

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012540.D
 Acq On : 19 Sep 2019 19:50
 Operator : JC/SP
 Sample : K4887-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:02 AM

Quant Time: Sep 20 07:00:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	127154	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.49	113	93793	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.71	98	346461	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	139699	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	53876	44.338	ug/l	98
3) Chloromethane	1.32	50	49884	49.770	ug/l	98
4) Vinyl Chloride	1.40	62	54541	50.347	ug/l	97
5) Bromomethane	1.63	94	19690	46.264	ug/l	100
6) Chloroethane	1.71	64	38700	45.652	ug/l	99
7) Trichlorofluoromethane	1.92	101	101409	51.066	ug/l	99
8) Diethyl Ether	2.18	74	44842	49.993	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68259	47.507	ug/l	98
10) Methyl Iodide	2.50	142	59682	48.546	ug/l	97
11) Tert butyl alcohol	3.03	59	142533	214.270	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57549	50.208	ug/l	99
13) Acrolein	2.28	56	57346	249.943	ug/l	99
14) Allyl chloride	2.72	41	133218	49.922	ug/l	99
15) Acrylonitrile	3.13	53	285857	252.466	ug/l	100
16) Acetone	2.44	43	263658	219.881	ug/l	99
17) Carbon Disulfide	2.56	76	70822	43.918	ug/l	99
18) Methyl Acetate	2.76	43	123180	45.242	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	316315	50.615	ug/l	92
20) Methylene Chloride	2.85	84	77929	49.281	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	59134	49.682	ug/l	91
22) Diisopropyl ether	3.84	45	315365	50.473	ug/l	99
23) Vinyl Acetate	3.80	43	1192342	231.984	ug/l	100
24) 1,1-Dichloroethane	3.69	63	152078	50.871	ug/l	99
25) 2-Butanone	4.66	43	418914	231.130	ug/l	99
26) 2,2-Dichloropropane	4.57	77	118363	40.258	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	92727	52.151	ug/l	95
28) Bromochloromethane	5.00	49	78836	51.152	ug/l	98
29) Tetrahydrofuran	5.12	42	256965	256.638	ug/l	99
30) Chloroform	5.20	83	168639	49.118	ug/l	98
31) Cyclohexane	5.57	56	263326	145.917	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	141691	49.377	ug/l	99
36) 1,1-Dichloropropene	5.79	75	90953	48.190	ug/l	97
37) Ethyl Acetate	4.82	43	136451	47.099	ug/l	99
38) Carbon Tetrachloride	5.78	117	115382	49.153	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	263535	143.633	ug/l	99
40) Benzene	6.14	78	303496	50.568	ug/l	99
41) Methacrylonitrile	5.03	41	93351	50.042	ug/l	97
42) 1,2-Dichloroethane	6.18	62	137325	49.332	ug/l	100
43) Isopropyl Acetate	6.43	43	248444	47.779	ug/l	100
44) Trichloroethene	7.21	130	81285	51.486	ug/l	97
45) 1,2-Dichloropropane	7.51	63	93463	50.687	ug/l	97
46) Dibromomethane	7.65	93	59238	49.645	ug/l	99
47) Bromodichloromethane	7.89	83	135154	50.870	ug/l	98
48) Methyl methacrylate	7.76	41	129365	52.778	ug/l	94
49) 1,4-Dioxane	7.73	88	49081	822.728	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	862953	253.066	ug/l	100
52) Toluene	8.78	92	198197	51.248	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138626	50.194	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	142714	49.914	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96408	48.387	ug/l	100
56) Ethyl methacrylate	9.17	69	162064	52.024	ug/l	98
57) 1,3-Dichloropropane	9.37	76	162038	50.972	ug/l	99
59) 2-Hexanone	9.49	43	648227	243.661	ug/l	99
60) Dibromochloromethane	9.58	129	106649	52.549	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94556	51.962	ug/l	99
64) Tetrachloroethene	9.33	164	73769	57.406	ug/l	91
65) Chlorobenzene	10.14	112	230621	49.826	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	98869	51.469	ug/l	99
67) Ethyl Benzene	10.24	91	705923	88.772	ug/l	98
68) m/p-Xylenes	10.35	106	918917	317.595	ug/l	99
69) o-Xylene	10.70	106	154974	52.082	ug/l	99
70) Stvrene	10.71	104	273061	51.867	ug/l	100
71) Bromoform	10.85	173	75457	45.873	ug/l #	99
73) Isopropylbenzene	11.01	105	789853	93.237	ug/l	100
74) N-amyl acetate	10.89	43	215502	47.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	165420	49.778	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	154715m	49.885	ug/l	
77) Bromobenzene	11.25	156	105581	51.103	ug/l	100
78) n-propylbenzene	11.35	91	838391	88.796	ug/l	99
79) 2-Chlorotoluene	11.42	91	400305m	65.170	ug/l	
80) 1,3,5-Trimethylbenzene	11.50	105	888746	123.013	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	47874	42.850	ug/l	96
82) 4-Chlorotoluene	11.51	91	406002	57.592	ug/l	92
83) tert-Butylbenzene	11.77	119	381983	49.341	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1901038	256.267	ug/l	99
85) sec-Butylbenzene	11.94	105	460740	54.009	ug/l	98
86) p-Isopropyltoluene	12.06	119	415081	52.989	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193174	49.705	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	197625	49.503	ug/l	99
89) n-Butylbenzene	12.38	91	359692	51.463	ug/l	95
90) Hexachloroethane	12.59	117	79122	55.087	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	201330	49.565	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45347	52.635	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	134973	51.587	ug/l	98

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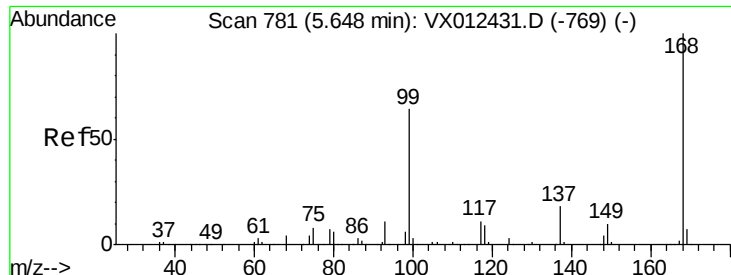
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	53488	43.375	ug/l	97
95) Naphthalene	13.83	128	719262	77.260	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140594	52.732	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion:168 Resp: 182311

Ion Ratio Lower Upper

168 100

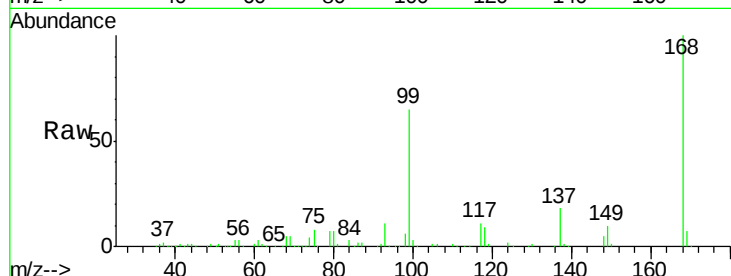
99 65.3 51.4 77.2

Manual Integrations

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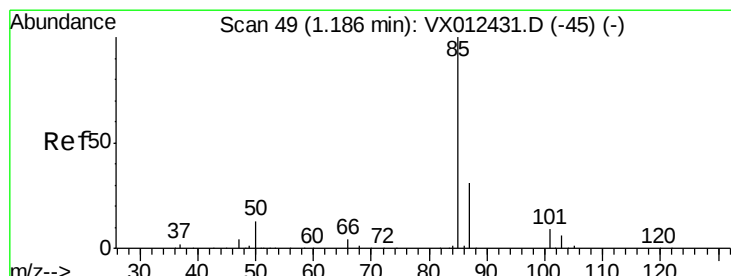
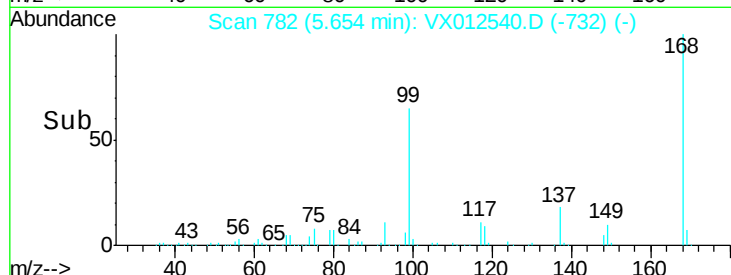
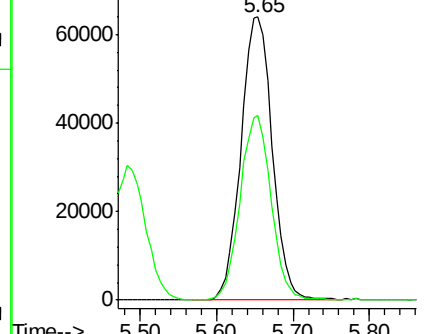
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.338 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012540.D

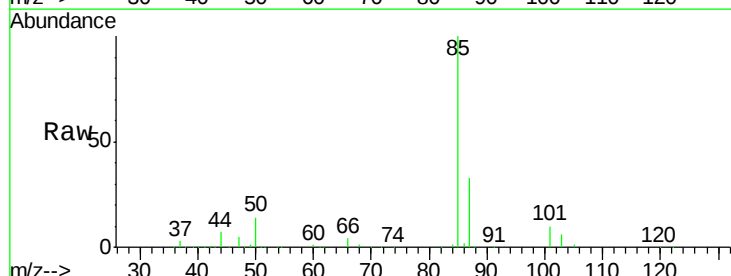
Acq: 19 Sep 2019 19:50

Tgt Ion: 85 Resp: 53876

Ion Ratio Lower Upper

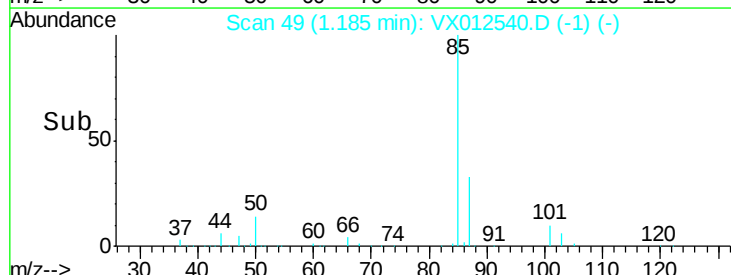
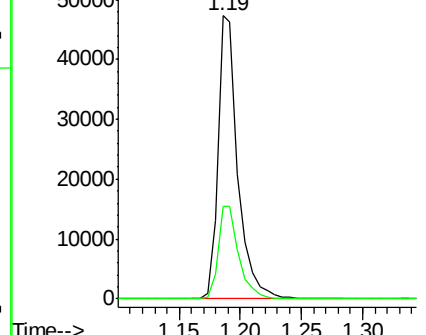
85 100

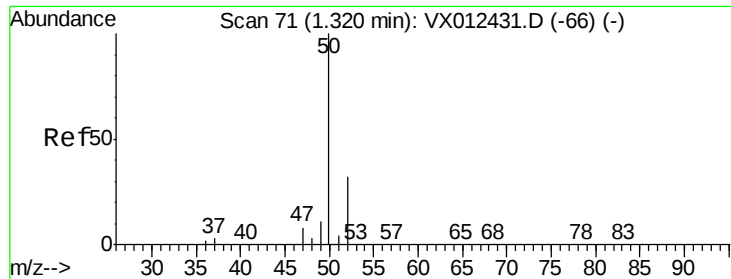
87 32.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.770 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion: 50 Resp: 49884

Ion Ratio Lower Upper

50 100

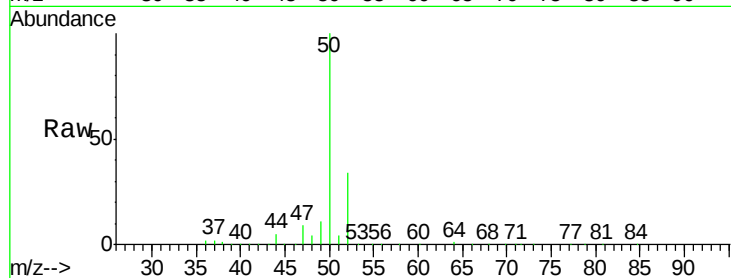
52 33.5 25.7 38.5

Manual Integrations

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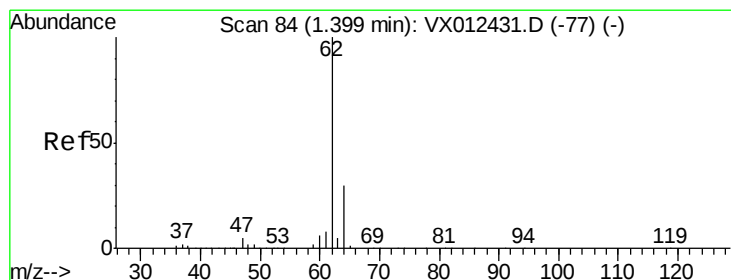
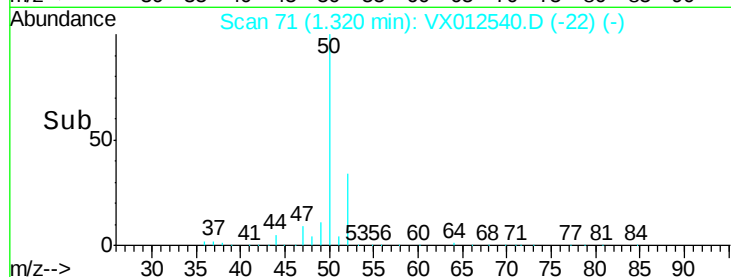
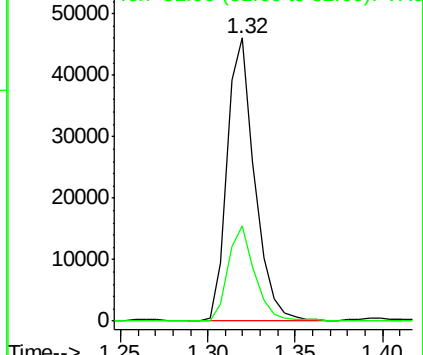
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.347 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012540.D

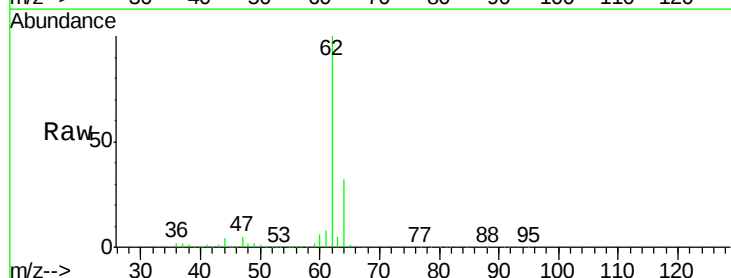
Acq: 19 Sep 2019 19:50

Tgt Ion: 62 Resp: 54541

Ion Ratio Lower Upper

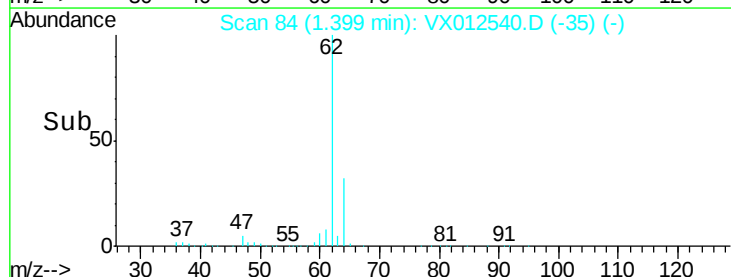
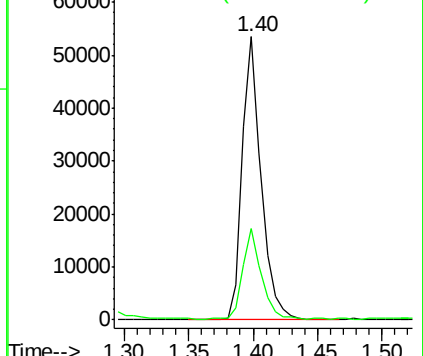
62 100

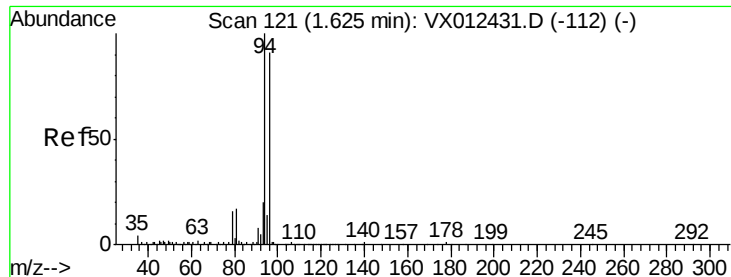
64 31.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.264 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion: 94 Resp: 19690

Ion Ratio Lower Upper

94 100

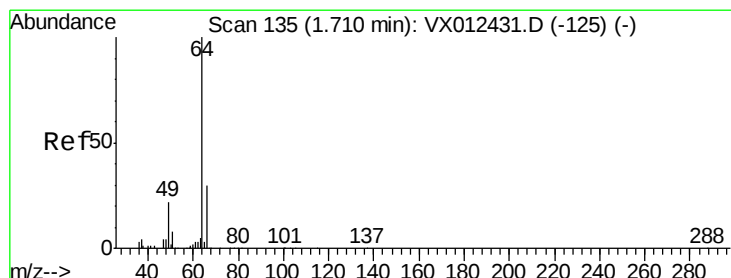
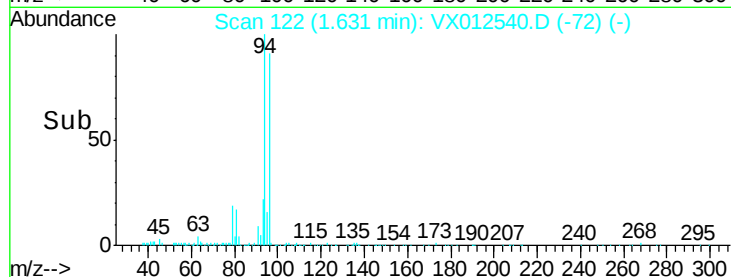
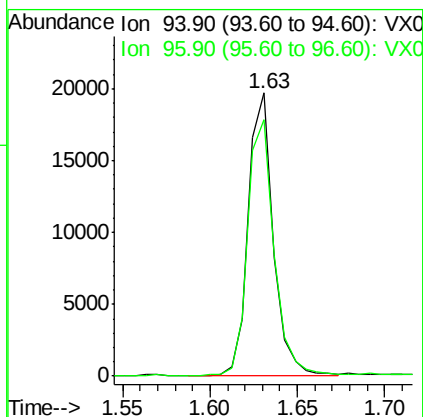
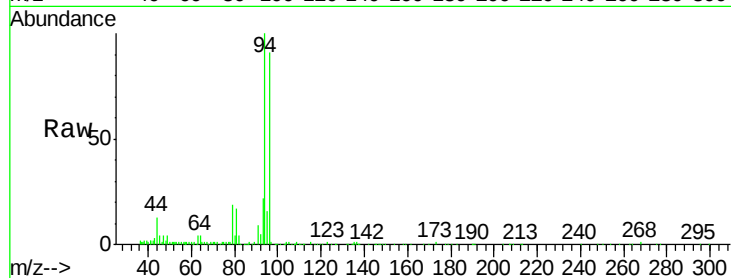
96 90.8 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 45.652 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012540.D

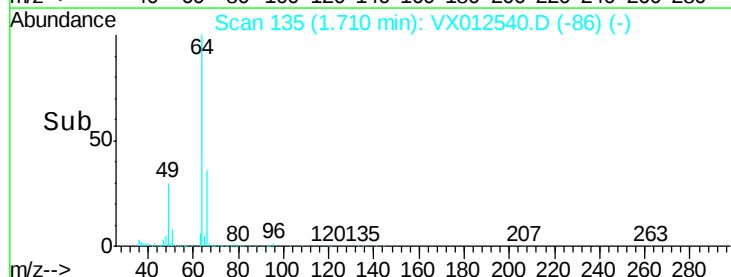
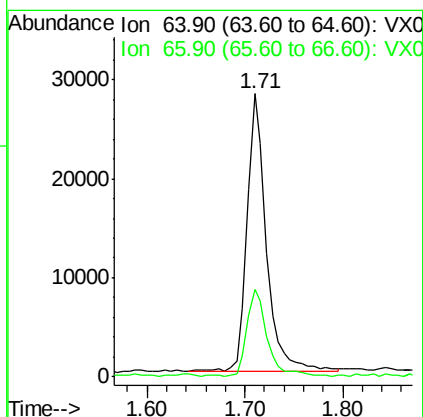
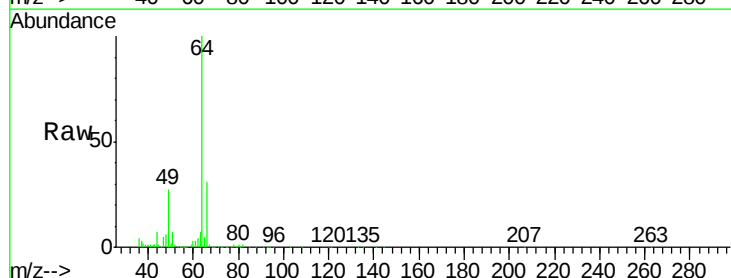
Acq: 19 Sep 2019 19:50

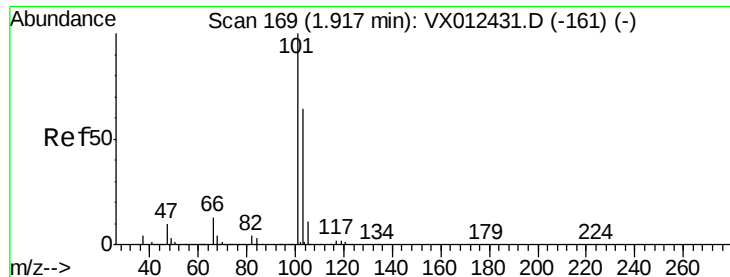
Tgt Ion: 64 Resp: 38700

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0





#7

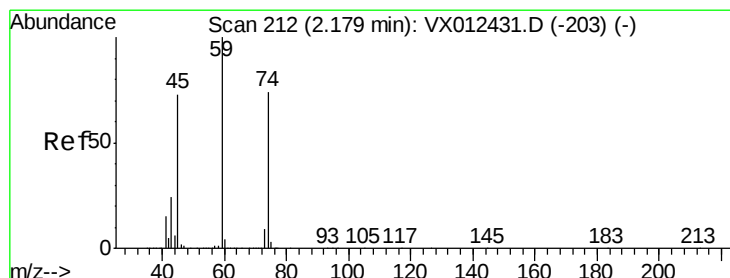
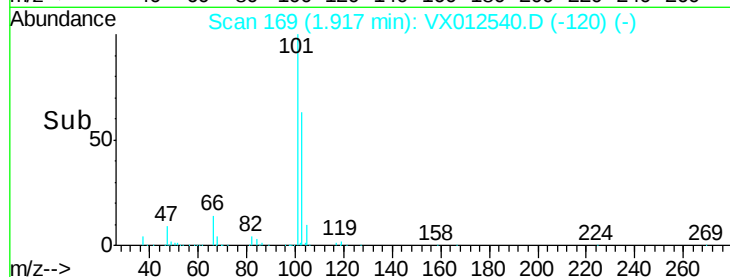
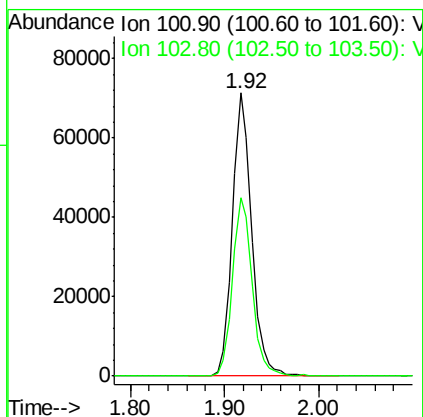
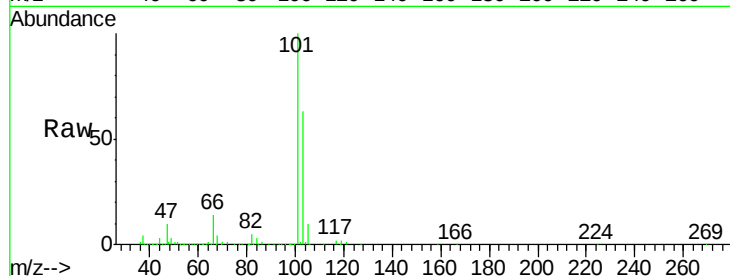
Trichlorofluoromethane
 Concen: 51.066 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.0	76.4

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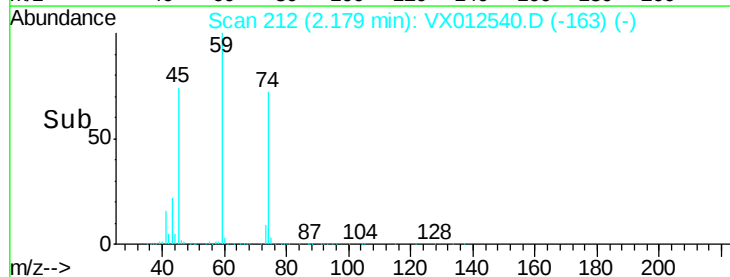
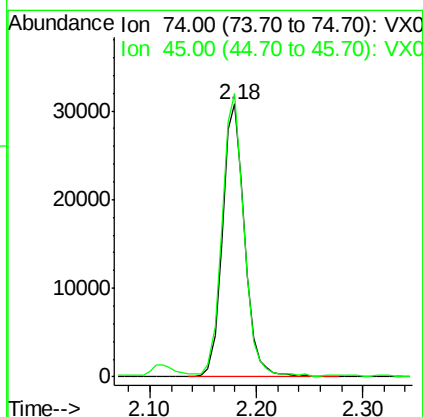
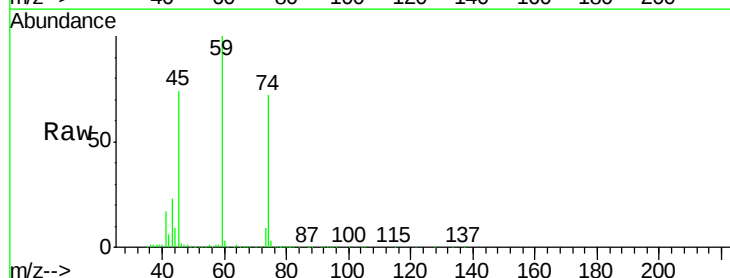
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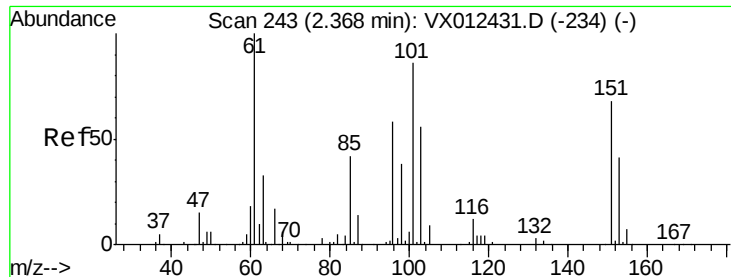


#8

Diethyl Ether
 Concen: 49.993 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.507 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

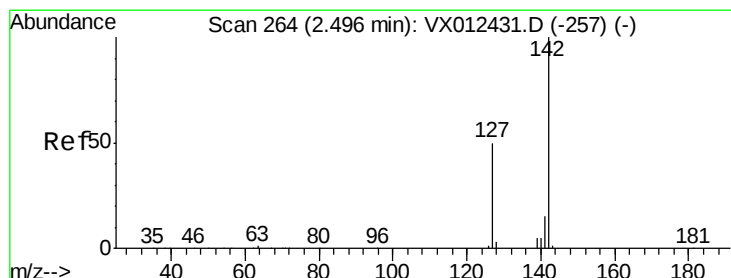
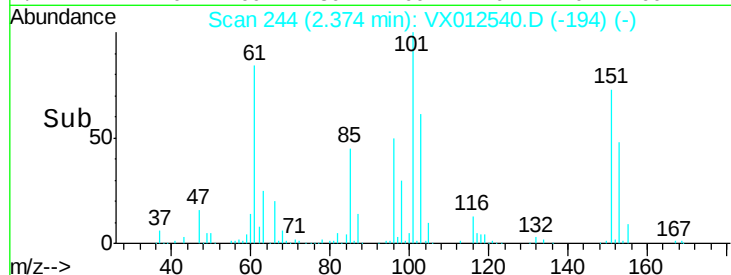
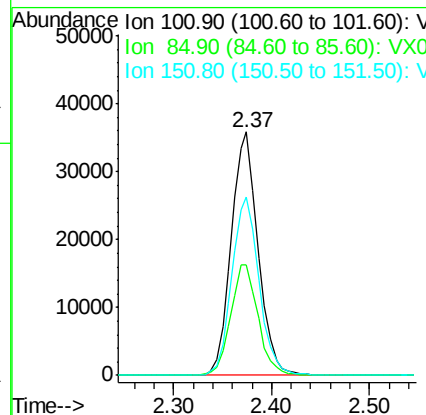
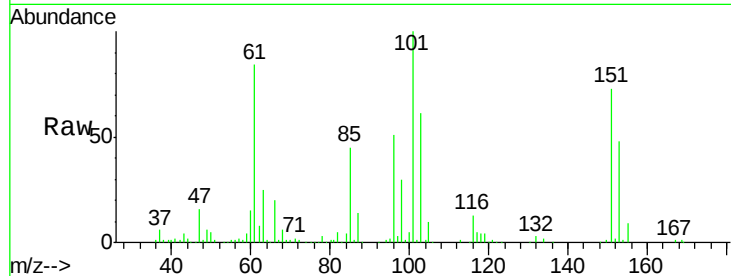
ClientSampleId :

Z2-0157MSD

Tot Ion:	101	Resp:	68259
Ion Ratio	Lower	Upper	
101	100		
85	46.2	37.3	55.9
151	74.1	61.0	91.4

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#10

Methyl Iodide

Concen: 48.546 ug/l

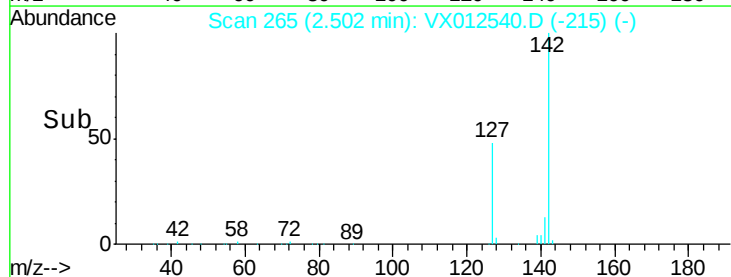
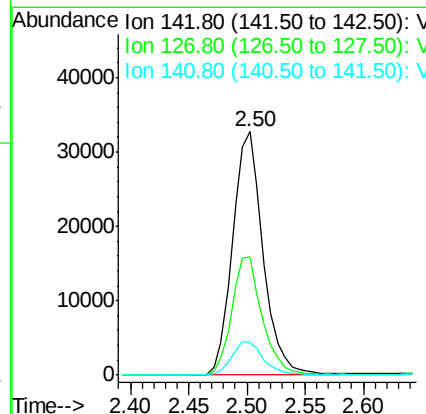
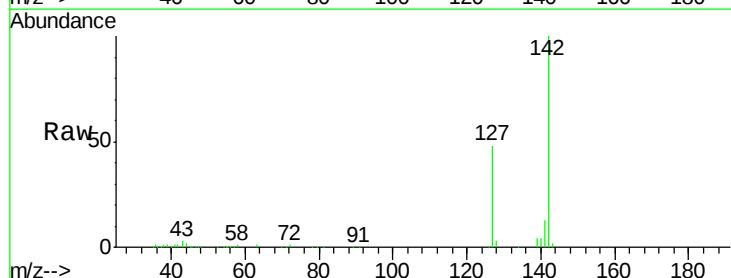
RT: 2.50 min Scan# 265

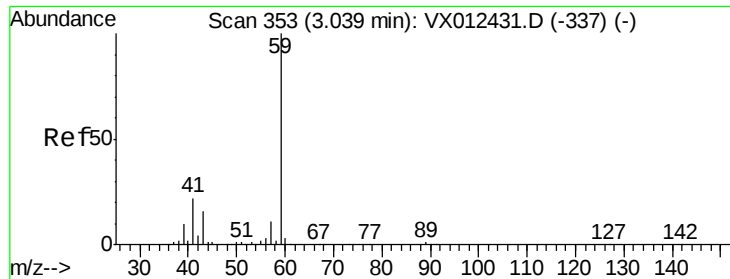
Delta R.T. 0.01 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Tgt Ion:	142	Resp:	59682
Ion Ratio	Lower	Upper	
142	100		
127	48.6	40.8	61.2
141	14.4	12.1	18.1





