

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012978.D
 Acq On : 10 Oct 2019 06:06
 Operator : JC/SP
 Sample : K5260-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:50 AM

Quant Time: Oct 10 07:57:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107240	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
35) Dibromofluoromethane	5.49	113	83293	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	8.71	98	313271	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	121062	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	78269	49.294	ug/l	96
3) Chloromethane	1.32	50	91945	53.209	ug/l	98
4) Vinyl Chloride	1.40	62	93421	52.379	ug/l	99
5) Bromomethane	1.63	94	37314	50.328	ug/l	99
6) Chloroethane	1.71	64	57425	52.689	ug/l	99
7) Trichlorofluoromethane	1.92	101	126329	52.477	ug/l	100
8) Diethyl Ether	2.18	74	53844	55.413	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74693	47.942	ug/l	99
10) Methyl Iodide	2.50	142	96634	54.266	ug/l	100
11) Tert butyl alcohol	3.03	59	142757	276.601	ug/l	100
12) 1,1-Dichloroethene	2.36	96	81726	51.918	ug/l	96
13) Acrolein	2.28	56	83807	228.495	ug/l	99
14) Allyl chloride	2.72	41	149768	53.425	ug/l	97
15) Acrylonitrile	3.13	53	284810	291.196	ug/l	99
16) Acetone	2.44	43	256103	249.559	ug/l	100
17) Carbon Disulfide	2.56	76	224241	49.959	ug/l	100
18) Methyl Acetate	2.76	43	123356	50.713	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	313065	57.591	ug/l	97
20) Methylene Chloride	2.84	84	98980	52.481	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	91937	54.491	ug/l	98
22) Diisopropyl ether	3.84	45	304072	56.606	ug/l	96
23) Vinyl Acetate	3.80	43	1242053	267.844	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167818	55.533	ug/l	98
25) 2-Butanone	4.66	43	391998	275.329	ug/l	100
26) 2,2-Dichloropropane	4.57	77	92962	36.582	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	107809	55.435	ug/l	96
28) Bromochloromethane	5.01	49	50021	55.435	ug/l	100
29) Tetrahydrofuran	5.11	42	254894	290.934	ug/l	99
30) Chloroform	5.20	83	170724	55.058	ug/l	98
31) Cyclohexane	5.57	56	135251	47.864	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	146675	55.827	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124062	51.231	ug/l	99
37) Ethyl Acetate	4.82	43	139393	51.478	ug/l	99
38) Carbon Tetrachloride	5.78	117	121379	51.496	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132675	45.177	ug/l	98
40) Benzene	6.14	78	381916	53.398	ug/l	100
41) Methacrylonitrile	5.03	41	80410	54.042	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140492	54.742	ug/l	99
43) Isopropyl Acetate	6.43	43	229990	52.918	ug/l	100
44) Trichloroethene	7.20	130	99563	50.200	ug/l	93
45) 1,2-Dichloropropane	7.51	63	98869	54.238	ug/l	99
46) Dibromomethane	7.65	93	67733	55.770	ug/l	98
47) Bromodichloromethane	7.89	83	130767	55.173	ug/l	99
48) Methyl methacrylate	7.76	41	116395	54.957	ug/l	99
49) 1,4-Dioxane	7.73	88	60297	1058.766	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	757628	279.597	ug/l	100
52) Toluene	8.78	92	238785	52.186	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	136379	46.277	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	148485	50.938	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	99044	54.696	ug/l	98
56) Ethyl methacrylate	9.17	69	161731	49.882	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170739	54.508	ug/l	100
59) 2-Hexanone	9.49	43	576295	273.211	ug/l	98
60) Dibromochloromethane	9.58	129	100019	49.648	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104122	54.661	ug/l	99
64) Tetrachloroethene	9.33	164	93602	54.851	ug/l	98
65) Chlorobenzene	10.14	112	252341	51.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94378	55.712	ug/l	99
67) Ethyl Benzene	10.24	91	451758	52.054	ug/l	98
68) m/p-Xylenes	10.35	106	342187	105.542	ug/l	99
69) o-Xylene	10.70	106	165969	52.494	ug/l	99
70) Stvrene	10.71	104	295466	54.971	ug/l	99
71) Bromoform	10.85	173	68826	47.837	ug/l #	100
73) Isopropylbenzene	11.01	105	436580	51.762	ug/l	100
74) N-amyl acetate	10.89	43	190825	52.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153613	54.759	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	125817m	49.448	ug/l	
77) Bromobenzene	11.25	156	105213	52.937	ug/l	98
78) n-propylbenzene	11.35	91	480667	51.791	ug/l	98
79) 2-Chlorotoluene	11.42	91	299698	51.382	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	371759	52.787	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	43816	44.749	ug/l	98
82) 4-Chlorotoluene	11.51	91	345944	51.746	ug/l	100
83) tert-Butylbenzene	11.76	119	352860	51.362	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	379253	53.172	ug/l	99
85) sec-Butylbenzene	11.94	105	408240	51.291	ug/l	99
86) p-Isopropyltoluene	12.06	119	379984	51.476	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	186824	50.618	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187930	50.276	ug/l	99
89) n-Butylbenzene	12.38	91	307387	49.546	ug/l	100
90) Hexachloroethane	12.59	117	64778	47.491	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	189458	52.360	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37854	57.572	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	113264	49.971	ug/l	98

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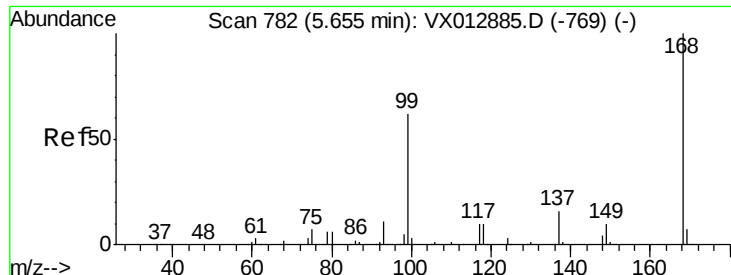
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	48318	46.191	ug/l	99
95) Naphthalene	13.83	128	408425	51.981	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	118448	50.569	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion:168 Resp: 155770

Ion Ratio Lower Upper

168 100

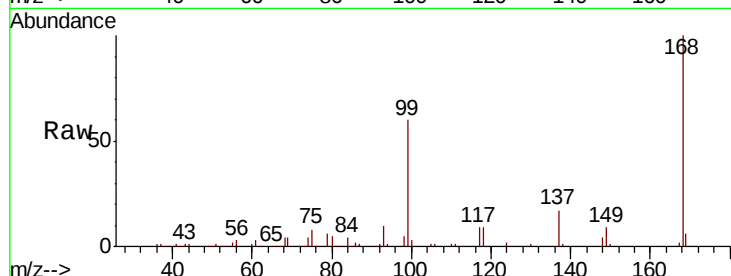
99 60.2 49.4 74.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

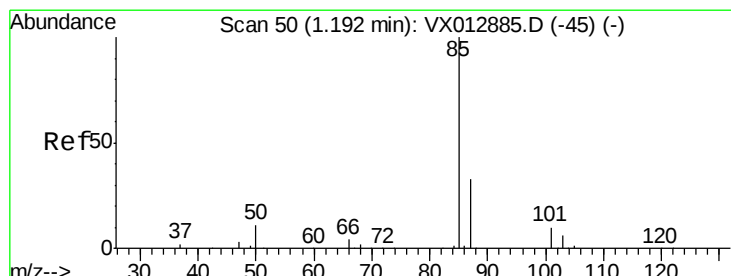
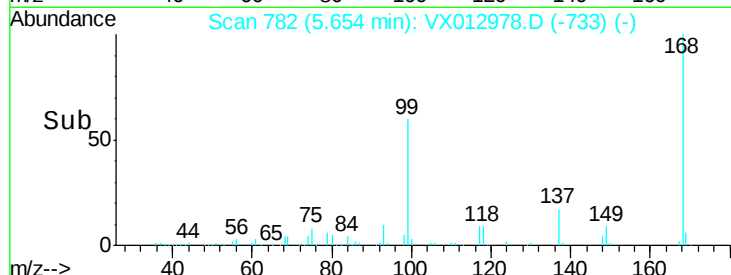
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.294 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012978.D

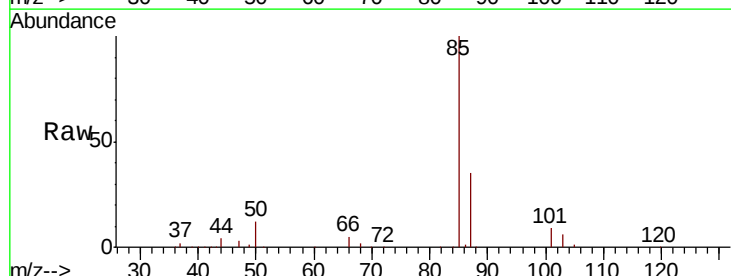
Acq: 10 Oct 2019 06:06

Tgt Ion: 85 Resp: 78269

Ion Ratio Lower Upper

85 100

87 35.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

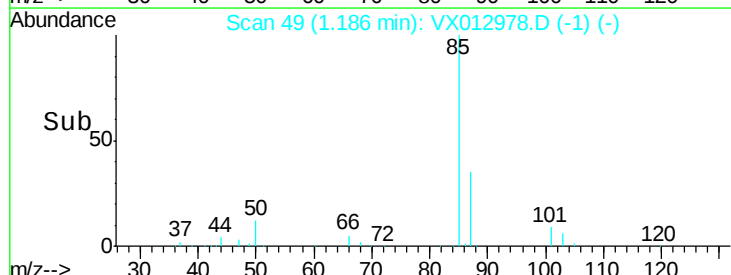
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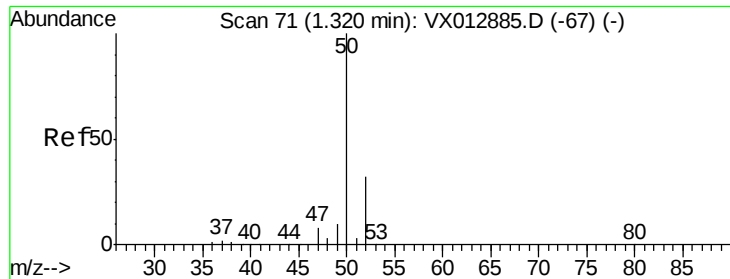
40000

20000

0

Time-->





#3

Chloromethane

Concen: 53.209 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 50 Resp: 91945

Ion Ratio Lower Upper

50 100

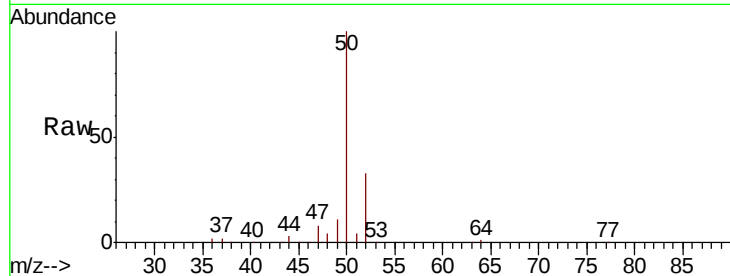
52 32.8 25.2 37.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

80000

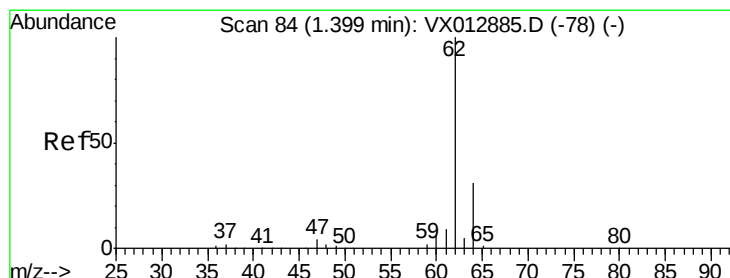
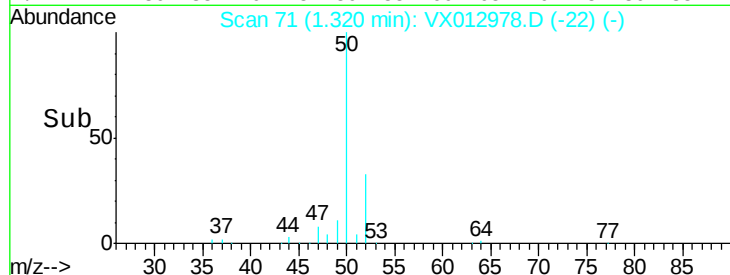
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 52.379 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012978.D

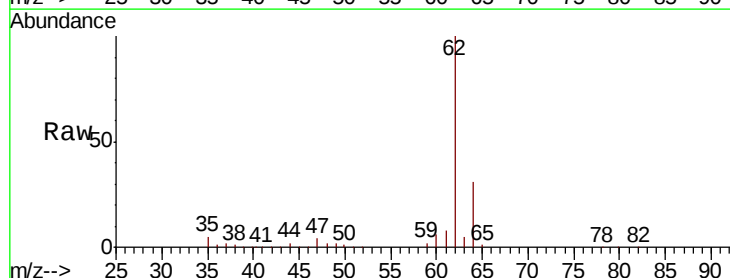
Acq: 10 Oct 2019 06:06

Tgt Ion: 62 Resp: 93421

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

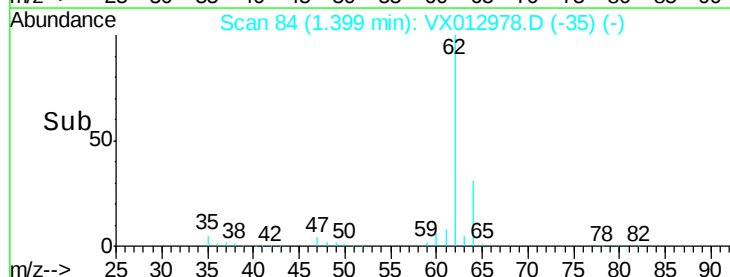
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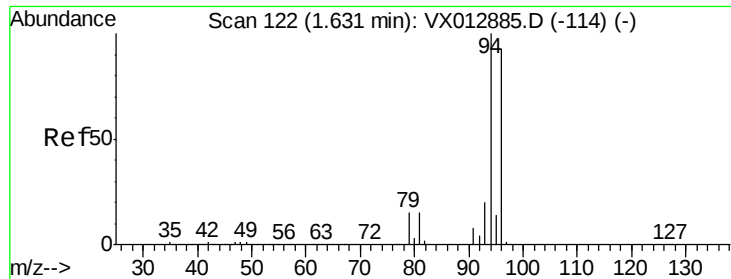
40000

20000

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Time-->





#5

Bromomethane

Concen: 50.328 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 94 Resp: 37314

Ion Ratio Lower Upper

94 100

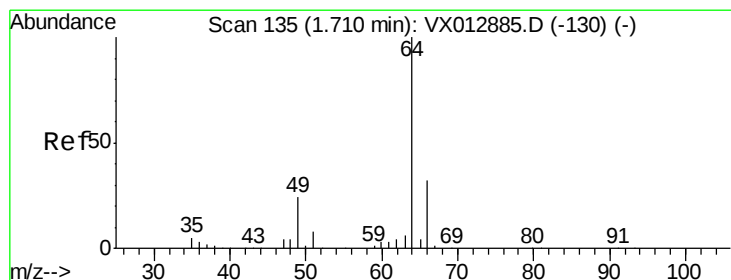
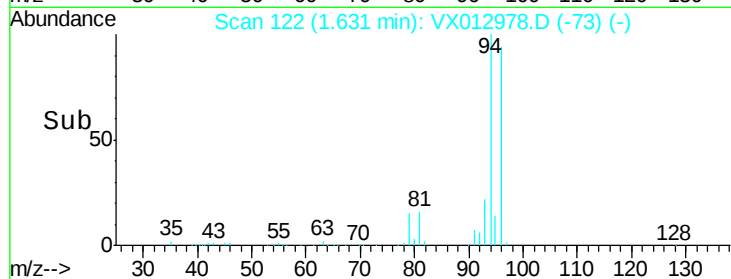
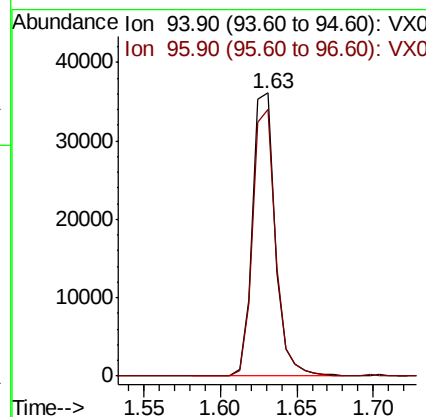
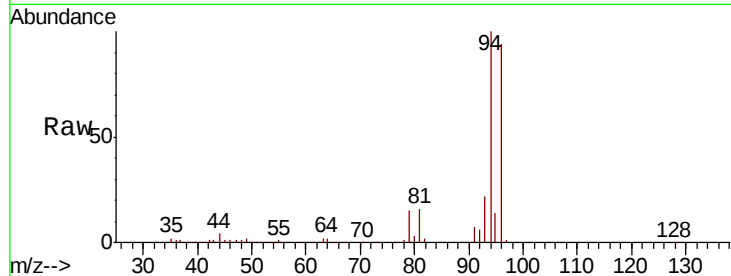
96 94.2 74.7 112.1

Manual Integrations

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10/10/2019 9:04:50 AM



#6

Chloroethane

Concen: 52.689 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012978.D

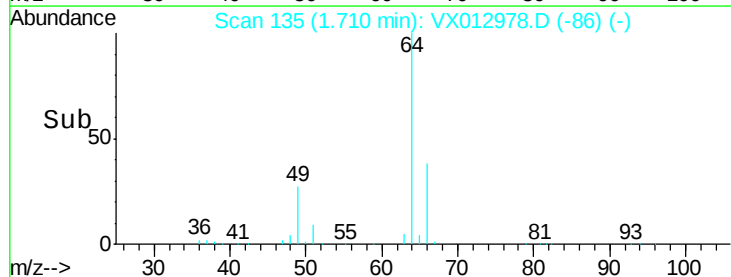
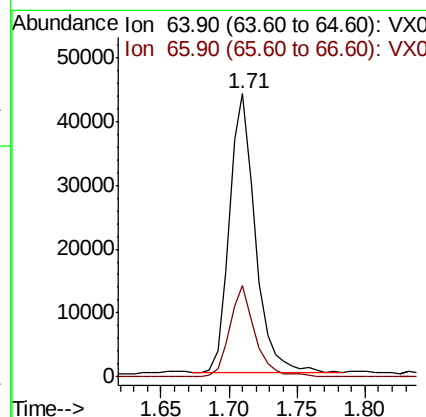
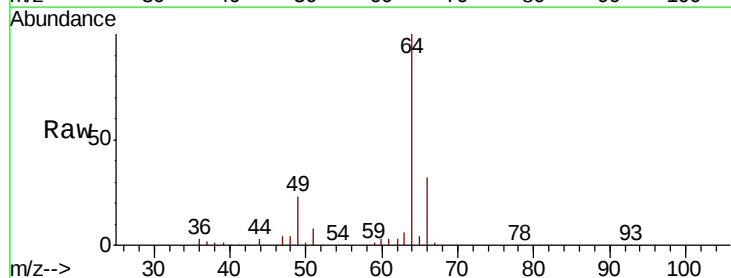
Acq: 10 Oct 2019 06:06

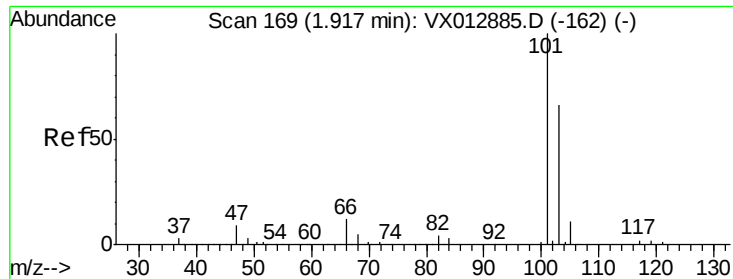
Tgt Ion: 64 Resp: 57425

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4





#7

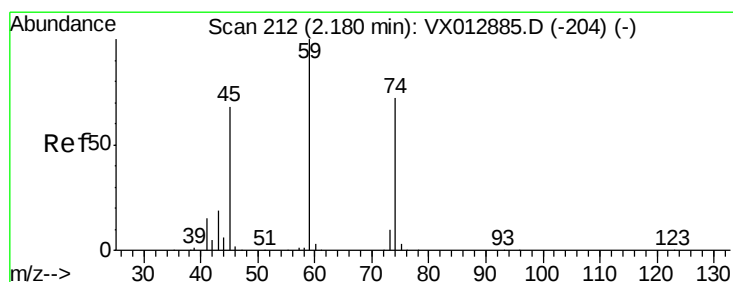
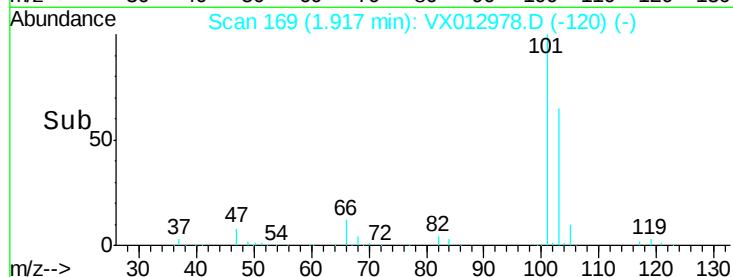
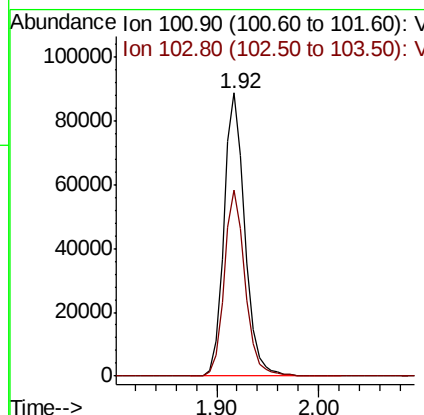
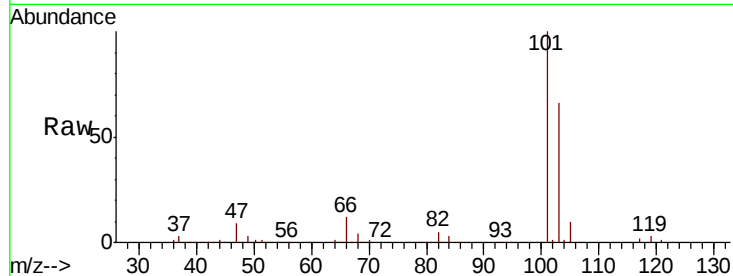
Trichlorofluoromethane
Concen: 52.477 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion:101 Resp: 126329
Ion Ratio Lower Upper
101 100
103 65.5 52.5 78.7

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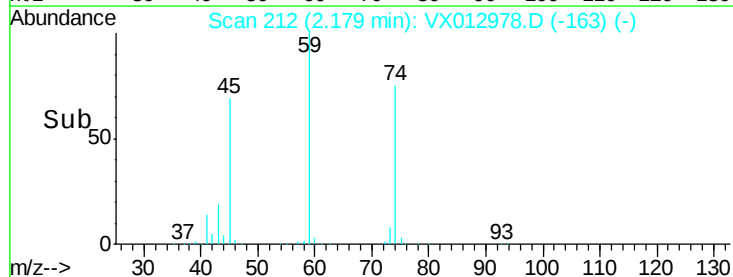
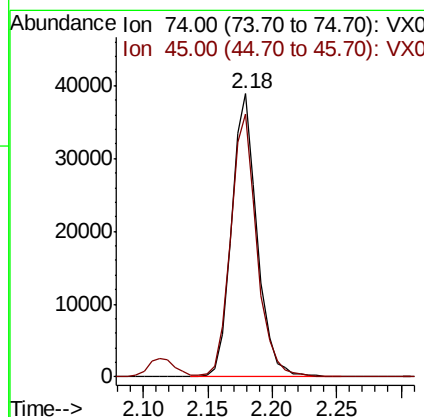
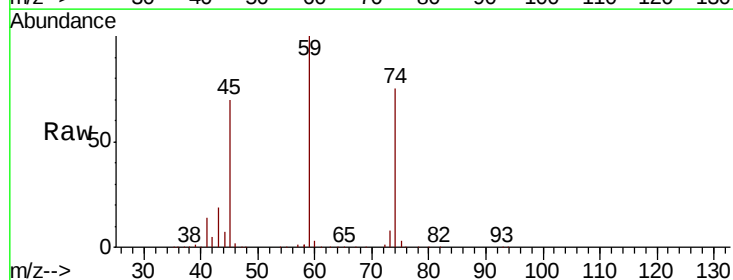
MMDadoda
10/10/2019 9:04:50 AM

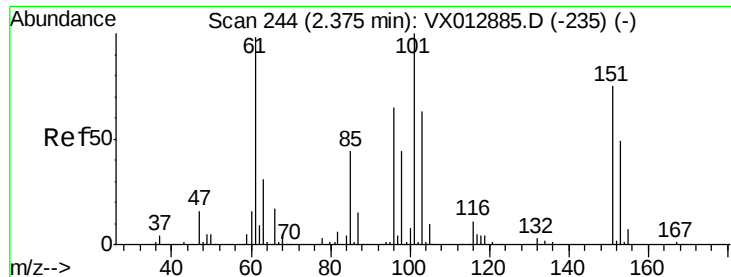


#8

Diethyl Ether
Concen: 55.413 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 74 Resp: 53844
Ion Ratio Lower Upper
74 100
45 95.5 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.942 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

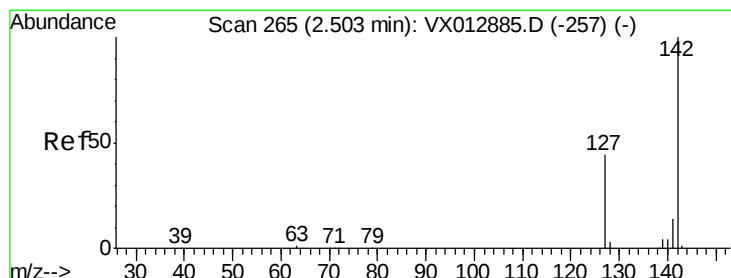
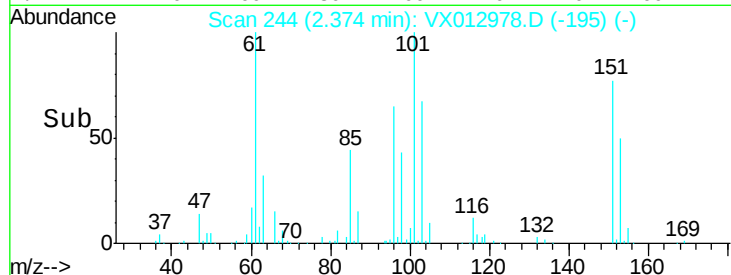
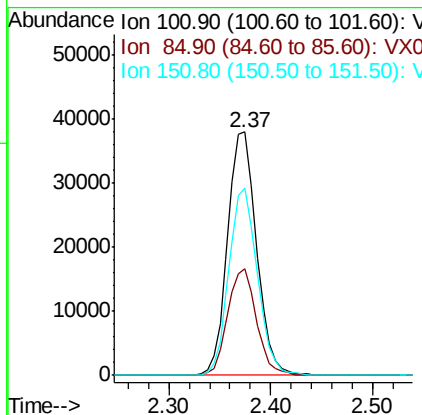
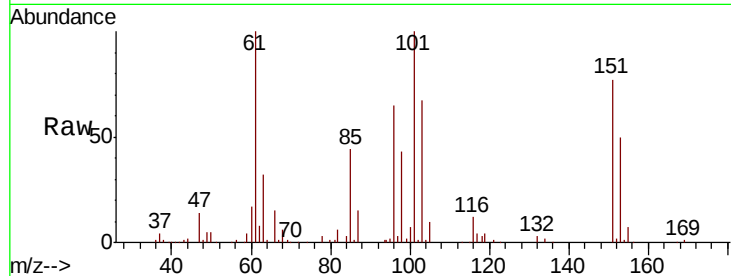
ClientSampleId :

FA19-MMW0010MS

Tot Ion:	101	Resp:	74693
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.2	52.8
151	75.7	60.3	90.5

Manual Integrations
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MMDadoda
10/10/2019 9:04:50 AM



#10

Methyl Iodide

Concen: 54.266 ug/l

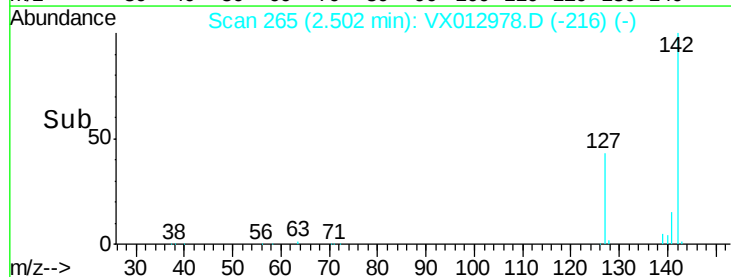
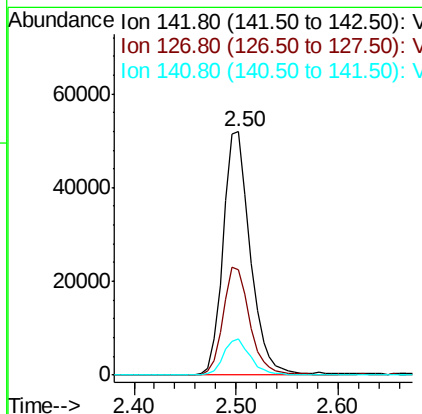
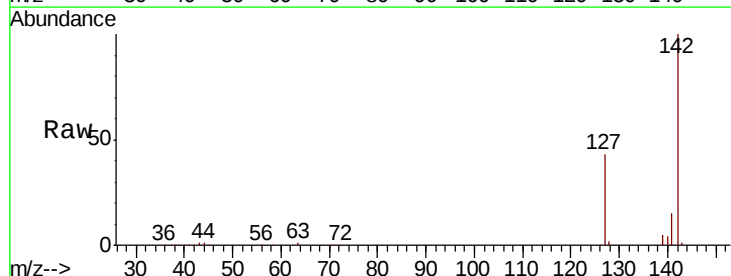
RT: 2.50 min Scan# 265

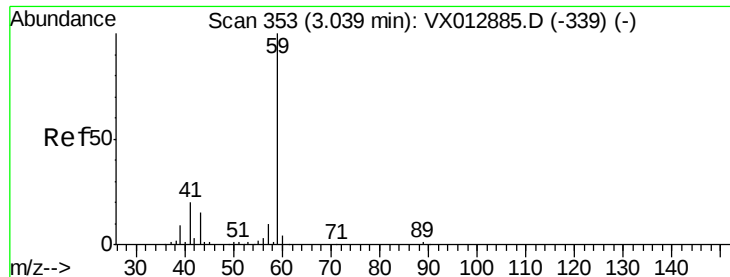
Delta R.T. 0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Tgt Ion:	142	Resp:	96634
Ion Ratio	Lower	Upper	
142	100		
127	43.8	34.9	52.3
141	14.4	11.6	17.4





