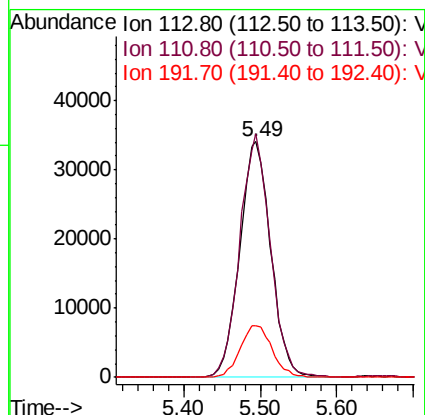
MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#36

1,1-Dichloropropene

Concen: 50.769 ug/l

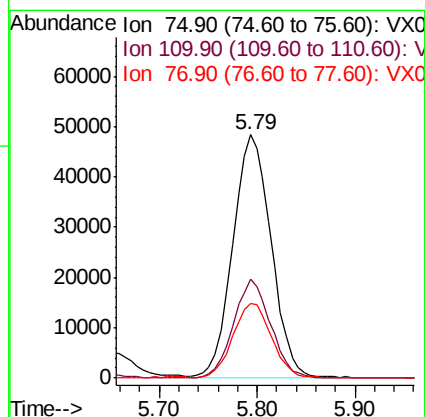
RT: 5.79 min Scan# 761

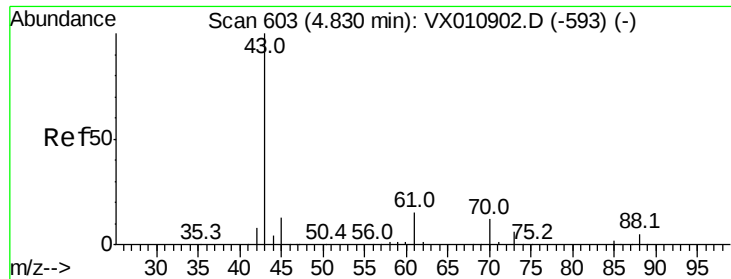
Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion:	75	Resp:	130715
Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.9	59.7
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 48.957 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

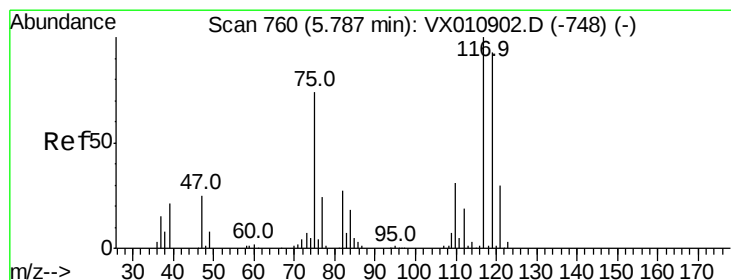
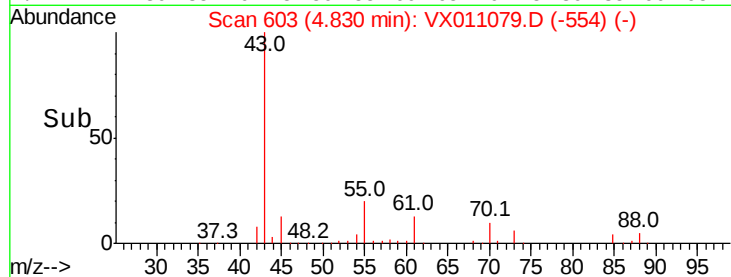
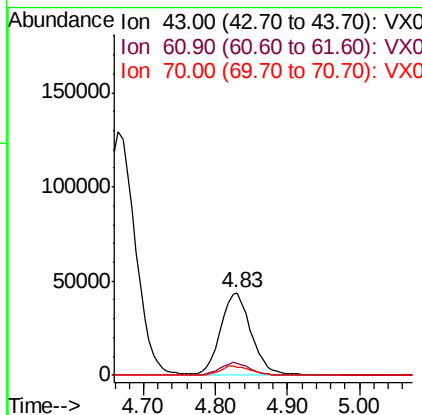
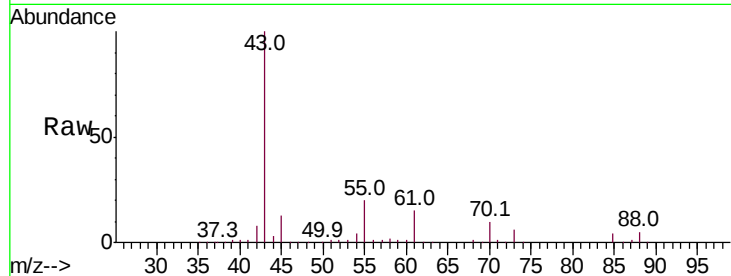
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	129069
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.6	17.4
70	11.3	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#38

Carbon Tetrachloride

Concen: 53.887 ug/l

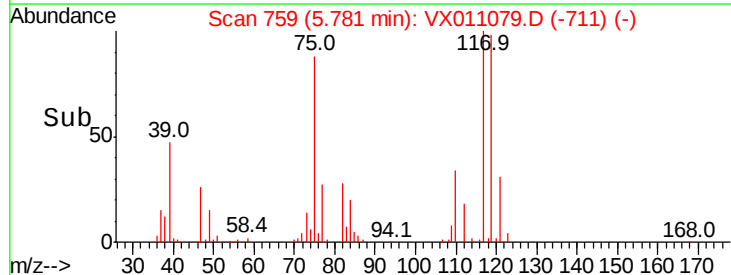
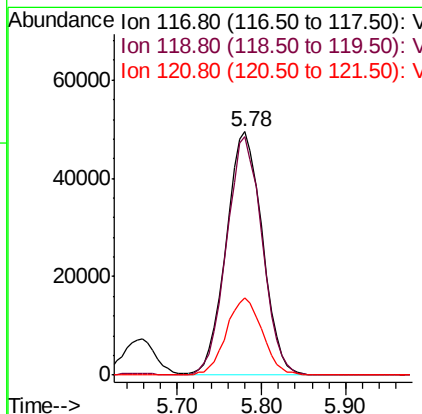
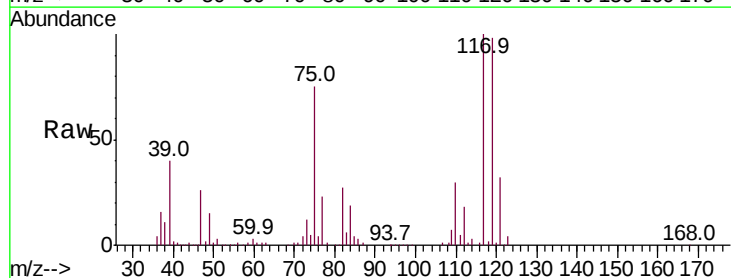
RT: 5.78 min Scan# 759

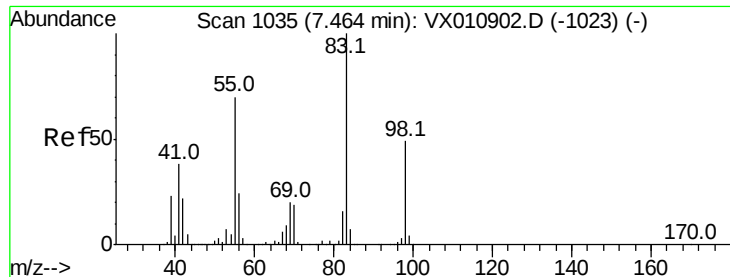
Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion:	117	Resp:	144574
Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.2	111.2
121	31.8	24.2	36.2





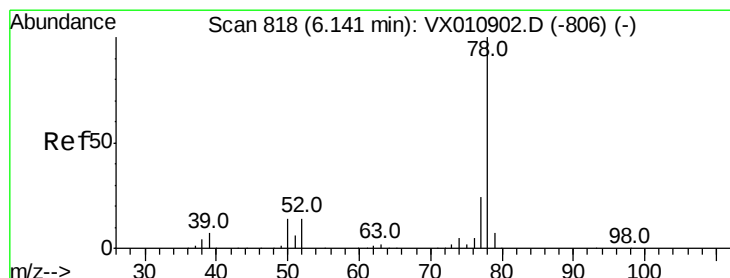
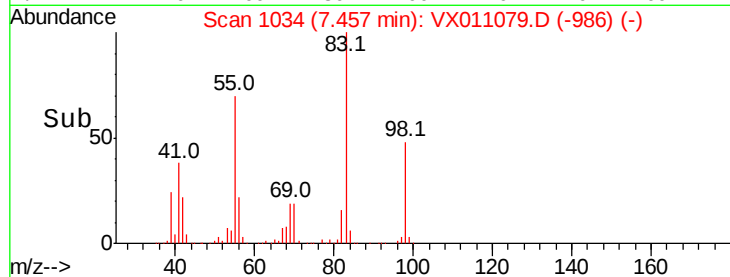
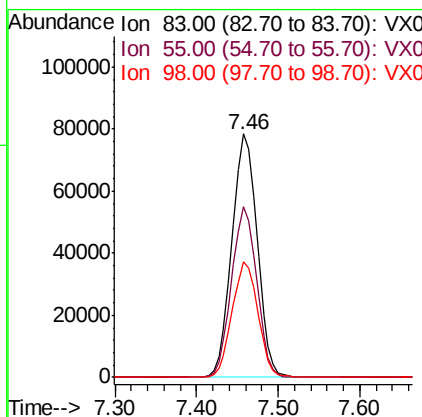
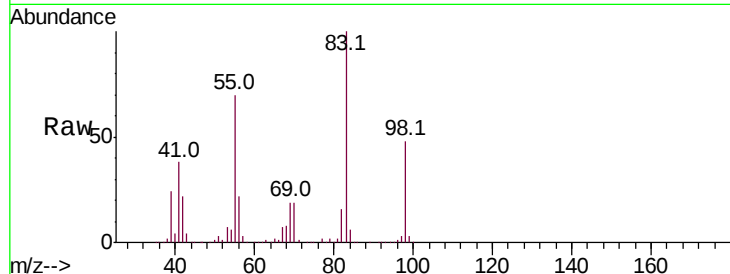
#39
Methvlcvclohexane
Concen: 50.329 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.9	56.2	84.4
98	47.6	39.0	58.4

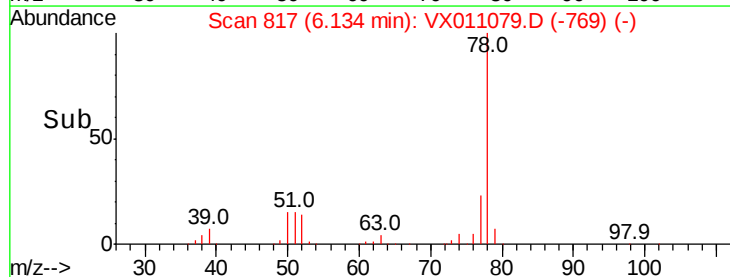
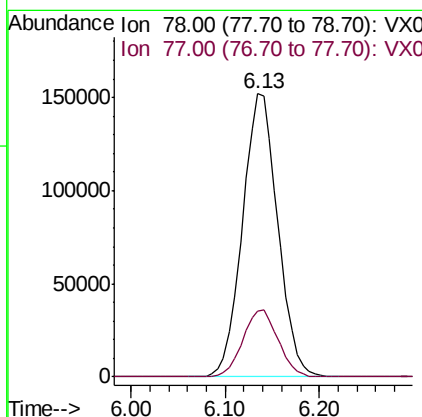
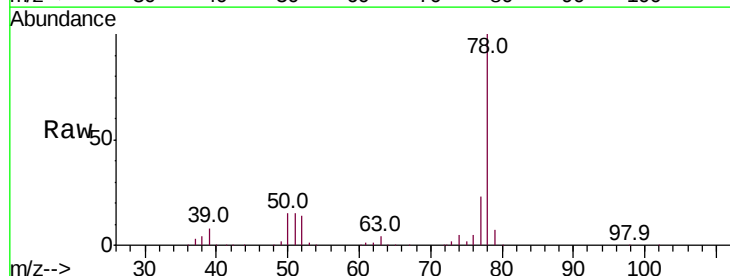
Manual Integrations
APPROVED

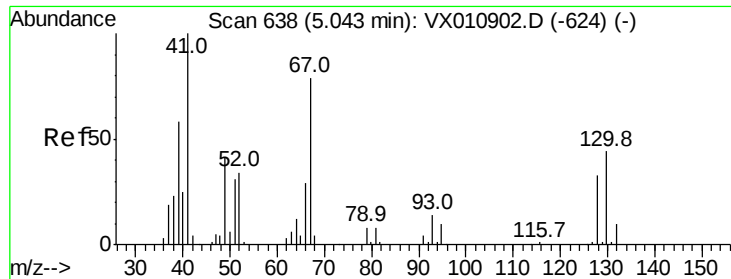
MMDadoda
7/29/2019 11:53:49 AM



#40
Benzene
Concen: 50.570 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





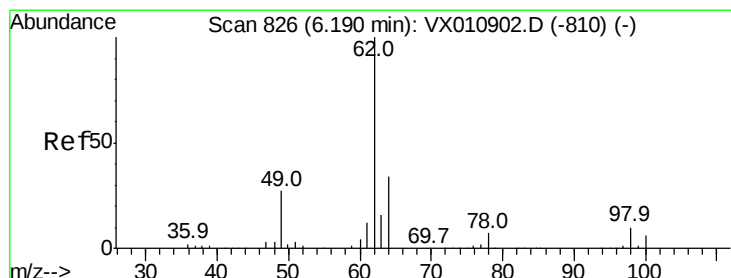
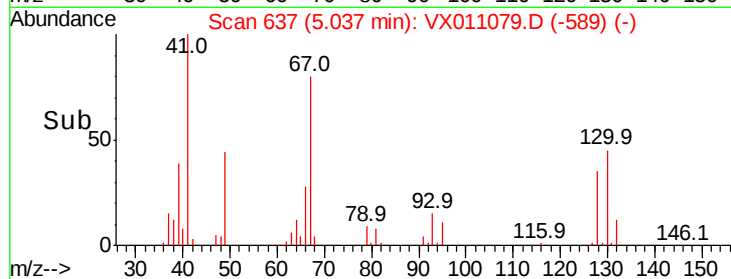
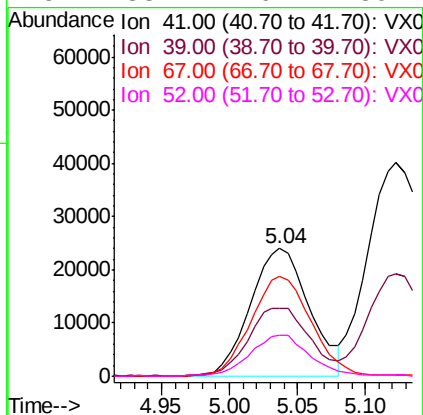
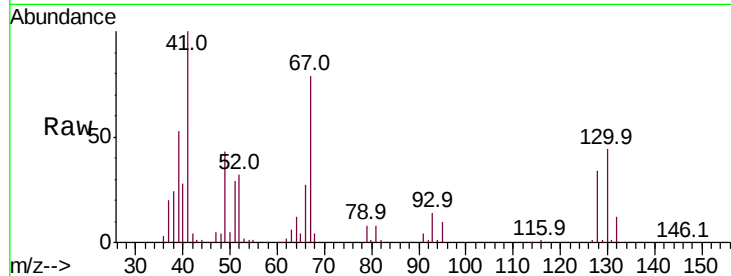
#41
Methacrylonitrile
Concen: 48.454 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	45.4	68.2	
67	80.9	65.9	98.9	
52	33.1	26.2	39.2	

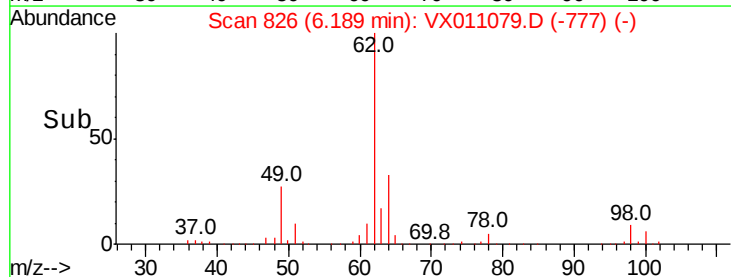
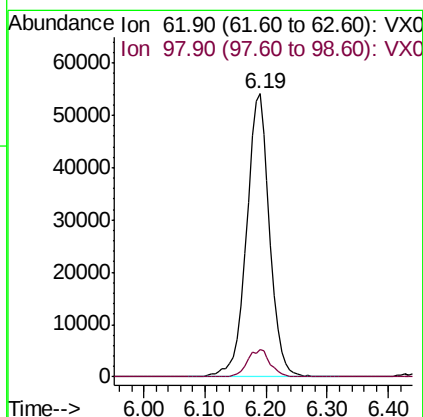
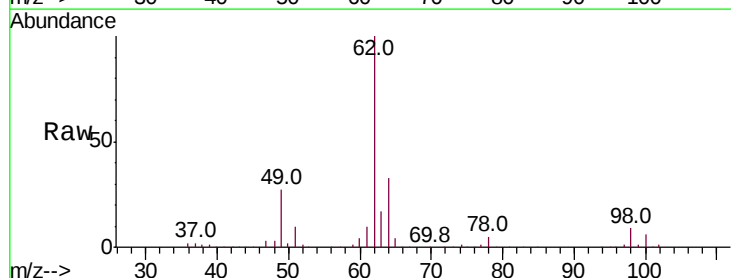
Manual Integrations
APPROVED

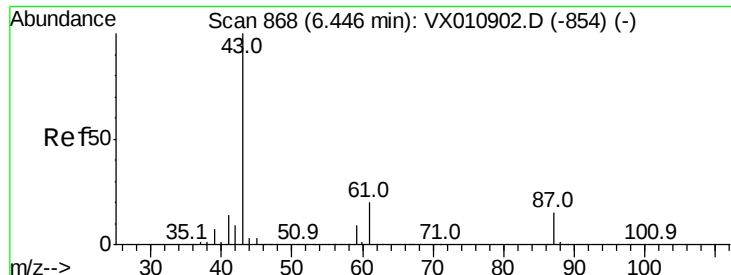
MMDadoda
7/29/2019 11:53:49 AM



#42
1,2-Dichloroethane
Concen: 51.795 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	20.0	





#43

Isopropyl Acetate

Concen: 50.381 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

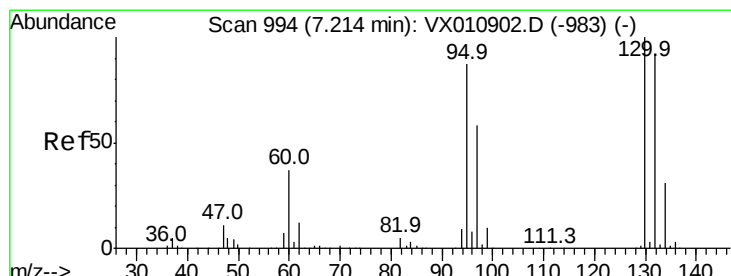
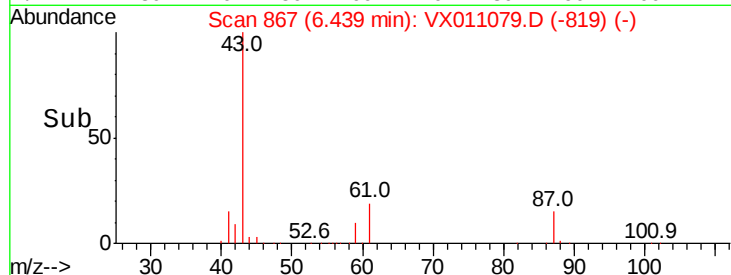
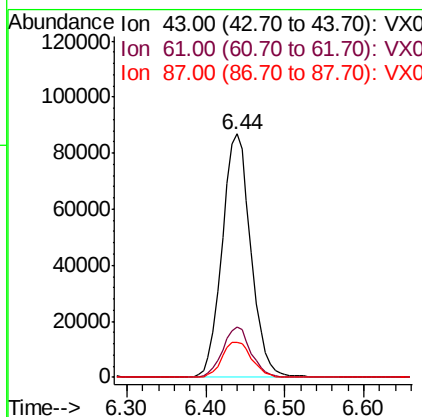
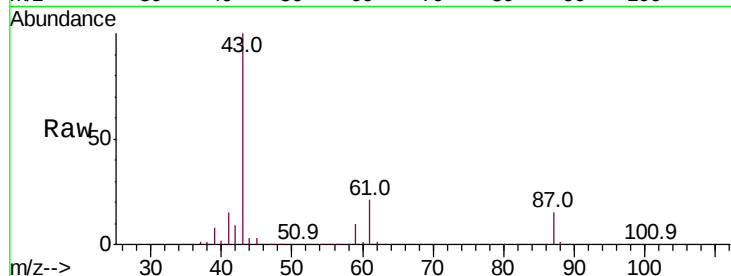
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	218406
Ion Ratio	Lower	Upper	
43	100		
61	20.3	17.1	25.7
87	15.3	12.0	18.0