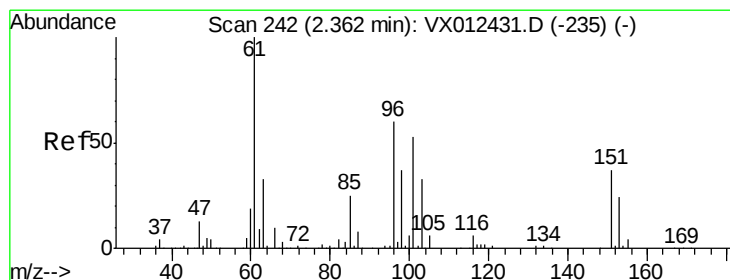
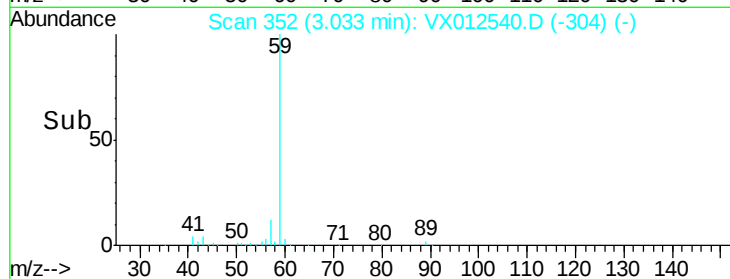
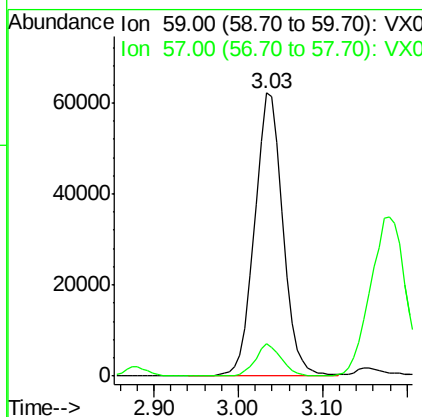
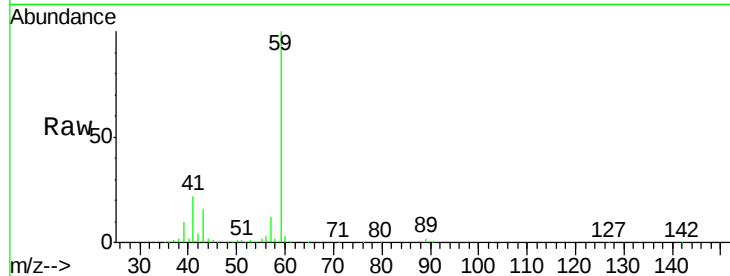
#11
Tert butyl alcohol
Concen: 214.270 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

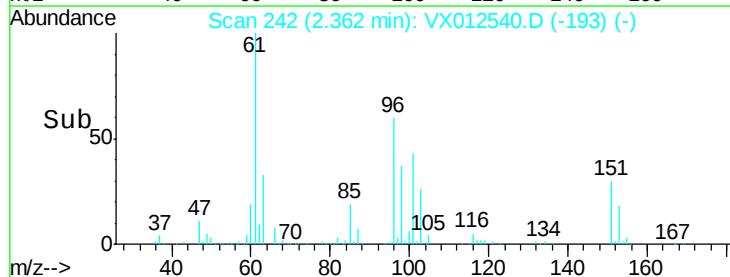
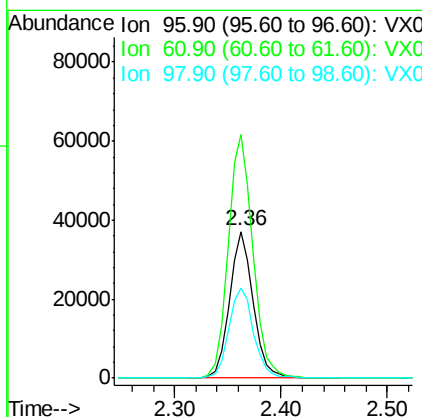
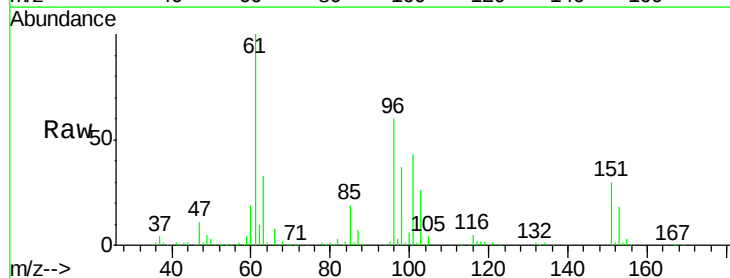
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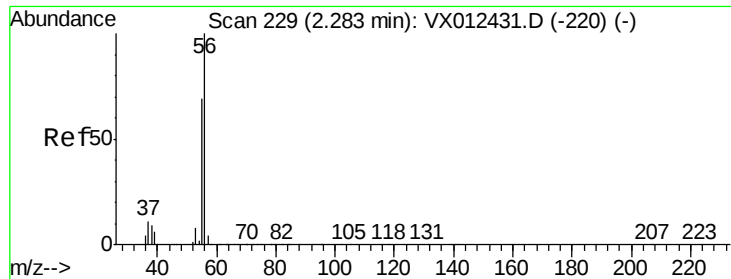
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#12
1,1-Dichloroethene
Concen: 50.208 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.4	133.8	200.6
98	61.9	49.9	74.9





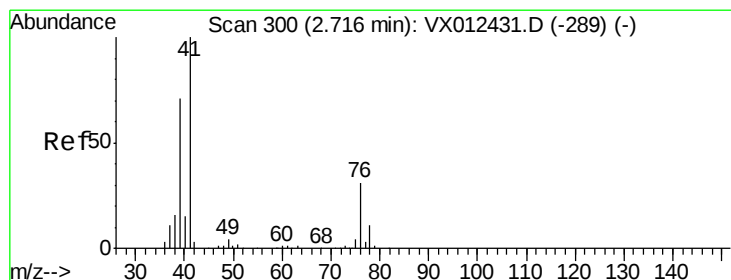
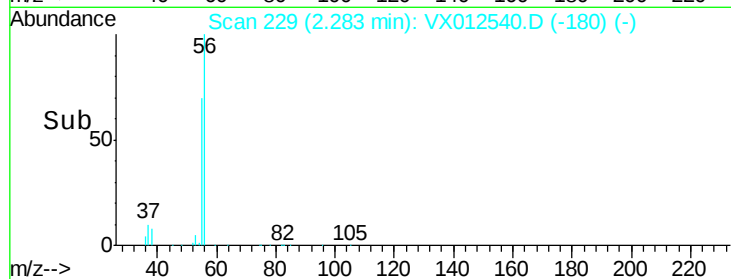
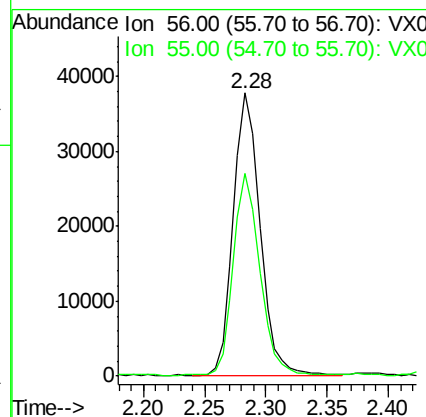
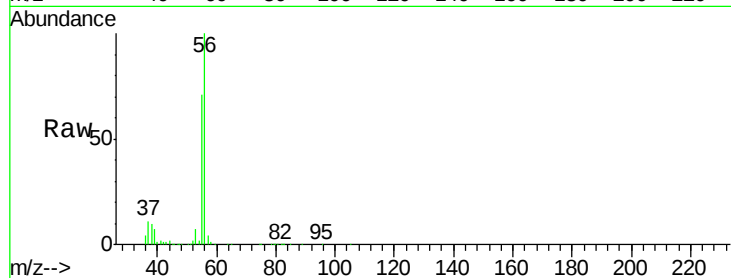
#13
Acrolein
Concen: 249.943 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.9	55.8	83.8

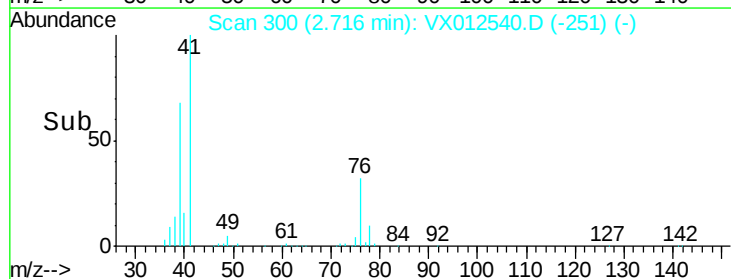
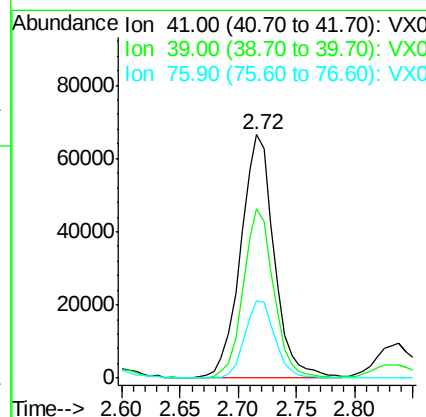
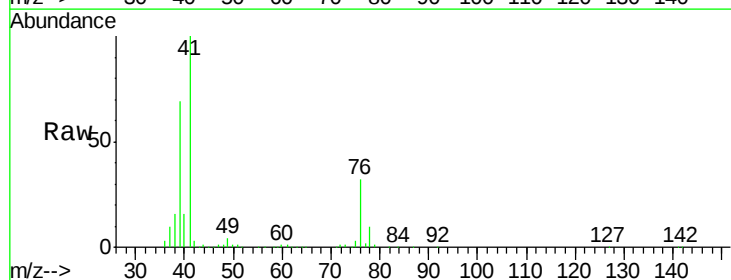
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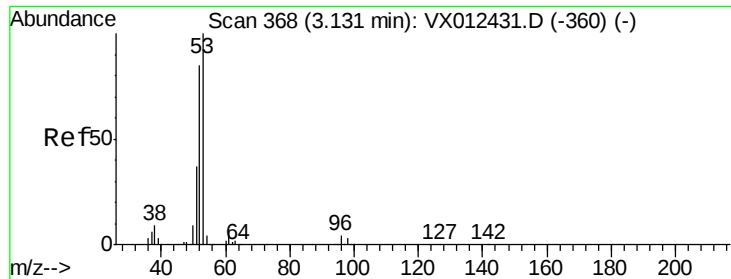
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#14
Allyl chloride
Concen: 49.922 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.5	51.3	76.9
76	28.6	22.6	33.8





#15

Acrylonitrile

Concen: 252.466 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

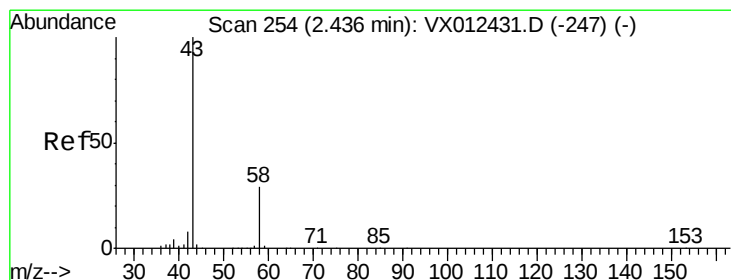
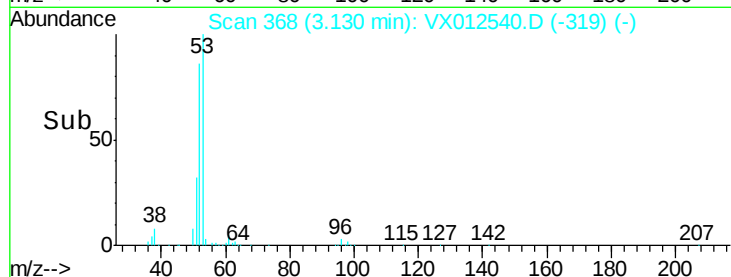
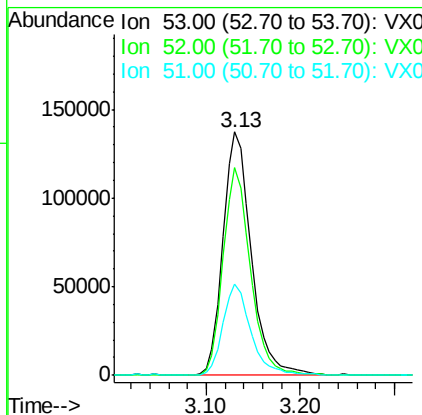
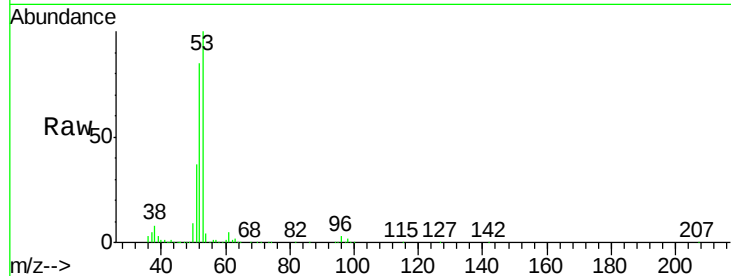
ClientSampleId :

Z2-0157MSD

Tot Ion:	53	Resp:	285857
Ion Ratio		Lower	Upper
53	100		
52	83.3	67.0	100.4
51	37.1	29.6	44.4

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#16

Acetone

Concen: 219.881 ug/l

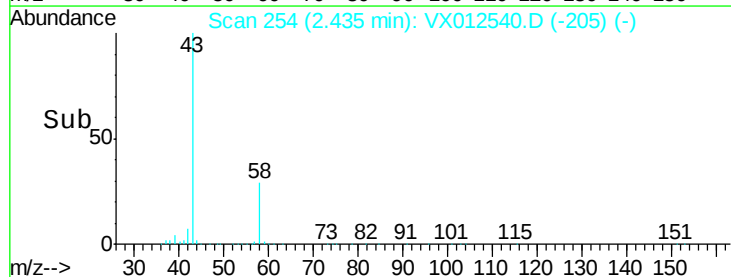
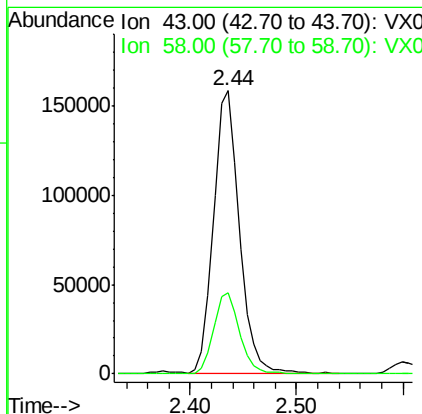
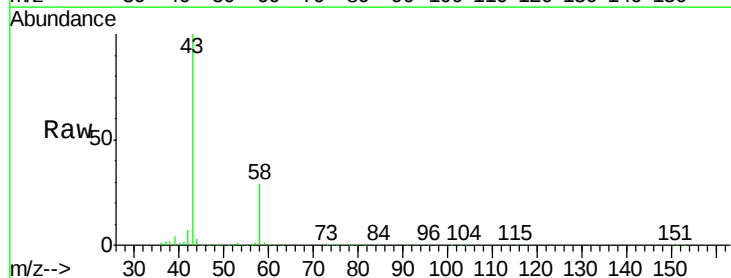
RT: 2.44 min Scan# 254

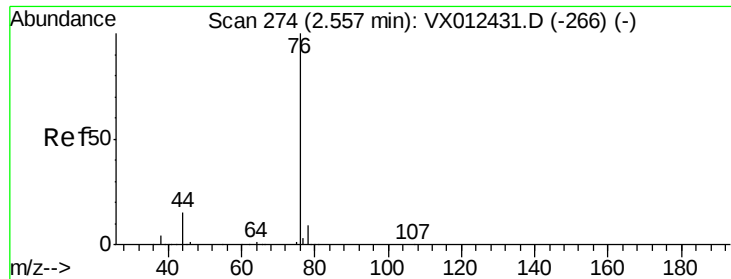
Delta R.T. 0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Tgt Ion:	43	Resp:	263658
Ion Ratio		Lower	Upper
43	100		
58	28.7	23.3	34.9





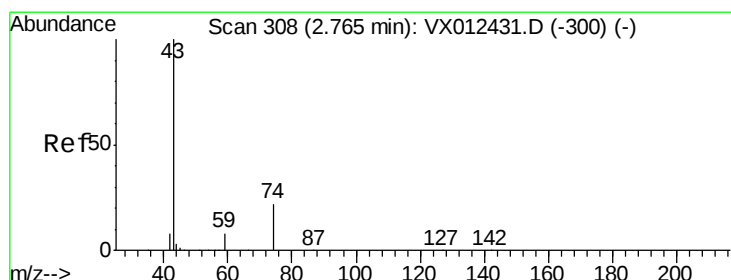
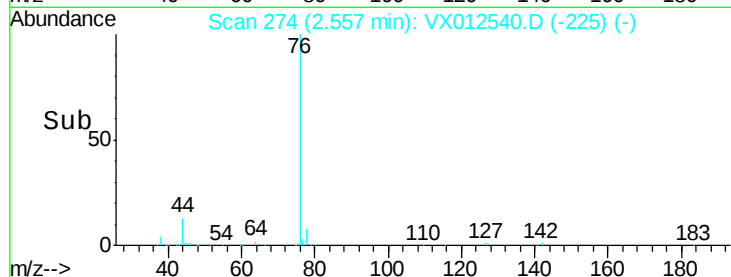
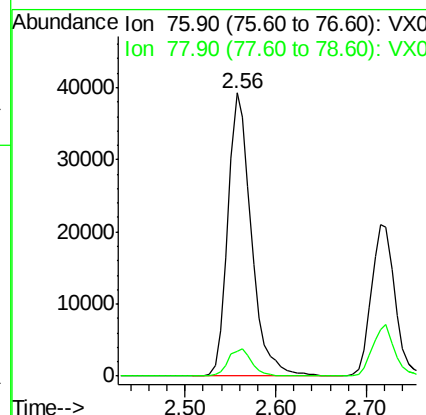
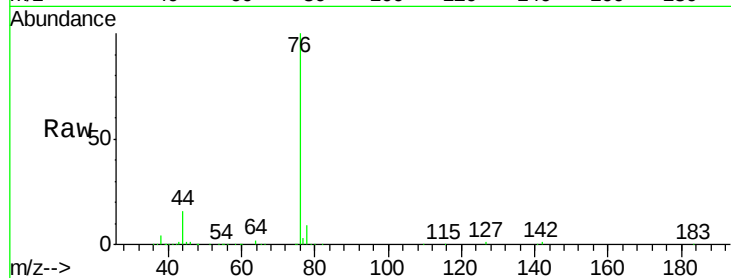
#17
Carbon Disulfide
Concen: 43.918 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

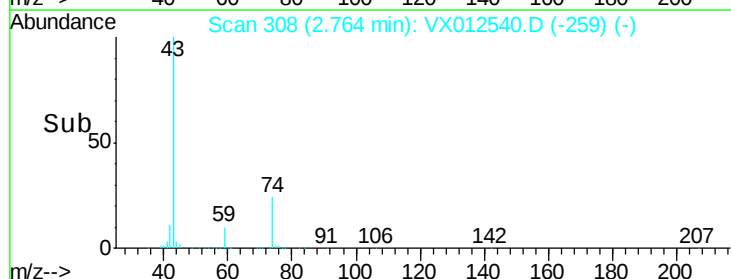
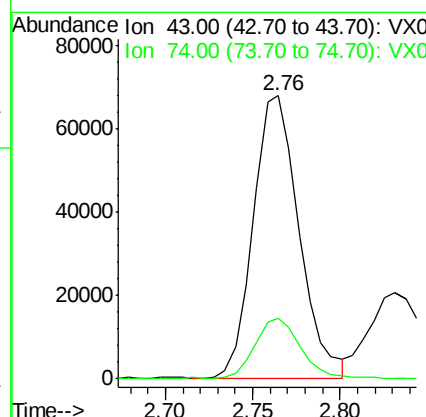
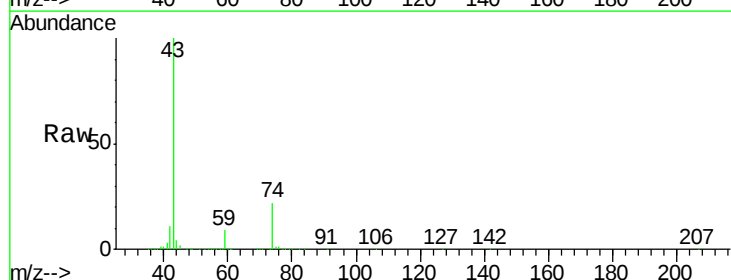
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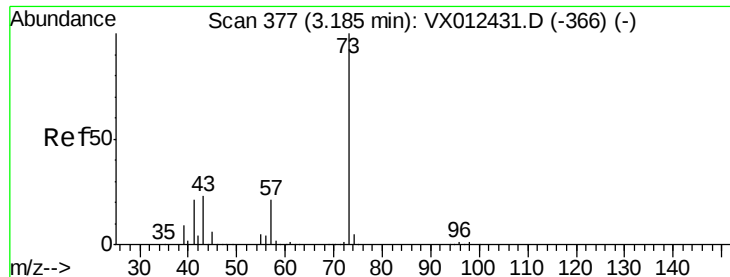
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#18
Methyl Acetate
Concen: 45.242 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5





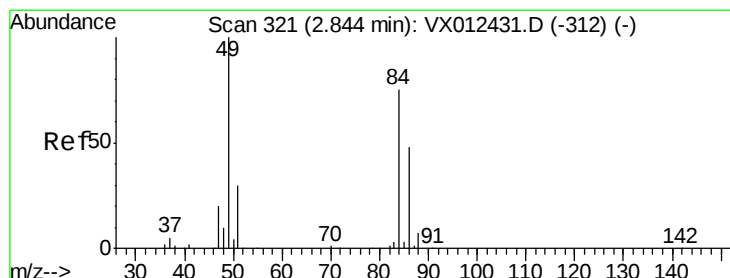
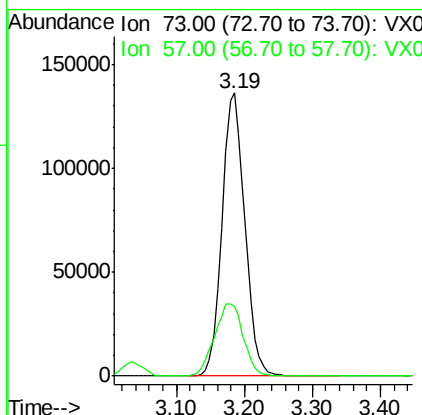
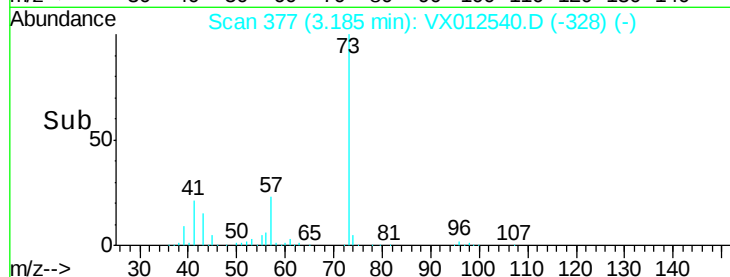
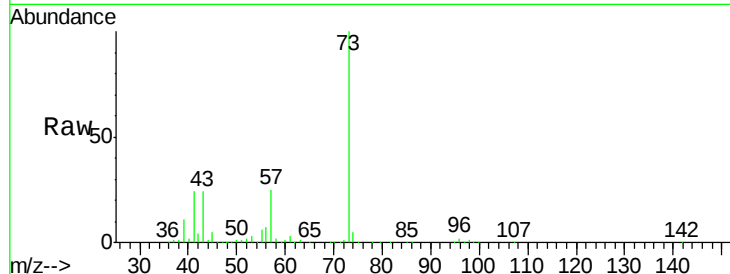
#19
Methyl tert-butyl Ether
Concen: 50.615 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.7	16.8	25.2

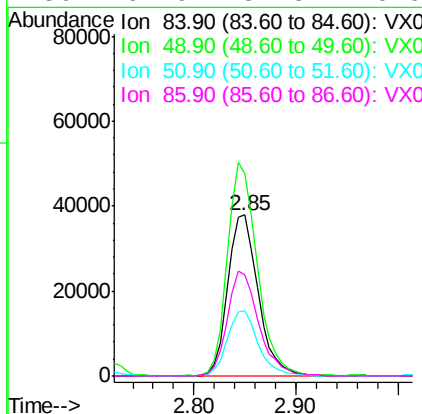
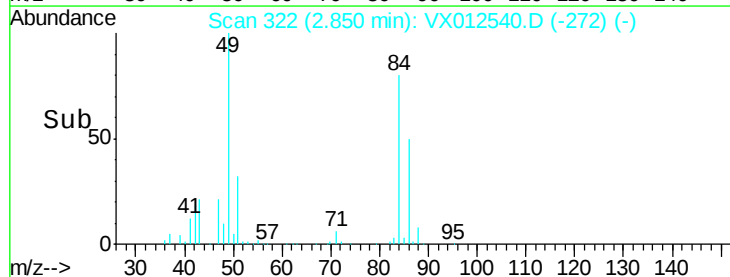
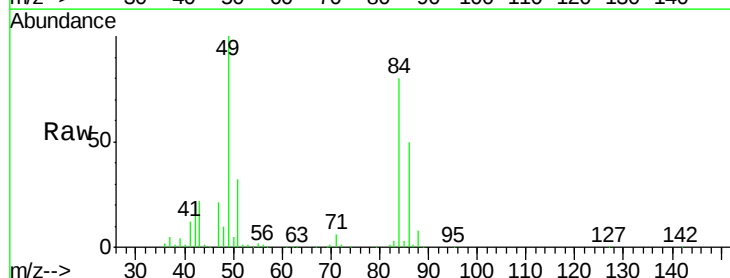
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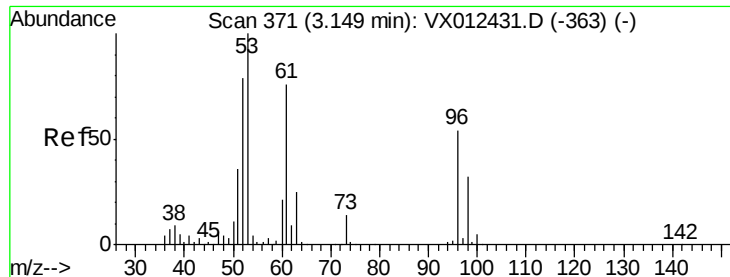
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#20
Methylene Chloride
Concen: 49.281 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	106.8	160.2
51	40.4	32.3	48.5
86	62.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 49.682 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion: 96 Resp: 59134

Ion Ratio Lower Upper

96 100

61 151.6 112.0 168.0

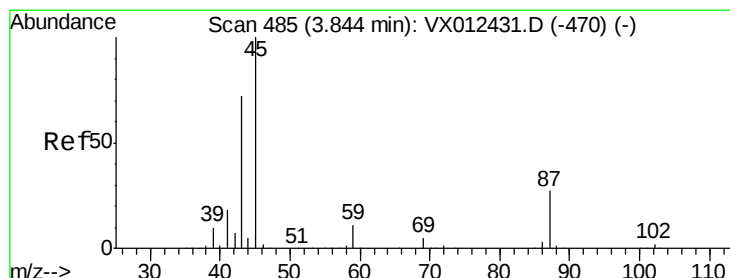
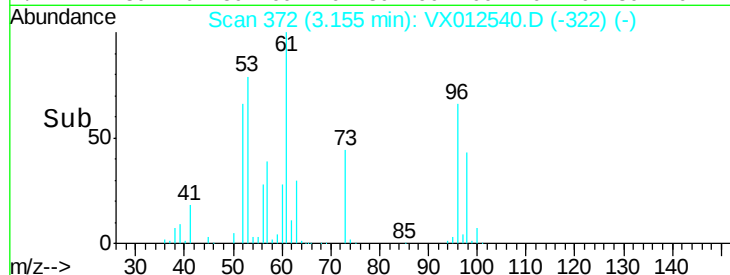
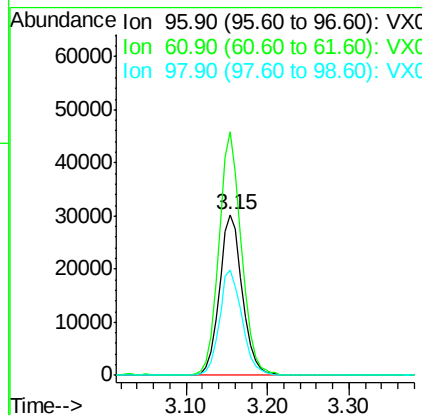
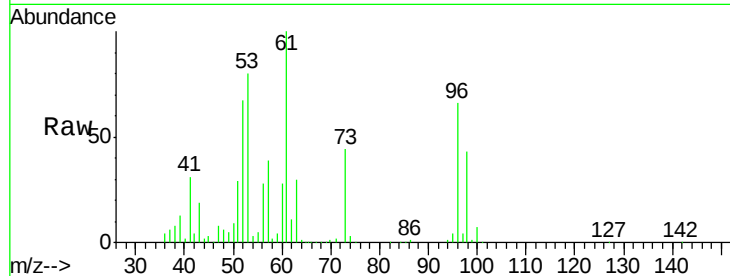
98 65.4 47.8 71.8

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#22

Diisopropyl ether

Concen: 50.473 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Tgt Ion: 45 Resp: 315365

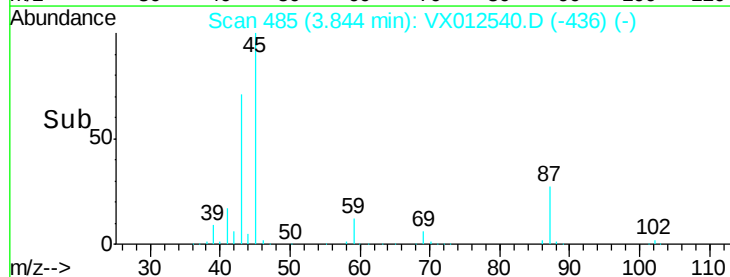
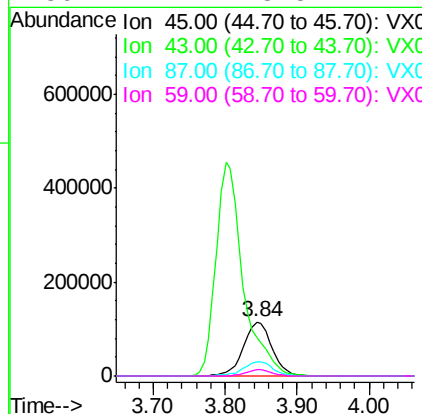
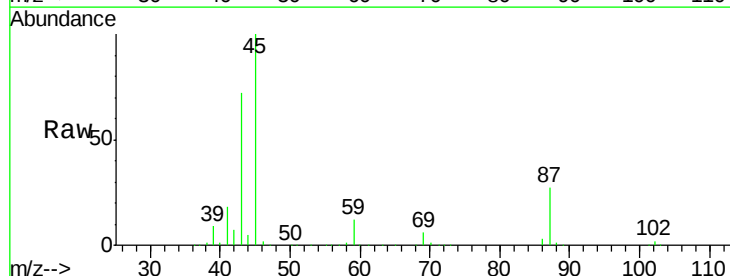
Ion Ratio Lower Upper

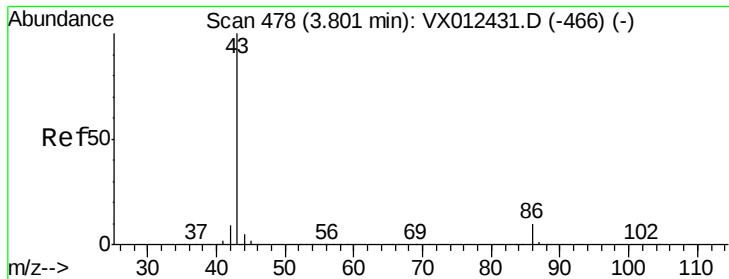
45 100

43 71.2 57.8 86.8

87 26.8 21.3 31.9

59 12.2 8.5 12.7





#23

Vinyl Acetate

Concen: 231.984 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleID :

