

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008446.D
 Acq On : 26 Mar 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 10:40:44 AM

Quant Time: Mar 27 01:58:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	226595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	375361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	166498	48.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.94%	
35) Dibromofluoromethane	5.49	113	124585	50.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.80%	
50) Toluene-d8	8.71	98	501016	51.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	194598	53.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	144073	53.941	ug/l	100
3) Chloromethane	1.32	50	179525	53.304	ug/l	99
4) Vinyl Chloride	1.40	62	196265	52.628	ug/l	99
5) Bromomethane	1.64	94	86460	44.383	ug/l	99
6) Chloroethane	1.71	64	118717	53.736	ug/l	98
7) Trichlorofluoromethane	1.92	101	227062	53.759	ug/l	98
8) Diethyl Ether	2.18	74	106321	53.191	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142347	55.766	ug/l	99
10) Methyl Iodide	2.50	142	112594	45.719	ug/l	100
11) Tert butyl alcohol	3.06	59	203155	266.922	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140681	53.365	ug/l	98
13) Acrolein	2.29	56	206044	372.790	ug/l	100
14) Allyl chloride	2.72	41	311381	53.615	ug/l	99
15) Acrylonitrile	3.14	53	512571	256.832	ug/l	100
16) Acetone	2.44	43	540984	301.309	ug/l	99
17) Carbon Disulfide	2.56	76	422693	55.931	ug/l	99
18) Methyl Acetate	2.77	43	219998	51.018	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	515621	54.278	ug/l	99
20) Methylene Chloride	2.85	84	165599	56.597	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	148261	56.477	ug/l	97
22) Diisopropyl ether	3.85	45	618957	54.125	ug/l	96
23) Vinyl Acetate	3.81	43	2739684	274.599	ug/l	99
24) 1,1-Dichloroethane	3.69	63	310934	53.856	ug/l	99
25) 2-Butanone	4.67	43	797507	277.064	ug/l	100
26) 2,2-Dichloropropane	4.57	77	217195	56.561	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	173065	53.687	ug/l	100
28) Bromochloromethane	5.01	49	139076	48.759	ug/l	100
29) Tetrahydrofuran	5.12	42	485420	255.877	ug/l	100
30) Chloroform	5.20	83	281912	54.107	ug/l	100
31) Cyclohexane	5.57	56	300200	54.519	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	230539	55.355	ug/l	99
36) 1,1-Dichloropropene	5.79	75	223138	55.754	ug/l	99
37) Ethyl Acetate	4.83	43	284250	54.824	ug/l	100
38) Carbon Tetrachloride	5.78	117	192665	57.685	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	283256	59.222	ug/l	99
40) Benzene	6.13	78	665417	55.537	ug/l	100
41) Methacrylonitrile	5.04	41	162158	55.654	ug/l	100
42) 1,2-Dichloroethane	6.18	62	238280	54.317	ug/l	100
43) Isopropyl Acetate	6.44	43	464619	56.025	ug/l	100
44) Trichloroethene	7.21	130	155707	55.348	ug/l	98
45) 1,2-Dichloropropane	7.51	63	192532	56.534	ug/l	98
46) Dibromomethane	7.66	93	109801	55.212	ug/l	99
47) Bromodichloromethane	7.90	83	220923	58.038	ug/l	99
48) Methyl methacrylate	7.76	41	237799	57.308	ug/l	99
49) 1,4-Dioxane	7.74	88	90664	1098.874	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1537864	285.509	ug/l	100
52) Toluene	8.78	92	404975	56.529	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	252372	60.531	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	280630	59.191	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	162603	55.757	ug/l	99
56) Ethyl methacrylate	9.18	69	310262	58.939	ug/l	100
57) 1,3-Dichloropropane	9.37	76	291788	55.806	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	706365	259.587	ug/l	100
59) 2-Hexanone	9.49	43	1235138	295.935	ug/l	100
60) Dibromochloromethane	9.58	129	163556	58.972	ug/l	99
61) 1,2-Dibromoethane	9.67	107	168624	56.659	ug/l	99
64) Tetrachloroethene	9.34	164	127215	54.596	ug/l	97
65) Chlorobenzene	10.13	112	418977	55.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	148191	57.386	ug/l	99
67) Ethyl Benzene	10.25	91	797923	56.485	ug/l	99
68) m/p-Xylenes	10.35	106	584255	113.689	ug/l	99
69) o-Xylene	10.69	106	281862	56.518	ug/l	100
70) Styrene	10.71	104	503835	58.487	ug/l	100
71) Bromoform	10.85	173	121867	59.757	ug/l #	99
73) Isopropylbenzene	11.02	105	757850	54.202	ug/l	100
74) N-amyl acetate	10.90	43	445770	55.081	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	280628	51.729	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	240557m	47.081	ug/l	
77) Bromobenzene	11.26	156	180395	53.160	ug/l	100
78) n-propylbenzene	11.36	91	918604	56.084	ug/l	100
79) 2-Chlorotoluene	11.42	91	535866	53.790	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	656843	55.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	94570	59.282	ug/l	99
82) 4-Chlorotoluene	11.51	91	636140	55.358	ug/l	100
83) tert-Butylbenzene	11.77	119	628452	55.105	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	659774	55.183	ug/l	99
85) sec-Butylbenzene	11.94	105	767688	56.525	ug/l	100
86) p-Isopropyltoluene	12.06	119	688069	57.416	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	331727	54.713	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	334593	54.681	ug/l	99
89) n-Butylbenzene	12.38	91	671533	59.153	ug/l	100
90) Hexachloroethane	12.60	117	115884	58.044	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	327842	53.995	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60473	51.124	ug/l	100

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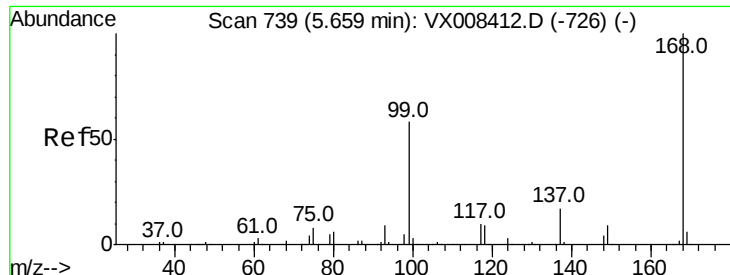
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	229634	56.175	ug/l	100
94) Hexachlorobutadiene	13.78	225	111035	57.204	ug/l	100
95) Naphthalene	13.83	128	748928	53.439	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	224432	54.637	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 226595

Ion Ratio Lower Upper

168 100

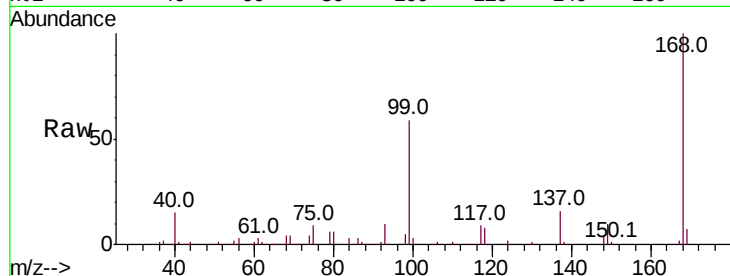
99 58.6 46.0 69.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

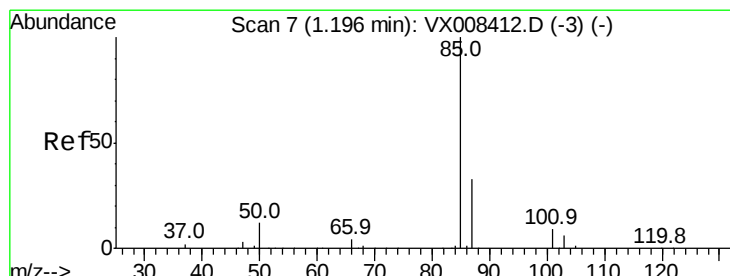
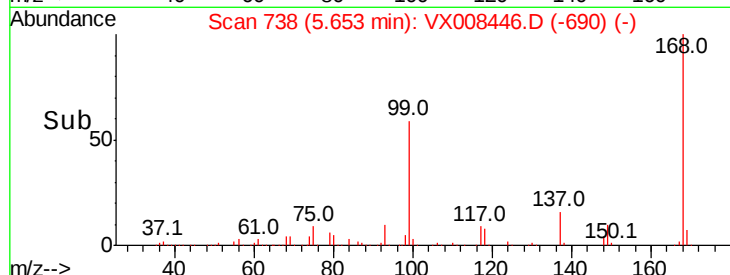
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.941 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008446.D

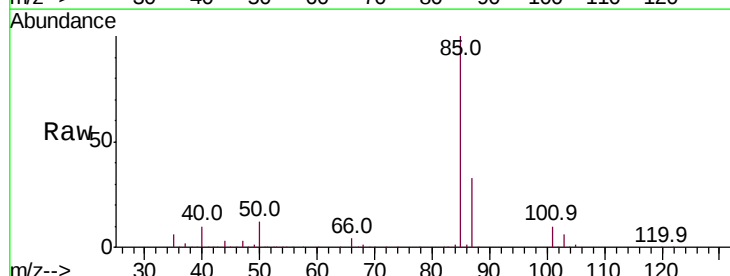
Acq: 26 Mar 2019 09:57

Tgt Ion: 85 Resp: 144073

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

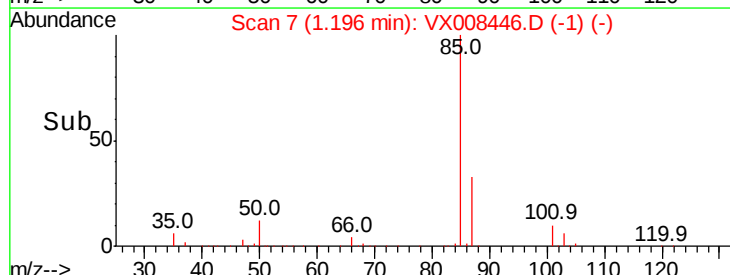
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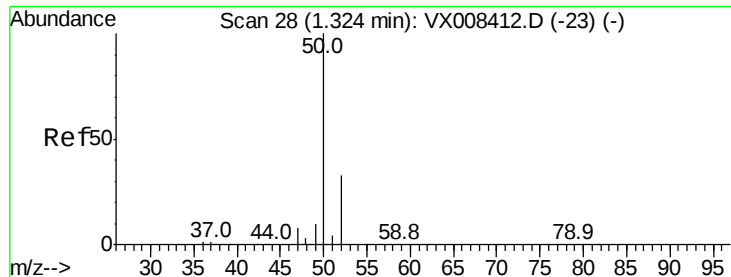
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 53.304 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 179525

Ion Ratio Lower Upper

50 100

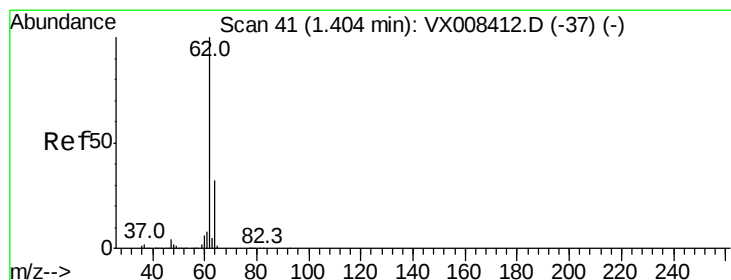
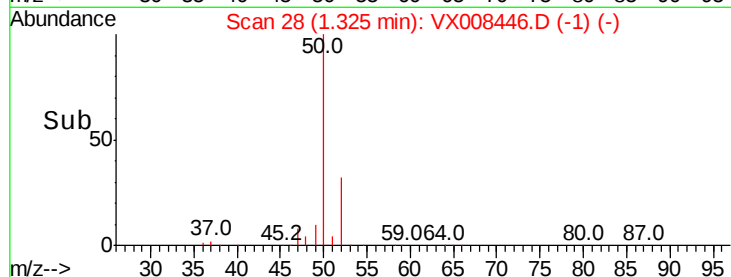
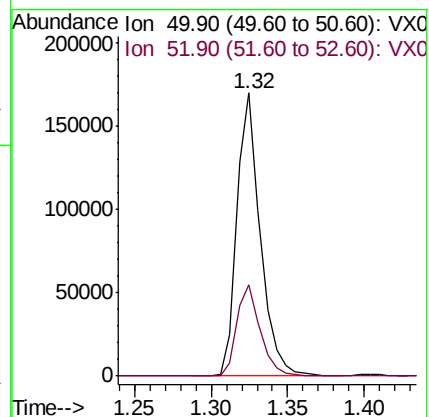
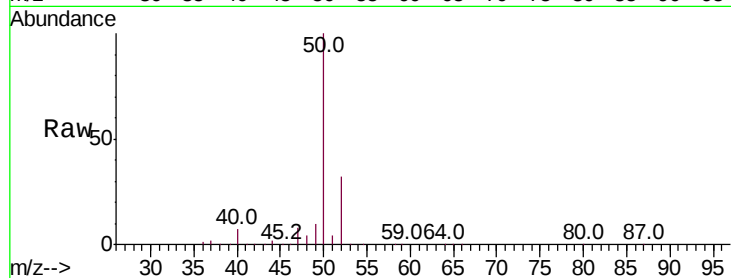
52 32.3 26.2 39.2

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3/27/2019 10:40:44 AM



#4

Vinyl Chloride

Concen: 52.628 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008446.D

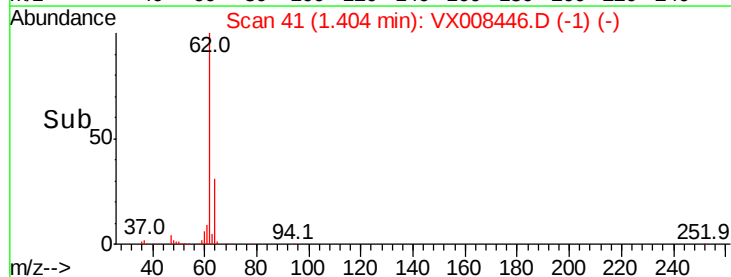
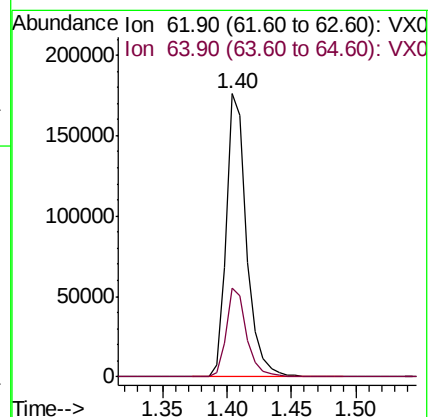
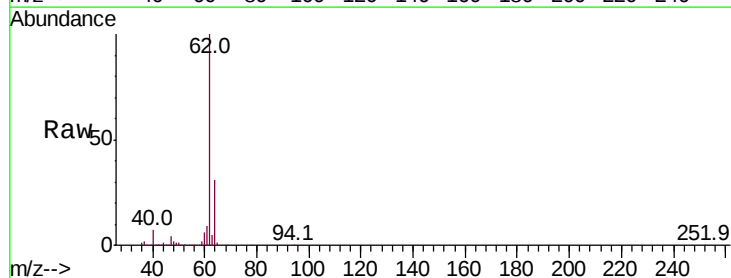
Acq: 26 Mar 2019 09:57

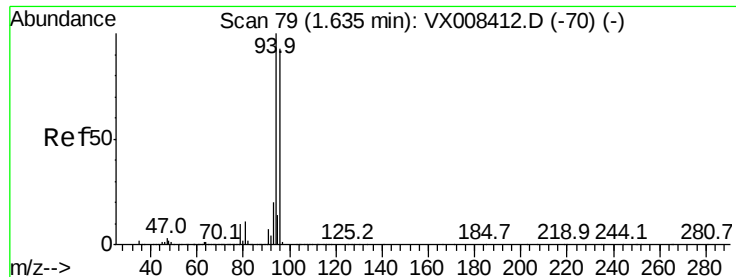
Tgt Ion: 62 Resp: 196265

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 44.383 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 86460

Ion Ratio Lower Upper

94 100

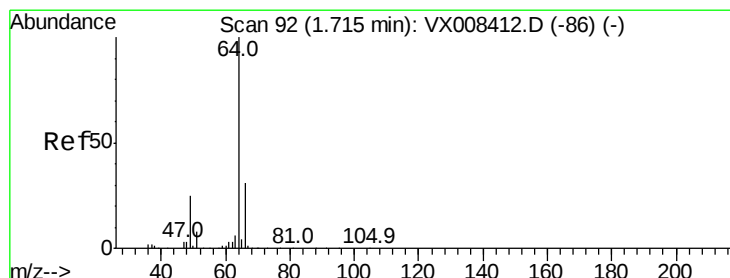
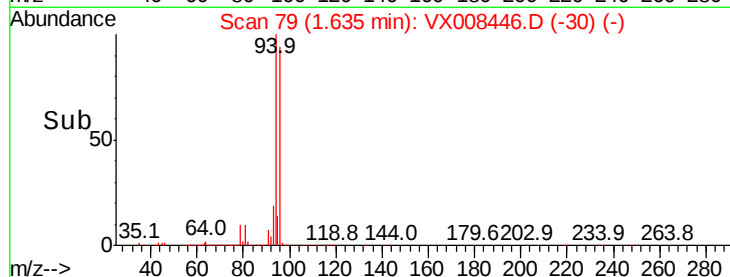
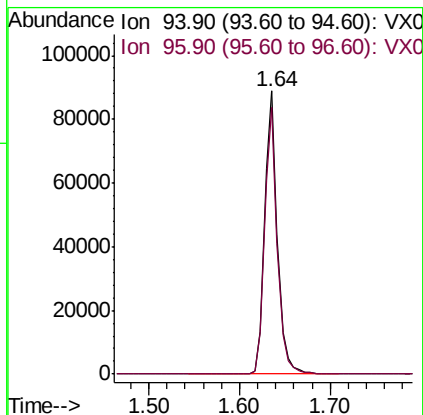
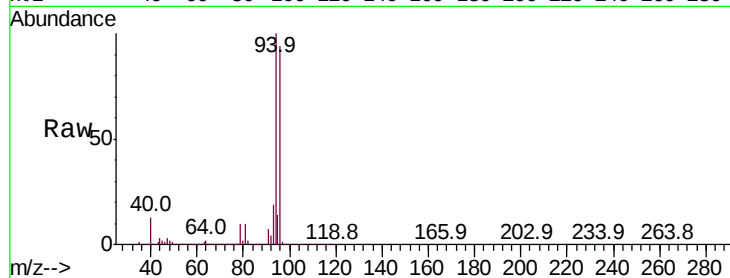
96 94.3 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 53.736 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008446.D

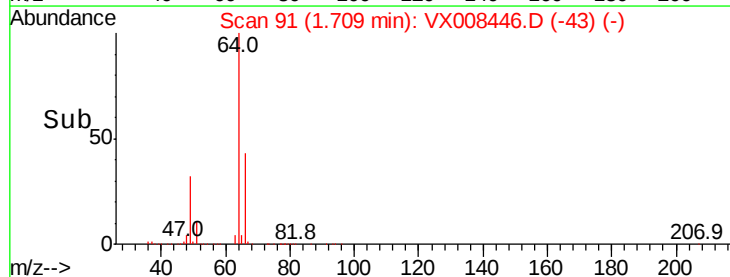
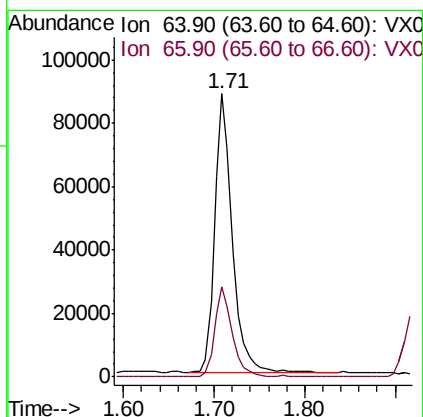
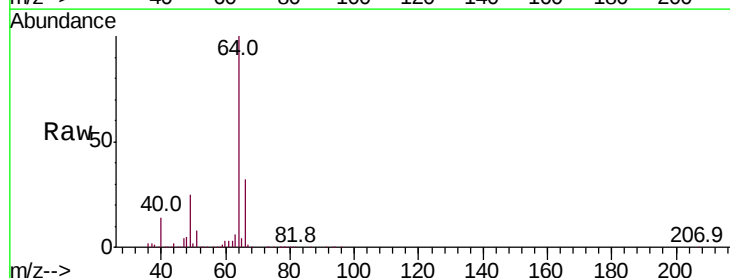
Acq: 26 Mar 2019 09:57

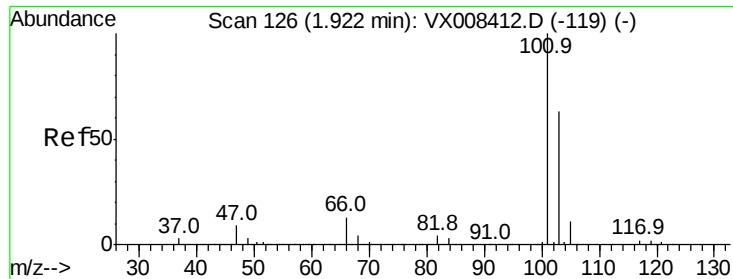
Tgt Ion: 64 Resp: 118717

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7





#7

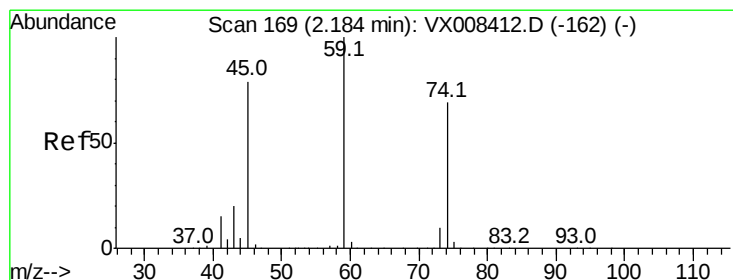
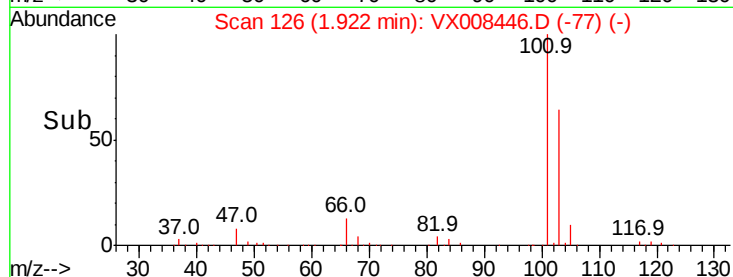
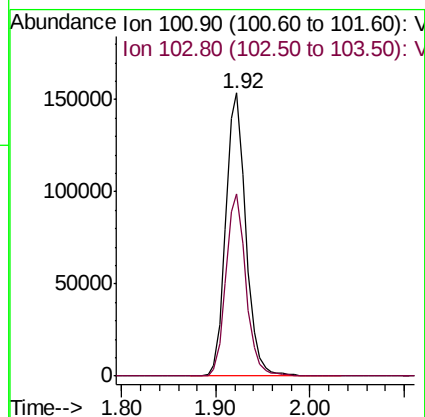
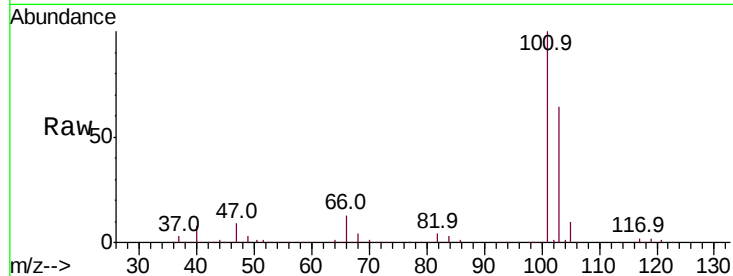
Trichlorofluoromethane
Concen: 53.759 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 227062
Ion Ratio Lower Upper
101 100
103 64.2 50.2 75.4

Manual Integrations
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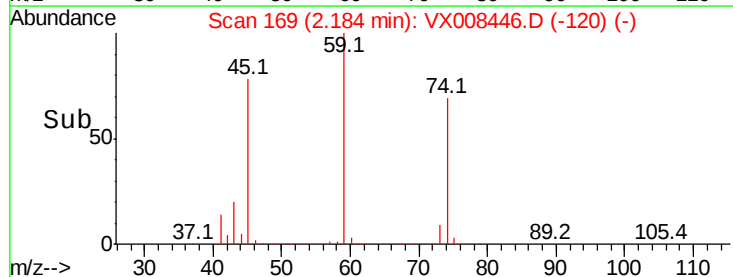
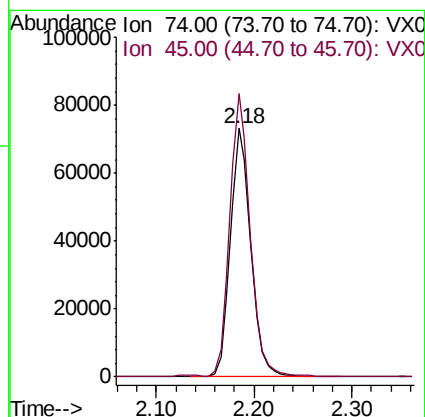
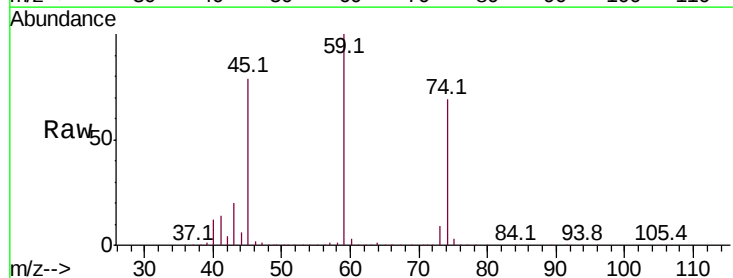
MMDadoda
3/27/2019 10:40:44 AM

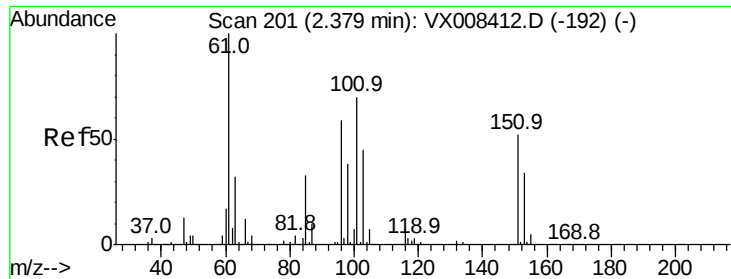


#8

Diethyl Ether
Concen: 53.191 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 74 Resp: 106321
Ion Ratio Lower Upper
74 100
45 112.6 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.766 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008446.D

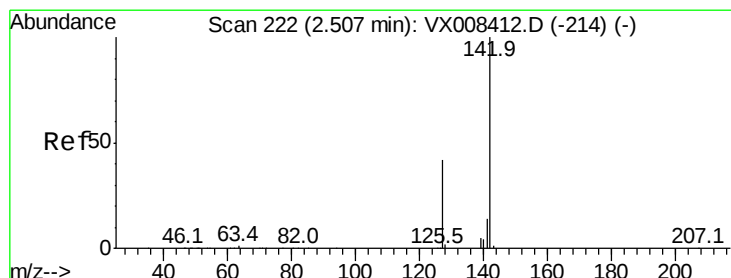
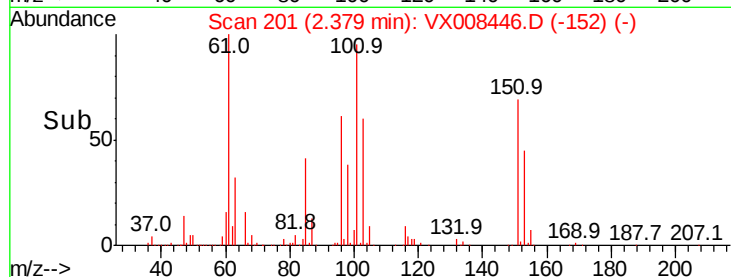
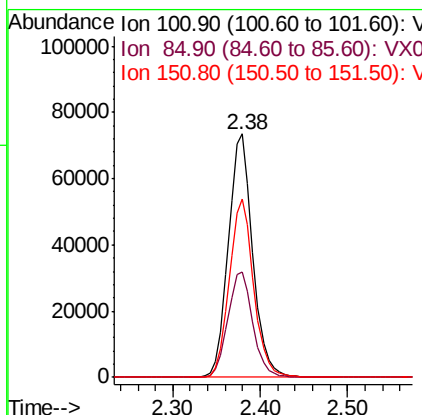
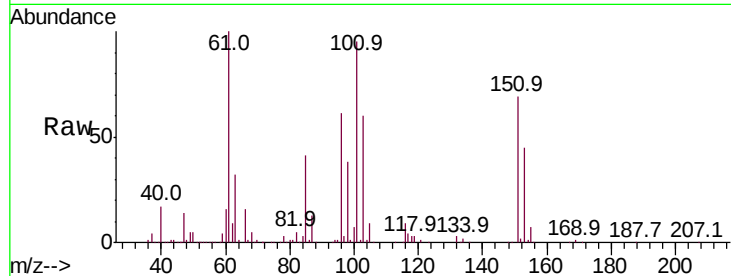
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Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	44.2	36.0	54.0
151	73.1	59.2	88.8

Manual Integrations
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#10

Methyl Iodide

Concen: 45.719 ug/l

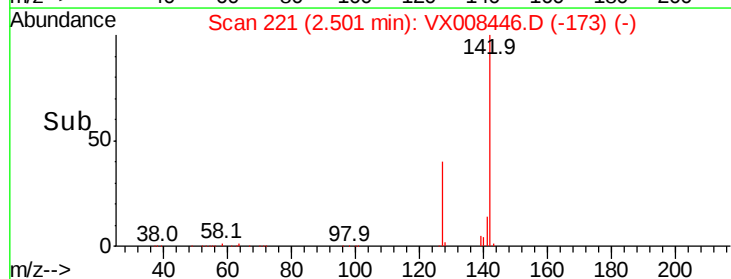
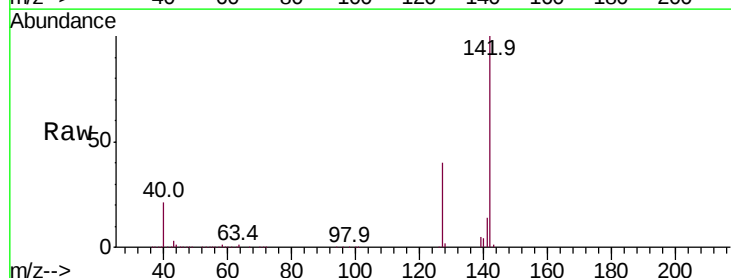
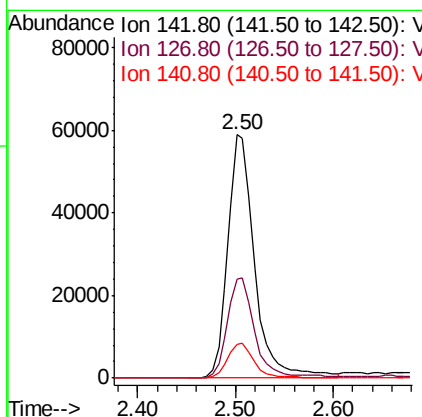
RT: 2.50 min Scan# 221

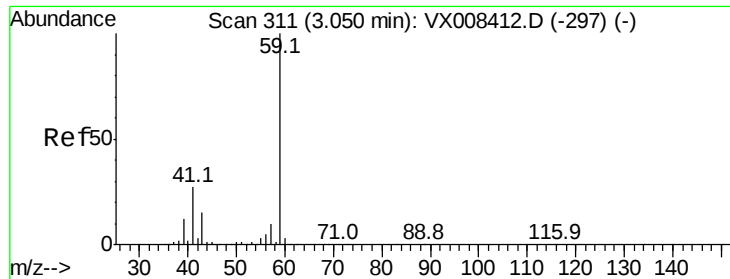
Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	41.7	33.6	50.4
141	14.3	11.3	16.9