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#44

Trichloroethene

Concen: 50.537 ug/l

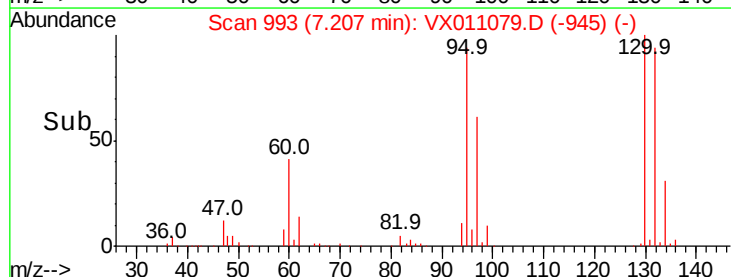
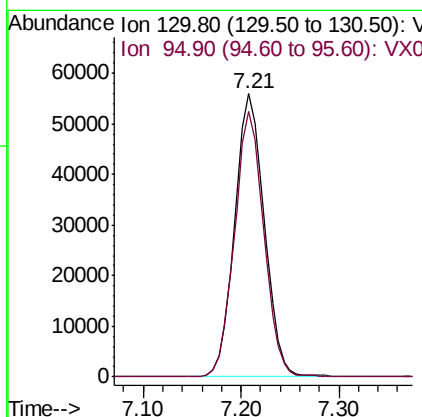
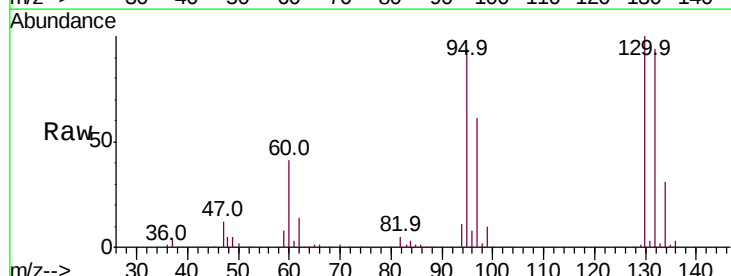
RT: 7.21 min Scan# 993

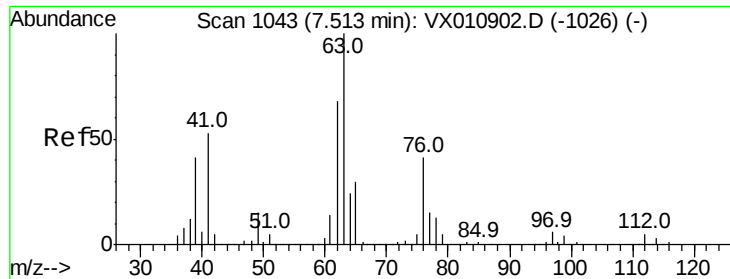
Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion:	130	Resp:	117981
Ion Ratio	Lower	Upper	
130	100		
95	94.0	0.0	174.8





#45

1,2-Dichloropropane

Concen: 51.045 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 102465

Ion Ratio Lower Upper

63 100

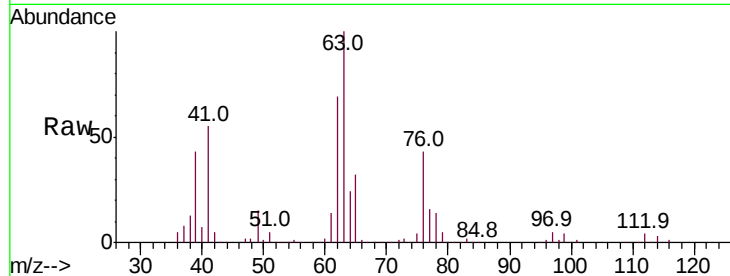
65 32.0 24.4 36.6

Manual Integrations

APPROVED

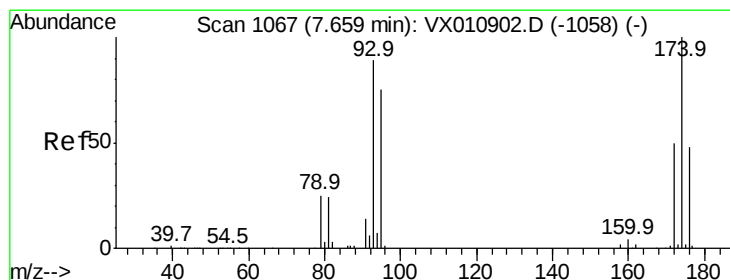
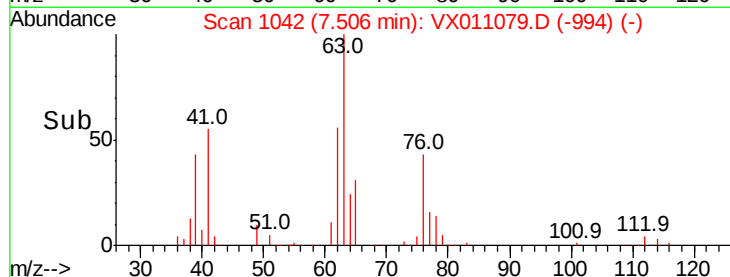
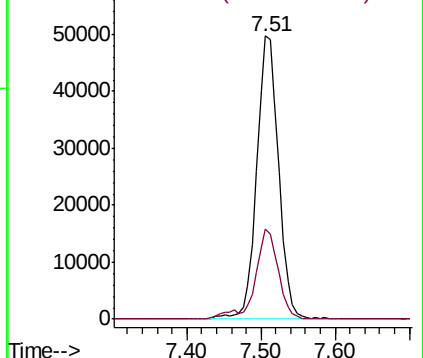
MMDadoda

7/29/2019 11:53:49 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.719 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

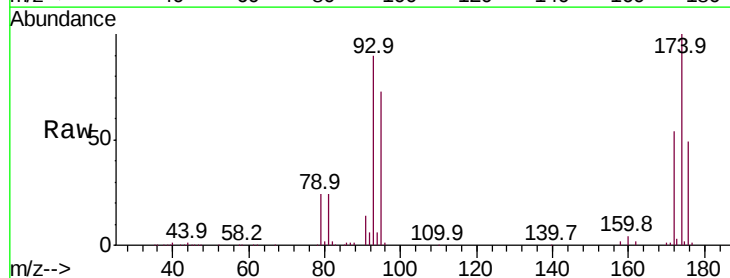
Tgt Ion: 93 Resp: 75619

Ion Ratio Lower Upper

93 100

95 81.4 67.2 100.8

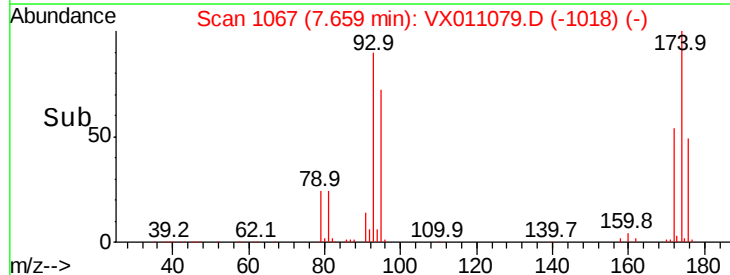
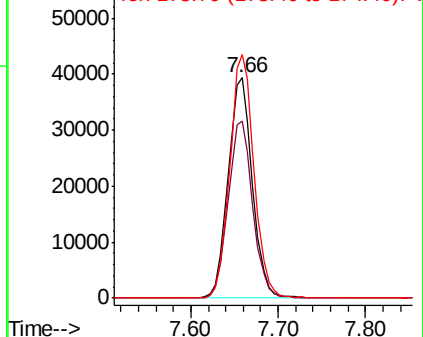
174 110.8 90.6 135.8

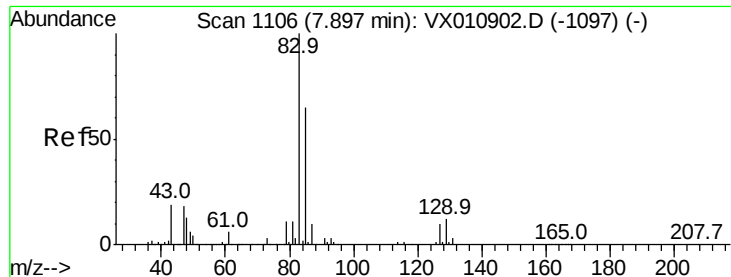


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.637 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

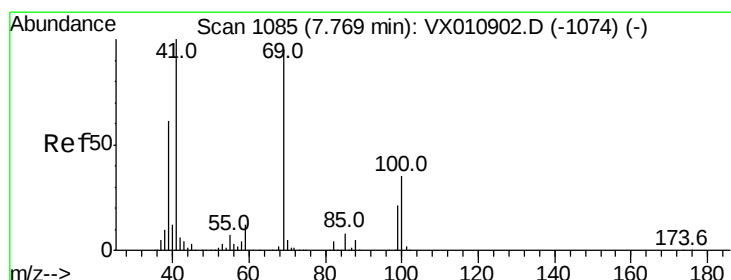
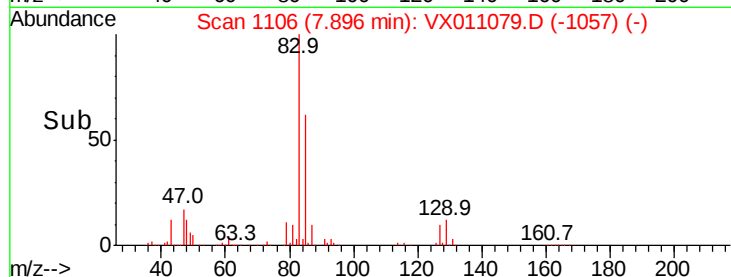
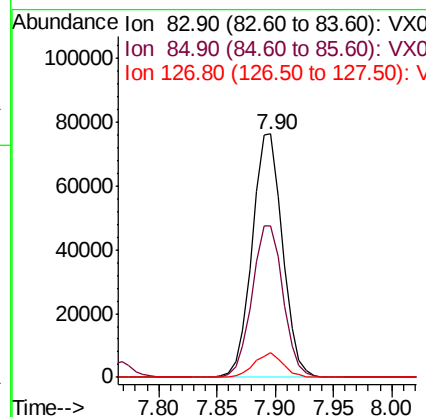
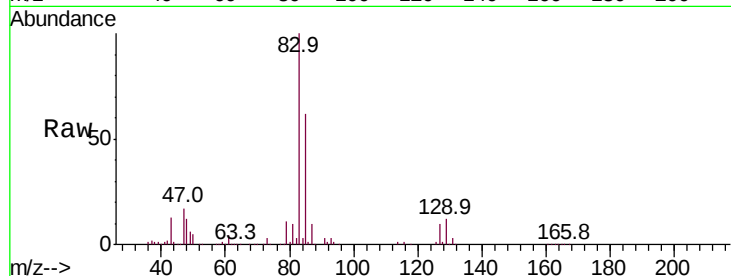
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	139505
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.5	78.7
127	10.4	7.8	11.8

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#48

Methyl methacrylate

Concen: 50.469 ug/l

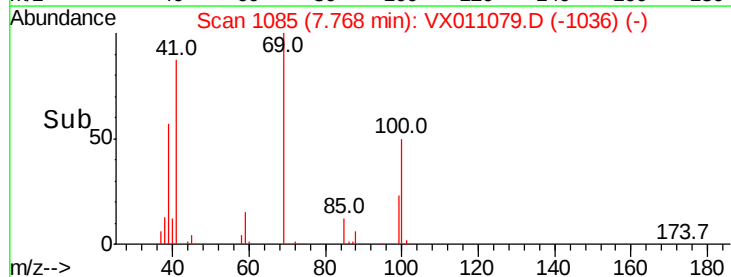
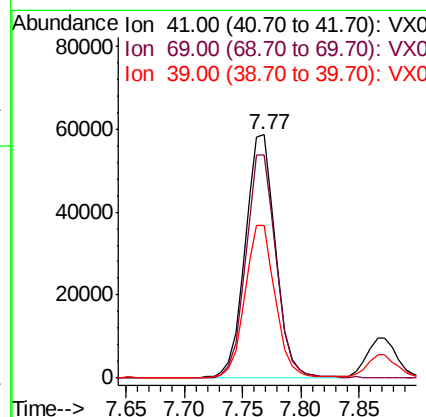
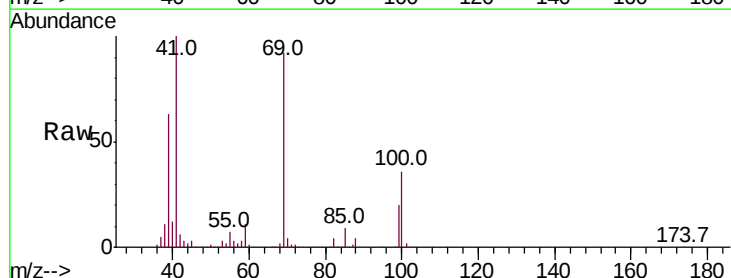
RT: 7.77 min Scan# 1085

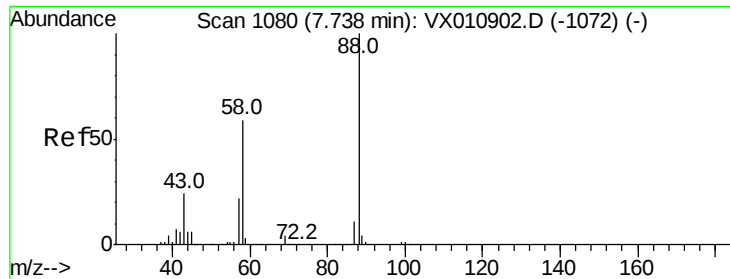
Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion:	41	Resp:	106582
Ion	Ratio	Lower	Upper
41	100		
69	91.6	74.4	111.6
39	62.6	48.9	73.3





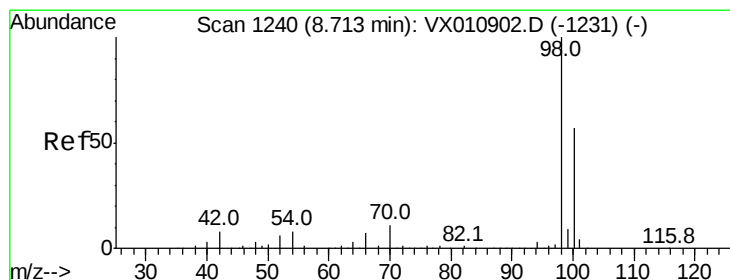
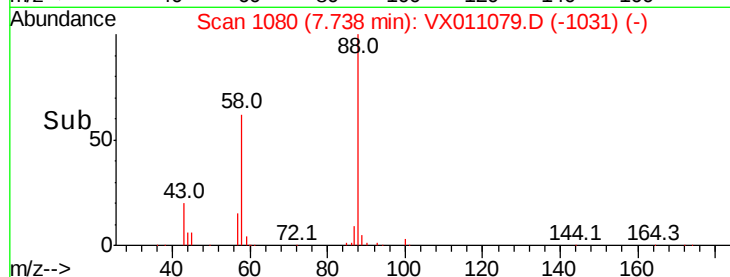
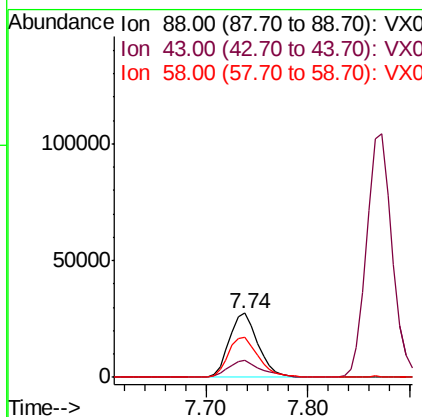
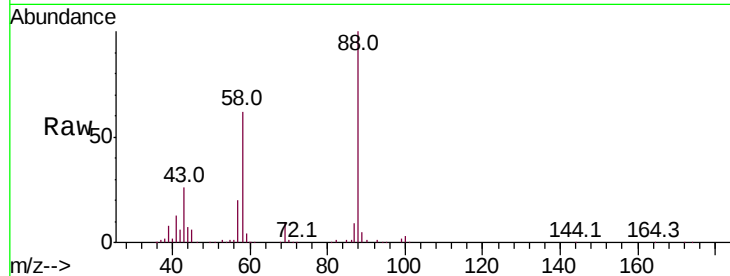
#49
1,4-Dioxane
Concen: 920.562 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	22.9	34.3
58	64.6	49.8	74.8

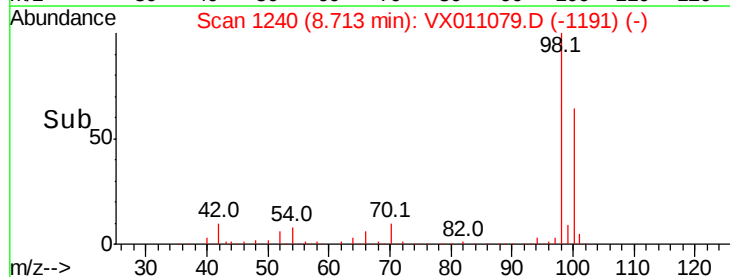
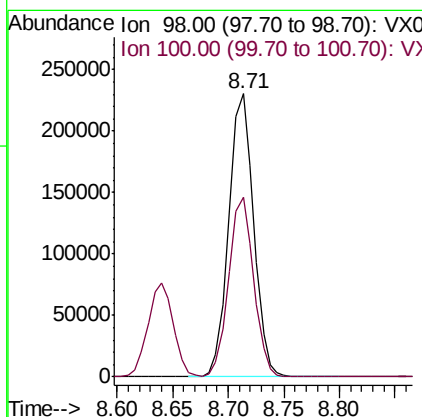
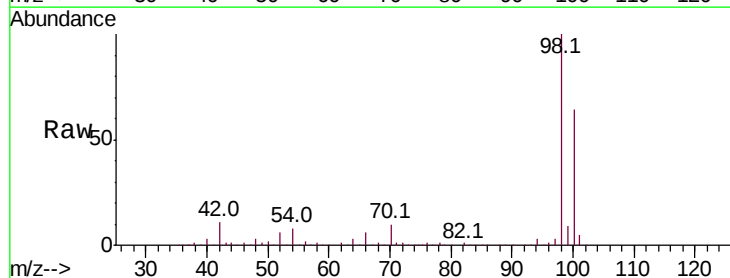
Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#50
Toluene-d8
Concen: 47.839 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8





