

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007958.D
 Acq On : 09 Mar 2019 03:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:02:39 PM

Quant Time: Mar 09 06:45:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132948	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.50	113	117953	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	439115	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	154700	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101186	47.462	ug/l	98
3) Chloromethane	1.33	50	130498	47.498	ug/l	100
4) Vinyl Chloride	1.41	62	135586	49.667	ug/l	99
5) Bromomethane	1.64	94	64745	50.552	ug/l	98
6) Chloroethane	1.72	64	84213	46.436	ug/l	100
7) Trichlorofluoromethane	1.93	101	176446	49.644	ug/l	97
8) Diethyl Ether	2.19	74	77620	50.432	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107215	48.678	ug/l	99
10) Methyl Iodide	2.51	142	168055	53.783	ug/l	100
11) Tert butyl alcohol	3.08	59	150655	255.915	ug/l	99
12) 1,1-Dichloroethene	2.37	96	105343	49.618	ug/l	99
13) Acrolein	2.30	56	87381	262.216	ug/l	99
14) Allyl chloride	2.73	41	213084	47.763	ug/l	99
15) Acrylonitrile	3.15	53	365170	245.755	ug/l	100
16) Acetone	2.45	43	304304	199.721	ug/l	100
17) Carbon Disulfide	2.57	76	318289	49.362	ug/l	99
18) Methyl Acetate	2.78	43	185250	57.231	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	374540	51.279	ug/l	100
20) Methylene Chloride	2.86	84	120446	49.671	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	113990	48.795	ug/l	98
22) Diisopropyl ether	3.87	45	403823	49.379	ug/l	99
23) Vinyl Acetate	3.82	43	1745371	243.376	ug/l	100
24) 1,1-Dichloroethane	3.70	63	220059	50.002	ug/l	99
25) 2-Butanone	4.70	43	500293	231.930	ug/l	99
26) 2,2-Dichloropropane	4.59	77	114711	39.343	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	130963	48.992	ug/l	98
28) Bromochloromethane	5.02	49	106081	51.702	ug/l	100
29) Tetrahydrofuran	5.15	42	334842	248.858	ug/l	99
30) Chloroform	5.21	83	208500	50.083	ug/l	100
31) Cyclohexane	5.57	56	198623	49.106	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	174818	50.612	ug/l	99
36) 1,1-Dichloropropene	5.80	75	159600	47.547	ug/l	100
37) Ethyl Acetate	4.85	43	189569	47.590	ug/l	99
38) Carbon Tetrachloride	5.78	117	153744	48.245	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192909	47.428	ug/l	99
40) Benzene	6.14	78	491411	49.175	ug/l	100
41) Methacrylonitrile	5.06	41	106389	48.988	ug/l	99
42) 1,2-Dichloroethane	6.20	62	158659	48.548	ug/l	100
43) Isopropyl Acetate	6.46	43	289652	49.133	ug/l	99
44) Trichloroethene	7.21	130	133377	48.432	ug/l	97
45) 1,2-Dichloropropane	7.52	63	130072	49.282	ug/l	100
46) Dibromomethane	7.66	93	82109	49.158	ug/l	100
47) Bromodichloromethane	7.90	83	155755	49.183	ug/l	99
48) Methyl methacrylate	7.77	41	153501	49.525	ug/l	99
49) 1,4-Dioxane	7.75	88	63923	1003.968	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	932723	246.019	ug/l	99
52) Toluene	8.79	92	301450	49.410	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165419	50.045	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	184731	49.491	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124542	50.427	ug/l	98
56) Ethyl methacrylate	9.18	69	190606	51.401	ug/l	98
57) 1,3-Dichloropropane	9.37	76	206525	49.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	504807	263.170	ug/l	99
59) 2-Hexanone	9.49	43	699389	237.608	ug/l	99
60) Dibromochloromethane	9.59	129	128725	49.865	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131111	50.001	ug/l	100
64) Tetrachloroethene	9.34	164	125948	46.687	ug/l	99
65) Chlorobenzene	10.14	112	328131	48.169	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121058	49.585	ug/l	99
67) Ethyl Benzene	10.25	91	557435	49.712	ug/l	100
68) m/p-Xylenes	10.36	106	425990	98.558	ug/l	99
69) o-Xylene	10.70	106	207835	49.807	ug/l	100
70) Styrene	10.71	104	343943	50.370	ug/l	100
71) Bromoform	10.86	173	100810	48.082	ug/l	99
73) Isopropylbenzene	11.02	105	553905	50.170	ug/l	100
74) N-amyl acetate	10.90	43	248040	49.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182101	47.817	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	172693m	50.413	ug/l	
77) Bromobenzene	11.26	156	146418	48.372	ug/l	100
78) n-propylbenzene	11.36	91	613595	50.097	ug/l	100
79) 2-Chlorotoluene	11.42	91	366786	48.978	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	458270	50.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50248	46.888	ug/l	99
82) 4-Chlorotoluene	11.51	91	420235	48.966	ug/l	100
83) tert-Butylbenzene	11.77	119	453147	49.507	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	471514	50.617	ug/l	100
85) sec-Butylbenzene	11.94	105	546056	50.653	ug/l	99
86) p-Isopropyltoluene	12.06	119	490609	50.817	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	257282	48.045	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	258510	47.138	ug/l	100
89) n-Butylbenzene	12.38	91	410119	50.140	ug/l	99
90) Hexachloroethane	12.60	117	79541	49.276	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	257851	48.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38190	47.983	ug/l	97

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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	184895	49.475	ug/l	99
94) Hexachlorobutadiene	13.78	225	95528	48.891	ug/l	99
95) Naphthalene	13.83	128	554513	51.496	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183923	49.404	ug/l	98

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

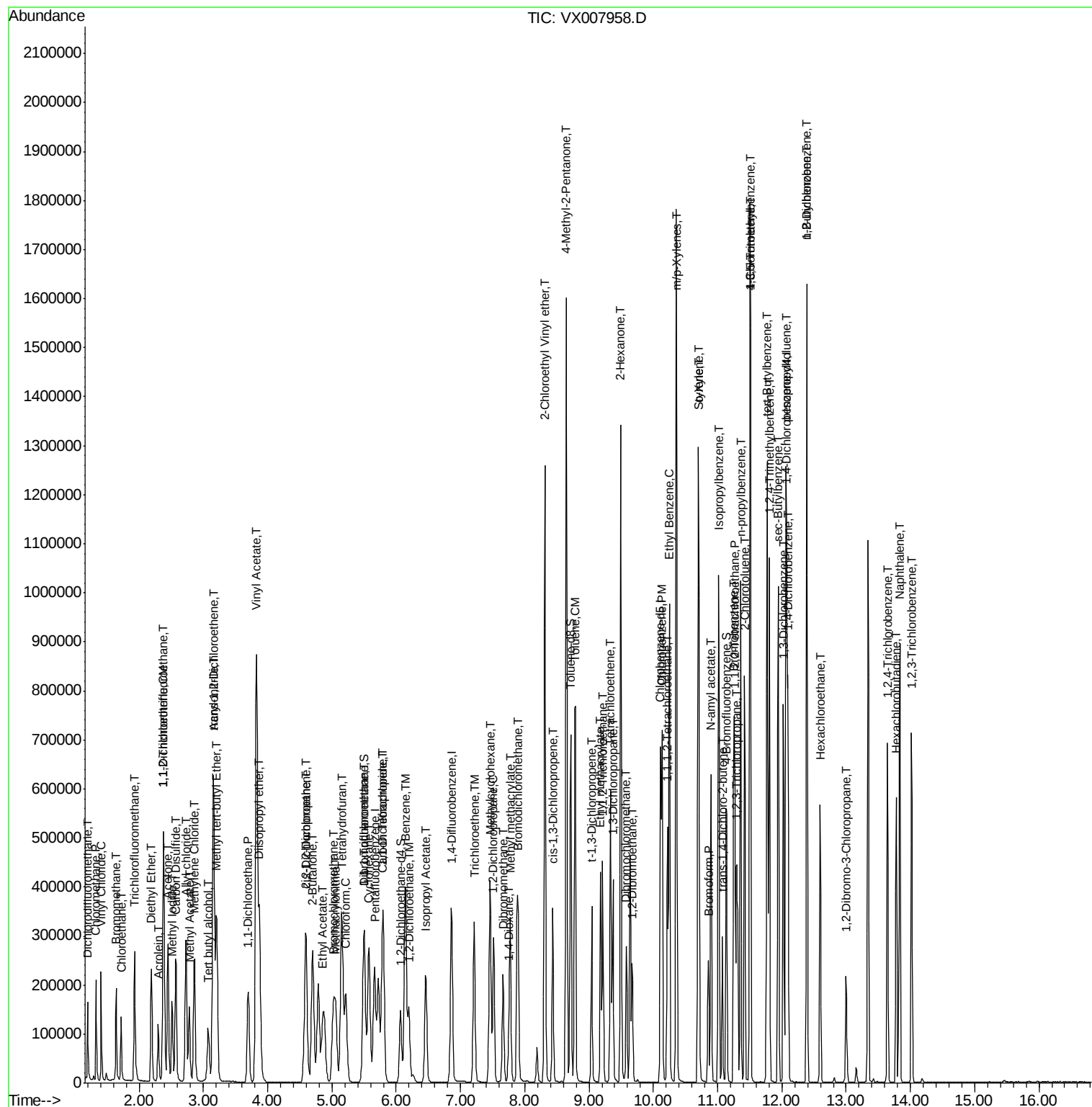
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
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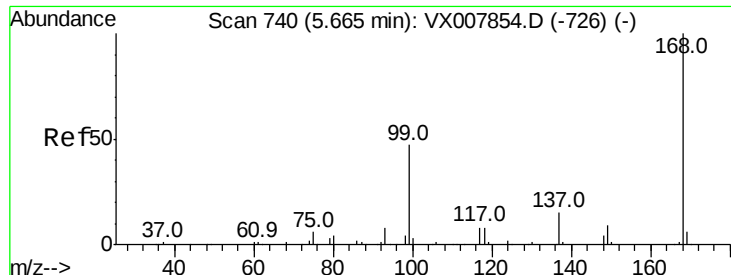
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 249538

Ion Ratio Lower Upper

168 100

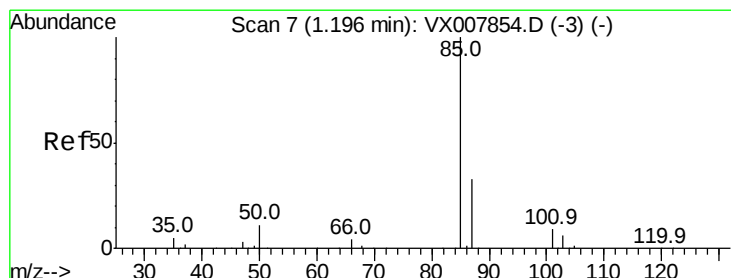
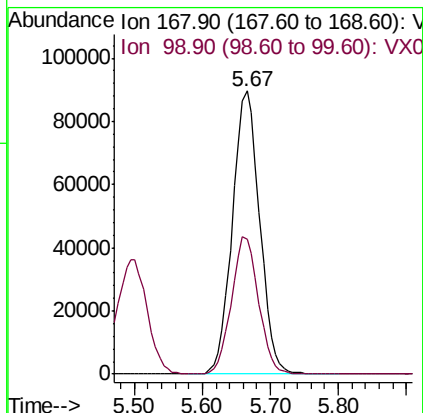
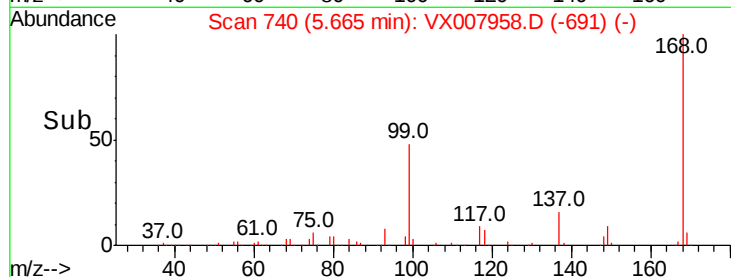
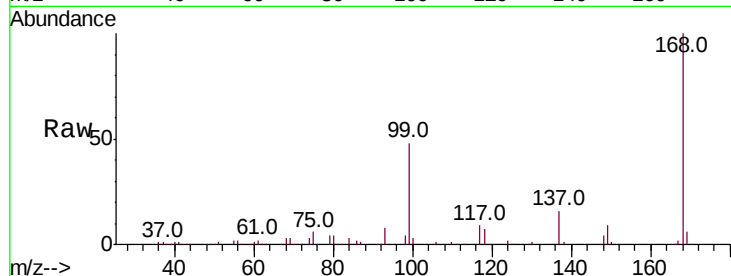
99 47.7 37.6 56.4

Manual Integrations

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3/11/2019 12:02:39 PM



#2

Dichlorodifluoromethane

Concen: 47.462 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007958.D

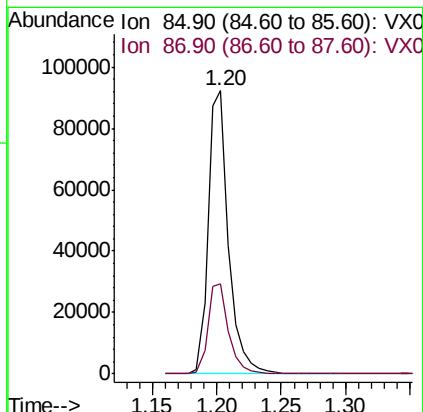
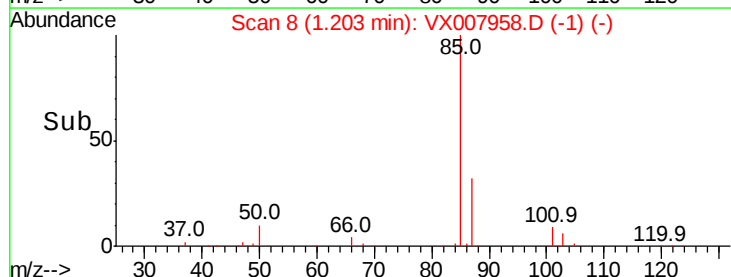
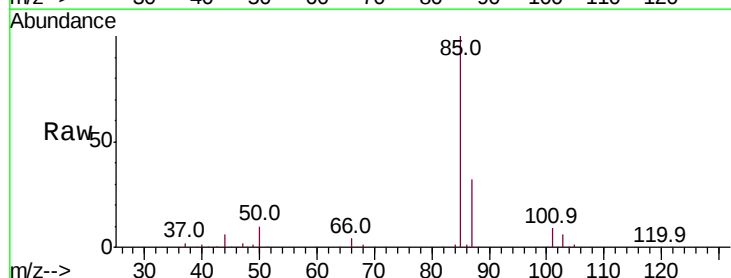
Acq: 09 Mar 2019 03:34

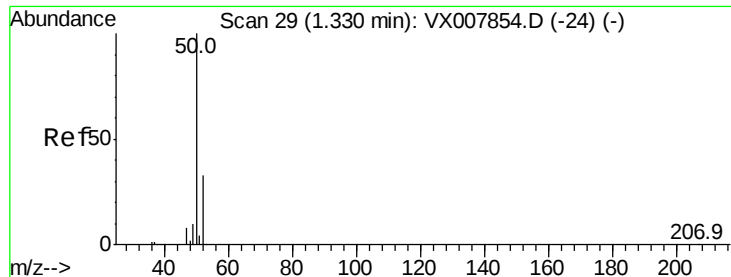
Tgt Ion: 85 Resp: 101186

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1





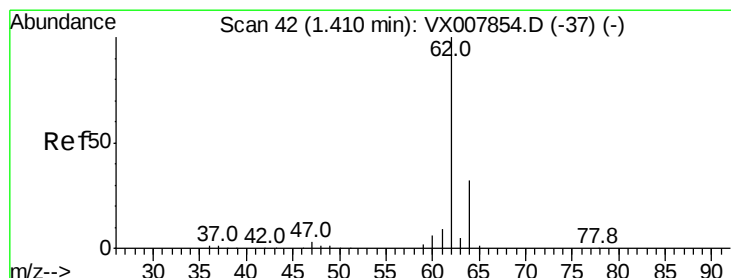
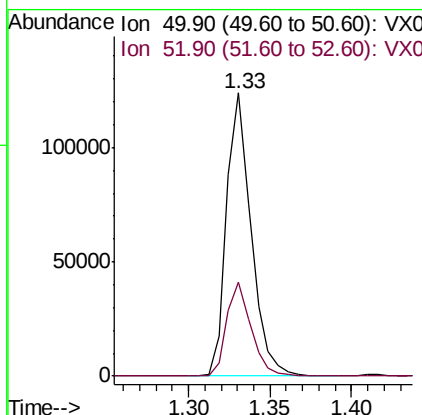
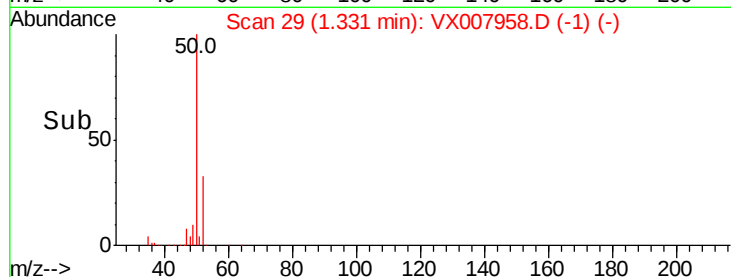
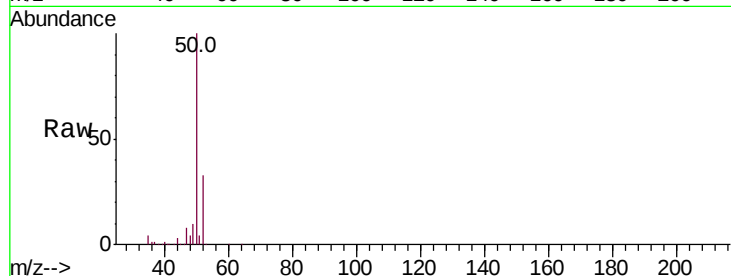
#3
Chloromethane
Concen: 47.498 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	50	52	Ratio	Lower	Upper
50	100				
52	33.2		26.5	39.7	

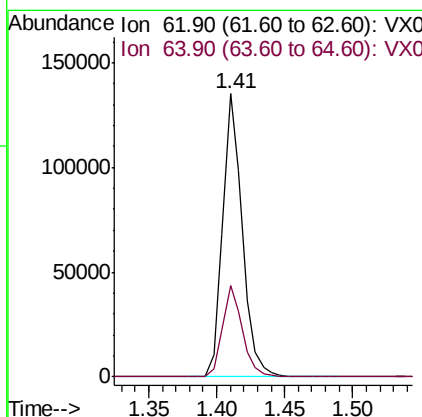
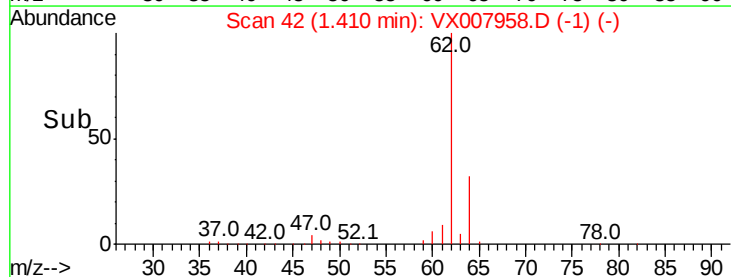
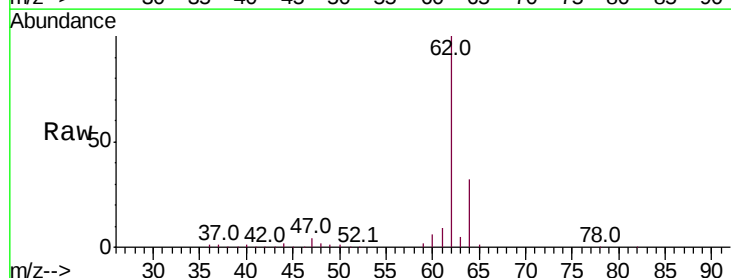
Manual Integrations
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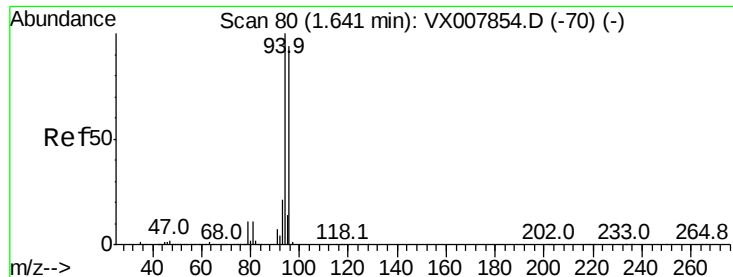
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#4
Vinyl Chloride
Concen: 49.667 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	62	64	Ratio	Lower	Upper
62	100				
64	32.2		25.3	37.9	





#5

Bromomethane

Concen: 50.552 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 64745

Ion Ratio Lower Upper

94 100

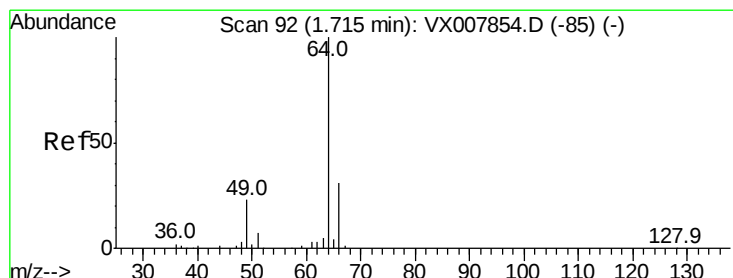
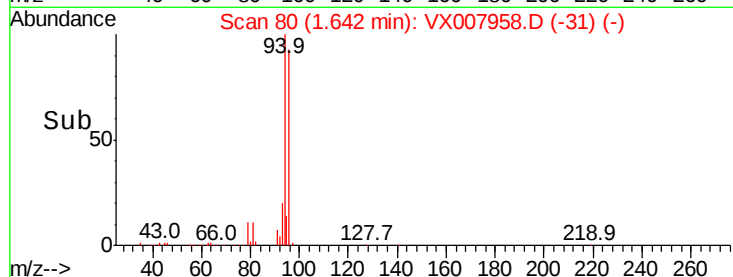
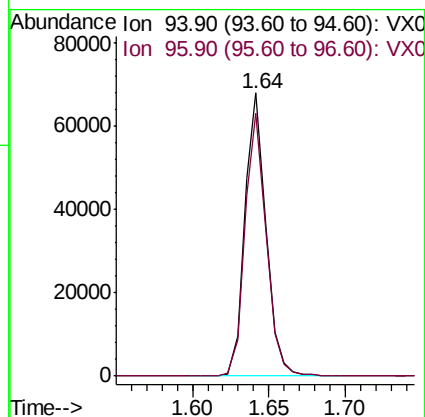
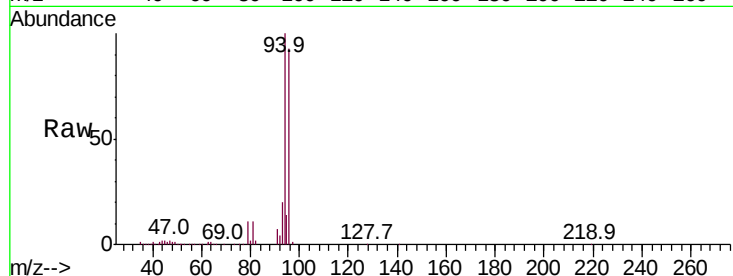
96 92.9 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 46.436 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007958.D

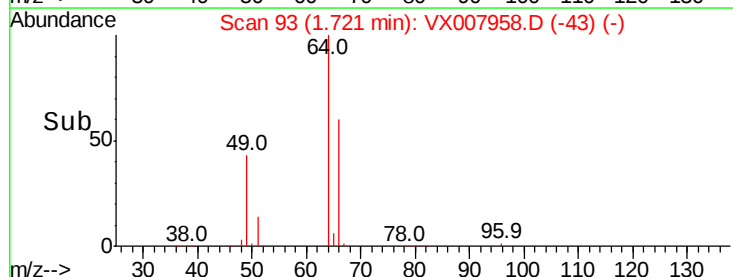
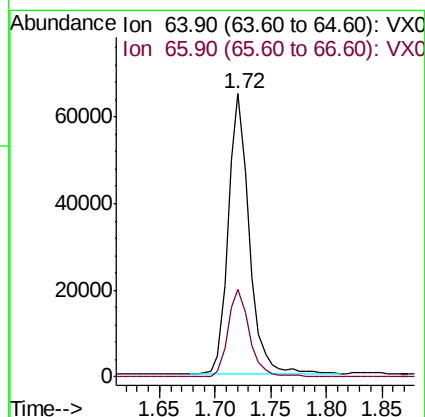
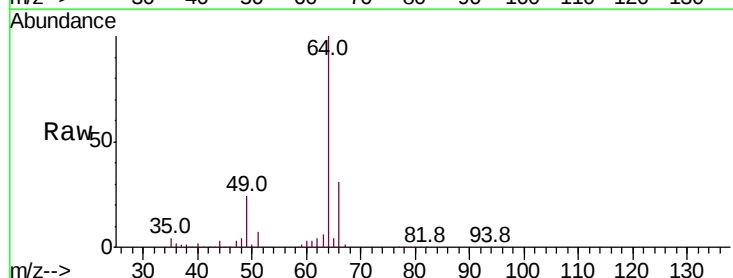
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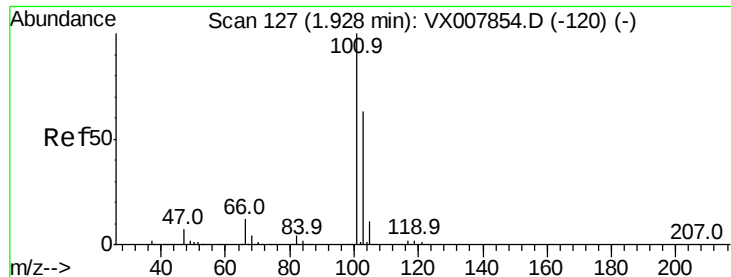
Tgt Ion: 64 Resp: 84213

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8





#7

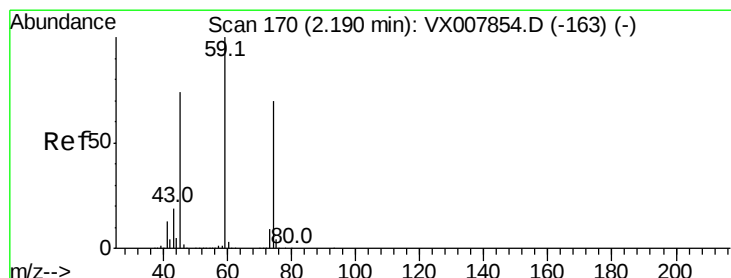
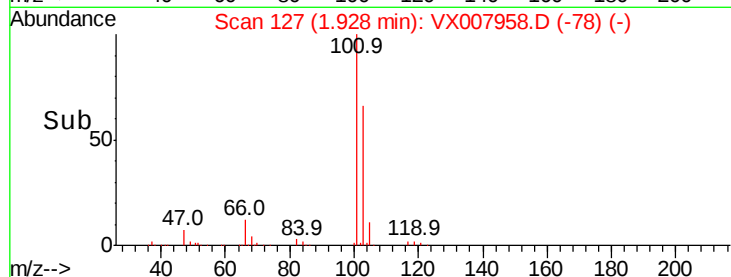
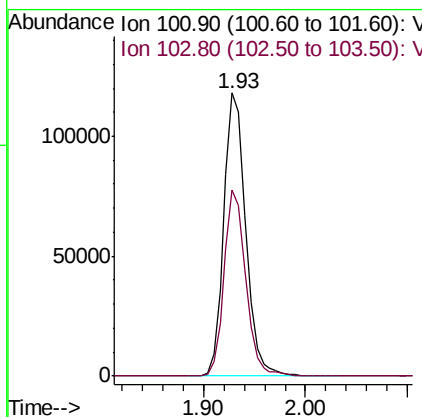
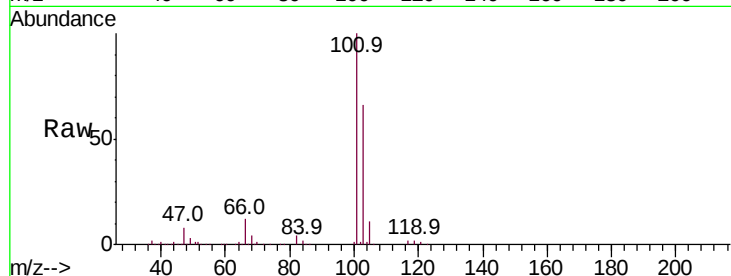
Trichlorofluoromethane
Concen: 49.644 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.4	75.6

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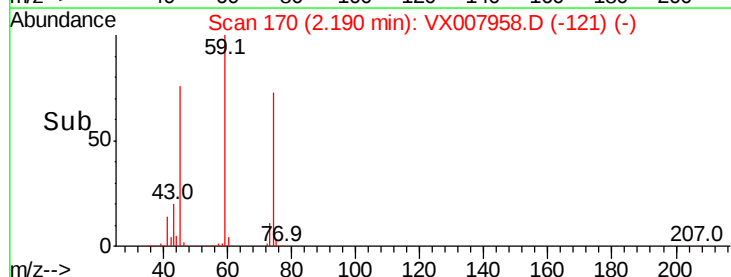
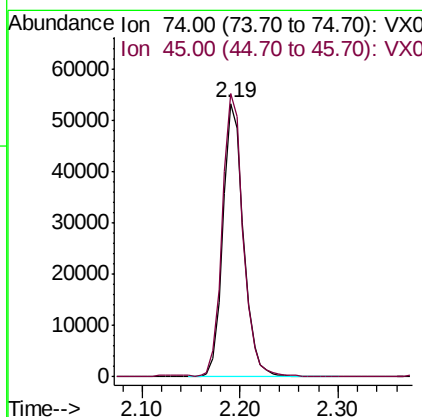
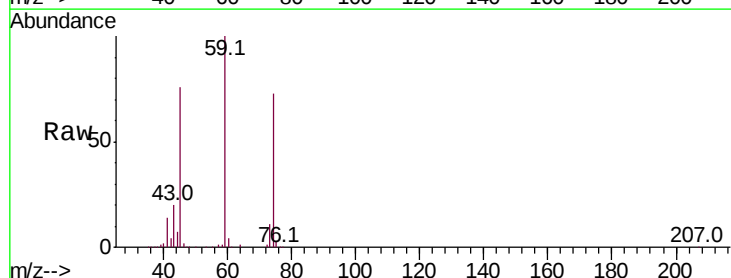
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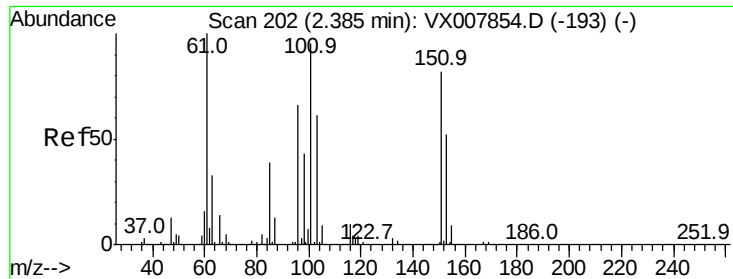


#8

Diethyl Ether
Concen: 50.432 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.3	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.678 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

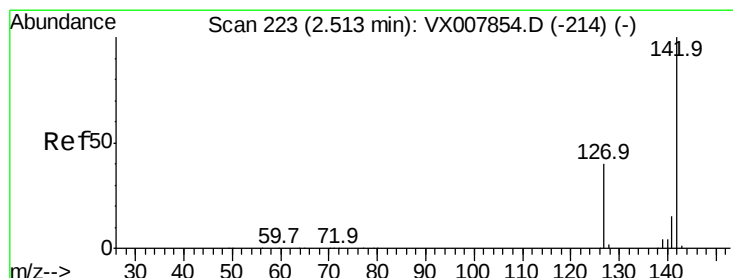
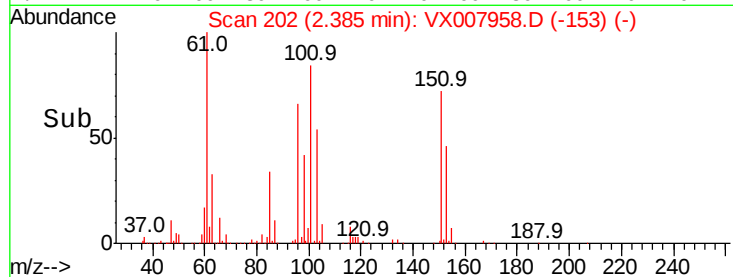
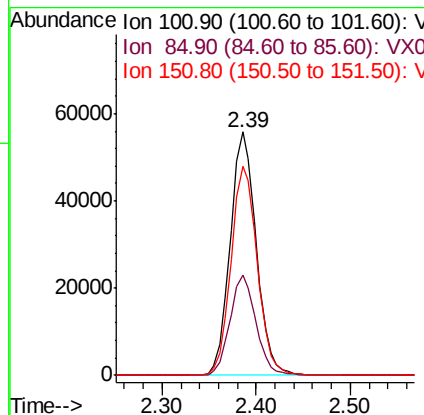
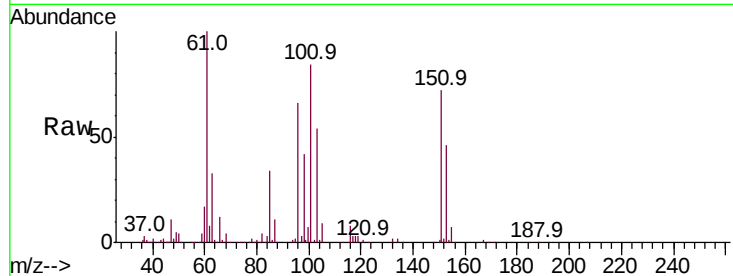
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	107215
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.8	50.6
151	86.5	69.1	103.7

