

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012723.D
 Acq On : 01 Oct 2019 10:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 10:07:17 AM

Quant Time: Oct 02 05:33:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	134308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	122938	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
35) Dibromofluoromethane	5.48	113	94326	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.71	98	349844	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.13	95	141144	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	85625	41.180	ug/l	97
3) Chloromethane	1.32	50	95521m	40.007	ug/l	
4) Vinyl Chloride	1.40	62	100608	42.393	ug/l	100
5) Bromomethane	1.62	94	37750	40.457	ug/l	99
6) Chloroethane	1.71	64	65195	40.750	ug/l	96
7) Trichlorofluoromethane	1.92	101	146047	43.832	ug/l	100
8) Diethyl Ether	2.18	74	61077	44.729	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93565	46.104	ug/l	97
10) Methyl Iodide	2.50	142	89418	42.633	ug/l	95
11) Tert butyl alcohol	3.03	59	147721	219.710	ug/l	99
12) 1,1-Dichloroethene	2.36	96	90705	45.644	ug/l	95
13) Acrolein	2.28	56	87936	235.408	ug/l	99
14) Allyl chloride	2.72	41	175422	44.493	ug/l	97
15) Acrylonitrile	3.13	53	310463	227.604	ug/l	98
16) Acetone	2.43	43	348541	244.484	ug/l	96
17) Carbon Disulfide	2.56	76	236961	42.534	ug/l	100
18) Methyl Acetate	2.76	43	148080	44.113	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	352089	46.809	ug/l	98
20) Methylene Chloride	2.84	84	107366	44.527	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	100096	45.465	ug/l	98
22) Diisopropyl ether	3.84	45	347441	45.606	ug/l	92
23) Vinyl Acetate	3.80	43	1547319	231.603	ug/l	98
24) 1,1-Dichloroethane	3.68	63	186597	45.059	ug/l	100
25) 2-Butanone	4.65	43	470083	229.968	ug/l	96
26) 2,2-Dichloropropane	4.56	77	162116	44.016	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	117844	46.131	ug/l	93
28) Bromochloromethane	5.00	49	69408	46.160	ug/l	98
29) Tetrahydrofuran	5.11	42	274828	220.585	ug/l	97
30) Chloroform	5.19	83	190553	44.976	ug/l	97
31) Cyclohexane	5.56	56	168946	45.096	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	168164	44.785	ug/l	99
36) 1,1-Dichloropropene	5.78	75	141107	46.270	ug/l	98
37) Ethyl Acetate	4.81	43	164407	46.113	ug/l	97
38) Carbon Tetrachloride	5.77	117	143433	46.300	ug/l	98

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Quant Time: Oct 02 05:33:23 2019
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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	174182	47.443	ug/l	96
40) Benzene	6.13	78	419664	46.770	ug/l	98
41) Methacrylonitrile	5.03	41	93101	46.541	ug/l	95
42) 1,2-Dichloroethane	6.18	62	158967	46.654	ug/l	98
43) Isopropyl Acetate	6.43	43	272116	45.639	ug/l	97
44) Trichloroethene	7.20	130	110010	47.958	ug/l	93
45) 1,2-Dichloropropane	7.51	63	108961	47.431	ug/l	100
46) Dibromomethane	7.65	93	74538	47.655	ug/l	97
47) Bromodichloromethane	7.89	83	149293	47.758	ug/l	97
48) Methyl methacrylate	7.76	41	132201	46.241	ug/l	94
49) 1,4-Dioxane	7.73	88	61603	949.995	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	841522	228.645	ug/l	96
52) Toluene	8.78	92	271229	48.094	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	170373	49.259	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	184459	48.846	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	110213	49.156	ug/l	98
56) Ethyl methacrylate	9.17	69	181384	48.154	ug/l	92
57) 1,3-Dichloropropane	9.36	76	188834	48.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	428049	253.163	ug/l	99
59) 2-Hexanone	9.48	43	659132	233.969	ug/l	95
60) Dibromochloromethane	9.57	129	115919	51.073	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116226	49.809	ug/l	100
64) Tetrachloroethene	9.33	164	98561	49.860	ug/l	94
65) Chlorobenzene	10.14	112	282903	47.384	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	104260	48.197	ug/l	96
67) Ethyl Benzene	10.25	91	516311	47.680	ug/l	99
68) m/p-Xylenes	10.35	106	391735	96.571	ug/l	99
69) o-Xylene	10.70	106	187151	47.680	ug/l	99
70) Styrene	10.71	104	327793	49.816	ug/l	99
71) Bromoform	10.85	173	77461	51.426	ug/l #	99
73) Isopropylbenzene	11.01	105	509405	46.568	ug/l	100
74) N-amyl acetate	10.89	43	238621	45.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	169339	46.742	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	165994m	46.722	ug/l	
77) Bromobenzene	11.25	156	116849	47.197	ug/l	98
78) n-propylbenzene	11.35	91	580458	47.133	ug/l	99
79) 2-Chlorotoluene	11.42	91	347212	45.195	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	427831	46.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57287	46.209	ug/l	96
82) 4-Chlorotoluene	11.51	91	407607	46.543	ug/l	99
83) tert-Butylbenzene	11.76	119	412360	46.601	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	438207	47.355	ug/l	99
85) sec-Butylbenzene	11.94	105	500718	48.651	ug/l	100
86) p-Isopropyltoluene	12.06	119	466251	50.206	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	215711	48.415	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	220641	49.007	ug/l	99
89) n-Butylbenzene	12.39	91	407681	49.818	ug/l	98
90) Hexachloroethane	12.59	117	78541	47.438	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	214548	48.099	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43482	47.981	ug/l	98

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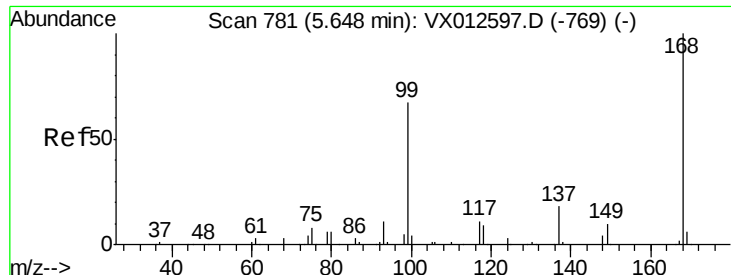
Manual Integrations
APPROVED

MMDadoda
10/2/2019 10:07:17 AM

Quant Time: Oct 02 05:33:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144237	53.023	ug/l	99
94) Hexachlorobutadiene	13.78	225	63706	54.437	ug/l	97
95) Naphthalene	13.83	128	509707	51.789	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143114	52.519	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 184829

Ion Ratio Lower Upper

168 100

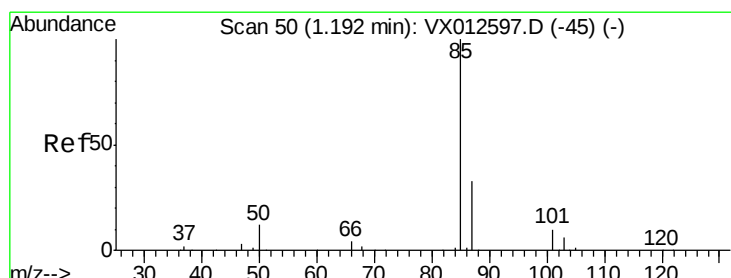
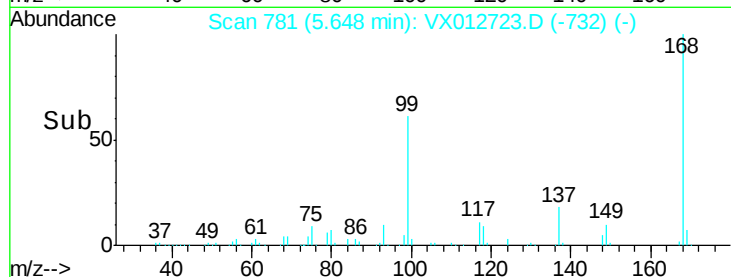
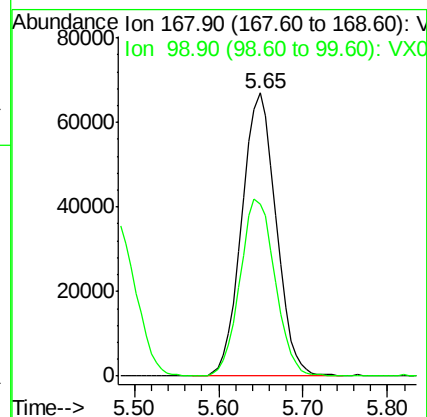
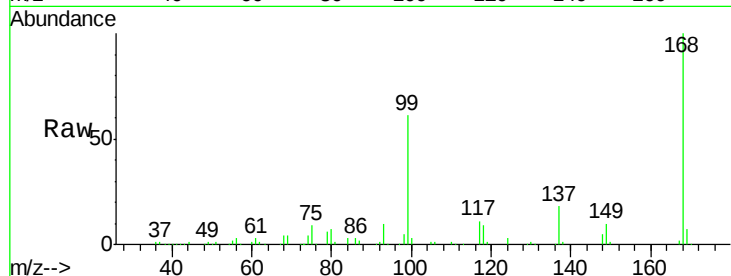
99 60.8 51.4 77.2

Manual Integrations

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10/2/2019 10:07:17 AM



#2

Dichlorodifluoromethane

Concen: 41.180 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012723.D

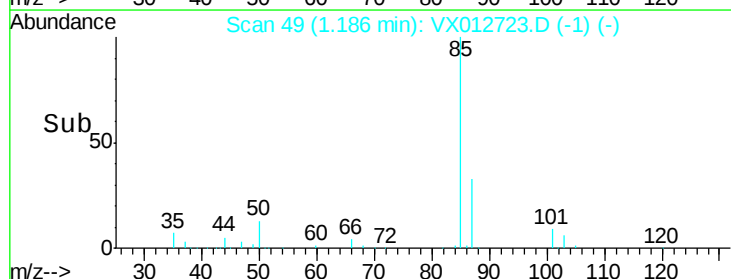
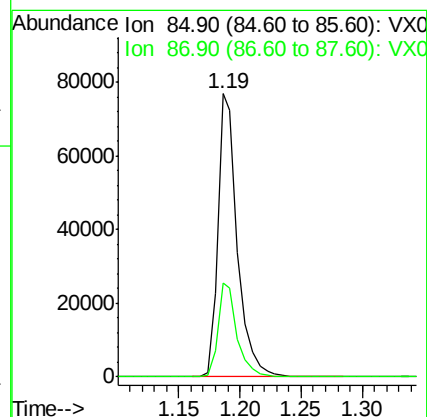
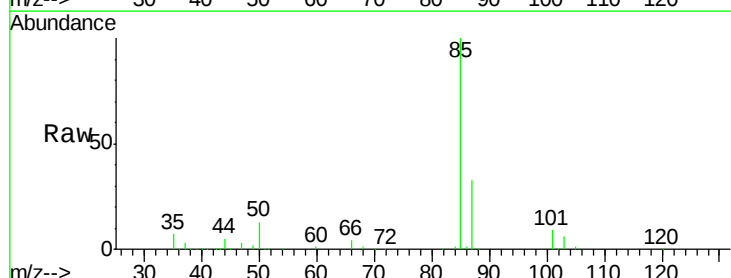
Acq: 01 Oct 2019 10:31

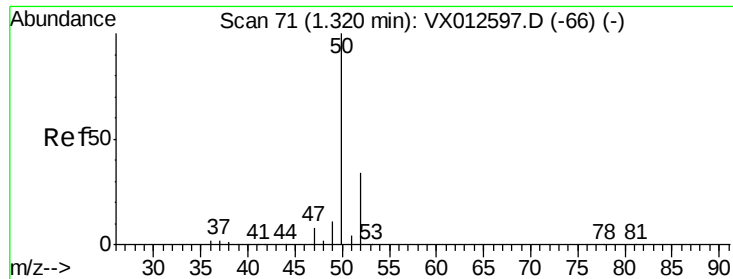
Tgt Ion: 85 Resp: 85625

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8





#3

Chloromethane

Concen: 40.007 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 95521

Ion Ratio Lower Upper

50 100

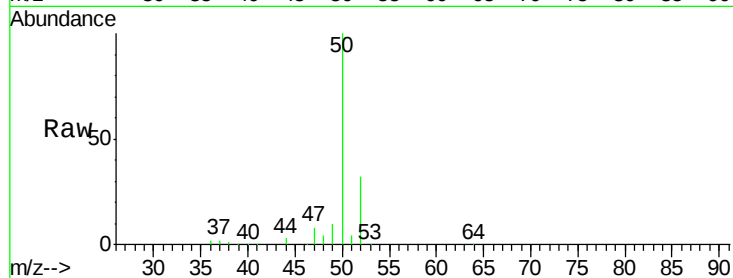
52 31.8 25.7 38.5

Manual Integrations

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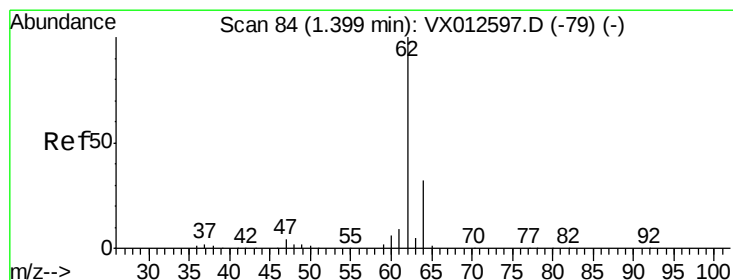
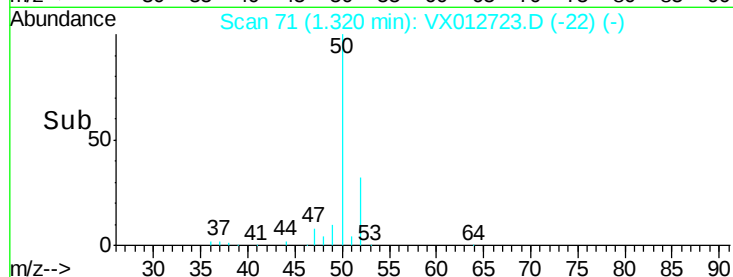
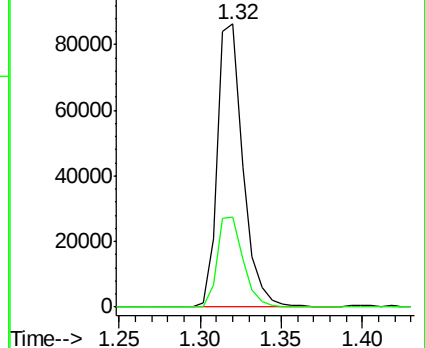
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.393 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012723.D

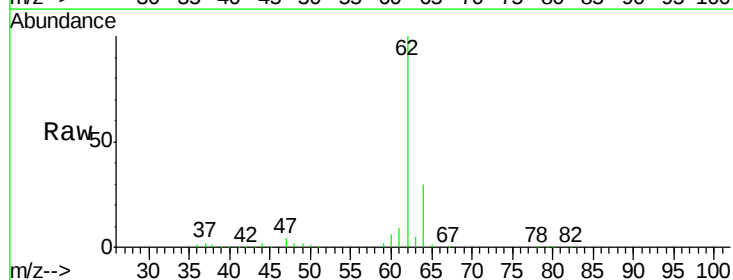
Acq: 01 Oct 2019 10:31

Tgt Ion: 62 Resp: 100608

Ion Ratio Lower Upper

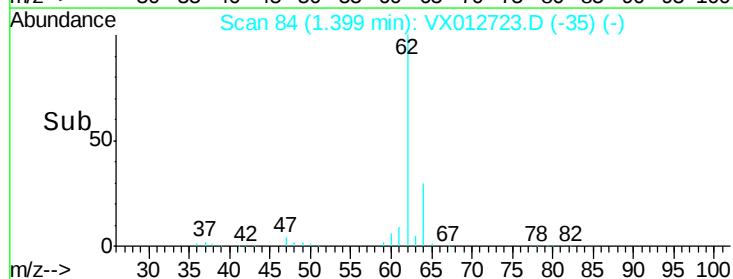
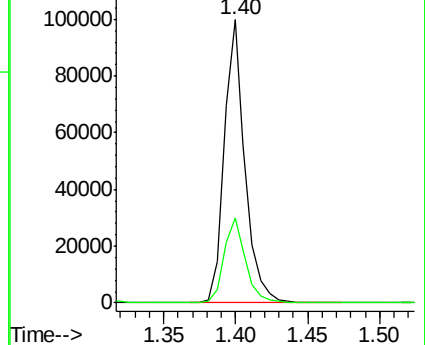
62 100

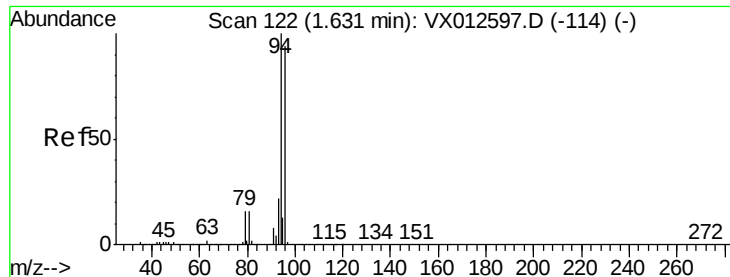
64 30.1 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.457 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 37750

Ion Ratio Lower Upper

94 100

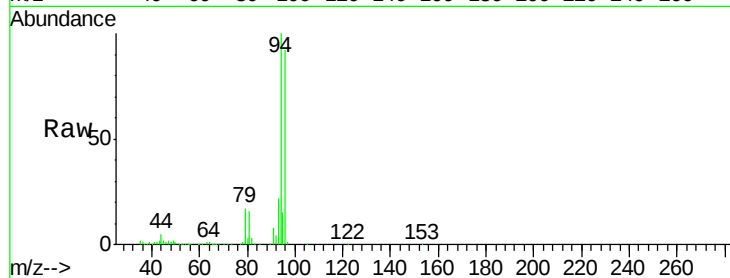
96 92.4 72.8 109.2

Manual Integrations

APPROVED

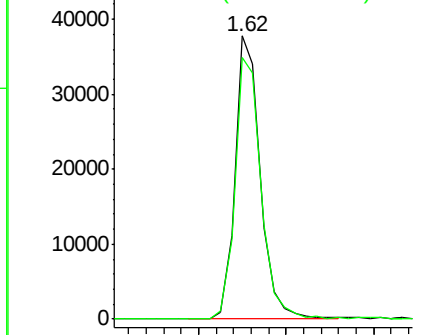
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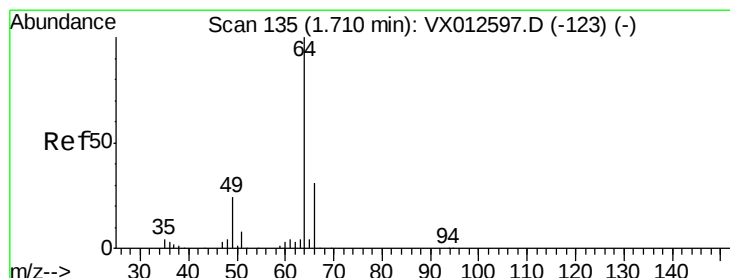
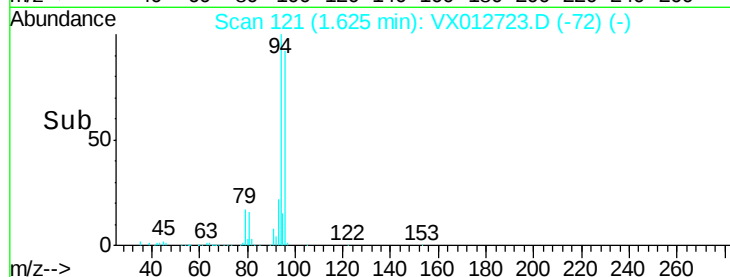


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 40.750 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012723.D

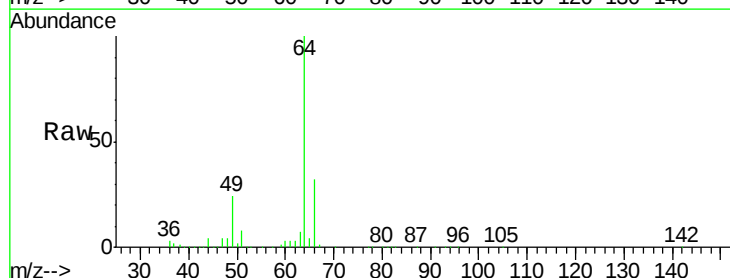
Acq: 01 Oct 2019 10:31

Tgt Ion: 64 Resp: 65195

Ion Ratio Lower Upper

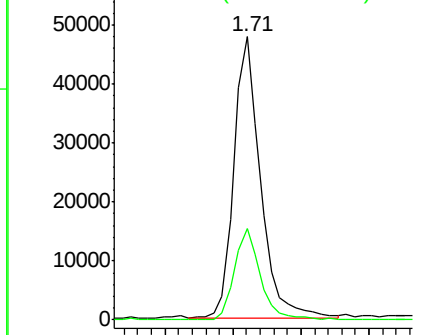
64 100

66 32.2 24.0 36.0

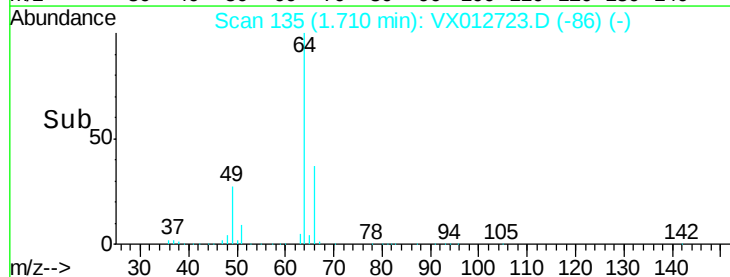


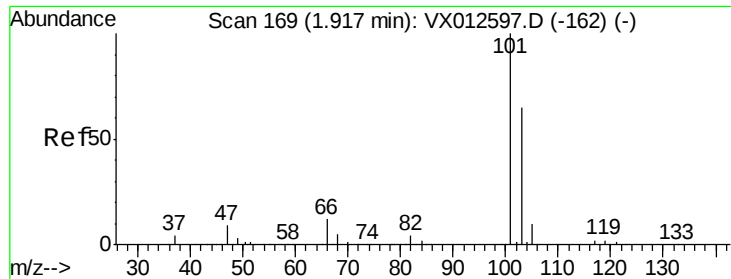
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

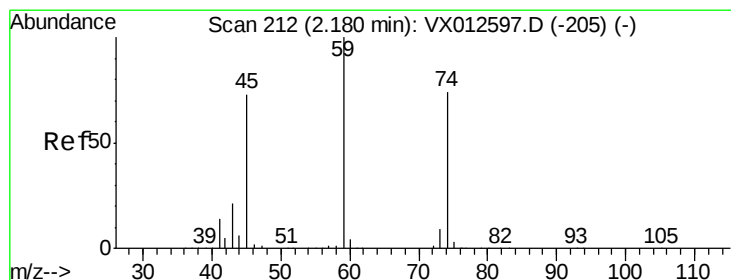
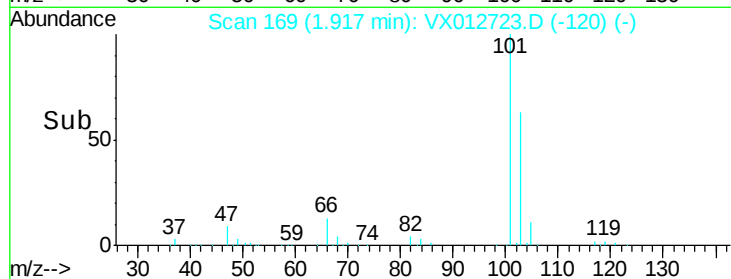
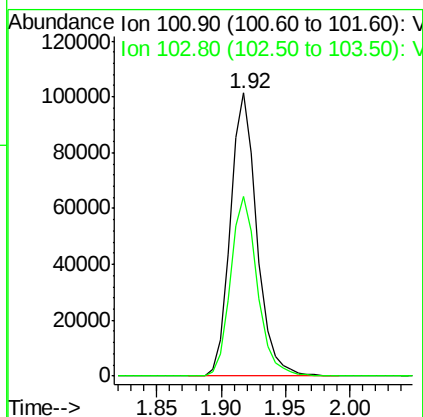
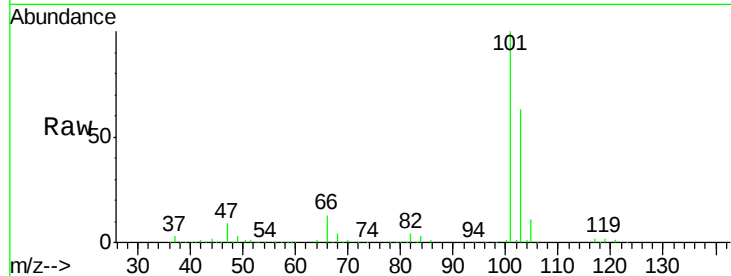
Trichlorofluoromethane
Concen: 43.832 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.0	76.4

Manual Integrations
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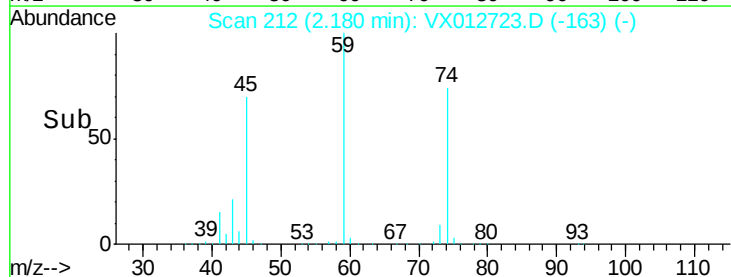
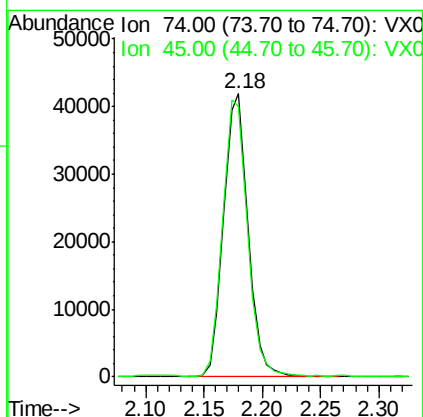
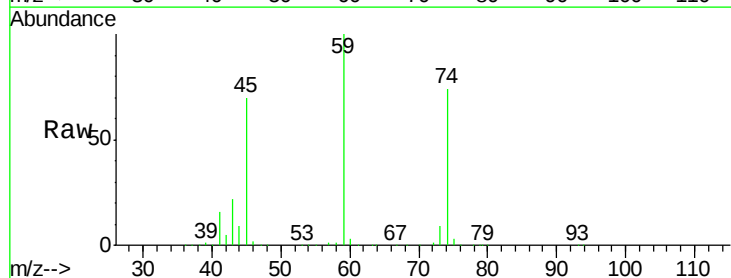
MMDadoda
10/2/2019 10:07:17 AM

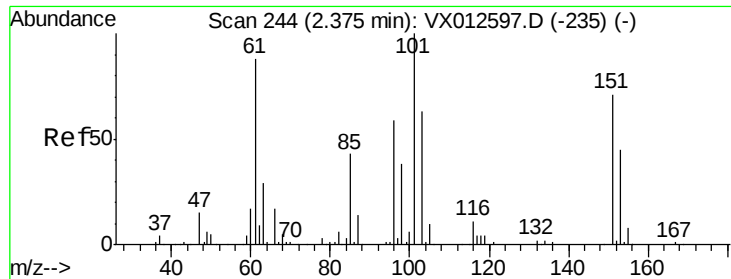


#8

Diethyl Ether
Concen: 44.729 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.104 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

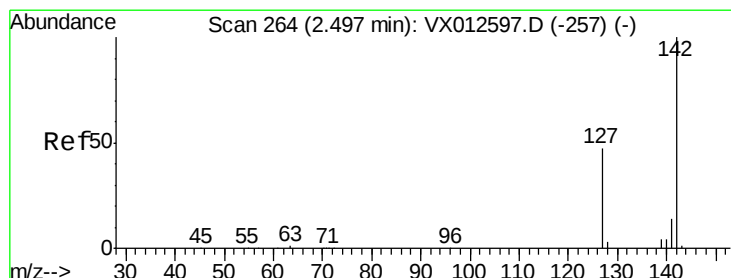
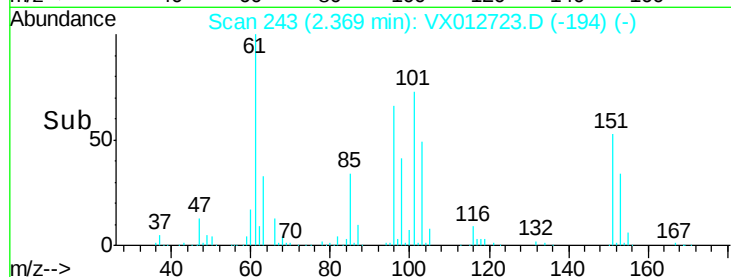
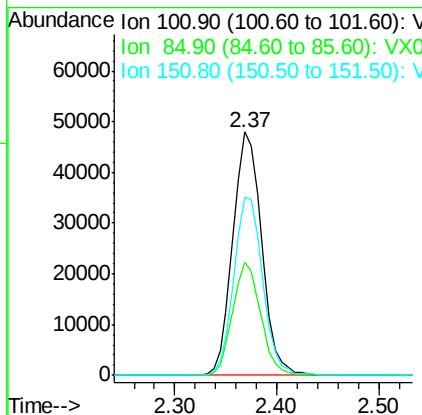
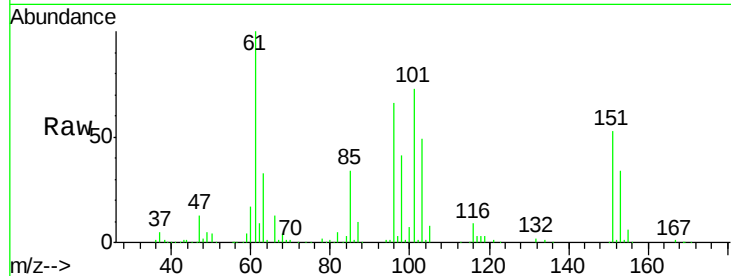
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	93565
Ion Ratio	Lower	Upper	
101	100		
85	45.3	37.3	55.9
151	73.3	61.0	91.4

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#10

Methyl Iodide

Concen: 42.633 ug/l

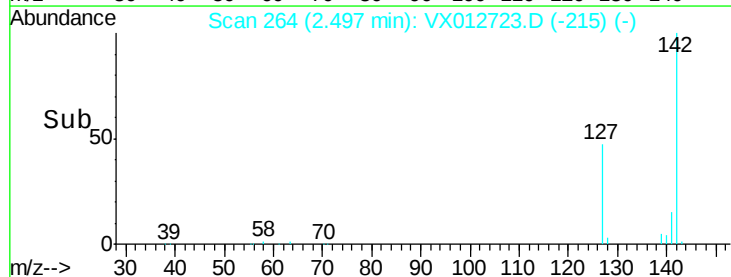
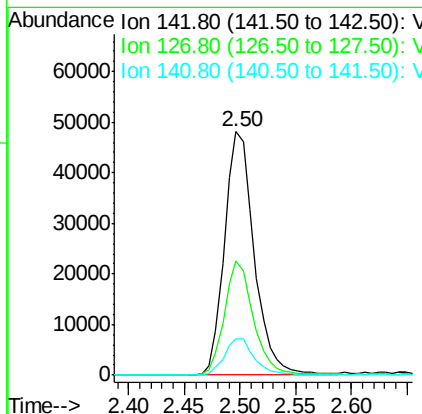
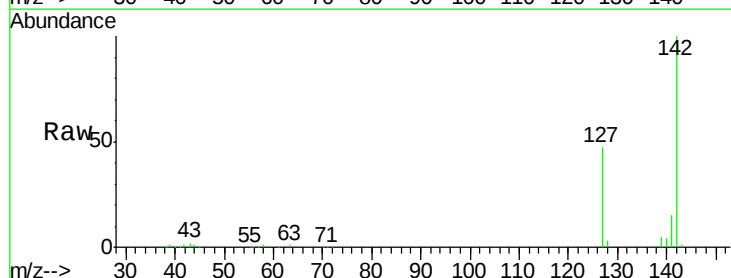
RT: 2.50 min Scan# 264