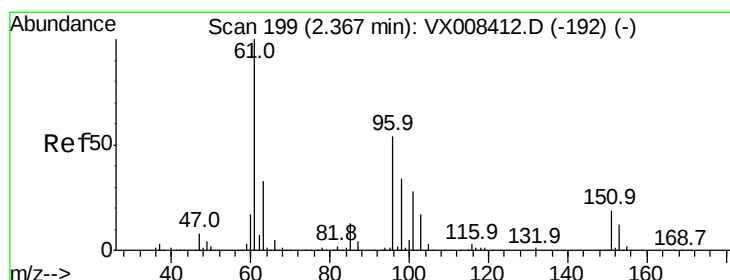
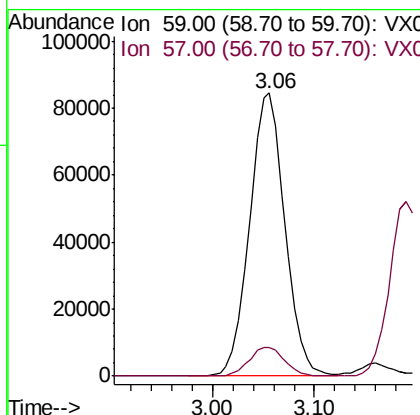
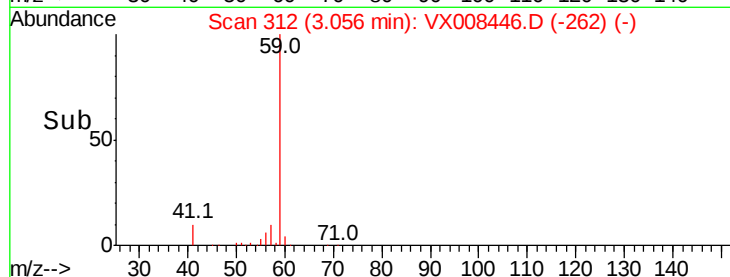
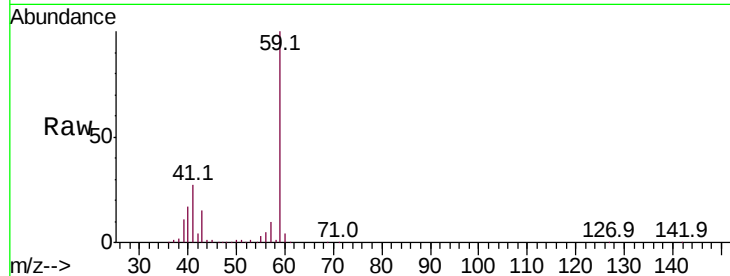
#11
Tert butyl alcohol
Concen: 266.922 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

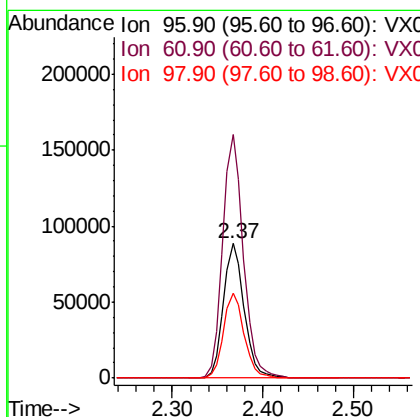
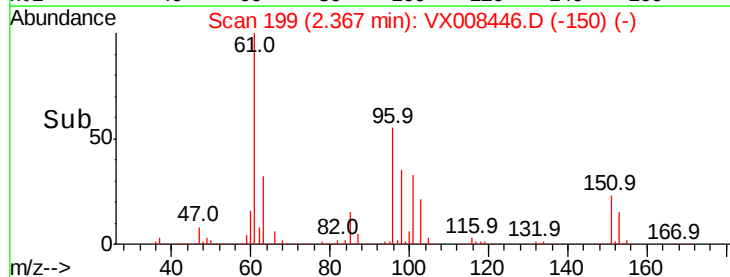
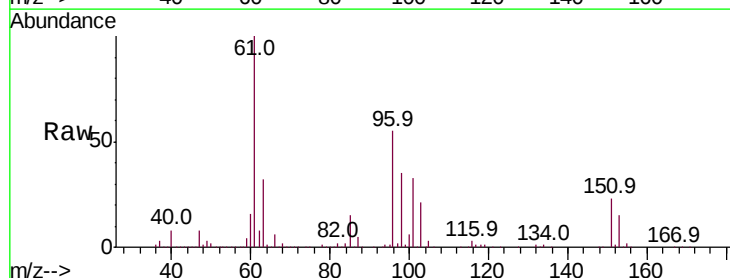
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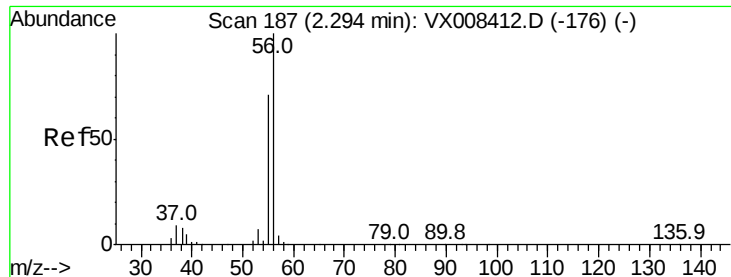
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.365 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.3	146.9	220.3
98	63.6	50.1	75.1





#13

Acrolein

Concen: 372.790 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 206044

Ion Ratio Lower Upper

56 100

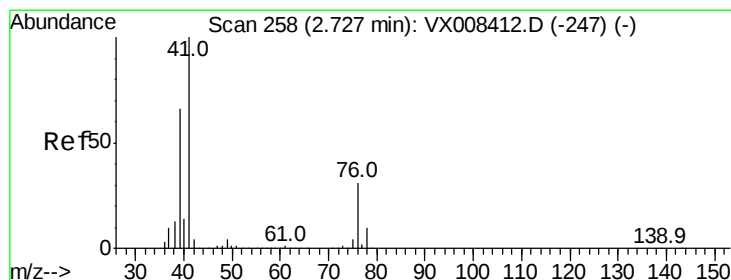
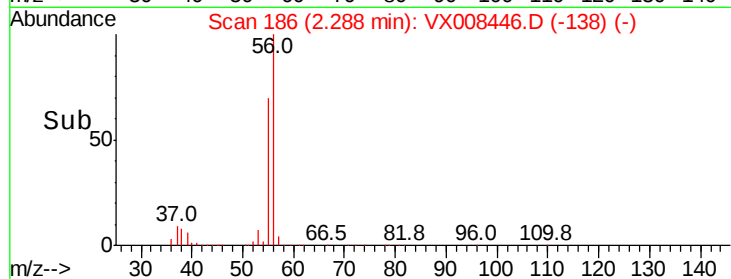
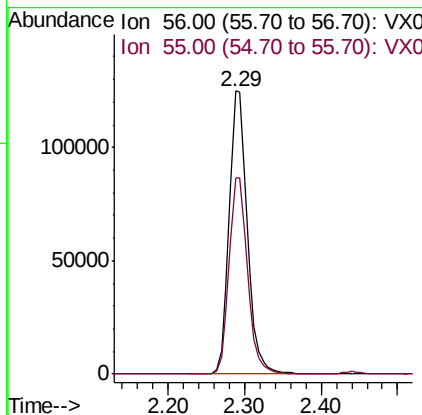
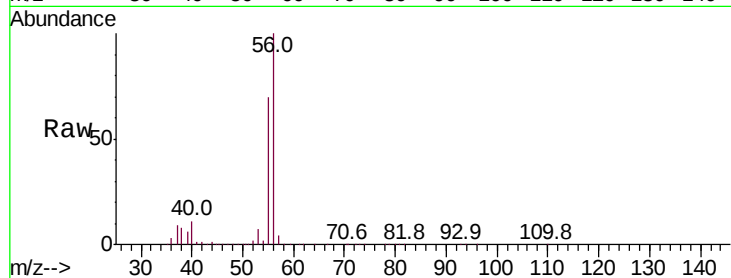
55 70.6 56.5 84.7

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#14

Allyl chloride

Concen: 53.615 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

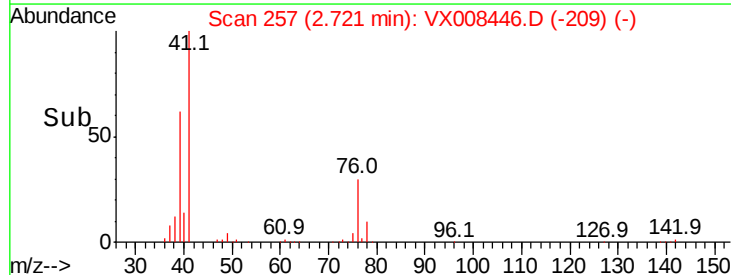
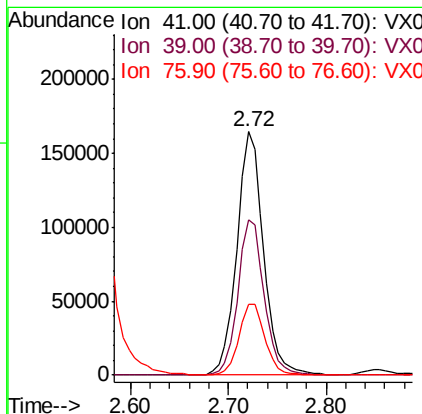
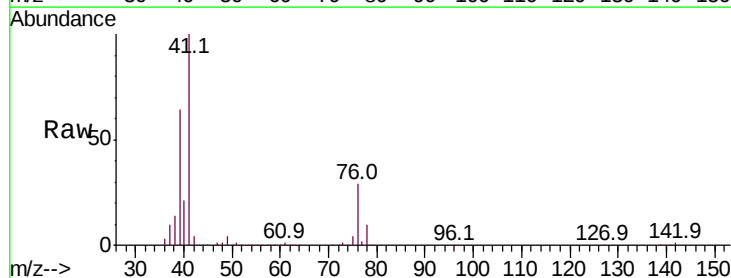
Tgt Ion: 41 Resp: 311381

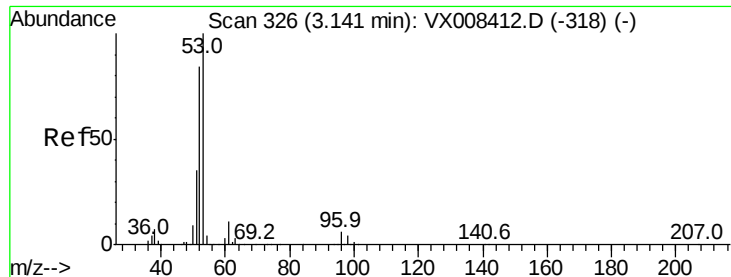
Ion Ratio Lower Upper

41 100

39 63.0 49.6 74.4

76 28.3 22.6 34.0





#15

Acrylonitrile

Concen: 256.832 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

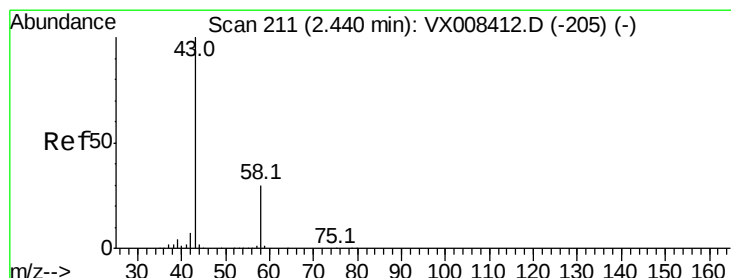
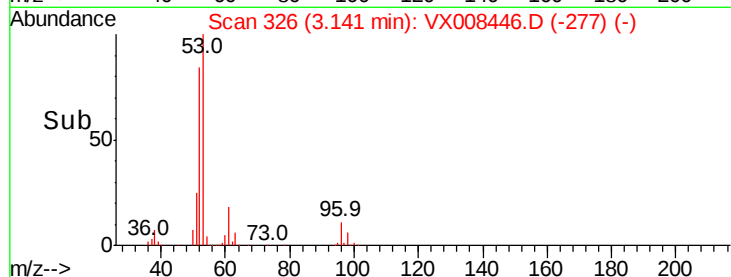
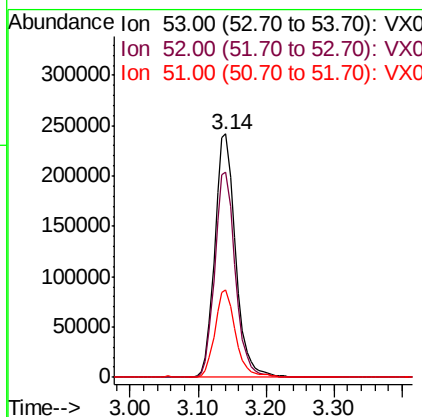
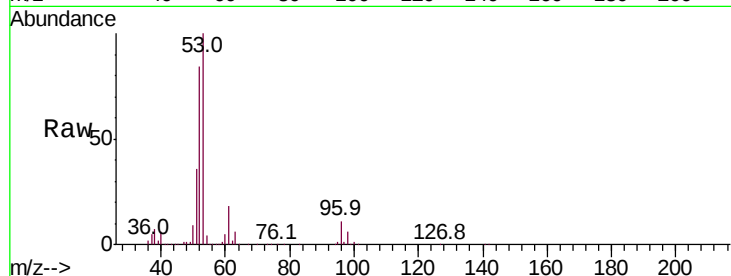
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	512571
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.5	99.7
51	35.7	28.3	42.5

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#16

Acetone

Concen: 301.309 ug/l

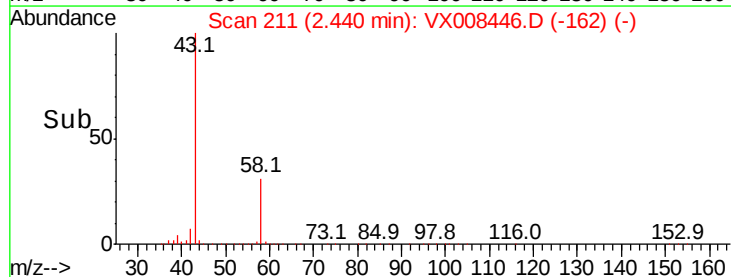
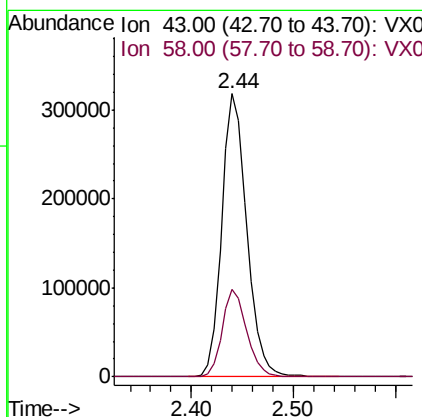
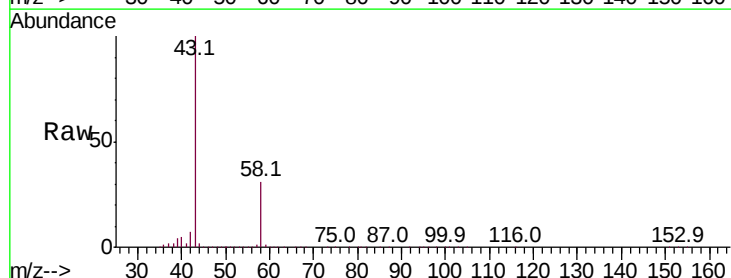
RT: 2.44 min Scan# 211

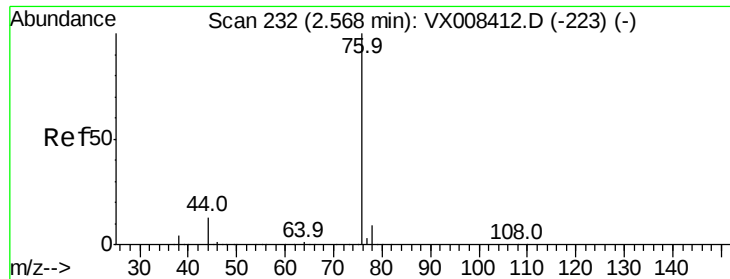
Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Tgt Ion:	43	Resp:	540984
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.2	36.2





#17

Carbon Disulfide

Concen: 55.931 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 422693

Ion Ratio Lower Upper

76 100

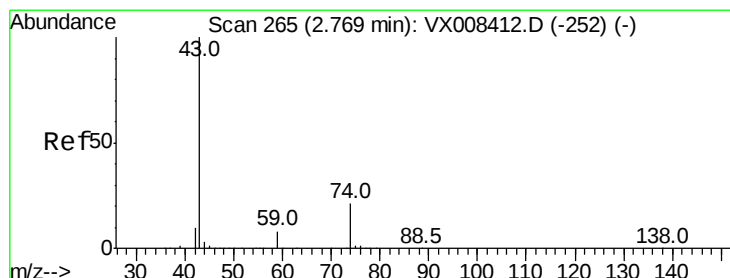
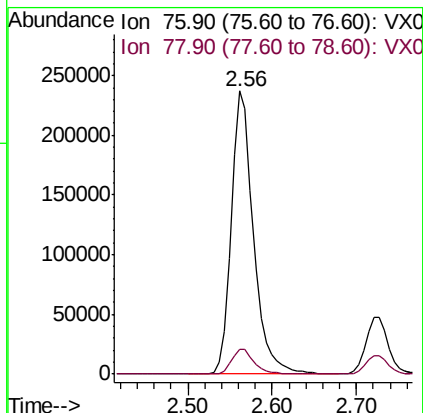
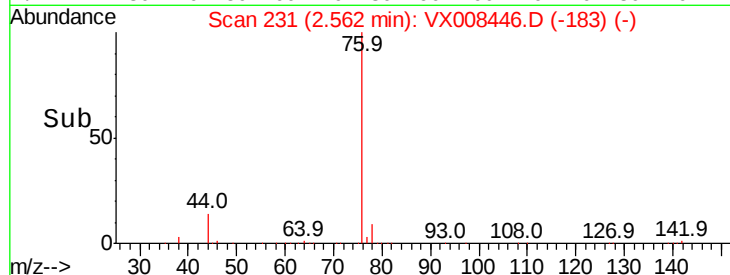
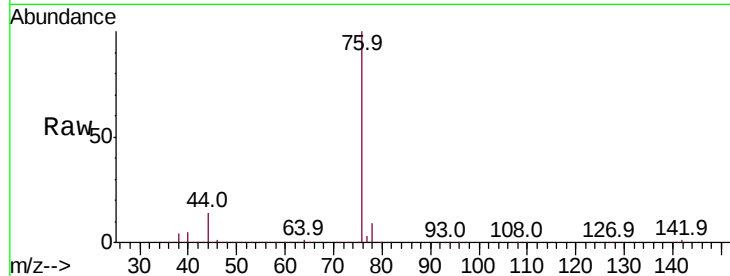
78 8.8 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 51.018 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008446.D

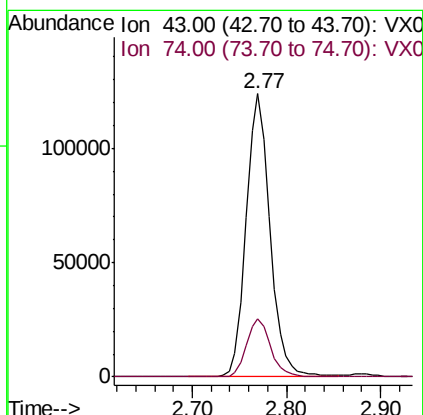
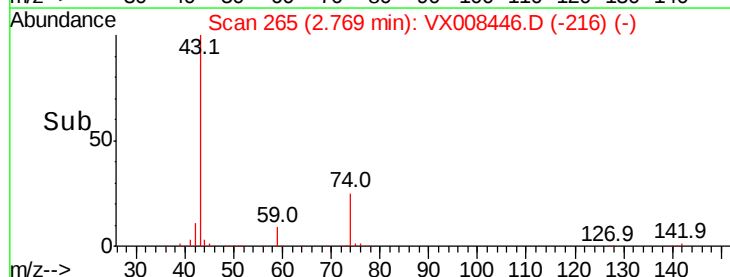
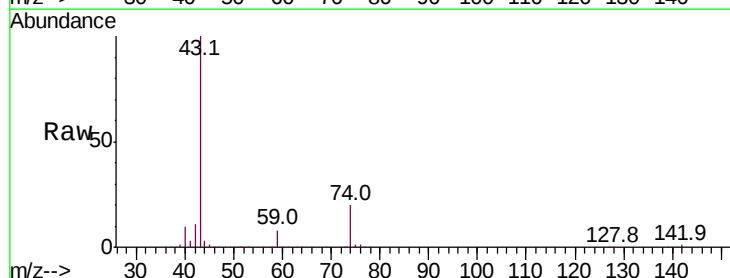
Acq: 26 Mar 2019 09:57

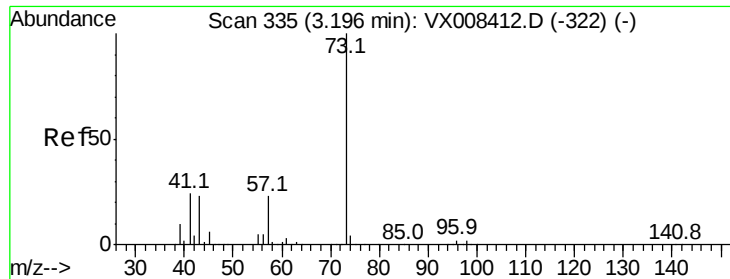
Tgt Ion: 43 Resp: 219998

Ion Ratio Lower Upper

43 100

74 20.8 16.7 25.1





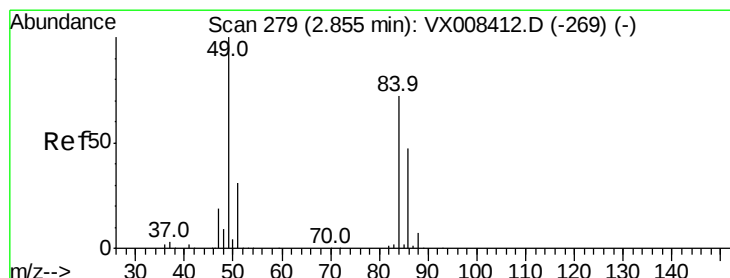
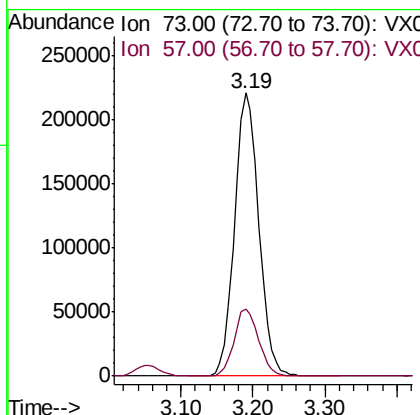
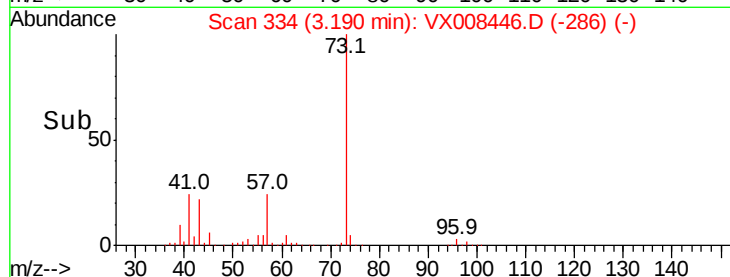
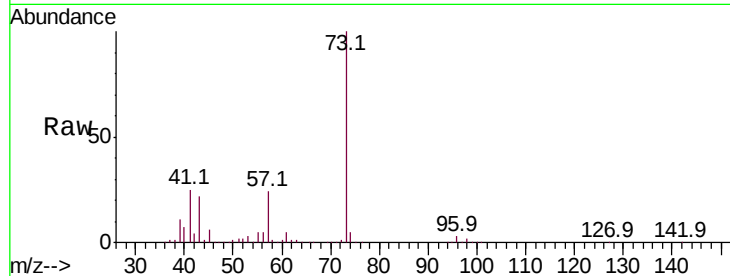
#19
Methyl tert-butyl Ether
Concen: 54.278 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 515621
Ion Ratio Lower Upper
73 100
57 23.6 18.6 28.0

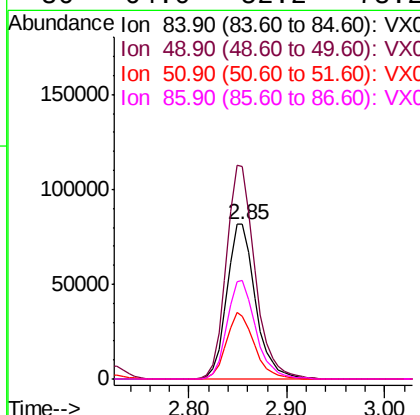
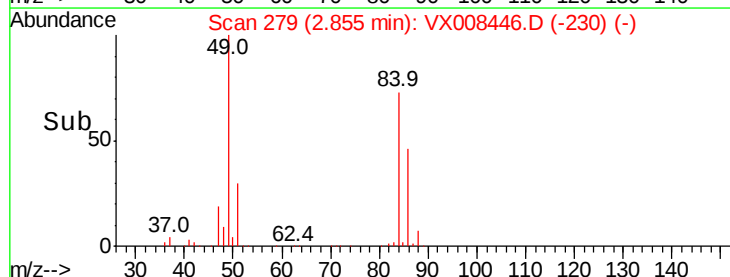
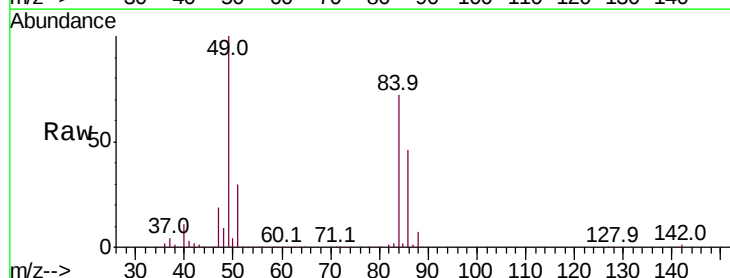
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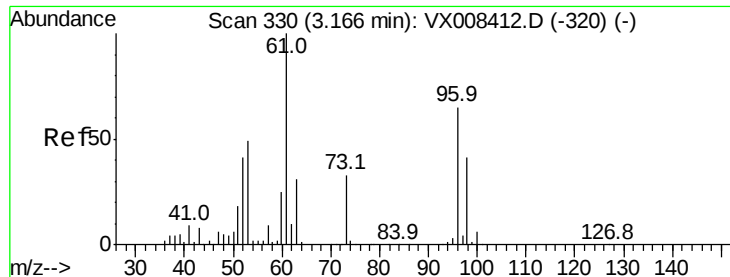
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#20
Methylene Chloride
Concen: 56.597 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 84 Resp: 165599
Ion Ratio Lower Upper
84 100
49 137.9 110.6 165.8
51 40.8 33.9 50.9
86 64.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 56.477 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 148261

Ion Ratio Lower Upper

96 100

61 158.2 122.6 184.0

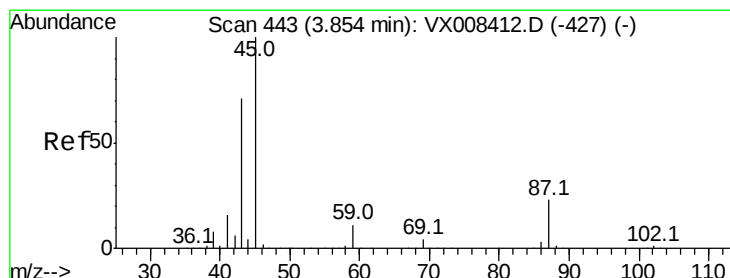
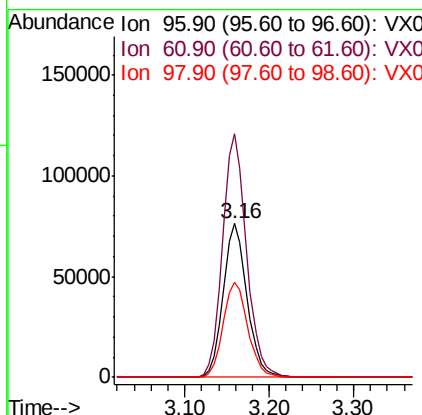
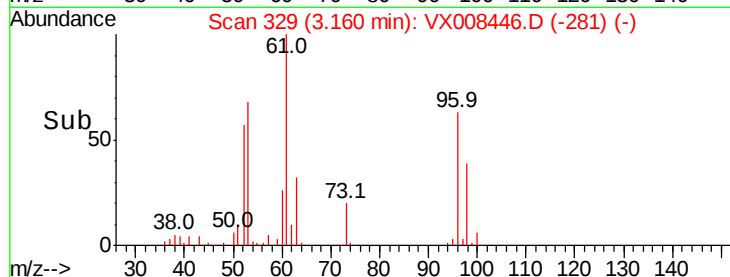
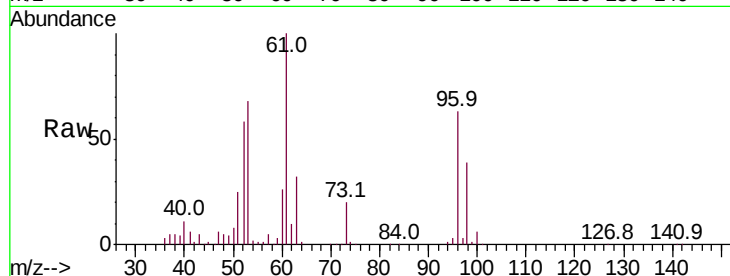
98 61.6 50.9 76.3

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#22

Diisopropyl ether

Concen: 54.125 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Tgt Ion: 45 Resp: 618957

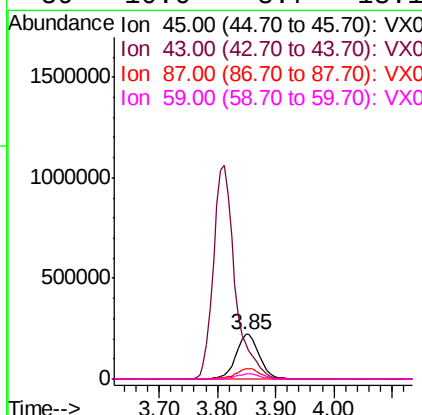
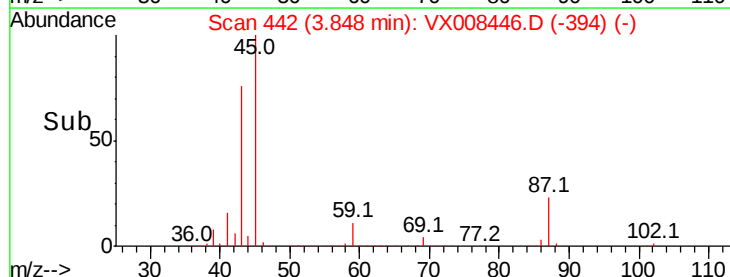
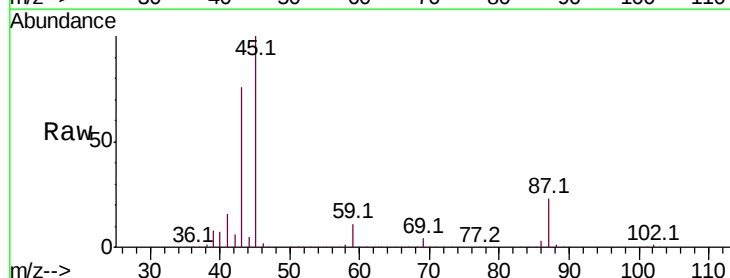
Ion Ratio Lower Upper