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#10

Methyl Iodide

Concen: 53.783 ug/l

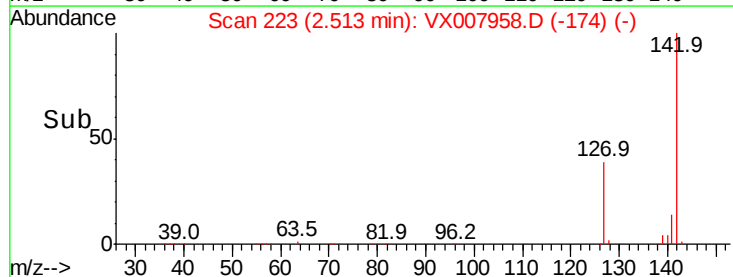
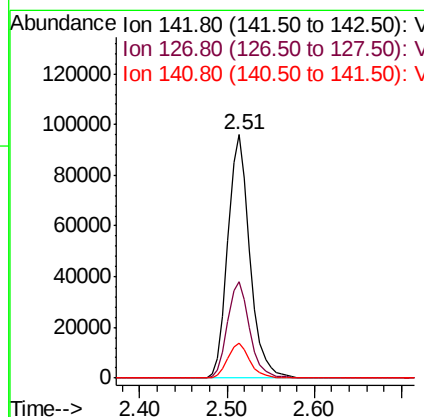
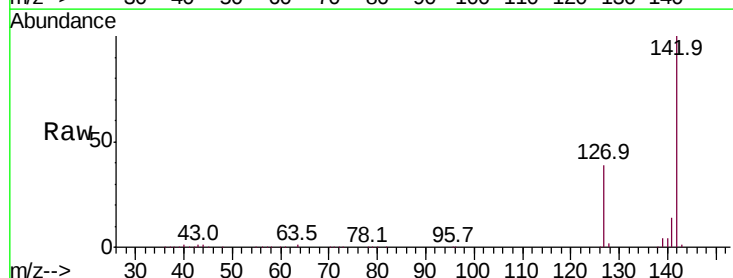
RT: 2.51 min Scan# 223

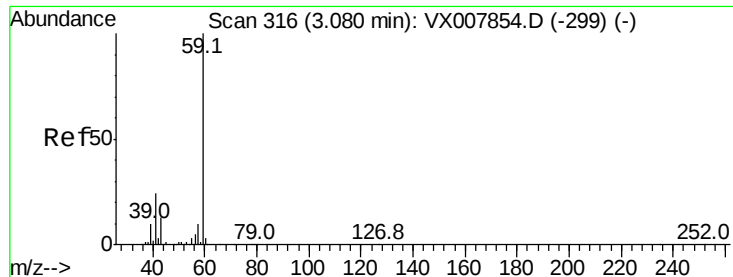
Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion:	142	Resp:	168055
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.1	48.1
141	14.4	11.4	17.2





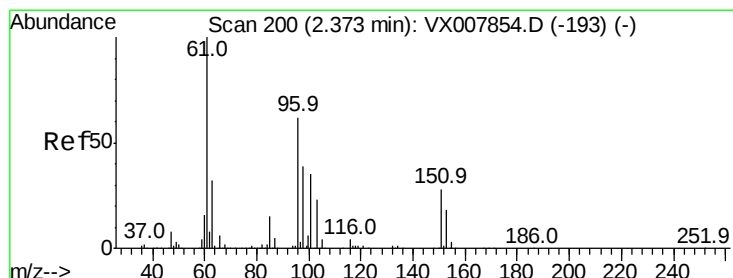
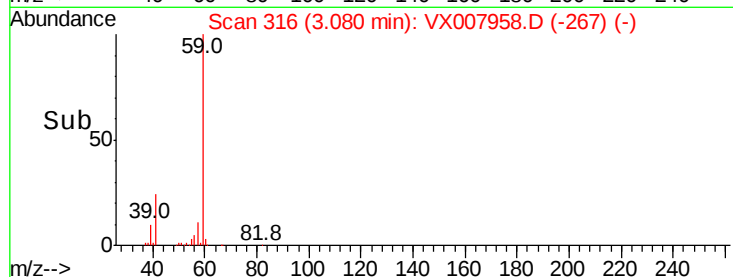
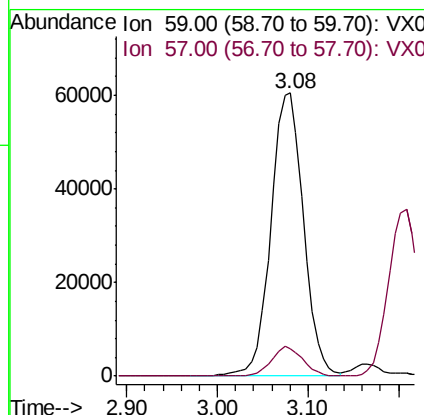
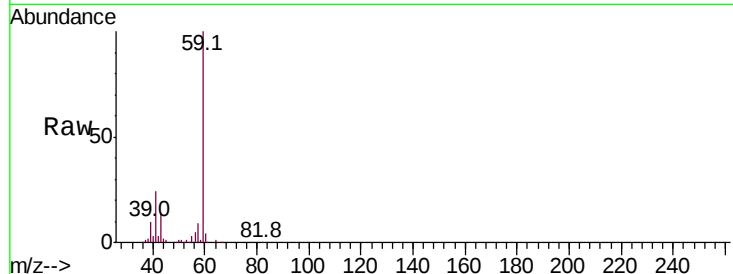
#11
Tert butyl alcohol
Concen: 255.915 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	150655
Ion Ratio	100	Lower	Upper
57	10.0	8.2	12.2

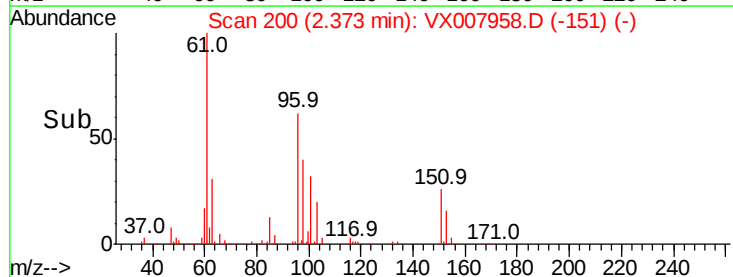
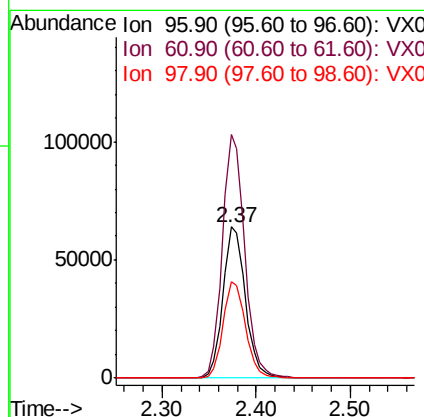
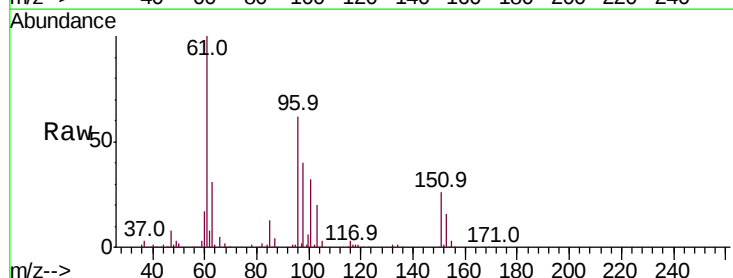
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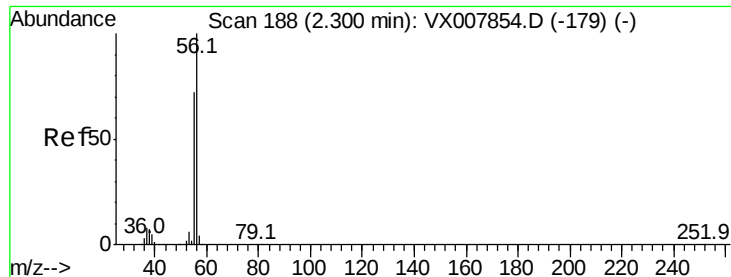
MMDadoda
3/11/2019 12:02:39 PM



#12
1,1-Dichloroethene
Concen: 49.618 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	96	Resp	105343
Ion Ratio	100	Lower	Upper
61	161.4	129.8	194.6
98	64.1	51.0	76.6





#13

Acrolein

Concen: 262.216 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 87381

Ion Ratio Lower Upper

56 100

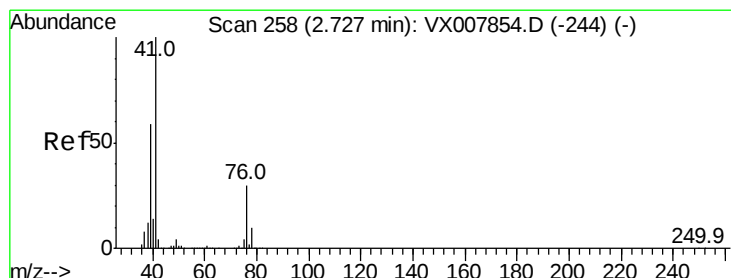
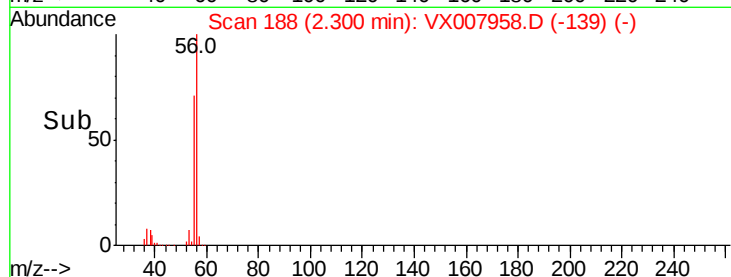
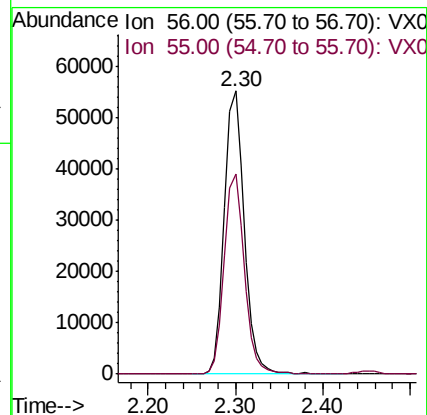
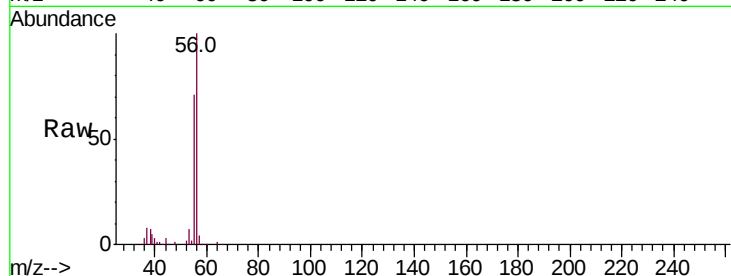
55 71.4 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 47.763 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

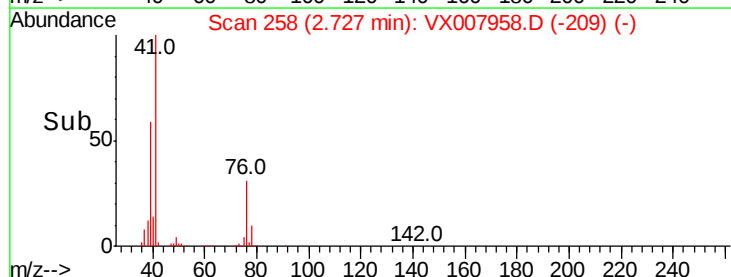
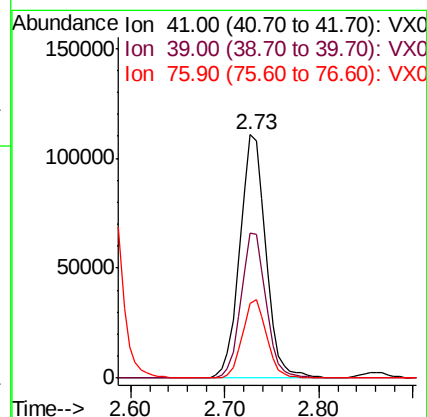
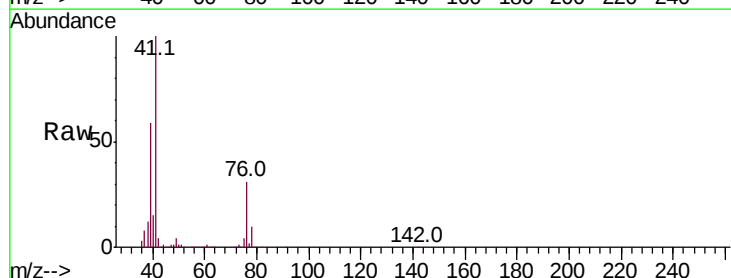
Tgt Ion: 41 Resp: 213084

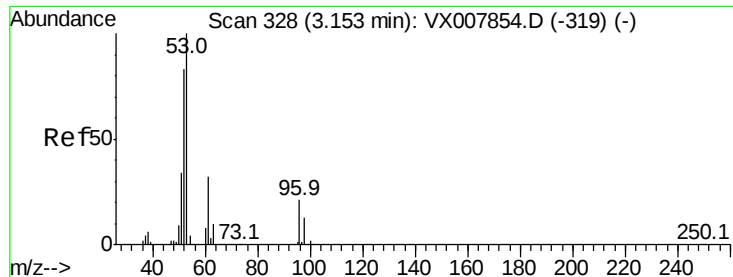
Ion Ratio Lower Upper

41 100

39 57.2 46.1 69.1

76 30.2 24.0 36.0





#15

Acrylonitrile

Concen: 245.755 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

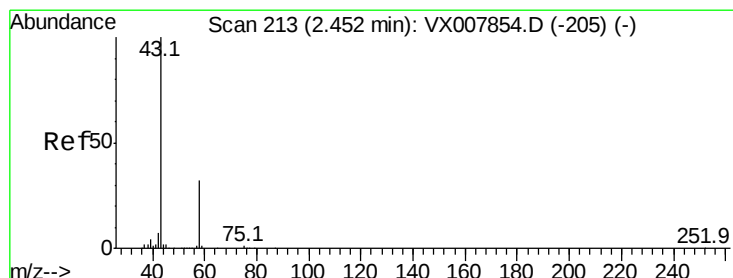
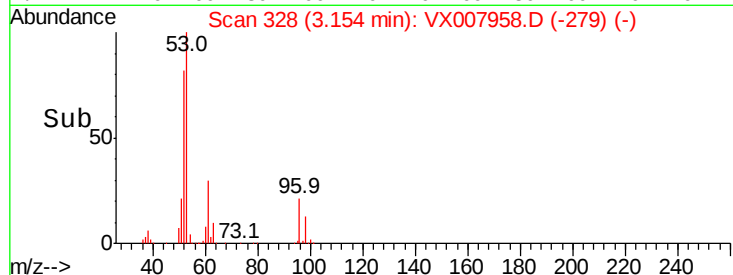
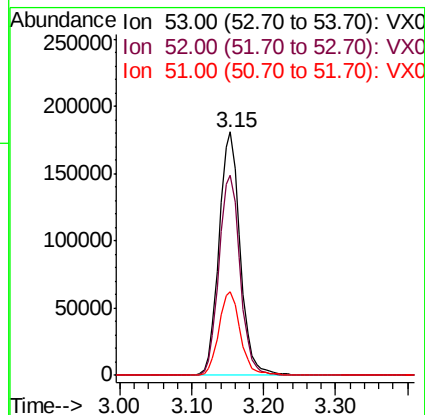
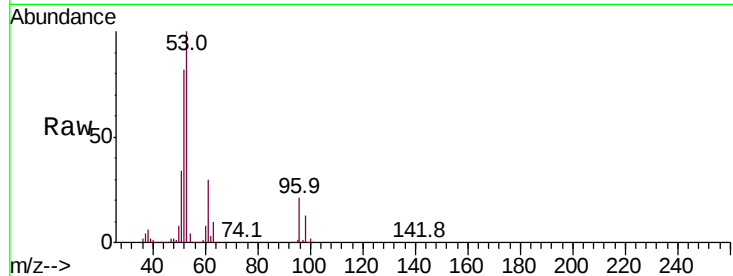
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	365170
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.0	99.0
51	35.3	28.0	42.0

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#16

Acetone

Concen: 199.721 ug/l

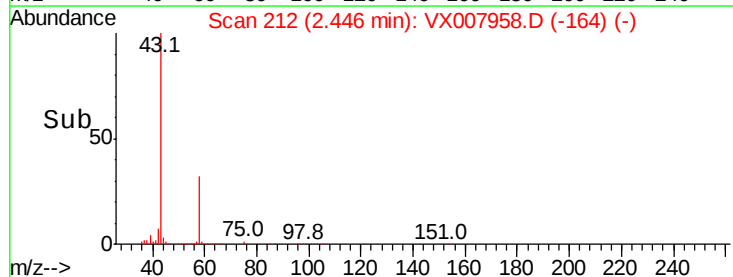
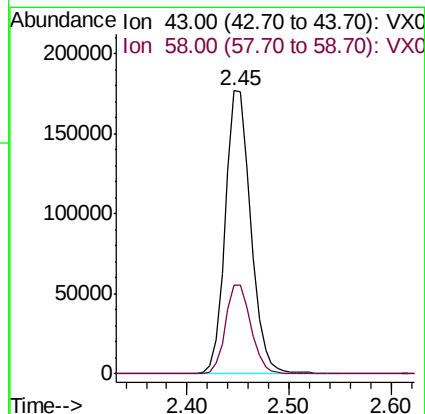
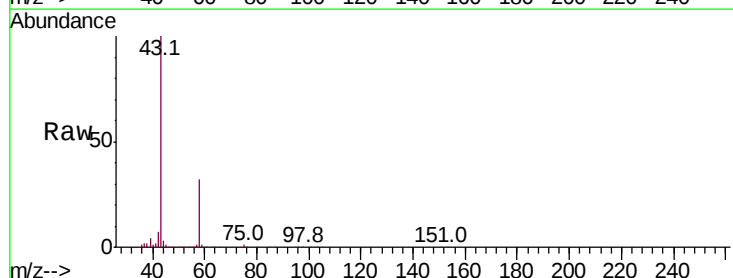
RT: 2.45 min Scan# 212

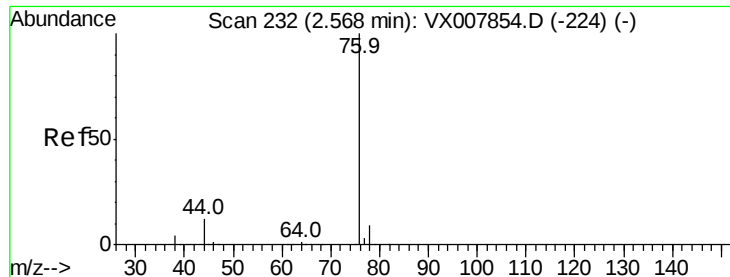
Delta R.T. -0.01 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion:	43	Resp:	304304
Ion Ratio	Lower	Upper	
43	100		
58	31.7	25.5	38.3





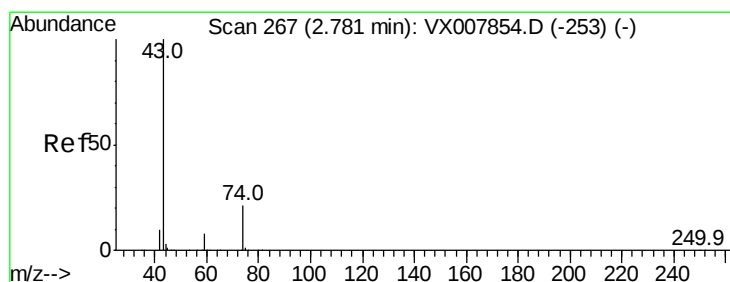
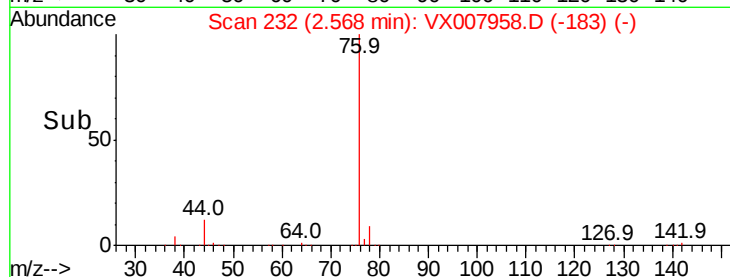
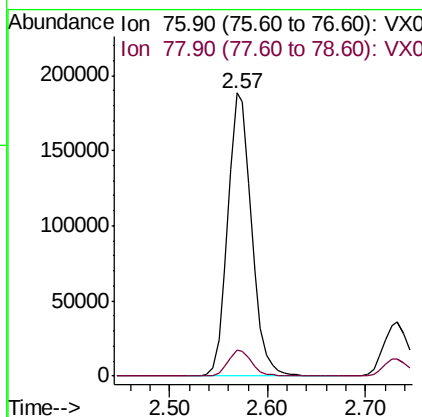
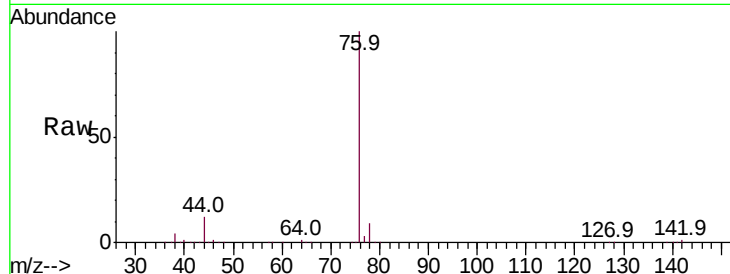
#17
Carbon Disulfide
Concen: 49.362 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

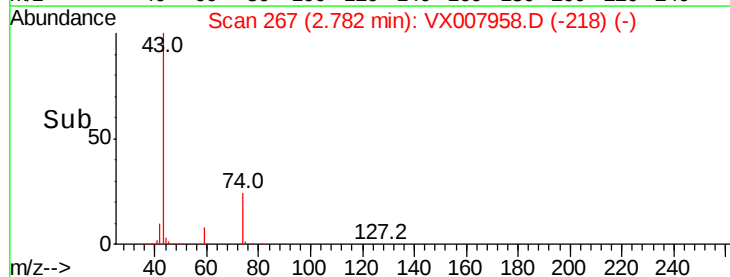
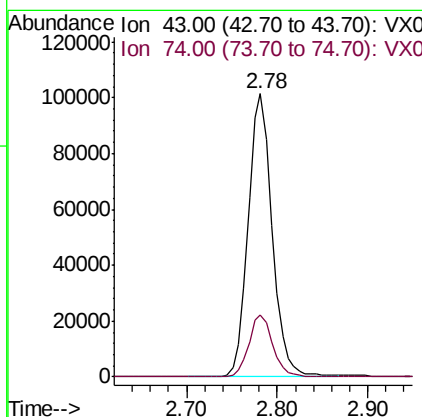
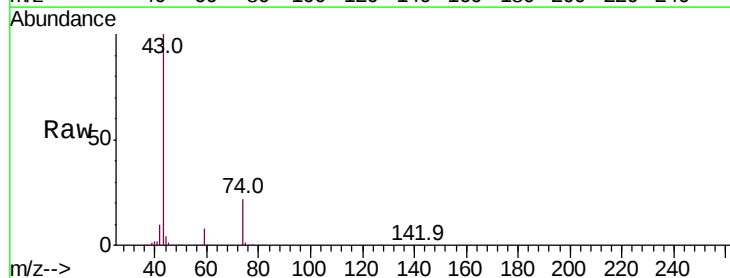
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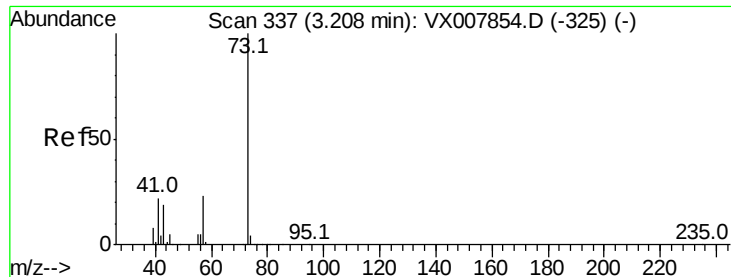
MMDadoda
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#18
Methyl Acetate
Concen: 57.231 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	17.8	26.6





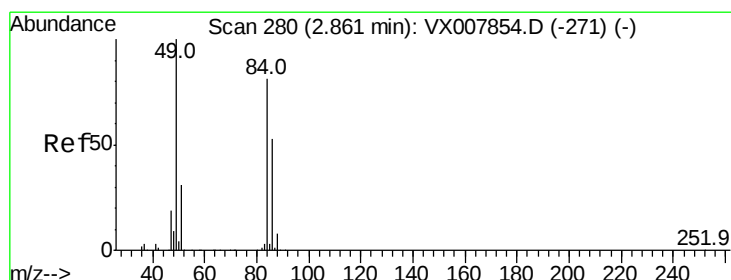
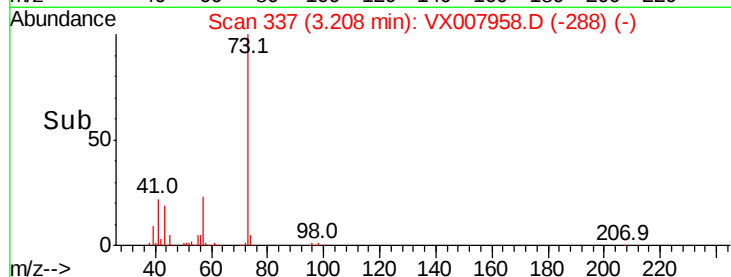
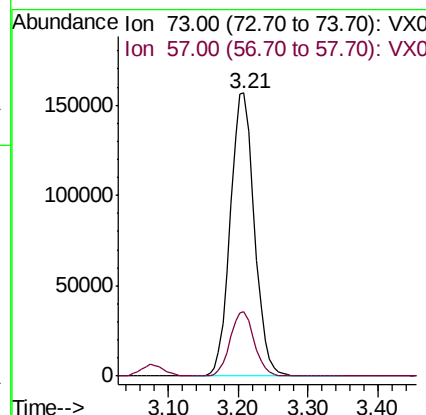
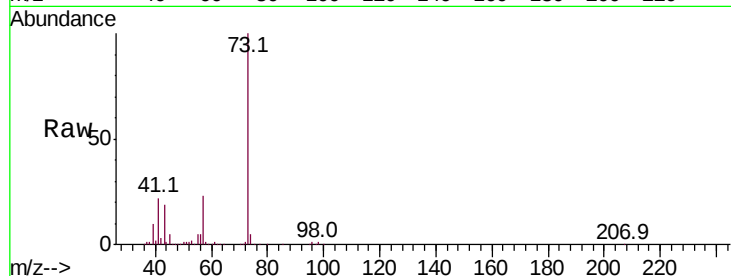
#19
Methyl tert-butyl Ether
Concen: 51.279 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 374540
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4

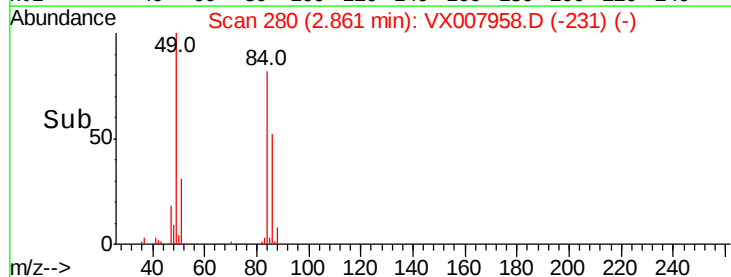
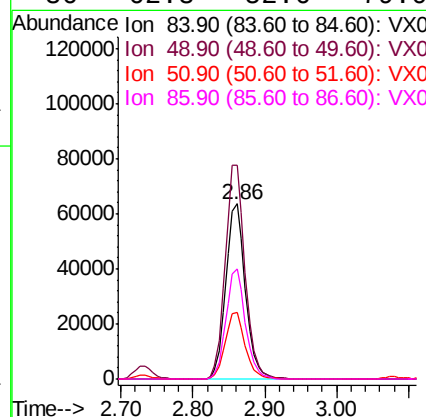
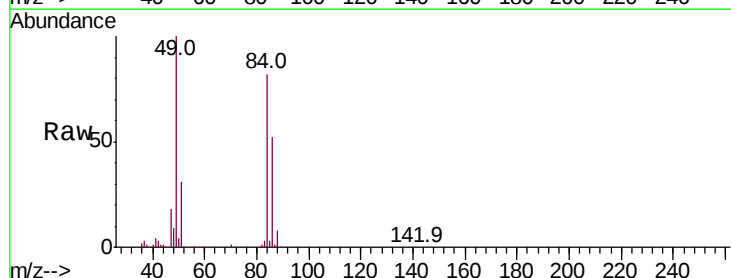
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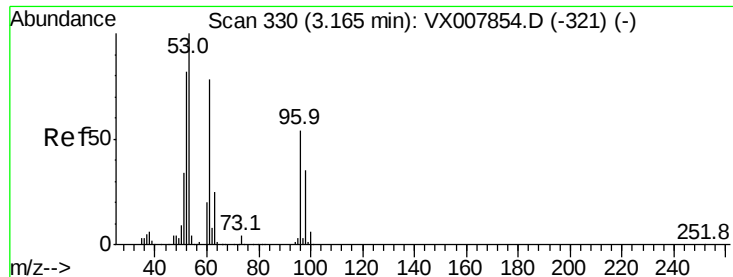
MMDadoda
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#20
Methylene Chloride
Concen: 49.671 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 84 Resp: 120446
Ion Ratio Lower Upper
84 100
49 121.9 99.3 148.9
51 37.9 31.3 46.9
86 62.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.795 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 113990

Ion Ratio Lower Upper

96 100

61 139.1 114.4 171.6

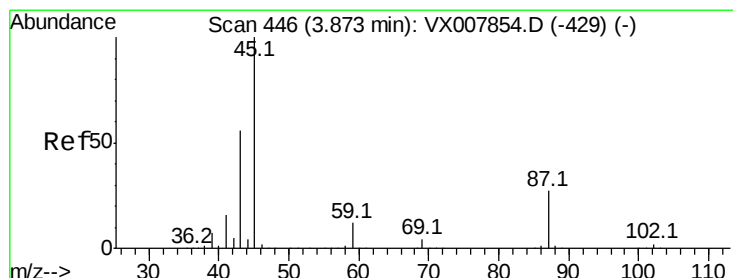
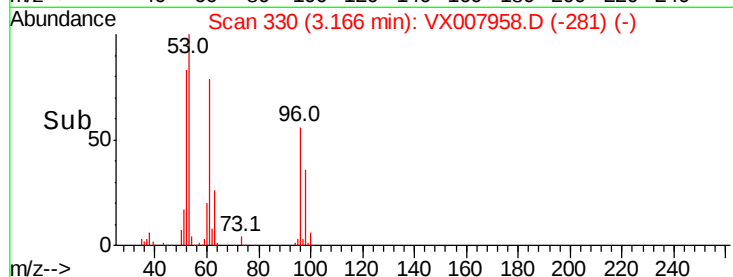
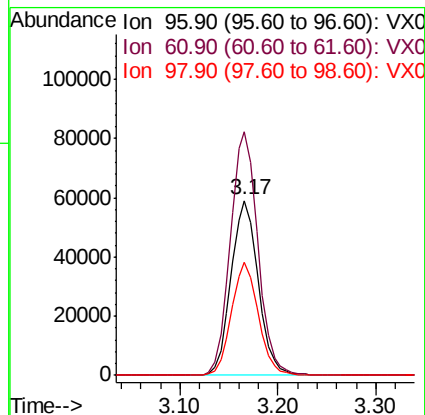
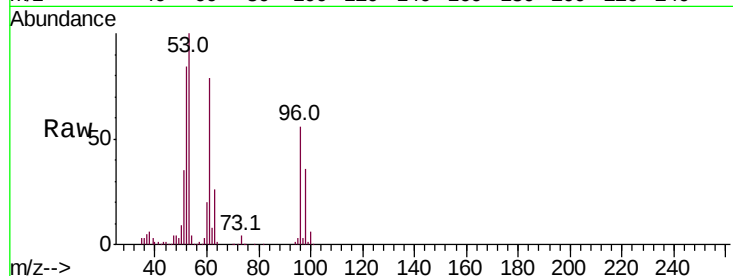
98 64.3 51.1 76.7