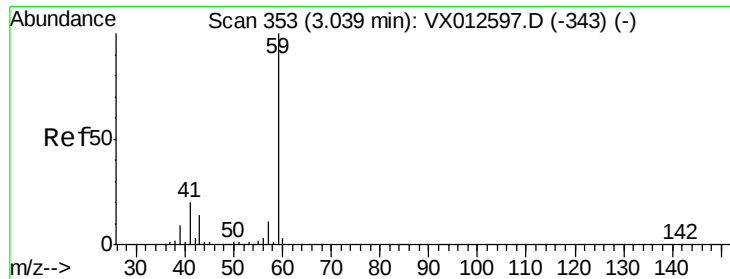
Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Tgt Ion:	142	Resp:	89418
Ion Ratio	Lower	Upper	
142	100		
127	46.2	40.8	61.2
141	15.1	12.1	18.1





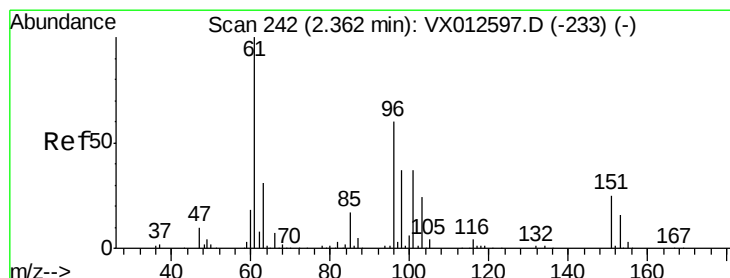
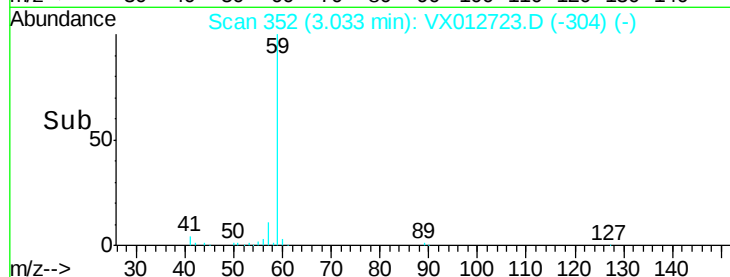
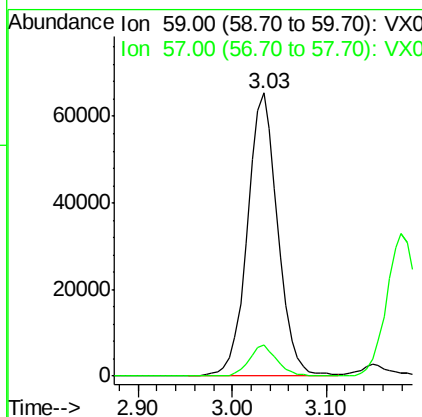
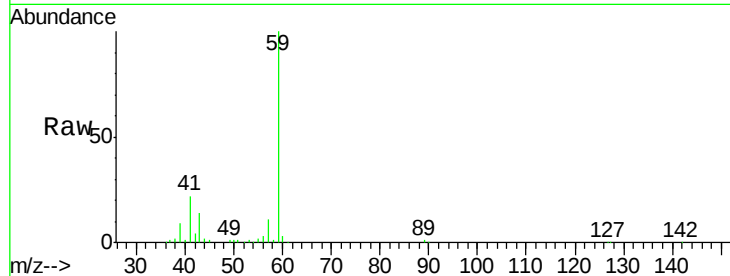
#11
Tert butyl alcohol
Concen: 219.710 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 147721
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

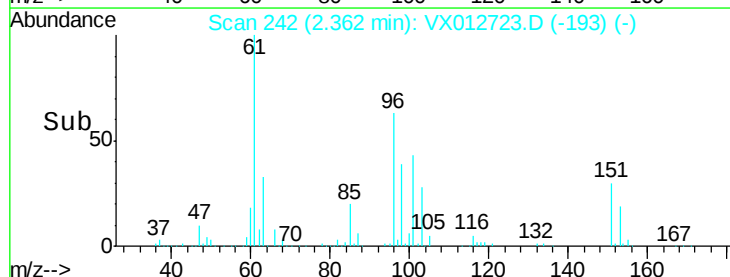
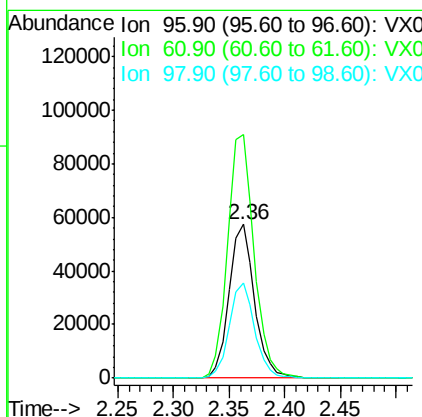
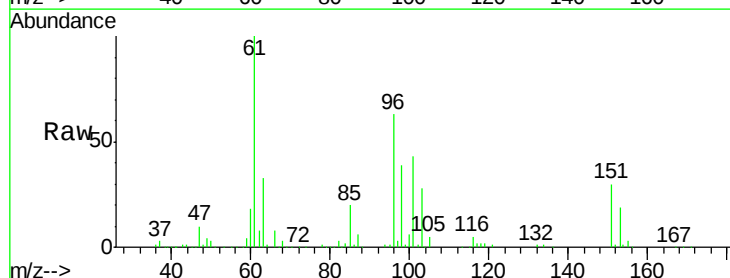
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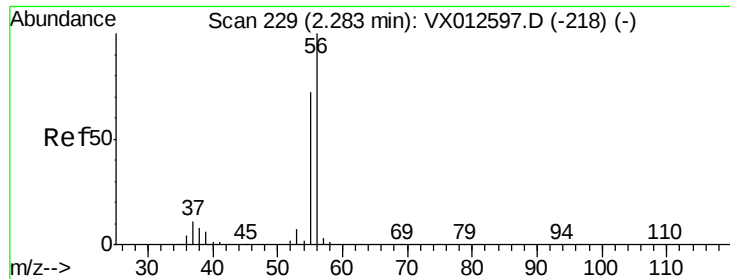
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.644 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 96 Resp: 90705
Ion Ratio Lower Upper
96 100
61 158.7 133.8 200.6
98 61.9 49.9 74.9





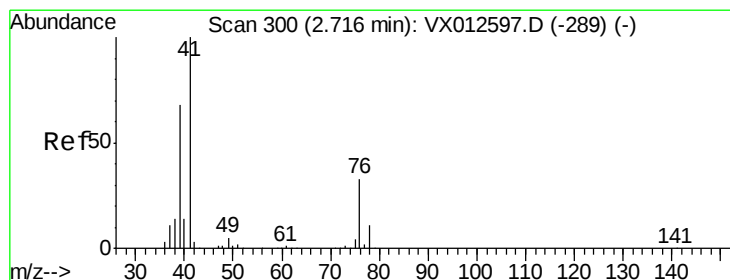
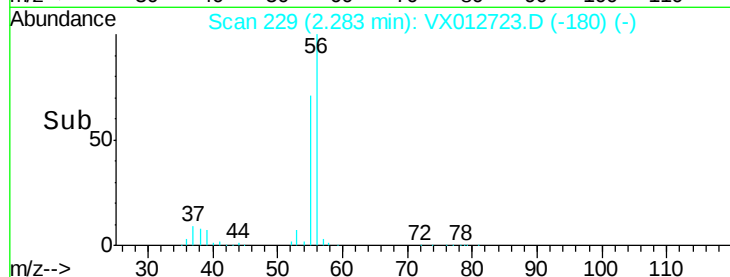
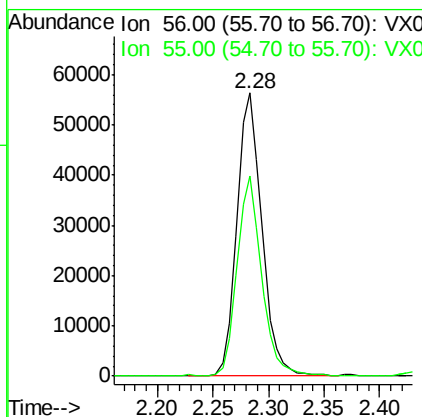
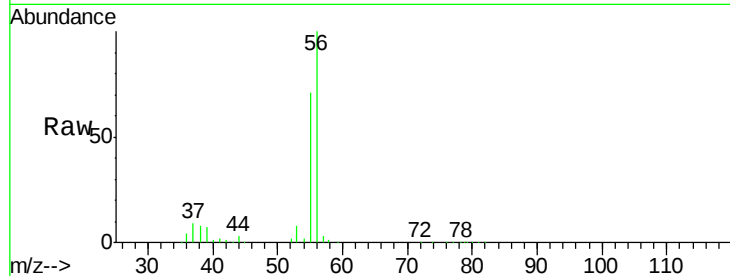
#13
Acrolein
Concen: 235.408 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.7	55.8	83.8

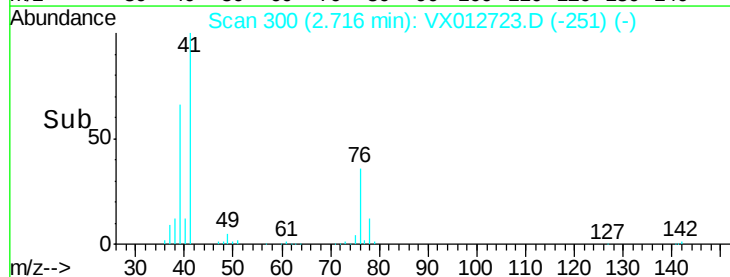
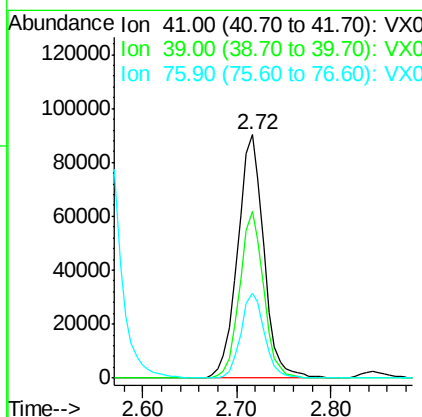
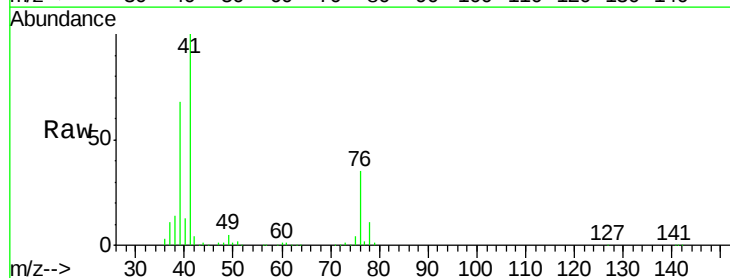
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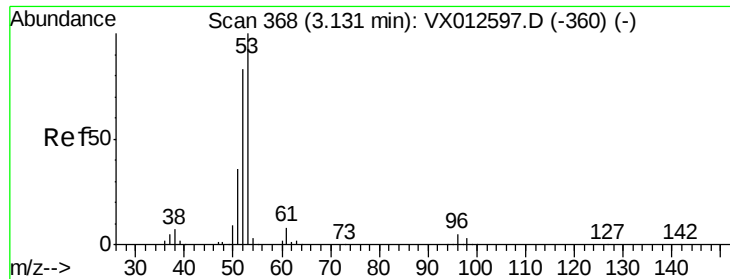
MMDadoda
10/2/2019 10:07:17 AM



#14
Allyl chloride
Concen: 44.493 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.8	51.3	76.9
76	31.4	22.6	33.8





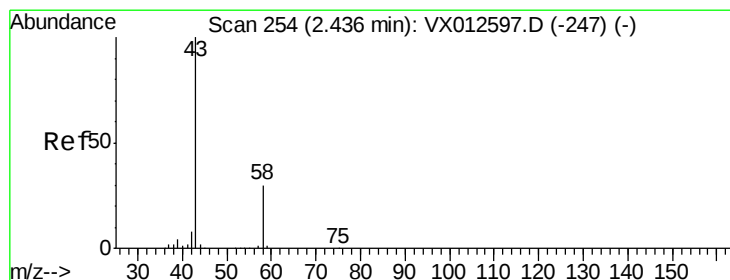
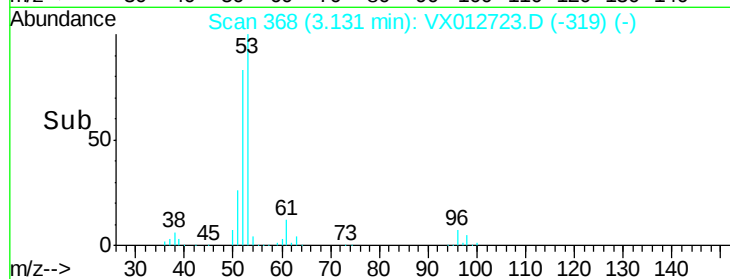
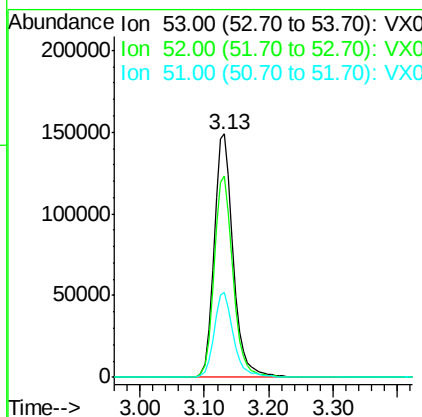
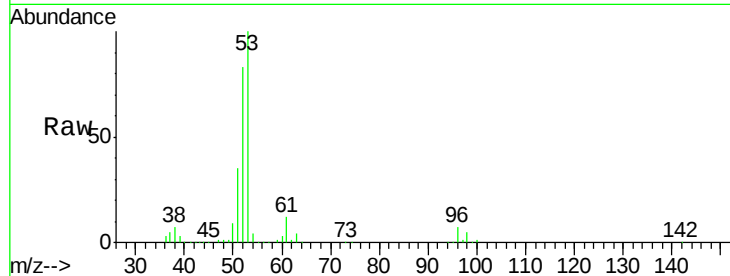
#15
 Acrylonitrile
 Concen: 227.604 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	310463
Ion Ratio	Lower	Upper	
53	100		
52	81.8	67.0	100.4
51	35.4	29.6	44.4

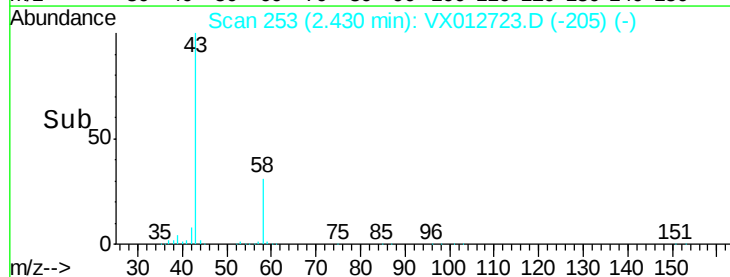
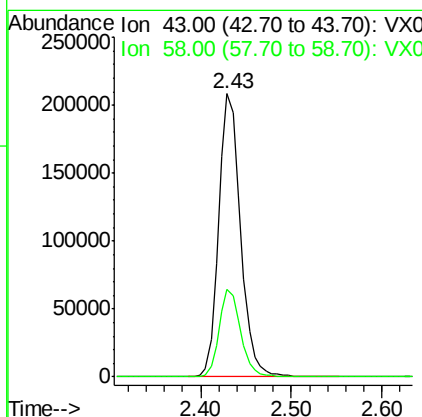
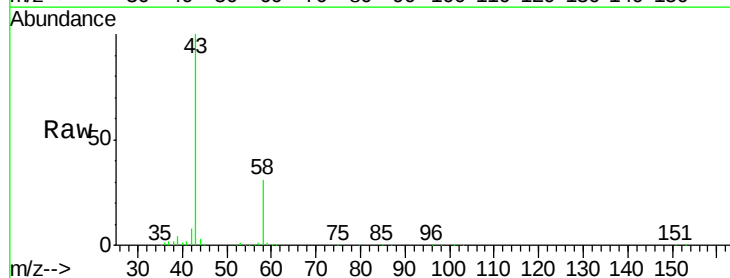
Manual Integrations
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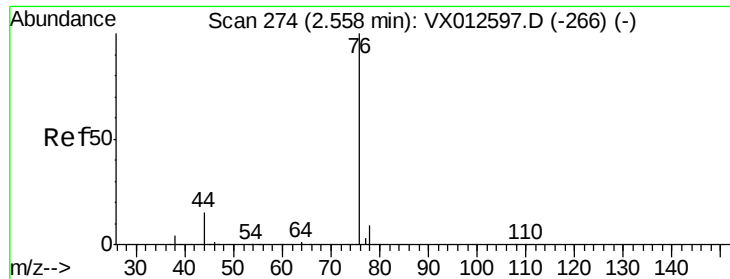
MMDadoda
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#16
 Acetone
 Concen: 244.484 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion:	43	Resp:	348541
Ion Ratio	Lower	Upper	
43	100		
58	31.1	23.3	34.9





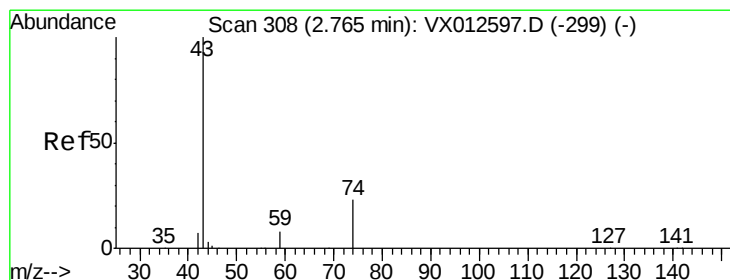
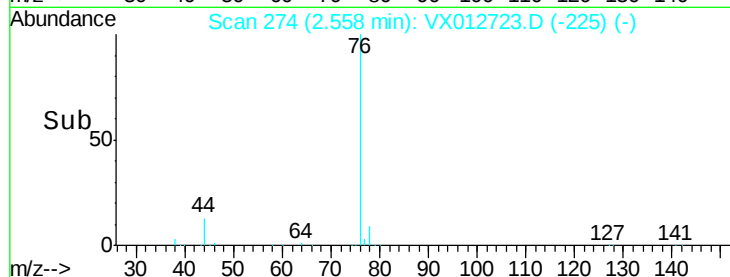
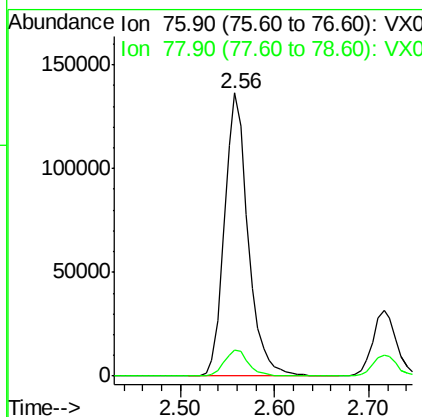
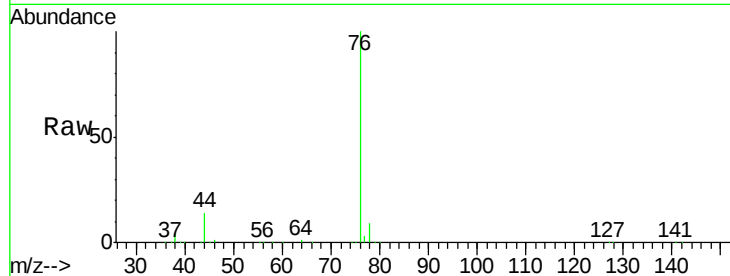
#17
Carbon Disulfide
Concen: 42.534 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

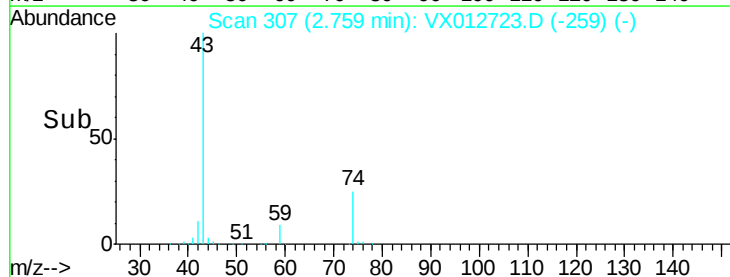
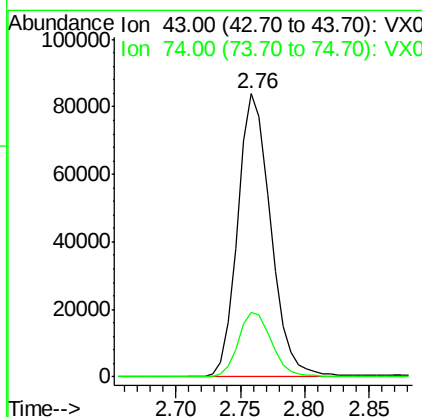
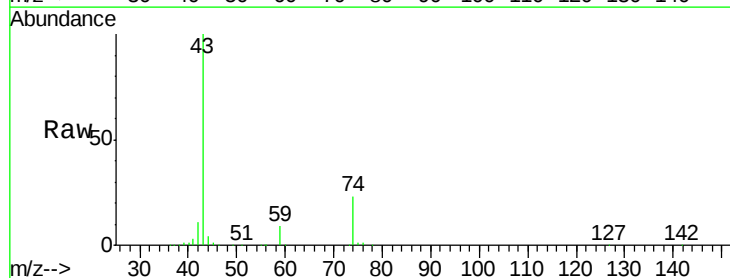
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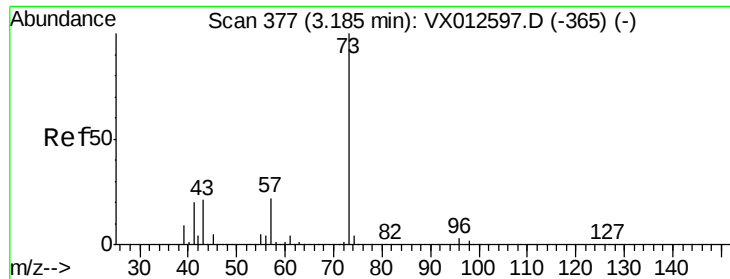
MMDadoda
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#18
Methyl Acetate
Concen: 44.113 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.7	26.5





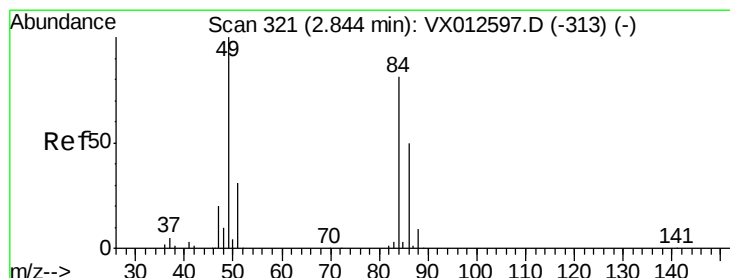
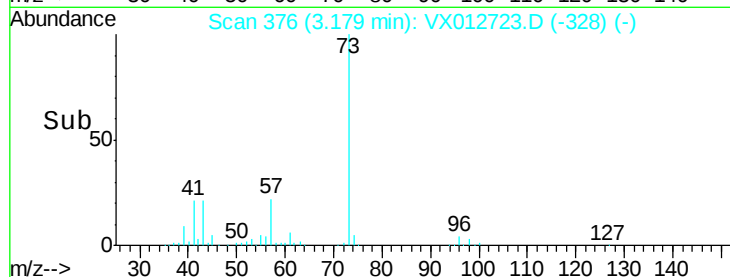
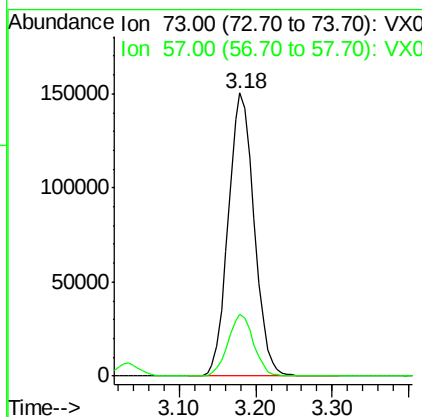
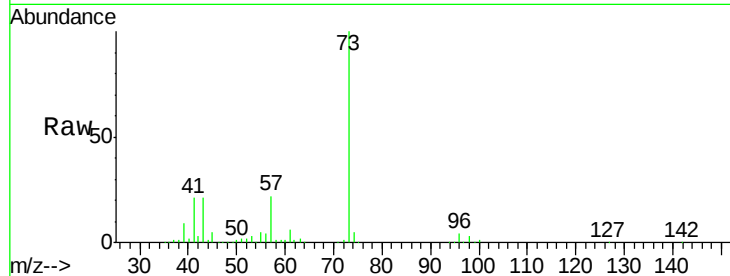
#19
Methvl tert-butvl Ether
Concen: 46.809 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 352089
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2

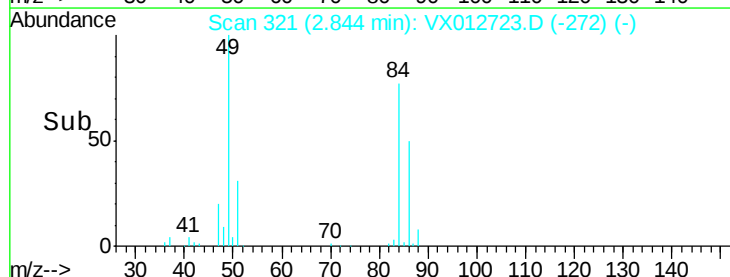
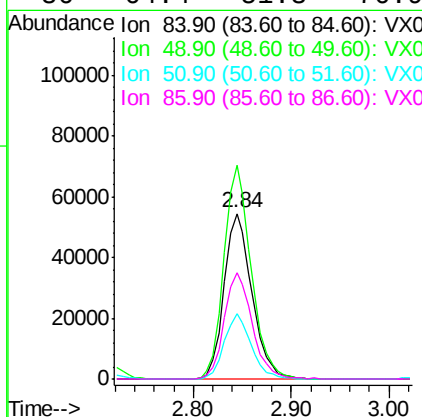
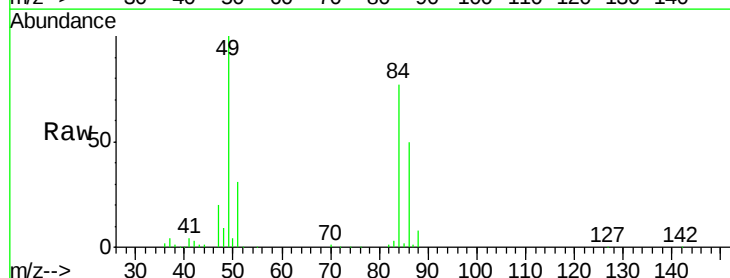
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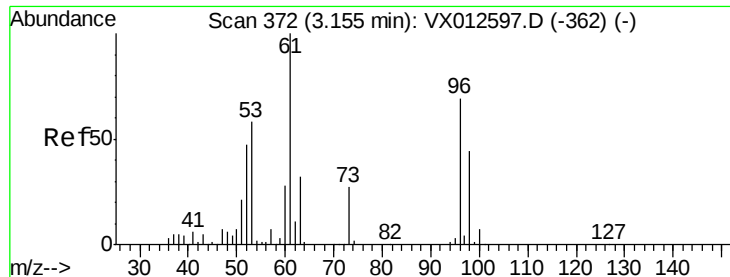
MMDadoda
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#20
Methylene Chloride
Concen: 44.527 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 84 Resp: 107366
Ion Ratio Lower Upper
84 100
49 129.4 106.8 160.2
51 39.5 32.3 48.5
86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.465 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 100096

Ion Ratio Lower Upper

96 100

61 138.9 112.0 168.0

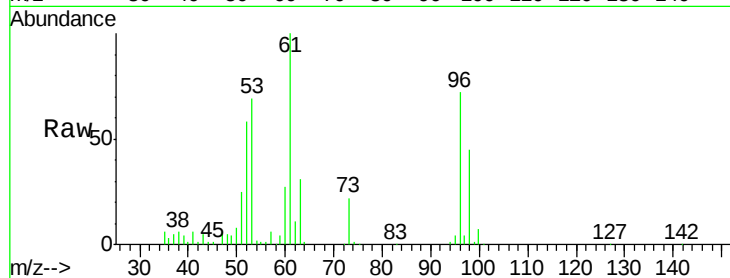
98 62.9 47.8 71.8

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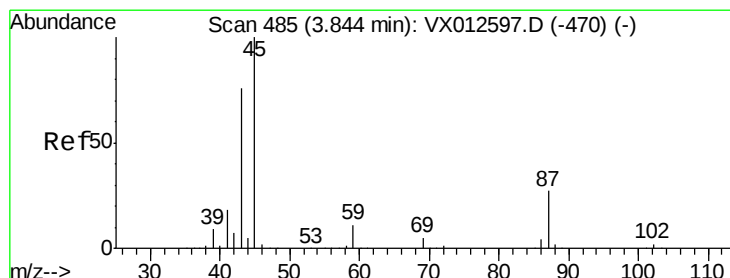
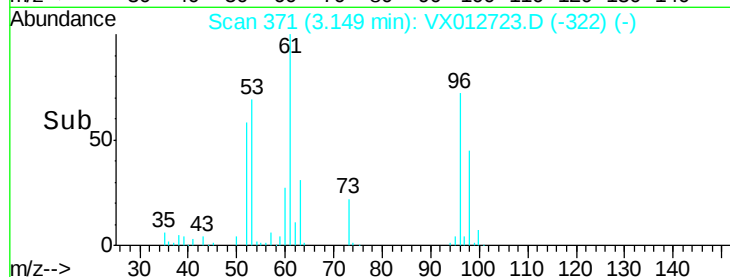
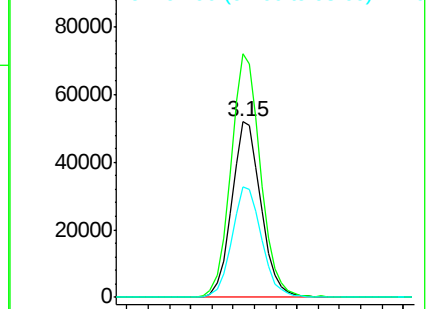


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 45.606 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Tgt Ion: 45 Resp: 347441

Ion Ratio Lower Upper

45 100

43 62.6 57.8 86.8

87 27.1 21.3 31.9

59 11.7 8.5 12.7

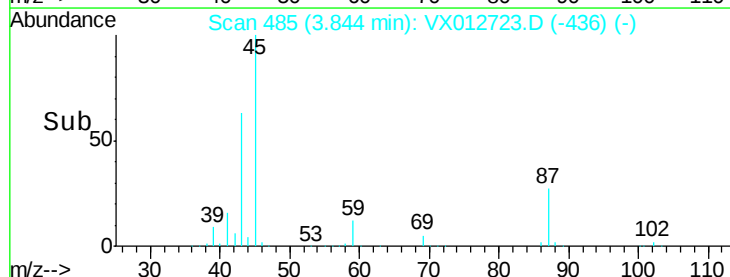
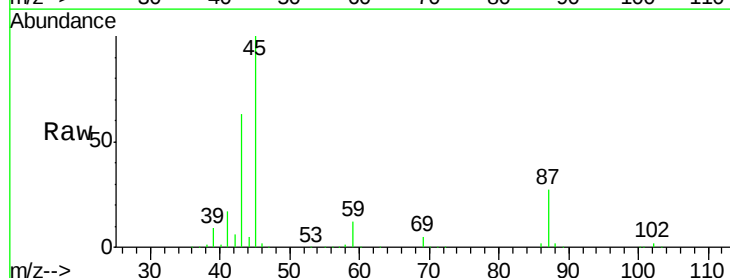
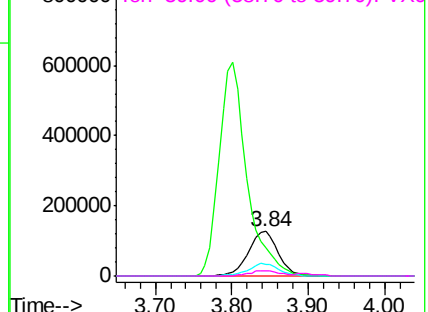
Abundance

