

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012858.D
 Acq On : 07 Oct 2019 23:46
 Operator : JC/SP
 Sample : VX1007WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:15 PM

Quant Time: Oct 08 12:48:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119702	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.49	113	91806	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.71	98	342085	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.14	95	135051	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	28562	14.927	ug/l	97
3) Chloromethane	1.32	50	33686	15.331	ug/l	98
4) Vinyl Chloride	1.40	62	36062	16.512	ug/l	99
5) Bromomethane	1.63	94	15769	18.364	ug/l	90
6) Chloroethane	1.71	64	25751	17.491	ug/l	97
7) Trichlorofluoromethane	1.92	101	53408	17.418	ug/l	98
8) Diethyl Ether	2.18	74	22869	18.199	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33453	17.912	ug/l	98
10) Methyl Iodide	2.50	142	22762	15.376	ug/l	93
11) Tert butyl alcohol	3.03	59	64527	104.290	ug/l	95
12) 1,1-Dichloroethene	2.36	96	34348	18.782	ug/l	97
13) Acrolein	2.28	56	21804	70.904	ug/l	99
14) Allyl chloride	2.72	41	64008	17.641	ug/l	97
15) Acrylonitrile	3.13	53	120481	95.980	ug/l	98
16) Acetone	2.44	43	104002	79.274	ug/l	97
17) Carbon Disulfide	2.56	76	81372	15.872	ug/l	98
18) Methyl Acetate	2.76	43	62733	20.308	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	136194	19.675	ug/l	99
20) Methylene Chloride	2.84	84	42049	18.950	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	37851	18.683	ug/l	93
22) Diisopropyl ether	3.85	45	135403	19.314	ug/l	89
23) Vinyl Acetate	3.80	43	566199	92.093	ug/l	98
24) 1,1-Dichloroethane	3.69	63	71777	18.835	ug/l	99
25) 2-Butanone	4.66	43	168940	89.809	ug/l	97
26) 2,2-Dichloropropane	4.57	77	47126	13.904	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	44895	19.098	ug/l	93
28) Bromochloromethane	5.01	49	26307	19.012	ug/l	97
29) Tetrahydrofuran	5.12	42	108846	94.934	ug/l	96
30) Chloroform	5.20	83	72951	18.711	ug/l	99
31) Cyclohexane	5.57	56	60436	17.530	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	62859	18.191	ug/l	99
36) 1,1-Dichloropropene	5.79	75	49947	17.536	ug/l	96
37) Ethyl Acetate	4.82	43	64680	19.424	ug/l	98
38) Carbon Tetrachloride	5.77	117	50278	17.377	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59710	17.413	ug/l	95
40) Benzene	6.14	78	161736	19.299	ug/l	96
41) Methacrylonitrile	5.03	41	35228	18.855	ug/l	95
42) 1,2-Dichloroethane	6.19	62	60804	19.106	ug/l	98
43) Isopropyl Acetate	6.43	43	106095	19.052	ug/l	98
44) Trichloroethene	7.21	130	40641	18.970	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42340	19.733	ug/l	95
46) Dibromomethane	7.65	93	27761	19.003	ug/l	99
47) Bromodichloromethane	7.89	83	54640	18.715	ug/l	97
48) Methyl methacrylate	7.76	41	50850	19.044	ug/l	92
49) 1,4-Dioxane	7.73	88	23823	393.352	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	333649	97.063	ug/l	96
52) Toluene	8.78	92	101321	19.236	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58095	17.984	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63777	18.082	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	42738	20.409	ug/l	96
56) Ethyl methacrylate	9.17	69	69685	19.808	ug/l	91
57) 1,3-Dichloropropane	9.37	76	73147	19.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	157349	99.641	ug/l	99
59) 2-Hexanone	9.48	43	247526	94.074	ug/l	93
60) Dibromochloromethane	9.58	129	40264	18.994	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44204	20.283	ug/l	100
64) Tetrachloroethene	9.33	164	38576	21.206	ug/l	93
65) Chlorobenzene	10.14	112	106587	19.400	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	39508	19.847	ug/l	98
67) Ethyl Benzene	10.25	91	189351	19.002	ug/l	97
68) m/p-Xylenes	10.36	106	142869	38.273	ug/l	99
69) o-Xylene	10.70	106	69712	19.300	ug/l	98
70) Styrene	10.71	104	121118	20.002	ug/l	99
71) Bromoform	10.85	173	27034	19.503	ug/l #	96
73) Isopropylbenzene	11.01	105	187385	19.093	ug/l	100
74) N-amyl acetate	10.89	43	84387	18.023	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	64987	19.994	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61813m	19.392	ug/l	
77) Bromobenzene	11.25	156	43049	19.380	ug/l	99
78) n-propylbenzene	11.35	91	206729	18.710	ug/l	99
79) 2-Chlorotoluene	11.42	91	131465	19.073	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	159183	19.341	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	17126	15.397	ug/l	98
82) 4-Chlorotoluene	11.51	91	149182	18.986	ug/l	98
83) tert-Butylbenzene	11.76	119	152564	19.217	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	160774	19.365	ug/l	100
85) sec-Butylbenzene	11.94	105	176096	19.070	ug/l	99
86) p-Isopropyltoluene	12.06	119	159657	19.162	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79008	19.765	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	78460	19.424	ug/l	99
89) n-Butylbenzene	12.39	91	132902	18.101	ug/l	99
90) Hexachloroethane	12.59	117	26280	17.692	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	79261	19.805	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14703	18.083	ug/l	97

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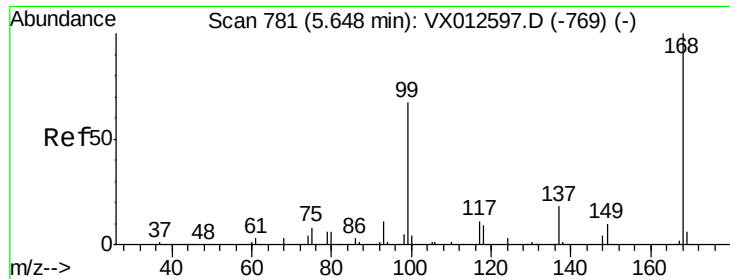
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47760	19.569	ug/l	99
94) Hexachlorobutadiene	13.78	225	20488	19.513	ug/l	97
95) Naphthalene	13.83	128	177997	20.158	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	49657	20.311	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion:168 Resp: 170089