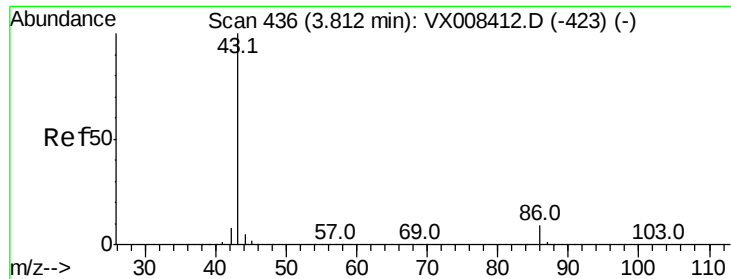
45 100

43 76.0 57.1 85.7

87 22.7 18.8 28.2

59 10.6 8.7 13.1





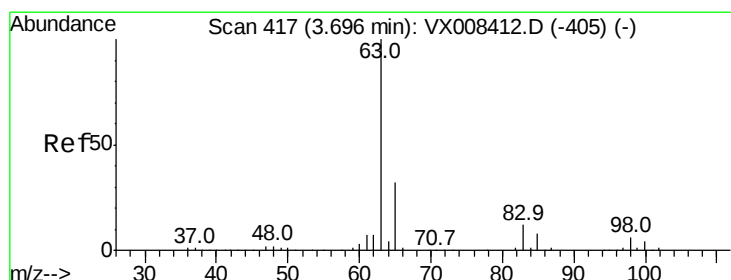
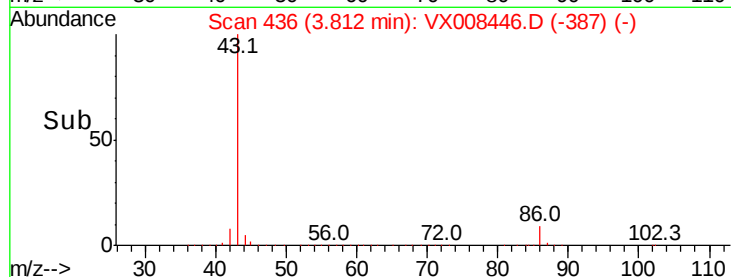
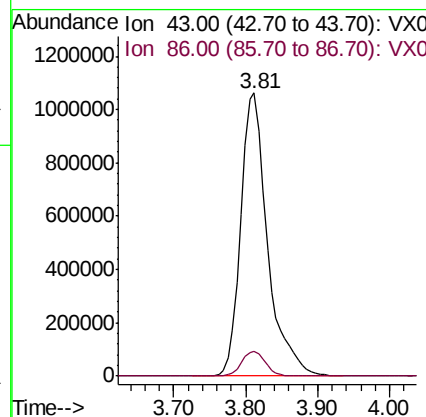
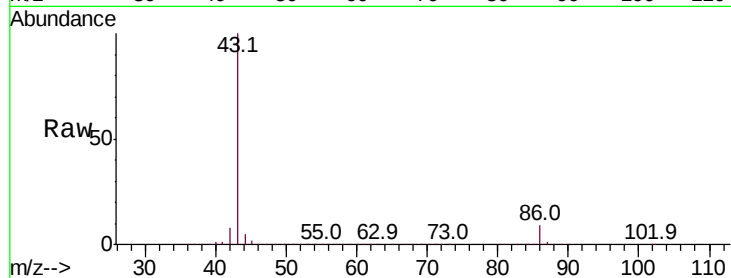
#23
 Vinyl Acetate
 Concen: 274.599 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2739684
 Ion Ratio Lower Upper
 43 100
 86 8.9 6.9 10.3

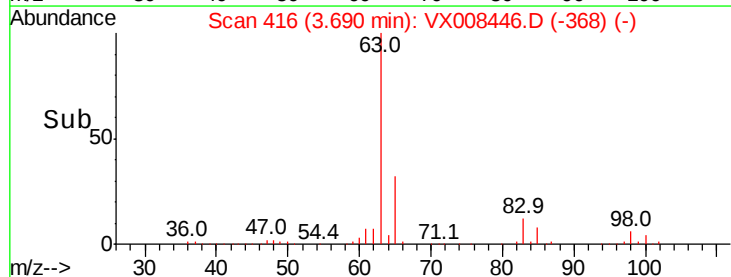
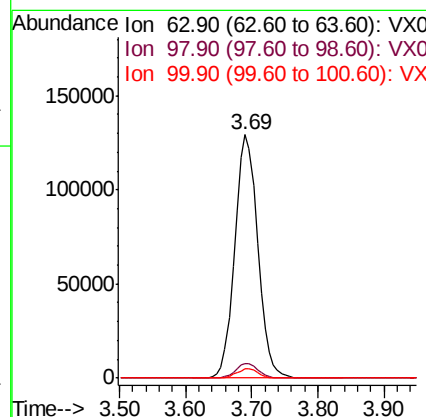
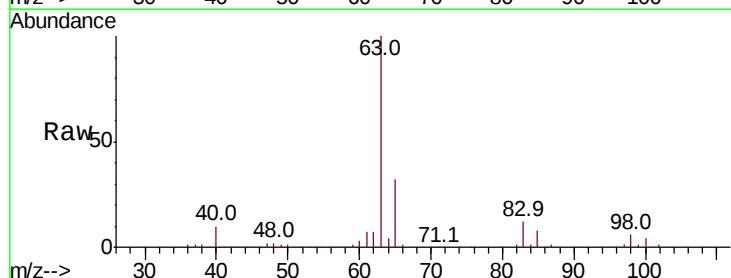
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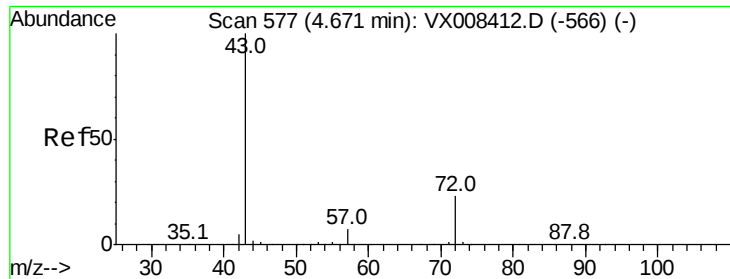
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 53.856 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion: 63 Resp: 310934
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.2 9.6
 100 3.8 2.0 5.8





#25

2-Butanone

Concen: 277.064 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 797507

Ion Ratio Lower Upper

43 100

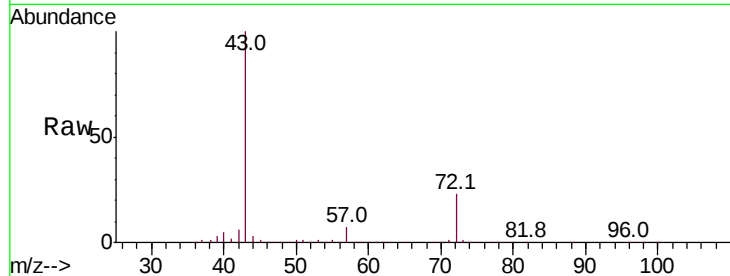
72 23.2 18.6 28.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

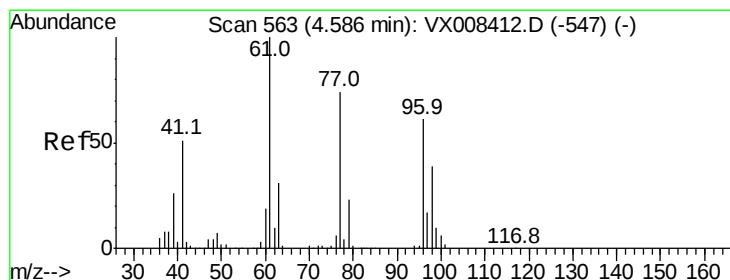
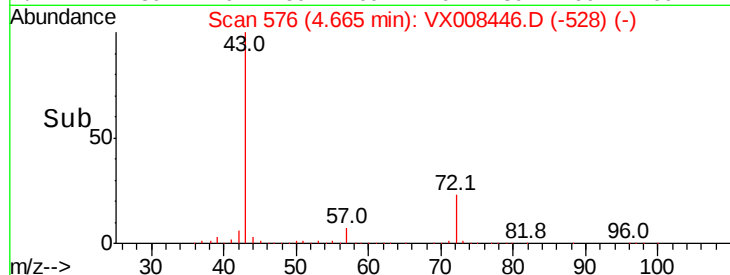
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 56.561 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008446.D

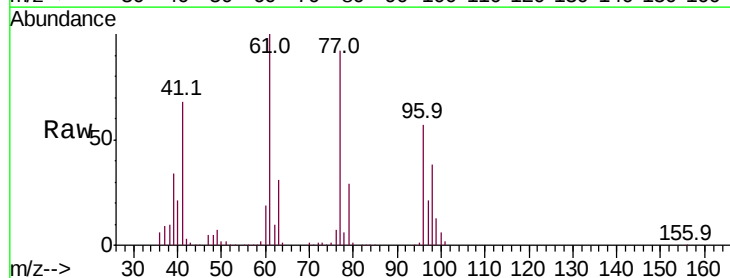
Acq: 26 Mar 2019 09:57

Tgt Ion: 77 Resp: 217195

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

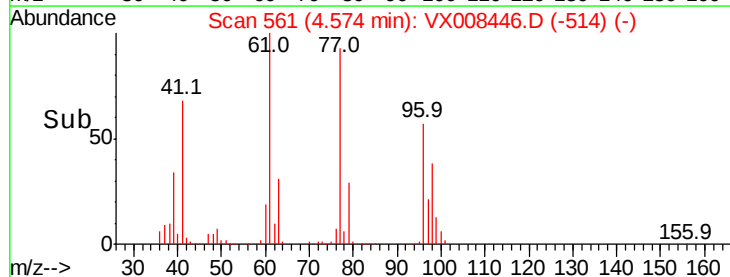
40000

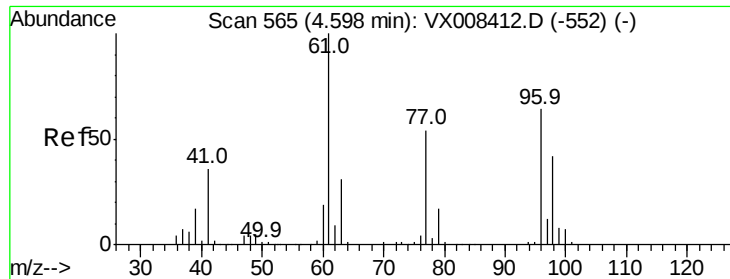
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

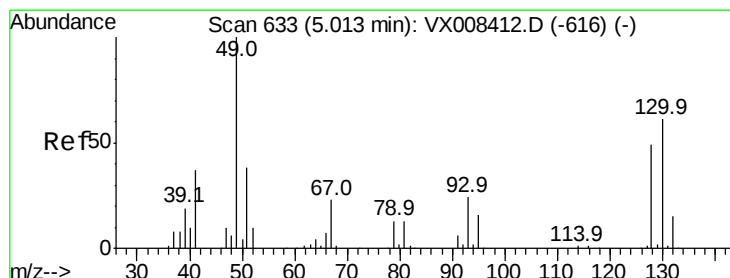
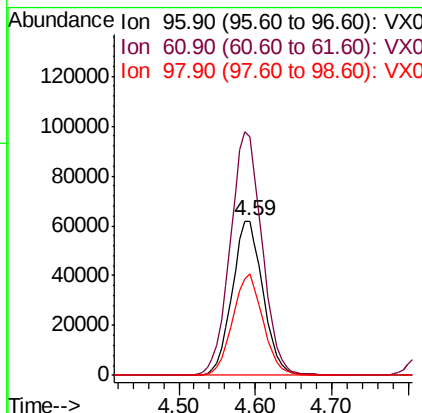
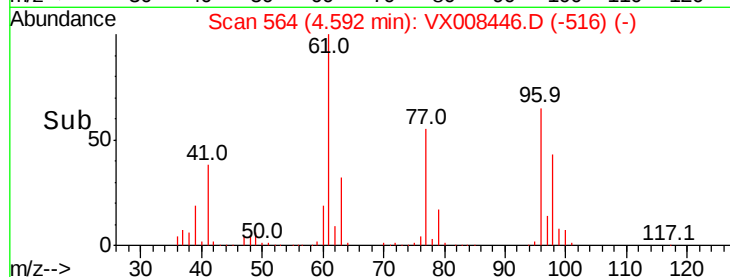
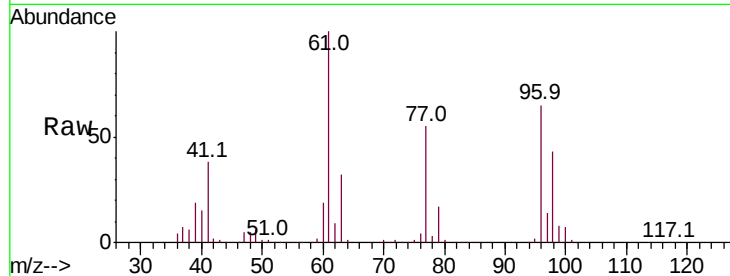
cis-1,2-Dichloroethene
Concen: 53.687 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	325.6
98	64.6	0.0	130.0

Manual Integrations
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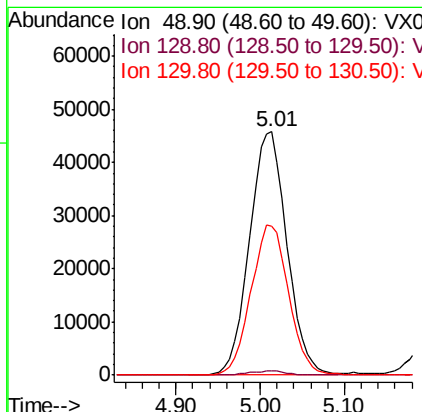
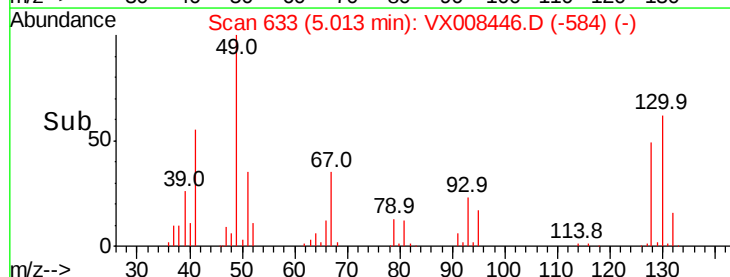
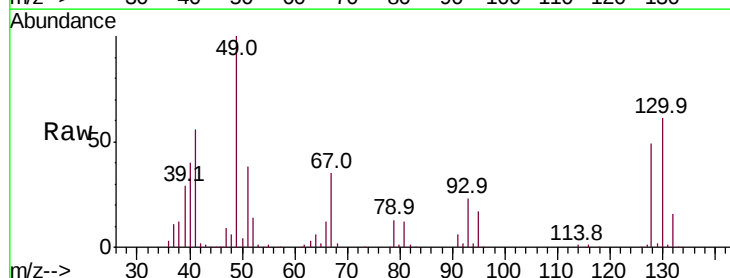
MMDadoda
3/27/2019 10:40:44 AM

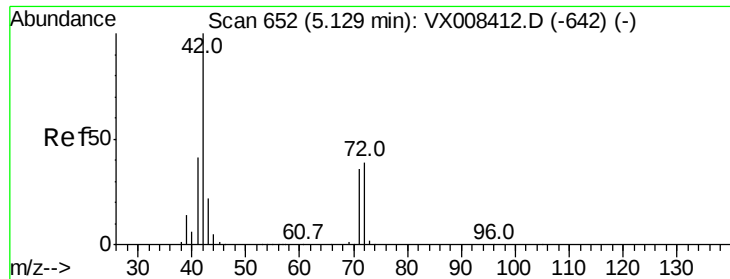


#28

Bromochloromethane
Concen: 48.759 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	62.0	49.8	74.6





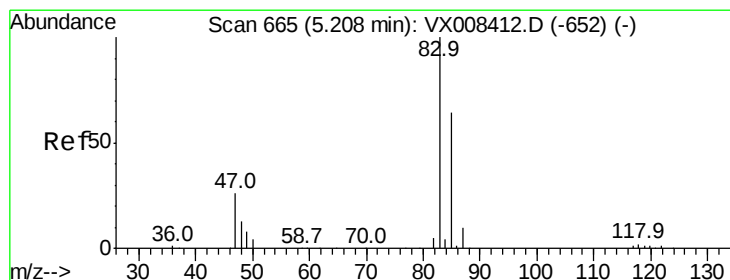
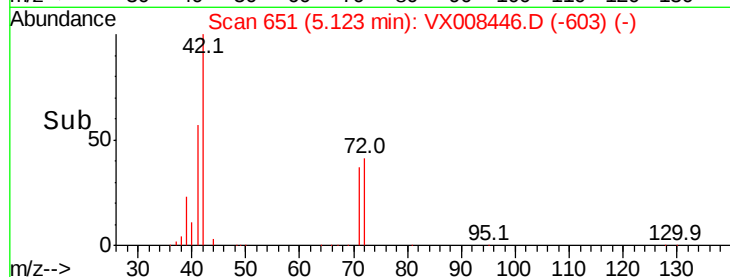
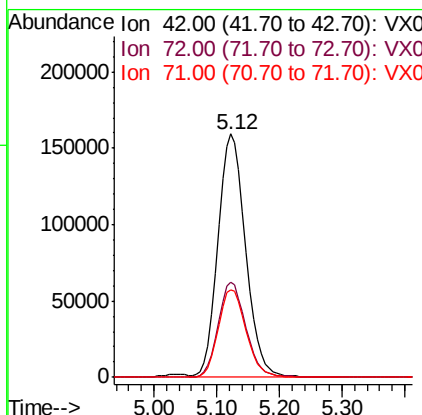
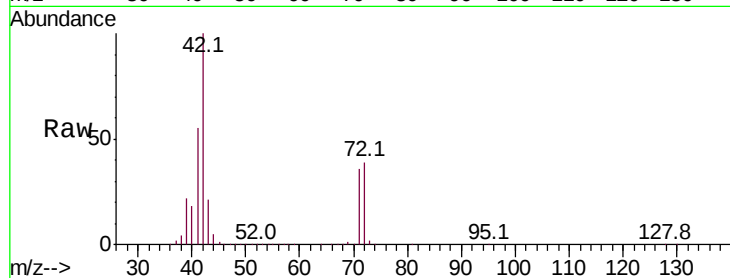
#29
Tetrahydrofuran
Concen: 255.877 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.4	47.2
71	36.5	29.4	44.2

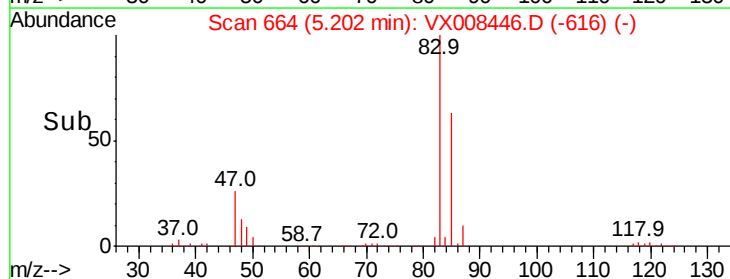
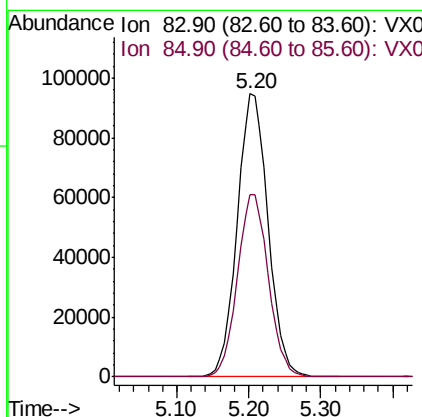
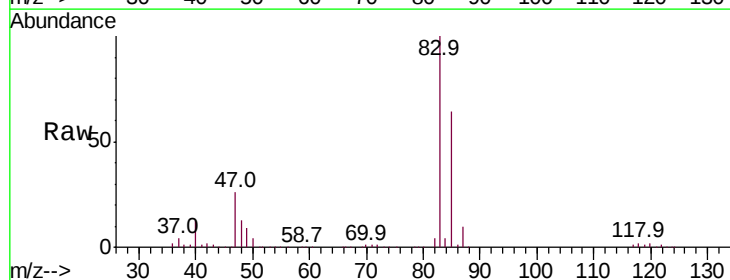
Manual Integrations
APPROVED

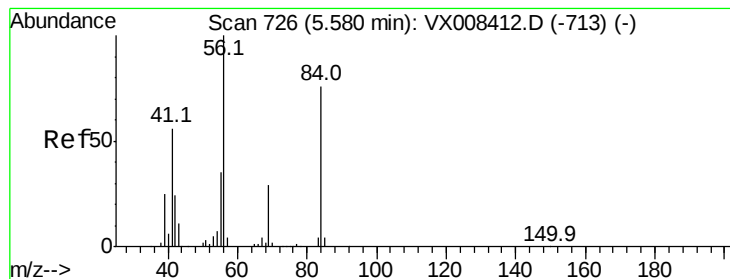
MMDadoda
3/27/2019 10:40:44 AM



#30
Chloroform
Concen: 54.107 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2





#31

Cyclohexane

Concen: 54.519 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

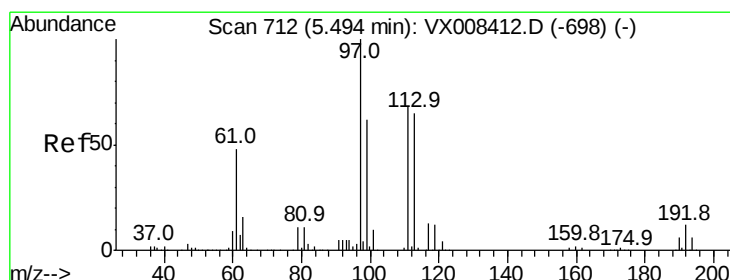
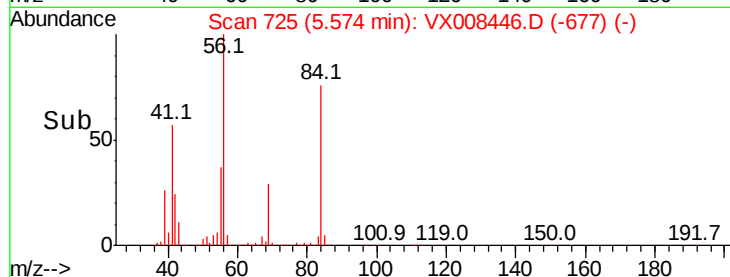
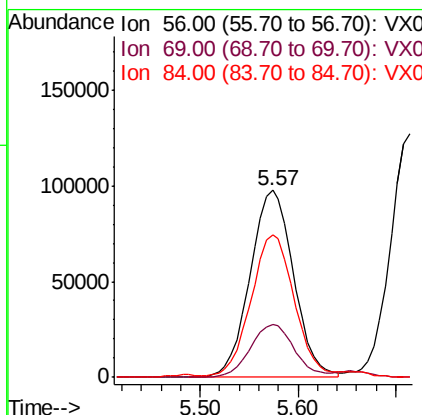
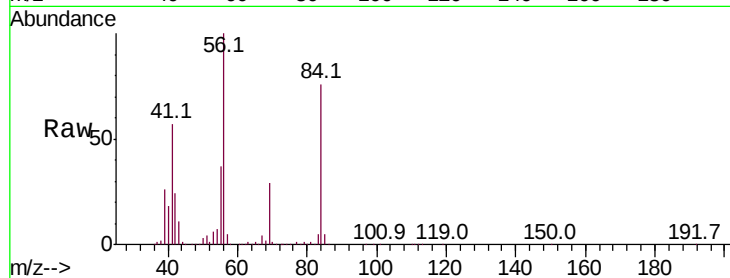
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	300200
Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.2	34.8
84	74.6	60.7	91.1

Manual Integrations
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3/27/2019 10:40:44 AM



#32

1,1,1-Trichloroethane

Concen: 55.355 ug/l

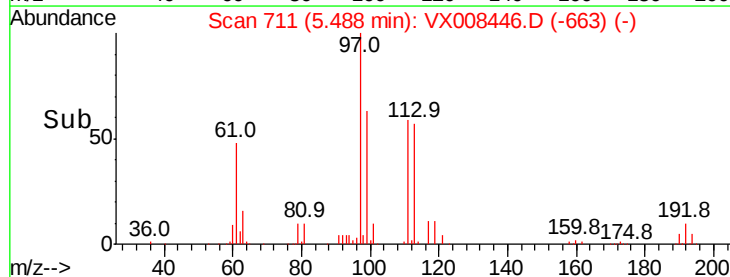
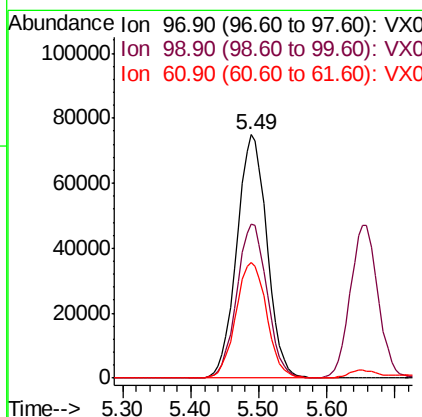
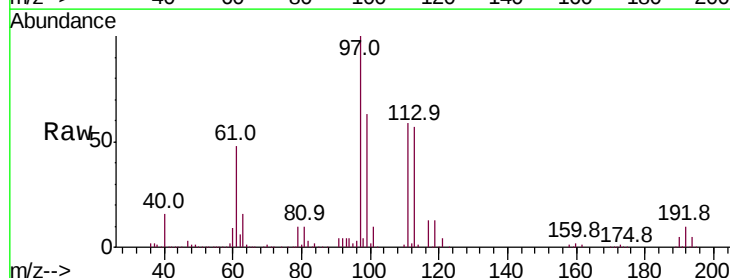
RT: 5.49 min Scan# 711

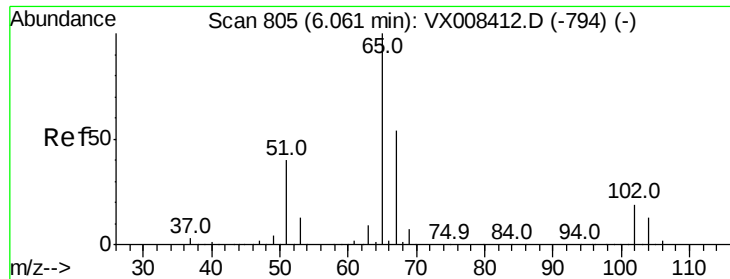
Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Tgt Ion:	97	Resp:	230539
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.5	77.3
61	48.8	38.8	58.2





#33

1,2-Dichloroethane-d4

Concen: 48.468 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Tot Ion: 65 Resp: 166498

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.4

Instrument :

MSVOA_X

ClientSampleId :

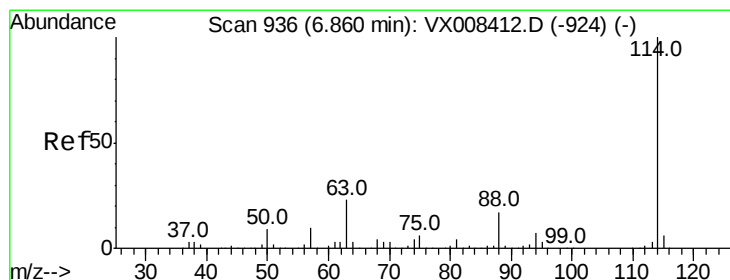
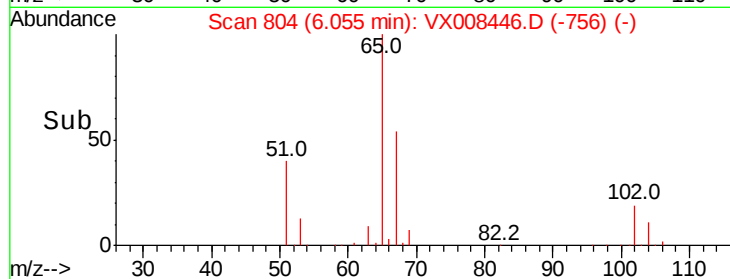
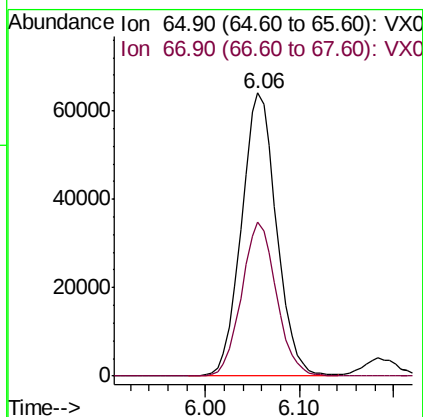
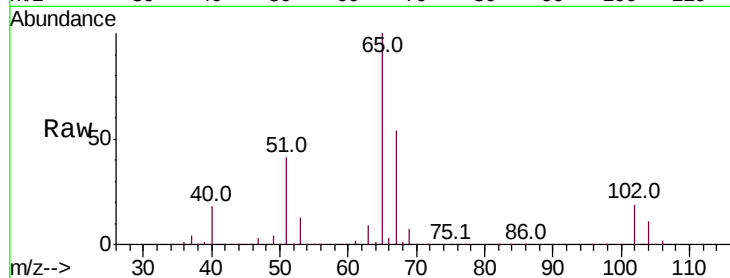
VSTDCCC050

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

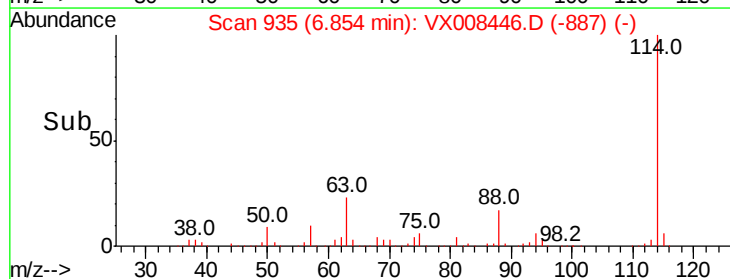
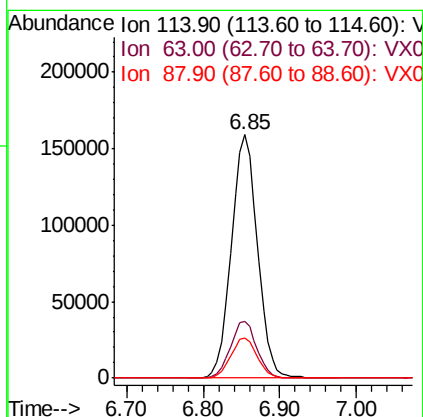
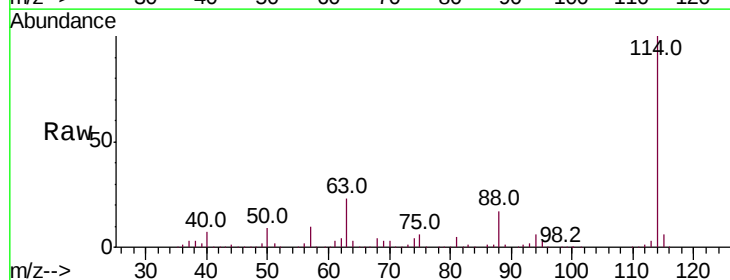
Tgt Ion:114 Resp: 375361

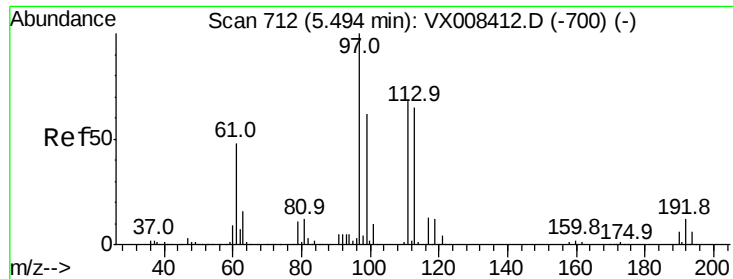
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