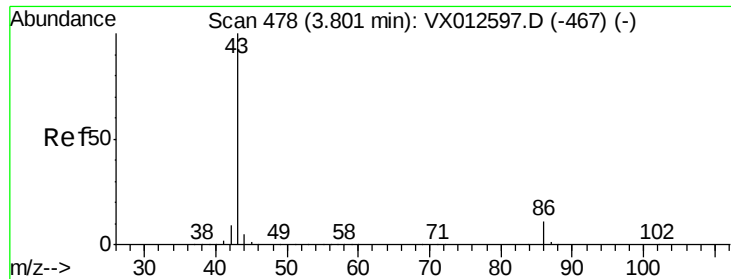
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 231.603 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1547319

Ion Ratio Lower Upper

43 100

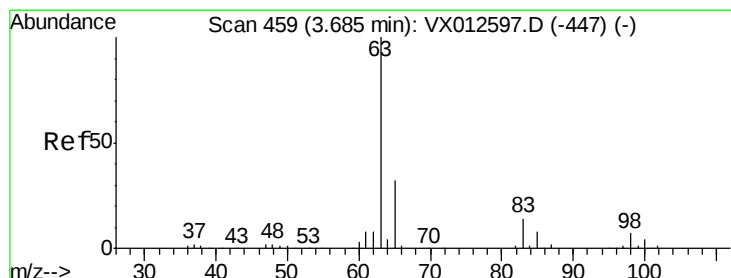
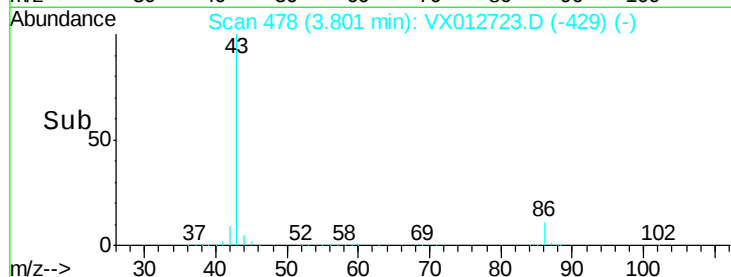
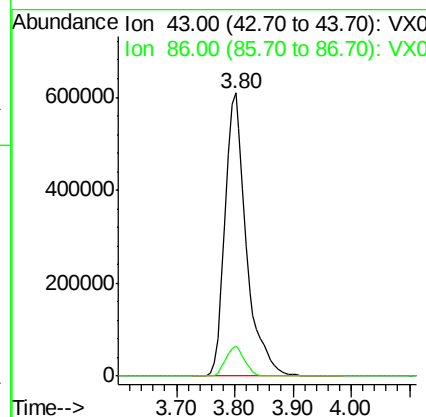
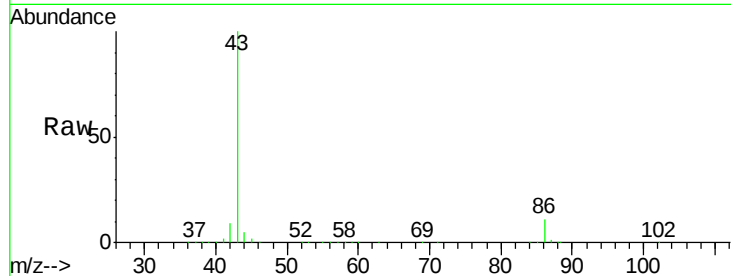
86 10.5 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 45.059 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

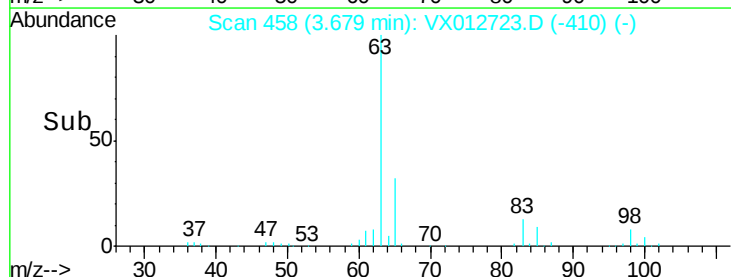
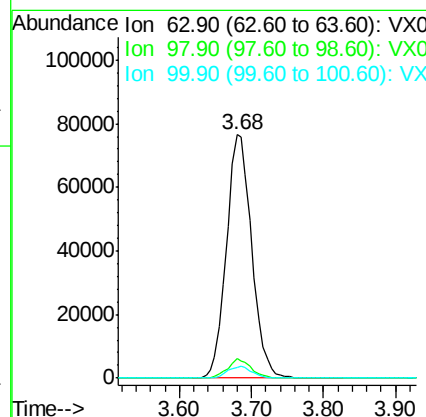
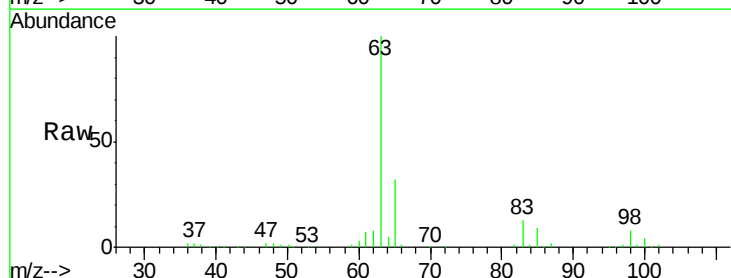
Tgt Ion: 63 Resp: 186597

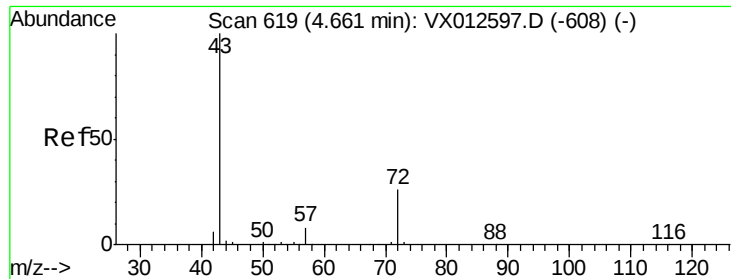
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 229.968 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 470083

Ion Ratio Lower Upper

43 100

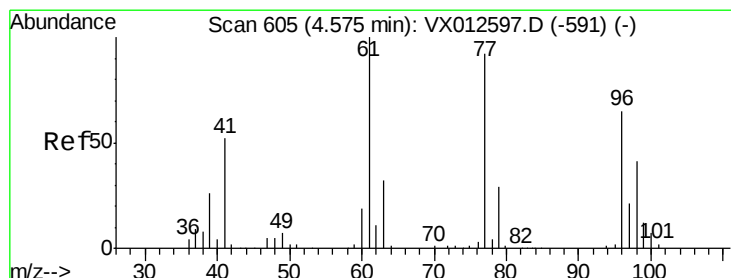
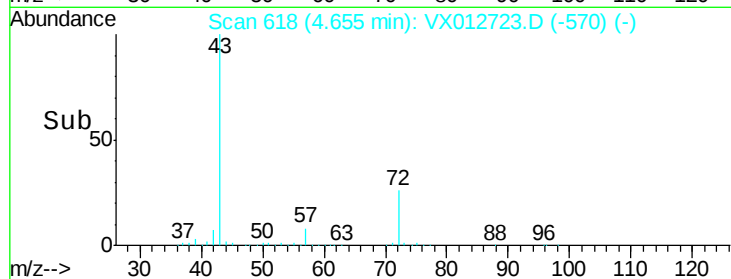
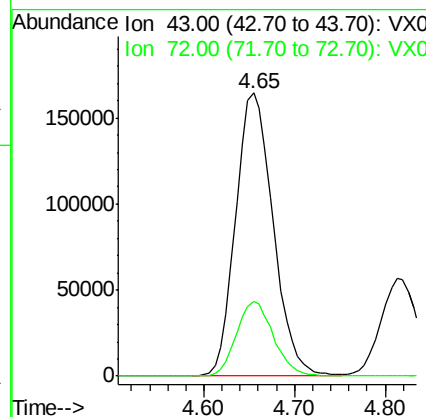
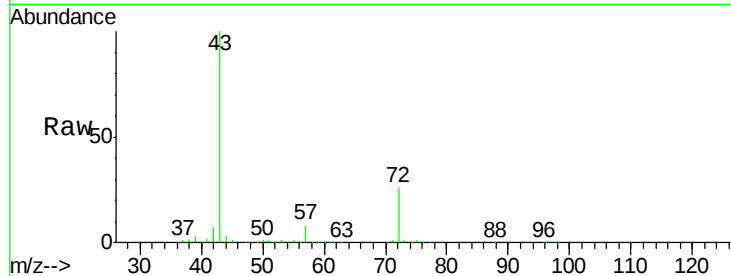
72 26.2 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.016 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012723.D

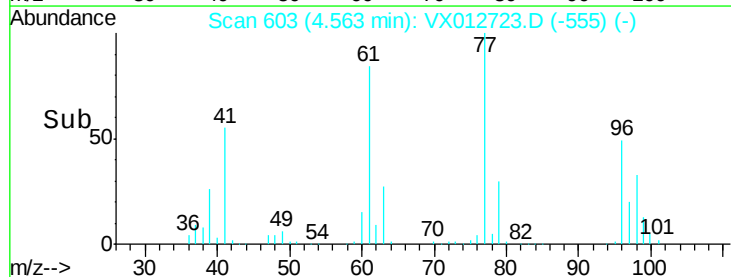
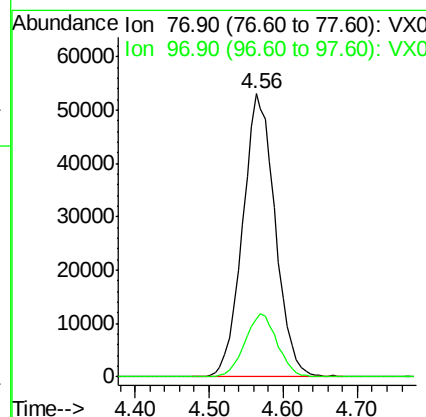
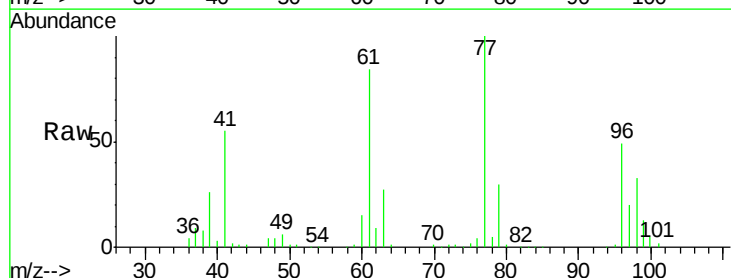
Acq: 01 Oct 2019 10:31

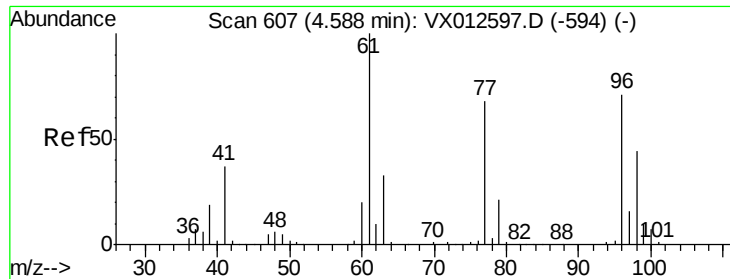
Tgt Ion: 77 Resp: 162116

Ion Ratio Lower Upper

77 100

97 22.4 10.5 31.6





#27

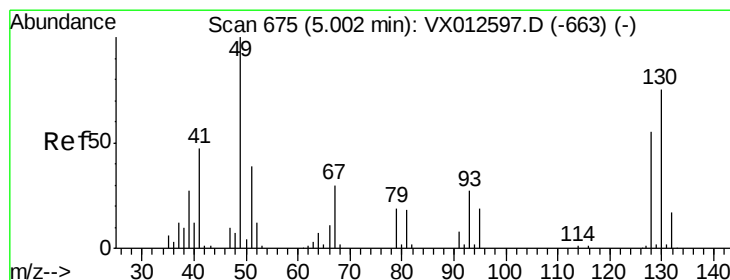
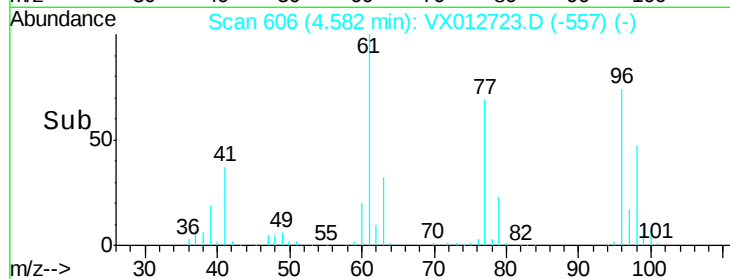
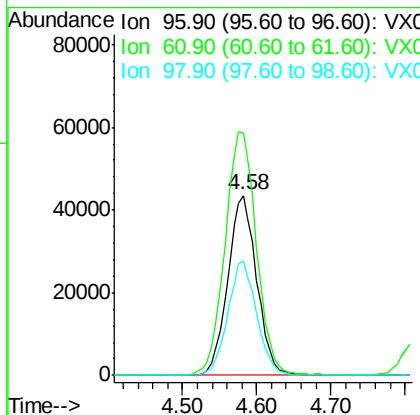
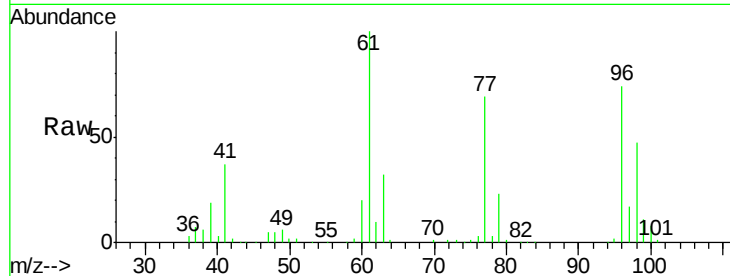
cis-1,2-Dichloroethene
Concen: 46.131 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117844		
61	147.2	0.0	319.4	
98	63.7	0.0	130.6	

Manual Integrations
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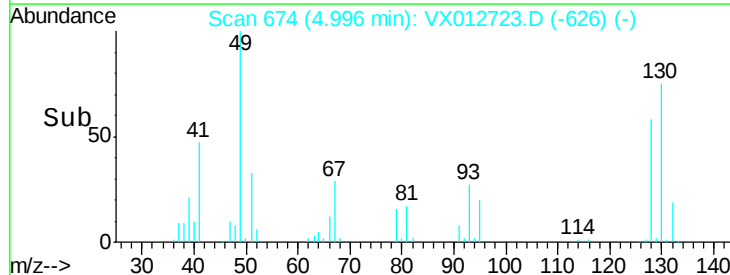
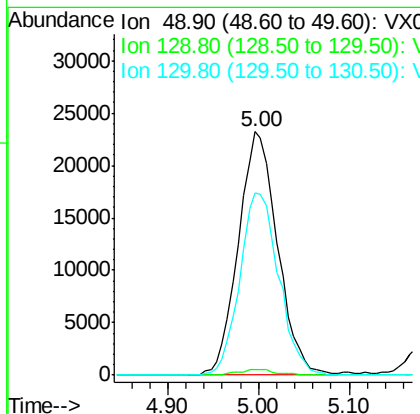
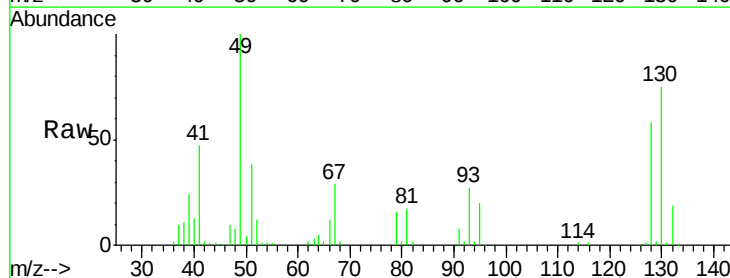
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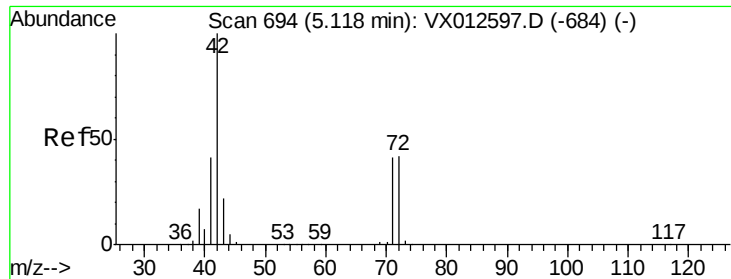


#28

Bromochloromethane
Concen: 46.160 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69408		
129	2.1	0.0	3.8	
130	74.4	58.2	87.4	





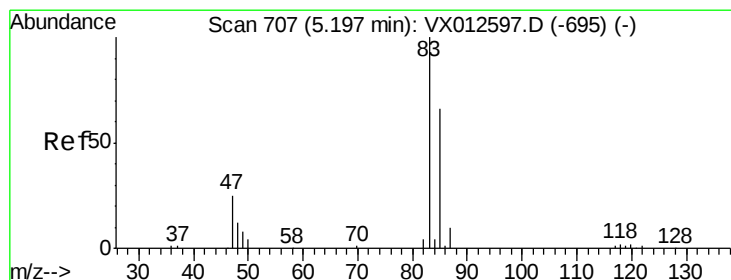
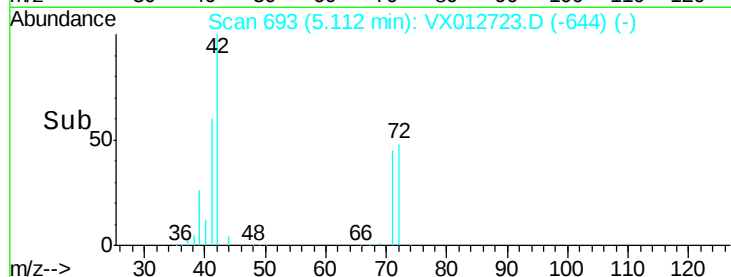
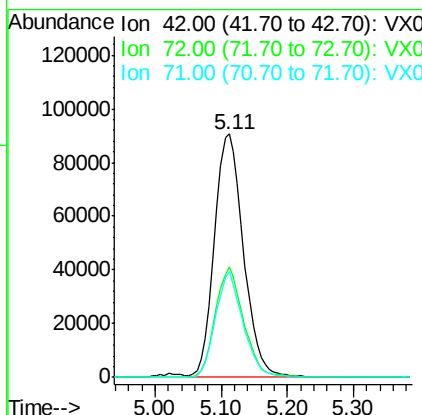
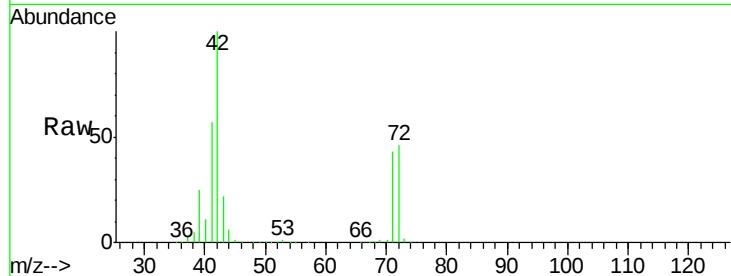
#29
Tetrahydrofuran
Concen: 220.585 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.0	51.0
71	41.2	31.5	47.3

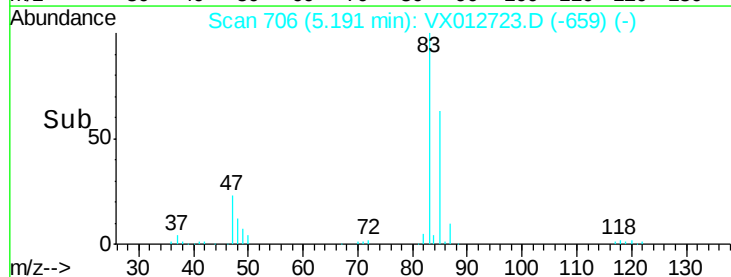
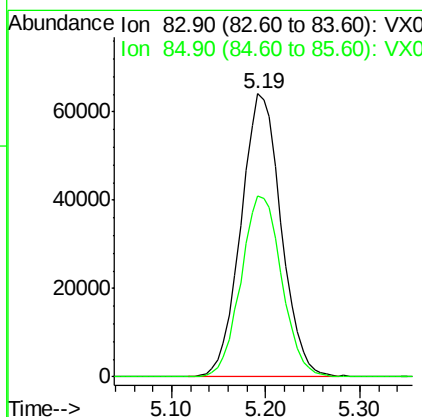
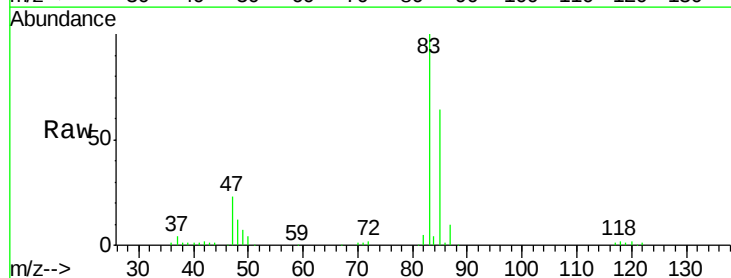
Manual Integrations
APPROVED

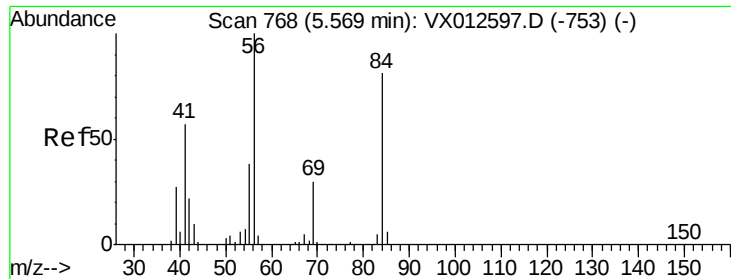
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#30
Chloroform
Concen: 44.976 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.0	79.4





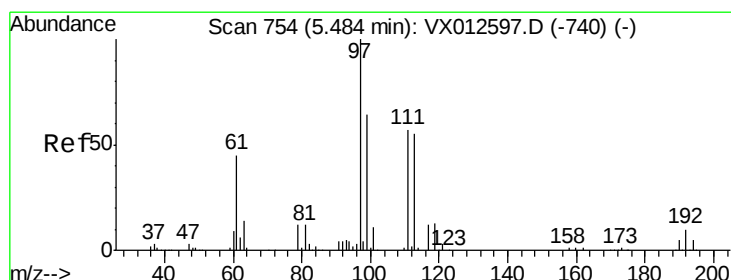
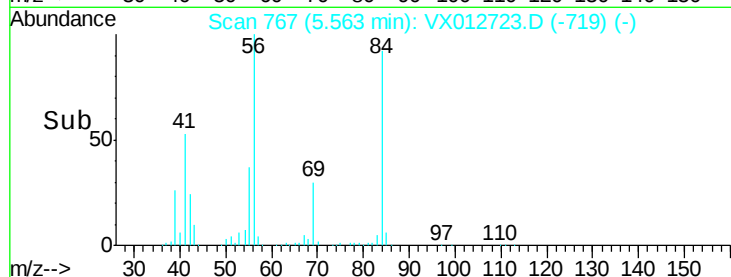
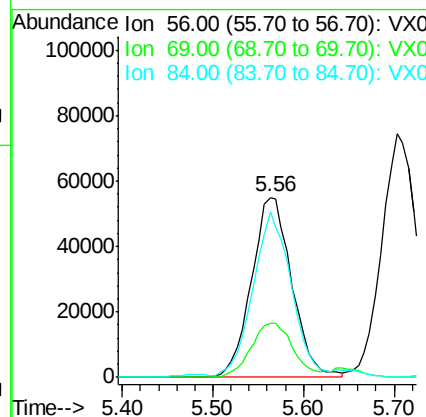
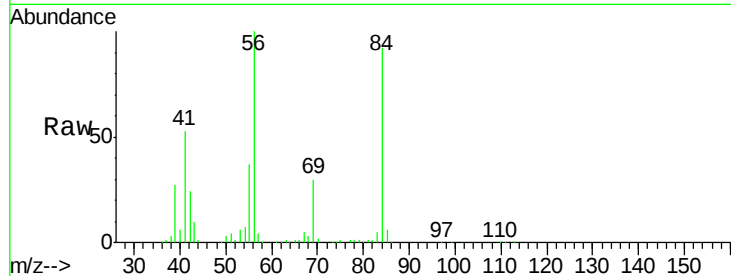
#31
Cyclohexane
Concen: 45.096 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.0	37.6
84	90.5	66.4	99.6

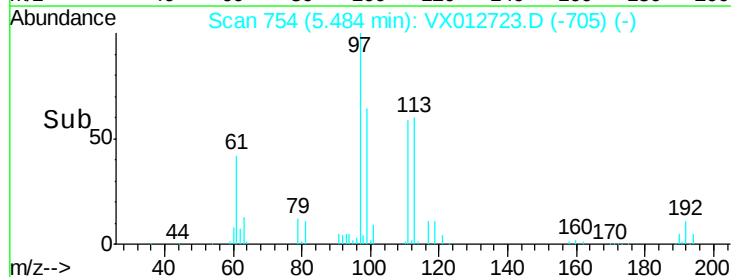
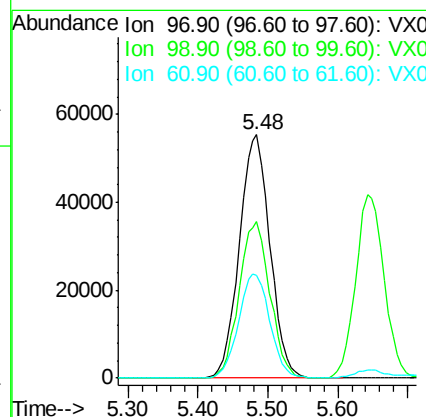
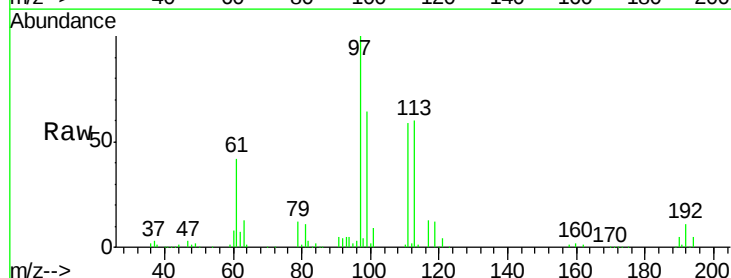
Manual Integrations
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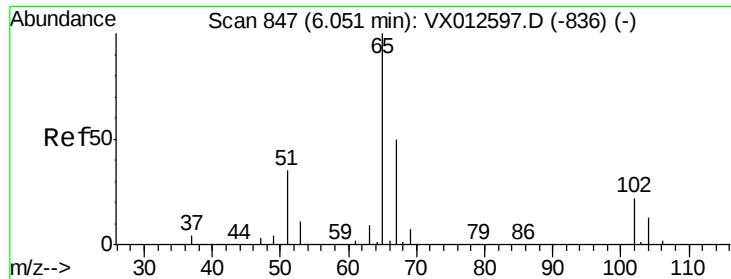
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#32
1,1,1-Trichloroethane
Concen: 44.785 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	43.8	36.1	54.1





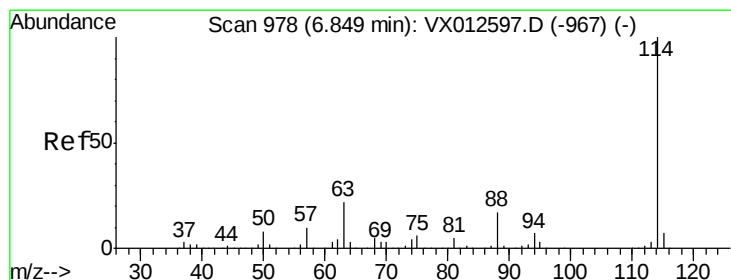
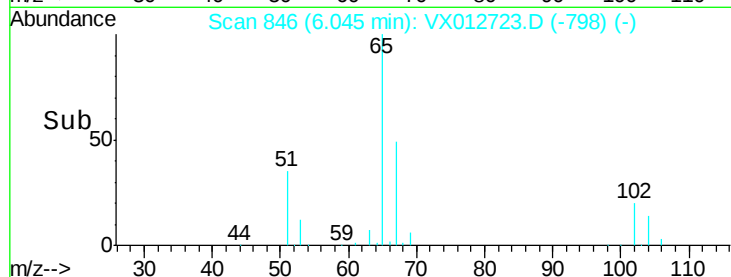
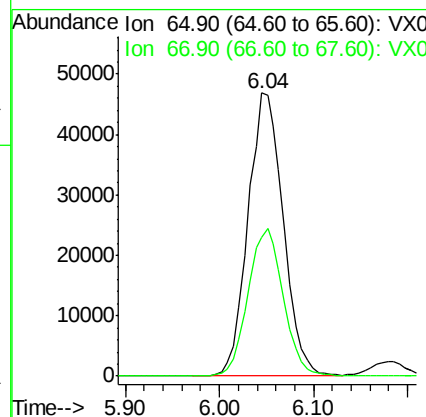
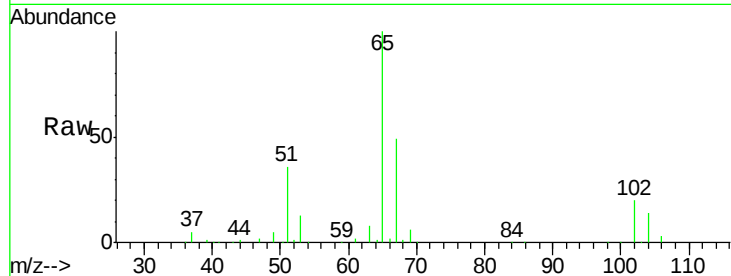
#33
 1,2-Dichloroethane-d4
 Concen: 45.677 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122938		
67	52.1	0.0	101.2	

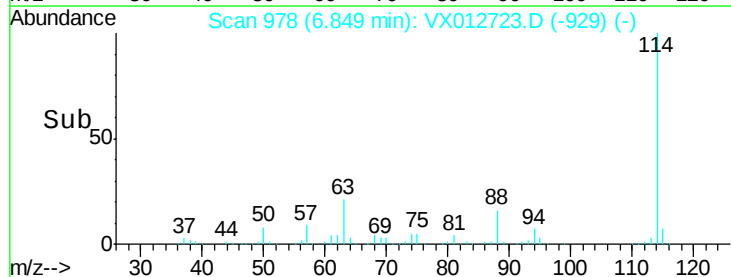
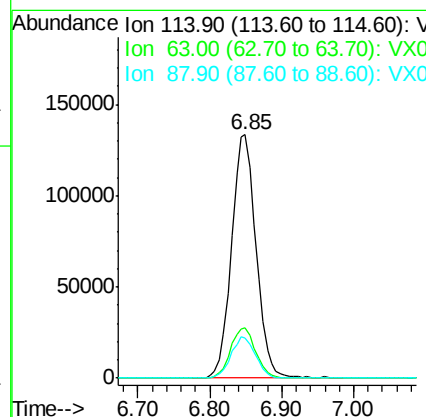
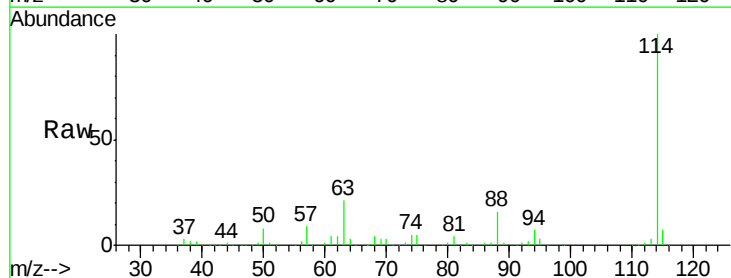
Manual Integrations
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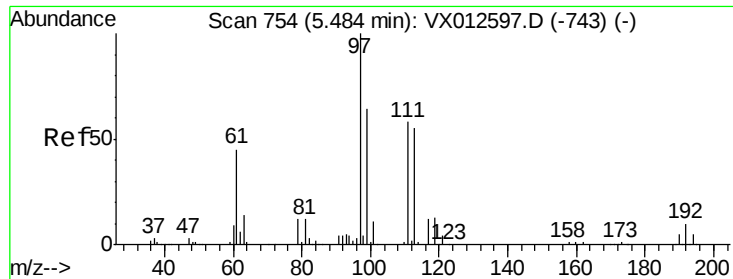
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	316388		
63	20.6	0.0	43.2	
88	16.4	0.0	33.2	