Ion Ratio Lower Upper

168 100

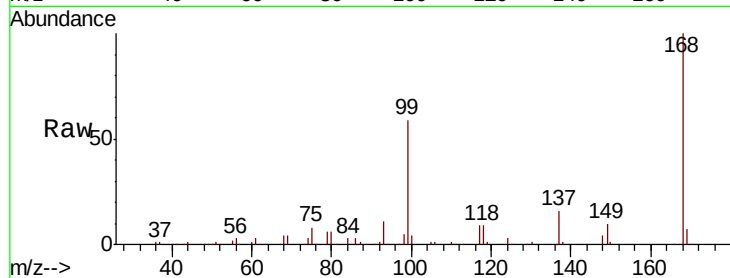
99 58.9 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

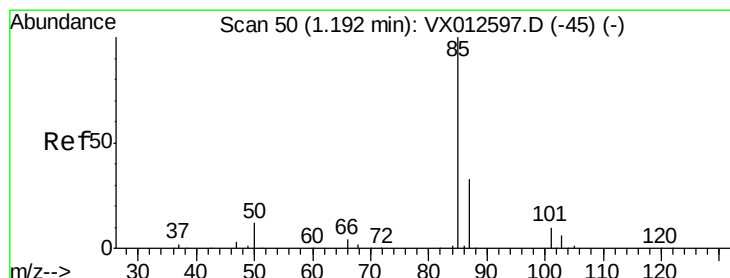
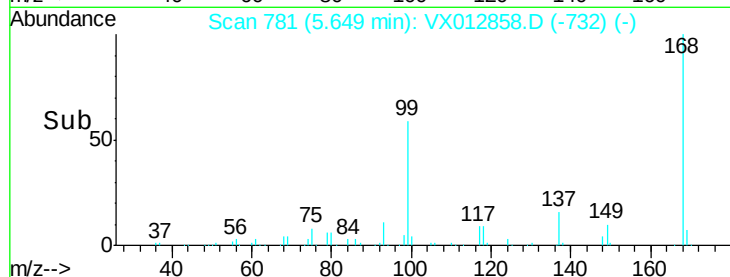
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 14.927 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012858.D

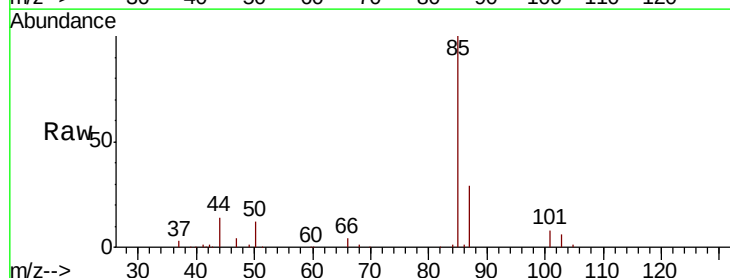
Acq: 07 Oct 2019 23:46

Tgt Ion: 85 Resp: 28562

Ion Ratio Lower Upper

85 100

87 29.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

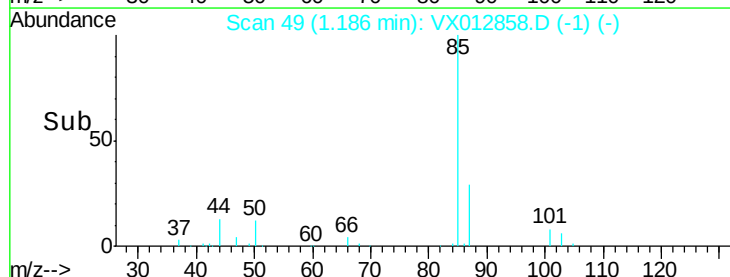
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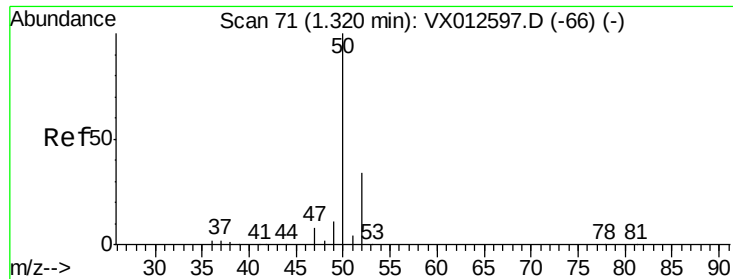
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 15.331 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion: 50 Resp: 33686

Ion Ratio Lower Upper

50 100

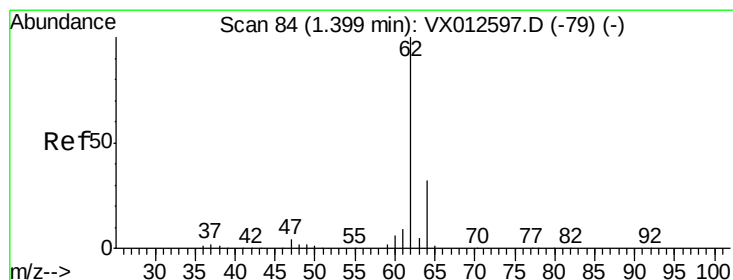
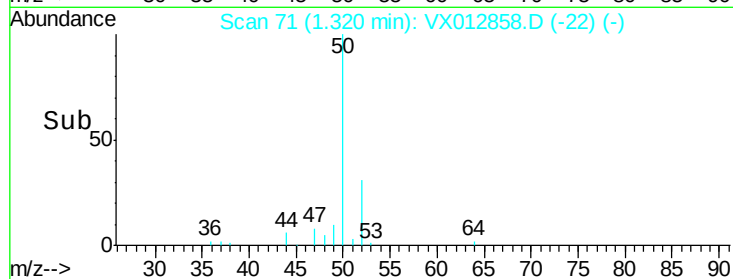
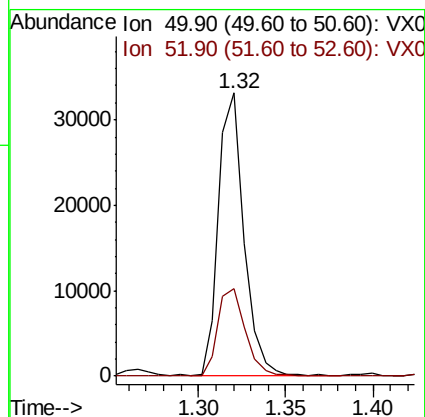
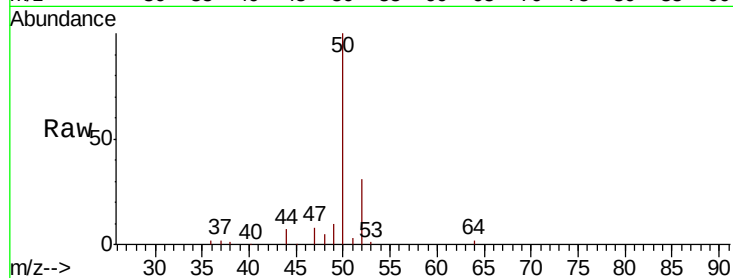
52 30.9 25.7 38.5