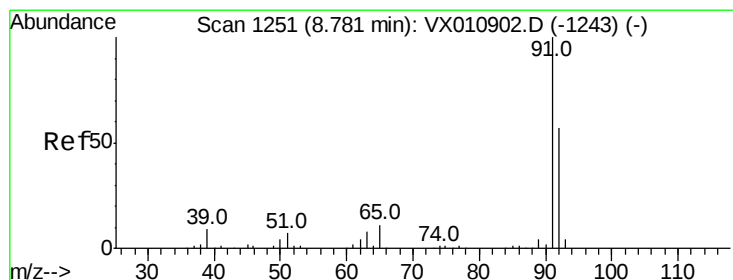
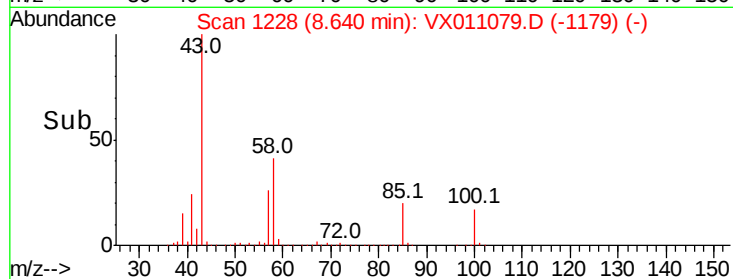
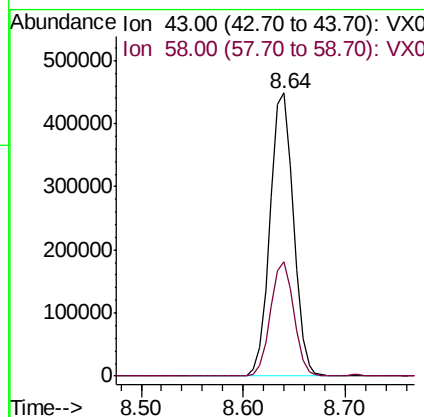
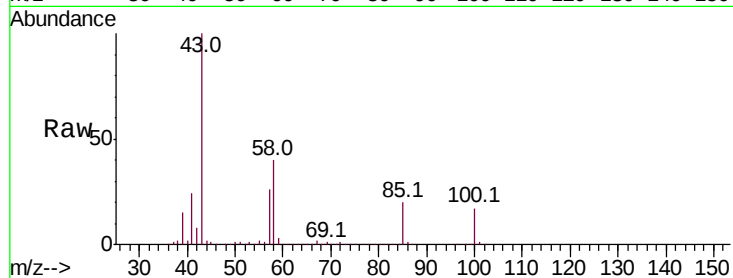
#51
4-Methyl-2-Pentanone
Concen: 253.416 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.2	48.4

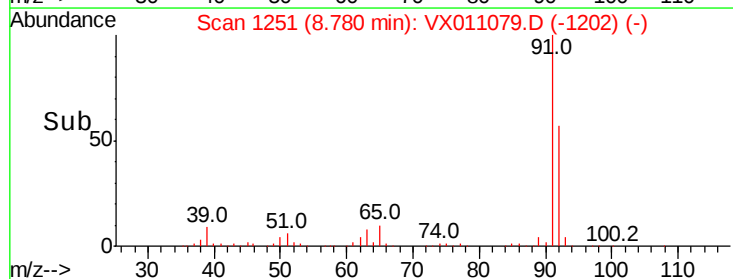
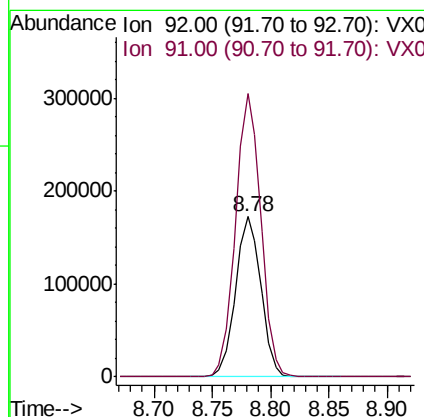
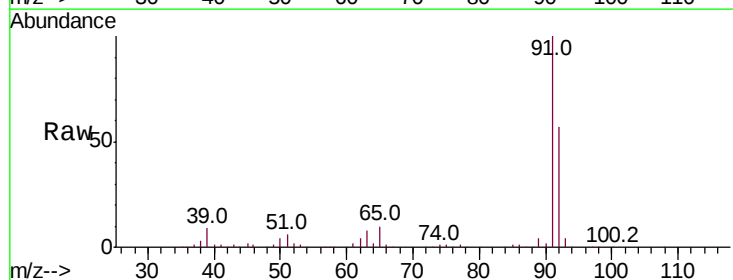
Manual Integrations
APPROVED

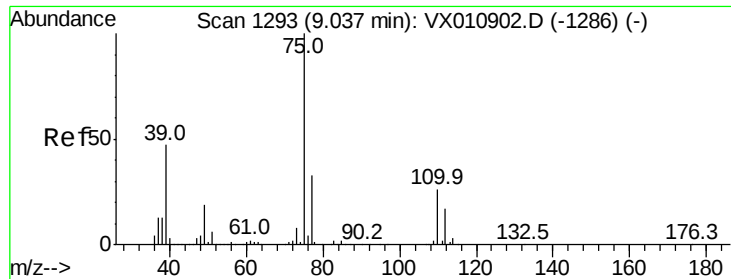
MMDadoda
7/29/2019 11:53:49 AM



#52
Toluene
Concen: 50.720 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.3	139.4	209.0





#53

t-1,3-Dichloropropene

Concen: 55.466 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 152281

Ion Ratio Lower Upper

75 100

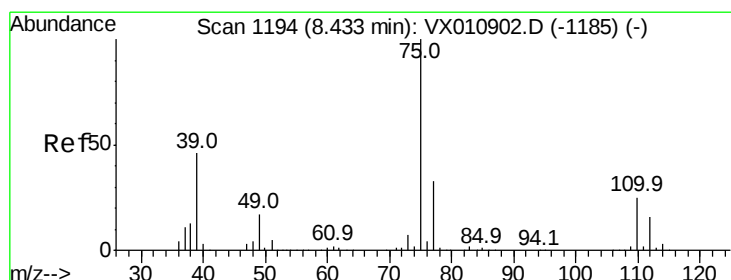
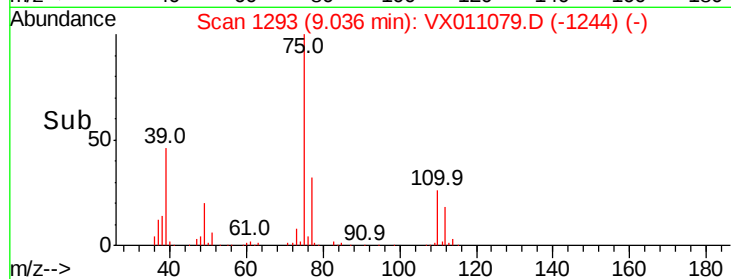
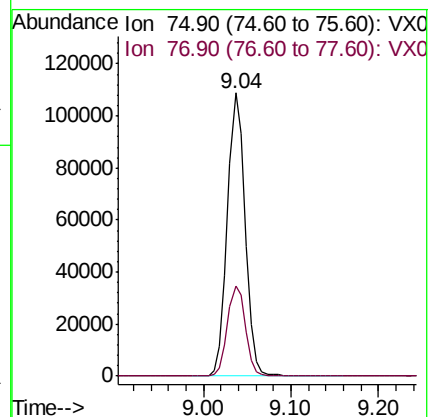
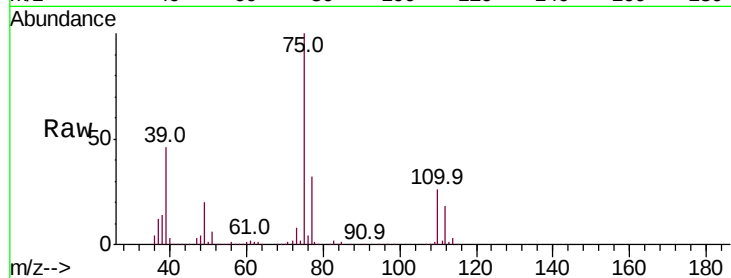
77 31.9 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

7/29/2019 11:53:49 AM



#54

cis-1,3-Dichloropropene

Concen: 54.397 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

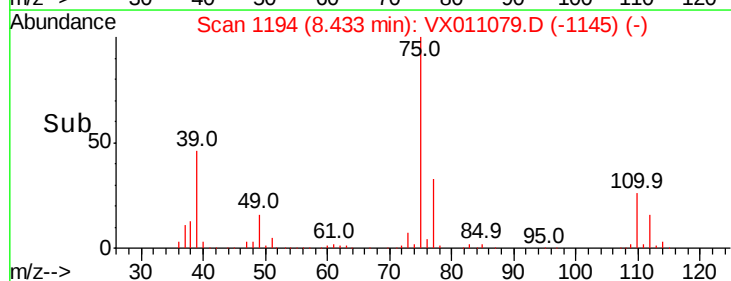
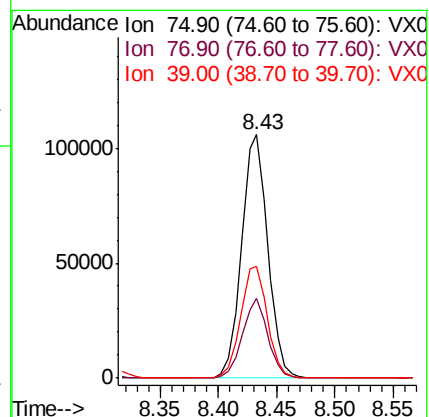
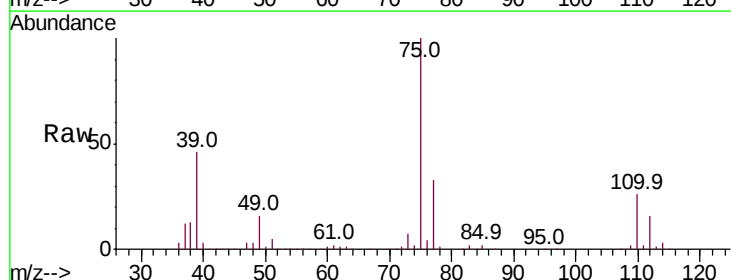
Tgt Ion: 75 Resp: 166180

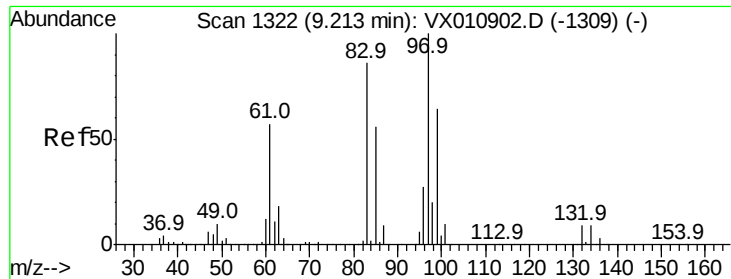
Ion Ratio Lower Upper

75 100

77 32.8 26.1 39.1

39 45.9 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 52.327 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 111628

Ion Ratio Lower Upper

97 100

83 81.0 69.2 103.8

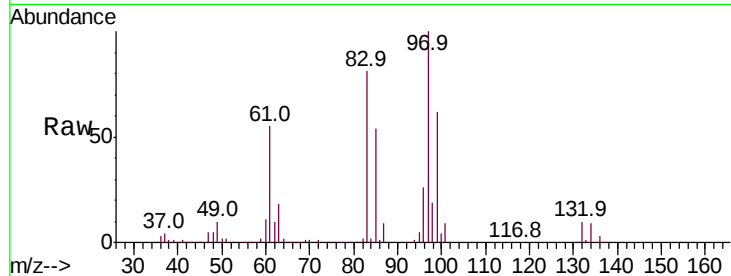
85 53.7 44.6 66.8

99 61.7 51.2 76.8

Manual Integrations
APPROVED

MMDadoda

7/29/2019 11:53:49 AM

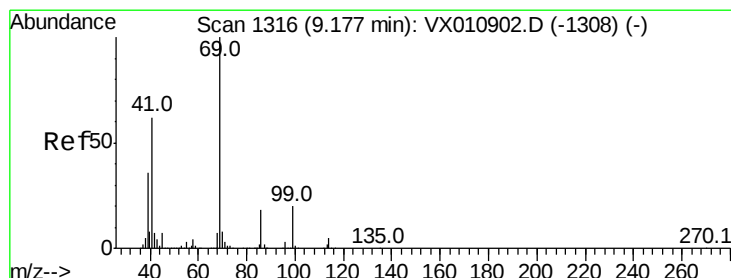
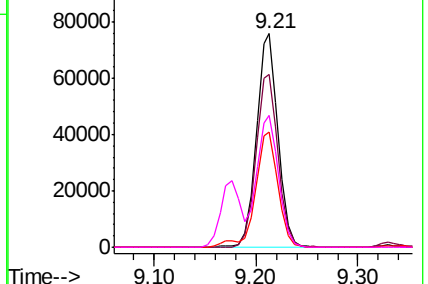
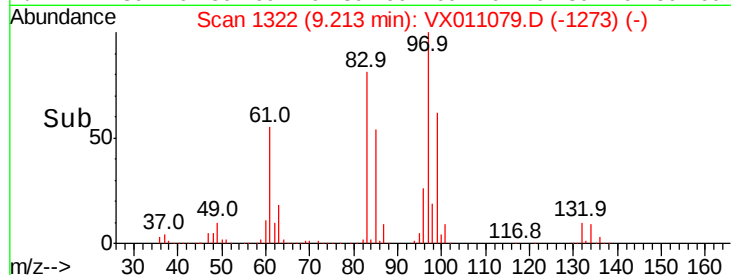


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.979 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

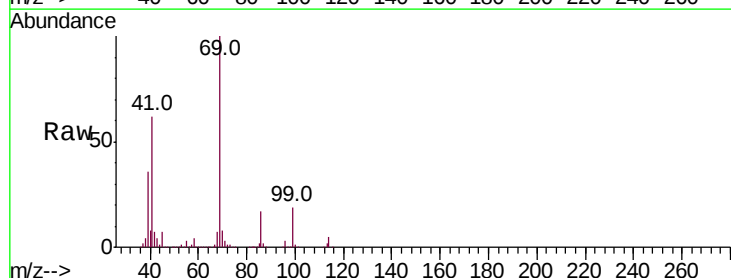
Tgt Ion: 69 Resp: 168442

Ion Ratio Lower Upper

69 100

41 62.1 49.7 74.5

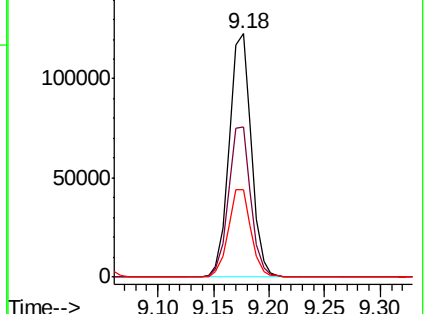
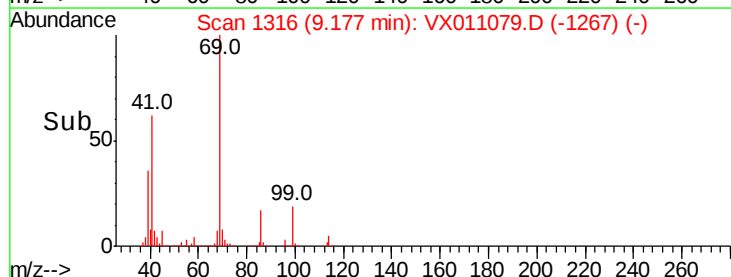
39 36.6 29.6 44.4

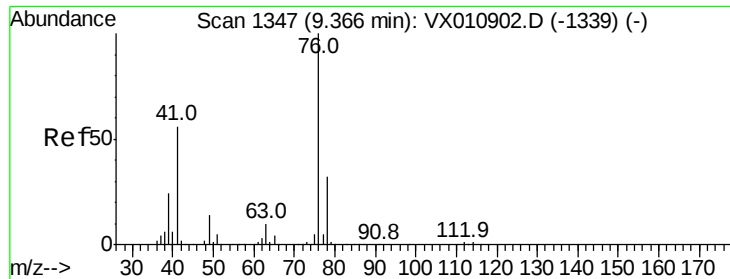


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





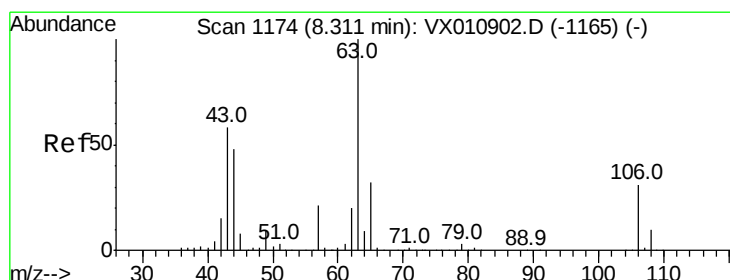
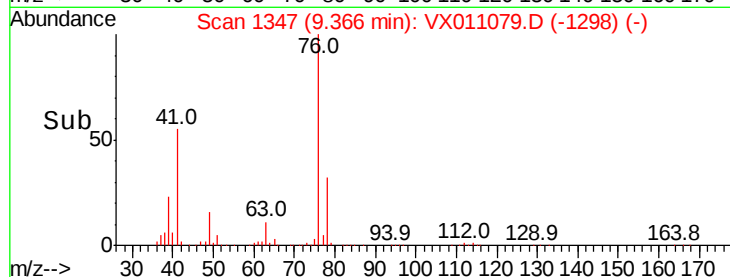
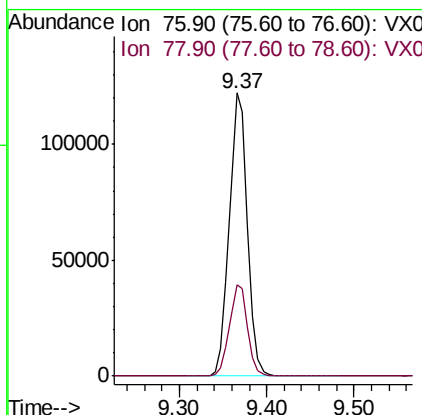
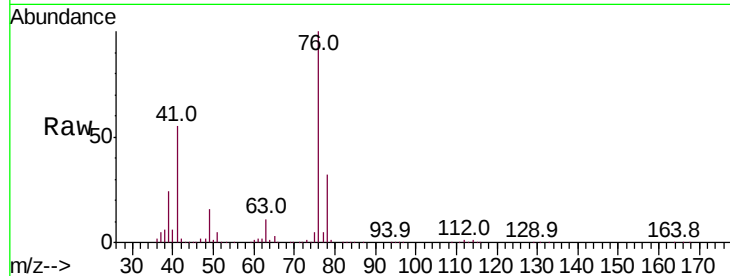
#57
 1,3-Dichloropropane
 Concen: 51.795 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 175285
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4