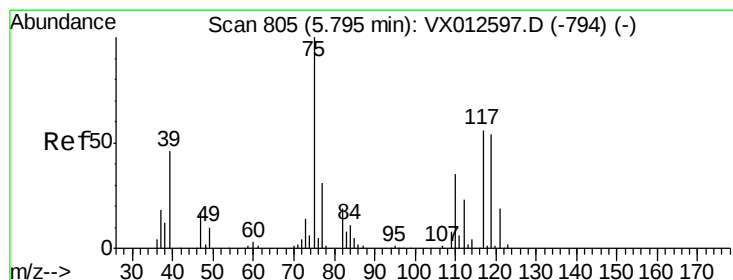
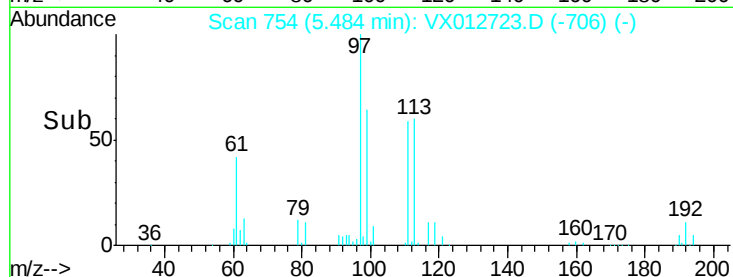
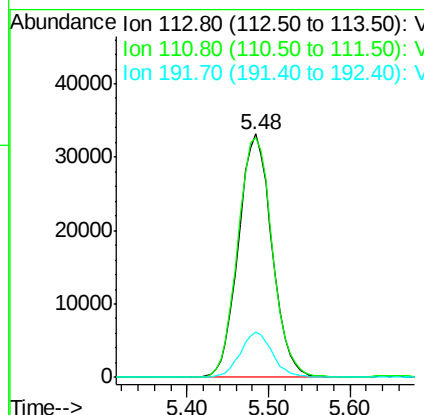
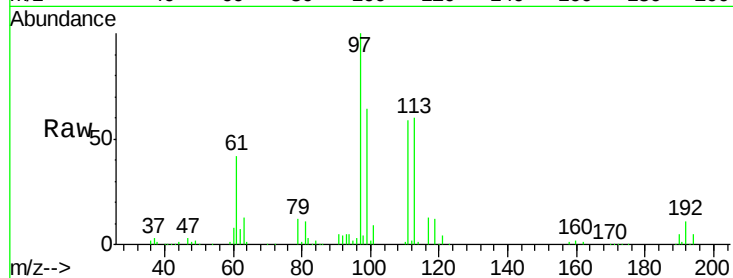
#35
Dibromofluoromethane
Concen: 50.061 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.2
192	18.0	14.4	21.6

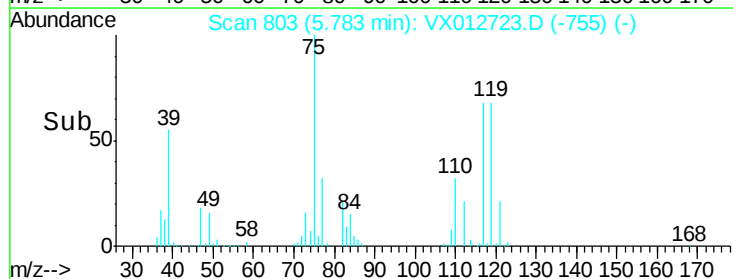
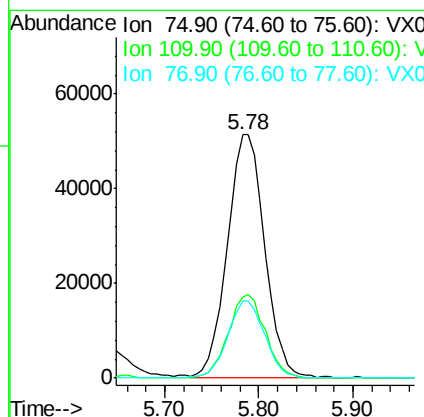
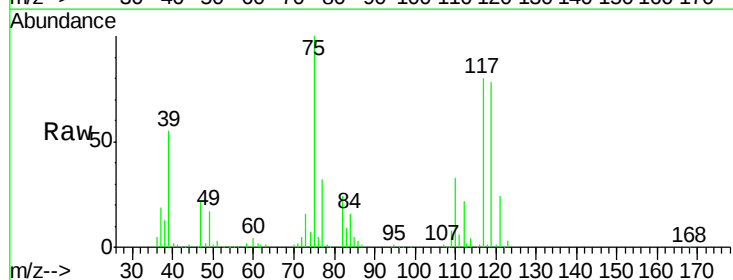
Manual Integrations
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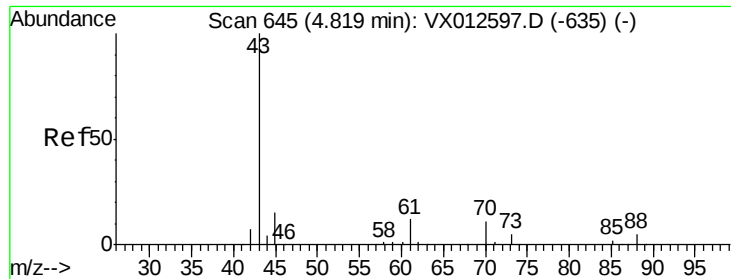
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#36
1,1-Dichloropropene
Concen: 46.270 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.0
77	31.9	24.2	36.2





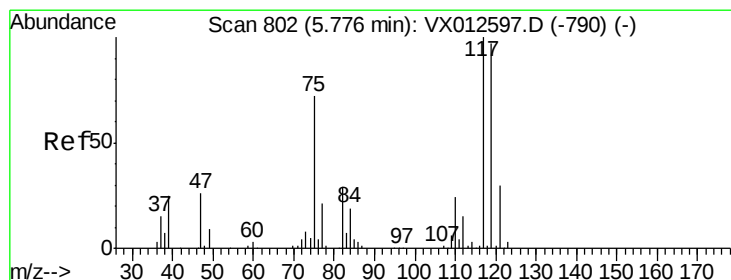
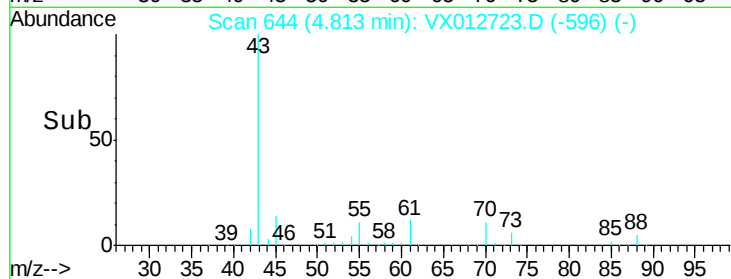
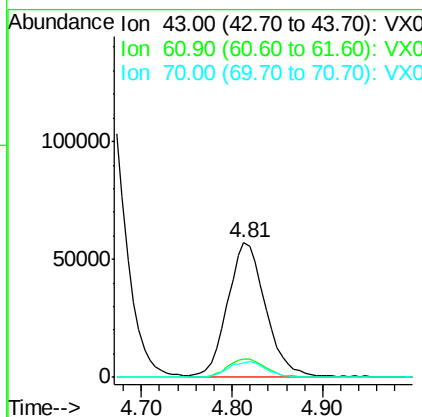
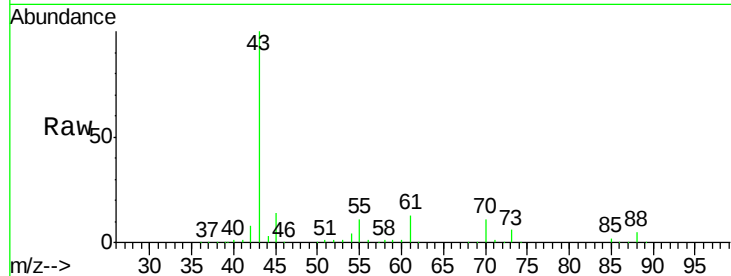
#37
Ethyl Acetate
Concen: 46.113 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.2	15.4
70	12.0	8.7	13.1

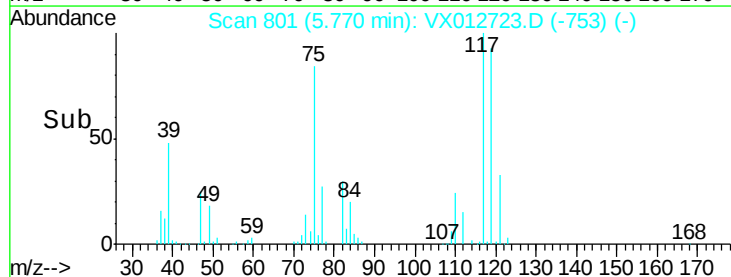
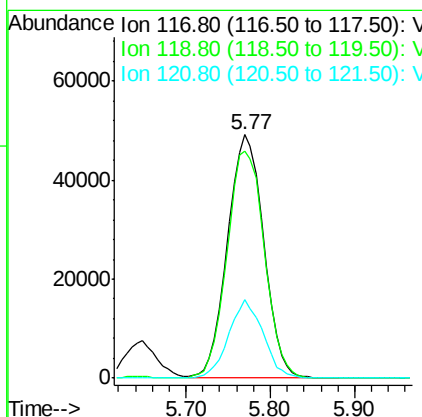
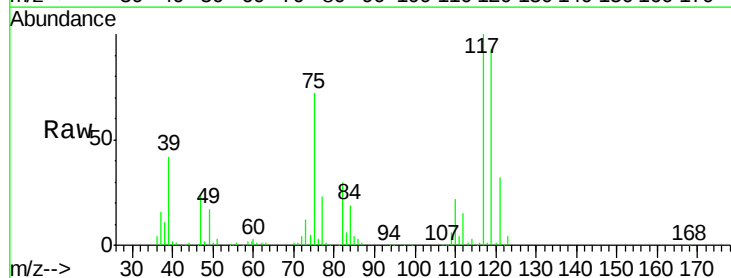
Manual Integrations
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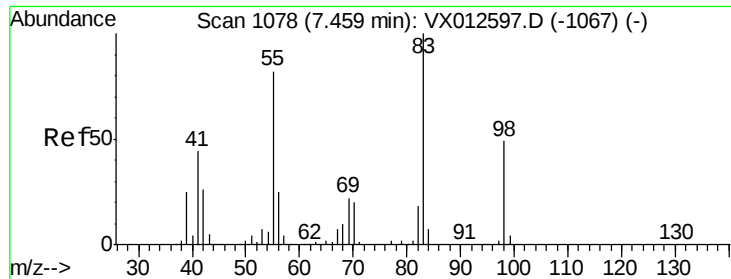
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#38
Carbon Tetrachloride
Concen: 46.300 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.7	113.5
121	32.4	24.2	36.4





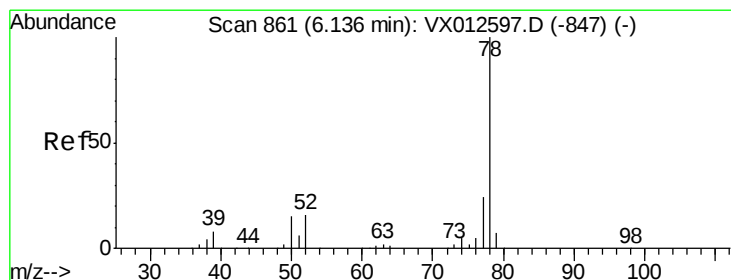
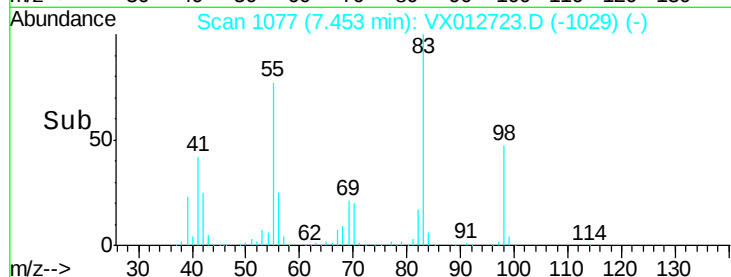
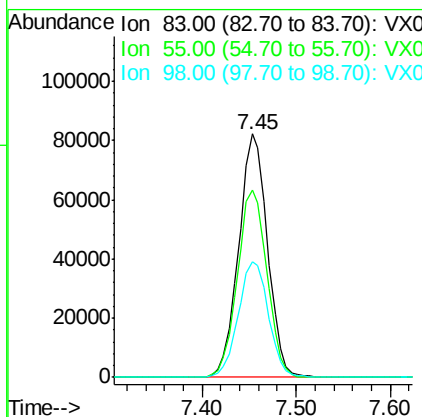
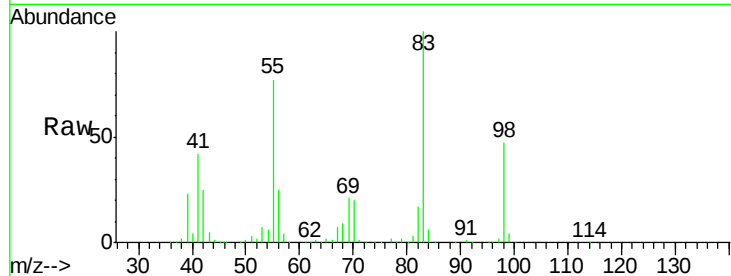
#39
Methvlcvclohexane
Concen: 47.443 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	174182		
55	77.1	64.4	96.6	
98	47.4	40.1	60.1	

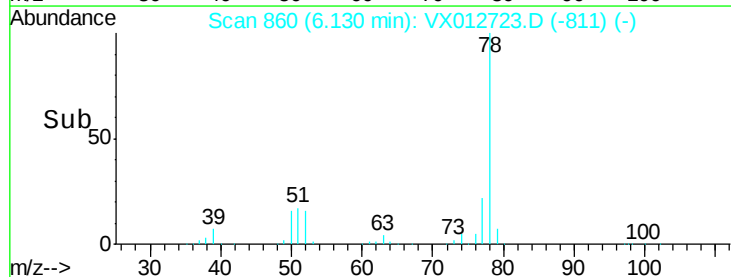
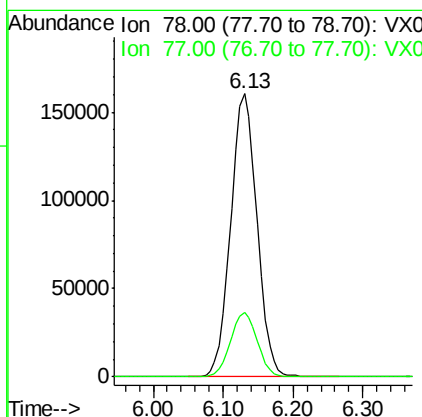
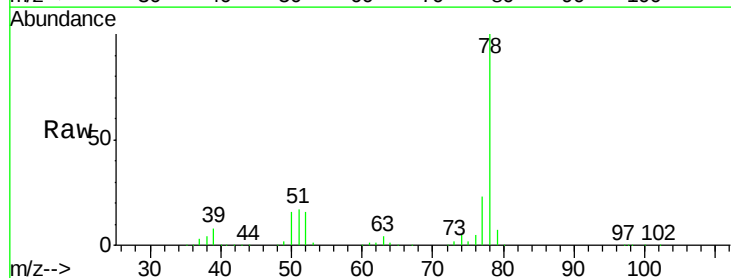
Manual Integrations
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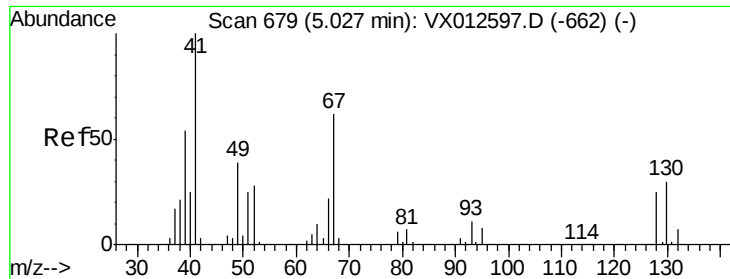
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#40
Benzene
Concen: 46.770 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	419664		
77	22.8	19.2	28.8	





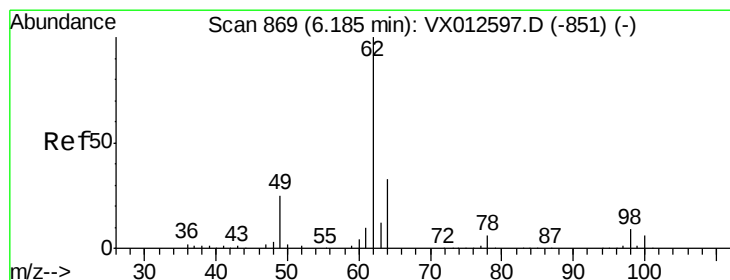
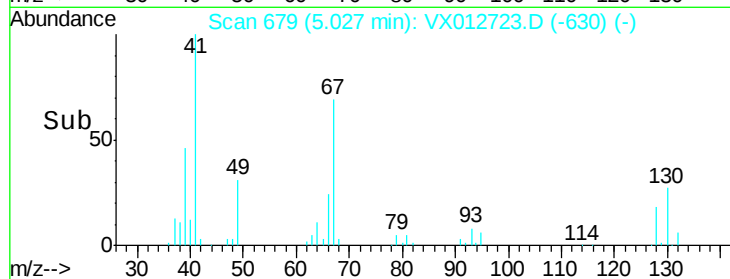
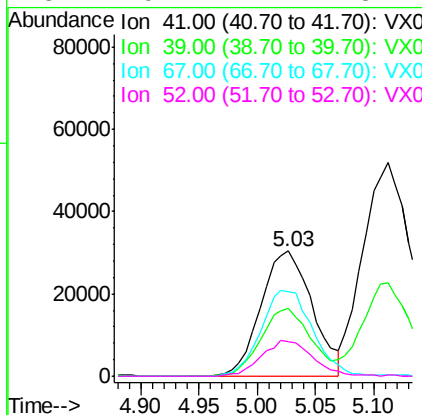
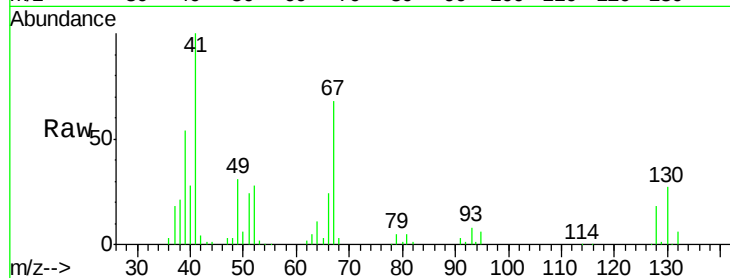
#41
Methacrylonitrile
Concen: 46.541 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		93101		
39	52.2	46.0	69.0		
67	69.6	52.2	78.2		
52	29.1	22.7	34.1		

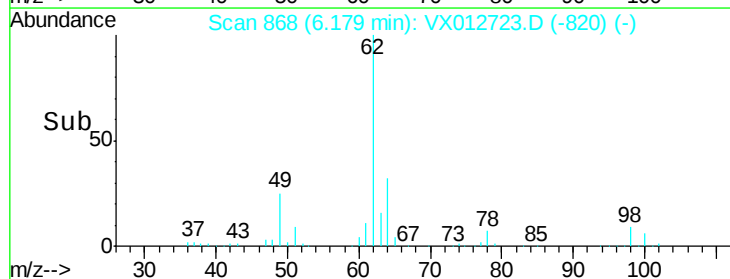
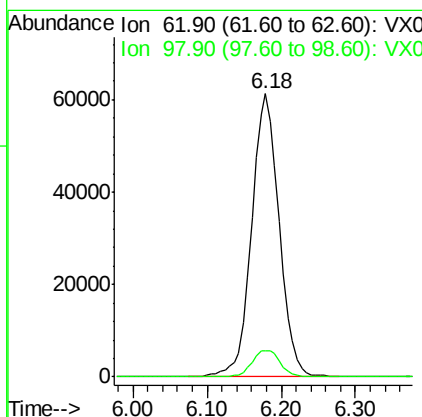
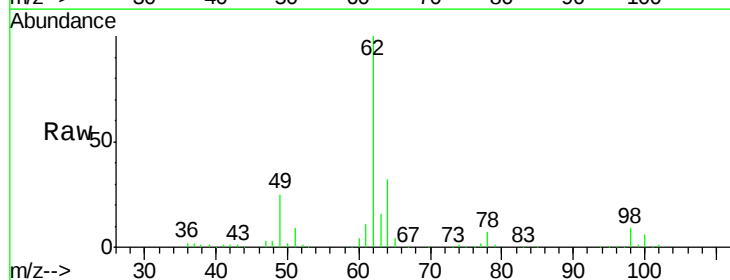
Manual Integrations
APPROVED

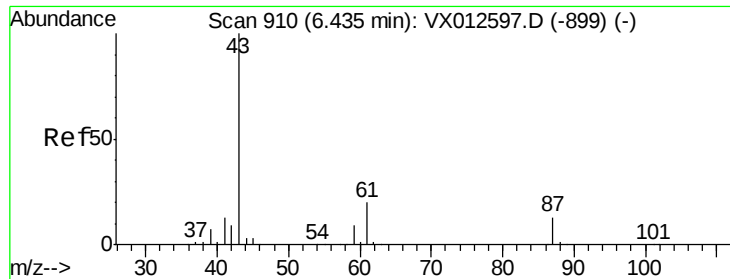
MMDadoda
10/2/2019 10:07:17 AM



#42
1,2-Dichloroethane
Concen: 46.654 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		158967		
98	9.5	0.0	17.8		





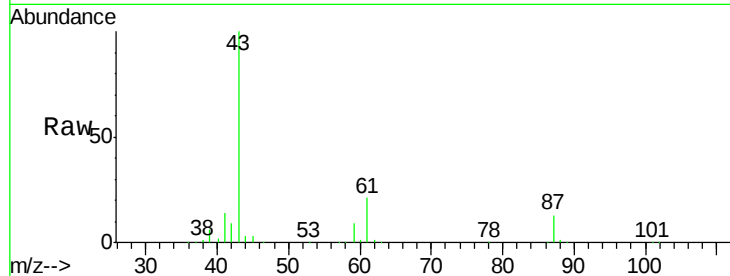
#43
Isopropyl Acetate
Concen: 45.639 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

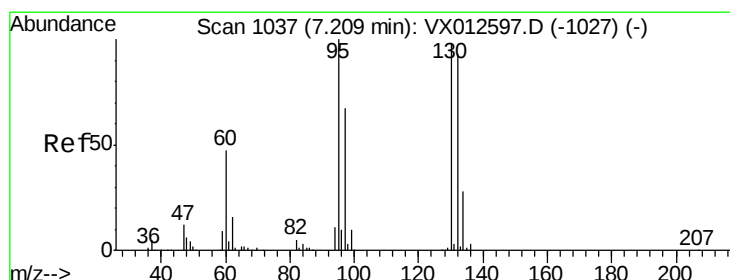
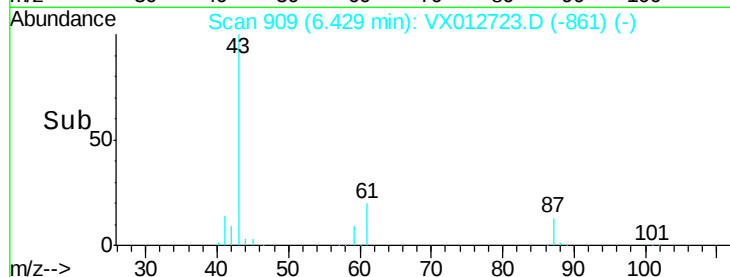
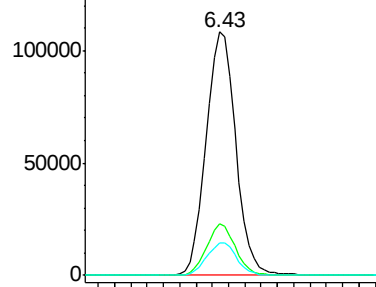
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.4	23.0
87	13.4	9.8	14.8

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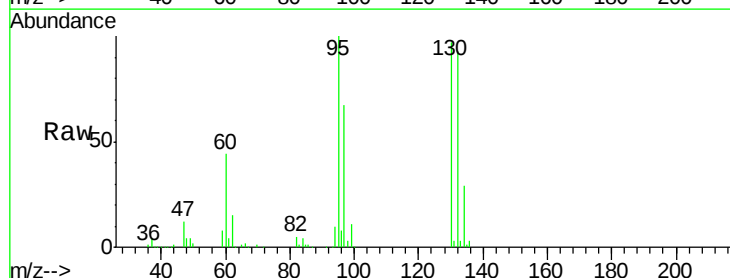


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

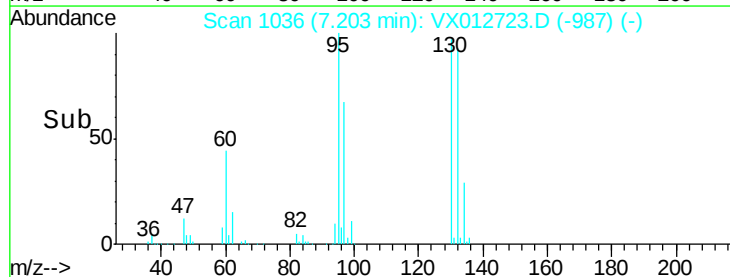
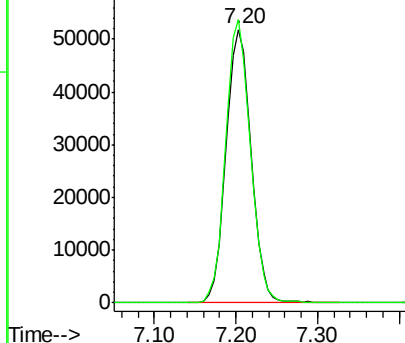


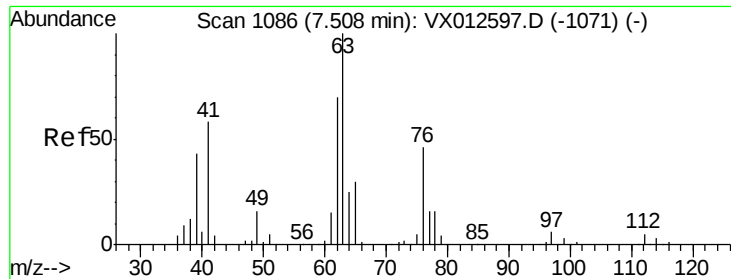
#44
Trichloroethene
Concen: 47.958 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





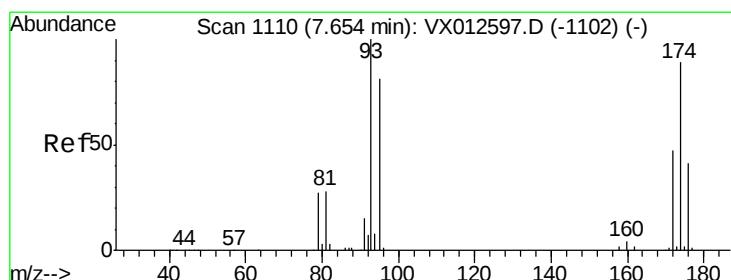
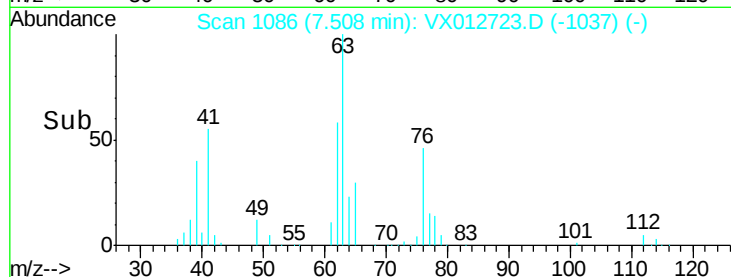
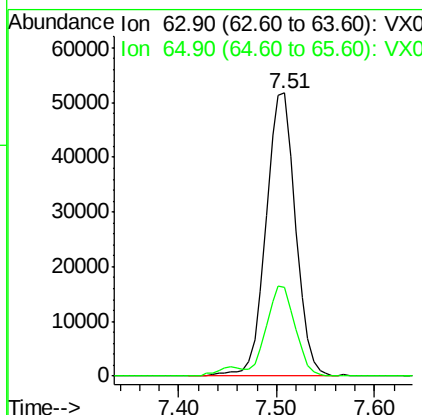
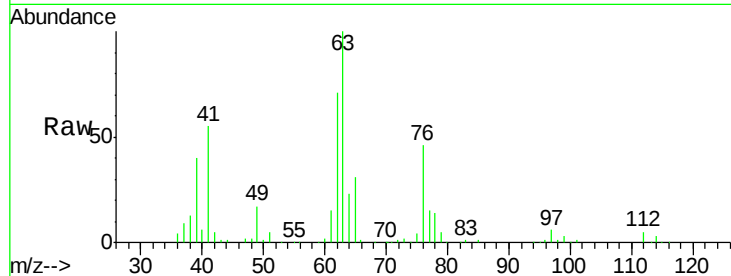
#45
 1,2-Dichloropropane
 Concen: 47.431 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 108961
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6

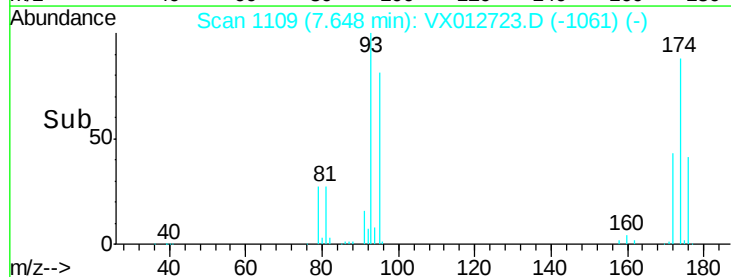
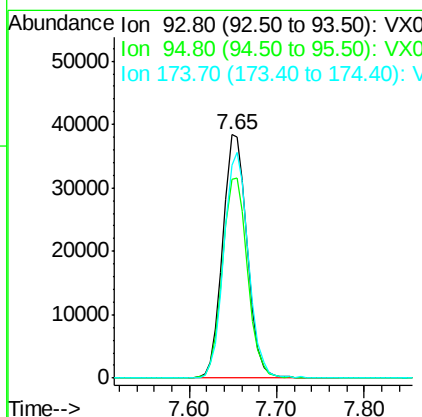
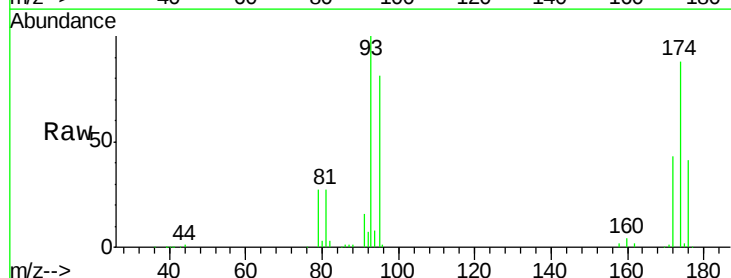
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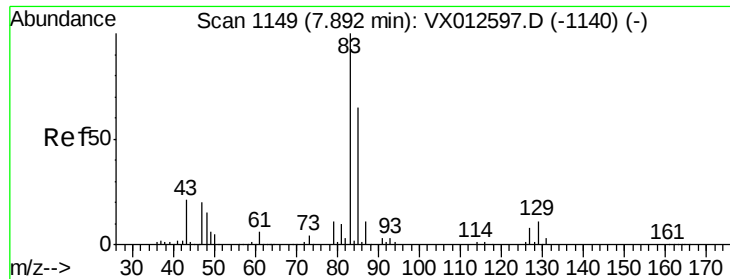
MMDadoda
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#46
 Dibromomethane
 Concen: 47.655 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion: 93 Resp: 74538
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 100.0
 174 92.3 77.4 116.0