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#4

Vinyl Chloride

Concen: 16.512 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012858.D

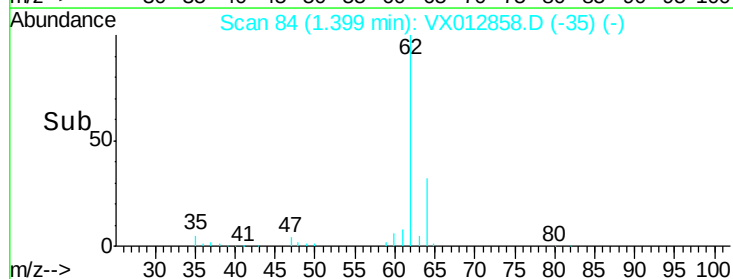
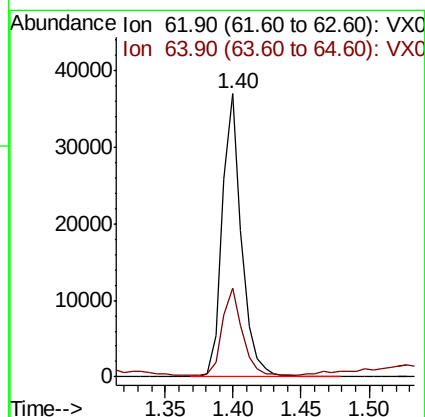
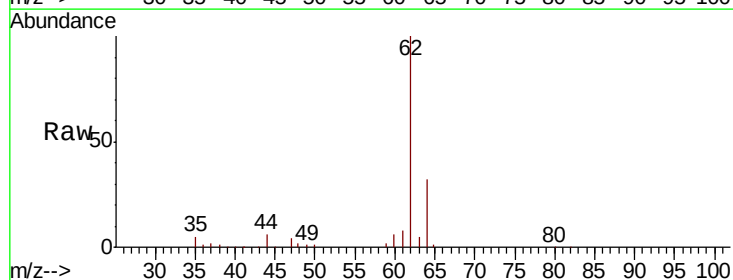
Acq: 07 Oct 2019 23:46

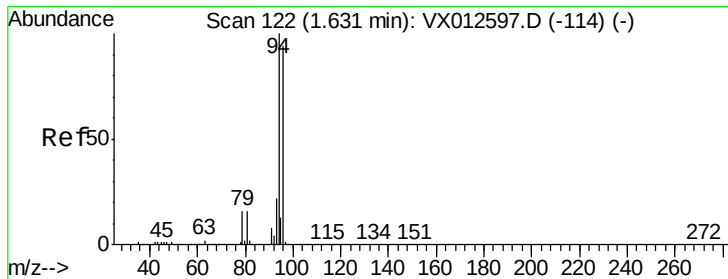
Tgt Ion: 62 Resp: 36062

Ion Ratio Lower Upper

62 100

64 30.8 24.2 36.2





#5

Bromomethane

Concen: 18.364 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion: 94 Resp: 15769

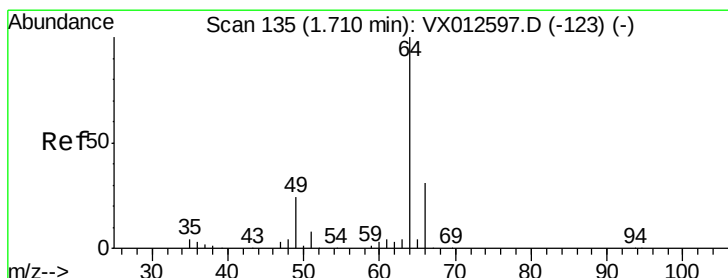
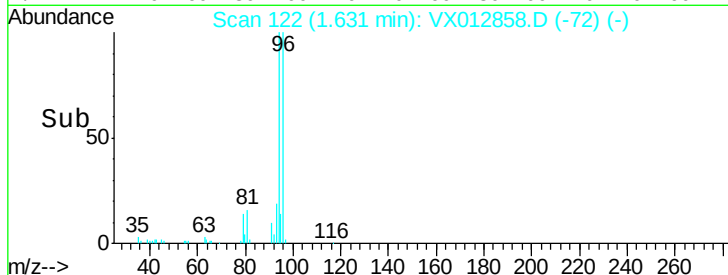
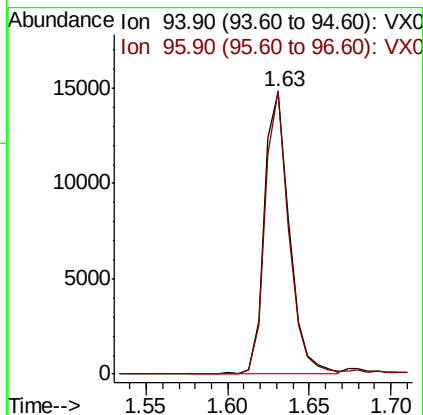
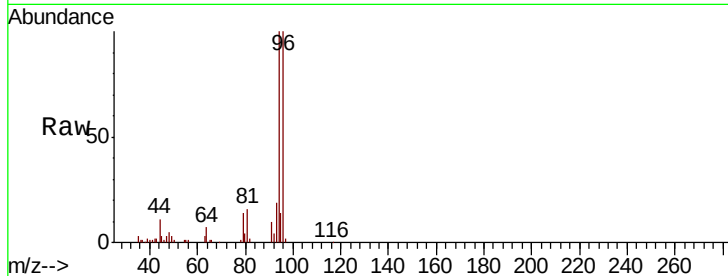
Ion Ratio Lower Upper