88 16.6 0.0 33.2





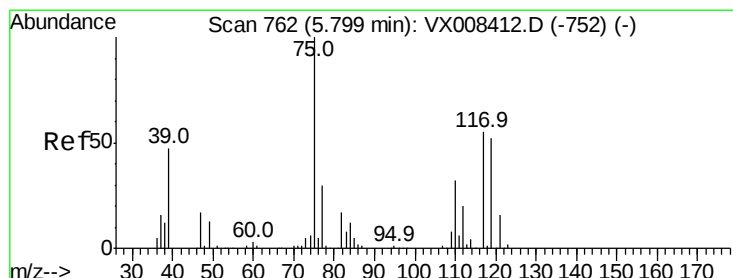
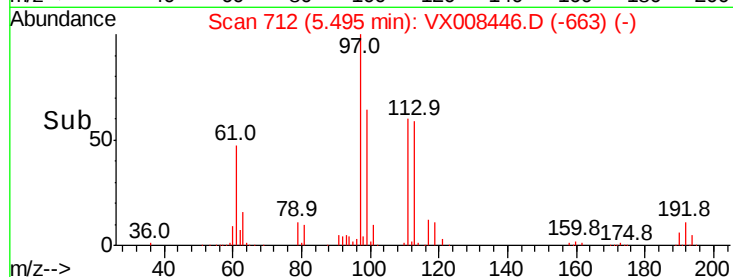
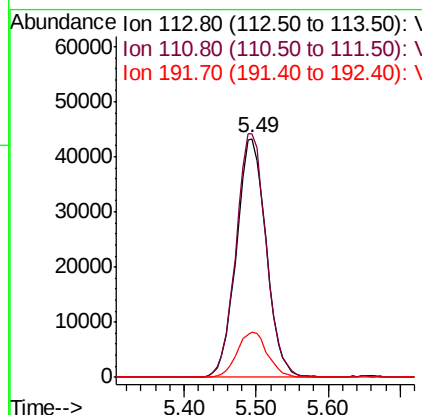
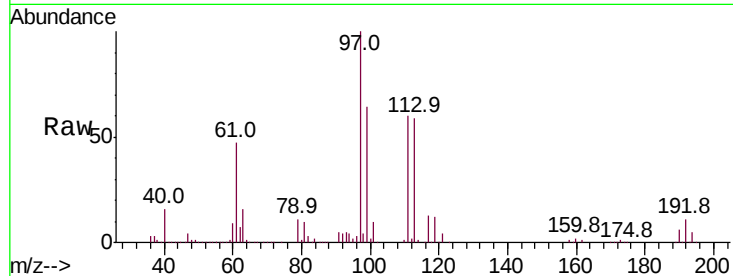
#35
 Dibromofluoromethane
 Concen: 50.902 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	19.4	15.6	23.4

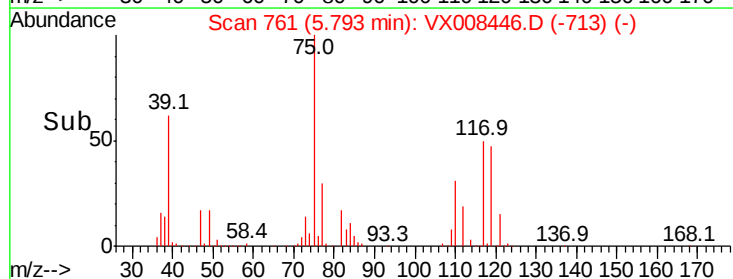
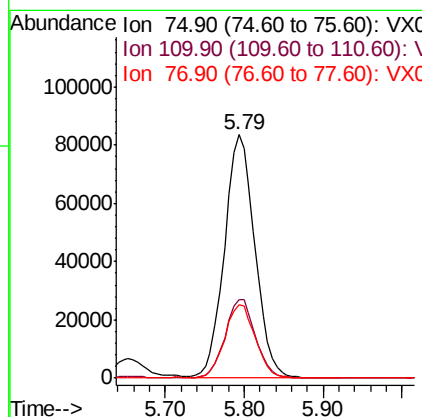
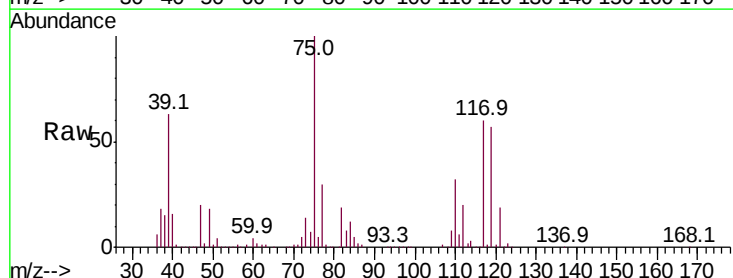
Manual Integrations
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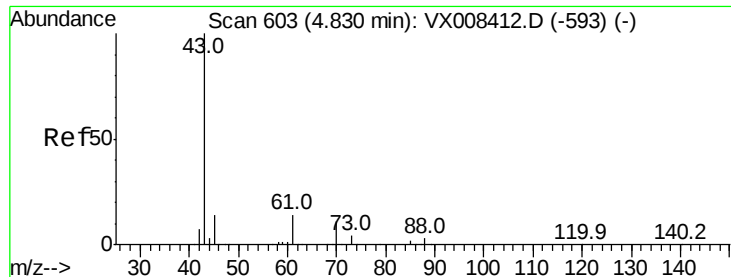
MMDadoda
 3/27/2019 10:40:44 AM



#36
 1,1-Dichloropropene
 Concen: 55.754 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.6	49.7
77	30.5	24.2	36.2





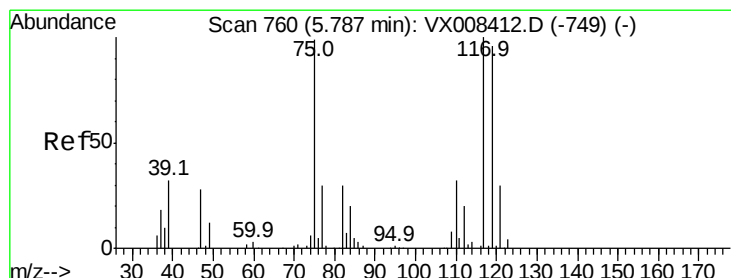
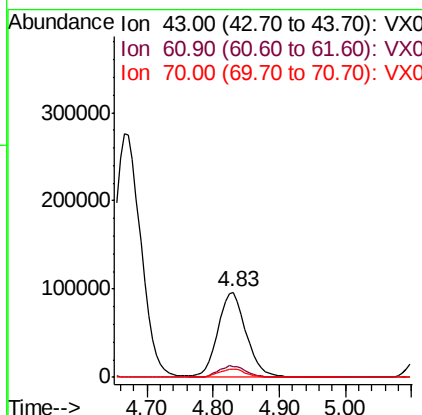
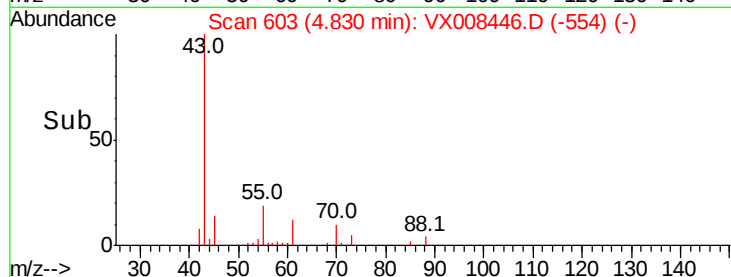
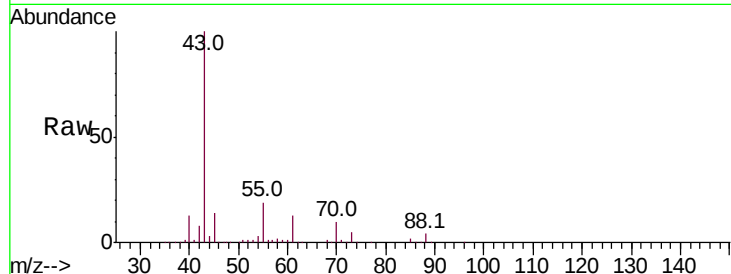
#37
Ethyl Acetate
Concen: 54.824 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	10.0	7.8	11.8

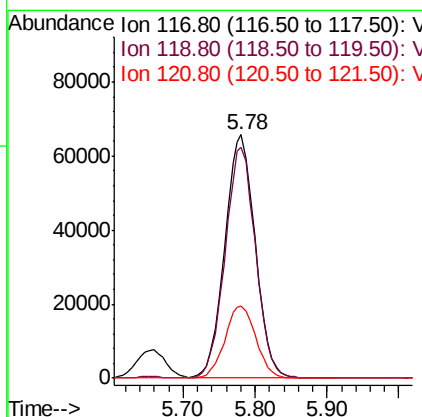
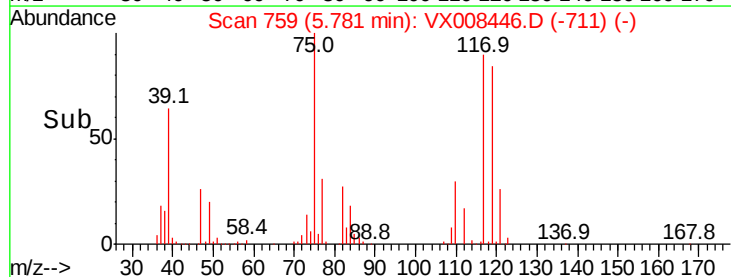
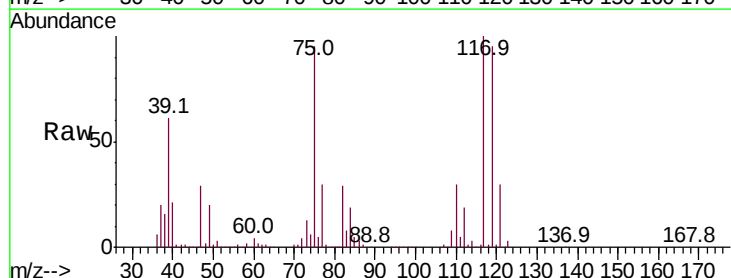
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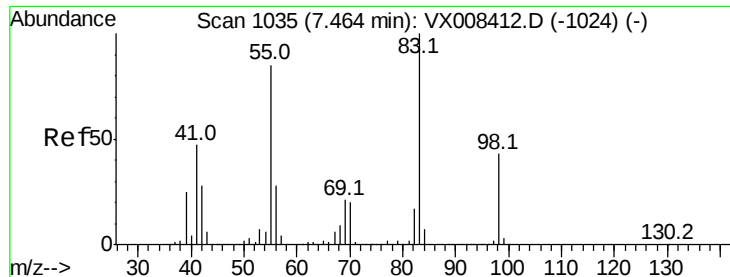
MMDadoda
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#38
Carbon Tetrachloride
Concen: 57.685 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.7	115.1
121	29.8	24.3	36.5





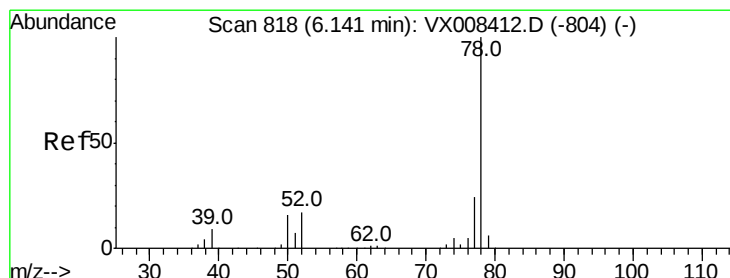
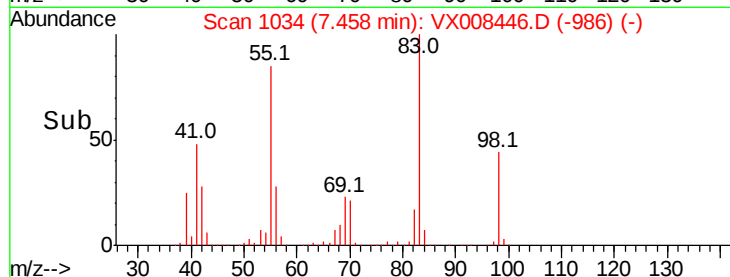
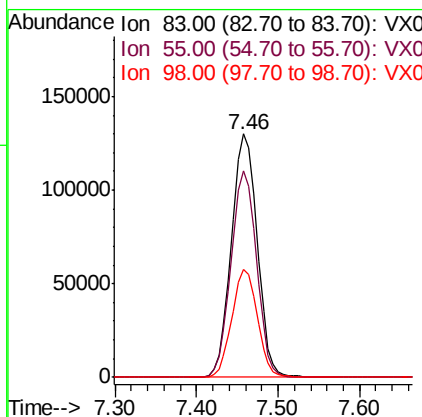
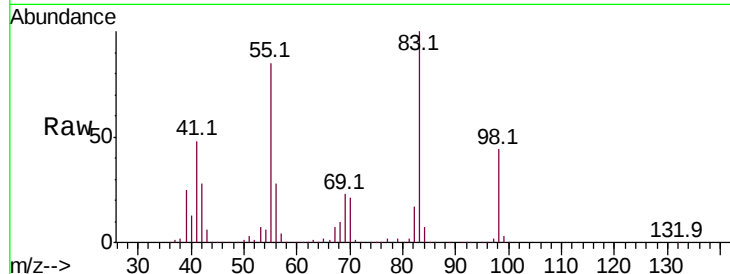
#39
Methvlcvclohexane
Concen: 59.222 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.0	68.2	102.4
98	44.1	34.2	51.4

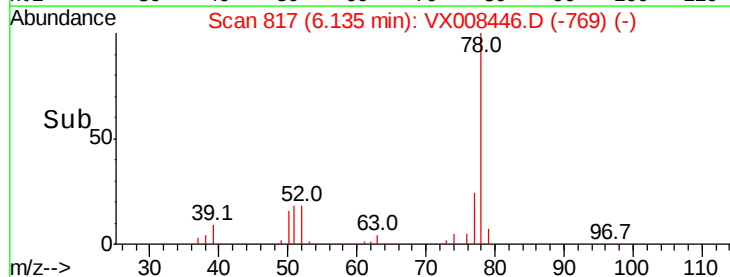
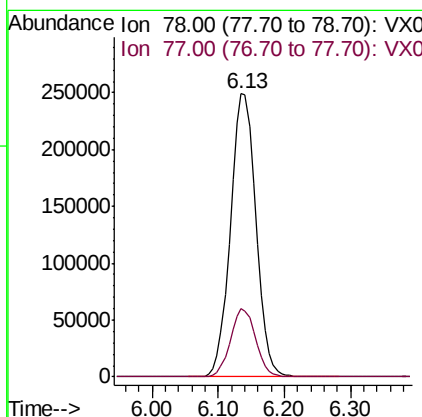
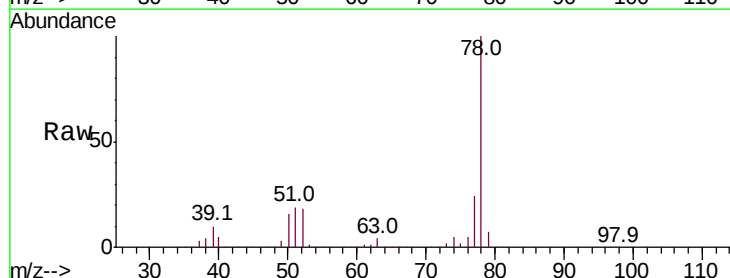
Manual Integrations
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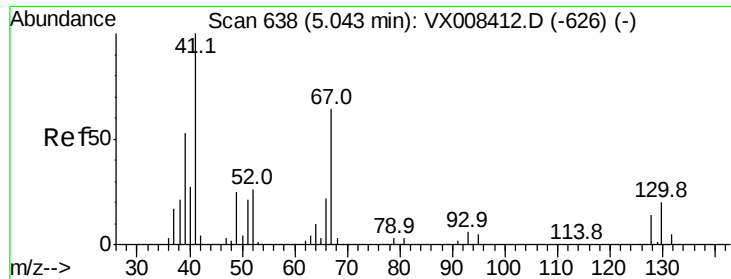
MMDadoda
3/27/2019 10:40:44 AM



#40
Benzene
Concen: 55.537 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





#41

Methacrylonitrile

Concen: 55.654 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 162158

Ion Ratio Lower Upper

41 100

39 53.0 42.6 64.0

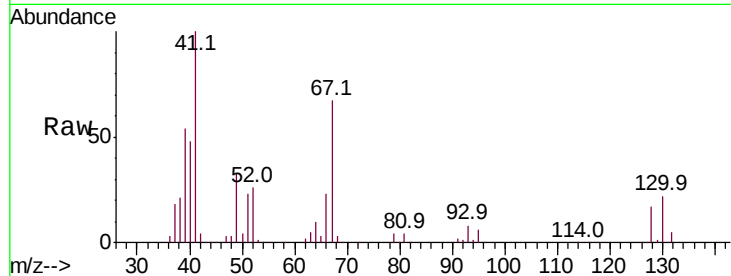
67 64.9 52.2 78.4

52 26.6 21.4 32.0

Manual Integrations
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MMDadoda

3/27/2019 10:40:44 AM

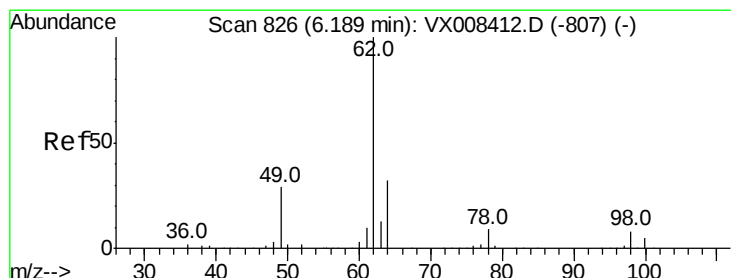
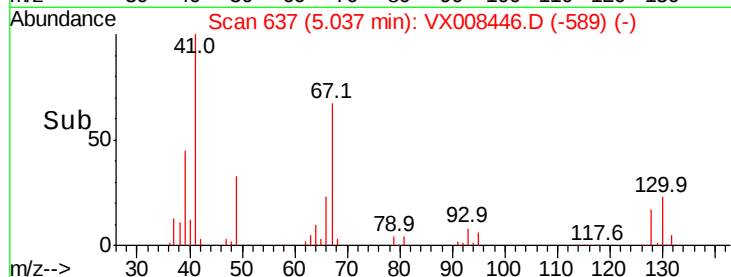
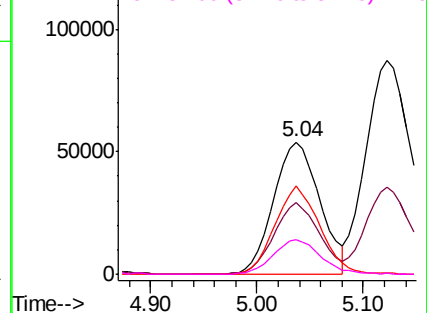


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.317 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX008446.D

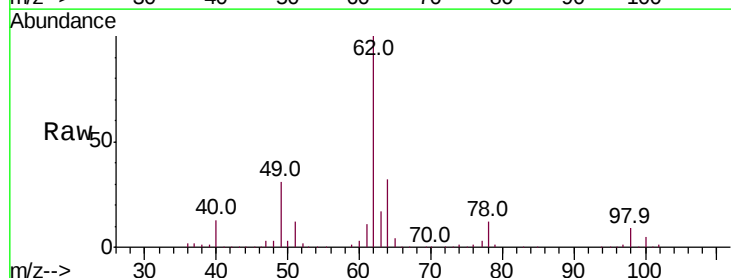
Acq: 26 Mar 2019 09:57

Tgt Ion: 62 Resp: 238280

Ion Ratio Lower Upper

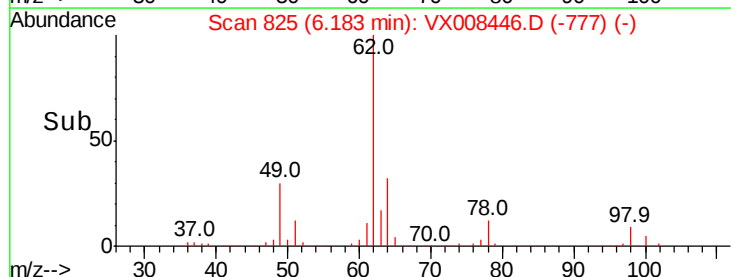
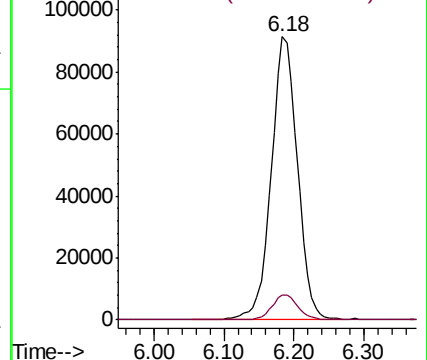
62 100

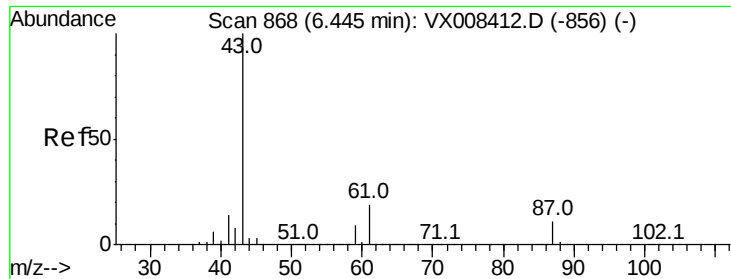
98 8.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

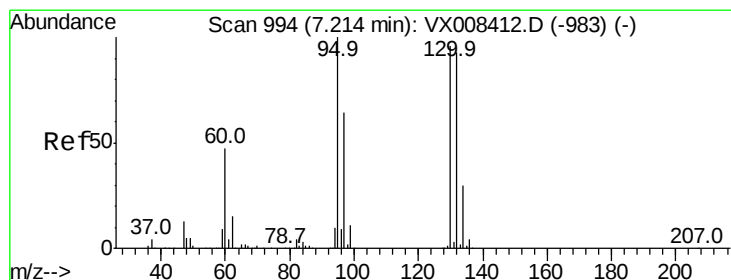
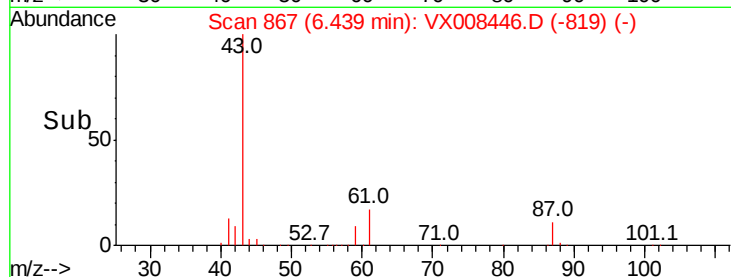
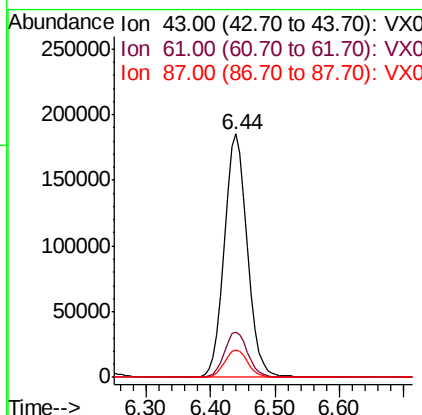
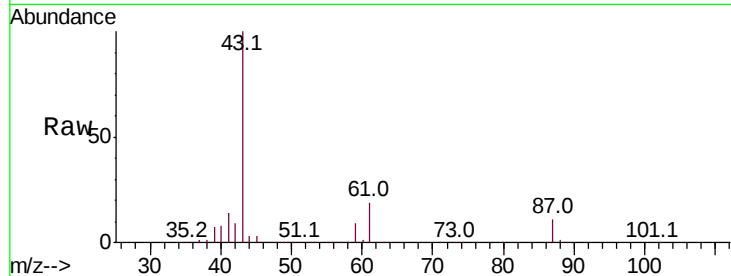
Isopropyl Acetate
 Concen: 56.025 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.2
87	11.5	9.1	13.7

Manual Integrations
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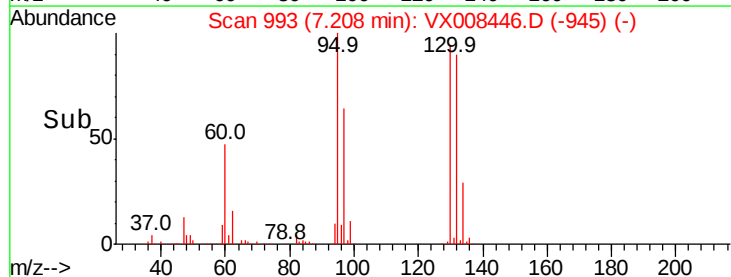
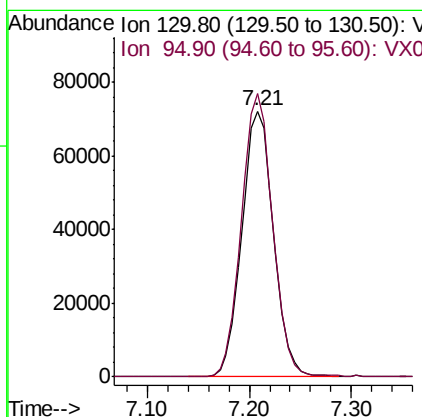
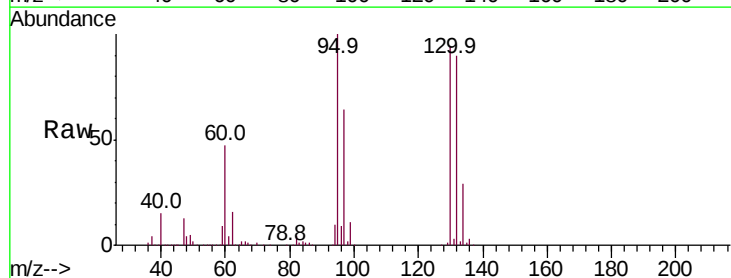
MMDadoda
 3/27/2019 10:40:44 AM

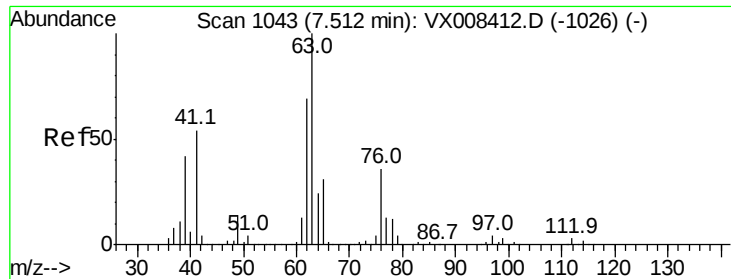


#44

Trichloroethene
 Concen: 55.348 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.4	0.0	208.8





#45

1,2-Dichloropropane

Concen: 56.534 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 192532

Ion Ratio Lower Upper

63 100

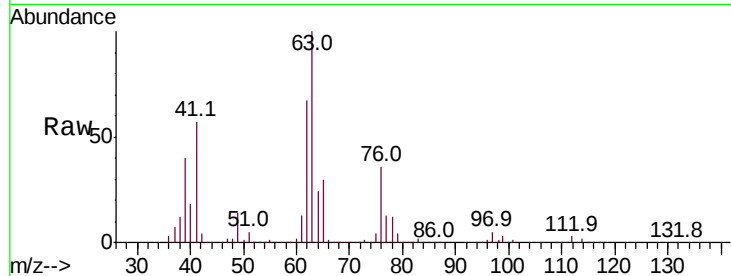
65 30.4 25.1 37.7

Manual Integrations

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MMDadoda

3/27/2019 10:40:44 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

100000

80000

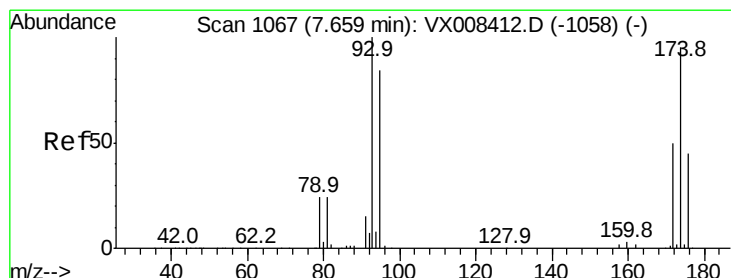
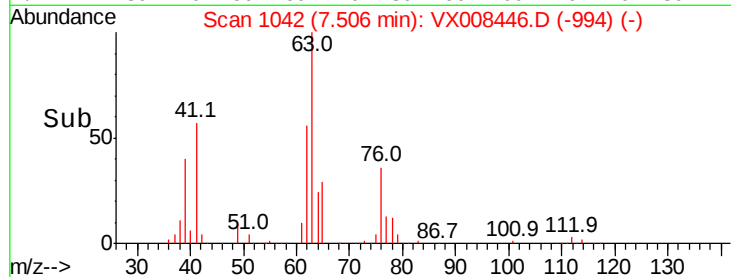
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 55.212 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

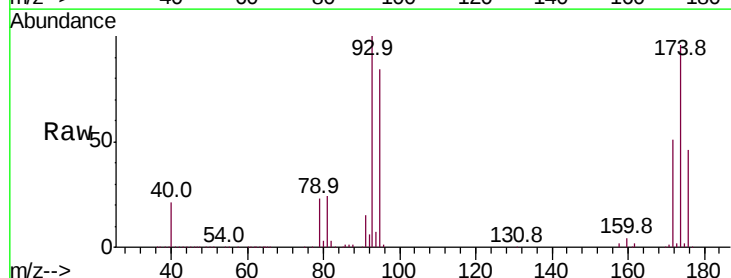
Tgt Ion: 93 Resp: 109801

Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

174 94.2 76.0 114.0



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

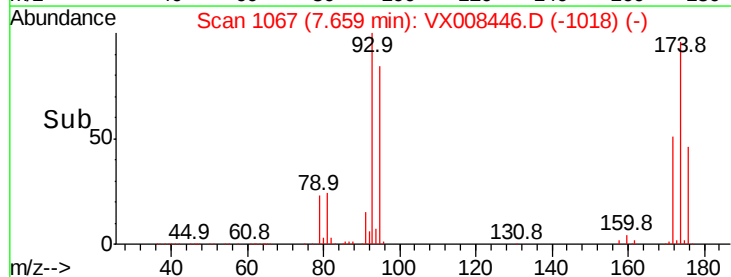
60000

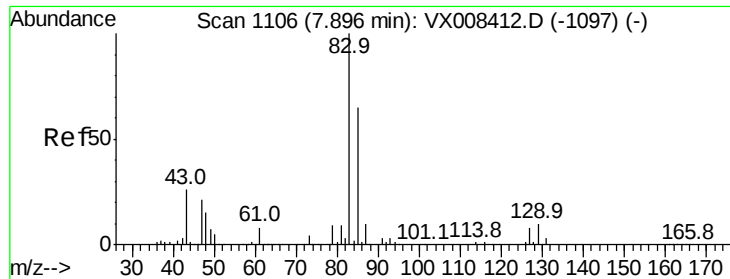
40000

20000

0

Time-->





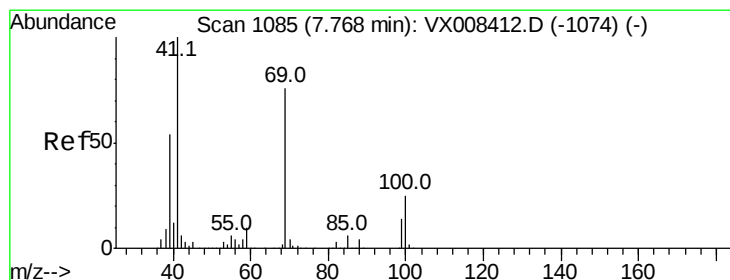
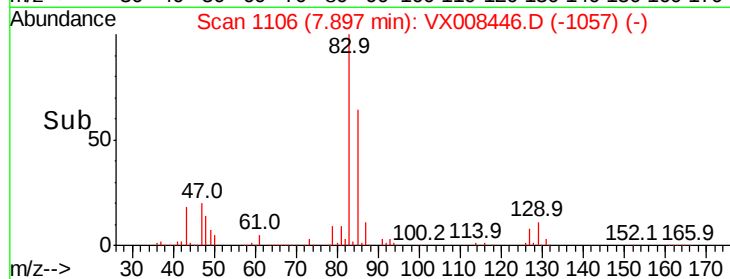
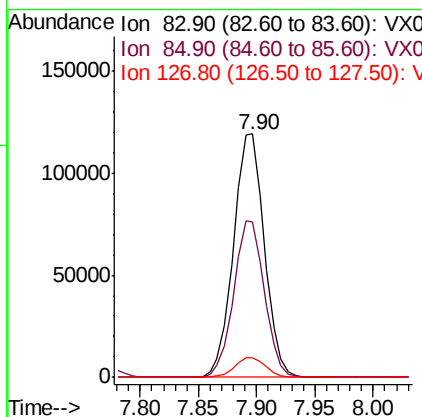
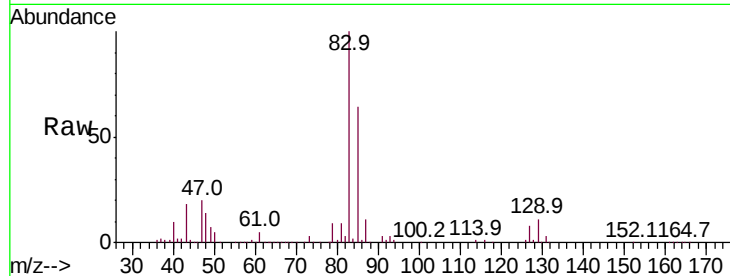
#47
Bromodichloromethane
Concen: 58.038 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.0	78.0
127	8.0	6.4	9.6

