

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009843.D
 Acq On : 23 May 2019 07:31
 Operator : JC/SP
 Sample : K2976-10MS 50X
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:38:50 AM

Quant Time: May 23 09:16:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139497	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114810	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	81616	43.83	ug/l	0.00
Spiked Amount			Recovery	=	87.66%	
50) Toluene-d8	8.71	98	330284	43.93	ug/l	0.00
Spiked Amount			Recovery	=	87.86%	
62) 4-Bromofluorobenzene	11.13	95	127546	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	66048	40.121	ug/l	99
3) Chloromethane	1.32	50	102111	45.432	ug/l	98
4) Vinyl Chloride	1.41	62	100770	45.980	ug/l	99
5) Bromomethane	1.64	94	57705	43.867	ug/l	99
6) Chloroethane	1.71	64	64156	45.594	ug/l	98
7) Trichlorofluoromethane	1.92	101	119510	44.860	ug/l	98
8) Diethyl Ether	2.19	74	57471	45.543	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68930	41.203	ug/l	98
10) Methyl Iodide	2.51	142	74465	39.384	ug/l	99
11) Tert butyl alcohol	3.05	59	144750	256.422	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76061	45.377	ug/l	99
13) Acrolein	2.29	56	89250	174.579	ug/l	99
14) Allyl chloride	2.73	41	180507	44.189	ug/l	99
15) Acrylonitrile	3.14	53	319590	231.546	ug/l	100
16) Acetone	2.45	43	285156	217.761	ug/l	97
17) Carbon Disulfide	2.57	76	220238	46.799	ug/l	99
18) Methyl Acetate	2.78	43	141191	45.337	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	297798	45.751	ug/l	100
20) Methylene Chloride	2.85	84	91808	43.301	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	83168	45.751	ug/l	98
22) Diisopropyl ether	3.85	45	370532	47.167	ug/l	97
23) Vinyl Acetate	3.81	43	1620798	240.941	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175809	45.366	ug/l	99
25) 2-Butanone	4.67	43	479405	235.591	ug/l	97
26) 2,2-Dichloropropane	4.59	77	75512	26.178	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	96535	44.490	ug/l	98
28) Bromochloromethane	5.01	49	95394	61.796	ug/l	96
29) Tetrahydrofuran	5.13	42	320517	244.772	ug/l	97
30) Chloroform	5.21	83	159840	45.604	ug/l	99
31) Cyclohexane	5.58	56	157753	43.754	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	130157	44.609	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121871	44.273	ug/l	99
37) Ethyl Acetate	4.83	43	180978	47.187	ug/l	98
38) Carbon Tetrachloride	5.79	117	106365	42.528	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009843.D
 Acq On : 23 May 2019 07:31
 Operator : JC/SP
 Sample : K2976-10MS 50X
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:38:50 AM

Quant Time: May 23 09:16:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135260	40.011	ug/l	98
40) Benzene	6.14	78	378150	44.388	ug/l	100
41) Methacrylonitrile	5.04	41	104145	45.616	ug/l	98
42) 1,2-Dichloroethane	6.19	62	139136	45.529	ug/l	99
43) Isopropyl Acetate	6.45	43	289518	47.192	ug/l	98
44) Trichloroethene	7.21	130	88878	43.154	ug/l	96
45) 1,2-Dichloropropane	7.51	63	107226	44.450	ug/l	98
46) Dibromomethane	7.66	93	61270	43.738	ug/l	100
47) Bromodichloromethane	7.90	83	121947	43.641	ug/l	100
48) Methyl methacrylate	7.77	41	145043	47.654	ug/l	97
49) 1,4-Dioxane	7.74	88	51438	833.341	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	959601	239.309	ug/l	98
52) Toluene	8.79	92	226609	43.759	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135788	43.042	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149076	42.692	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	91814	43.458	ug/l	96
56) Ethyl methacrylate	9.18	69	172284	45.683	ug/l	96
57) 1,3-Dichloropropane	9.37	76	165292	44.459	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	434939	217.396	ug/l	100
59) 2-Hexanone	9.49	43	732470	232.581	ug/l	99
60) Dibromochloromethane	9.58	129	91420	44.304	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94921	44.508	ug/l	99
64) Tetrachloroethene	9.34	164	84638	45.640	ug/l	98
65) Chlorobenzene	10.14	112	233663	43.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83953	42.818	ug/l	100
67) Ethyl Benzene	10.25	91	430110	43.214	ug/l	100
68) m/p-Xylenes	10.36	106	314517	86.473	ug/l	96
69) o-Xylene	10.69	106	155471	43.324	ug/l	99
70) Styrene	10.71	104	278700	44.683	ug/l	99
71) Bromoform	10.85	173	70011	43.940	ug/l #	99
73) Isopropylbenzene	11.02	105	427742	42.167	ug/l	100
74) N-amyl acetate	10.90	43	313754	53.052	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	11.27	83	183457	48.514	ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	133965m	41.401	ug/l	
77) Bromobenzene	11.26	156	103297	41.027	ug/l	97
78) n-propylbenzene	11.36	91	547981	47.301	ug/l	100
79) 2-Chlorotoluene	11.42	91	288876	40.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	380836	44.587	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44988	35.573	ug/l	87
82) 4-Chlorotoluene	11.51	91	339056	41.991	ug/l	98
83) tert-Butylbenzene	11.77	119	344567	41.469	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	864063	100.785	ug/l	99
85) sec-Butylbenzene	11.94	105	499941	50.751	ug/l	96
86) p-Isopropyltoluene	12.06	119	451613	50.996	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187934	41.871	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	189754	41.933	ug/l	98
89) n-Butylbenzene	12.38	91	474337	59.260	ug/l	92
90) Hexachloroethane	12.60	117	85911	56.942	ug/l	74
91) 1,2-Dichlorobenzene	12.39	146	185963	40.677	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37231	43.888	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009843.D
Acq On : 23 May 2019 07:31
Operator : JC/SP
Sample : K2976-10MS 50X
Misc : 6.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

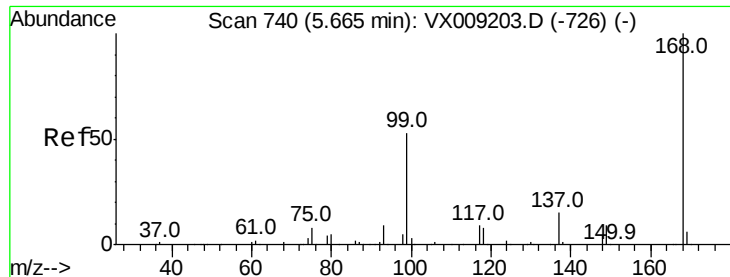
Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM

Quant Time: May 23 09:16:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	133999	42.862	ug/l	99
94) Hexachlorobutadiene	13.78	225	66525	41.670	ug/l	99
95) Naphthalene	13.83	128	440470	43.306	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132795	41.905	ug/l	98

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



#1

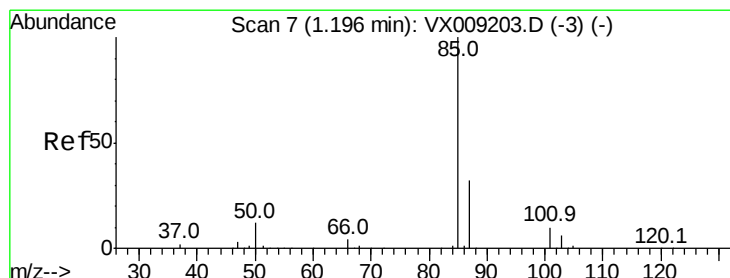
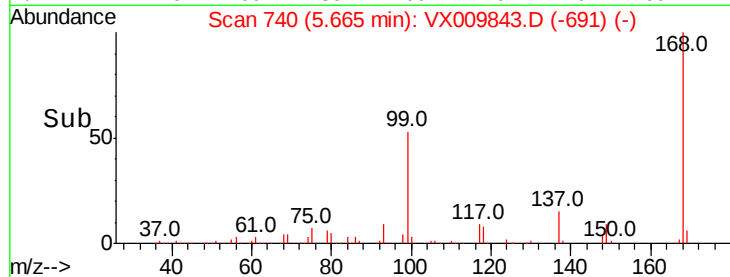
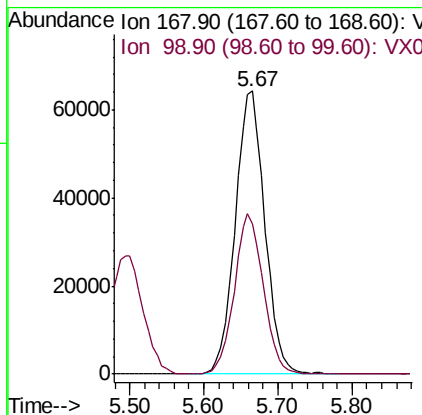
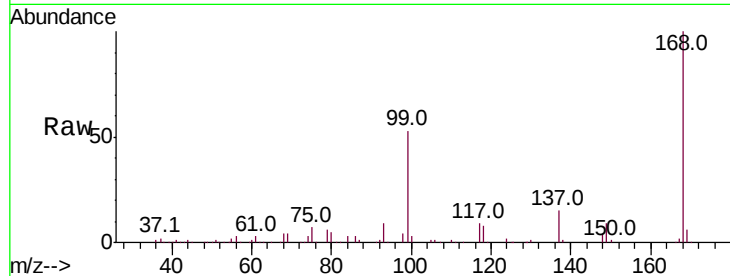
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	178644		
99	52.9	42.3	63.5	

Manual Integrations
 APPROVED

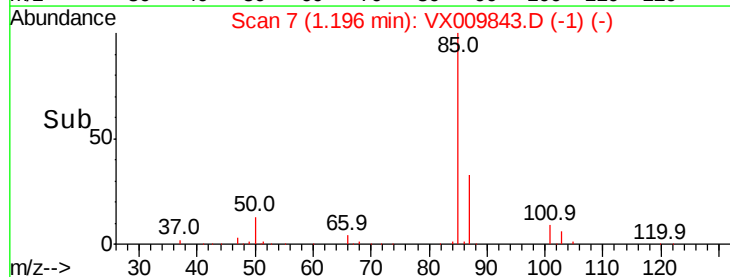
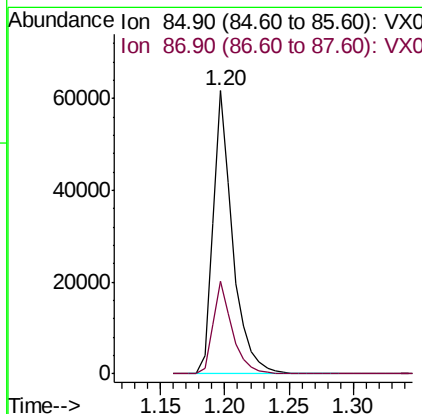
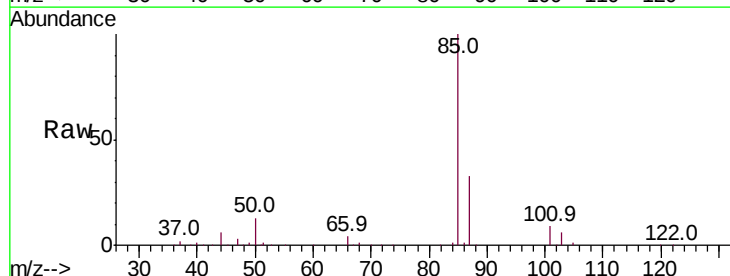
MMDadoda
 5/23/2019 10:38:50 AM

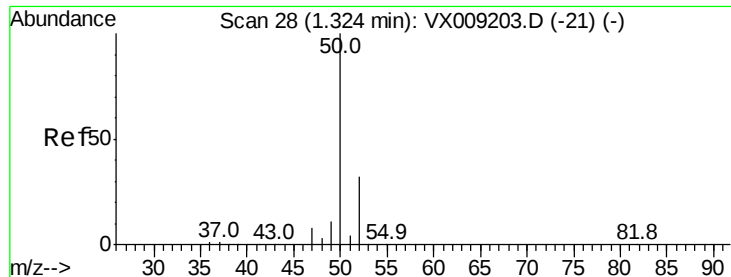


#2

Dichlorodifluoromethane
 Concen: 40.121 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	66048		
87	33.0	16.1	48.3	





#3

Chloromethane

Concen: 45.432 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 50 Resp: 102111

Ion Ratio Lower Upper

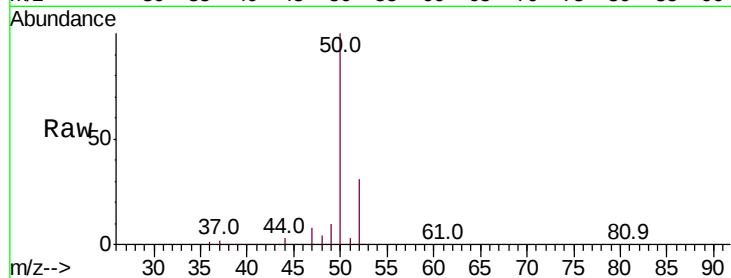
50 100

52 31.4 25.9 38.9

Manual Integrations
APPROVED

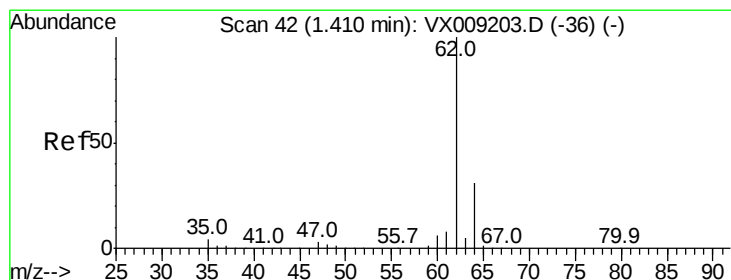
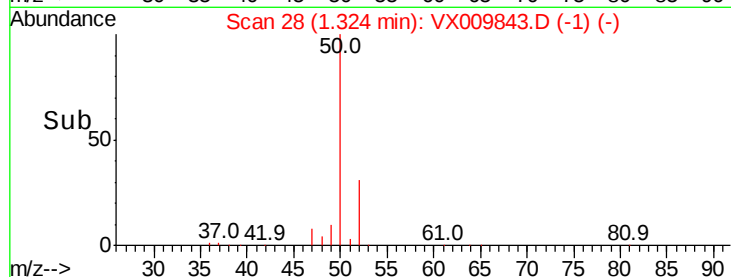
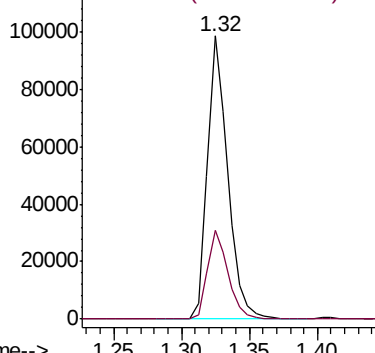
MMDadoda

5/23/2019 10:38:50 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.980 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009843.D

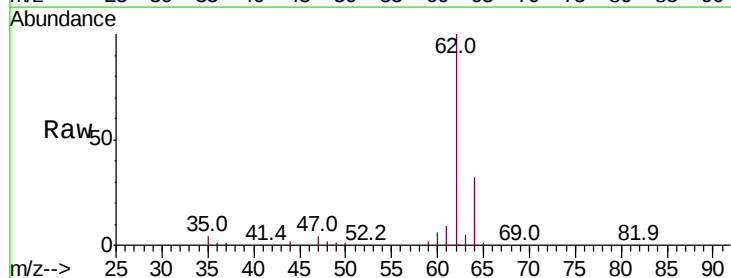
Acq: 23 May 2019 07:31

Tgt Ion: 62 Resp: 100770

Ion Ratio Lower Upper

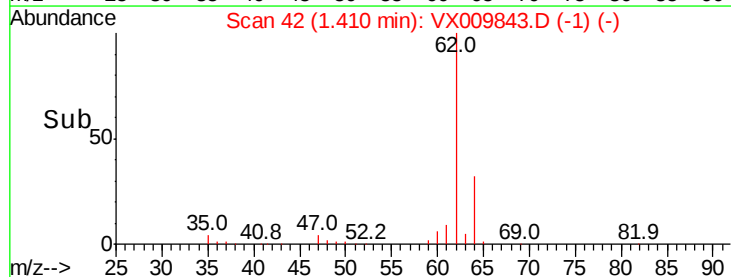
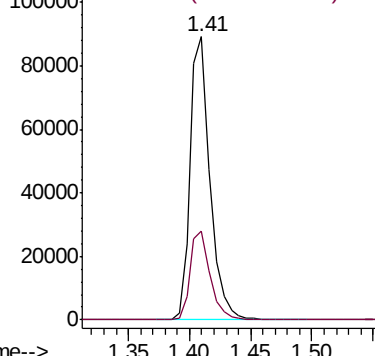
62 100

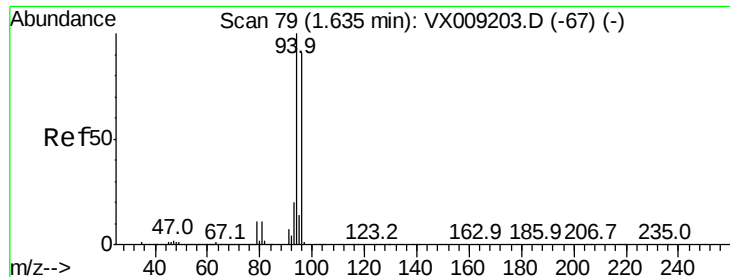
64 31.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.867 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 94 Resp: 57705

Ion Ratio Lower Upper

94 100

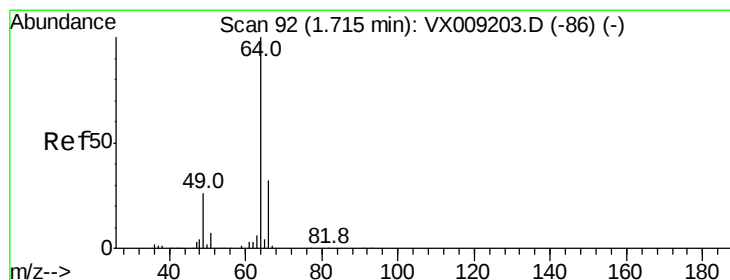
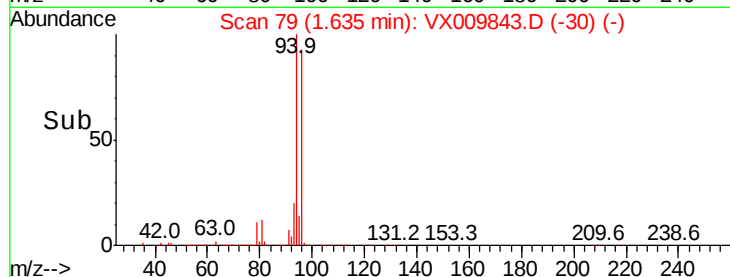
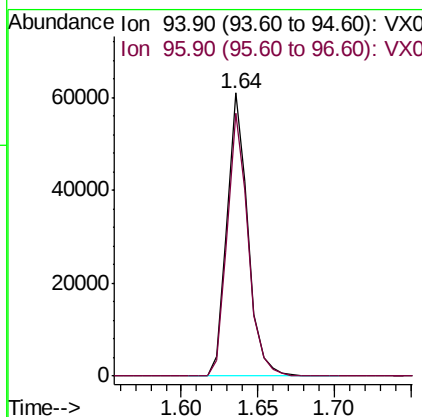
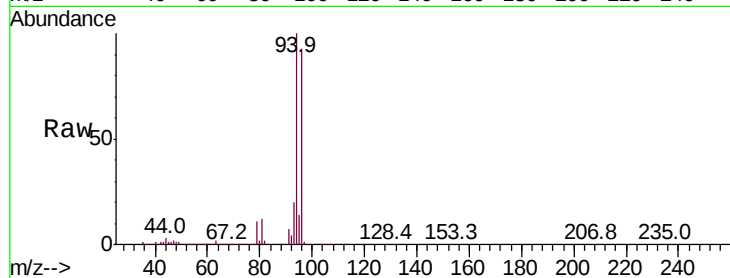
96 92.7 73.0 109.6

Manual Integrations

APPROVED

MMDadoda

5/23/2019 10:38:50 AM



#6

Chloroethane

Concen: 45.594 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009843.D

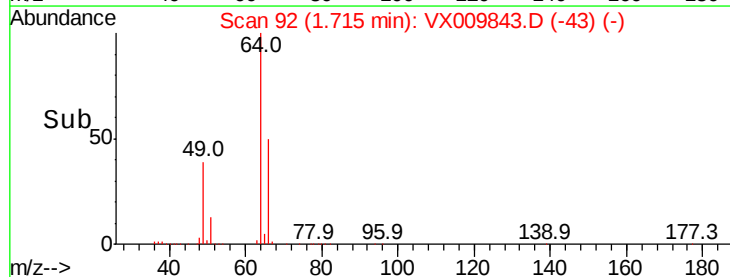
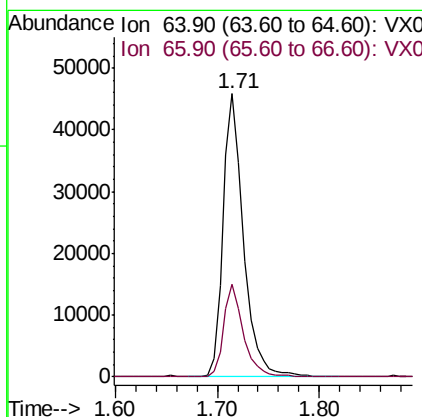
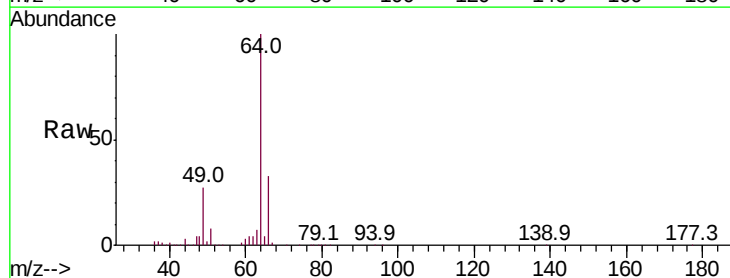
Acq: 23 May 2019 07:31

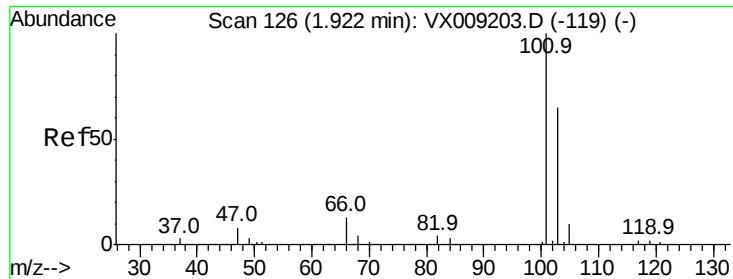
Tgt Ion: 64 Resp: 64156

Ion Ratio Lower Upper

64 100

66 32.6 25.3 37.9





#7

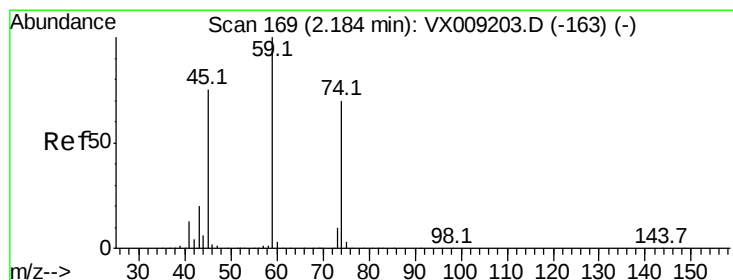
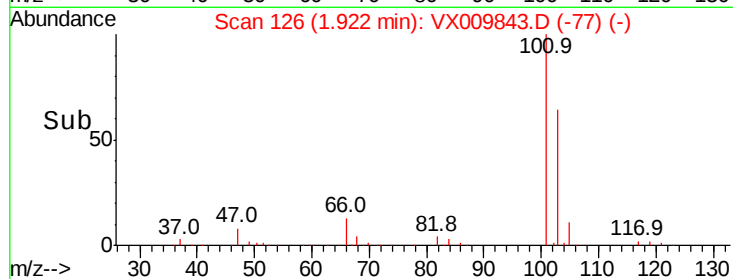
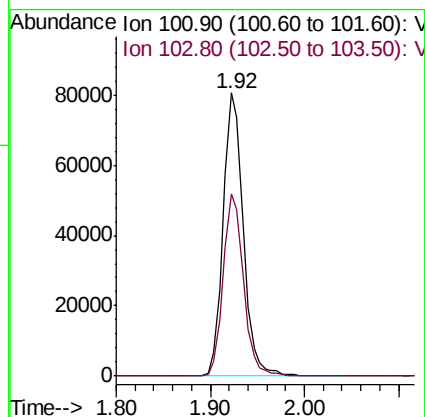
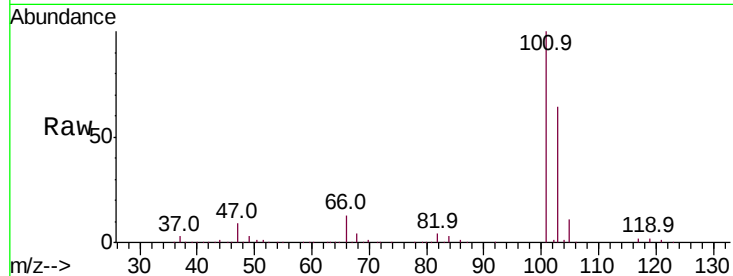
Trichlorofluoromethane
Concen: 44.860 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion:101 Resp: 119510
Ion Ratio Lower Upper
101 100
103 64.3 52.4 78.6

Manual Integrations
APPROVED

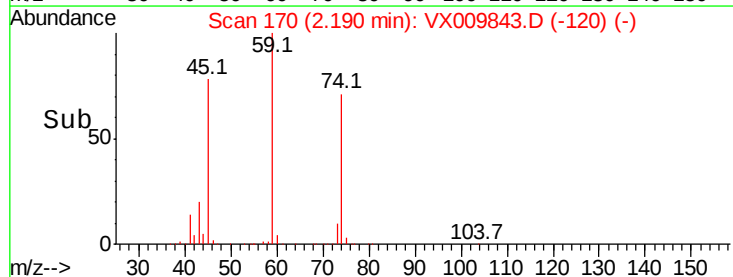
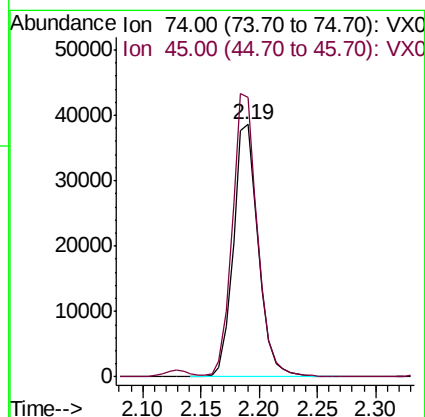
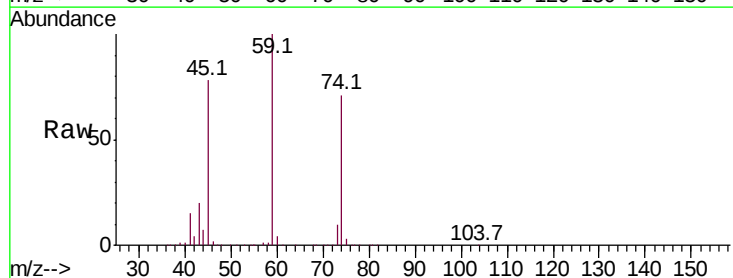
MMDadoda
5/23/2019 10:38:50 AM

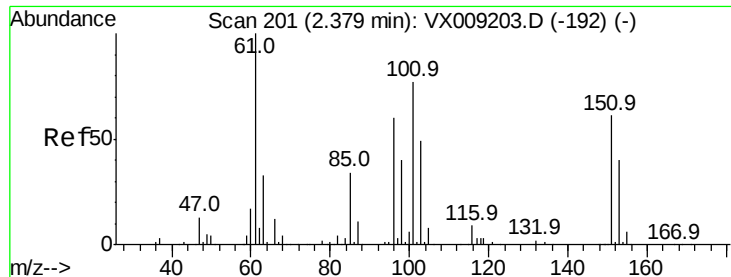


#8

Diethyl Ether
Concen: 45.543 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion: 74 Resp: 57471
Ion Ratio Lower Upper
74 100
45 112.5 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.203 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

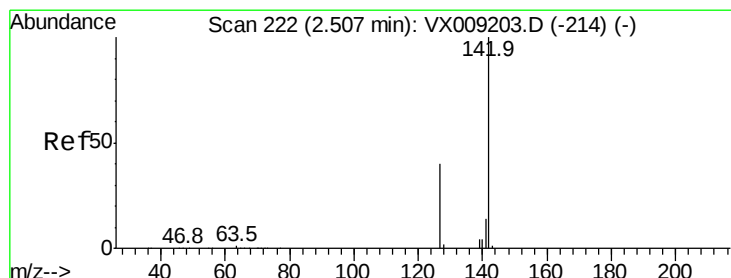
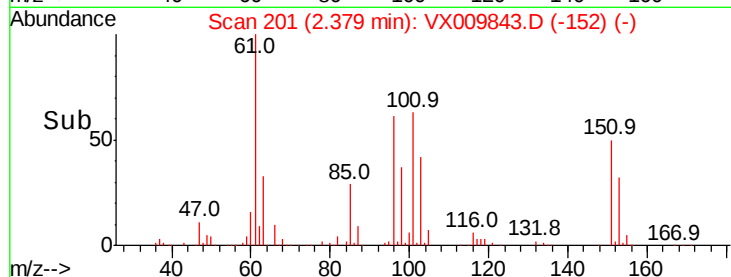
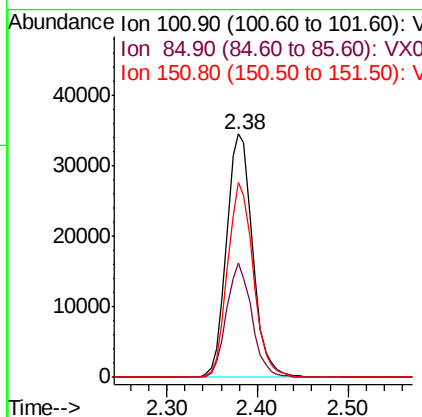
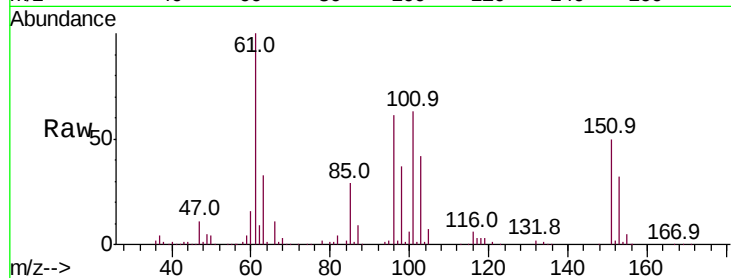
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	101	Resp:	68930
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.7	53.5
151	79.3	62.2	93.2

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#10

Methyl Iodide

Concen: 39.384 ug/l

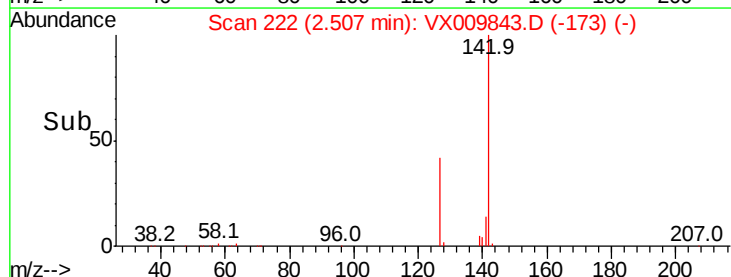
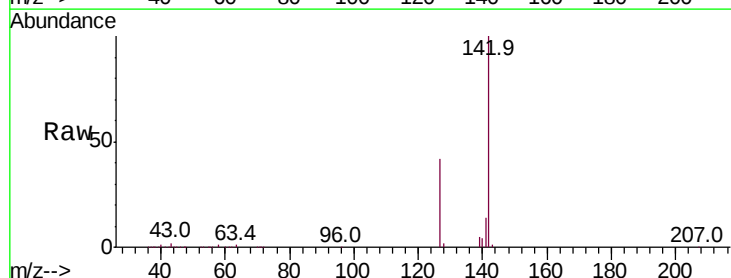
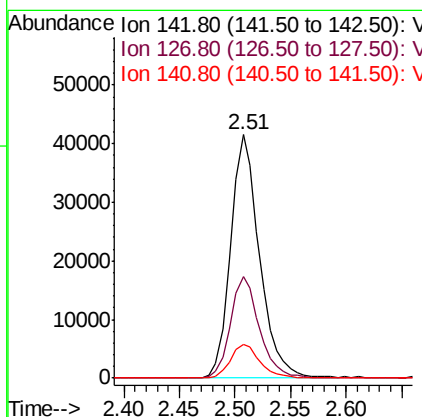
RT: 2.51 min Scan# 222