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#22

Diisopropyl ether

Concen: 49.379 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion: 45 Resp: 403823

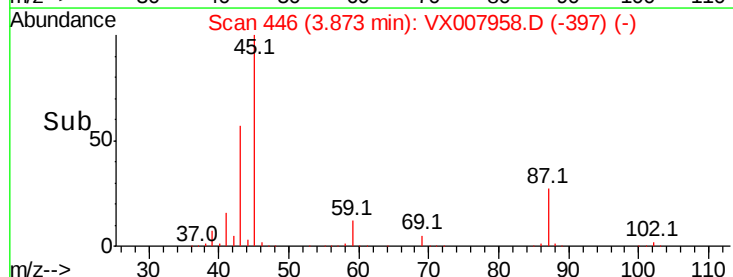
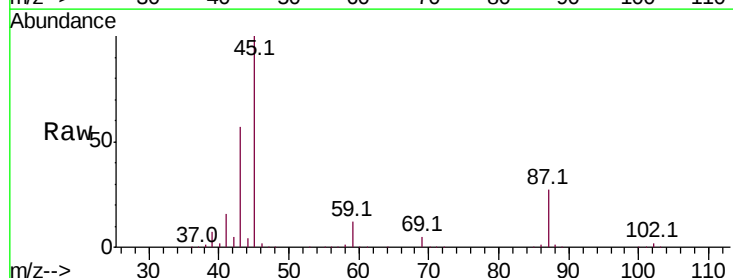
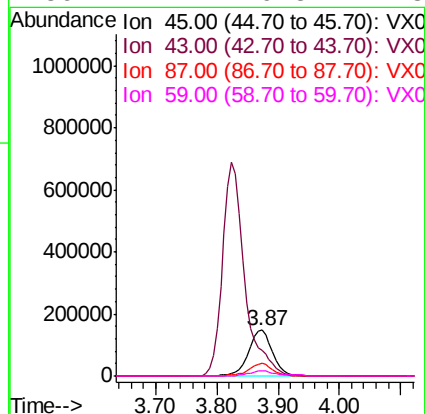
Ion Ratio Lower Upper

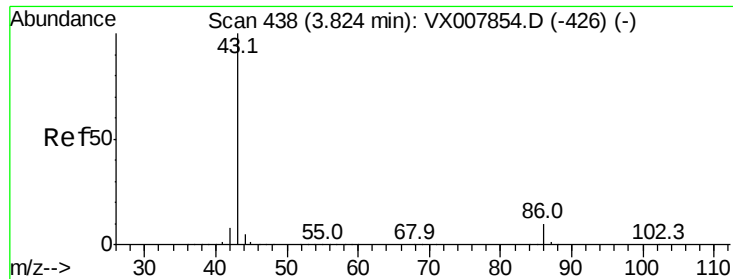
45 100

43 56.7 45.3 67.9

87 27.4 21.4 32.0

59 11.7 9.5 14.3





#23

Vinyl Acetate

Concen: 243.376 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1745371

Ion Ratio Lower Upper

43 100

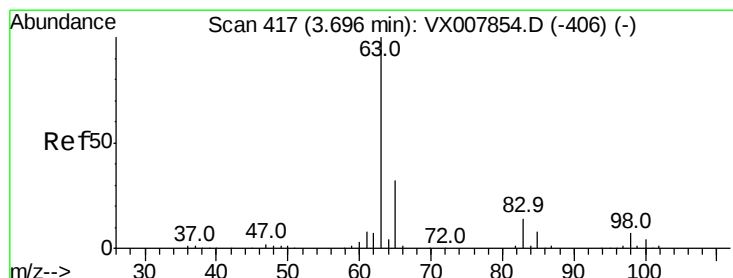
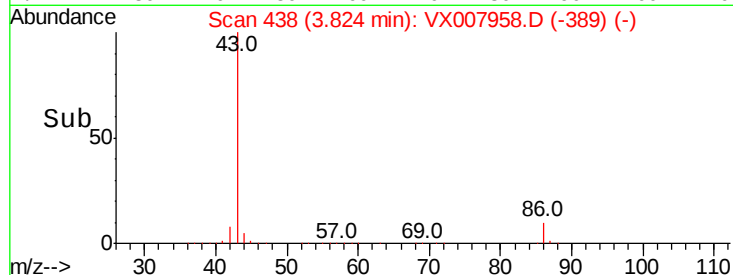
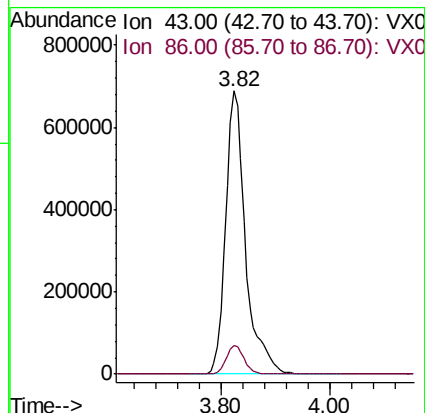
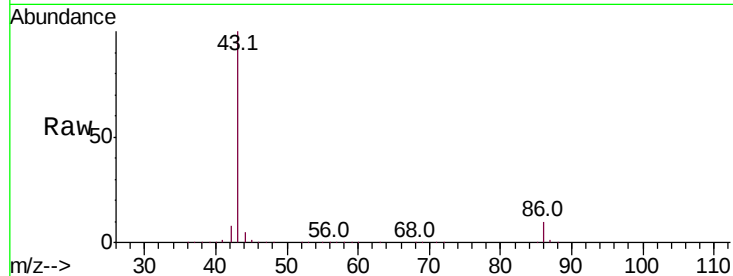
86 9.9 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.002 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

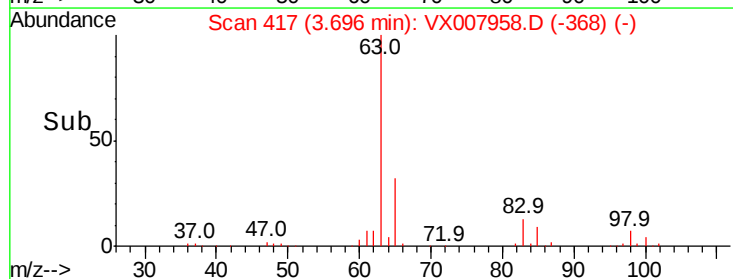
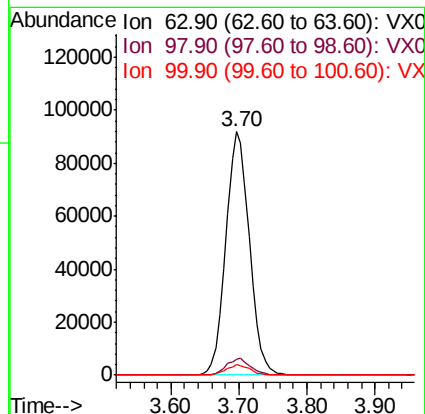
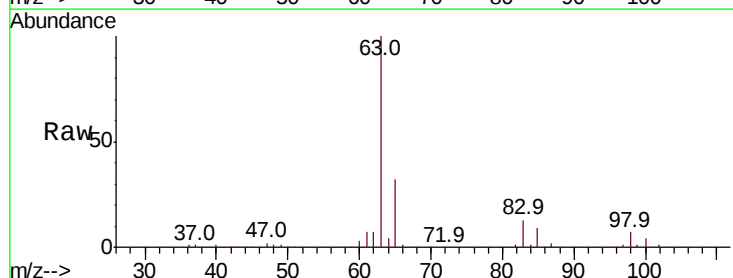
Tgt Ion: 63 Resp: 220059

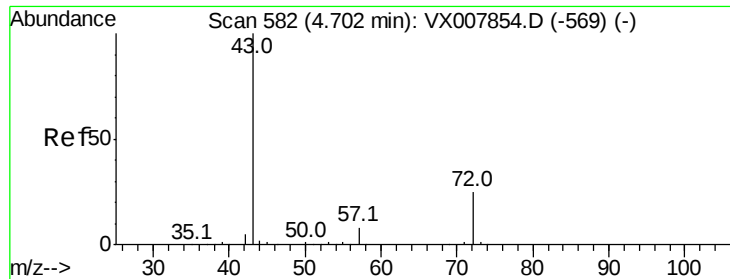
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 231.930 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 500293

Ion Ratio Lower Upper

43 100

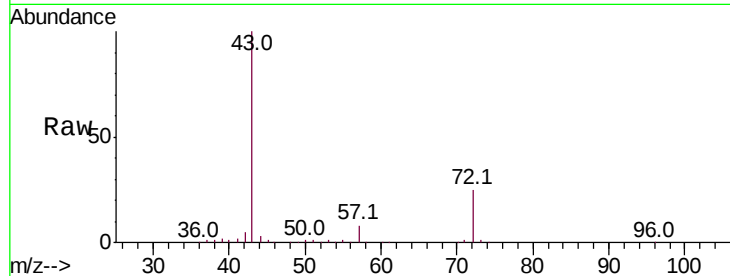
72 25.4 19.9 29.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

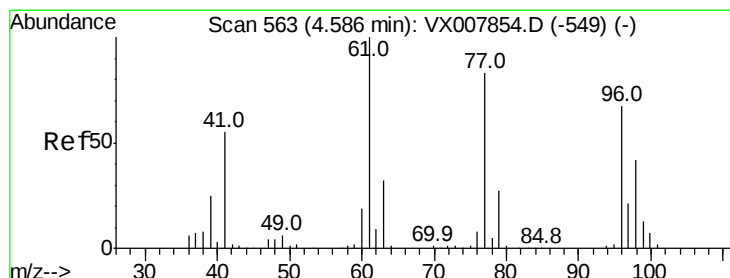
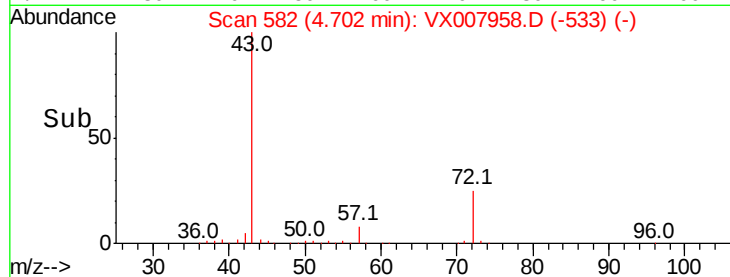
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.343 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007958.D

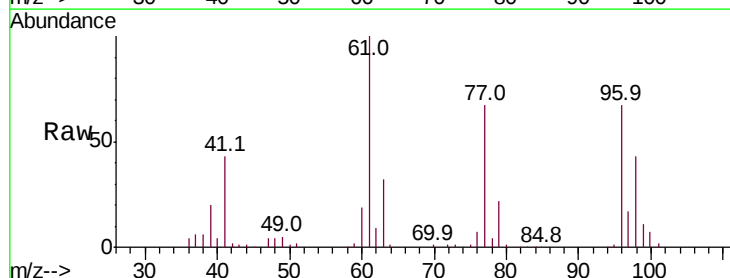
Acq: 09 Mar 2019 03:34

Tgt Ion: 77 Resp: 114711

Ion Ratio Lower Upper

77 100

97 25.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

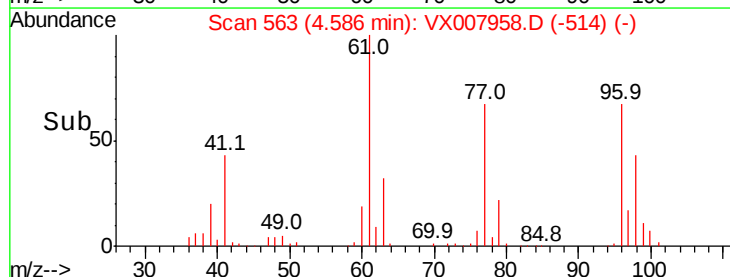
20000

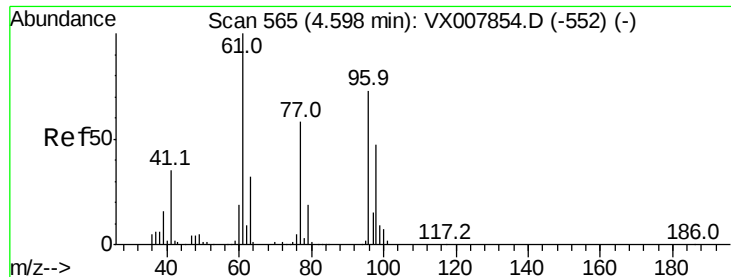
10000

0

4.50 4.60 4.70

Time-->





#27

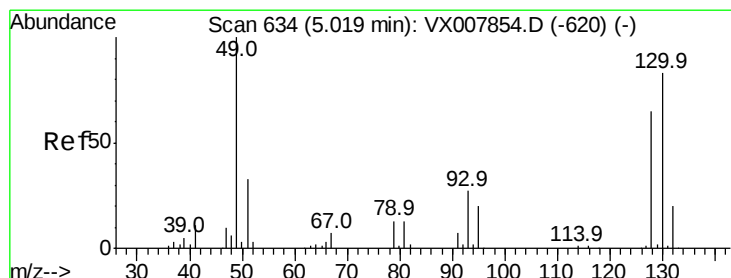
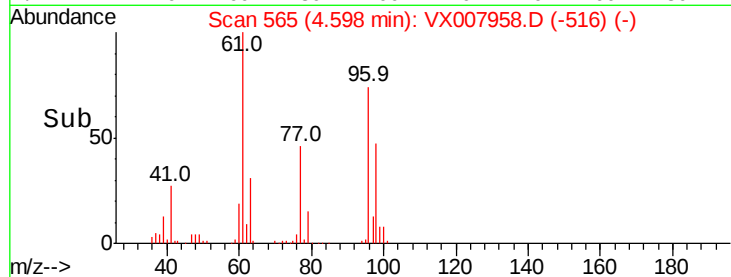
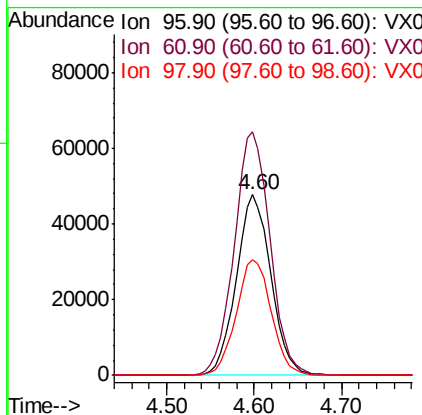
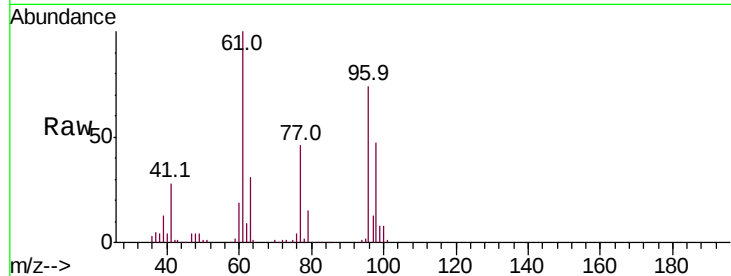
cis-1,2-Dichloroethene
Concen: 48.992 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	130963		
61	140.5	0.0	288.0	
98	64.9	0.0	129.0	

Manual Integrations
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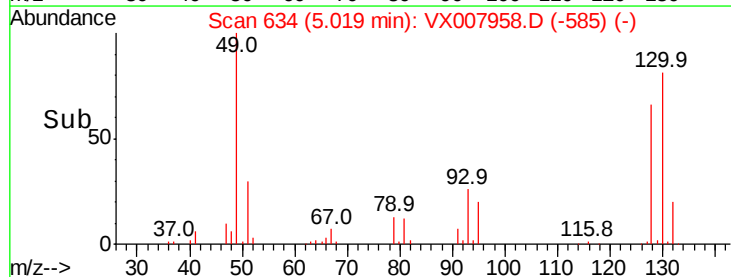
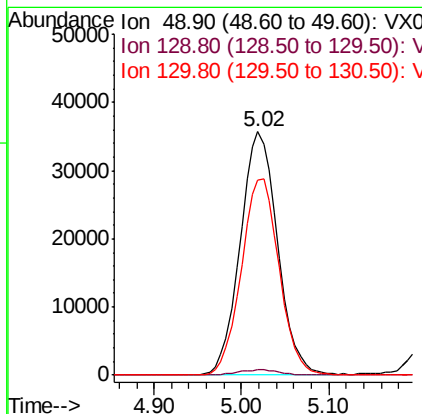
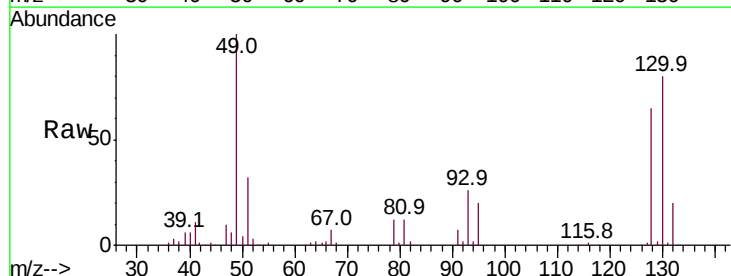
MMDadoda
3/11/2019 12:02:39 PM

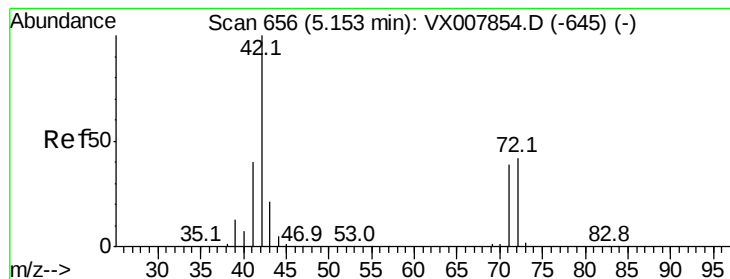


#28

Bromochloromethane
Concen: 51.702 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106081		
129	2.2	0.0	4.0	
130	81.5	65.0	97.4	





#29

Tetrahydrofuran

Concen: 248.858 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

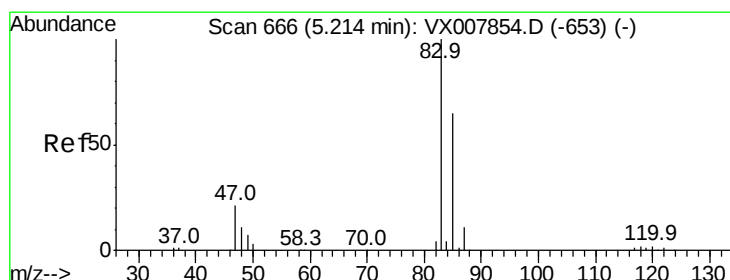
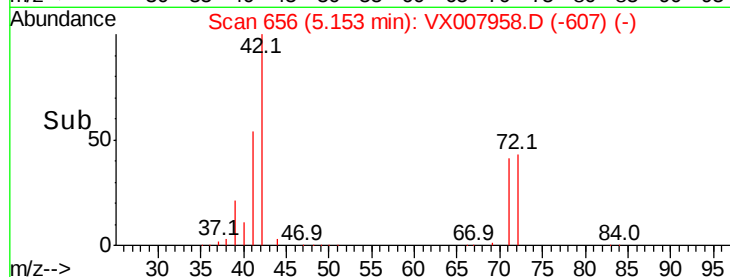
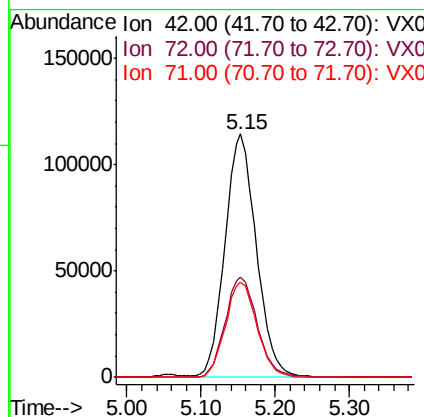
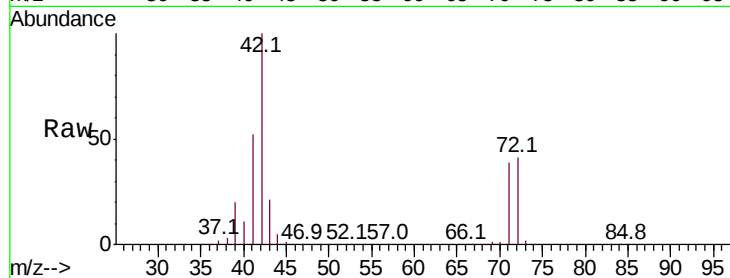
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	334842
Ion Ratio	Lower	Upper	
42	100		
72	42.6	33.8	50.6
71	39.8	31.5	47.3

Manual Integrations
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#30

Chloroform

Concen: 50.083 ug/l

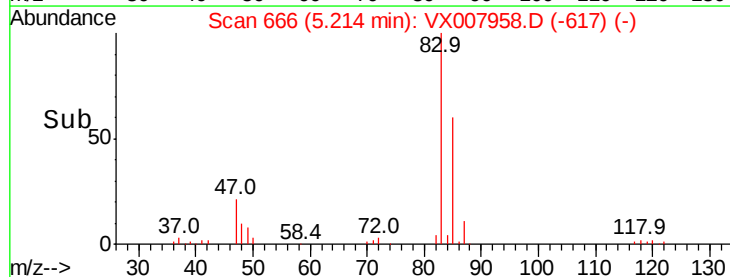
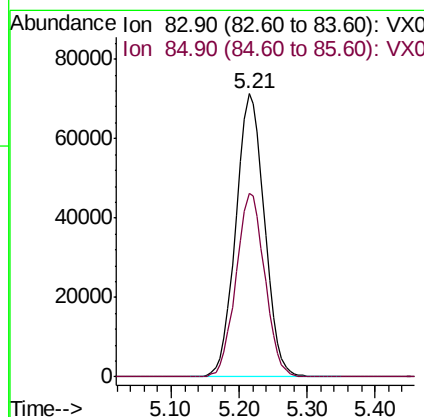
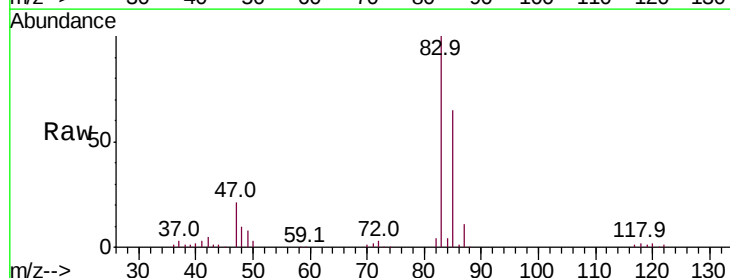
RT: 5.21 min Scan# 666

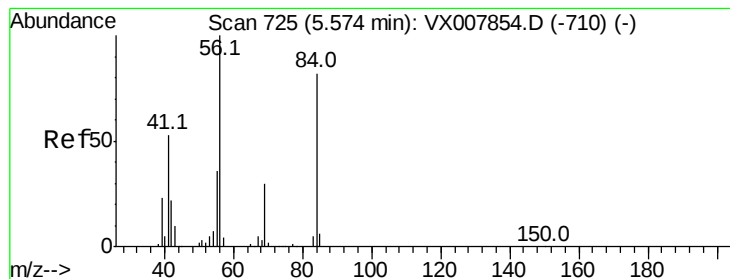
Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion:	83	Resp:	208500
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.8	77.6





#31

Cyclohexane

Concen: 49.106 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 198623

Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

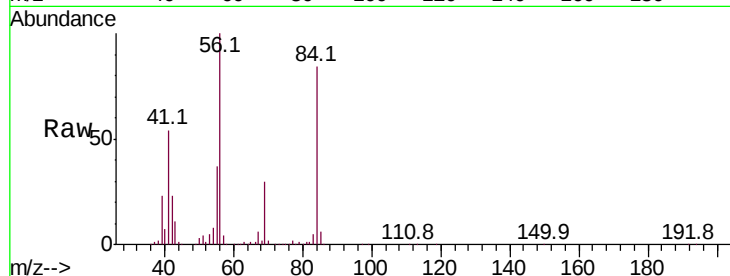
84 82.4 65.3 97.9

Manual Integrations

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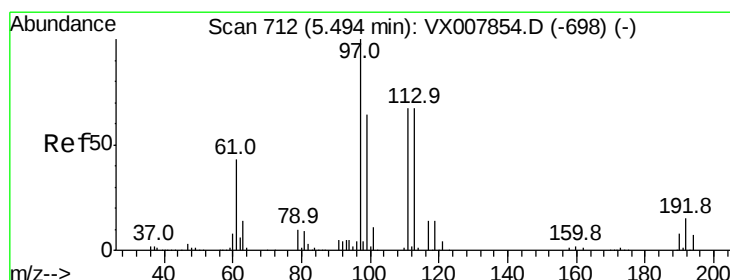
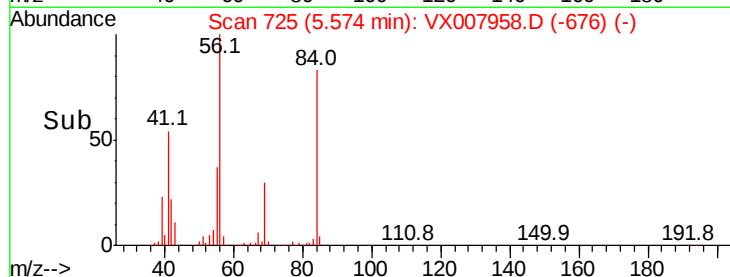
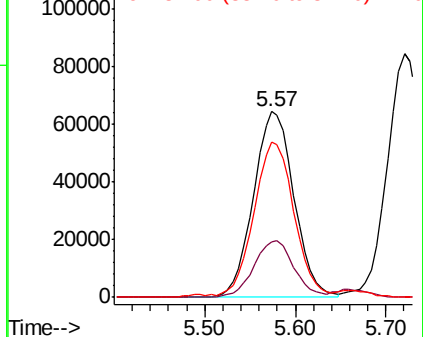


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.612 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

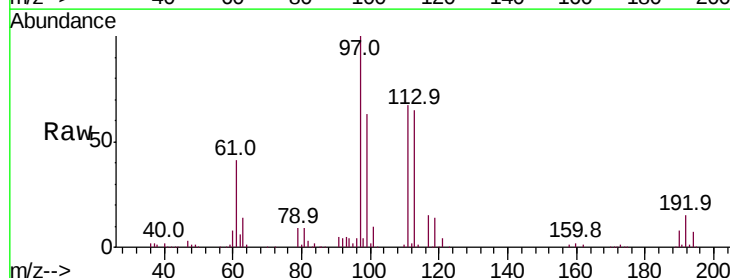
Tgt Ion: 97 Resp: 174818

Ion Ratio Lower Upper

97 100

99 64.3 52.2 78.2

61 42.4 34.9 52.3

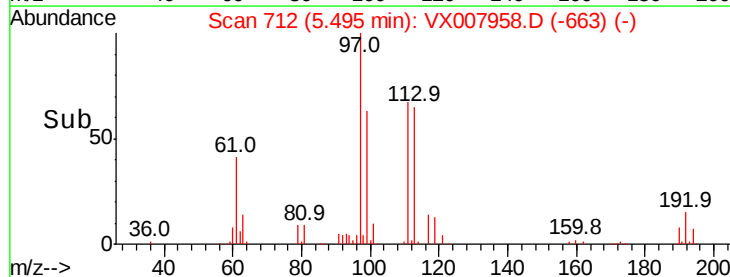
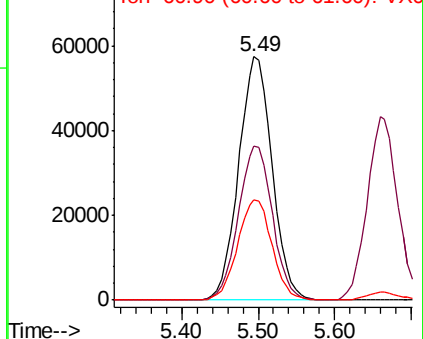


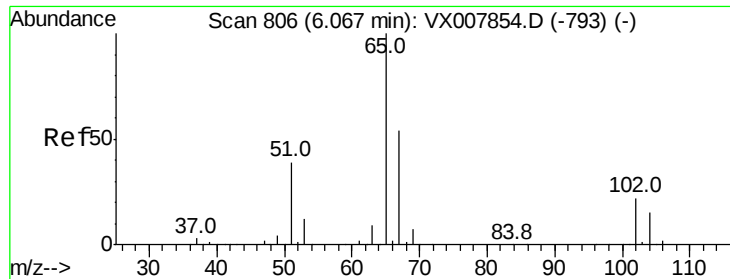
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





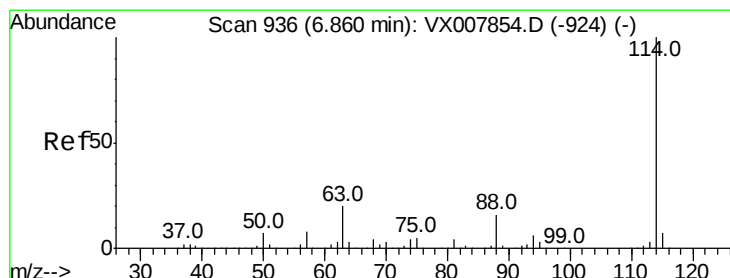
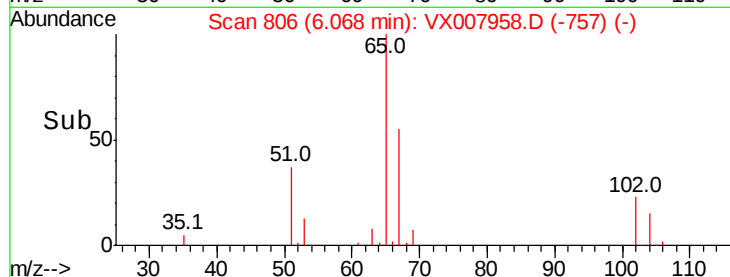
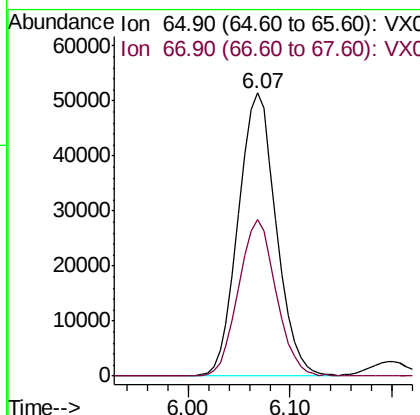
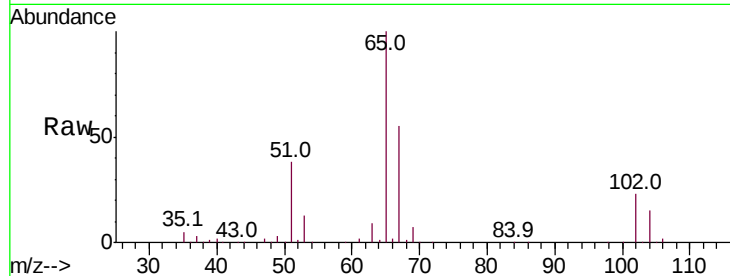
#33
 1,2-Dichloroethane-d4
 Concen: 50.505 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.0