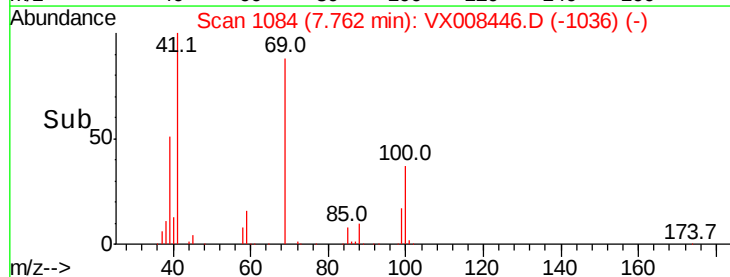
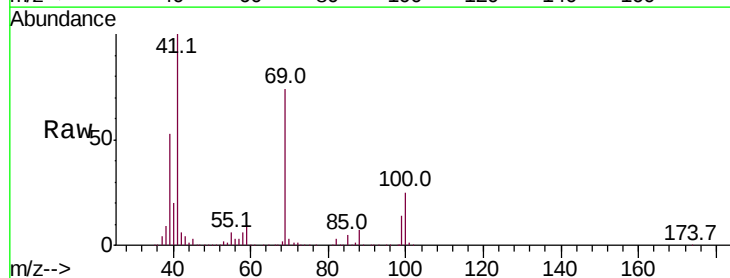
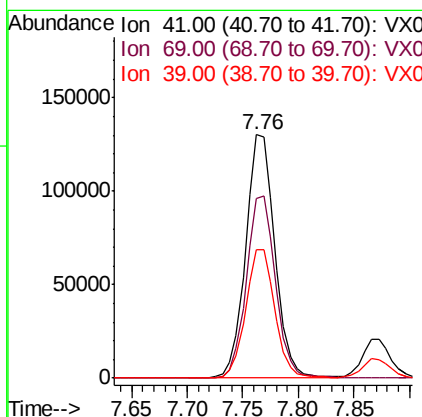
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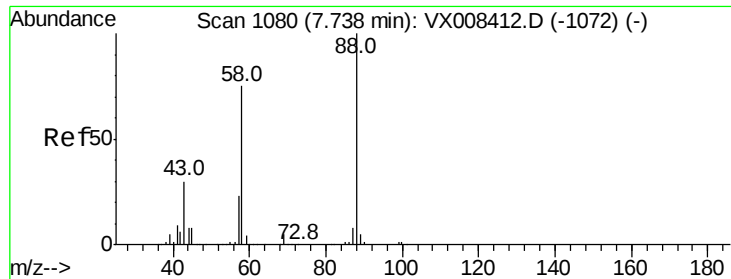
MMDadoda
3/27/2019 10:40:44 AM



#48
Methyl methacrylate
Concen: 57.308 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.8	60.8	91.2
39	52.8	42.3	63.5





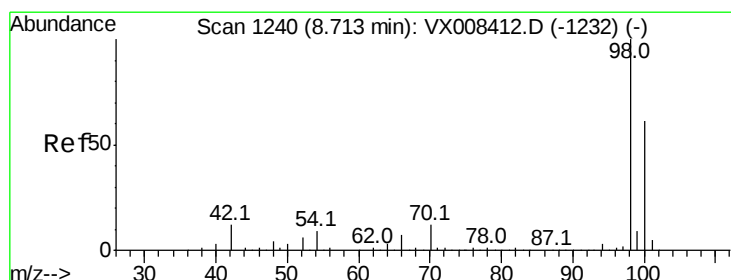
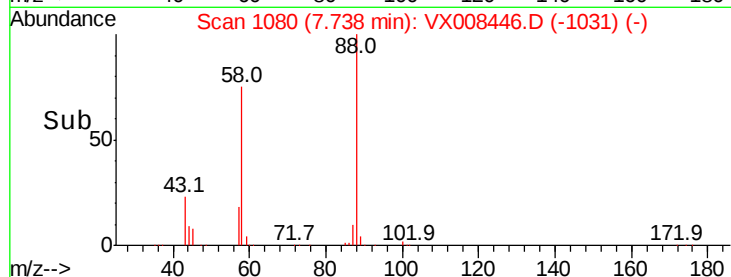
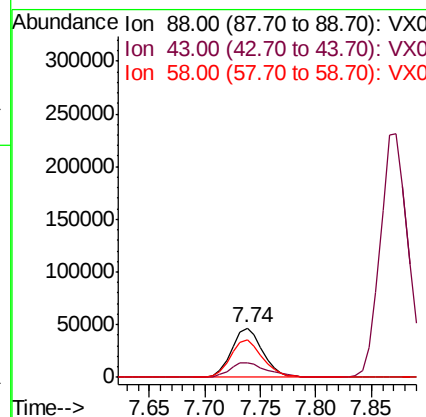
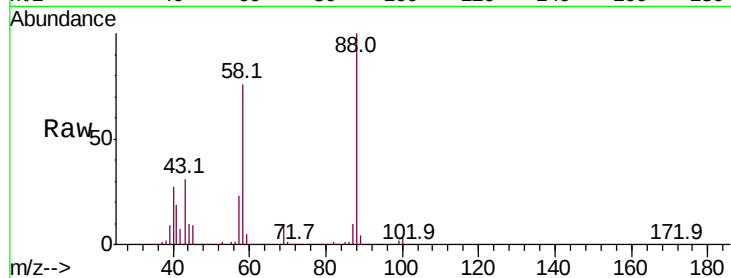
#49
1,4-Dioxane
Concen: 1098.874 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	28.6	43.0
58	78.9	63.0	94.4

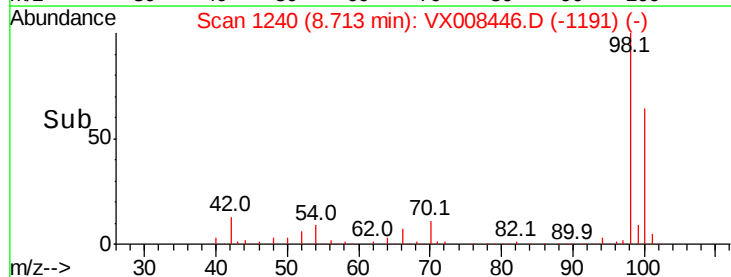
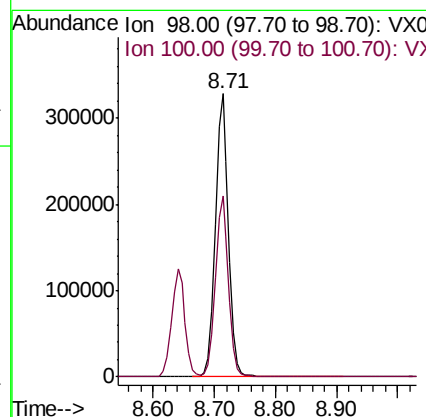
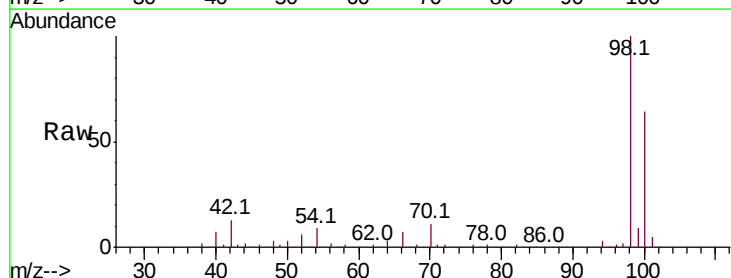
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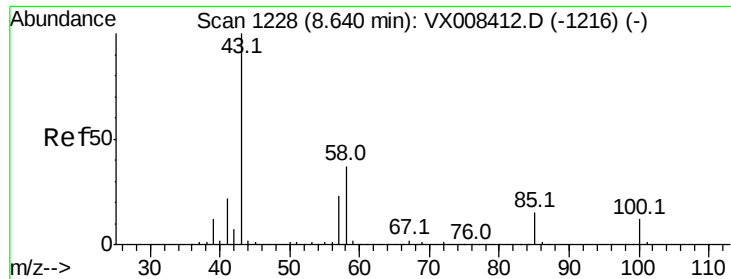
MMDadoda
3/27/2019 10:40:44 AM



#50
Toluene-d8
Concen: 51.194 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 285.509 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1537864

Ion Ratio Lower Upper

43 100

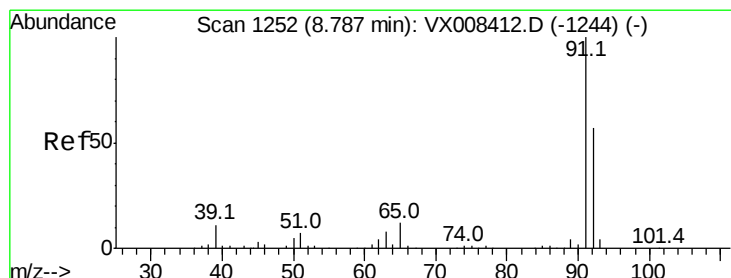
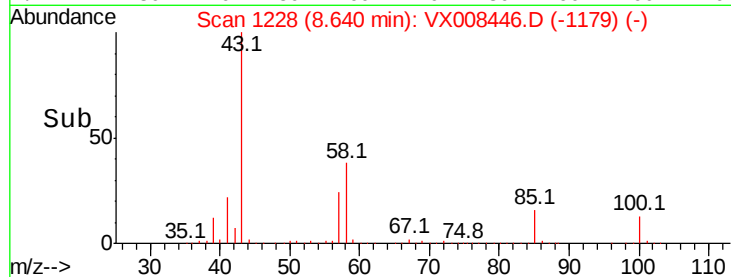
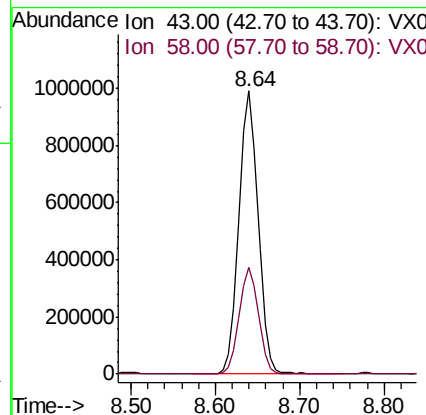
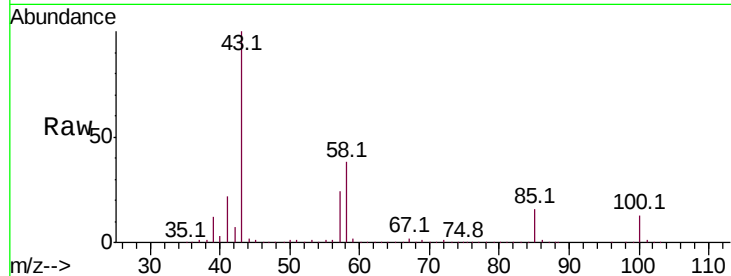
58 37.4 29.8 44.8

Manual Integrations

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MMDadoda

3/27/2019 10:40:44 AM



#52

Toluene

Concen: 56.529 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008446.D

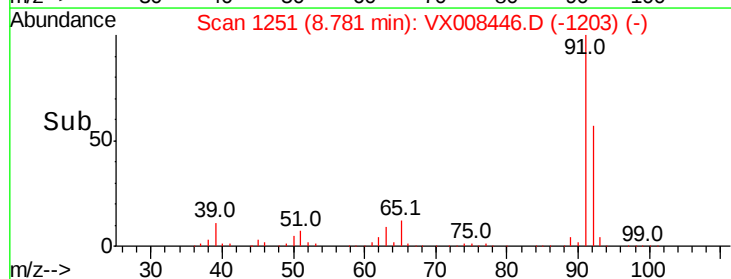
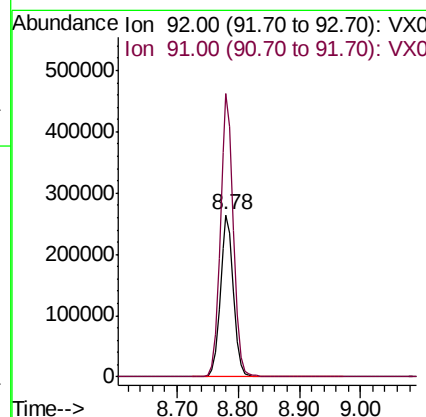
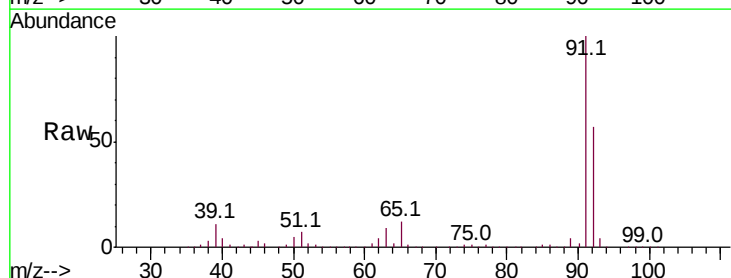
Acq: 26 Mar 2019 09:57

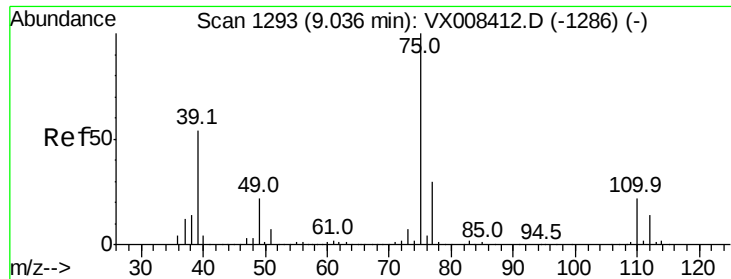
Tgt Ion: 92 Resp: 404975

Ion Ratio Lower Upper

92 100

91 174.0 140.2 210.4





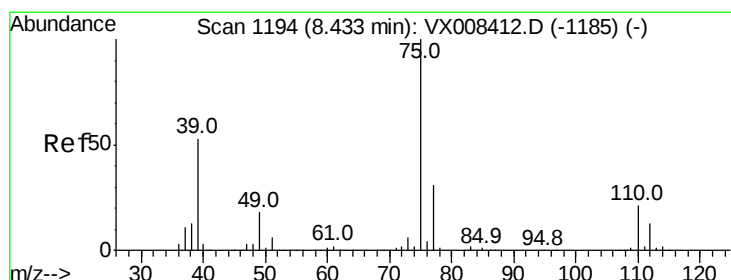
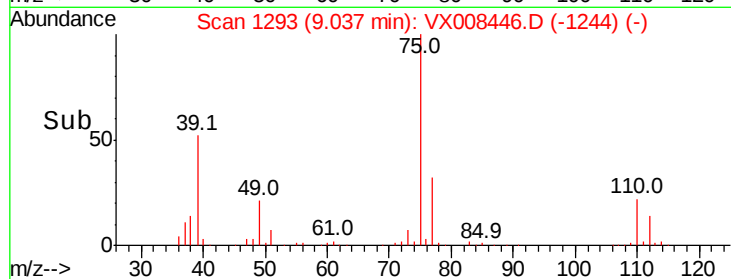
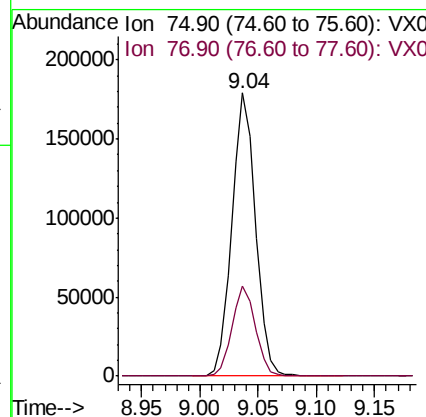
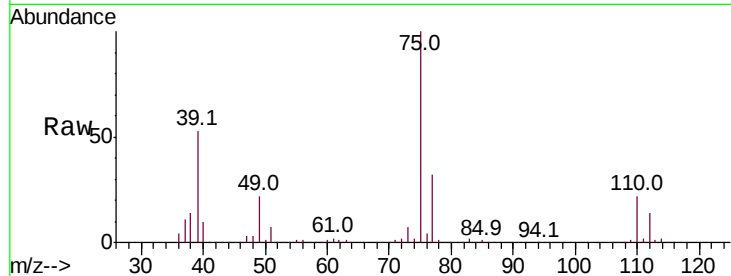
#53
t-1,3-Dichloropropene
Concen: 60.531 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.3	36.5

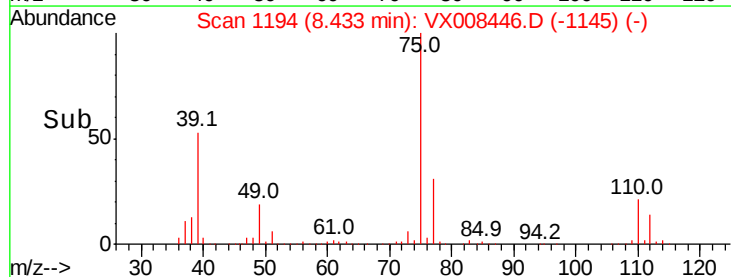
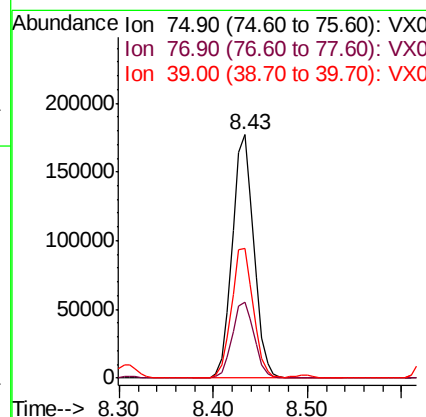
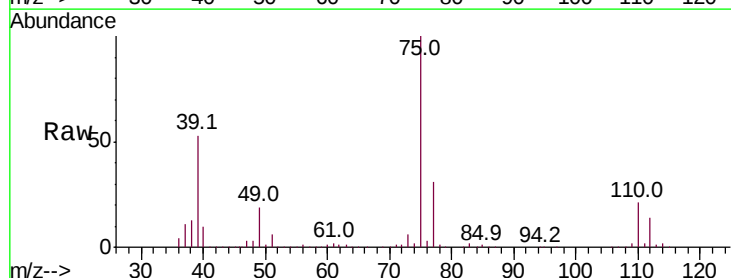
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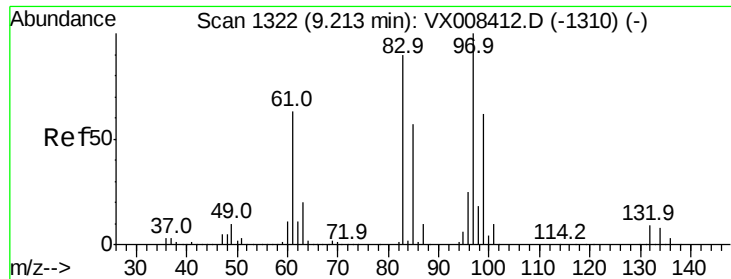
MMDadoda
3/27/2019 10:40:44 AM



#54
cis-1,3-Dichloropropene
Concen: 59.191 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1
39	53.1	42.4	63.6





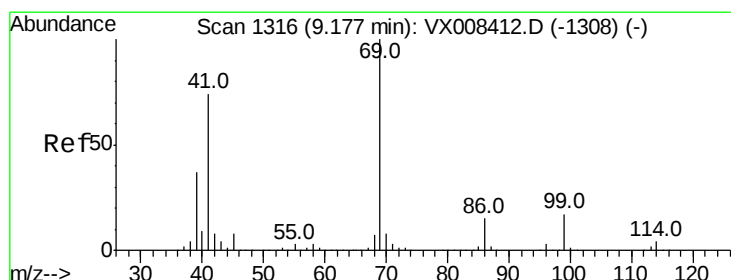
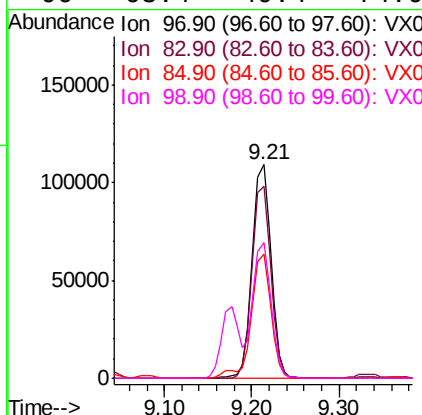
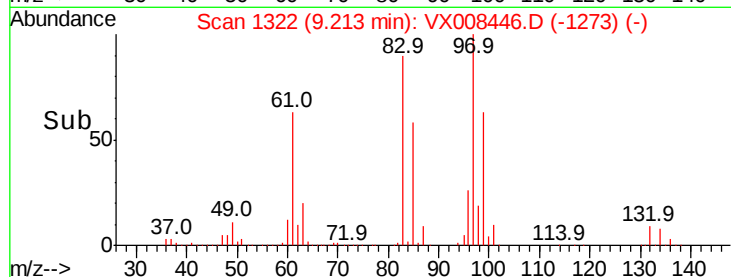
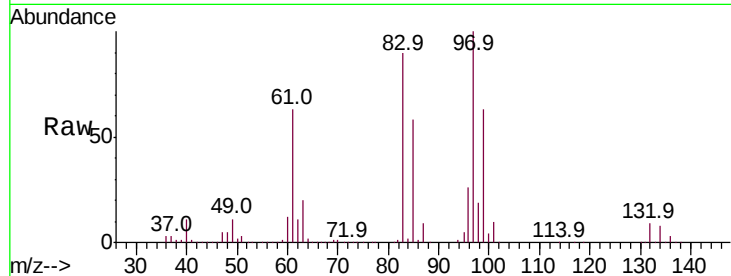
#55
 1,1,2-Trichloroethane
 Concen: 55.757 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	162603
Ion	Ratio	Lower	Upper
97	100		
83	90.0	71.8	107.6
85	58.0	45.9	68.9
99	63.4	49.4	74.0

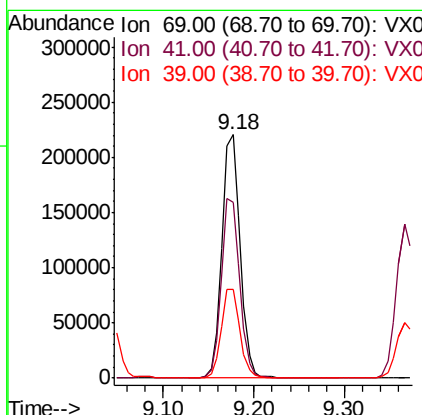
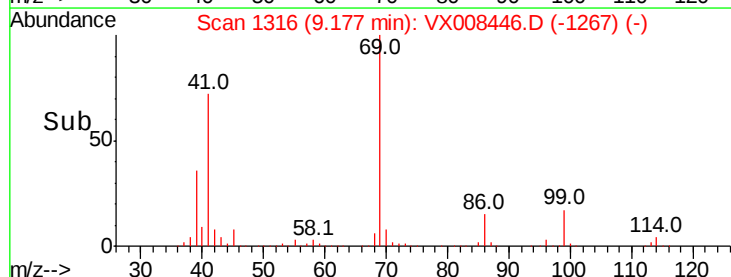
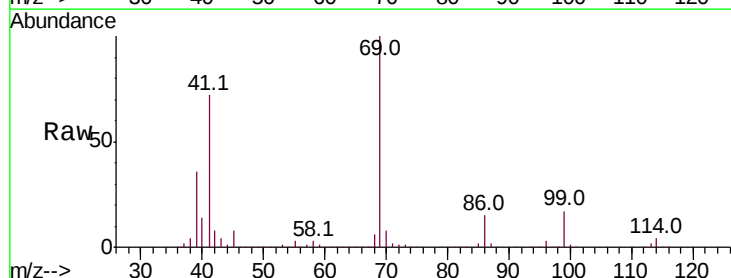
Manual Integrations
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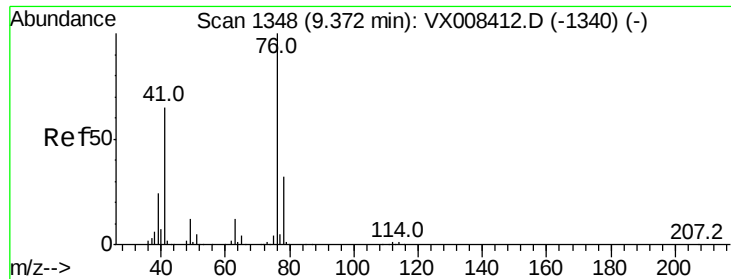
MMDadoda
 3/27/2019 10:40:44 AM



#56
 Ethyl methacrylate
 Concen: 58.939 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion:	69	Resp:	310262
Ion	Ratio	Lower	Upper
69	100		
41	74.2	59.5	89.3
39	37.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 55.806 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 291788

Ion Ratio Lower Upper

76 100

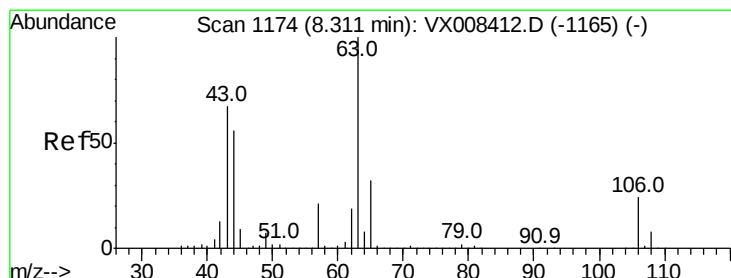
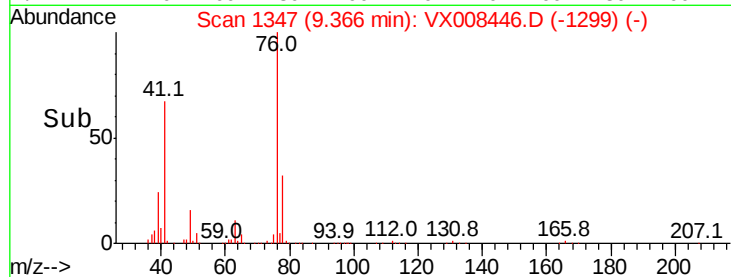
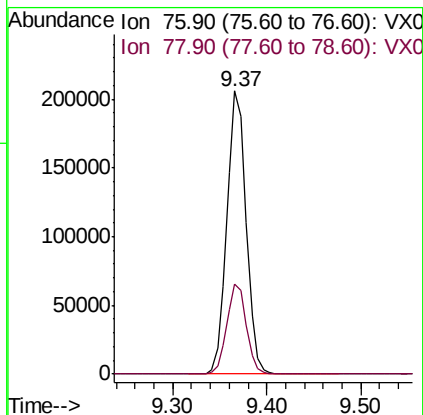
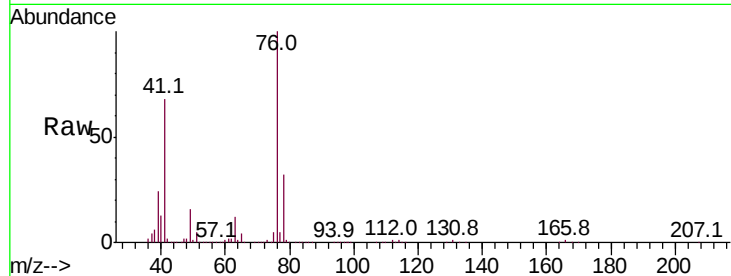
78 32.2 25.8 38.8

Manual Integrations

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MMDadoda

3/27/2019 10:40:44 AM



#58

2-Chloroethyl Vinyl ether

Concen: 259.587 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008446.D

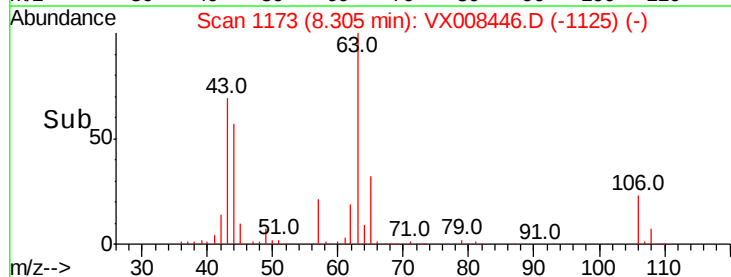
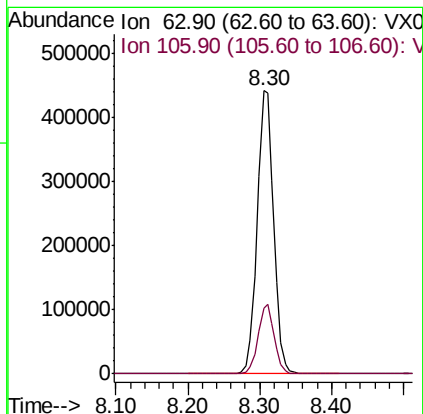
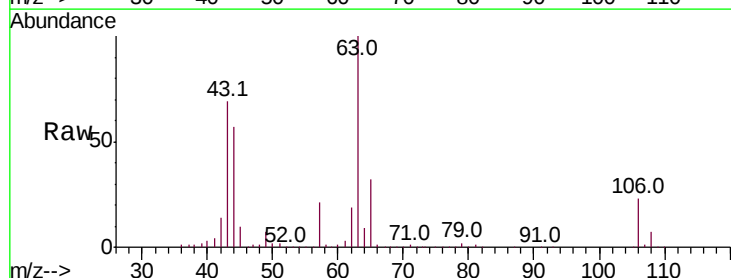
Acq: 26 Mar 2019 09:57

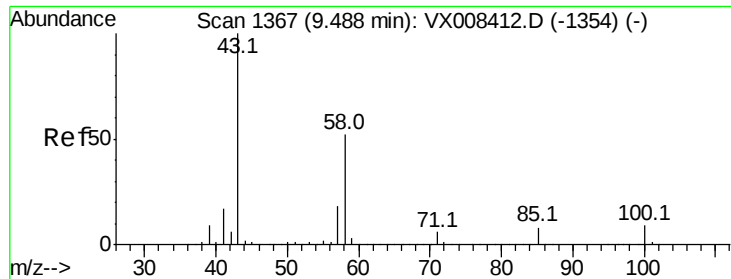
Tgt Ion: 63 Resp: 706365

Ion Ratio Lower Upper

63 100

106 23.9 19.0 28.6





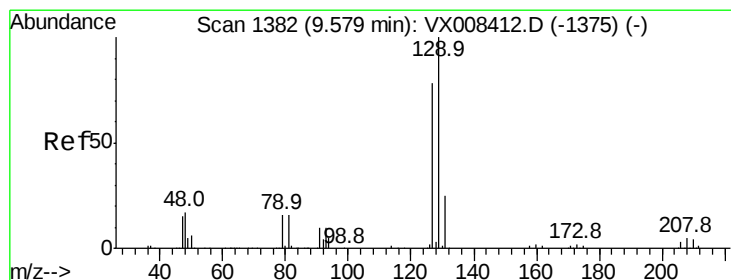
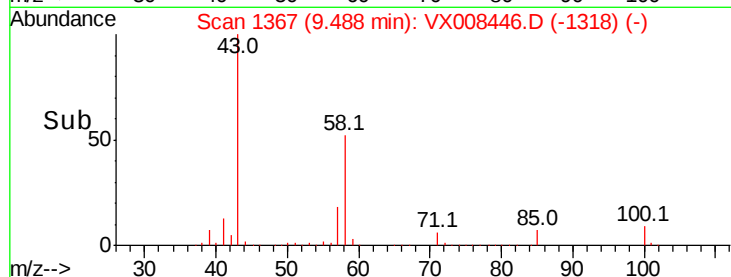
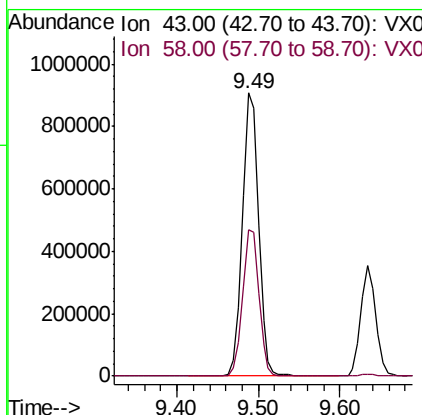
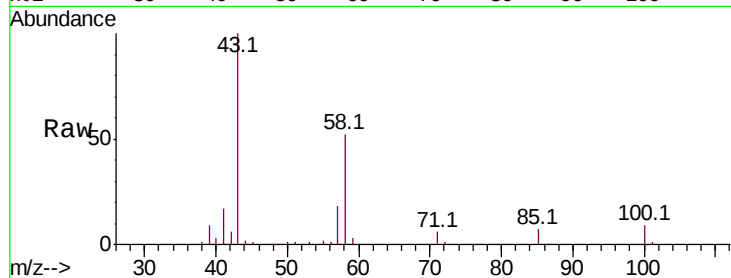
#59
2-Hexanone
Concen: 295.935 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1235138
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9