Z2-0157MSD

Tot Ion: 43 Resp: 1192342

Ion Ratio Lower Upper

43 100

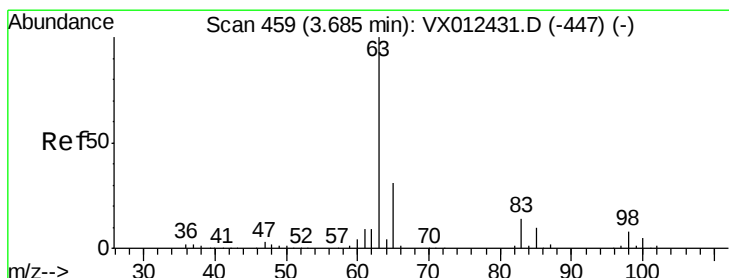
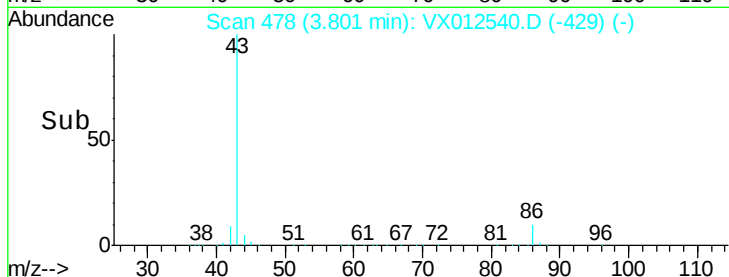
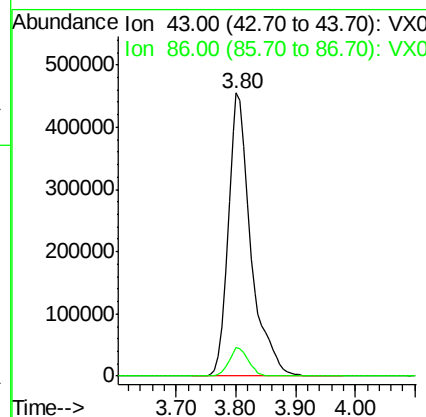
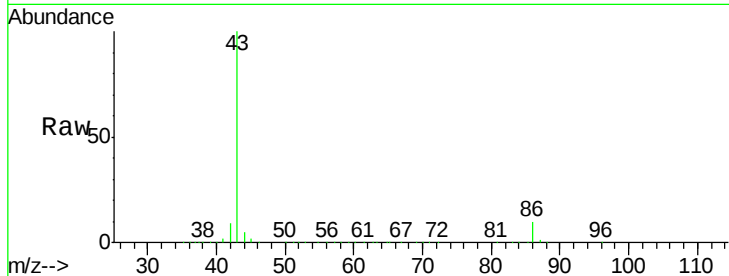
86 10.0 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 50.871 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

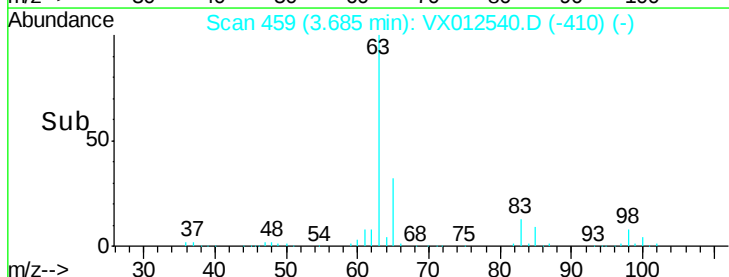
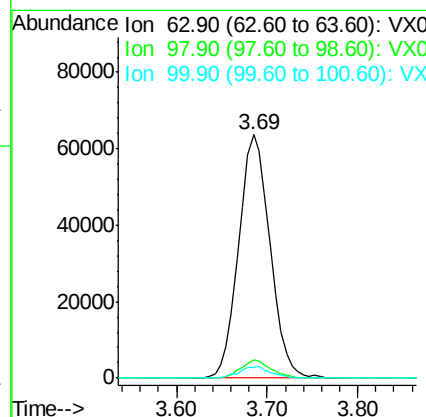
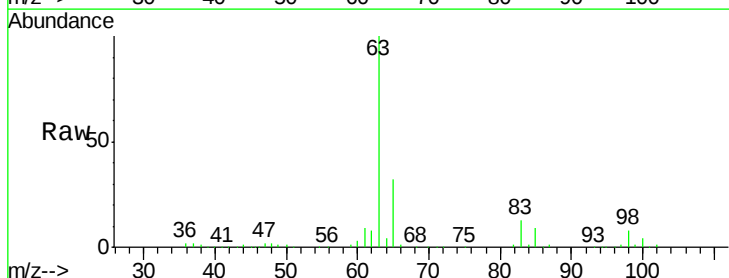
Tgt Ion: 63 Resp: 152078

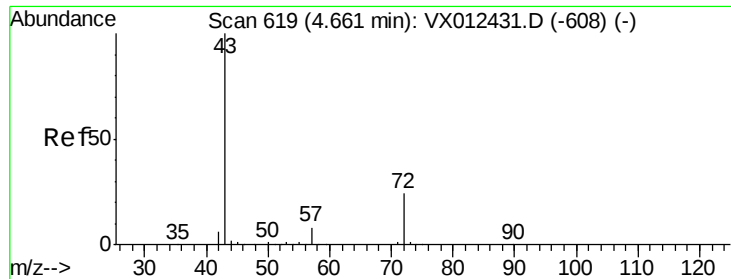
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 231.130 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion: 43 Resp: 418914

Ion Ratio Lower Upper

43 100

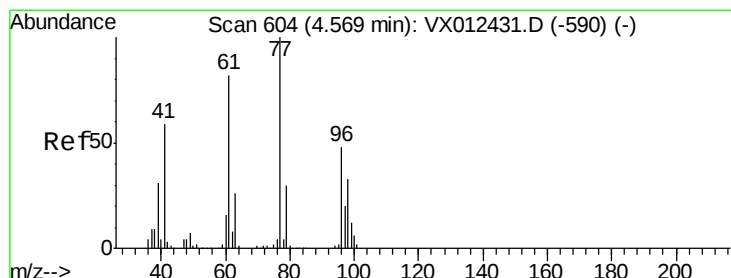
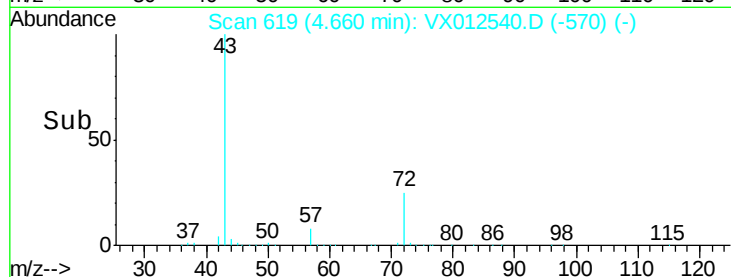
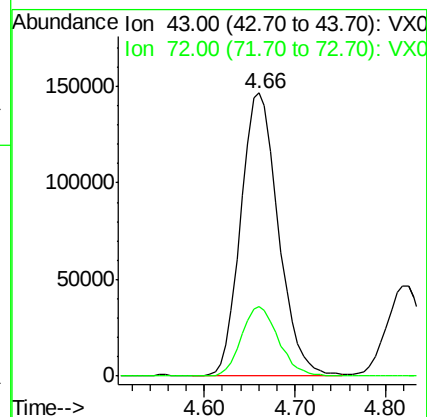
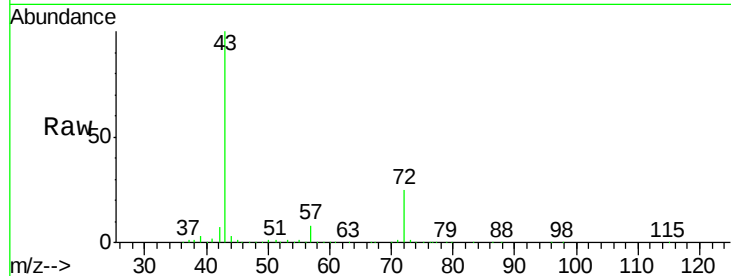
72 24.5 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.258 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012540.D

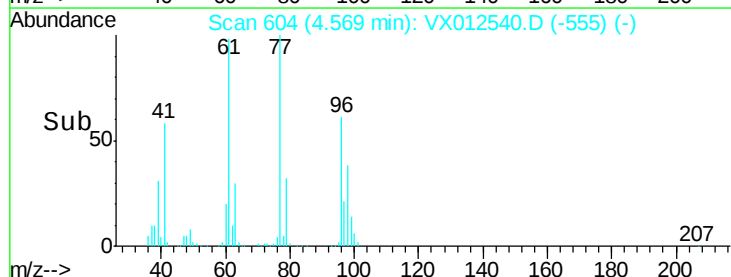
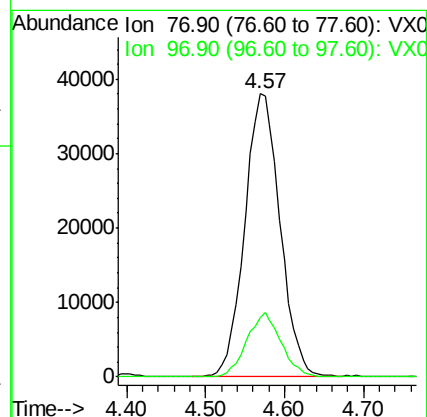
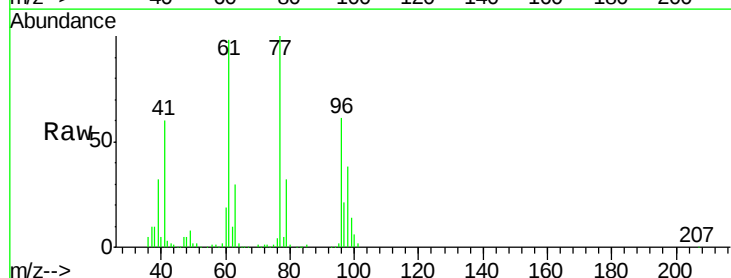
Acq: 19 Sep 2019 19:50

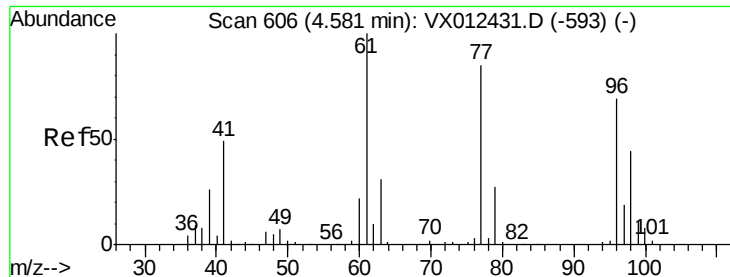
Tgt Ion: 77 Resp: 118363

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6





#27

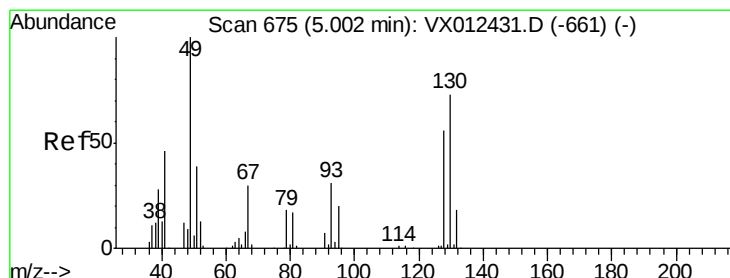
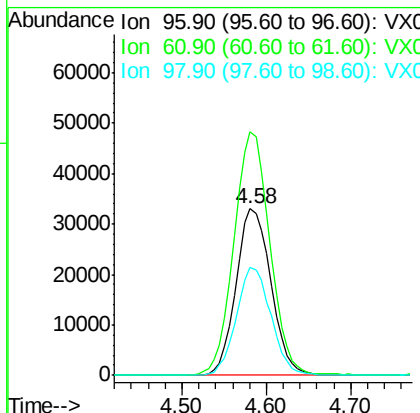
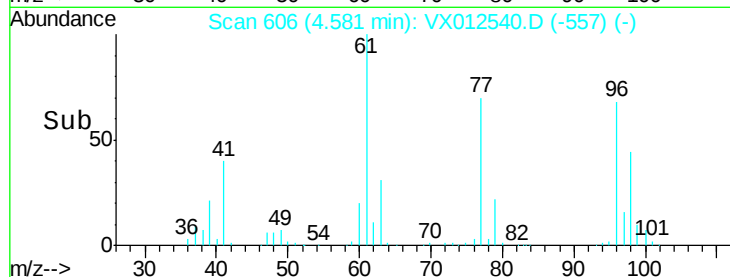
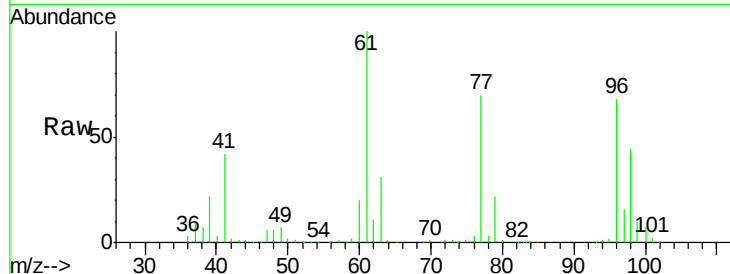
cis-1,2-Dichloroethene
 Concen: 52.151 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.4	0.0	319.4	
98	64.1	0.0	130.6	

Manual Integrations
 APPROVED

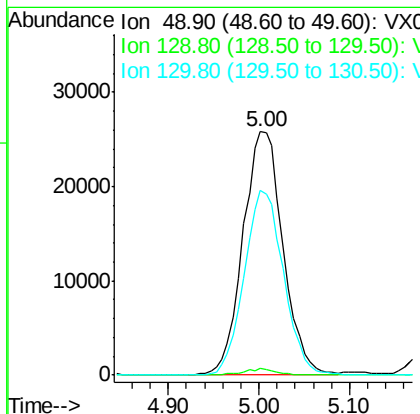
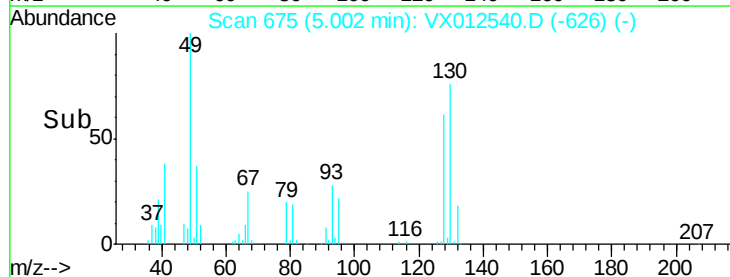
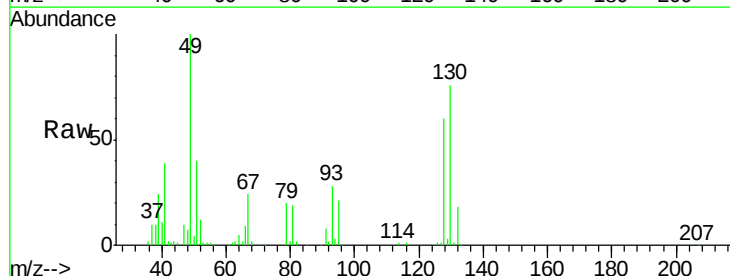
MMDadoda
 9/20/2019 10:46:02 AM

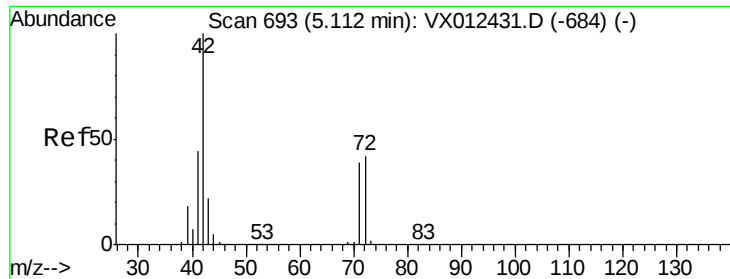


#28

Bromochloromethane
 Concen: 51.152 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	3.8	
130	74.4	58.2	87.4	





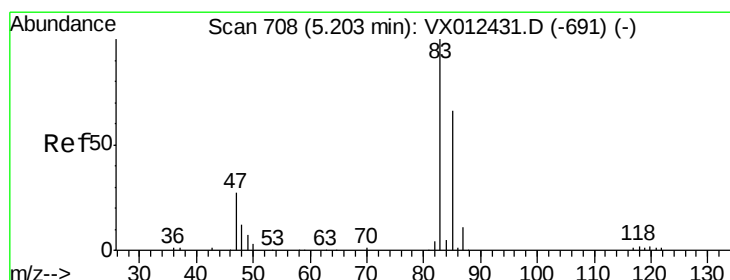
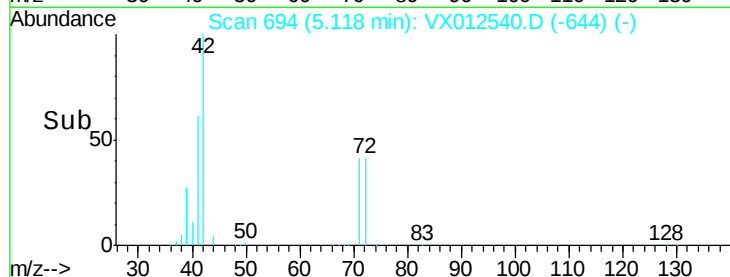
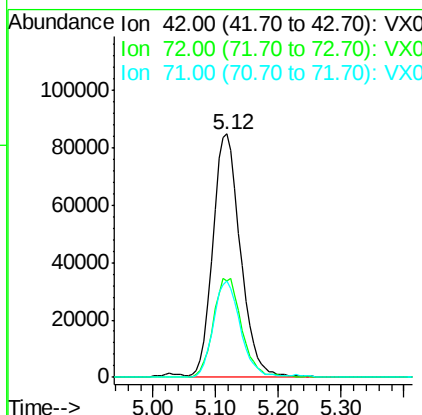
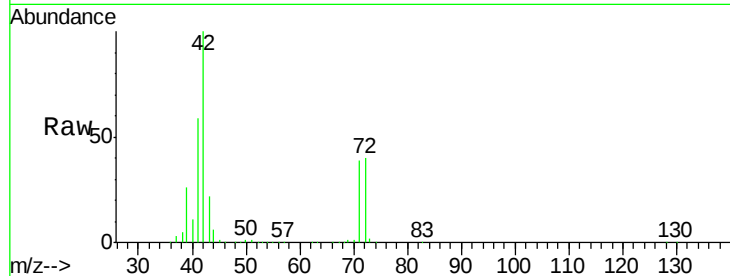
#29
Tetrahydrofuran
Concen: 256.638 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.0	51.0
71	38.8	31.5	47.3

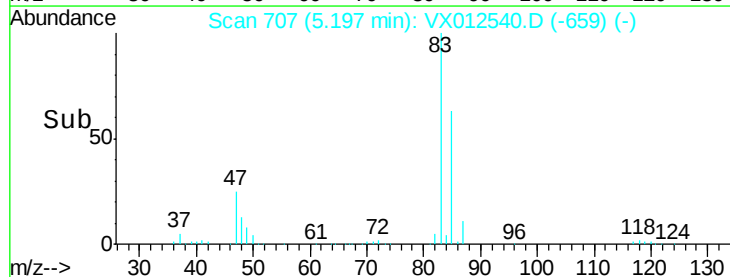
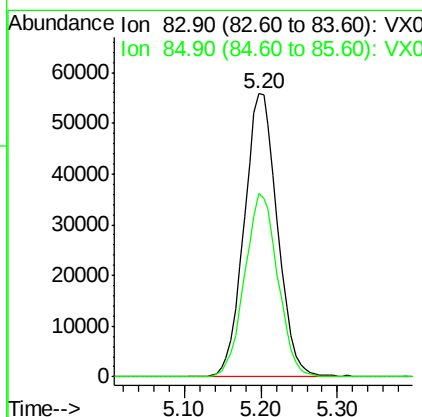
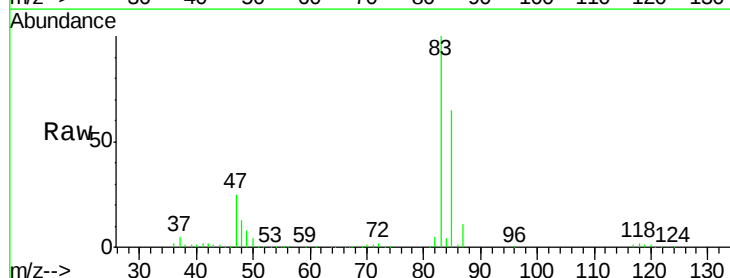
Manual Integrations
APPROVED

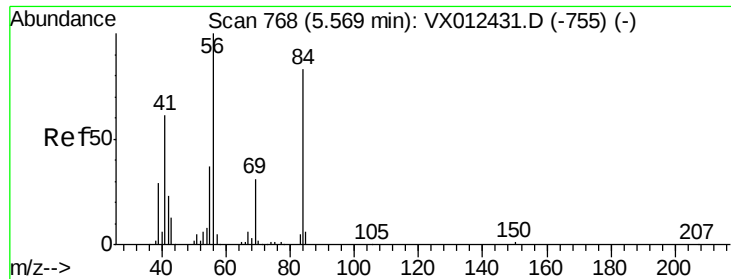
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#30
Chloroform
Concen: 49.118 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.0	79.4





#31

Cvclohexane

Concen: 145.917 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

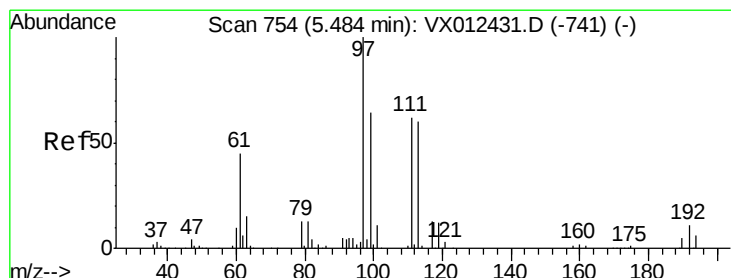
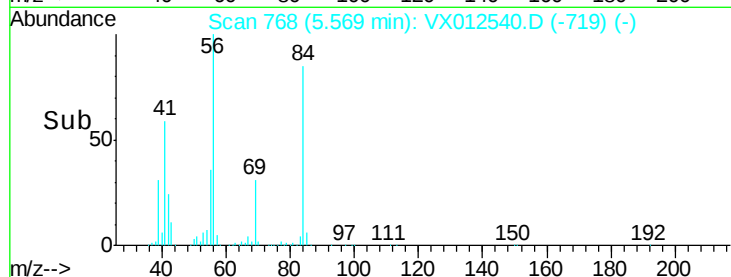
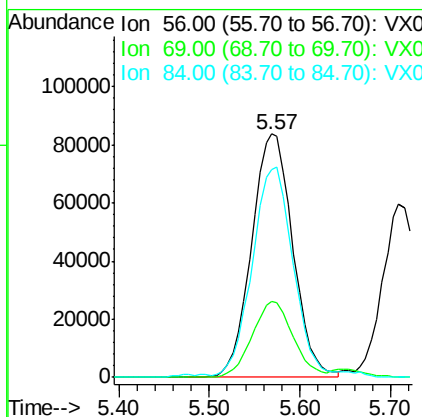
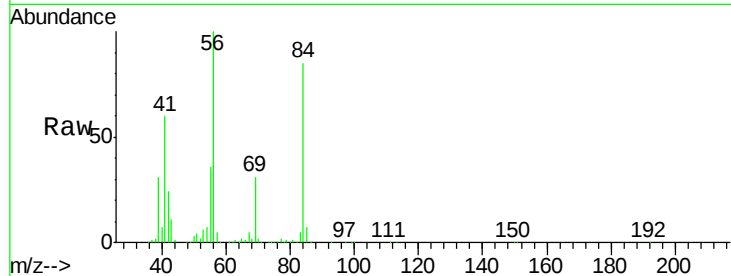
ClientSampleId :

Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	84.3	66.4	99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.377 ug/l

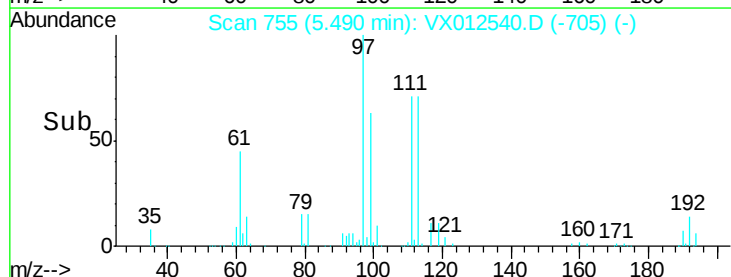
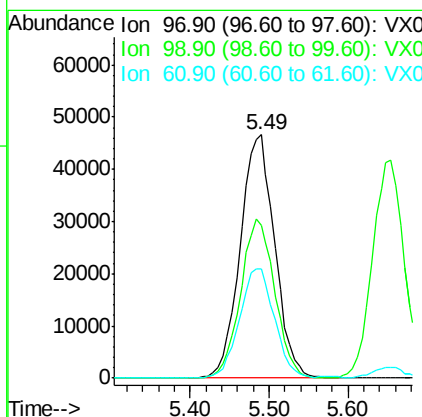
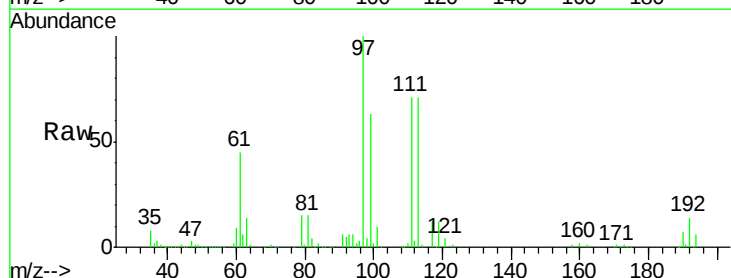
RT: 5.49 min Scan# 755

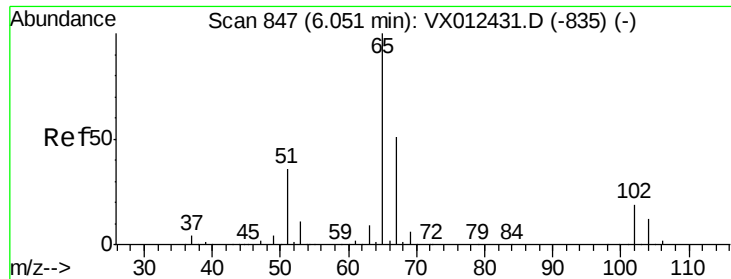
Delta R.T. 0.01 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	45.7	36.1	54.1





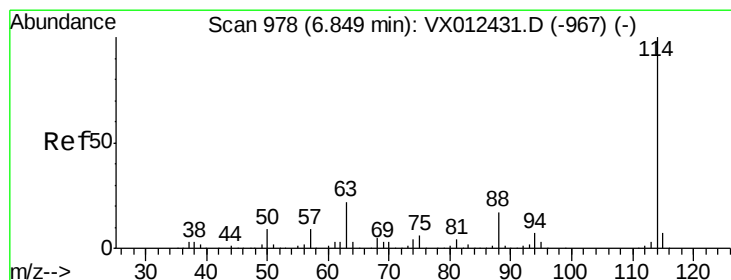
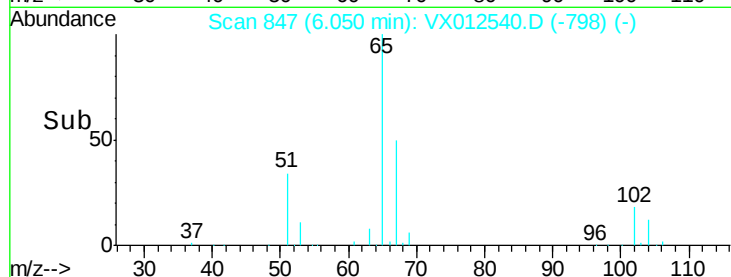
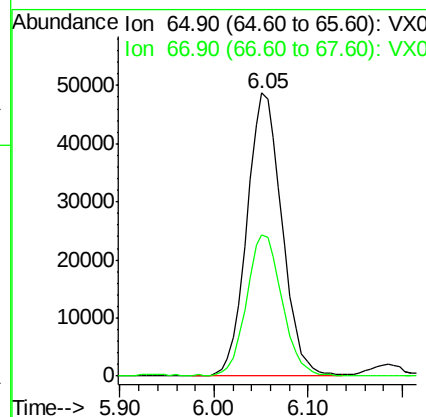
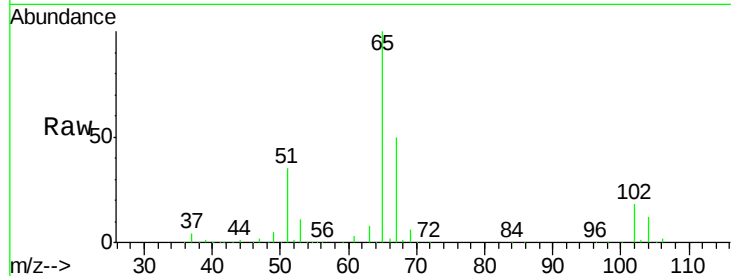
#33
 1,2-Dichloroethane-d4
 Concen: 48.664 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampled :
 Z2-0157MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127154		
67	50.4	0.0	101.2	

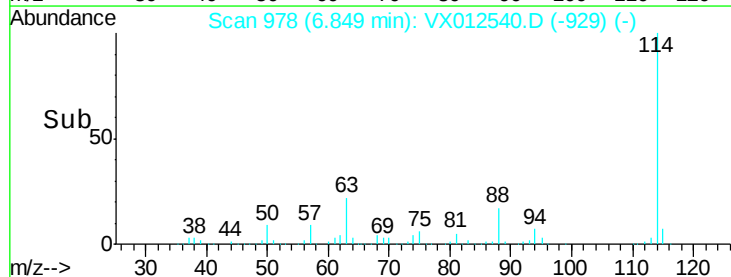
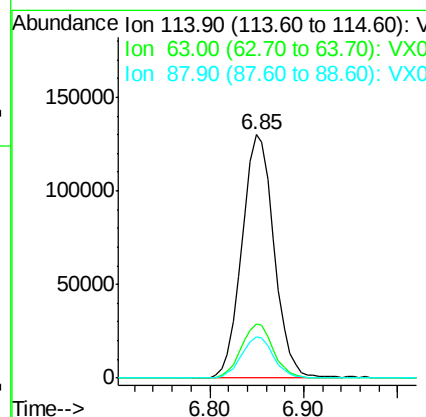
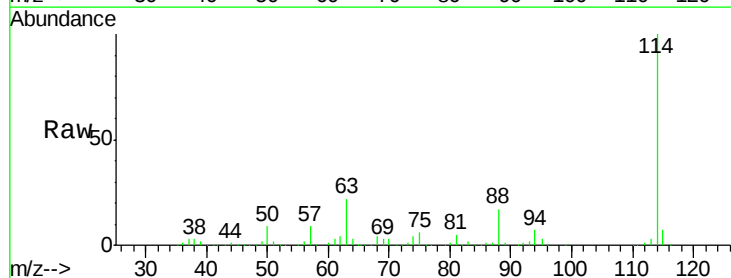
Manual Integrations
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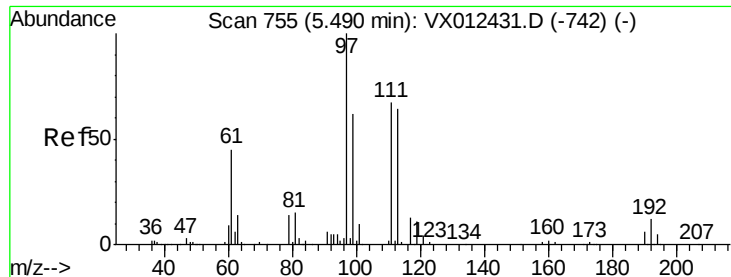
MMDadoda
 9/20/2019 10:46:02 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	310551		
63	22.3	0.0	43.2	
88	17.2	0.0	33.2	