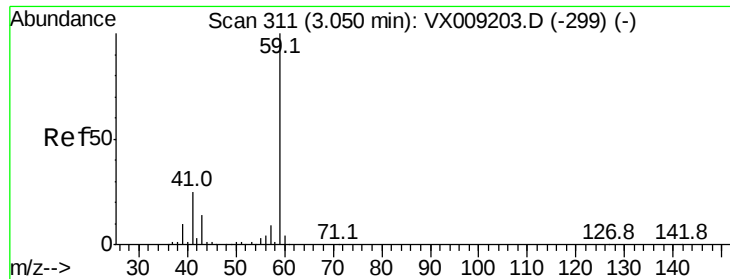
Delta R.T. 0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	142	Resp:	74465
Ion Ratio	Lower	Upper	
142	100		
127	41.9	32.7	49.1
141	14.4	11.5	17.3





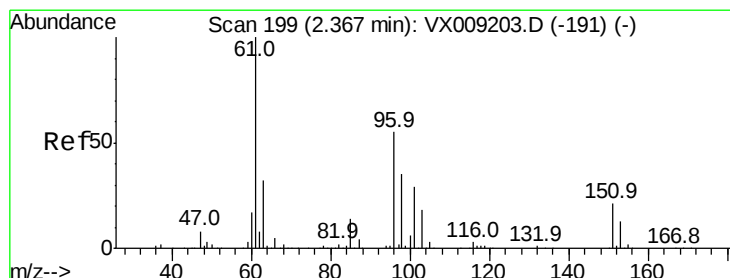
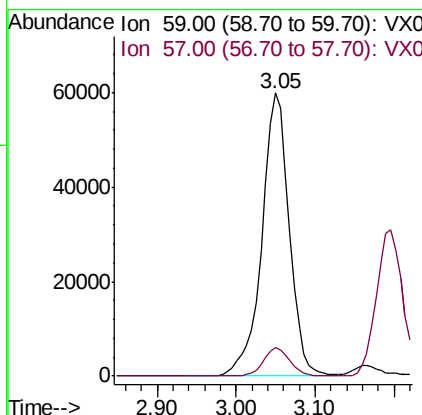
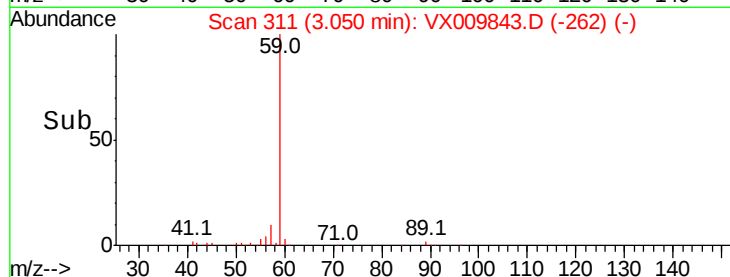
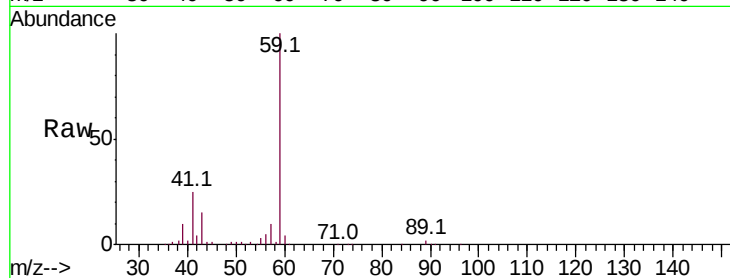
#11
Tert butyl alcohol
Concen: 256.422 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.2

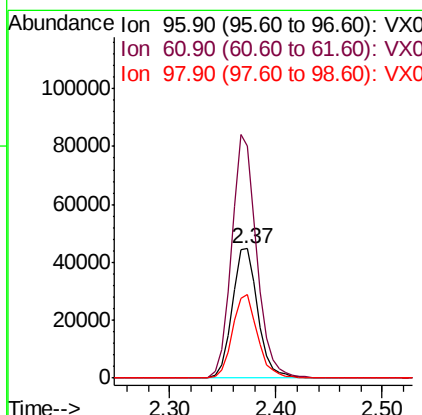
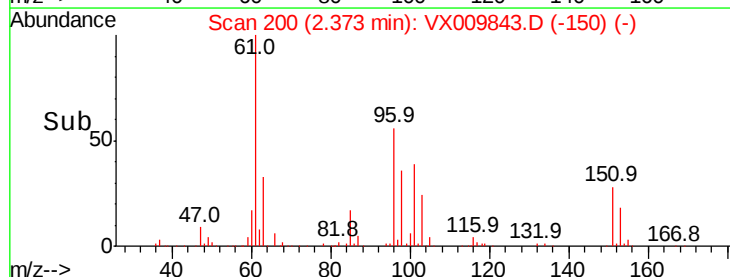
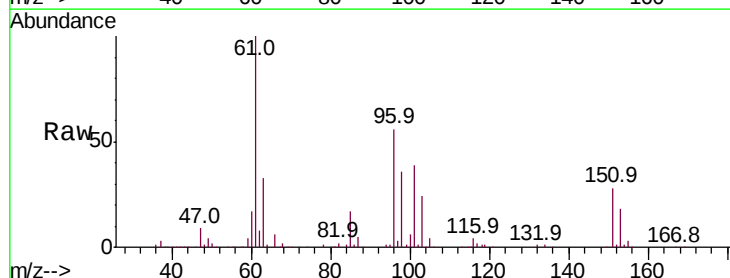
Manual Integrations
APPROVED

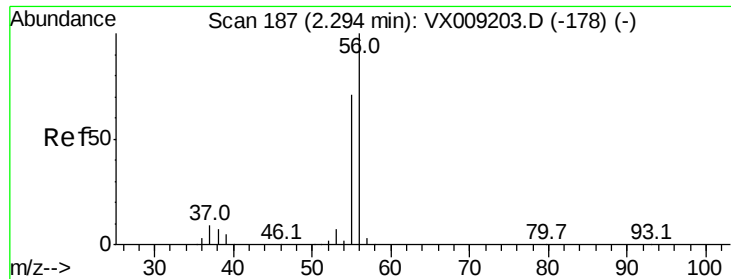
MMDadoda
5/23/2019 10:38:50 AM



#12
1,1-Dichloroethene
Concen: 45.377 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.0	144.3	216.5
98	65.0	50.3	75.5





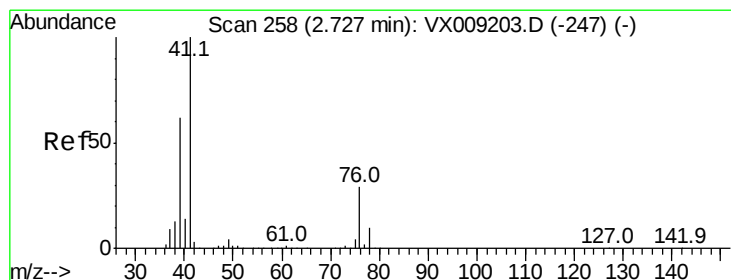
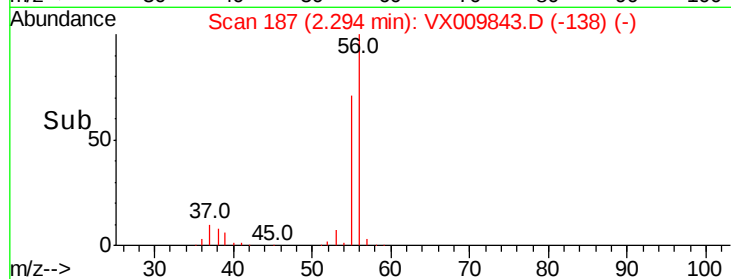
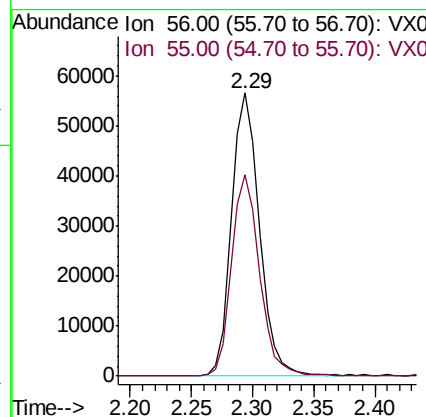
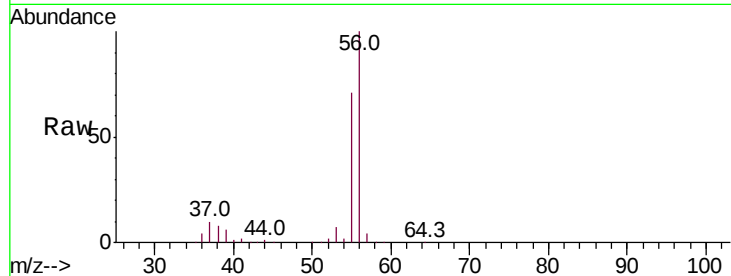
#13
Acrolein
Concen: 174.579 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	56.6	85.0

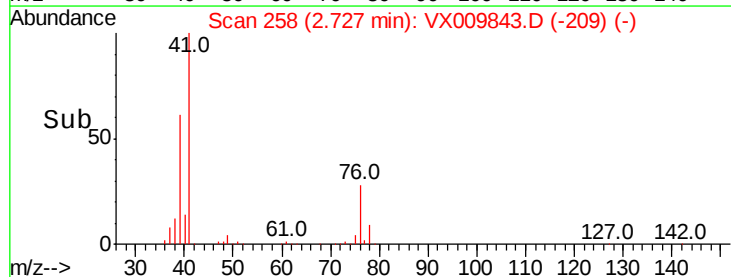
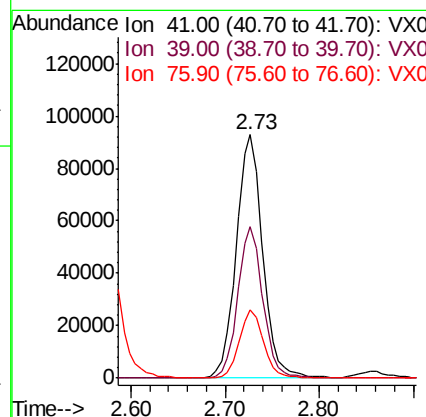
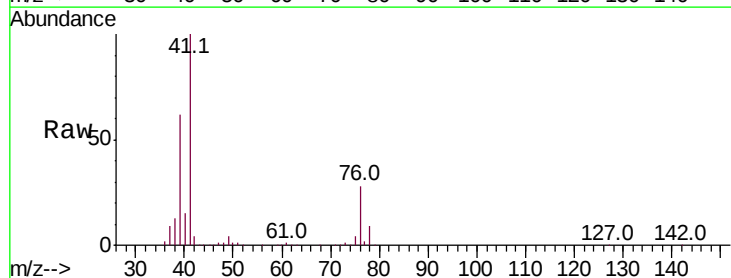
Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#14
Allyl chloride
Concen: 44.189 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.1	46.7	70.1
76	26.0	21.8	32.8





#15

Acrylonitrile

Concen: 231.546 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

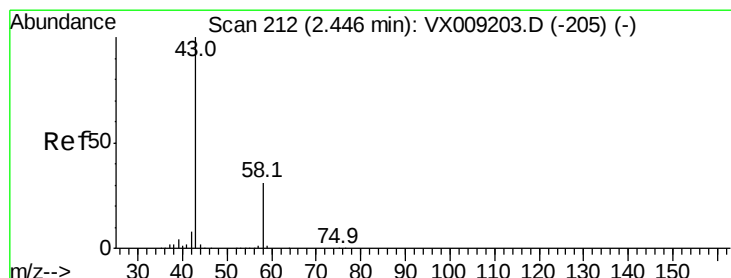
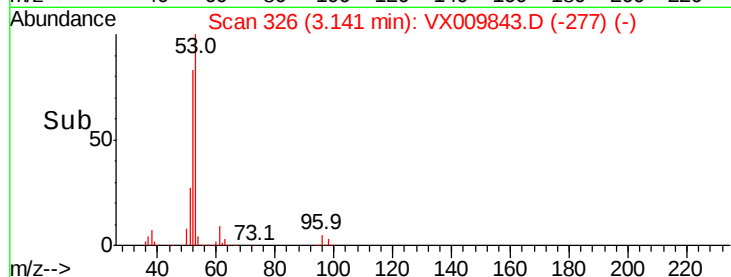
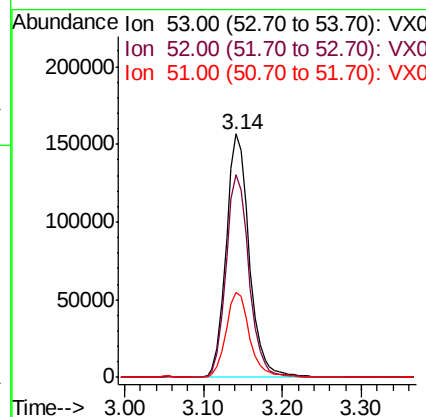
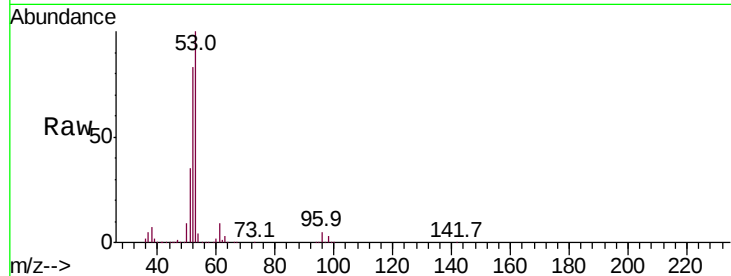
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	53	Resp:	319590
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.9	100.3
51	35.6	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#16

Acetone

Concen: 217.761 ug/l

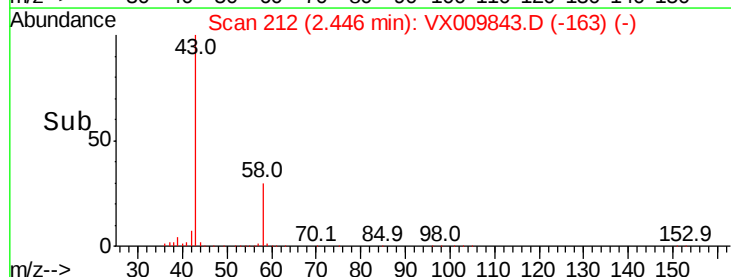
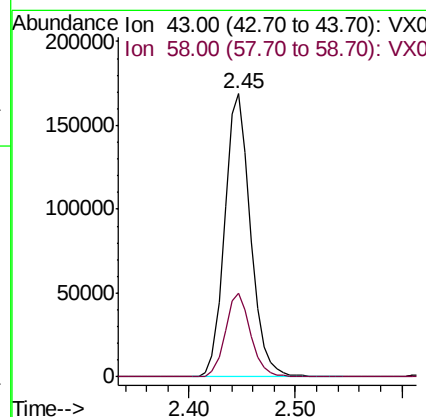
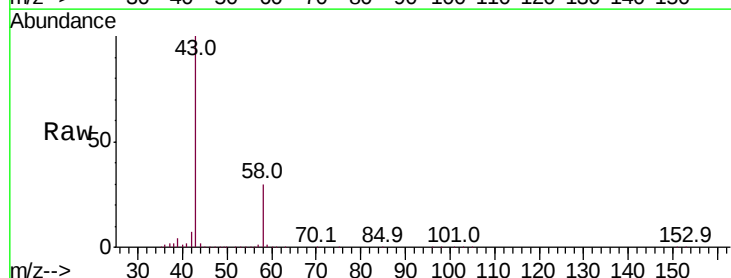
RT: 2.45 min Scan# 212

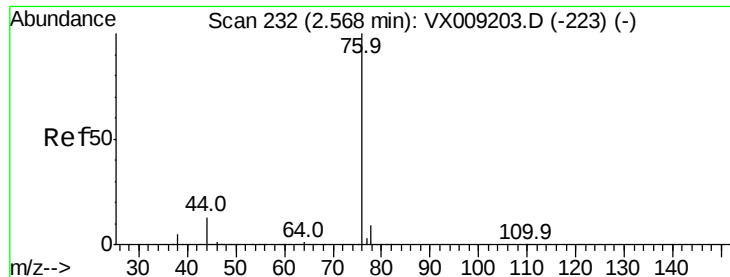
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	43	Resp:	285156
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.9	37.3





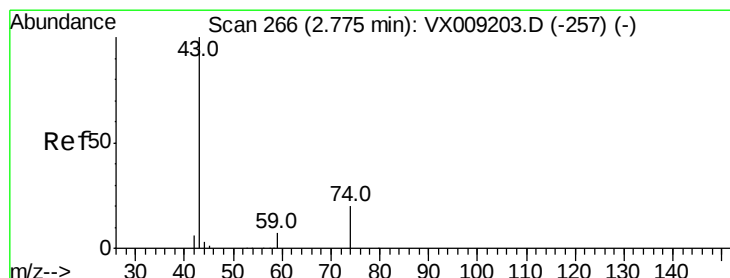
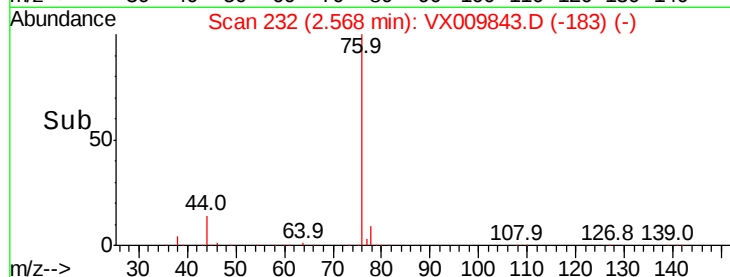
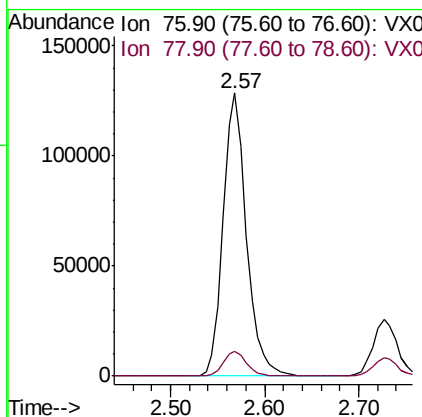
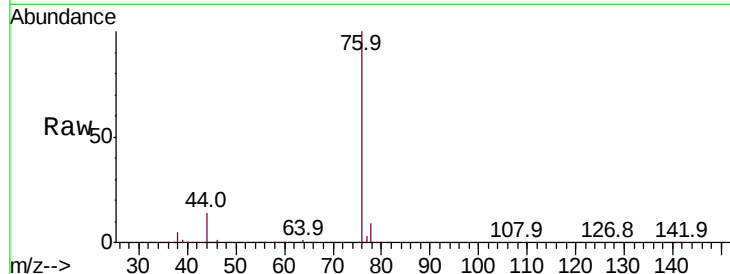
#17
Carbon Disulfide
Concen: 46.799 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

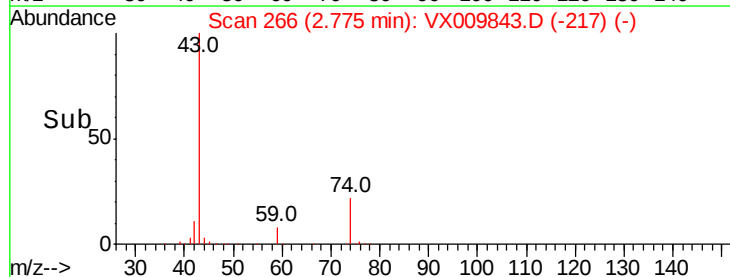
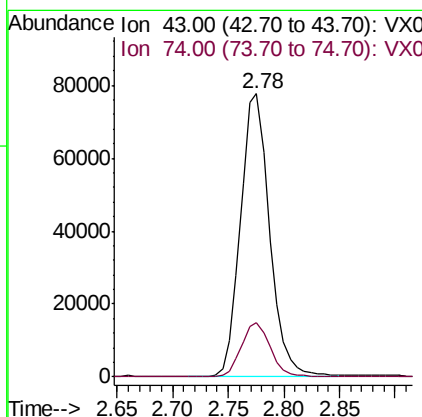
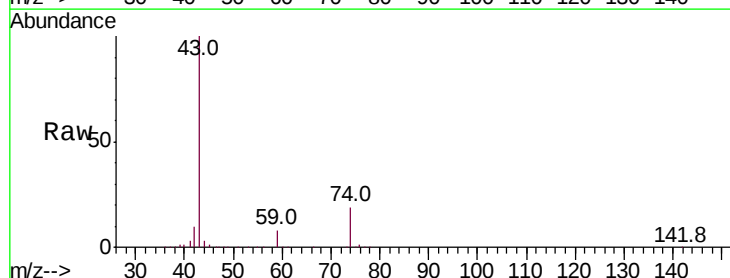
Manual Integrations
APPROVED

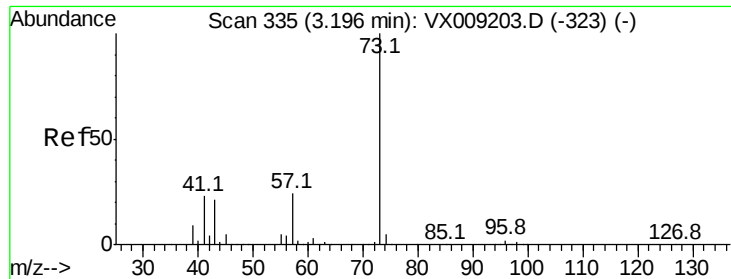
MMDadoda
5/23/2019 10:38:50 AM



#18
Methyl Acetate
Concen: 45.337 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.6	16.2	24.4





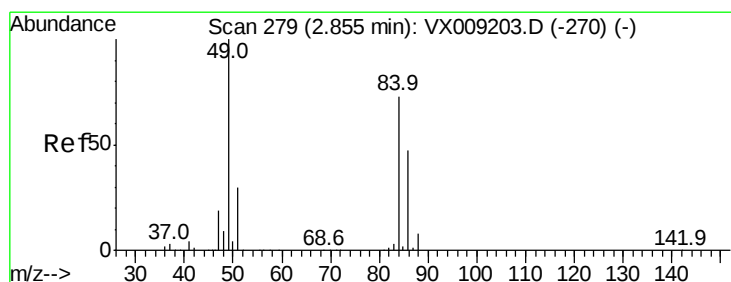
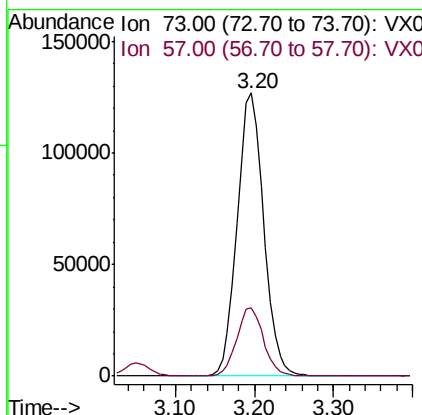
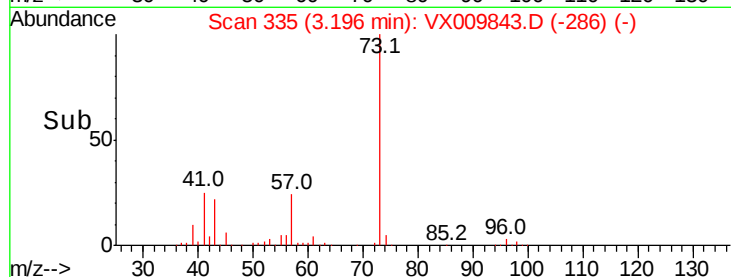
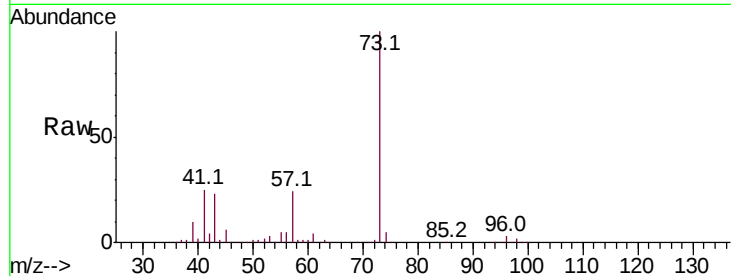
#19
Methyl tert-butyl Ether
Concen: 45.751 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.3	28.9

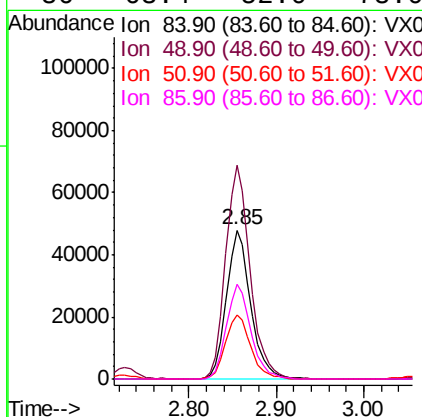
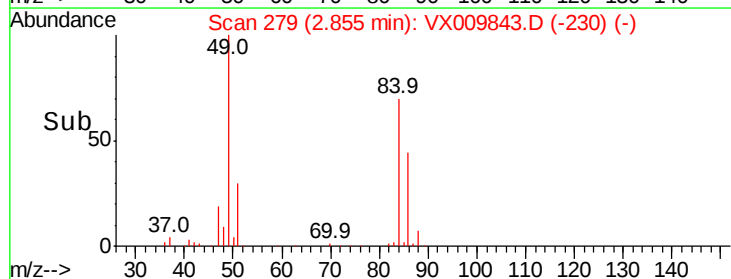
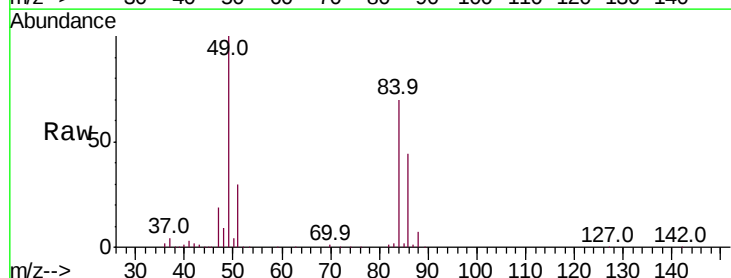
Manual Integrations
APPROVED

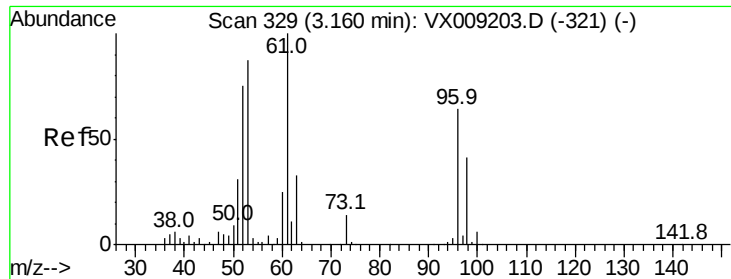
MMDadoda
5/23/2019 10:38:50 AM



#20
Methylene Chloride
Concen: 43.301 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.6	109.9	164.9
51	42.8	32.7	49.1
86	63.4	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 45.751 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 96 Resp: 83168

Ion Ratio Lower Upper

96 100

61 158.5 124.5 186.7

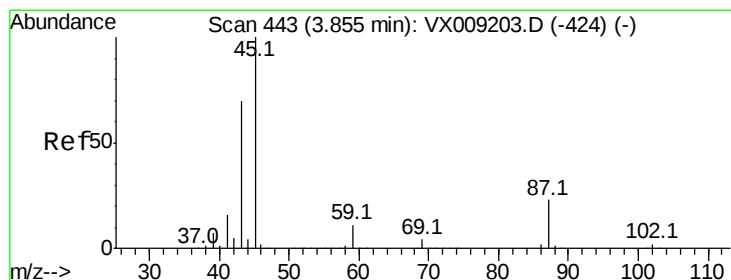
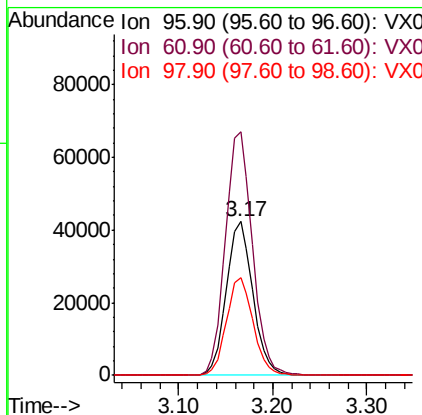
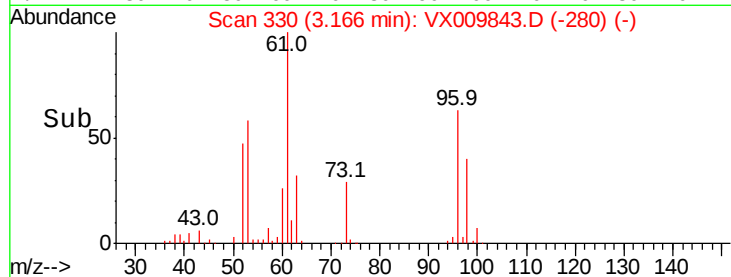
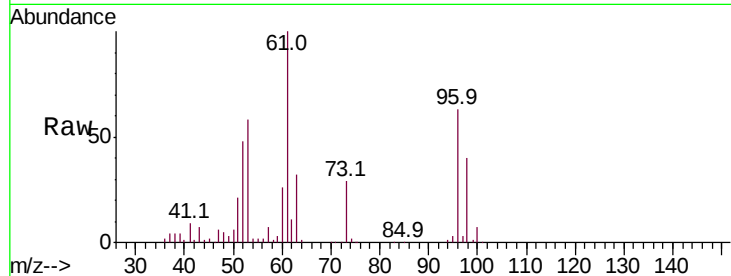
98 63.6 50.4 75.6

Manual Integrations

APPROVED

MMDadoda

5/23/2019 10:38:50 AM



#22

Diisopropyl ether

Concen: 47.167 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion: 45 Resp: 370532

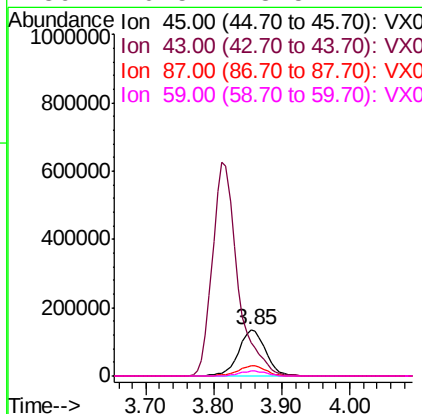
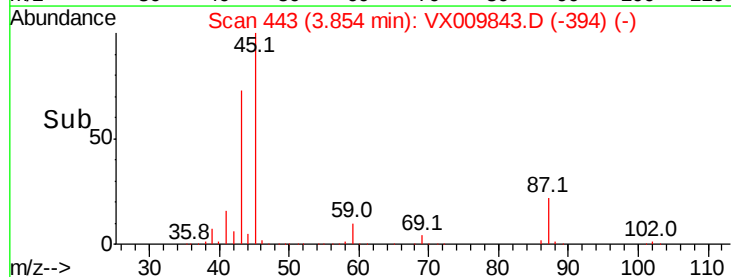
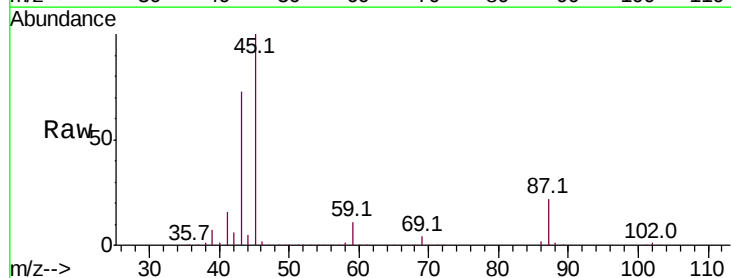
Ion Ratio Lower Upper

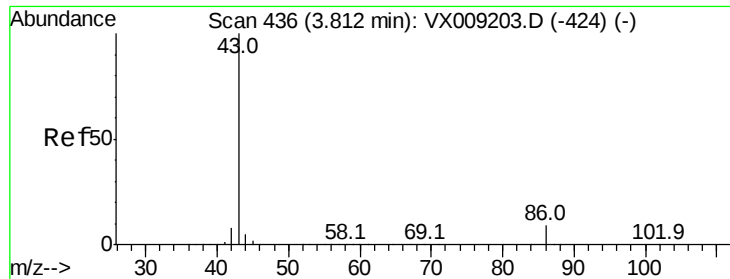
45 100

43 73.0 56.1 84.1

87 22.0 18.1 27.1

59 10.5 8.5 12.7





#23

Vinyl Acetate

Concen: 240.941 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 43 Resp: 1620798