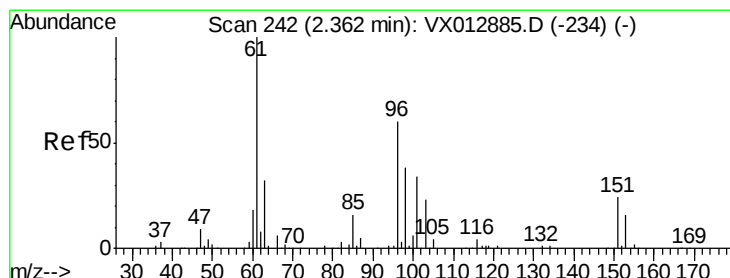
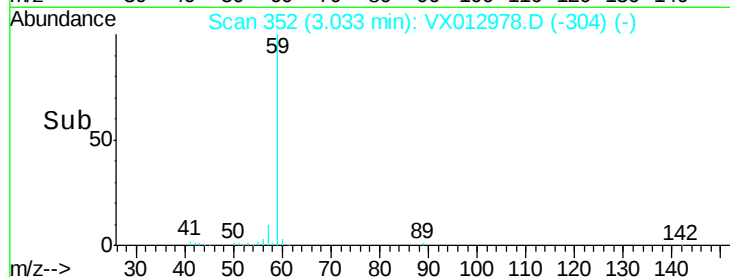
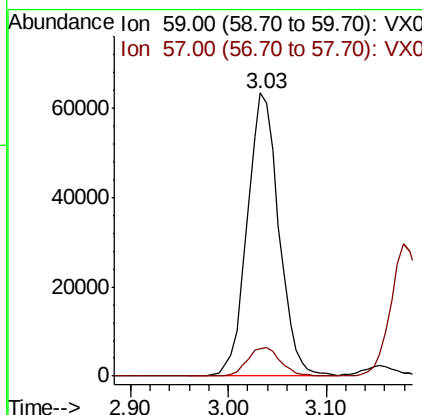
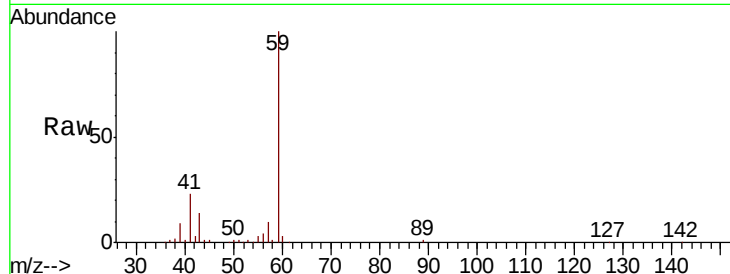
#11
Tert butyl alcohol
Concen: 276.601 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	59	Resp	142757
Ion Ratio	100	Lower	Upper
57	10.6	8.3	12.5

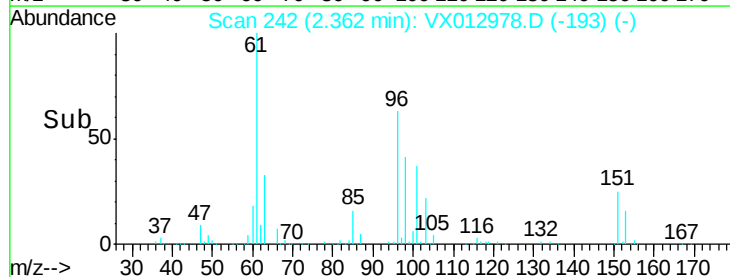
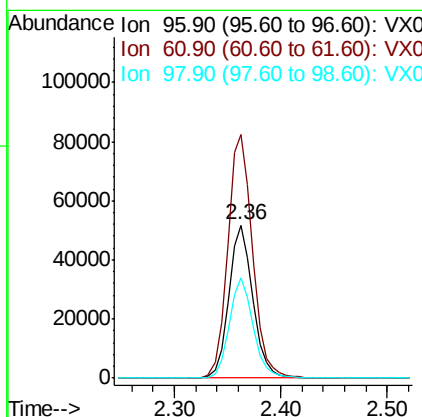
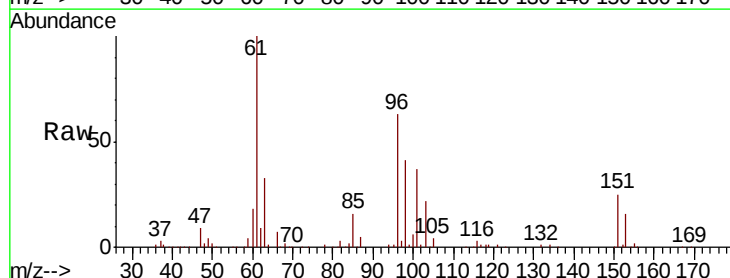
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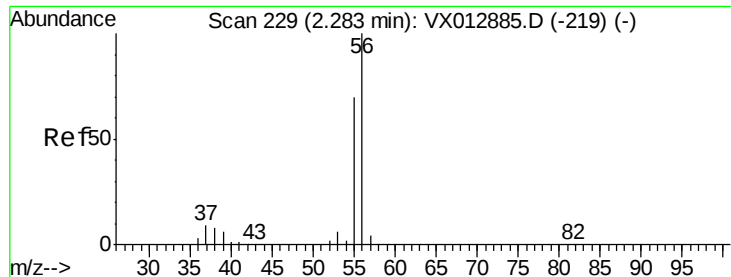
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#12
1,1-Dichloroethene
Concen: 51.918 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	96	Resp	81726
Ion Ratio	100	Lower	Upper
61	159.0	132.2	198.4
98	65.2	50.5	75.7





#13

Acrolein

Concen: 228.495 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 56 Resp: 83807

Ion Ratio Lower Upper

56 100

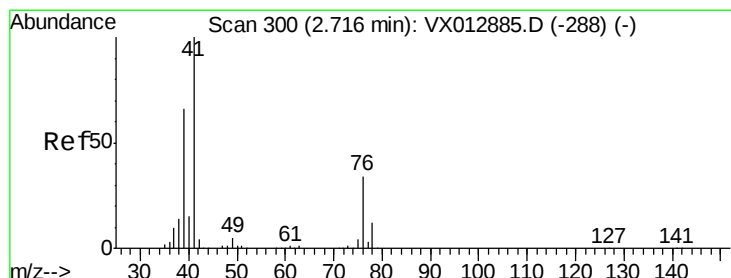
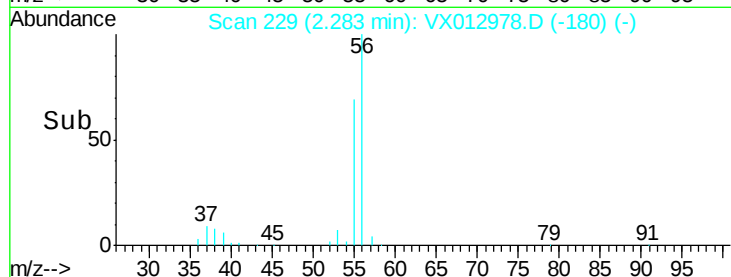
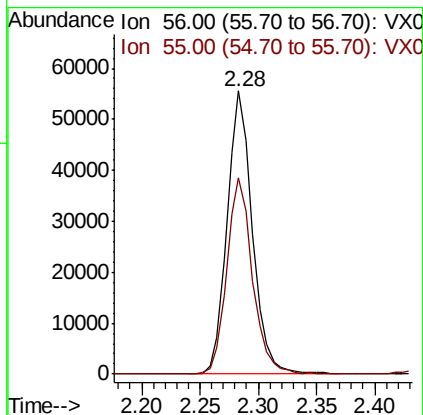
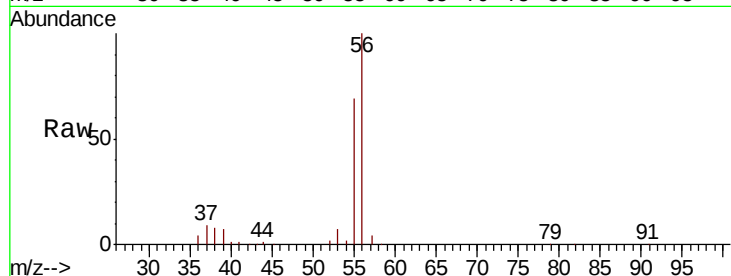
55 70.1 56.6 85.0

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#14

Allyl chloride

Concen: 53.425 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

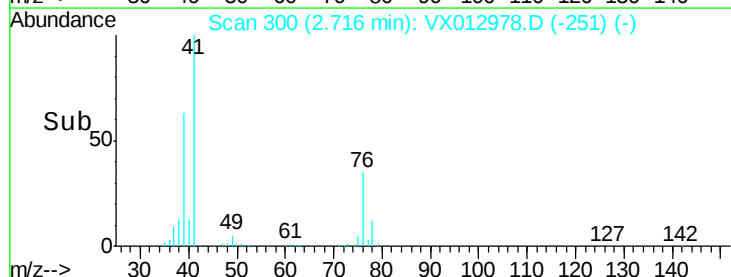
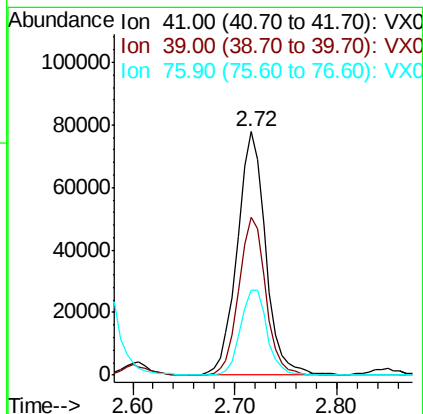
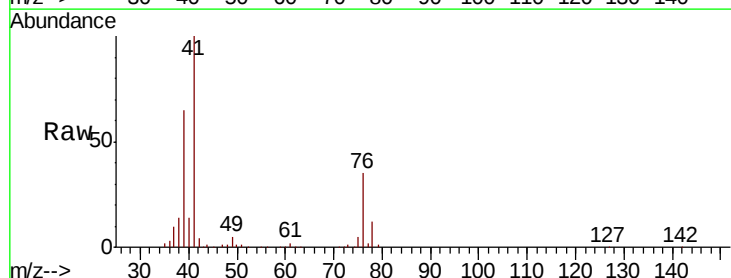
Tgt Ion: 41 Resp: 149768

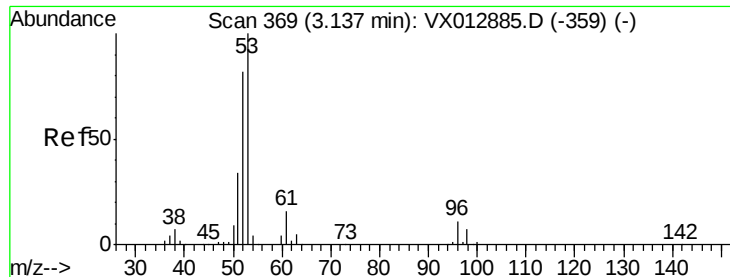
Ion Ratio Lower Upper

41 100

39 60.9 51.0 76.6

76 33.1 26.2 39.4





#15

Acrylonitrile

Concen: 291.196 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

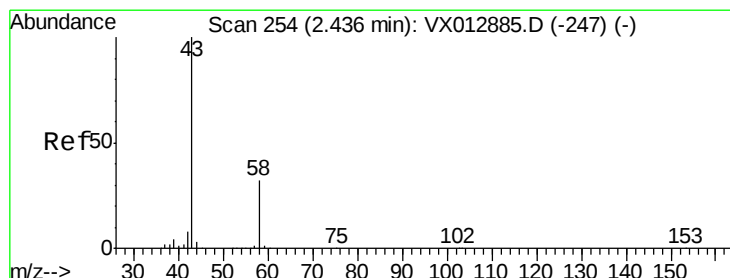
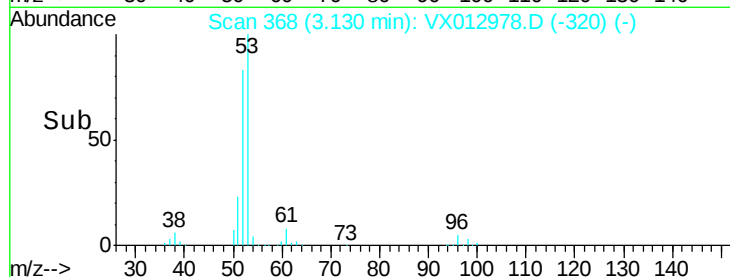
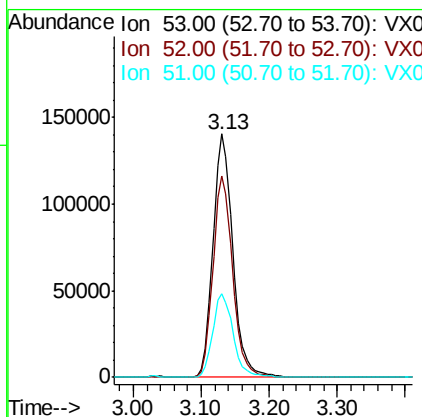
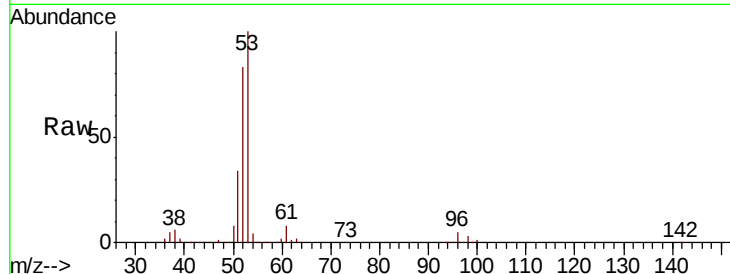
ClientSampleId :

FA19-MMW0010MS

Tot Ion:	53	Resp:	284810
Ion Ratio		Lower	Upper
53	100		
52	81.7	66.2	99.2
51	35.4	28.2	42.4

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#16

Acetone

Concen: 249.559 ug/l

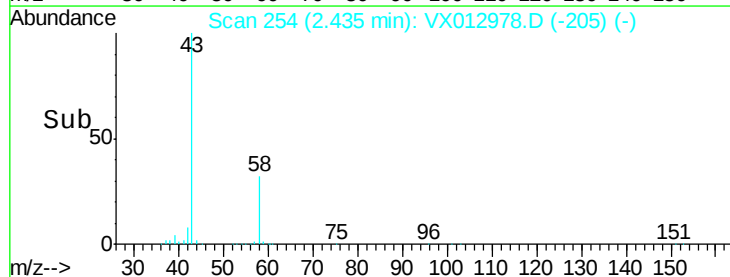
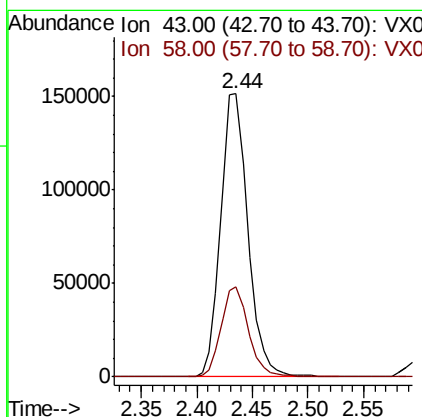
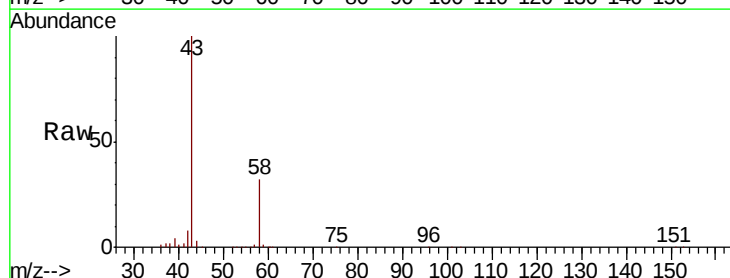
RT: 2.44 min Scan# 254

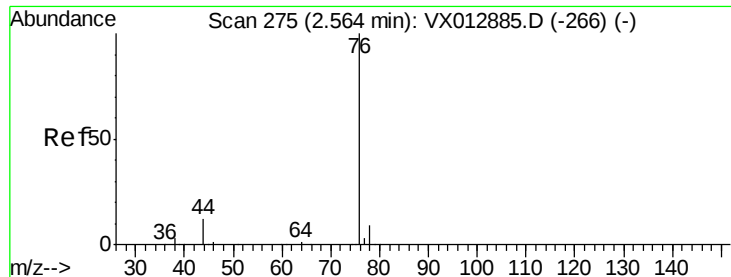
Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Tgt Ion:	43	Resp:	256103
Ion Ratio		Lower	Upper
43	100		
58	31.7	25.4	38.2





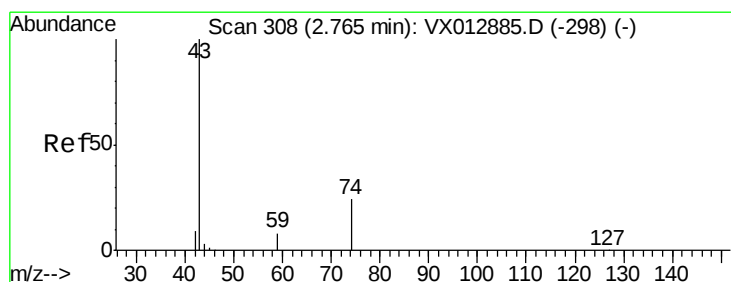
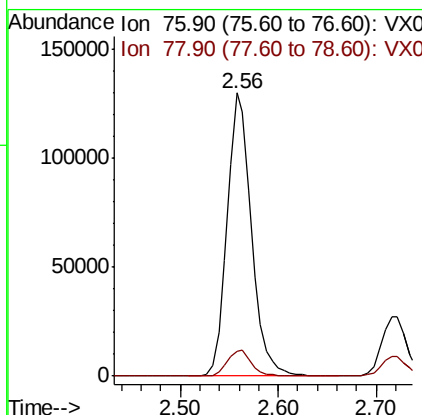
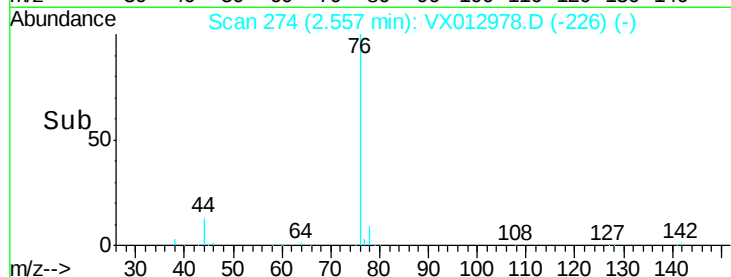
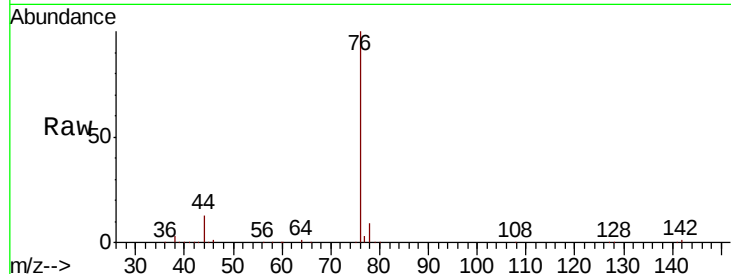
#17
Carbon Disulfide
Concen: 49.959 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

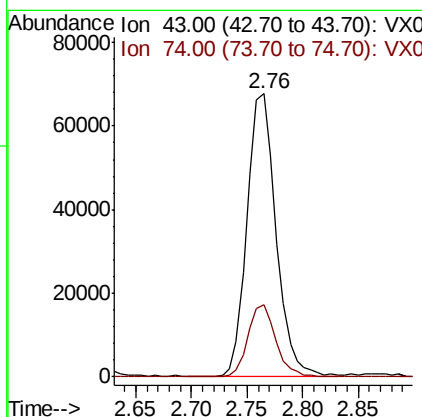
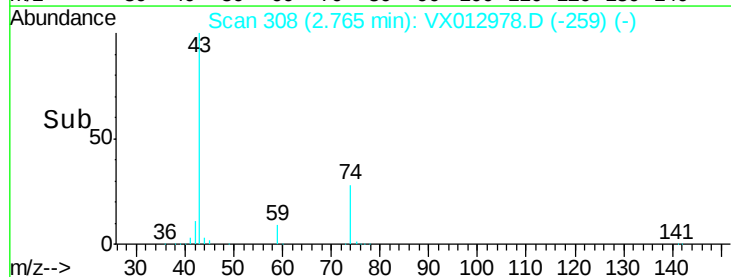
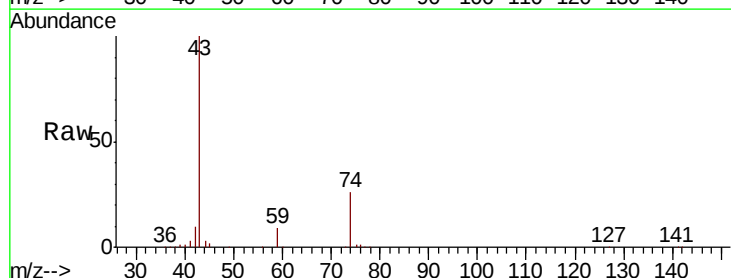
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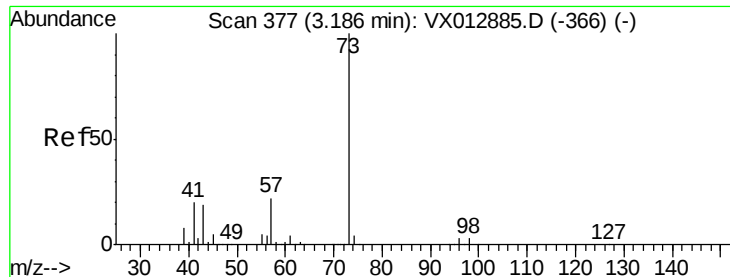
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#18
Methyl Acetate
Concen: 50.713 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.2	28.8





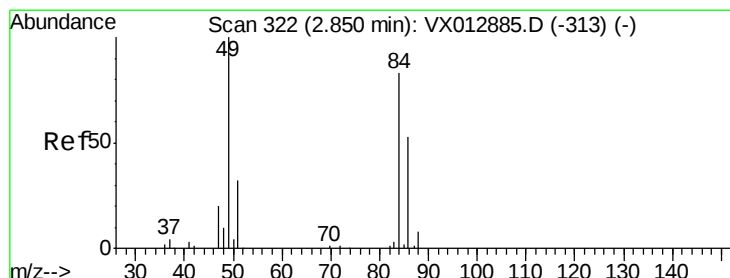
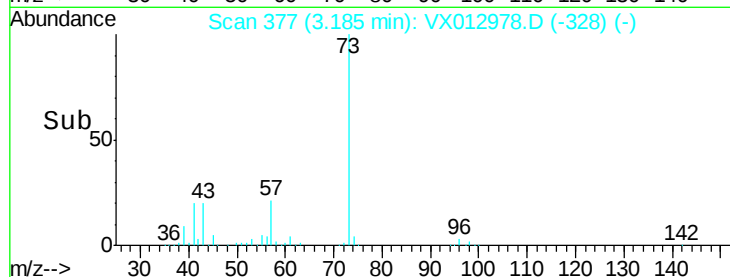
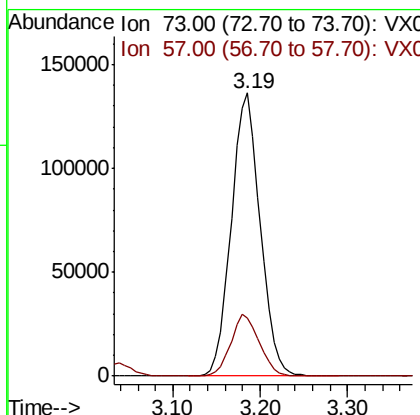
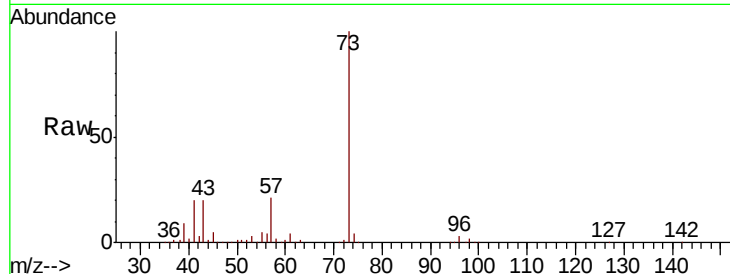
#19
Methyl tert-butyl Ether
Concen: 57.591 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.8	26.6

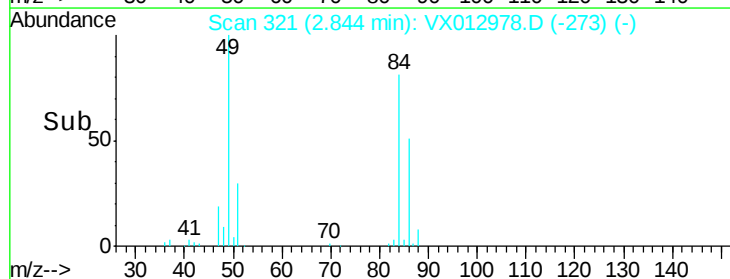
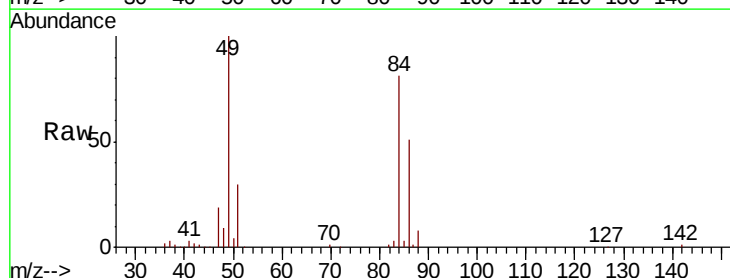
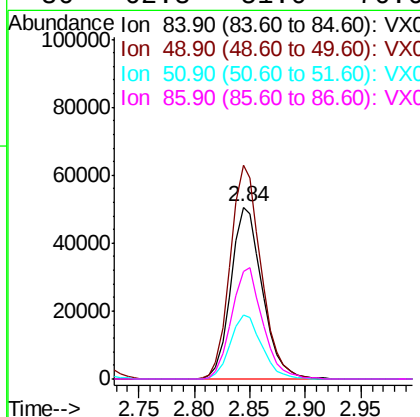
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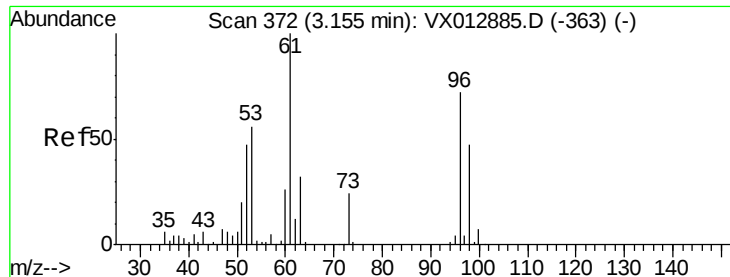
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#20
Methylene Chloride
Concen: 52.481 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.2	96.6	144.8
51	37.3	30.7	46.1
86	62.8	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 54.491 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

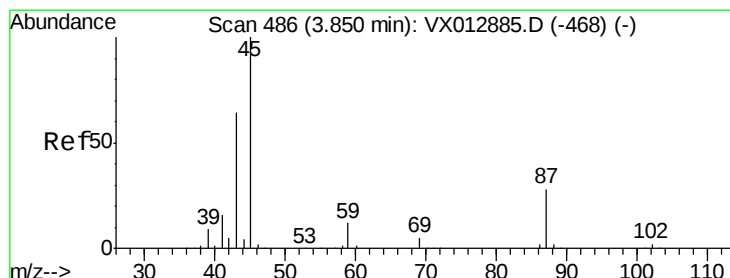
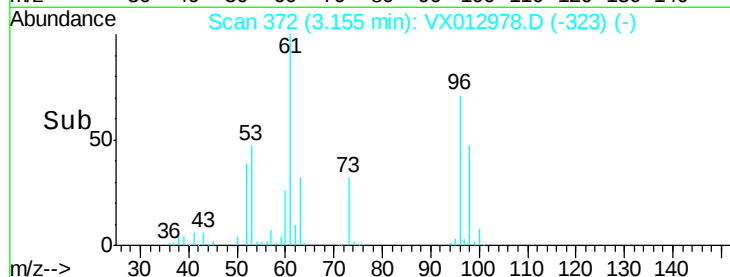
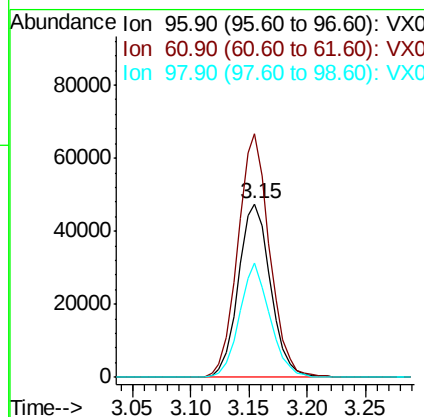
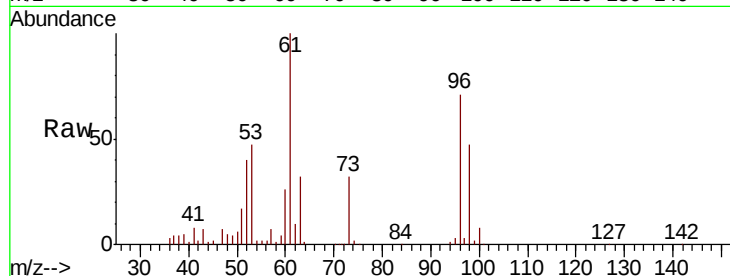
ClientSampleId :

FA19-MMW0010MS

Tot Ion:	96	Resp:	91937
Ion	Ratio	Lower	Upper
96	100		
61	140.4	110.4	165.6
98	65.9	51.5	77.3

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#22

Diisopropyl ether

Concen: 56.606 ug/l

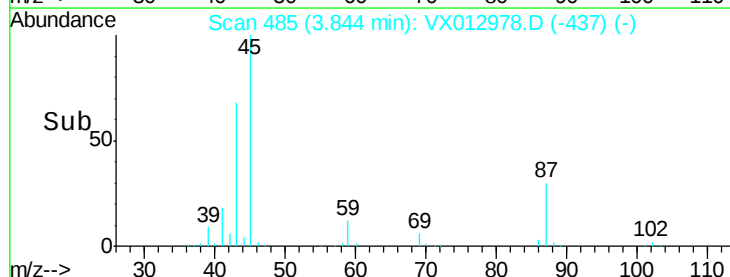
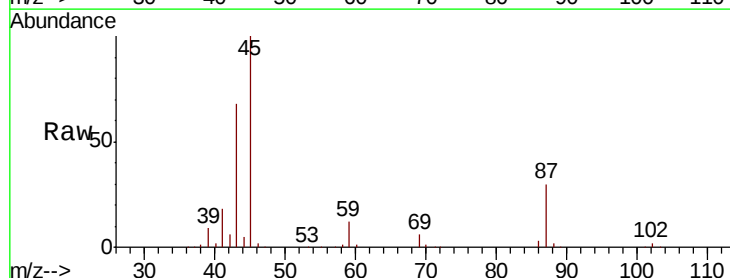
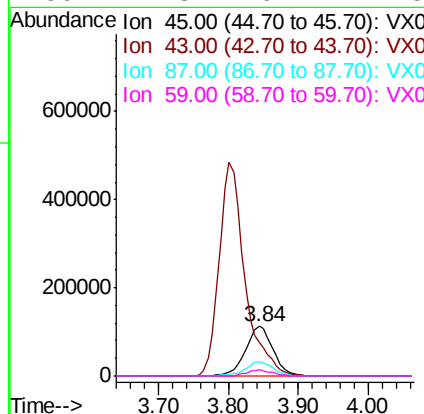
RT: 3.84 min Scan# 485

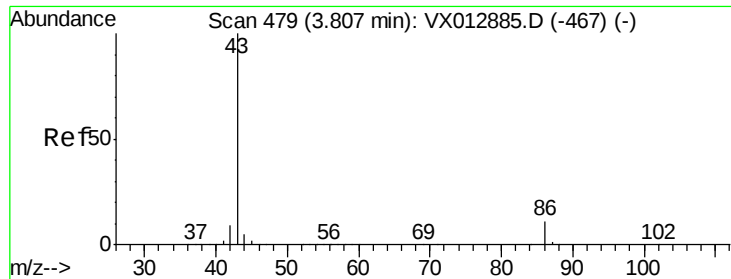
Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Tgt Ion:	45	Resp:	304072
Ion	Ratio	Lower	Upper
45	100		
43	68.2	51.4	77.0
87	29.5	22.5	33.7
59	12.3	9.7	14.5





#23

Vinyl Acetate

Concen: 267.844 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 43 Resp: 1242053