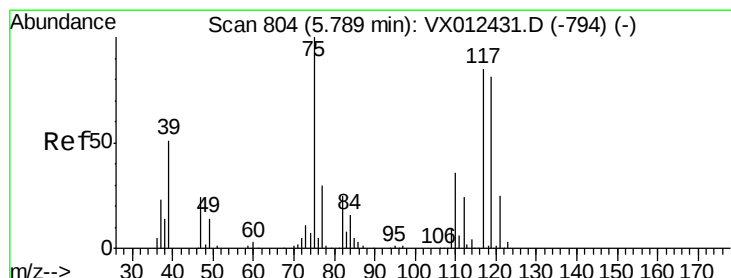
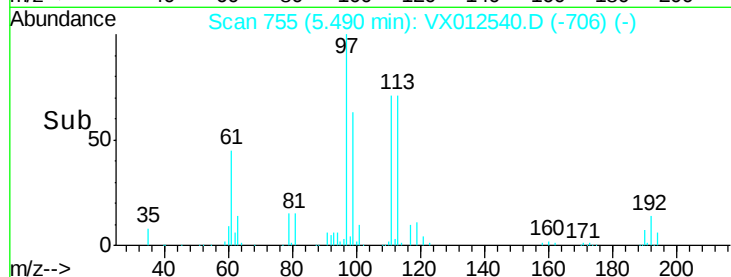
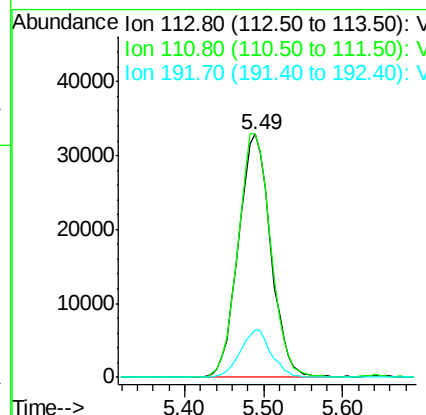
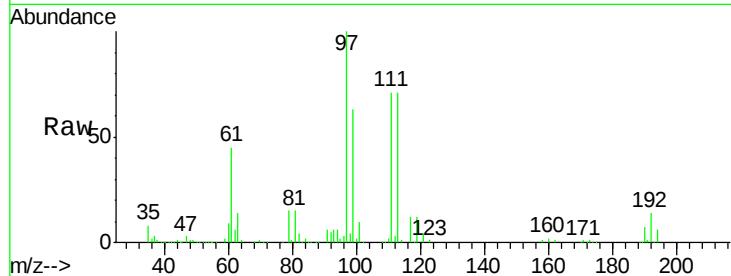
#35
 Dibromofluoromethane
 Concen: 49.900 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	93793		
111	101.7	83.4	125.2	
192	18.7	14.4	21.6	

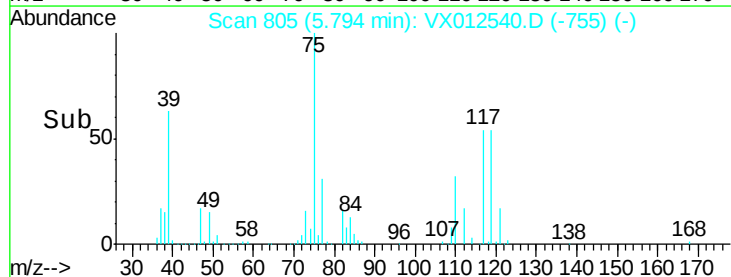
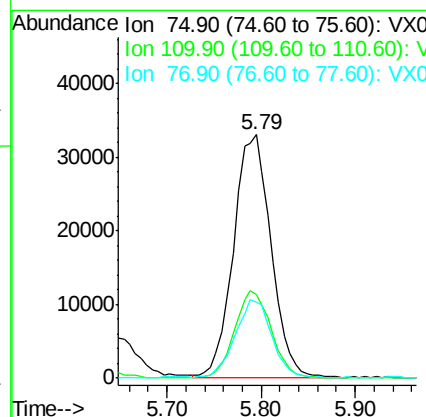
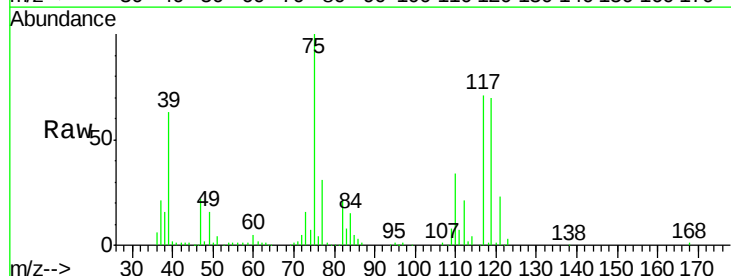
Manual Integrations
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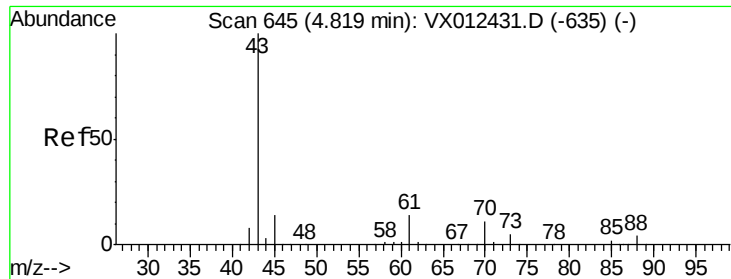
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#36
 1,1-Dichloropropene
 Concen: 48.190 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90953		
110	35.5	16.7	50.0	
77	31.5	24.2	36.2	





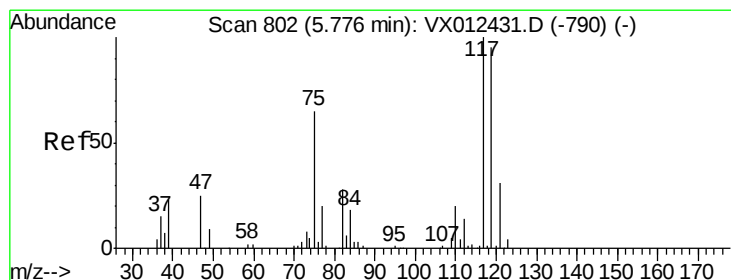
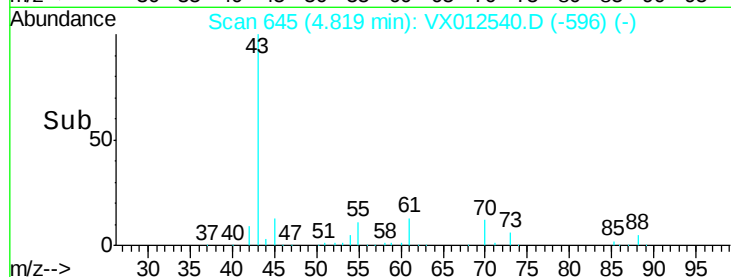
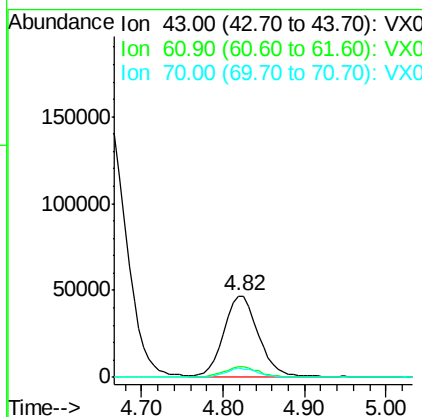
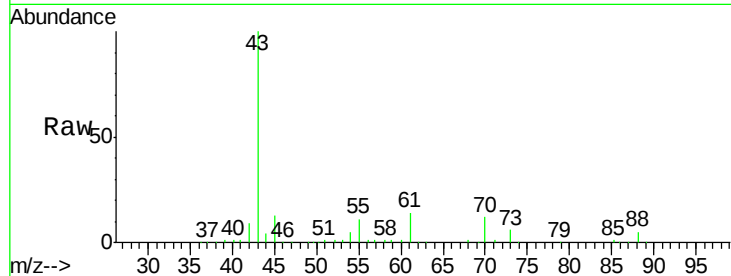
#37
Ethyl Acetate
Concen: 47.099 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	11.1	8.7	13.1

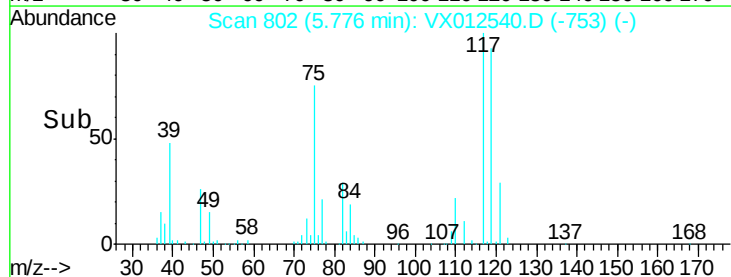
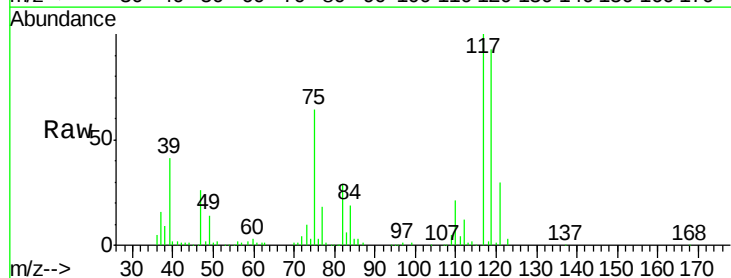
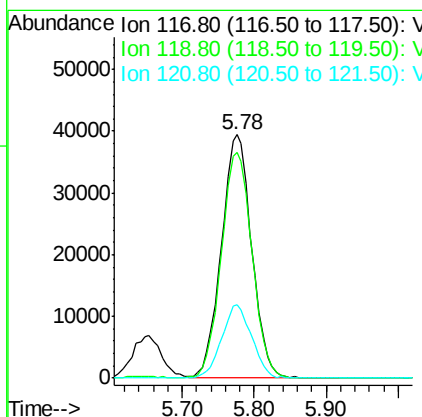
Manual Integrations
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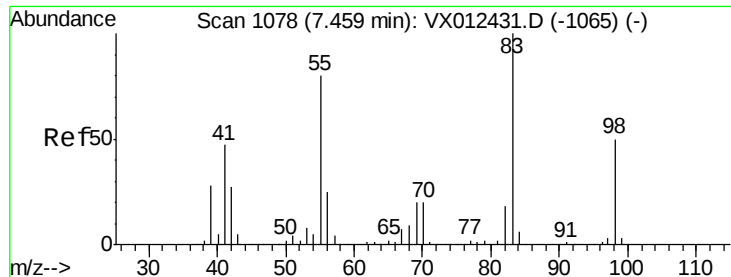
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#38
Carbon Tetrachloride
Concen: 49.153 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.7	113.5
121	30.1	24.2	36.4





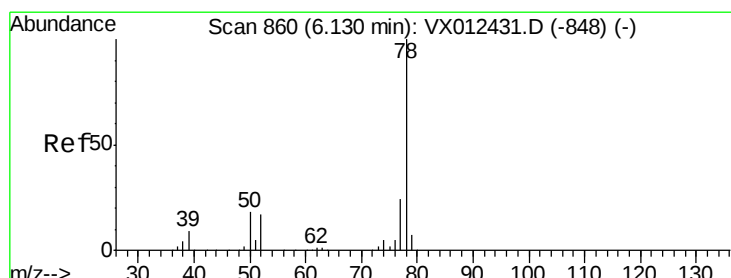
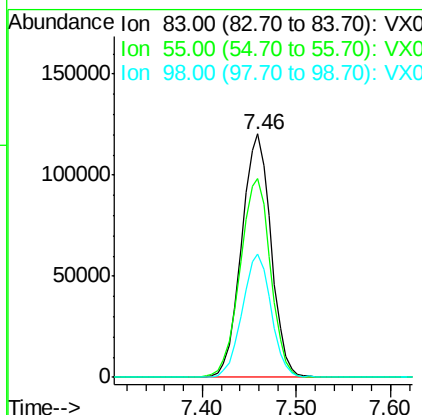
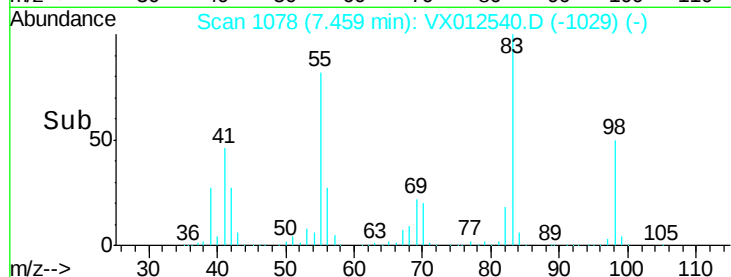
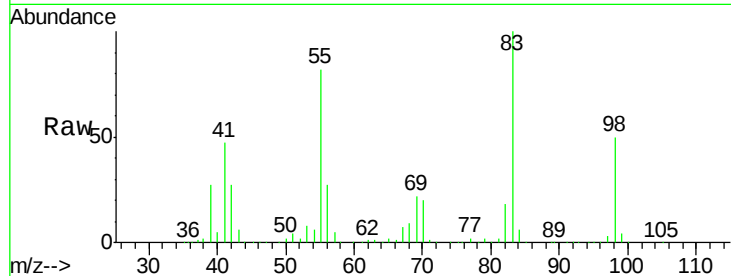
#39
Methvlcvclohexane
Concen: 143.633 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	263535		
55	81.7		64.4	96.6
98	50.4		40.1	60.1

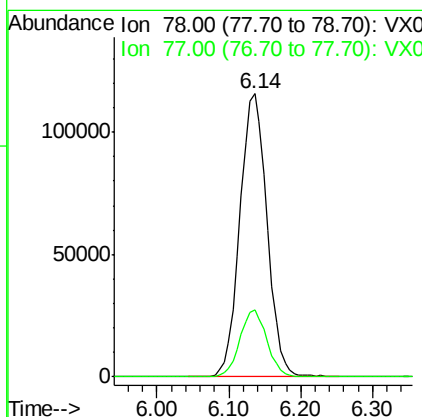
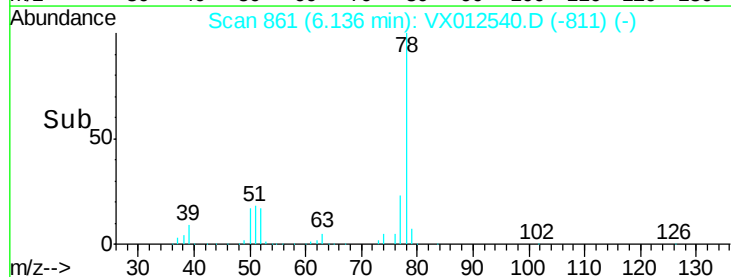
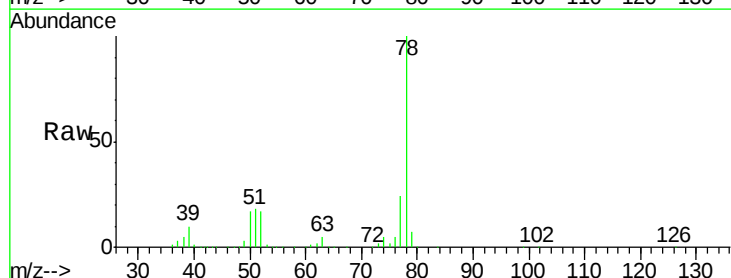
Manual Integrations
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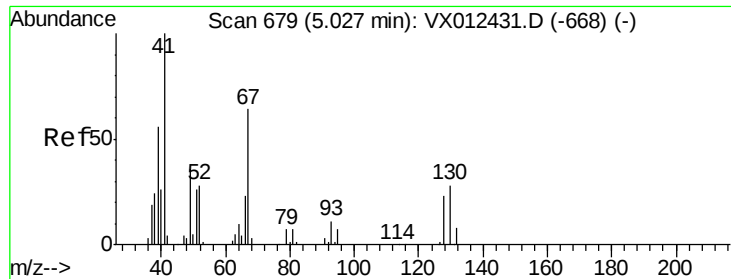
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#40
Benzene
Concen: 50.568 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	303496		
77	23.6		19.2	28.8





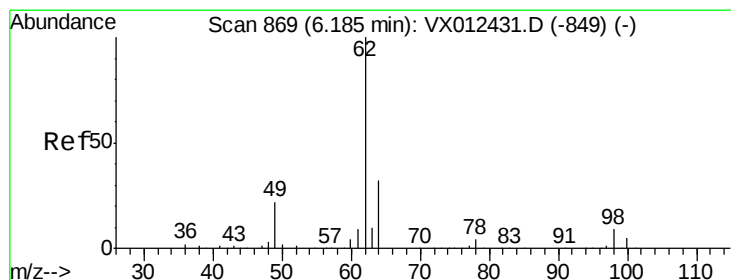
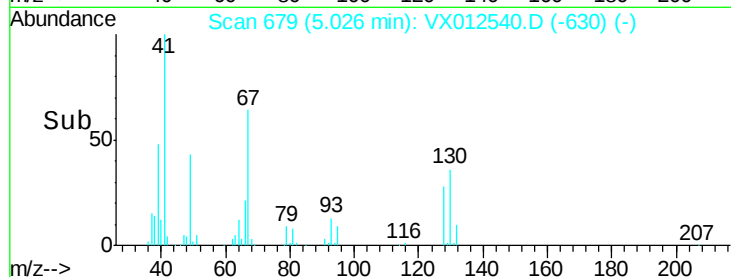
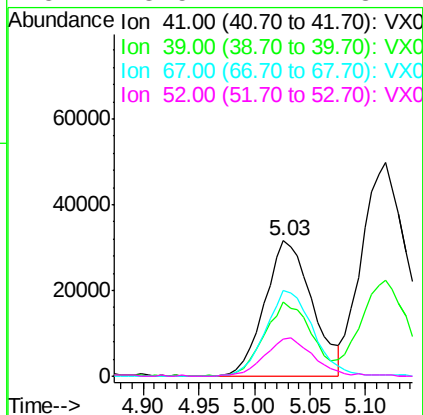
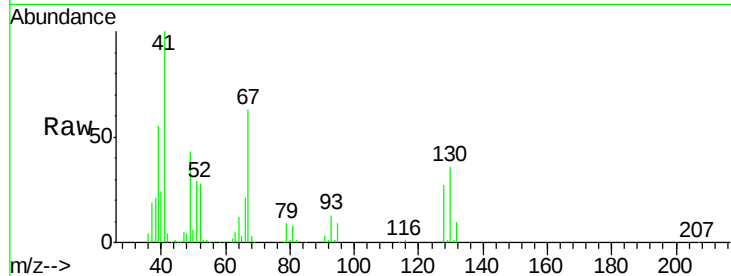
#41
Methacrylonitrile
Concen: 50.042 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		93351		
39	53.4	46.0	69.0		
67	63.7	52.2	78.2		
52	28.5	22.7	34.1		

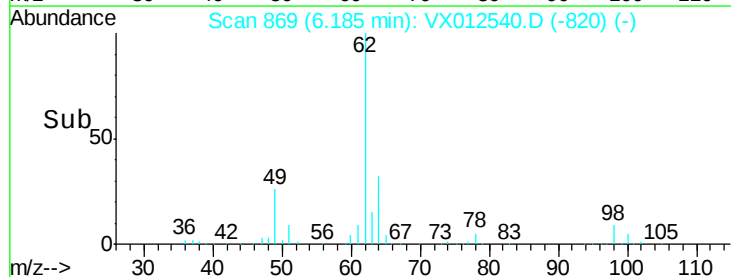
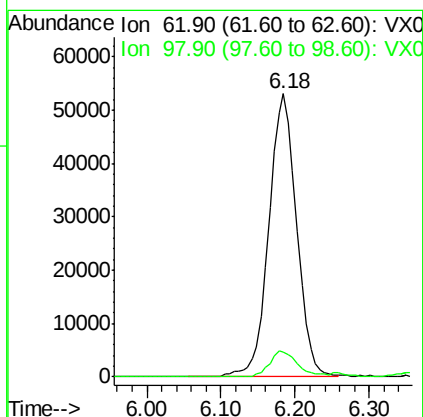
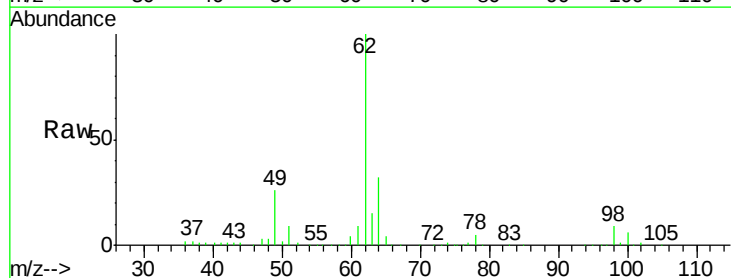
Manual Integrations
APPROVED

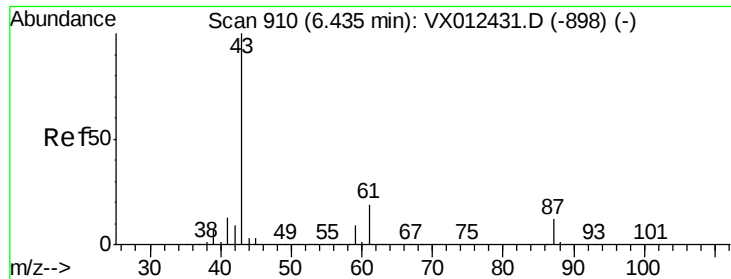
MMDadoda
9/20/2019 10:46:02 AM



#42
1,2-Dichloroethane
Concen: 49.332 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		137325		
98	9.0	0.0	17.8		





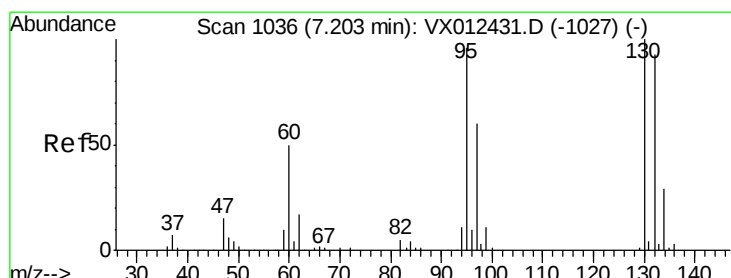
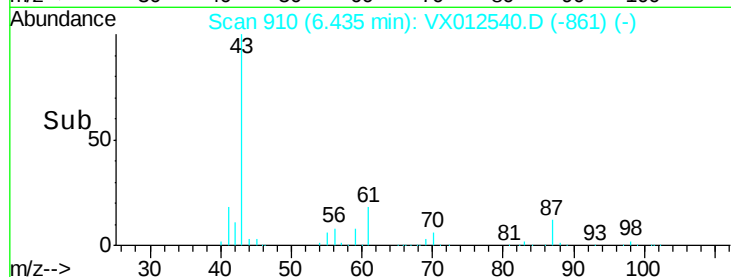
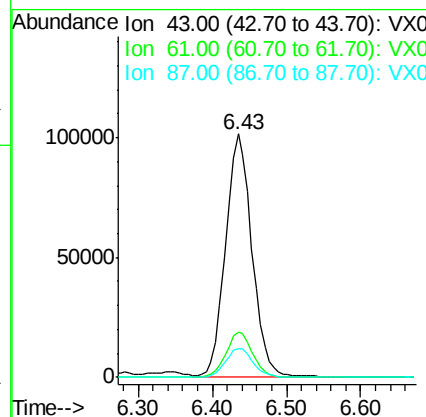
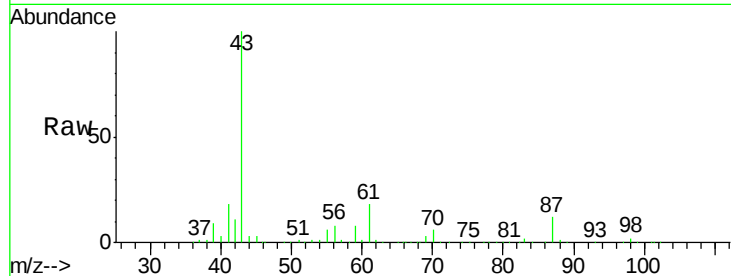
#43
Isopropyl Acetate
Concen: 47.779 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	12.4	9.8	14.8

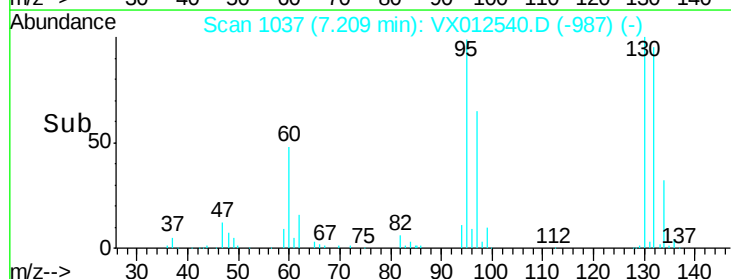
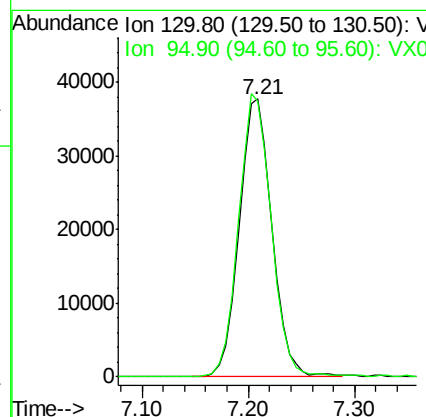
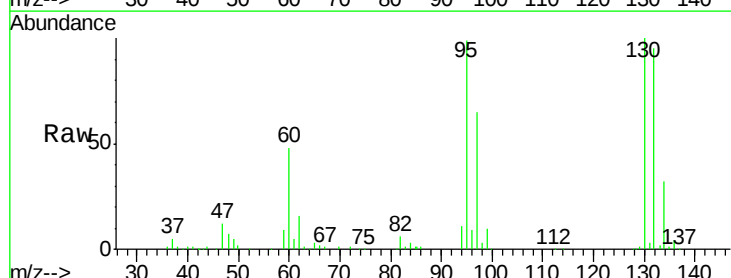
Manual Integrations
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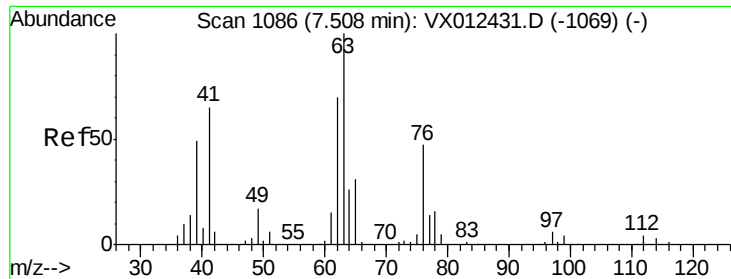
MMDadoda
9/20/2019 10:46:02 AM



#44
Trichloroethene
Concen: 51.486 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	193.0





#45

1,2-Dichloropropane

Concen: 50.687 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

Z2-0157MSD

Tot Ion: 63 Resp: 93463

Ion Ratio Lower Upper

63 100

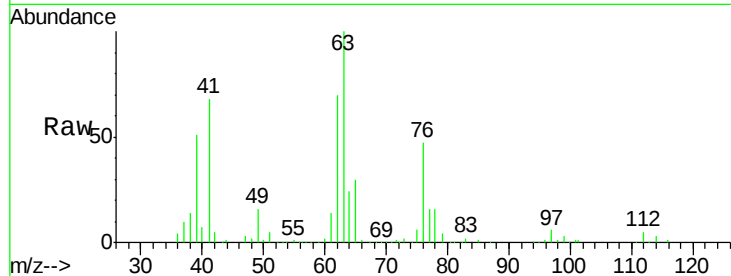
65 29.9 25.0 37.6

Manual Integrations

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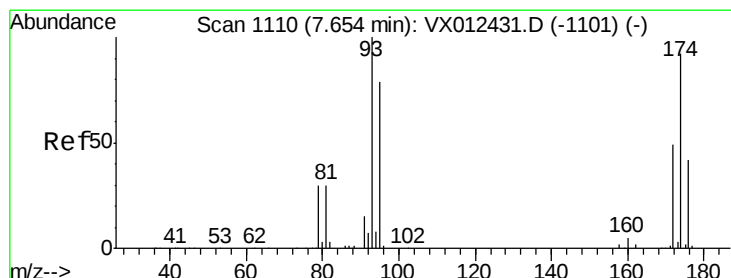
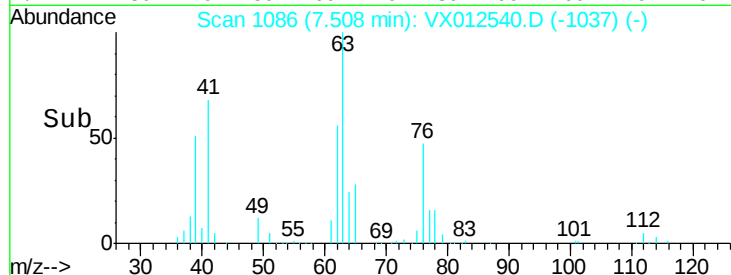
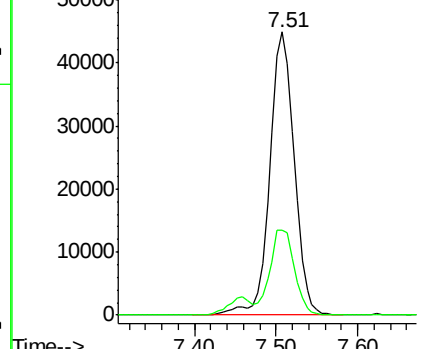
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.645 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

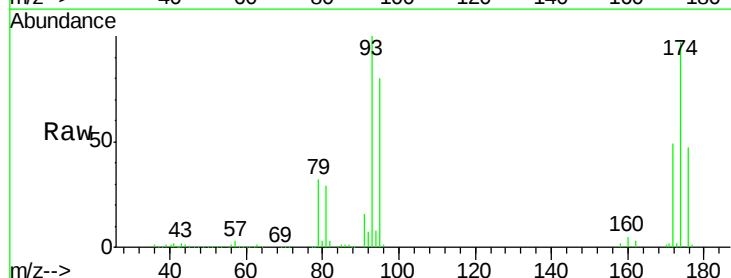
Tgt Ion: 93 Resp: 59238

Ion Ratio Lower Upper

93 100

95 81.3 66.6 100.0

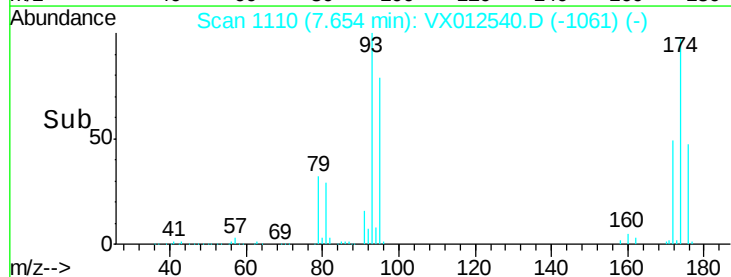
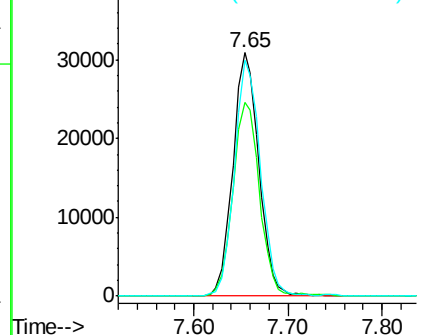
174 96.9 77.4 116.0

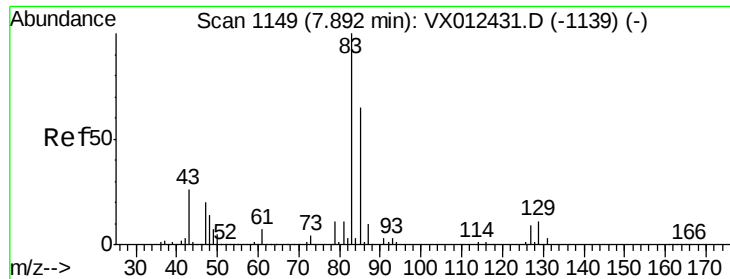


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.870 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