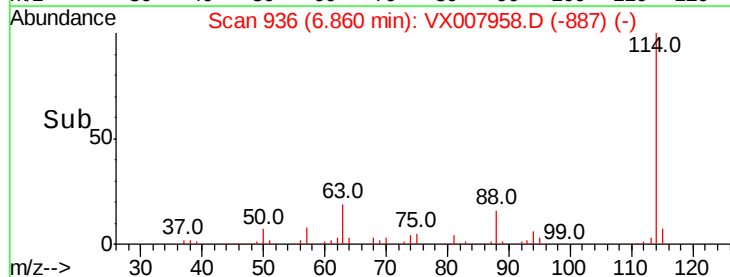
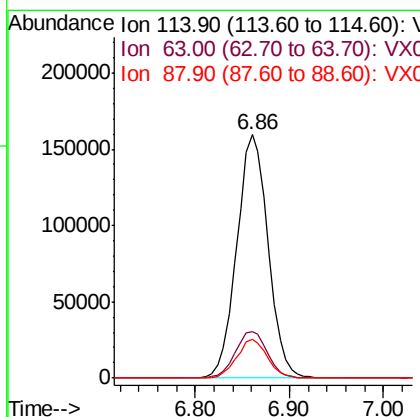
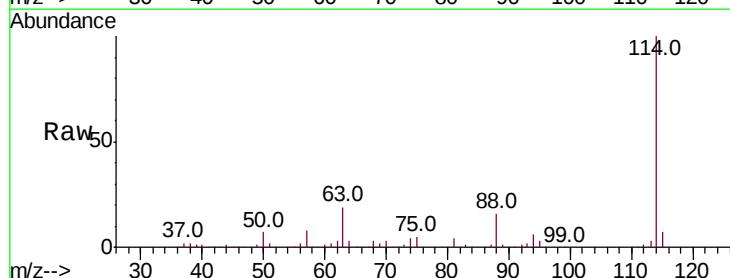
Manual Integrations
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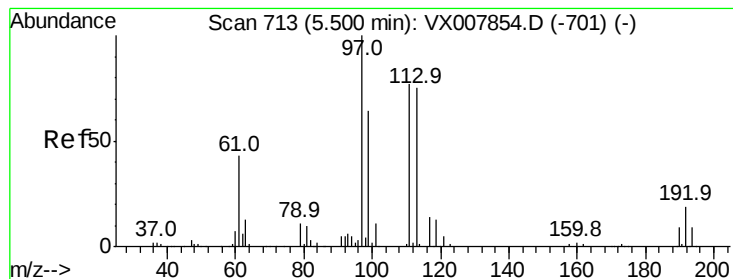
MMDadoda
 3/11/2019 12:02:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	15.8	0.0	31.4





#35

Dibromofluoromethane

Concen: 49.742 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

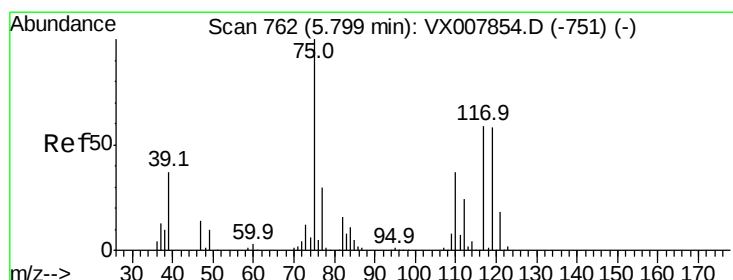
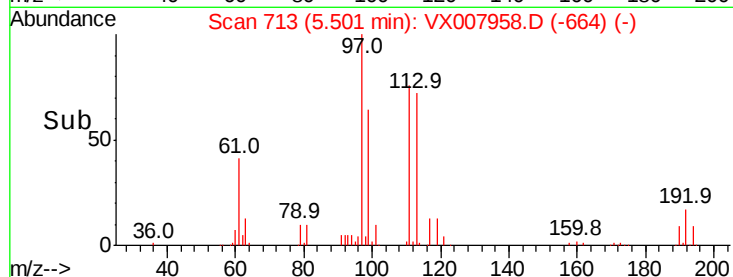
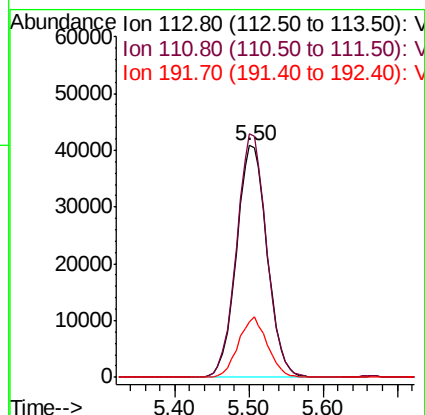
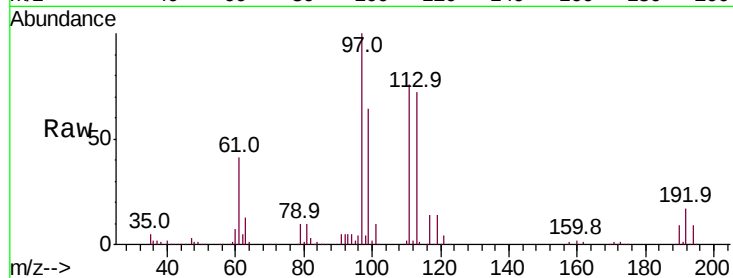
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	117953
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.4	122.0
192	24.5	19.4	29.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.547 ug/l

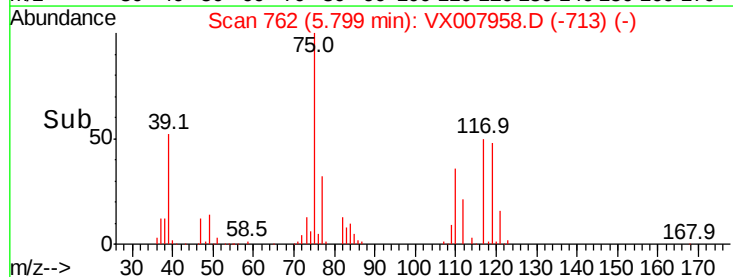
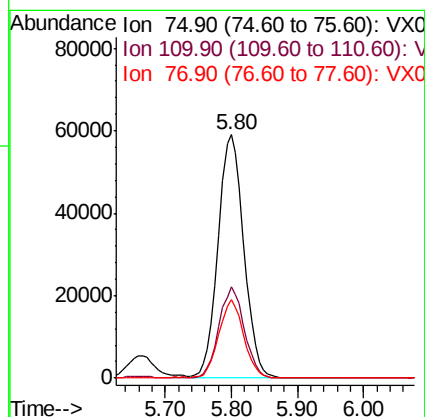
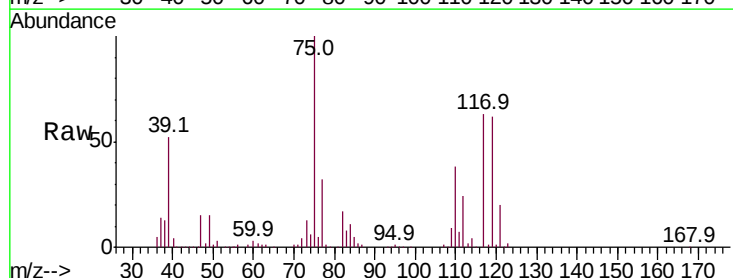
RT: 5.80 min Scan# 762

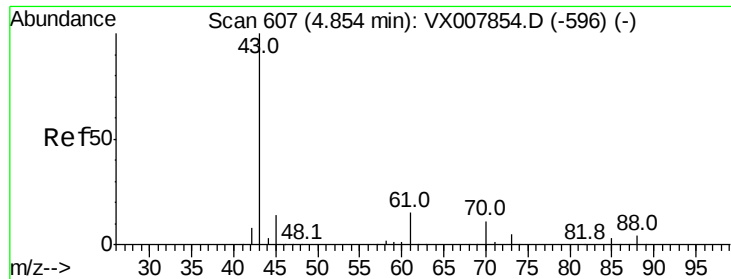
Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion:	75	Resp:	159600
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.4	55.0
77	31.2	25.0	37.4





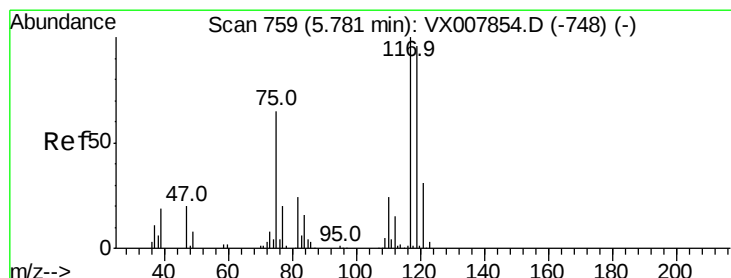
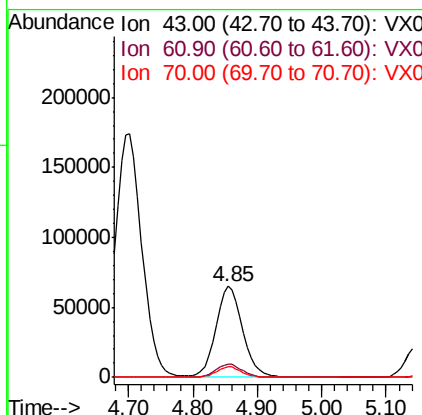
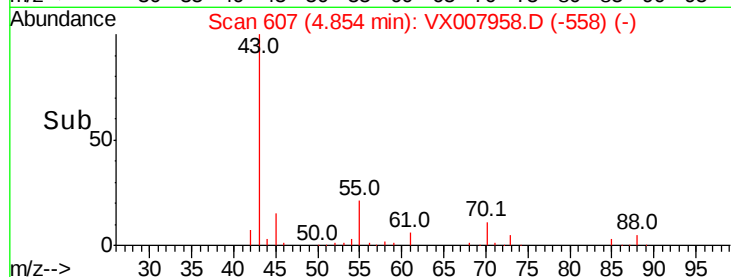
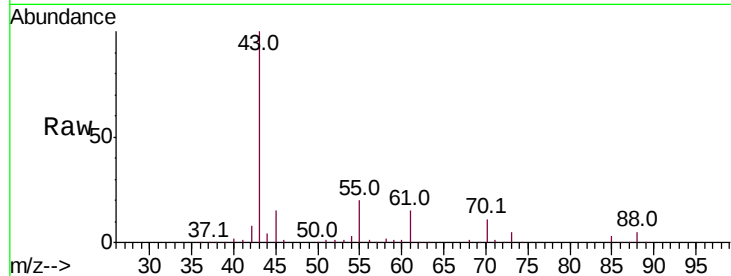
#37
Ethyl Acetate
Concen: 47.590 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	11.0	8.5	12.7

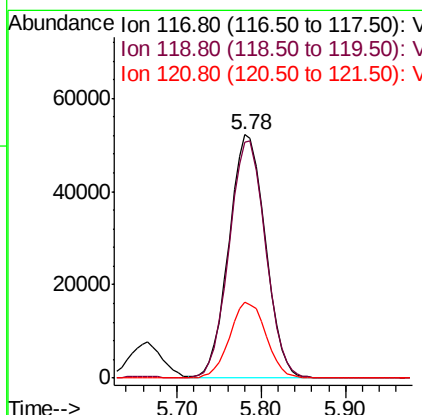
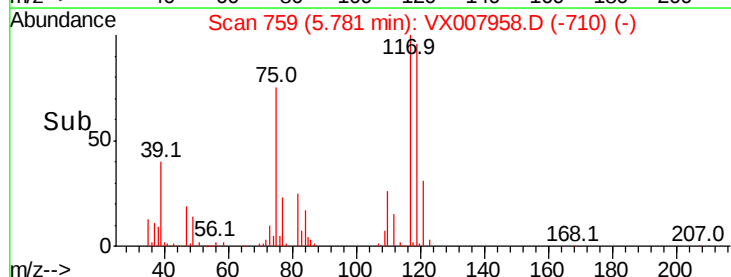
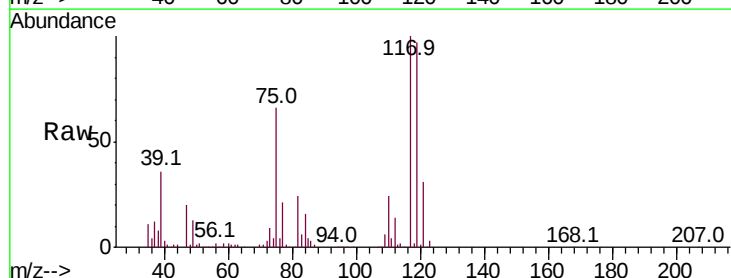
Manual Integrations
APPROVED

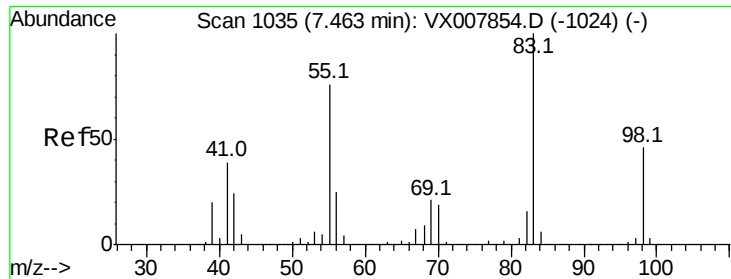
MMDadoda
3/11/2019 12:02:39 PM



#38
Carbon Tetrachloride
Concen: 48.245 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.2
121	31.4	24.6	36.8





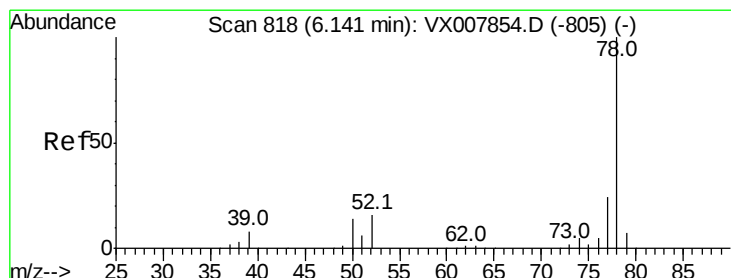
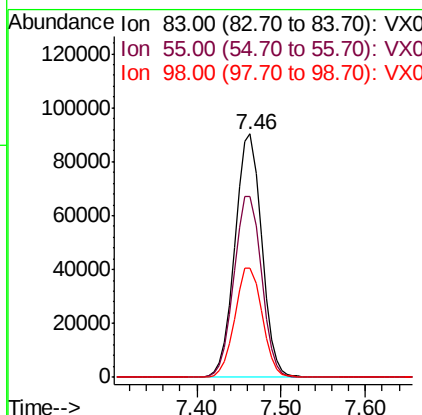
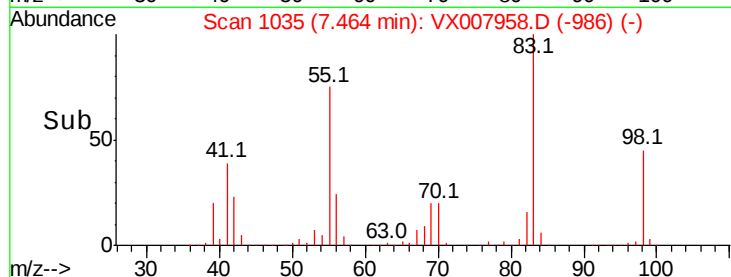
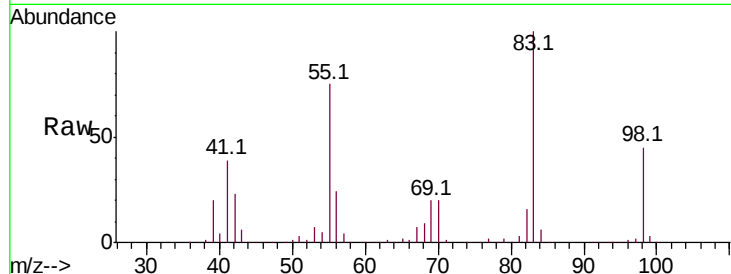
#39
Methylvlcvclohexane
Concen: 47.428 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	60.4	90.6
98	45.1	36.5	54.7

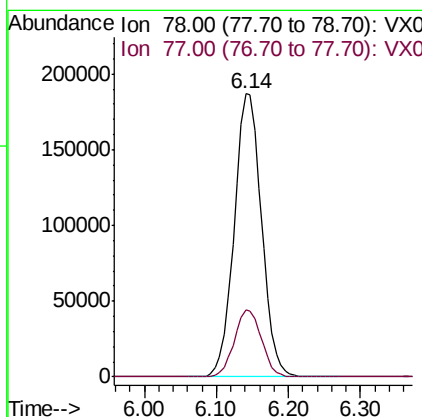
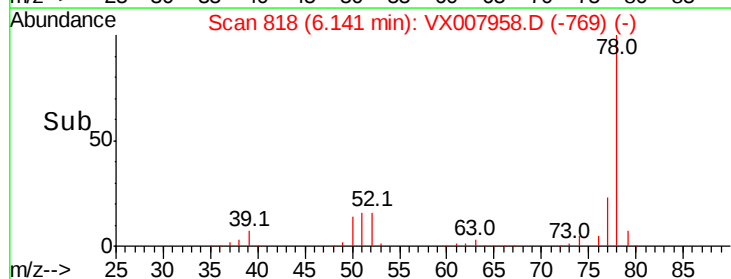
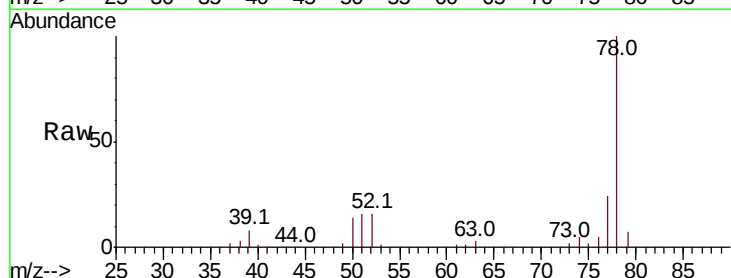
Manual Integrations
APPROVED

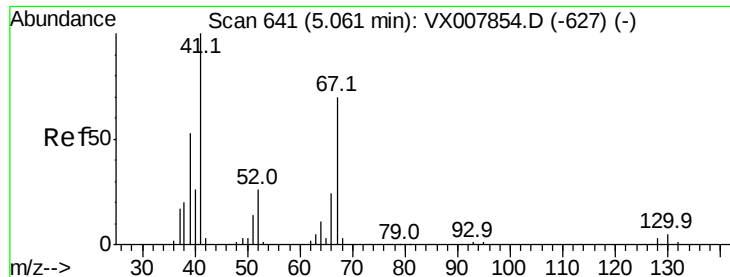
MMDadoda
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#40
Benzene
Concen: 49.175 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





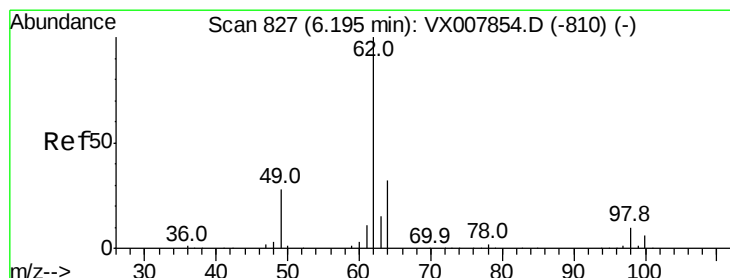
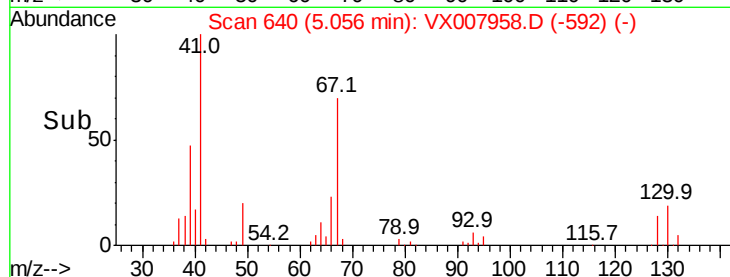
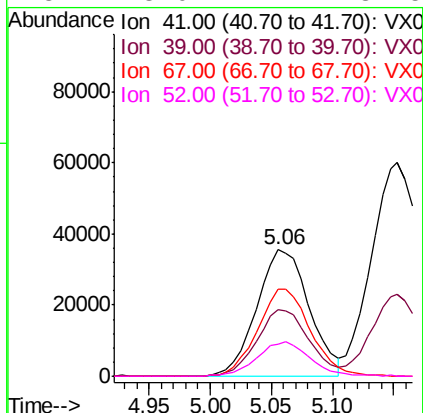
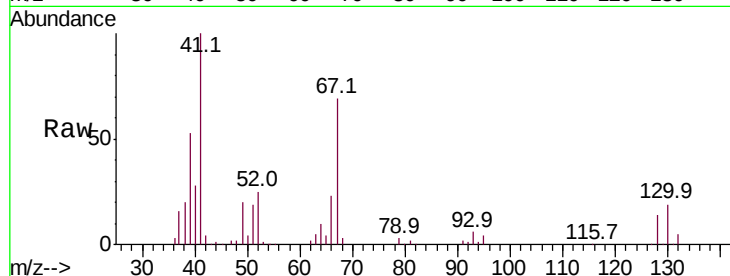
#41
Methacrylonitrile
Concen: 48.988 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	41.6	62.4	
67	69.5	55.8	83.6	
52	28.0	21.7	32.5	

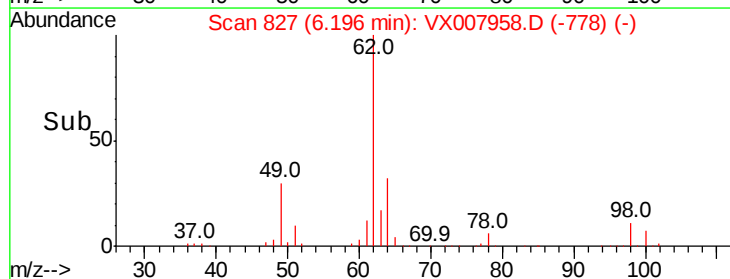
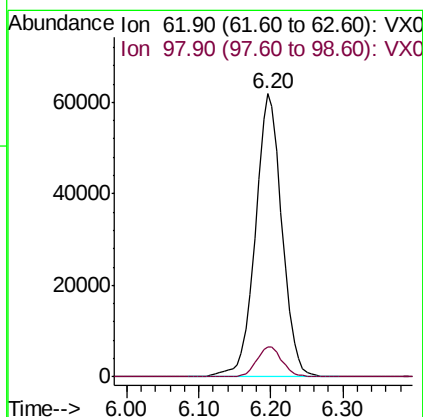
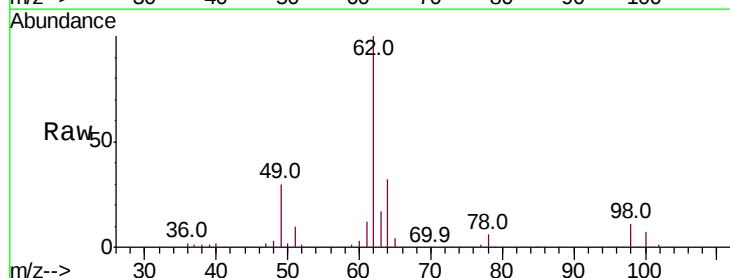
Manual Integrations
APPROVED

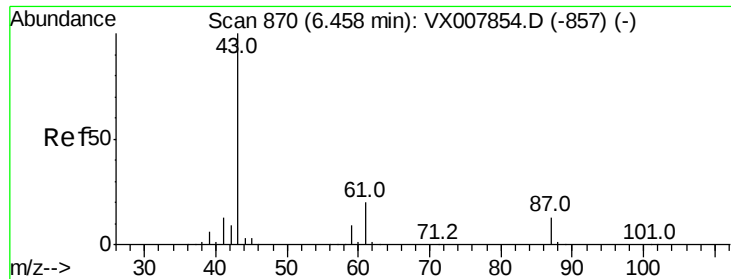
MMDadoda
3/11/2019 12:02:39 PM



#42
1,2-Dichloroethane
Concen: 48.548 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.4	





#43

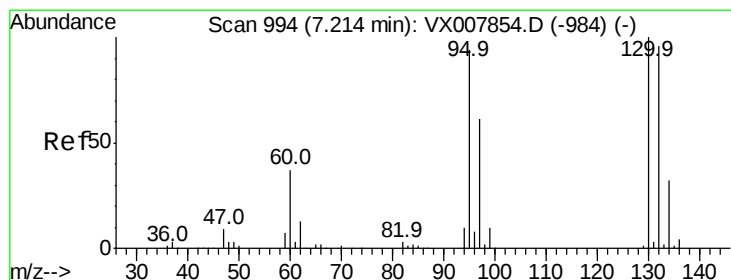
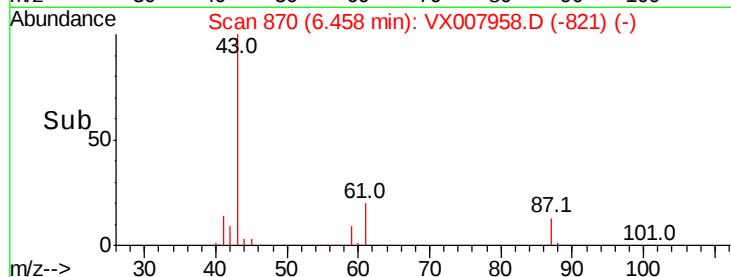
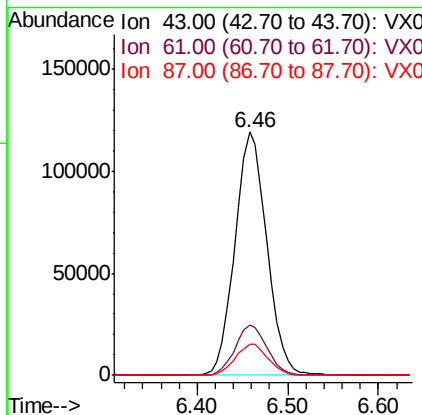
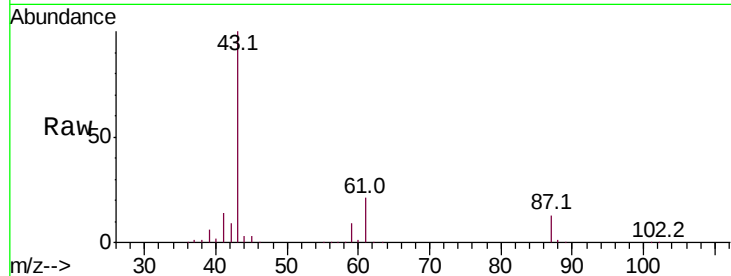
Isopropyl Acetate
 Concen: 49.133 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.3	24.5
87	13.1	10.5	15.7

Manual Integrations
 APPROVED

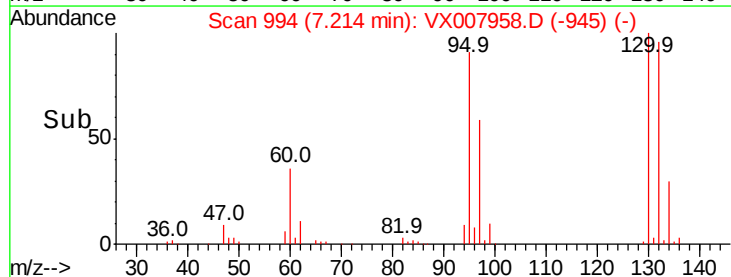
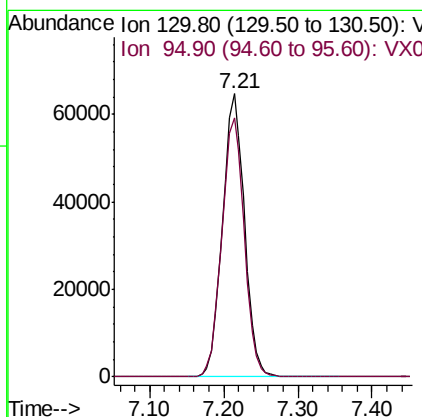
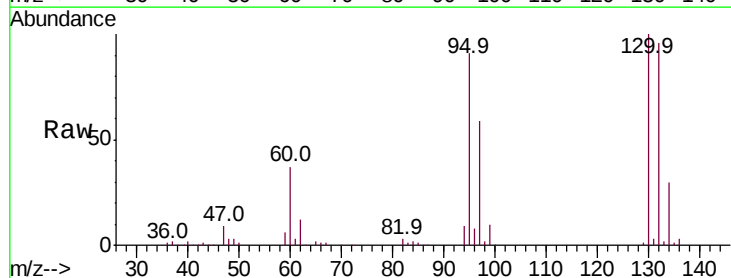
MMDadoda
 3/11/2019 12:02:39 PM

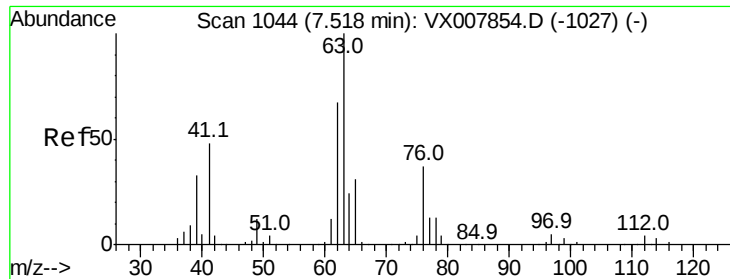


#44

Trichloroethene
 Concen: 48.432 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	188.0





#45

1,2-Dichloropropane

Concen: 49.282 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 63 Resp: 130072

Ion Ratio Lower Upper

63 100

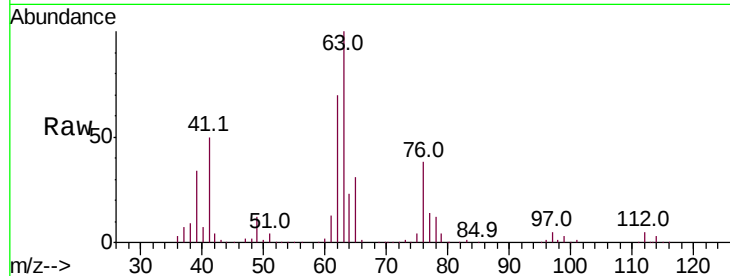
65 30.8 24.7 37.1

Manual Integrations

APPROVED

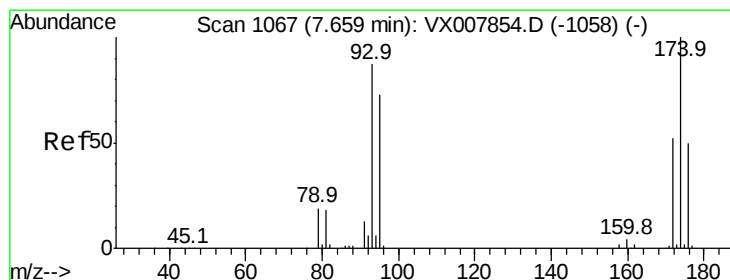
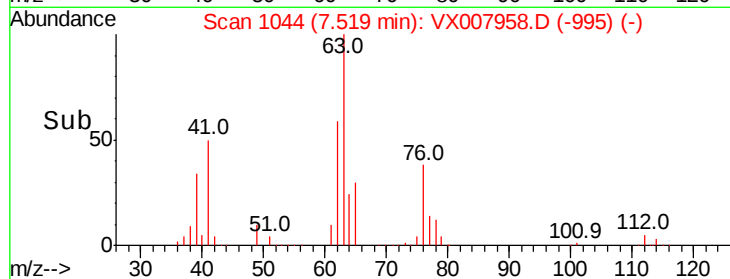
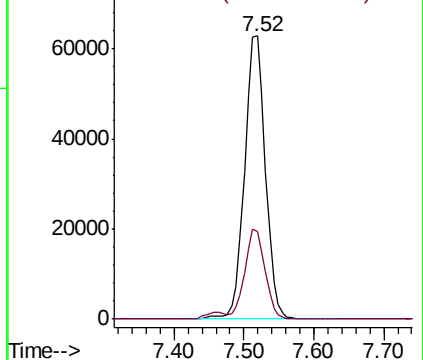
MMDadoda

3/11/2019 12:02:39 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.158 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

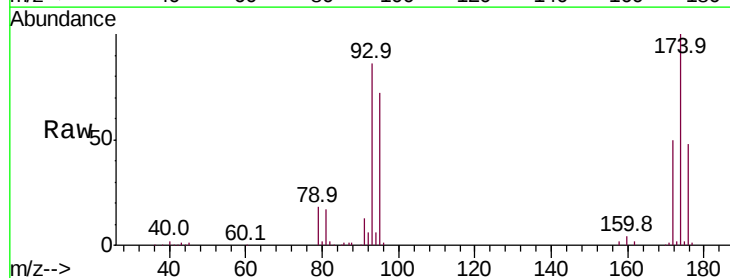
Tgt Ion: 93 Resp: 82109

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

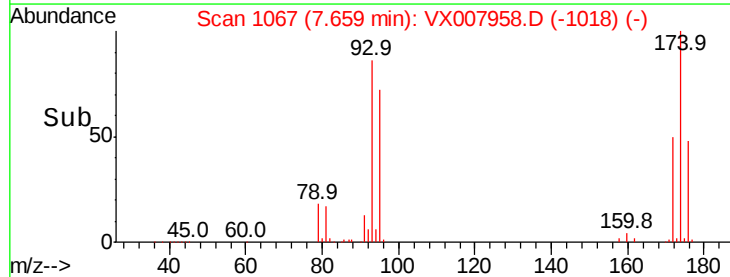
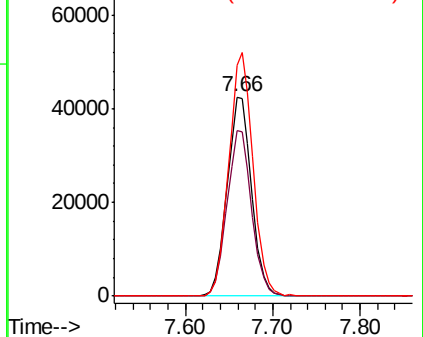
174 121.5 97.3 145.9