Ion Ratio Lower Upper

43 100

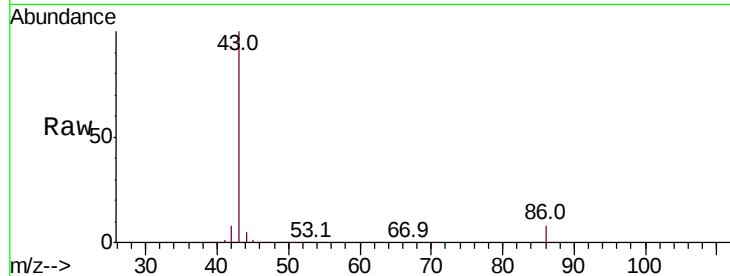
86 8.1 6.9 10.3

Manual Integrations

APPROVED

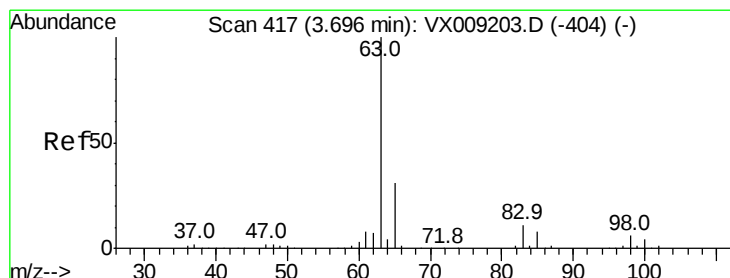
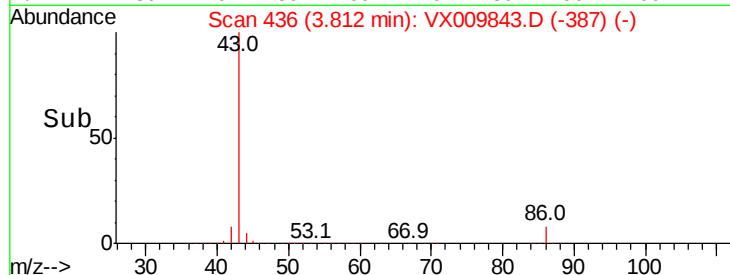
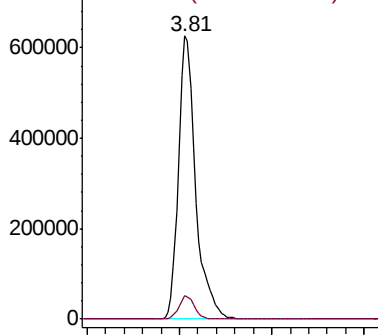
MMDadoda

5/23/2019 10:38:50 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: 45.366 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

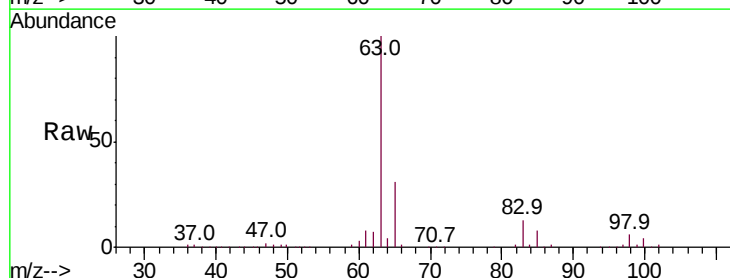
Tgt Ion: 63 Resp: 175809

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

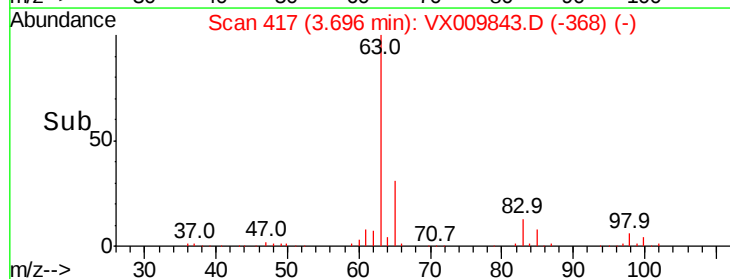
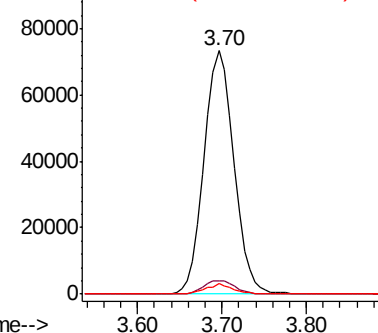
100 4.2 2.0 6.0

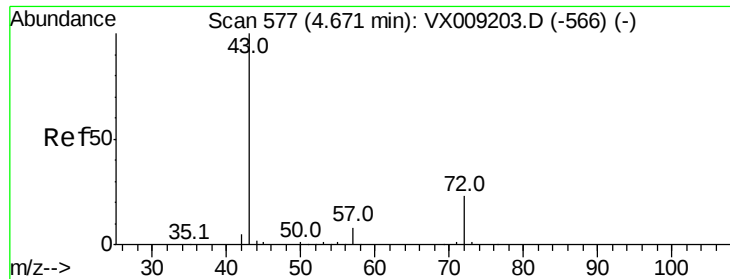


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 235.591 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 43 Resp: 479405

Ion Ratio Lower Upper

43 100

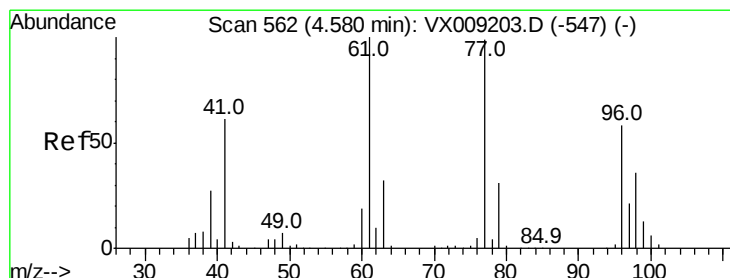
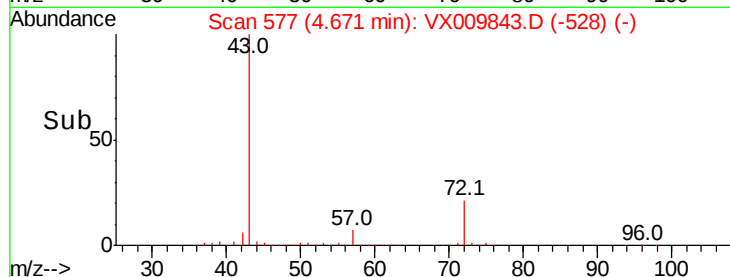
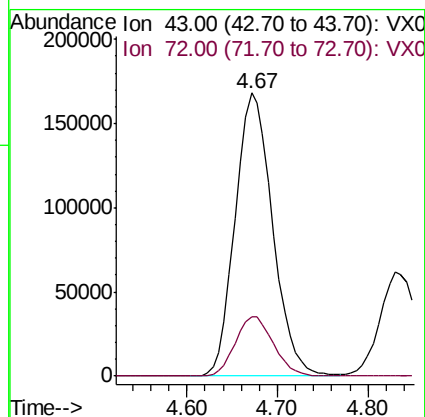
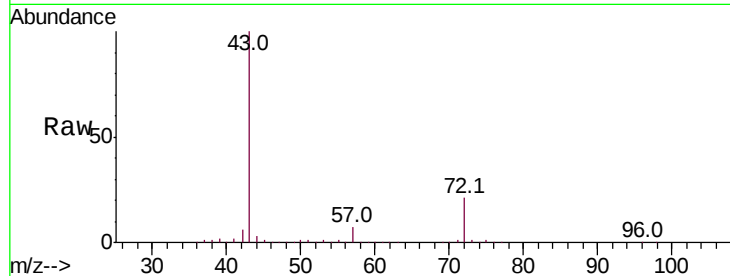
72 21.0 18.2 27.2

Manual Integrations

APPROVED

MMDadoda

5/23/2019 10:38:50 AM



#26

2,2-Dichloropropane

Concen: 26.178 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009843.D

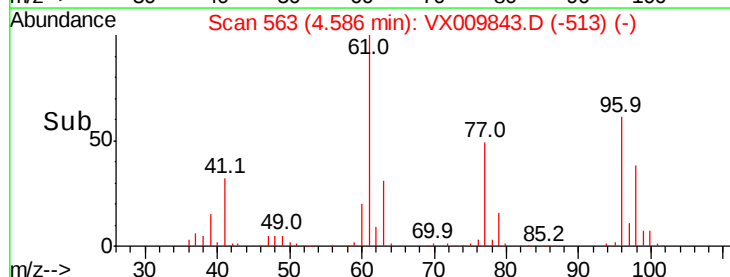
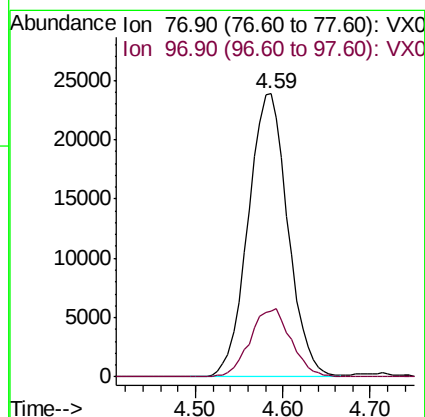
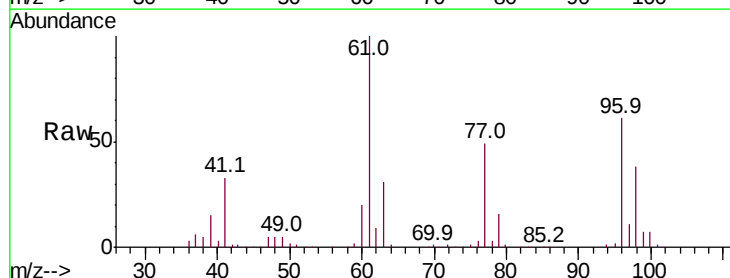
Acq: 23 May 2019 07:31

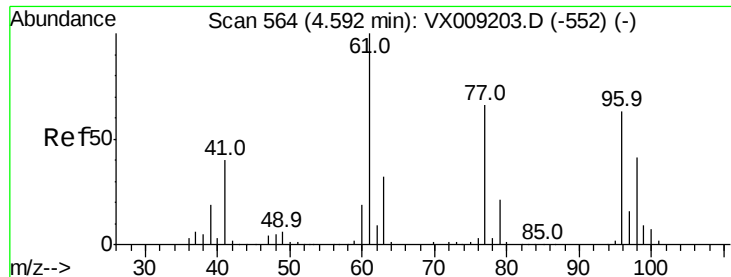
Tgt Ion: 77 Resp: 75512

Ion Ratio Lower Upper

77 100

97 24.7 11.5 34.4





#27

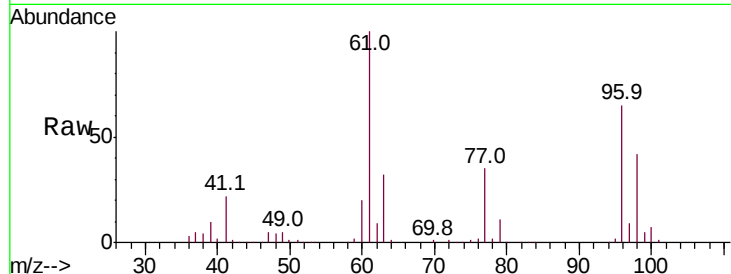
cis-1,2-Dichloroethene
Concen: 44.490 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

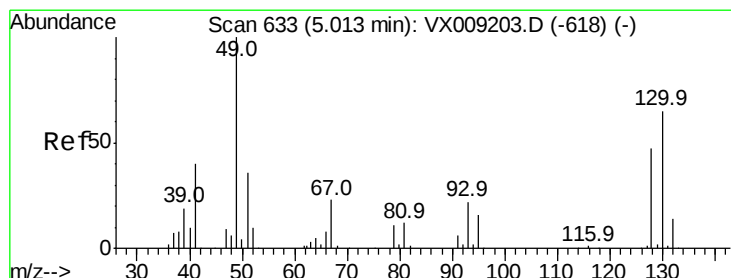
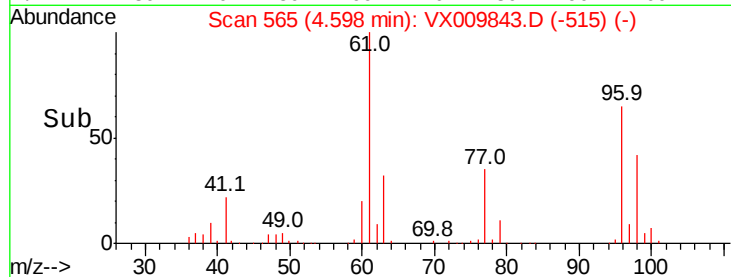
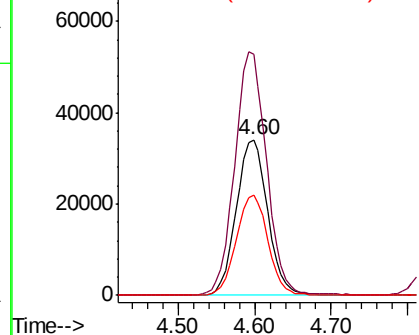
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.9	0.0	324.0	
98	65.0	0.0	130.4	

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



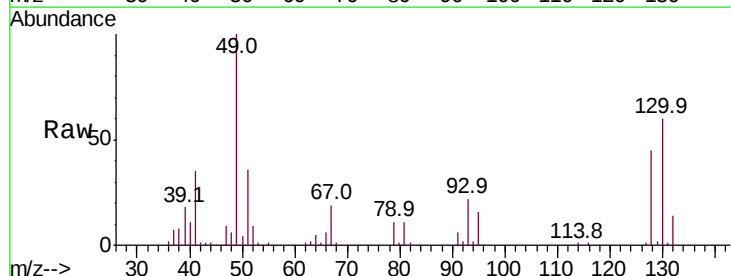
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



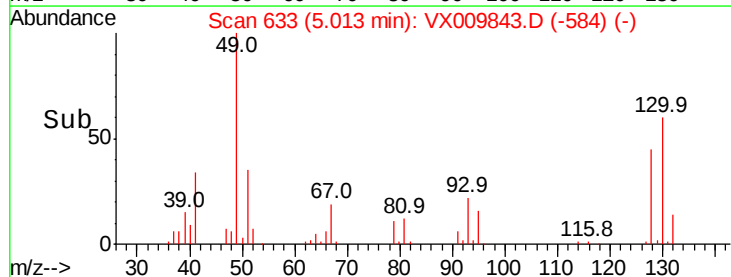
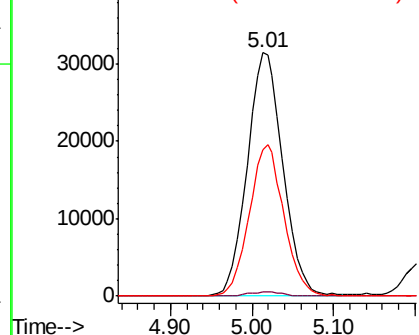
#28

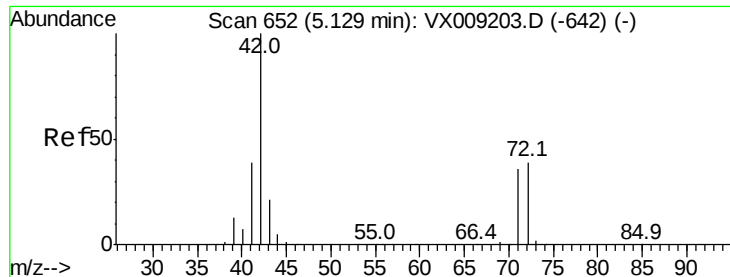
Bromochloromethane
Concen: 61.796 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	60.6	51.2	76.8	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 244.772 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

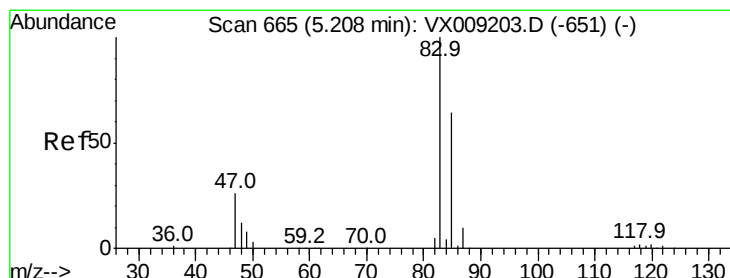
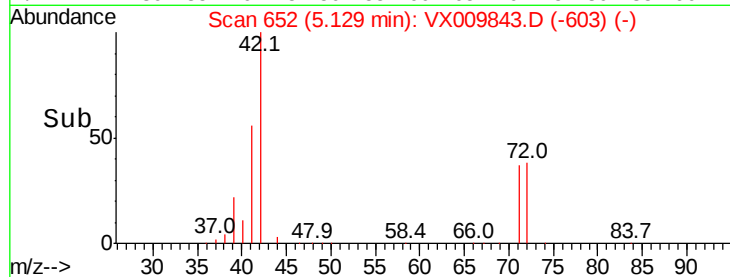
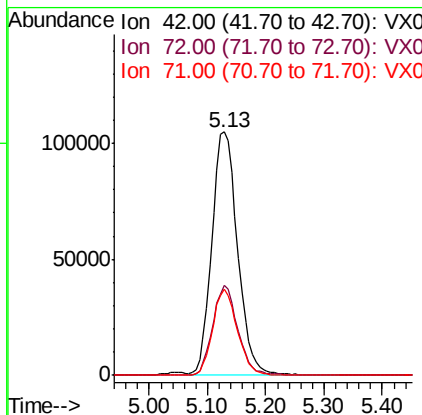
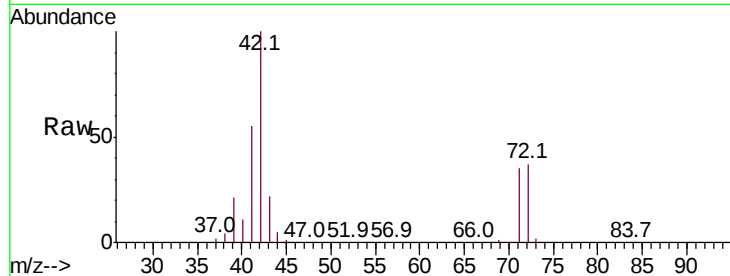
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	42	Resp:	320517
Ion Ratio	Lower	Upper	
42	100		
72	36.2	30.4	45.6
71	34.2	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#30

Chloroform

Concen: 45.604 ug/l

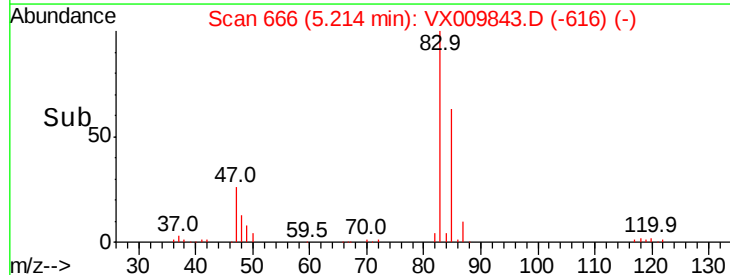
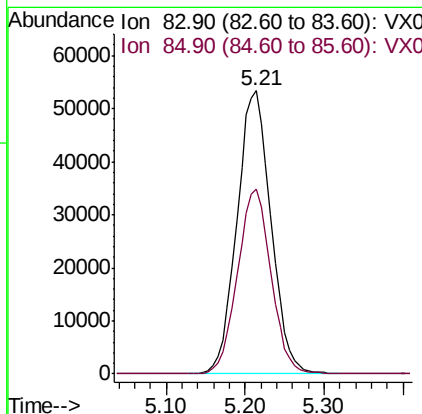
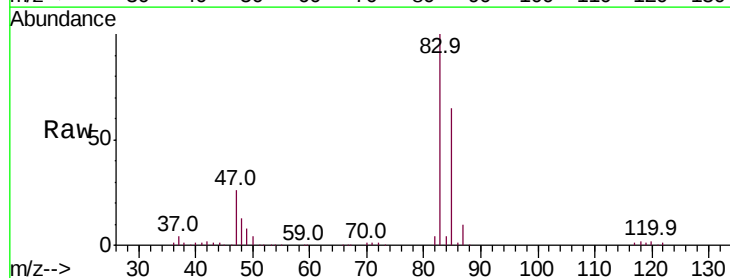
RT: 5.21 min Scan# 666

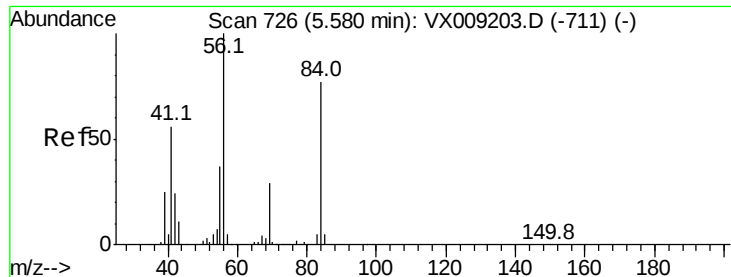
Delta R.T. 0.01 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	83	Resp:	159840
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.5	77.3





#31

Cyclohexane

Concen: 43.754 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

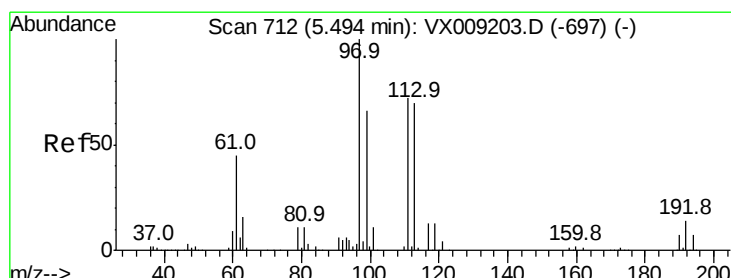
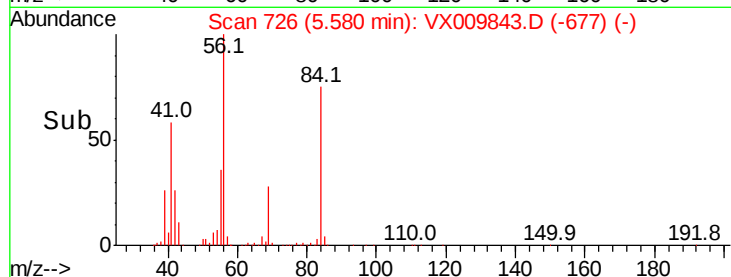
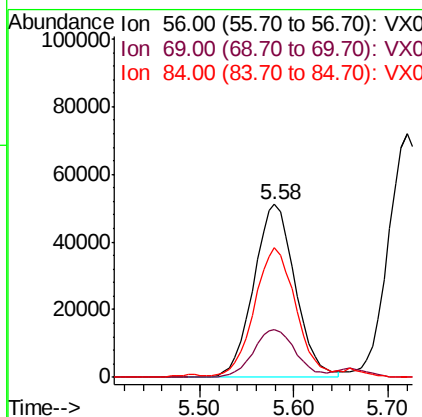
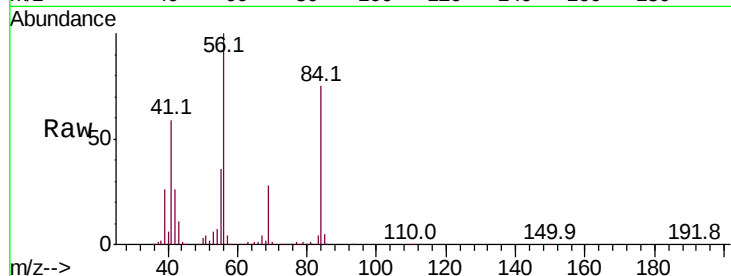
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	56	Resp:	157753
Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.4	35.0
84	73.3	61.9	92.9

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#32

1,1,1-Trichloroethane

Concen: 44.609 ug/l

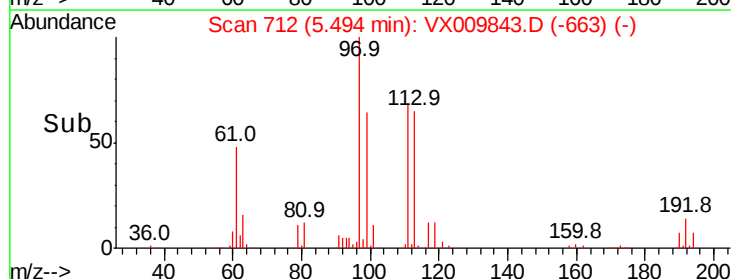
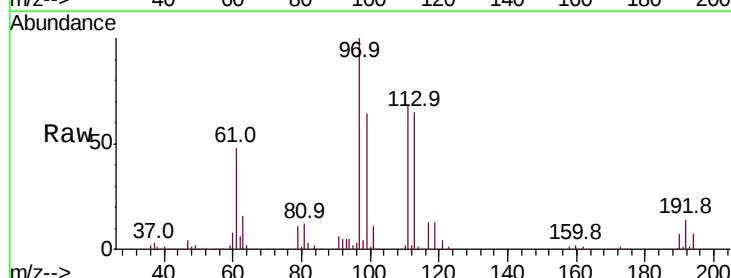
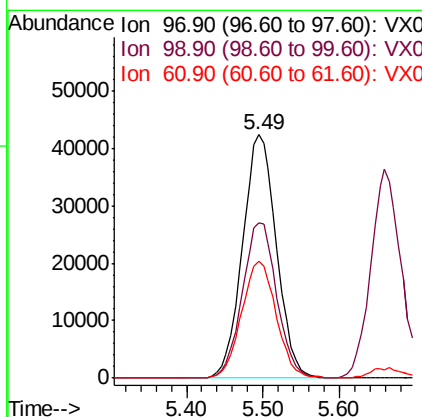
RT: 5.49 min Scan# 712

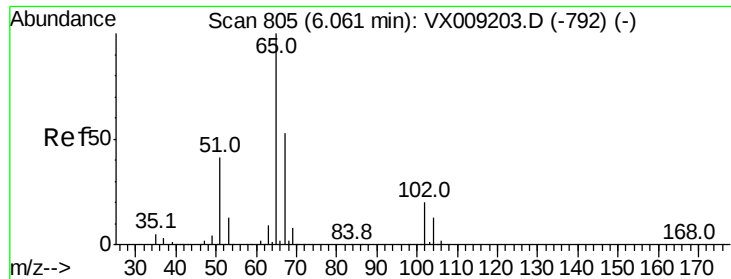
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	97	Resp:	130157
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.8
61	49.2	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 47.078 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 65 Resp: 114810

Ion Ratio Lower Upper

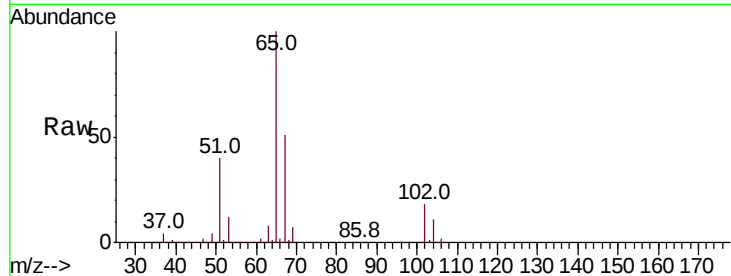
65 100

67 53.3 0.0 106.6

Manual Integrations
APPROVED

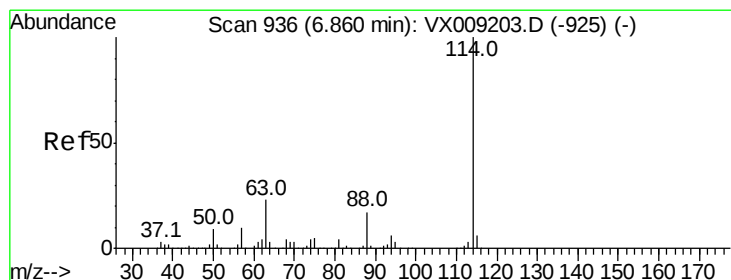
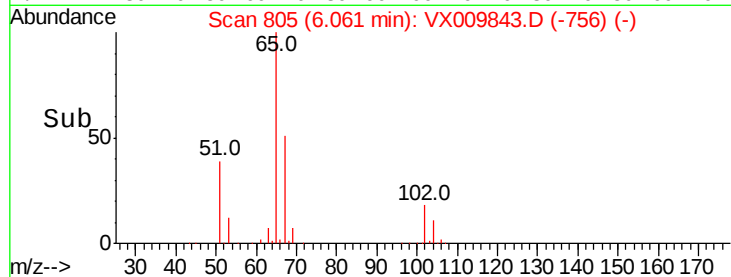
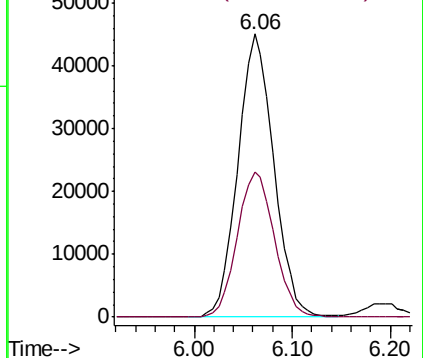
MMDadoda

5/23/2019 10:38:50 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

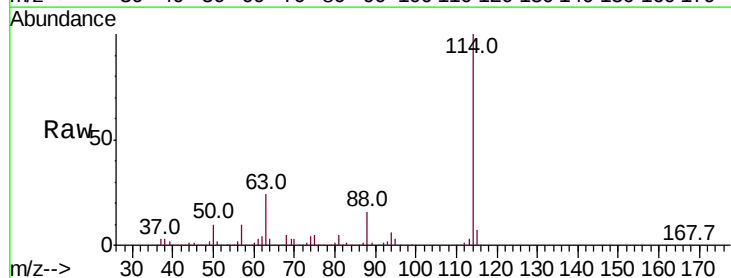
Tgt Ion: 114 Resp: 296211

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.6

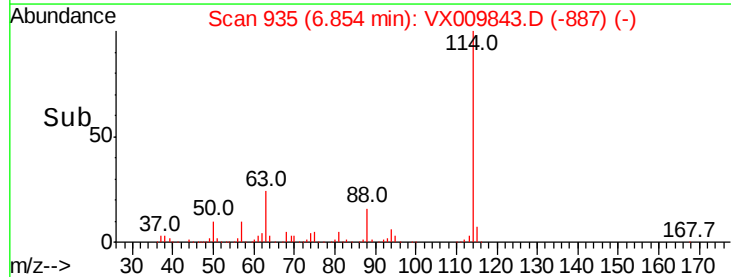
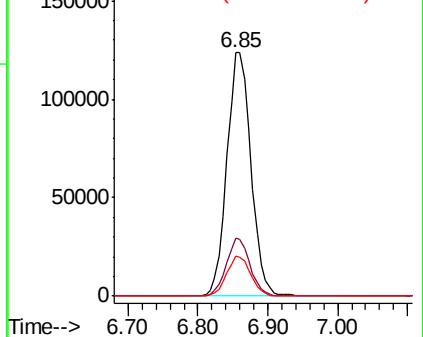
88 16.5 0.0 33.2

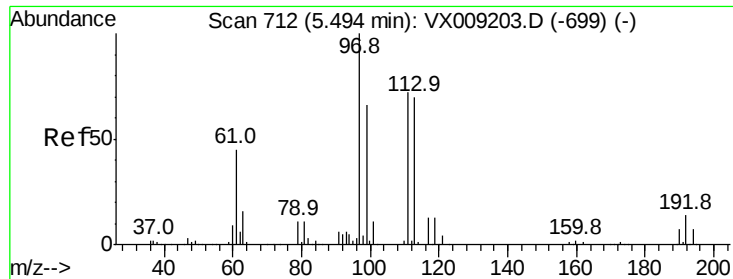


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.830 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