94 100

96 100.2 72.8 109.2

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#6

Chloroethane

Concen: 17.491 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012858.D

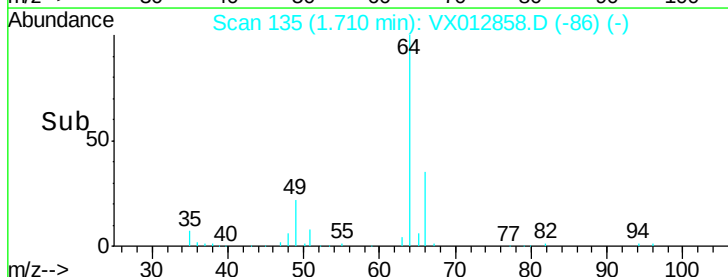
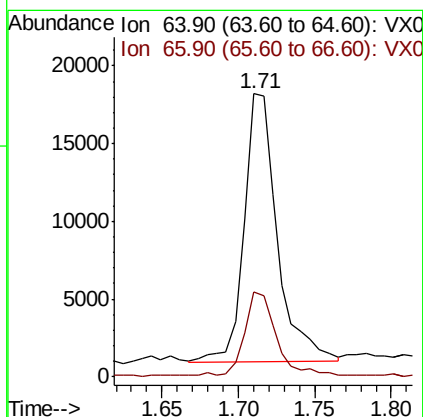
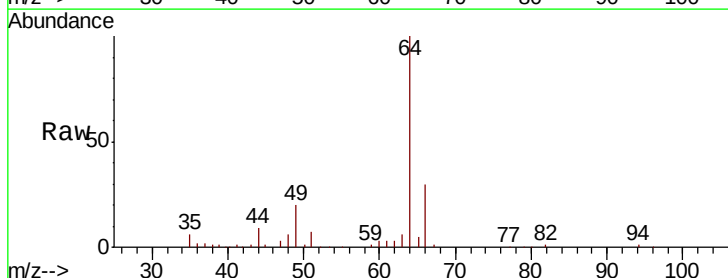
Acq: 07 Oct 2019 23:46

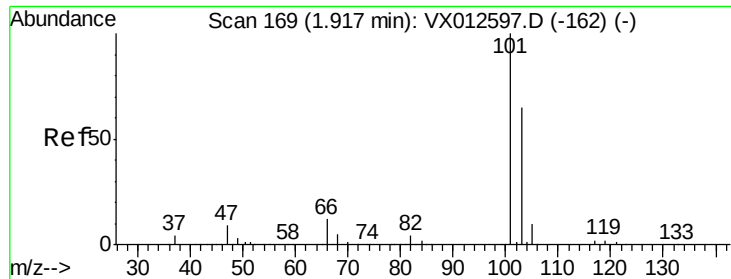
Tgt Ion: 64 Resp: 25751

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0





#7

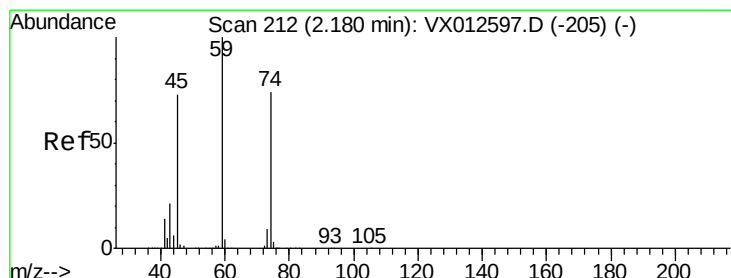
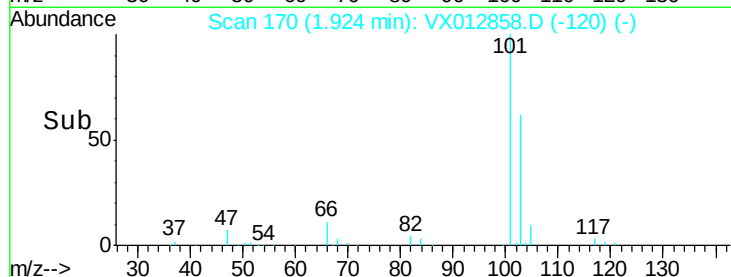
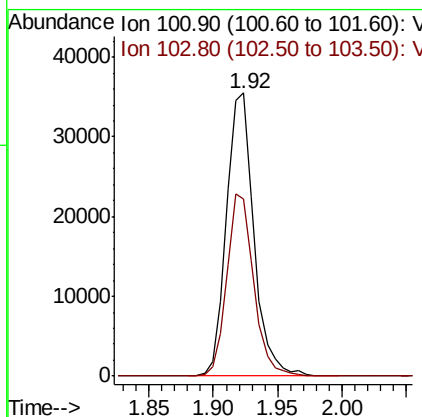
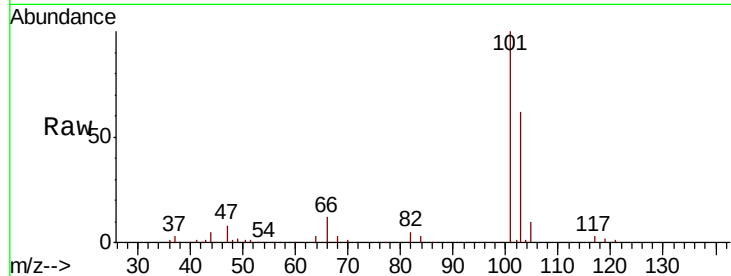
Trichlorofluoromethane
Concen: 17.418 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
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ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.0	76.4

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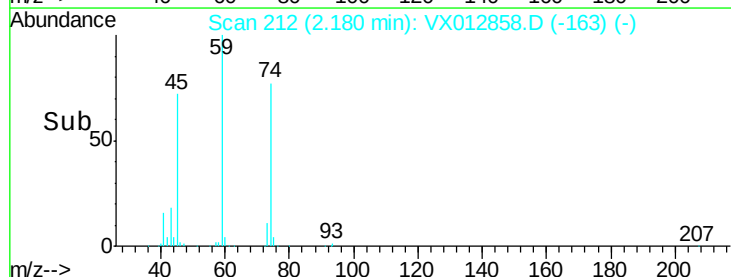
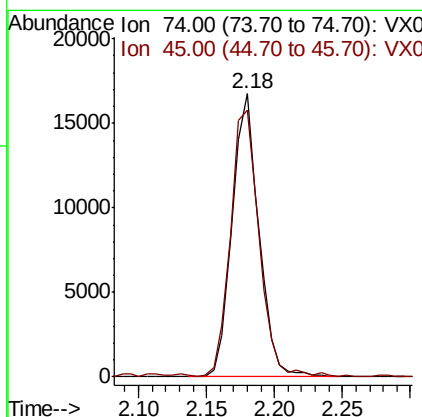
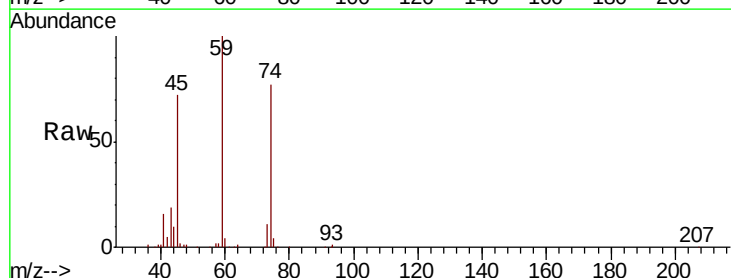
MMDadoda
10/8/2019 2:07:15 PM