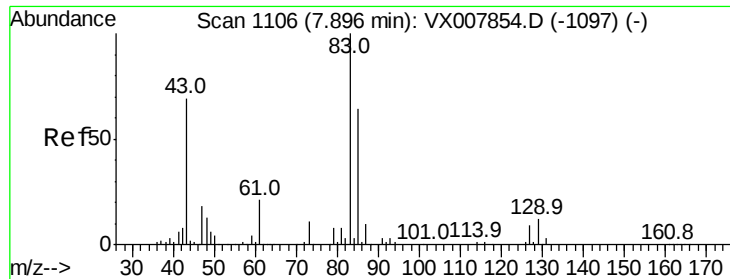


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





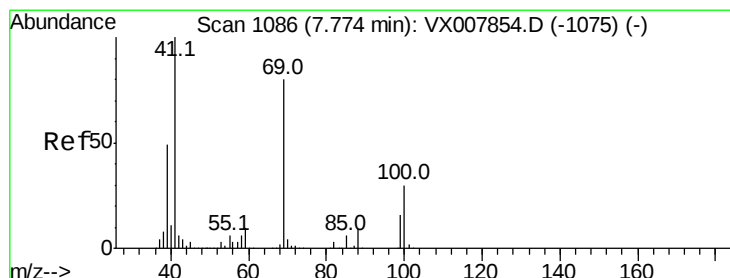
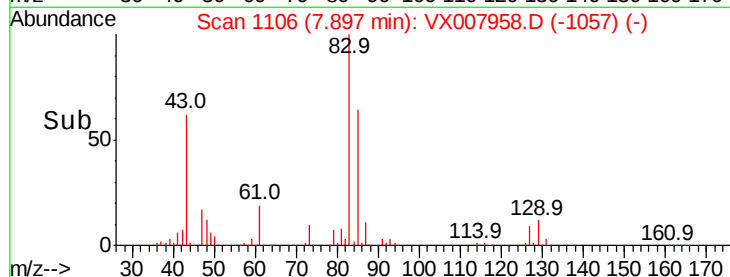
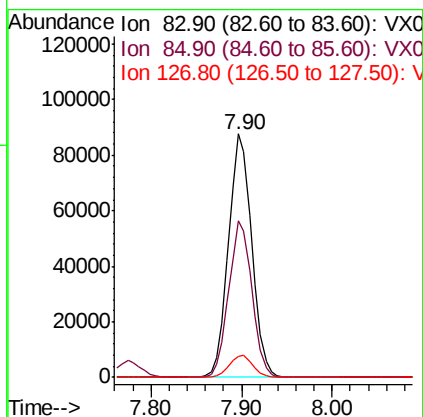
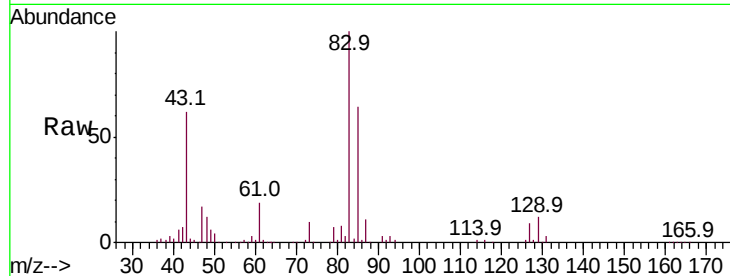
#47
Bromodichloromethane
Concen: 49.183 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3
127	8.8	7.4	11.0

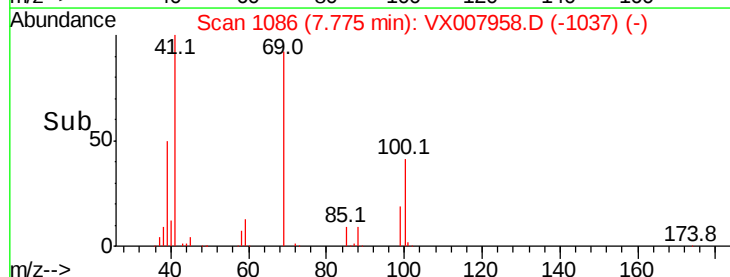
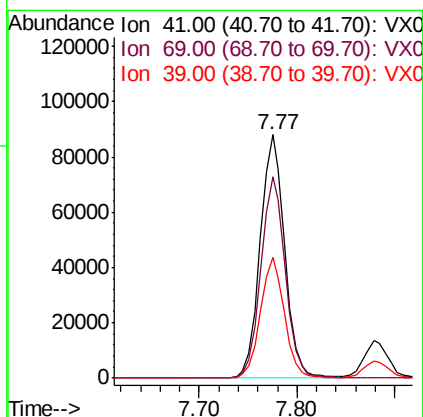
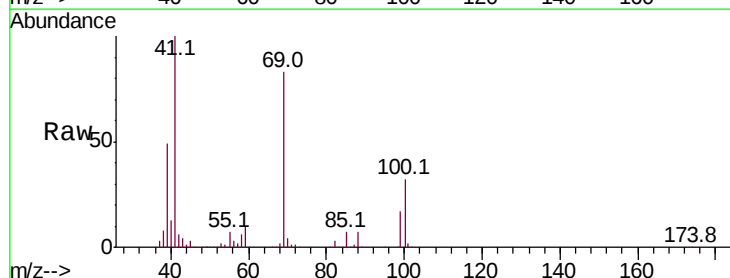
Manual Integrations
APPROVED

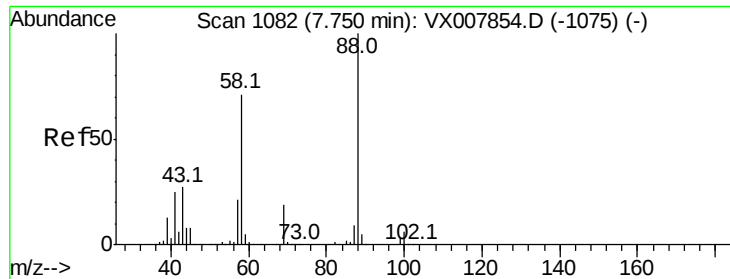
MMDadoda
3/11/2019 12:02:39 PM



#48
Methyl methacrylate
Concen: 49.525 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.0	65.2	97.8
39	48.9	39.4	59.2





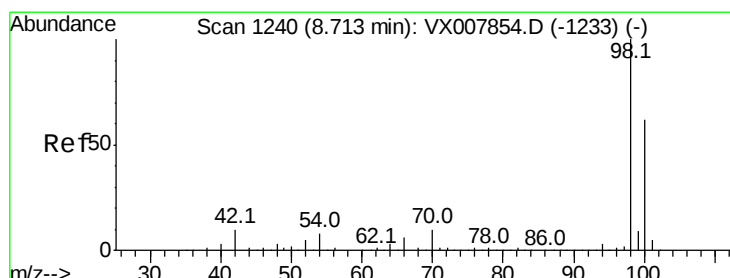
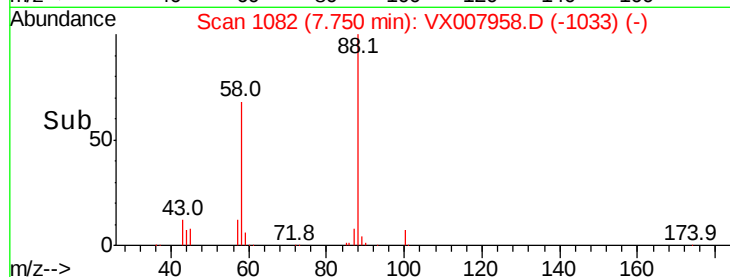
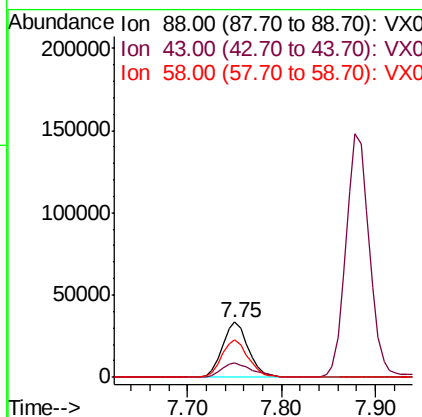
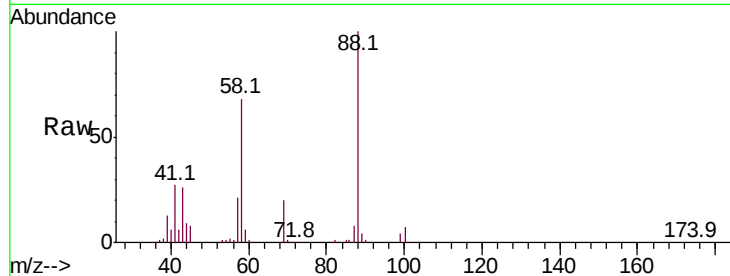
#49
1,4-Dioxane
Concen: 1003.968 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.1	37.7
58	70.5	57.8	86.6

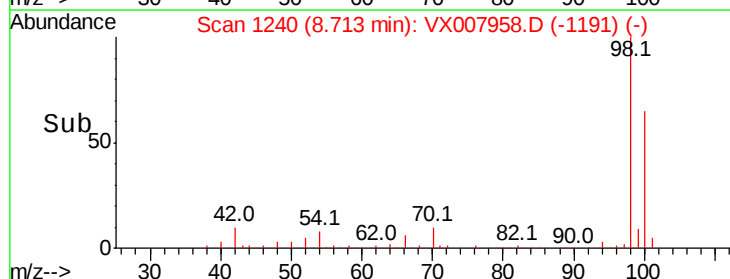
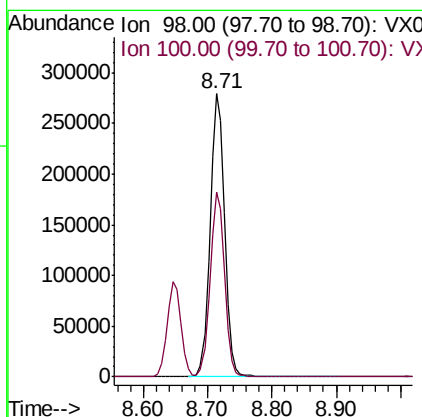
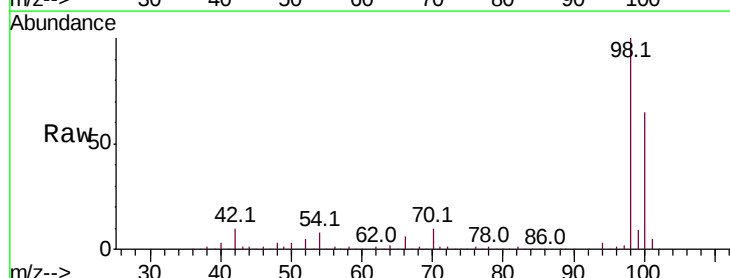
Manual Integrations
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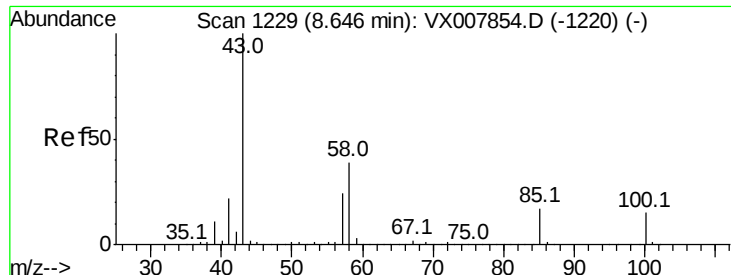
MMDadoda
3/11/2019 12:02:39 PM



#50
Toluene-d8
Concen: 50.422 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 246.019 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 932723

Ion Ratio Lower Upper

43 100

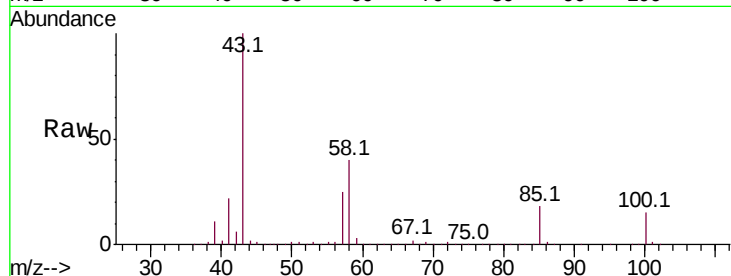
58 39.4 31.3 46.9

Manual Integrations

APPROVED

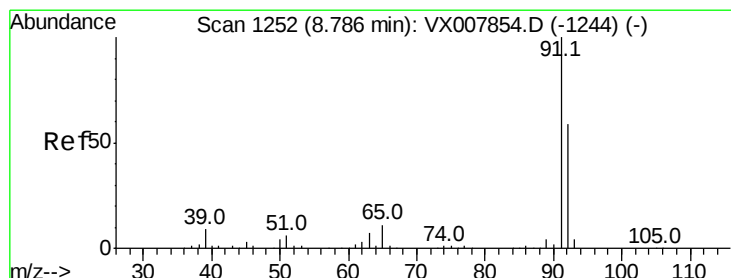
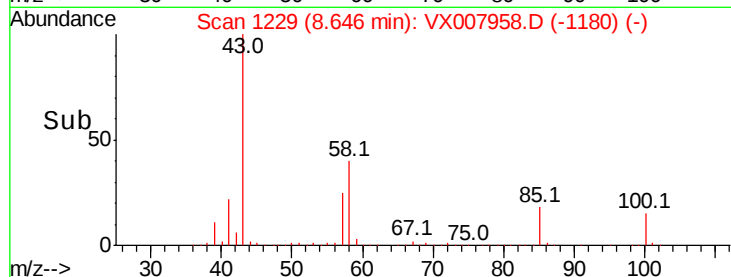
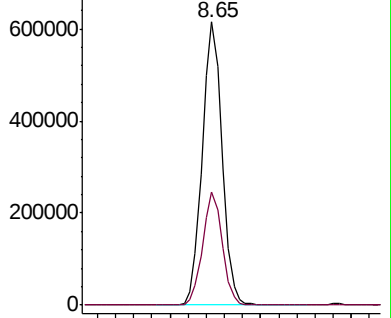
MMDadoda

3/11/2019 12:02:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.410 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007958.D

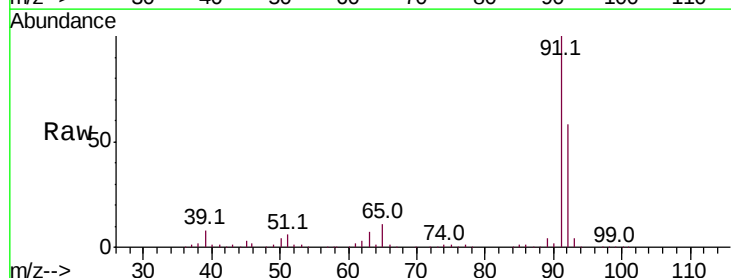
Acq: 09 Mar 2019 03:34

Tgt Ion: 92 Resp: 301450

Ion Ratio Lower Upper

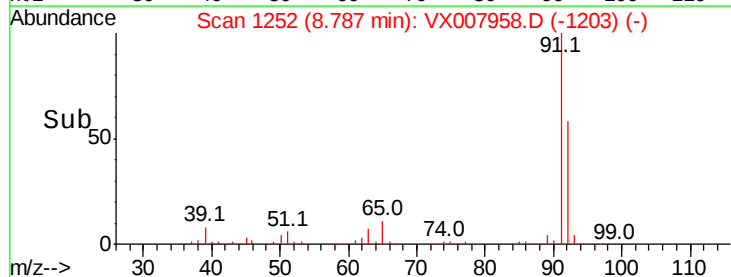
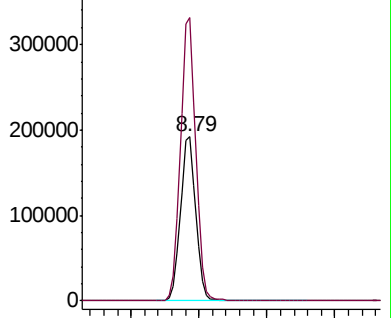
92 100

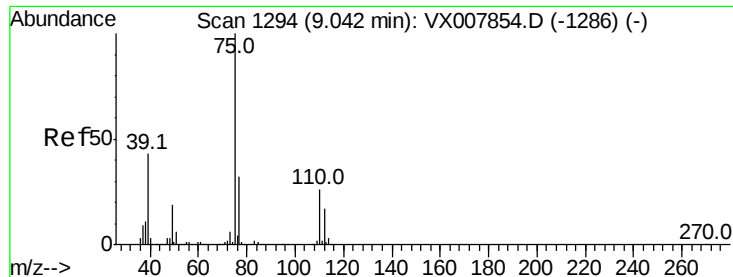
91 172.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





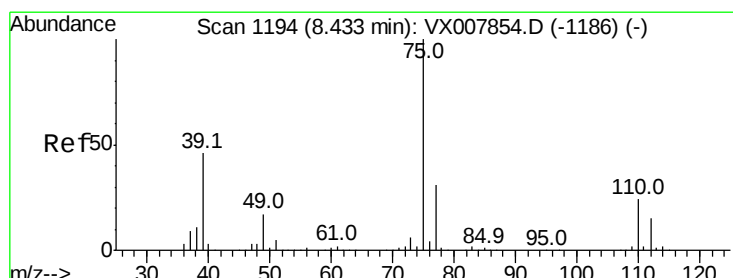
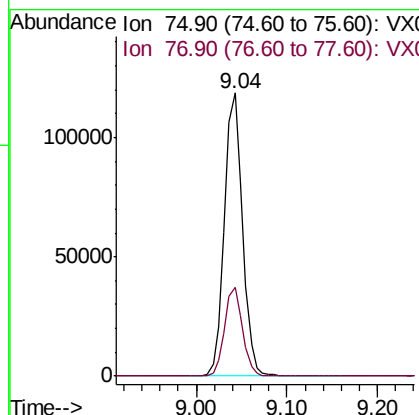
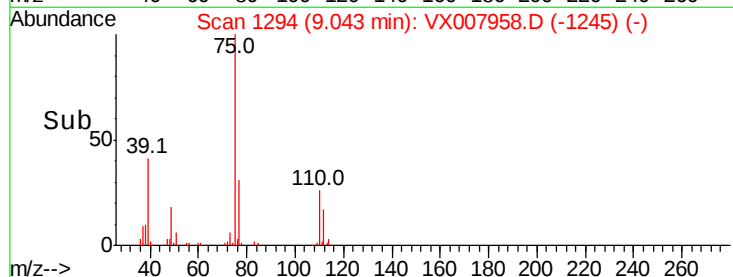
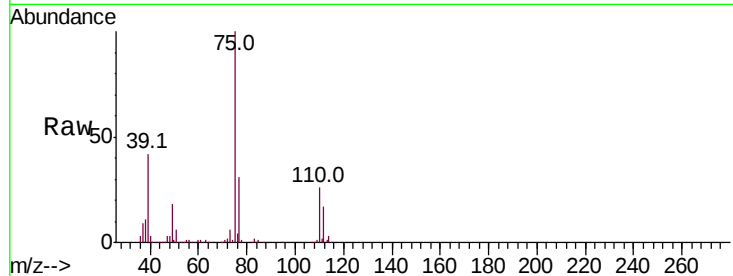
#53
t-1,3-Dichloropropene
Concen: 50.045 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 165419
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

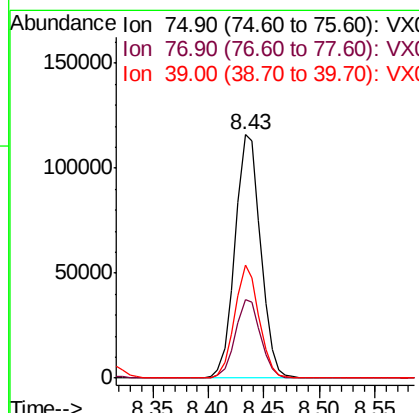
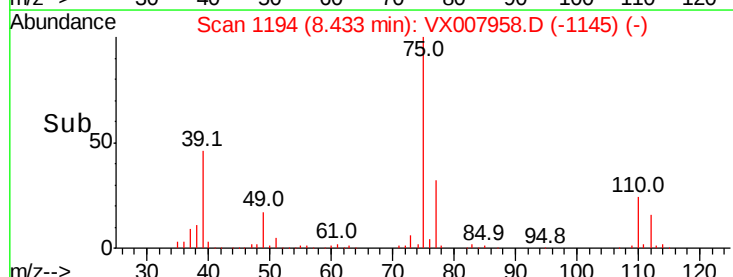
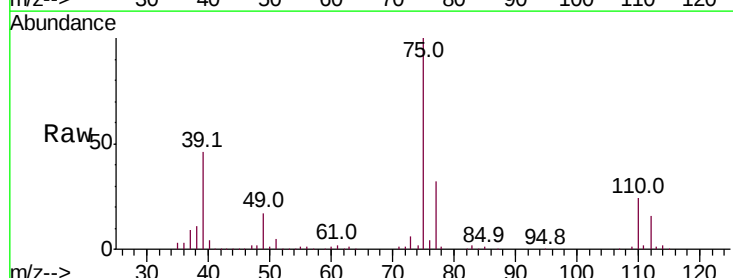
Manual Integrations
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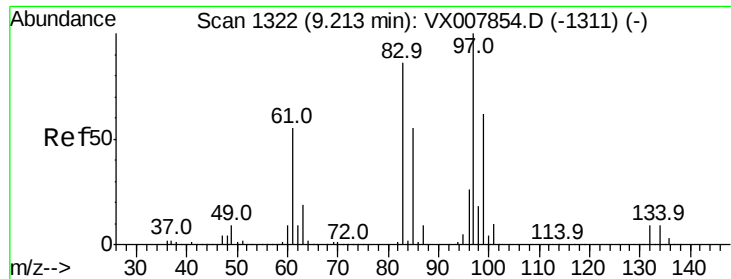
MMDadoda
3/11/2019 12:02:39 PM



#54
cis-1,3-Dichloropropene
Concen: 49.491 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 75 Resp: 184731
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6
39 46.1 36.6 54.8





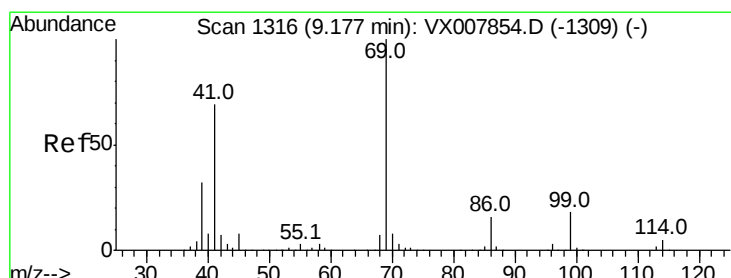
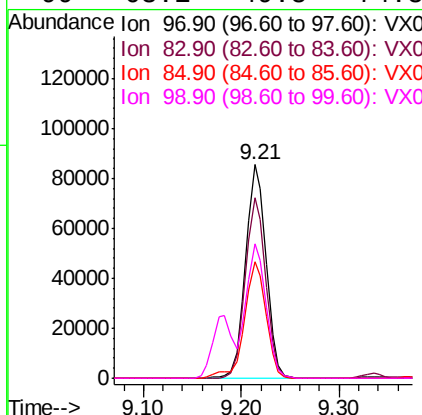
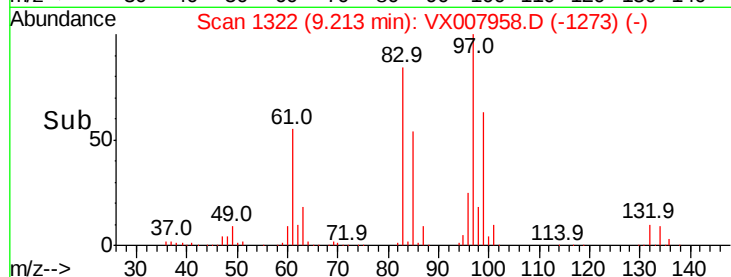
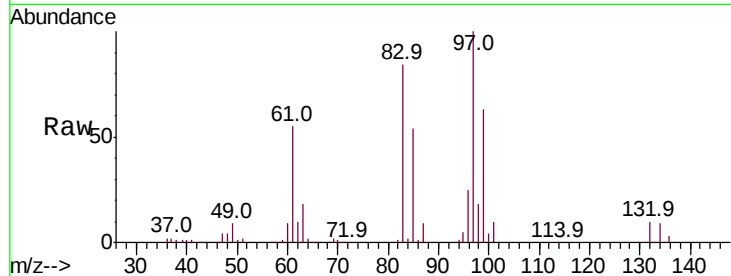
#55
1,1,2-Trichloroethane
Concen: 50.427 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	84.4	69.1	103.7	
85	54.4	44.3	66.5	
99	63.1	49.8	74.8	

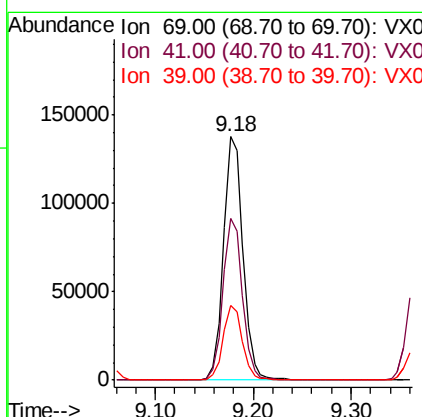
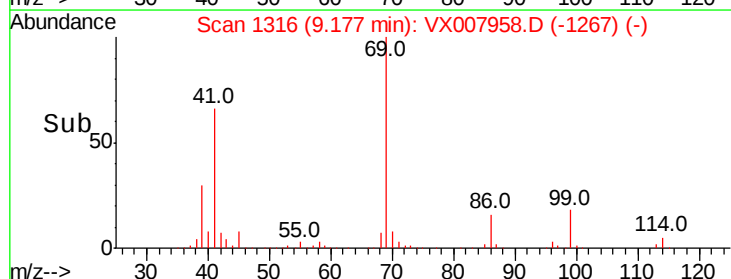
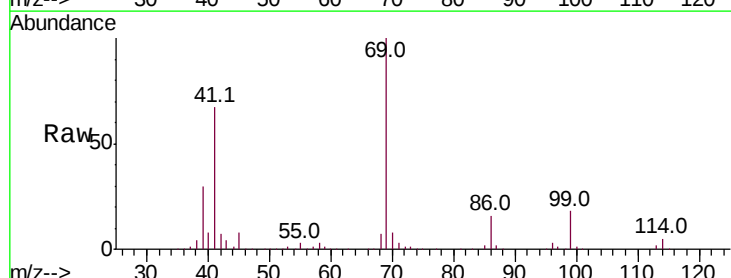
Manual Integrations
APPROVED

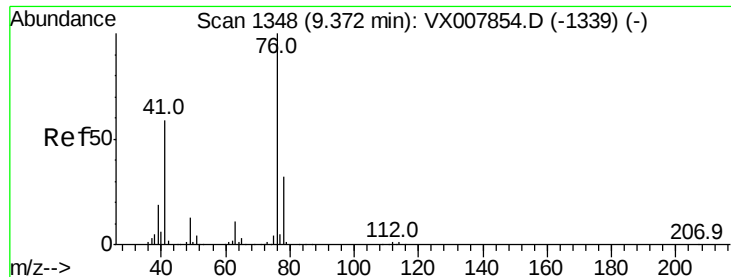
MMDadoda
3/11/2019 12:02:39 PM



#56
Ethyl methacrylate
Concen: 51.401 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	66.3	54.2	81.4	
39	30.5	25.0	37.4	





#57

1,3-Dichloropropane

Concen: 49.802 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 206525

Ion Ratio Lower Upper

76 100

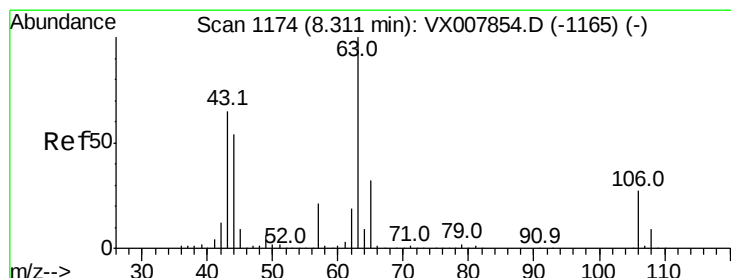
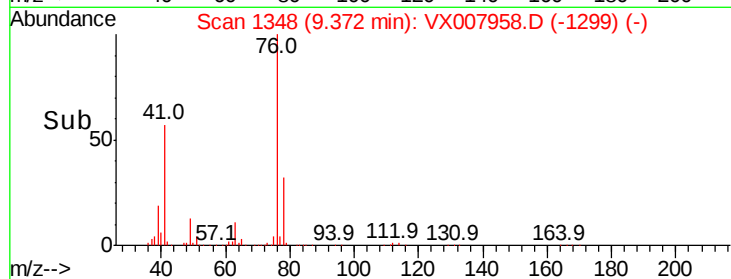
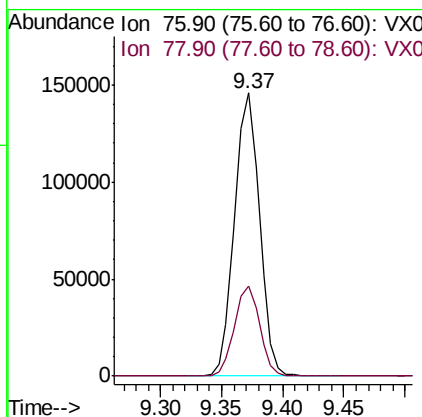
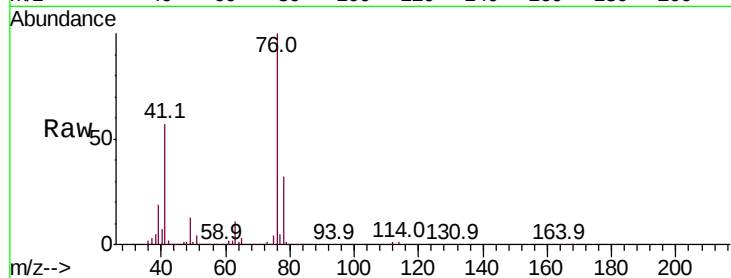
78 32.2 25.5 38.3

Manual Integrations

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MMDadoda

3/11/2019 12:02:39 PM



#58

2-Chloroethyl Vinyl ether

Concen: 263.170 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007958.D

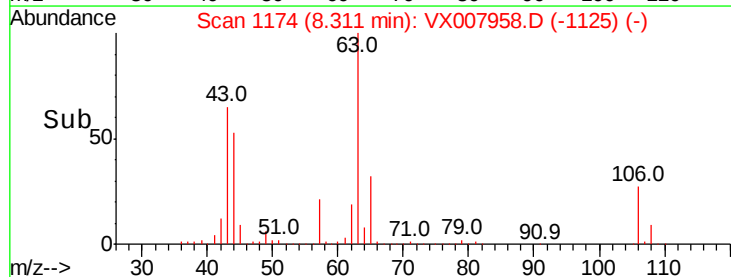
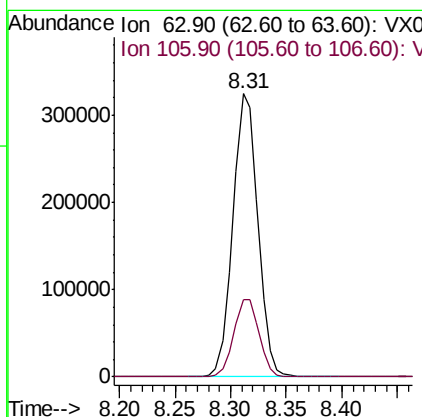
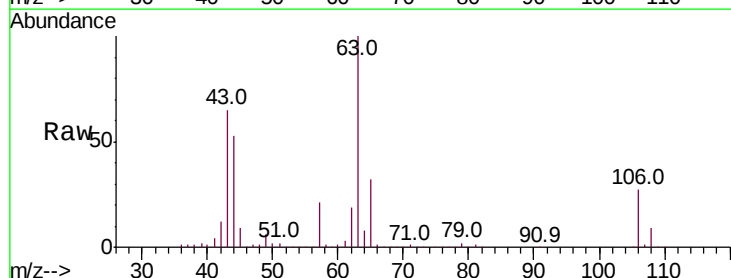
Acq: 09 Mar 2019 03:34