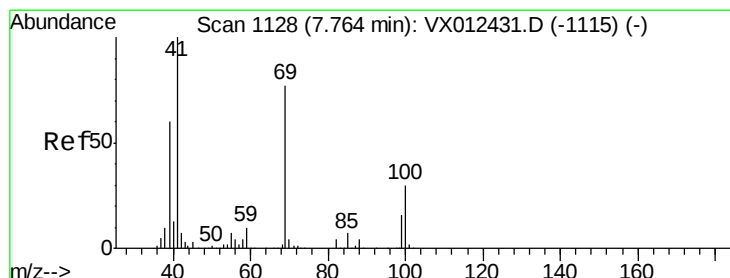
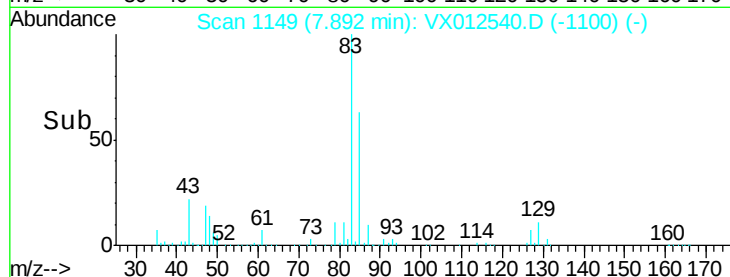
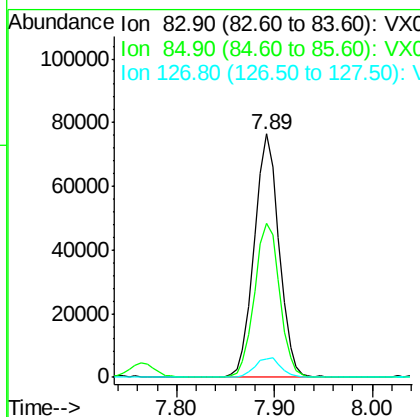
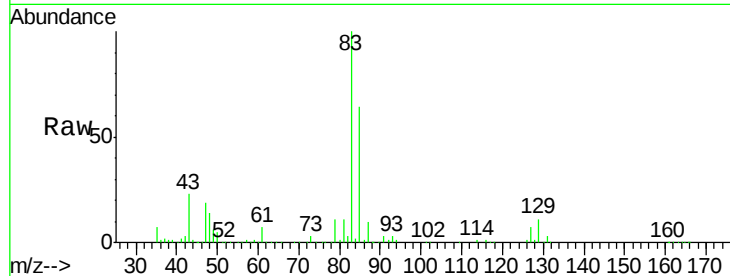
ClientSampled :

Z2-0157MSD

Tot Ion:	83	Resp:	135154
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.6
127	7.4	7.3	10.9

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 52.778 ug/l

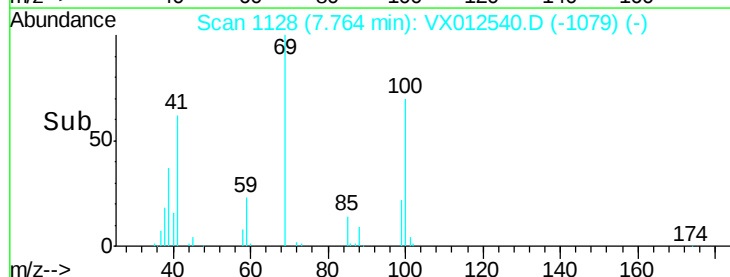
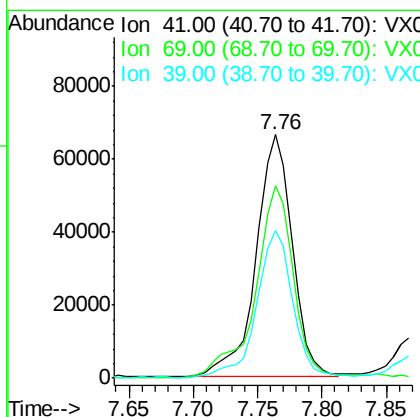
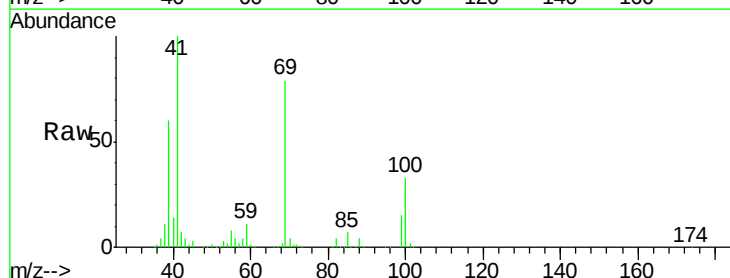
RT: 7.76 min Scan# 1128

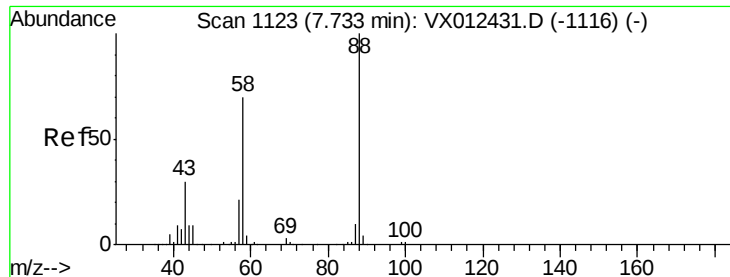
Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Tgt Ion:	41	Resp:	129365
Ion	Ratio	Lower	Upper
41	100		
69	83.9	59.9	89.9
39	60.3	47.8	71.6





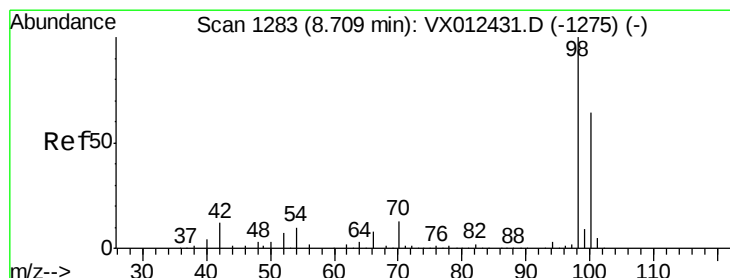
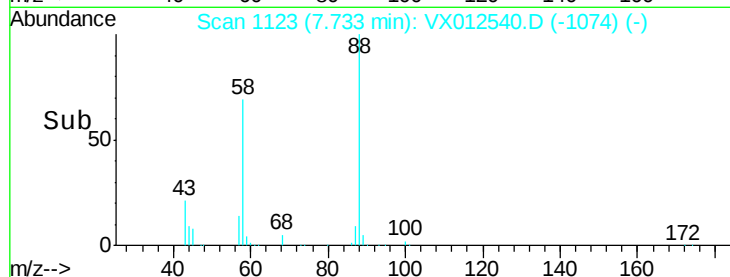
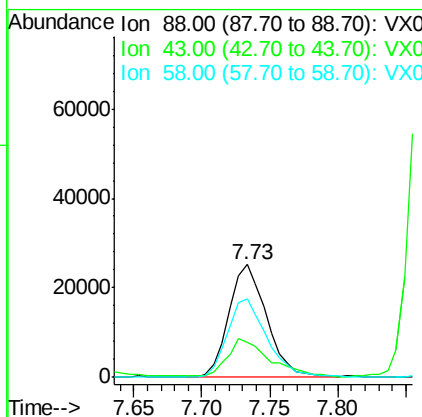
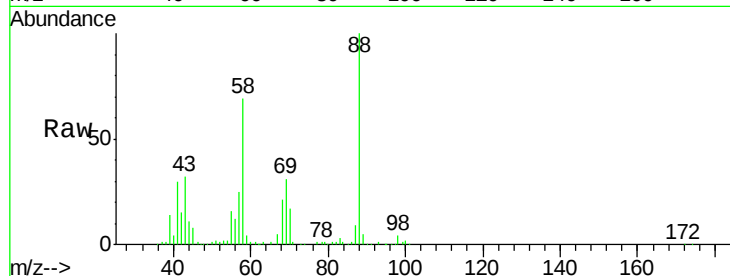
#49
1,4-Dioxane
Concen: 822.728 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	29.4	44.0
58	72.3	57.5	86.3

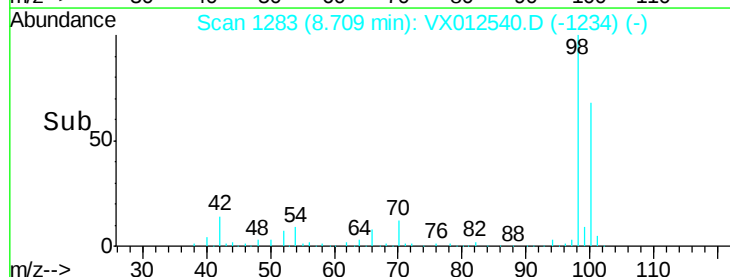
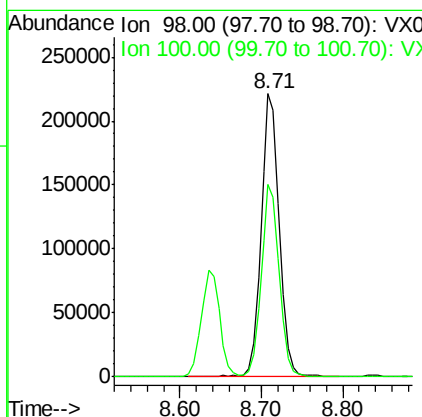
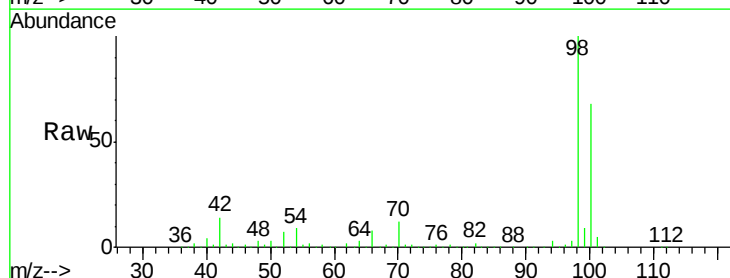
Manual Integrations
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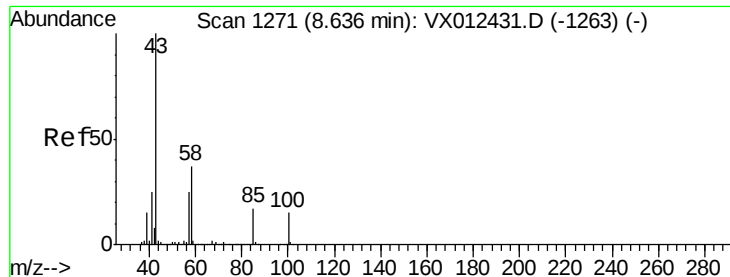
MMDadoda
9/20/2019 10:46:02 AM



#50
Toluene-d8
Concen: 49.798 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 253.066 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion: 43 Resp: 862953

Ion Ratio Lower Upper

43 100

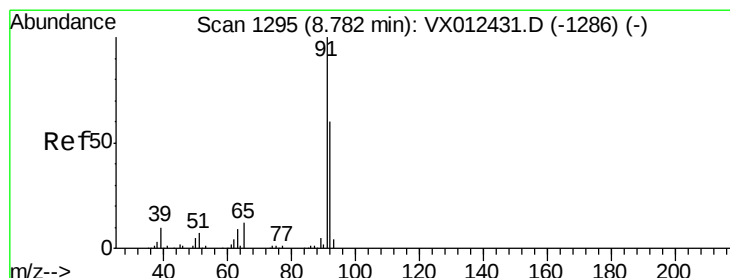
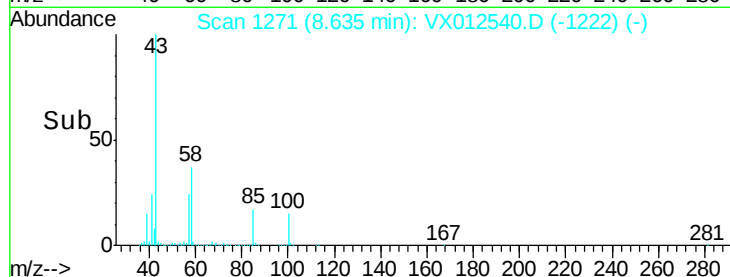
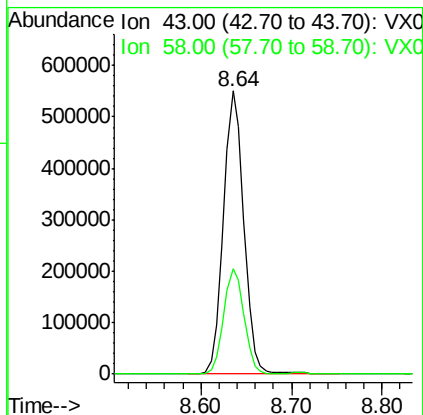
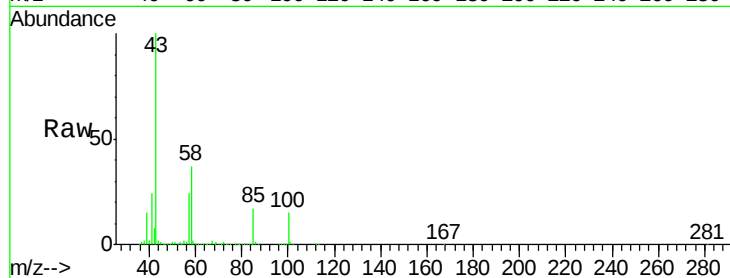
58 37.3 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 51.248 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012540.D

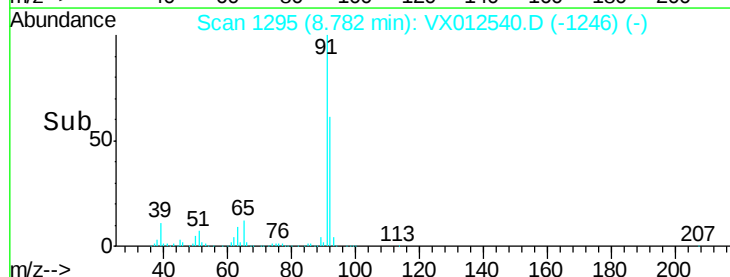
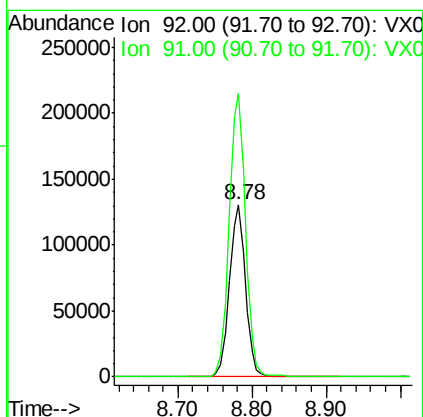
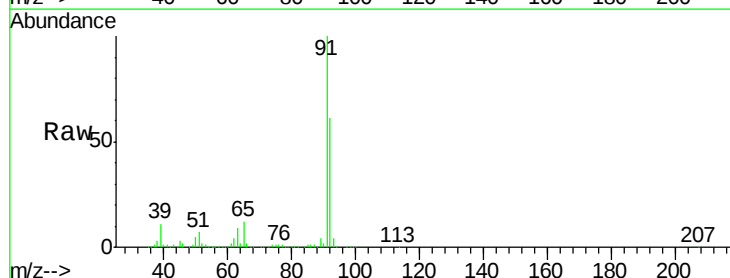
Acq: 19 Sep 2019 19:50

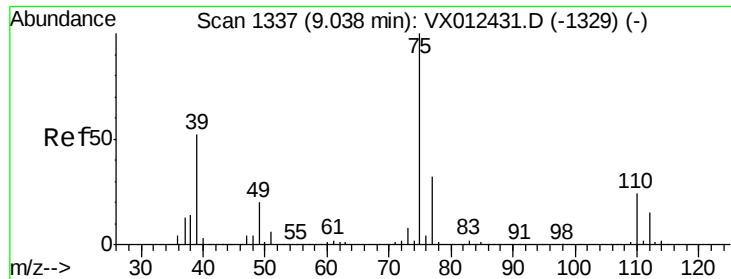
Tgt Ion: 92 Resp: 198197

Ion Ratio Lower Upper

92 100

91 167.2 135.4 203.0





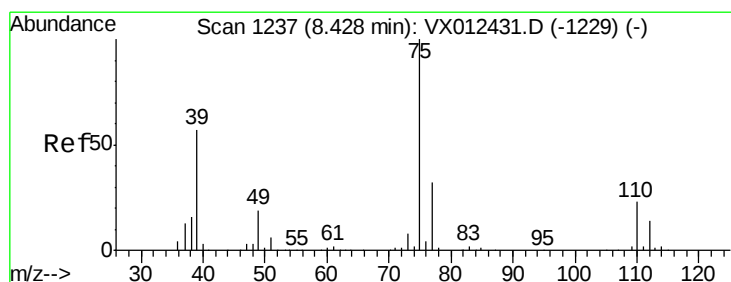
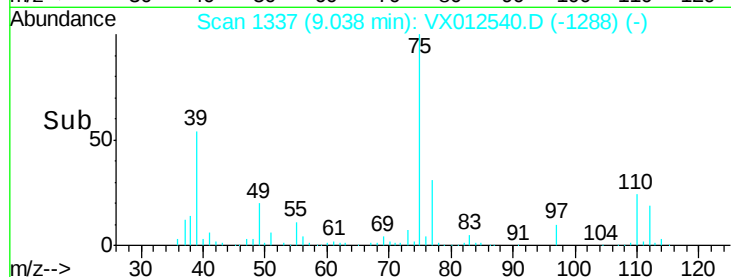
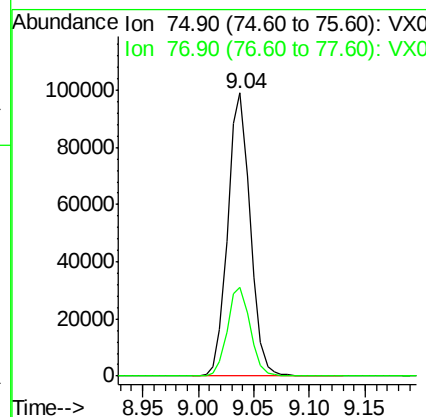
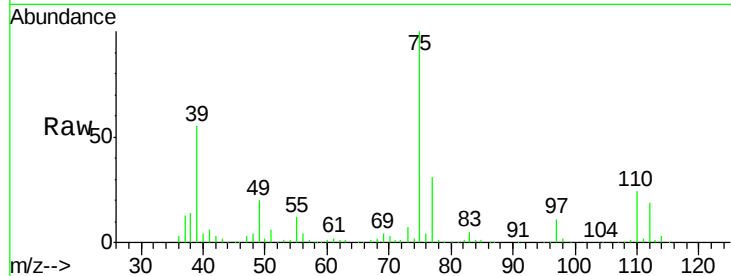
#53
t-1,3-Dichloropropene
Concen: 50.194 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampled :
Z2-0157MSD

Tot Ion	75	Resp	138626
Ion Ratio	Lower	Upper	
75	100		
77	31.2	25.2	37.8

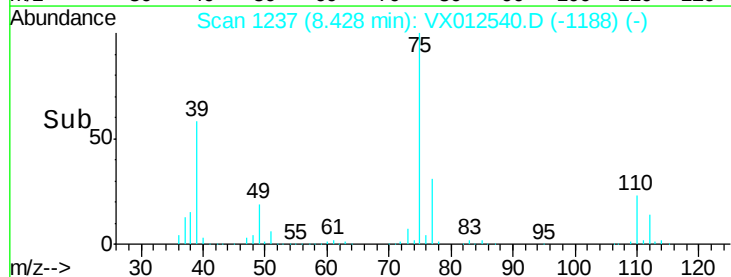
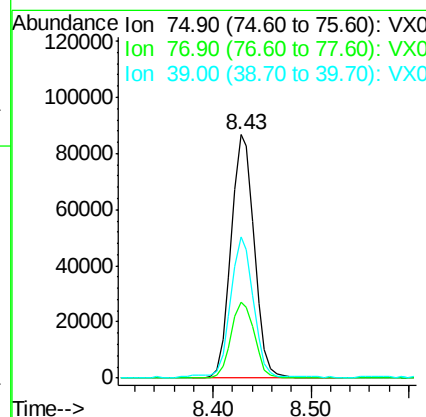
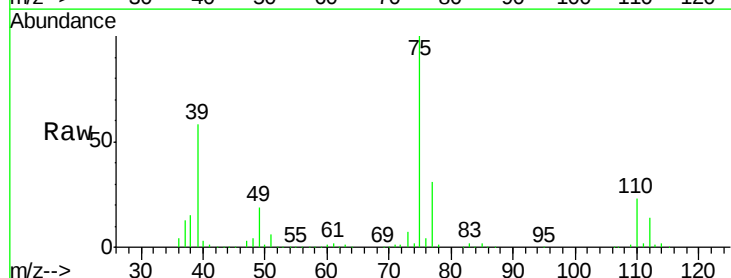
Manual Integrations
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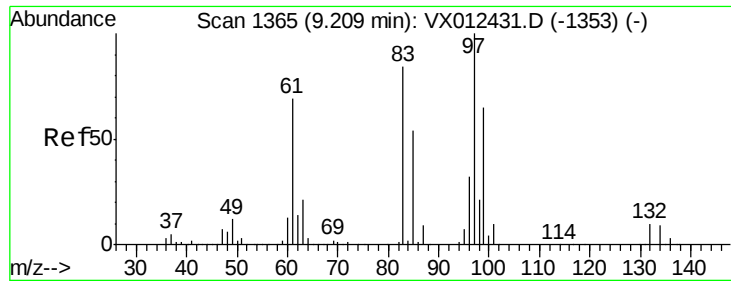
MMDadoda
9/20/2019 10:46:02 AM



#54
cis-1,3-Dichloropropene
Concen: 49.914 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	75	Resp	142714
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.8	38.8
39	57.4	45.5	68.3





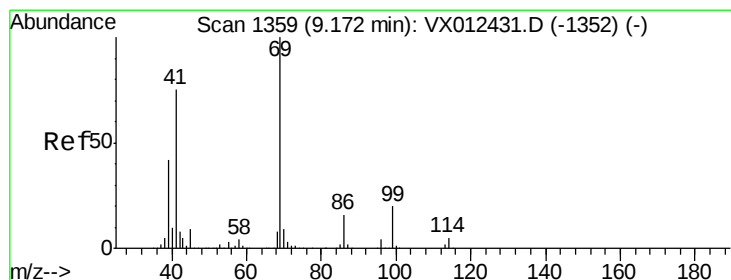
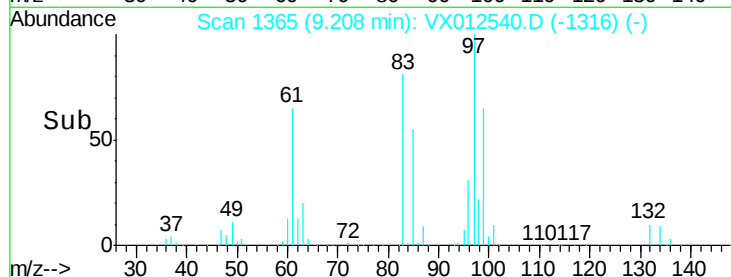
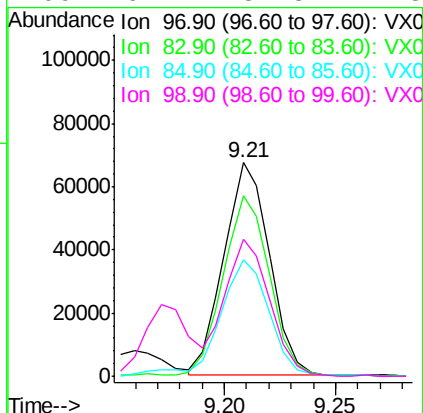
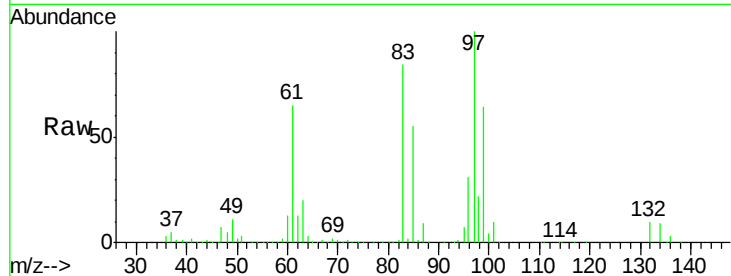
#55
 1,1,2-Trichloroethane
 Concen: 48.387 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleID :
 Z2-0157MSD

Tot Ion:	97	Resp:	96408
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.4	101.2
85	54.5	43.5	65.3
99	64.4	51.8	77.8

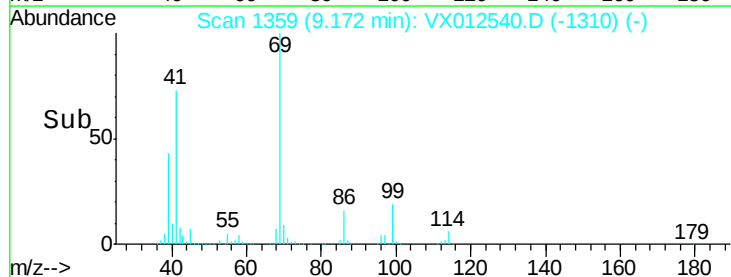
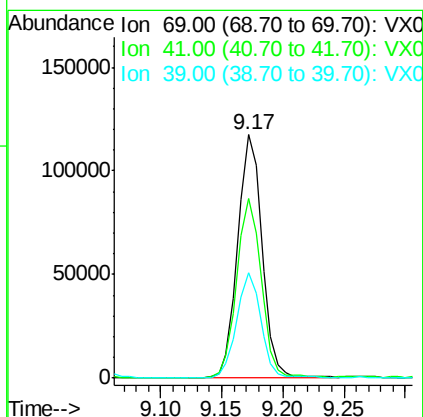
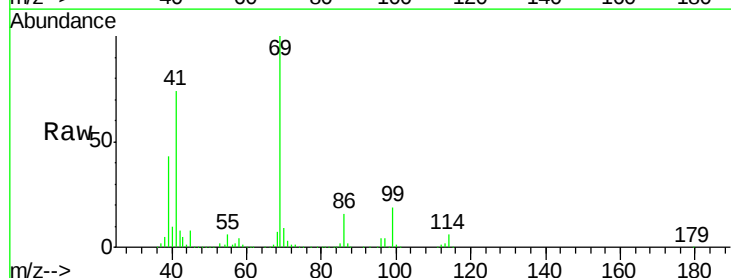
Manual Integrations
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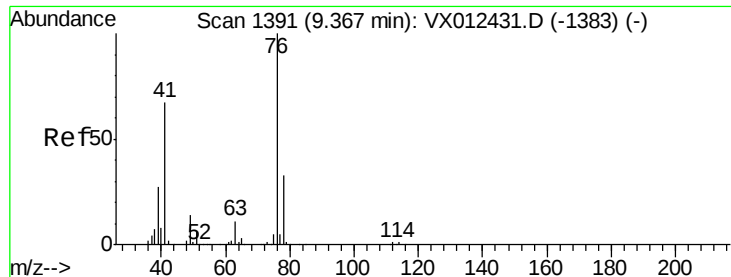
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#56
 Ethyl methacrylate
 Concen: 52.024 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion:	69	Resp:	162064
Ion	Ratio	Lower	Upper
69	100		
41	74.4	58.4	87.6
39	43.2	33.4	50.0





#57

1,3-Dichloropropane

Concen: 50.972 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

Z2-0157MSD

Tot Ion: 76 Resp: 162038

Ion Ratio Lower Upper

76 100

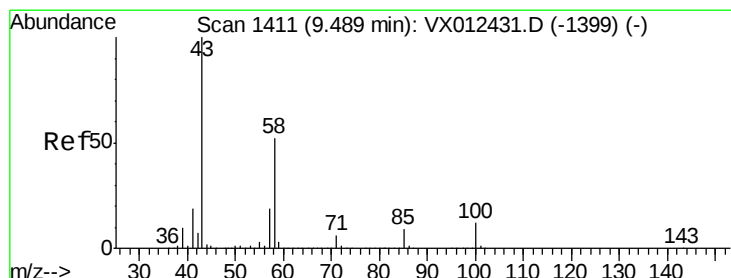
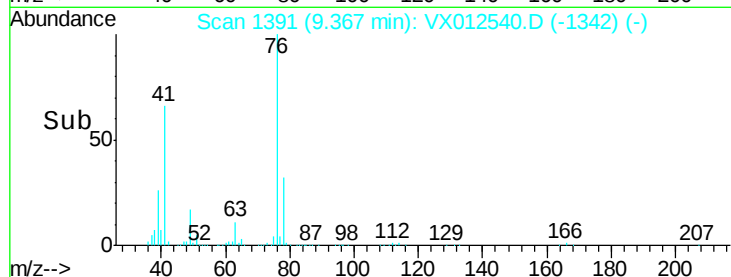
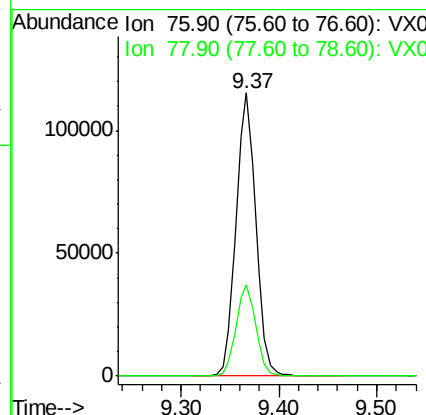
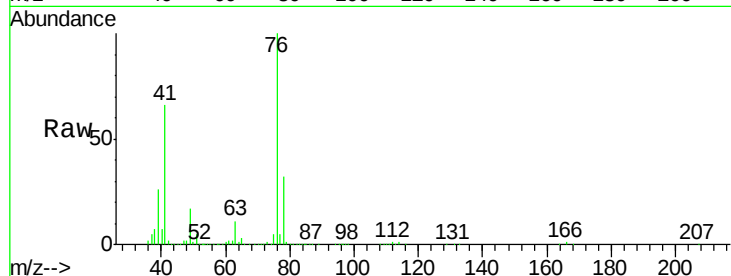
78 32.3 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:02 AM



#59

2-Hexanone

Concen: 243.661 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX012540.D

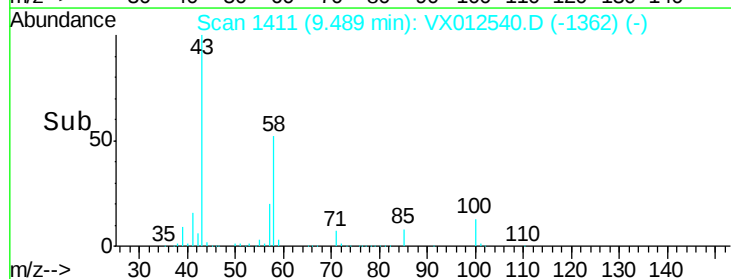
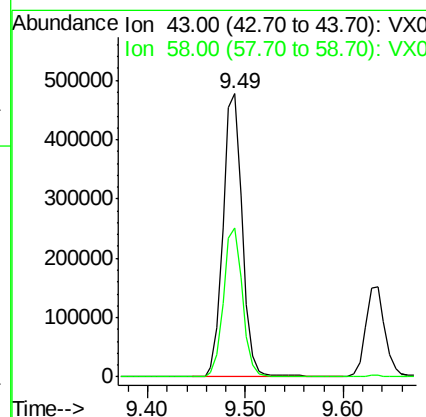
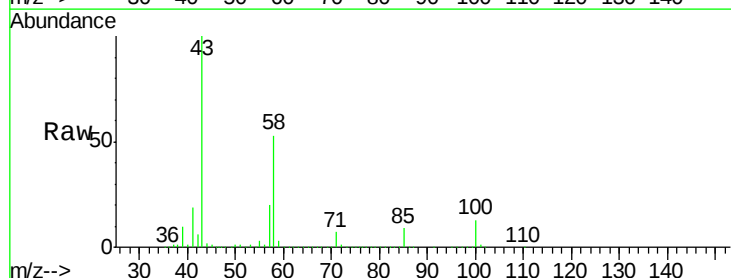
Acq: 19 Sep 2019 19:50

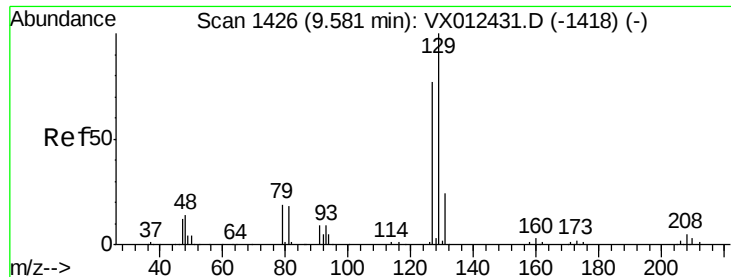
Tgt Ion: 43 Resp: 648227

Ion Ratio Lower Upper

43 100

58 52.2 25.7 77.1





#60

Dibromochloromethane

Concen: 52.549 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion:129 Resp: 106649