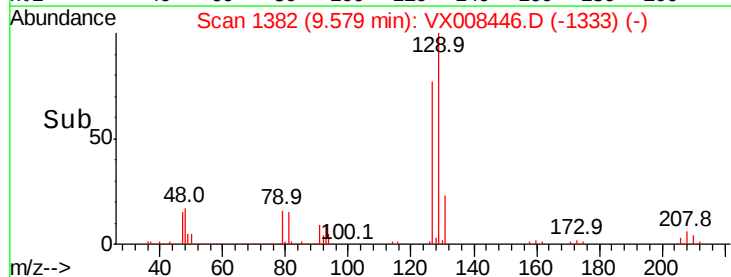
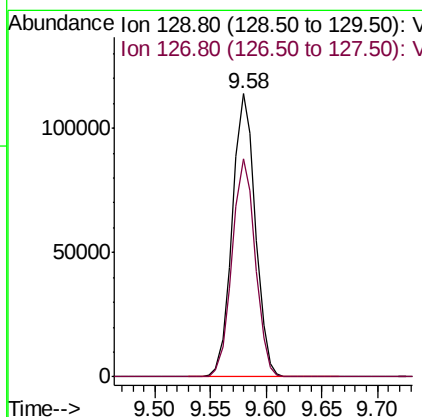
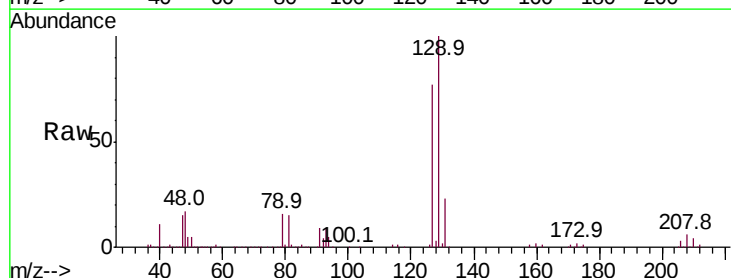
Manual Integrations
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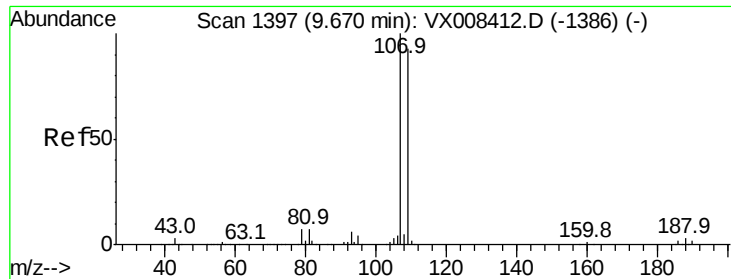
MMDadoda
3/27/2019 10:40:44 AM



#60
Dibromochloromethane
Concen: 58.972 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 129 Resp: 163556
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 56.659 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 168624

Ion Ratio Lower Upper

107 100

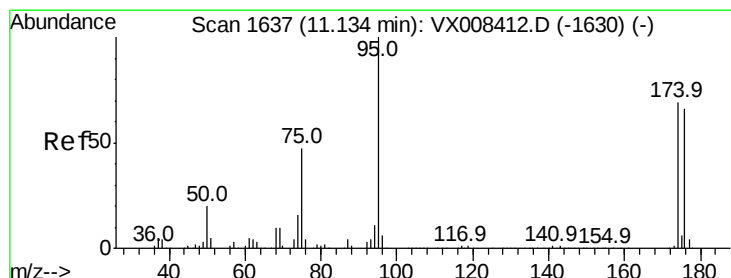
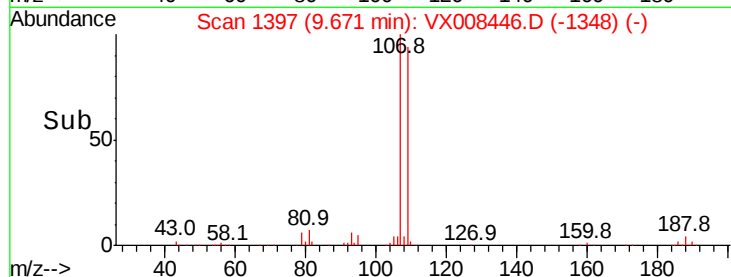
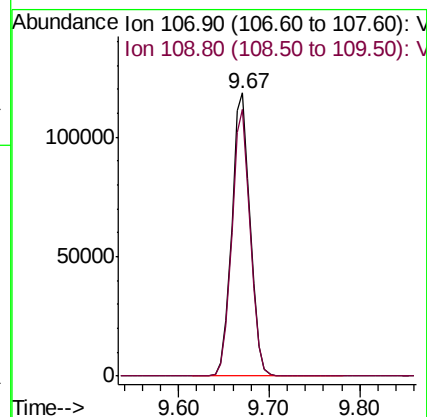
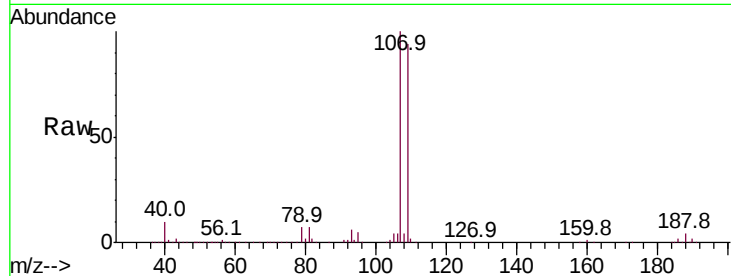
109 94.4 74.6 111.8

Manual Integrations

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MMDadoda

3/27/2019 10:40:44 AM



#62

4-Bromofluorobenzene

Concen: 53.659 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

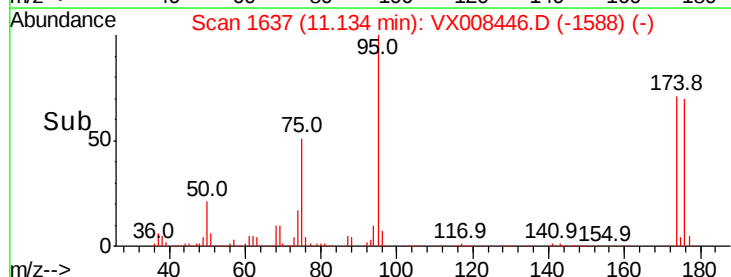
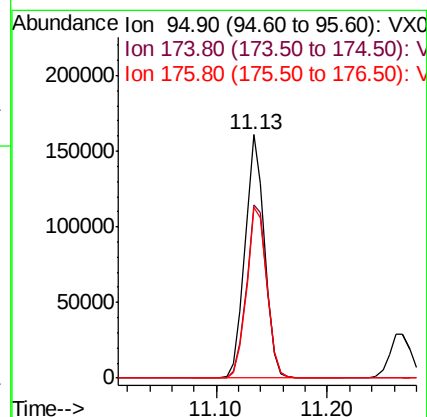
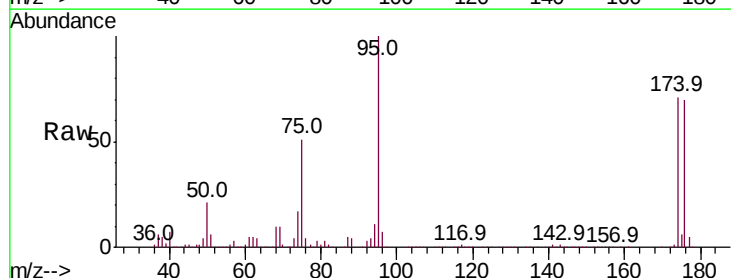
Tgt Ion: 95 Resp: 194598

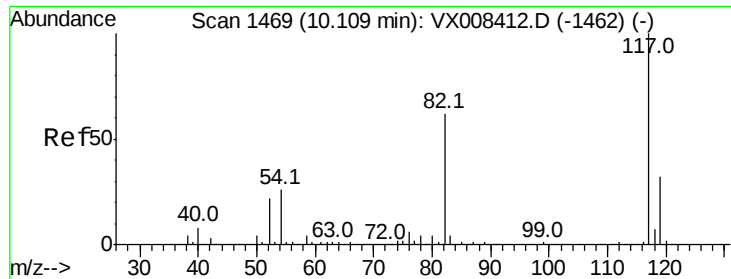
Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.2

176 72.6 0.0 142.4





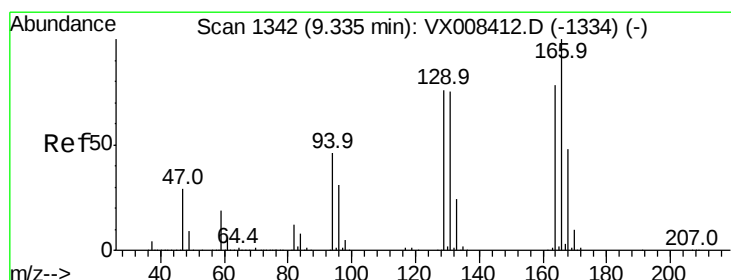
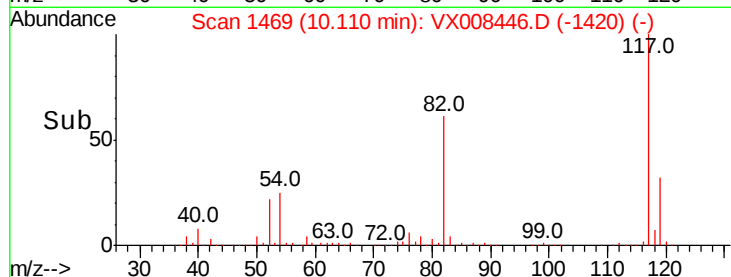
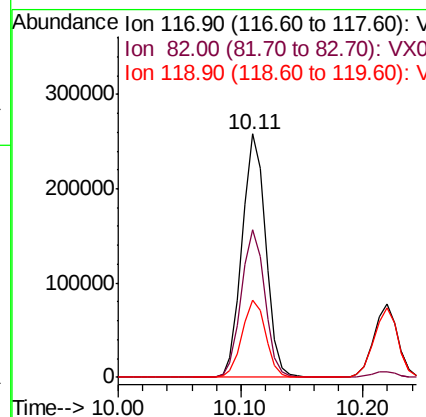
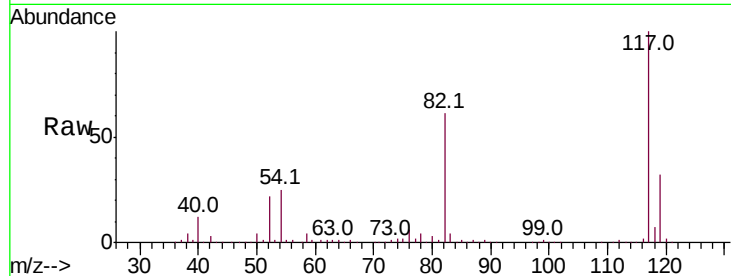
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.4	74.2
119	32.0	25.4	38.0

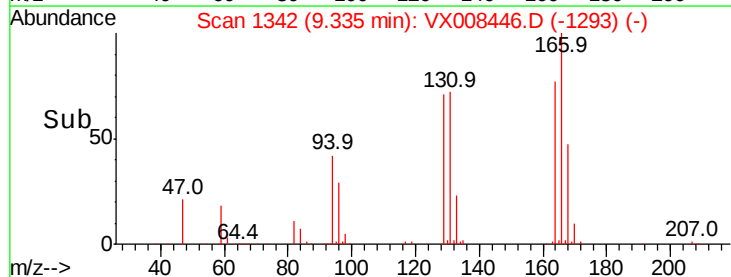
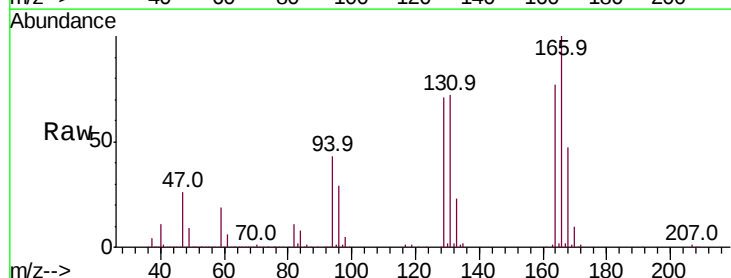
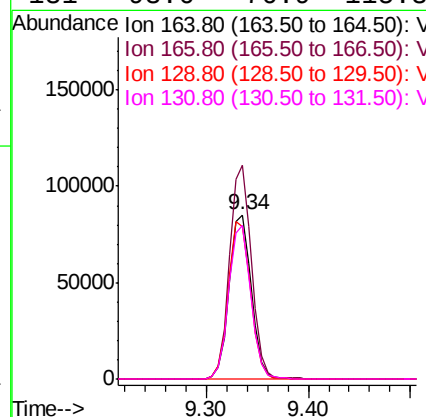
Manual Integrations
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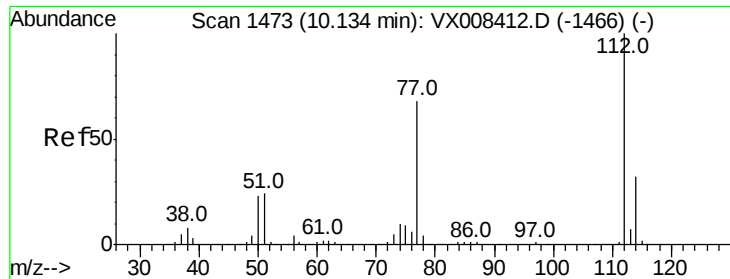
MMDadoda
3/27/2019 10:40:44 AM



#64
Tetrachloroethene
Concen: 54.596 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	102.5	153.7
129	93.0	77.8	116.8
131	93.6	76.9	115.3





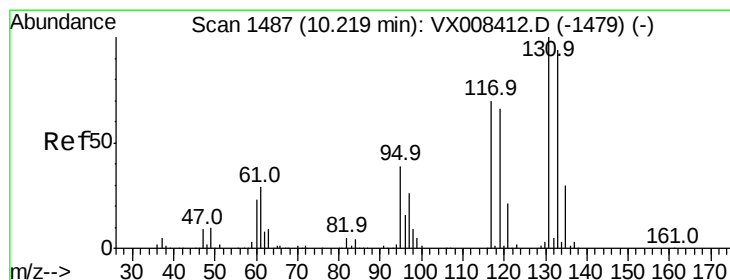
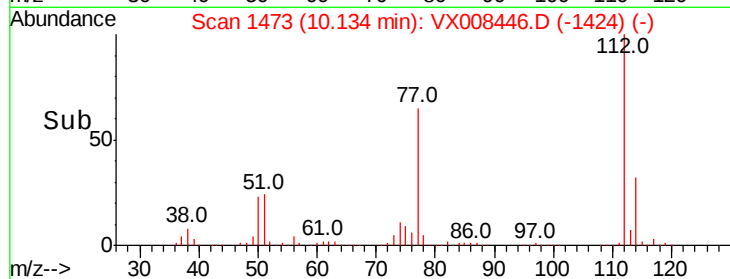
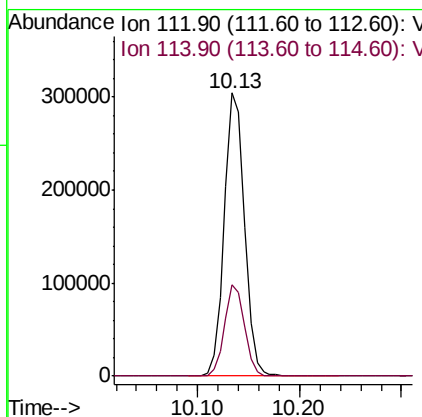
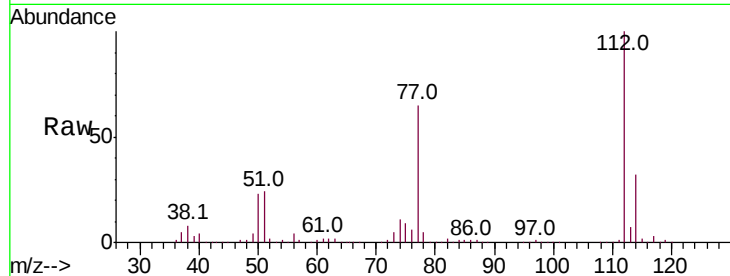
#65
Chlorobenzene
Concen: 55.976 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 418977
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

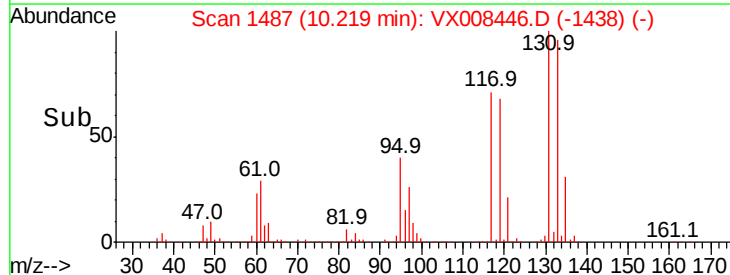
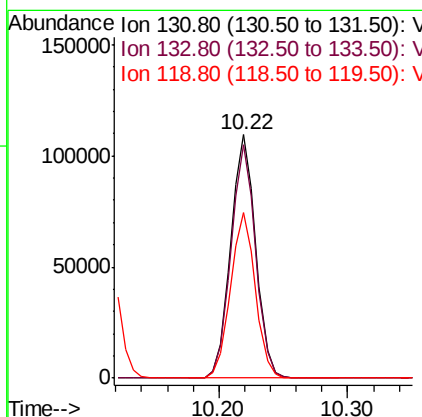
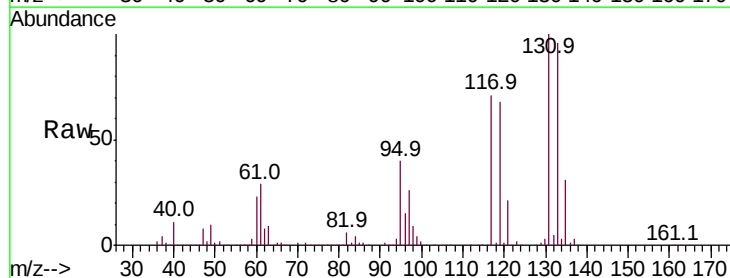
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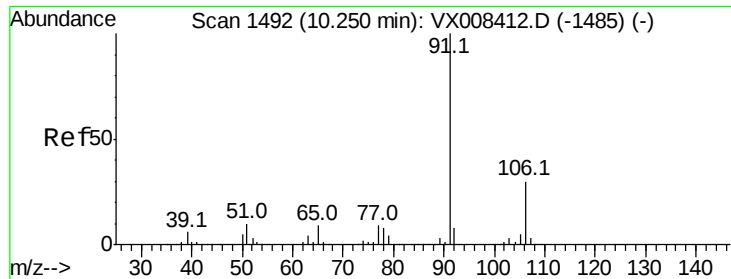
MMDadoda
3/27/2019 10:40:44 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 57.386 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion:131 Resp: 148191
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 67.7 33.6 100.6





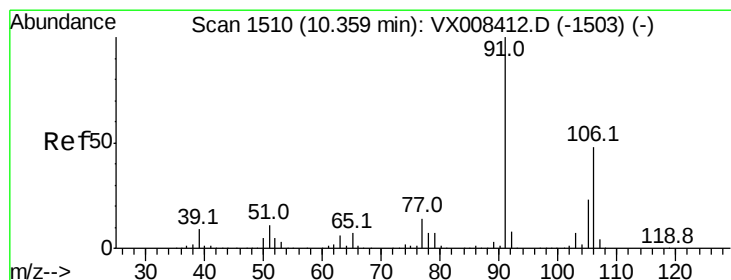
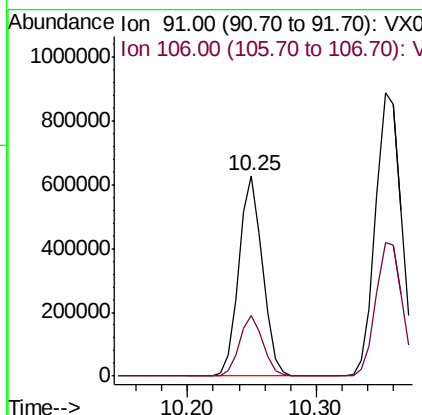
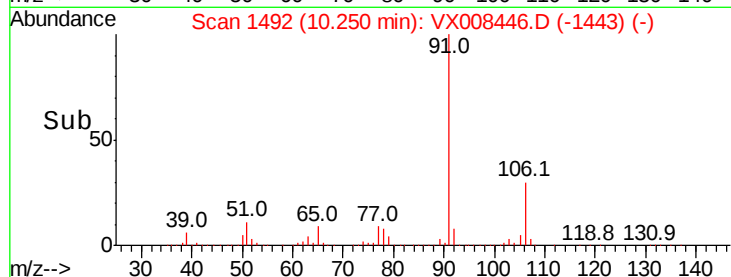
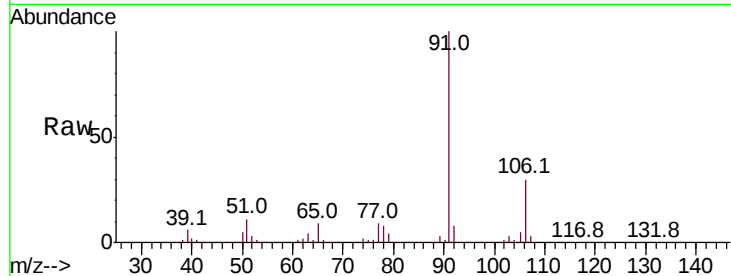
#67
Ethyl Benzene
Concen: 56.485 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 797923
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

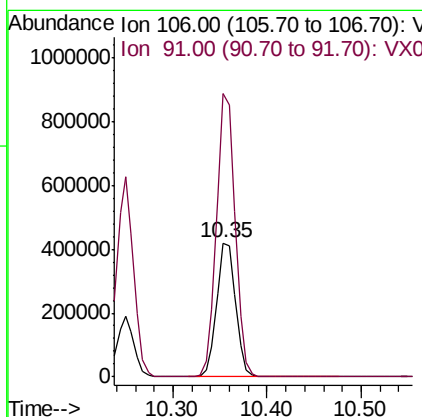
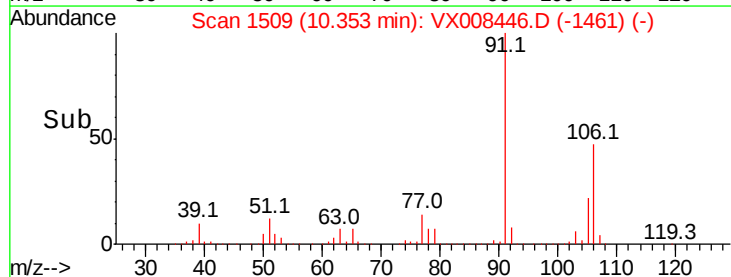
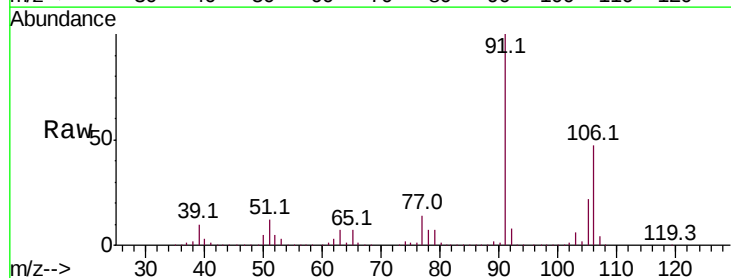
Manual Integrations
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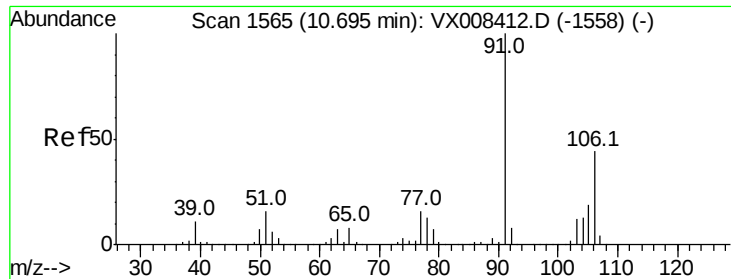
MMDadoda
3/27/2019 10:40:44 AM



#68
m/p-Xylenes
Concen: 113.689 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 106 Resp: 584255
Ion Ratio Lower Upper
106 100
91 209.2 168.6 253.0





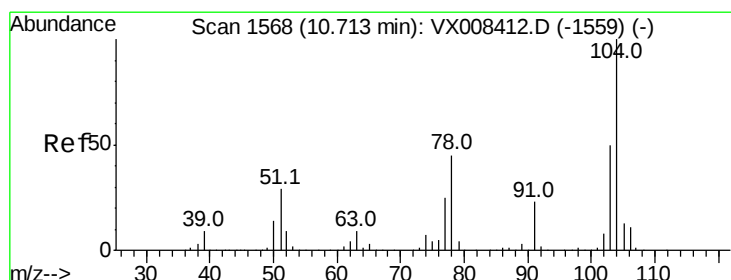
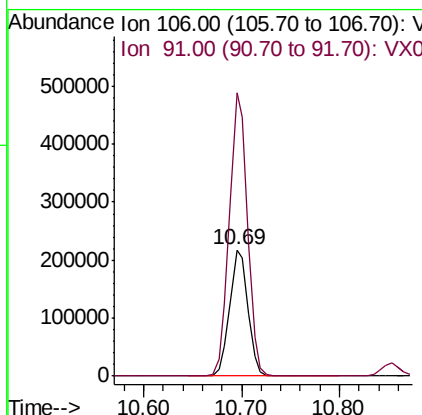
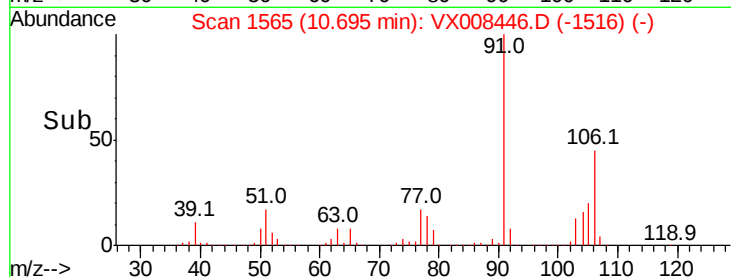
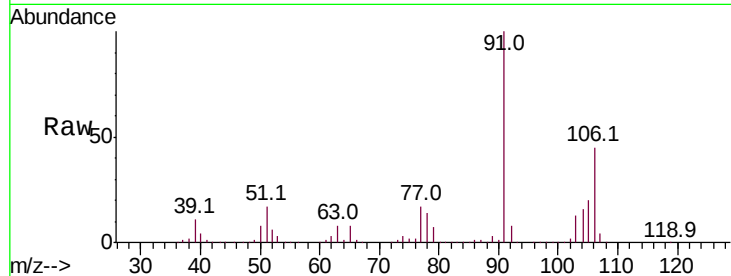
#69
o-Xylene
Concen: 56.518 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion:106 Resp: 281862
Ion Ratio Lower Upper
106 100
91 222.9 111.4 334.2

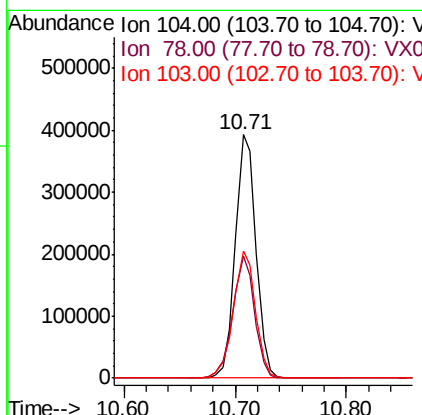
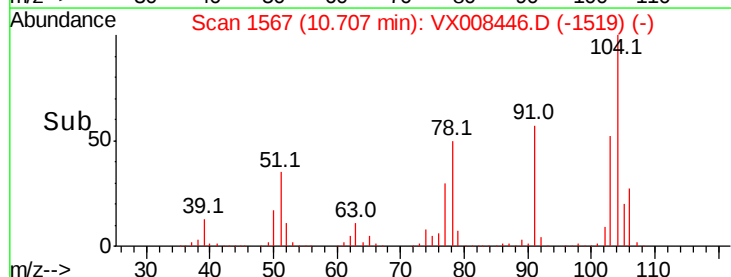
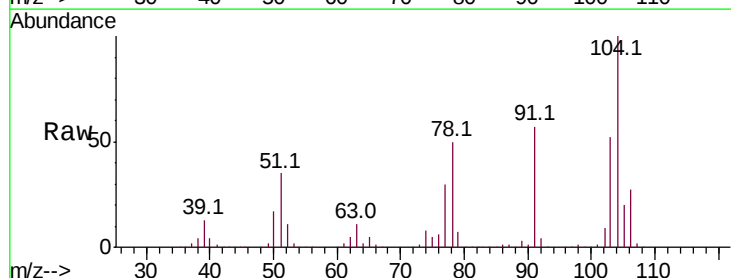
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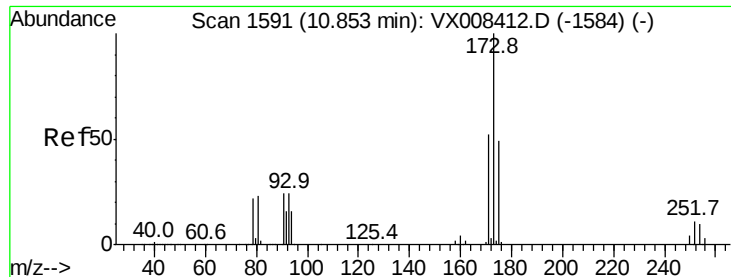
MMDadoda
3/27/2019 10:40:44 AM



#70
Styrene
Concen: 58.487 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion:104 Resp: 503835
Ion Ratio Lower Upper
104 100
78 53.1 42.5 63.7
103 55.6 44.2 66.4





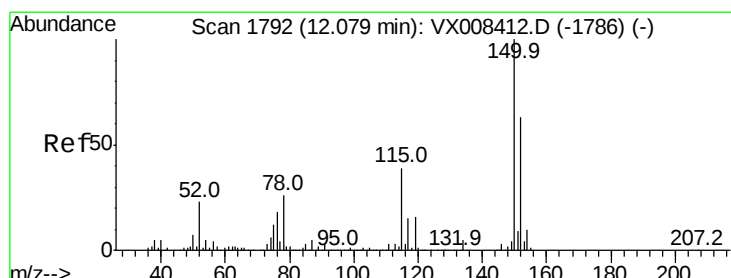
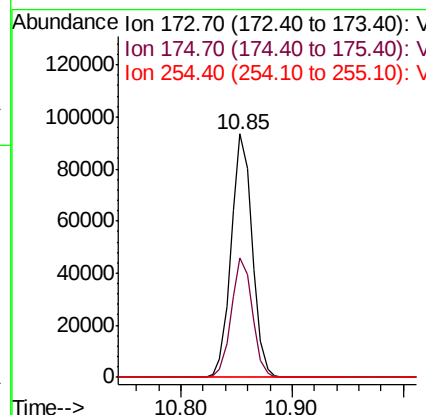
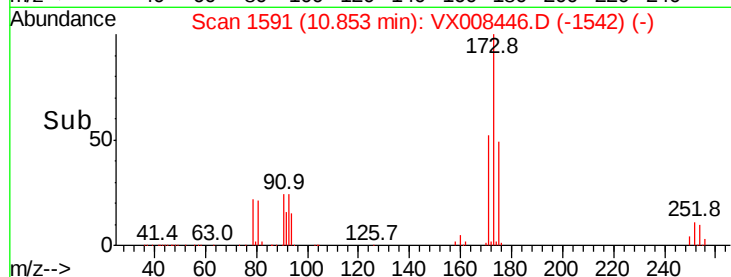
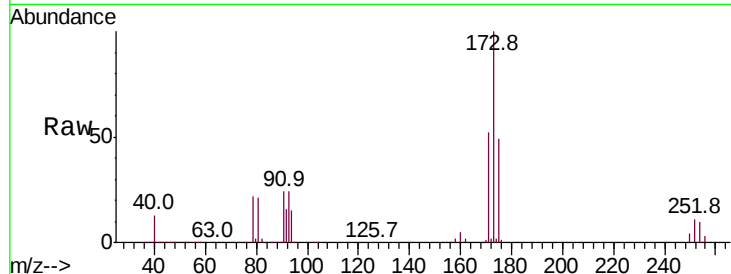
#71
Bromoform
Concen: 59.757 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.2	0.2	0.2