Ion Ratio Lower Upper

43 100

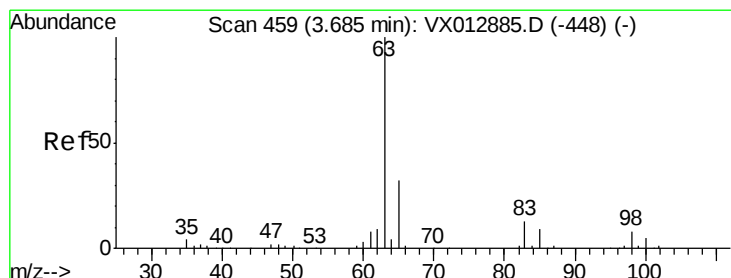
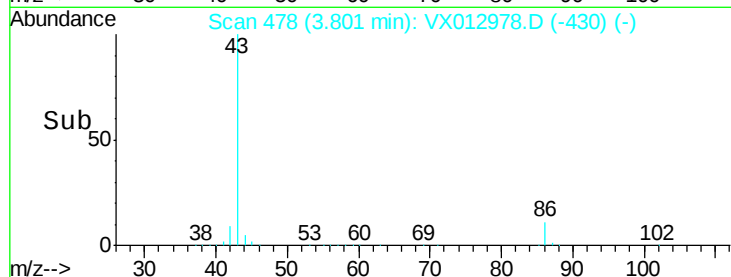
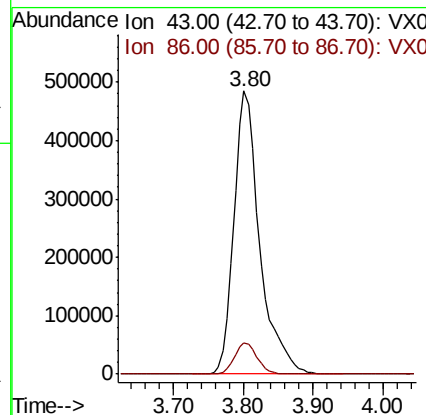
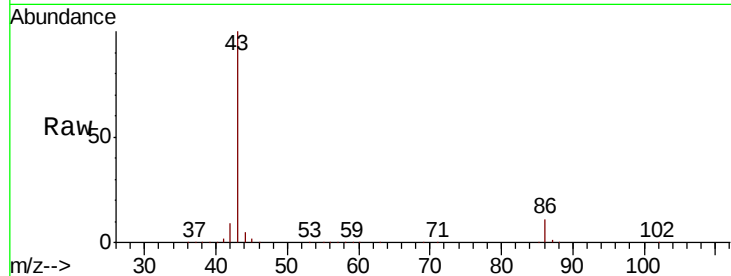
86 10.9 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 55.533 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

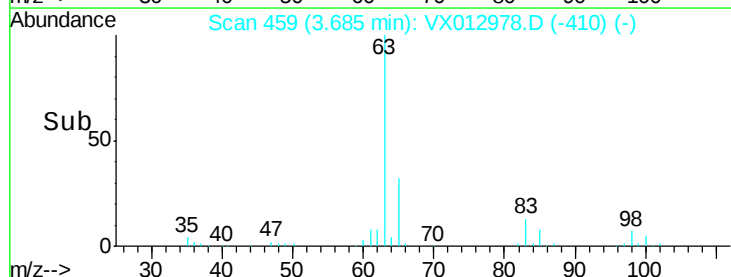
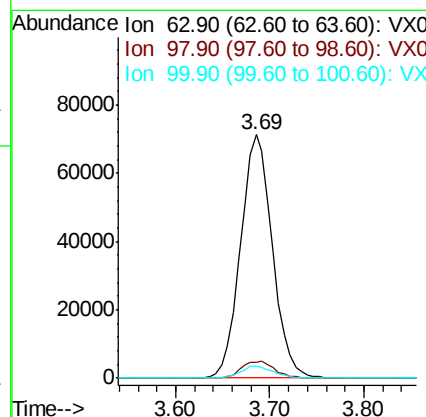
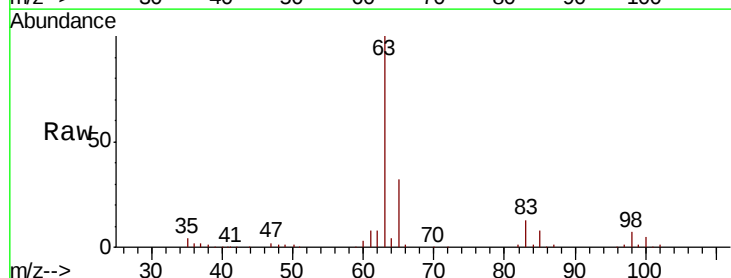
Tgt Ion: 63 Resp: 167818

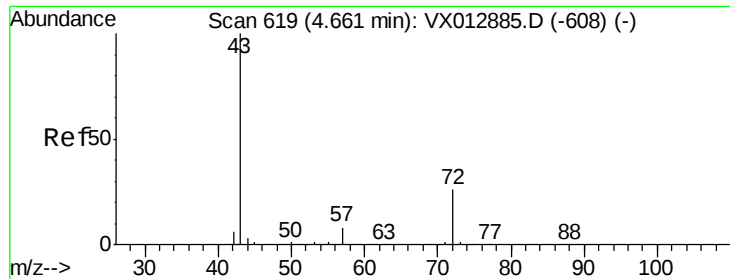
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.5

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 275.329 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 43 Resp: 391998

Ion Ratio Lower Upper

43 100

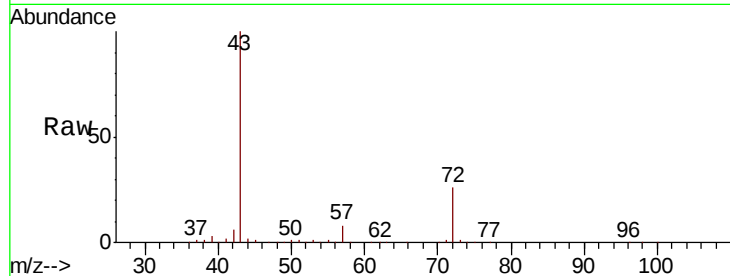
72 26.2 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

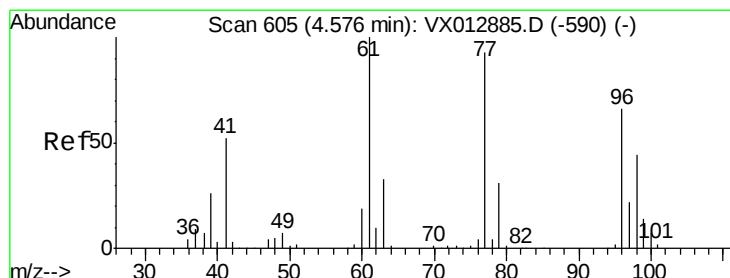
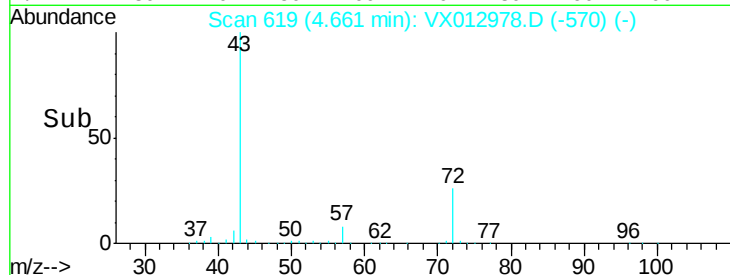
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.582 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012978.D

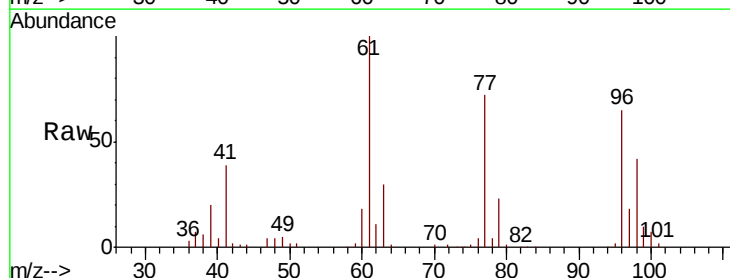
Acq: 10 Oct 2019 06:06

Tgt Ion: 77 Resp: 92962

Ion Ratio Lower Upper

77 100

97 25.2 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

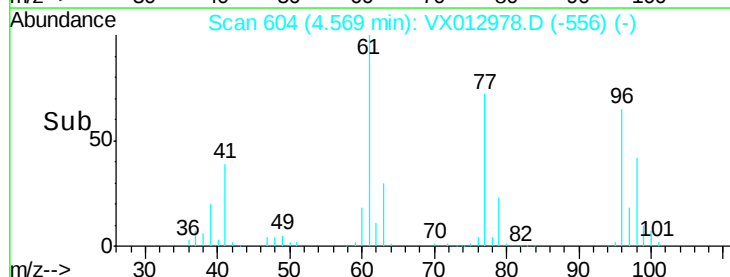
20000

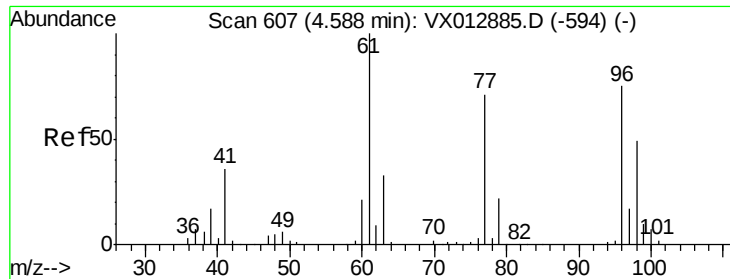
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

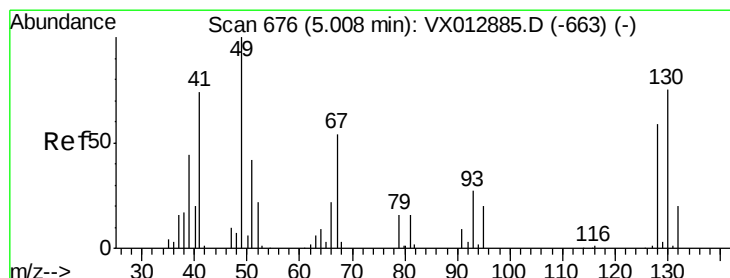
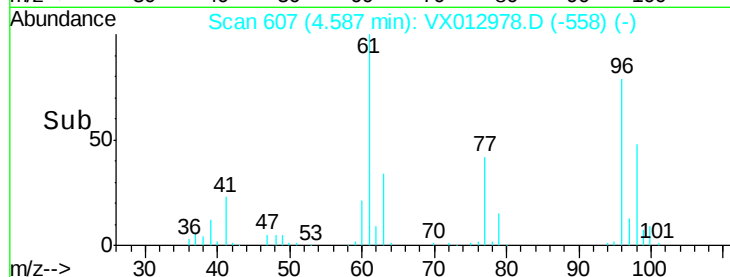
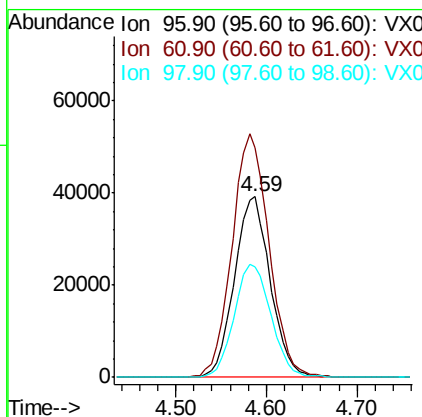
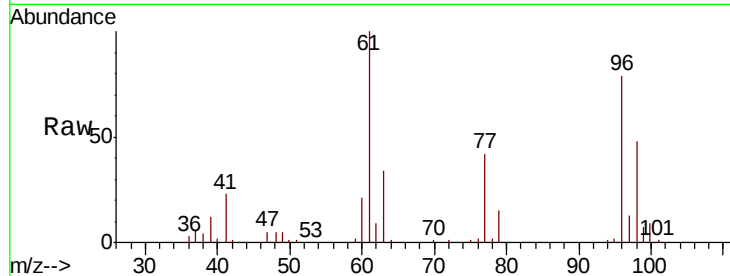
cis-1,2-Dichloroethene
Concen: 55.435 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	107809		
61	138.6	0.0	290.6	
98	64.3	0.0	128.8	

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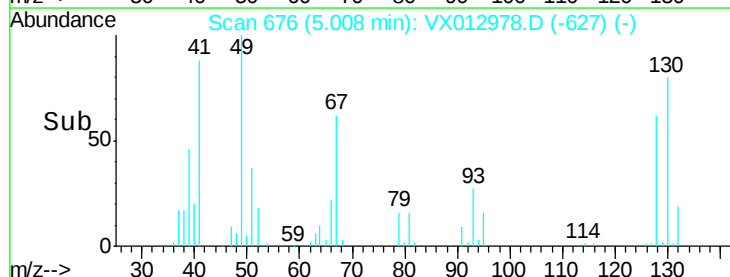
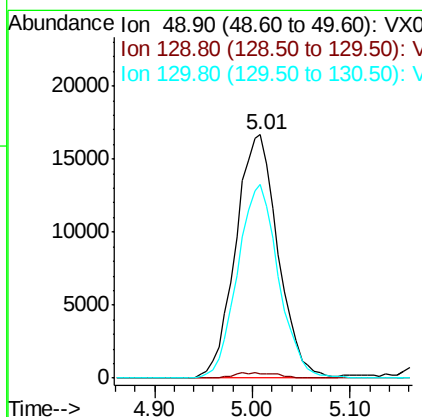
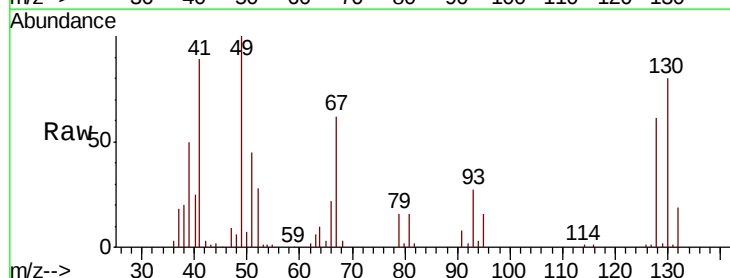
MMDadoda
10/10/2019 9:04:50 AM

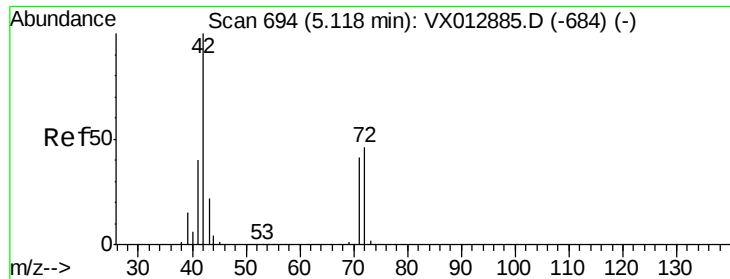


#28

Bromochloromethane
Concen: 55.435 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	50021		
129	2.2	0.0	4.2	
130	77.2	62.1	93.1	





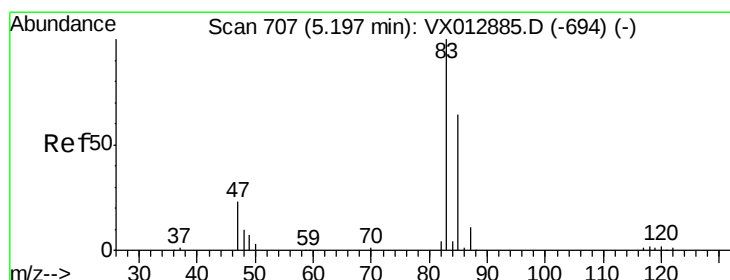
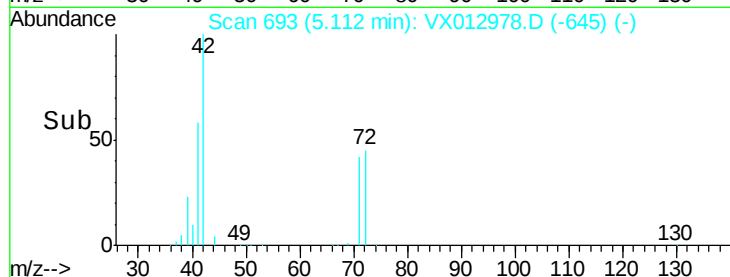
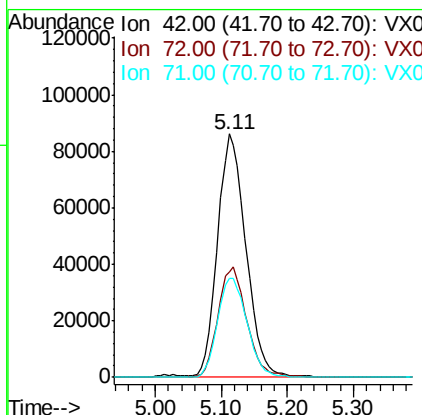
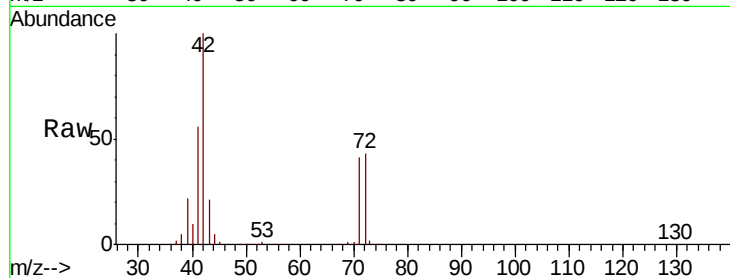
#29
Tetrahydrofuran
Concen: 290.934 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.9	55.3
71	42.6	33.5	50.3

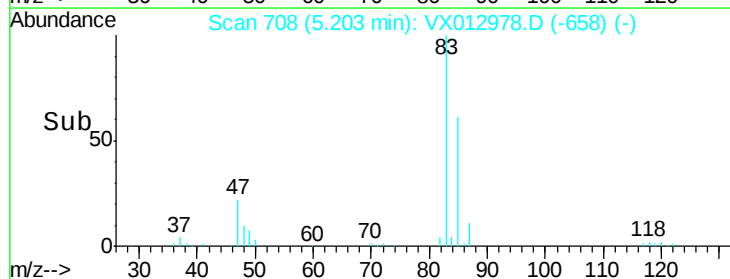
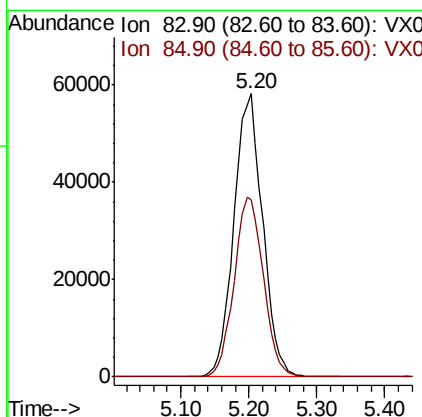
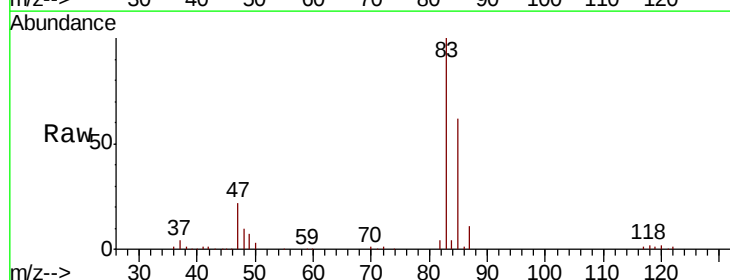
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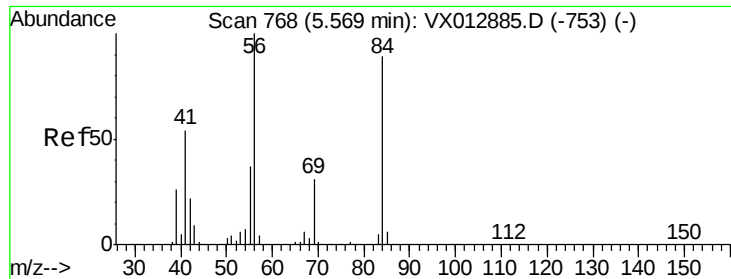
MMDadoda
10/10/2019 9:04:50 AM



#30
Chloroform
Concen: 55.058 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.5	77.3





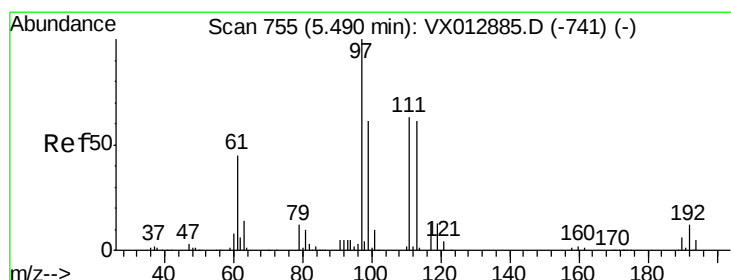
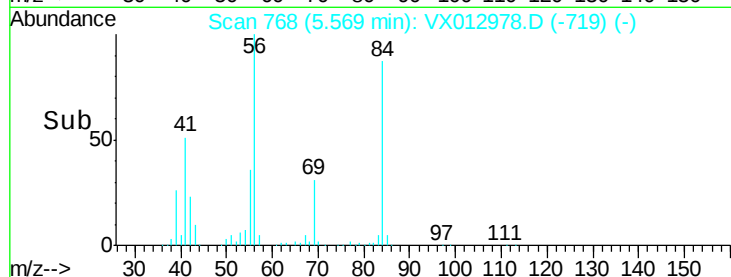
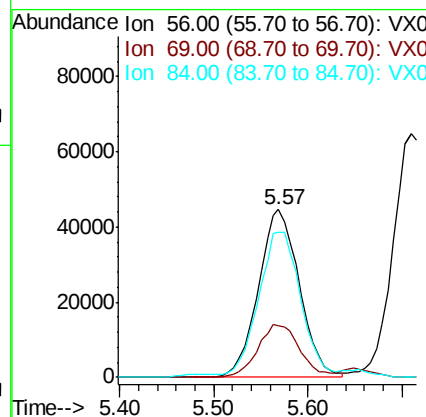
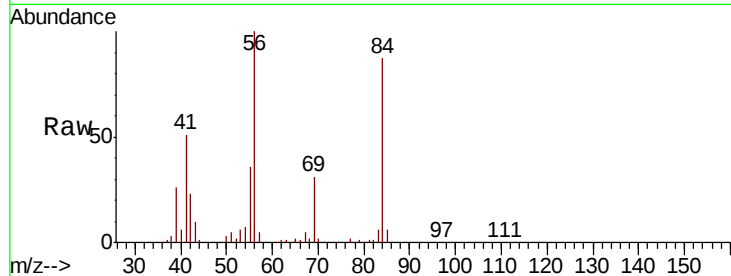
#31
Cyclohexane
Concen: 47.864 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.2	37.8
84	85.2	71.3	106.9

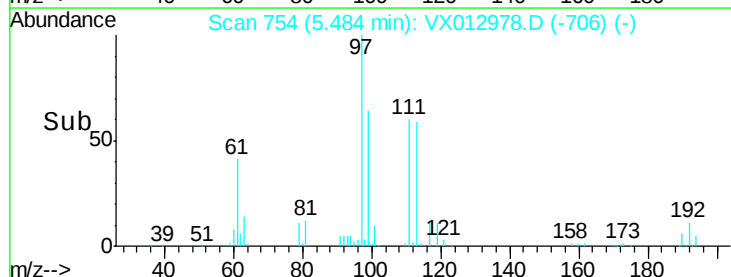
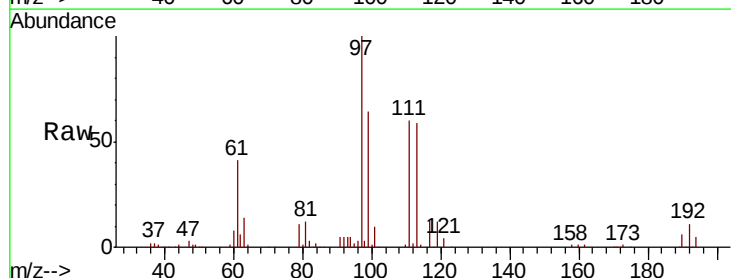
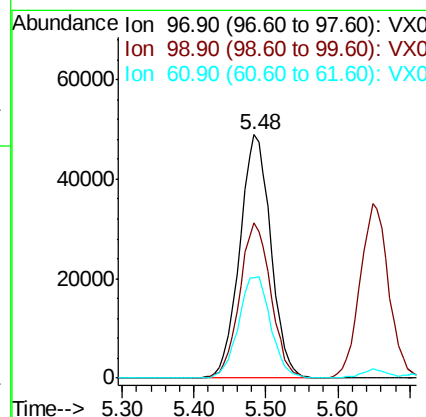
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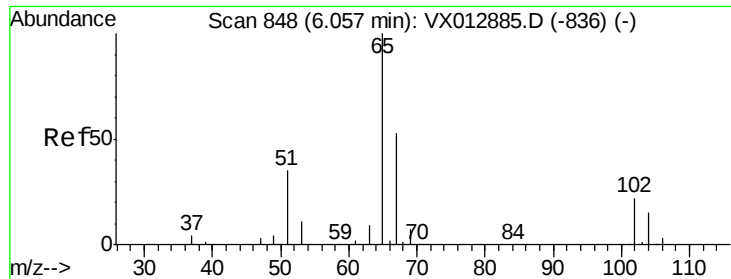
MMDadoda
10/10/2019 9:04:50 AM



#32
1,1,1-Trichloroethane
Concen: 55.827 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.3	78.5
61	43.0	35.0	52.4





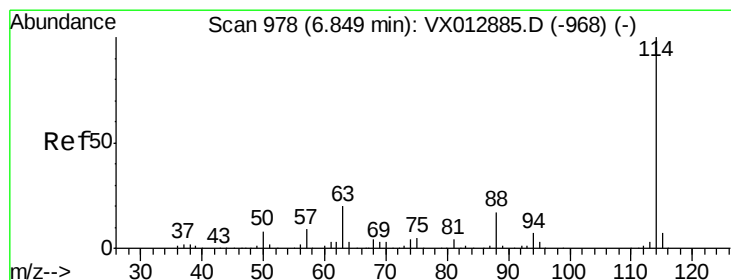
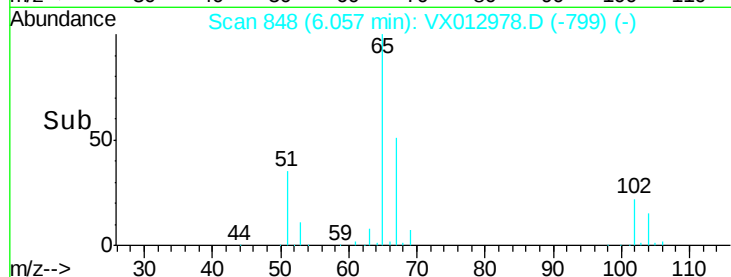
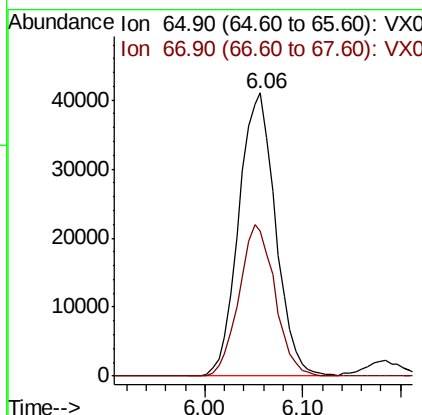
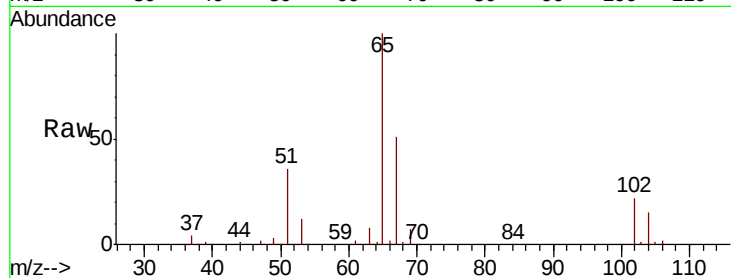
#33
 1,2-Dichloroethane-d4
 Concen: 55.082 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.4

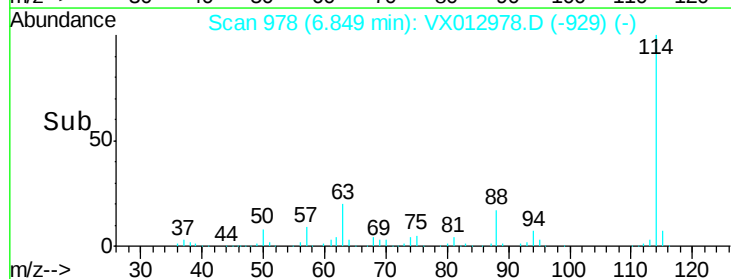
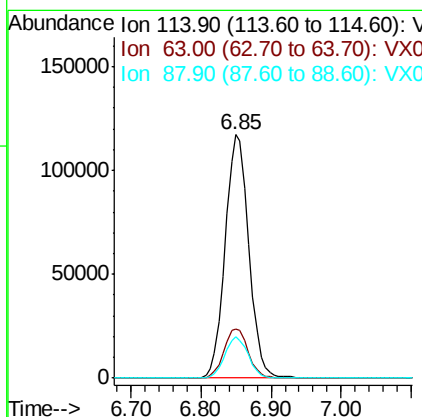
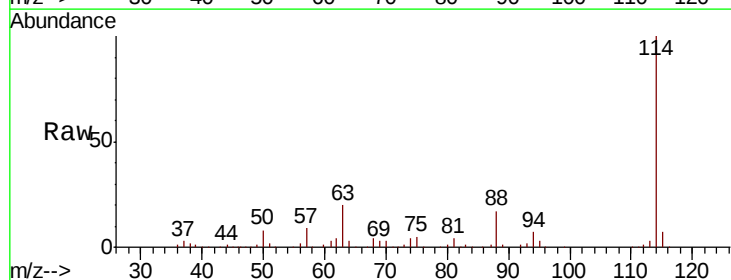
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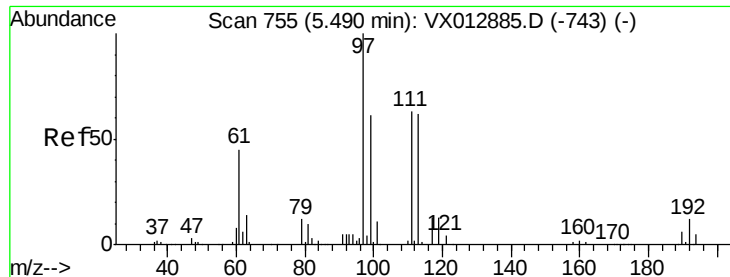
MMDadoda
 10/10/2019 9:04:50 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.8	0.0	33.8





#35

Dibromofluoromethane

Concen: 52.689 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion:113 Resp: 83293

Ion Ratio Lower Upper

113 100

111 104.3 83.2 124.8

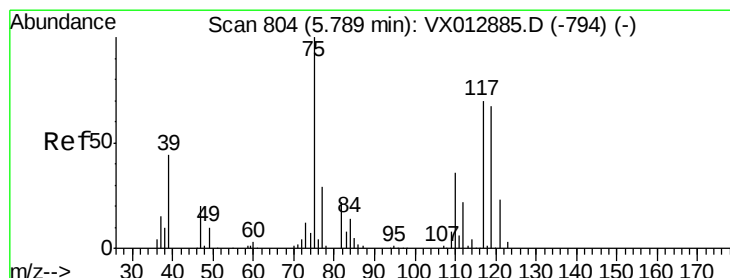
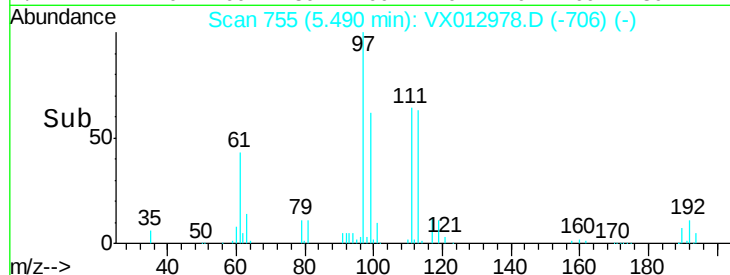
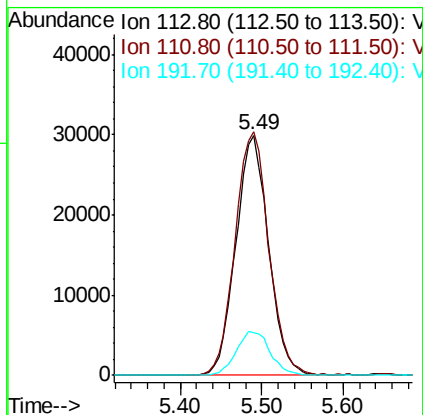
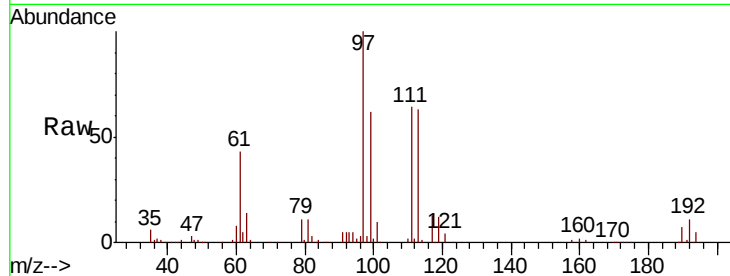
192 18.9 15.4 23.2