Ion Ratio Lower Upper

129 100

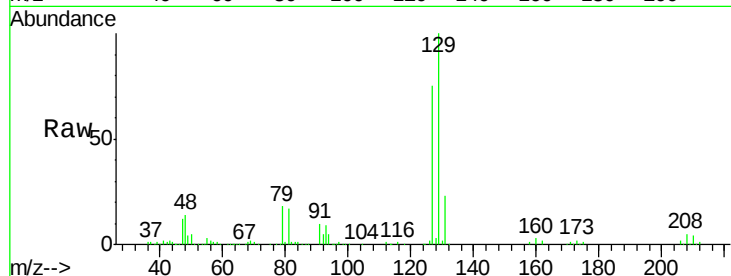
127 75.8 38.9 116.6

Manual Integrations

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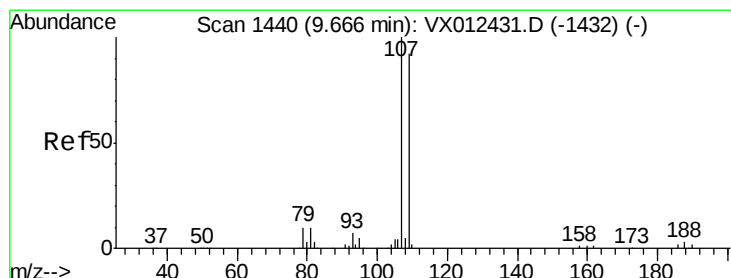
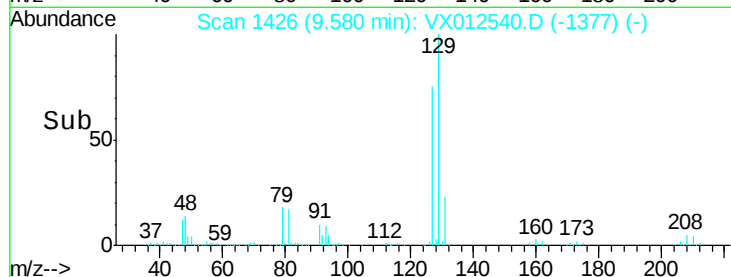
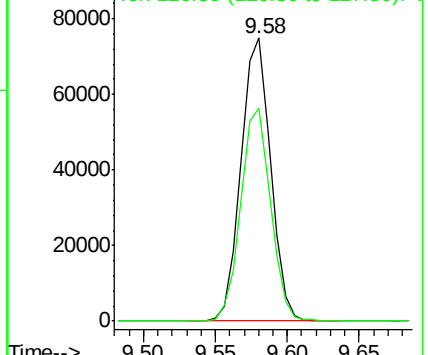
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.962 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012540.D

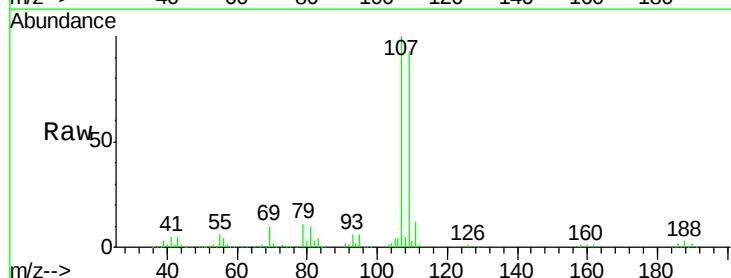
Acq: 19 Sep 2019 19:50

Tgt Ion:107 Resp: 94556

Ion Ratio Lower Upper

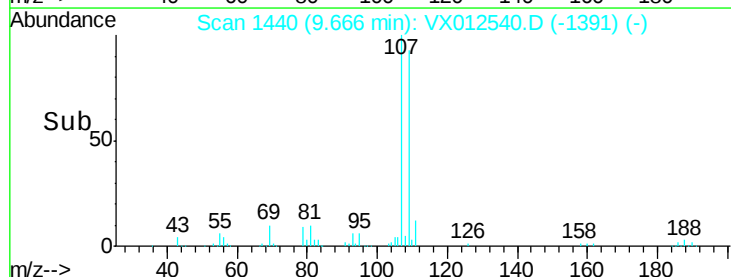
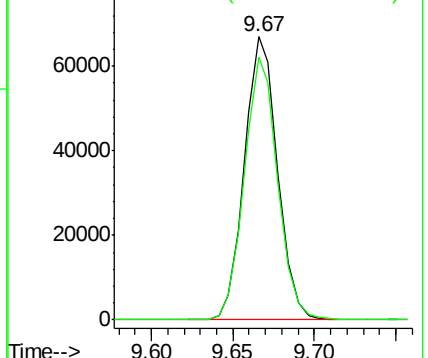
107 100

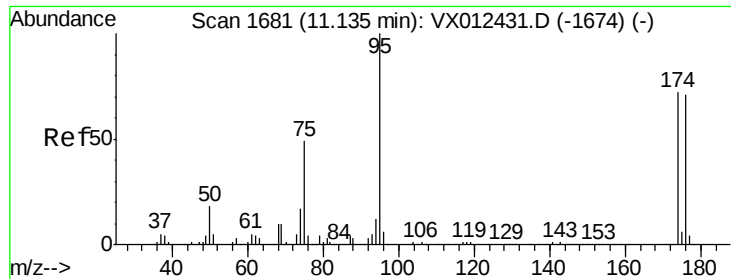
109 94.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.360 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

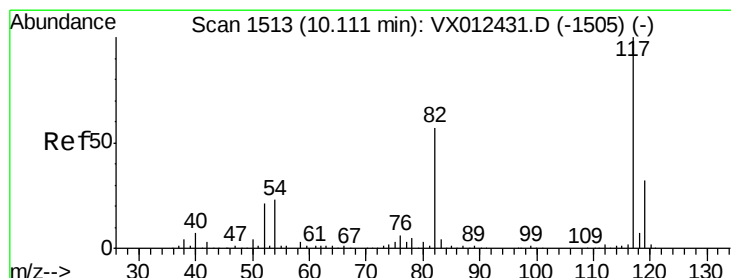
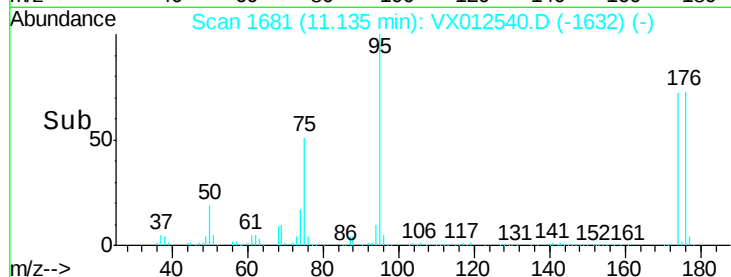
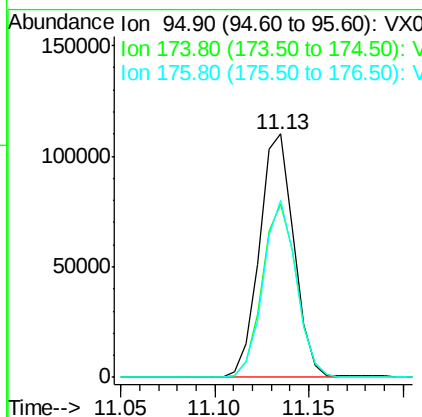
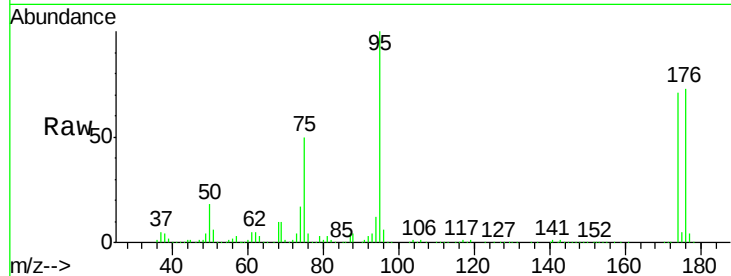
ClientSampleId :

Z2-0157MSD

Tot Ion:	95	Resp:	139699
Ion Ratio	Lower	Upper	
95	100		
174	71.0	0.0	140.0
176	70.0	0.0	135.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

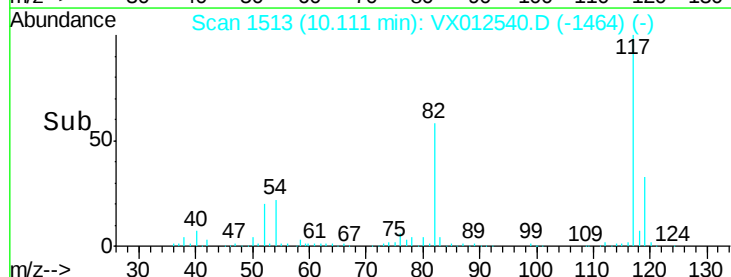
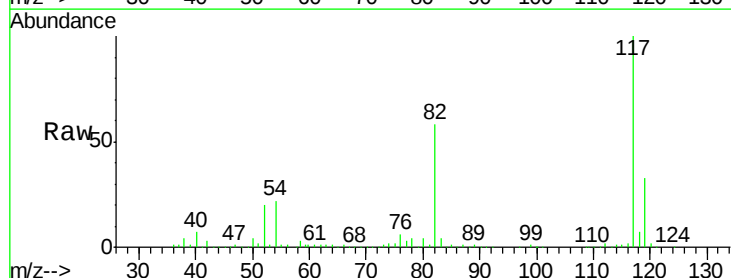
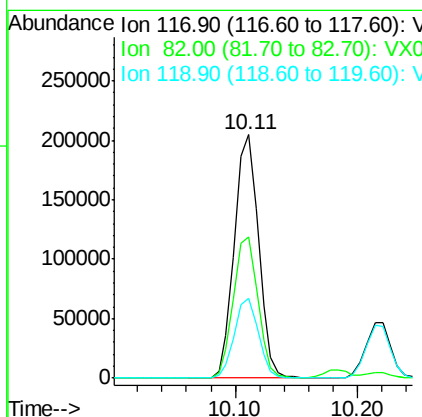
RT: 10.11 min Scan# 1513

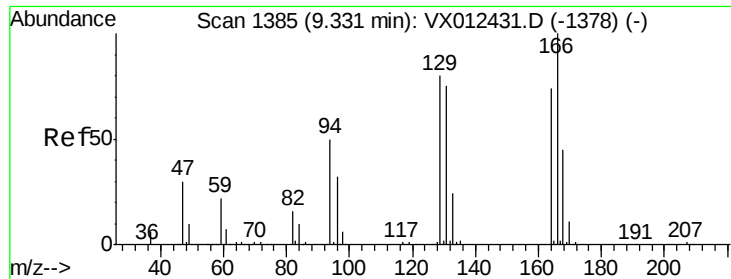
Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Tgt Ion:	117	Resp:	280432
Ion Ratio	Lower	Upper	
117	100		
82	58.1	45.9	68.9
119	32.9	25.3	37.9





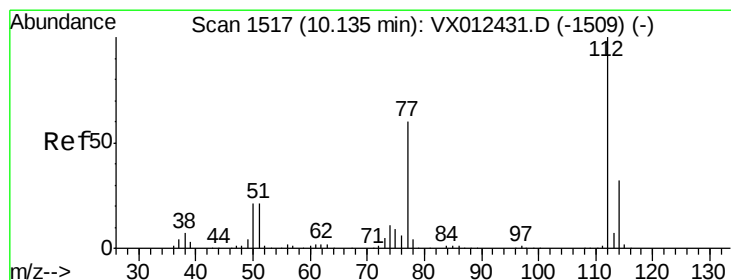
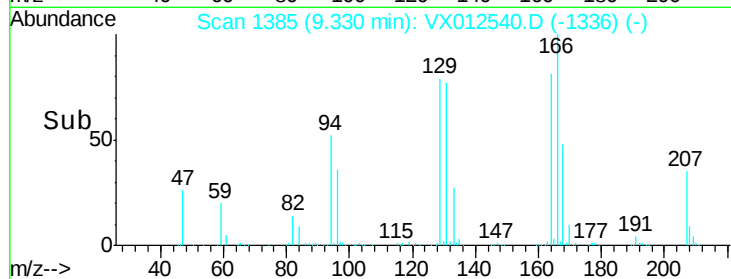
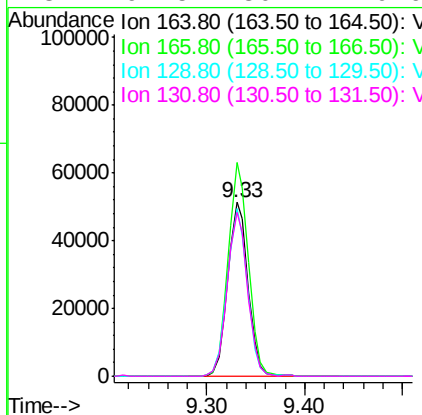
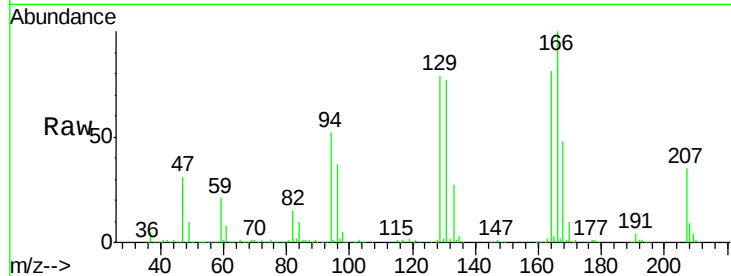
#64
Tetrachloroethene
Concen: 57.406 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.9	107.8	161.6
129	96.5	86.2	129.2
131	94.5	80.4	120.6

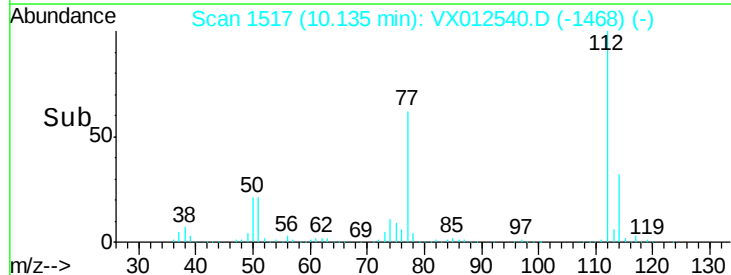
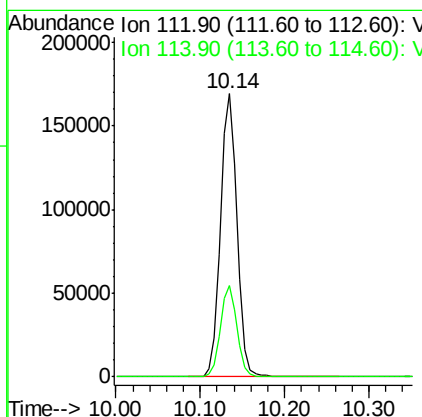
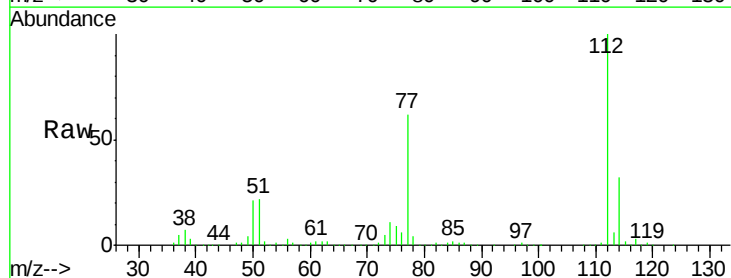
Manual Integrations
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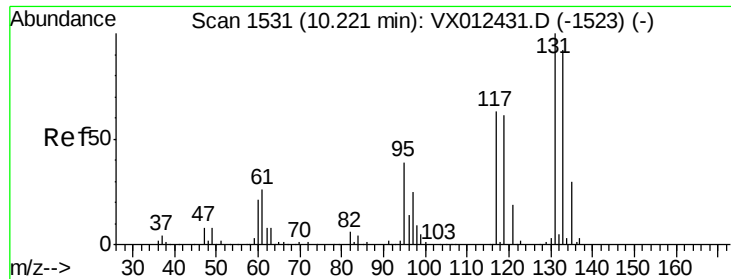
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#65
Chlorobenzene
Concen: 49.826 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.0





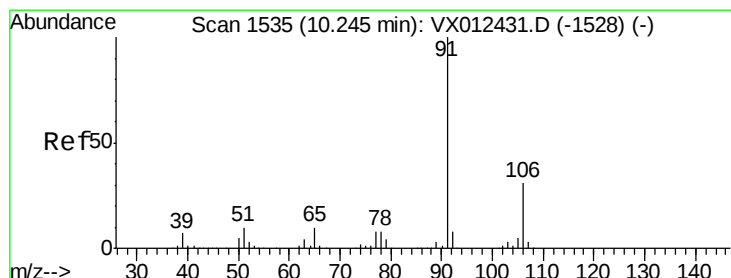
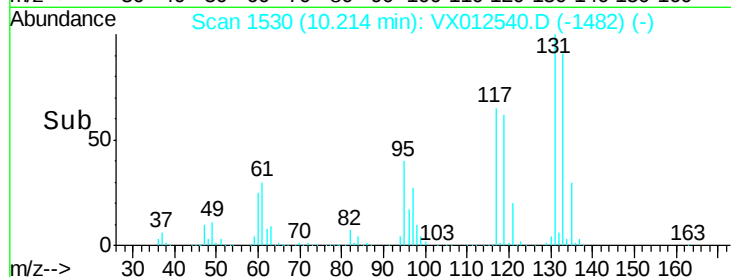
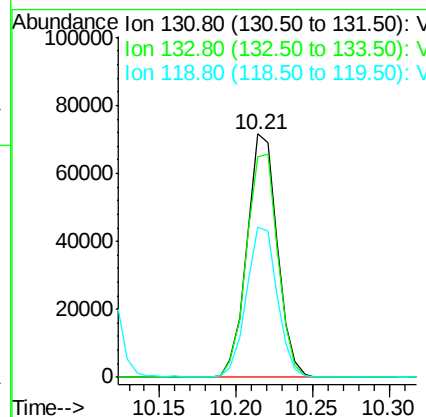
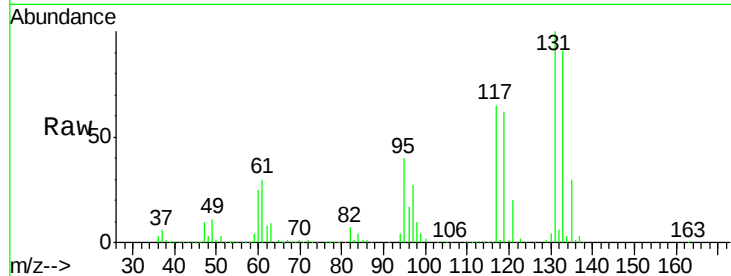
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.469 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.6	142.9
119	62.6	31.3	93.8

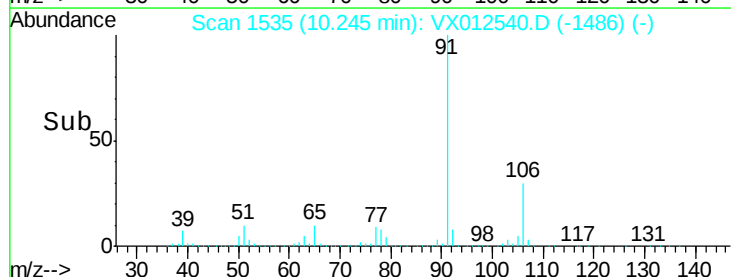
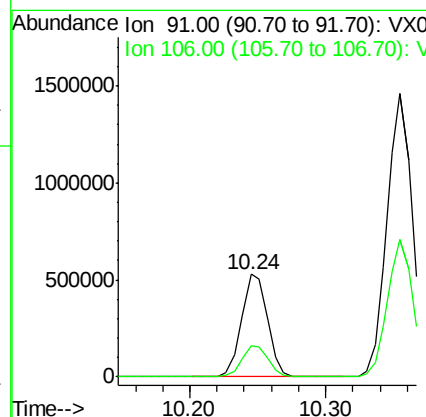
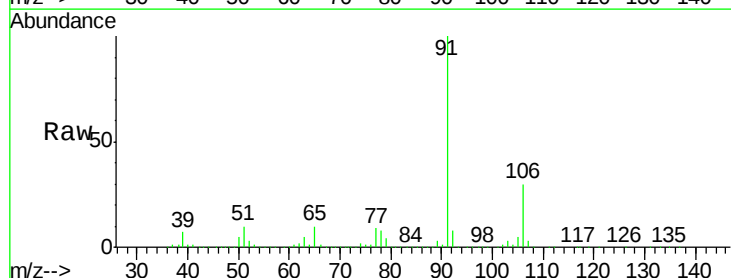
Manual Integrations
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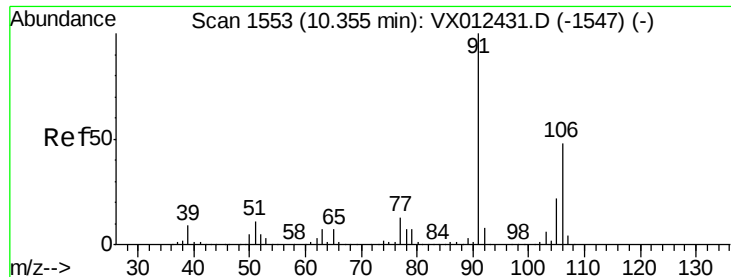
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#67
 Ethyl Benzene
 Concen: 88.772 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.6	37.0





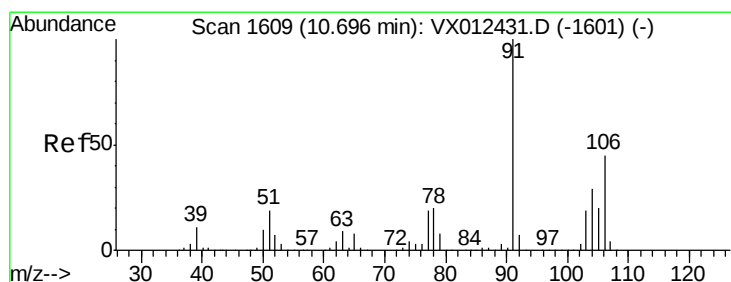
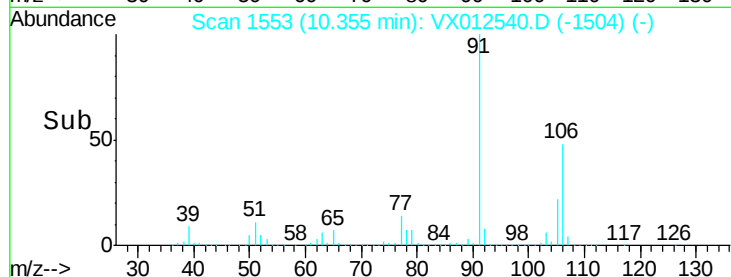
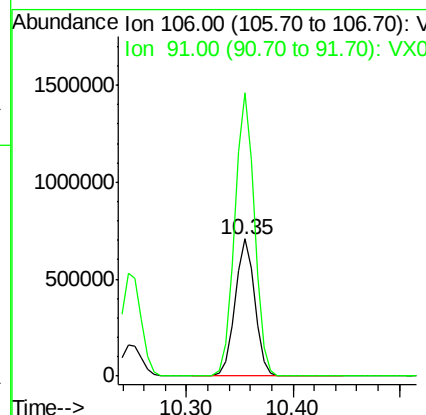
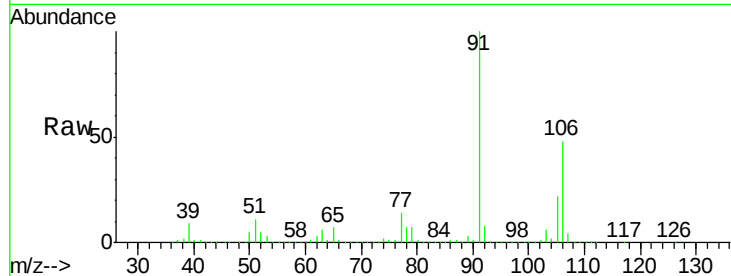
#68
m/p-Xvlenes
Concen: 317.595 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion:106 Resp: 918917
Ion Ratio Lower Upper
106 100
91 207.4 166.6 250.0

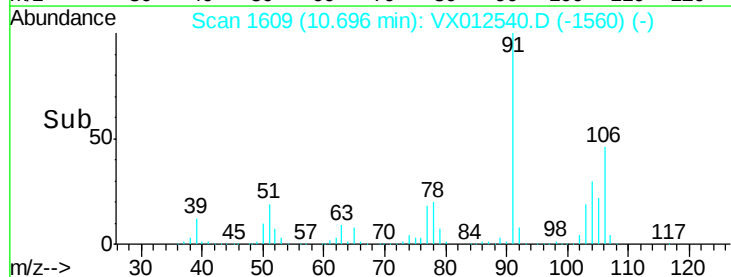
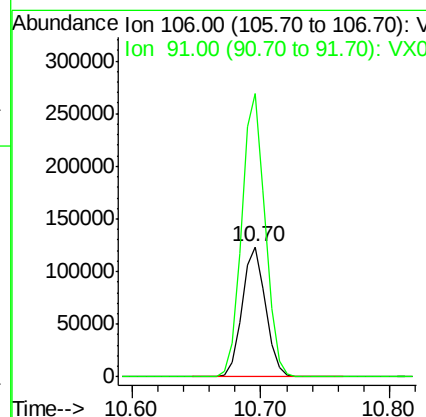
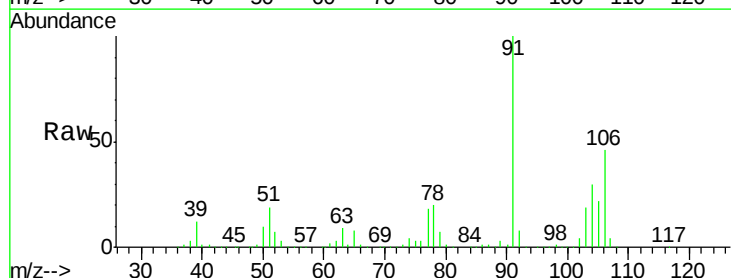
Manual Integrations
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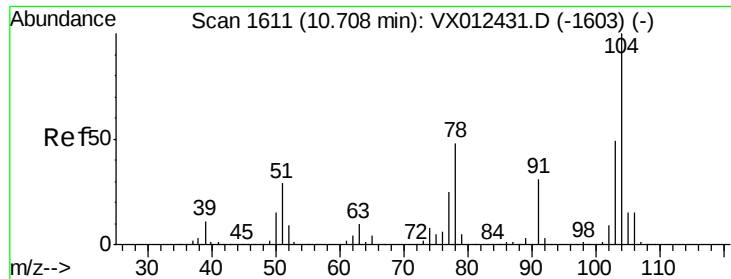
MMDadoda
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#69
o-Xylene
Concen: 52.082 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion:106 Resp: 154974
Ion Ratio Lower Upper
106 100
91 217.9 109.4 328.2





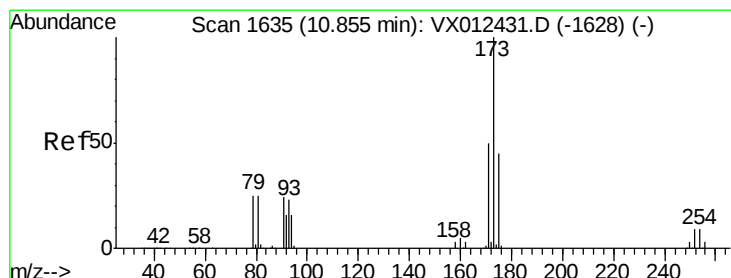
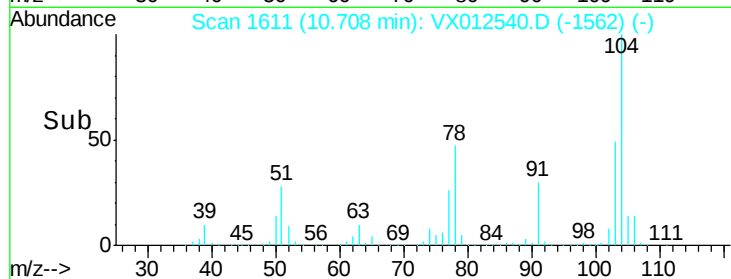
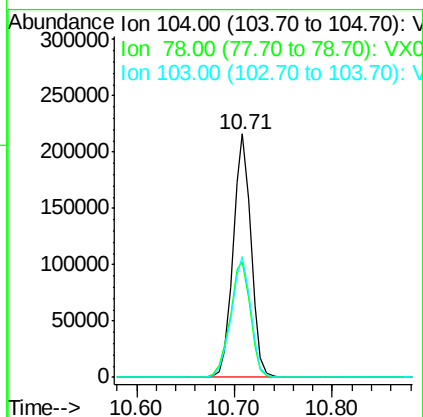
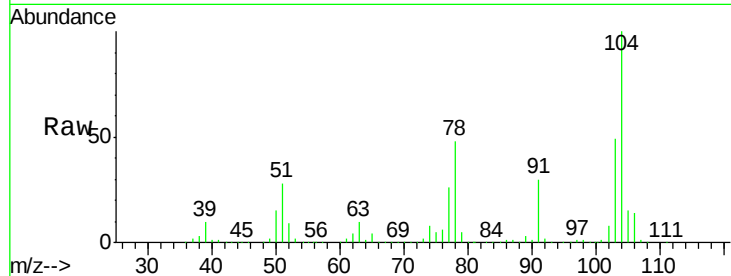
#70
Stvrene
Concen: 51.867 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	273061		
78	54.4		43.4	65.2
103	54.2		43.3	64.9

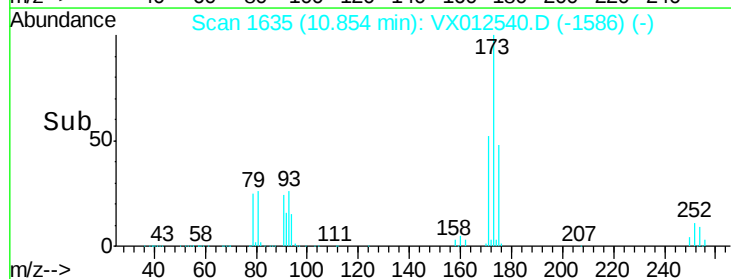
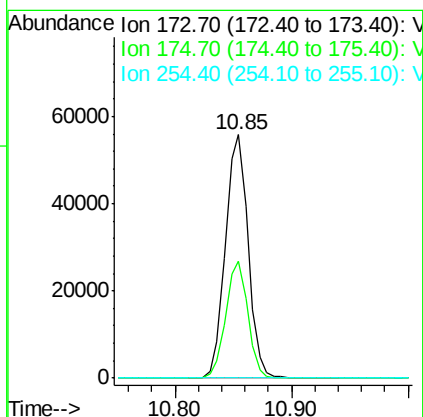
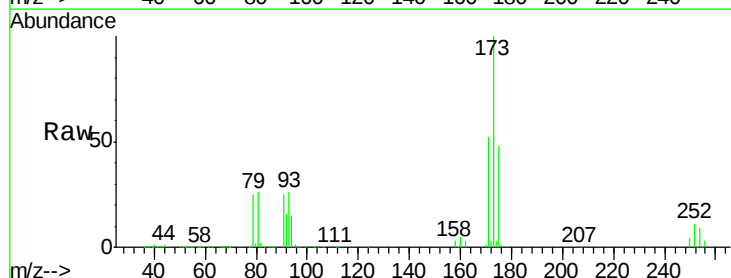
Manual Integrations
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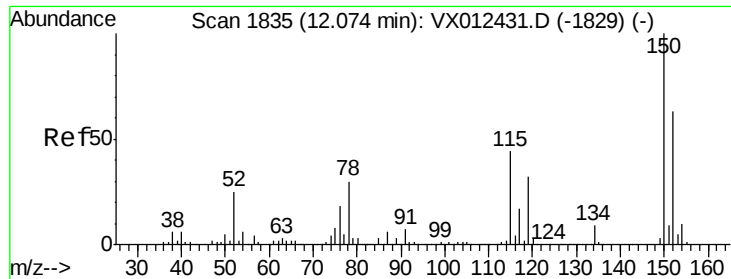
MMDadoda
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#71
Bromoform
Concen: 45.873 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	75457		
175	46.6		23.7	71.1
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion:152 Resp: 135016