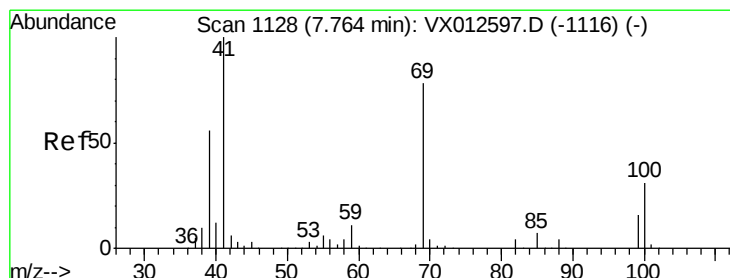
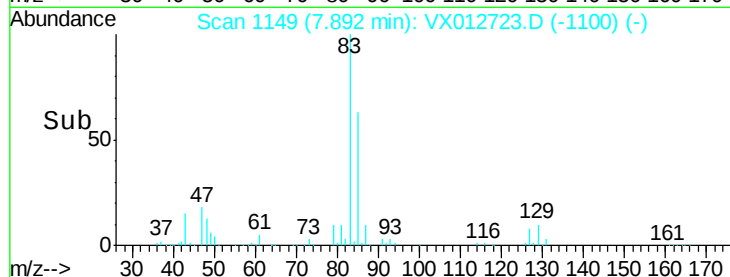
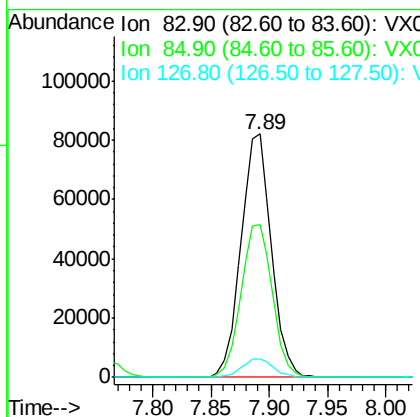
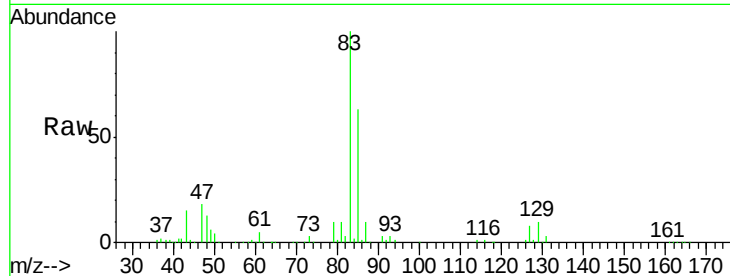
#47
Bromodichloromethane
Concen: 47.758 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	149293
Ion Ratio	100		
85	62.5	51.8	77.6
127	7.5	7.3	10.9

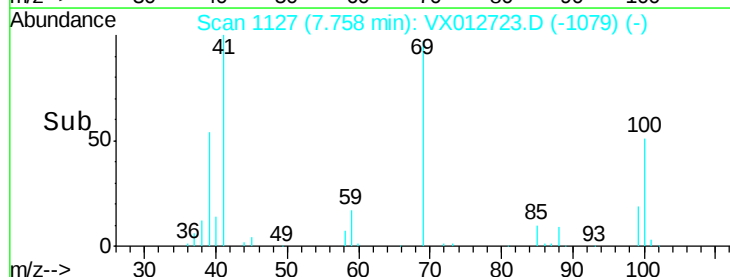
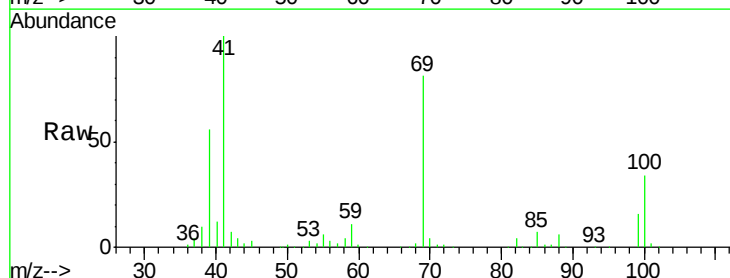
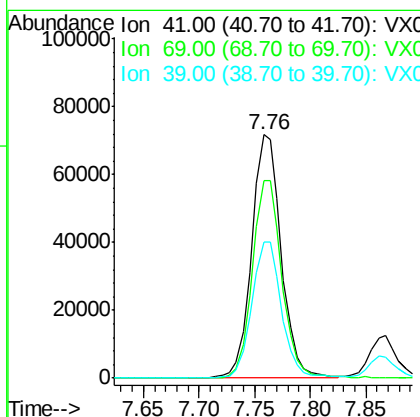
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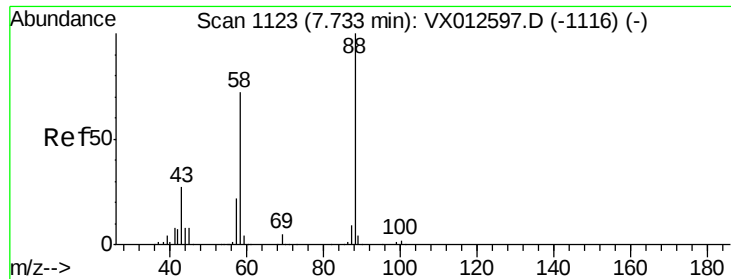
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#48
Methyl methacrylate
Concen: 46.241 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	41	Resp	132201
Ion Ratio	100		
69	81.6	59.9	89.9
39	56.6	47.8	71.6





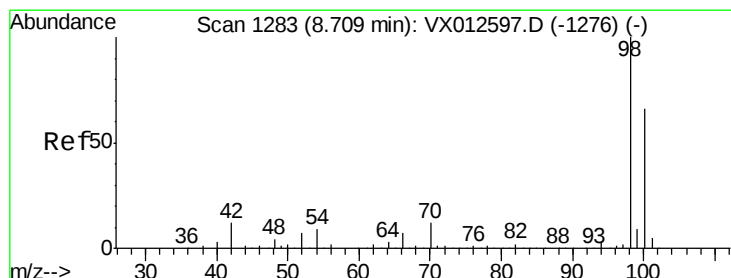
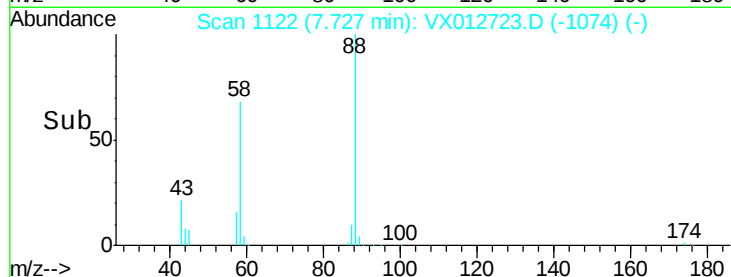
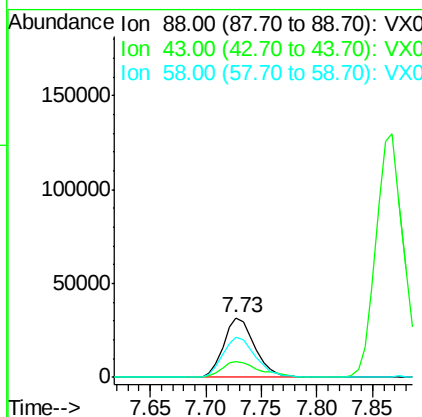
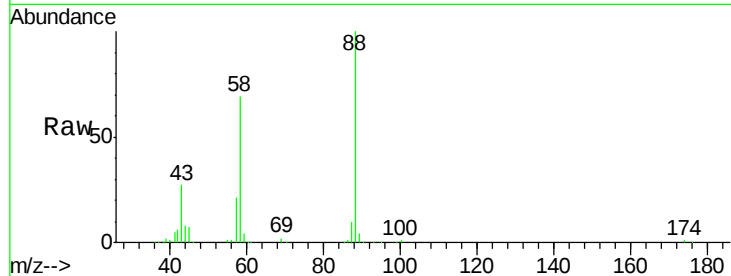
#49
1,4-Dioxane
Concen: 949.995 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	29.4	44.0
58	71.4	57.5	86.3

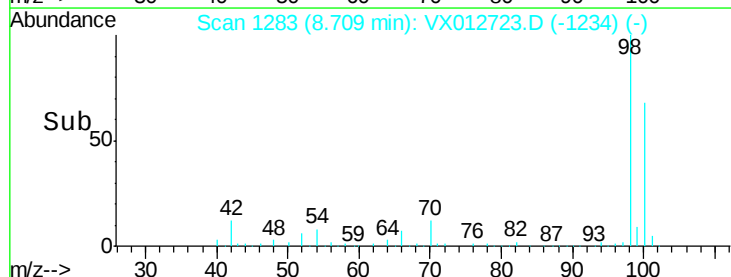
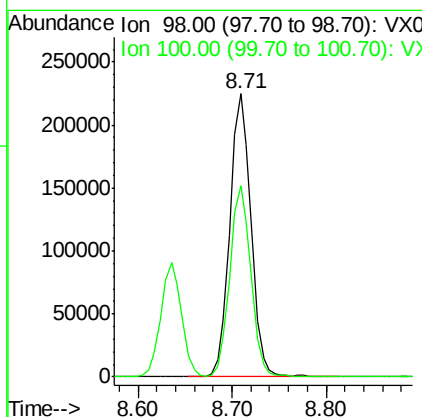
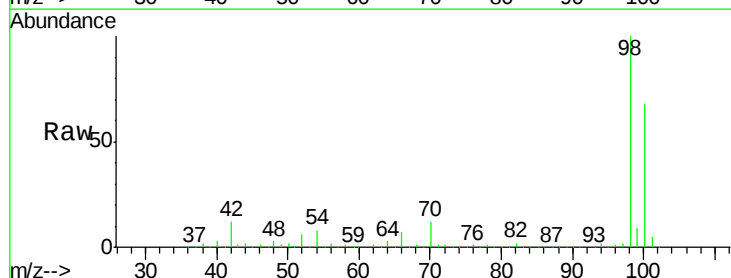
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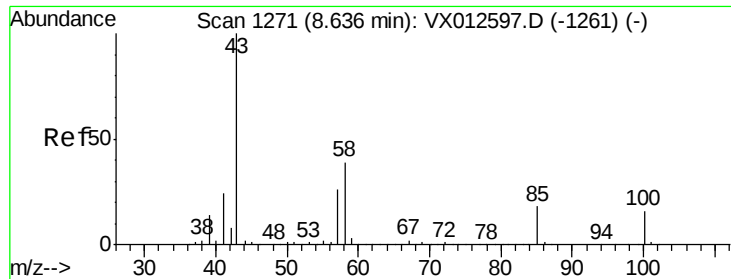
MMDadoda
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#50
Toluene-d8
Concen: 48.213 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 228.645 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 841522

Ion Ratio Lower Upper

43 100

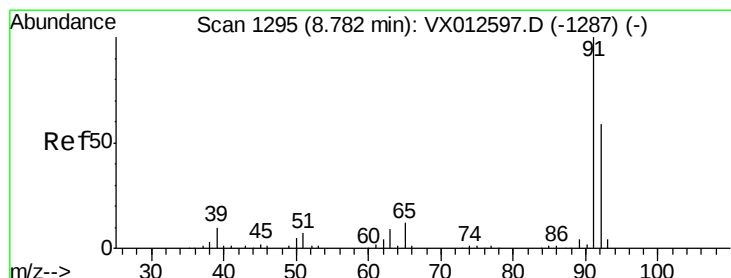
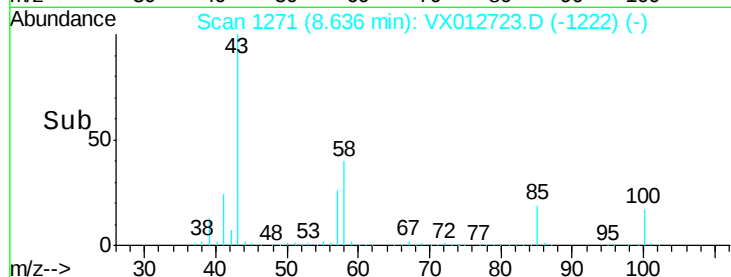
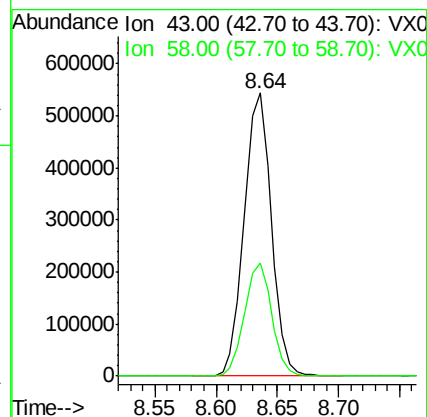
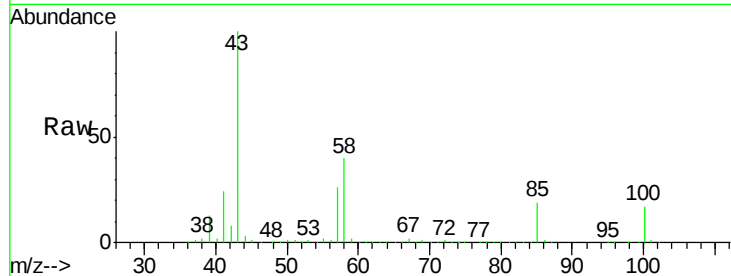
58 39.8 29.8 44.6

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#52

Toluene

Concen: 48.094 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012723.D

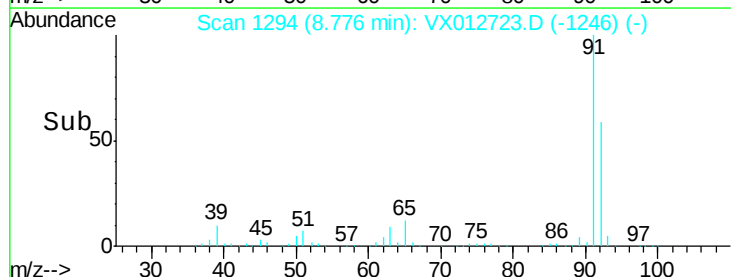
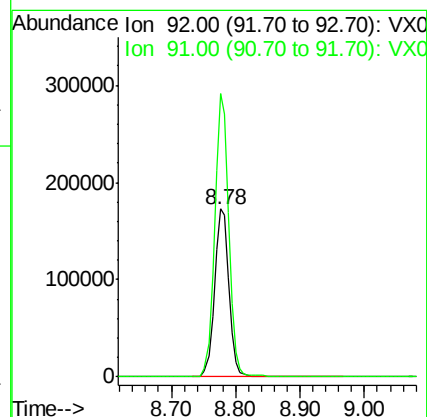
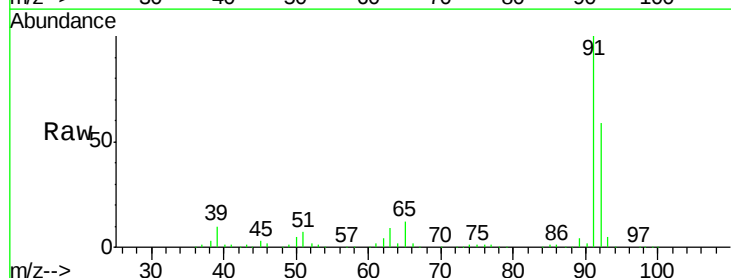
Acq: 01 Oct 2019 10:31

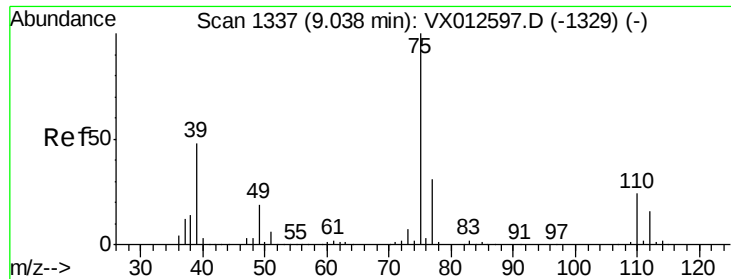
Tgt Ion: 92 Resp: 271229

Ion Ratio Lower Upper

92 100

91 164.9 135.4 203.0





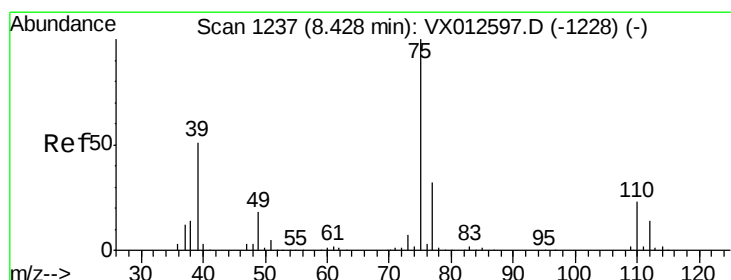
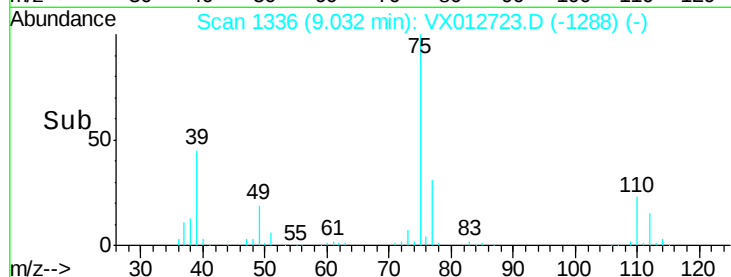
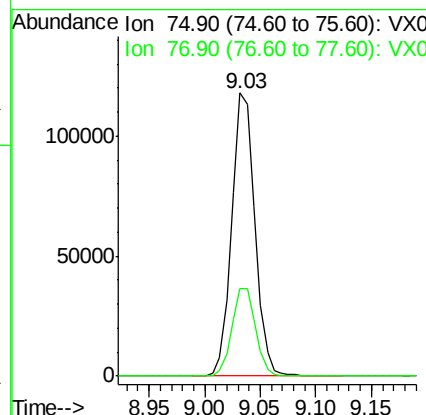
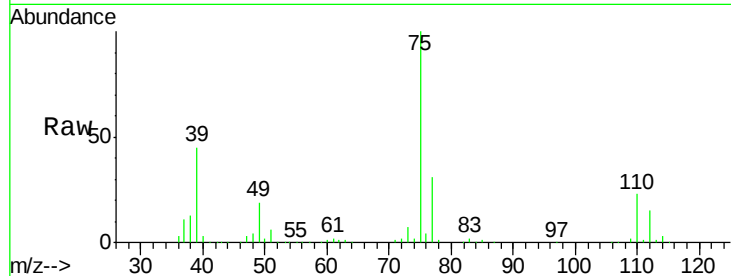
#53
t-1,3-Dichloropropene
Concen: 49.259 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 170373
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

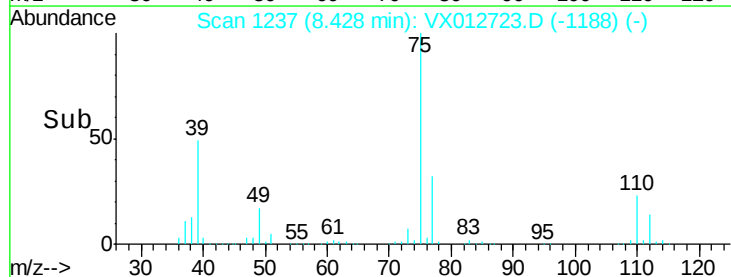
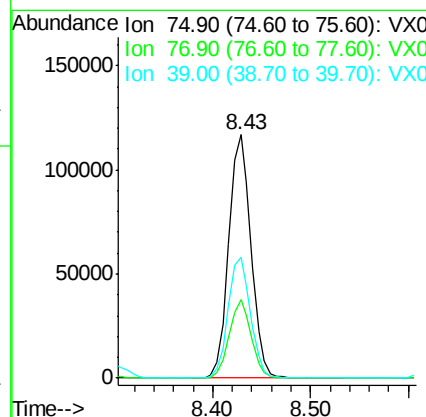
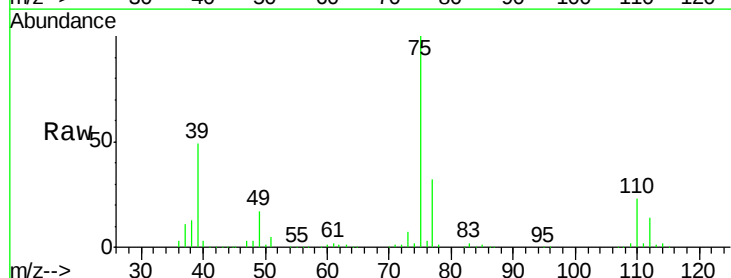
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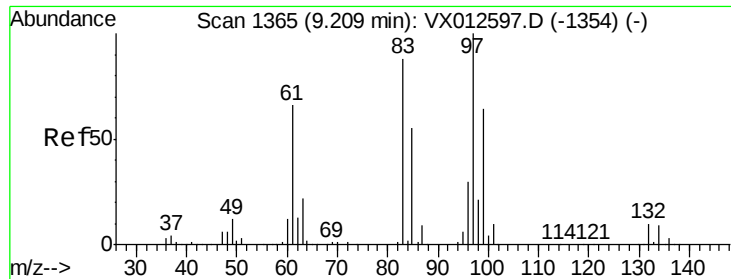
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#54
cis-1,3-Dichloropropene
Concen: 48.846 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 75 Resp: 184459
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 49.3 45.5 68.3





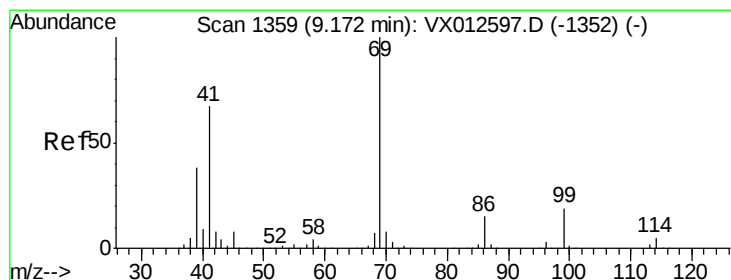
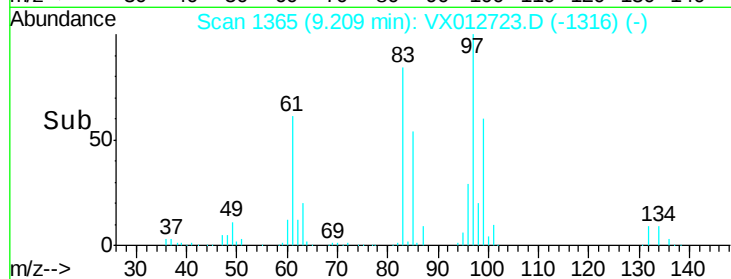
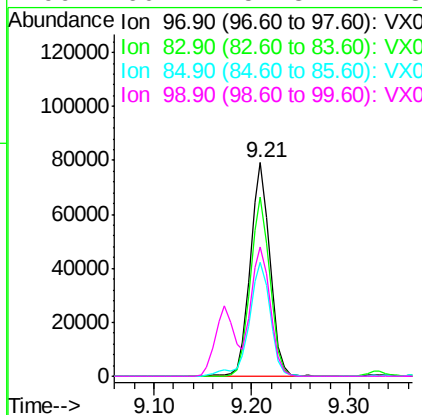
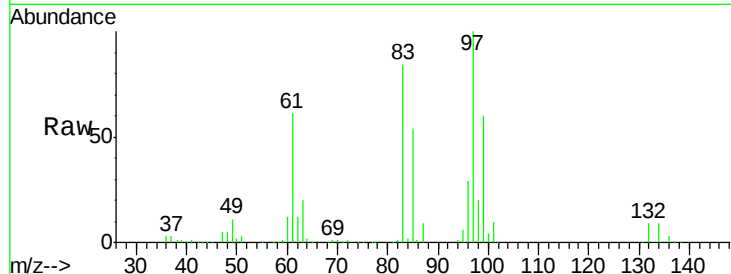
#55
 1,1,2-Trichloroethane
 Concen: 49.156 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	110213
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.2
85	53.5	43.5	65.3
99	60.4	51.8	77.8

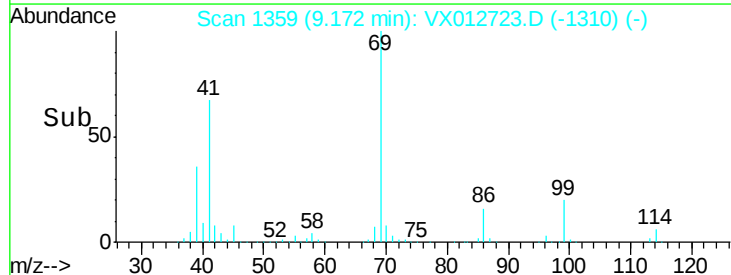
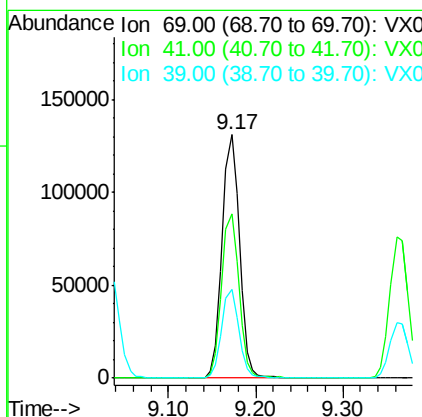
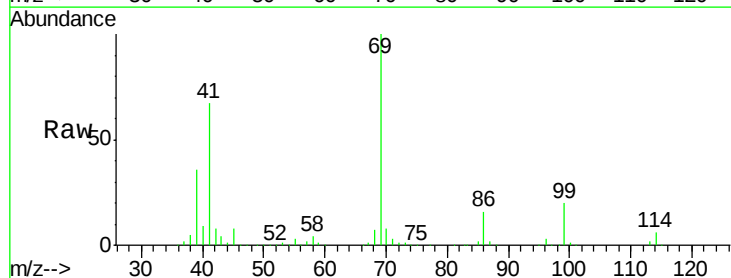
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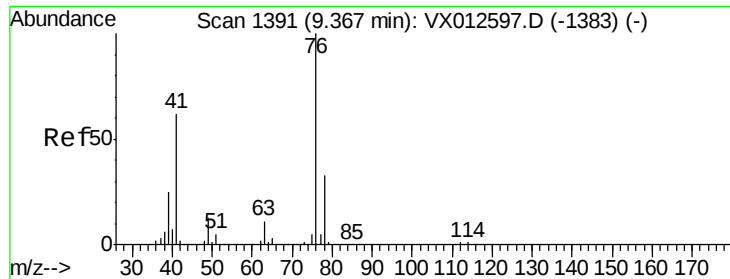
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#56
 Ethyl methacrylate
 Concen: 48.154 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion:	69	Resp:	181384
Ion	Ratio	Lower	Upper
69	100		
41	67.3	58.4	87.6
39	36.0	33.4	50.0





#57

1,3-Dichloropropane

Concen: 48.122 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 188834

Ion Ratio Lower Upper

76 100

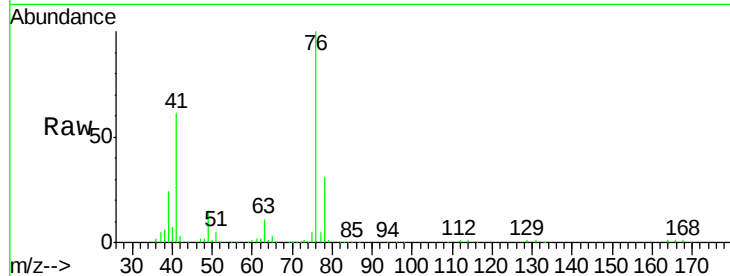
78 32.1 26.2 39.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

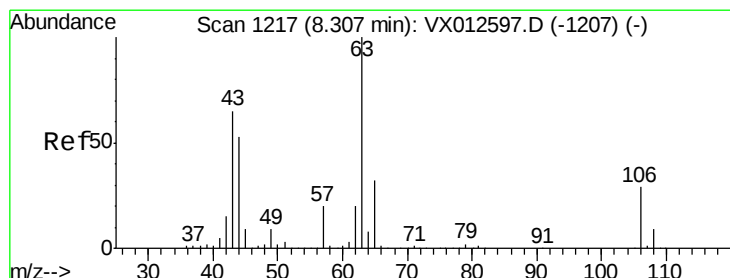
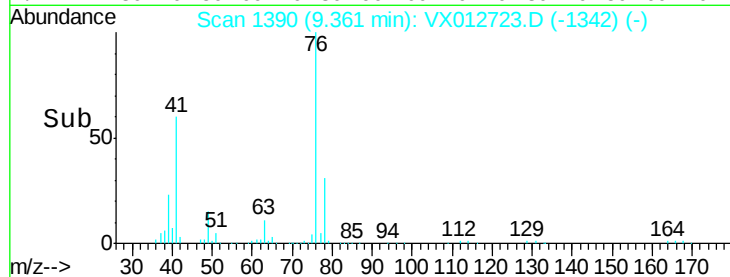
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.163 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012723.D

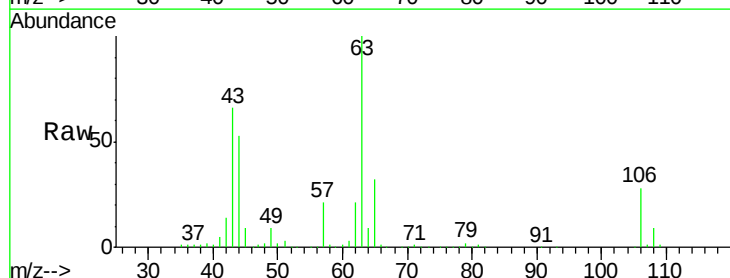
Acq: 01 Oct 2019 10:31

Tgt Ion: 63 Resp: 428049

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

300000

250000

200000

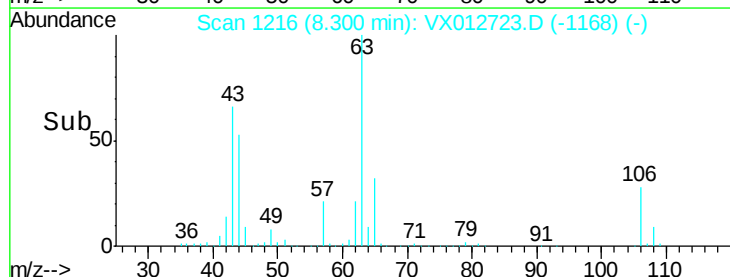
150000

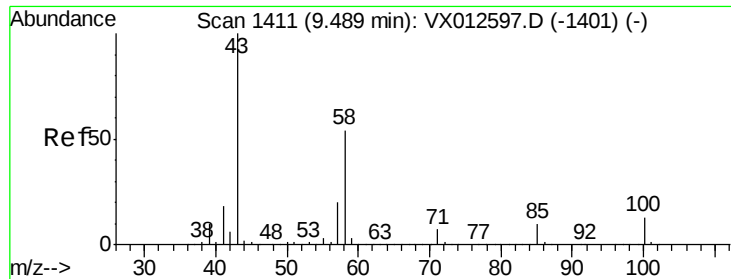
100000

50000

0

Time-->





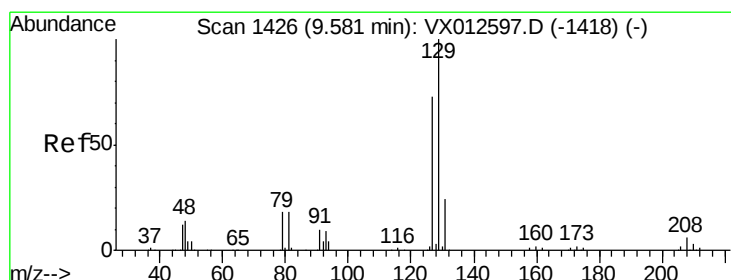
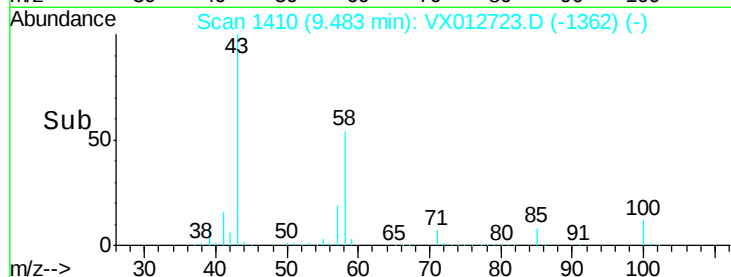
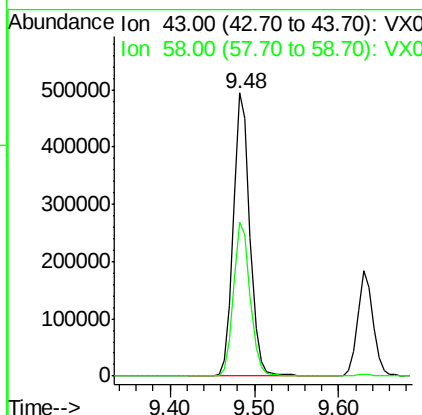
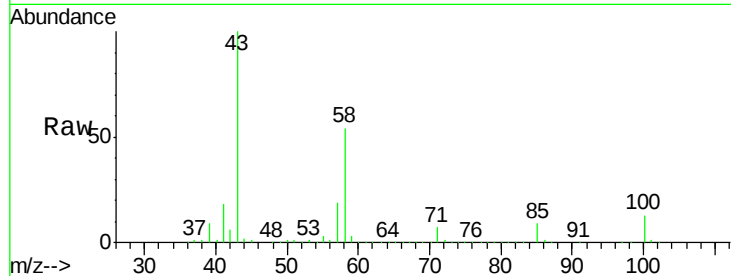
#59
2-Hexanone
Concen: 233.969 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 659132
Ion Ratio Lower Upper
43 100
58 55.1 25.7 77.1