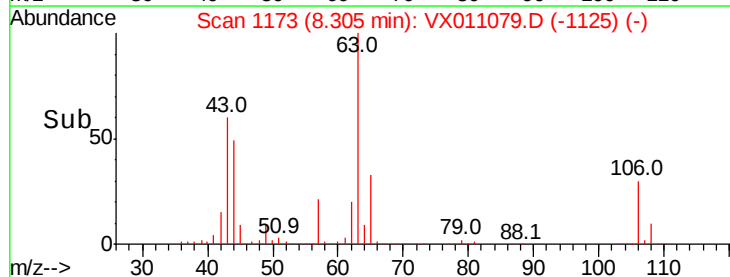
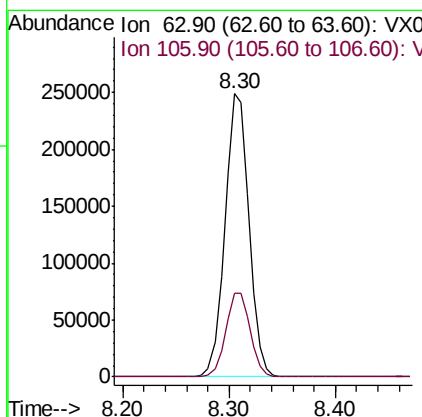
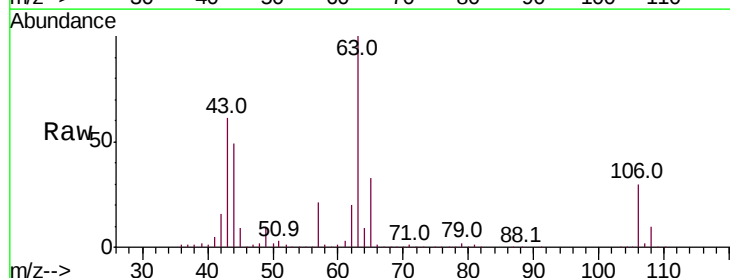
Manual Integrations
 APPROVED

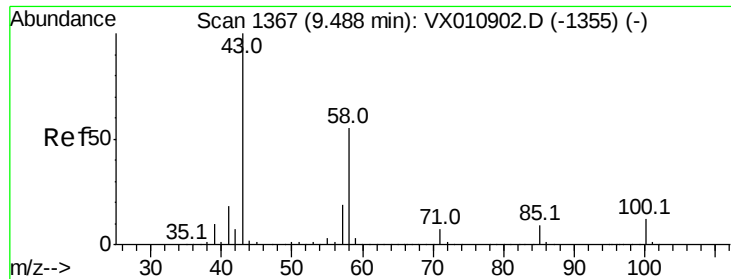
MMDadoda
 7/29/2019 11:53:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.396 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion: 63 Resp: 390866
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.0 36.0





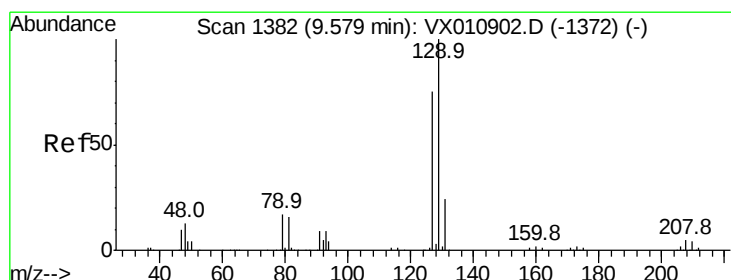
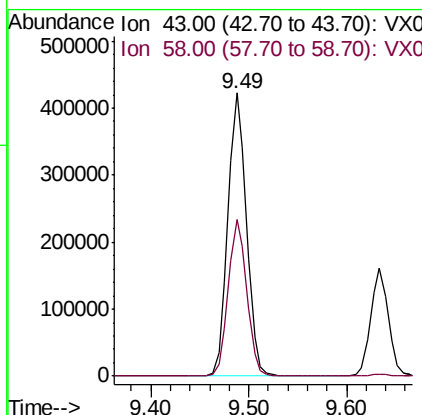
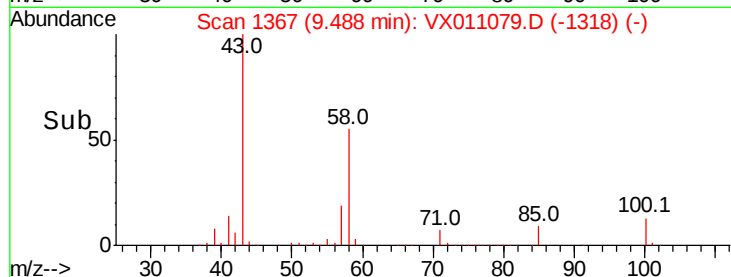
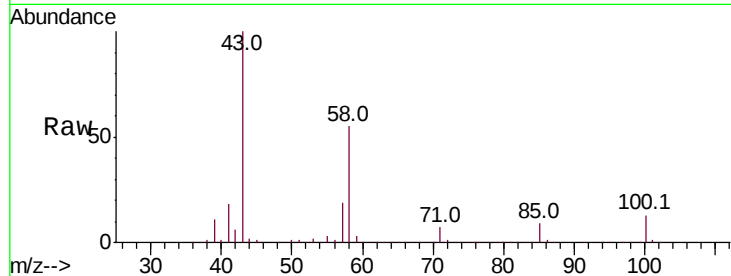
#59
2-Hexanone
Concen: 255.838 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 557624
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9

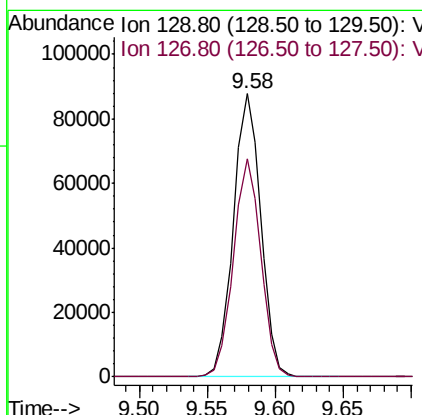
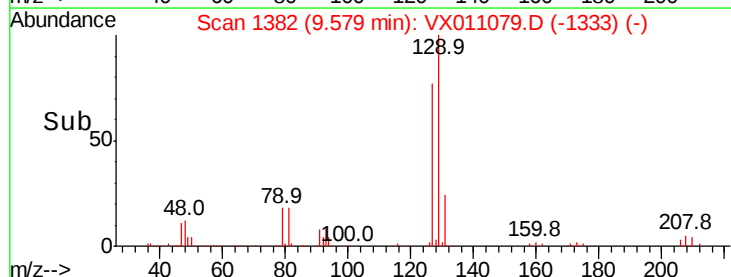
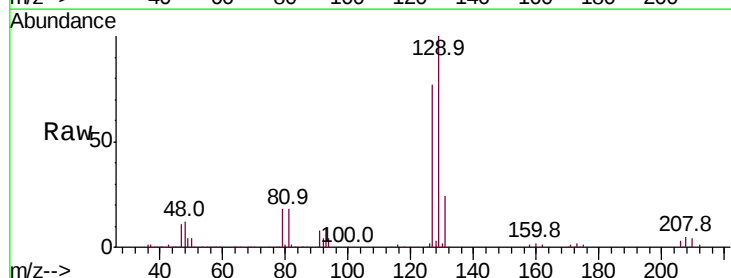
Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#60
Dibromochloromethane
Concen: 50.193 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 129 Resp: 123257
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.713 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 117077

Ion Ratio Lower Upper

107 100

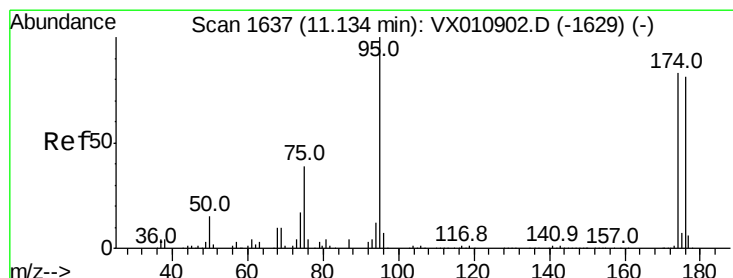
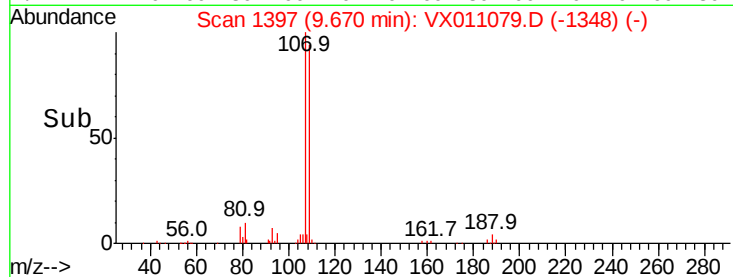
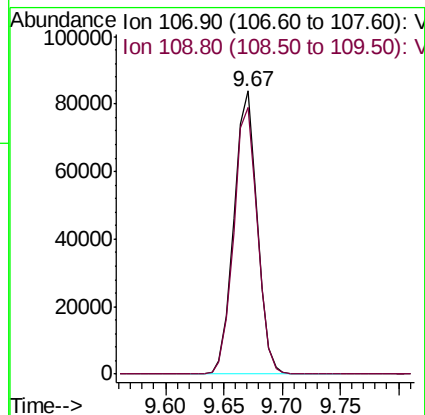
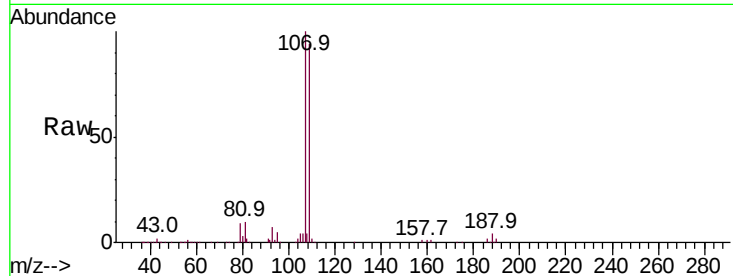
109 96.0 75.4 113.0

Manual Integrations

APPROVED

MMDadoda

7/29/2019 11:53:49 AM



#62

4-Bromofluorobenzene

Concen: 50.435 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

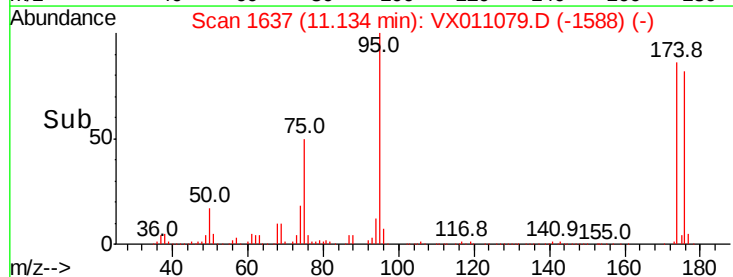
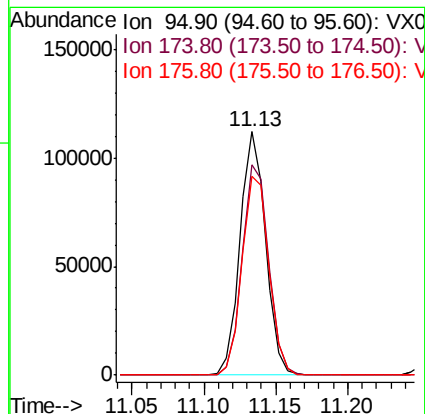
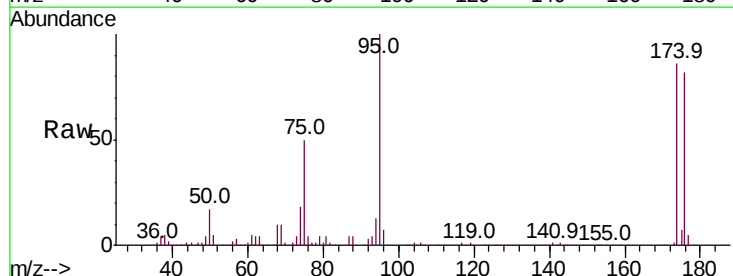
Tgt Ion: 95 Resp: 138333

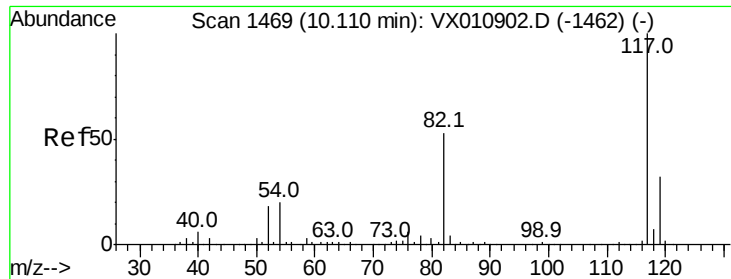
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.6

176 86.2 0.0 173.8





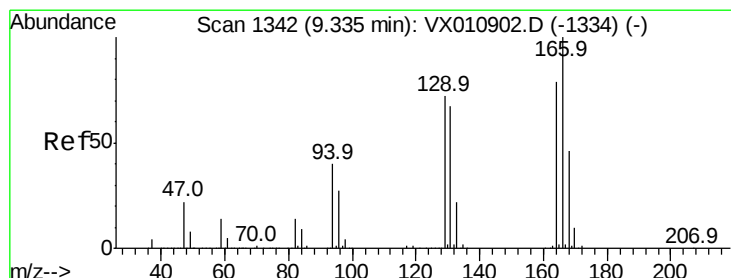
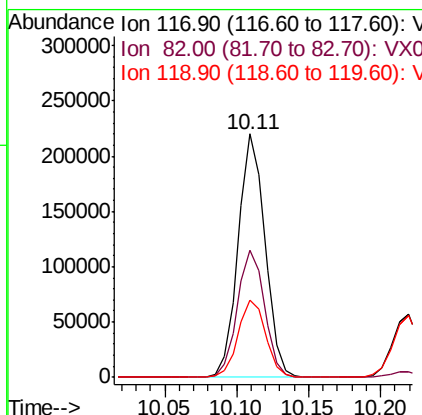
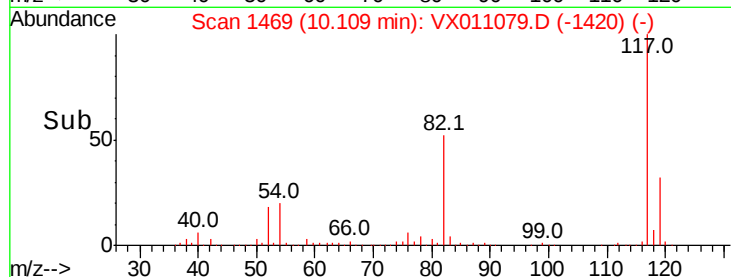
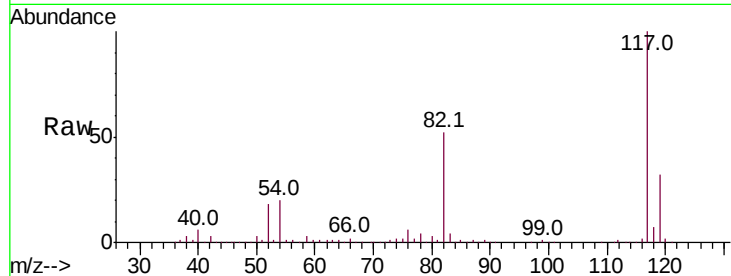
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	63.8
119	31.5	25.9	38.9

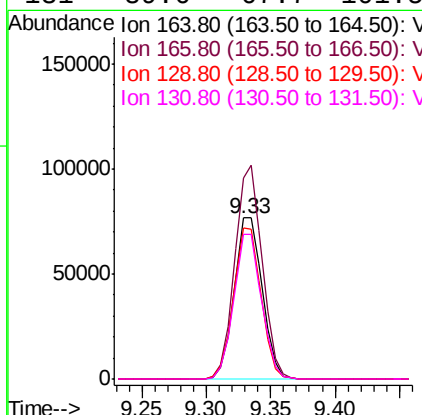
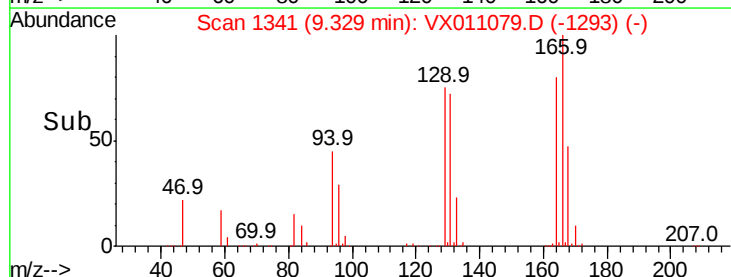
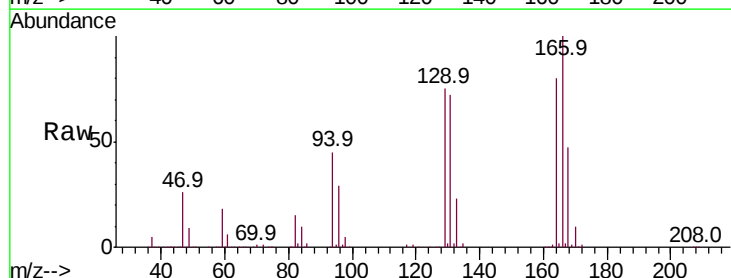
Manual Integrations
APPROVED

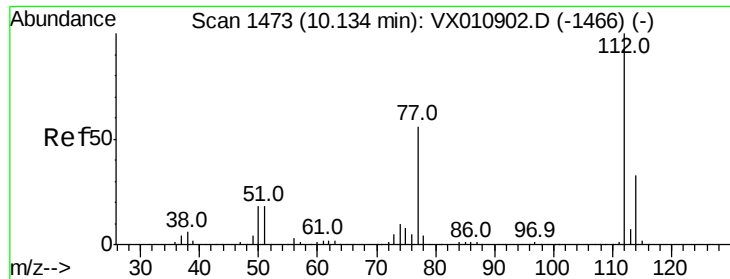
MMDadoda
7/29/2019 11:53:49 AM



#64
Tetrachloroethene
Concen: 51.462 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	100.8	151.2
129	93.8	72.6	109.0
131	89.6	67.7	101.5





#65

Chlorobenzene

Concen: 51.410 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 303206

Ion Ratio Lower Upper

112 100

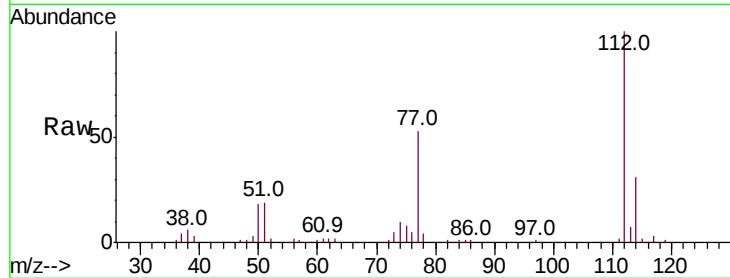
114 30.9 26.2 39.4

Manual Integrations

APPROVED

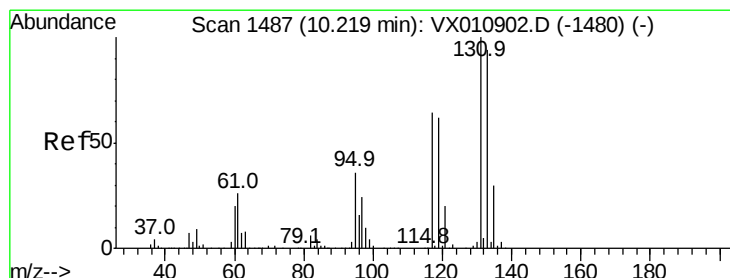
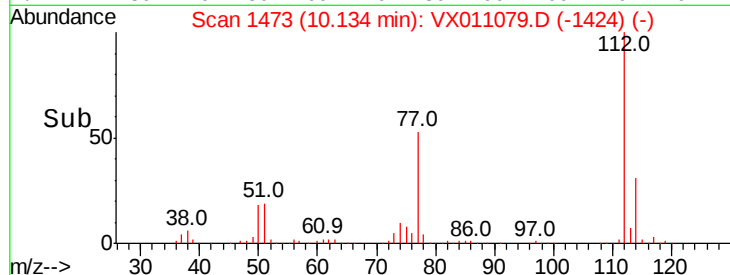
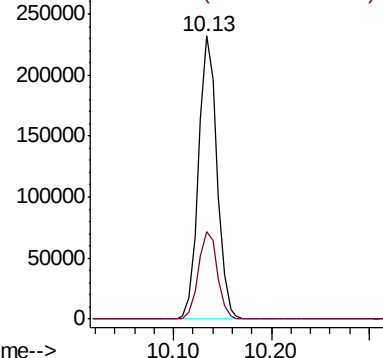
MMDadoda