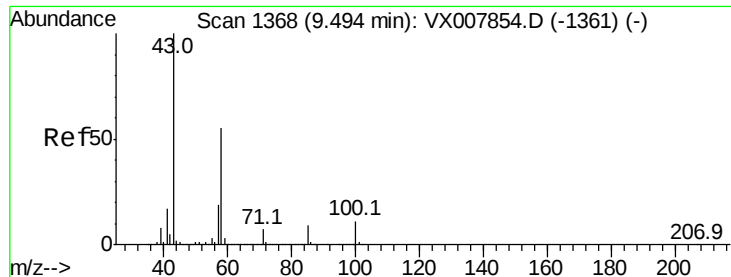
Tgt Ion: 63 Resp: 504807

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2





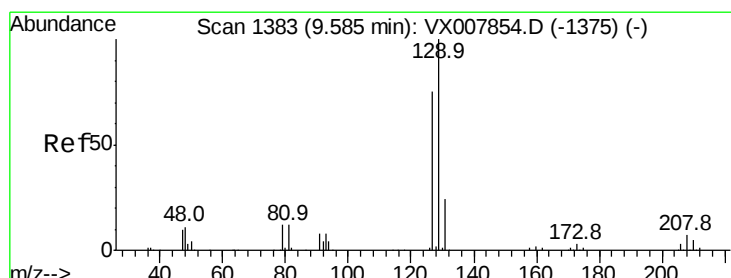
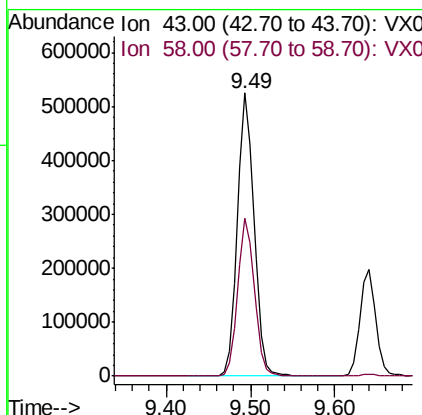
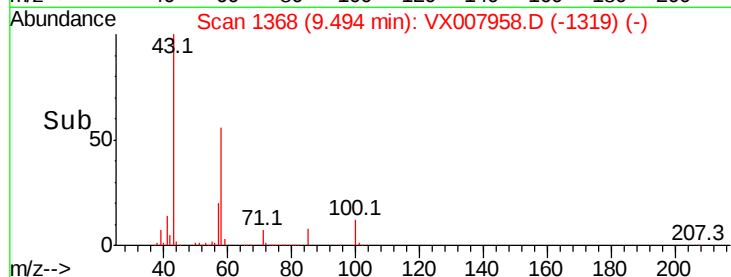
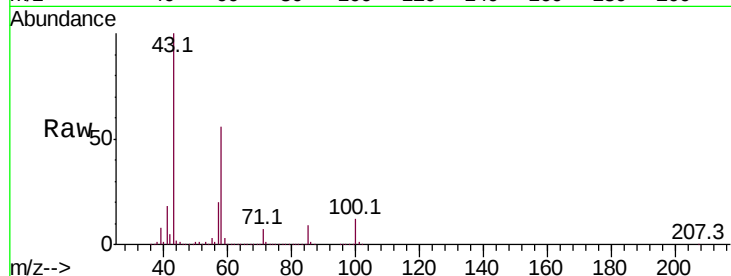
#59
2-Hexanone
Concen: 237.608 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 699389
Ion Ratio Lower Upper
43 100
58 55.6 27.6 82.7

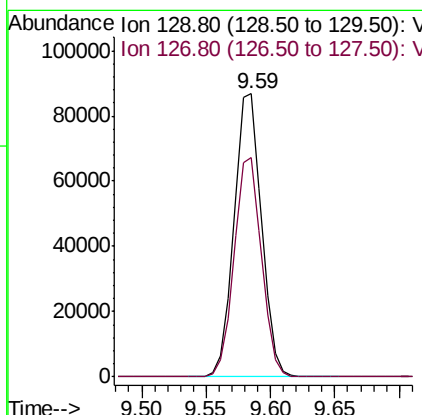
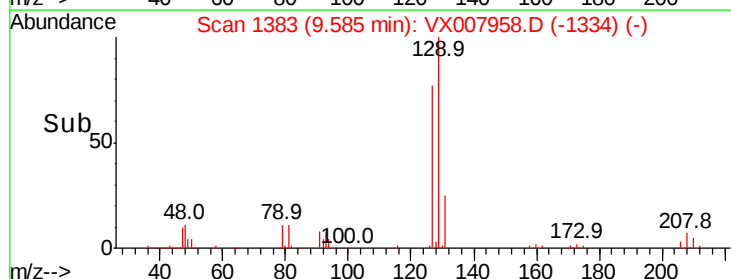
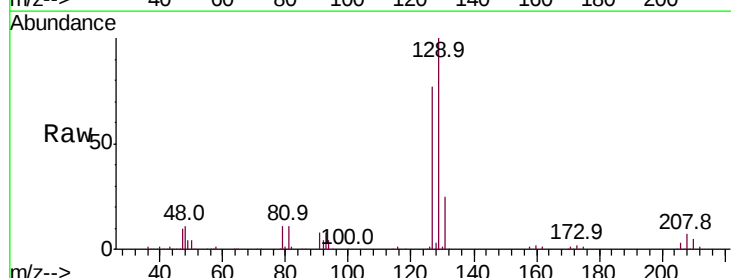
Manual Integrations
APPROVED

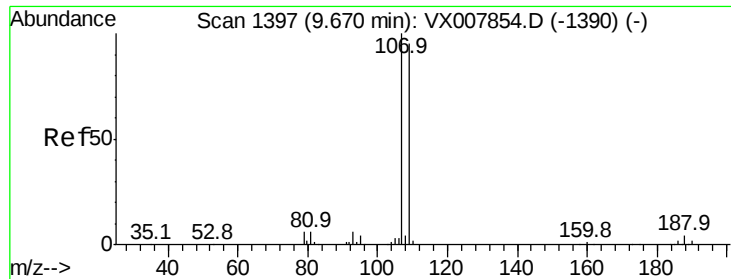
MMDadoda
3/11/2019 12:02:39 PM



#60
Dibromochloromethane
Concen: 49.865 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 129 Resp: 128725
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





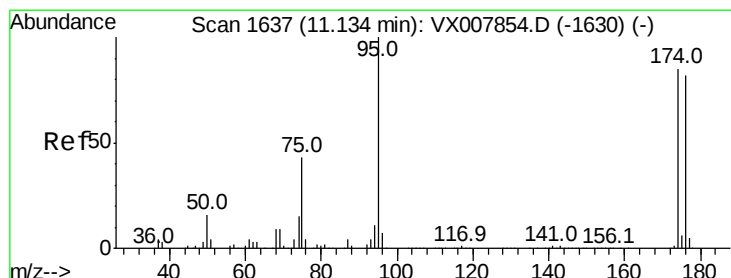
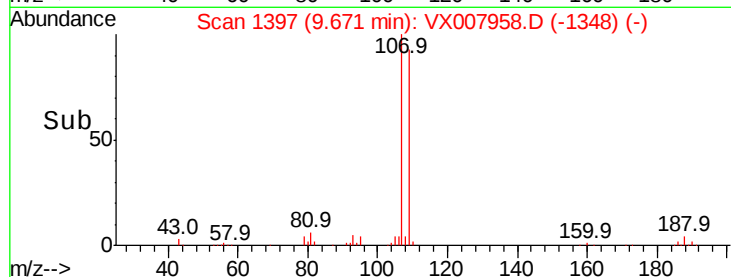
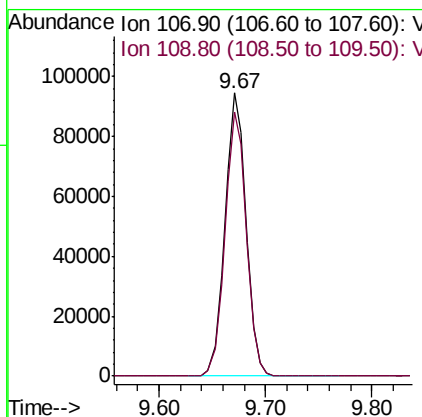
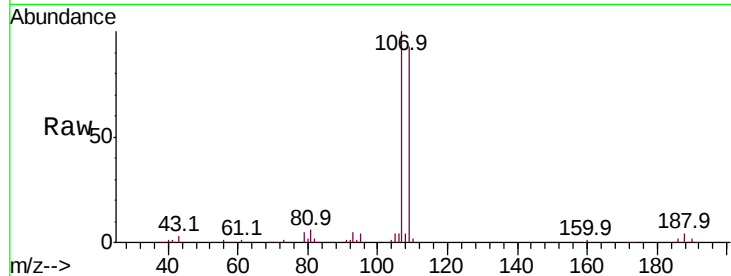
#61
 1,2-Dibromoethane
 Concen: 50.001 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.8	113.8

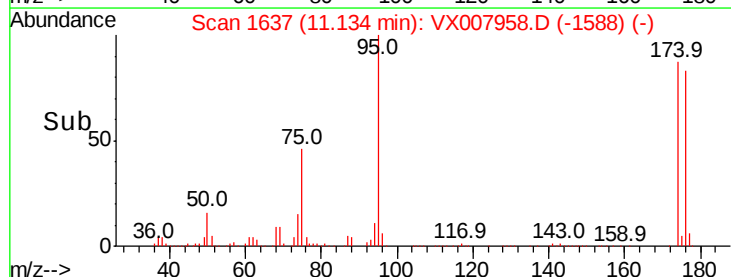
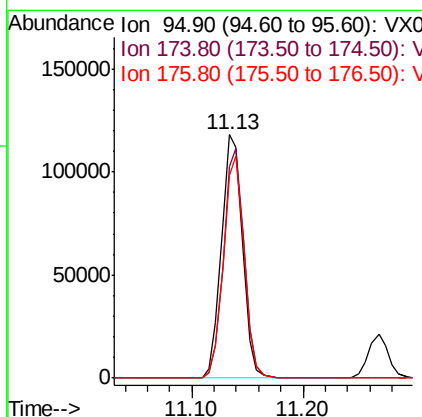
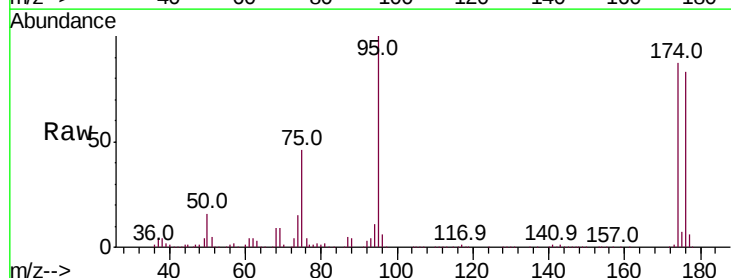
Manual Integrations
 APPROVED

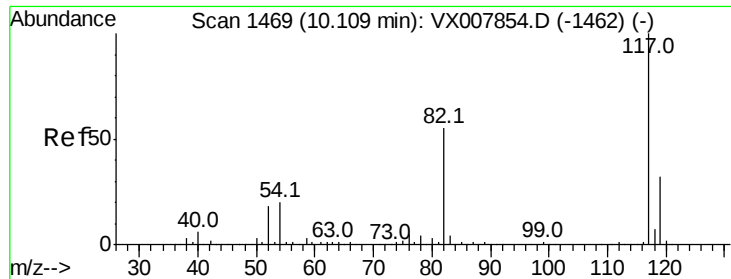
MMDadoda
 3/11/2019 12:02:39 PM



#62
 4-Bromofluorobenzene
 Concen: 50.666 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	182.8
176	89.2	0.0	178.0





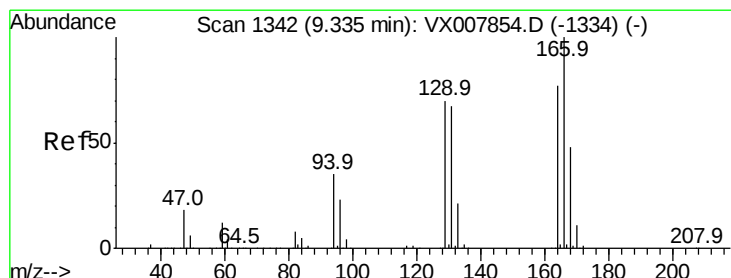
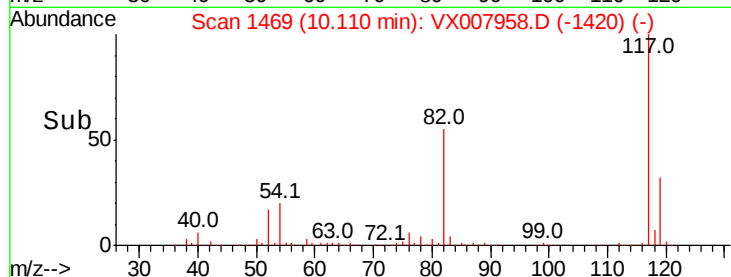
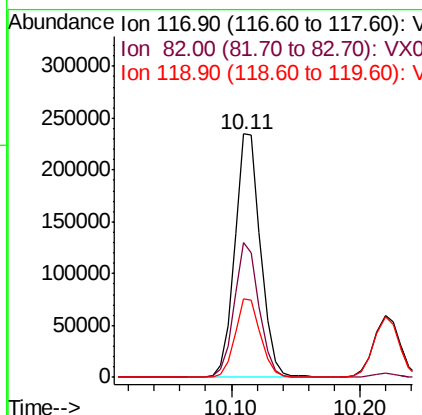
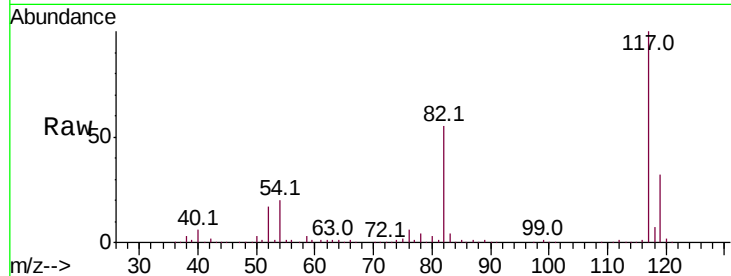
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	32.1	25.3	37.9

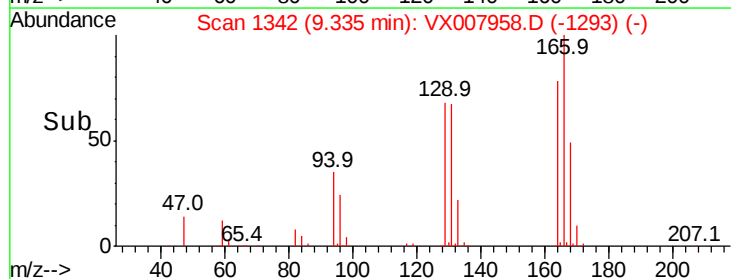
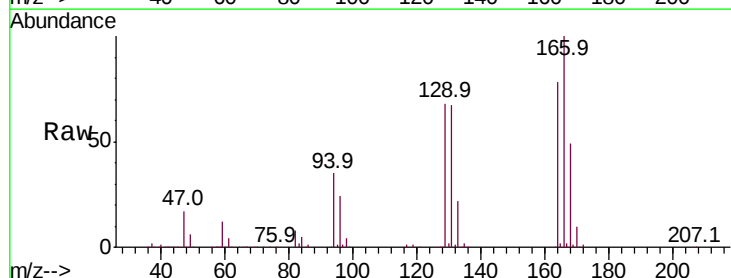
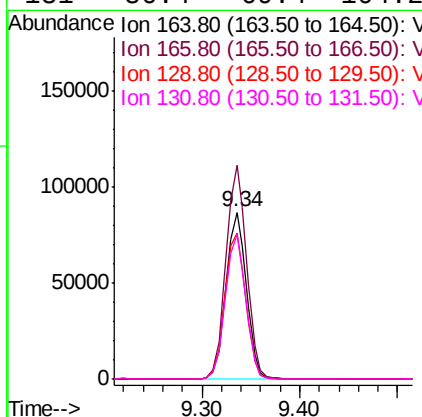
Manual Integrations
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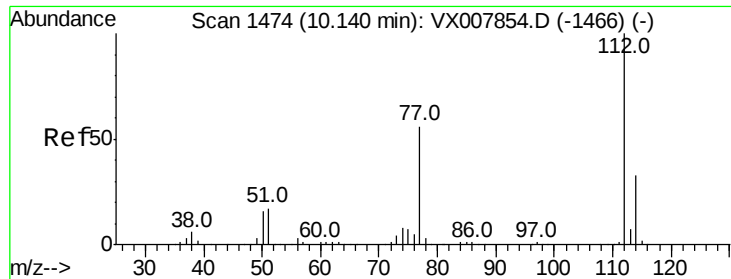
MMDadoda
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#64
Tetrachloroethene
Concen: 46.687 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.4	155.0
129	87.4	72.2	108.4
131	86.4	69.4	104.2





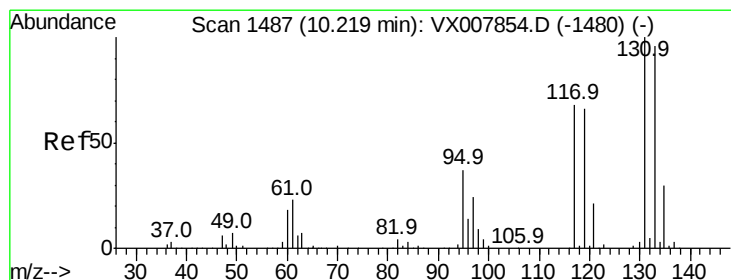
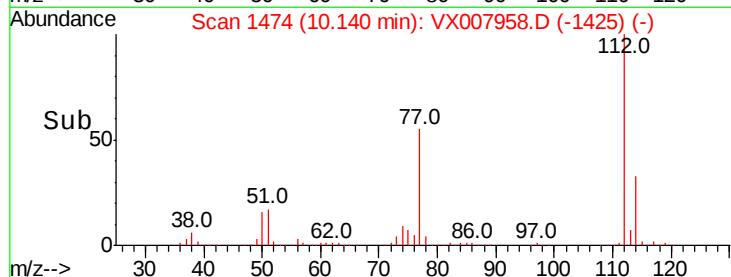
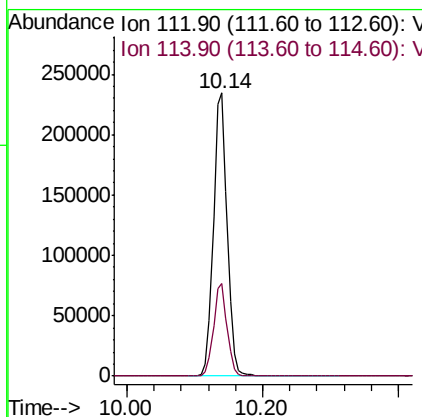
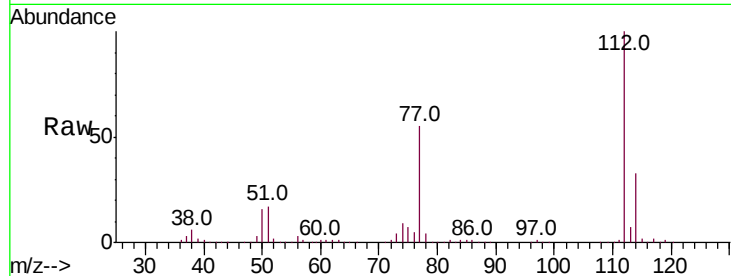
#65
Chlorobenzene
Concen: 48.169 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 328131
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0

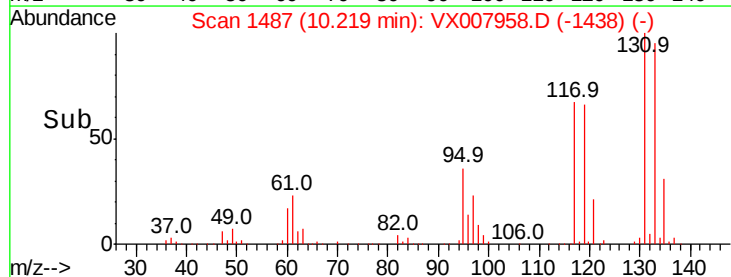
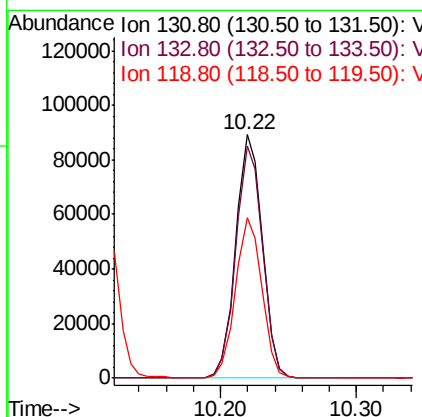
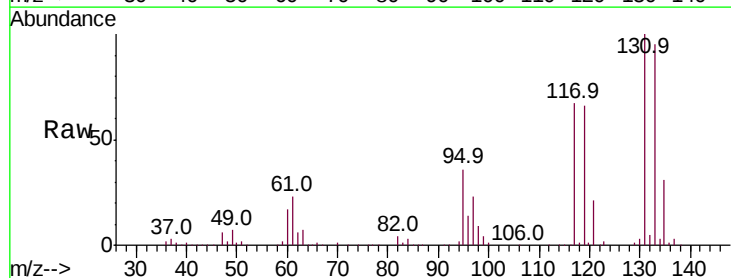
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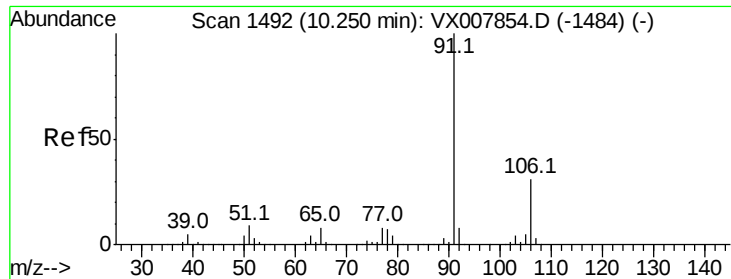
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.585 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion:131 Resp: 121058
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 65.7 32.5 97.5





#67

Ethyl Benzene

Concen: 49.712 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 557435

Ion Ratio Lower Upper

91 100

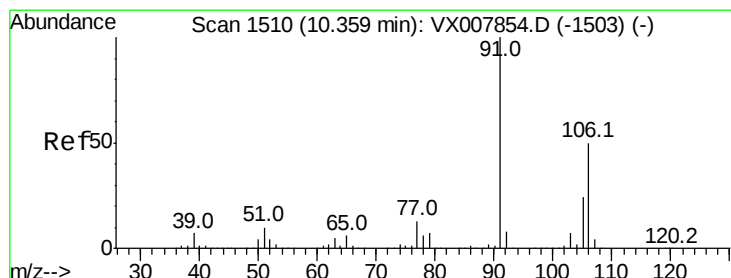
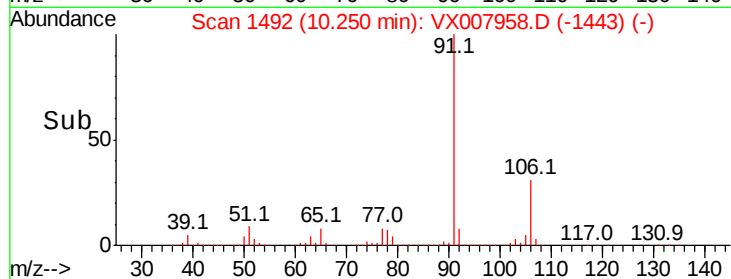
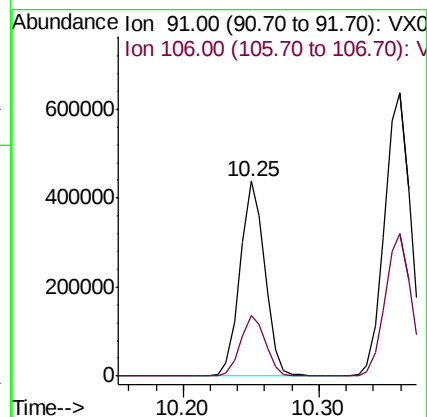
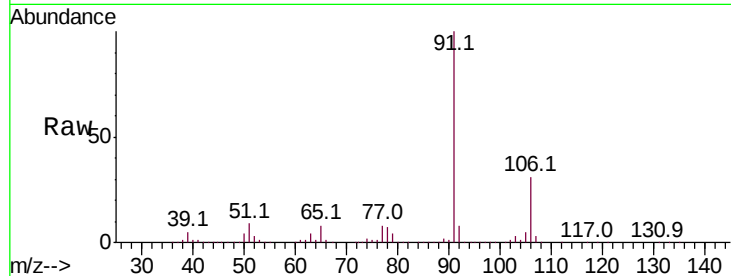
106 31.4 25.2 37.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 98.558 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007958.D

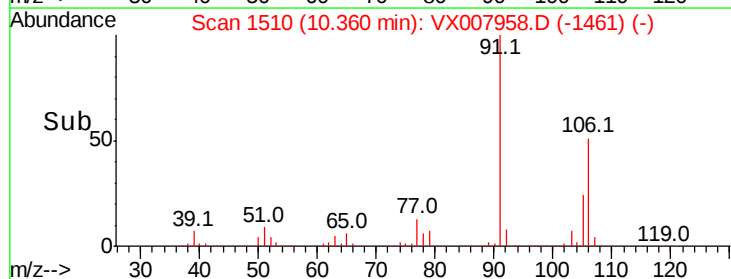
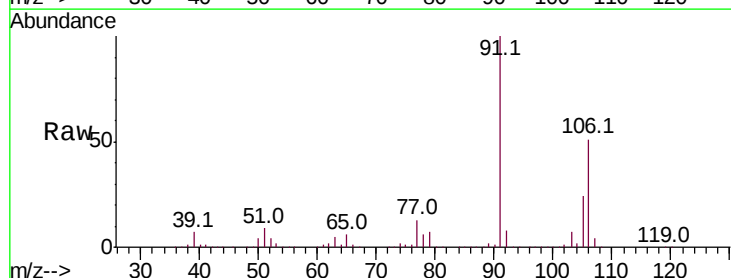
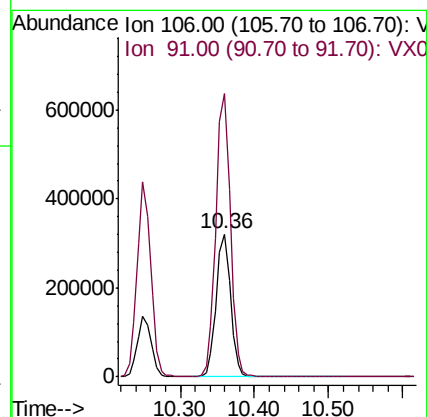
Acq: 09 Mar 2019 03:34

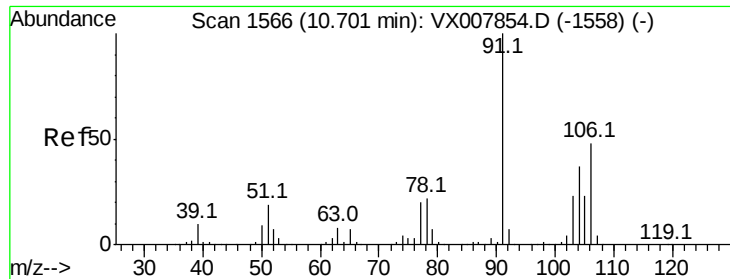
Tgt Ion: 106 Resp: 425990

Ion Ratio Lower Upper

106 100

91 200.9 159.8 239.6





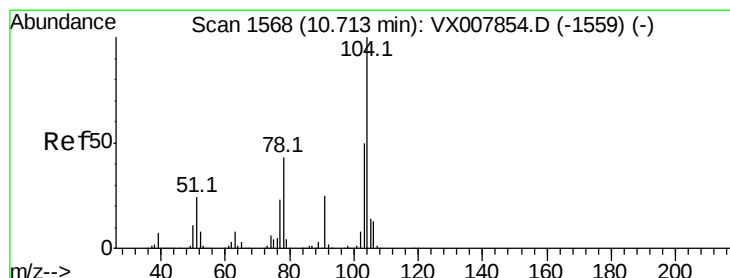
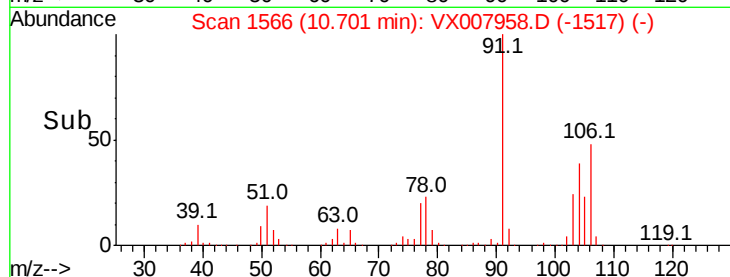
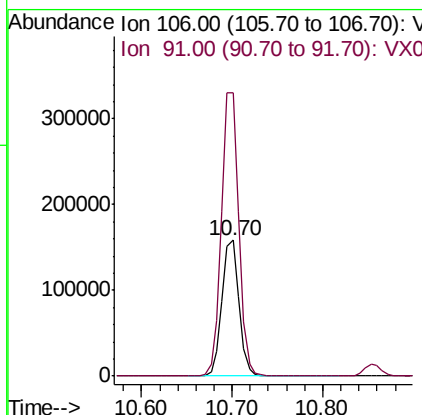
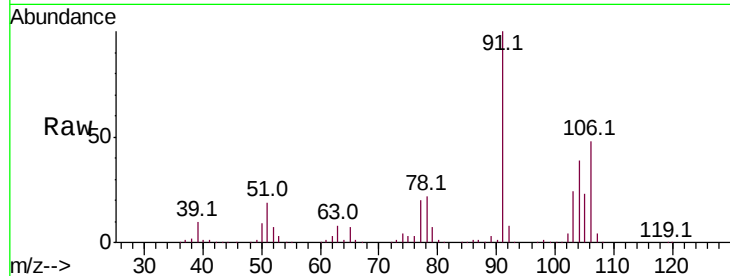
#69
o-Xylene
Concen: 49.807 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 207835
Ion Ratio Lower Upper
106 100
91 213.1 106.3 318.9

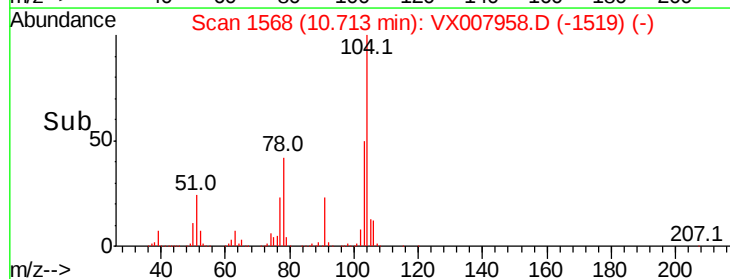
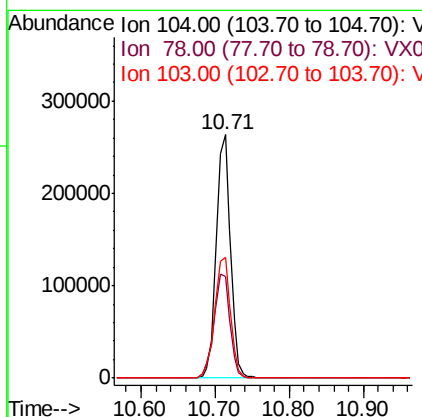
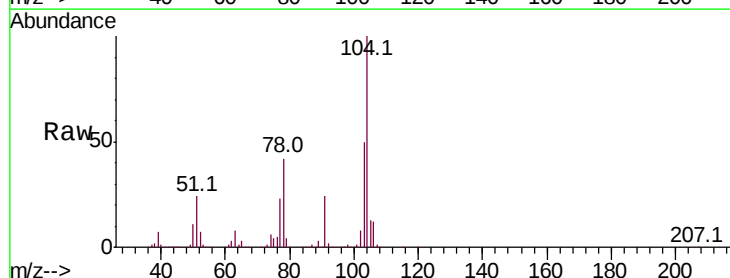
Manual Integrations
APPROVED

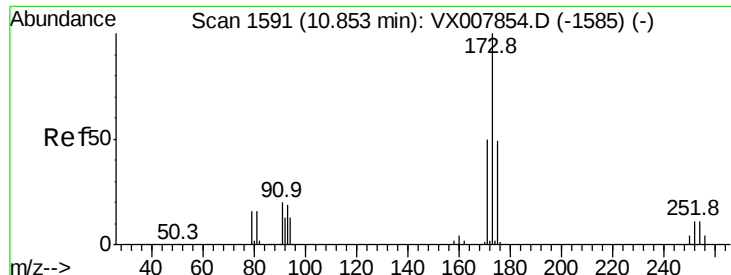
MMDadoda
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#70
Styrene
Concen: 50.370 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion:104 Resp: 343943
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.2 44.1 66.1





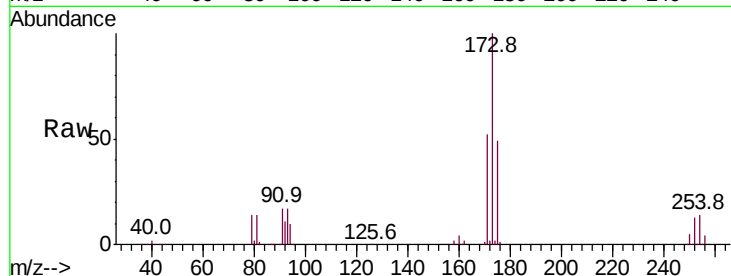
#71
Bromoform
Concen: 48.082 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.9
254	0.1	0.1	0.1