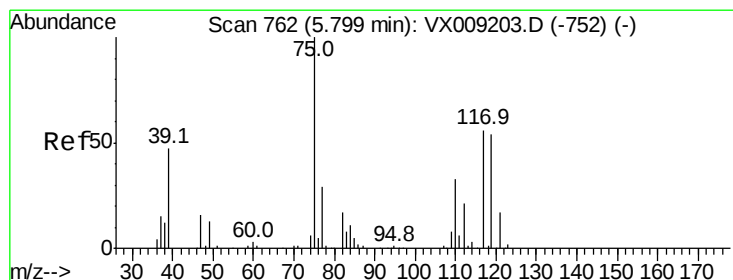
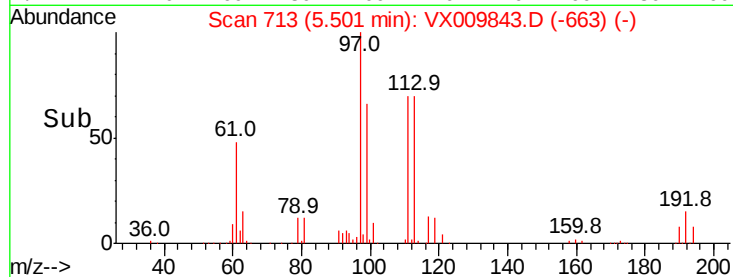
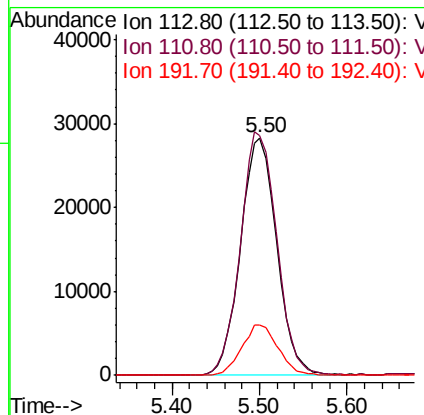
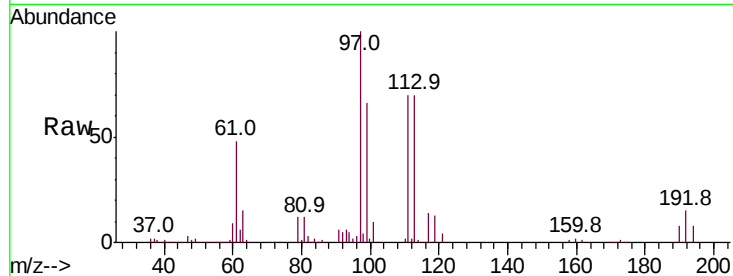
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	113	Resp:	81616
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.8	124.2
192	21.4	17.0	25.6

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#36

1,1-Dichloropropene

Concen: 44.273 ug/l

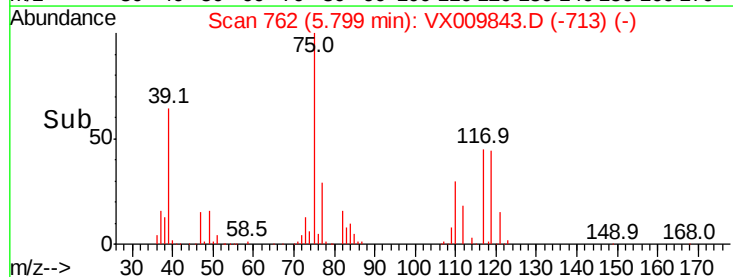
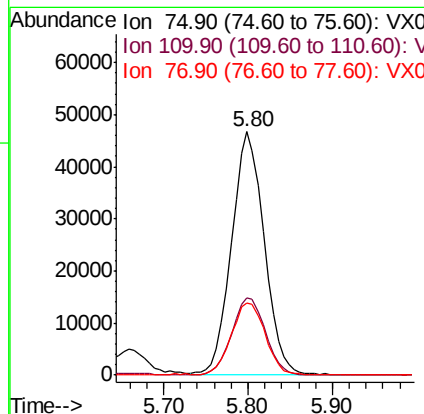
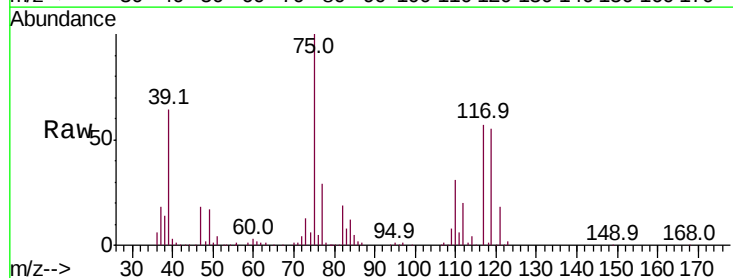
RT: 5.80 min Scan# 762

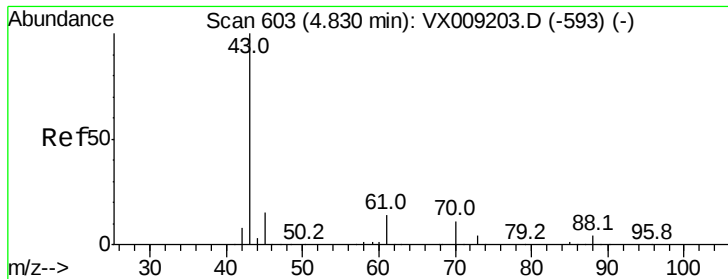
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	75	Resp:	121871
Ion Ratio	Lower	Upper	
75	100		
110	33.2	16.9	50.6
77	30.9	24.8	37.2





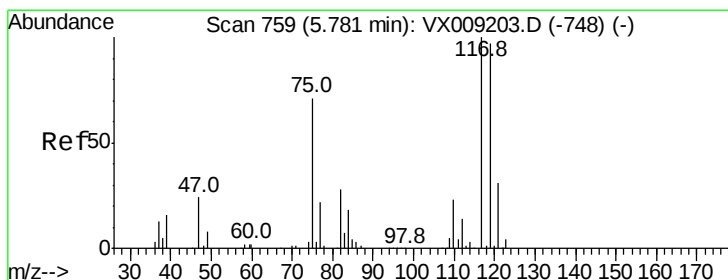
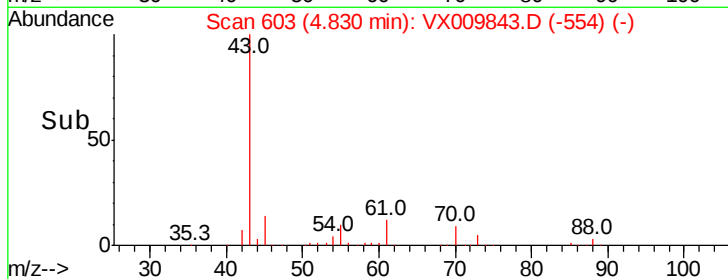
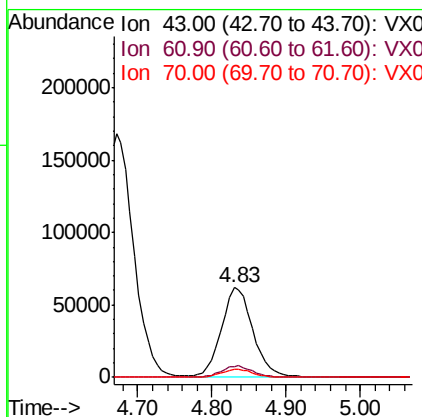
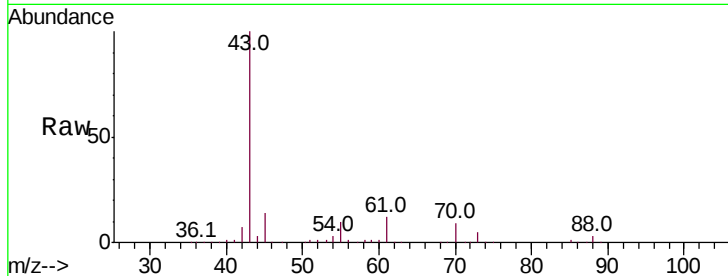
#37
Ethyl Acetate
Concen: 47.187 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.5	15.7
70	9.2	7.9	11.9

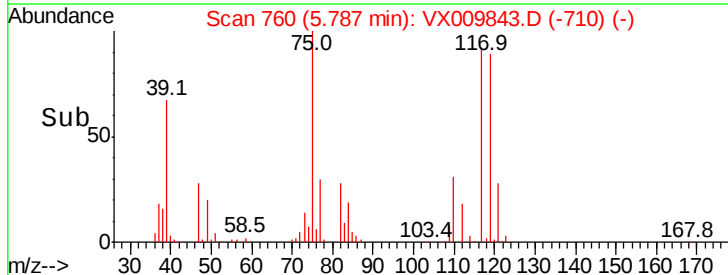
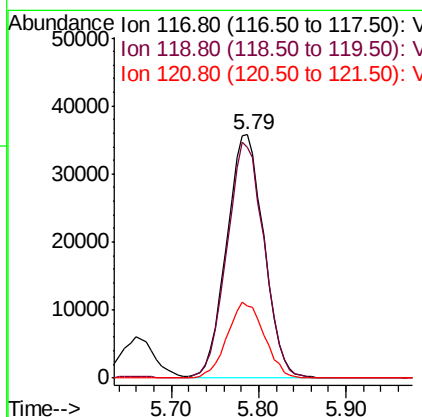
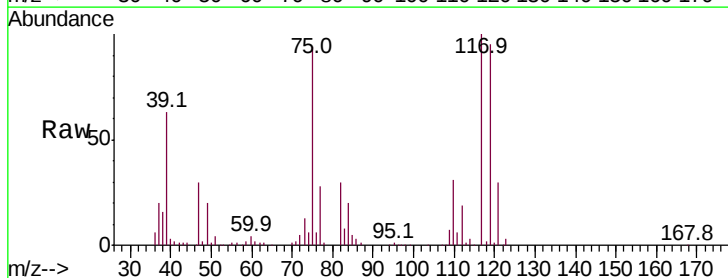
Manual Integrations
APPROVED

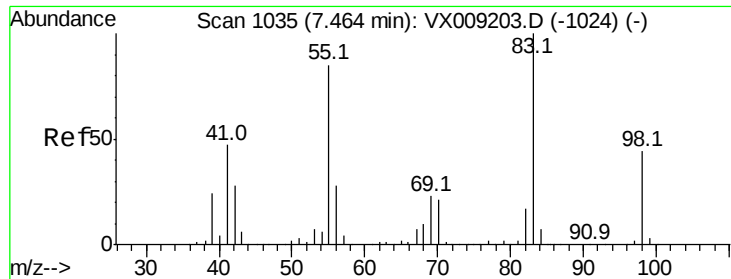
MMDadoda
5/23/2019 10:38:50 AM



#38
Carbon Tetrachloride
Concen: 42.528 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.5	116.3
121	29.9	24.7	37.1





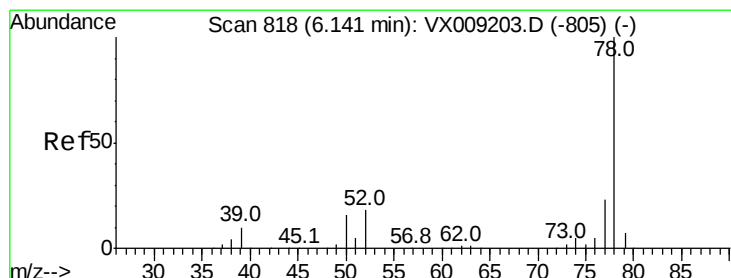
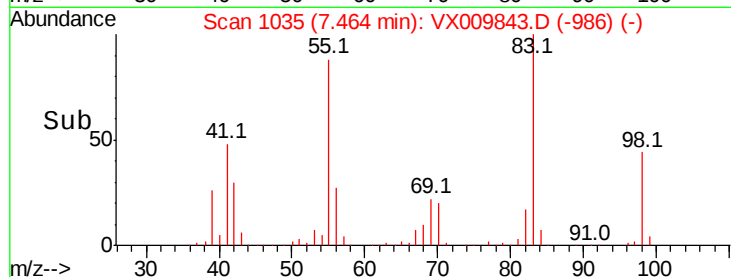
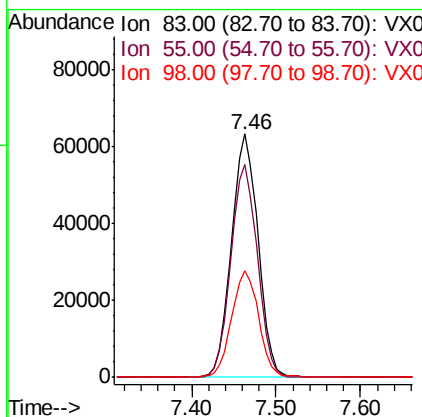
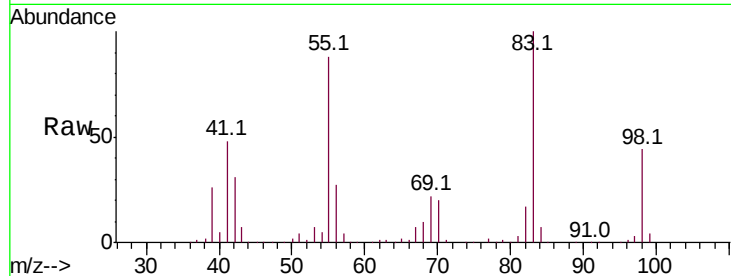
#39
Methvlcvclohexane
Concen: 40.011 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.6	67.7	101.5
98	43.8	35.5	53.3

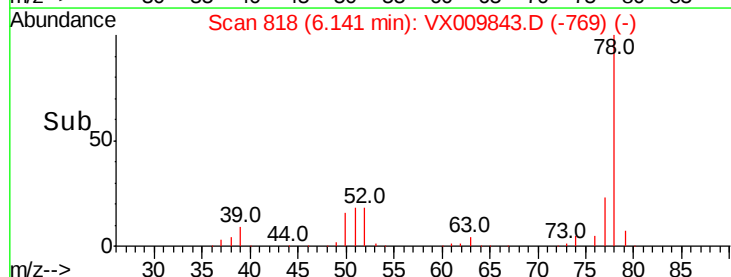
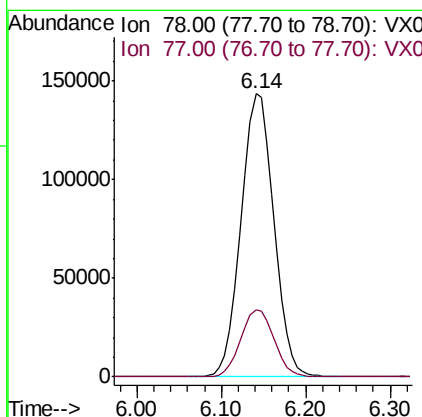
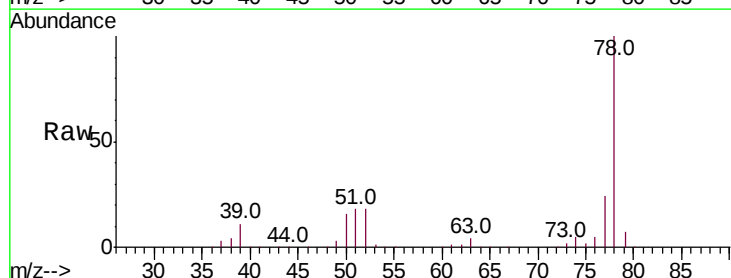
Manual Integrations
APPROVED

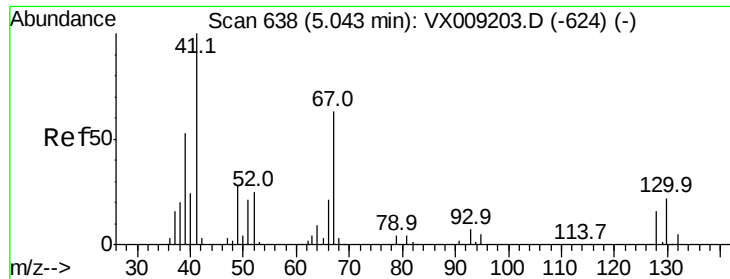
MMDadoda
5/23/2019 10:38:50 AM



#40
Benzene
Concen: 44.388 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41

Methacrylonitrile

Concen: 45.616 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

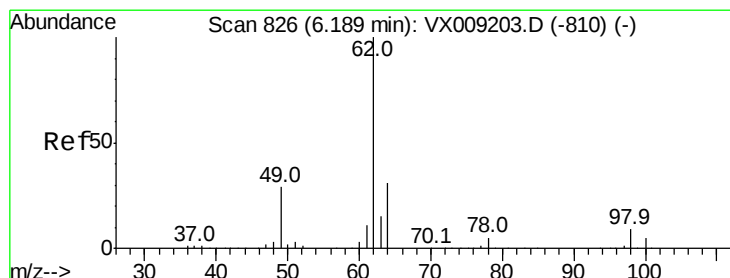
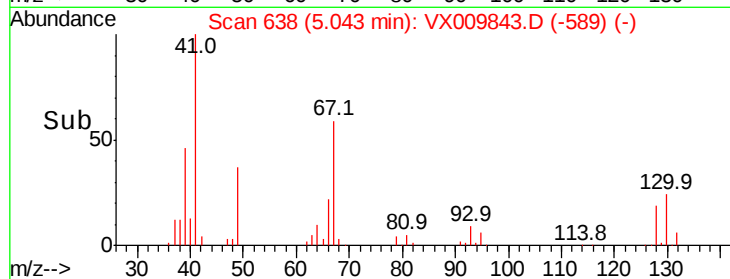
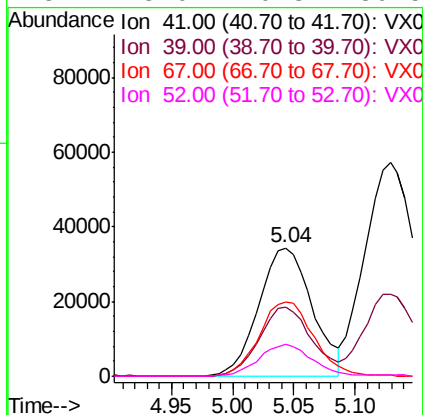
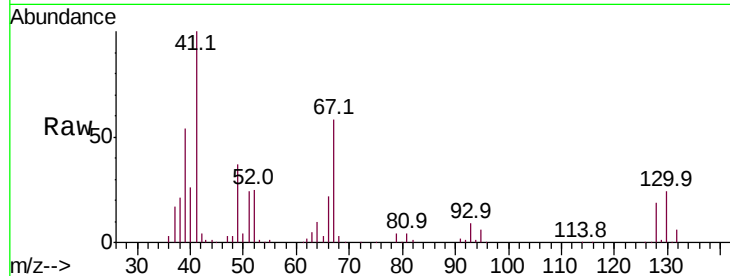
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.0	63.0	
67	59.8	49.8	74.8	
52	25.0	20.3	30.5	

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#42

1,2-Dichloroethane

Concen: 45.529 ug/l

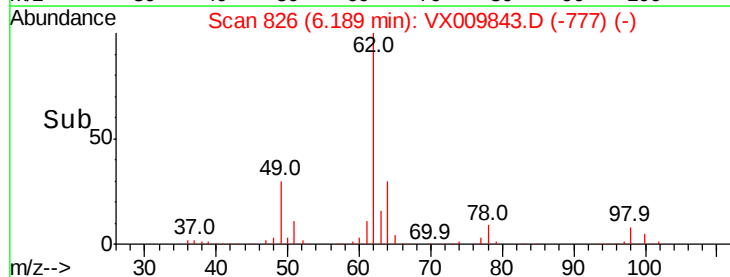
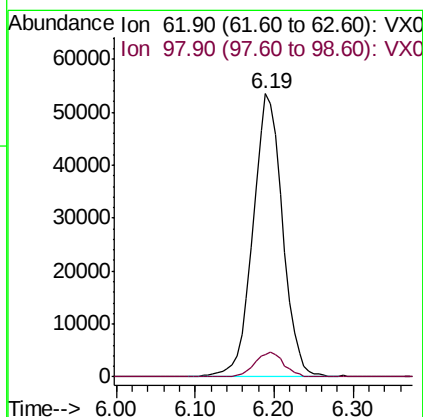
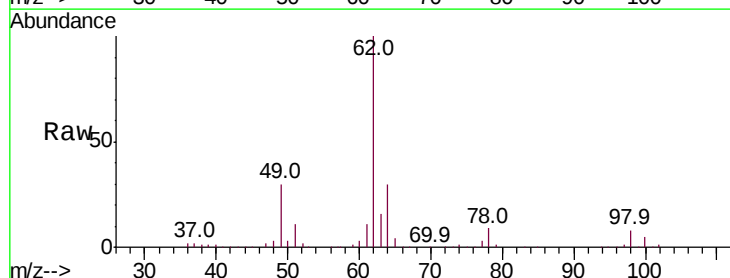
RT: 6.19 min Scan# 826

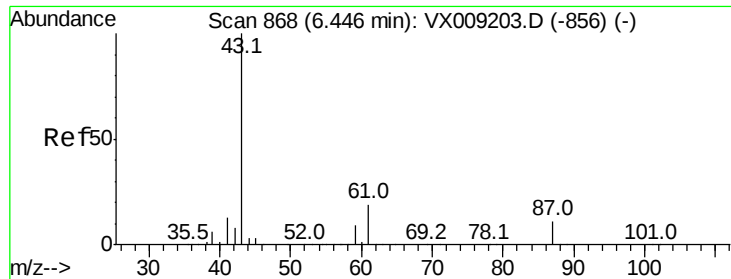
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.2	





#43

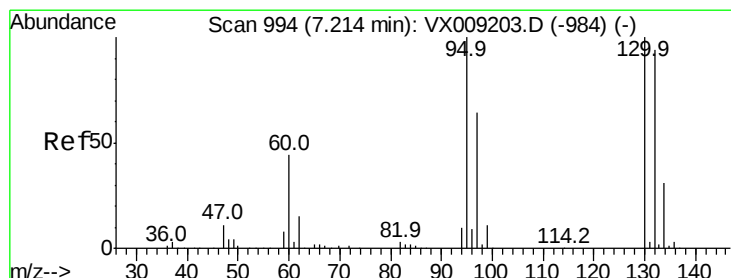
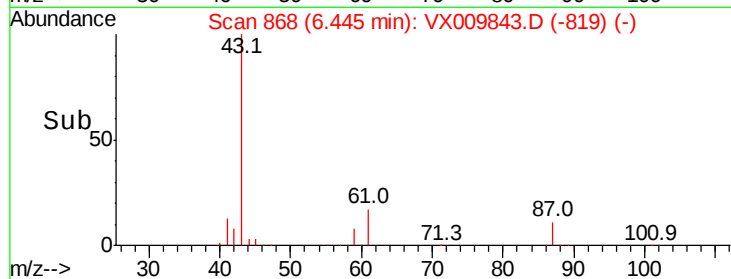
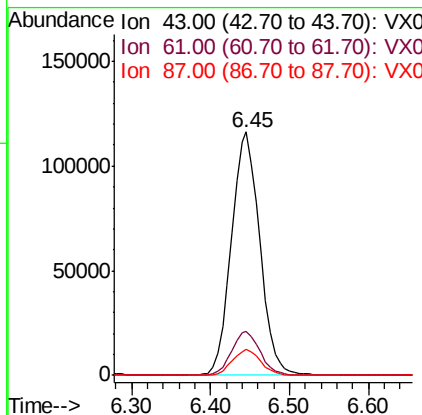
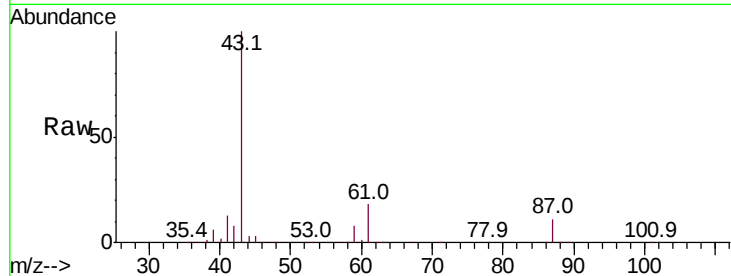
Isopropyl Acetate
 Concen: 47.192 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.1	22.7
87	10.7	9.0	13.6

Manual Integrations
 APPROVED

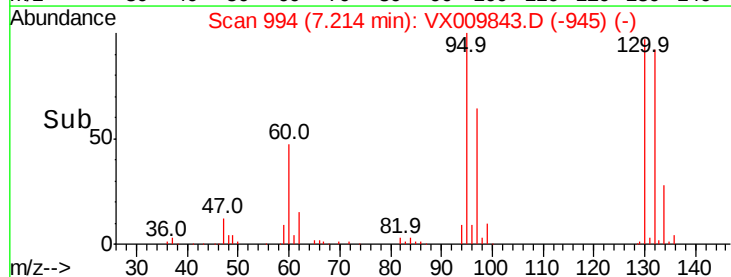
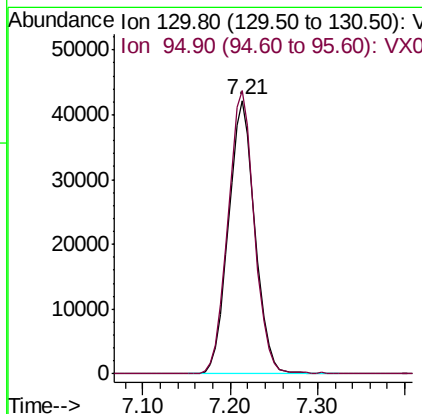
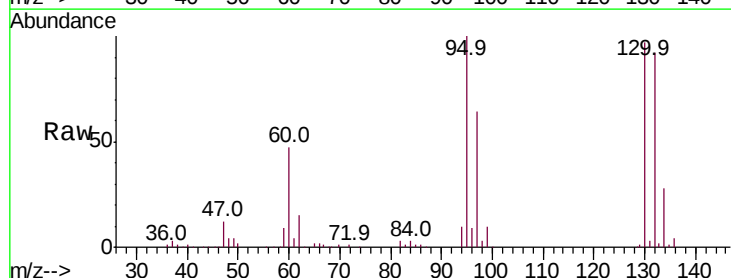
MMDadoda
 5/23/2019 10:38:50 AM

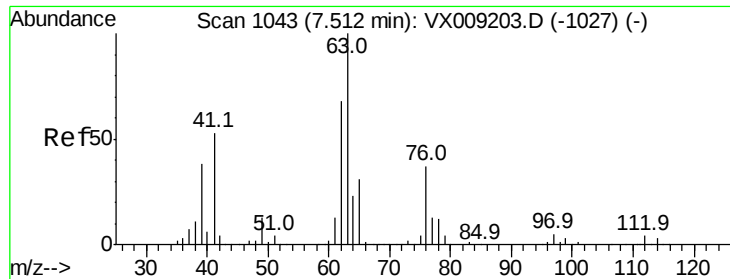


#44

Trichloroethene
 Concen: 43.154 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	199.2





#45

1,2-Dichloropropane

Concen: 44.450 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 63 Resp: 107226

Ion Ratio Lower Upper

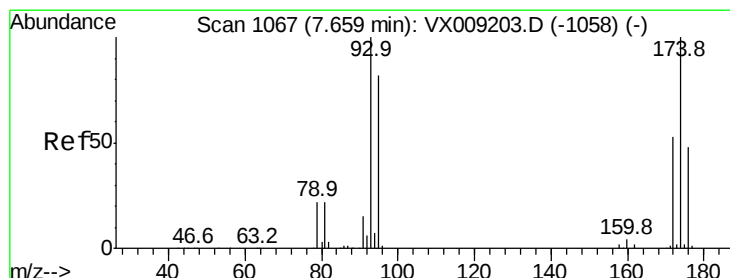
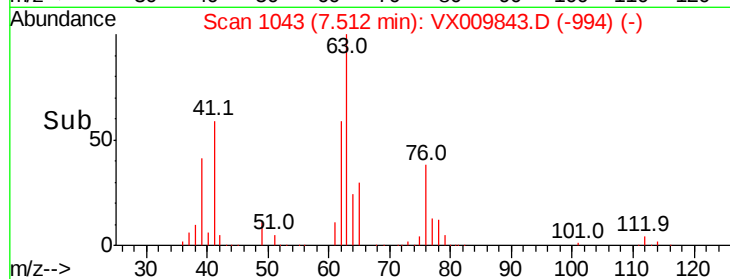
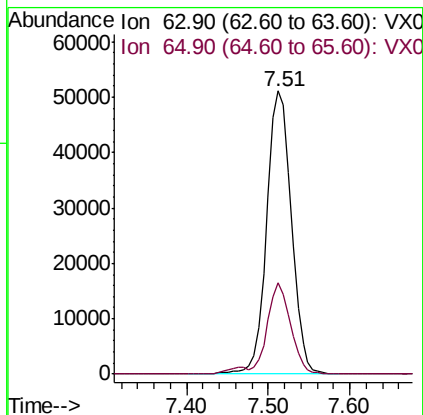
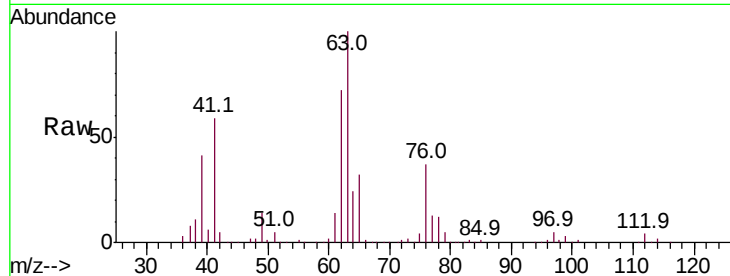
63 100

65 32.2 25.0 37.6

Manual Integrations
APPROVED

MMDadoda

5/23/2019 10:38:50 AM



#46

Dibromomethane

Concen: 43.738 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

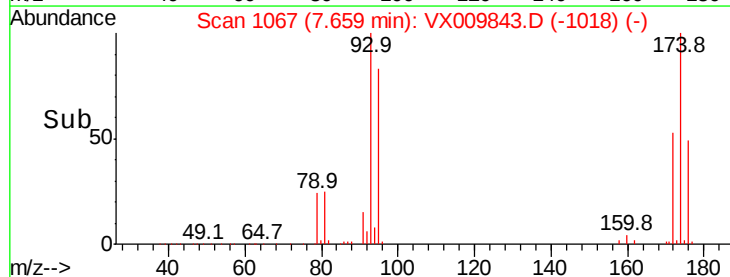
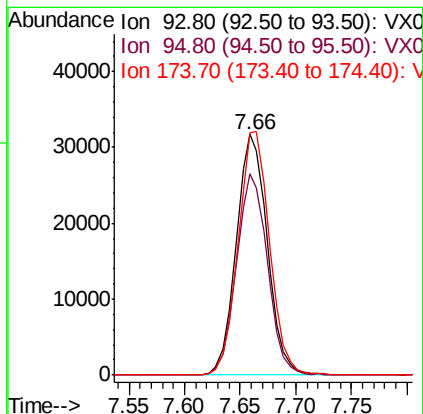
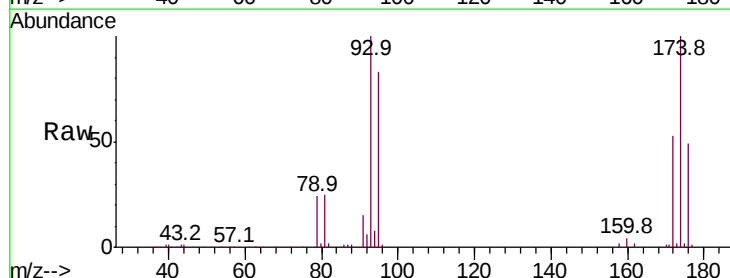
Tgt Ion: 93 Resp: 61270

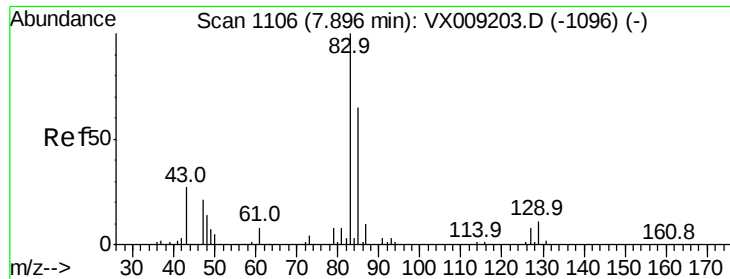
Ion Ratio Lower Upper

93 100

95 83.4 66.5 99.7

174 102.4 82.1 123.1





#47

Bromodichloromethane

Concen: 43.641 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

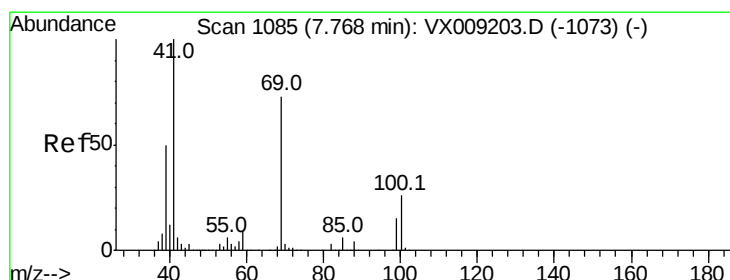
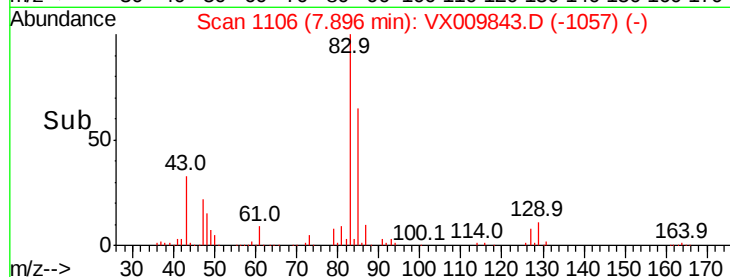
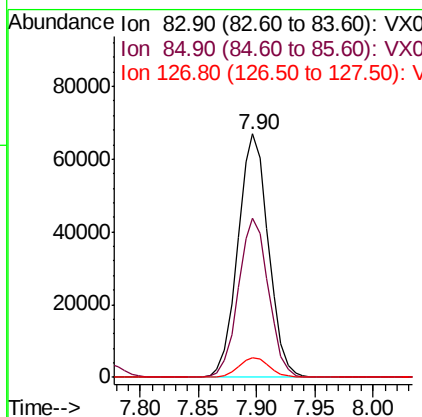
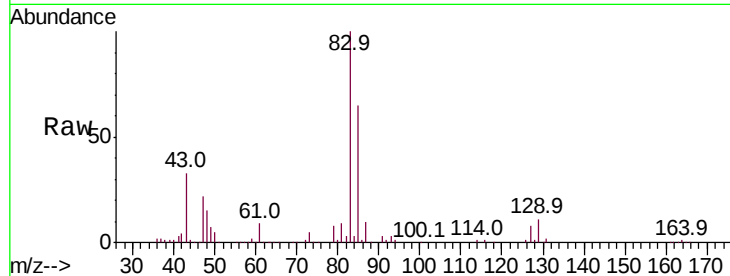
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	83	Resp:	121947
Ion Ratio	Lower	Upper	
83	100		
85	65.3	52.4	78.6
127	8.2	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#48