7/29/2019 11:53:49 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.885 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

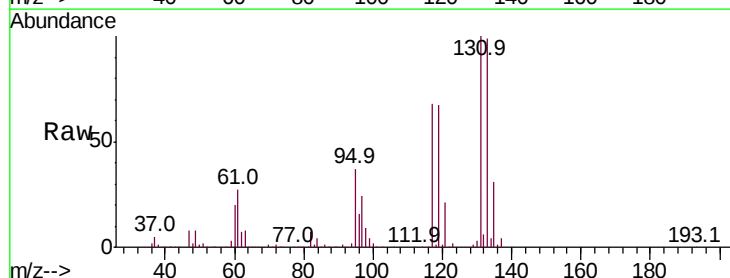
Tgt Ion:131 Resp: 113765

Ion Ratio Lower Upper

131 100

133 96.4 47.1 141.4

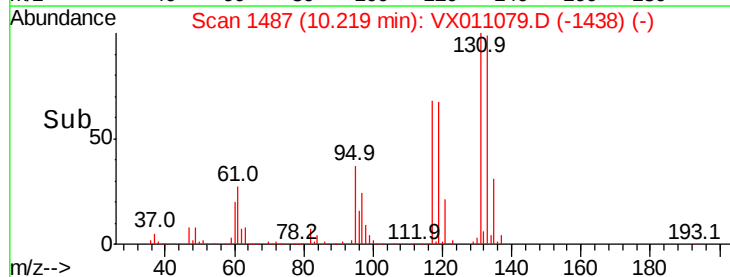
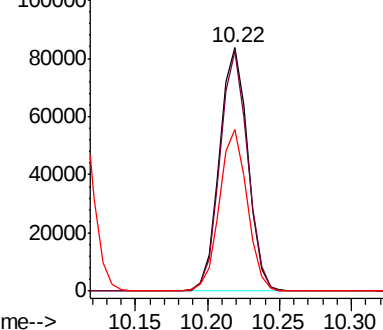
119 65.1 31.9 95.7

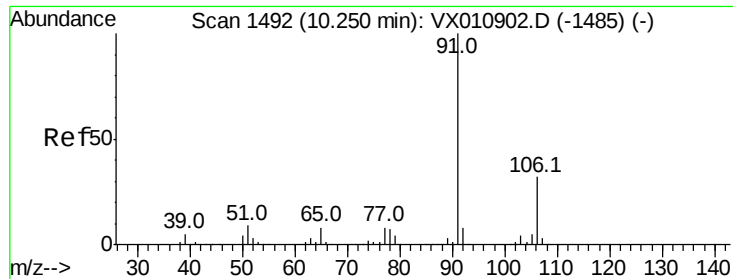


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





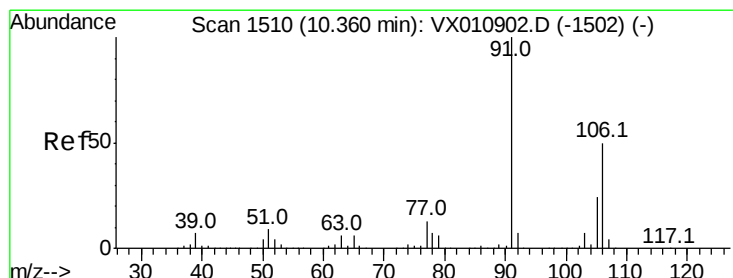
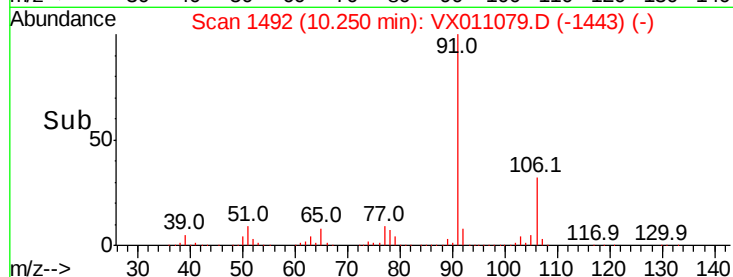
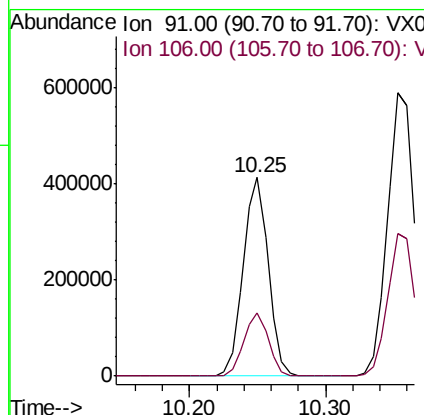
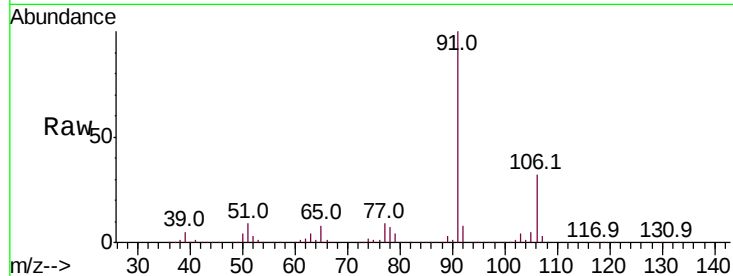
#67
Ethyl Benzene
Concen: 52.807 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 530116
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2

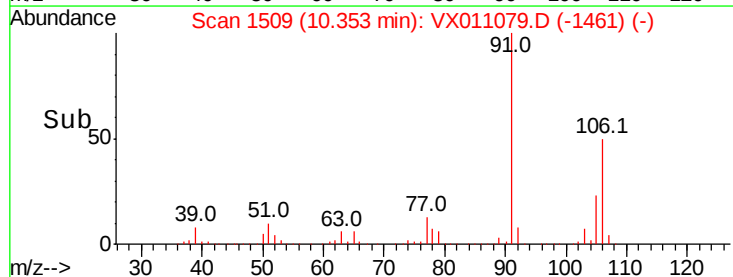
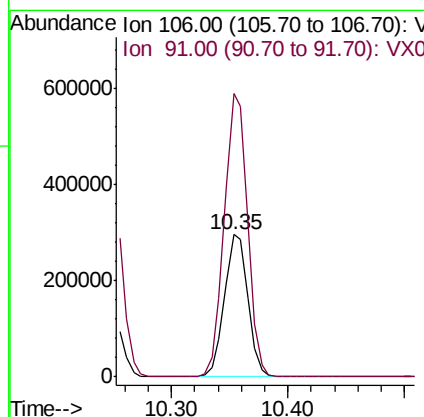
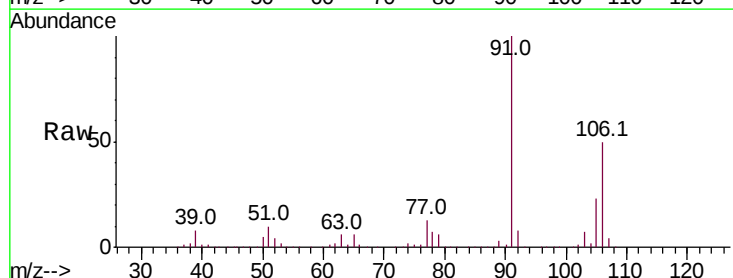
Manual Integrations
APPROVED

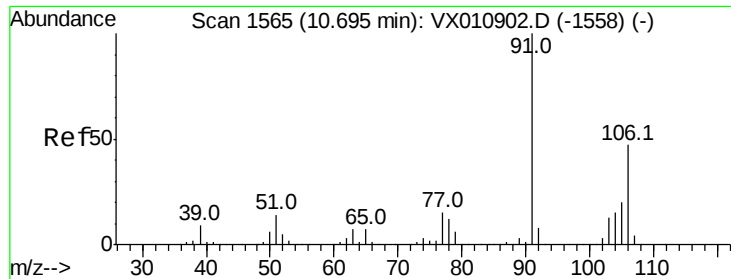
MMDadoda
7/29/2019 11:53:49 AM



#68
m/p-Xylenes
Concen: 106.048 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 106 Resp: 408367
Ion Ratio Lower Upper
106 100
91 199.1 160.1 240.1





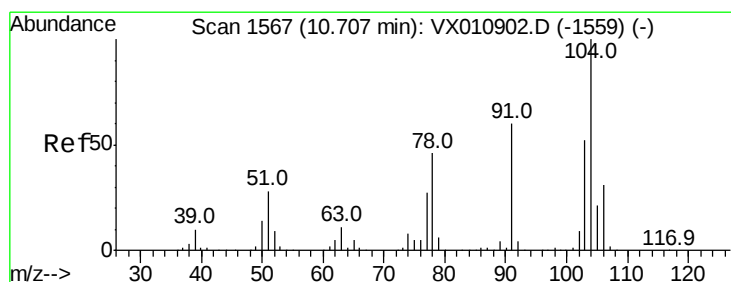
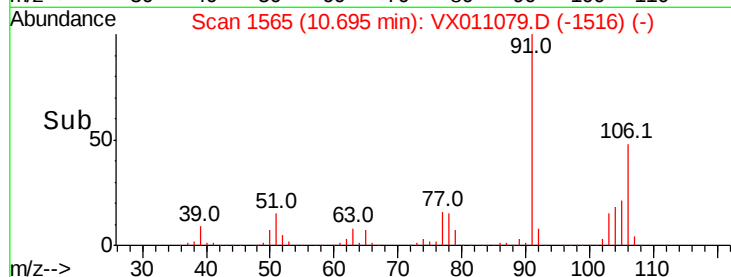
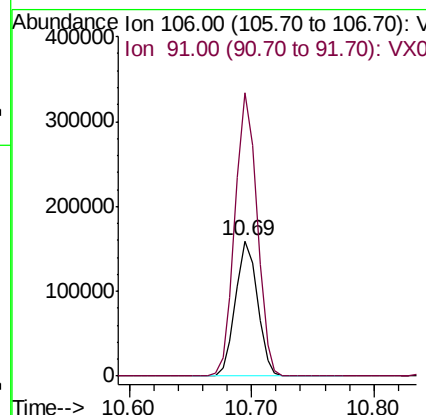
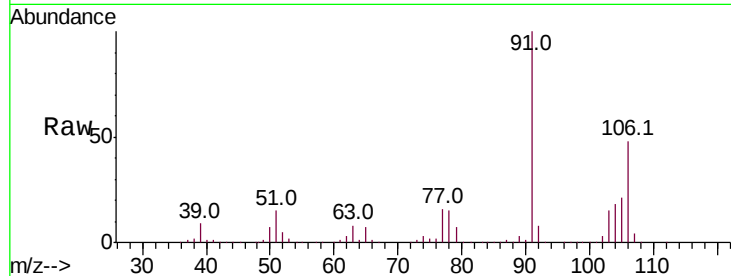
#69
o-Xylene
Concen: 52.608 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		197709		
91	210.2	105.1	315.3		

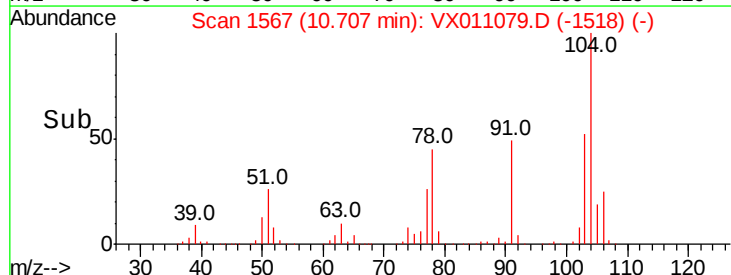
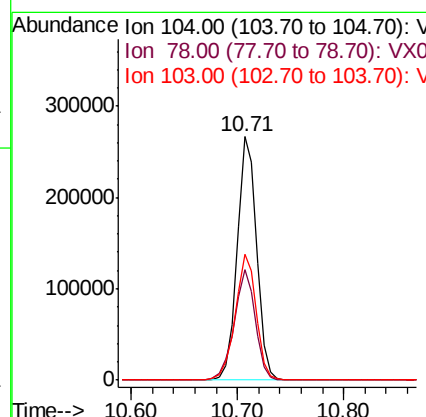
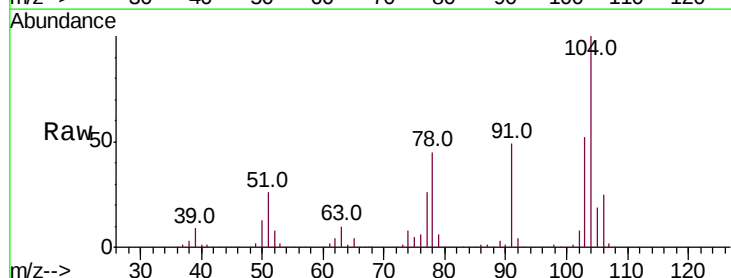
Manual Integrations
APPROVED

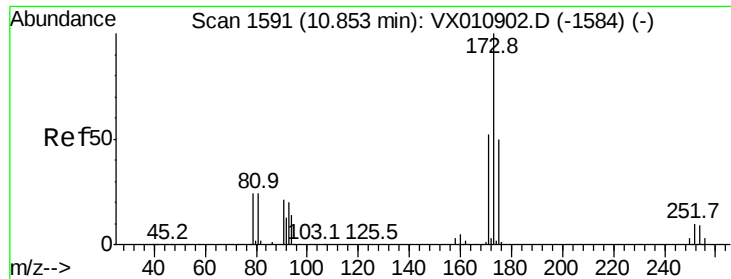
MMDadoda
7/29/2019 11:53:49 AM



#70
Styrene
Concen: 54.606 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		342100		
78	49.1	38.8	58.2		
103	55.5	44.2	66.4		





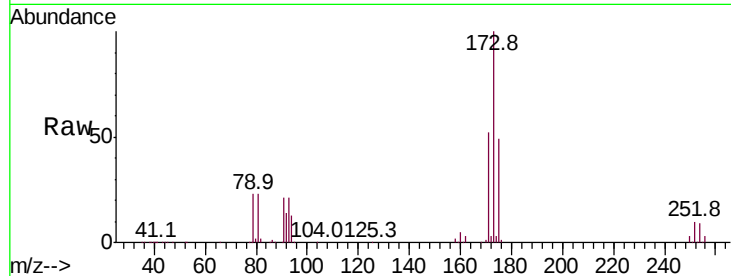
#71
Bromoform
Concen: 49.413 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.6	73.6
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM

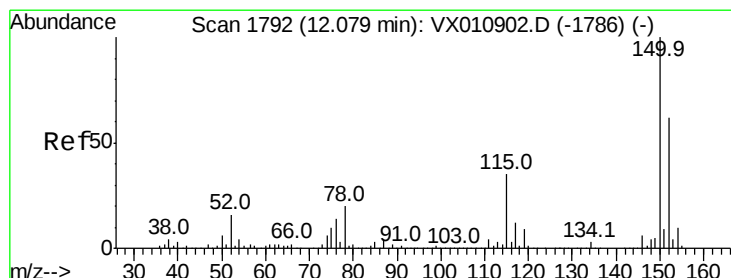
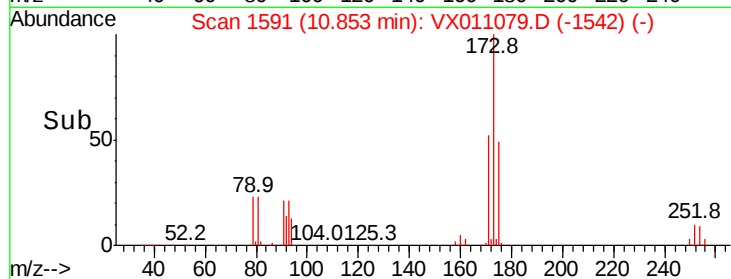
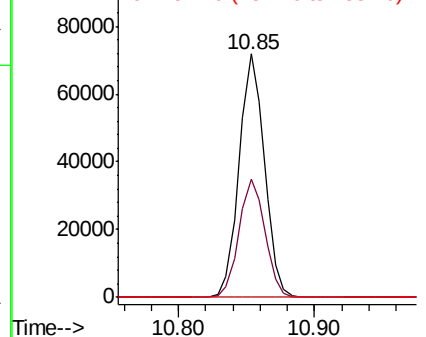


Abundance

Ion 172.70 (172.40 to 173.40): V

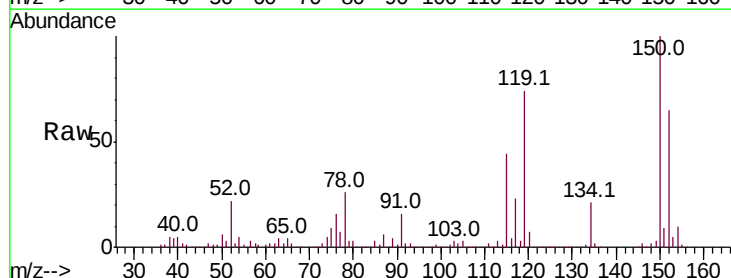
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.1	39.7	119.1
150	172.7	0.0	345.6

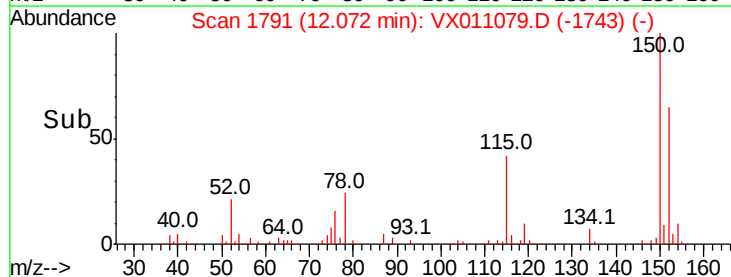
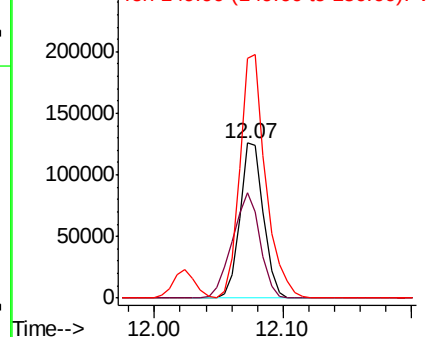


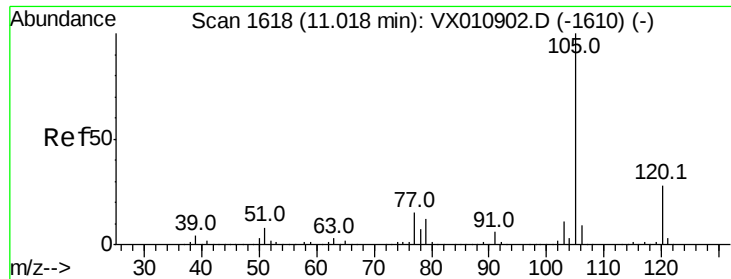
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.536 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 542694