Manual Integrations
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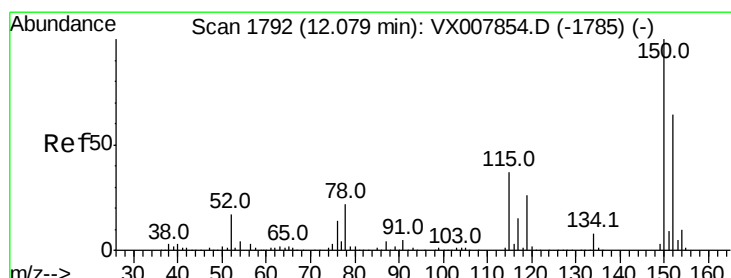
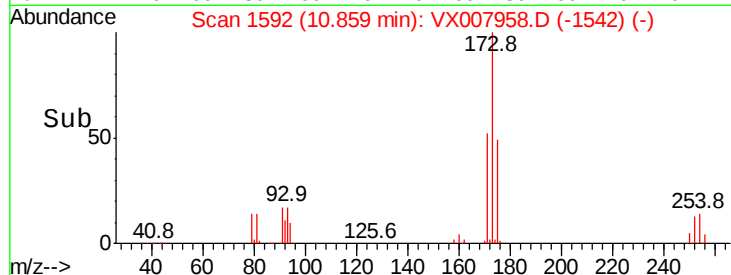
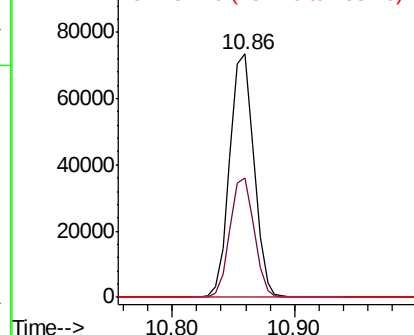


Abundance

Ion 172.70 (172.40 to 173.40): V

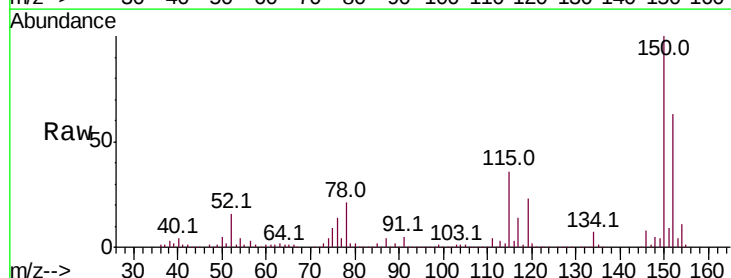
Ion 174.70 (174.40 to 175.40): V

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: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.5	38.6	115.7
150	173.2	0.0	348.4

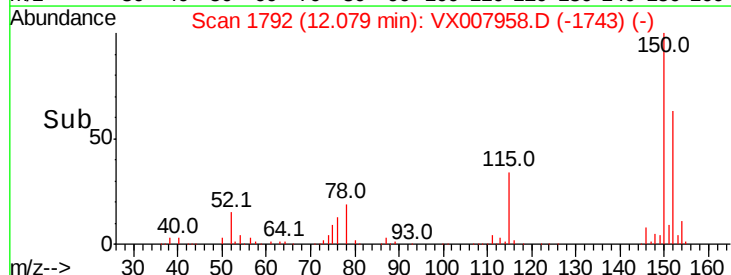
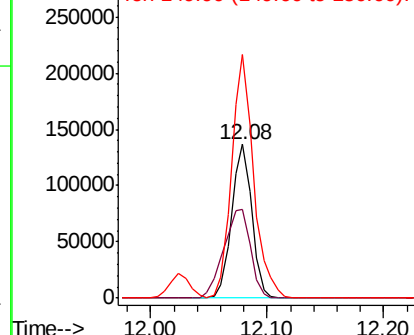


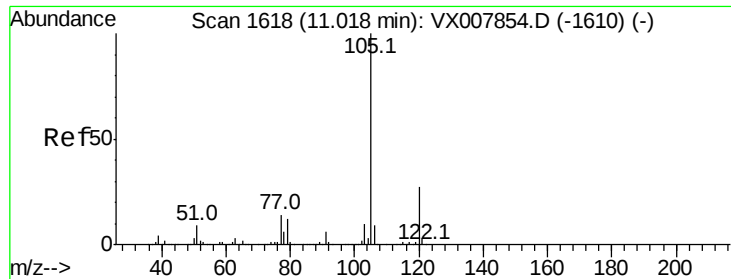
Abundance

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: 50.170 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 553905

Ion Ratio Lower Upper

105 100

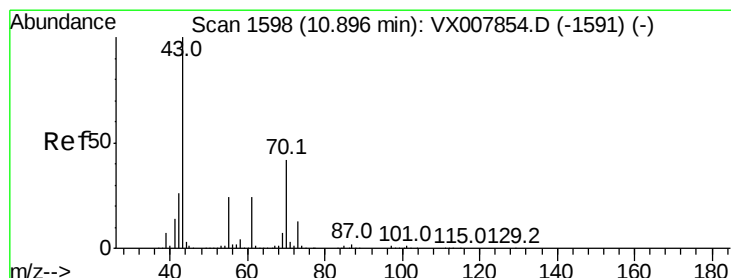
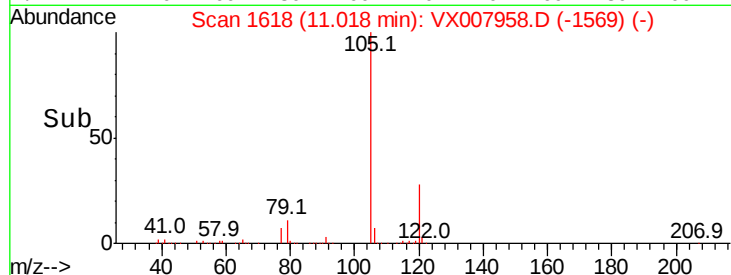
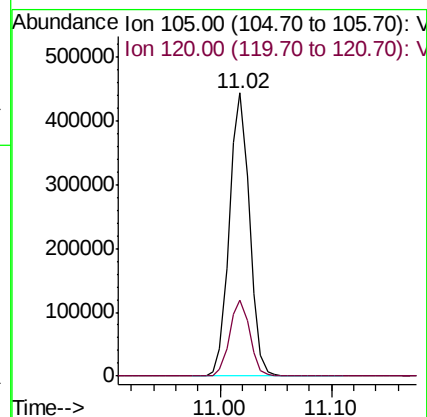
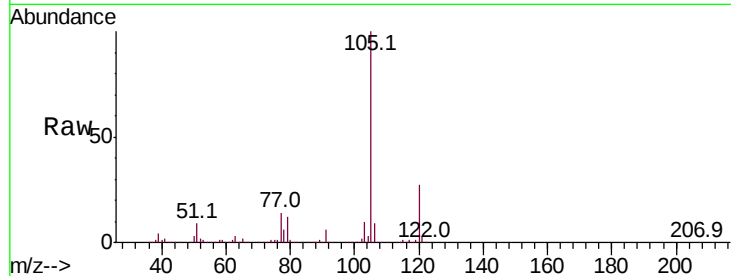
120 26.7 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.212 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion: 43 Resp: 248040

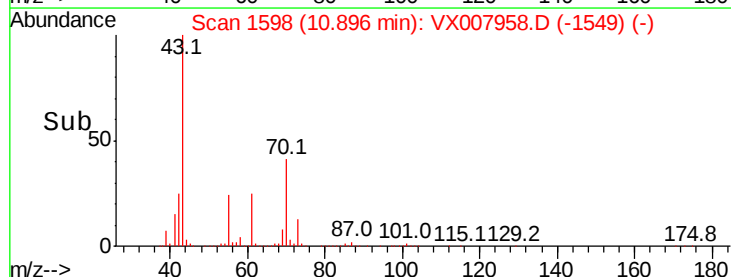
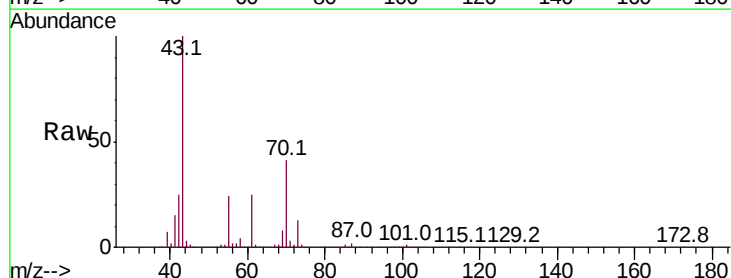
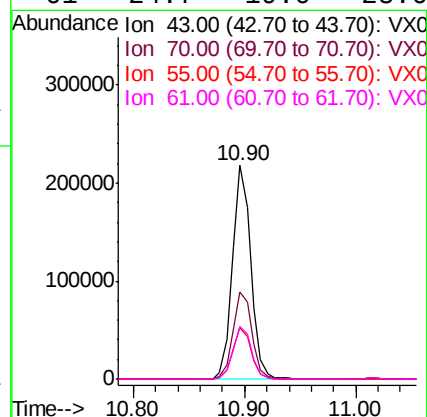
Ion Ratio Lower Upper

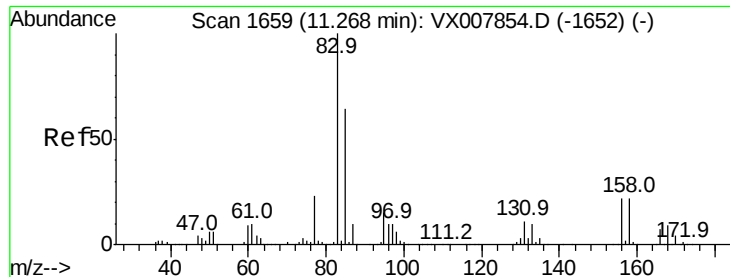
43 100

70 42.4 33.5 50.3

55 24.7 19.2 28.8

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.817 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

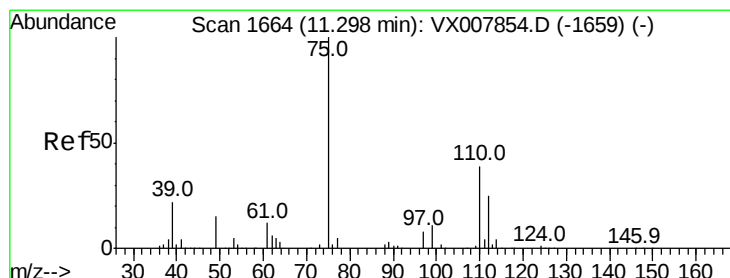
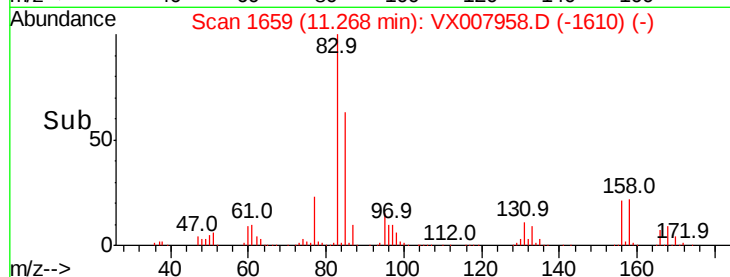
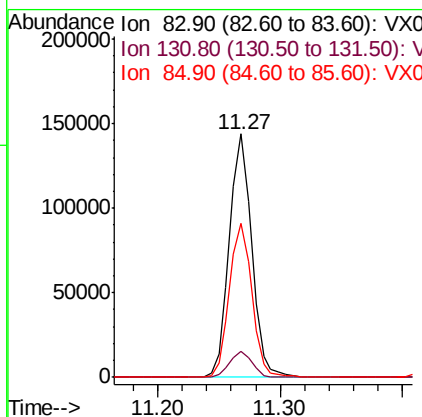
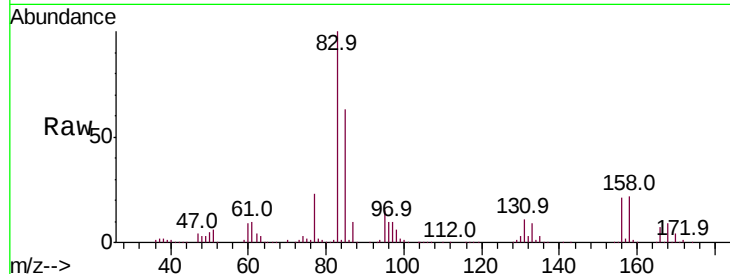
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	182101
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.4	16.2
85	64.2	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.413 ug/l m

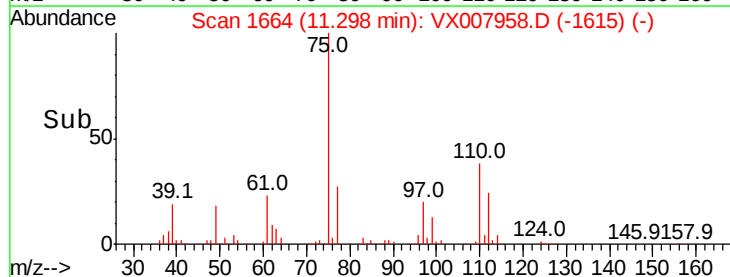
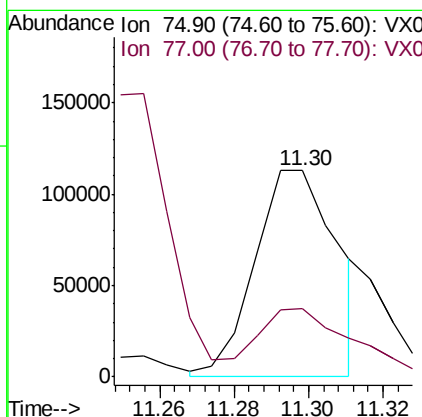
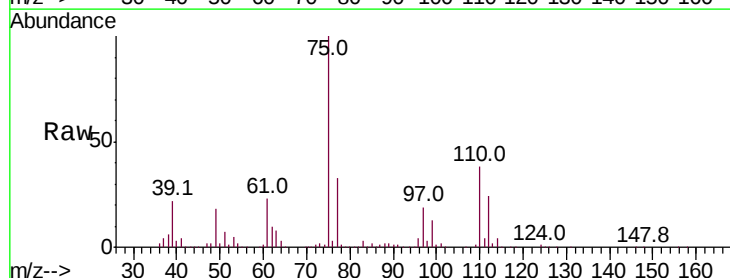
RT: 11.30 min Scan# 1664

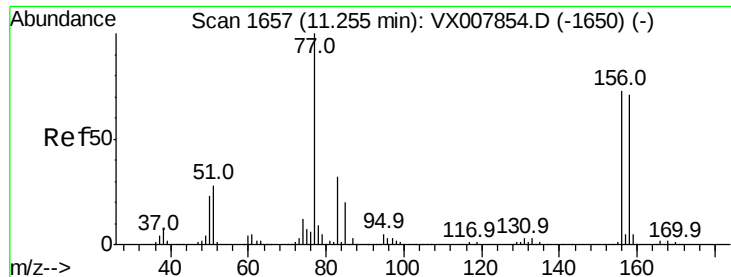
Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion:	75	Resp:	172693
Ion	Ratio	Lower	Upper
75	100		
77	39.4	18.9	56.7





#77

Bromobenzene

Concen: 48.372 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 146418

Ion Ratio Lower Upper

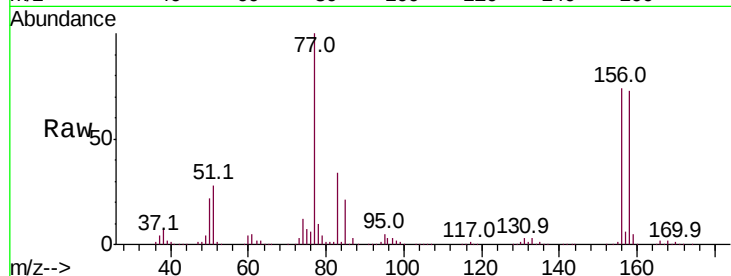
156 100

77 143.3 72.0 215.9

158 97.6 48.6 145.9

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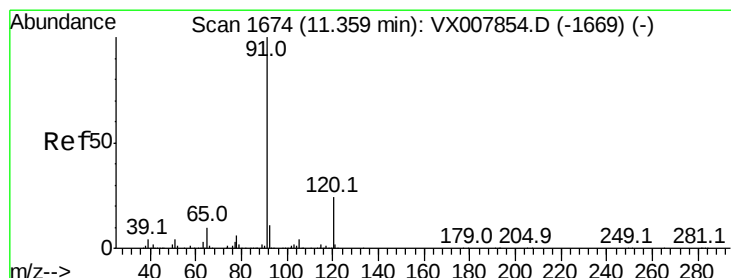
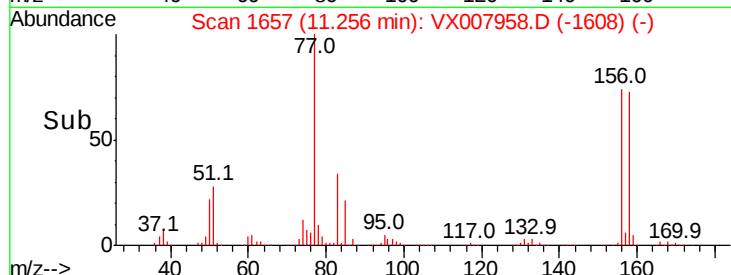
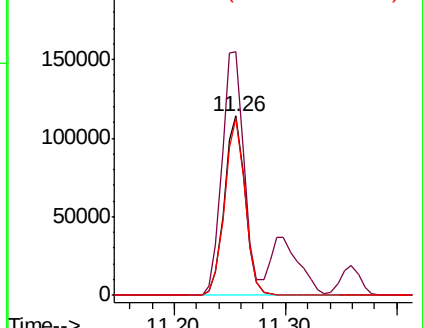
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.097 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007958.D

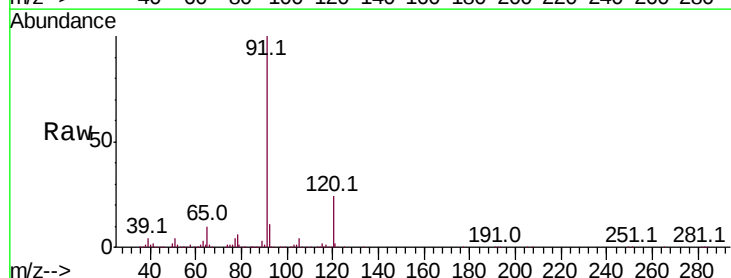
Acq: 09 Mar 2019 03:34

Tgt Ion: 91 Resp: 613595

Ion Ratio Lower Upper

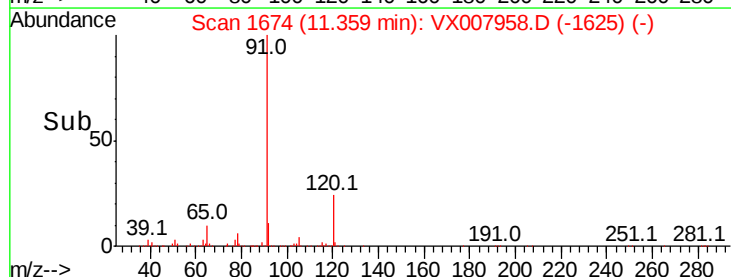
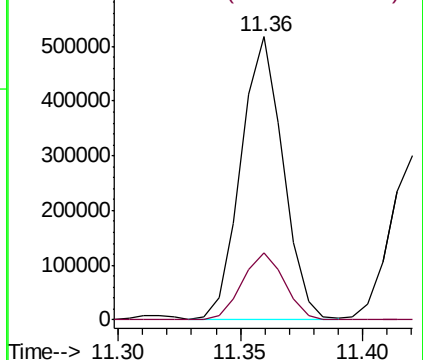
91 100

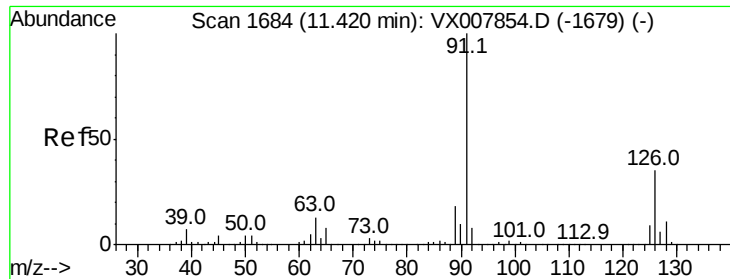
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





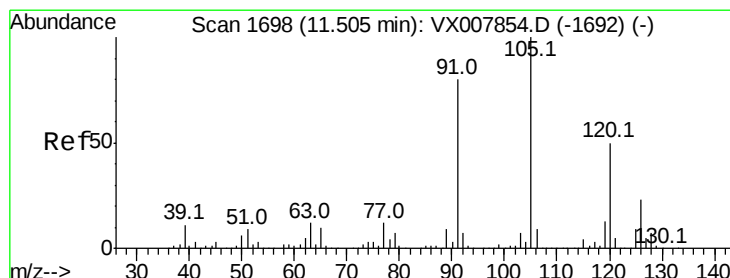
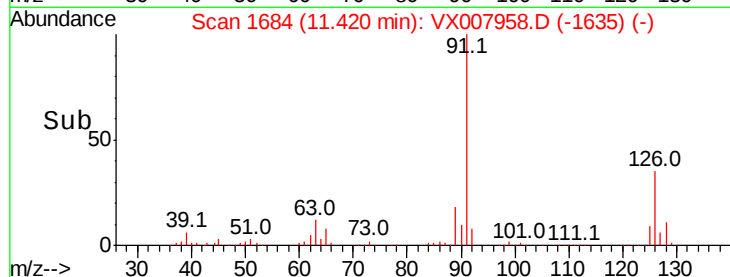
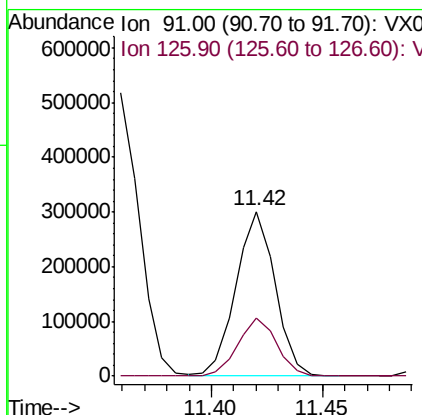
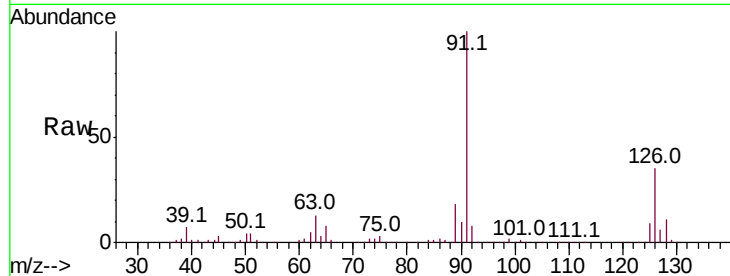
#79
2-Chlorotoluene
Concen: 48.978 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 366786
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.6

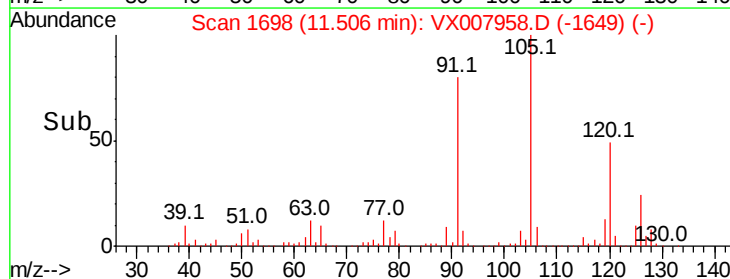
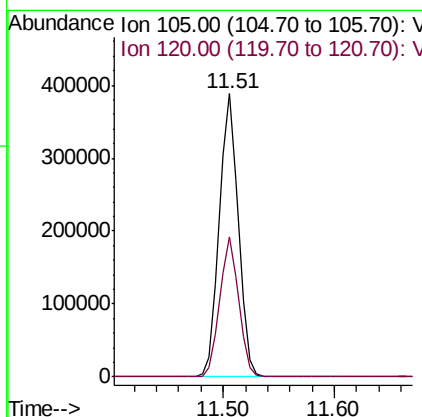
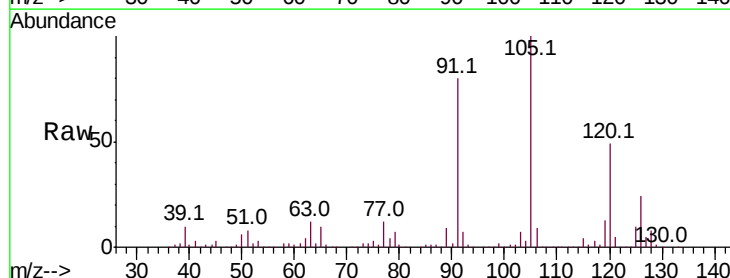
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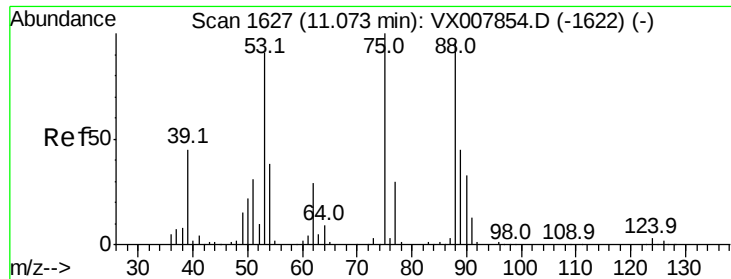
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#80
1,3,5-Trimethylbenzene
Concen: 50.432 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion: 105 Resp: 458270
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.888 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 50248

Ion Ratio Lower Upper

75 100

53 96.5 76.1 114.1

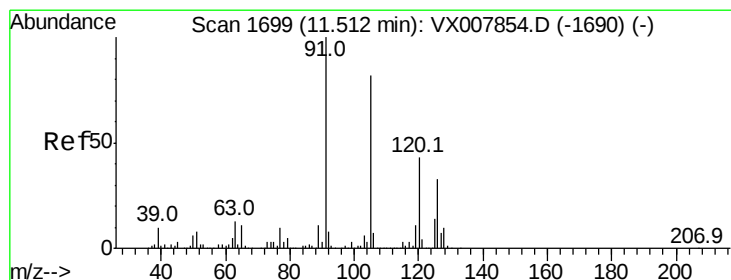
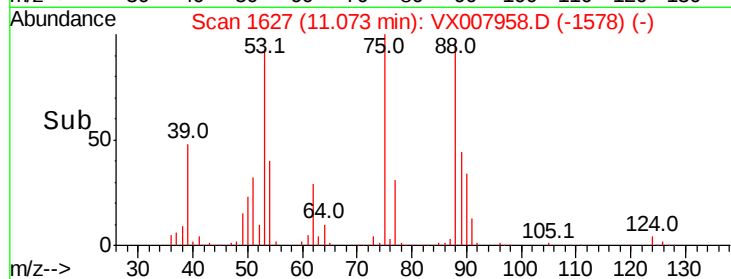
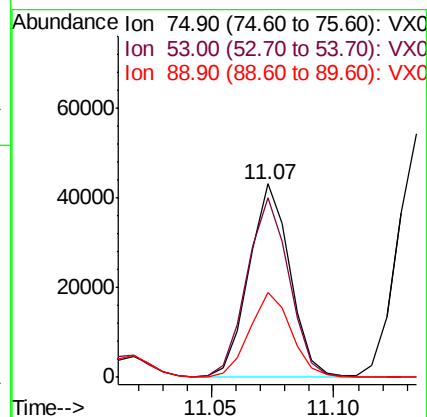
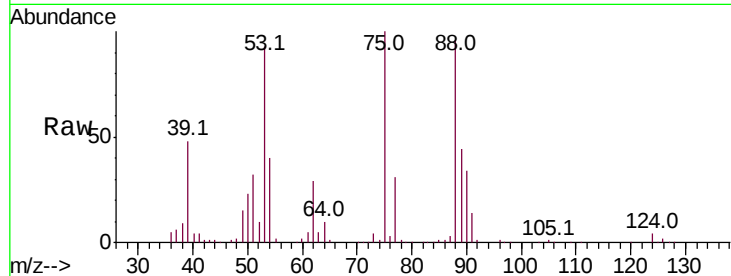
89 44.9 36.3 54.5

Manual Integrations

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#82

4-Chlorotoluene

Concen: 48.966 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007958.D

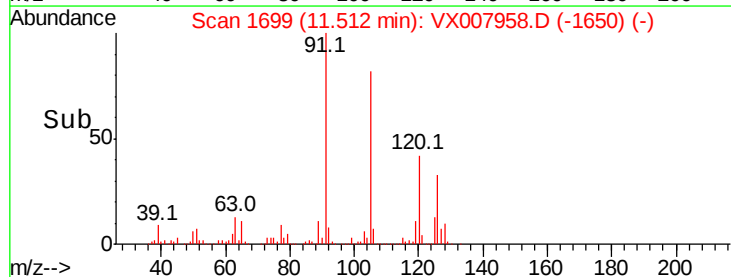
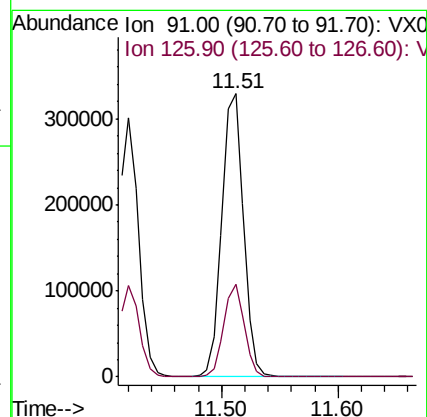
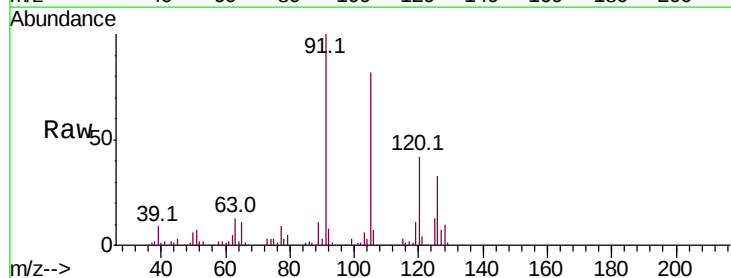
Acq: 09 Mar 2019 03:34

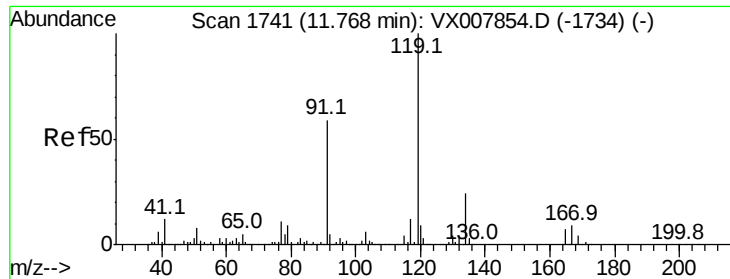
Tgt Ion: 91 Resp: 420235

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8





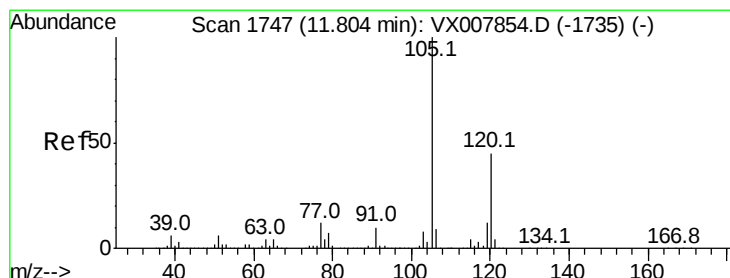
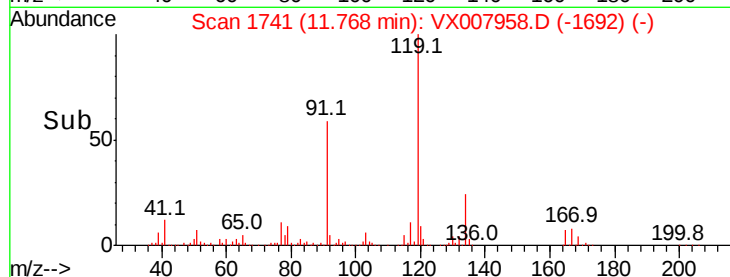
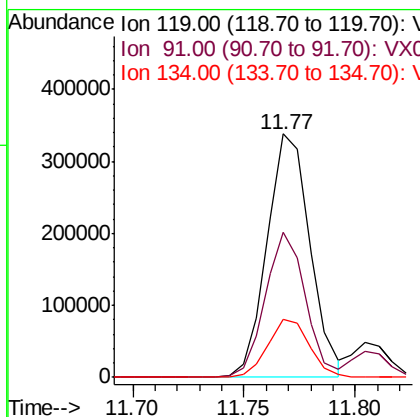
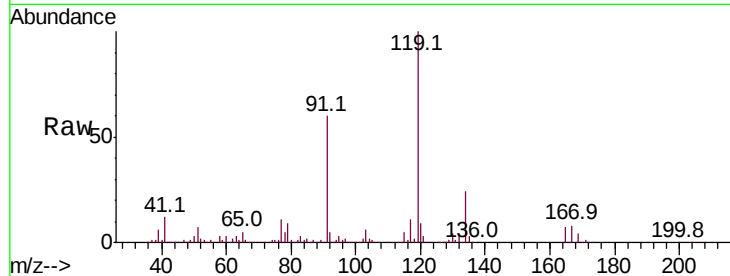
#83
tert-Butylbenzene
Concen: 49.507 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.6	27.1	81.3
134	23.2	11.4	34.1