Methyl methacrylate

Concen: 47.654 ug/l

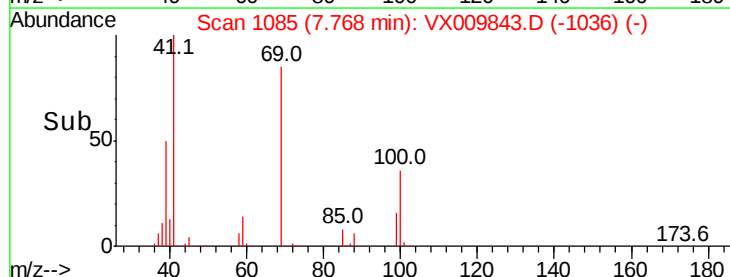
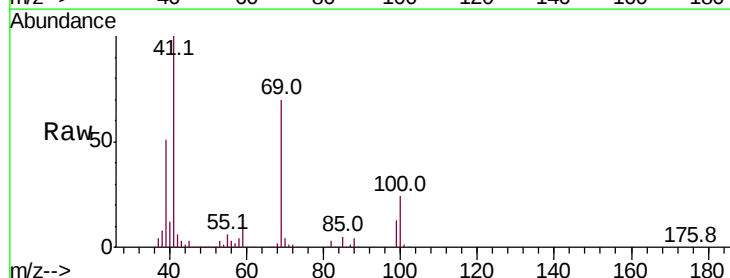
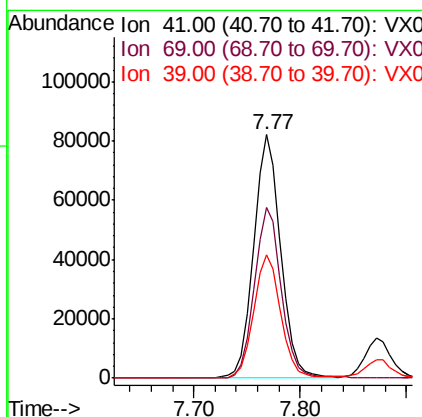
RT: 7.77 min Scan# 1085

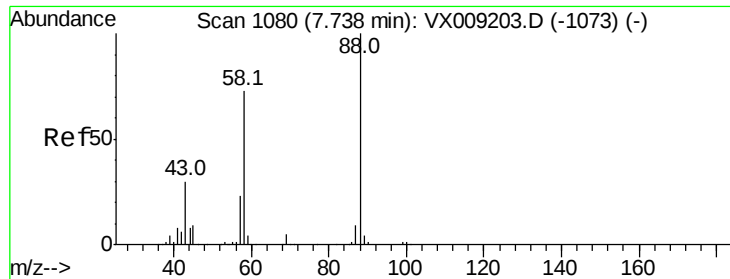
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	41	Resp:	145043
Ion Ratio	Lower	Upper	
41	100		
69	70.4	59.1	88.7
39	51.1	40.4	60.6





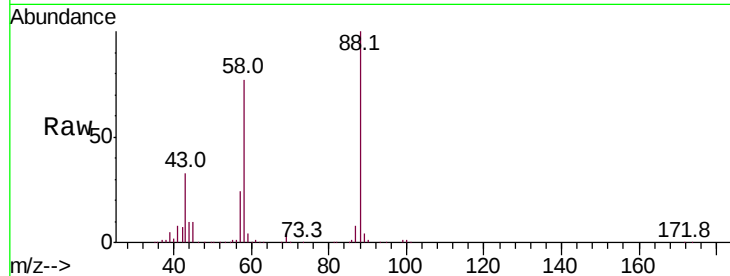
#49
1,4-Dioxane
Concen: 833.341 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.4	28.6	42.8
58	80.4	61.7	92.5

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM

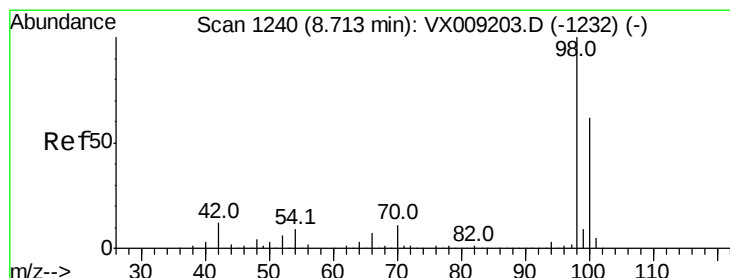
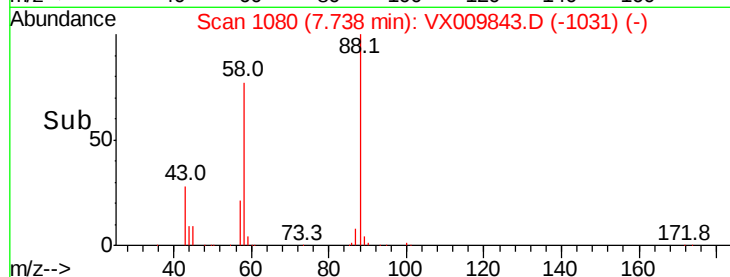
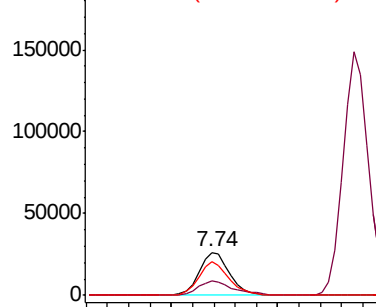


Abundance

Ion 88.00 (87.70 to 88.70): VX0

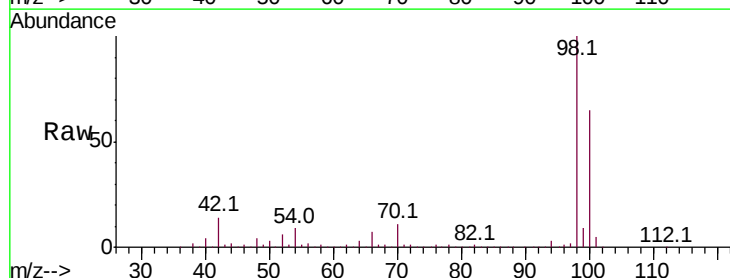
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 43.934 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

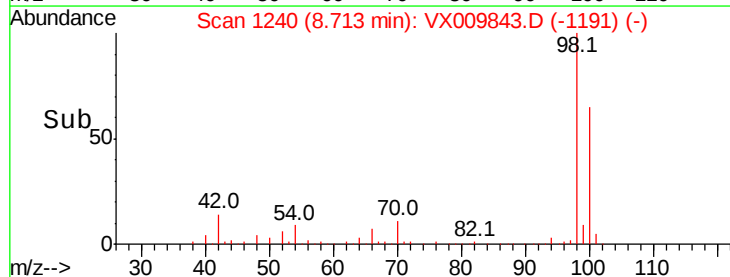
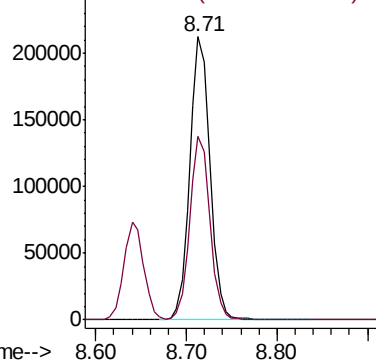
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8

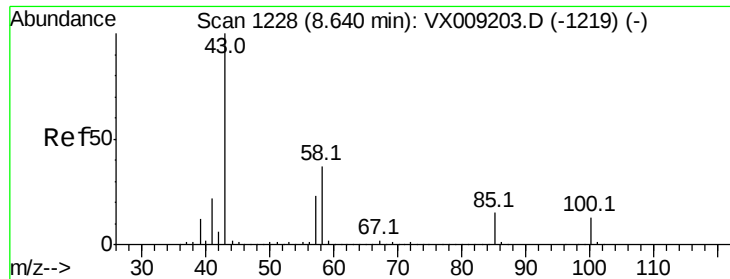


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 239.309 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 43 Resp: 959601

Ion Ratio Lower Upper

43 100

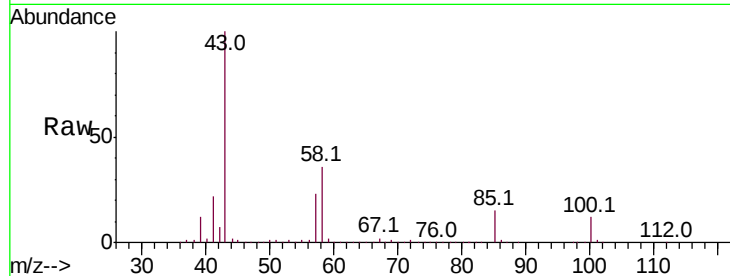
58 35.9 29.5 44.3

Manual Integrations

APPROVED

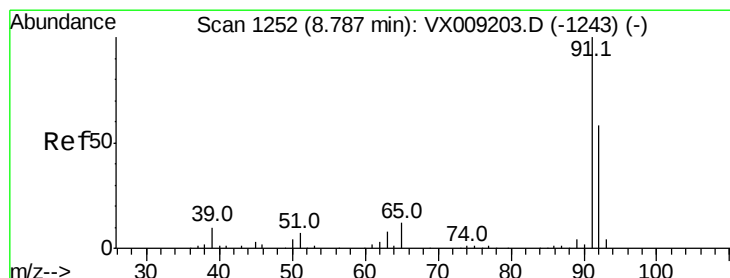
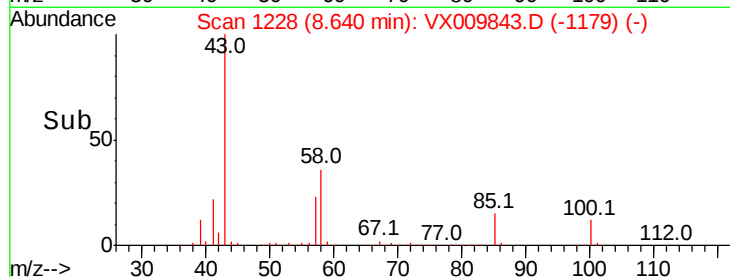
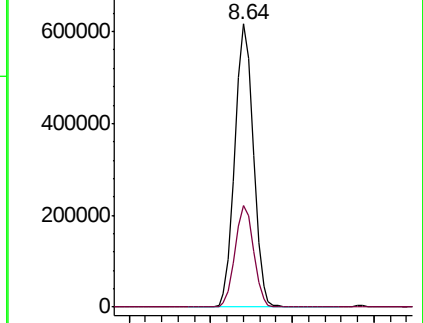
MMDadoda

5/23/2019 10:38:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 43.759 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009843.D

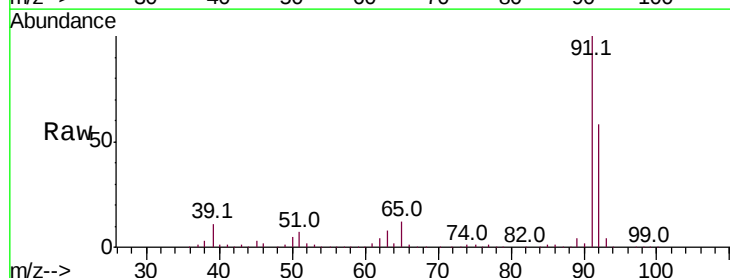
Acq: 23 May 2019 07:31

Tgt Ion: 92 Resp: 226609

Ion Ratio Lower Upper

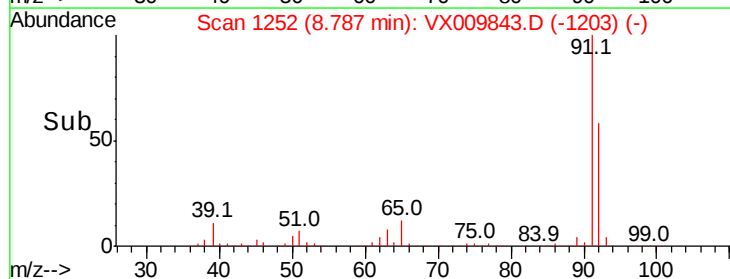
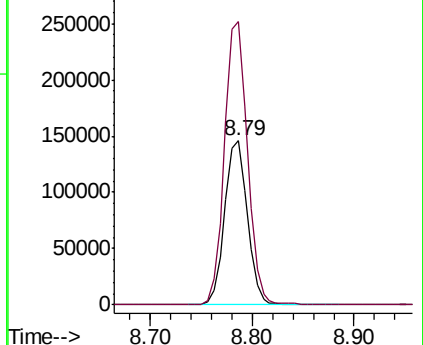
92 100

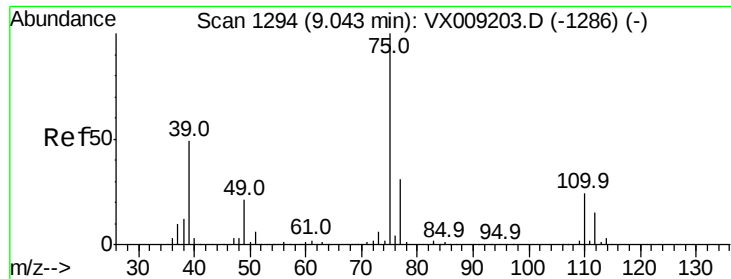
91 174.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





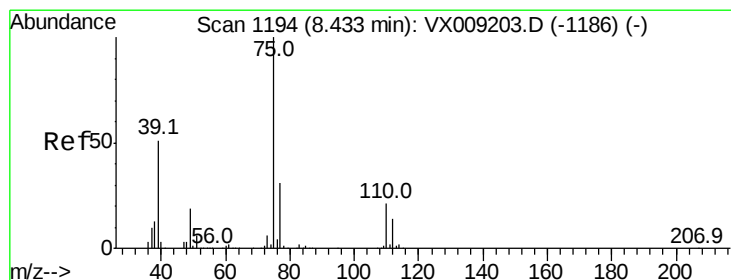
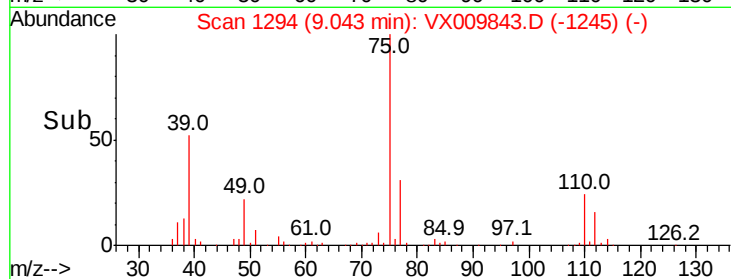
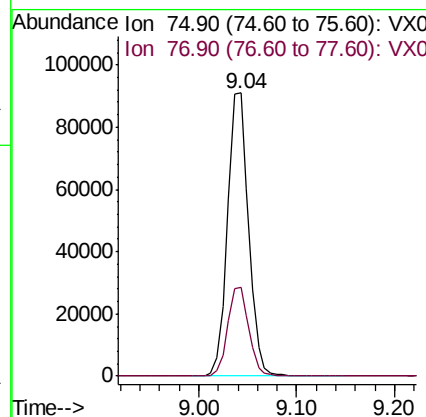
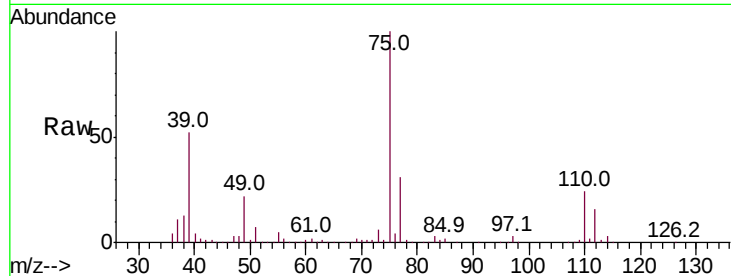
#53
t-1,3-Dichloropropene
Concen: 43.042 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6

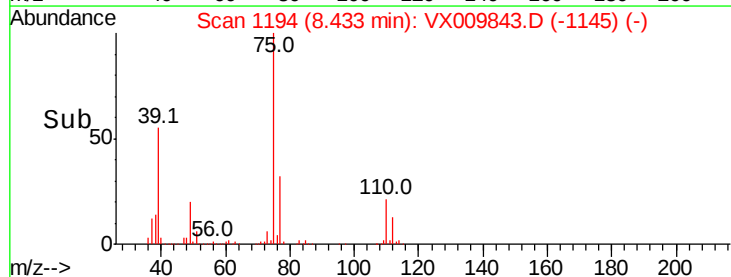
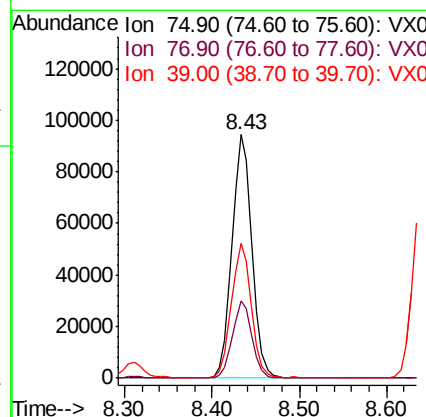
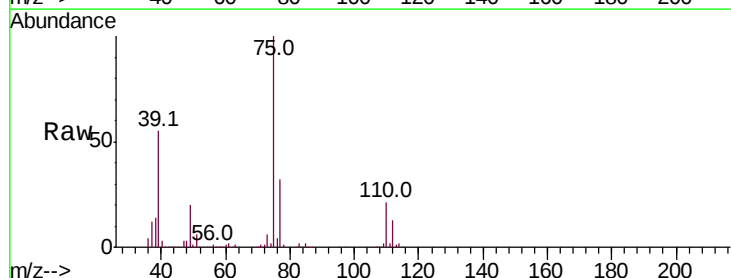
Manual Integrations
APPROVED

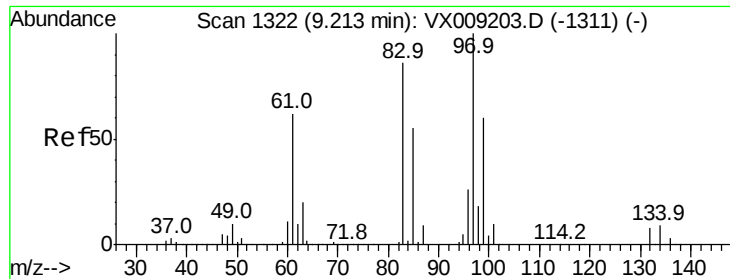
MMDadoda
5/23/2019 10:38:50 AM



#54
cis-1,3-Dichloropropene
Concen: 42.692 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	55.2	40.6	60.8





#55

1,1,2-Trichloroethane

Concen: 43.458 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

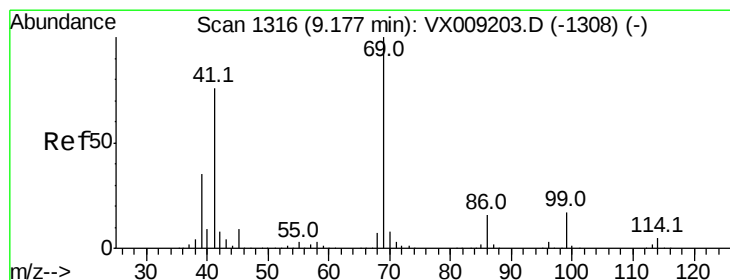
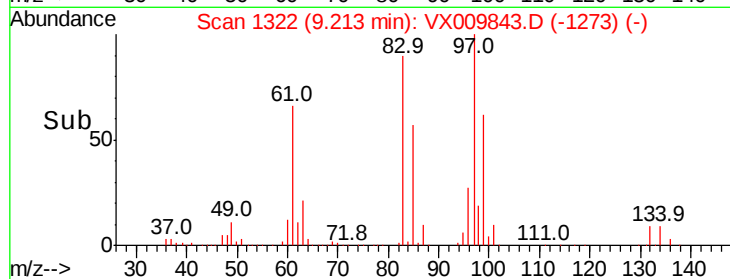
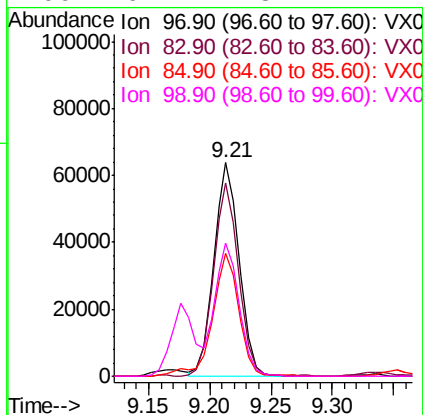
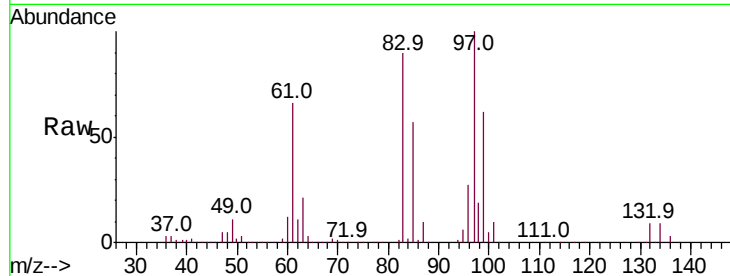
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	90.3	68.9	103.3	
85	57.3	43.8	65.6	
99	62.1	48.2	72.2	

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#56

Ethyl methacrylate

Concen: 45.683 ug/l

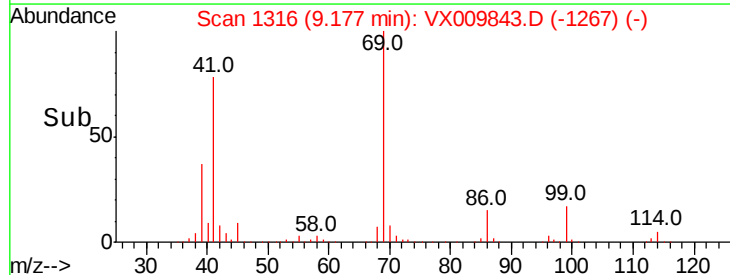
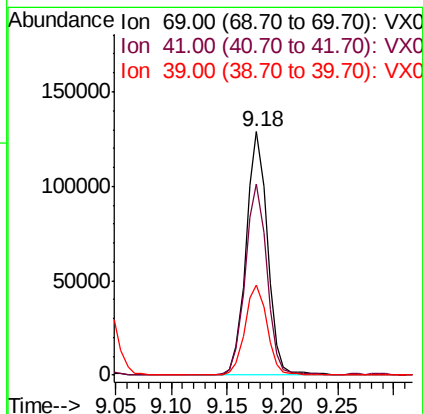
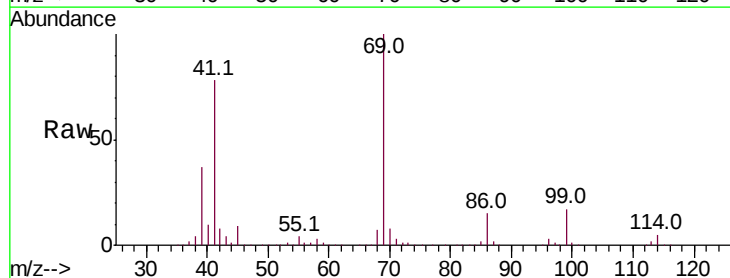
RT: 9.18 min Scan# 1316

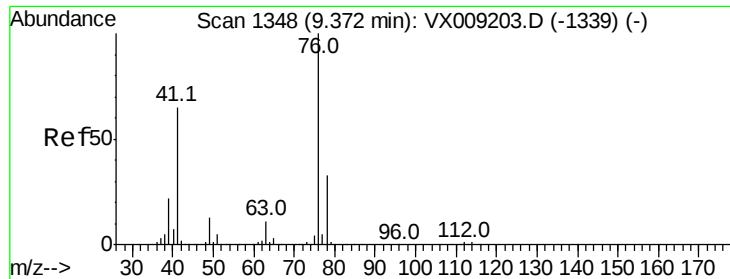
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	79.4	60.6	90.8	
39	38.1	28.2	42.4	





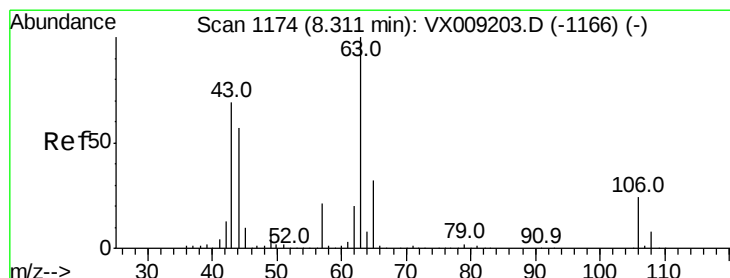
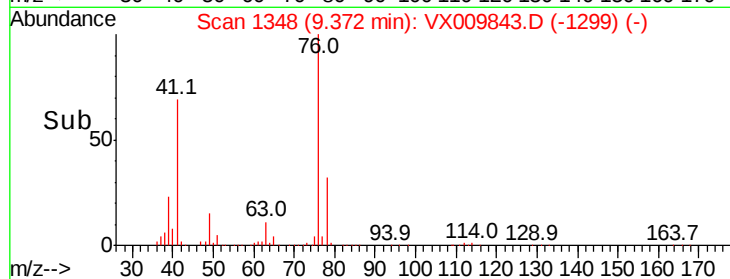
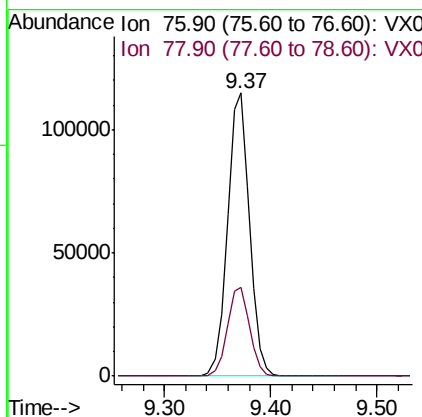
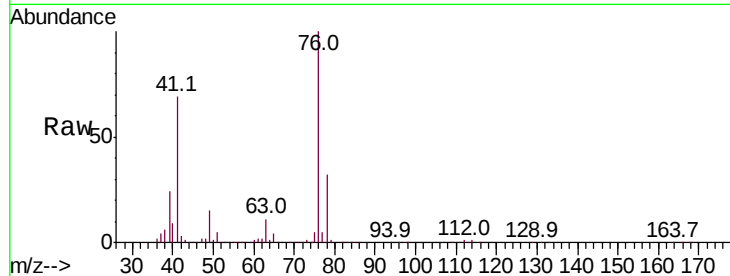
#57
 1,3-Dichloropropane
 Concen: 44.459 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

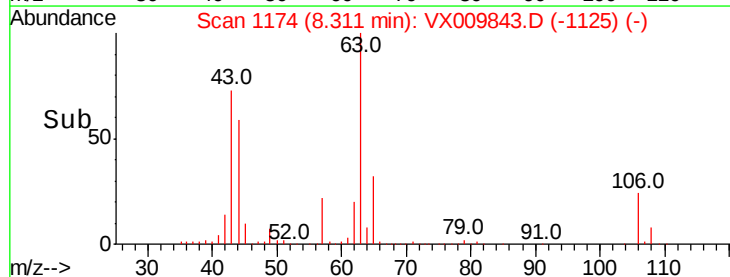
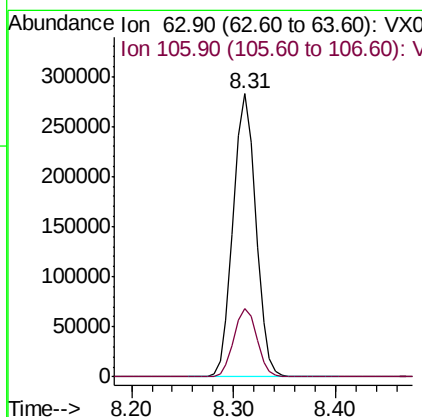
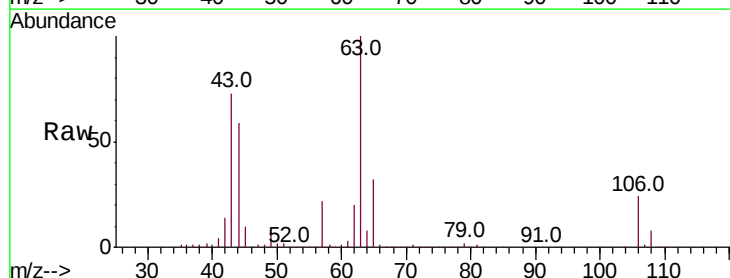
Manual Integrations
 APPROVED

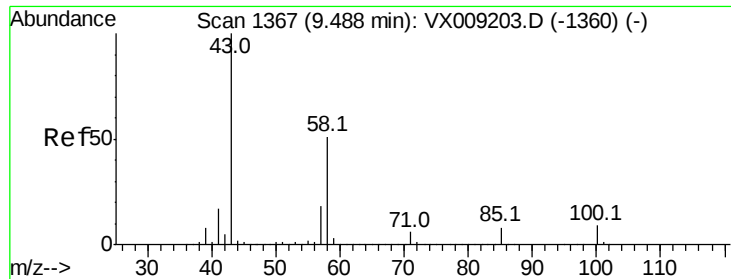
MMDadoda
 5/23/2019 10:38:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 217.396 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.4	19.7	29.5





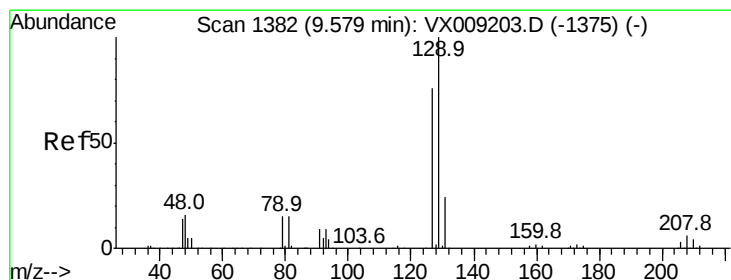
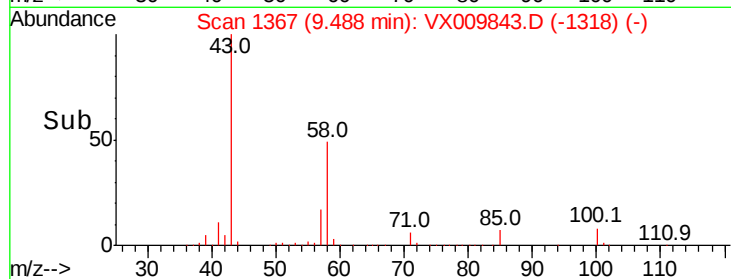
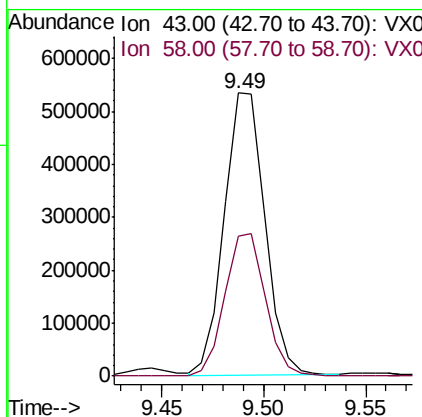
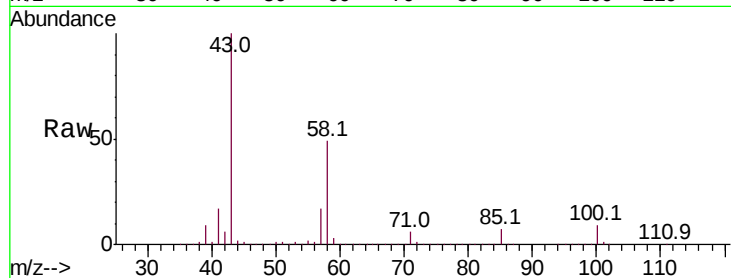
#59
2-Hexanone
Concen: 232.581 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion: 43 Resp: 732470
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.7