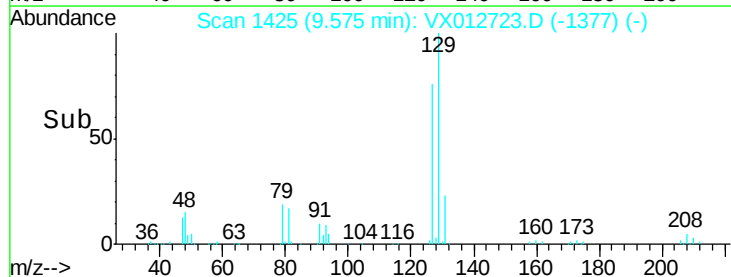
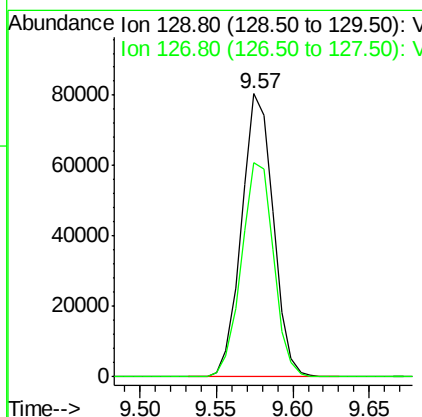
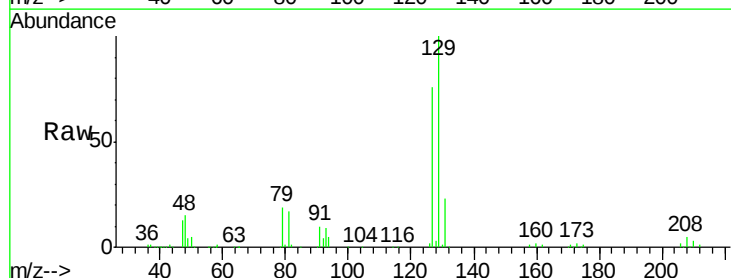
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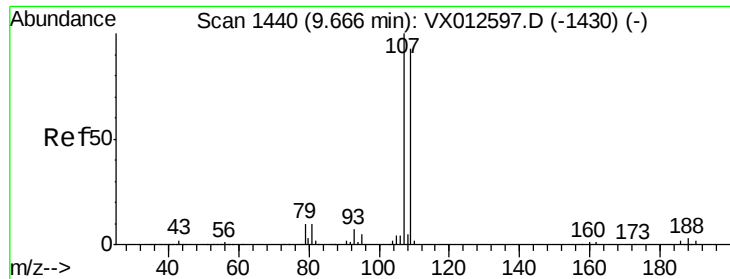
MMDadoda
10/2/2019 10:07:17 AM



#60
Dibromochloromethane
Concen: 51.073 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 129 Resp: 115919
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.809 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 116226

Ion Ratio Lower Upper

107 100

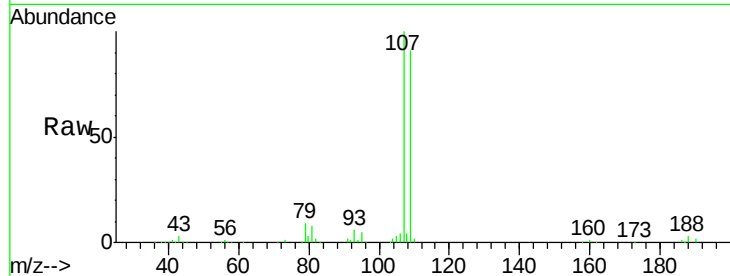
109 93.5 74.7 112.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

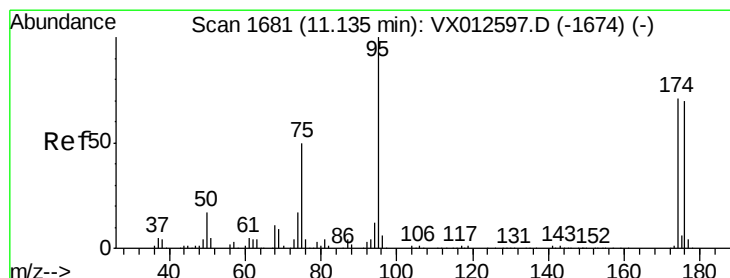
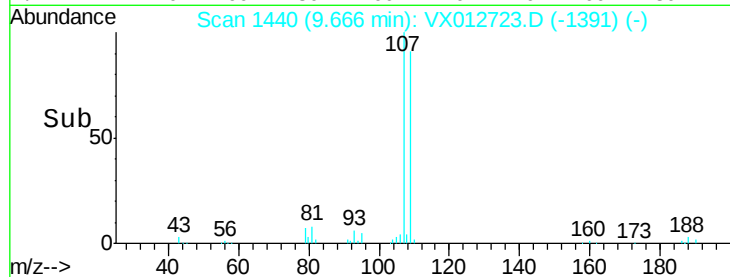
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.469 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

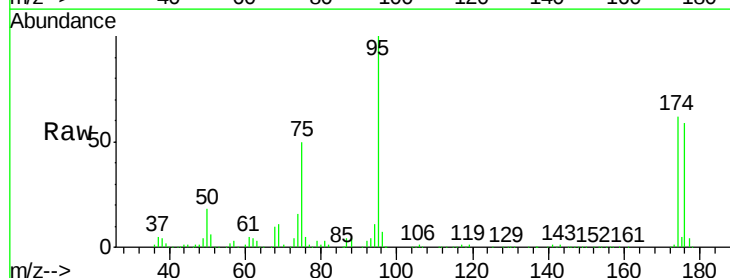
Tgt Ion: 95 Resp: 141144

Ion Ratio Lower Upper

95 100

174 69.2 0.0 140.0

176 66.1 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

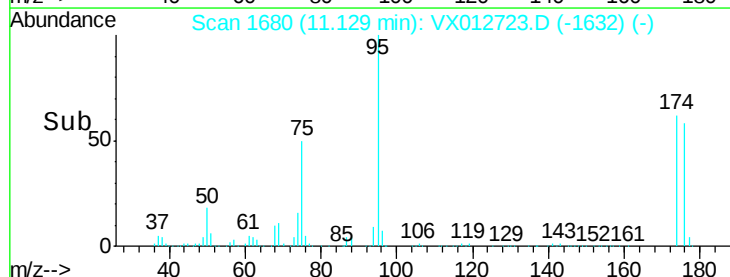
11.13

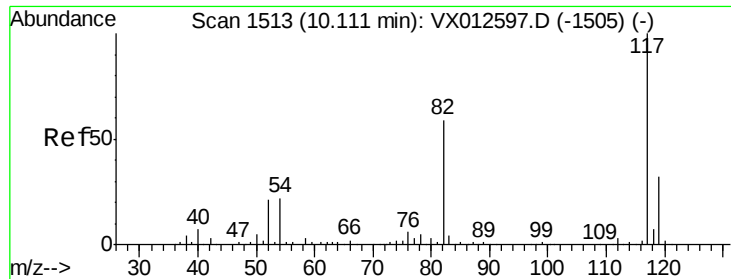
100000

50000

0

Time-->





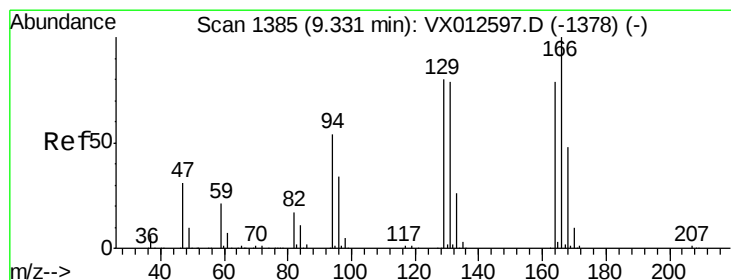
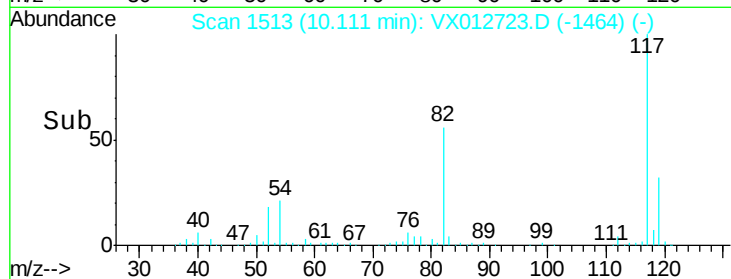
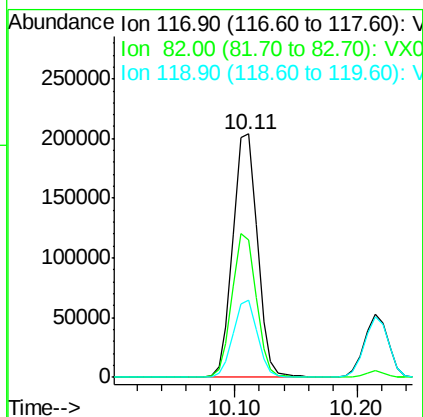
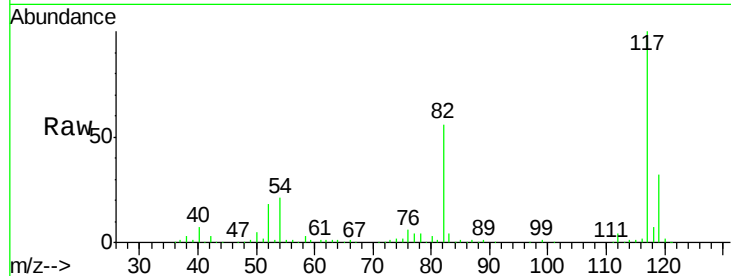
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.9	68.9
119	31.9	25.3	37.9

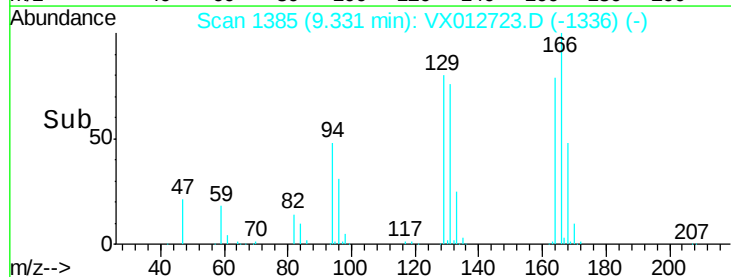
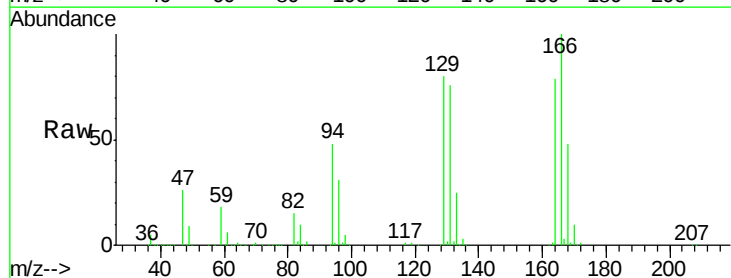
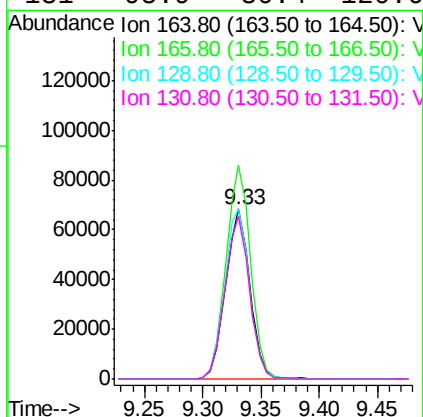
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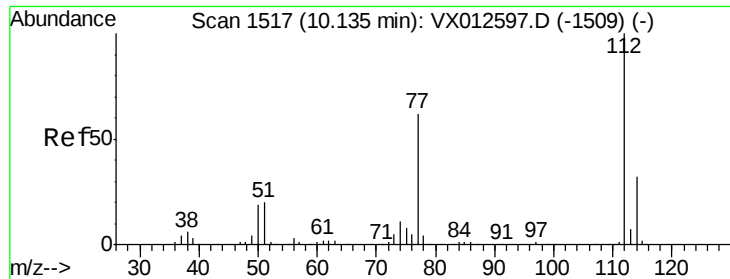
MMDadoda
10/2/2019 10:07:17 AM



#64
Tetrachloroethene
Concen: 49.860 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	107.8	161.6
129	100.3	86.2	129.2
131	95.9	80.4	120.6





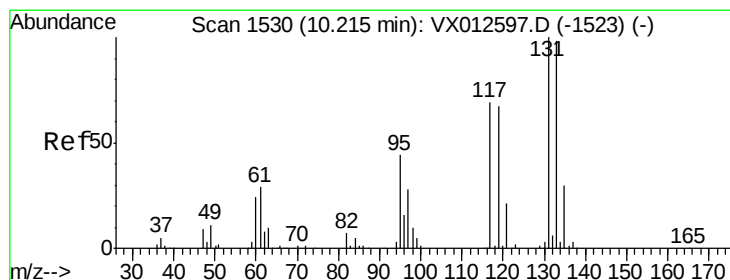
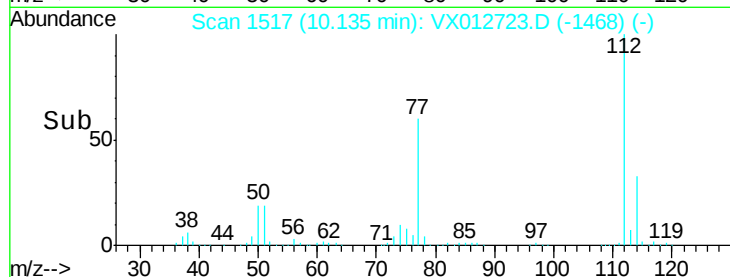
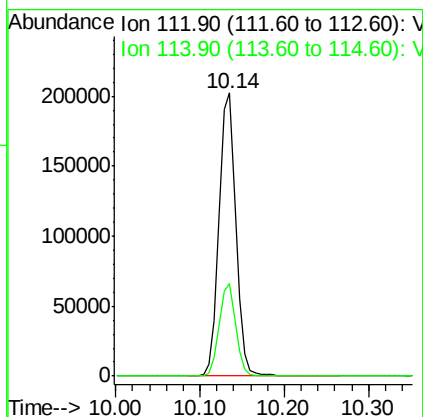
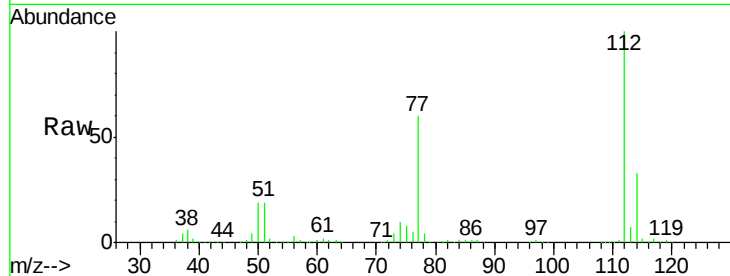
#65
Chlorobenzene
Concen: 47.384 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 282903
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0

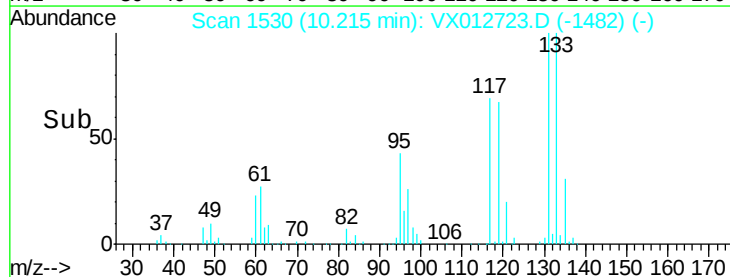
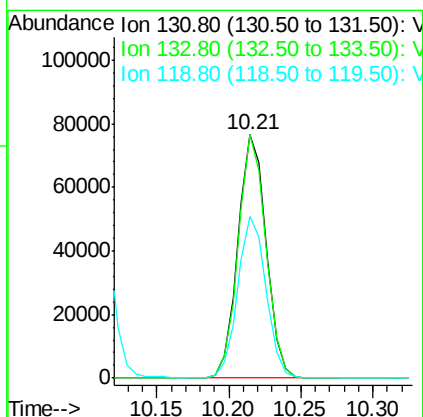
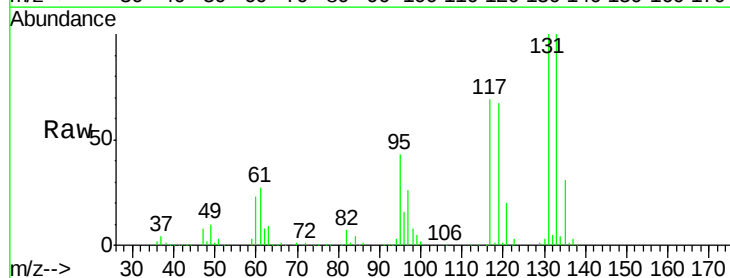
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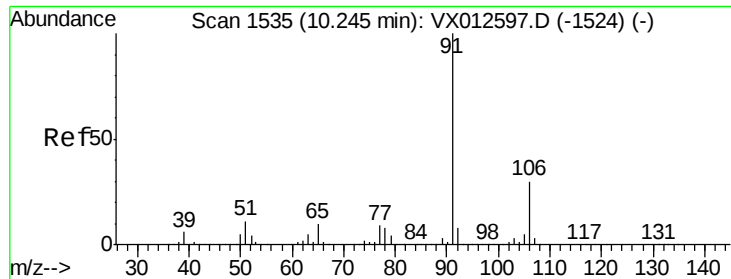
MMDadoda
10/2/2019 10:07:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.197 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion:131 Resp: 104260
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.9
119 66.6 31.3 93.8





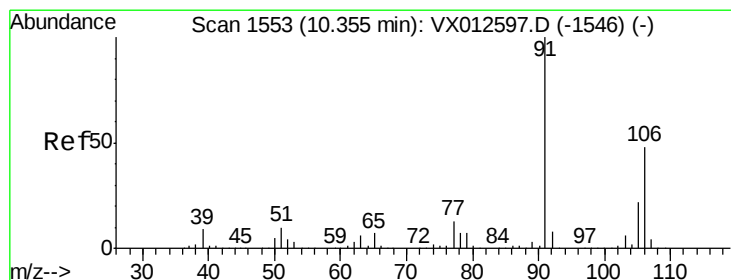
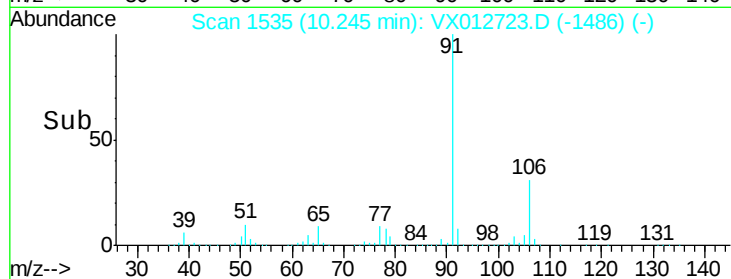
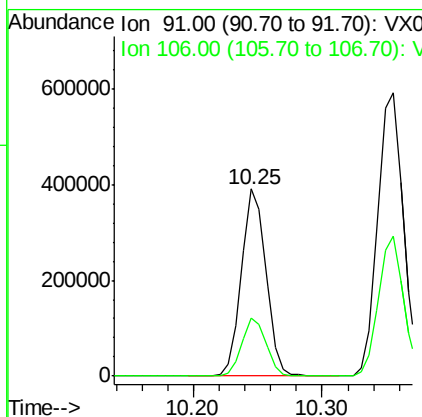
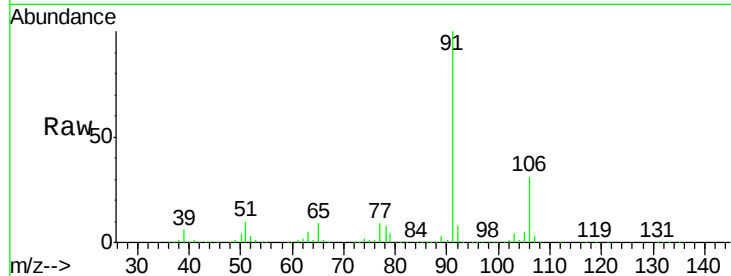
#67
Ethyl Benzene
Concen: 47.680 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 516311
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0

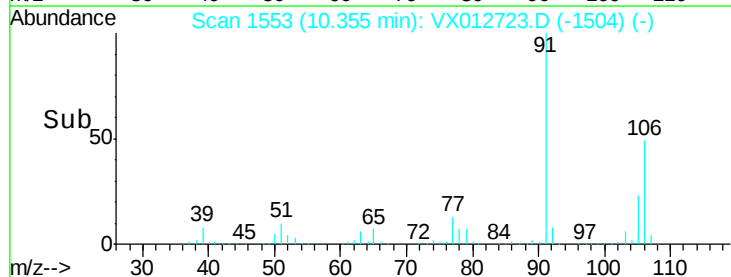
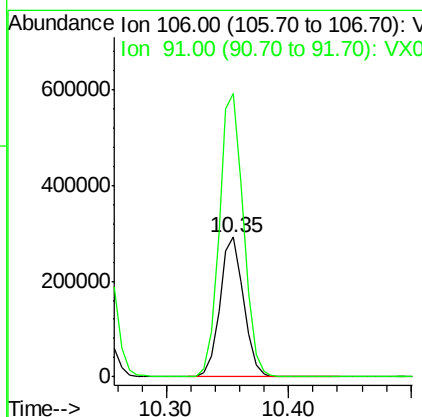
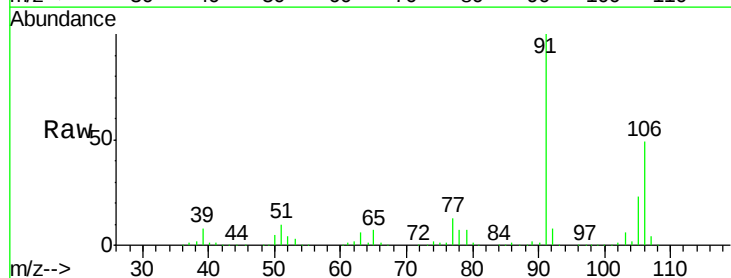
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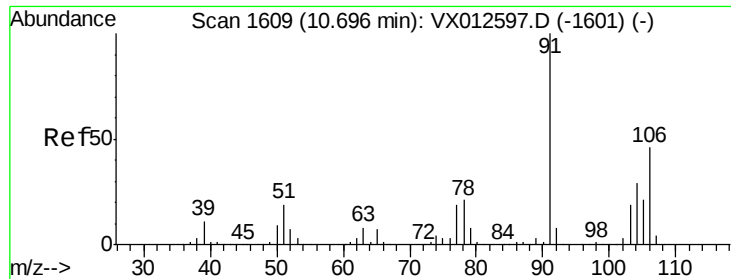
MMDadoda
10/2/2019 10:07:17 AM



#68
m/p-Xylenes
Concen: 96.571 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 106 Resp: 391735
Ion Ratio Lower Upper
106 100
91 206.9 166.6 250.0





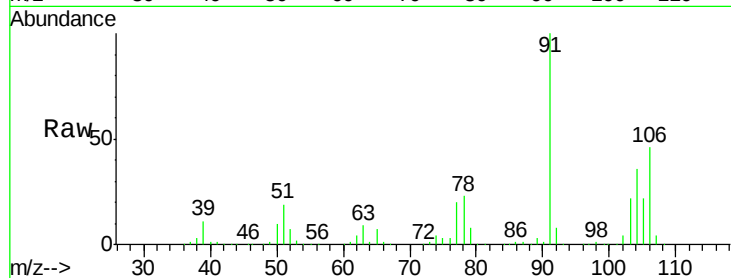
#69
o-Xylene
Concen: 47.680 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

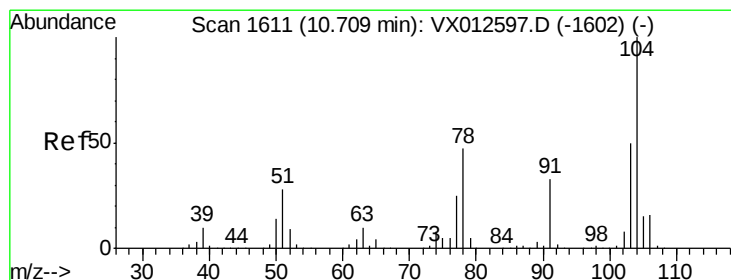
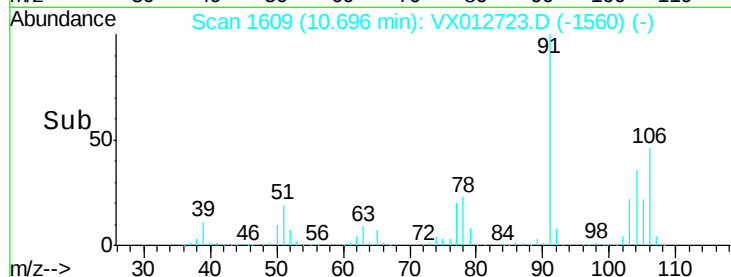
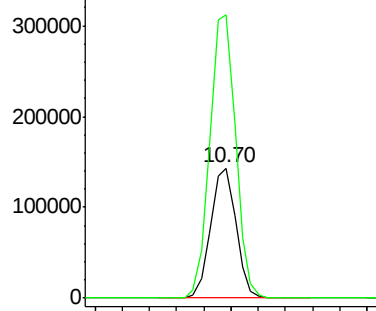
Tot Ion:106 Resp: 187151
Ion Ratio Lower Upper
106 100
91 220.6 109.4 328.2

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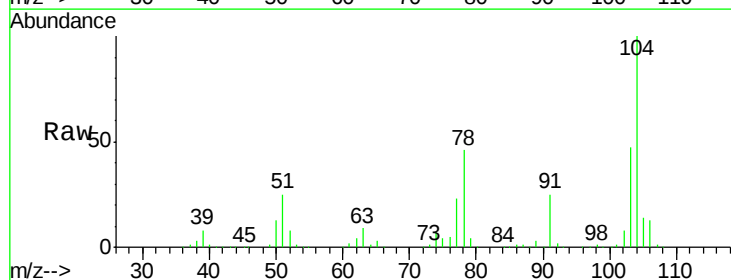


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

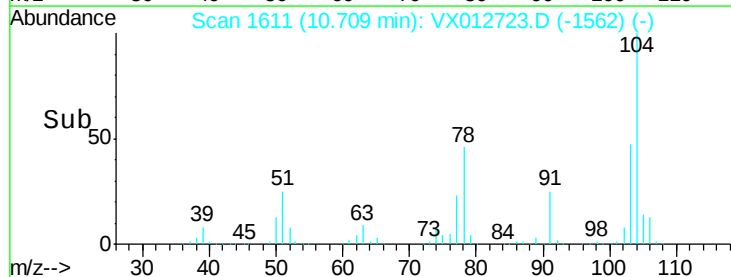
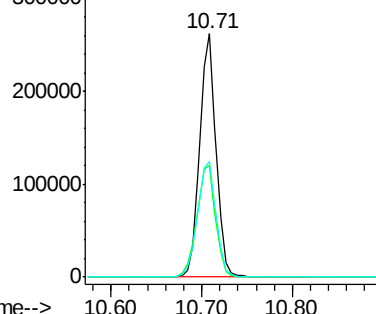


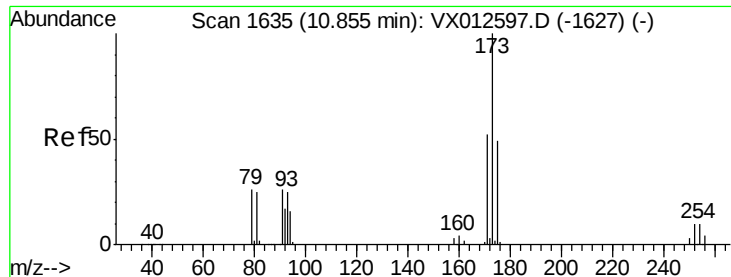
#70
Styrene
Concen: 49.816 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion:104 Resp: 327793
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 53.7 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.426 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 77461

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

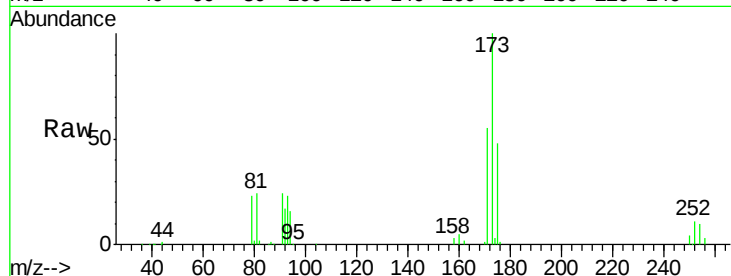
254 0.1 0.1 0.1#

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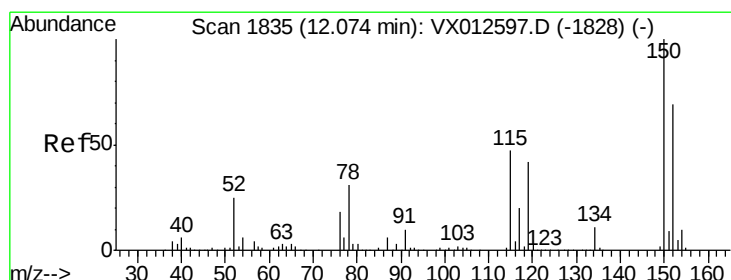
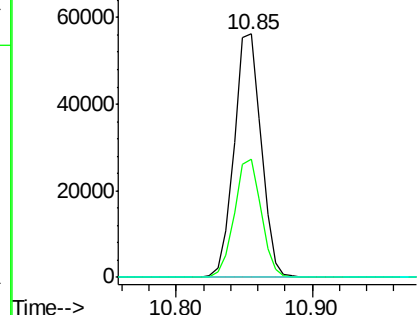
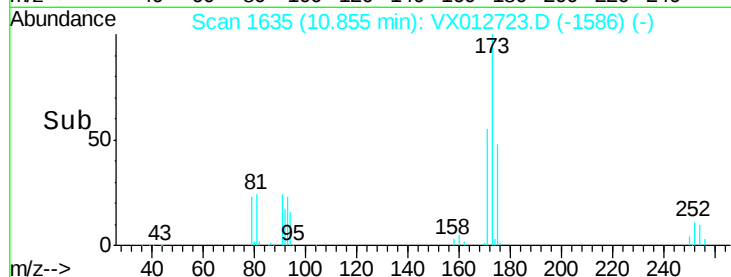
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