Ion Ratio Lower Upper

105 100

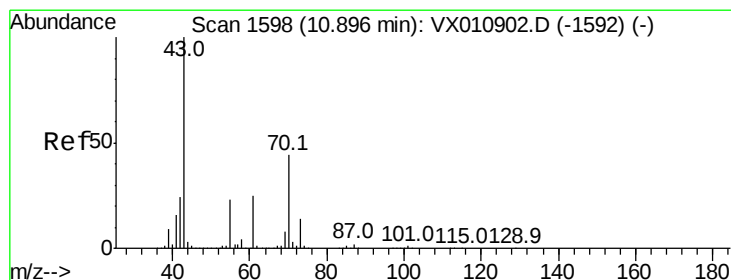
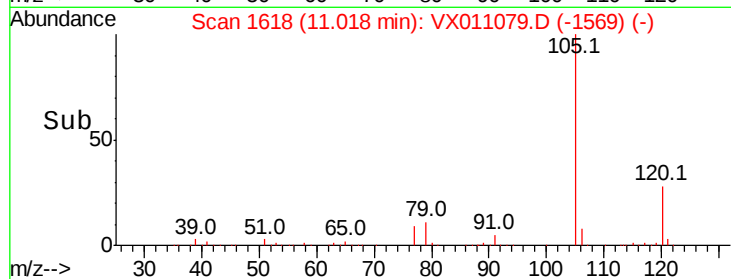
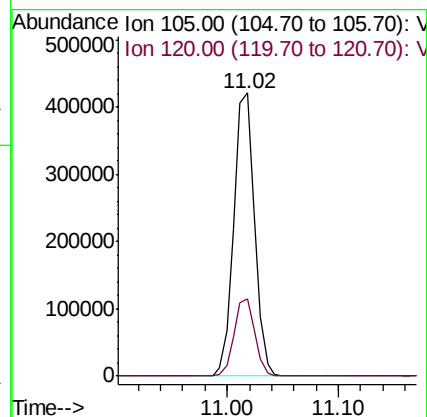
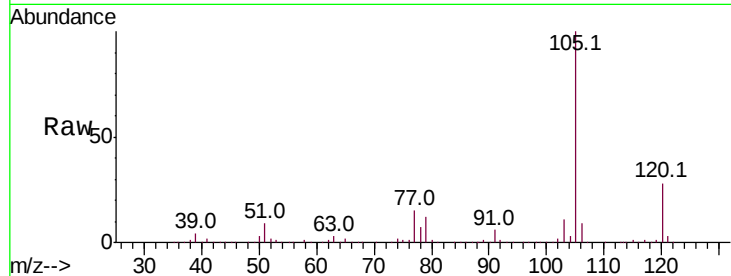
120 27.3 13.7 41.1

Manual Integrations

APPROVED

MMDadoda

7/29/2019 11:53:49 AM



#74

N-ethyl acetate

Concen: 49.939 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion: 43 Resp: 204909

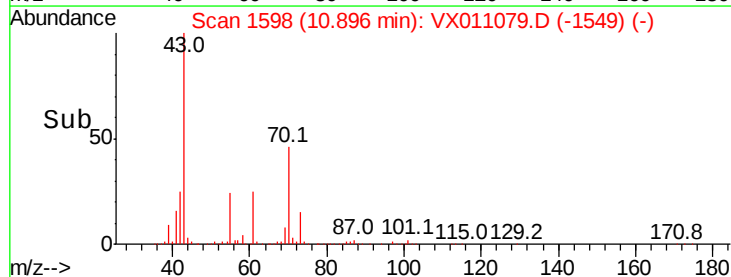
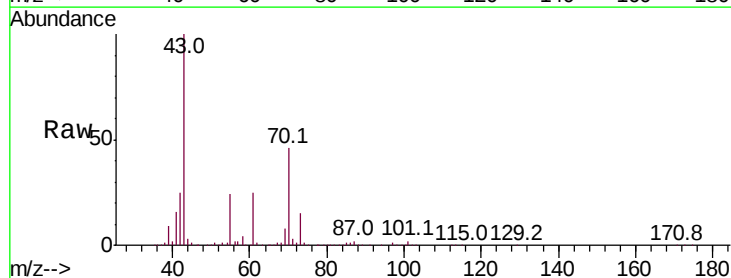
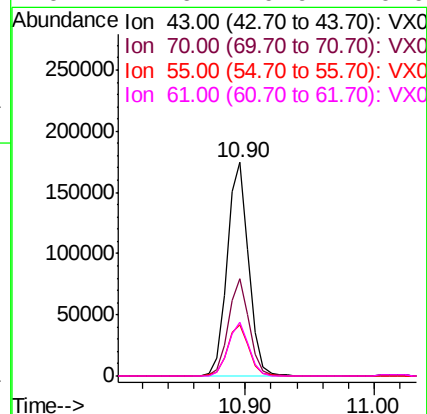
Ion Ratio Lower Upper

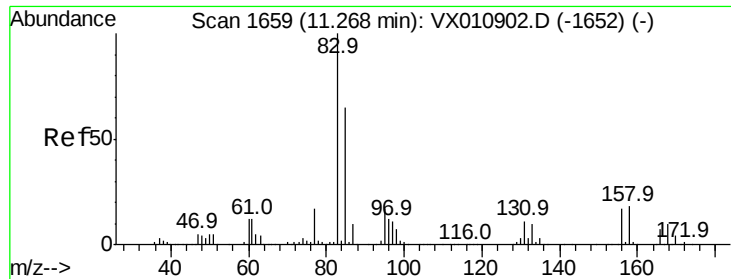
43 100

70 44.2 34.7 52.1

55 24.2 19.1 28.7

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.606 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 170816

Ion Ratio Lower Upper

83 100

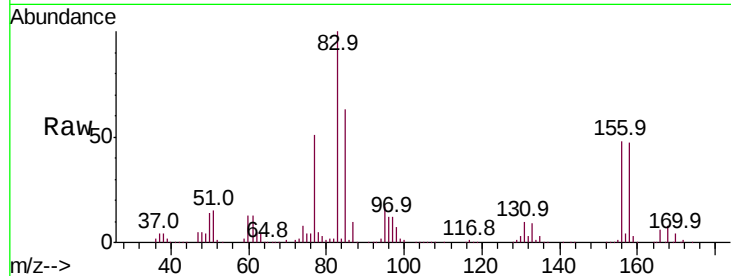
131 11.2 5.5 16.4

85 64.0 32.3 96.9

Manual Integrations
APPROVED

MMDadoda

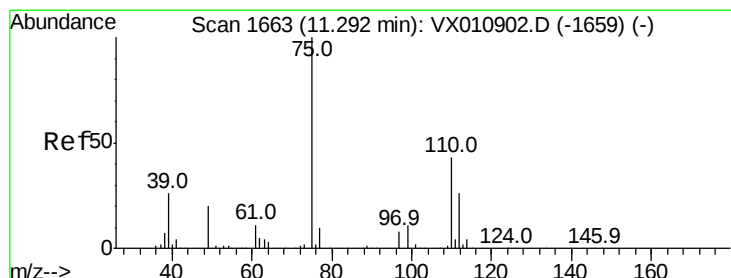
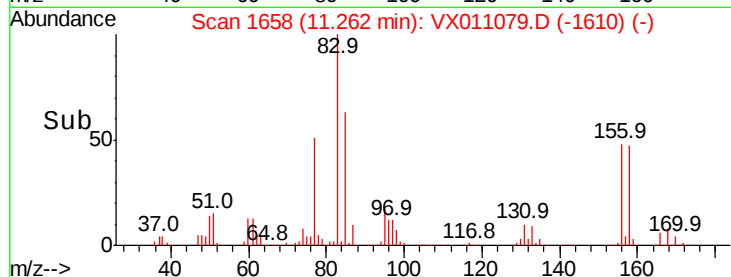
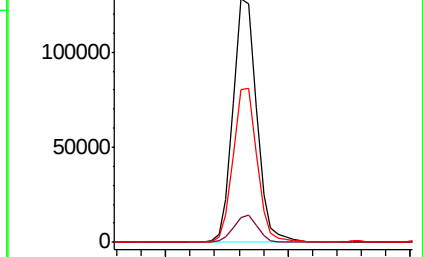
7/29/2019 11:53:49 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.729 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011079.D

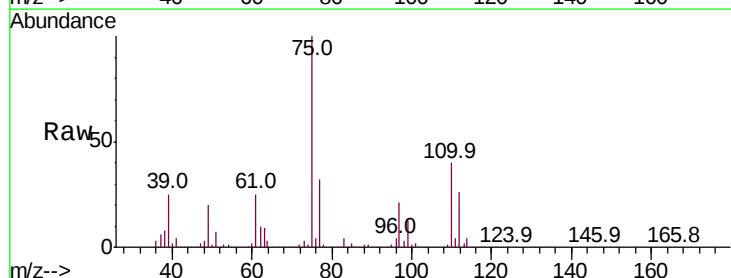
Acq: 26 Jul 2019 10:15

Tgt Ion: 75 Resp: 145486

Ion Ratio Lower Upper

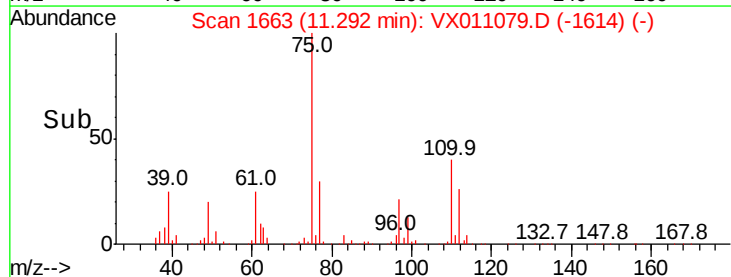
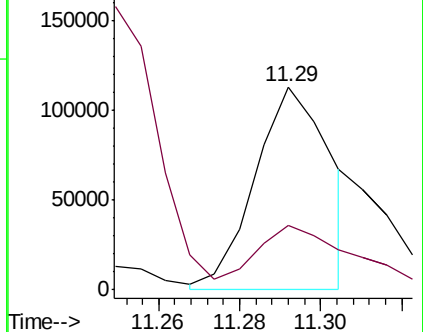
75 100

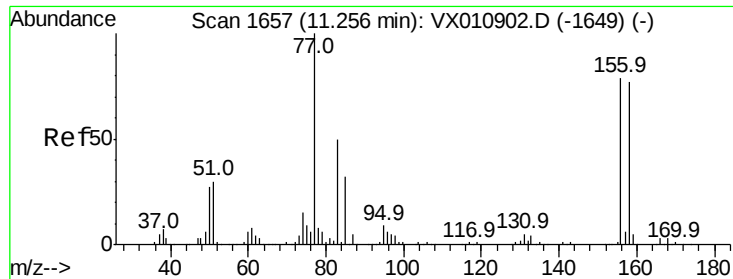
77 41.8 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.585 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

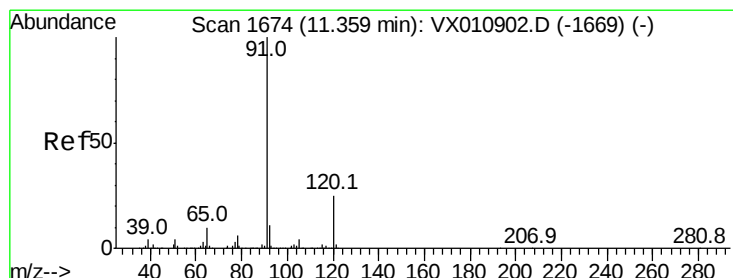
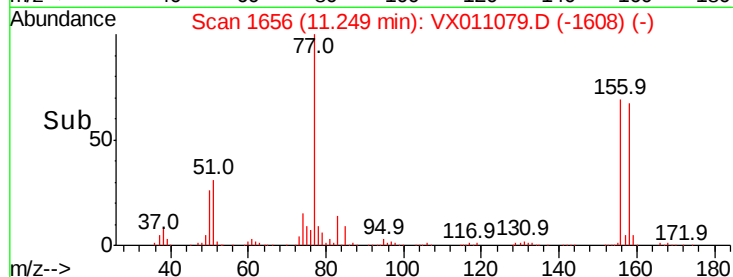
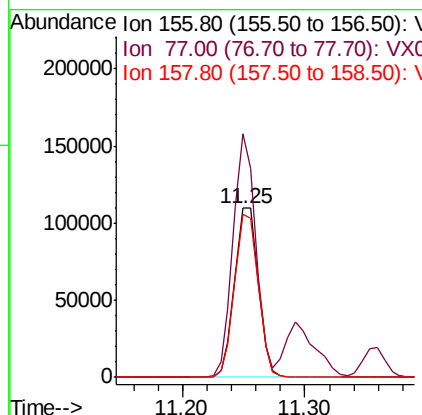
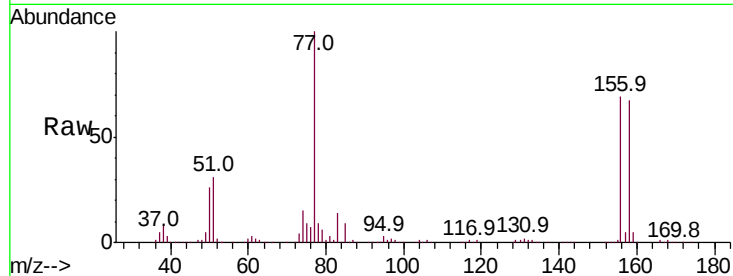
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.2	68.7	206.1
158	96.0	47.9	143.7

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#78

n-propylbenzene

Concen: 52.470 ug/l

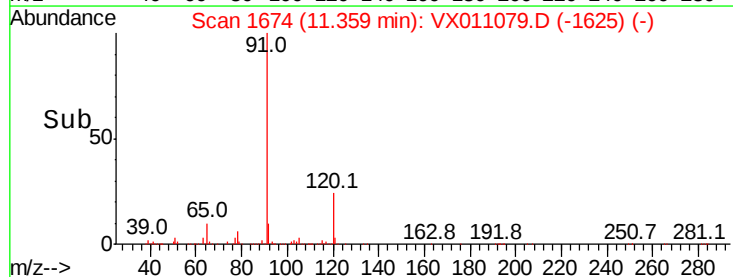
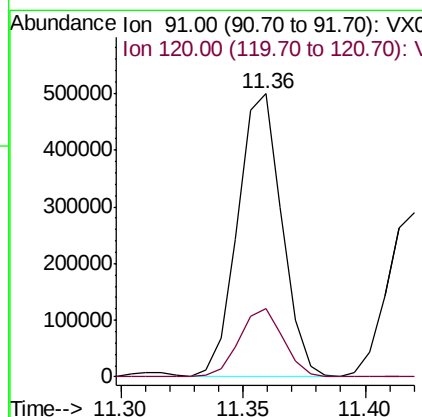
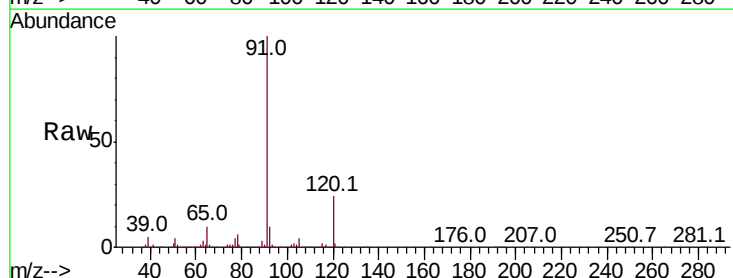
RT: 11.36 min Scan# 1674

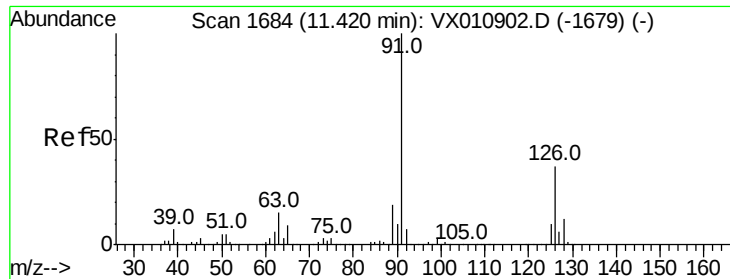
Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.3	36.8





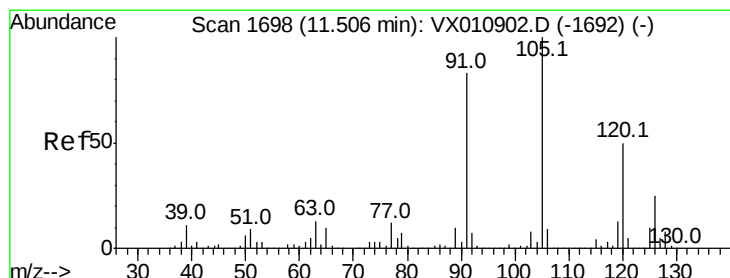
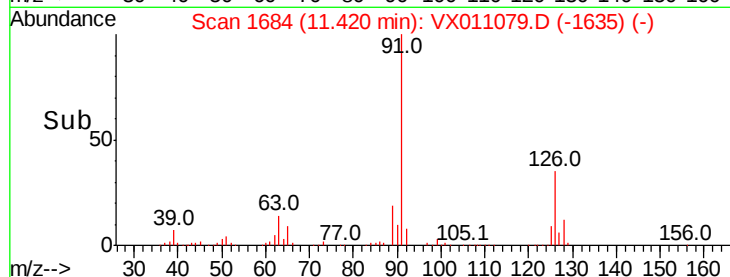
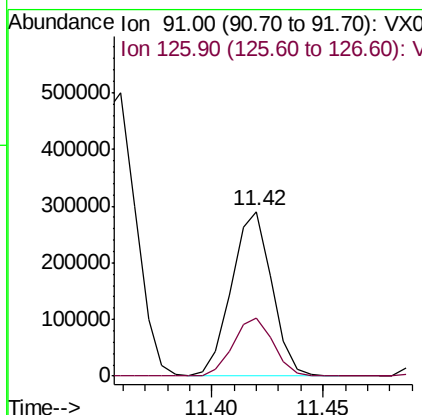
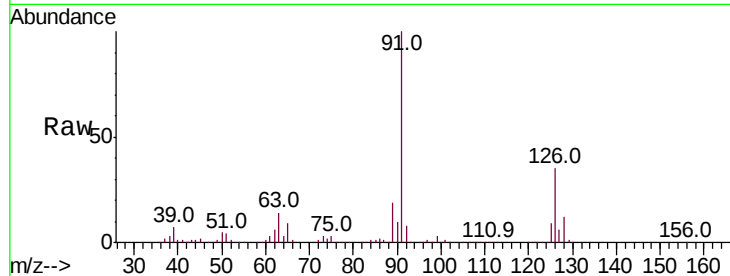
#79
2-Chlorotoluene
Concen: 51.114 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 364329
Ion Ratio Lower Upper
91 100
126 35.7 18.0 54.0

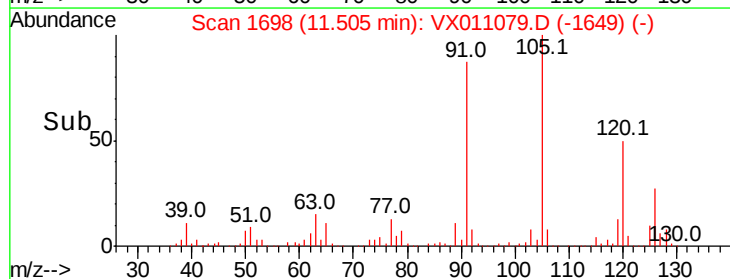
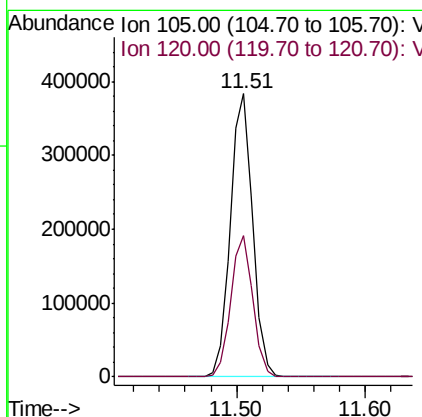
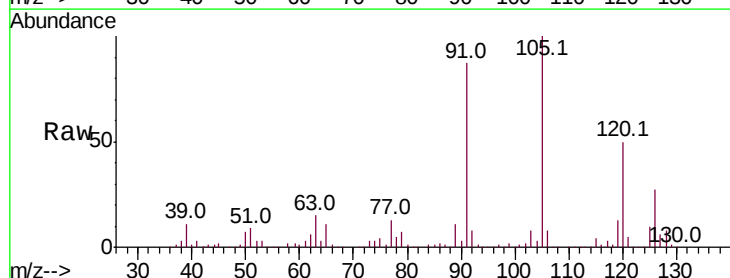
Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.796 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion: 105 Resp: 464774
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8