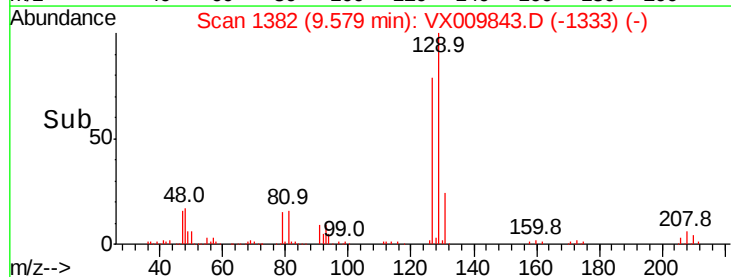
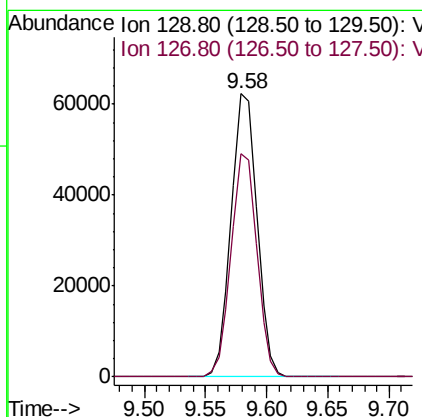
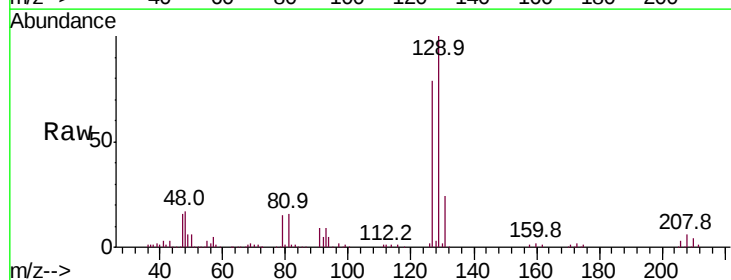
Manual Integrations
APPROVED

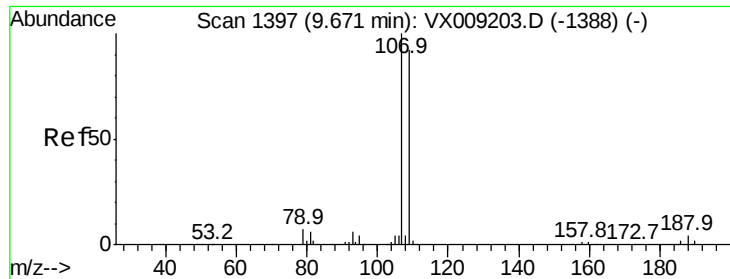
MMDadoda
5/23/2019 10:38:50 AM



#60
Dibromochloromethane
Concen: 44.304 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion: 129 Resp: 91420
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.1





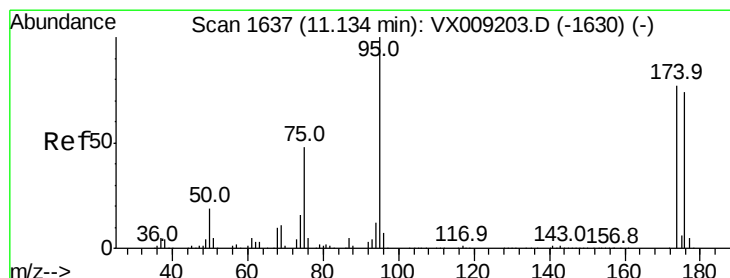
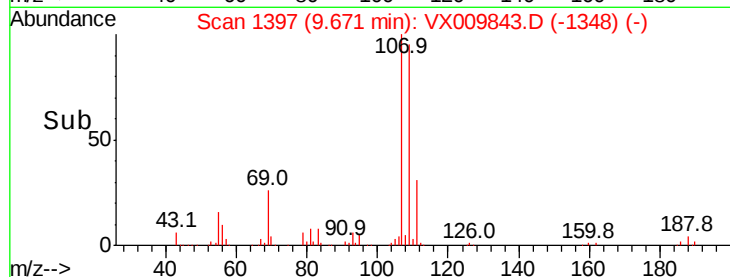
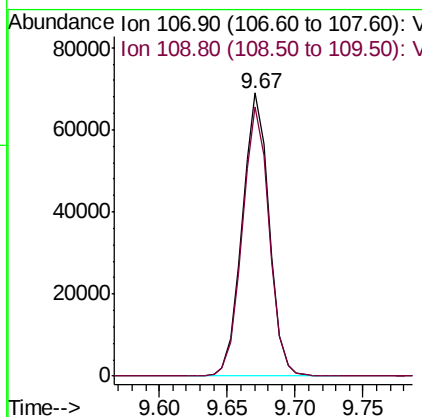
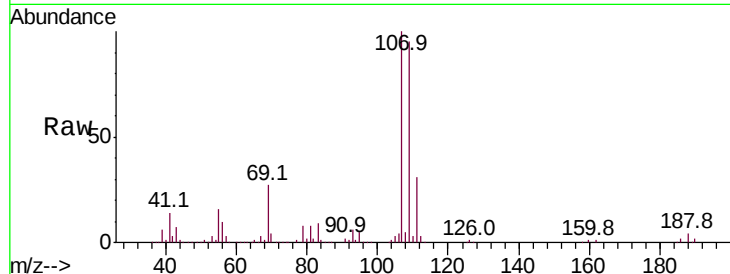
#61
 1,2-Dibromoethane
 Concen: 44.508 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.2	112.8

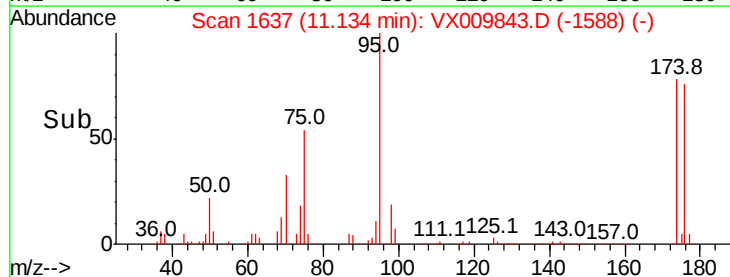
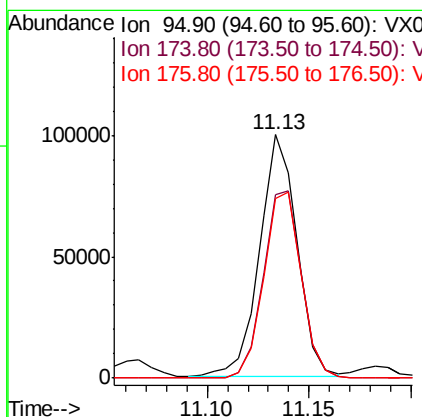
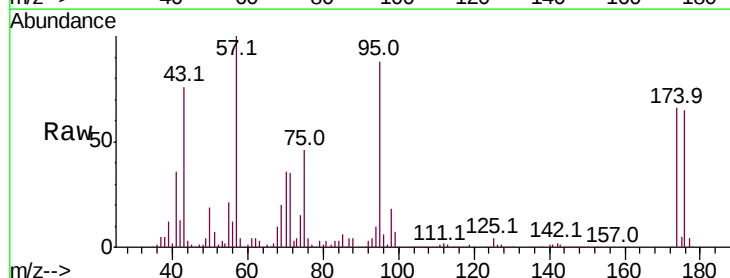
Manual Integrations
 APPROVED

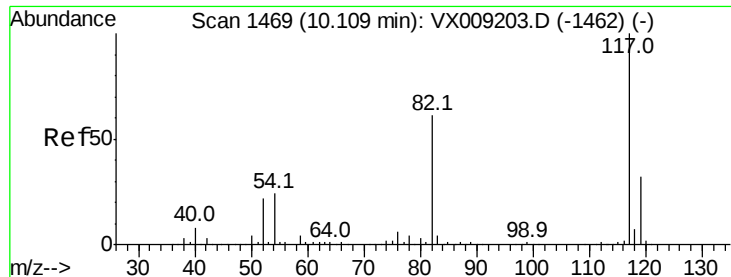
MMDadoda
 5/23/2019 10:38:50 AM



#62
 4-Bromofluorobenzene
 Concen: 46.692 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	161.6
176	77.0	0.0	159.2





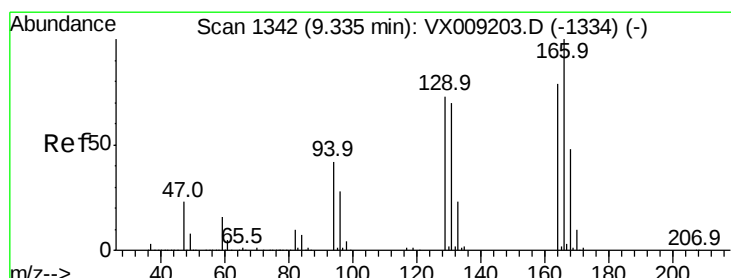
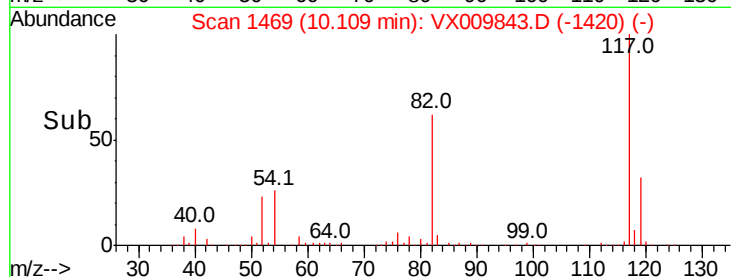
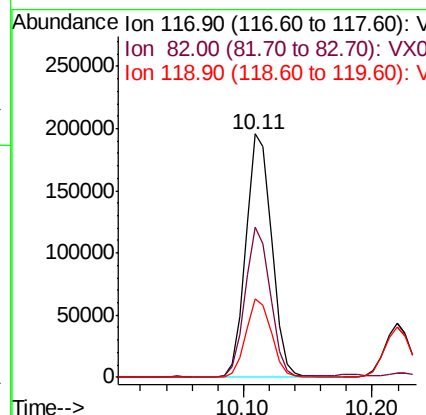
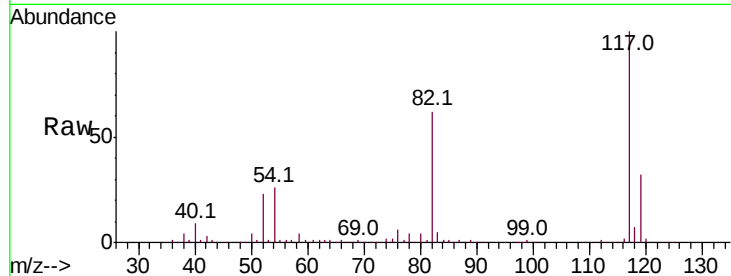
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	270346		
82	61.3	48.8	73.2	
119	32.4	25.8	38.6	

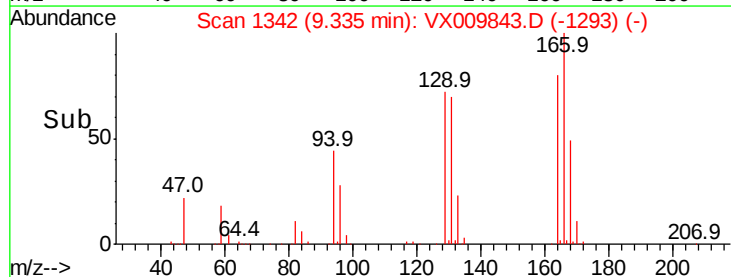
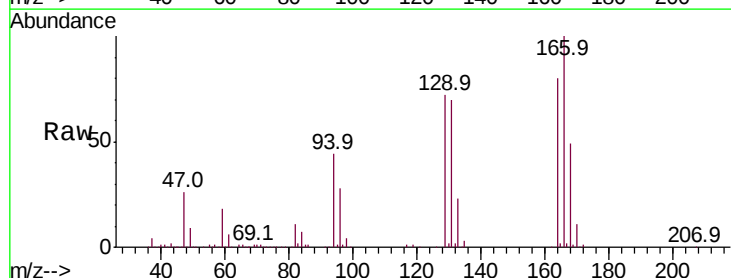
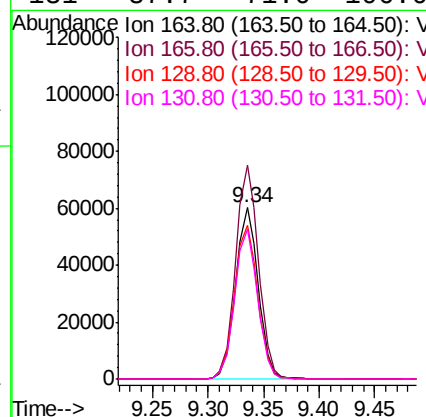
Manual Integrations
APPROVED

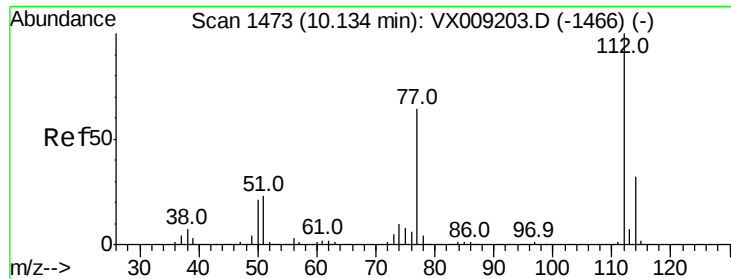
MMDadoda
5/23/2019 10:38:50 AM



#64
Tetrachloroethene
Concen: 45.640 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84638		
166	124.6	101.2	151.8	
129	89.4	74.3	111.5	
131	87.7	71.0	106.6	





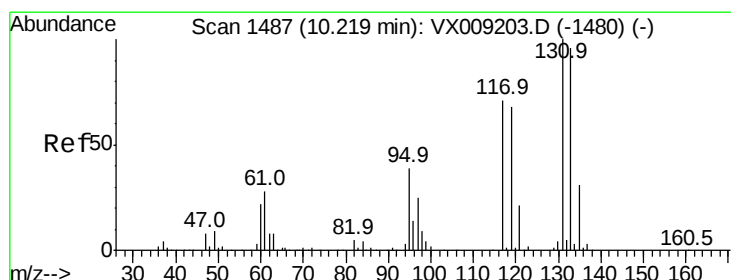
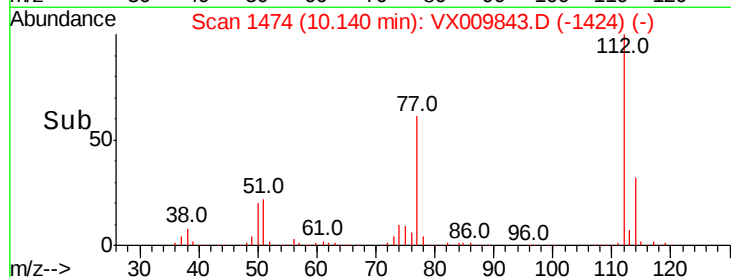
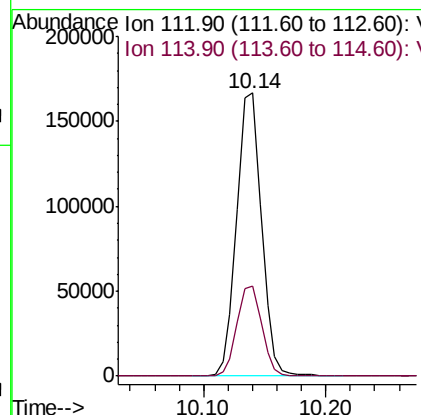
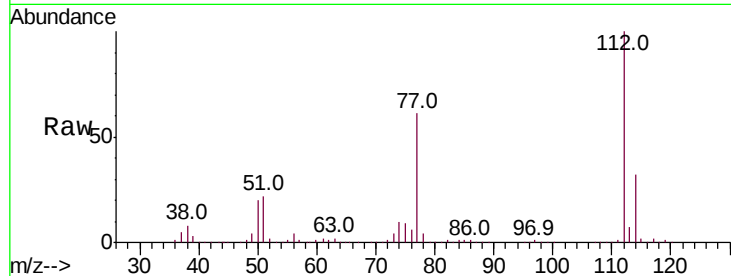
#65
Chlorobenzene
Concen: 43.206 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion:112 Resp: 233663
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

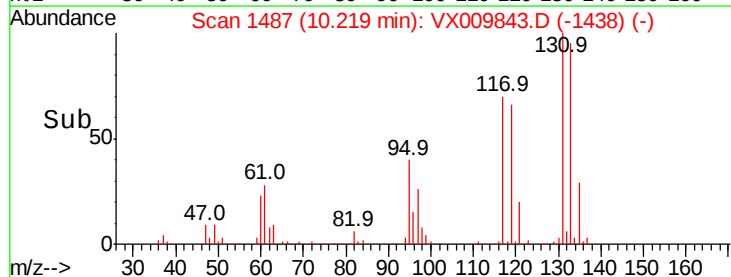
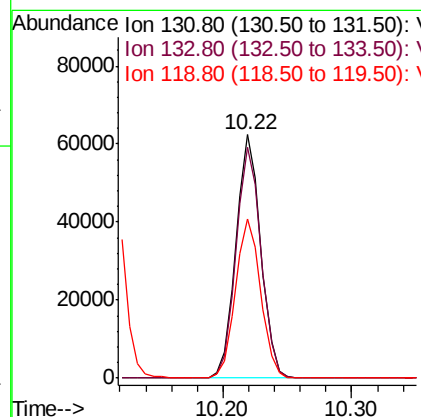
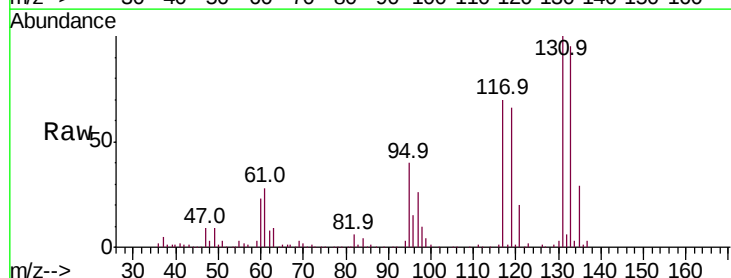
Manual Integrations
APPROVED

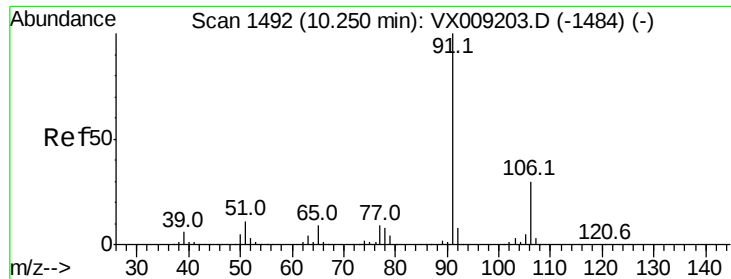
MMDadoda
5/23/2019 10:38:50 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 42.818 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion:131 Resp: 83953
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 66.6 33.5 100.4





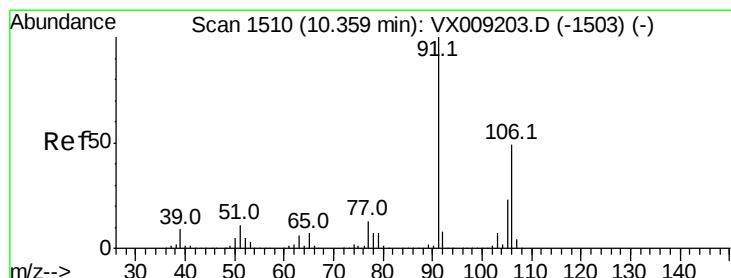
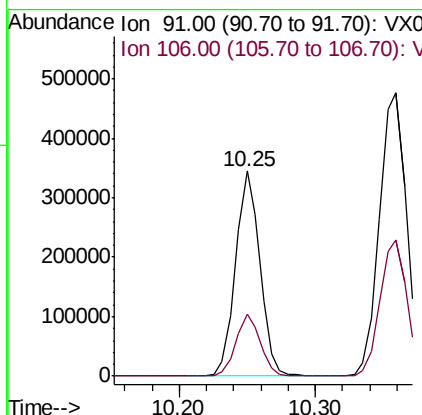
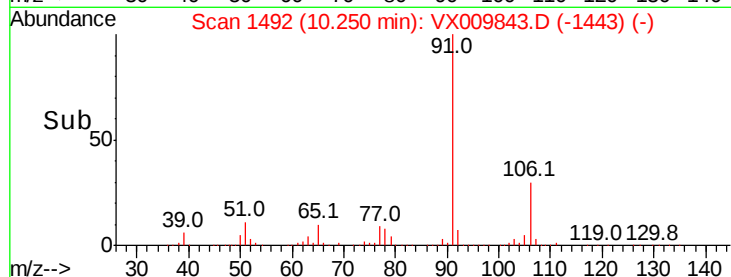
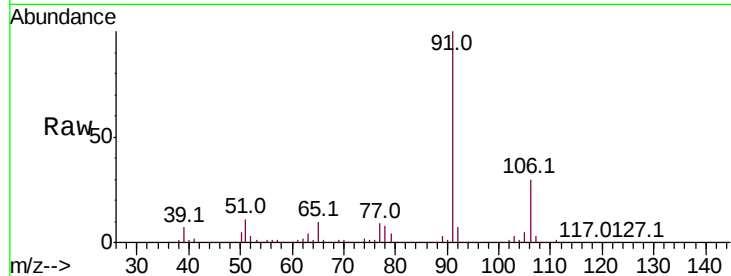
#67
Ethyl Benzene
Concen: 43.214 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion: 91 Resp: 430110
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

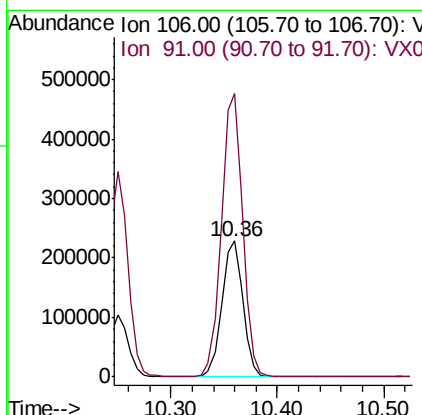
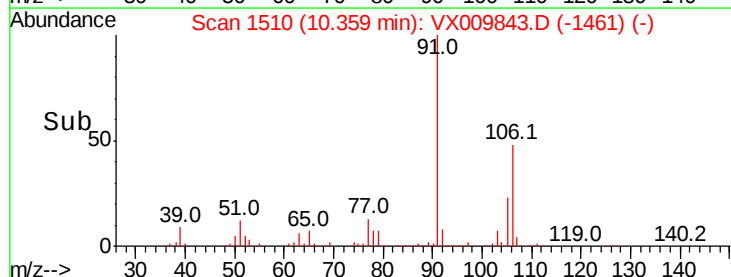
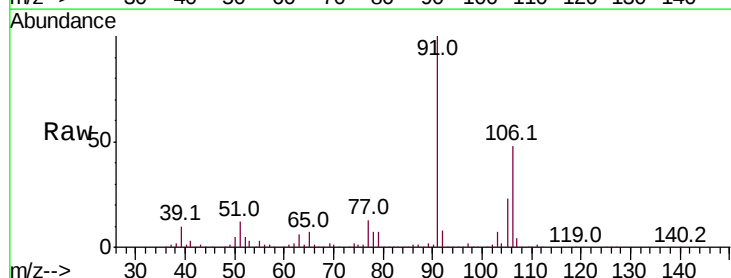
Manual Integrations
APPROVED

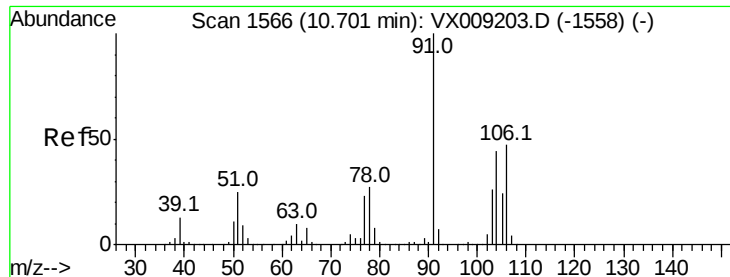
MMDadoda
5/23/2019 10:38:50 AM



#68
m/p-Xylenes
Concen: 86.473 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion: 106 Resp: 314517
Ion Ratio Lower Upper
106 100
91 210.8 164.0 246.0





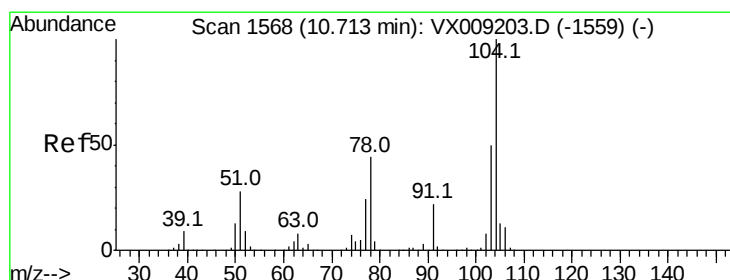
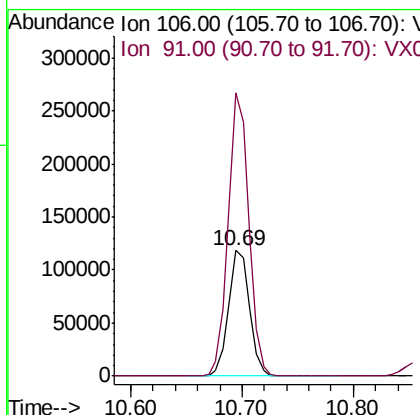
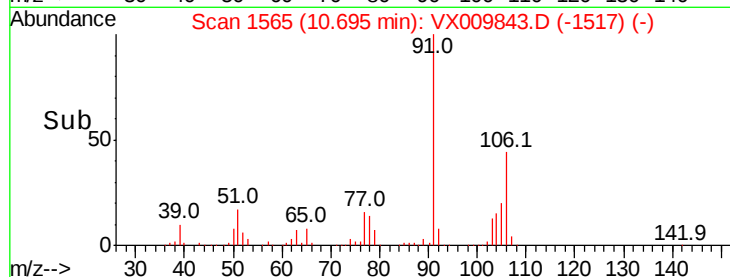
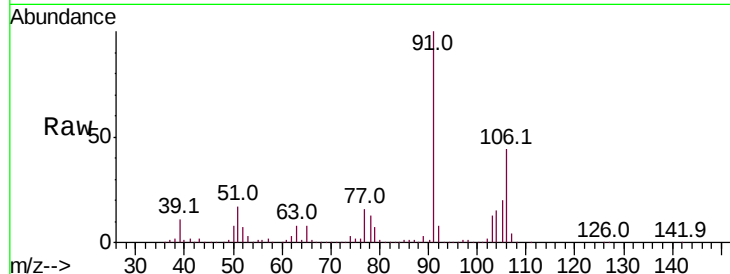
#69
o-Xylene
Concen: 43.324 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion:106 Resp: 155471
Ion Ratio Lower Upper
106 100
91 220.3 109.5 328.4

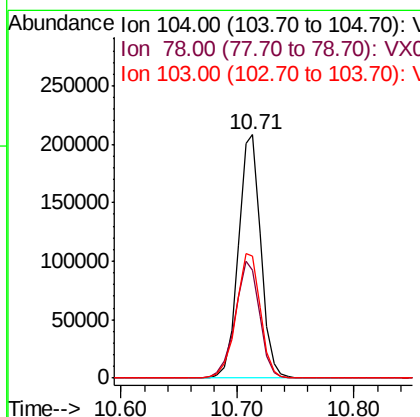
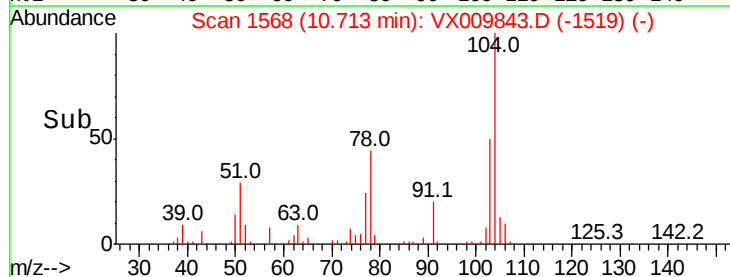
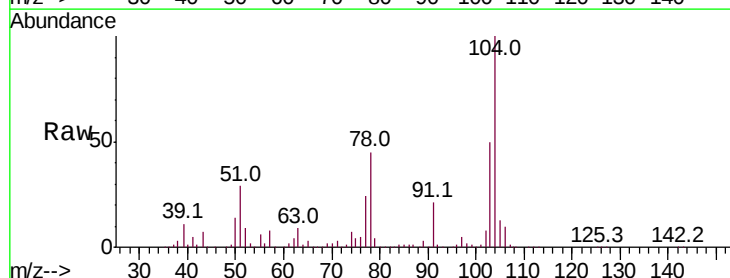
Manual Integrations
APPROVED

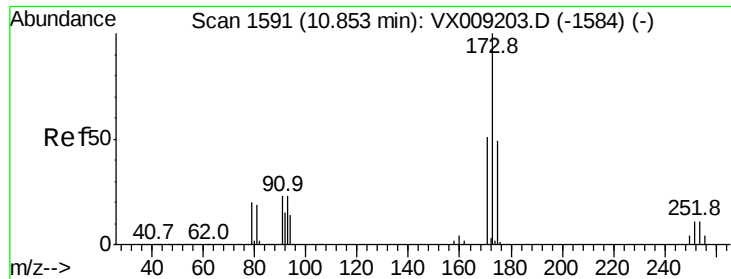
MMDadoda
5/23/2019 10:38:50 AM



#70
Styrene
Concen: 44.683 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion:104 Resp: 278700
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.6 43.8 65.6





#71

Bromoform

Concen: 43.940 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:173 Resp: 70011

Ion Ratio Lower Upper

173 100

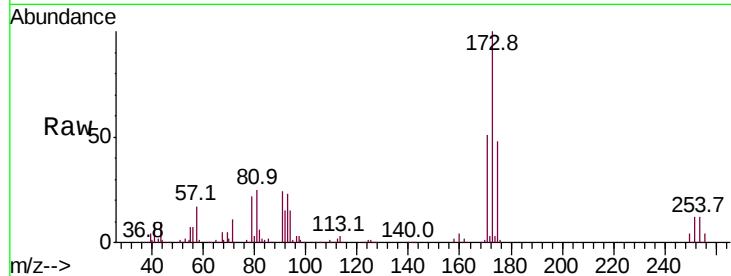
175 48.3 24.5 73.5

254 0.1 0.1 0.1#

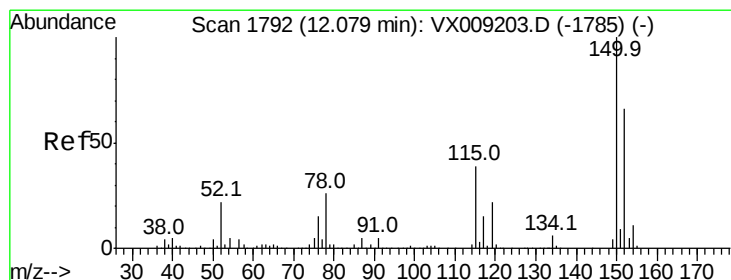
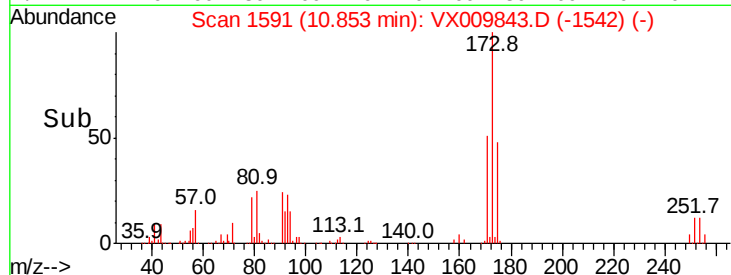
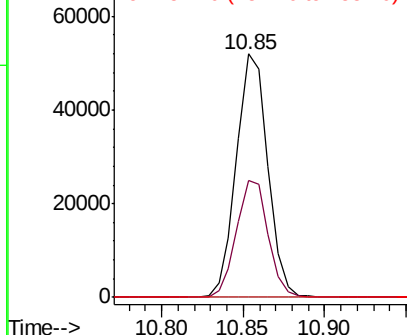
Manual Integrations
APPROVED