Ion Ratio Lower Upper

152 100

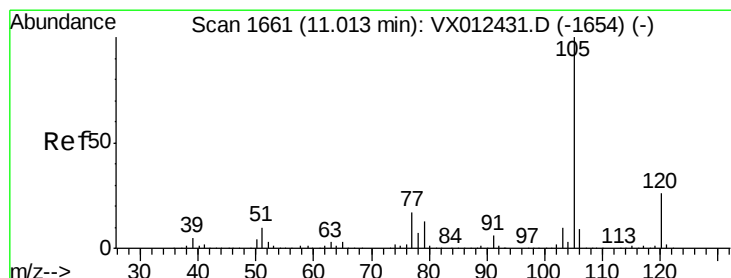
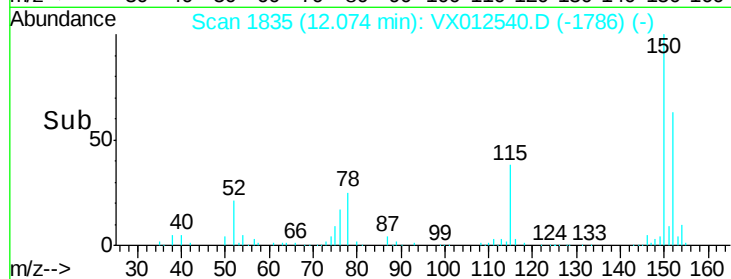
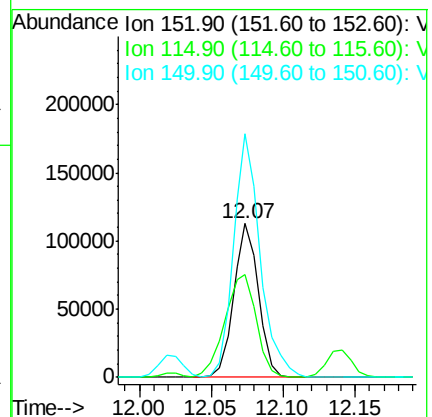
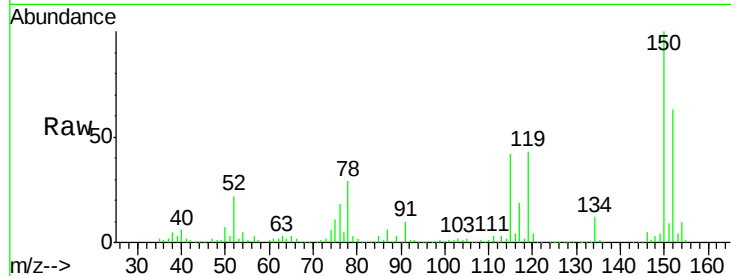
115 85.5 44.1 132.3

150 171.8 0.0 343.8

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#73

Isopropylbenzene

Concen: 93.237 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012540.D

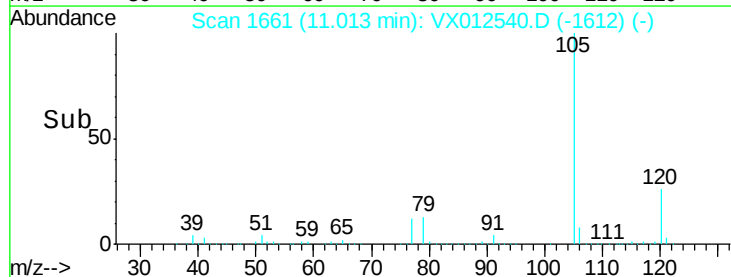
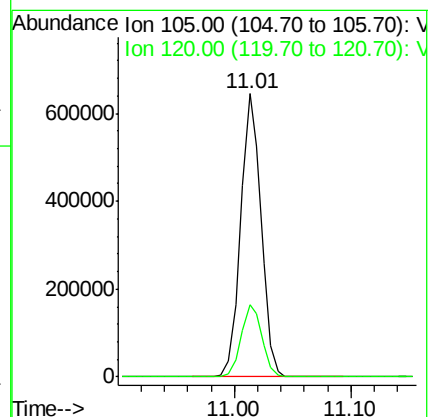
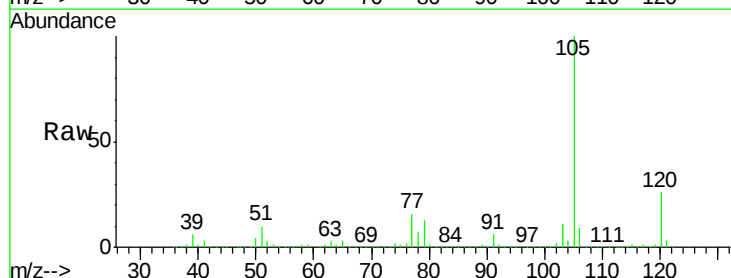
Acq: 19 Sep 2019 19:50

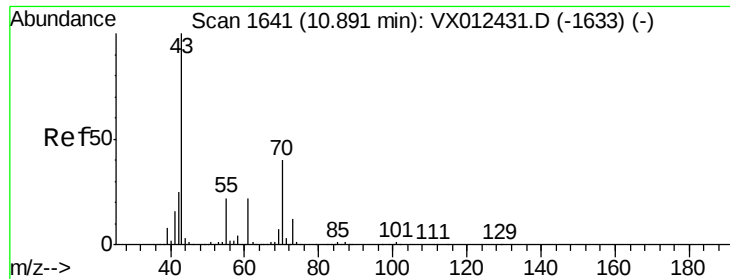
Tgt Ion:105 Resp: 789853

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7





#74

N-amvl acetate

Concen: 47.250 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

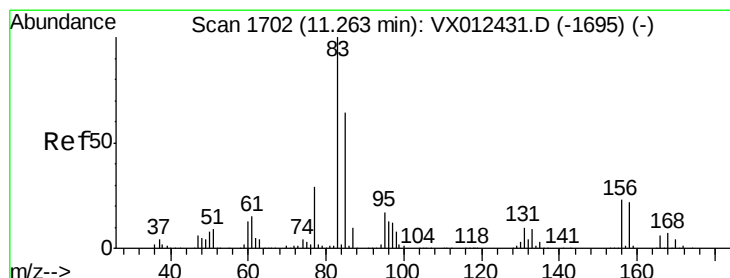
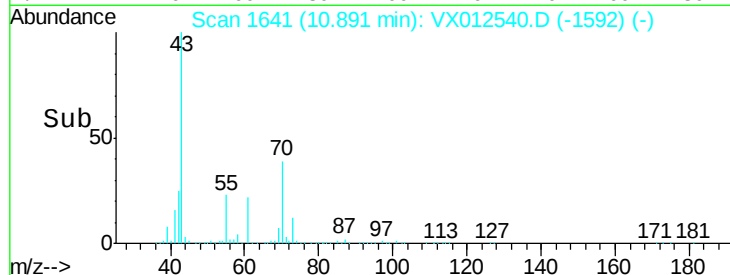
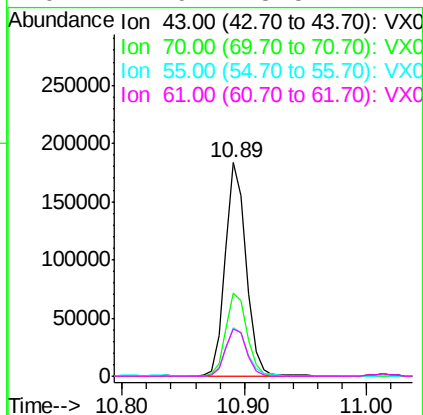
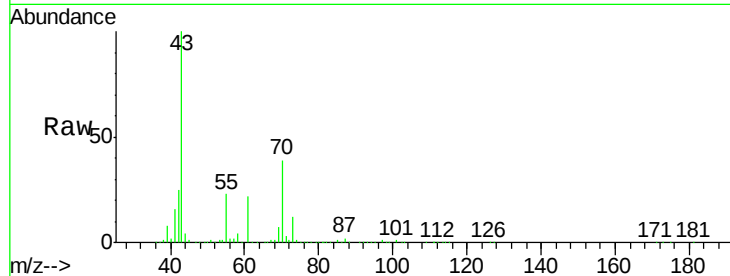
ClientSampleId :

Z2-0157MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		215502		
70	39.9	32.4	48.6		
55	23.9	18.2	27.4		
61	22.9	18.5	27.7		

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.778 ug/l

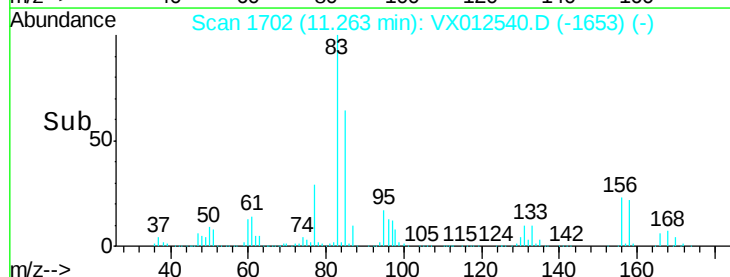
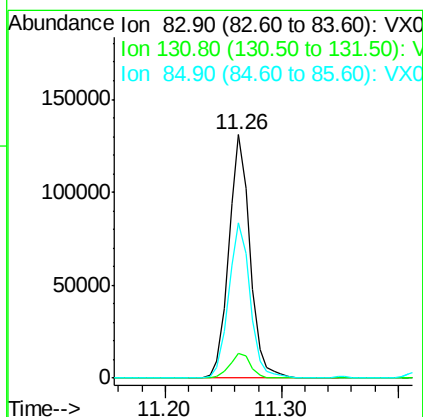
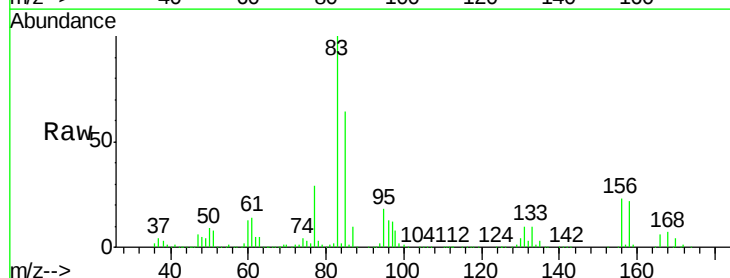
RT: 11.26 min Scan# 1702

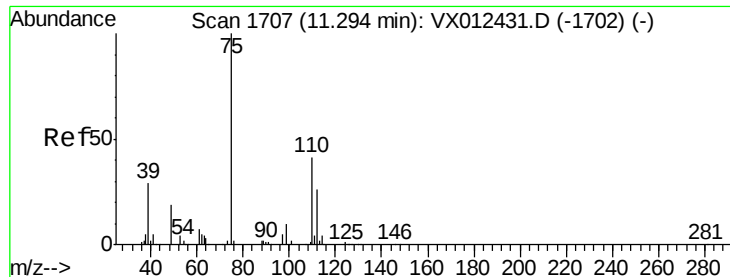
Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		165420		
131	10.2	5.2	15.6		
85	64.6	32.0	96.0		





#76

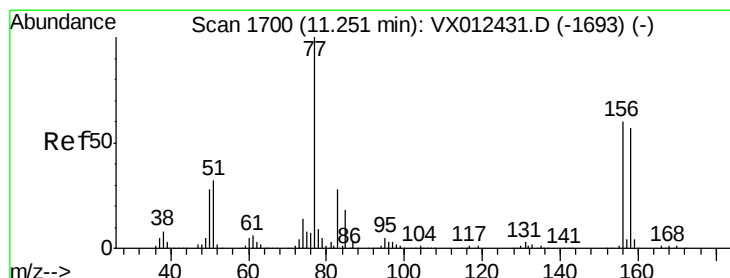
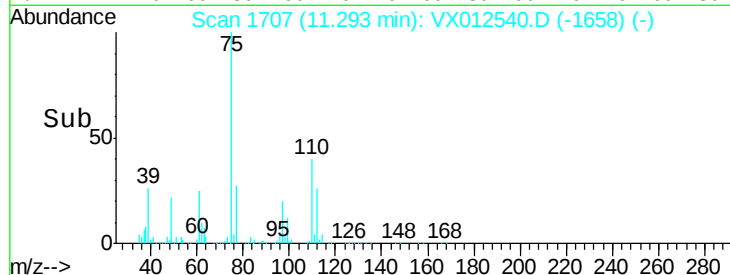
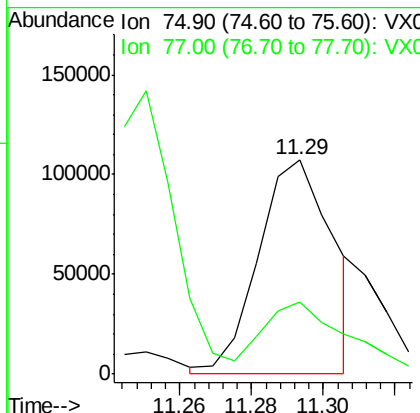
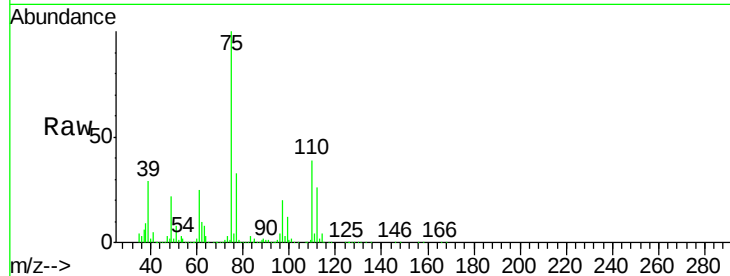
1,2,3-Trichloropropane
Concen: 49.885 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	38.5	19.7	59.0

Manual Integrations
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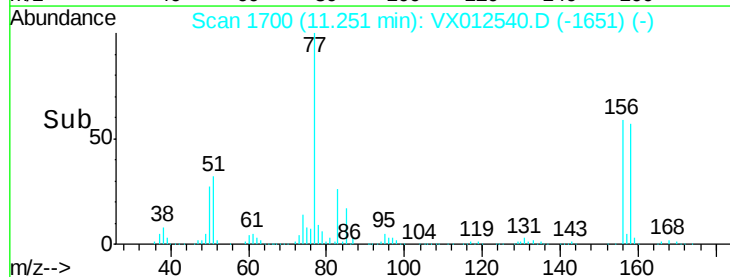
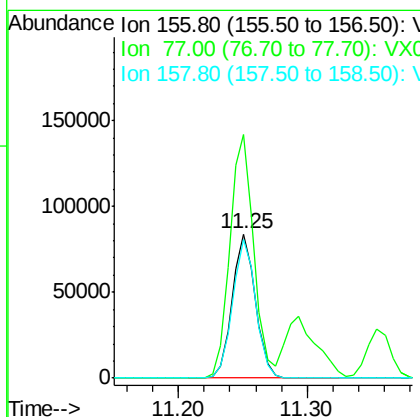
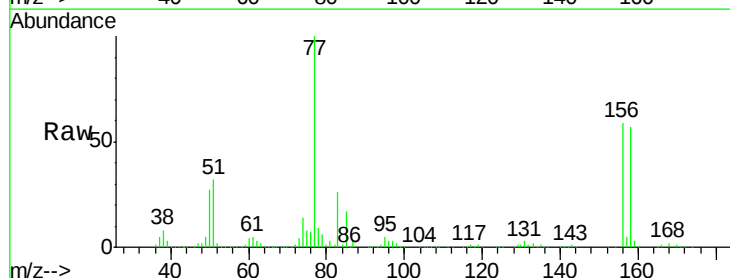
MMDadoda
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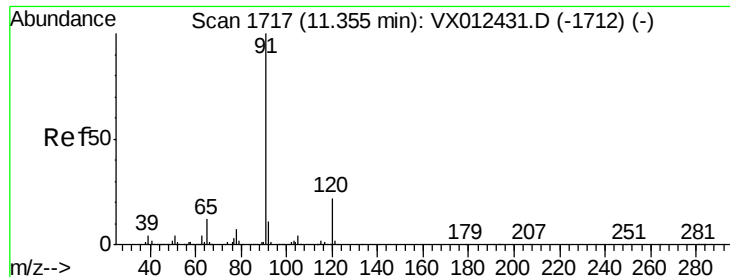


#77

Bromobenzene
Concen: 51.103 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
156	100		
77	174.7	87.3	261.8
158	96.1	48.5	145.6





#78

n-propylbenzene

Concen: 88.796 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157MSD

Tot Ion: 91 Resp: 838391

Ion Ratio Lower Upper

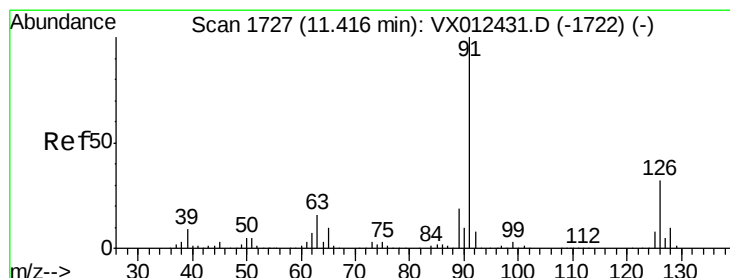
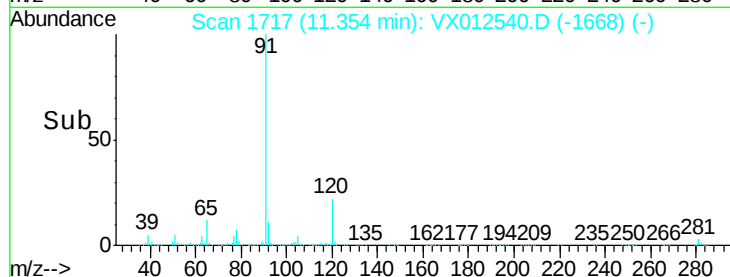
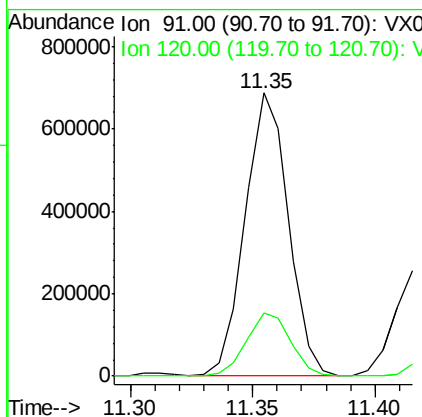
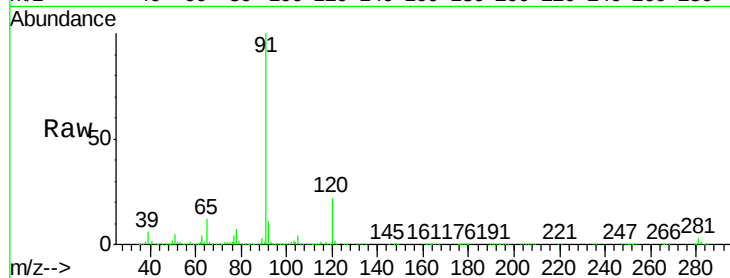
91 100

120 22.9 11.3 33.8

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#79

2-Chlorotoluene

Concen: 65.170 ug/l m

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012540.D

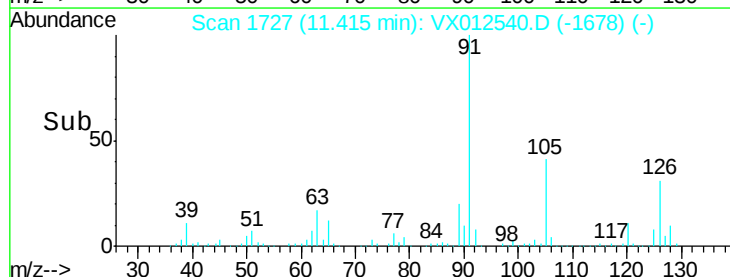
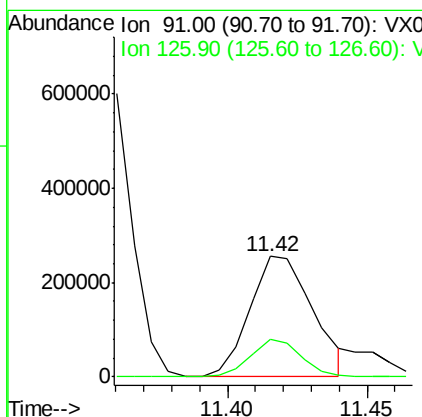
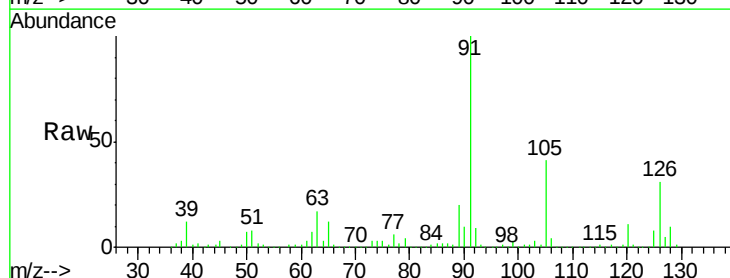
Acq: 19 Sep 2019 19:50

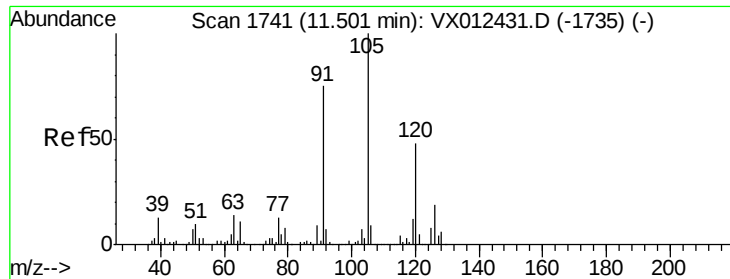
Tgt Ion: 91 Resp: 400305

Ion Ratio Lower Upper

91 100

126 24.9 16.4 49.4





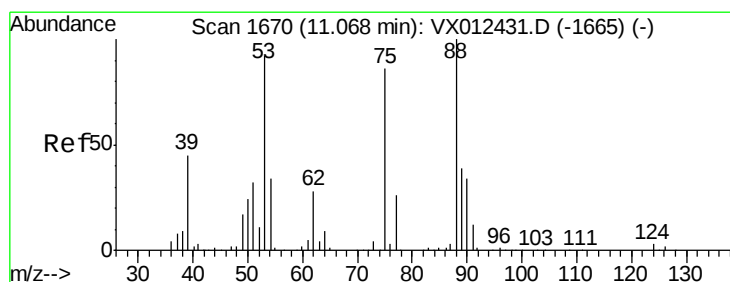
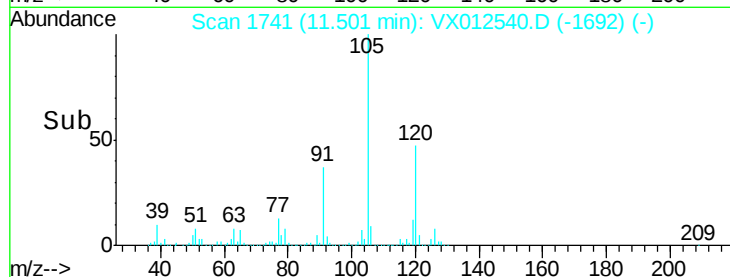
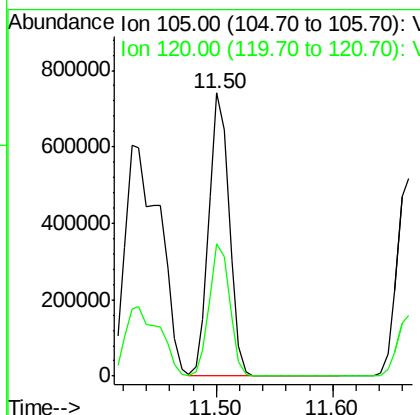
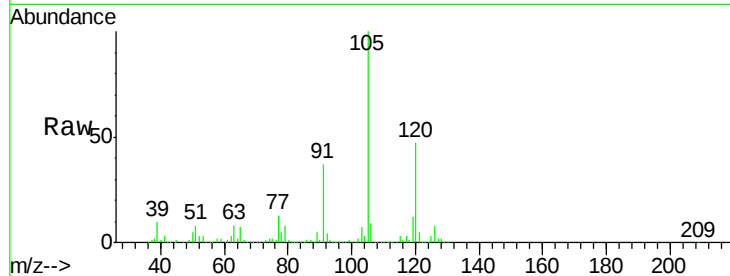
#80
 1,3,5-Trimethylbenzene
 Concen: 123.013 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.3	72.8

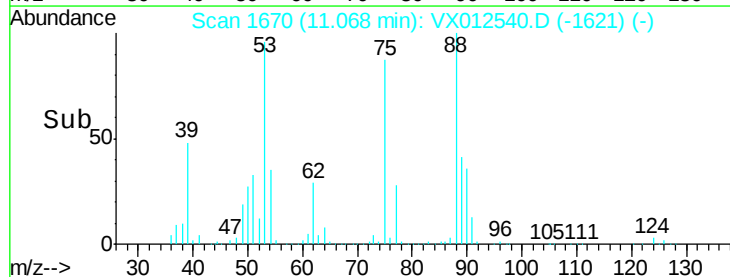
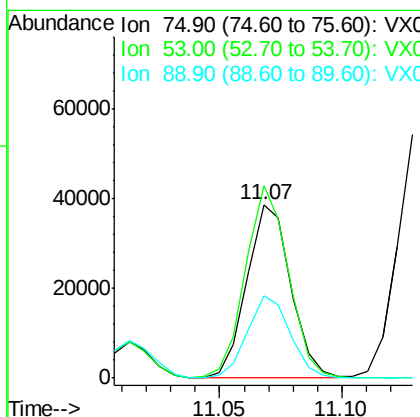
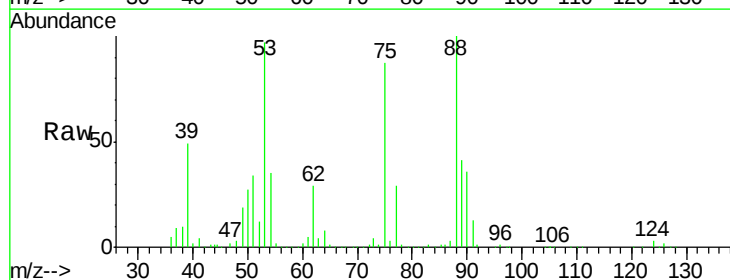
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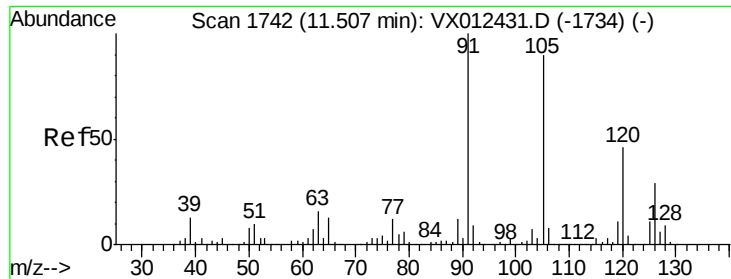
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 9/20/2019 10:46:02 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.850 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.6	83.6	125.4
89	46.9	36.3	54.5





#82

4-Chlorotoluene

Concen: 57.592 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampled :

Z2-0157MSD

Tot Ion: 91 Resp: 406002

Ion Ratio Lower Upper

91 100

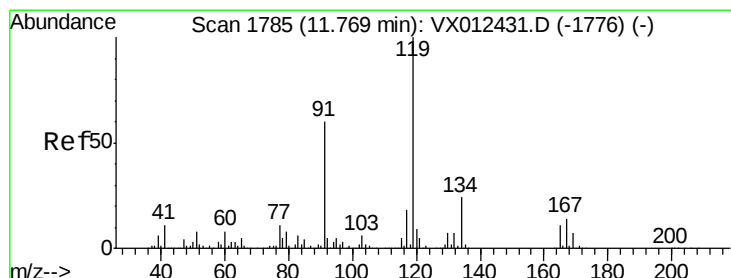
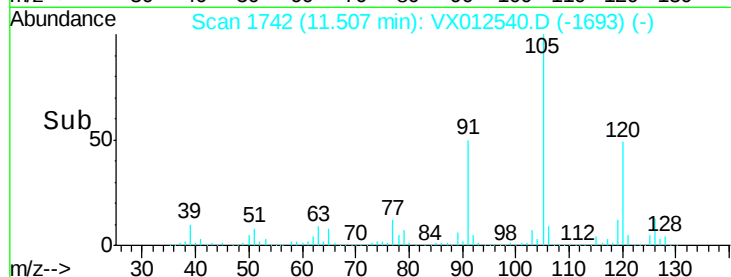
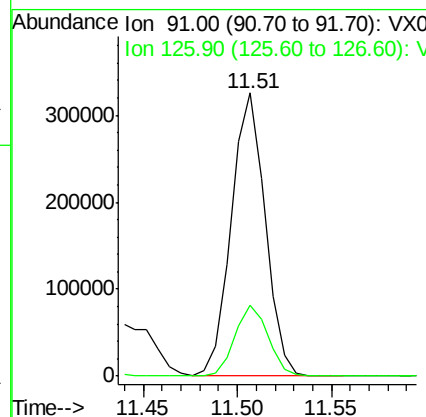
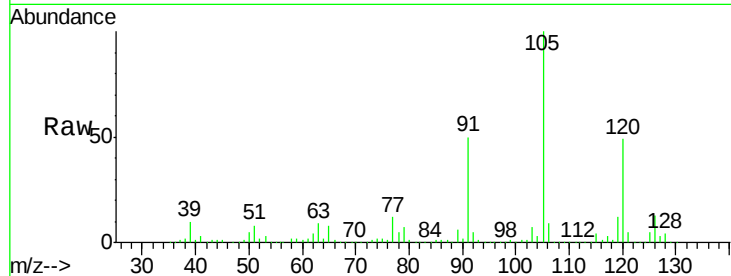
126 24.3 14.4 43.0

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#83

tert-Butylbenzene

Concen: 49.341 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

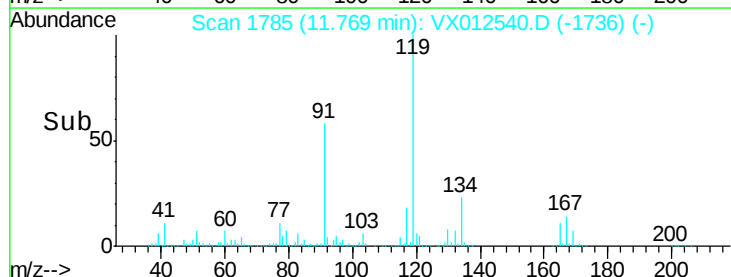
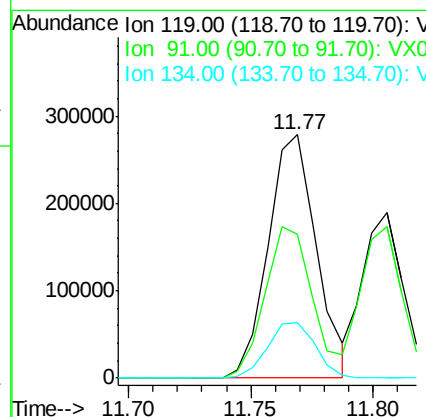
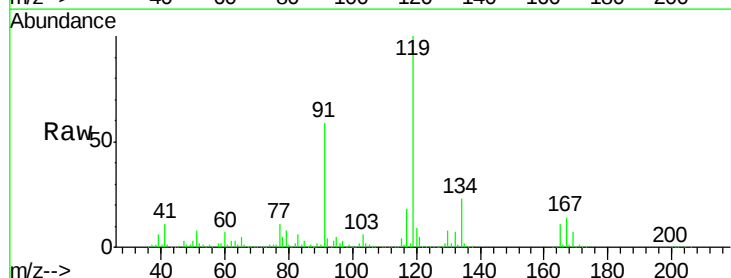
Tgt Ion: 119 Resp: 381983