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10/10/2019 9:04:50 AM



#36

1,1-Dichloropropene

Concen: 51.231 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

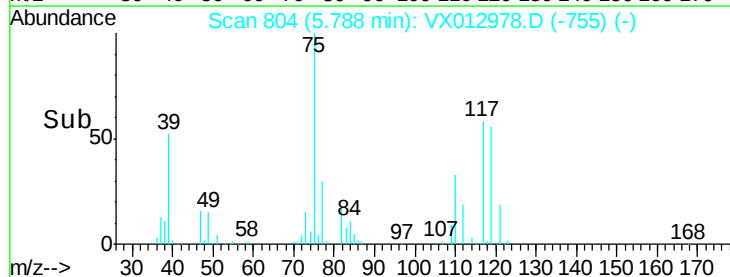
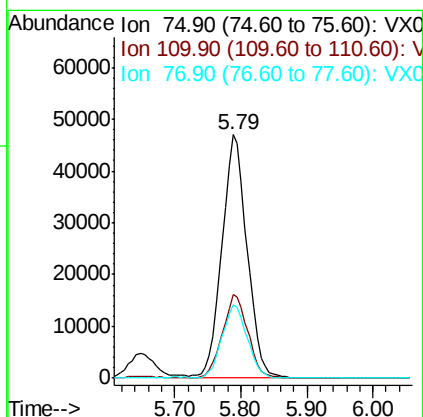
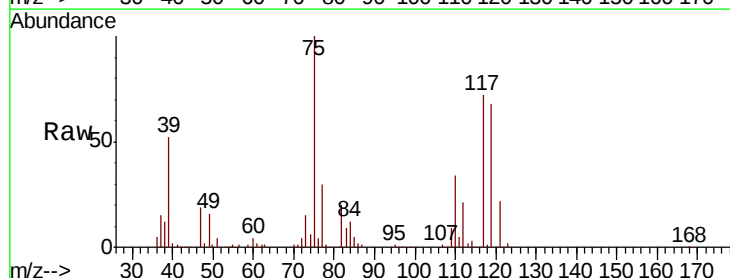
Tgt Ion: 75 Resp: 124062

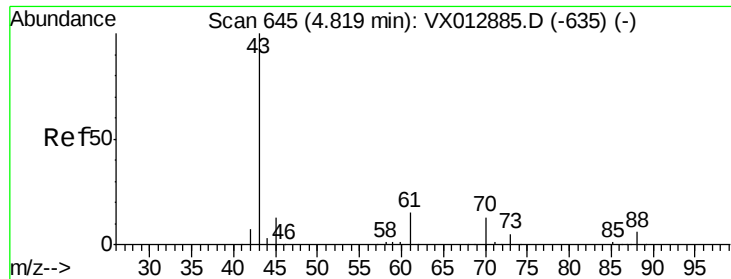
Ion Ratio Lower Upper

75 100

110 34.6 17.6 52.9

77 30.4 24.4 36.6





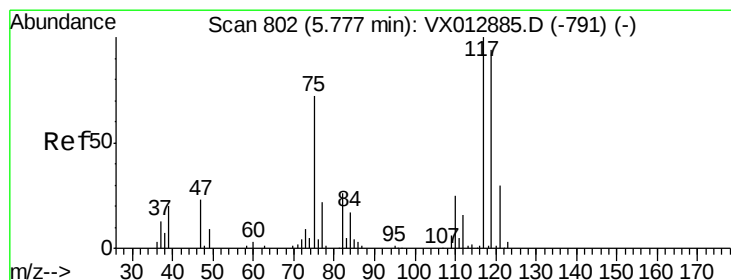
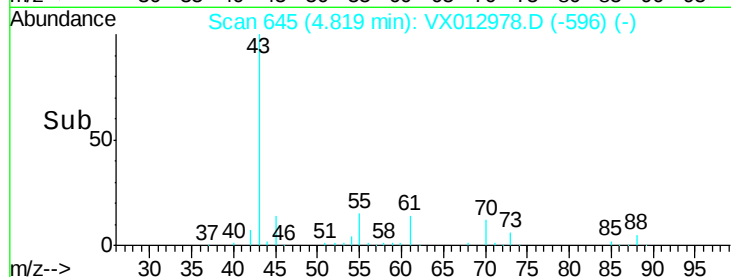
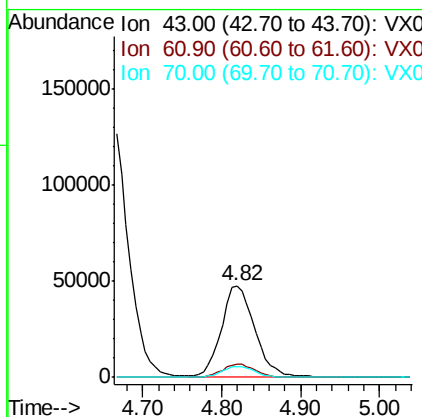
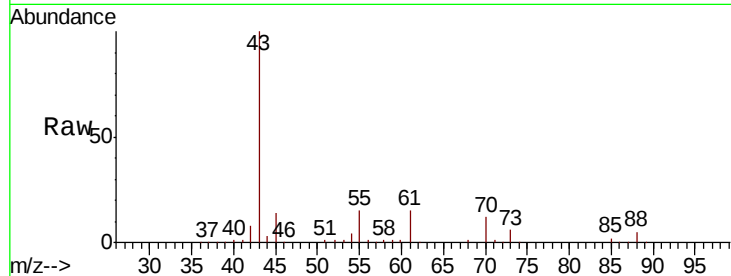
#37
Ethyl Acetate
Concen: 51.478 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.4	17.0
70	11.8	9.8	14.6

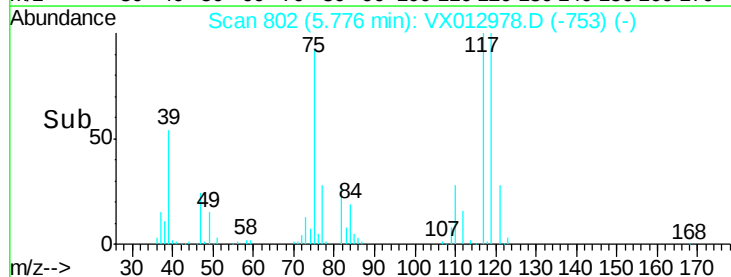
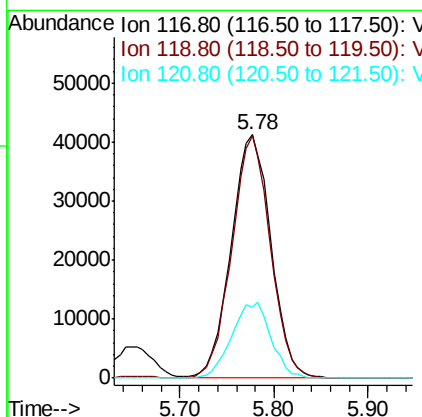
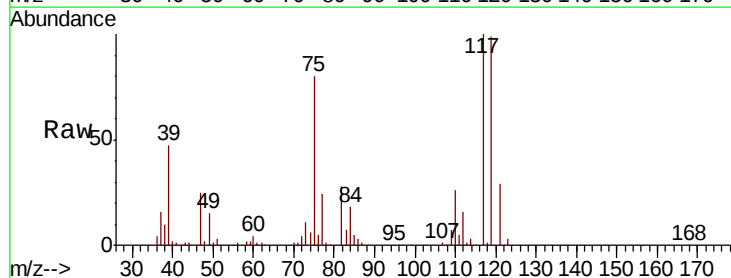
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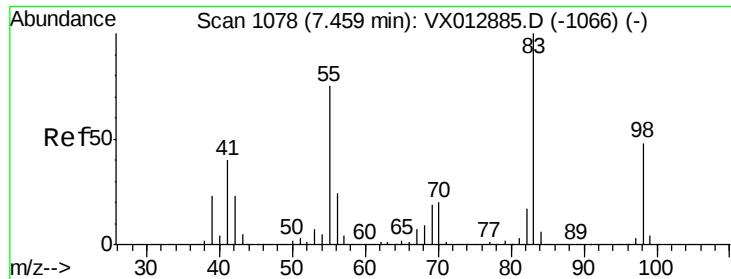
MMDadoda
10/10/2019 9:04:50 AM



#38
Carbon Tetrachloride
Concen: 51.496 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	74.5	111.7
121	29.0	24.2	36.4





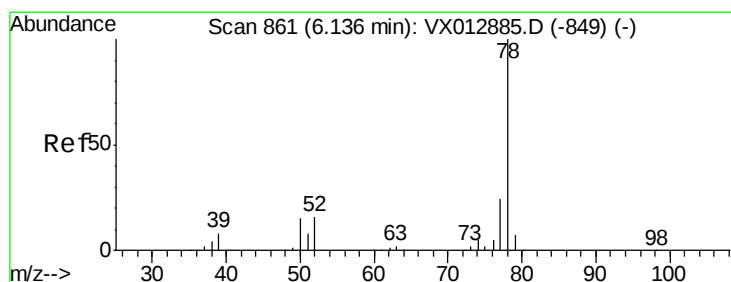
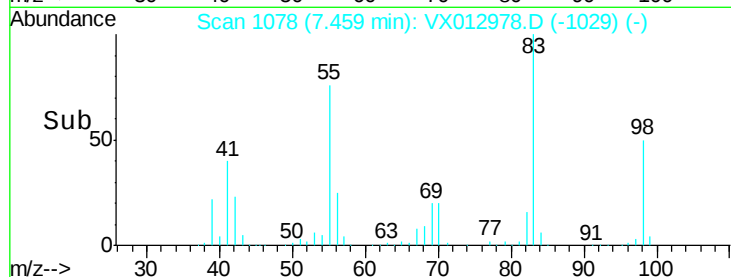
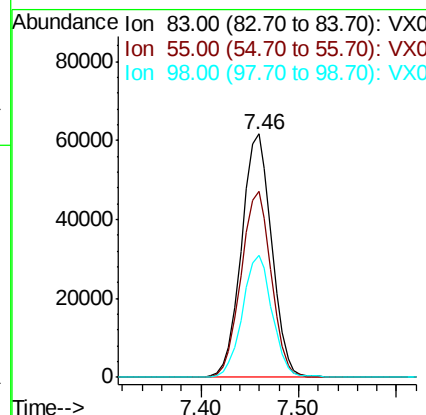
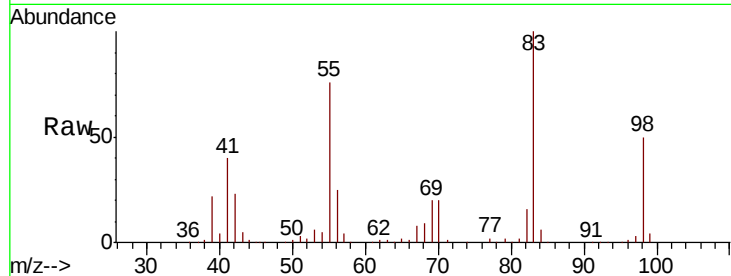
#39
Methvlcvclohexane
Concen: 45.177 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.2	90.4
98	50.3	38.5	57.7

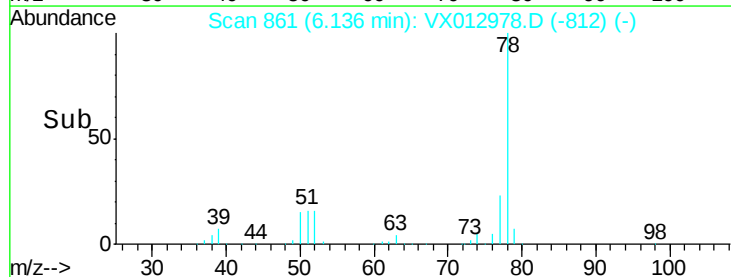
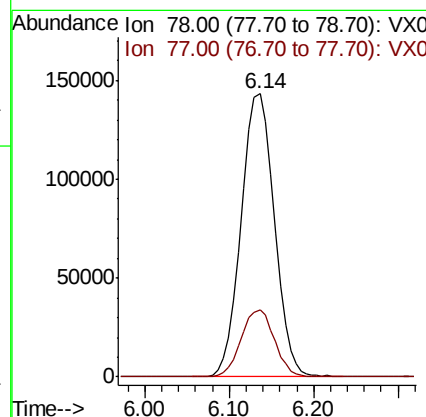
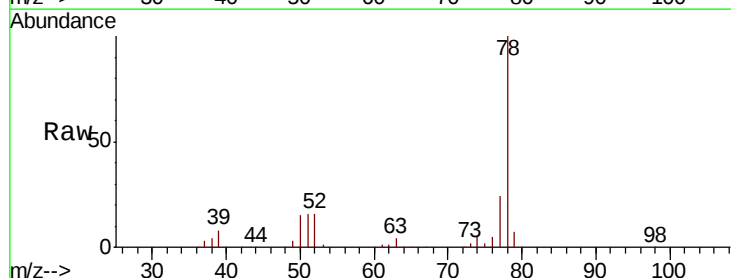
Manual Integrations
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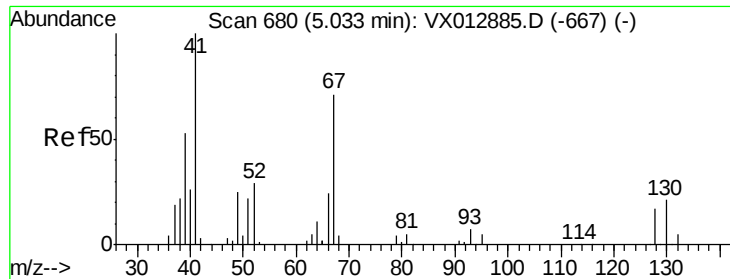
MMDadoda
10/10/2019 9:04:50 AM



#40
Benzene
Concen: 53.398 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41

Methacrylonitrile

Concen: 54.042 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 41 Resp: 80410
Ion Ratio Lower Upper

41 100

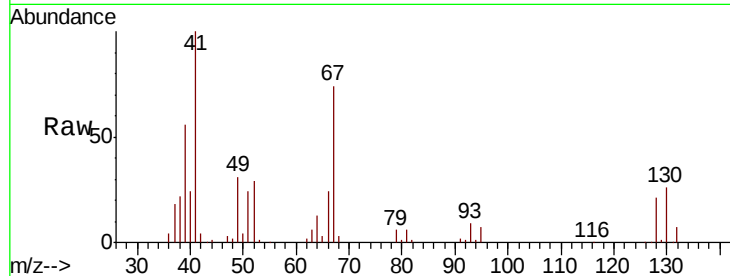
39 54.3 44.0 66.0

67 74.4 58.5 87.7

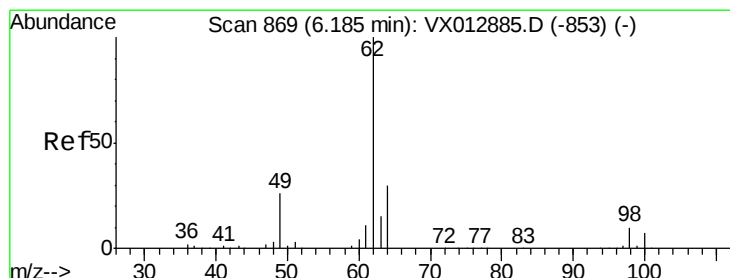
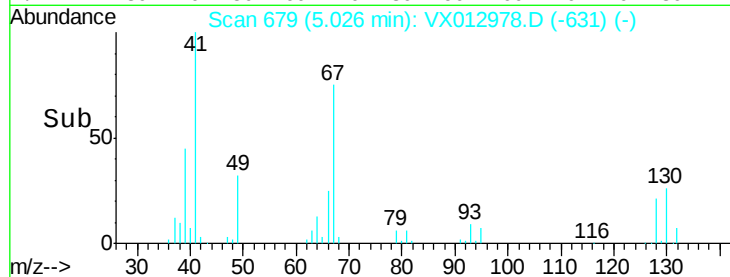
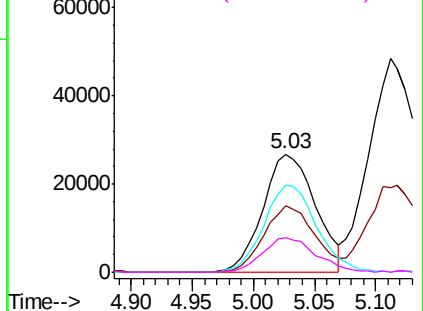
52 30.1 23.8 35.8

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.742 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

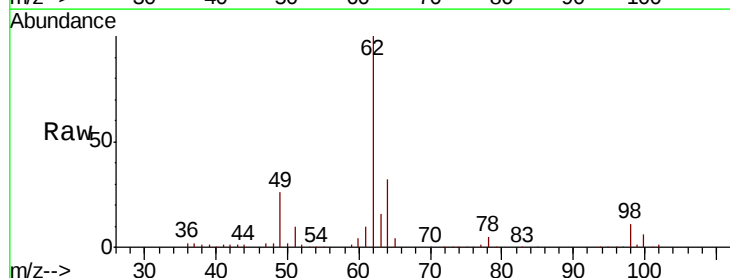
Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

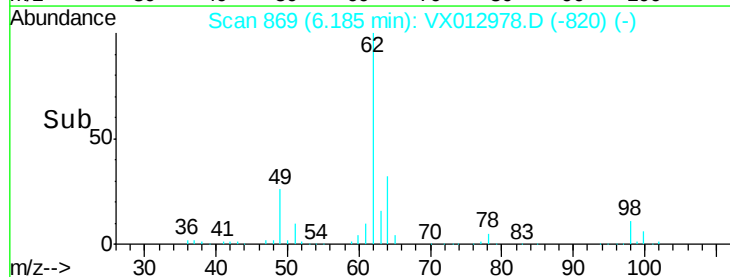
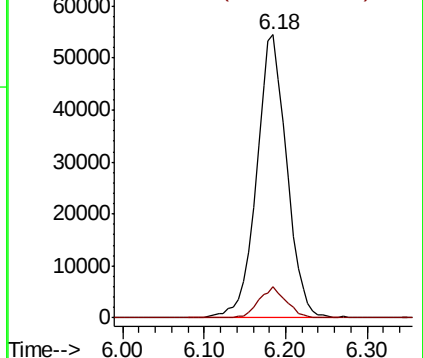
Tgt Ion: 62 Resp: 140492
Ion Ratio Lower Upper

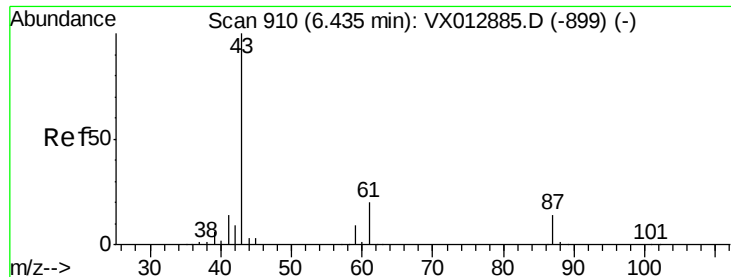
62 100

98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

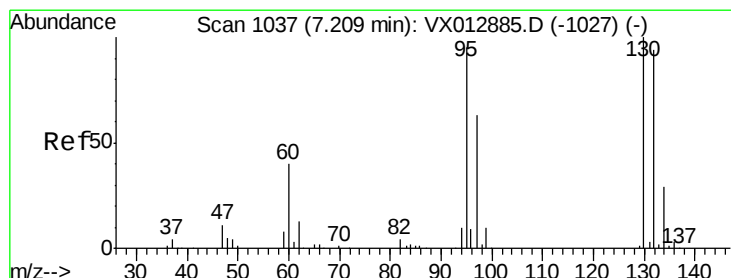
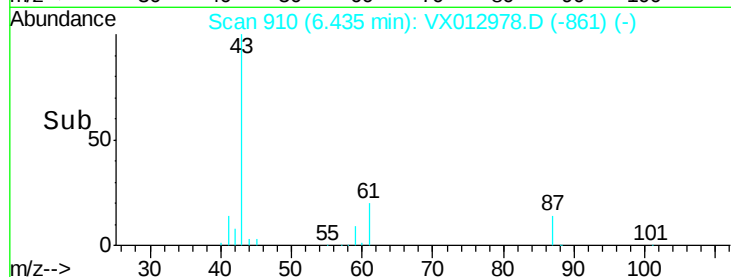
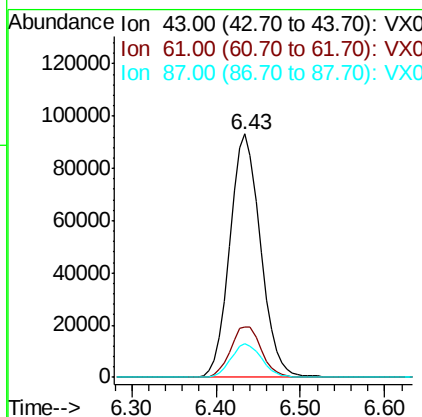
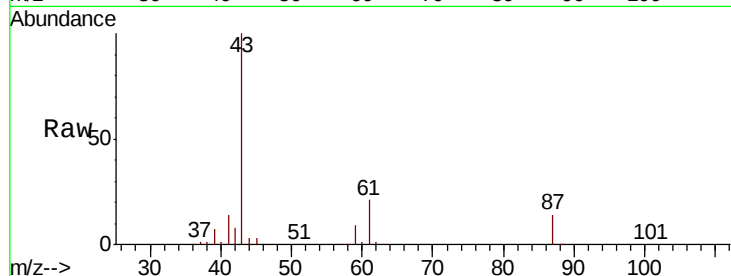
Isopropyl Acetate
 Concen: 52.918 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.6	24.8
87	13.9	11.0	16.6

Manual Integrations
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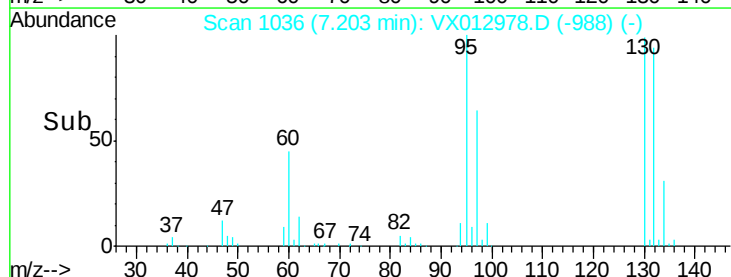
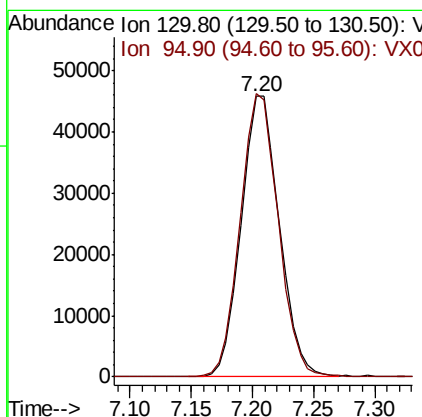
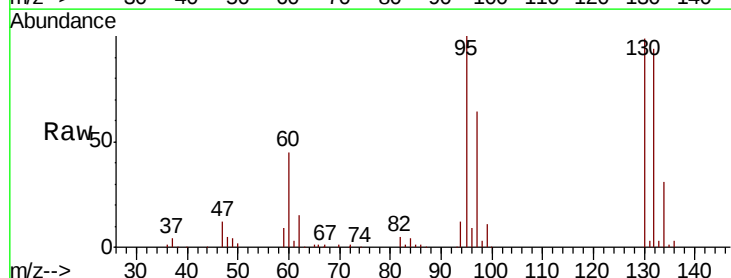
MMDadoda
 10/10/2019 9:04:50 AM

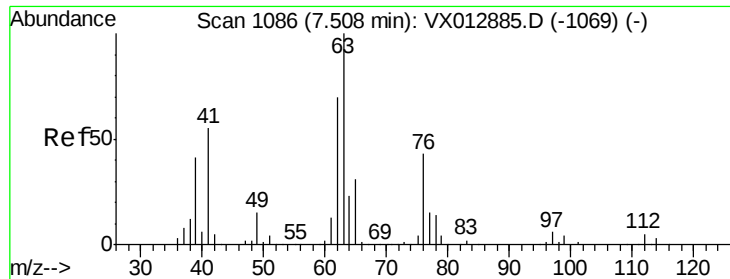


#44

Trichloroethene
 Concen: 50.200 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	189.2





#45

1,2-Dichloropropane

Concen: 54.238 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 63 Resp: 98869

Ion Ratio Lower Upper

63 100

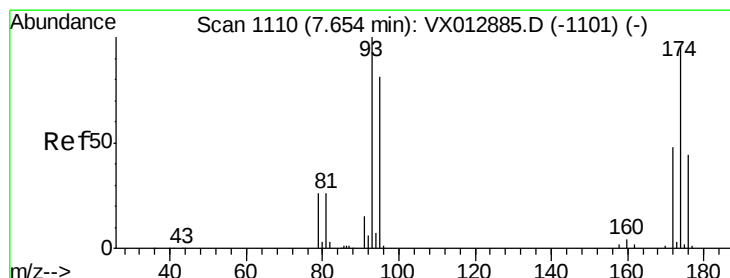
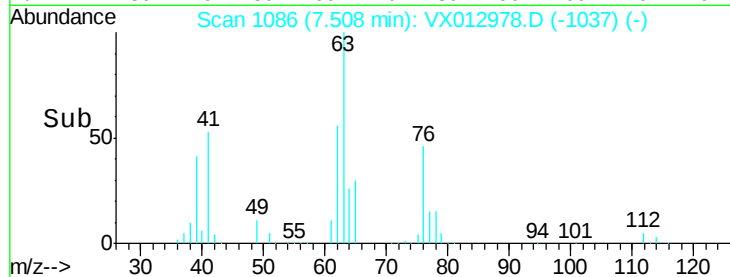
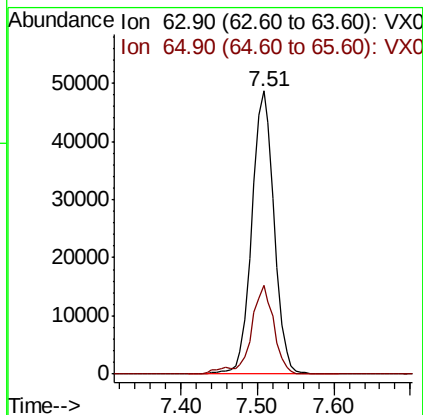
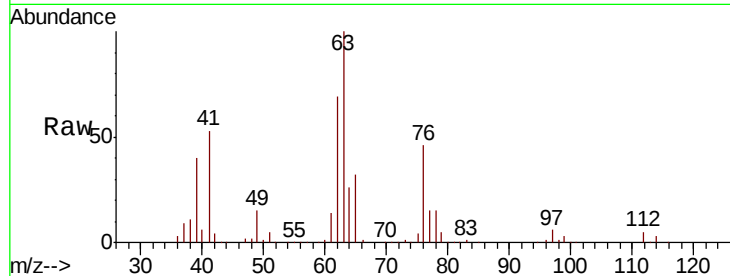
65 31.6 24.6 37.0

Manual Integrations

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10/10/2019 9:04:50 AM



#46

Dibromomethane

Concen: 55.770 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

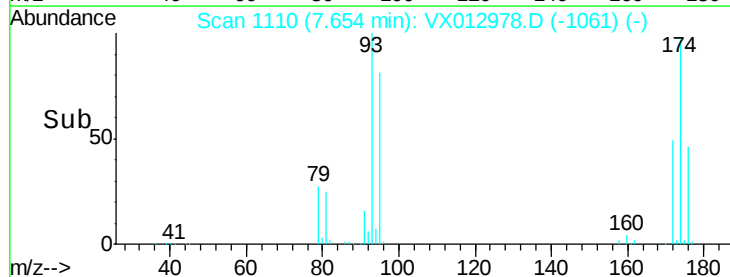
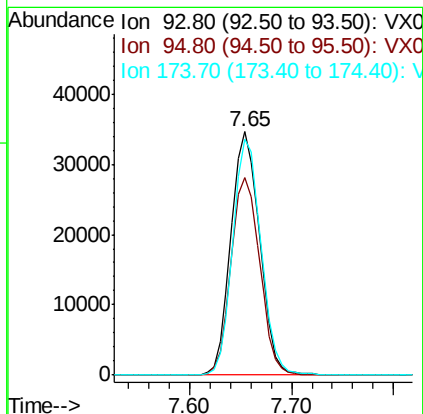
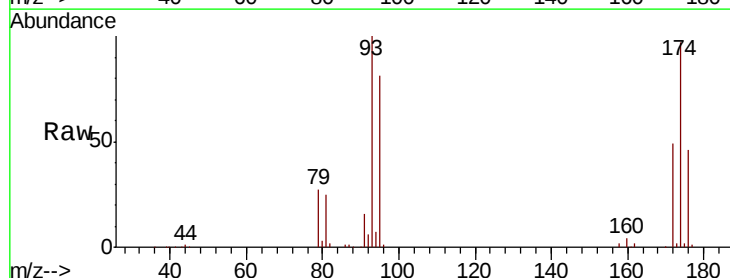
Tgt Ion: 93 Resp: 67733

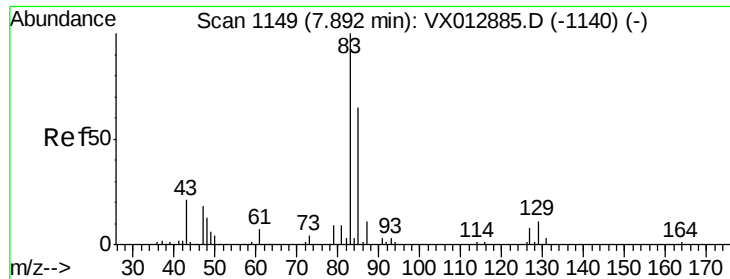
Ion Ratio Lower Upper

93 100

95 81.3 66.3 99.5

174 94.8 77.8 116.6





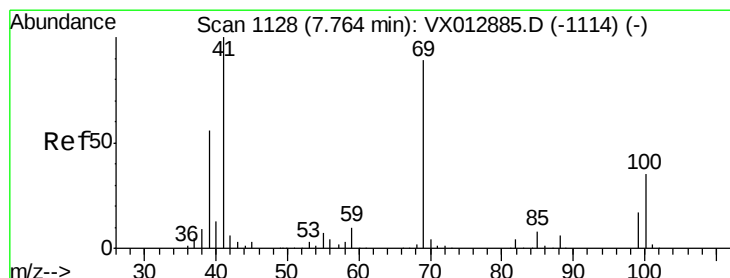
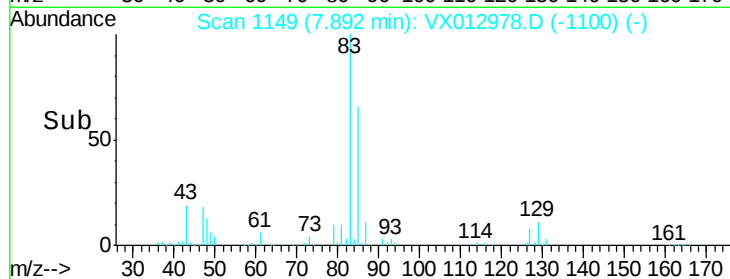
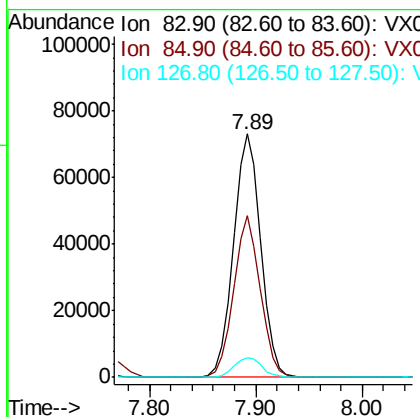
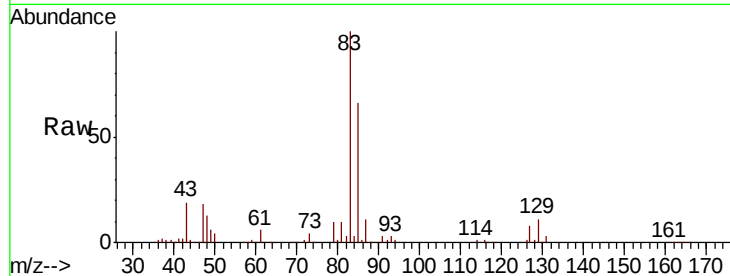
#47
 Bromodichloromethane
 Concen: 55.173 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	83	Resp	130767
Ion Ratio	100	Lower	Upper
83	100		
85	66.5	52.4	78.6
127	8.2	6.6	10.0