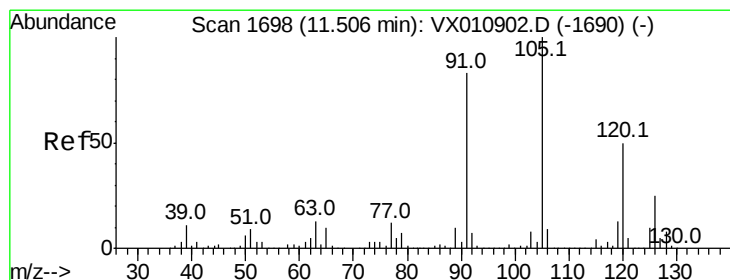
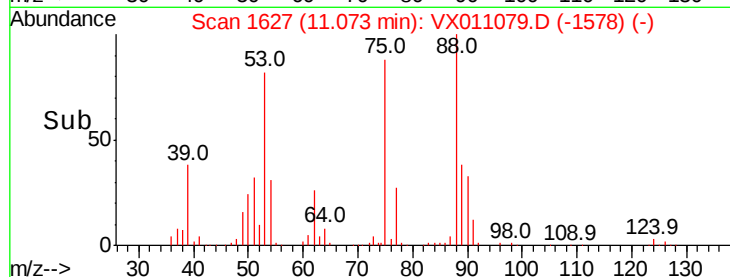
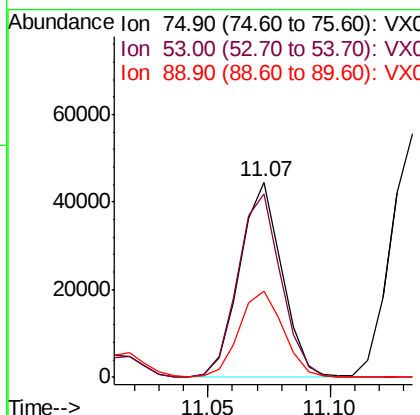
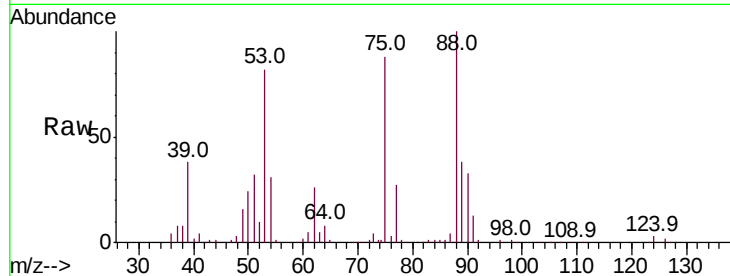
#81
trans-1,4-Dichloro-2-butene
Concen: 47.330 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	76.7	115.1
89	46.3	38.5	57.7

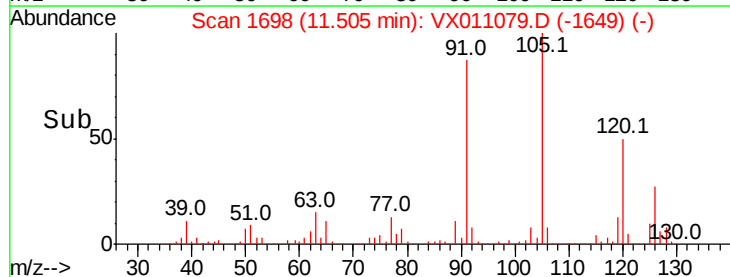
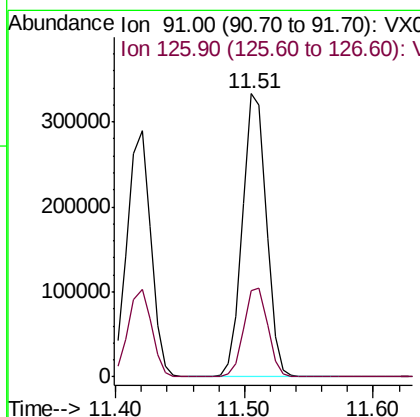
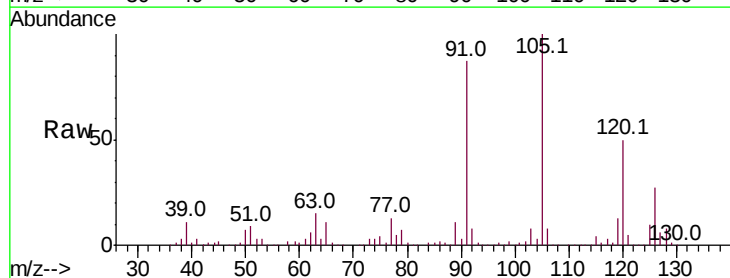
Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#82
4-Chlorotoluene
Concen: 51.517 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.9	47.7





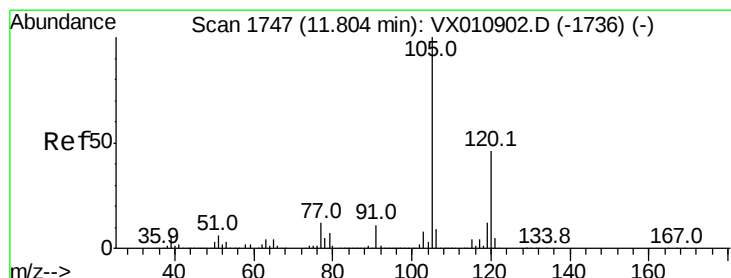
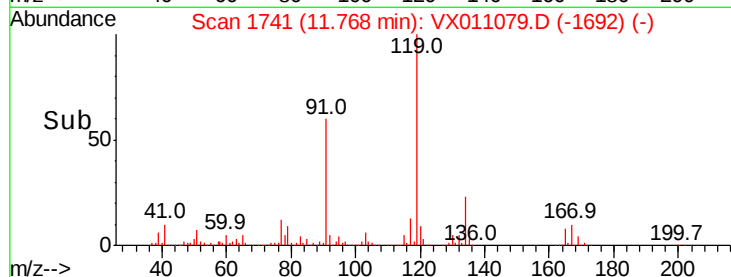
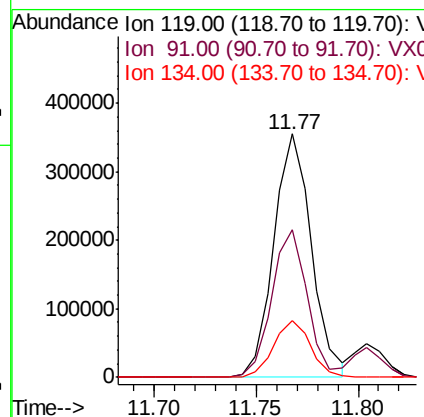
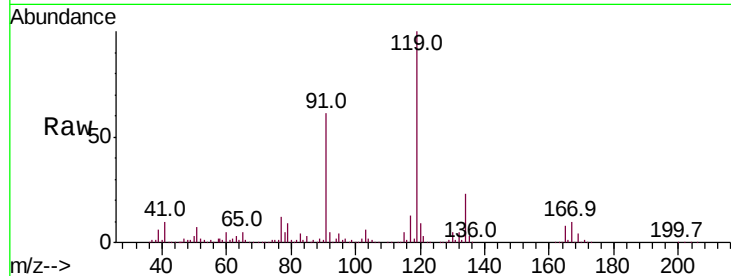
#83
tert-Butylbenzene
Concen: 51.852 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	457025		
91	57.9	28.6	85.8	
134	23.0	11.6	34.8	

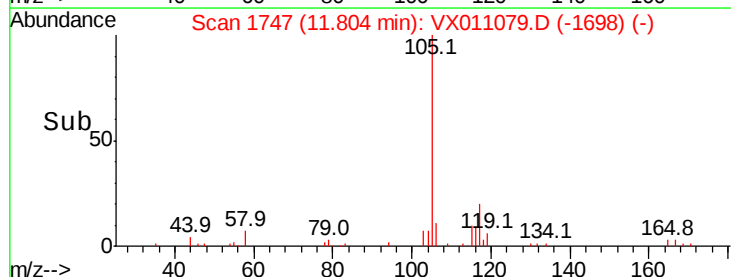
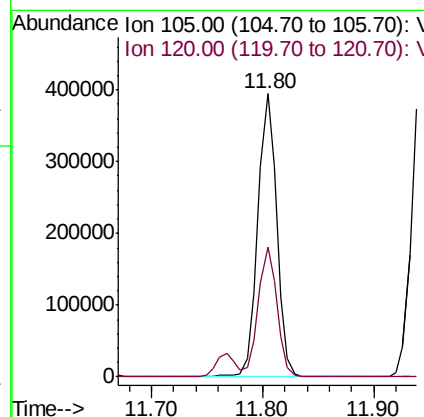
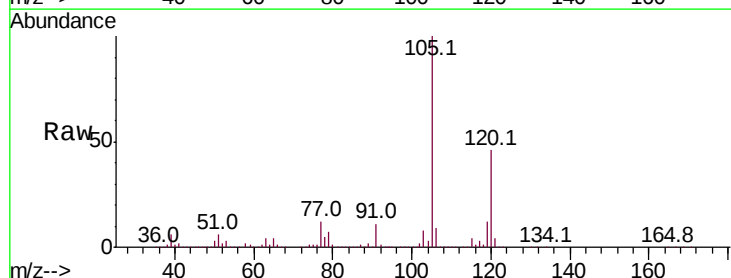
Manual Integrations
APPROVED

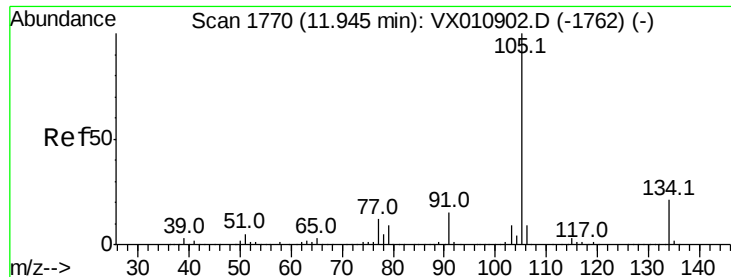
MMDadoda
7/29/2019 11:53:49 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.654 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	467166		
120	45.6	22.9	68.5	





#85

sec-Butylbenzene

Concen: 53.017 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 547538

Ion Ratio Lower Upper

105 100

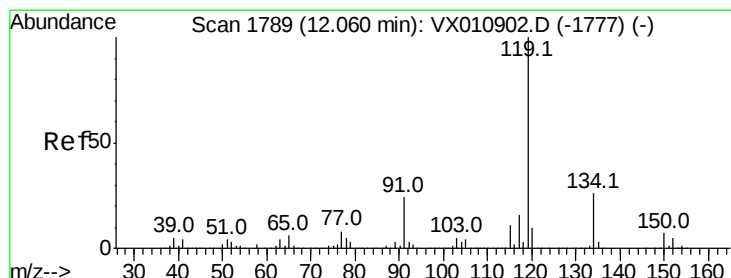
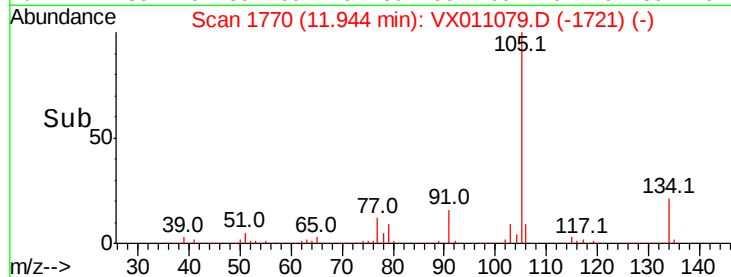
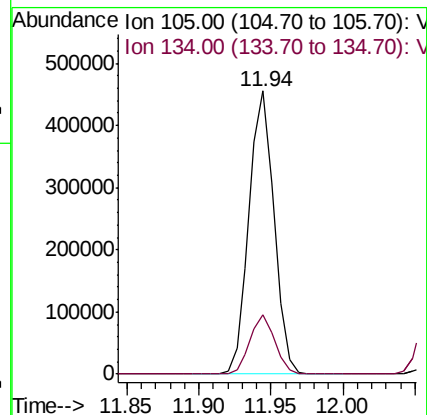
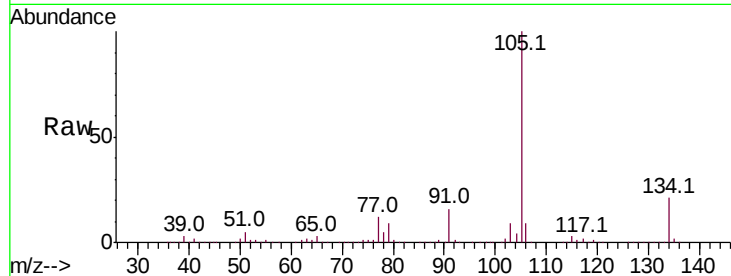
134 20.9 10.4 31.4

Manual Integrations

APPROVED

MMDadoda

7/29/2019 11:53:49 AM



#86

p-Isopropyltoluene

Concen: 53.726 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

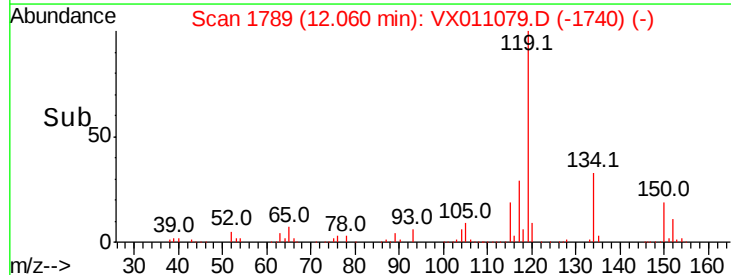
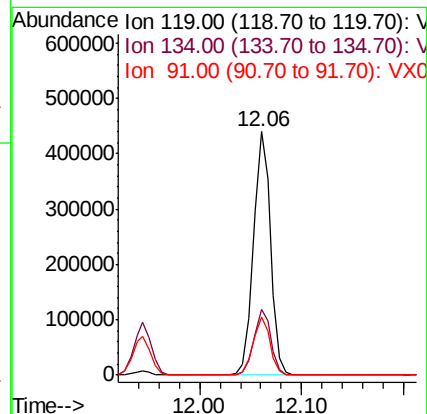
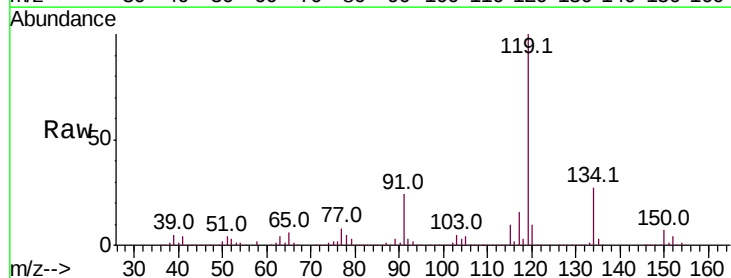
Tgt Ion:119 Resp: 512975

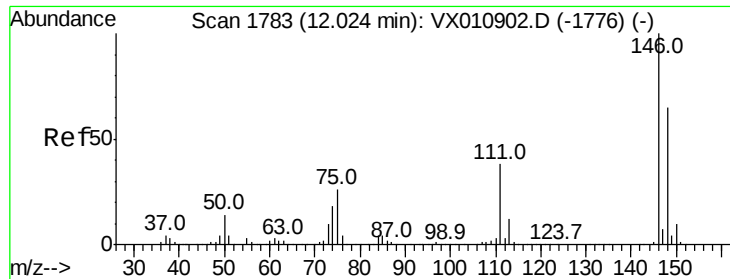
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.6 11.8 35.4





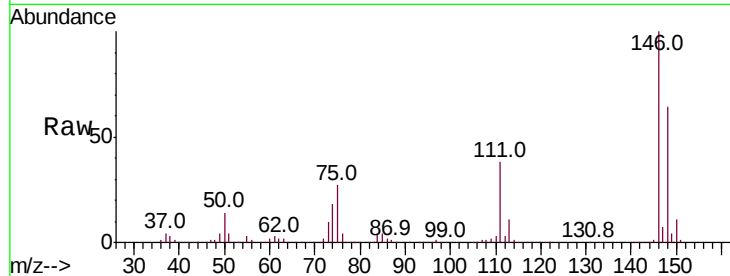
#87
 1,3-Dichlorobenzene
 Concen: 51.567 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.4	32.2	96.6

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:49 AM

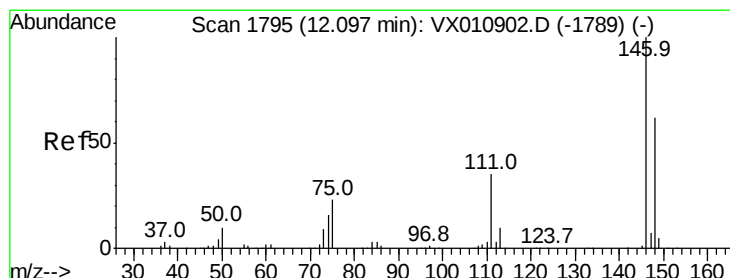
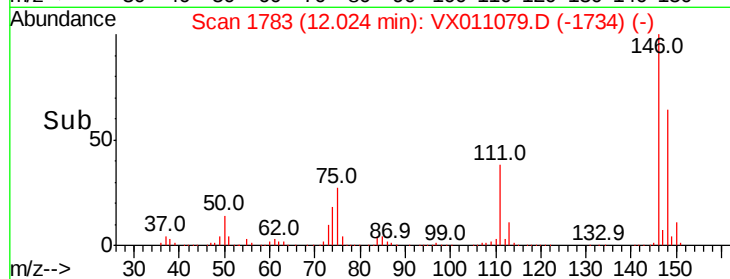
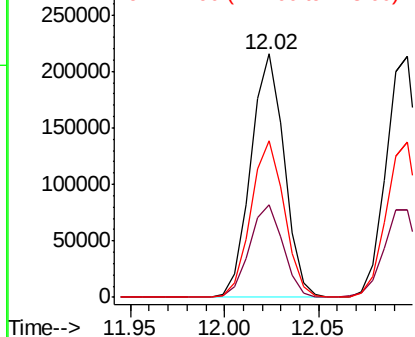


Abundance

Ion 145.90 (145.60 to 146.60): V

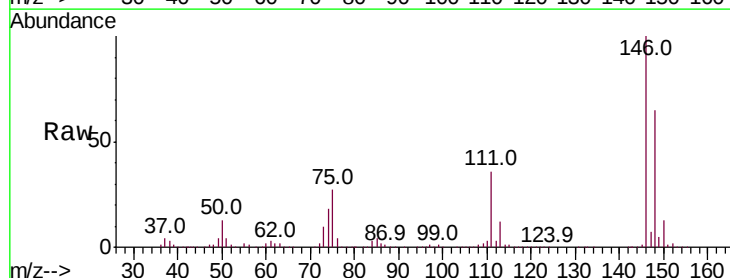
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 50.030 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.8
148	64.1	31.6	94.7