MMDadoda

5/23/2019 10:38:50 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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

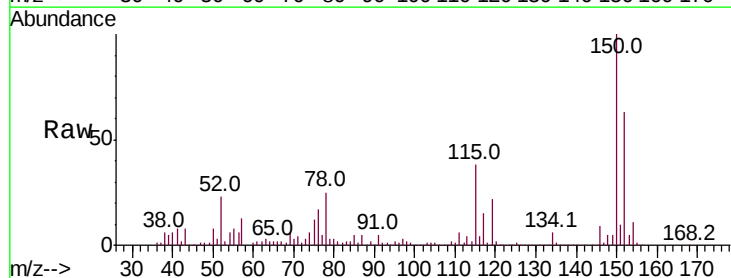
Tgt Ion:152 Resp: 139497

Ion Ratio Lower Upper

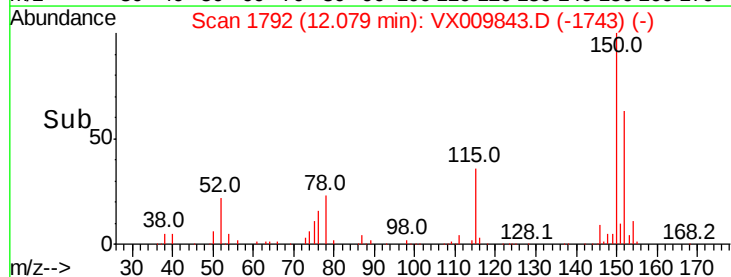
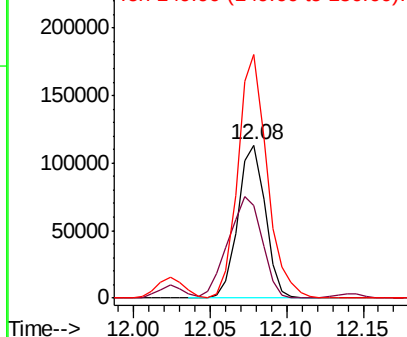
152 100

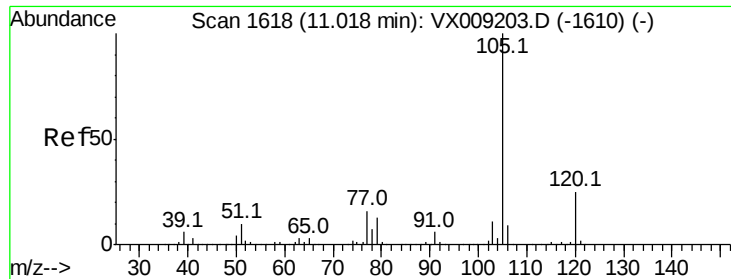
115 82.9 41.2 123.6

150 170.5 0.0 346.4



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: 42.167 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:105 Resp: 427742

Ion Ratio Lower Upper

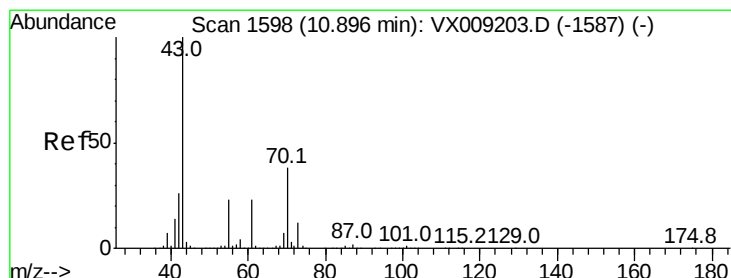
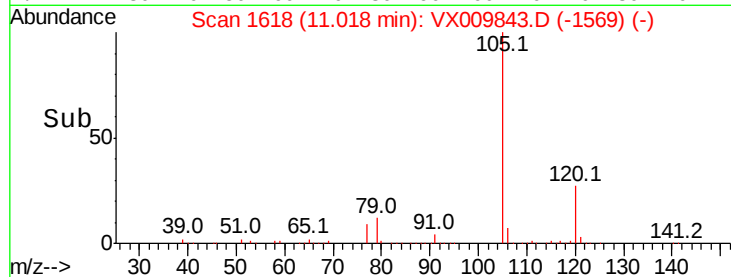
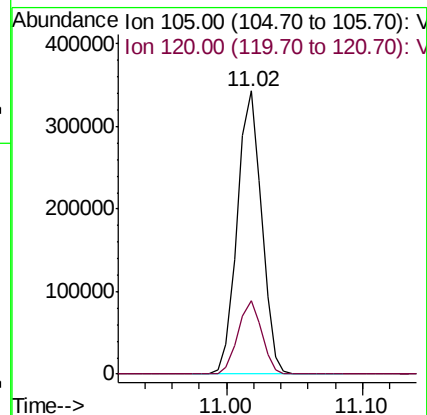
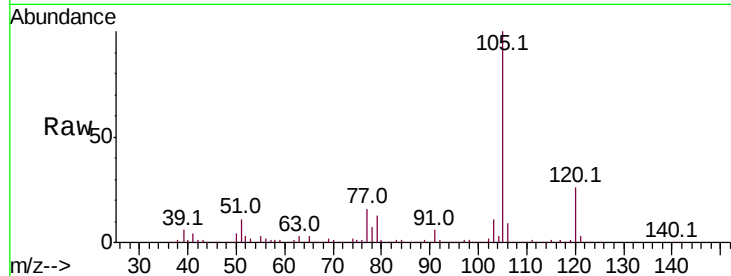
105 100

120 25.6 12.8 38.3

Manual Integrations
APPROVED

MMDadoda

5/23/2019 10:38:50 AM



#74

N-ethyl acetate

Concen: 53.052 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion: 43 Resp: 313754

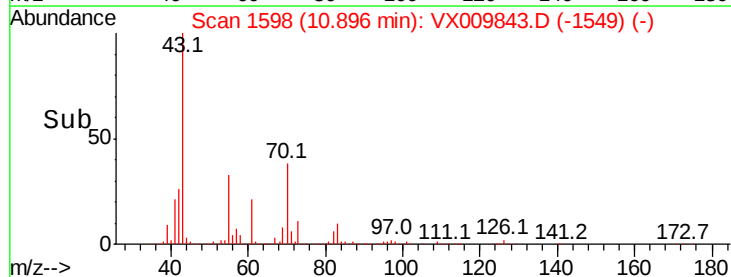
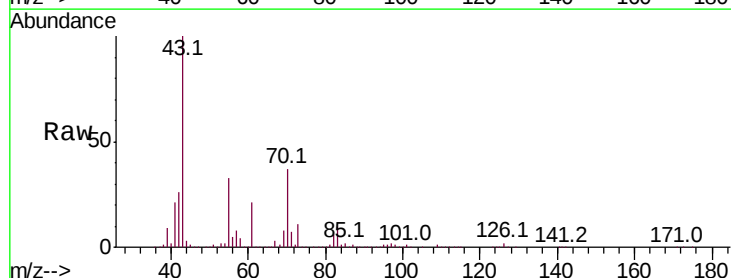
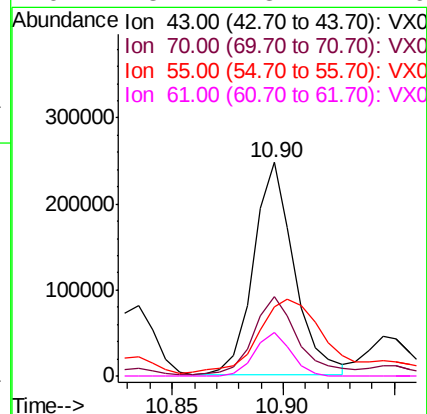
Ion Ratio Lower Upper

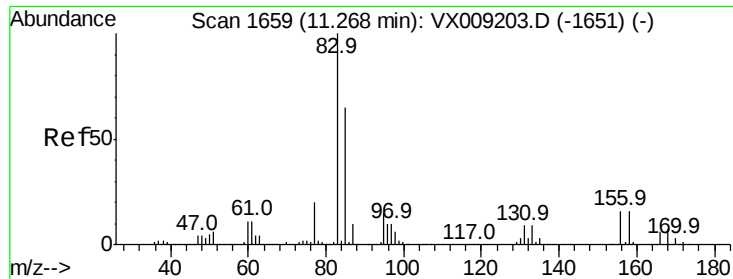
43 100

70 41.4 30.0 45.0

55 54.7 17.9 26.9#

61 18.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.514 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

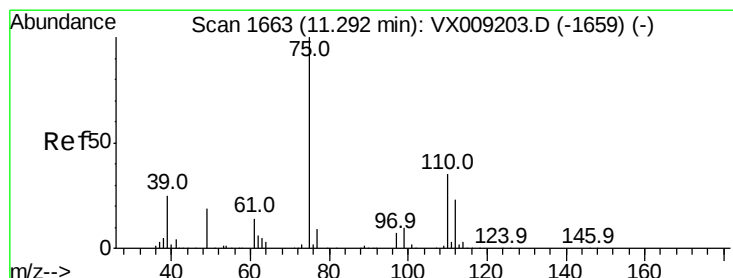
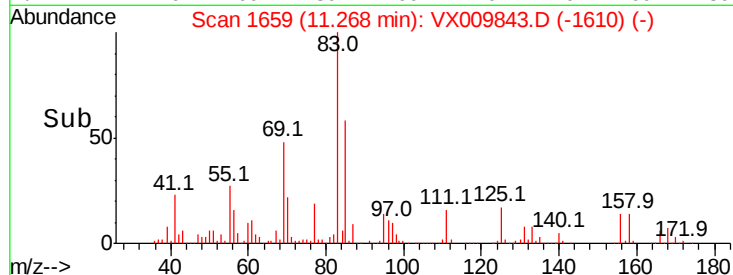
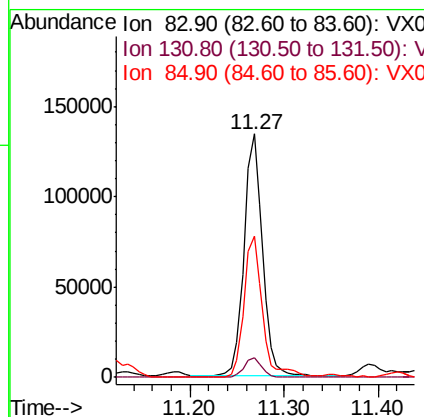
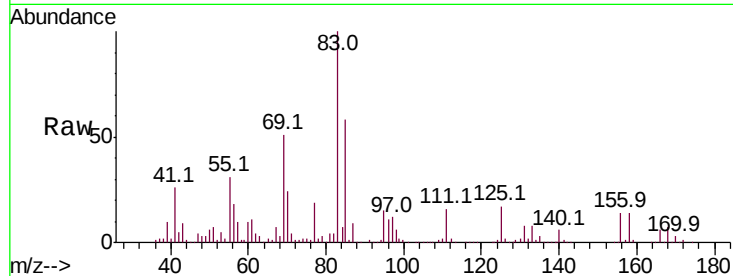
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	83	Resp:	183457
Ion Ratio	Lower	Upper	
83	100		
131	7.9	4.6	13.8
85	57.8	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#76

1,2,3-Trichloropropane

Concen: 41.401 ug/l m

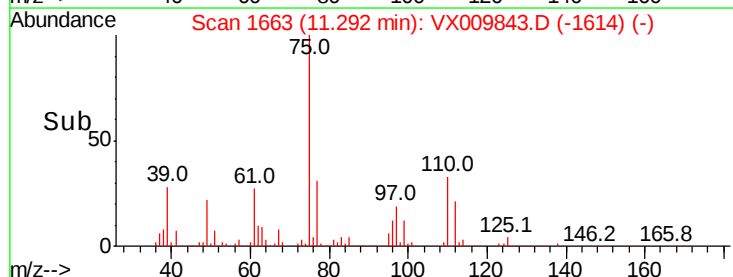
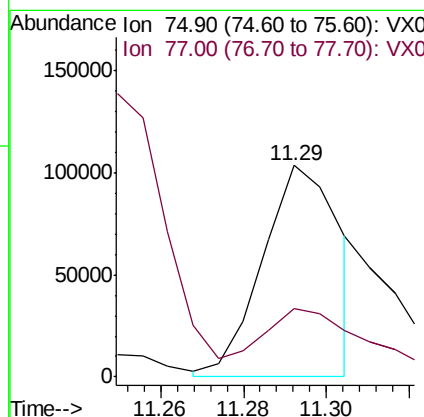
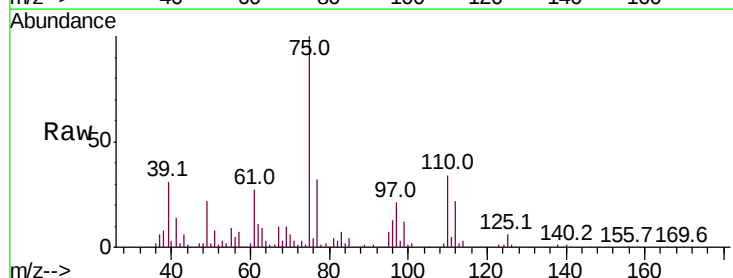
RT: 11.29 min Scan# 1663

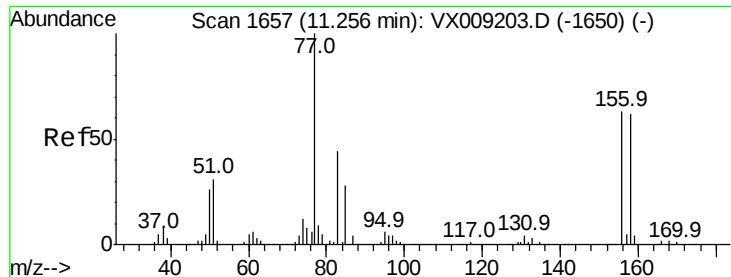
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	75	Resp:	133965
Ion Ratio	Lower	Upper	
75	100		
77	42.5	22.1	66.1





#77

Bromobenzene

Concen: 41.027 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

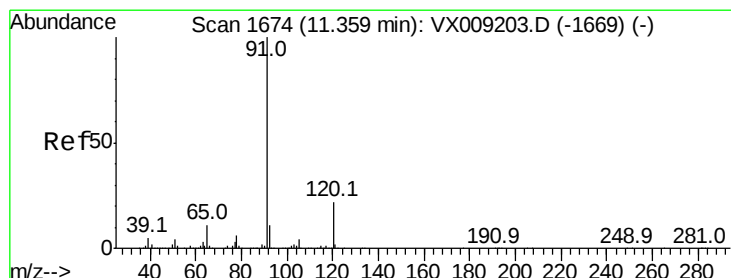
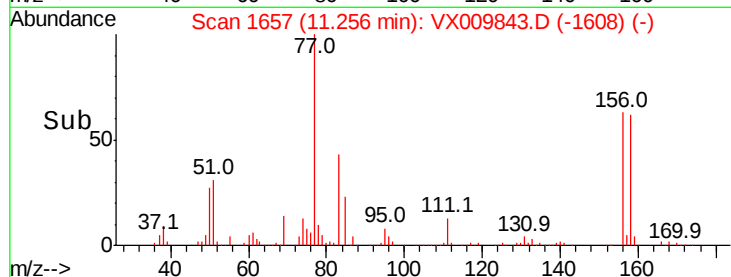
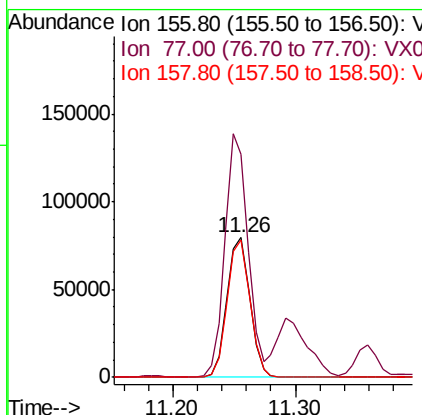
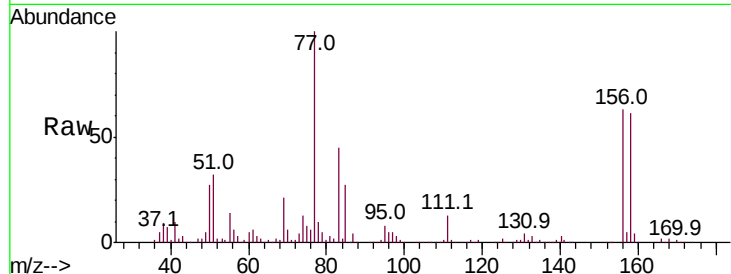
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	156	Resp:	103297
Ion Ratio	Lower	Upper	
156	100		
77	174.5	84.8	254.3
158	97.6	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#78

n-propylbenzene

Concen: 47.301 ug/l

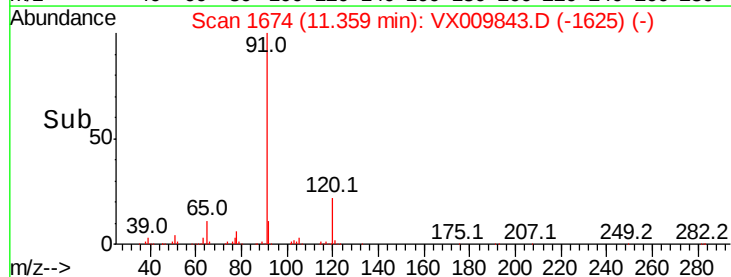
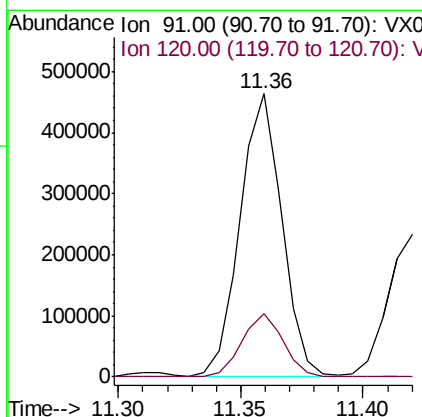
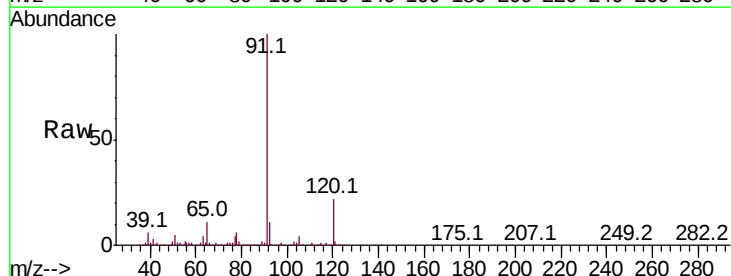
RT: 11.36 min Scan# 1674

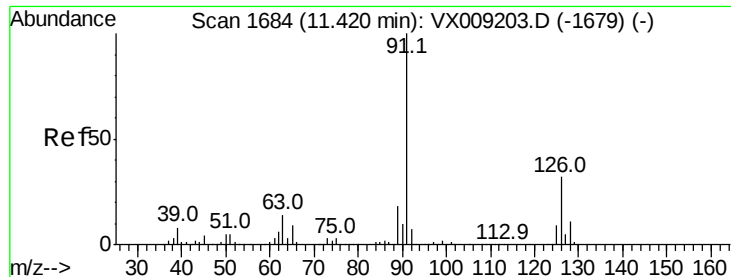
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	91	Resp:	547981
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.0	33.0





#79

2-Chlorotoluene

Concen: 40.417 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 91 Resp: 288876

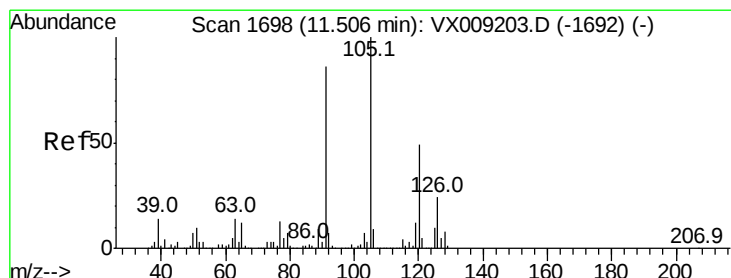
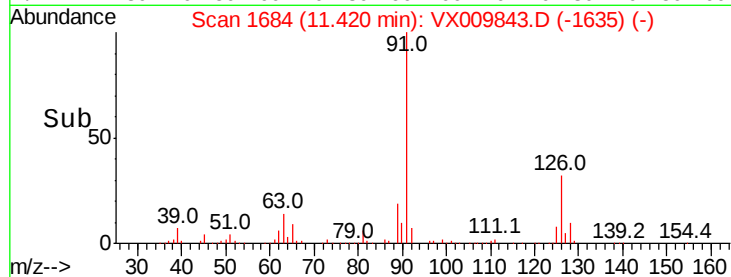
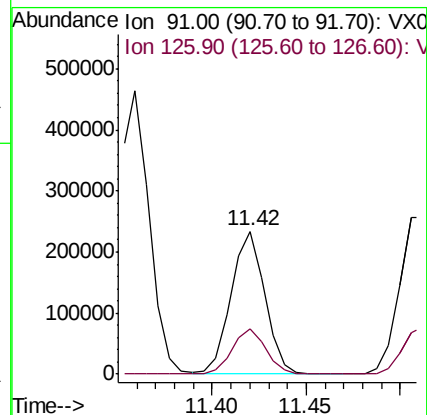
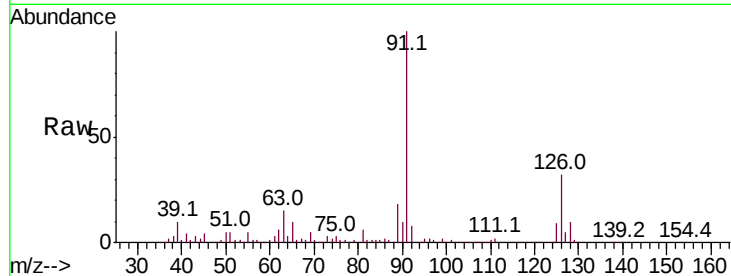
Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.9

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#80

1,3,5-Trimethylbenzene

Concen: 44.587 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009843.D

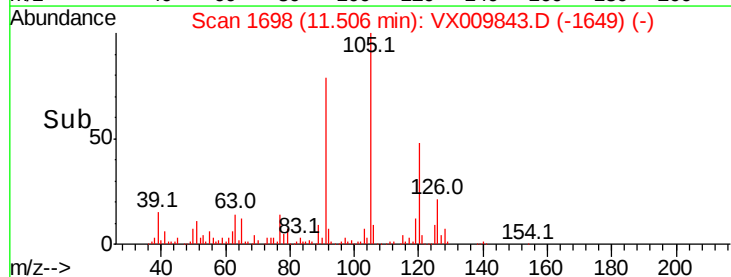
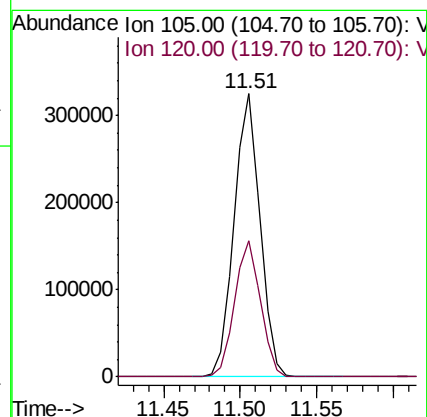
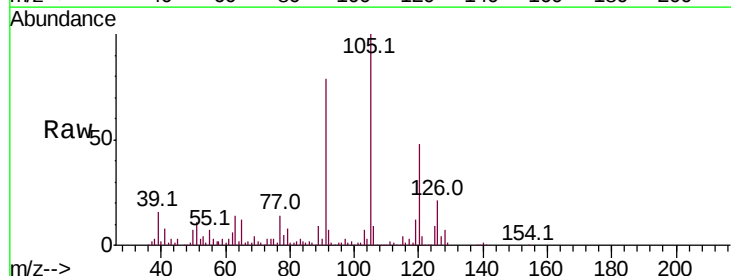
Acq: 23 May 2019 07:31

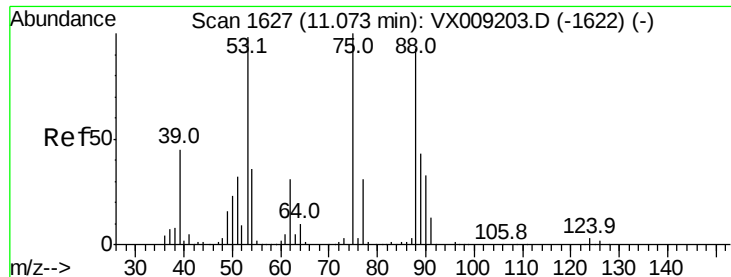
Tgt Ion: 105 Resp: 380836

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 35.573 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion: 75 Resp: 44988

Ion Ratio Lower Upper

75 100

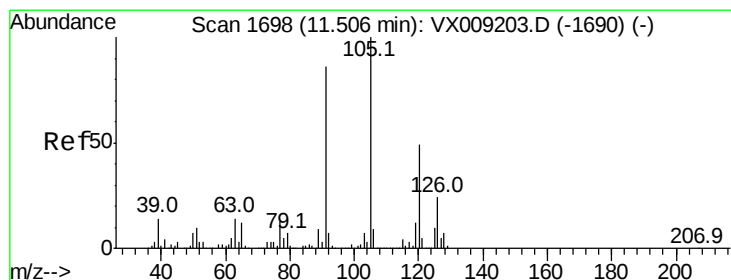
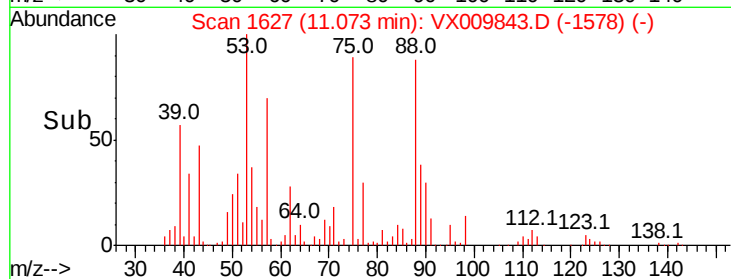
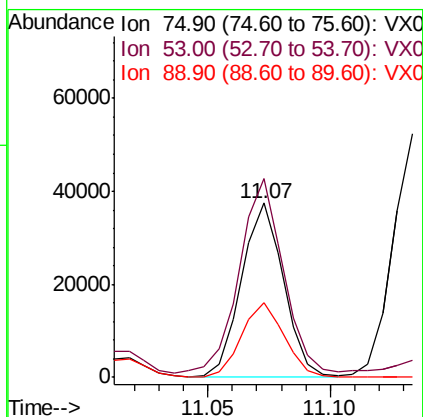
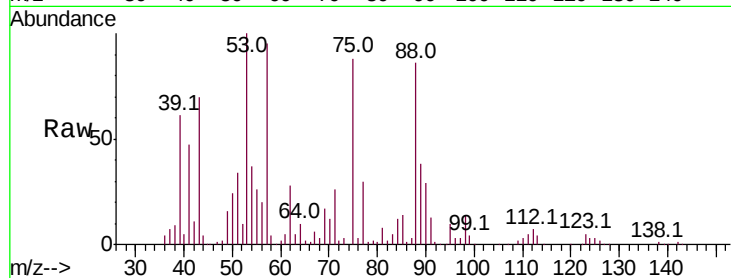
53 116.7 79.0 118.6

89 43.5 34.7 52.1

Manual Integrations
APPROVED

MMDadoda

5/23/2019 10:38:50 AM



#82

4-Chlorotoluene

Concen: 41.991 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009843.D

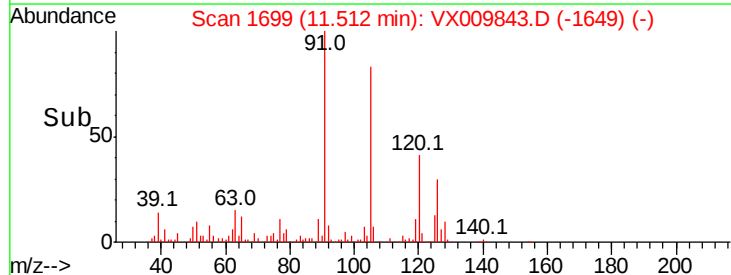
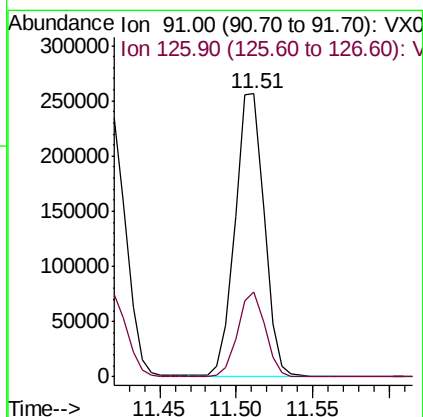
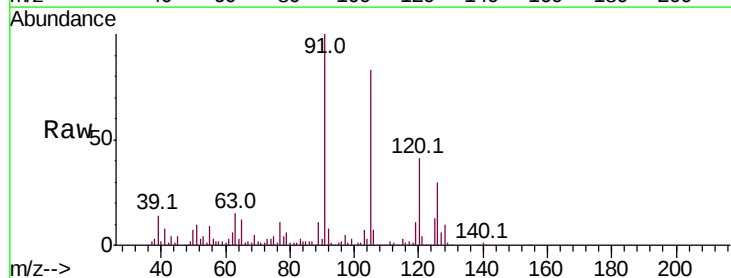
Acq: 23 May 2019 07:31

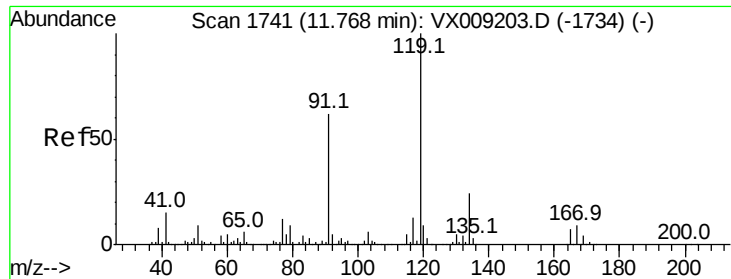
Tgt Ion: 91 Resp: 339056

Ion Ratio Lower Upper

91 100

126 28.3 14.5 43.6





#83

tert-Butylbenzene

Concen: 41.469 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Instrument :

MSVOA_X

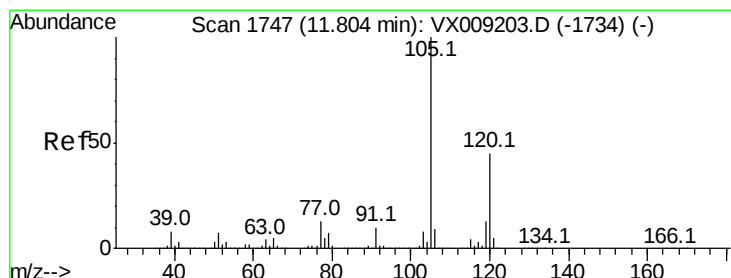
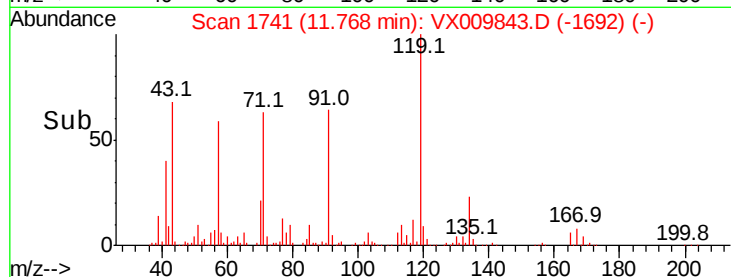
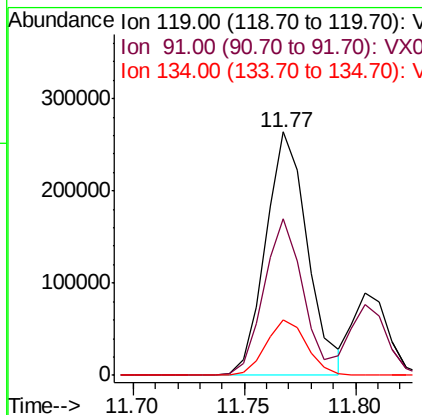
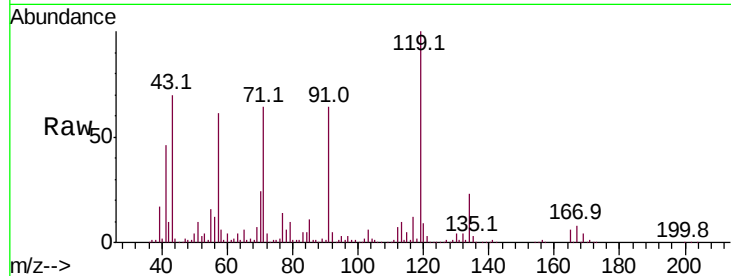
ClientSampleId :