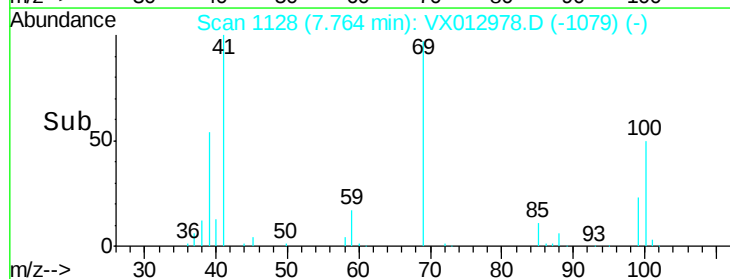
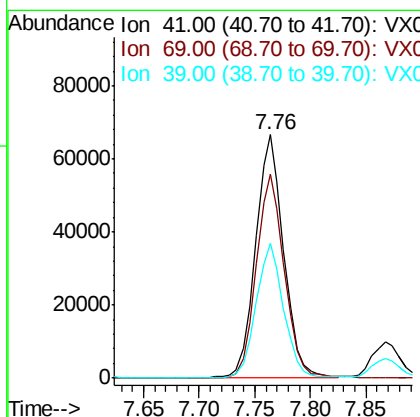
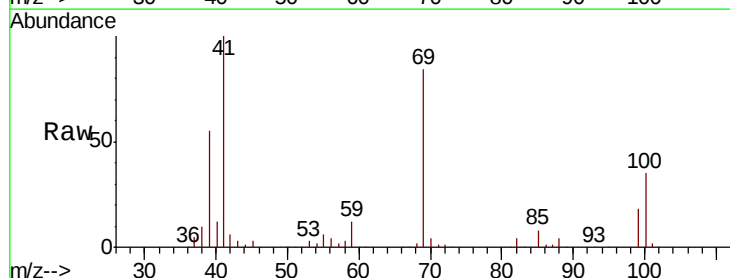
Manual Integrations
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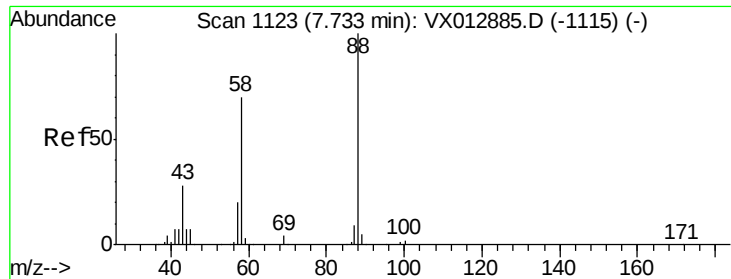
MMDadoda
 10/10/2019 9:04:50 AM



#48
 Methyl methacrylate
 Concen: 54.957 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion	41	Resp	116395
Ion Ratio	100	Lower	Upper
41	100		
69	84.3	68.7	103.1
39	55.1	44.3	66.5





#49

1,4-Dioxane

Concen: 1058.766 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

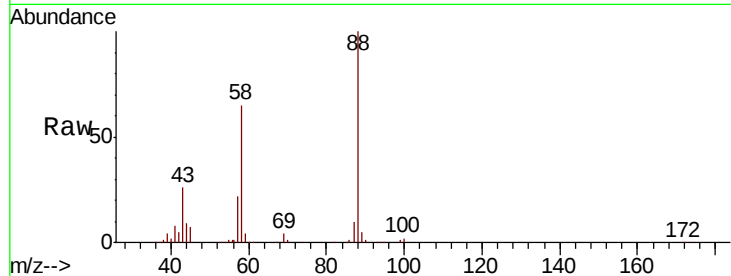
ClientSampleId :

FA19-MMW0010MS

Tot Ion:	88	Resp:	60297
Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.0	37.6
58	70.2	55.4	83.2

Manual Integrations
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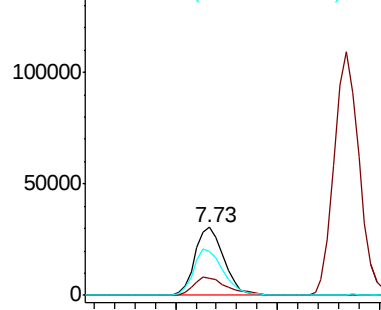


Abundance

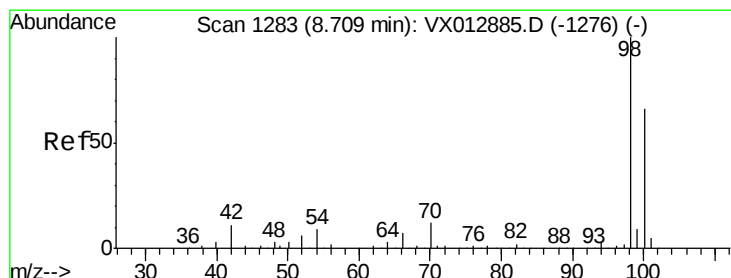
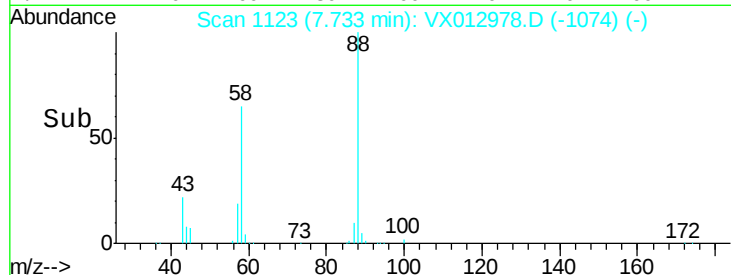
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 50.809 ug/l

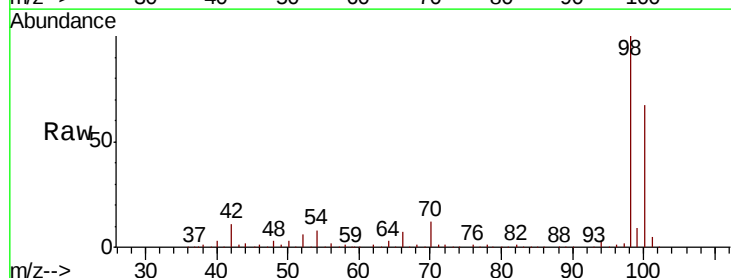
RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

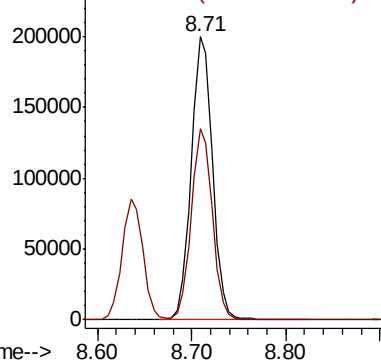
Tgt Ion:	98	Resp:	313271
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2



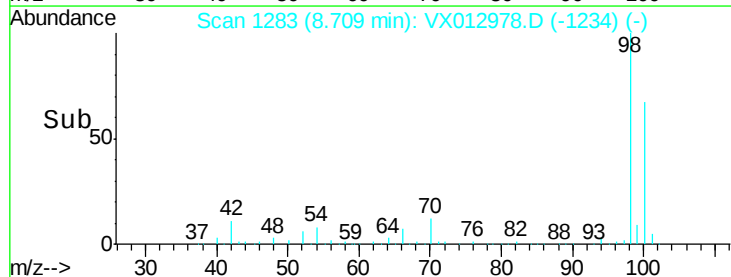
Abundance

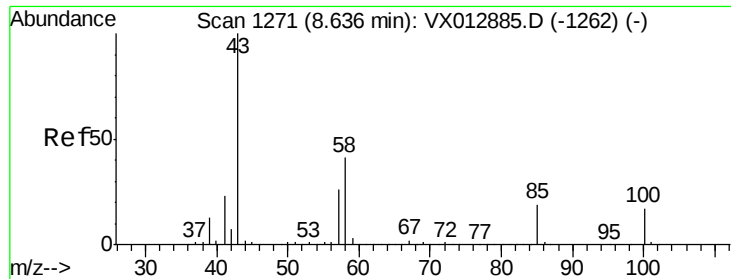
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 279.597 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 43 Resp: 757628

Ion Ratio Lower Upper

43 100

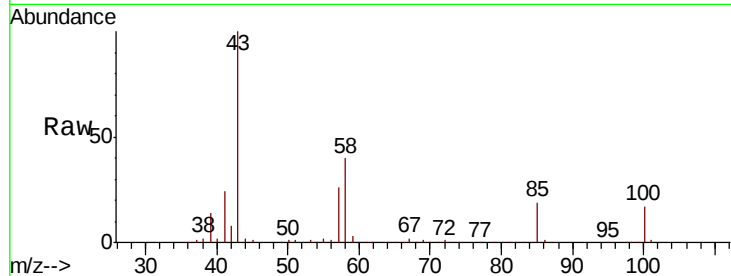
58 40.6 32.4 48.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

500000

400000

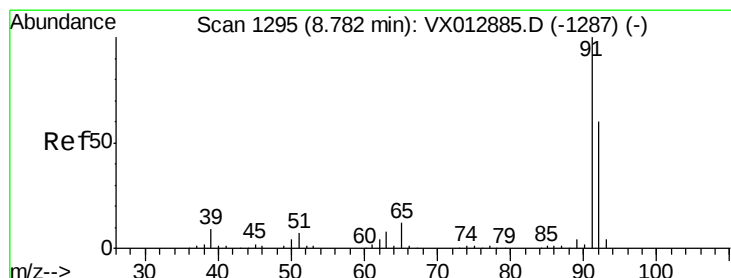
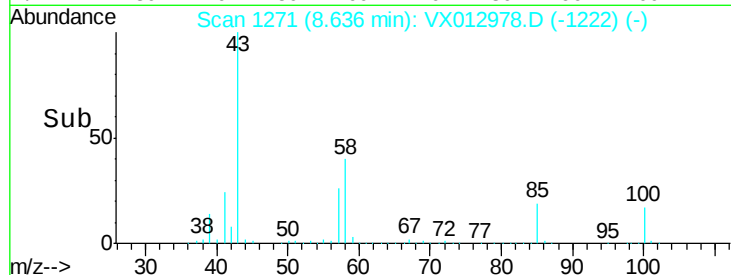
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.186 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012978.D

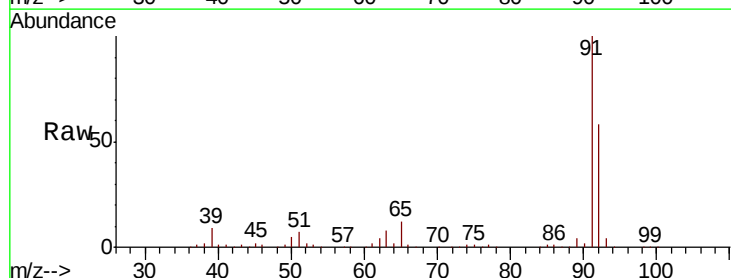
Acq: 10 Oct 2019 06:06

Tgt Ion: 92 Resp: 238785

Ion Ratio Lower Upper

92 100

91 168.8 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

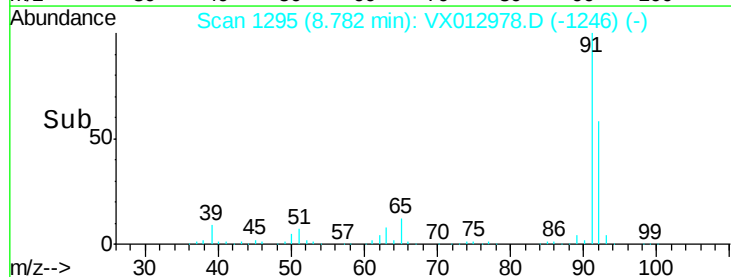
150000

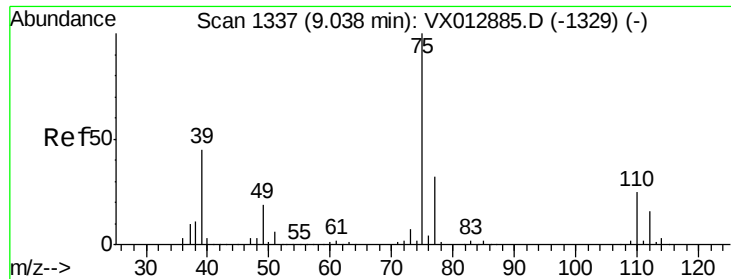
100000

50000

0

Time-->





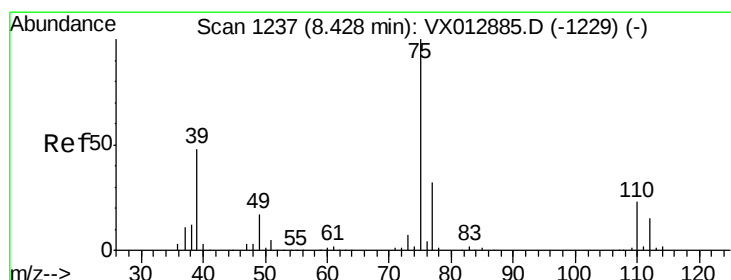
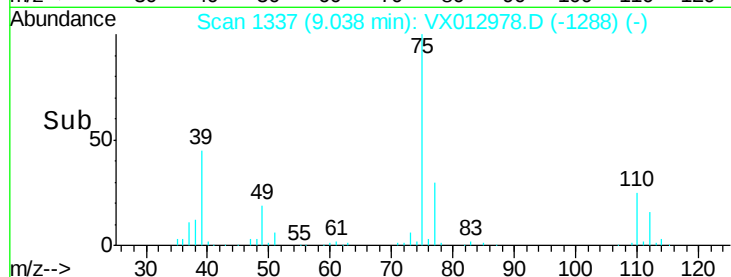
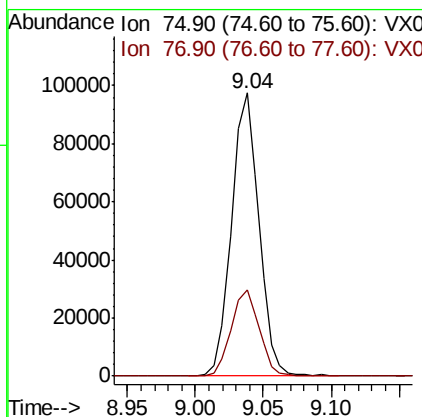
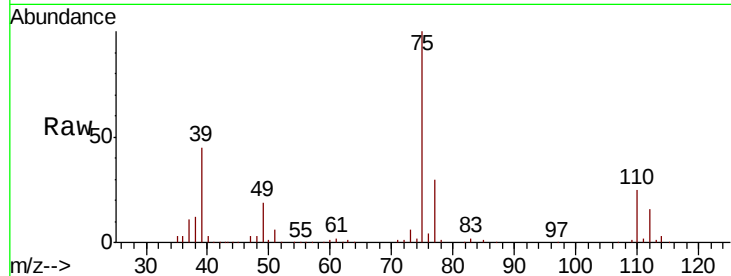
#53
t-1,3-Dichloropropene
Concen: 46.277 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion: 75 Resp: 136379
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6

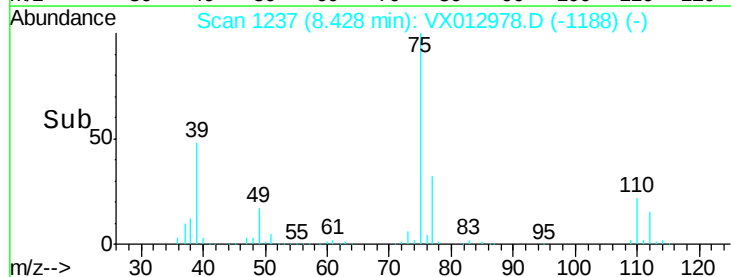
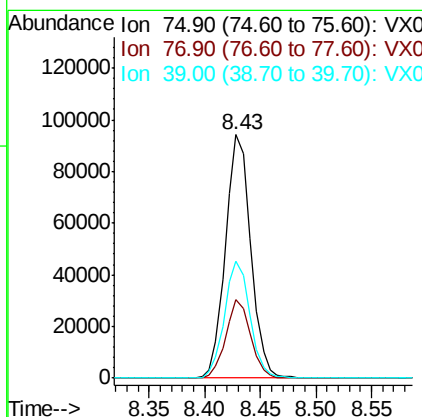
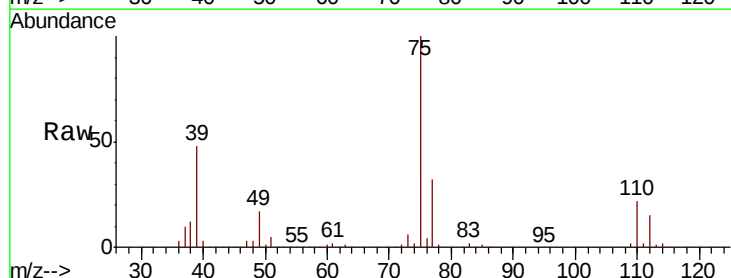
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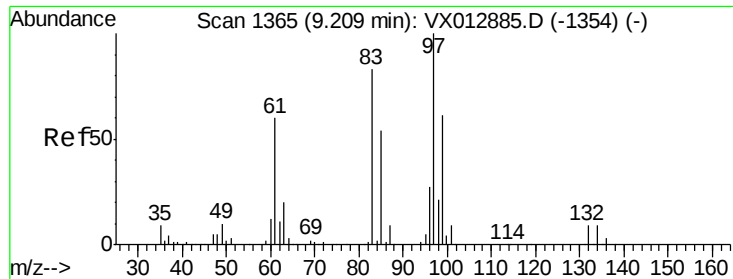
MMDadoda
10/10/2019 9:04:50 AM



#54
cis-1,3-Dichloropropene
Concen: 50.938 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 75 Resp: 148485
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 47.9 38.2 57.2





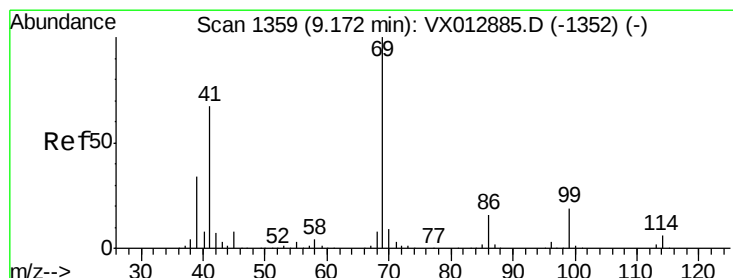
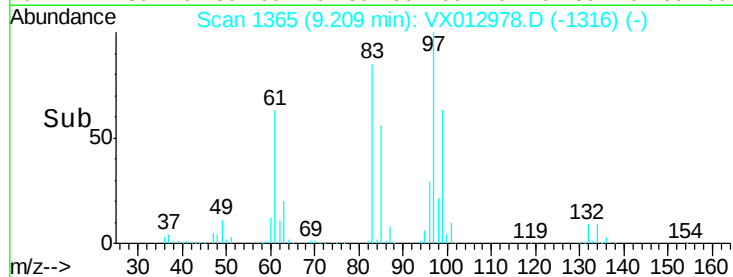
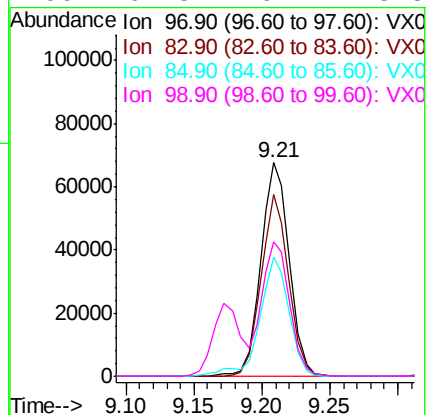
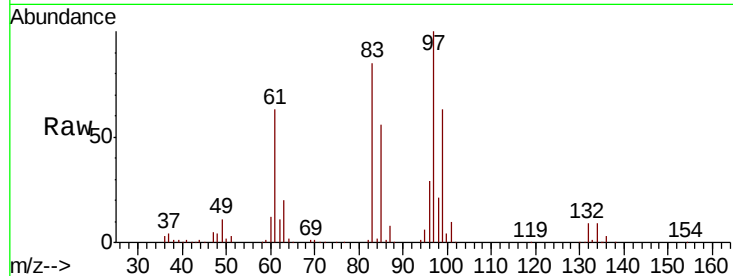
#55
1,1,2-Trichloroethane
Concen: 54.696 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion:	97	Resp:	99044
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.5	99.7
85	55.6	43.1	64.7
99	62.5	49.2	73.8

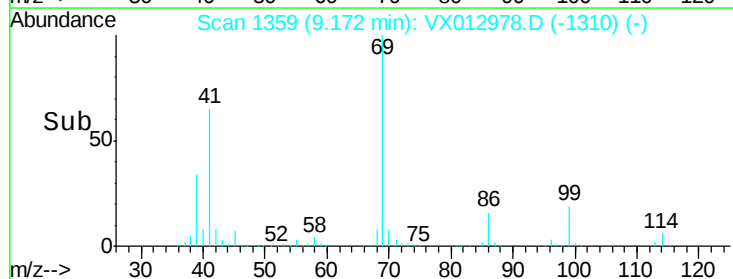
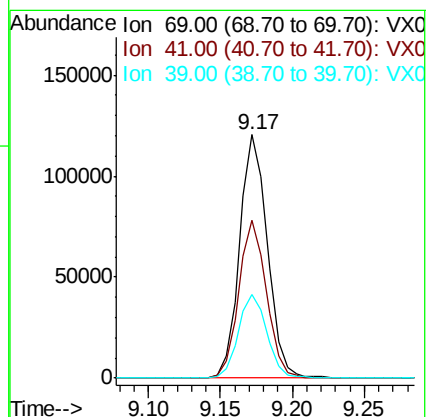
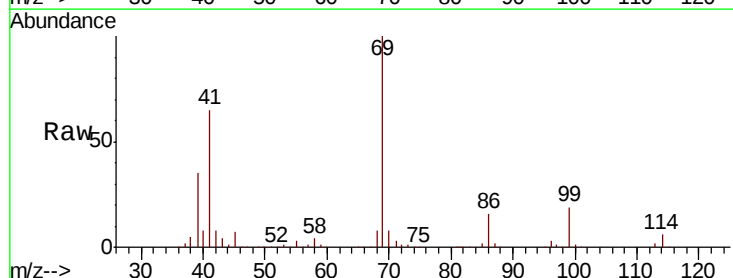
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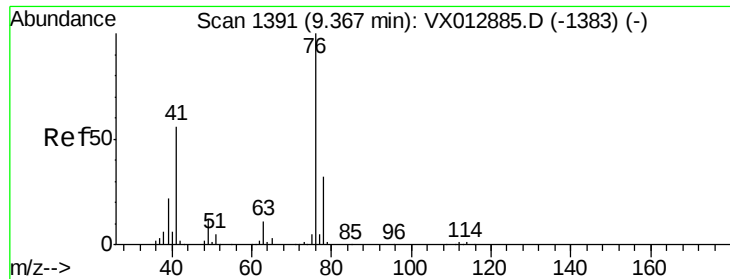
MMDadoda
10/10/2019 9:04:50 AM



#56
Ethyl methacrylate
Concen: 49.882 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion:	69	Resp:	161731
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.1	78.1
39	35.5	27.8	41.8





#57

1,3-Dichloropropane

Concen: 54.508 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 76 Resp: 170739

Ion Ratio Lower Upper

76 100

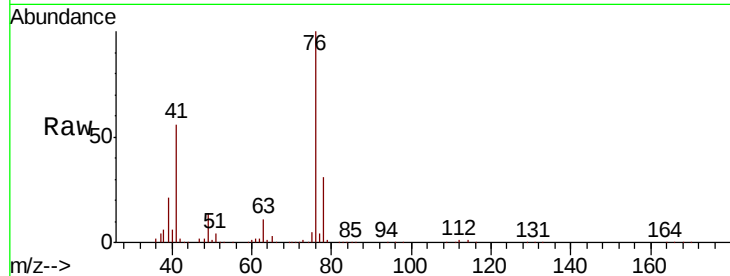
78 32.6 26.1 39.1

Manual Integrations

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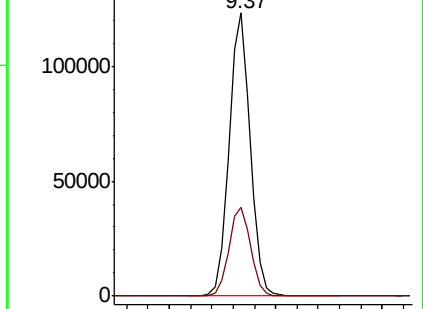
MMDadoda

10/10/2019 9:04:50 AM

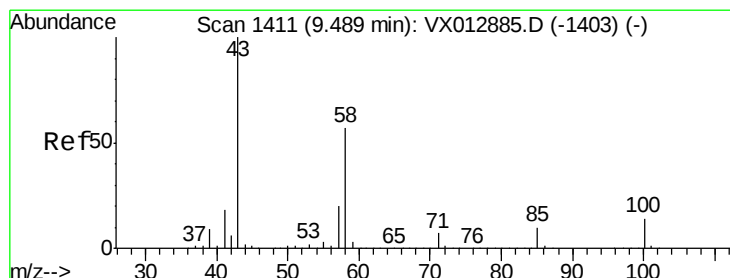
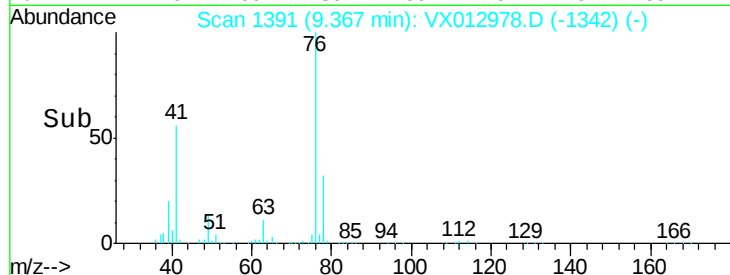


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#59

2-Hexanone

Concen: 273.211 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX012978.D

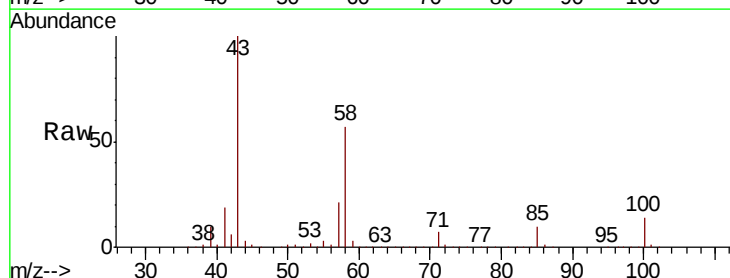
Acq: 10 Oct 2019 06:06

Tgt Ion: 43 Resp: 576295

Ion Ratio Lower Upper

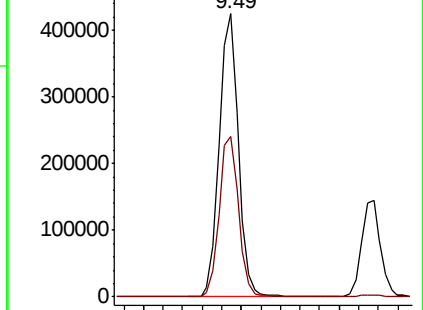
43 100

58 57.4 28.1 84.3

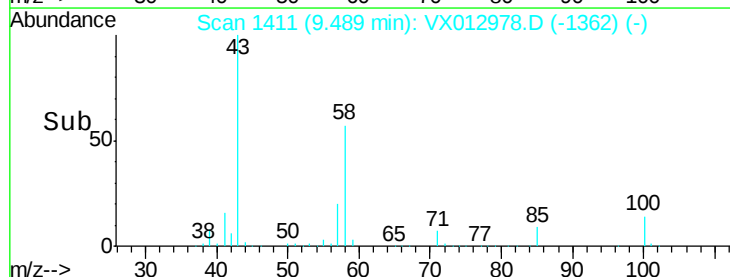


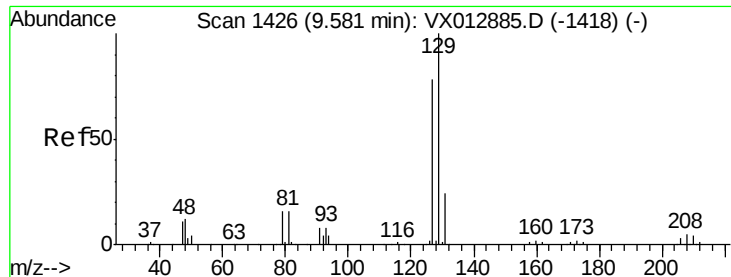
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





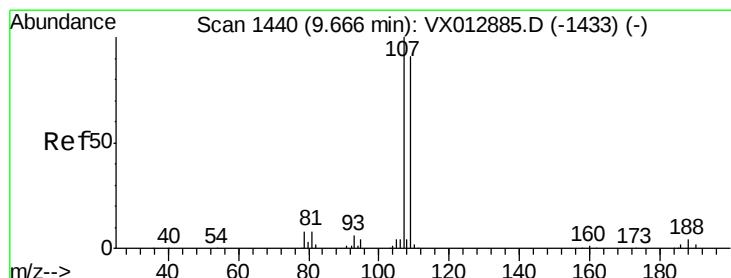
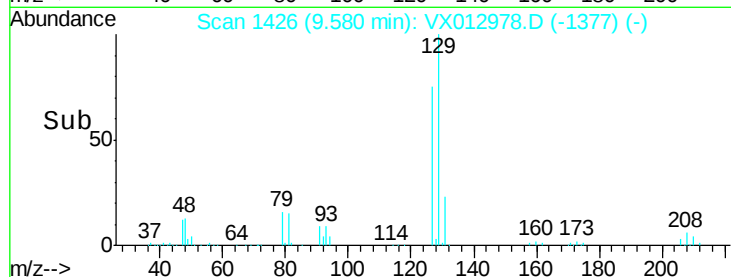
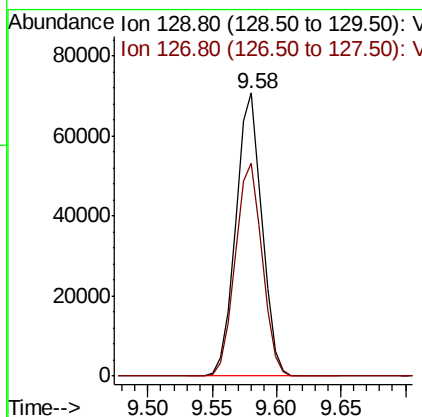
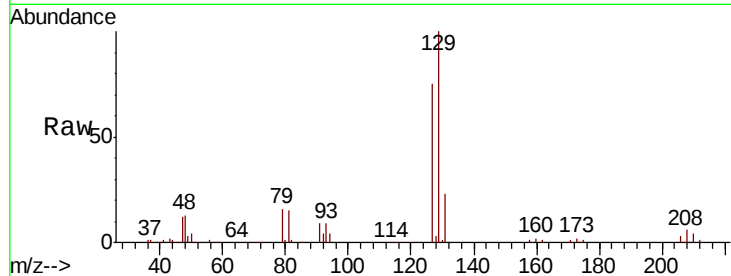
#60
Dibromochloromethane
Concen: 49.648 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.9	116.7