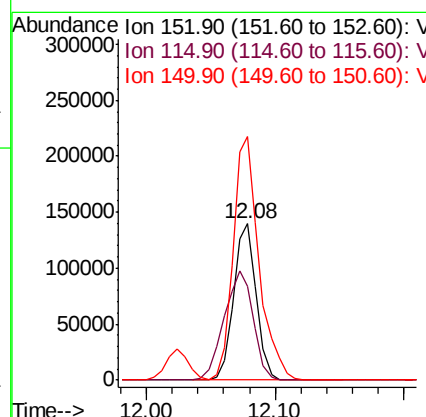
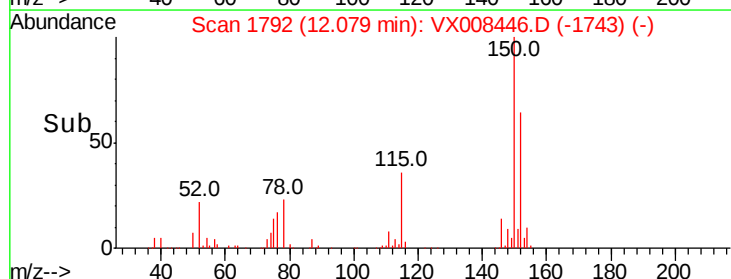
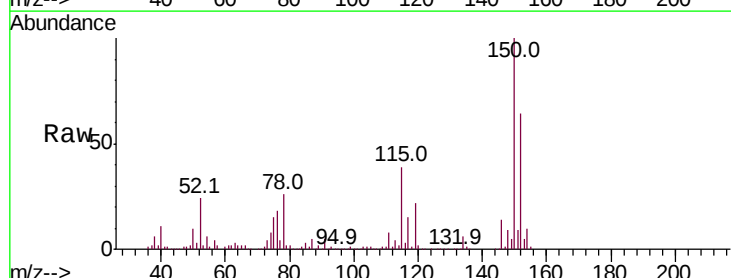
Manual Integrations
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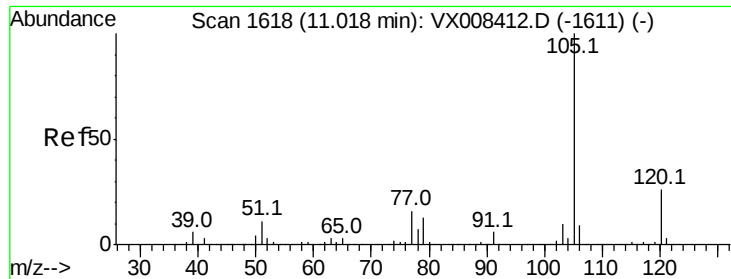
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	90.2	43.5	130.5
150	176.6	0.0	348.8





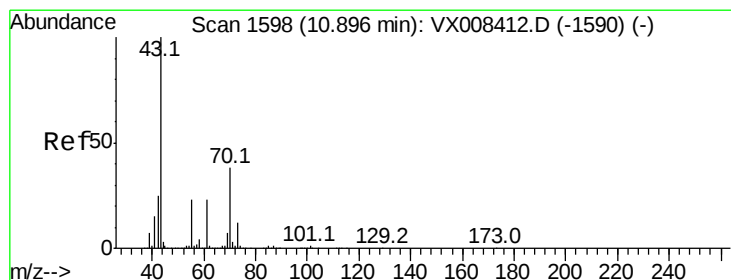
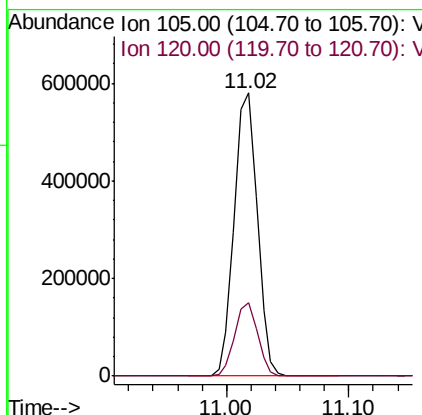
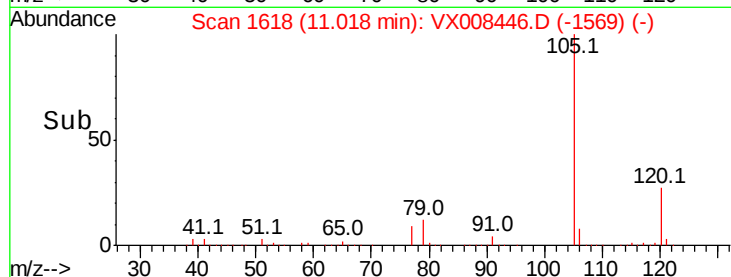
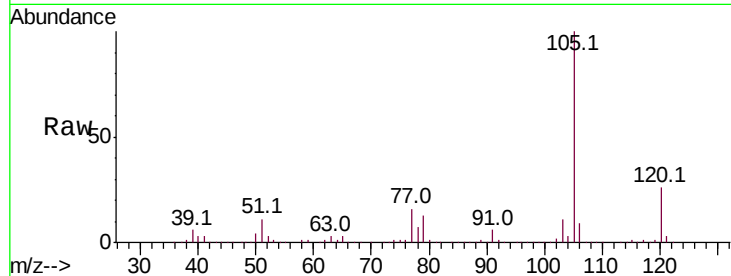
#73
Isopropylbenzene
Concen: 54.202 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 757850
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7

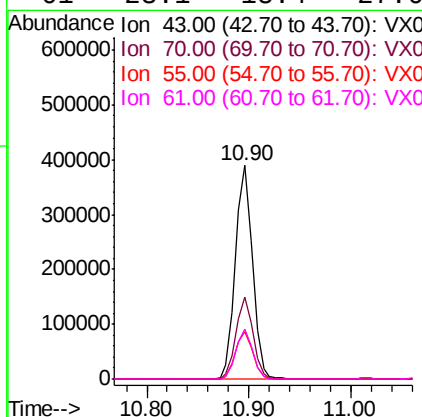
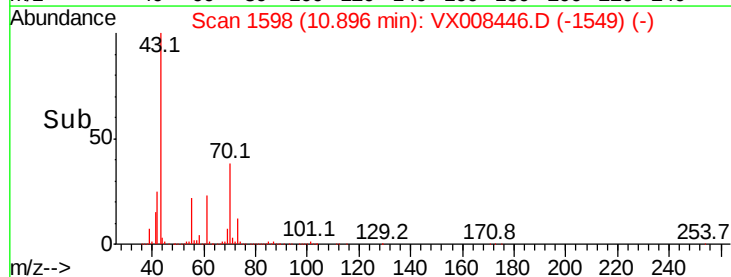
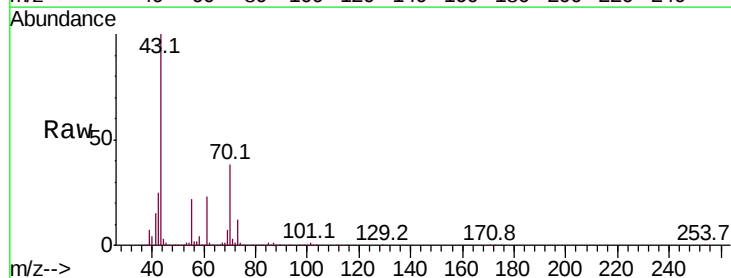
Manual Integrations
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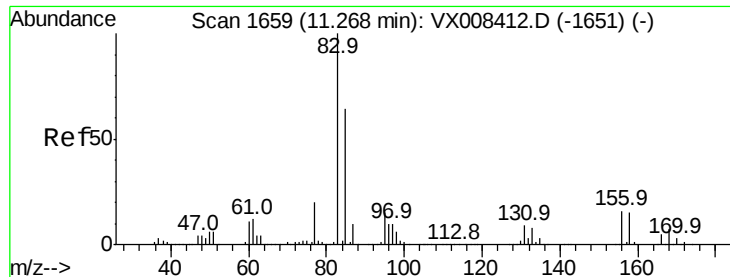
MMDadoda
3/27/2019 10:40:44 AM



#74
N-ethyl acetate
Concen: 55.081 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 43 Resp: 445770
Ion Ratio Lower Upper
43 100
70 38.1 30.5 45.7
55 22.6 18.2 27.2
61 23.1 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.729 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 280628

Ion Ratio Lower Upper

83 100

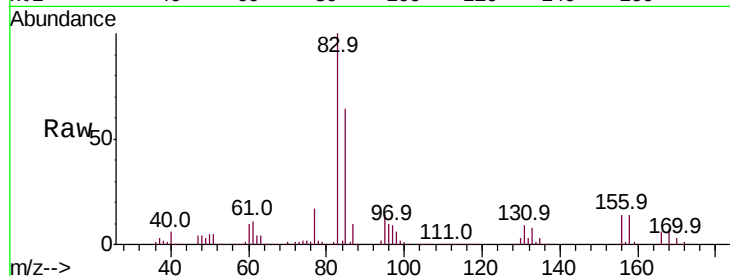
131 9.0 4.5 13.4

85 63.7 31.9 95.9

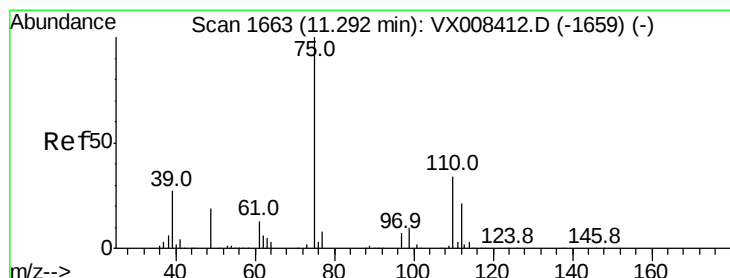
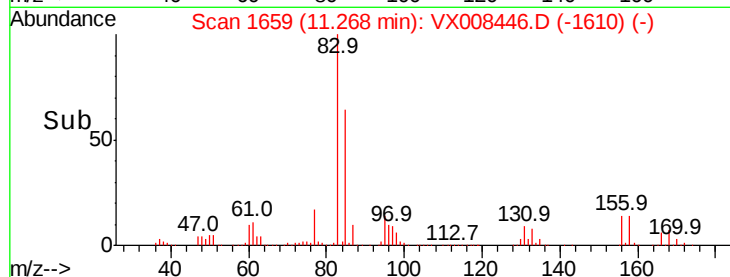
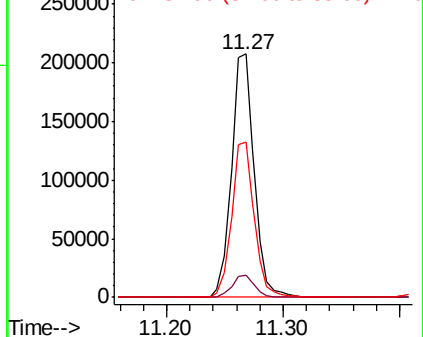
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.081 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008446.D

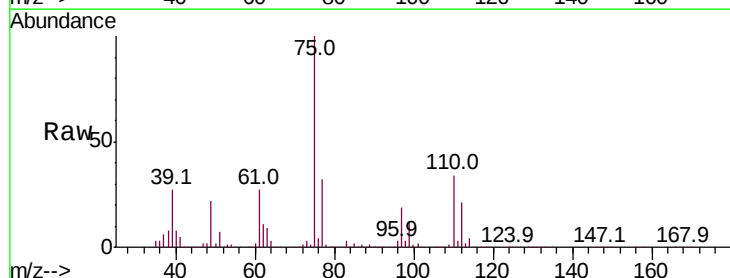
Acq: 26 Mar 2019 09:57

Tgt Ion: 75 Resp: 240557

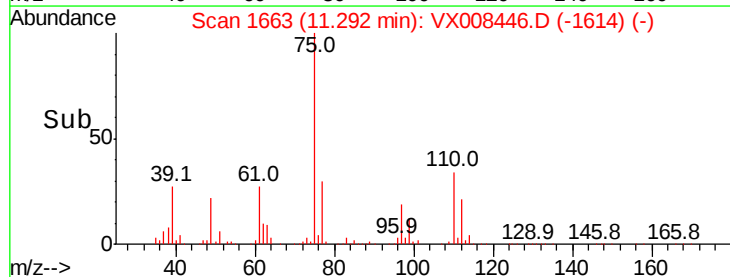
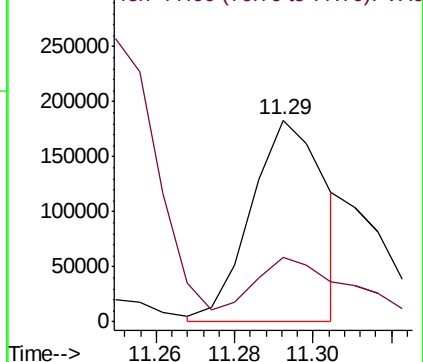
Ion Ratio Lower Upper

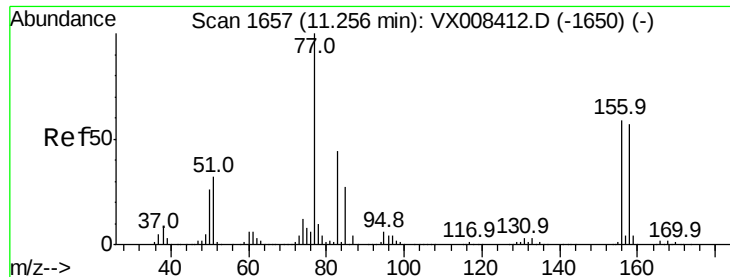
75 100

77 42.7 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.160 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 180395

Ion Ratio Lower Upper

156 100

77 182.1 91.1 273.3

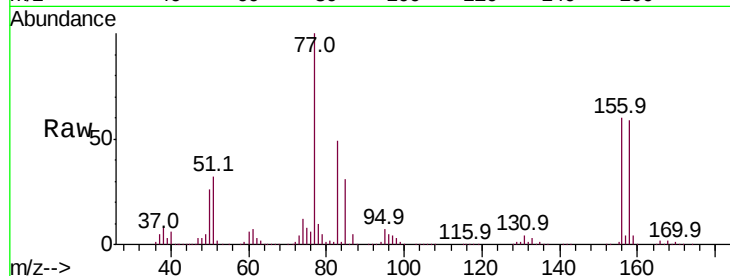
158 96.7 48.3 144.8

Manual Integrations

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MMDadoda

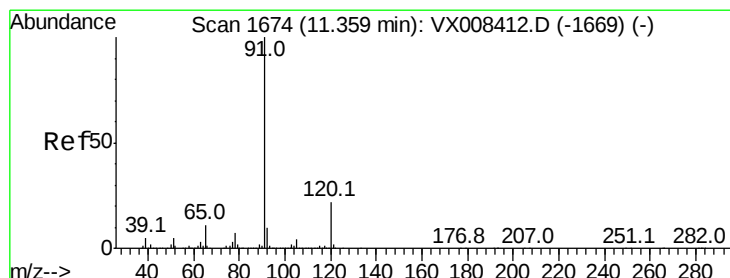
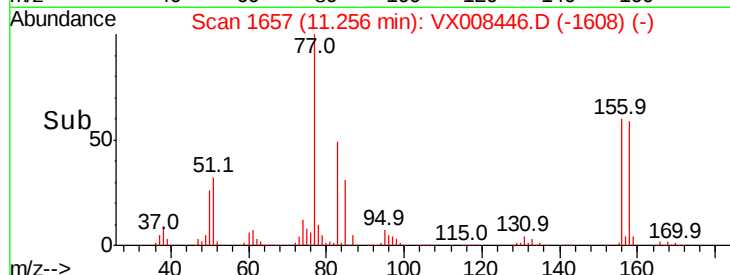
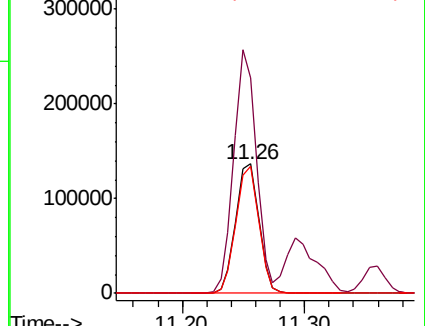
3/27/2019 10:40:44 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.084 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008446.D

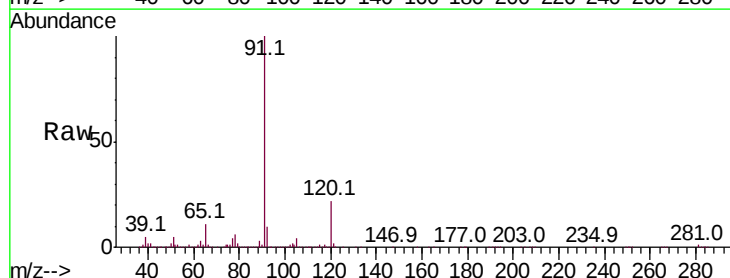
Acq: 26 Mar 2019 09:57

Tgt Ion: 91 Resp: 918604

Ion Ratio Lower Upper

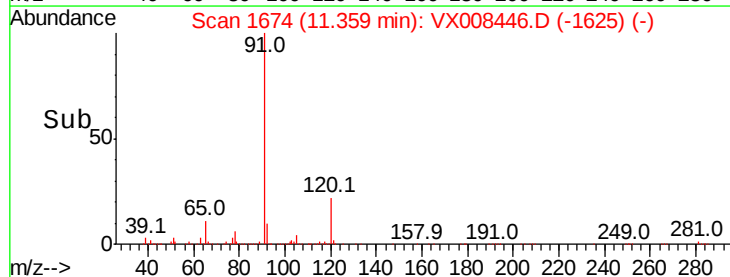
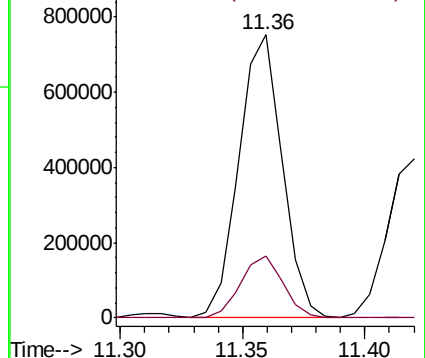
91 100

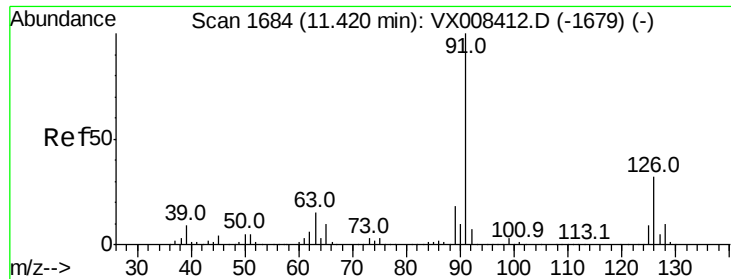
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.790 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 535866

Ion Ratio Lower Upper

91 100

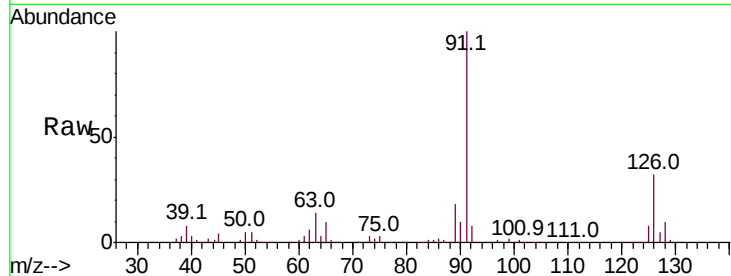
126 31.9 15.7 47.1

Manual Integrations

APPROVED

MMDadoda

3/27/2019 10:40:44 AM



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)

800000

600000

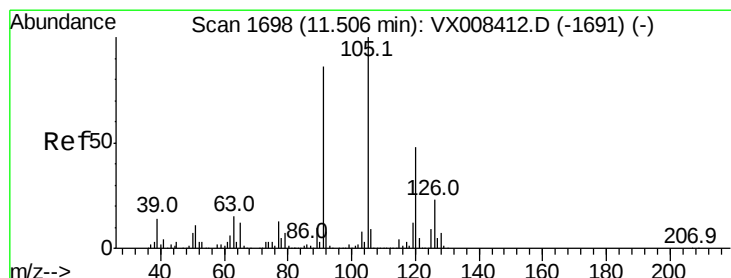
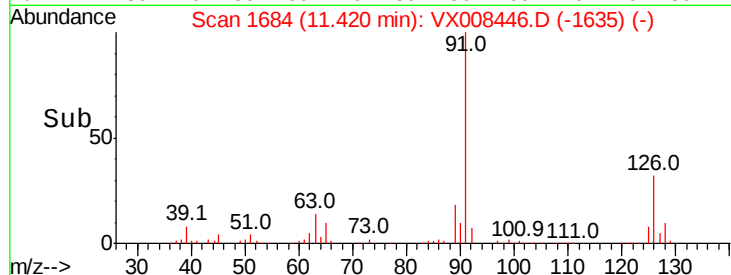
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.567 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008446.D

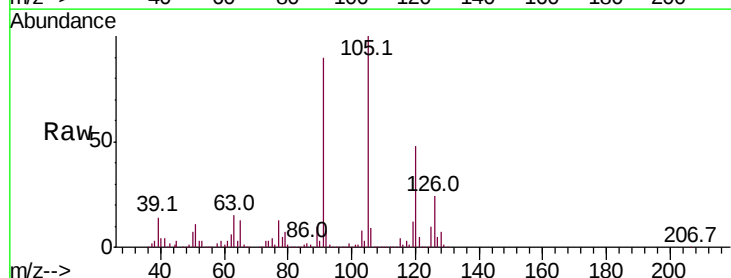
Acq: 26 Mar 2019 09:57

Tgt Ion: 105 Resp: 656843

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)

600000

500000

400000

300000

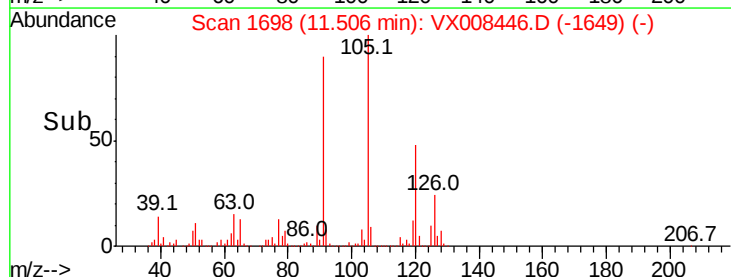
200000

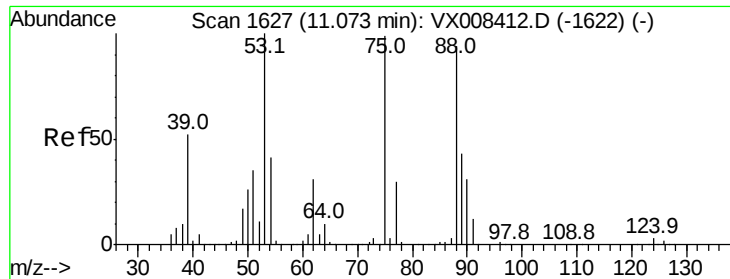
100000

0

11.50 11.51 11.60

Time-->





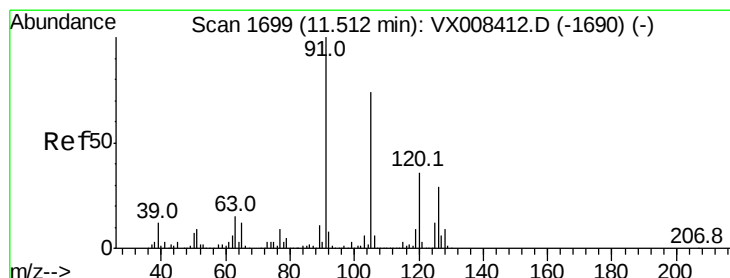
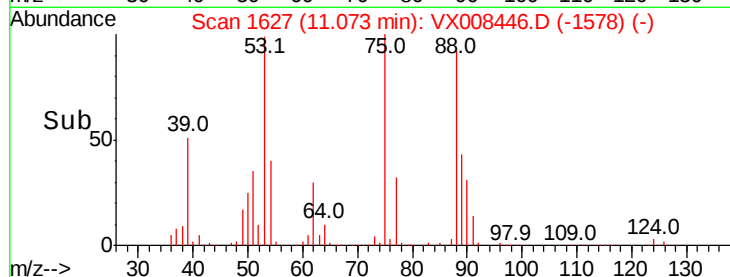
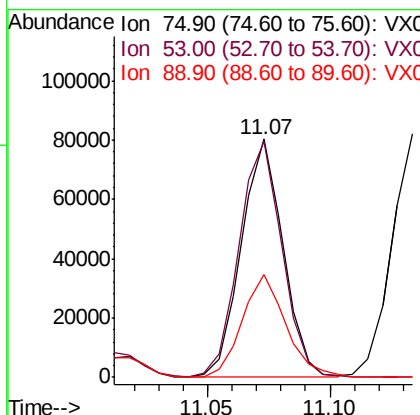
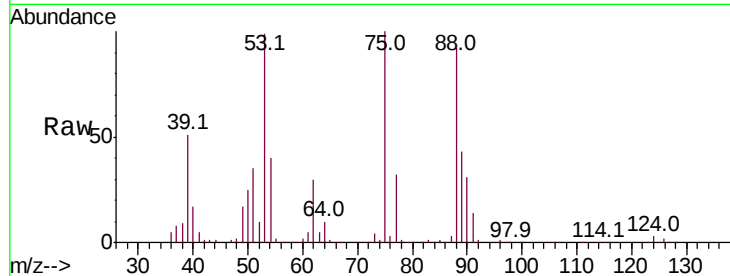
#81
trans-1,4-Dichloro-2-butene
Concen: 59.282 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 94570
Ion Ratio Lower Upper
75 100
53 102.4 82.1 123.1
89 45.6 34.6 52.0

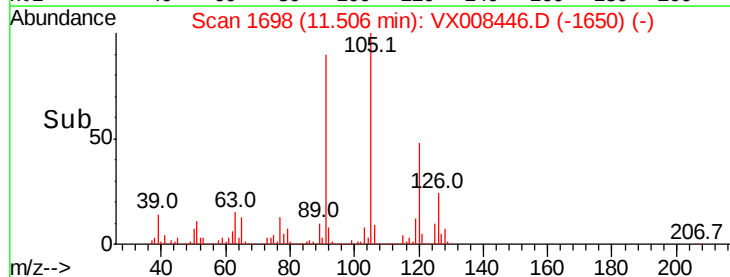
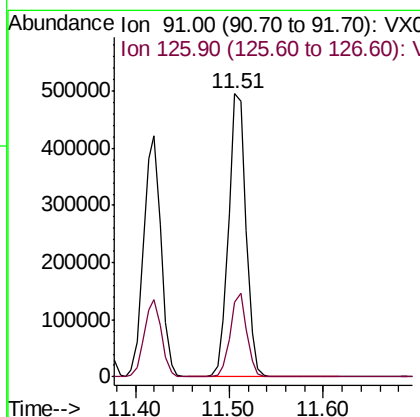
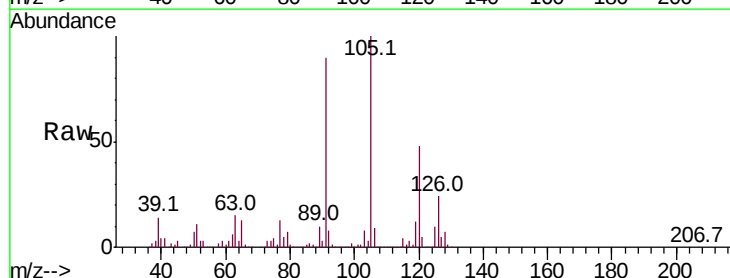
Manual Integrations
APPROVED

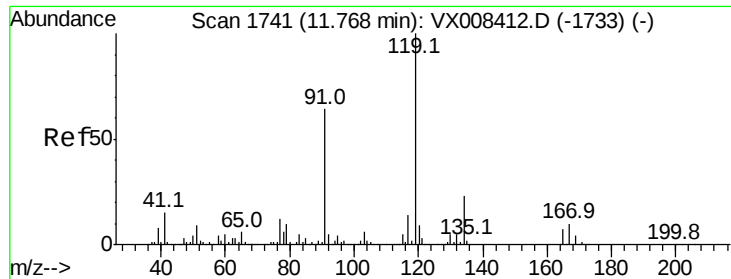
MMDadoda
3/27/2019 10:40:44 AM



#82
4-Chlorotoluene
Concen: 55.358 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 91 Resp: 636140
Ion Ratio Lower Upper
91 100
126 28.0 13.9 41.7





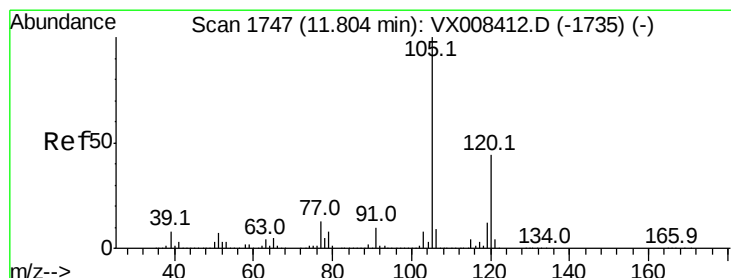
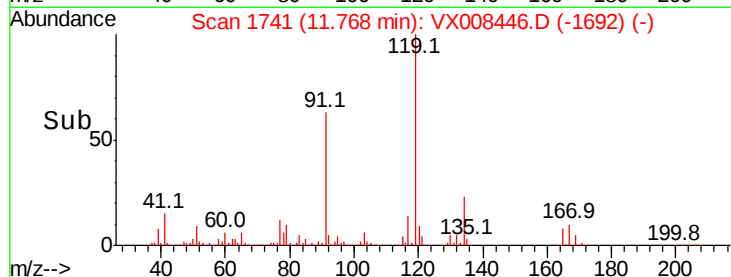
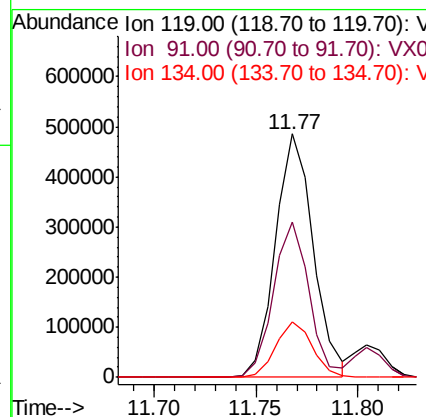
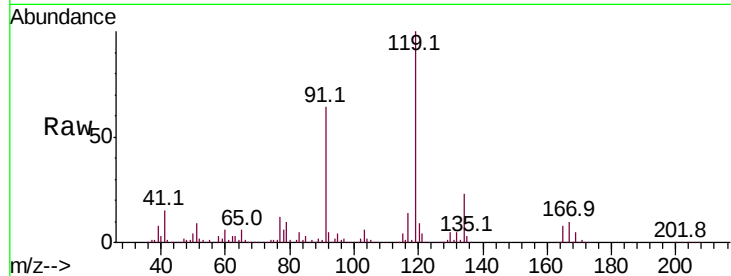
#83
tert-Butylbenzene
Concen: 55.105 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.1	90.3
134	22.0	10.9	32.9