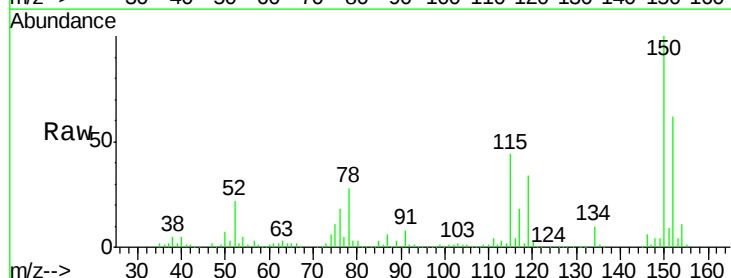
Tgt Ion:152 Resp: 134308

Ion Ratio Lower Upper

152 100

115 90.7 44.1 132.3

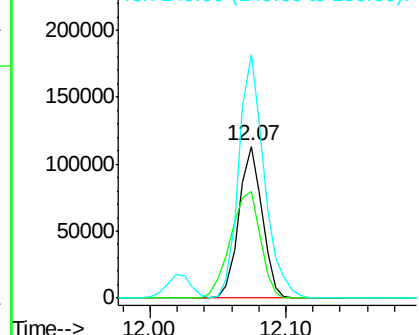
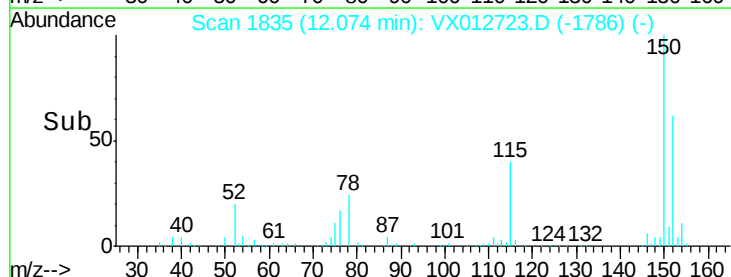
150 176.2 0.0 343.8

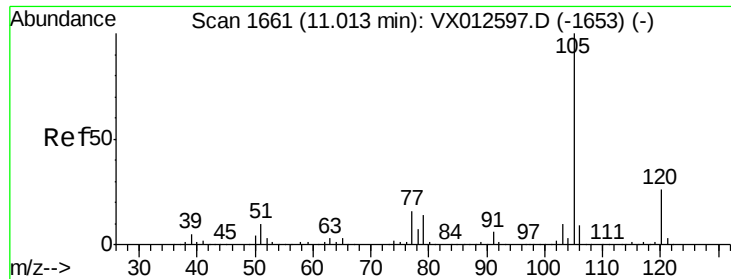


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.568 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 509405

Ion Ratio Lower Upper

105 100

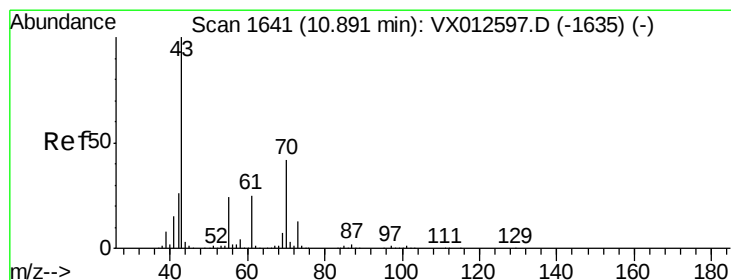
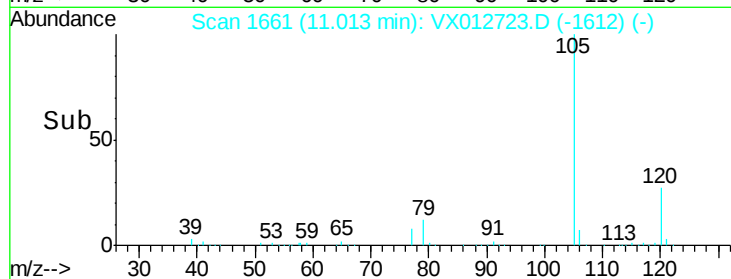
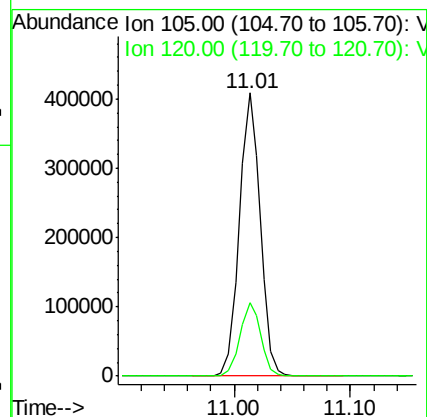
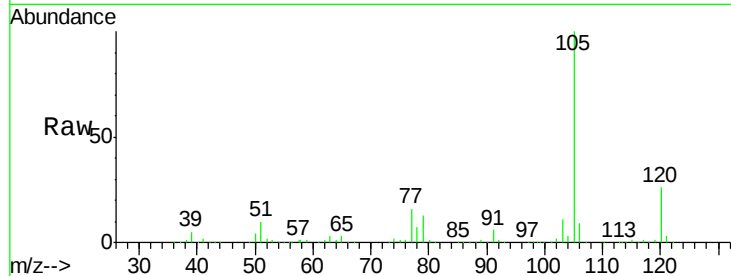
120 26.0 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 45.725 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Tgt Ion: 43 Resp: 238621

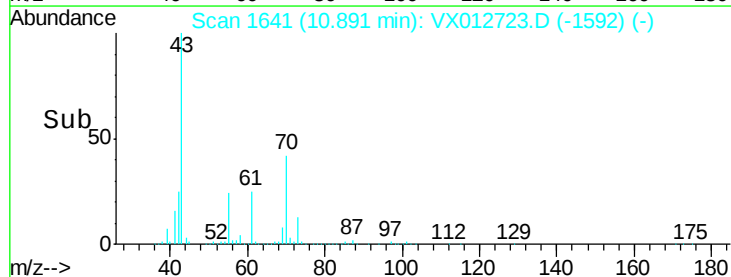
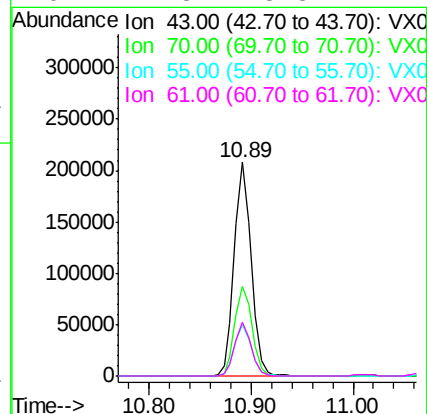
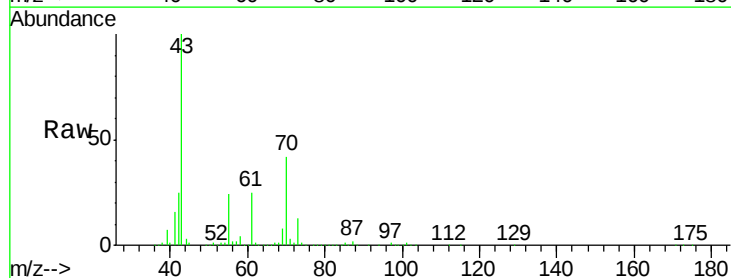
Ion Ratio Lower Upper

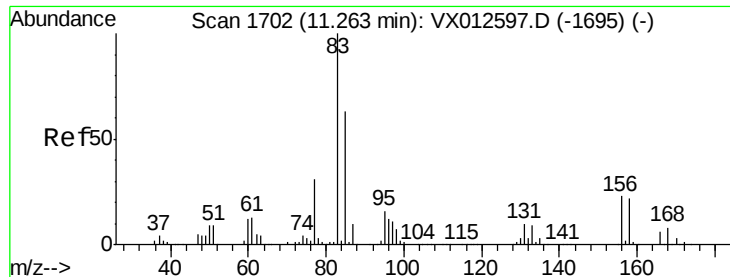
43 100

70 43.0 32.4 48.6

55 24.2 18.2 27.4

61 24.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.742 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

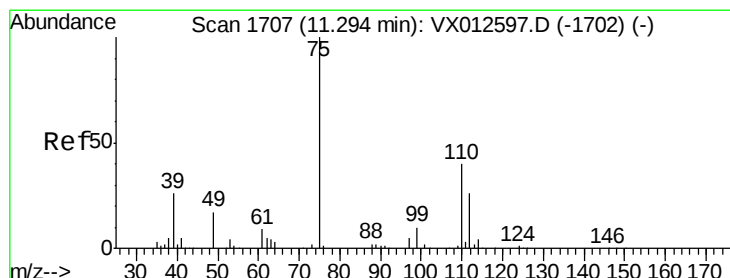
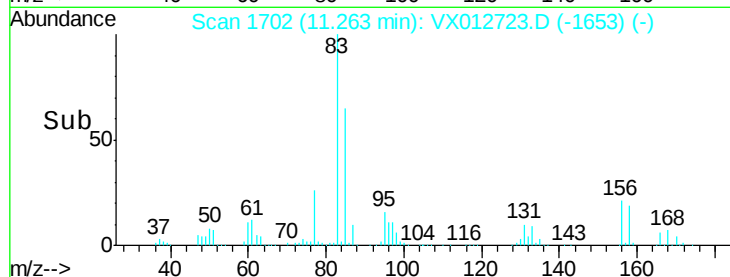
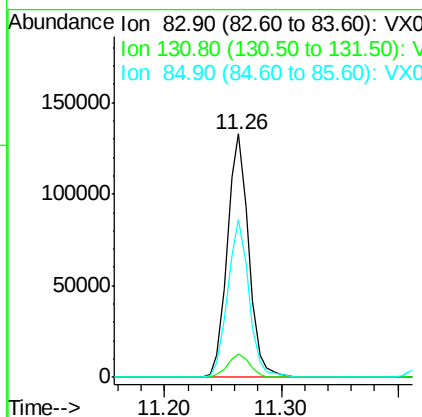
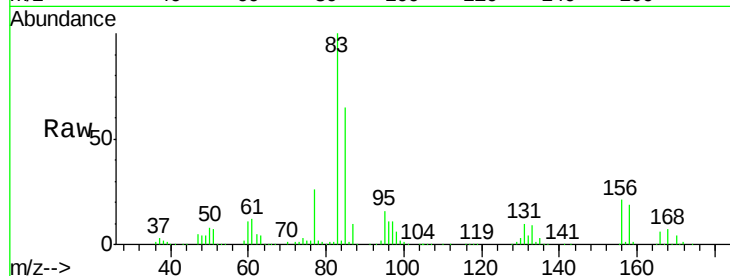
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	169339
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.2	15.6
85	64.7	32.0	96.0

Manual Integrations
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10/2/2019 10:07:17 AM



#76

1,2,3-Trichloropropane

Concen: 46.722 ug/l m

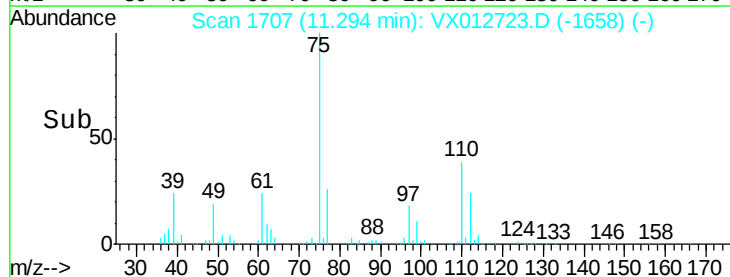
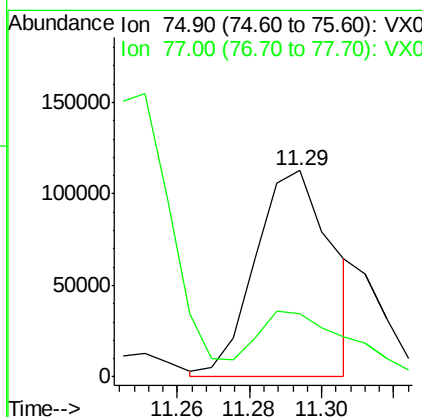
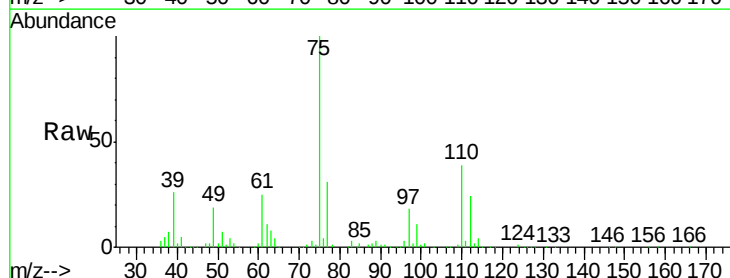
RT: 11.29 min Scan# 1707

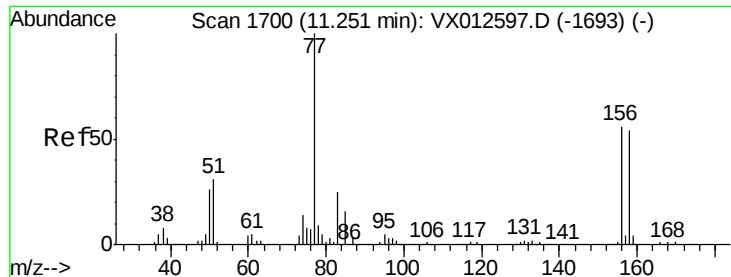
Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Tgt Ion:	75	Resp:	165994
Ion Ratio	Lower	Upper	
75	100		
77	37.9	19.7	59.0





#77

Bromobenzene

Concen: 47.197 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

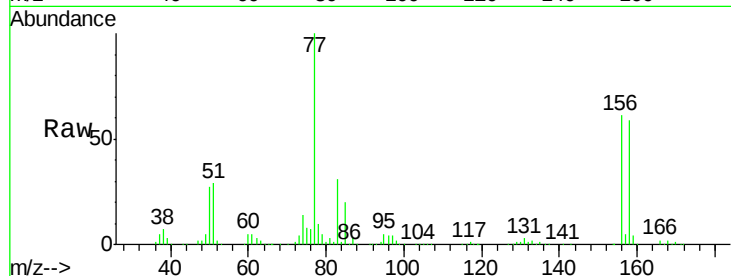
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.4	87.3	261.8
158	95.7	48.5	145.6

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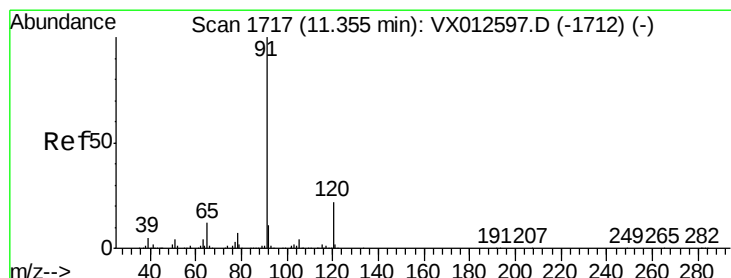
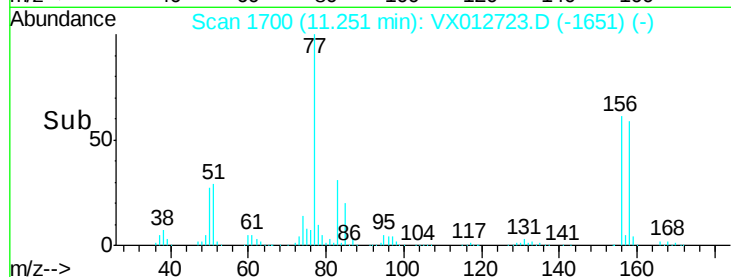
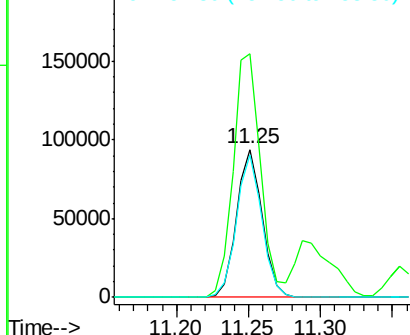


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.133 ug/l

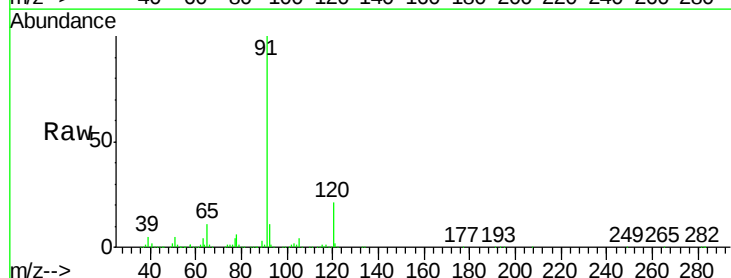
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

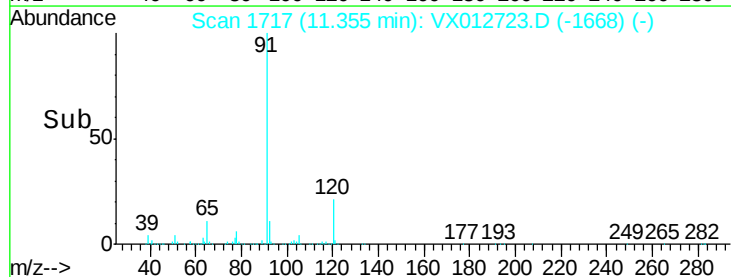
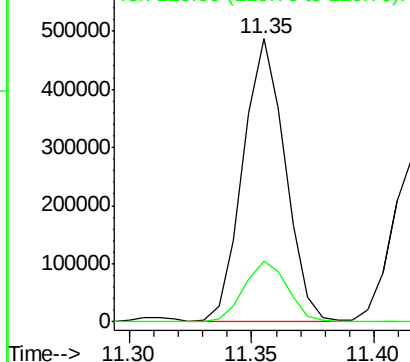
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8

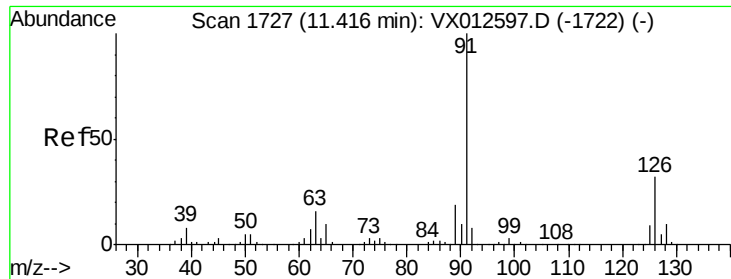


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





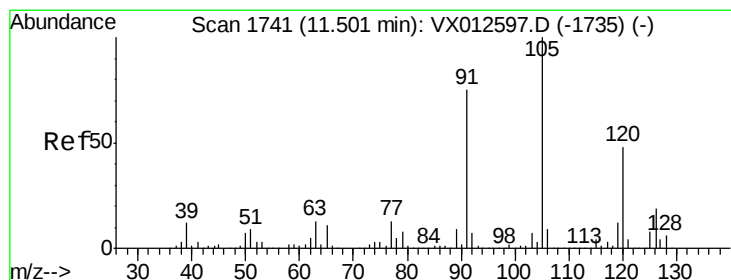
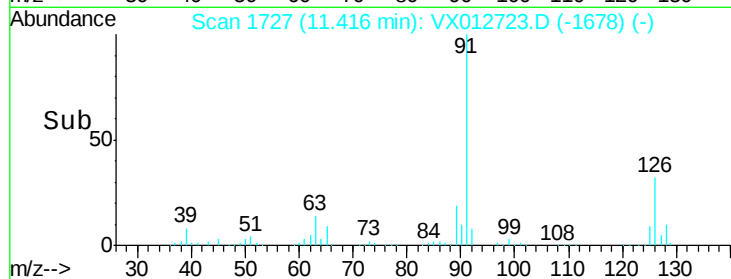
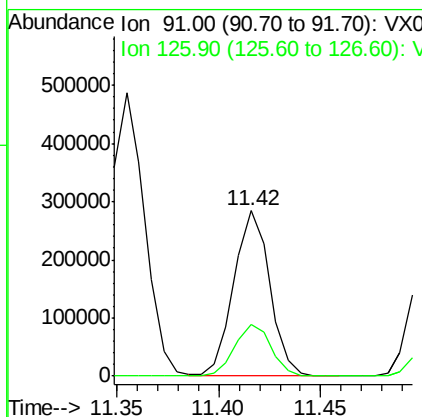
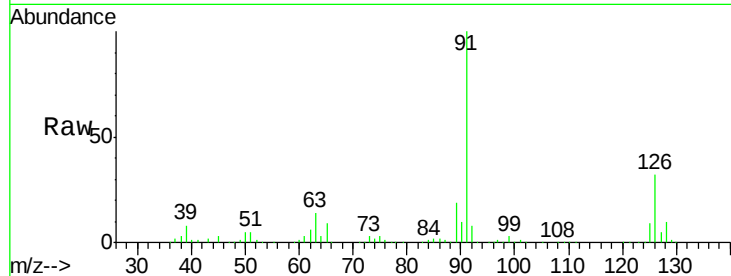
#79
 2-Chlorotoluene
 Concen: 45.195 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 347212
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.4

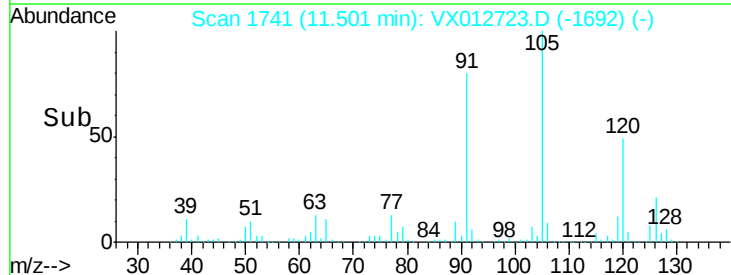
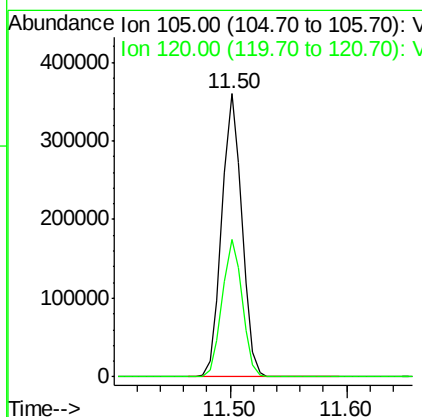
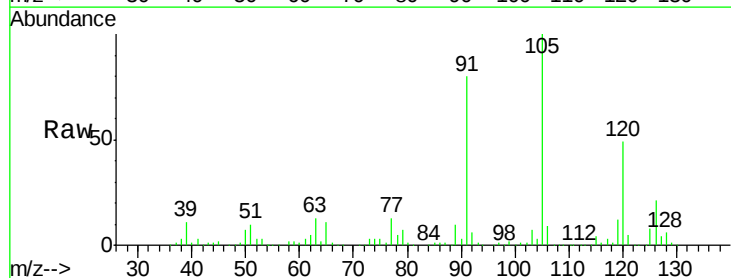
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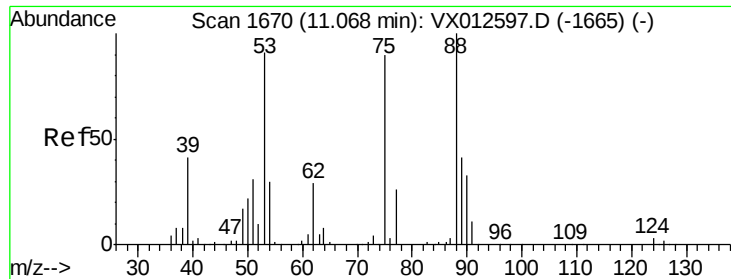
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.639 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion: 105 Resp: 427831
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8





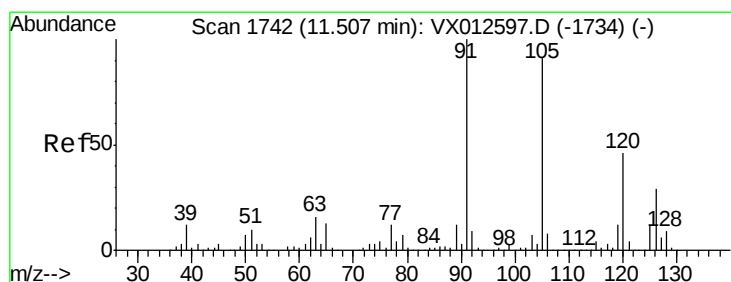
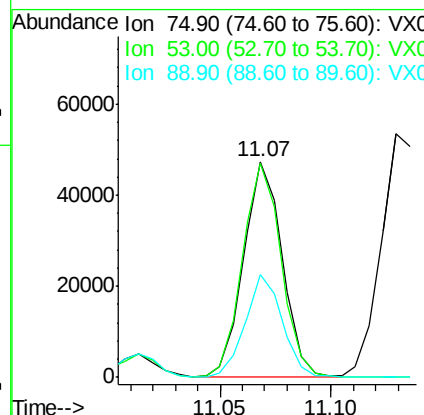
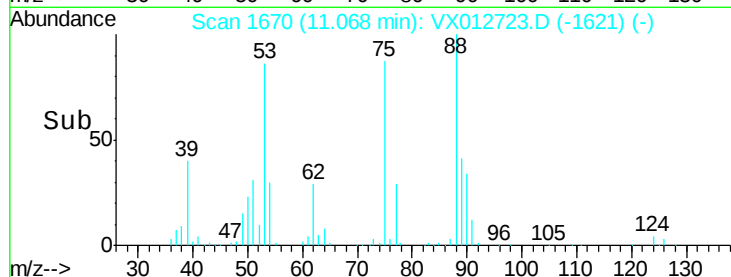
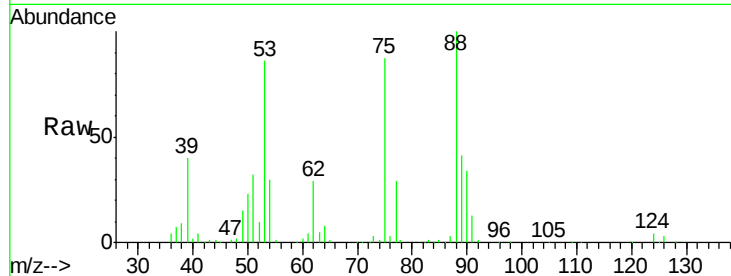
#81
trans-1,4-Dichloro-2-butene
Concen: 46.209 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.2	83.6	125.4
89	46.0	36.3	54.5

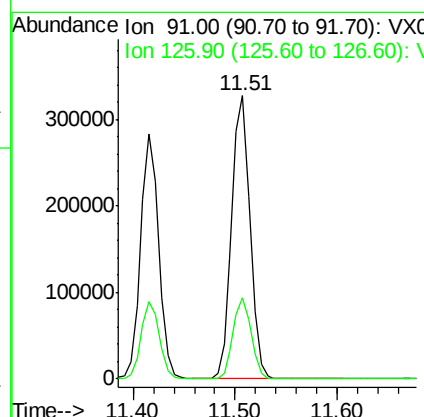
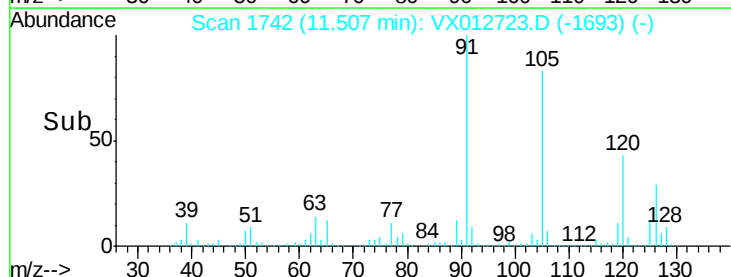
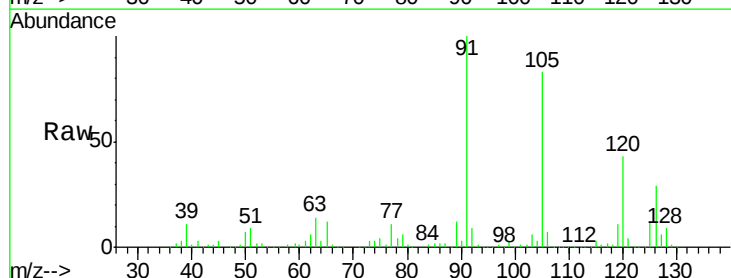
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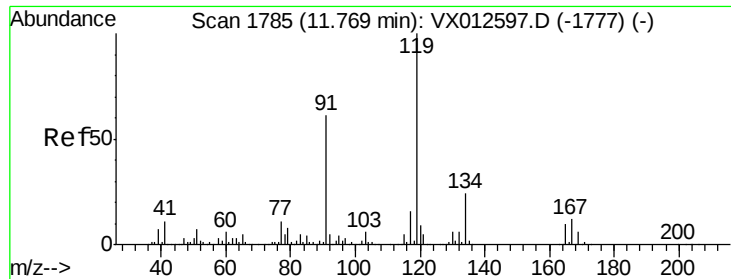
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#82
4-Chlorotoluene
Concen: 46.543 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.2	14.4	43.0





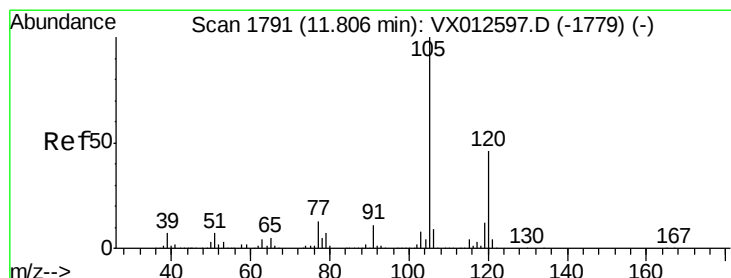
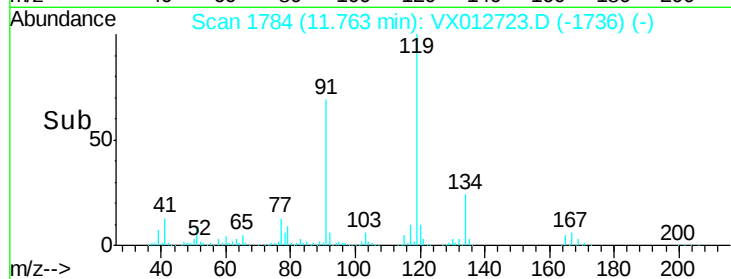
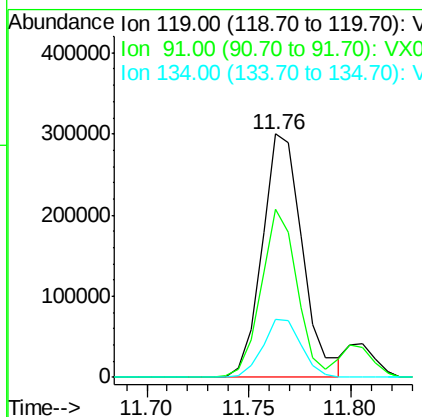
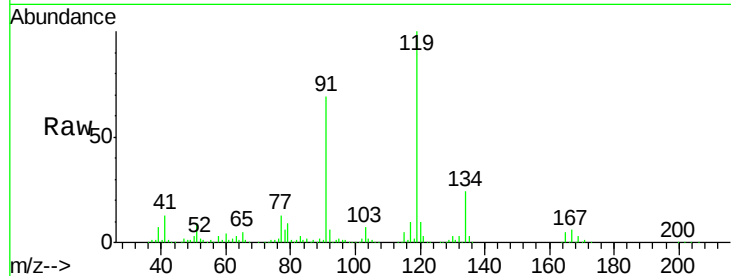
#83
 tert-Butylbenzene
 Concen: 46.601 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	412360		
91	61.8	30.0	90.0	
134	22.7	11.3	33.9	