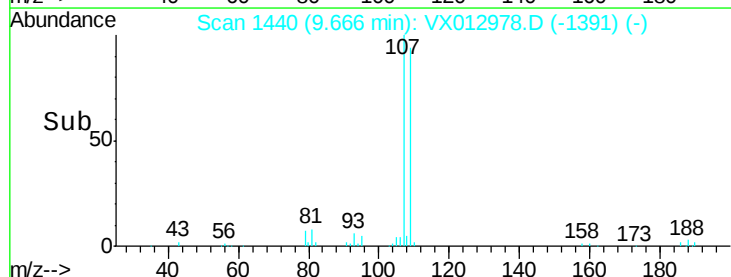
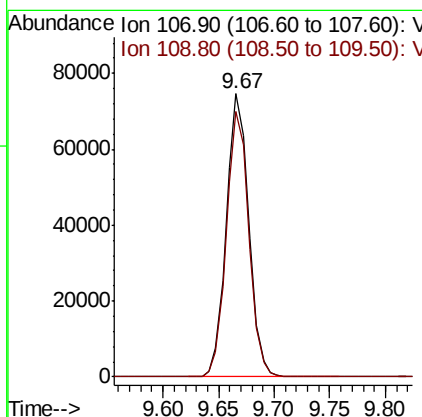
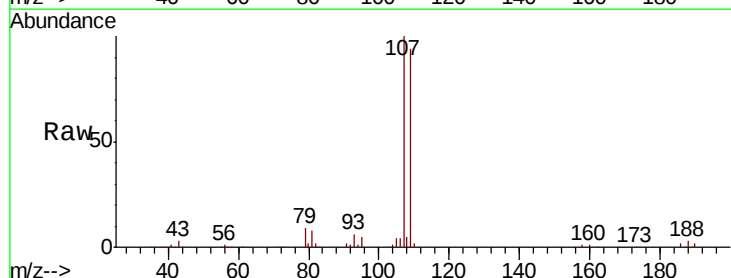
Manual Integrations
APPROVED

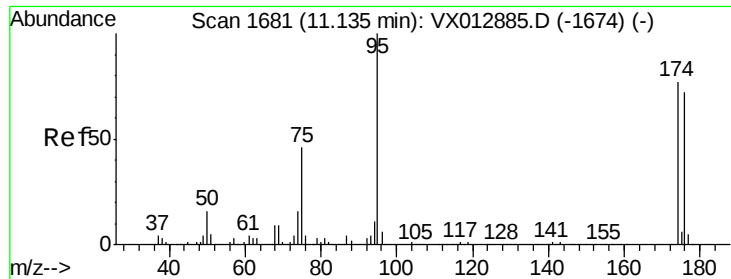
MMDadoda
10/10/2019 9:04:50 AM



#61
1,2-Dibromoethane
Concen: 54.661 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.6





#62

4-Bromofluorobenzene

Concen: 50.533 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 95 Resp: 121062

Ion Ratio Lower Upper

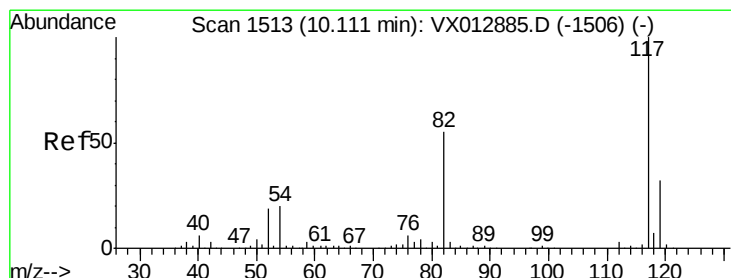
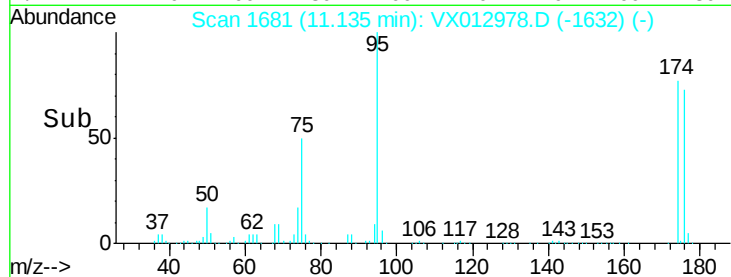
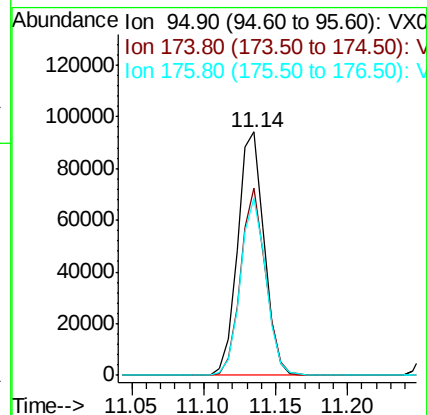
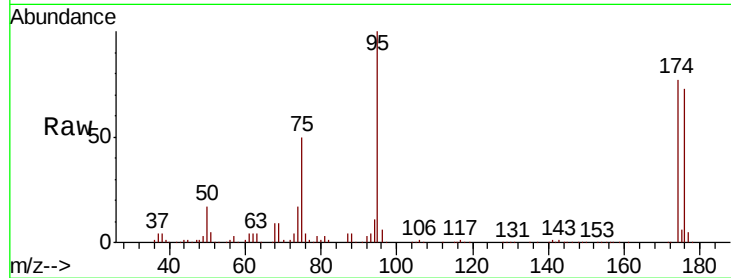
95 100

174 72.3 0.0 143.4

176 70.0 0.0 136.0

Manual Integrations
APPROVED

MMDadoda
10/10/2019 9:04:50 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

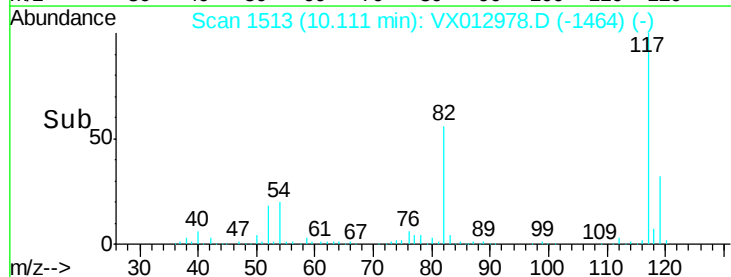
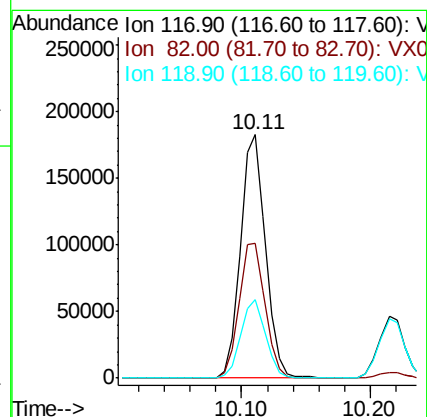
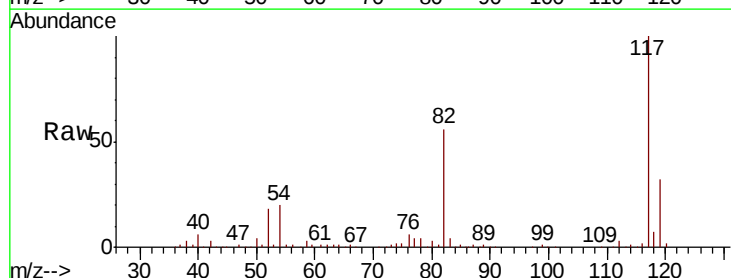
Tgt Ion: 117 Resp: 246033

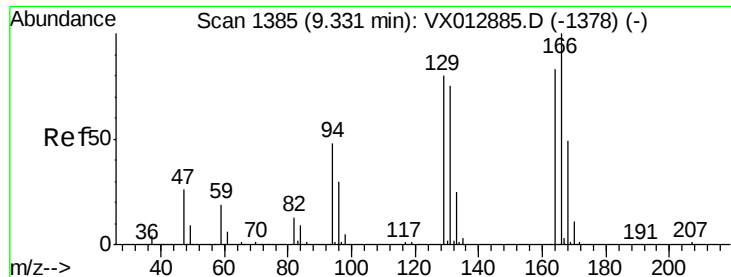
Ion Ratio Lower Upper

117 100

82 55.6 44.1 66.1

119 32.0 25.8 38.8





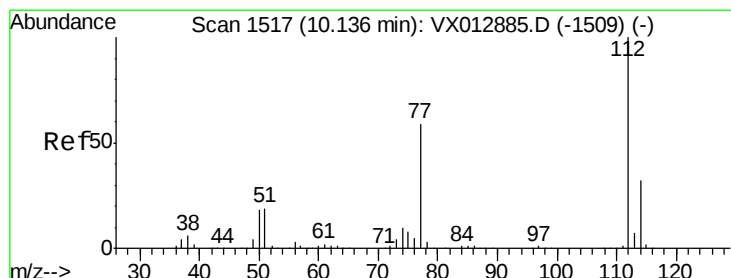
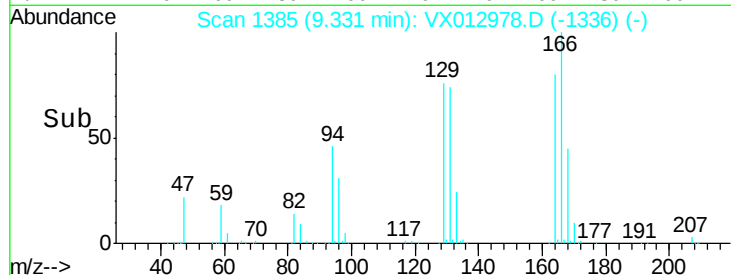
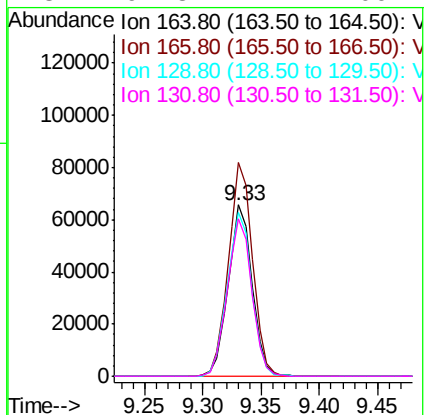
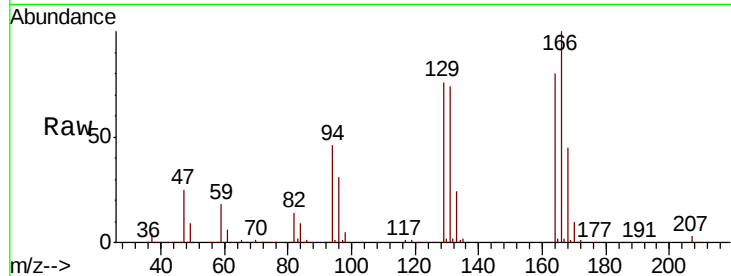
#64
Tetrachloroethene
Concen: 54.851 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.7	96.9	145.3
129	95.3	77.9	116.9
131	91.8	72.7	109.1

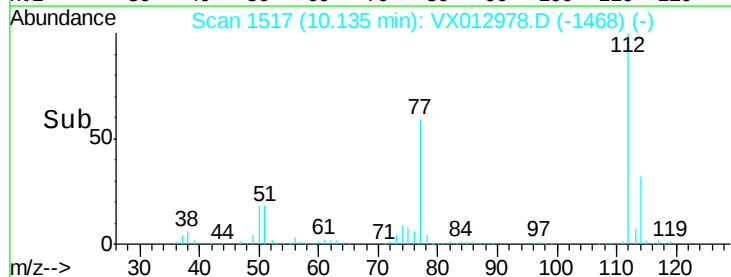
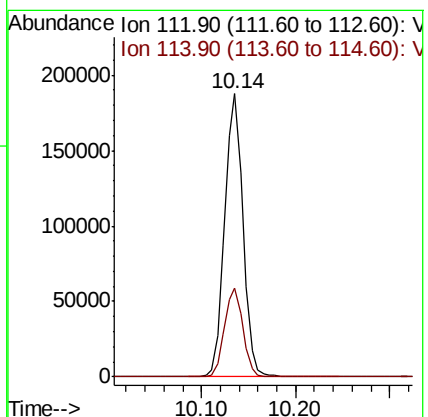
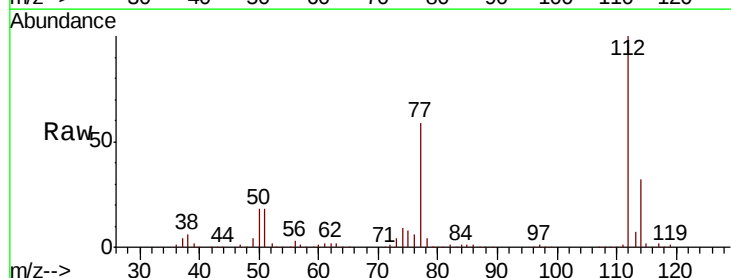
Manual Integrations
APPROVED

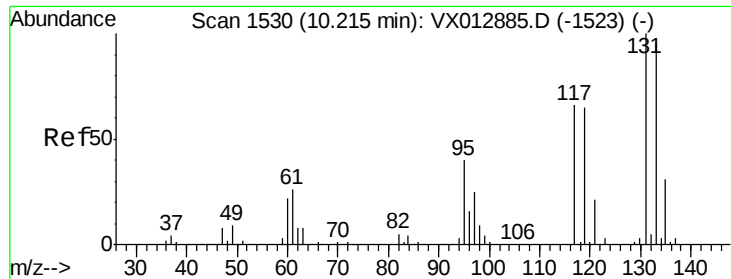
MMDadoda
10/10/2019 9:04:50 AM



#65
Chlorobenzene
Concen: 51.648 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 55.712 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion:131 Resp: 94378

Ion Ratio Lower Upper

131 100

133 93.0 47.2 141.6

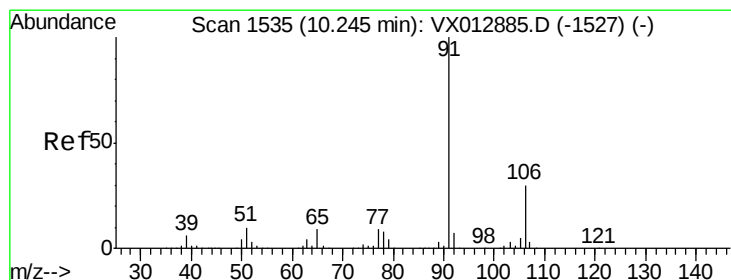
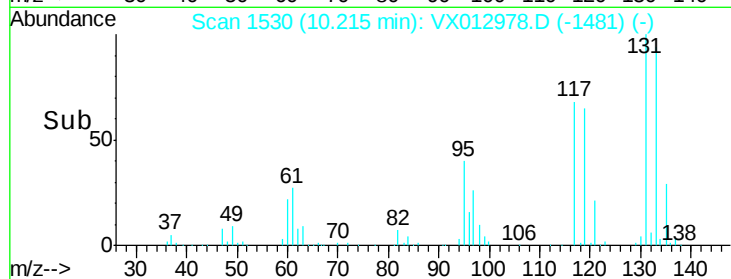
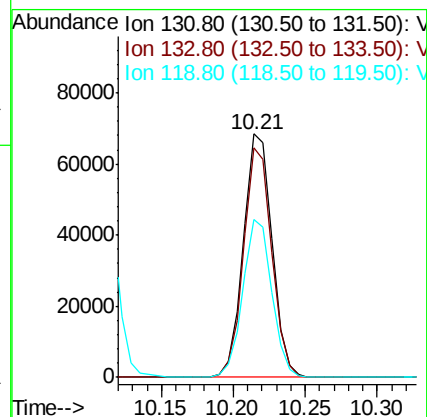
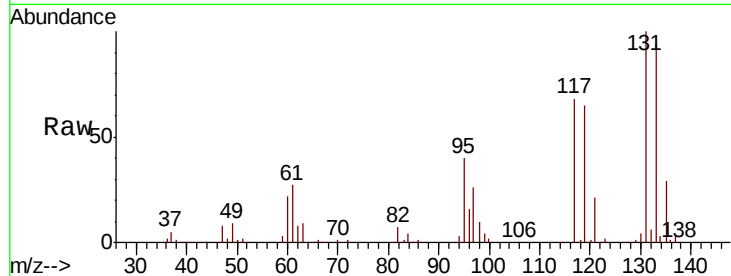
119 65.4 32.6 98.0

Manual Integrations

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10/10/2019 9:04:50 AM



#67

Ethyl Benzene

Concen: 52.054 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012978.D

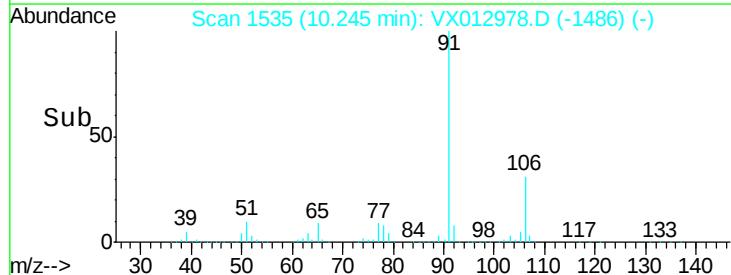
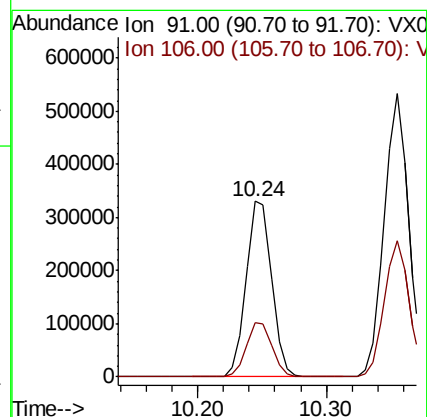
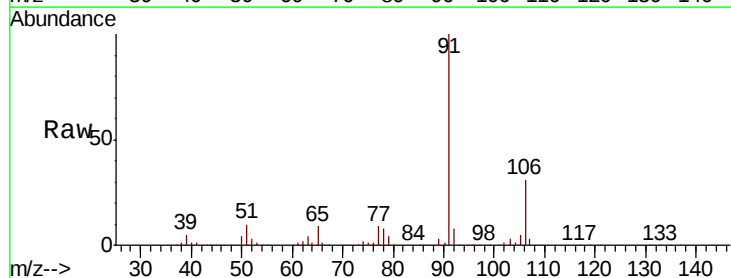
Acq: 10 Oct 2019 06:06

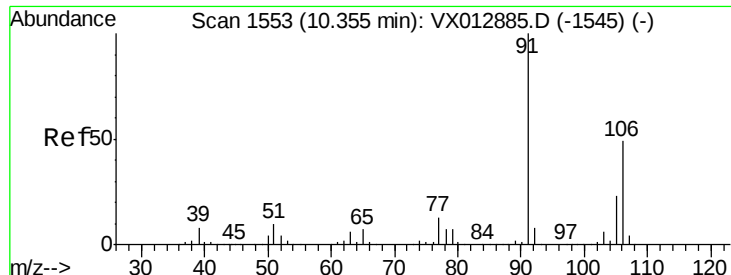
Tgt Ion: 91 Resp: 451758

Ion Ratio Lower Upper

91 100

106 30.9 23.9 35.9





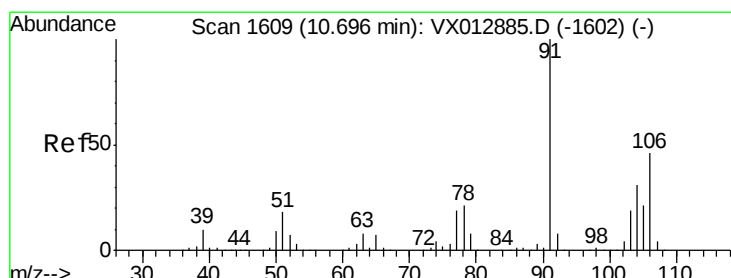
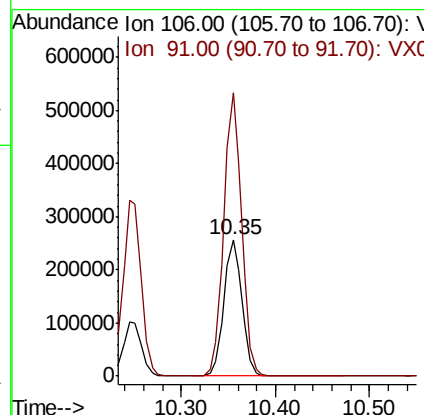
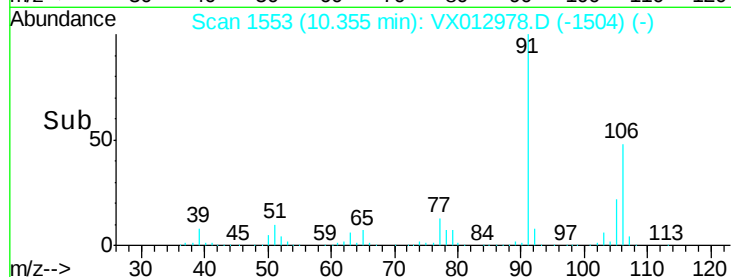
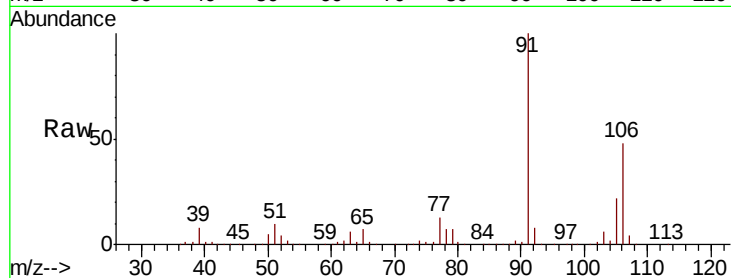
#68
m/p-Xylenes
Concen: 105.542 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion:106 Resp: 342187
Ion Ratio Lower Upper
106 100
91 204.7 165.3 247.9

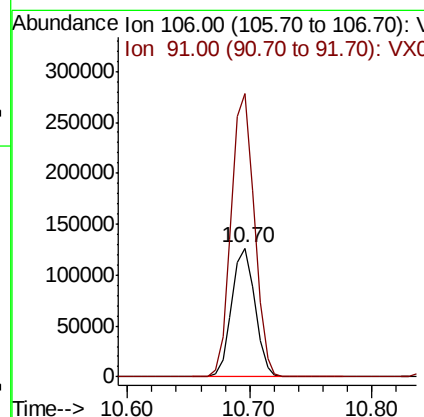
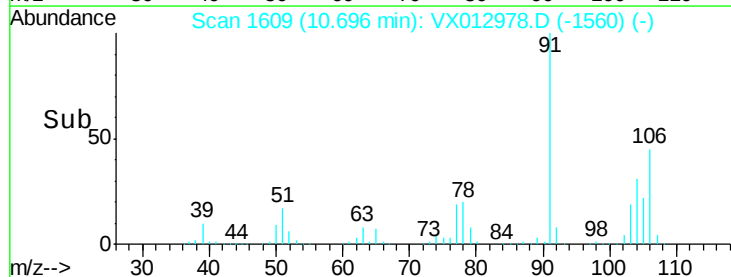
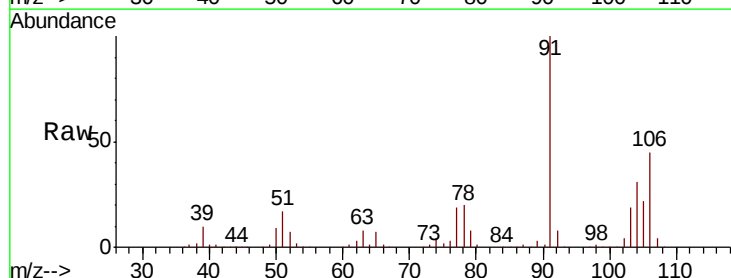
Manual Integrations
APPROVED

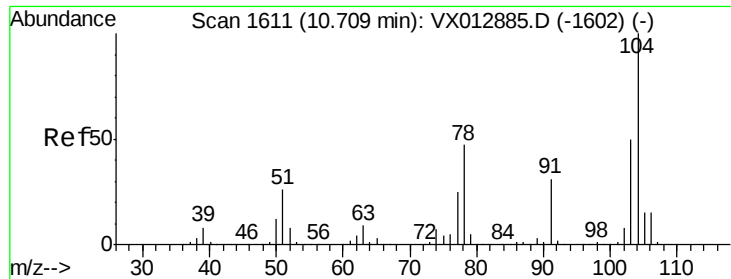
MMDadoda
10/10/2019 9:04:50 AM



#69
o-Xylene
Concen: 52.494 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion:106 Resp: 165969
Ion Ratio Lower Upper
106 100
91 219.3 109.1 327.3





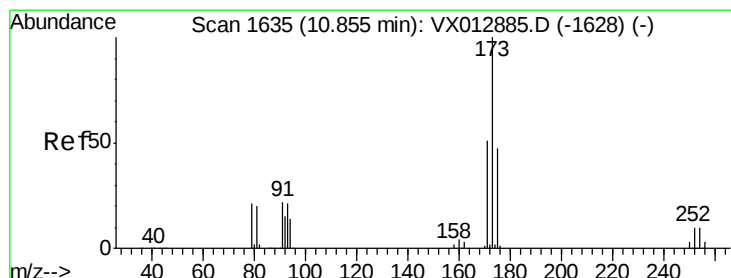
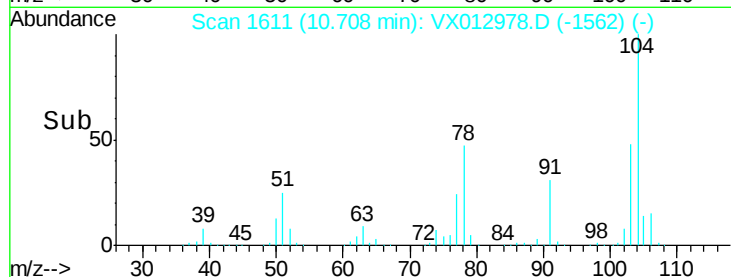
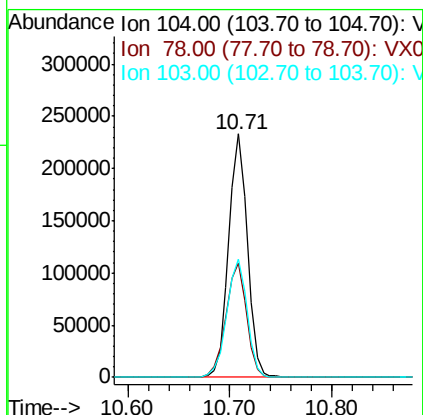
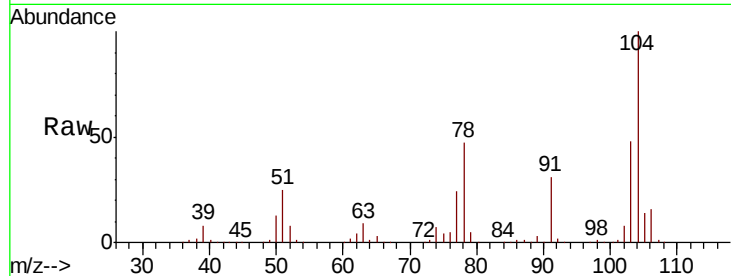
#70
Stvrene
Concen: 54.971 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	295466		
78	51.8	41.2	61.8	
103	53.1	43.0	64.4	

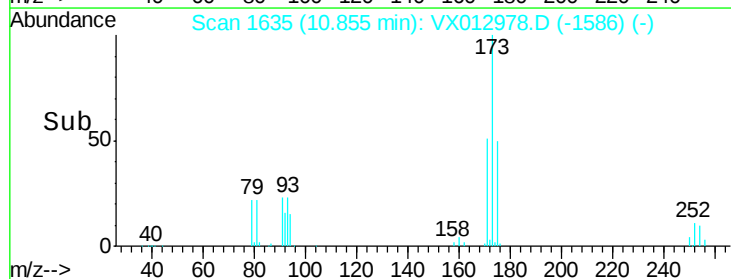
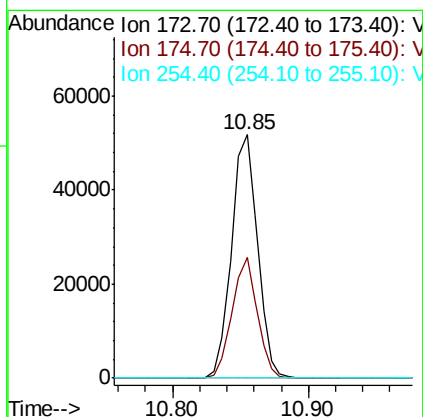
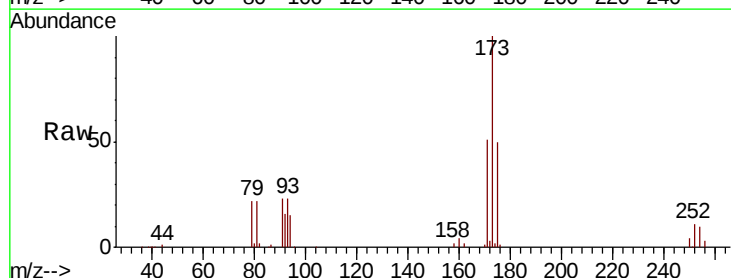
Manual Integrations
APPROVED

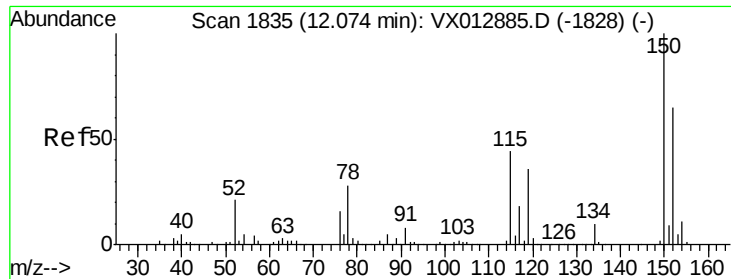
MMDadoda
10/10/2019 9:04:50 AM



#71
Bromoform
Concen: 47.837 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	68826		
175	48.2	24.1	72.3	
254	0.0	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion:152 Resp: 114718