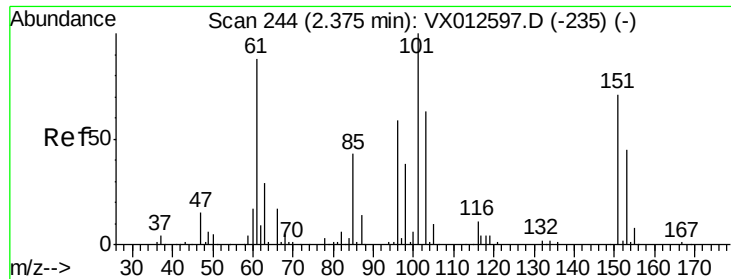


#8

Diethyl Ether
Concen: 18.199 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	49.9	149.7





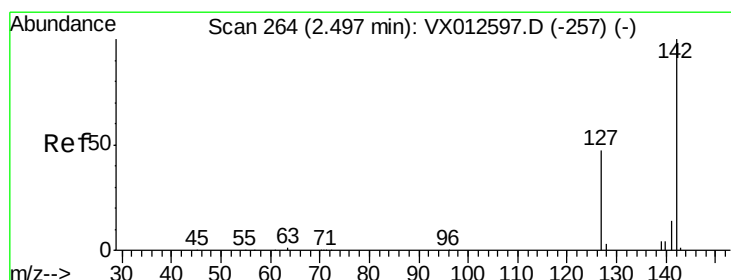
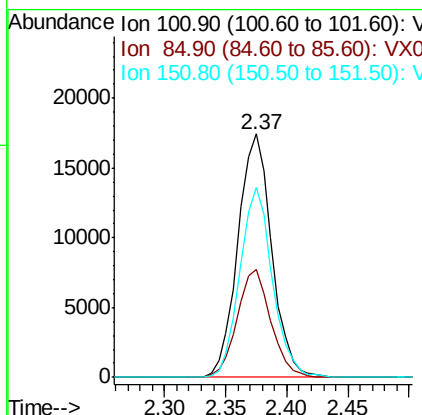
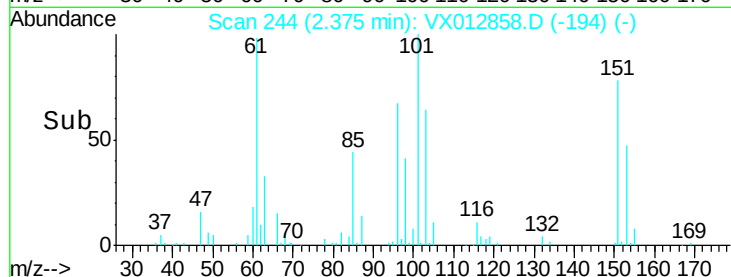
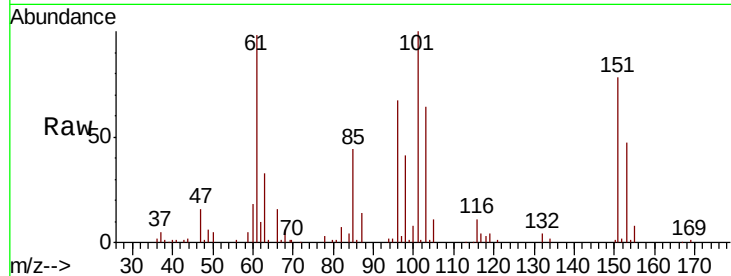
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.912 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VX012858.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.0	37.3	55.9
151	75.3	61.0	91.4

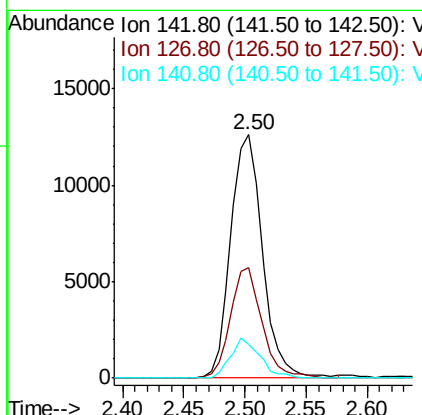
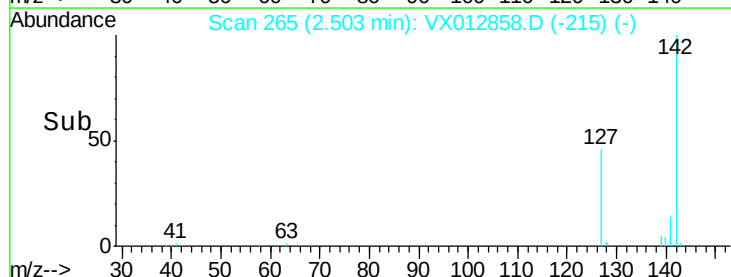
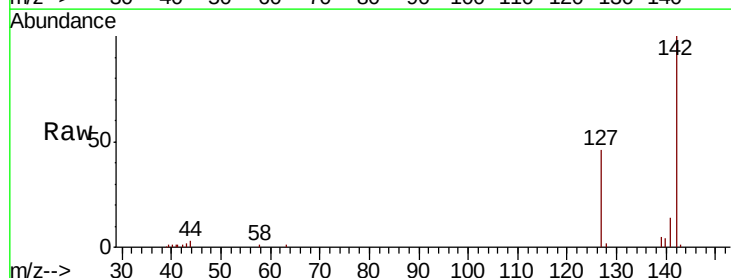
Manual Integrations
 APPROVED