EP1-SB-MW-ER(14-17)MS

Tot Ion:	119	Resp:	344567
Ion Ratio	Lower	Upper	
119	100		
91	59.5	29.5	88.5
134	22.2	11.4	34.1

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#84

1,2,4-Trimethylbenzene

Concen: 100.785 ug/l

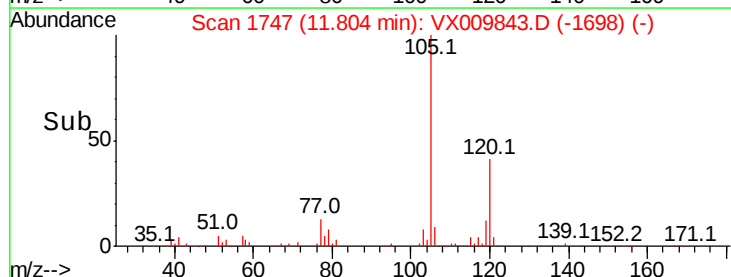
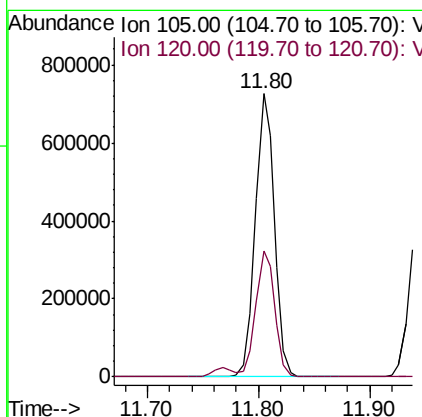
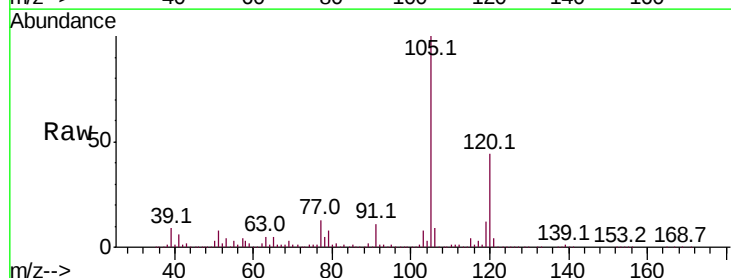
RT: 11.80 min Scan# 1747

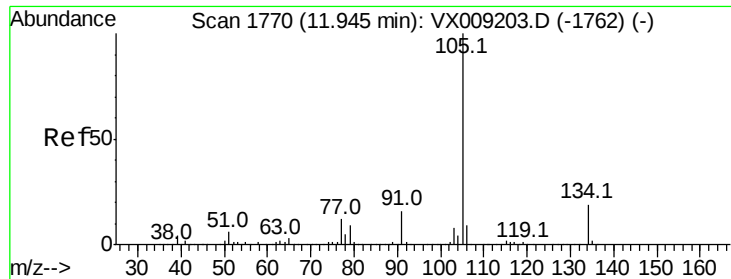
Delta R.T. -0.00 min

Lab File: VX009843.D

Acq: 23 May 2019 07:31

Tgt Ion:	105	Resp:	864063
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.0	66.0





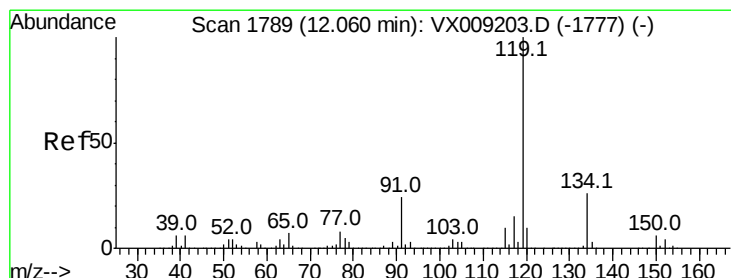
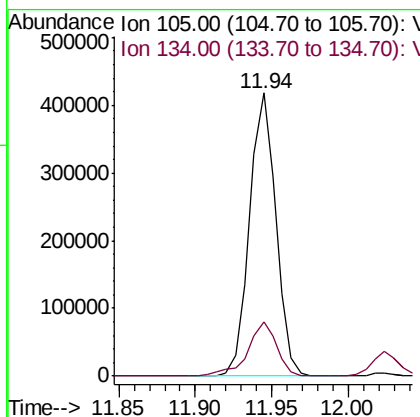
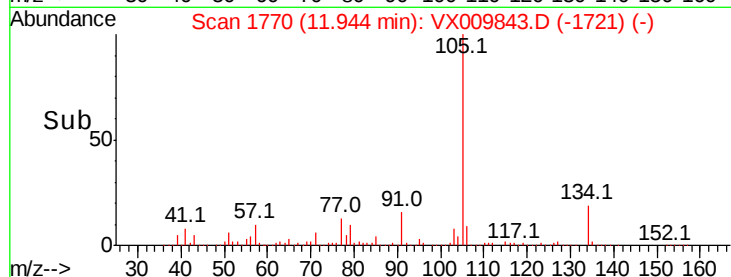
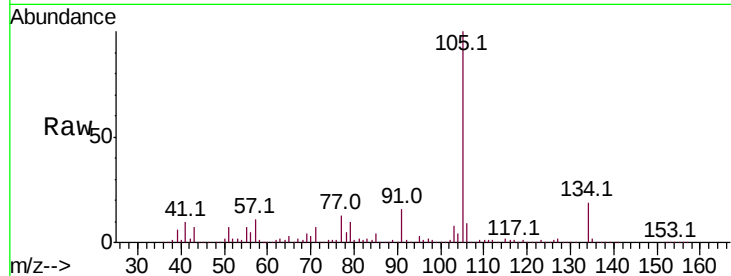
#85
 sec-Butylbenzene
 Concen: 50.751 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	9.7	28.9

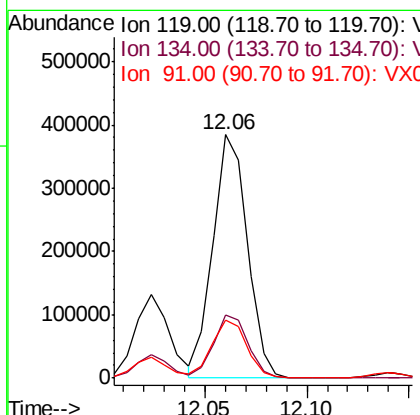
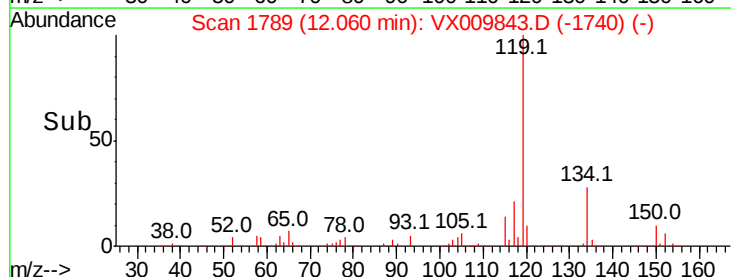
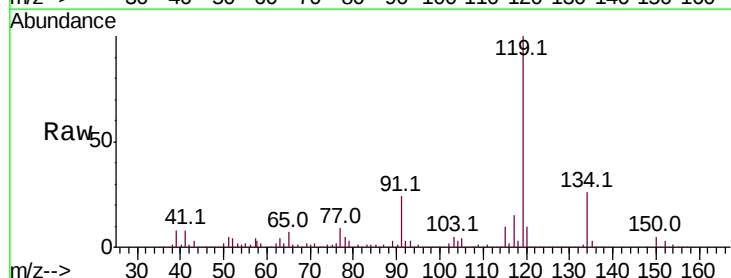
Manual Integrations
 APPROVED

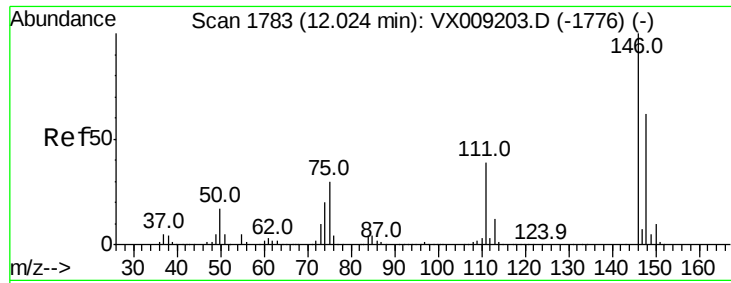
MMDadoda
 5/23/2019 10:38:50 AM



#86
 p-Isopropyltoluene
 Concen: 50.996 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	23.8	11.8	35.4





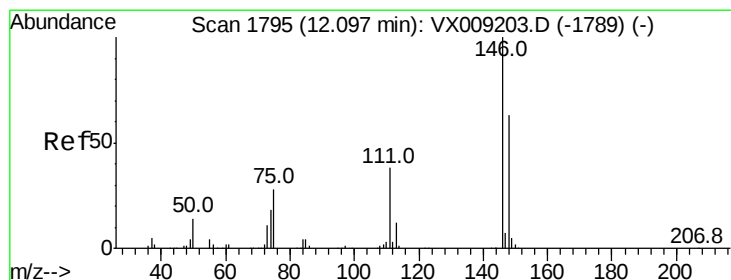
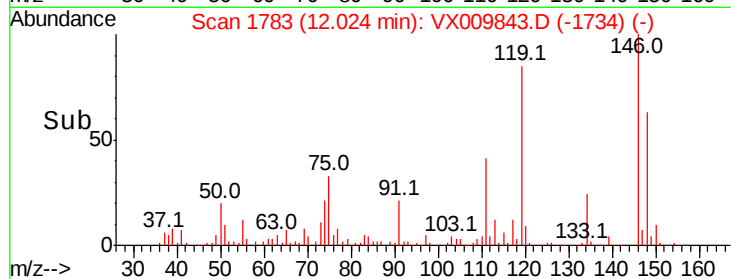
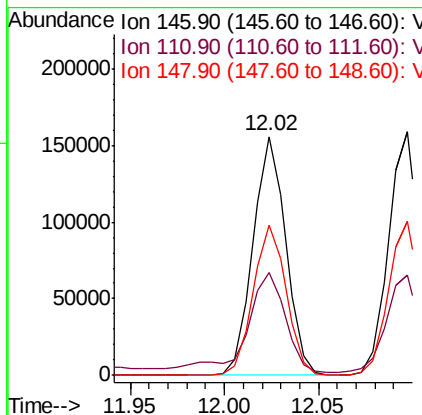
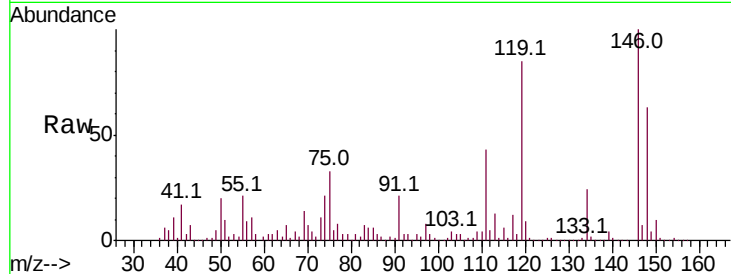
#87
 1,3-Dichlorobenzene
 Concen: 41.871 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.3	20.0	59.9
148	63.4	31.8	95.3

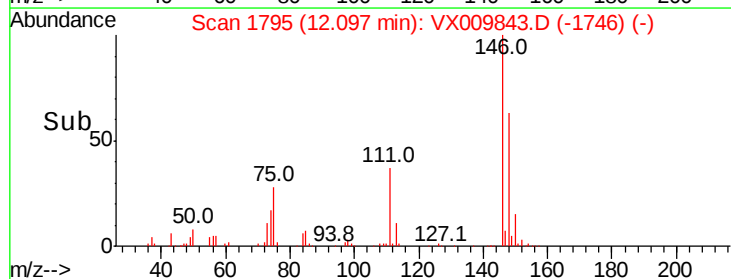
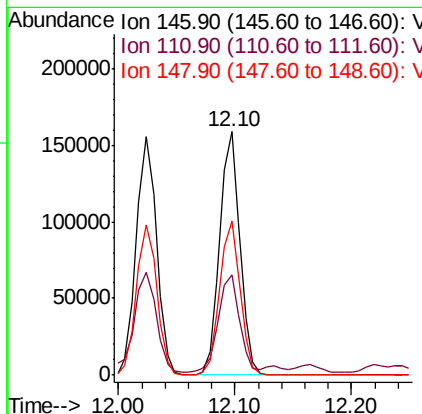
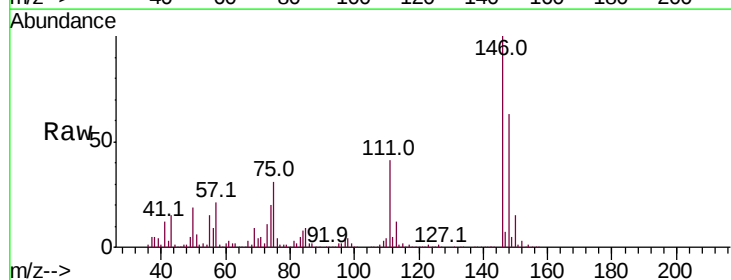
Manual Integrations
 APPROVED

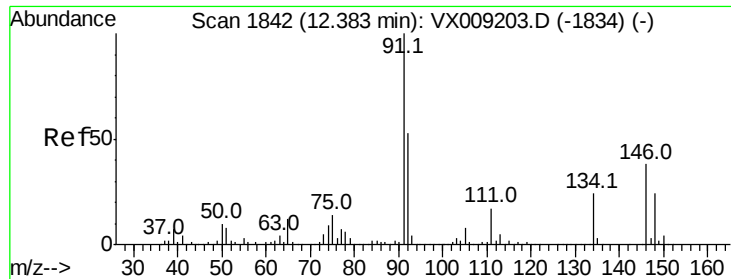
MMDadoda
 5/23/2019 10:38:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 41.933 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	19.6	58.8
148	63.9	31.8	95.3





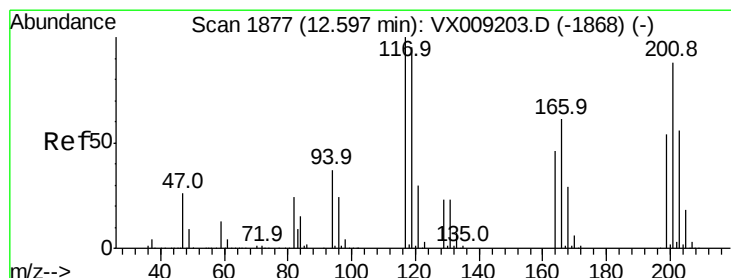
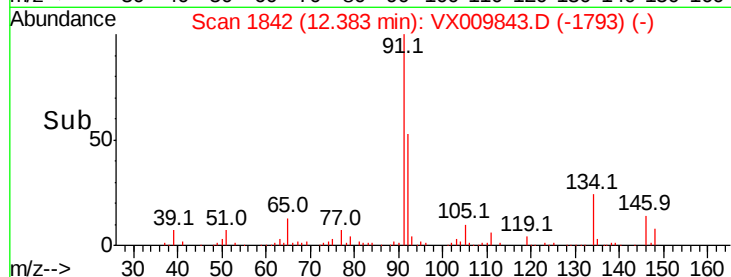
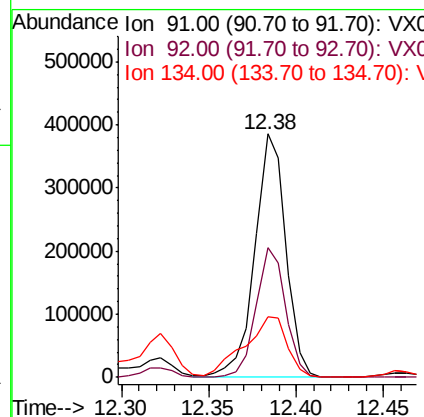
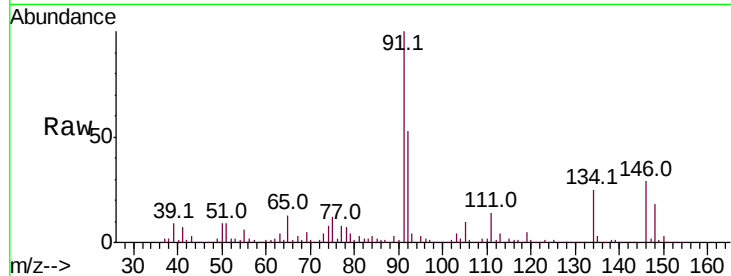
#89
n-Butylbenzene
Concen: 59.260 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.5	79.5
134	34.6	12.4	37.2

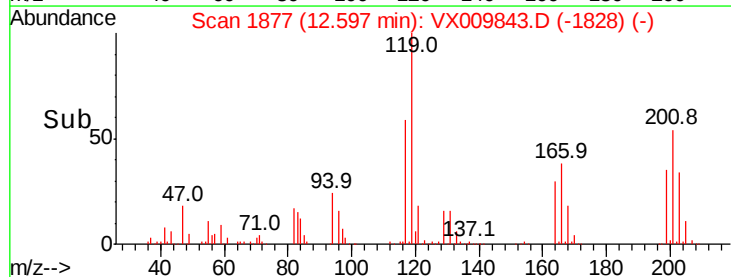
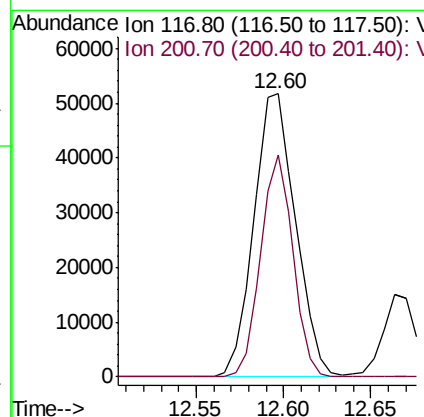
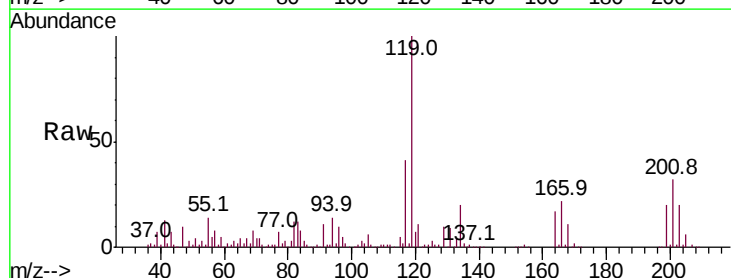
Manual Integrations
APPROVED

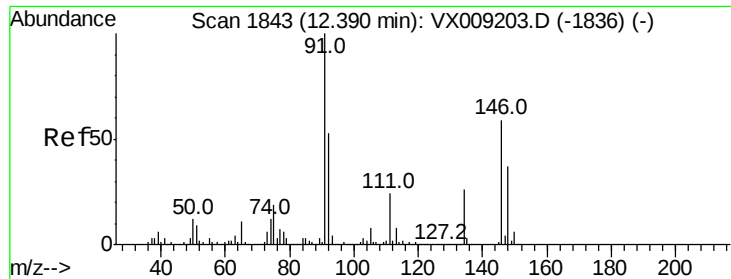
MMDadoda
5/23/2019 10:38:50 AM



#90
Hexachloroethane
Concen: 56.942 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.6	42.3	126.9





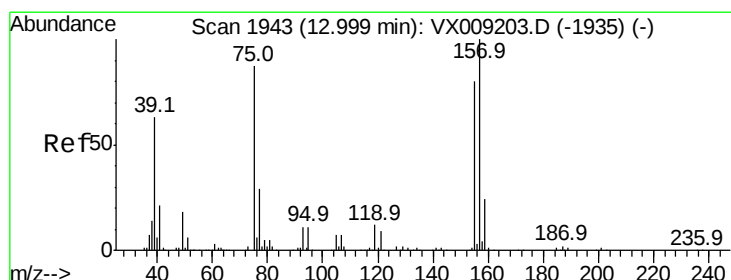
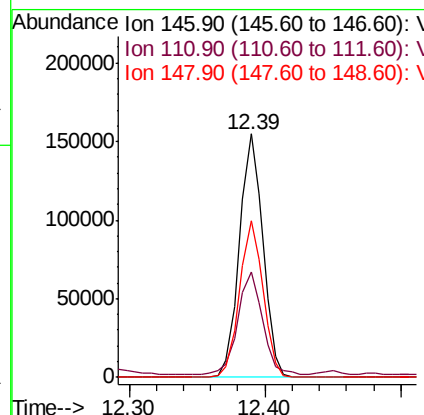
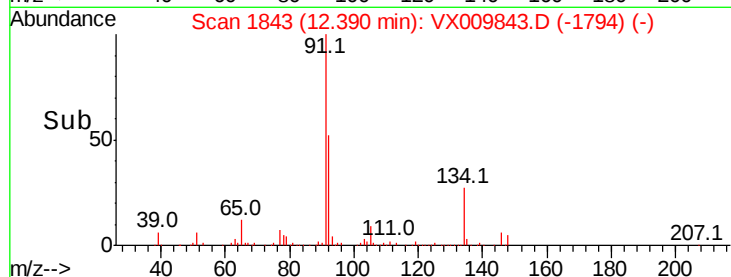
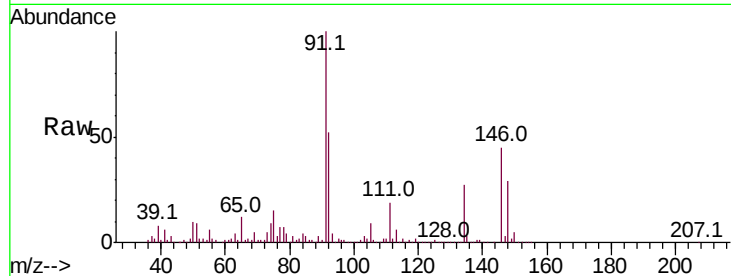
#91
 1,2-Dichlorobenzene
 Concen: 40.677 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	185963		
111	44.5	20.8	62.4	
148	64.2	31.9	95.9	

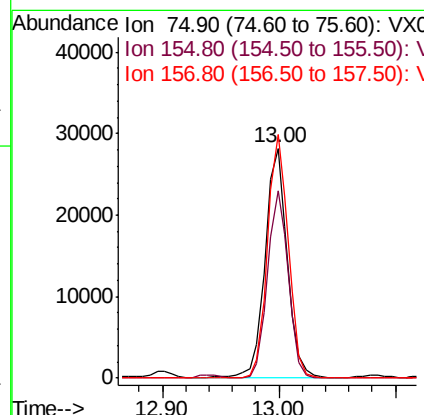
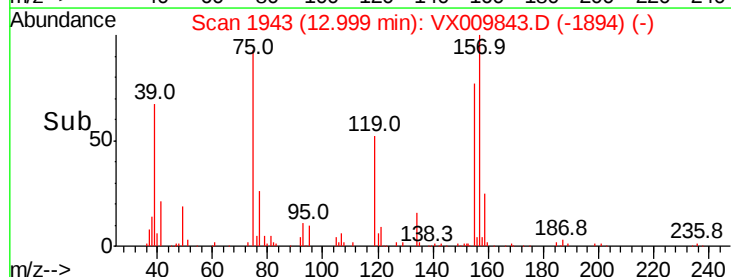
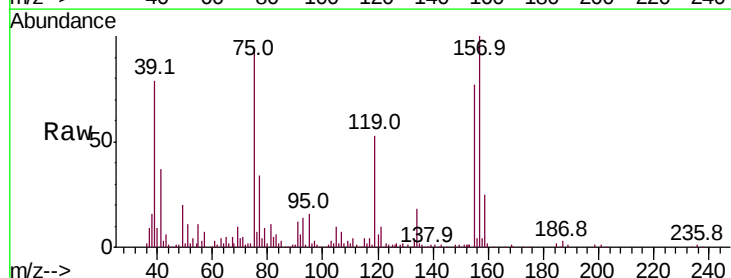
Manual Integrations
 APPROVED

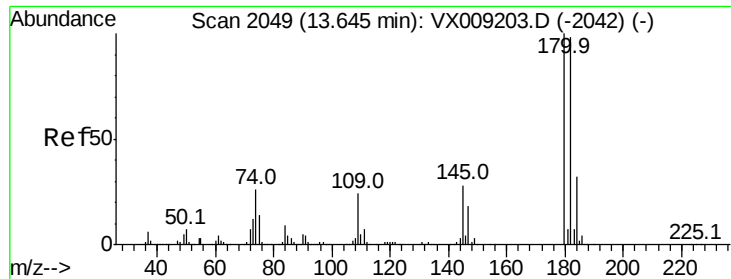
MMDadoda
 5/23/2019 10:38:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.888 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37231		
155	76.7	42.0	126.0	
157	99.7	53.2	159.6	





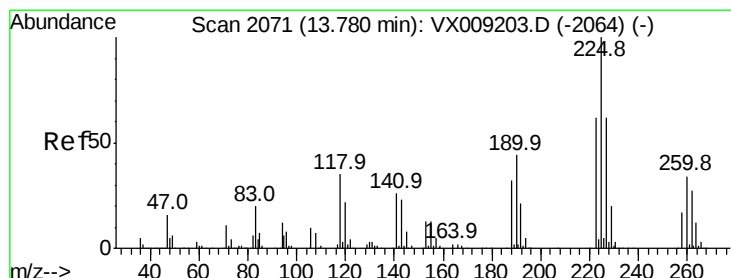
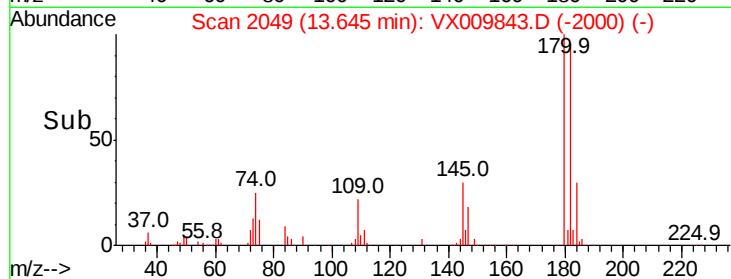
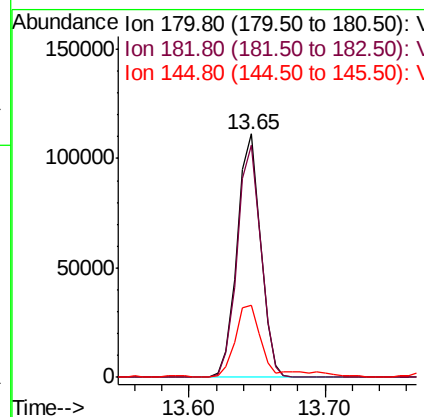
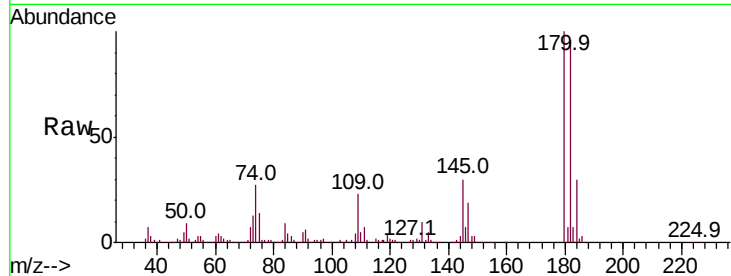
#93
 1,2,4-Trichlorobenzene
 Concen: 42.862 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	48.4	145.2	
145	31.5	14.6	43.8	

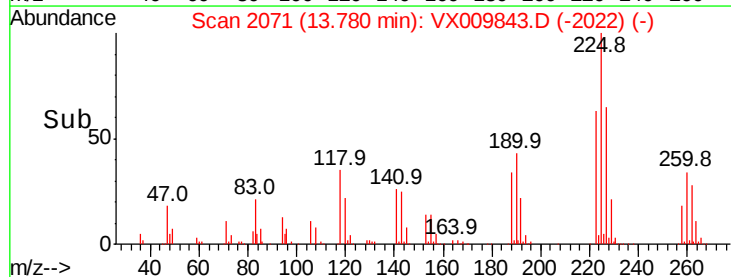
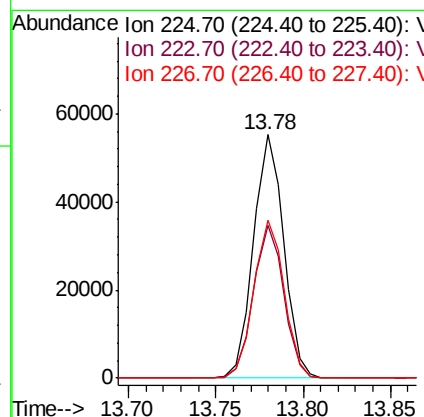
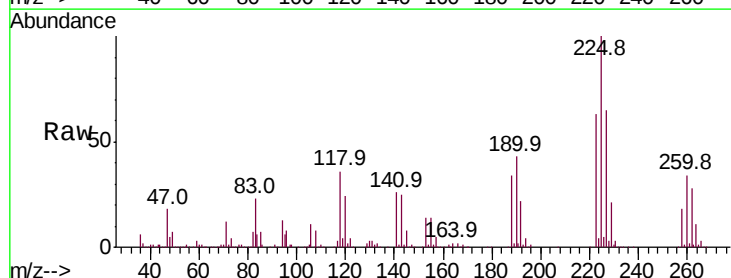
Manual Integrations
 APPROVED

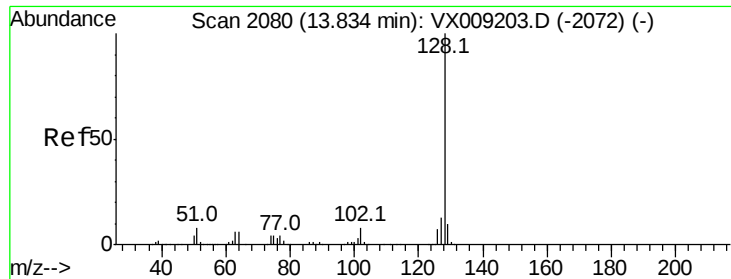
MMDadoda
 5/23/2019 10:38:50 AM



#94
 Hexachlorobutadiene
 Concen: 41.670 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009843.D
 Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.3	93.8	
227	65.1	31.8	95.3	





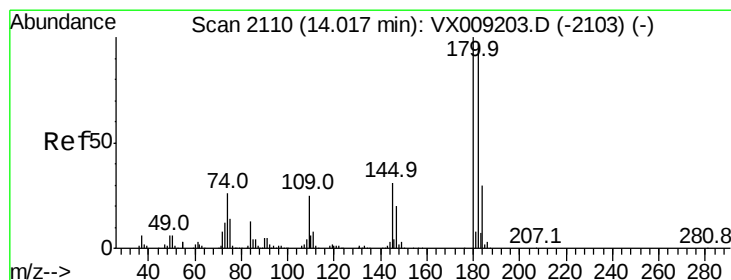
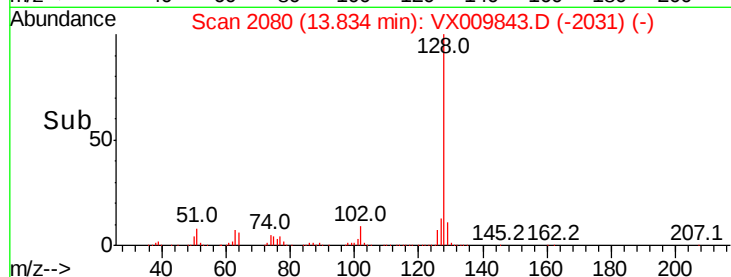
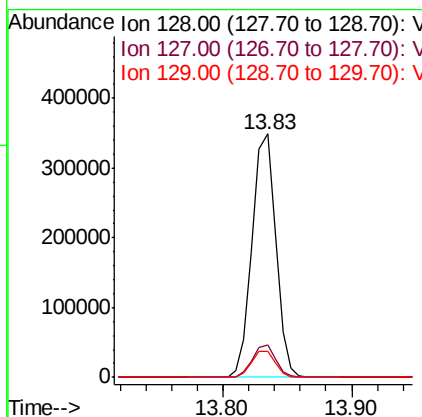
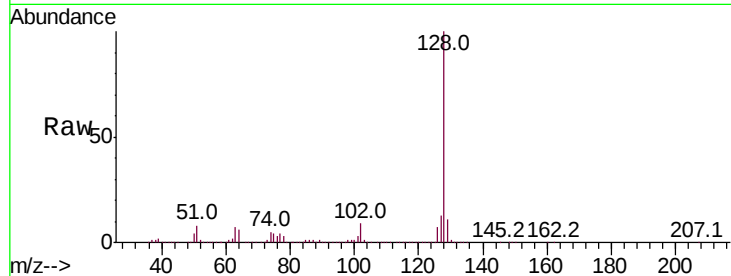
#95
Naphthalene
Concen: 43.306 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:38:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 41.905 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009843.D
Acq: 23 May 2019 07:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.8	143.4
145	32.4	15.4	46.4