Ion Ratio Lower Upper

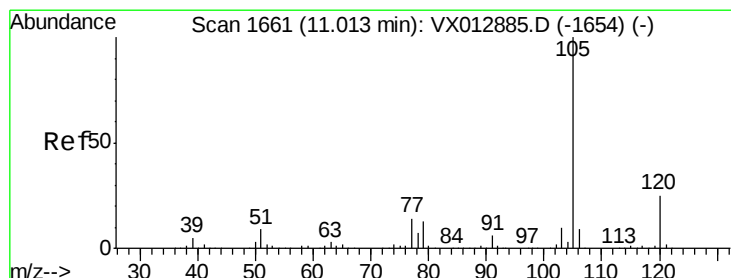
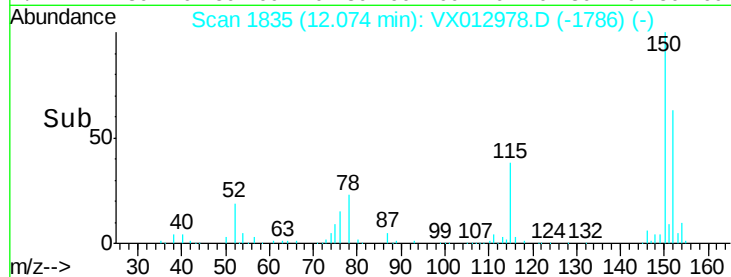
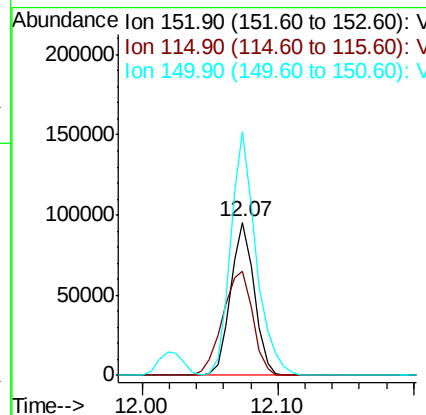
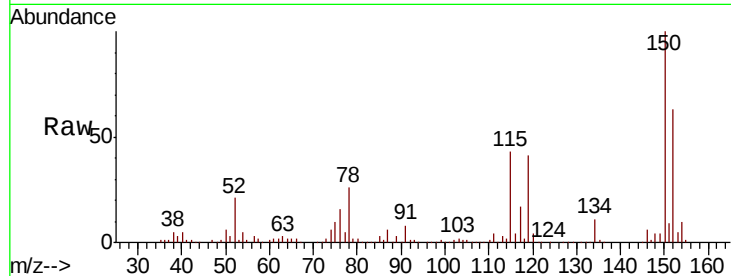
152 100

115 86.2 44.5 133.5

150 170.7 0.0 353.4

Manual Integrations
APPROVED

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10/10/2019 9:04:50 AM



#73

Isopropylbenzene

Concen: 51.762 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012978.D

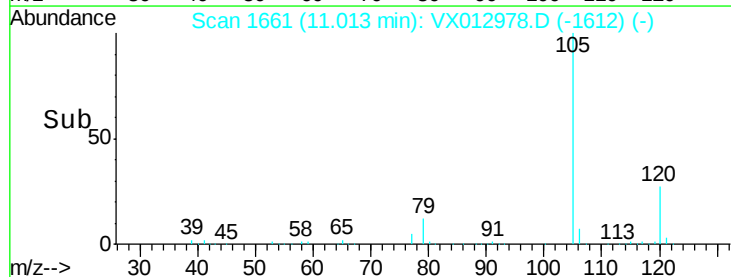
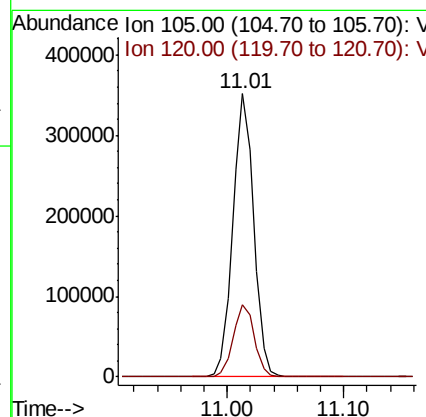
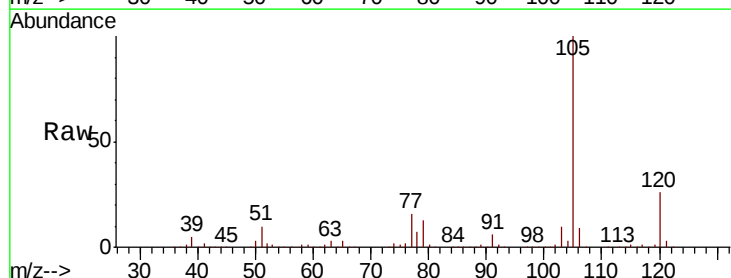
Acq: 10 Oct 2019 06:06

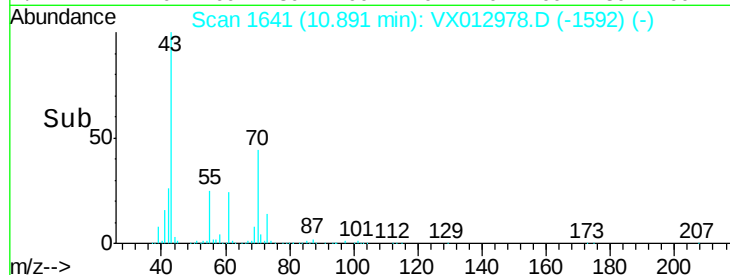
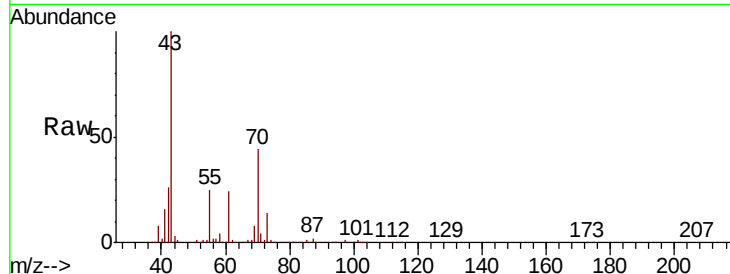
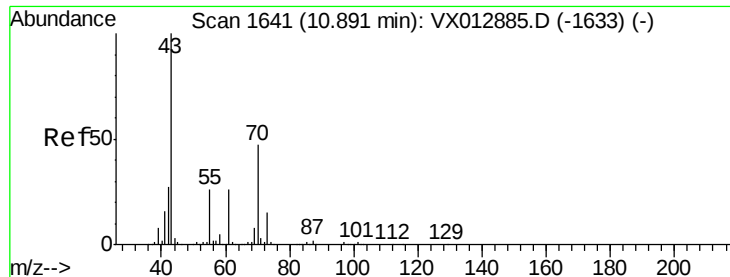
Tgt Ion:105 Resp: 436580

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0





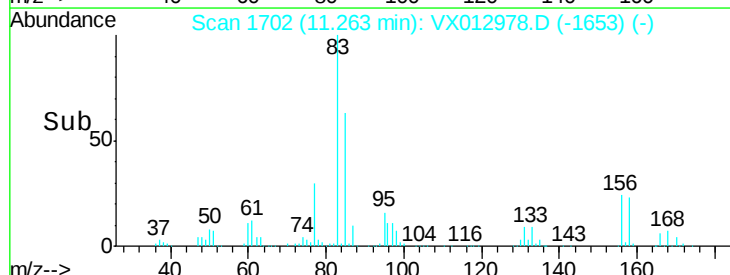
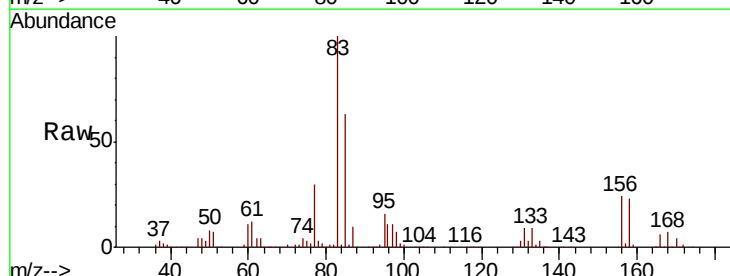
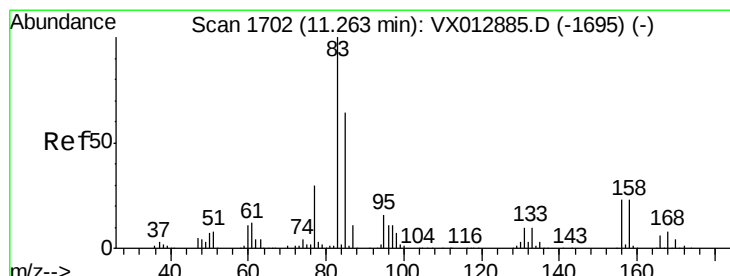
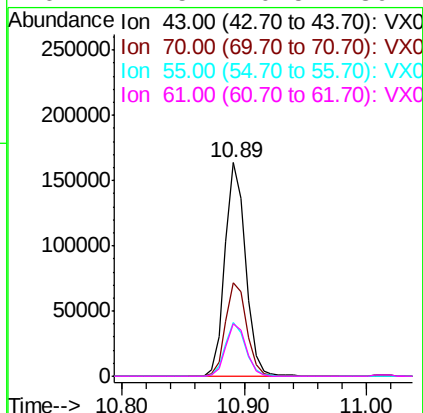
#74
N-amvl acetate
Concen: 52.533 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	44.7	36.4	54.6	
55	24.9	20.2	30.2	
61	24.5	20.5	30.7	

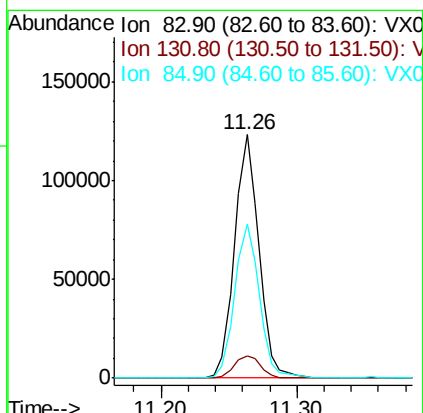
Manual Integrations
APPROVED

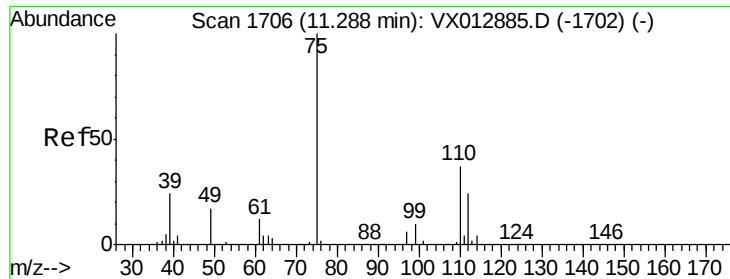
MMDadoda
10/10/2019 9:04:50 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 54.759 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.9	5.1	15.3	
85	64.3	32.1	96.5	





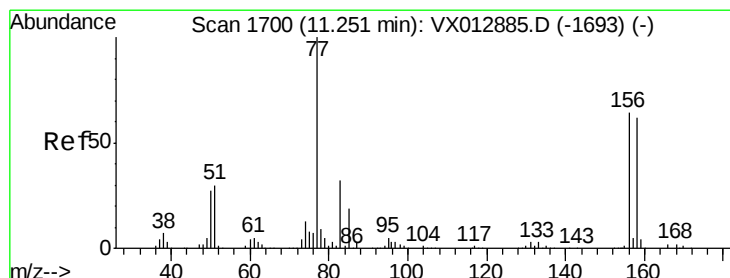
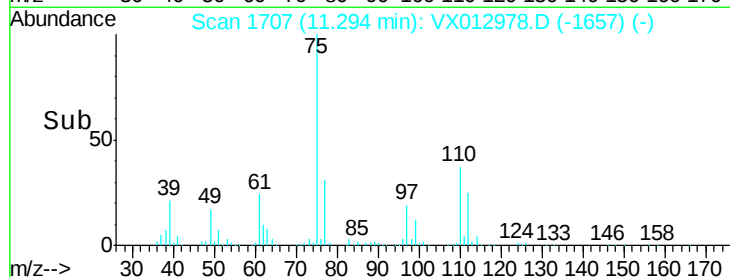
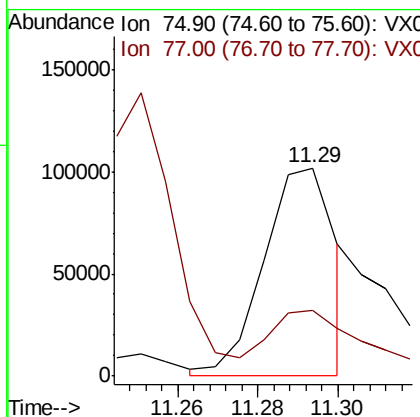
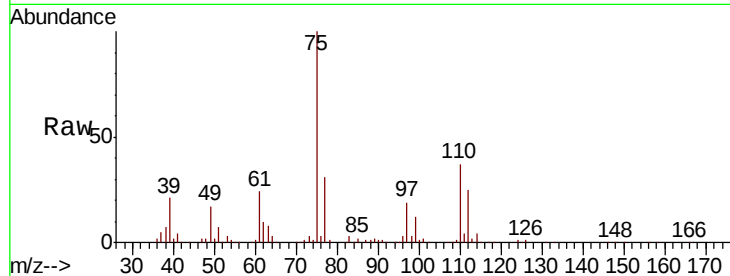
#76
1,2,3-Trichloropropane
Concen: 49.448 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion: 75 Resp: 125817
Ion Ratio Lower Upper
75 100
77 42.5 22.9 68.8

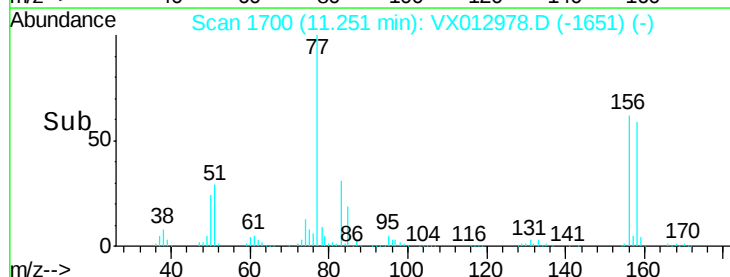
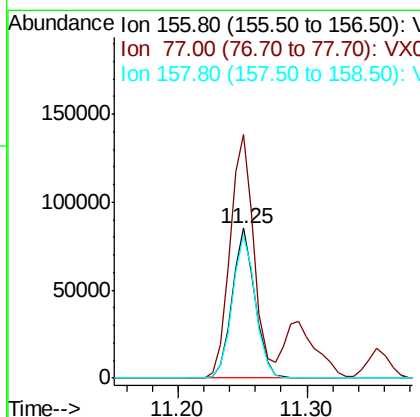
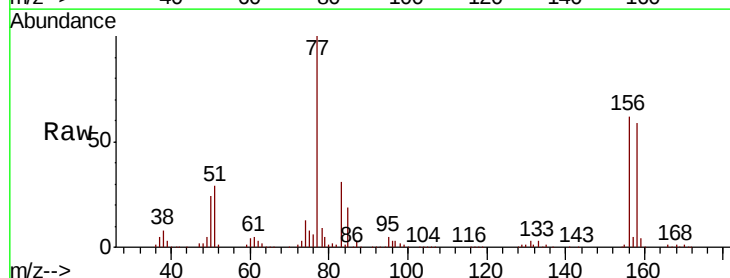
Manual Integrations
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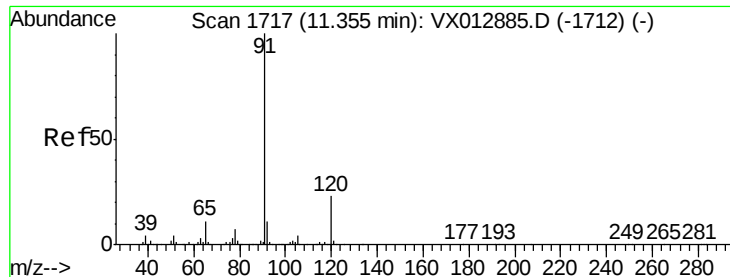
MMDadoda
10/10/2019 9:04:50 AM



#77
Bromobenzene
Concen: 52.937 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 156 Resp: 105213
Ion Ratio Lower Upper
156 100
77 171.5 83.7 251.0
158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 51.791 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MS

Tot Ion: 91 Resp: 480667

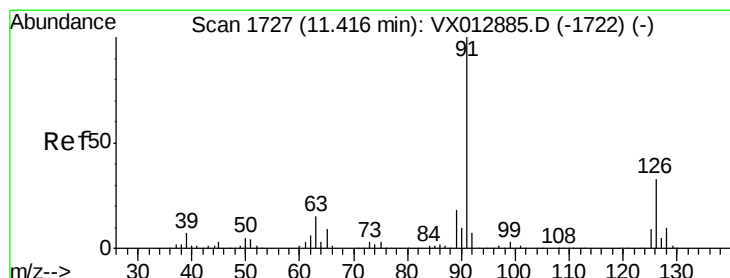
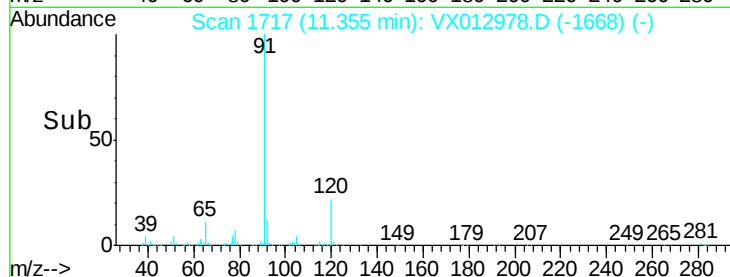
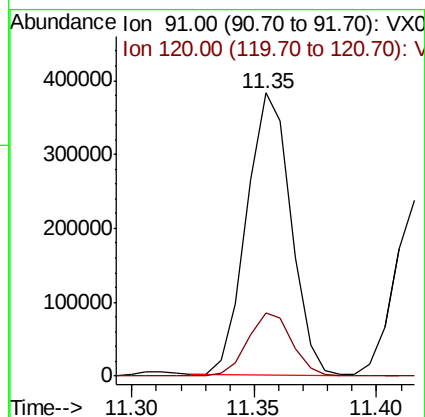
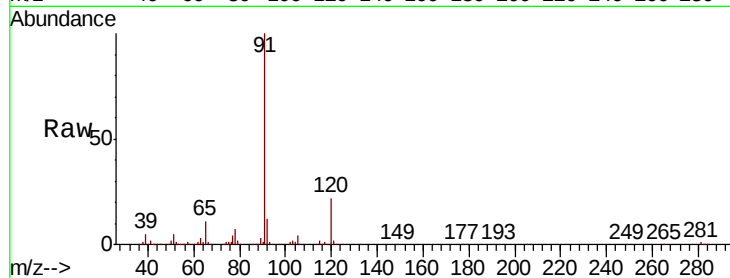
Ion Ratio Lower Upper

91 100

120 22.5 11.7 35.1

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MMDadoda
10/10/2019 9:04:50 AM



#79

2-Chlorotoluene

Concen: 51.382 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012978.D

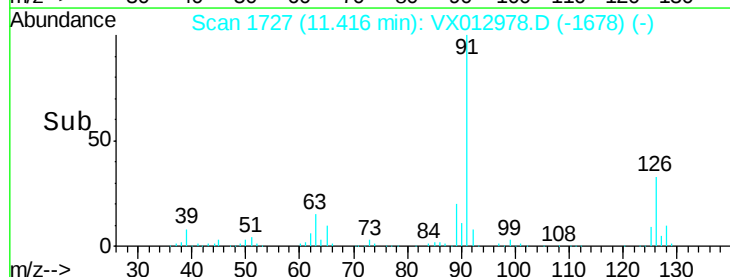
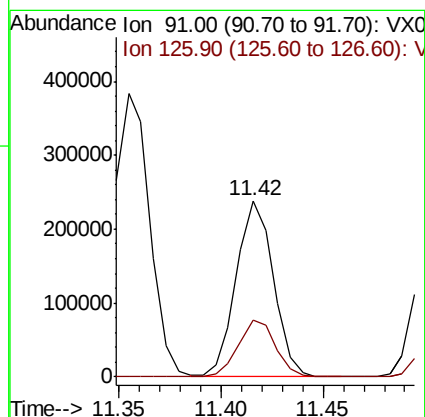
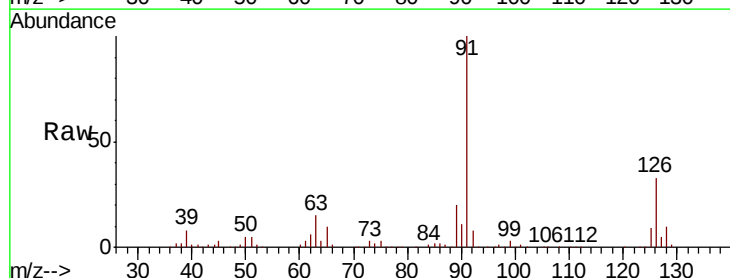
Acq: 10 Oct 2019 06:06

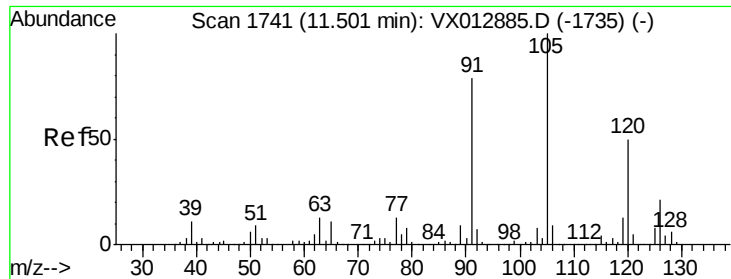
Tgt Ion: 91 Resp: 299698

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.8





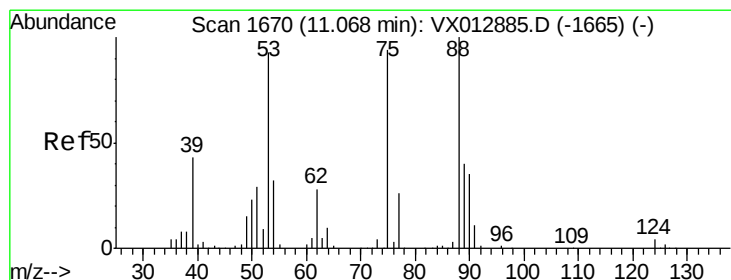
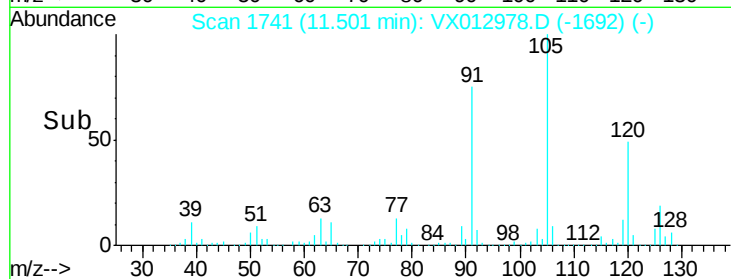
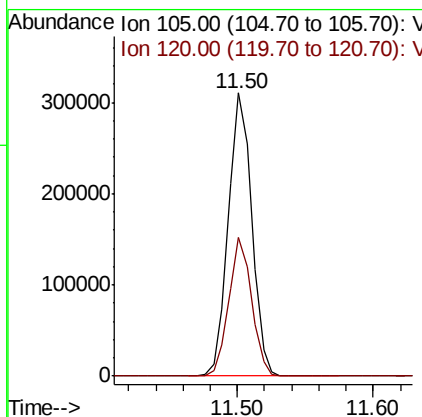
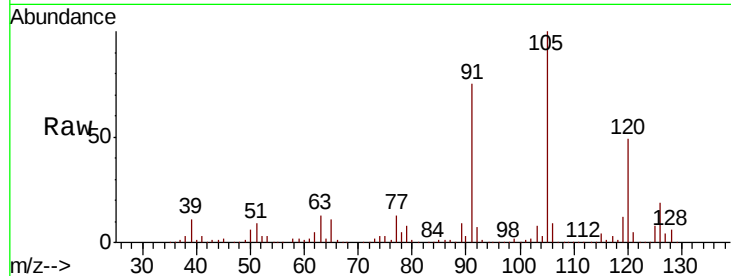
#80
 1,3,5-Trimethylbenzene
 Concen: 52.787 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion:105 Resp: 371759
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.8 74.3

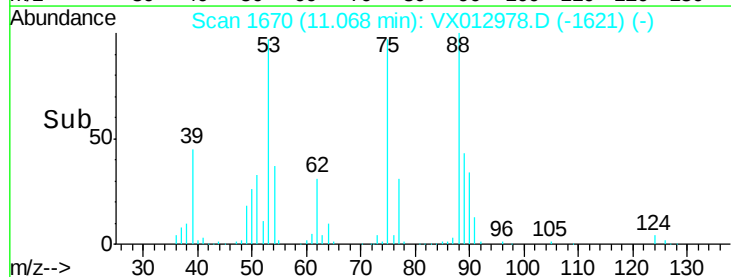
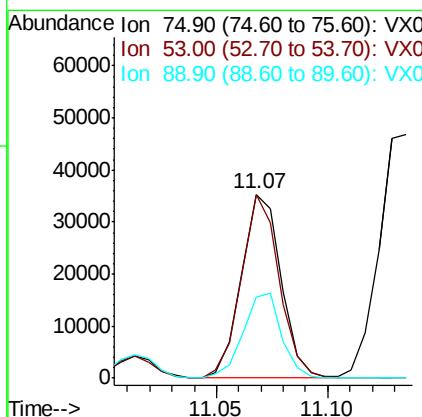
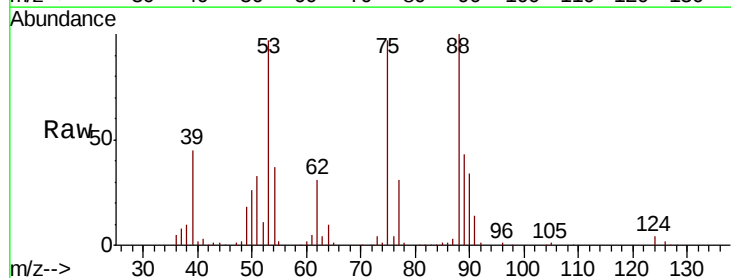
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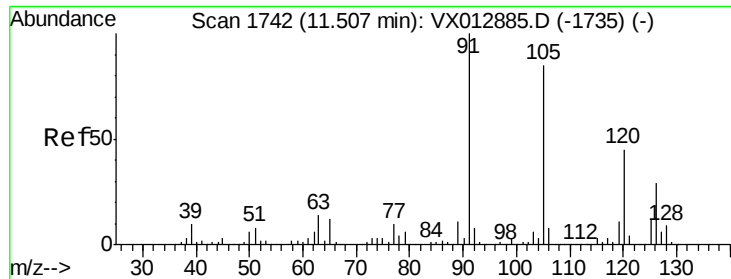
MMDadoda
 10/10/2019 9:04:50 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.749 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion: 75 Resp: 43816
 Ion Ratio Lower Upper
 75 100
 53 96.7 78.5 117.7
 89 45.2 37.4 56.2





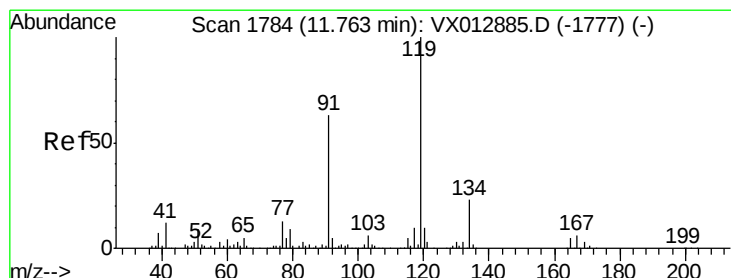
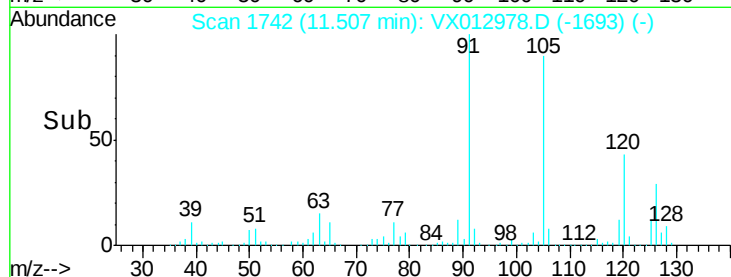
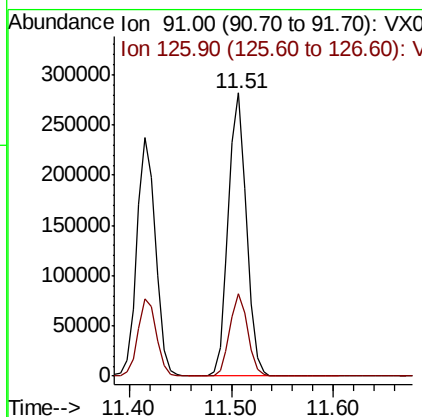
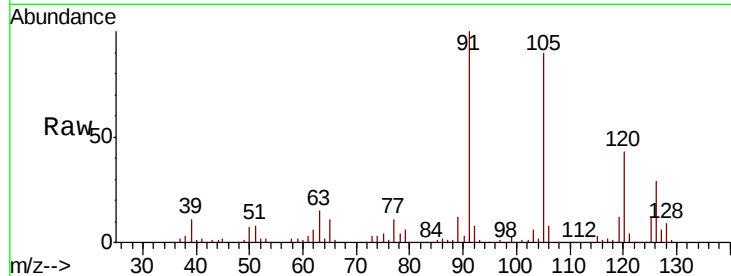
#82
4-Chlorotoluene
Concen: 51.746 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion: 91 Resp: 345944
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6

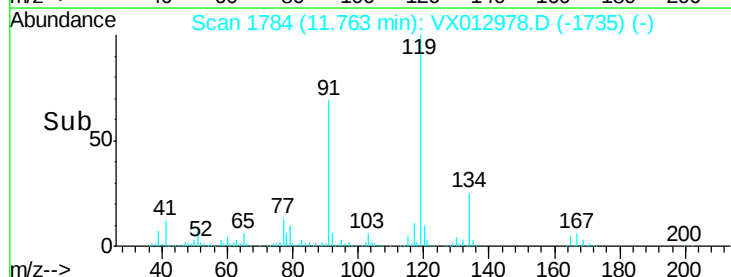
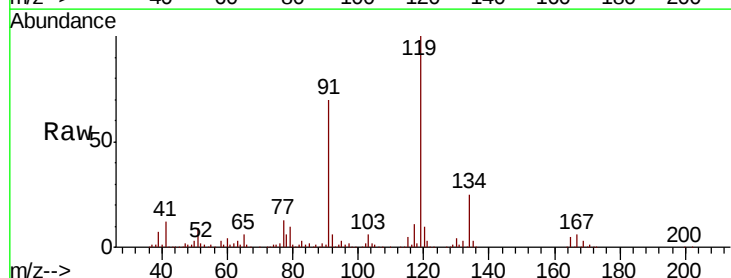
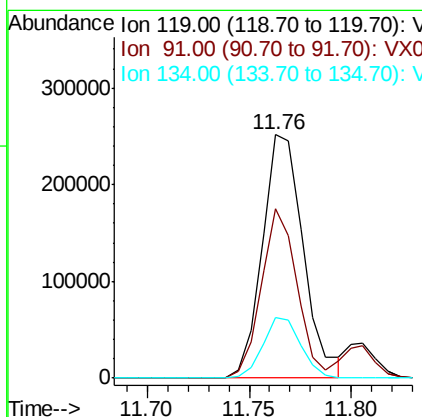
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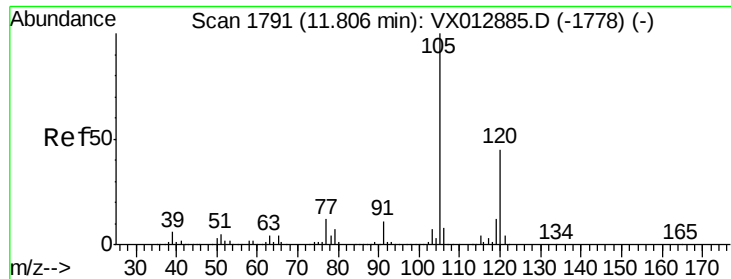
MMDadoda
10/10/2019 9:04:50 AM



#83
tert-Butylbenzene
Concen: 51.362 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion: 119 Resp: 352860
Ion Ratio Lower Upper
119 100
91 60.5 29.3 87.9
134 23.1 11.5 34.4