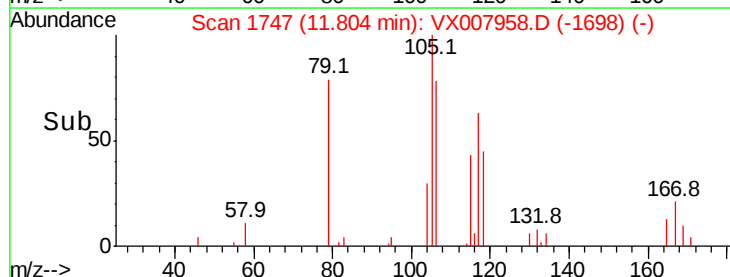
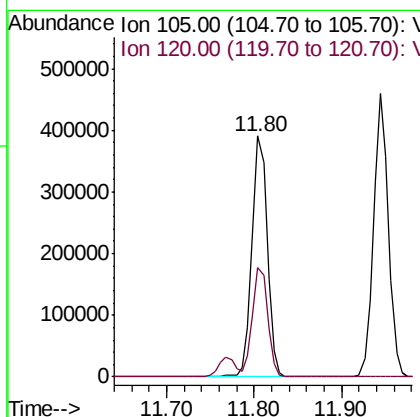
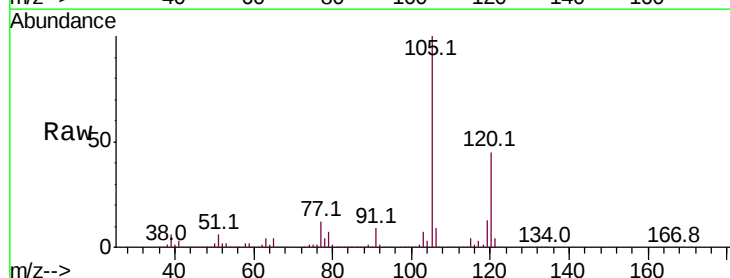
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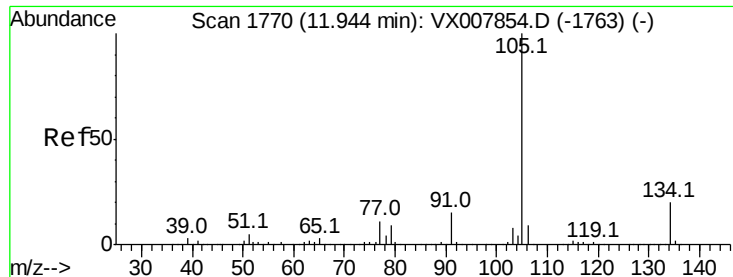
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#84
1,2,4-Trimethylbenzene
Concen: 50.617 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 50.653 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 546056

Ion Ratio Lower Upper

105 100

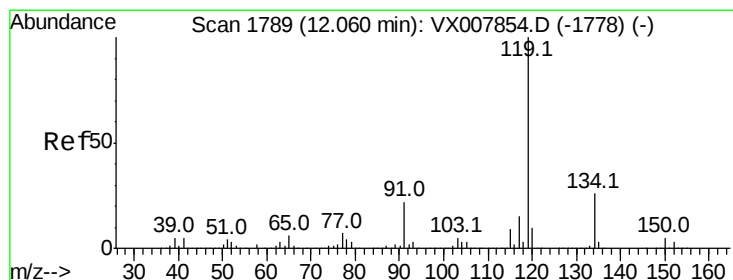
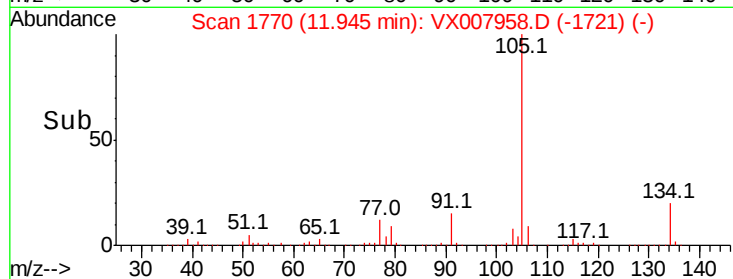
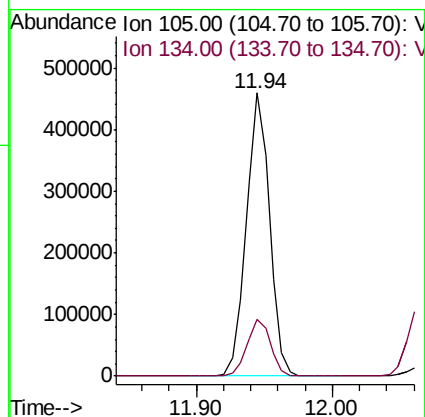
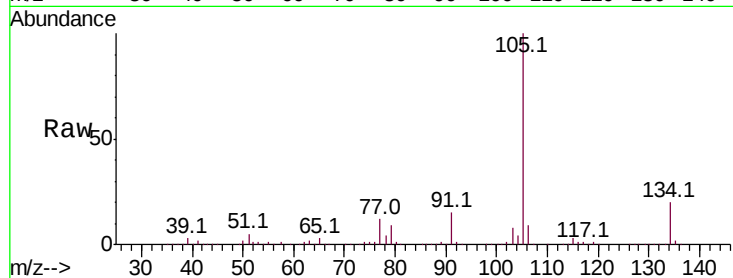
134 20.5 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 50.817 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

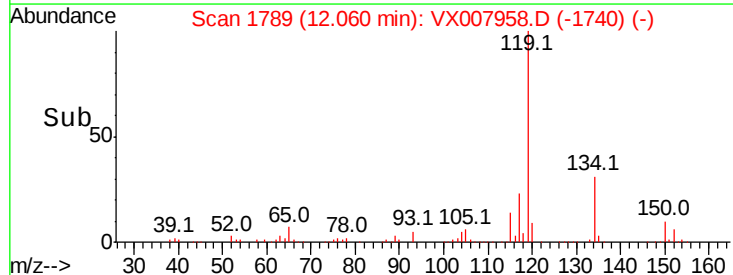
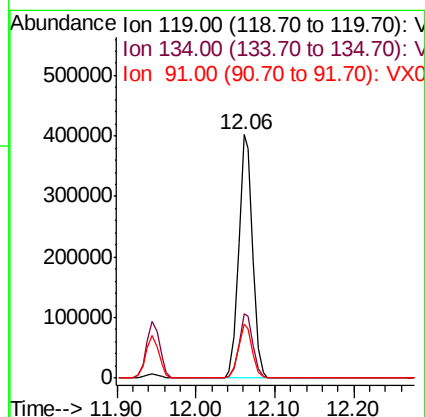
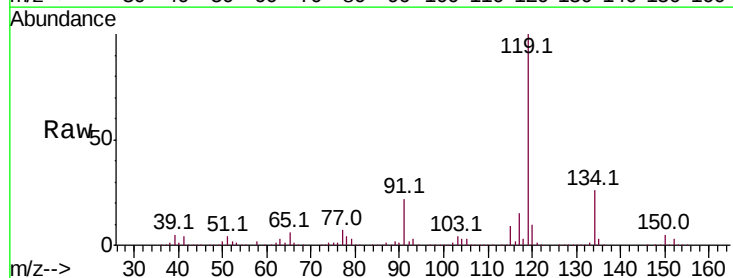
Tgt Ion:119 Resp: 490609

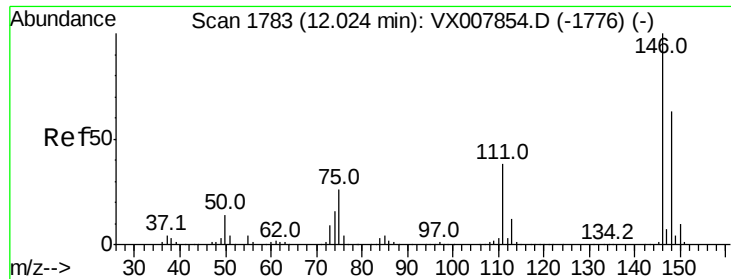
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 21.9 10.9 32.7





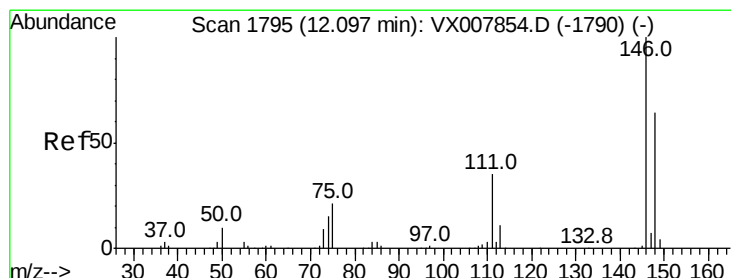
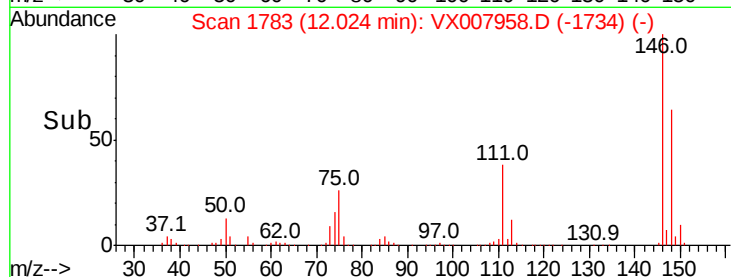
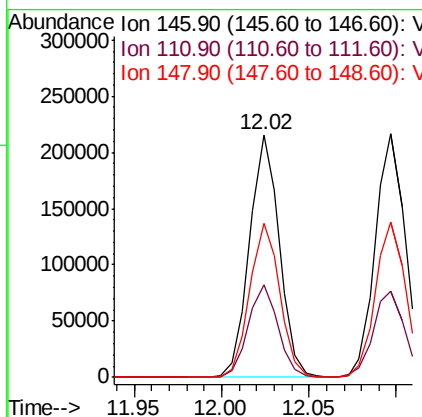
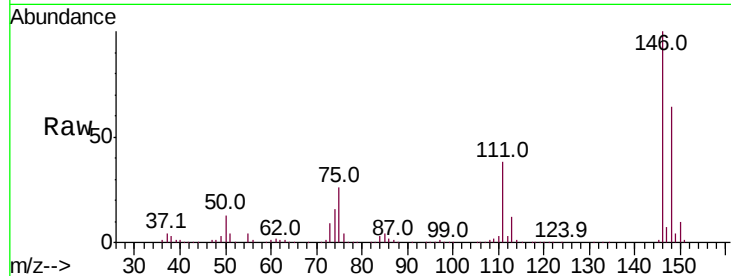
#87
 1,3-Dichlorobenzene
 Concen: 48.045 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	64.1	31.7	95.1

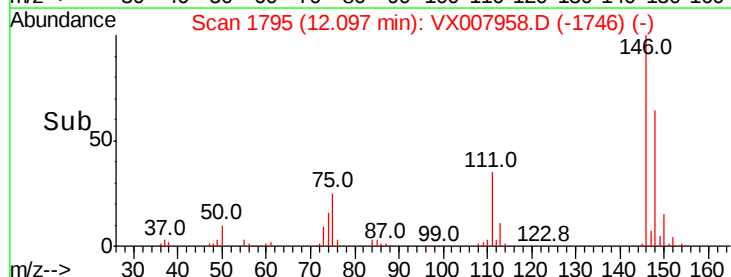
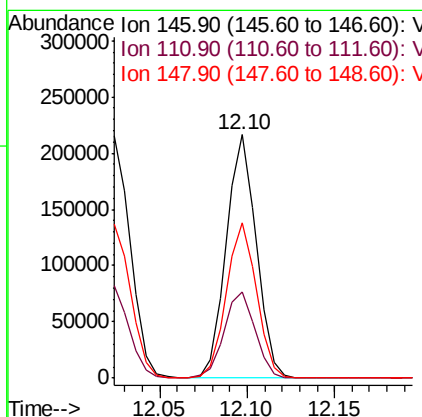
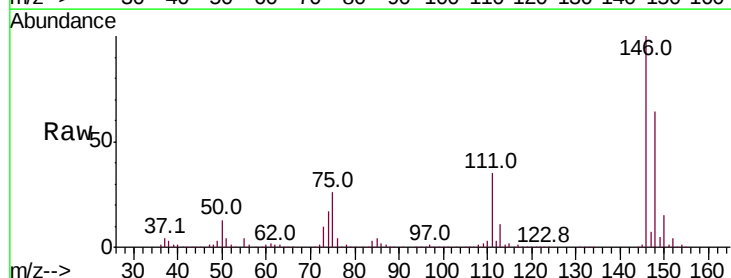
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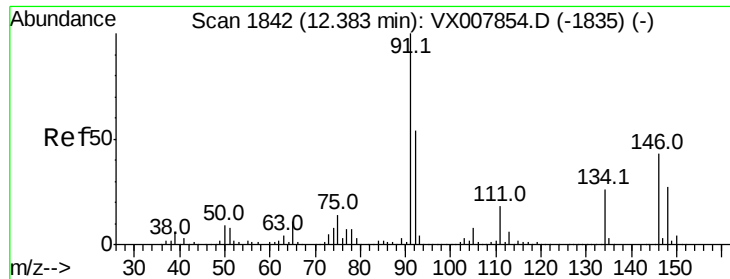
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#88
 1,4-Dichlorobenzene
 Concen: 47.138 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	64.3	32.2	96.6





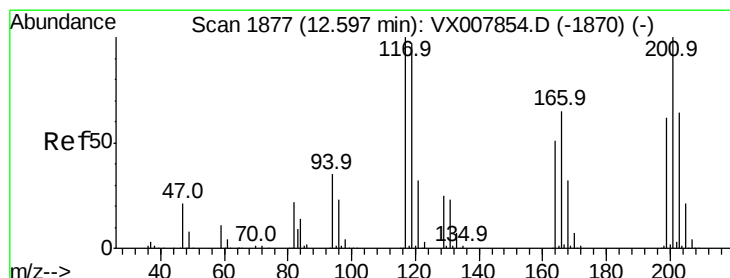
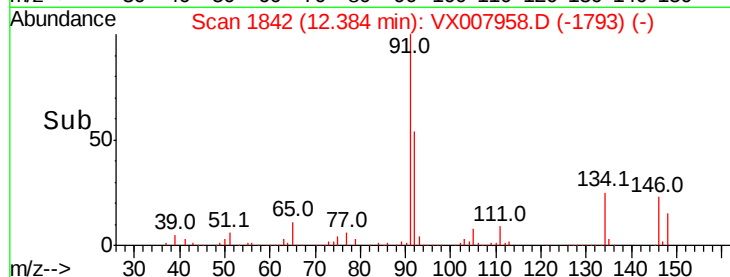
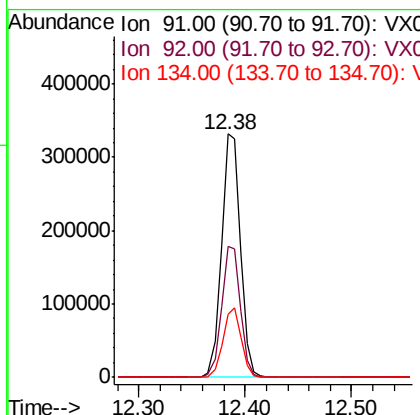
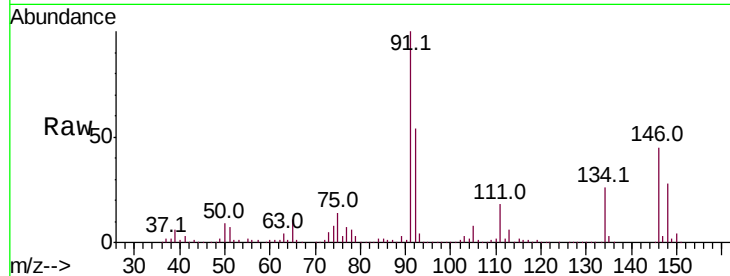
#89
n-Butylbenzene
Concen: 50.140 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	80.8
134	27.6	13.7	41.0

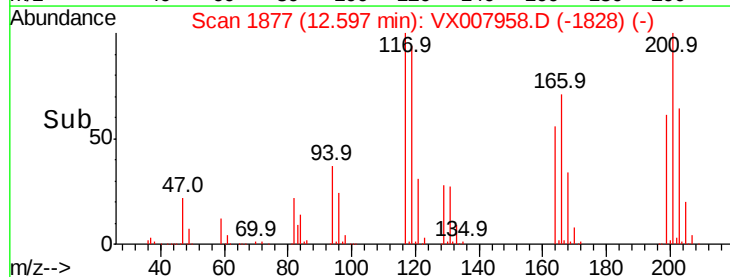
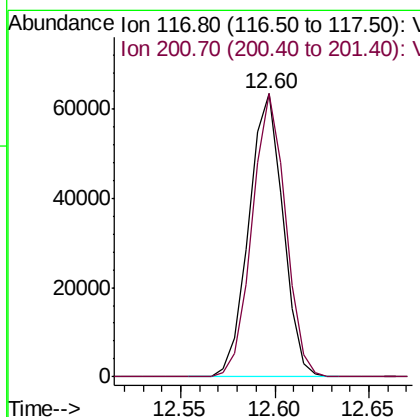
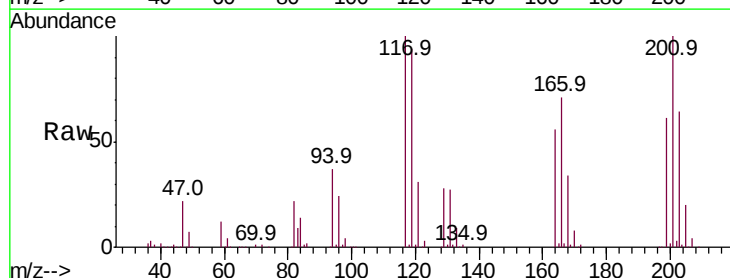
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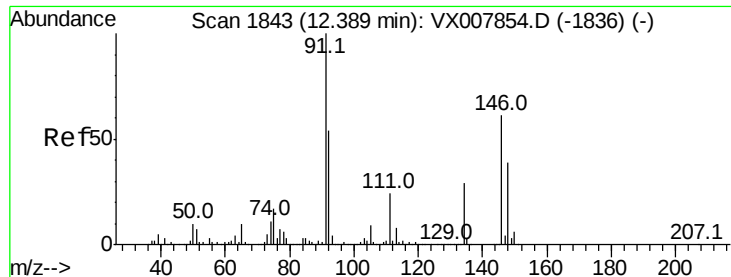
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#90
Hexachloroethane
Concen: 49.276 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007958.D
Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.0	48.9	146.7





#91

1,2-Dichlorobenzene

Concen: 48.470 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

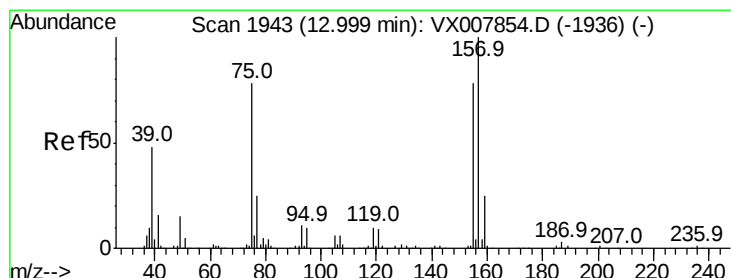
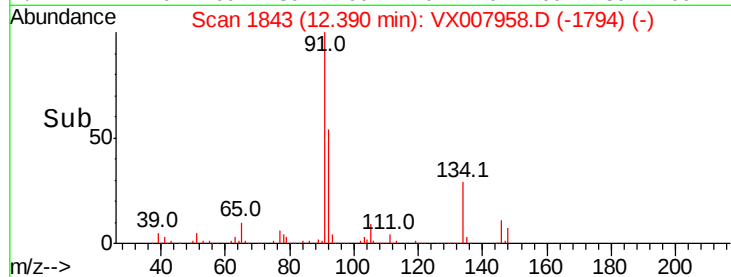
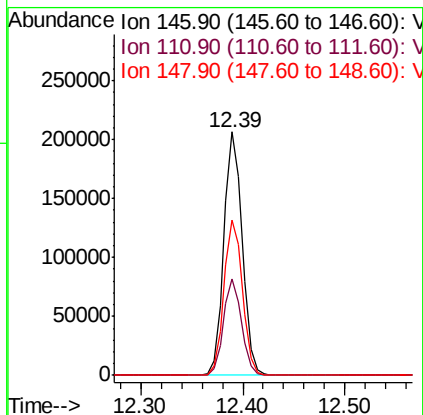
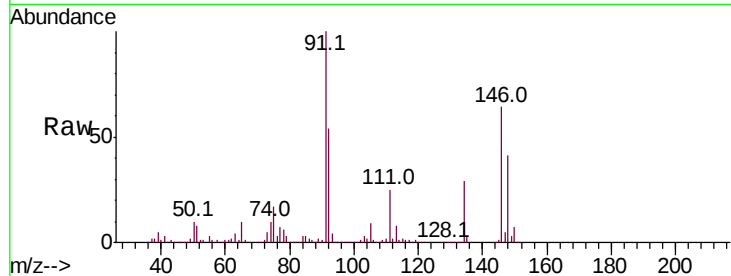
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	257851
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.6	58.8
148	64.2	31.9	95.5

Manual Integrations
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3/11/2019 12:02:39 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.983 ug/l

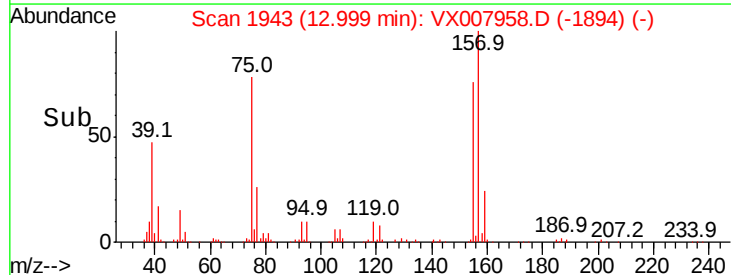
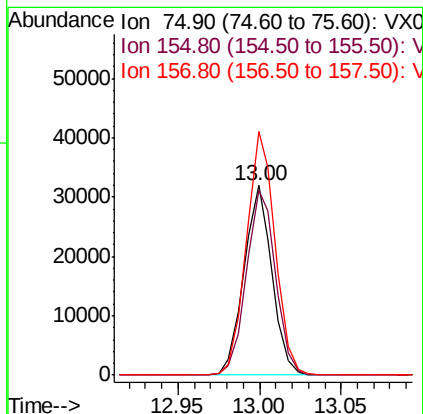
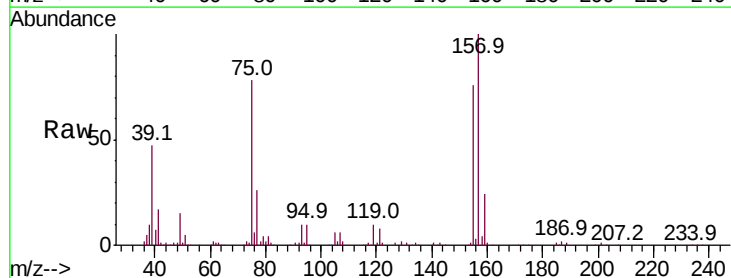
RT: 13.00 min Scan# 1943

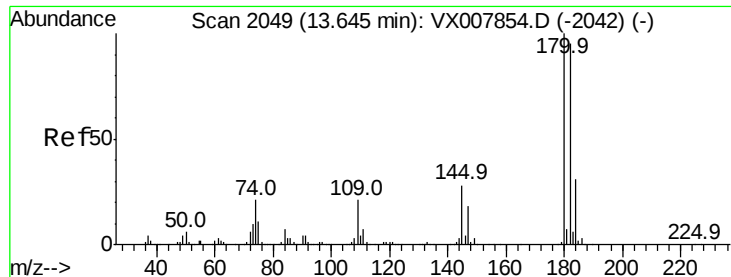
Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion:	75	Resp:	38190
Ion Ratio	Lower	Upper	
75	100		
155	101.7	49.7	149.1
157	131.5	63.8	191.4





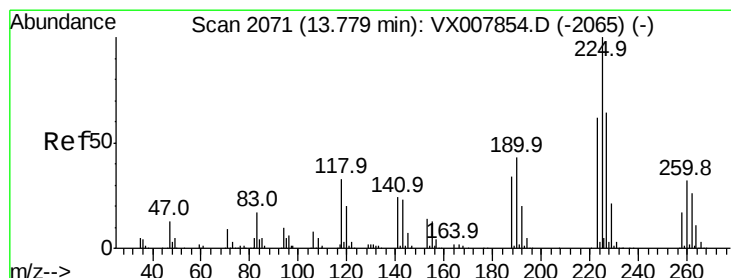
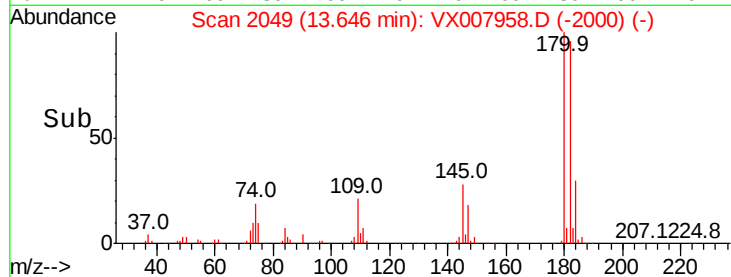
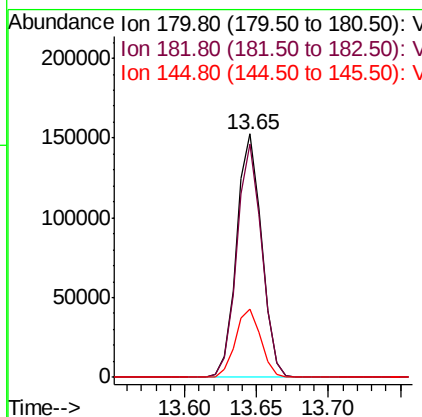
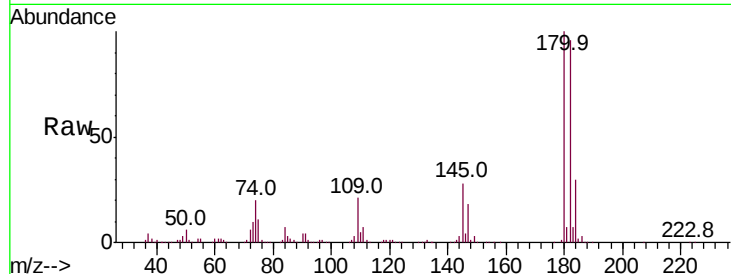
#93
 1,2,4-Trichlorobenzene
 Concen: 49.475 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.9	143.7	
145	28.4	14.1	42.4	

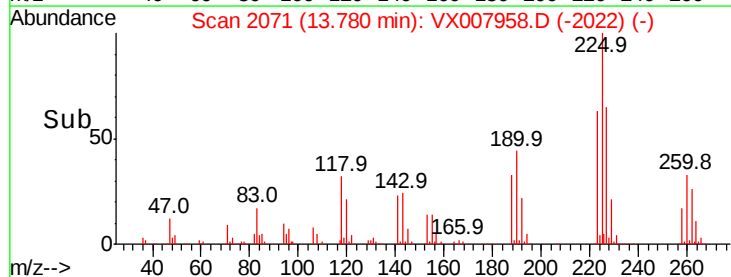
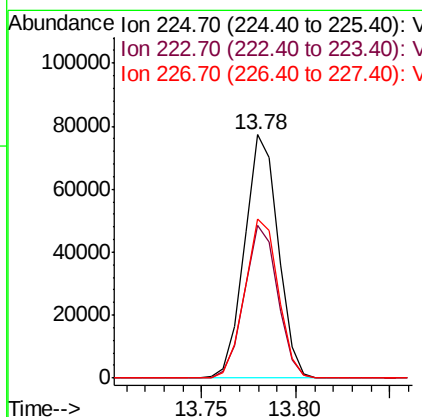
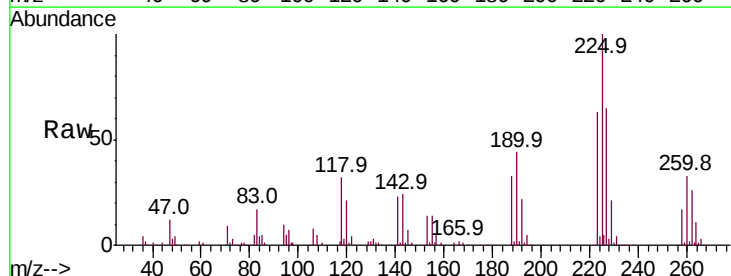
Manual Integrations
 APPROVED

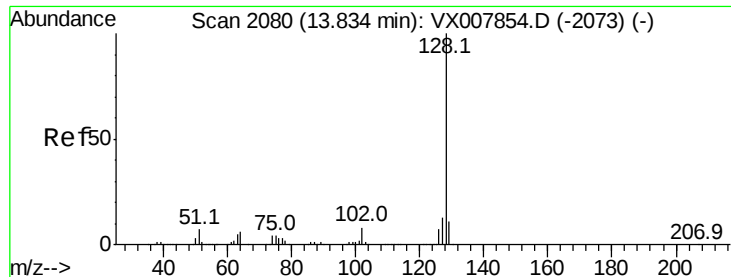
MMDadoda
 3/11/2019 12:02:39 PM



#94
 Hexachlorobutadiene
 Concen: 48.891 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007958.D
 Acq: 09 Mar 2019 03:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	31.1	93.2	
227	65.3	32.0	96.0	





#95

Naphthalene

Concen: 51.496 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Instrument :

MSVOA_X

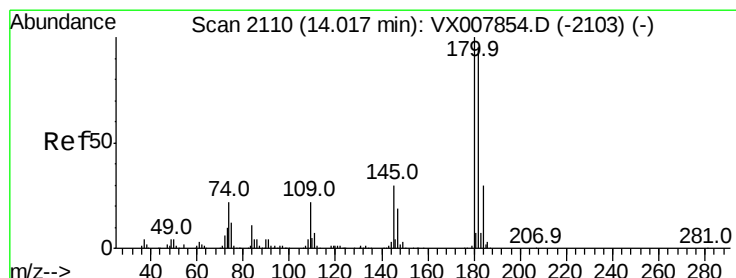
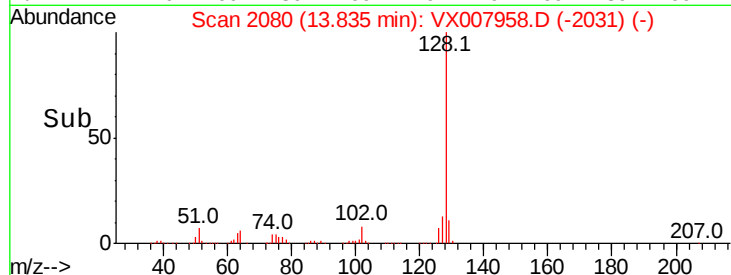
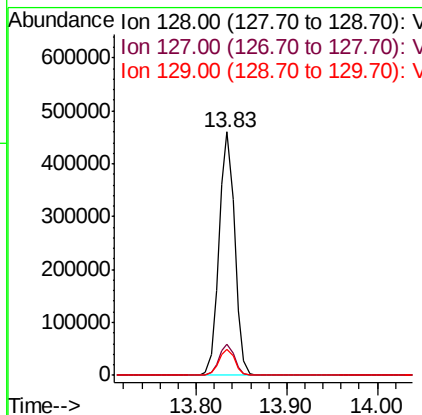
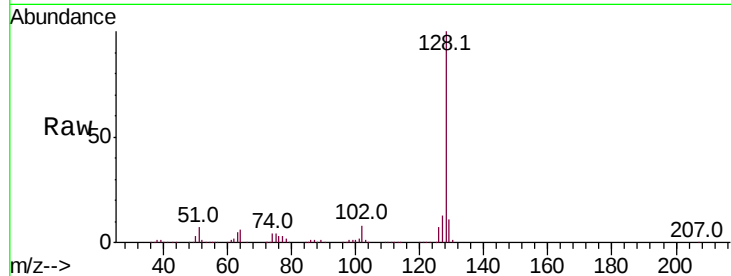
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	554513
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/11/2019 12:02:39 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.404 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007958.D

Acq: 09 Mar 2019 03:34

Tgt Ion:	180	Resp:	183923
Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.5	142.5
145	30.2	14.8	44.3