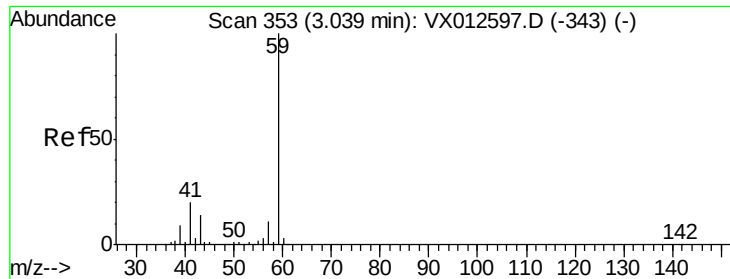
MMDadoda
 10/8/2019 2:07:15 PM



#10
 Methyl Iodide
 Concen: 15.376 ug/l
 RT: 2.50 min Scan# 265
 Delta R.T. 0.01 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.4	40.8	61.2
141	14.9	12.1	18.1





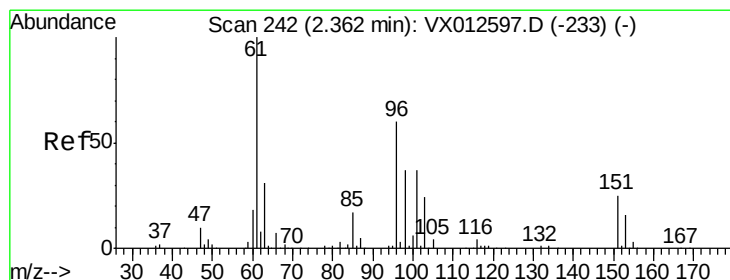
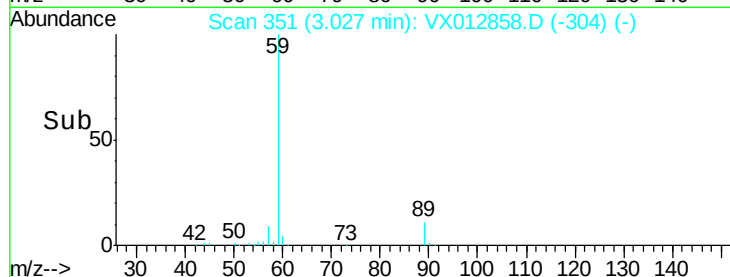
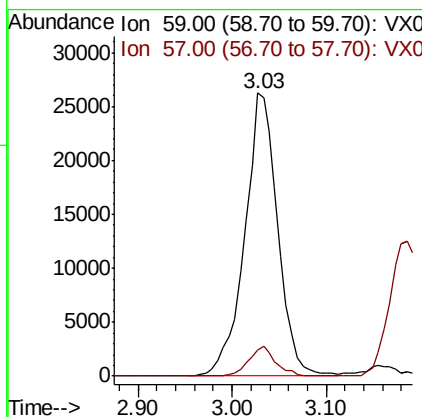
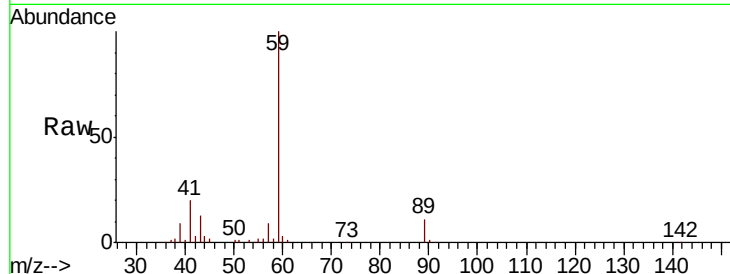
#11
Tert butyl alcohol
Concen: 104.290 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	59	Resp	64527
Ion Ratio	100	Lower	Upper
57	8.5	8.3	12.5

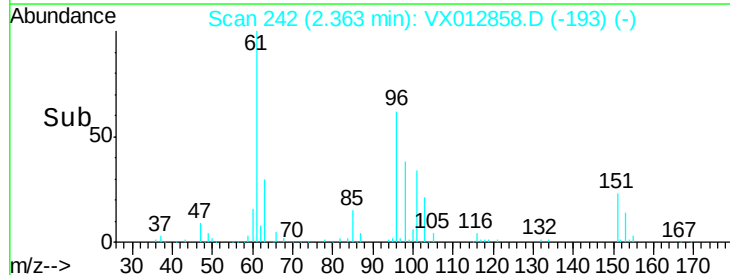
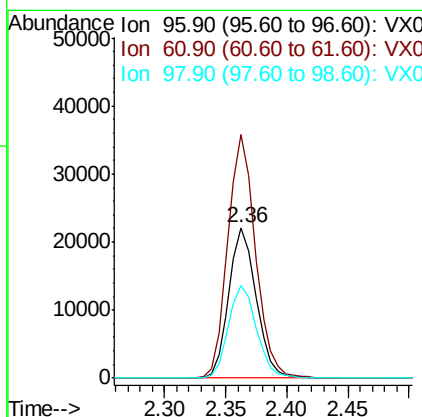
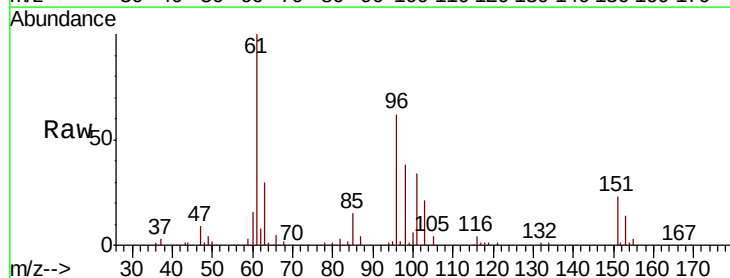
Manual Integrations
APPROVED

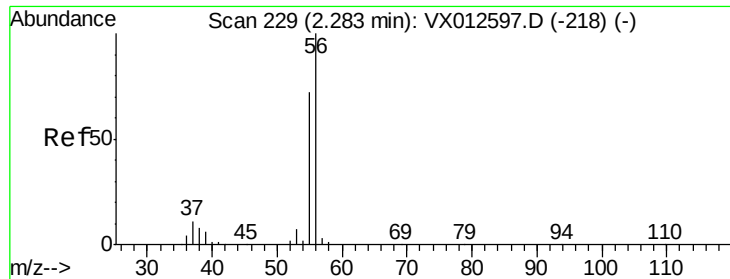
MMDadoda
10/8/2019 2:07:15 PM



#12
1,1-Dichloroethene
Concen: 18.782 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	96	Resp	34348
Ion Ratio	100	Lower	Upper
61	161.9	133.8	200.6
98	61.2	49.9	74.9