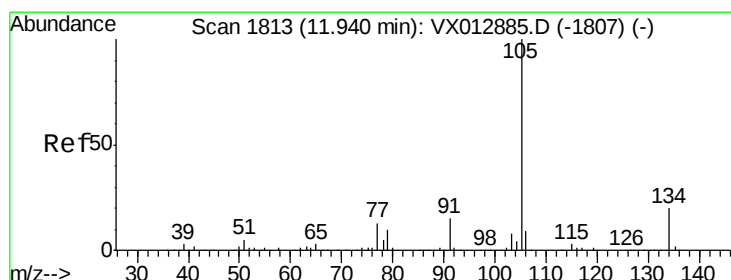
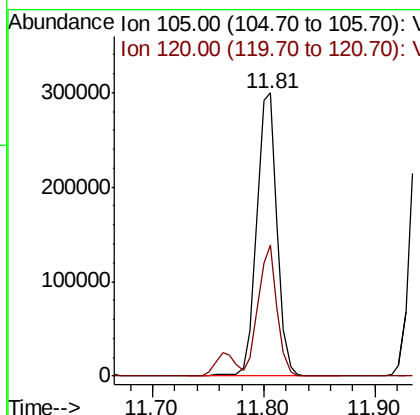
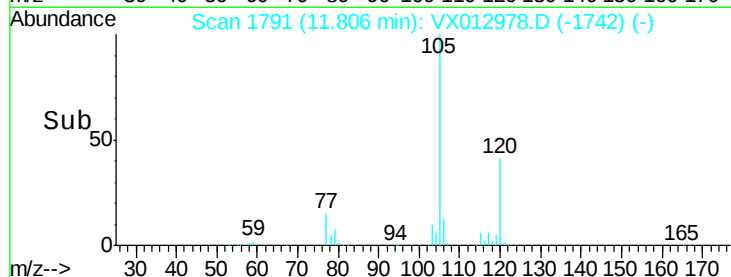
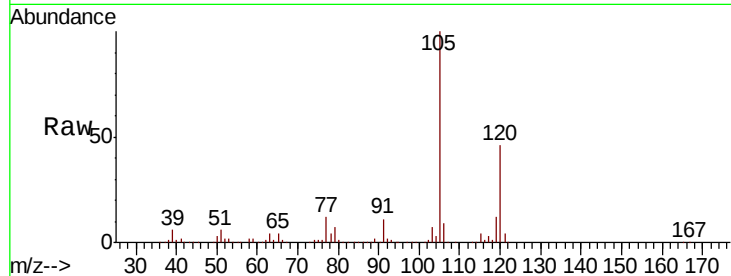
#84
 1,2,4-Trimethylbenzene
 Concen: 53.172 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion:105 Resp: 379253
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.8 65.3

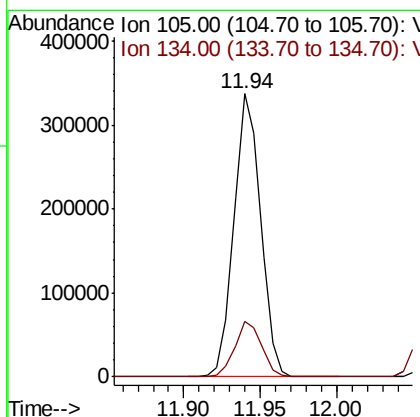
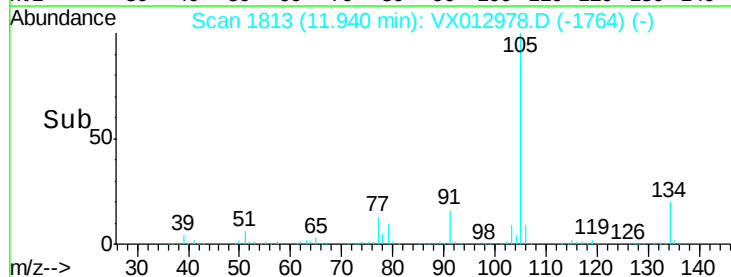
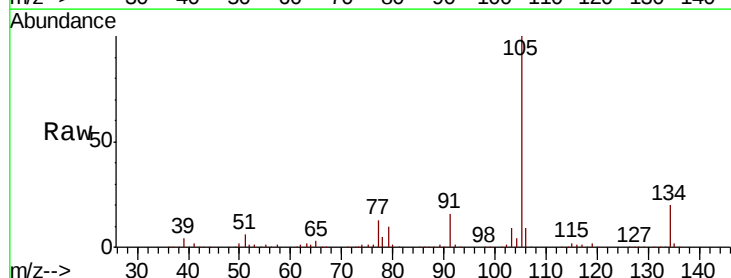
Manual Integrations
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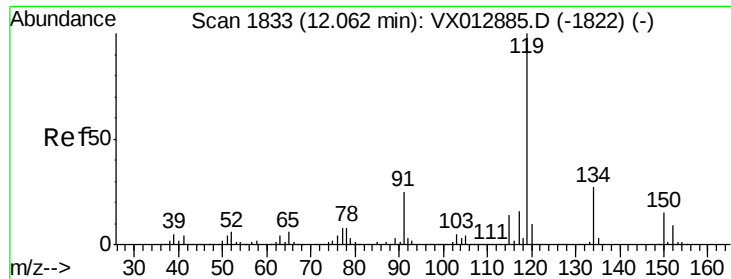
MMDadoda
 10/10/2019 9:04:50 AM



#85
 sec-Butylbenzene
 Concen: 51.291 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion:105 Resp: 408240
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0





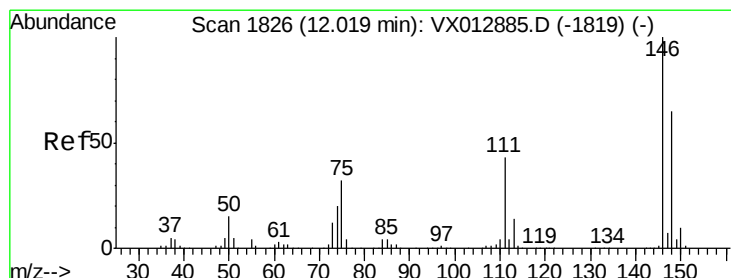
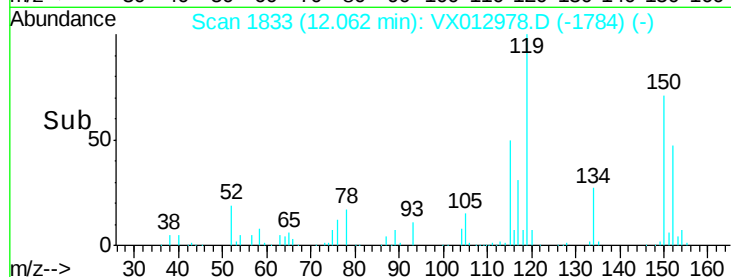
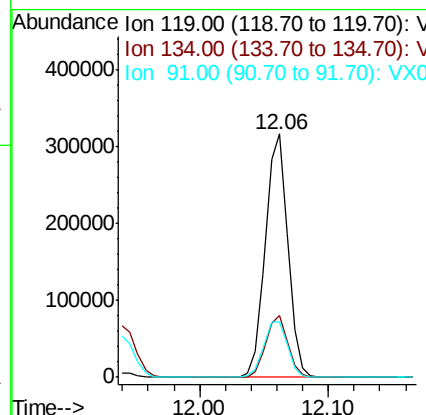
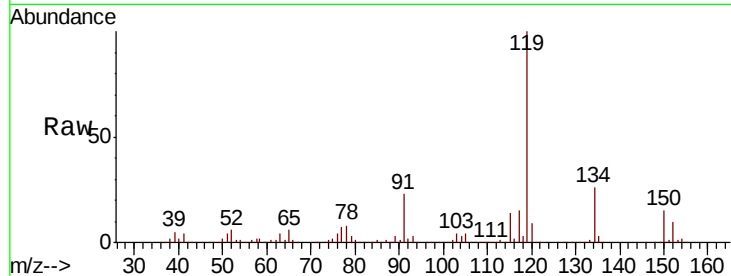
#86
 p-Isopropyltoluene
 Concen: 51.476 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.6	37.8
91	24.6	12.4	37.4

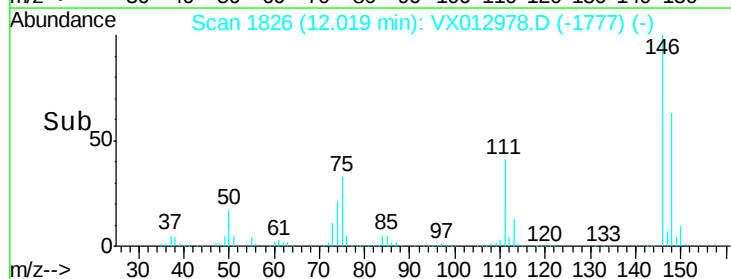
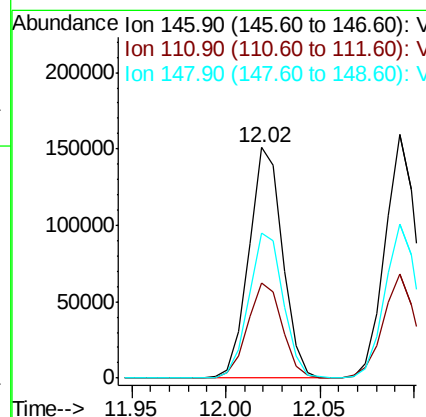
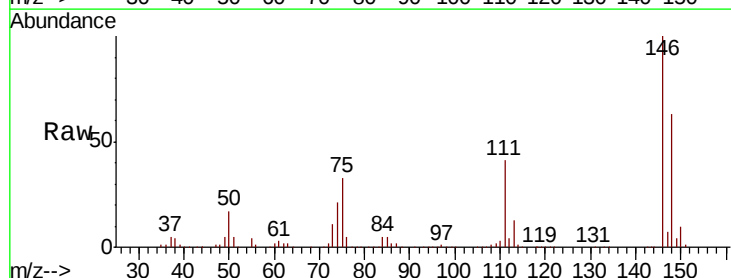
Manual Integrations
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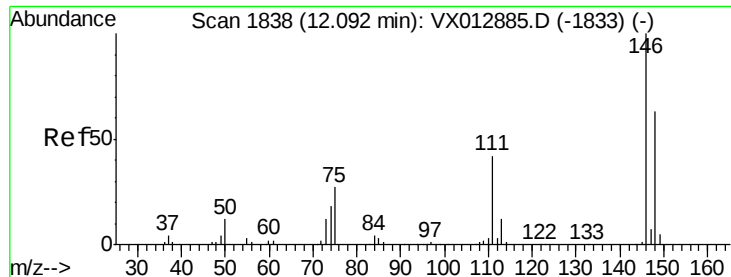
MMDadoda
 10/10/2019 9:04:50 AM



#87
 1,3-Dichlorobenzene
 Concen: 50.618 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	64.1	31.6	95.0





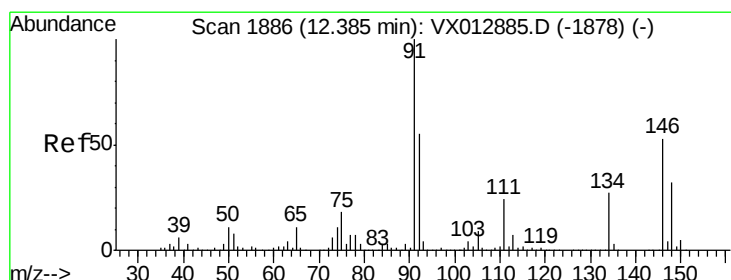
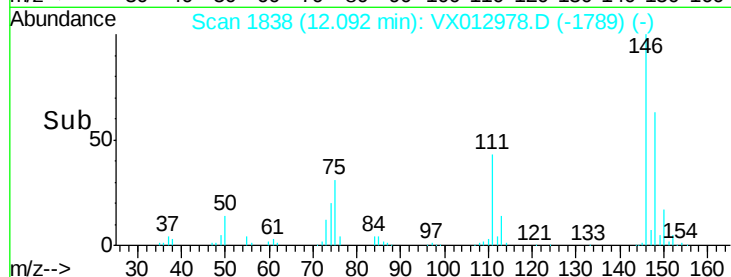
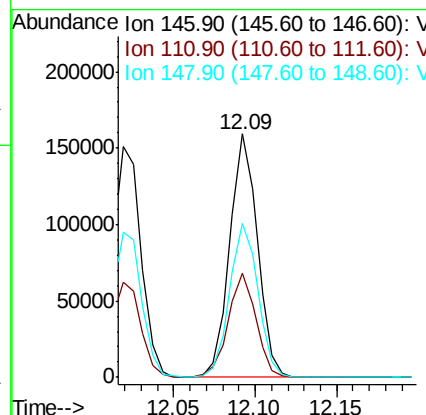
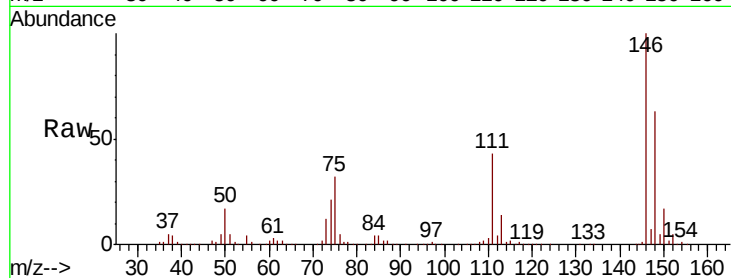
#88
 1,4-Dichlorobenzene
 Concen: 50.276 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.4	64.3
148	64.9	32.1	96.5

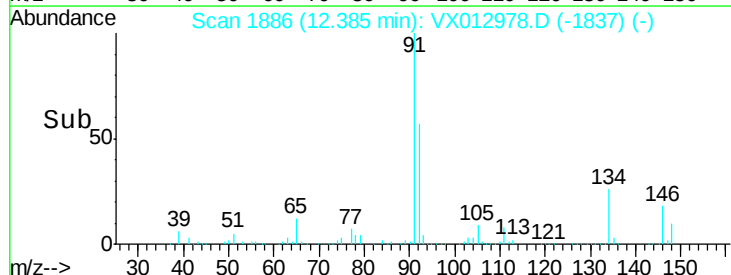
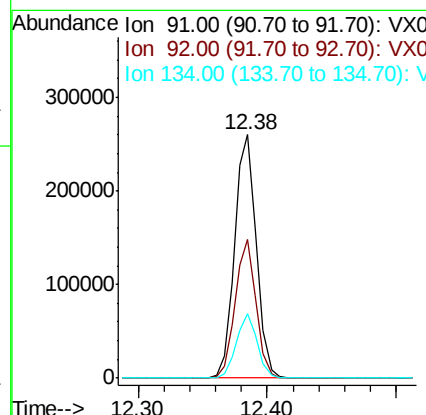
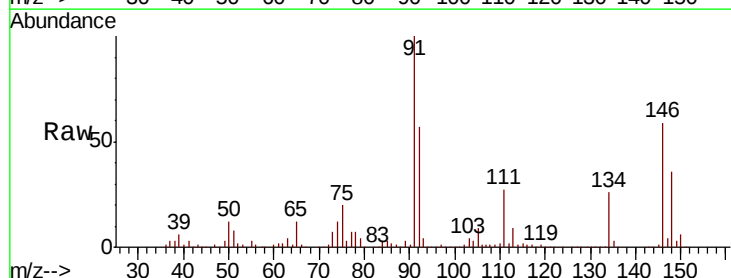
Manual Integrations
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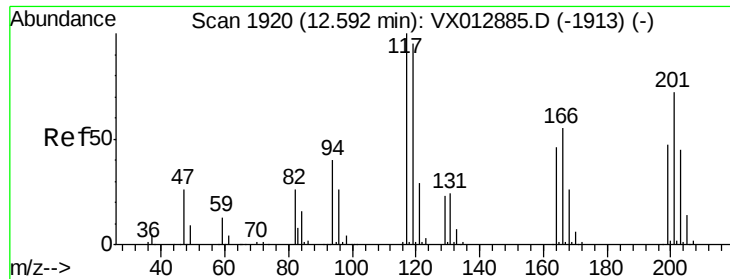
MMDadoda
 10/10/2019 9:04:50 AM



#89
 n-Butylbenzene
 Concen: 49.546 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.5
134	25.5	12.9	38.7





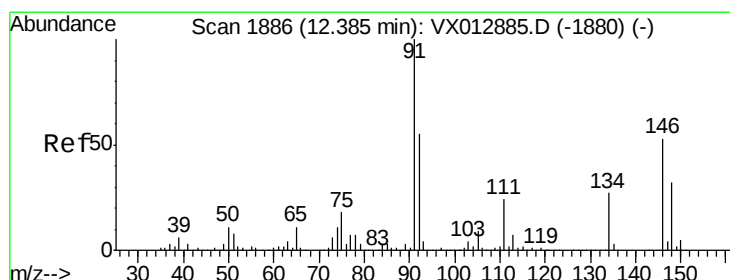
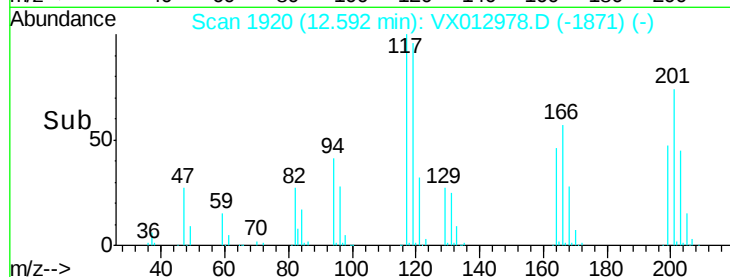
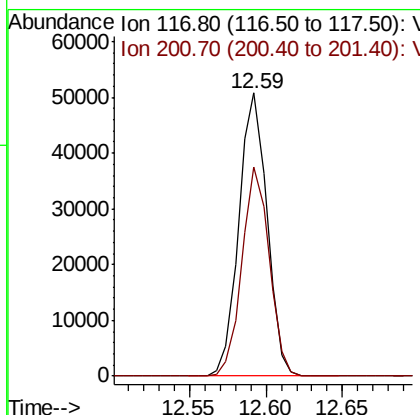
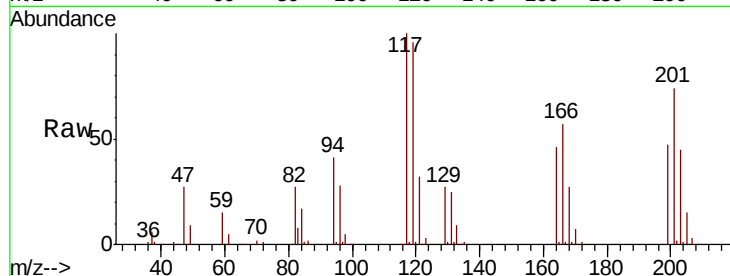
#90
Hexachloroethane
Concen: 47.491 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MS

Tot Ion:117 Resp: 64778
Ion Ratio Lower Upper
117 100
201 71.8 36.9 110.7

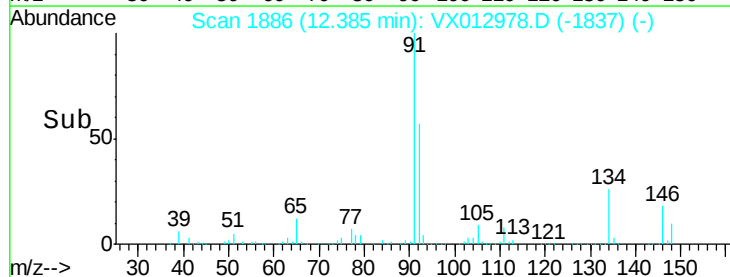
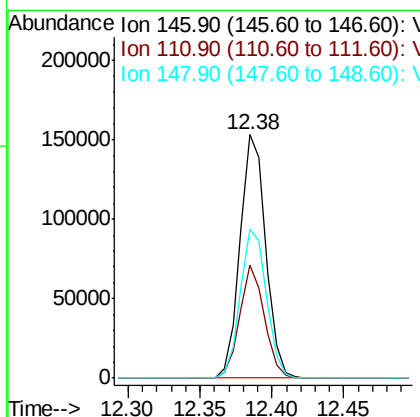
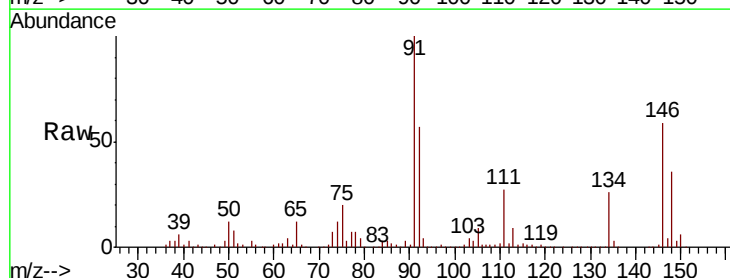
Manual Integrations
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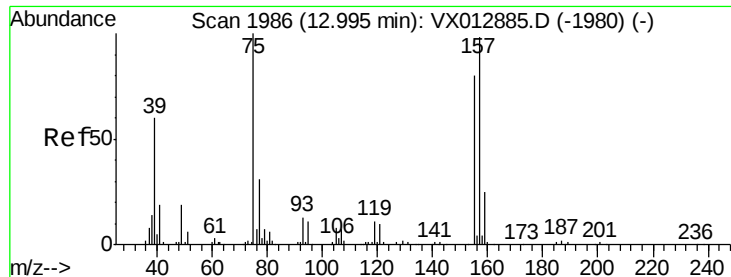
MMDadoda
10/10/2019 9:04:50 AM



#91
1,2-Dichlorobenzene
Concen: 52.360 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012978.D
Acq: 10 Oct 2019 06:06

Tgt Ion:146 Resp: 189458
Ion Ratio Lower Upper
146 100
111 44.5 22.7 68.0
148 62.8 31.6 94.7





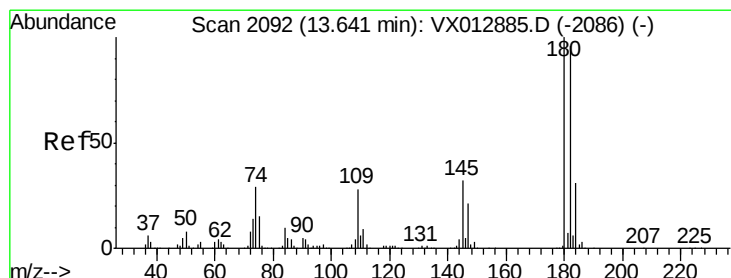
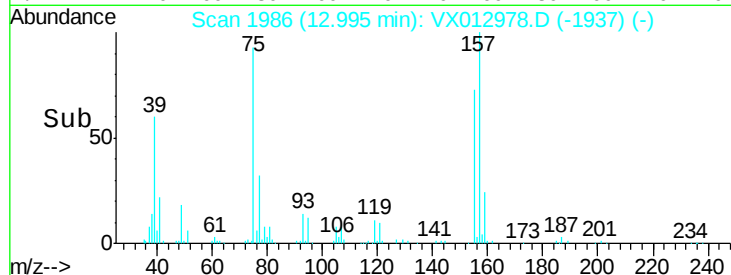
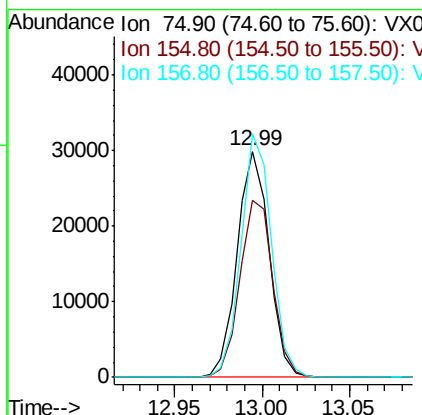
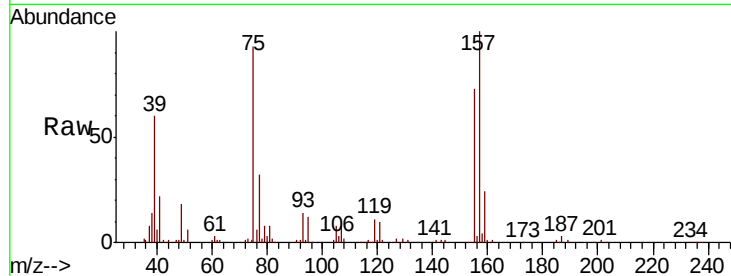
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.572 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	80.8	43.0	128.8
157	102.9	54.1	162.3

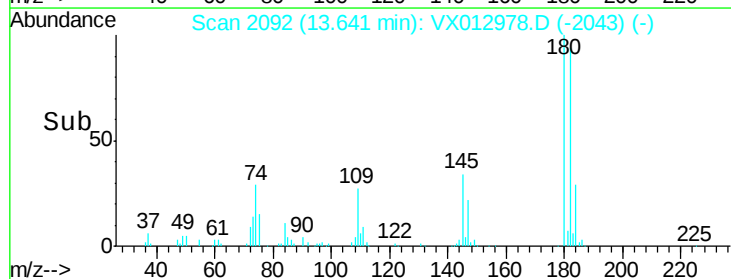
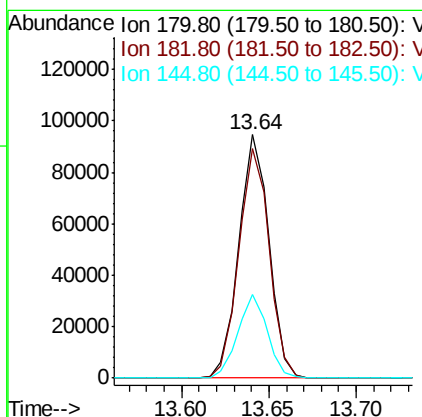
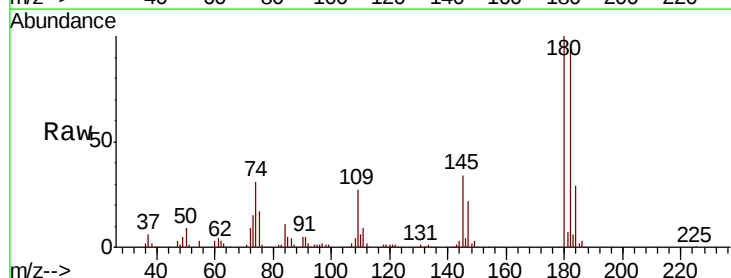
Manual Integrations
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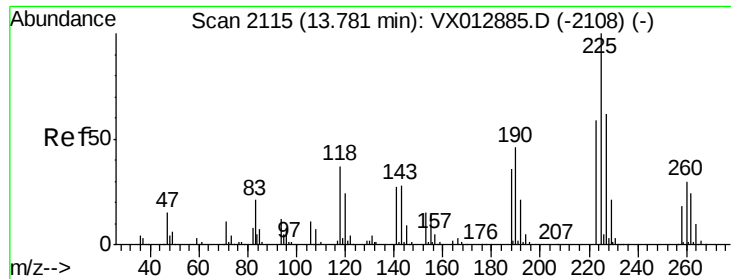
MMDadoda
 10/10/2019 9:04:50 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.971 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.4
145	33.5	16.2	48.6





#94

Hexachlorobutadiene

Concen: 46.191 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Instrument :

MSVOA_X

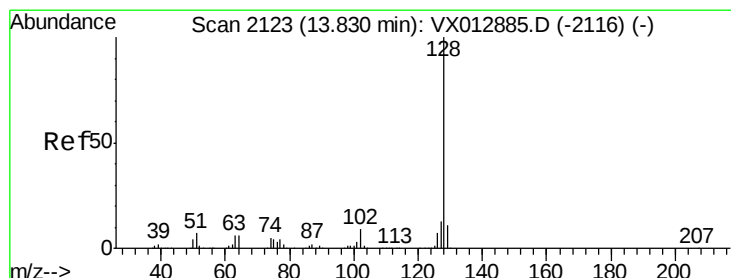
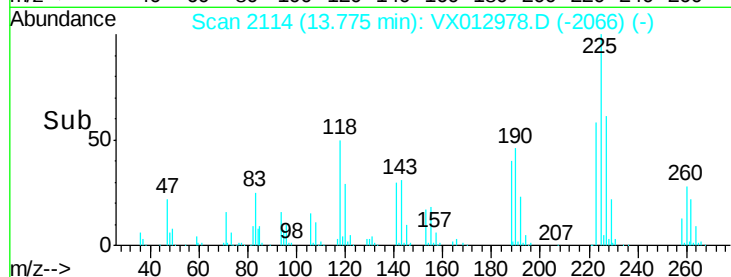
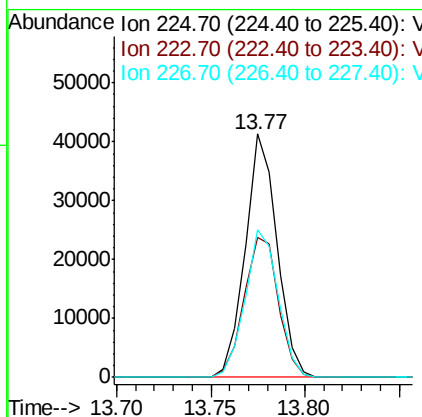
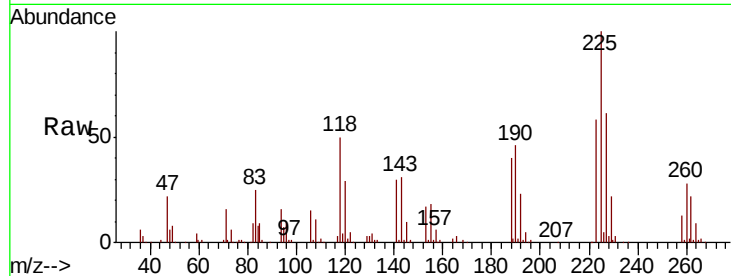
ClientSampleId :

FA19-MMW0010MS

Tot Ion:	225	Resp:	48318
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.1	93.2
227	63.0	32.3	96.9

Manual Integrations
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#95

Naphthalene

Concen: 51.981 ug/l

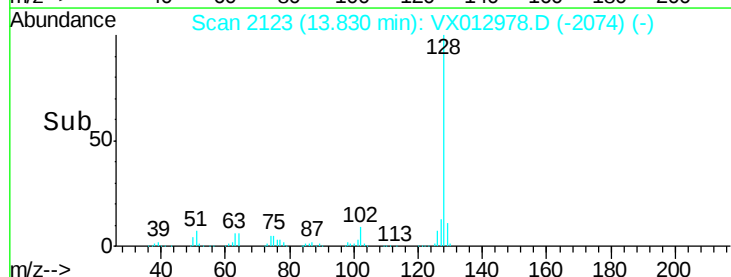
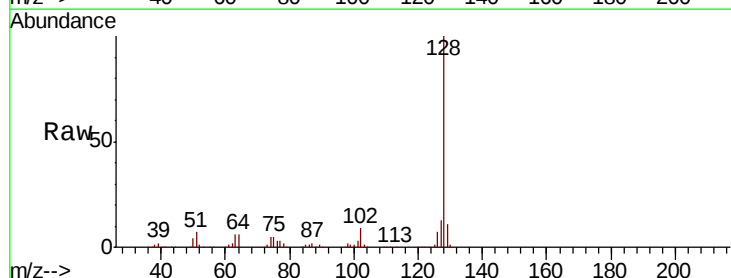
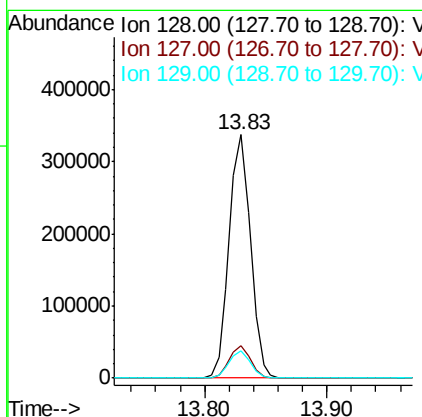
RT: 13.83 min Scan# 2123

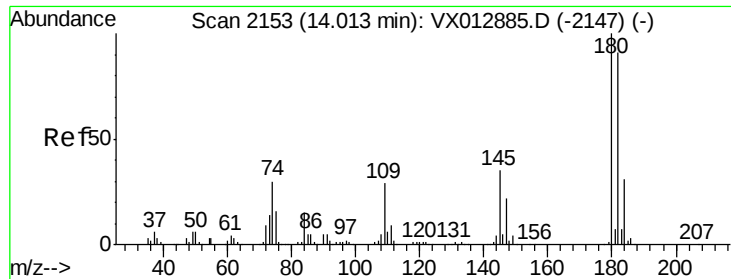
Delta R.T. -0.00 min

Lab File: VX012978.D

Acq: 10 Oct 2019 06:06

Tgt Ion:	128	Resp:	408425
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.4
129	11.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 50.569 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012978.D
 Acq: 10 Oct 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118448		
182	94.8		47.5	142.5
145	34.5		17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:50 AM