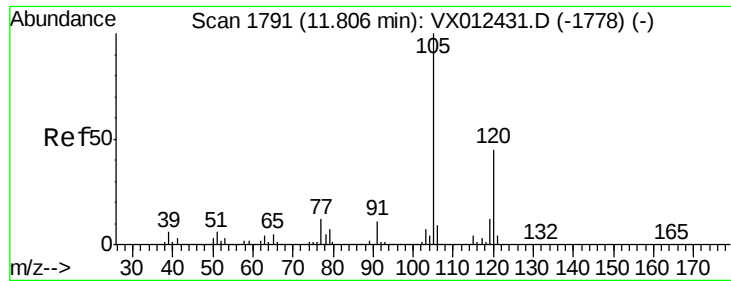
Ion Ratio Lower Upper

119 100

91 62.0 30.0 90.0

134 22.7 11.3 33.9





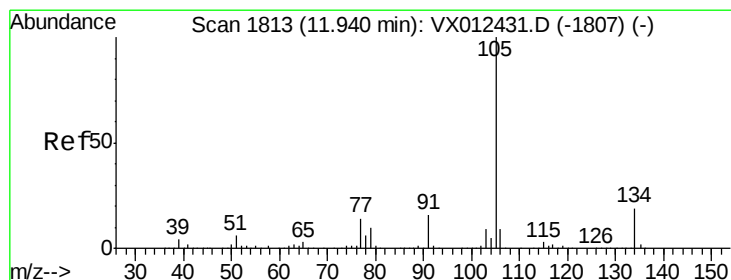
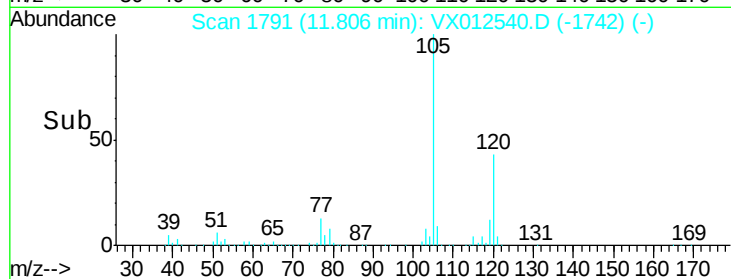
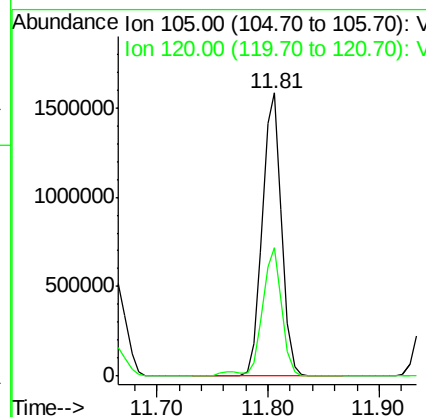
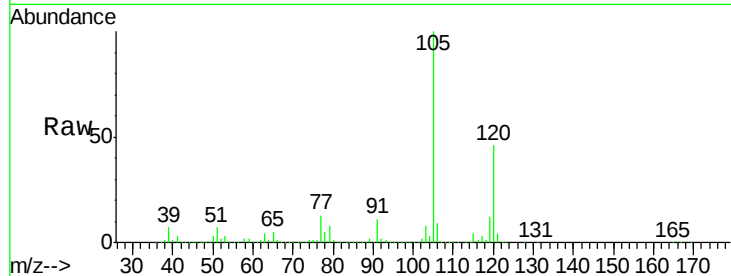
#84
 1,2,4-Trimethylbenzene
 Concen: 256.267 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion:105 Resp: 1901038
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.2 66.6

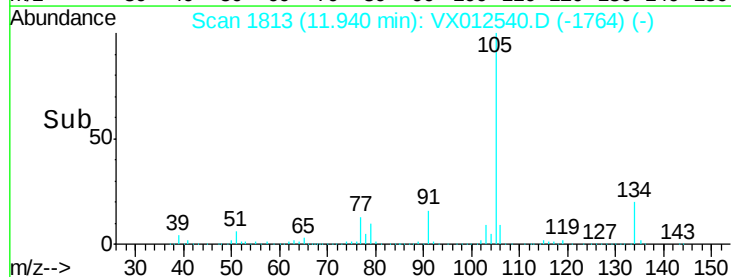
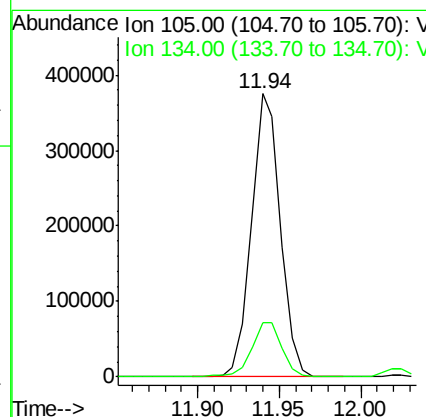
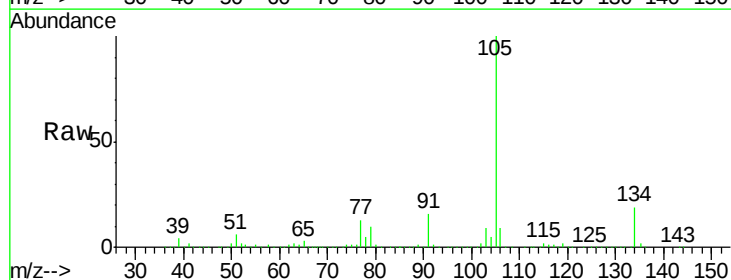
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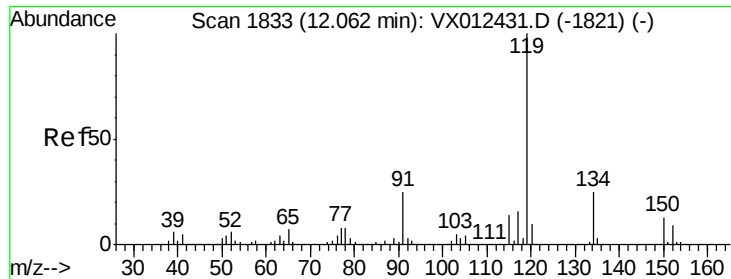
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#85
 sec-Butylbenzene
 Concen: 54.009 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion:105 Resp: 460740
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4





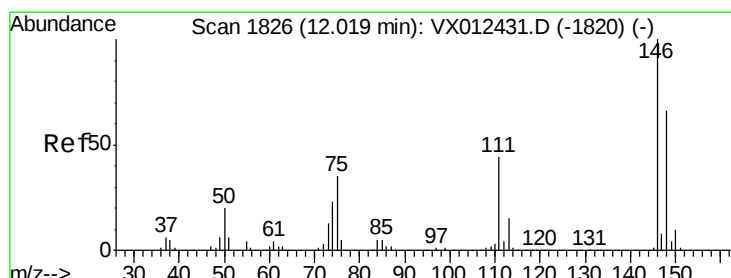
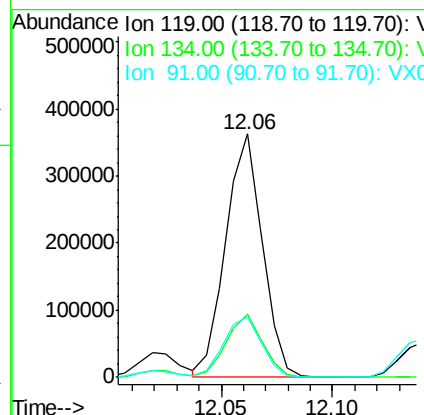
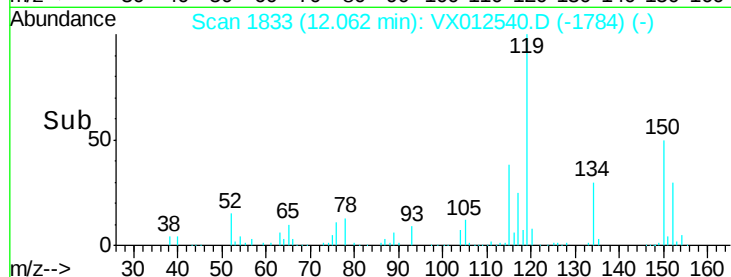
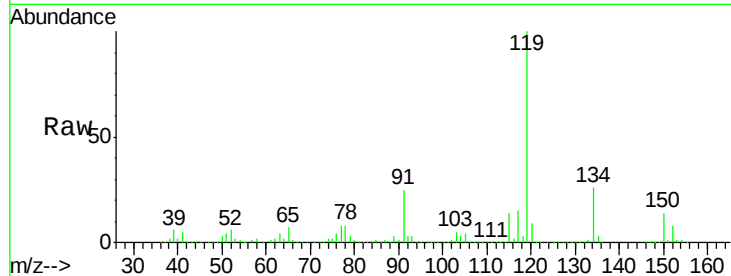
#86
 p-Isopropyltoluene
 Concen: 52.989 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	415081		
134	25.7	12.7	38.1	
91	25.8	12.8	38.4	

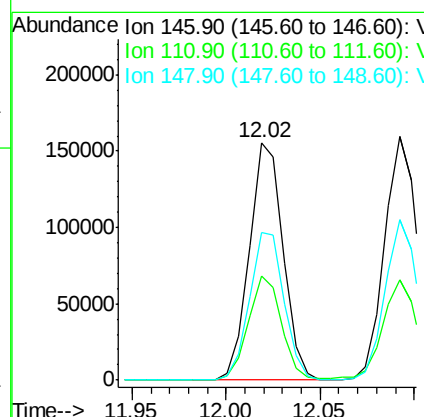
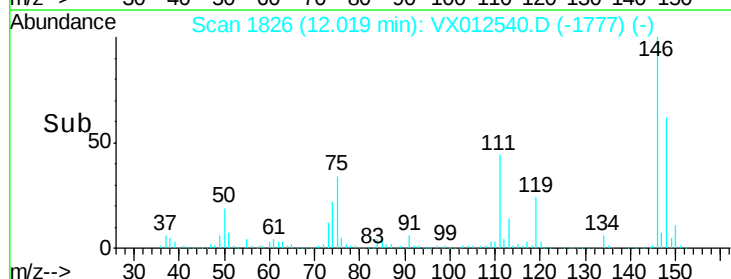
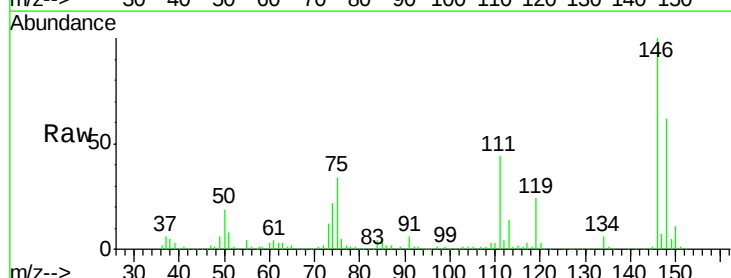
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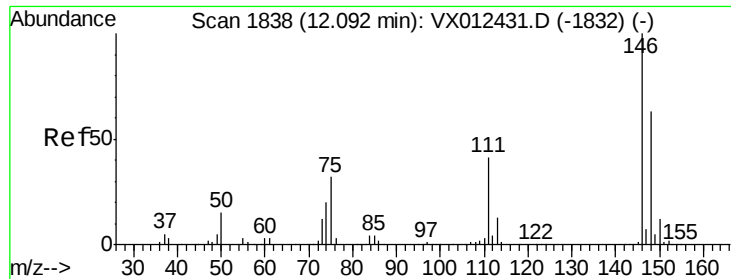
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#87
 1,3-Dichlorobenzene
 Concen: 49.705 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	193174		
111	43.4	21.3	64.0	
148	63.6	32.4	97.2	





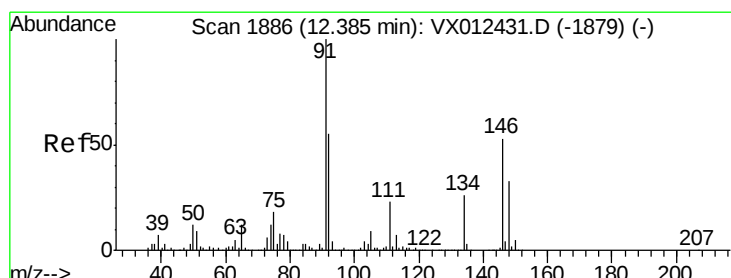
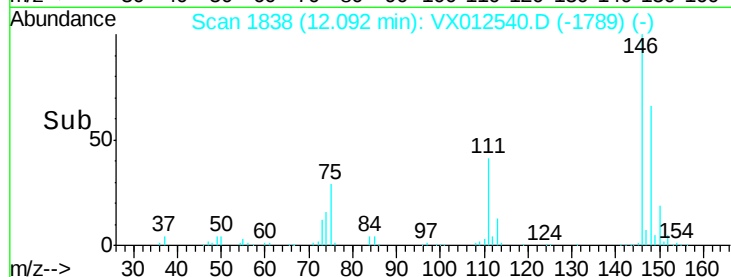
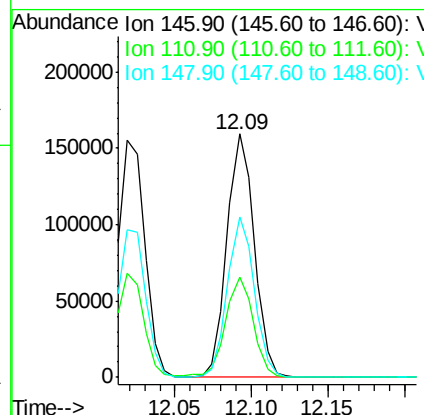
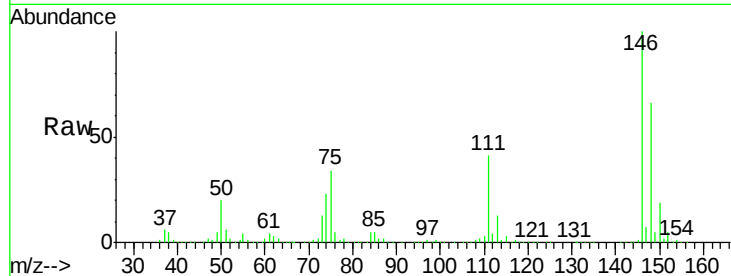
#88
 1,4-Dichlorobenzene
 Concen: 49.503 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.3
148	65.1	32.1	96.5

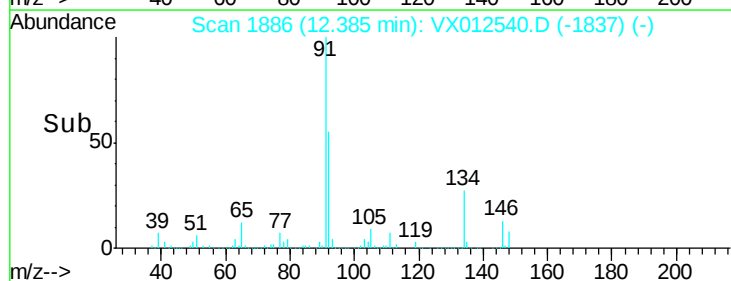
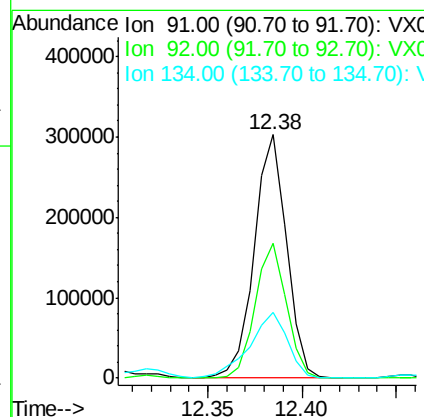
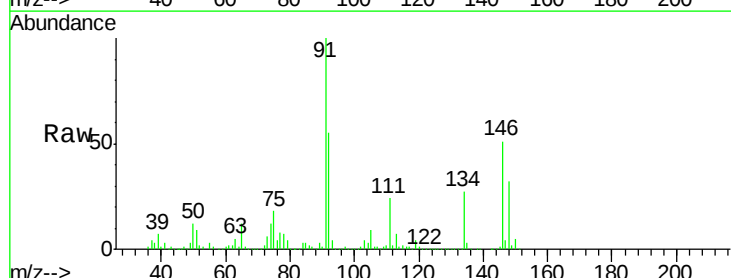
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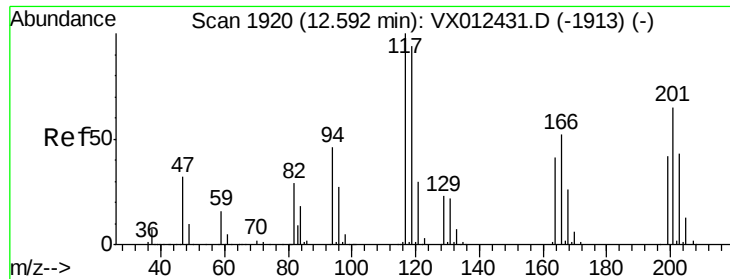
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#89
 n-Butylbenzene
 Concen: 51.463 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.7	83.0
134	31.9	12.9	38.6





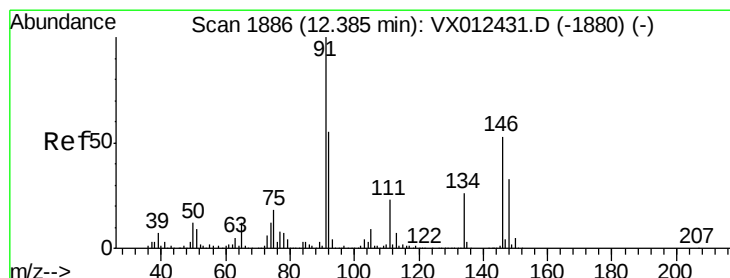
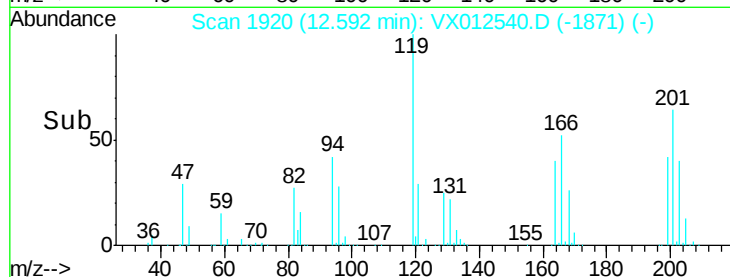
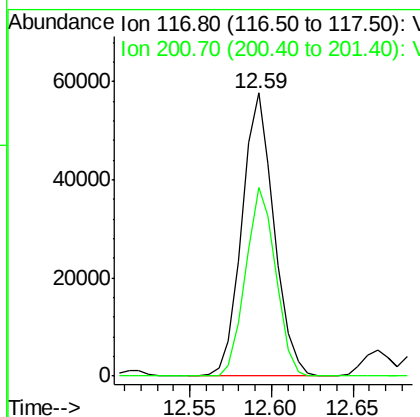
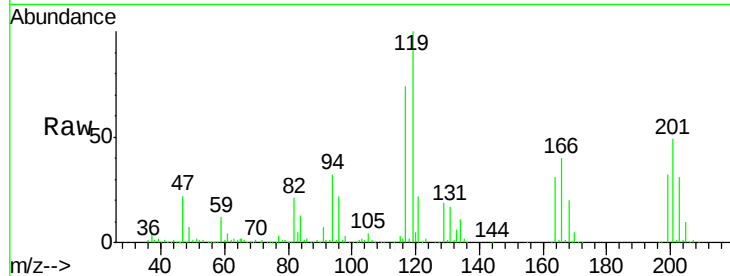
#90
Hexachloroethane
Concen: 55.087 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	79122		
201	62.3	33.3	99.8	

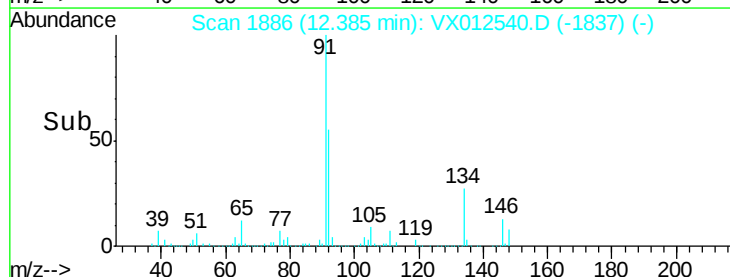
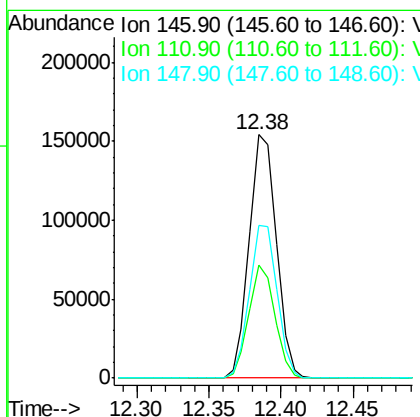
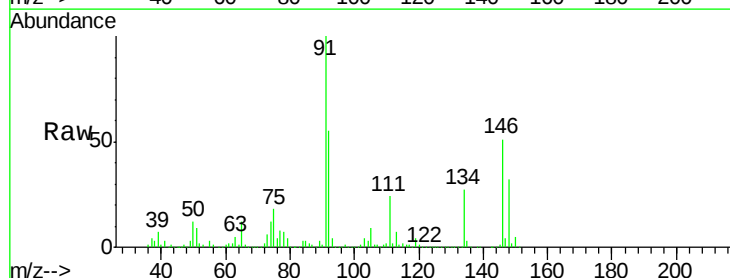
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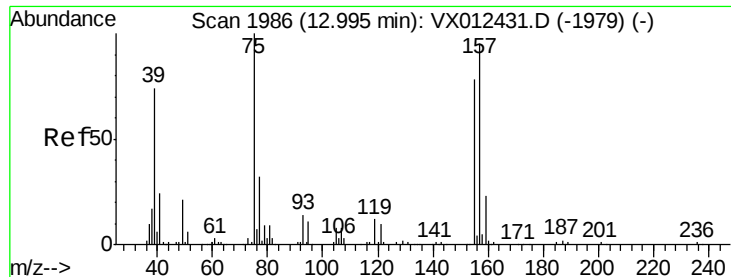
MMDadoda
9/20/2019 10:46:02 AM



#91
1,2-Dichlorobenzene
Concen: 49.565 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012540.D
Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	201330		
111	44.9	22.1	66.1	
148	63.7	31.3	93.9	





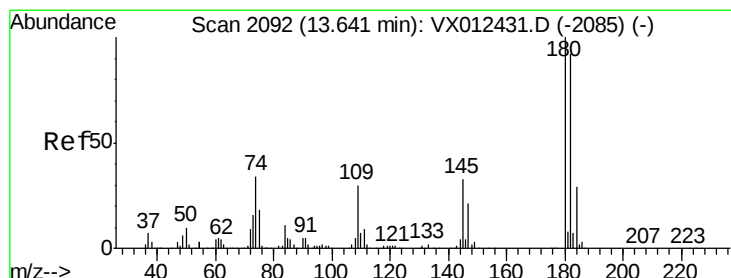
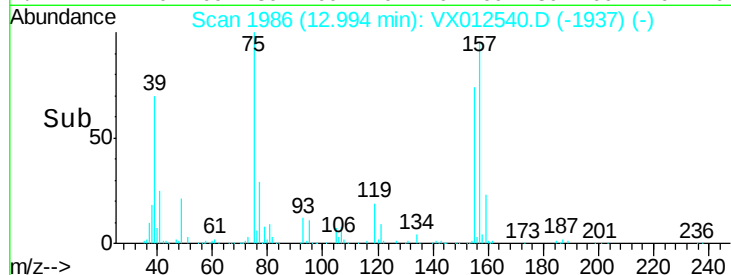
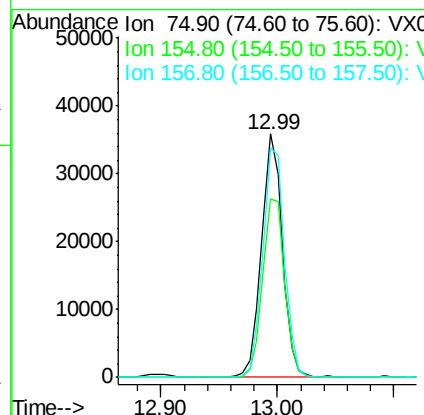
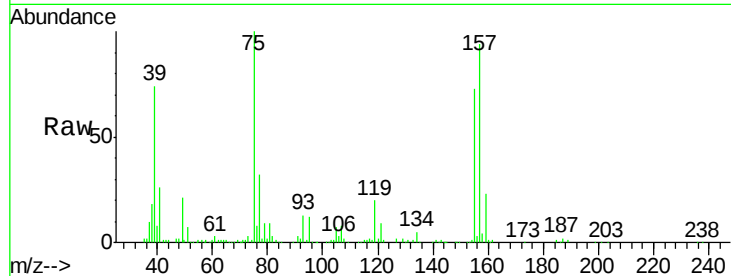
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.635 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	77.0	38.6	115.8
157	97.6	50.6	151.9

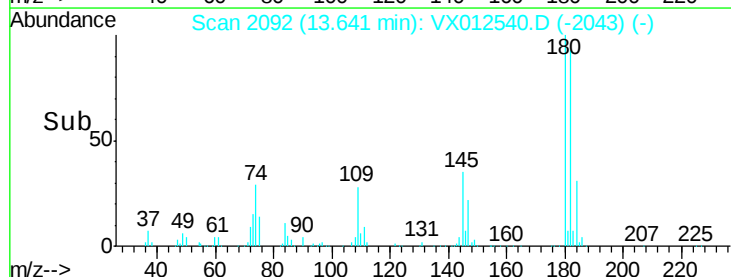
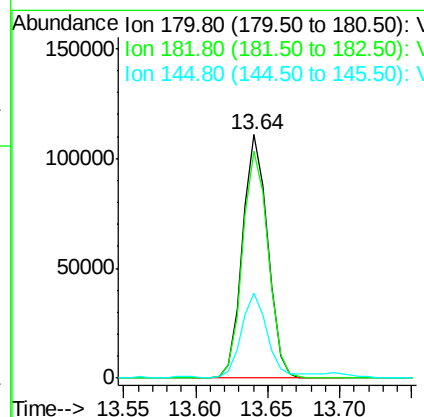
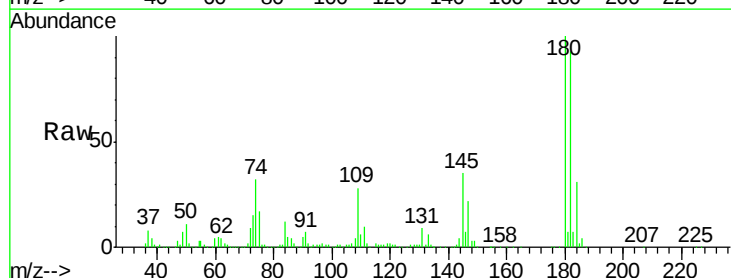
Manual Integrations
 APPROVED

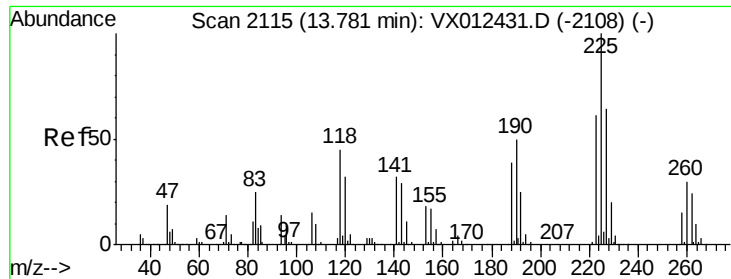
MMDadoda
 9/20/2019 10:46:02 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.587 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.0
145	35.3	16.8	50.4





#94

Hexachlorobutadiene

Concen: 43.375 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Instrument :

MSVOA_X

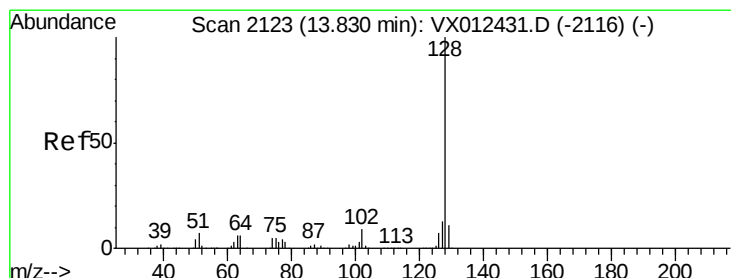
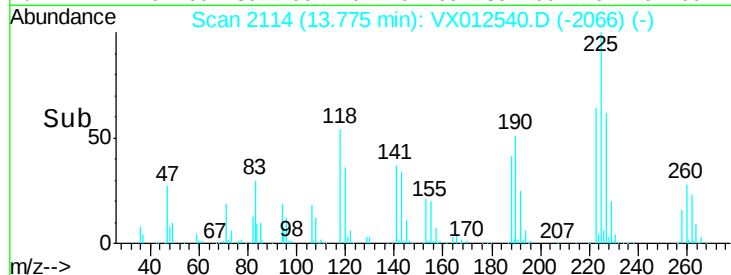
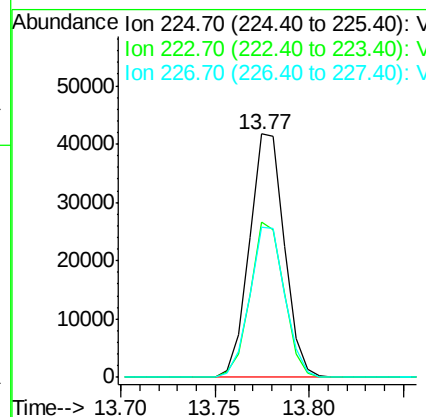
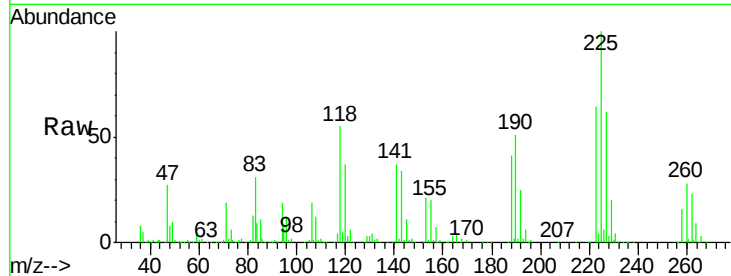
ClientSampled :

Z2-0157MSD

Tot Ion:	225	Resp:	53488
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.0	96.2
227	62.0	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:02 AM



#95

Naphthalene

Concen: 77.260 ug/l

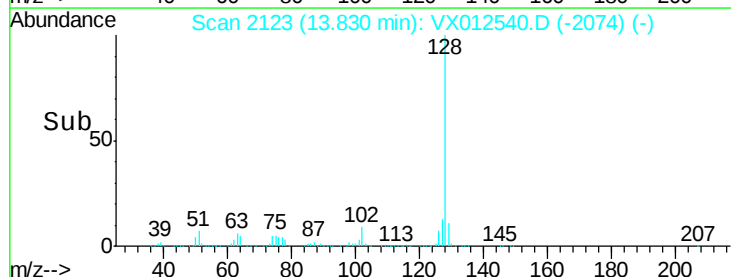
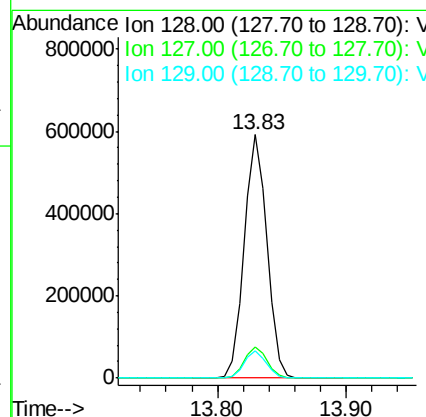
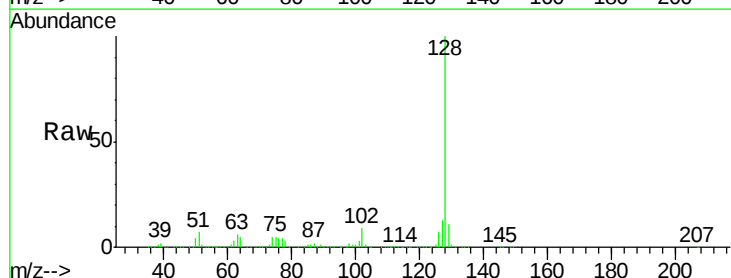
RT: 13.83 min Scan# 2123

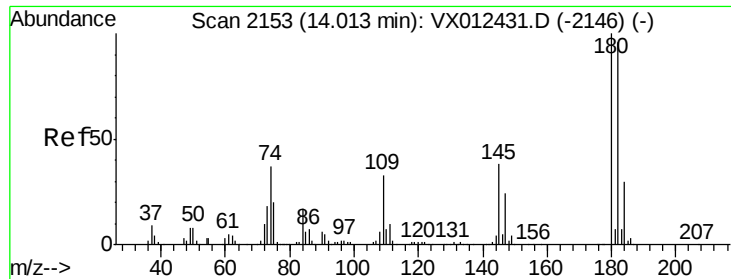
Delta R.T. -0.00 min

Lab File: VX012540.D

Acq: 19 Sep 2019 19:50

Tgt Ion:	128	Resp:	719262
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 52.732 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012540.D
 Acq: 19 Sep 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	47.1	141.3
145	37.8	18.0	54.0

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:02 AM