#13

Acrolein

Concen: 70.904 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion: 56 Resp: 21804

Ion Ratio Lower Upper

56 100

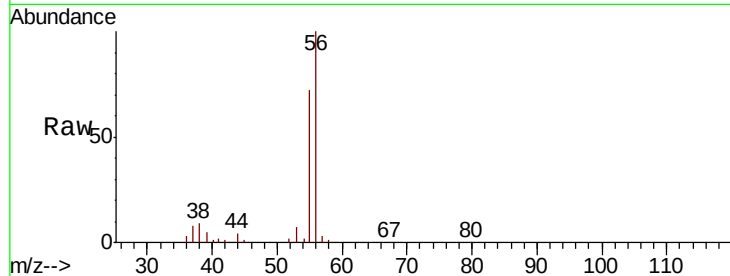
55 70.2 55.8 83.8

Manual Integrations

APPROVED

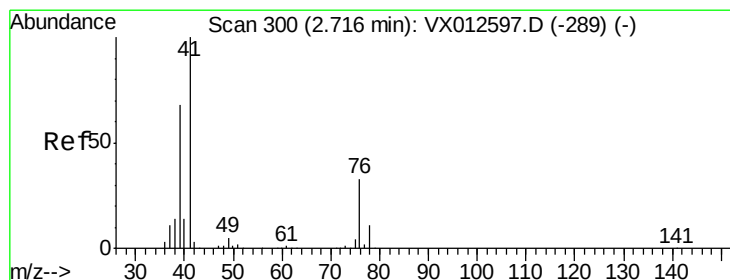
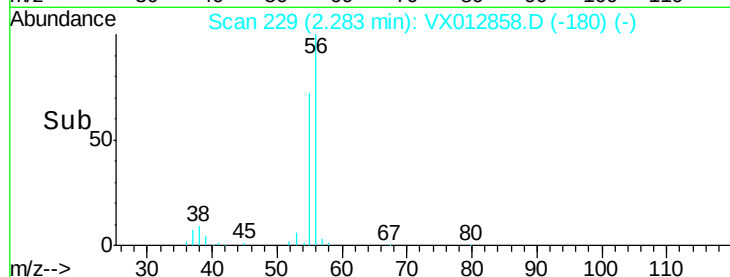
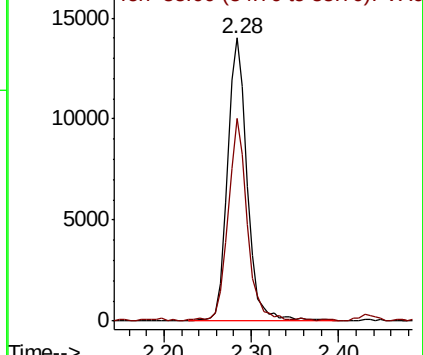
MMDadoda

10/8/2019 2:07:15 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.641 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

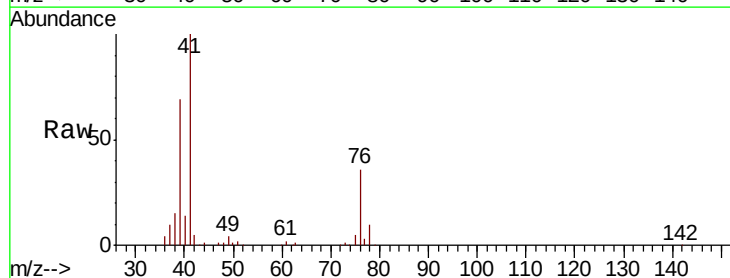
Tgt Ion: 41 Resp: 64008

Ion Ratio Lower Upper

41 100

39 63.1 51.3 76.9

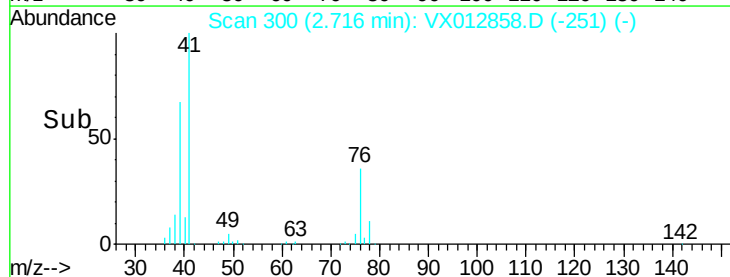
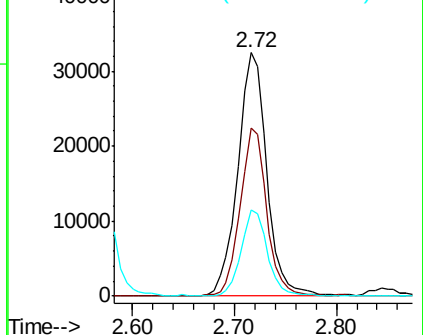
76 32.0 22.6 33.8

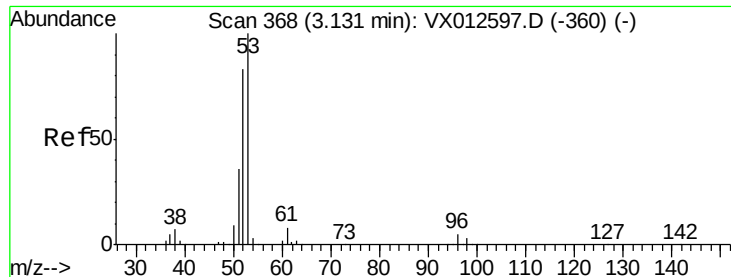


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.980 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