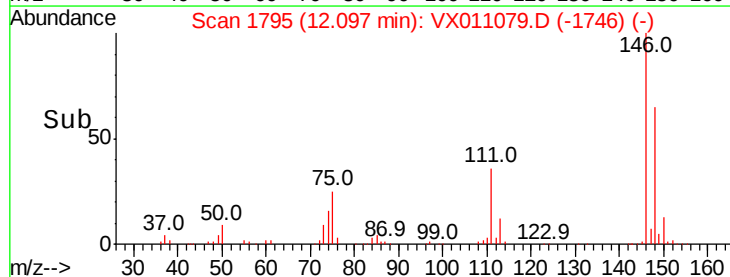
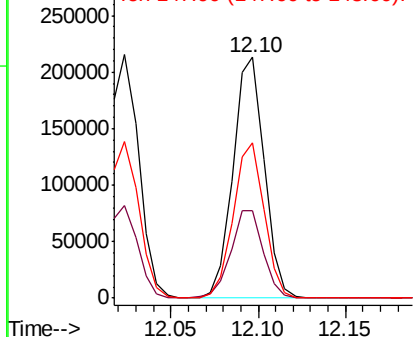


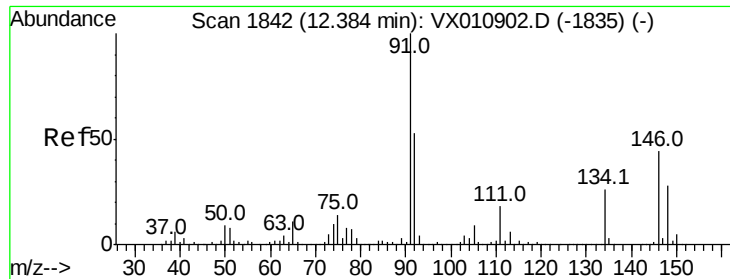
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





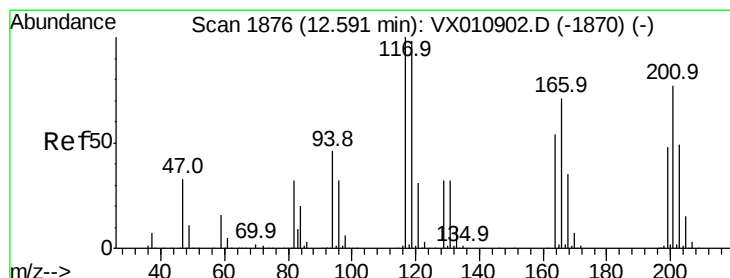
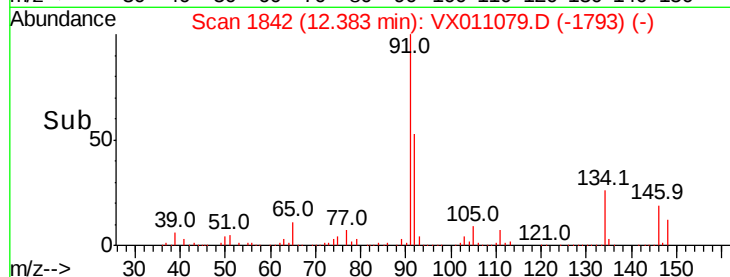
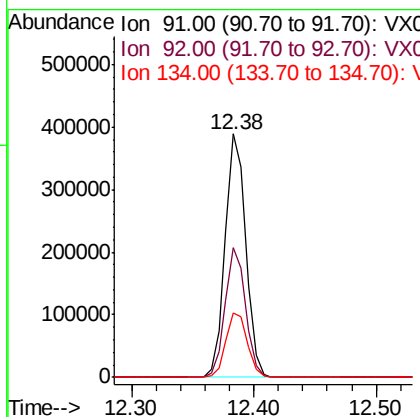
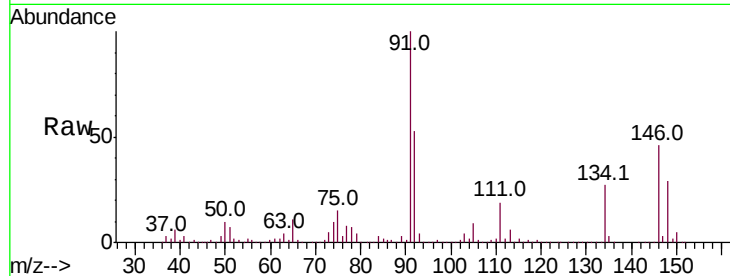
#89
n-Butylbenzene
Concen: 55.349 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	27.3	13.8	41.3

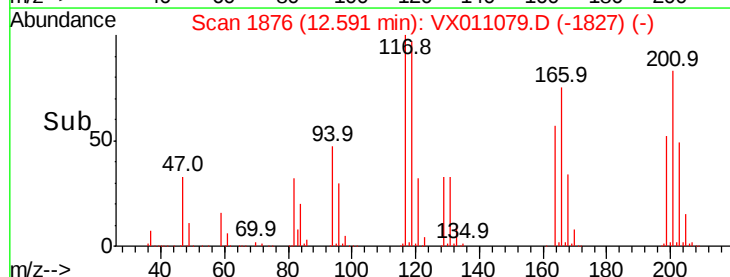
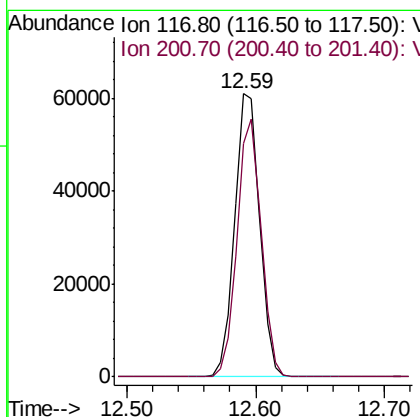
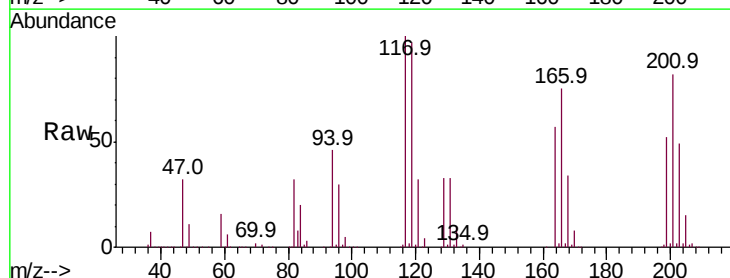
Manual Integrations
APPROVED

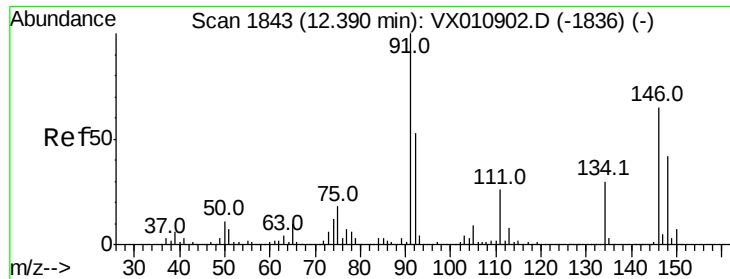
MMDadoda
7/29/2019 11:53:49 AM



#90
Hexachloroethane
Concen: 54.656 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	43.3	129.8





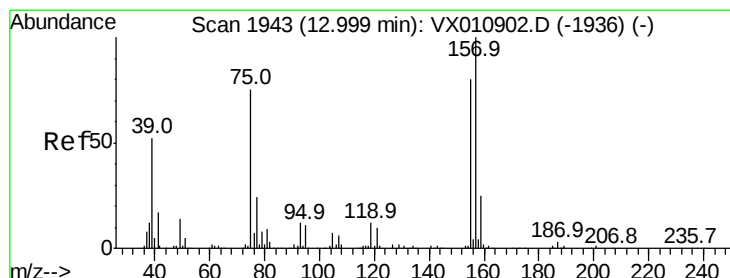
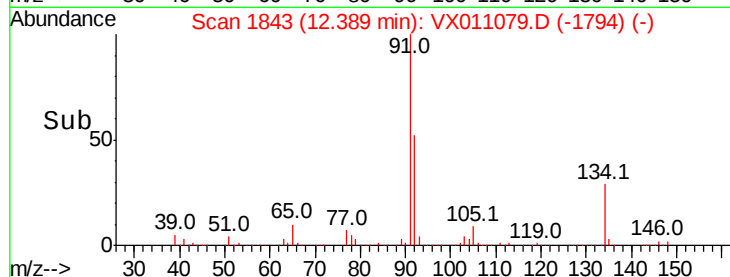
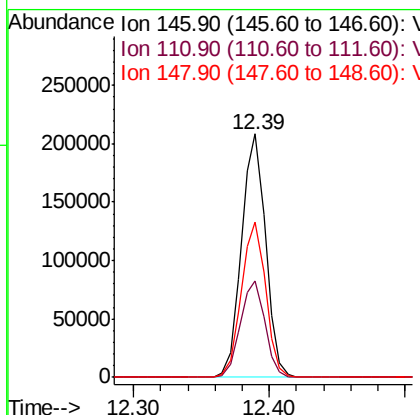
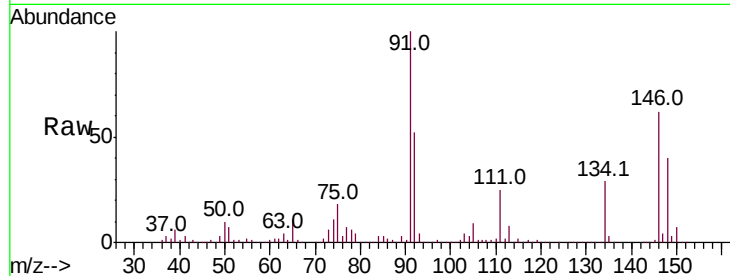
#91
 1,2-Dichlorobenzene
 Concen: 50.528 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.0	32.0	96.2

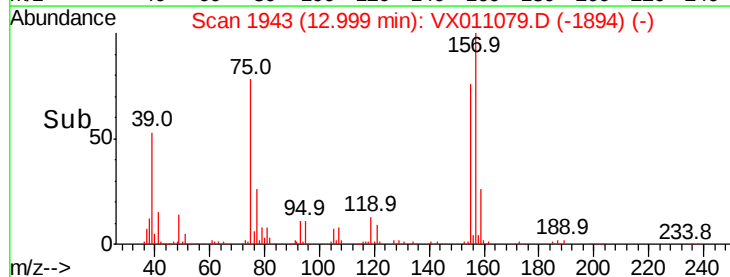
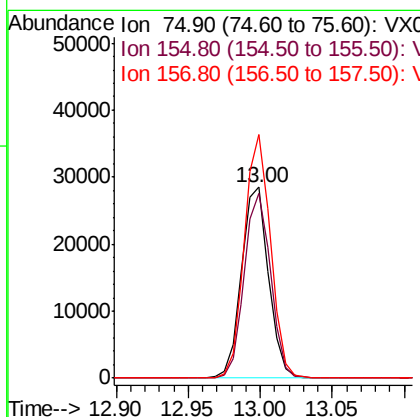
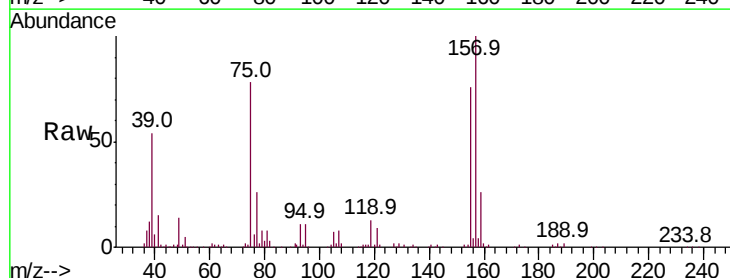
Manual Integrations
 APPROVED

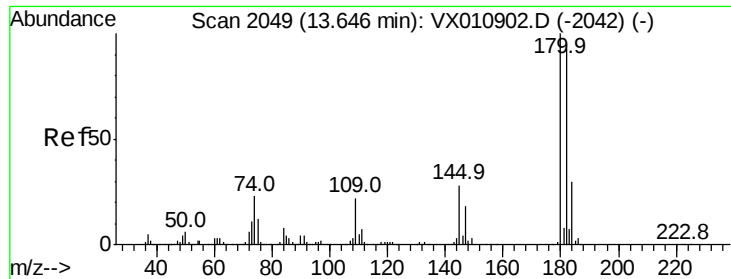
MMDadoda
 7/29/2019 11:53:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.490 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011079.D
 Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	48.7	146.1
157	122.5	62.5	187.6





#93

1,2,4-Trichlorobenzene

Concen: 54.389 ug/l

RT: 13.64 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Instrument :

MSVOA_X

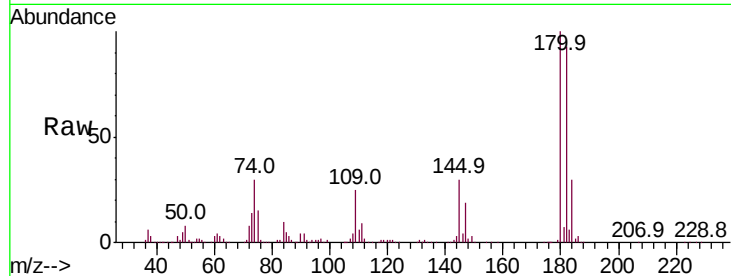
ClientSampleId :

VSTDCCC050

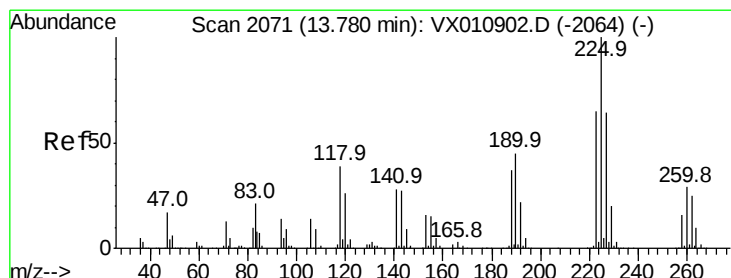
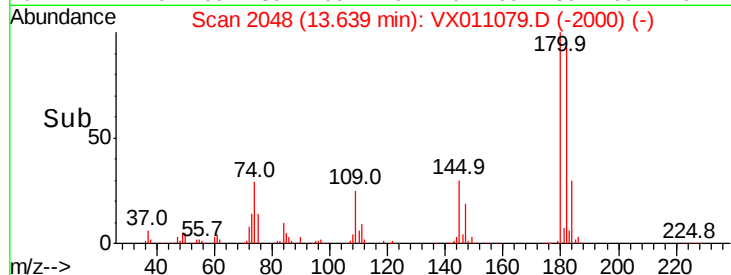
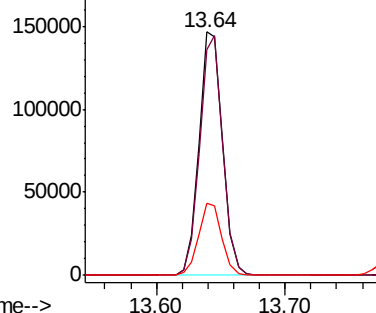
Tot Ion:	180	Resp:	187788
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.1	141.3
145	29.2	14.8	44.4

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



Abundance Ion 179.80 (179.50 to 180.50): V
200000
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 53.970 ug/l

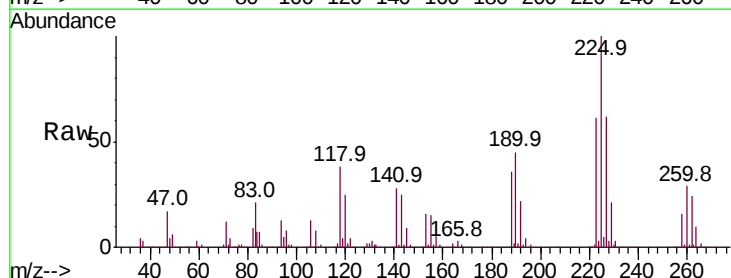
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

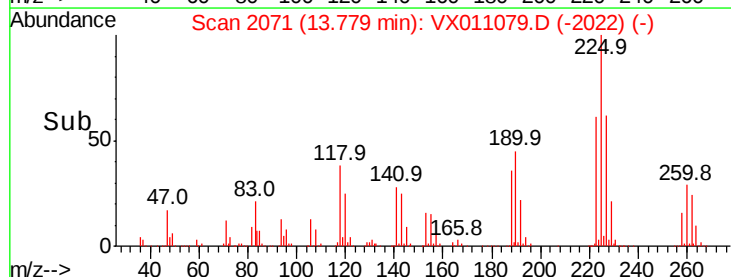
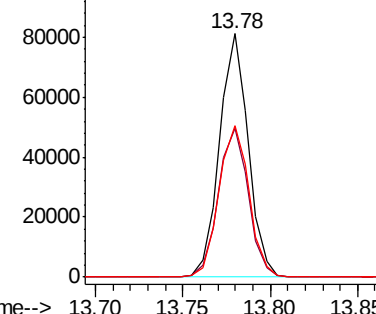
Lab File: VX011079.D

Acq: 26 Jul 2019 10:15

Tgt Ion:	225	Resp:	92341
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.9	95.9
227	65.2	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
100000
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





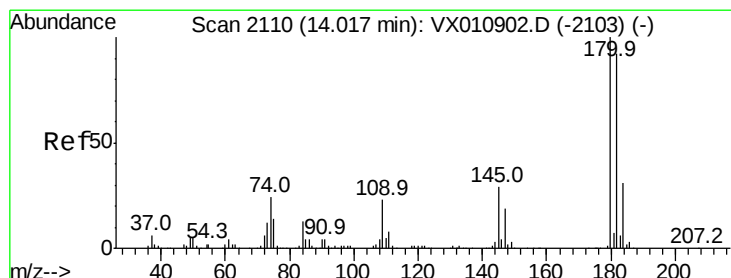
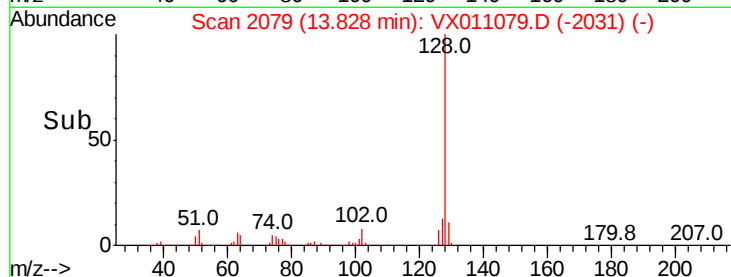
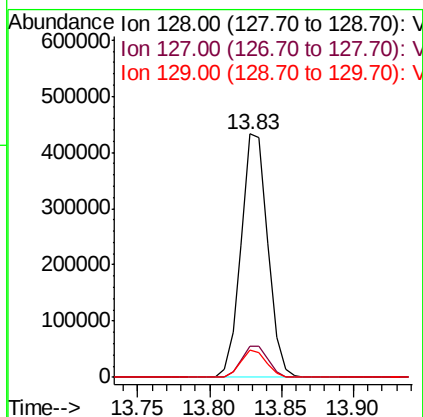
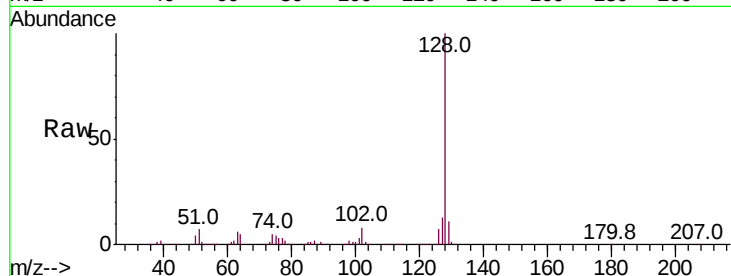
#95
Naphthalene
Concen: 54.463 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.805 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011079.D
Acq: 26 Jul 2019 10:15

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.2	47.4	142.3
145	31.4	15.1	45.3