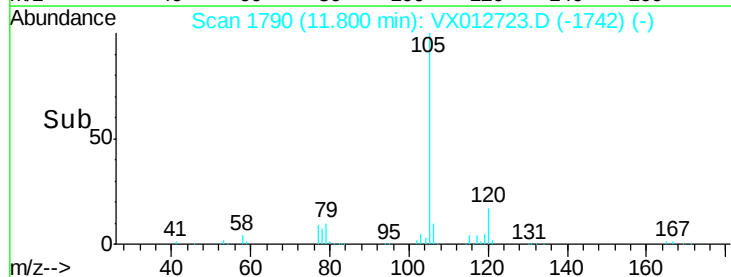
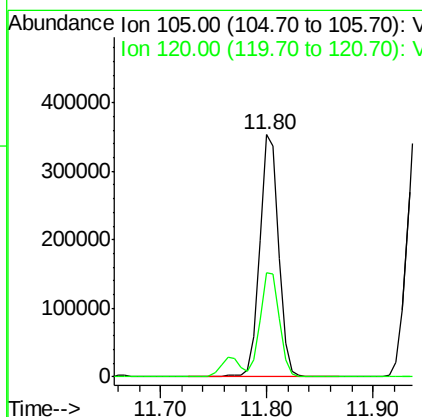
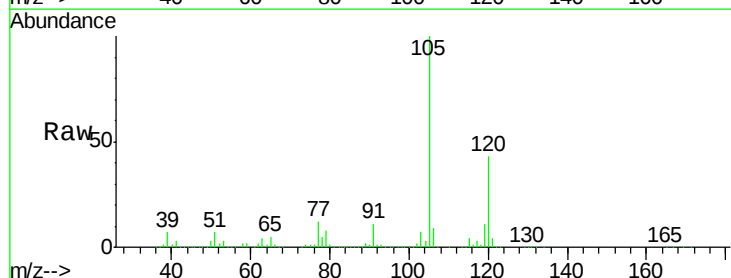
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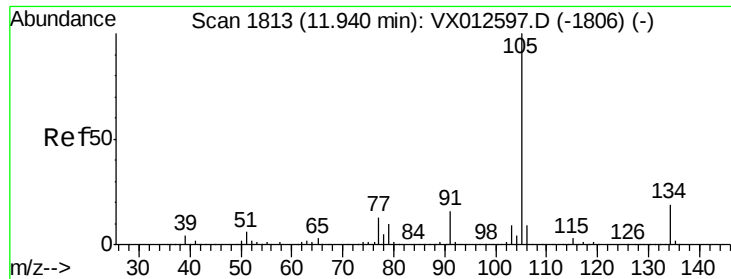
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.355 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438207		
120	43.8	22.2	66.6	





#85

sec-Butylbenzene

Concen: 48.651 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 500718

Ion Ratio Lower Upper

105 100

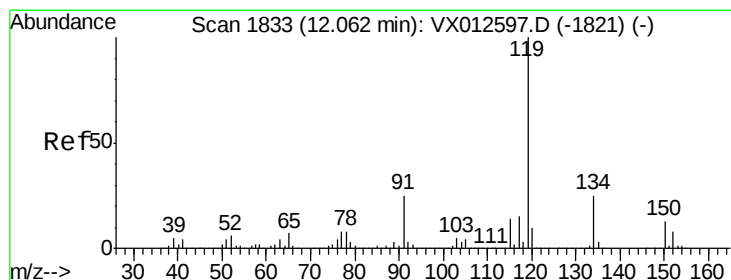
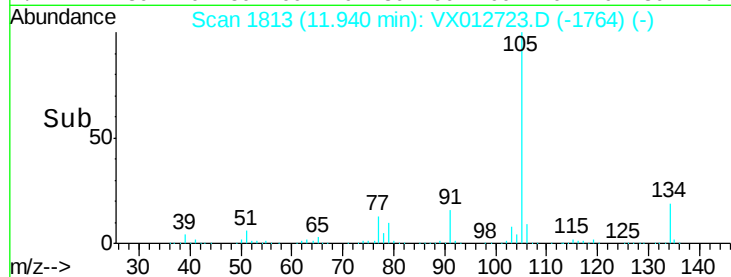
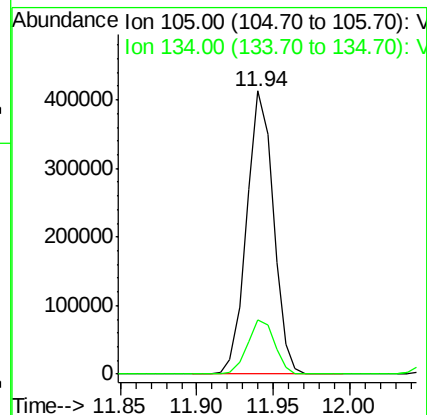
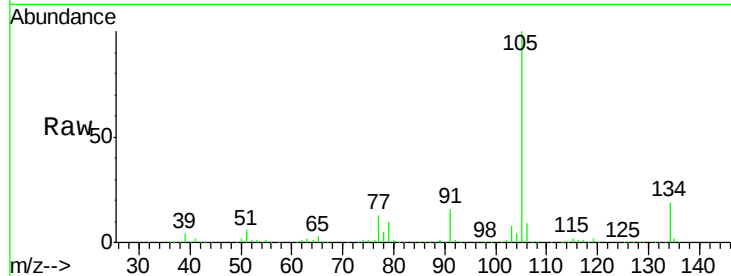
134 19.6 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.206 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

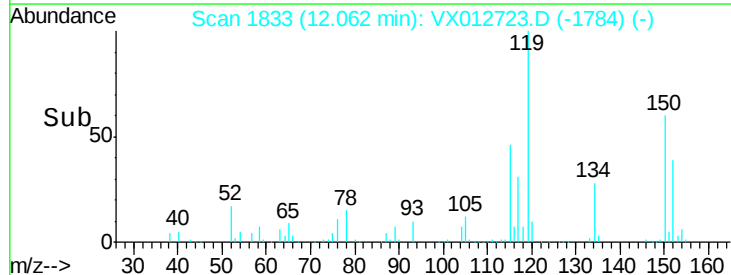
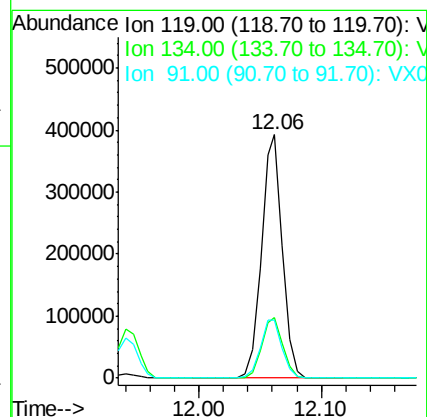
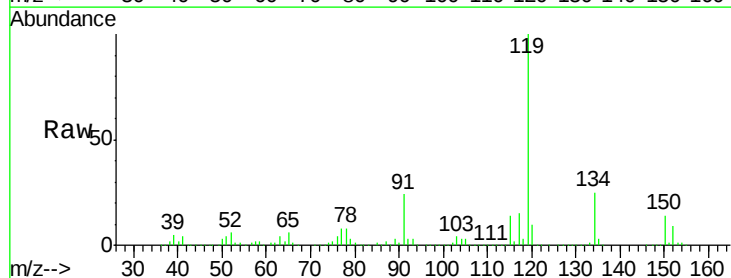
Tgt Ion:119 Resp: 466251

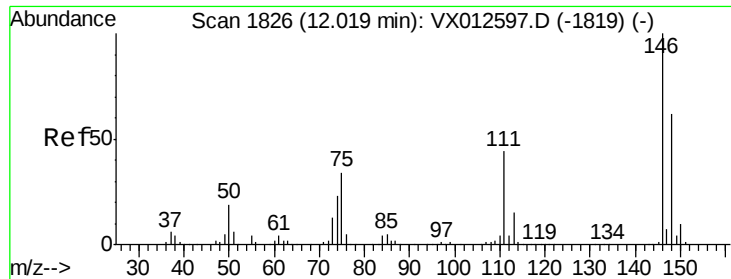
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

91 25.1 12.8 38.4





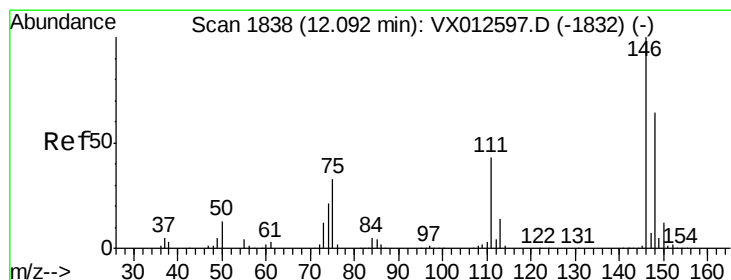
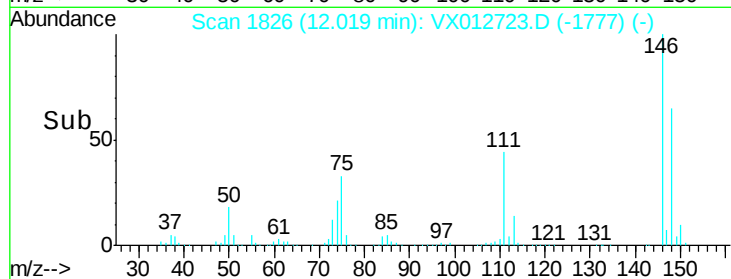
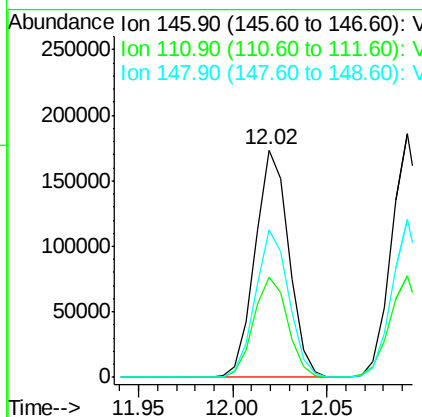
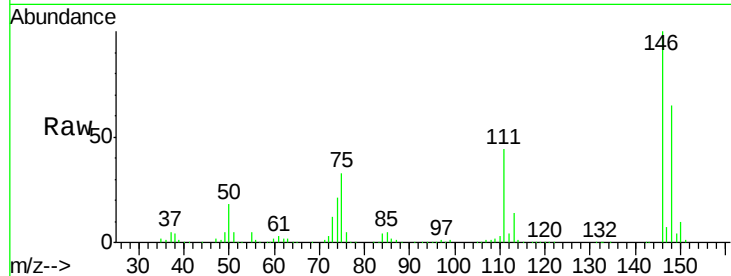
#87
 1,3-Dichlorobenzene
 Concen: 48.415 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.3	64.0
148	64.1	32.4	97.2

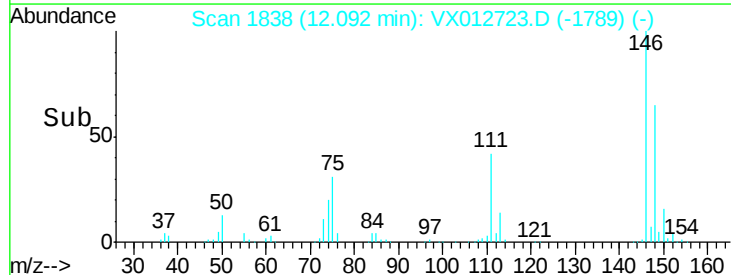
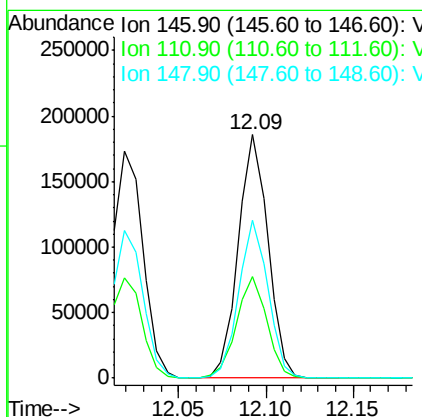
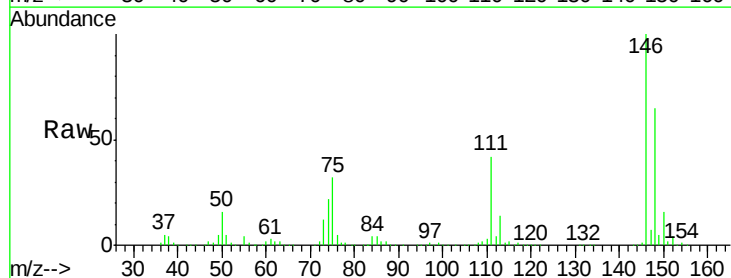
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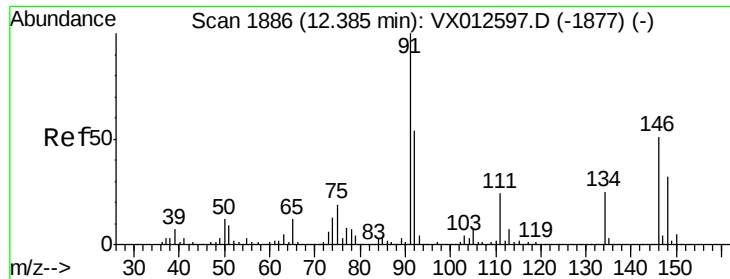
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#88
 1,4-Dichlorobenzene
 Concen: 49.007 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.3
148	63.9	32.1	96.5





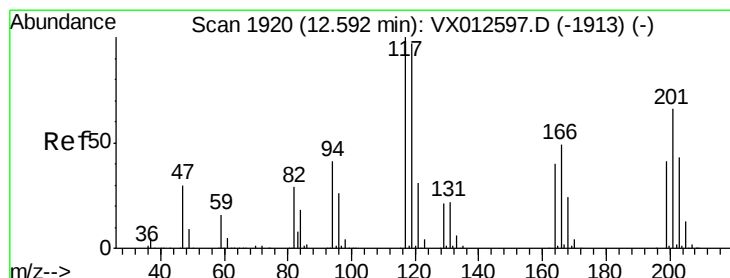
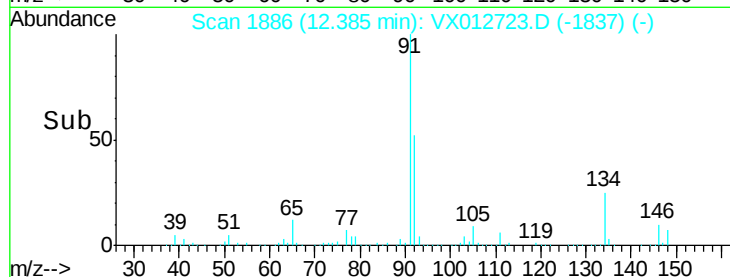
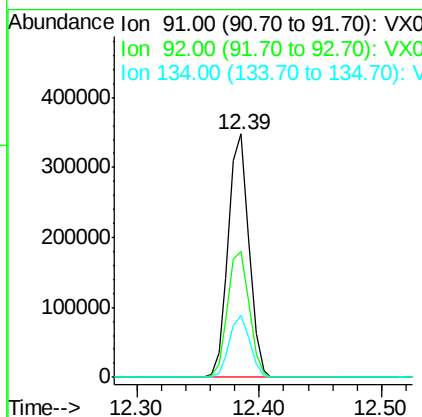
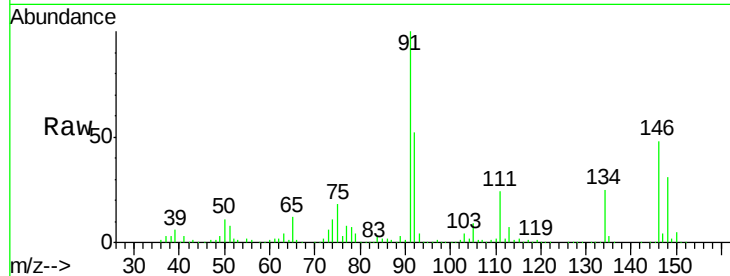
#89
n-Butylbenzene
Concen: 49.818 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.7	83.0
134	25.2	12.9	38.6

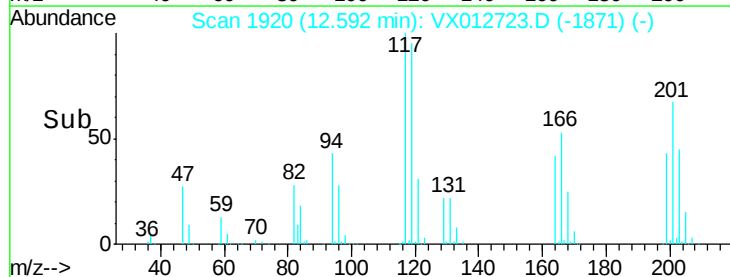
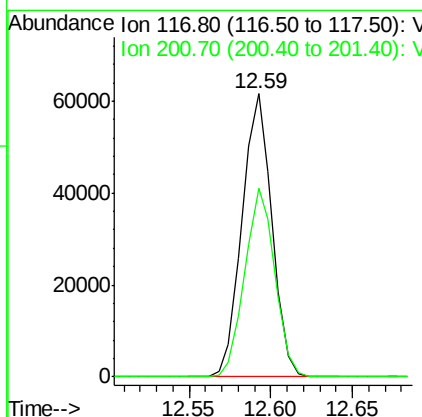
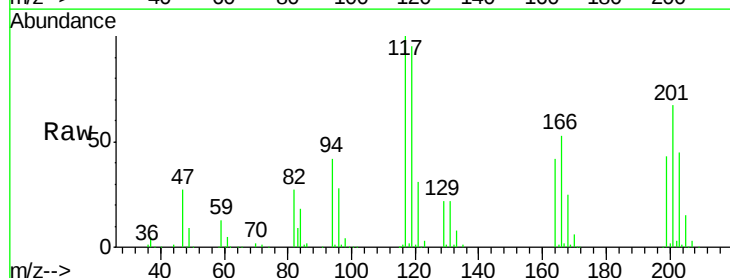
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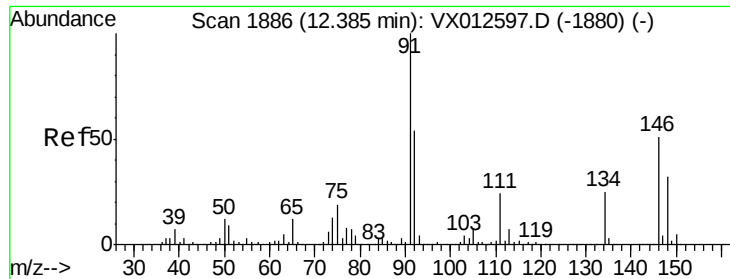
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#90
Hexachloroethane
Concen: 47.438 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.4	33.3	99.8





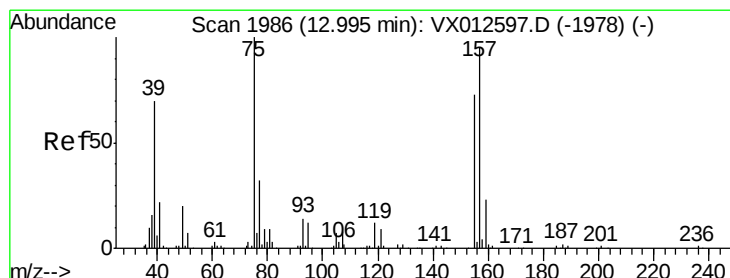
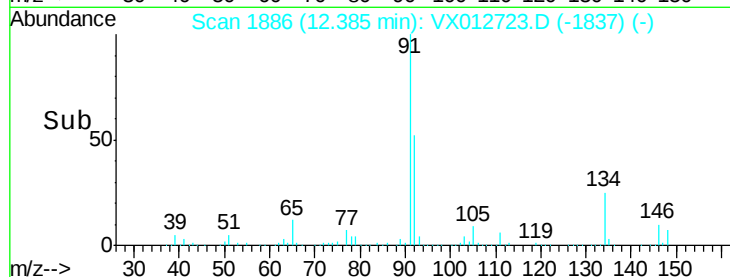
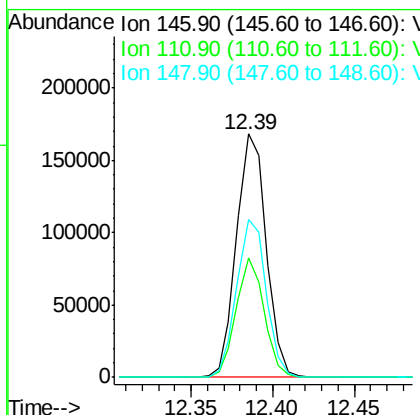
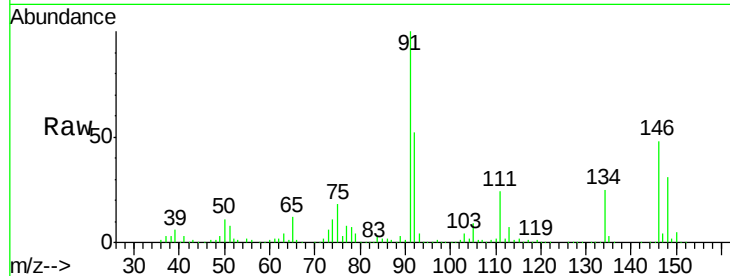
#91
 1,2-Dichlorobenzene
 Concen: 48.099 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.1	66.1
148	64.8	31.3	93.9

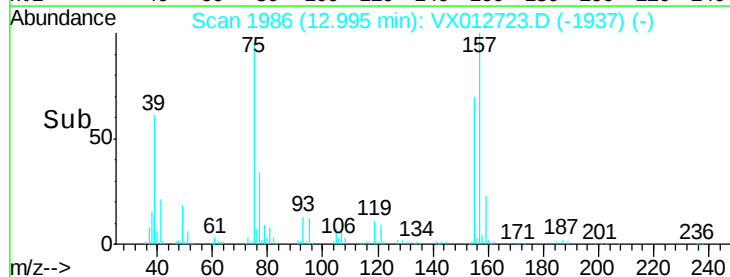
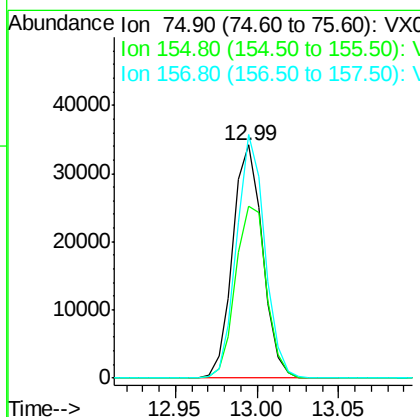
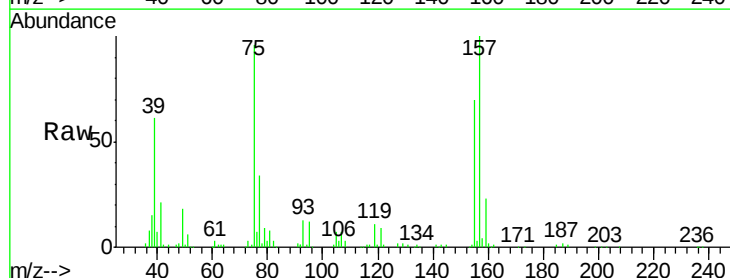
Manual Integrations
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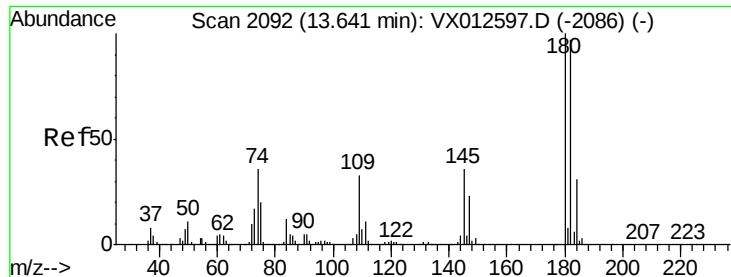
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.981 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	38.6	115.8
157	98.8	50.6	151.9





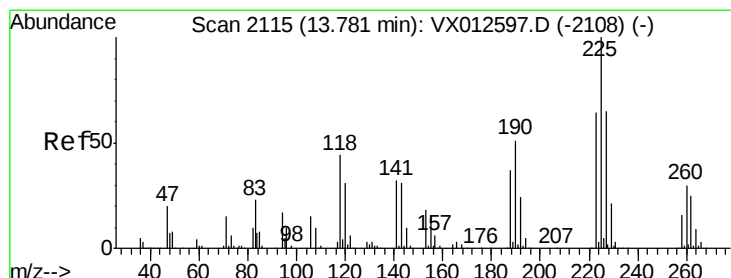
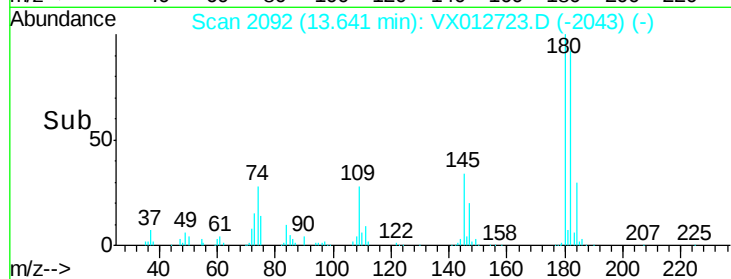
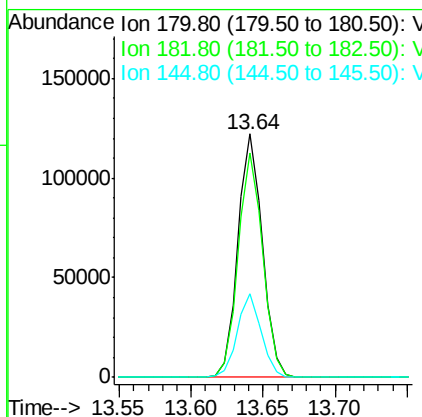
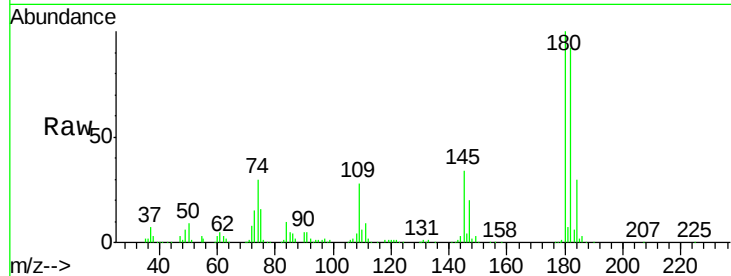
#93
 1,2,4-Trichlorobenzene
 Concen: 53.023 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.0	141.0
145	33.8	16.8	50.4

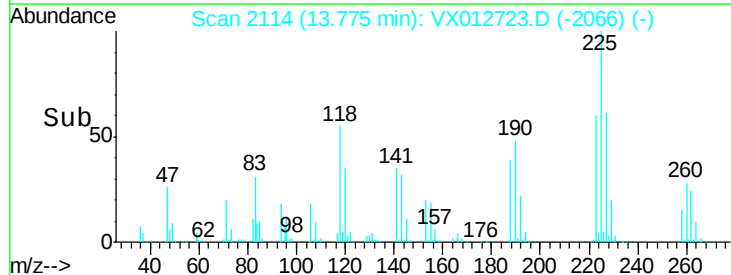
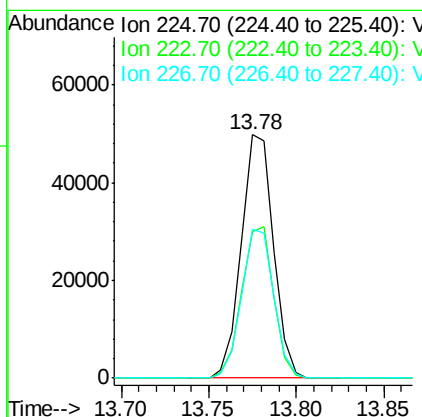
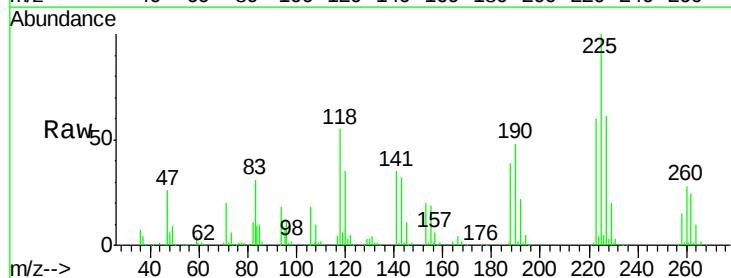
Manual Integrations
 APPROVED

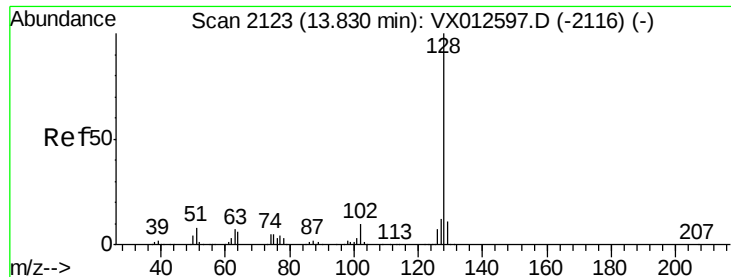
MMDadoda
 10/2/2019 10:07:17 AM



#94
 Hexachlorobutadiene
 Concen: 54.437 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.0	96.2
227	61.2	31.9	95.5





#95

Naphthalene

Concen: 51.789 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

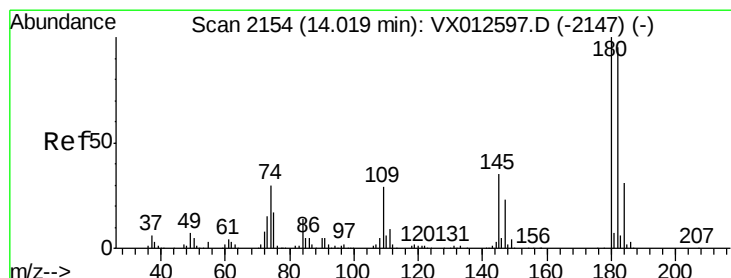
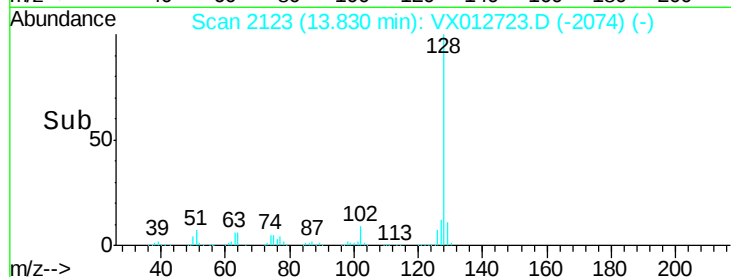
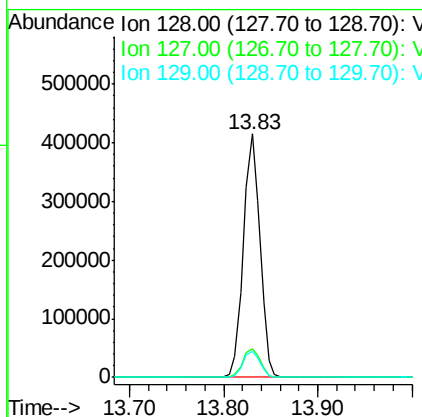
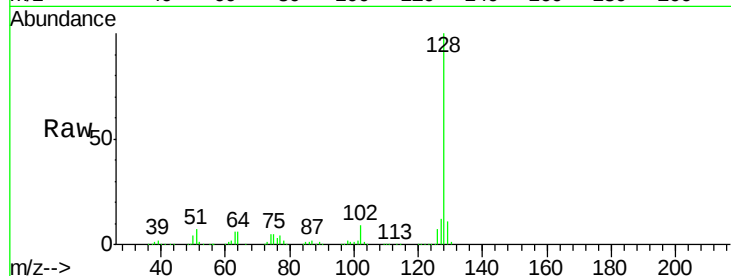
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/2/2019 10:07:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.519 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.1	141.3
145	36.1	18.0	54.0