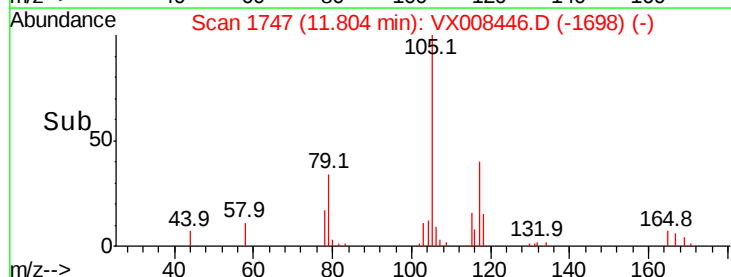
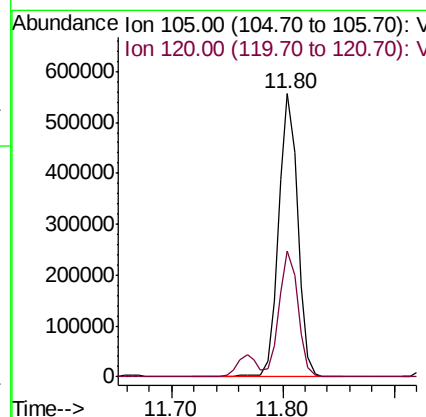
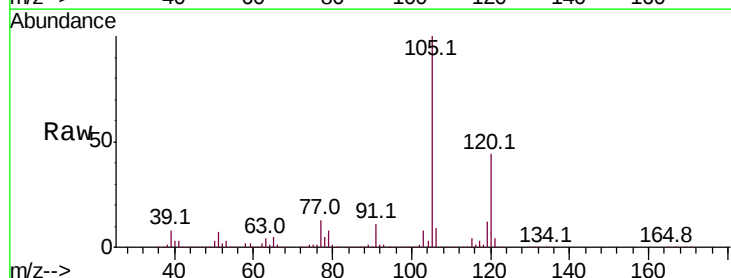
Manual Integrations
APPROVED

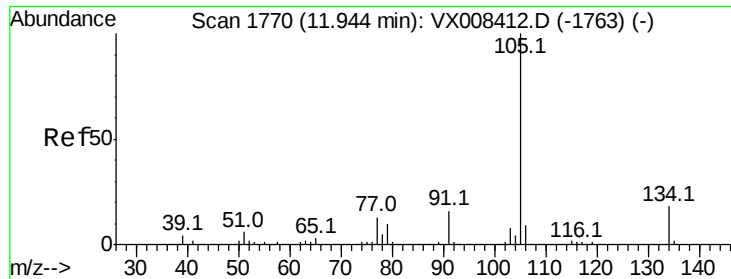
MMDadoda
3/27/2019 10:40:44 AM



#84
1,2,4-Trimethylbenzene
Concen: 55.183 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.6	65.0





#85

sec-Butylbenzene

Concen: 56.525 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 767688

Ion Ratio Lower Upper

105 100

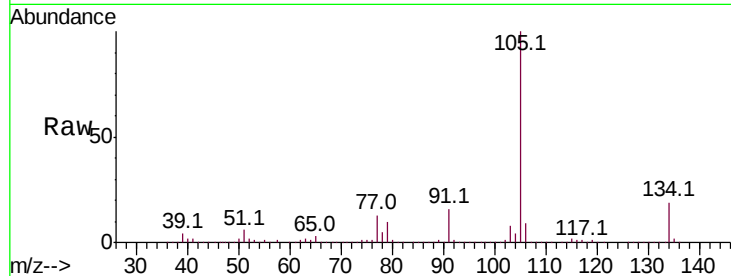
134 18.9 9.3 28.0

Manual Integrations

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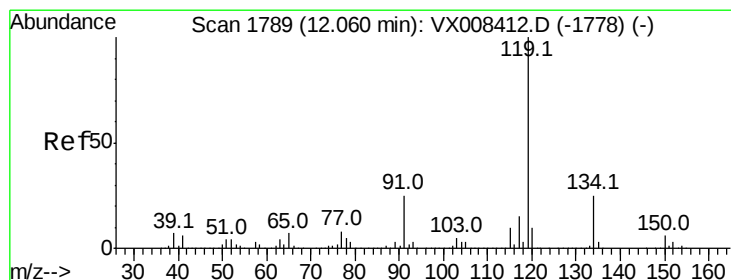
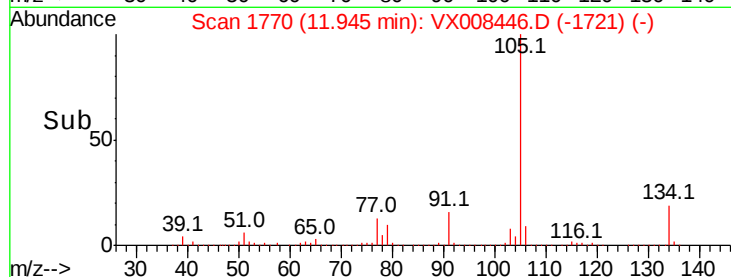
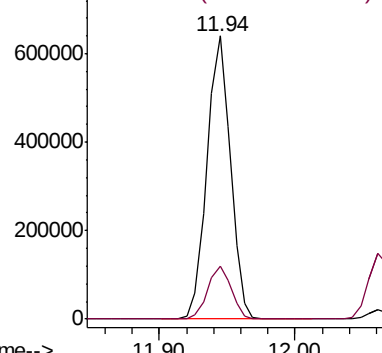
MMDadoda

3/27/2019 10:40:44 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.416 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

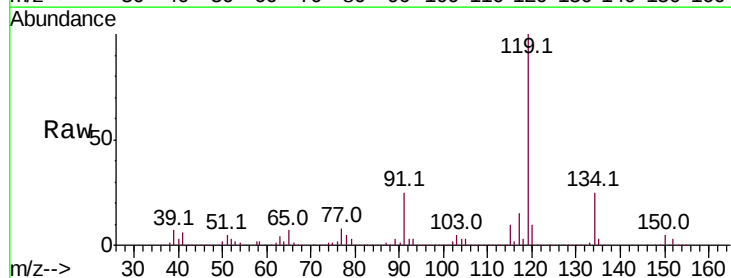
Tgt Ion:119 Resp: 688069

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

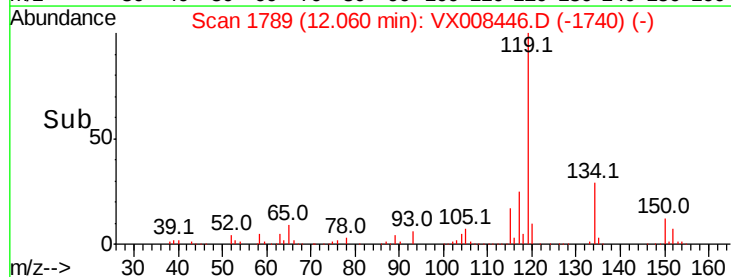
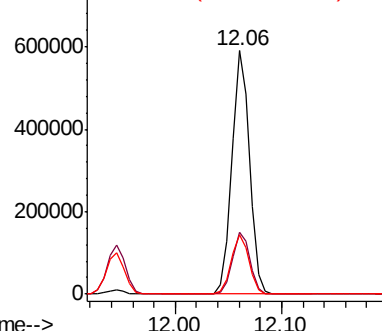
91 24.5 12.4 37.0

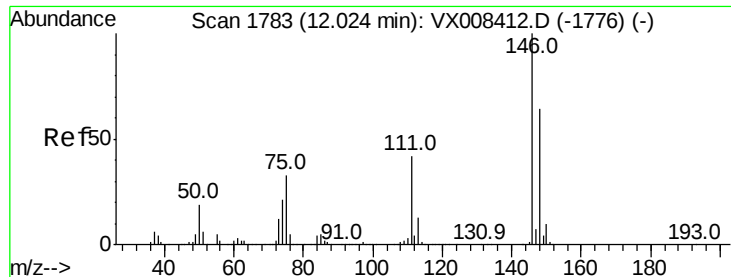


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





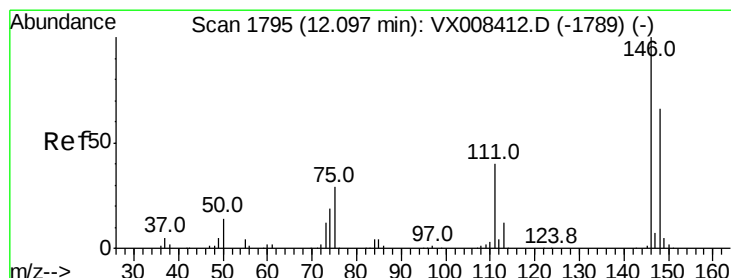
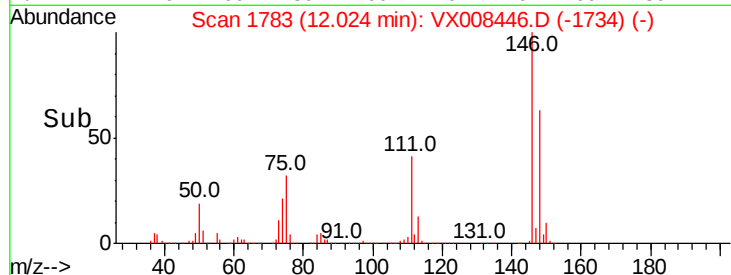
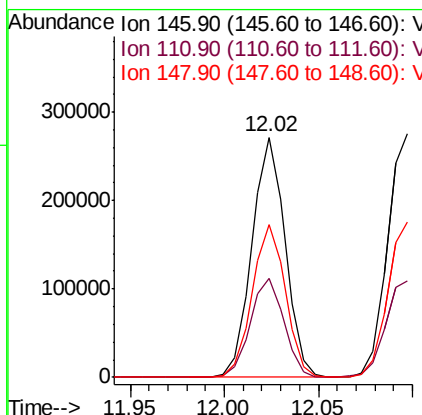
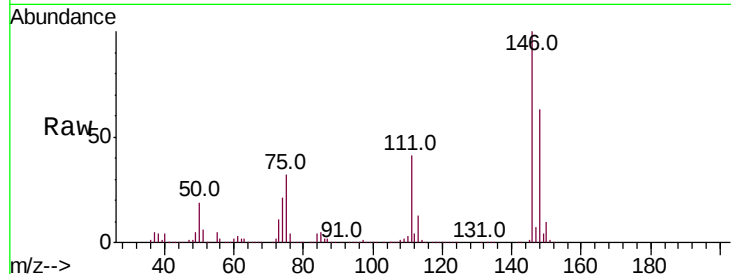
#87
 1,3-Dichlorobenzene
 Concen: 54.713 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	63.6	32.0	96.0

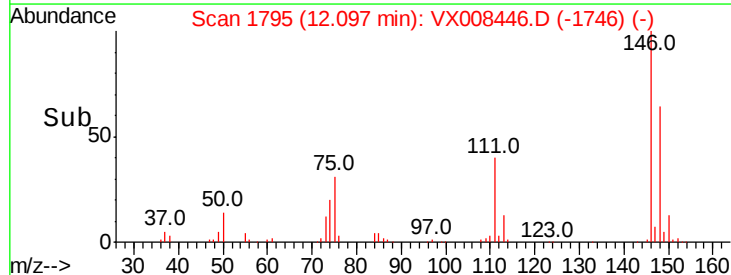
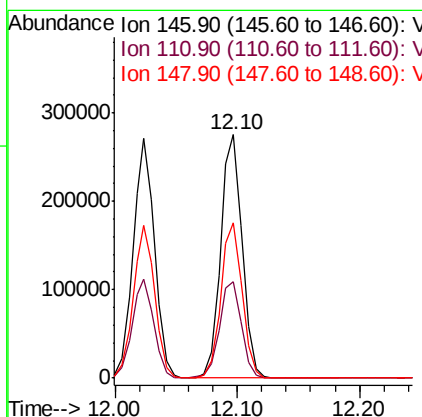
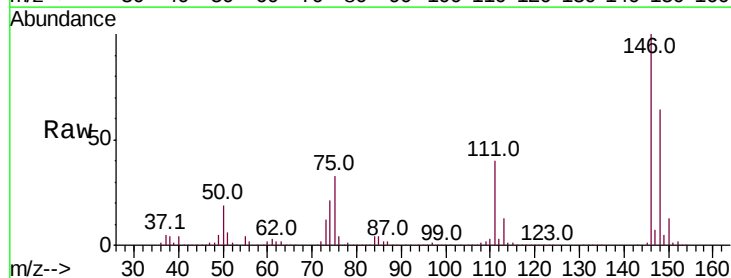
Manual Integrations
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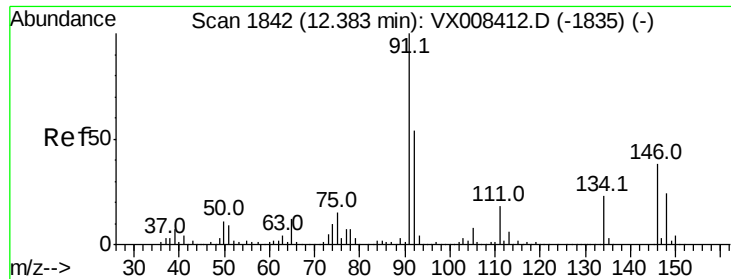
MMDadoda
 3/27/2019 10:40:44 AM



#88
 1,4-Dichlorobenzene
 Concen: 54.681 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	63.3	32.1	96.5





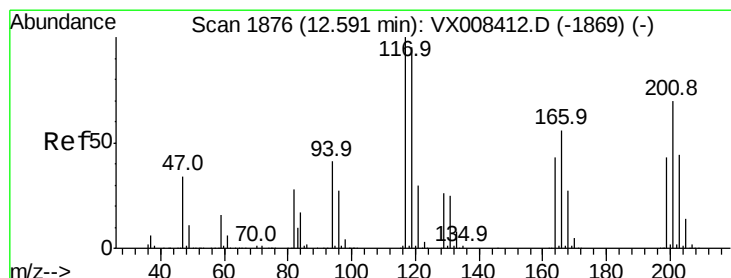
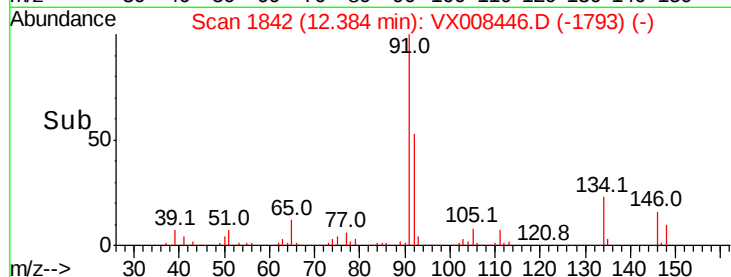
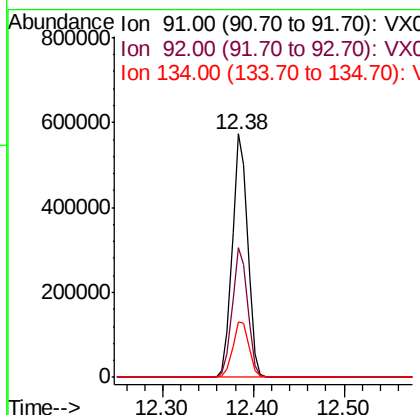
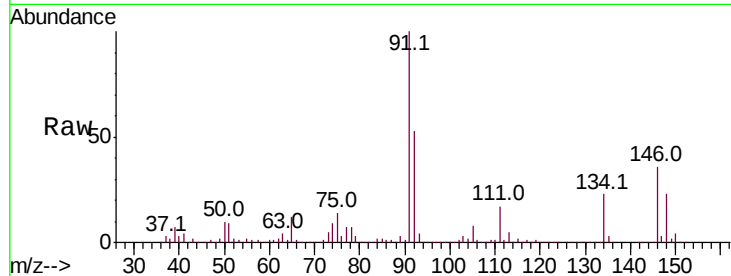
#89
n-Butylbenzene
Concen: 59.153 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	24.1	11.8	35.4

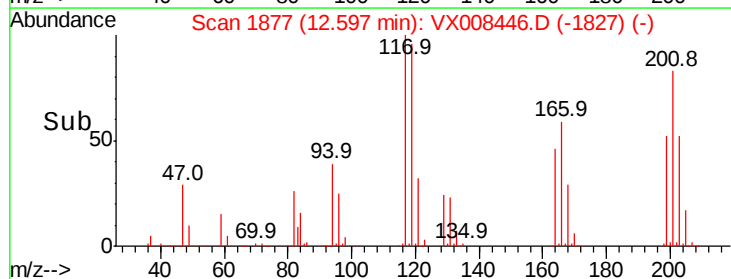
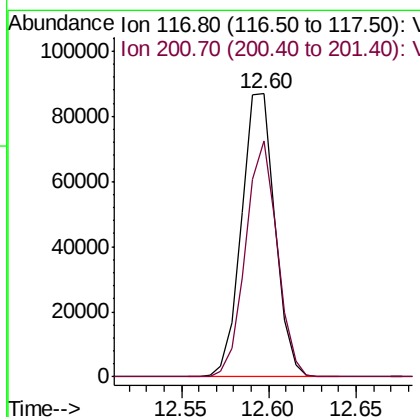
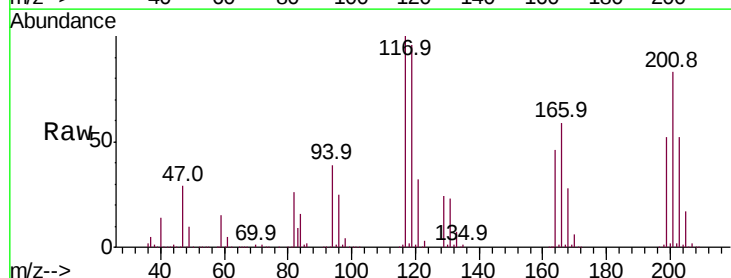
Manual Integrations
APPROVED

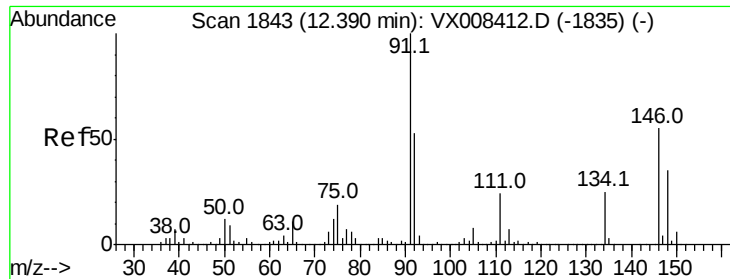
MMDadoda
3/27/2019 10:40:44 AM



#90
Hexachloroethane
Concen: 58.044 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	39.4	118.1





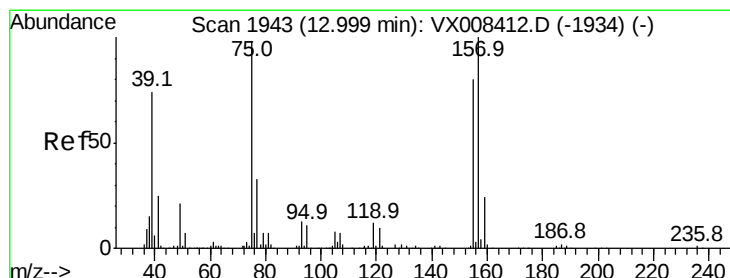
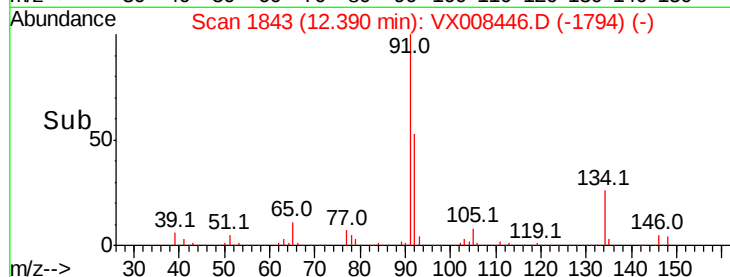
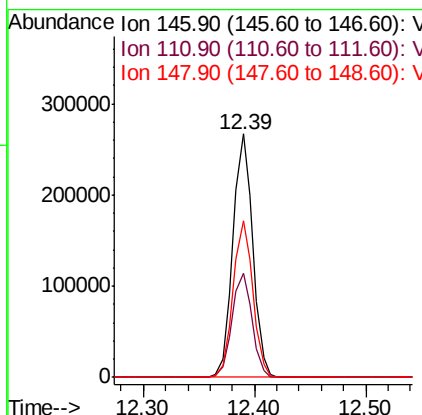
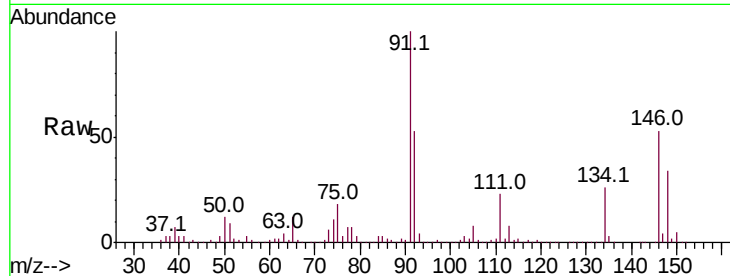
#91
 1,2-Dichlorobenzene
 Concen: 53.995 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	63.9	31.9	95.7

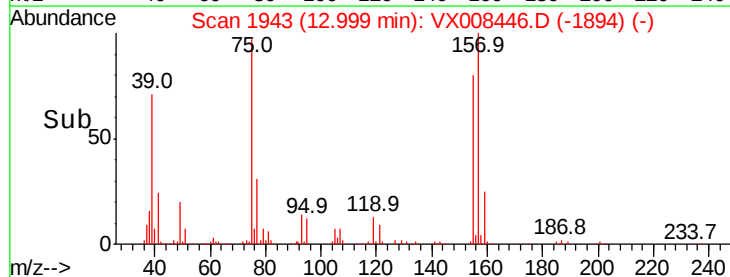
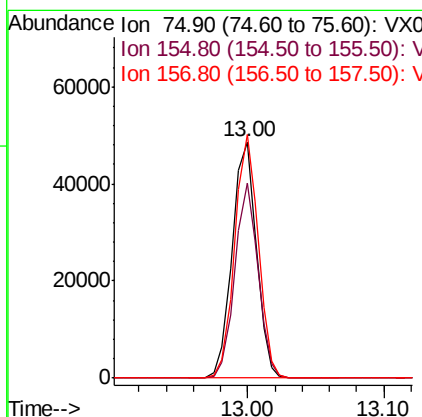
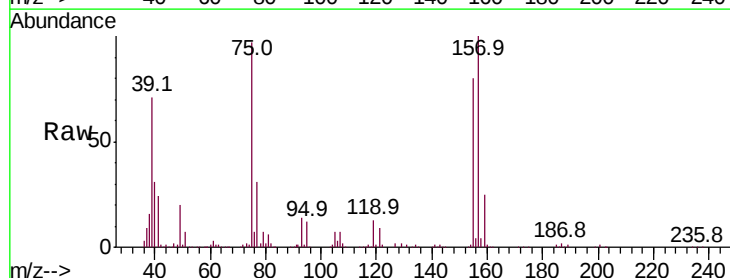
Manual Integrations
 APPROVED

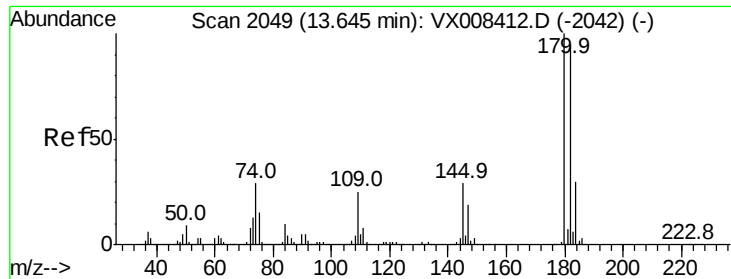
MMDadoda
 3/27/2019 10:40:44 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.124 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	39.5	118.5
157	100.2	49.9	149.7





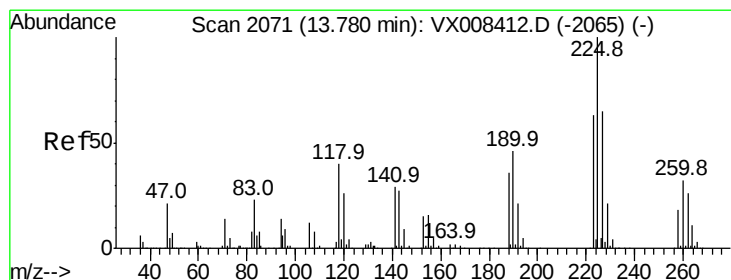
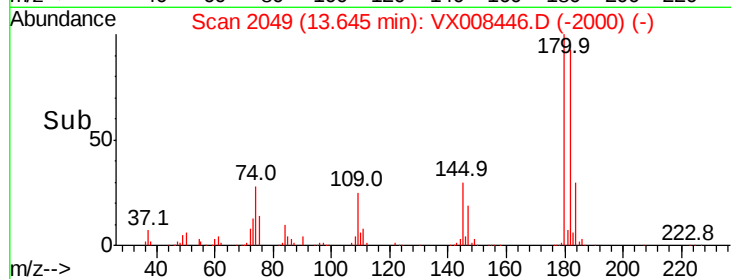
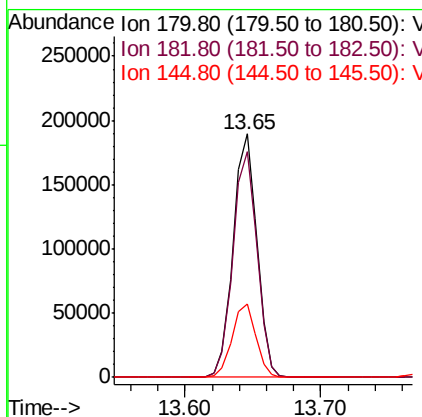
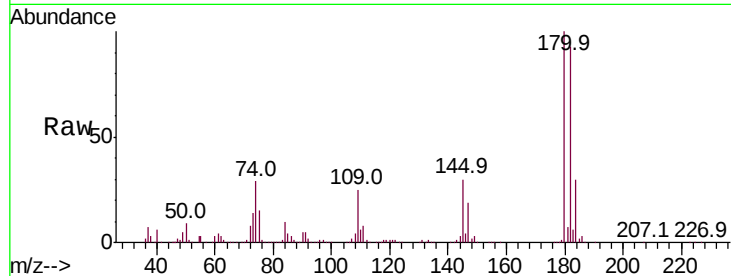
#93
 1,2,4-Trichlorobenzene
 Concen: 56.175 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	142.0
145	30.5	15.3	45.8

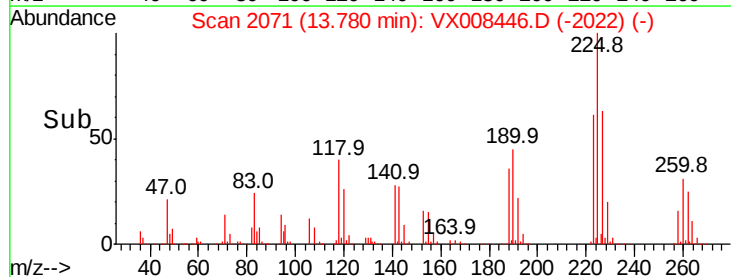
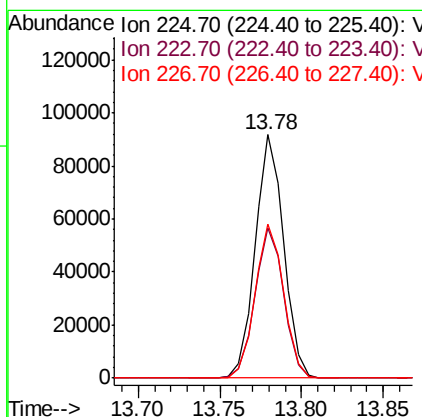
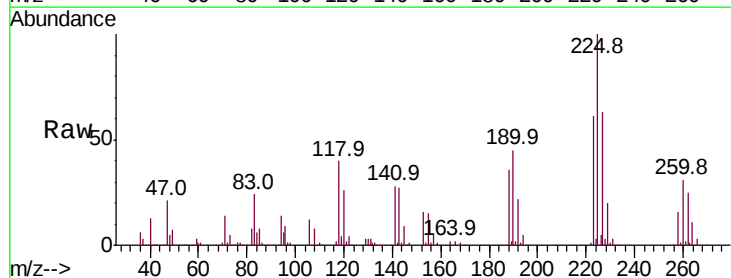
Manual Integrations
 APPROVED

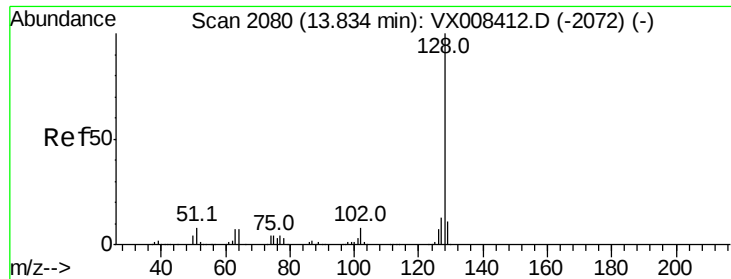
MMDadoda
 3/27/2019 10:40:44 AM



#94
 Hexachlorobutadiene
 Concen: 57.204 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.0
227	63.6	31.9	95.9





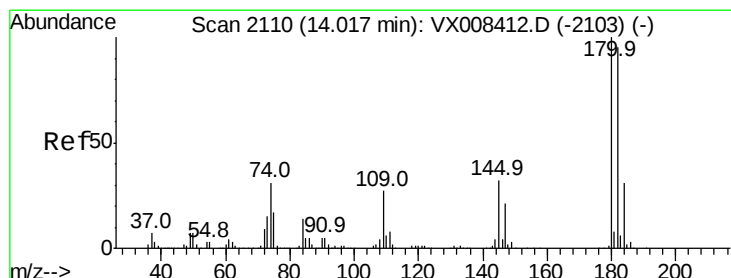
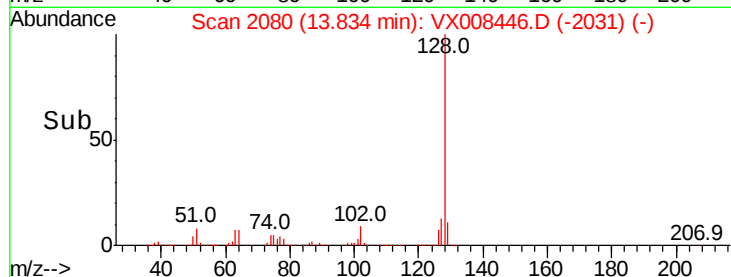
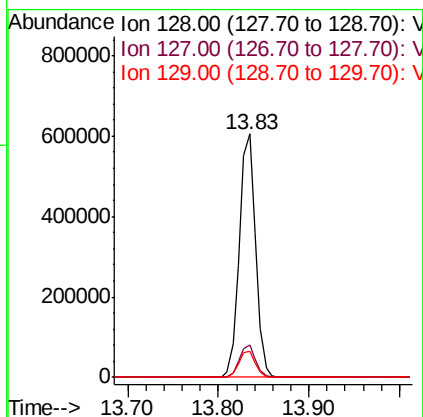
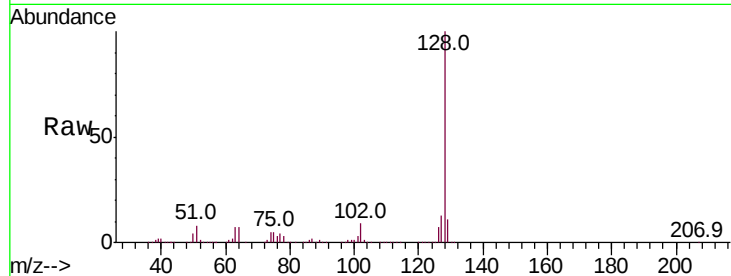
#95
Naphthalene
Concen: 53.439 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/27/2019 10:40:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.637 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	32.7	16.2	48.5