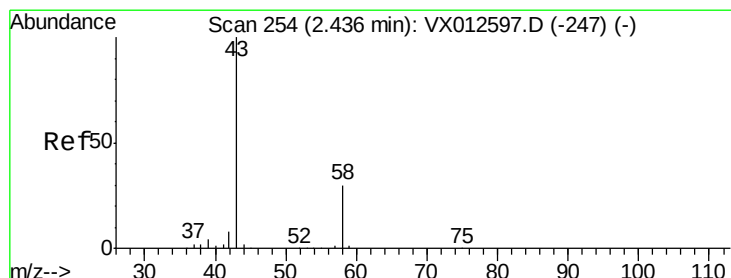
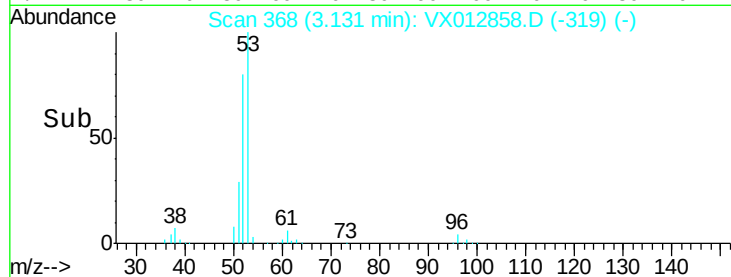
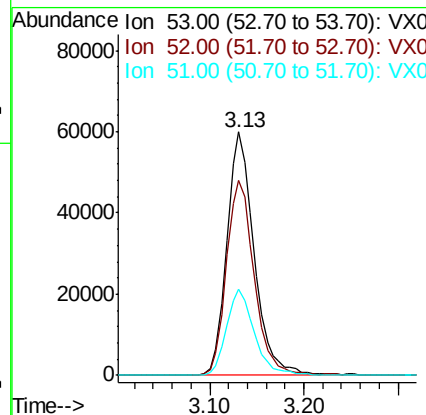
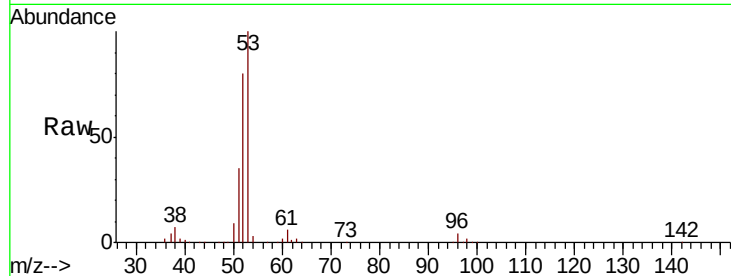
ClientSampleId :

VX1007WBS02

Tot Ion:	53	Resp:	120481
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.0	100.4
51	36.1	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 79.274 ug/l

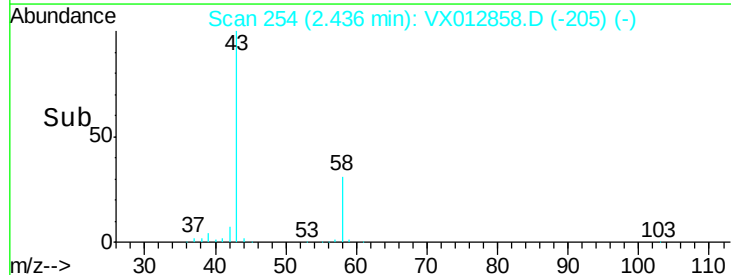
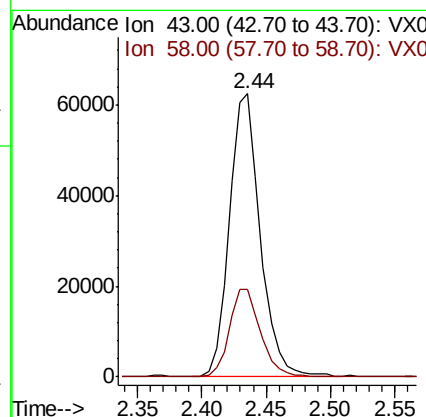
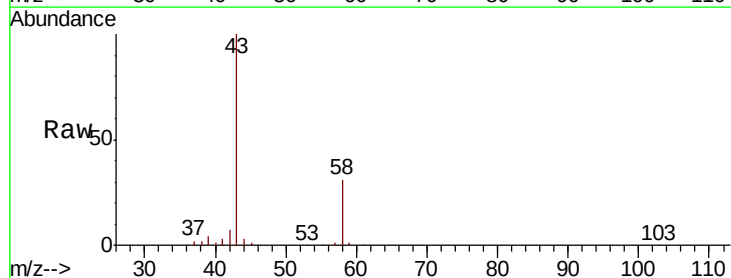
RT: 2.44 min Scan# 254

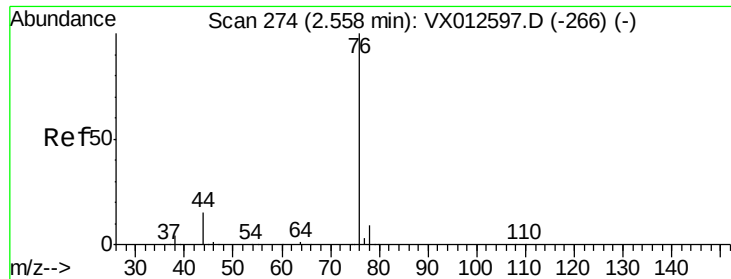
Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion:	43	Resp:	104002
Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.3	34.9





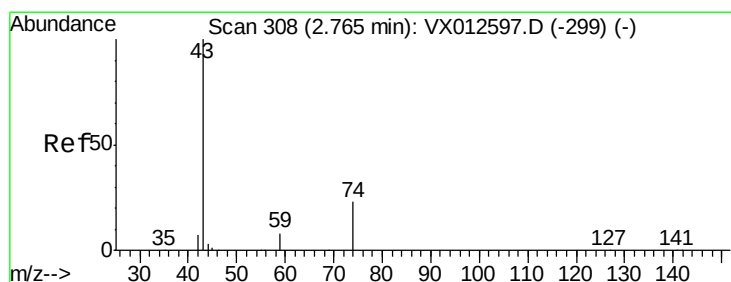
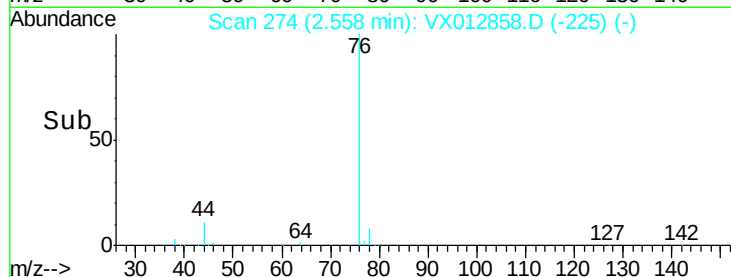
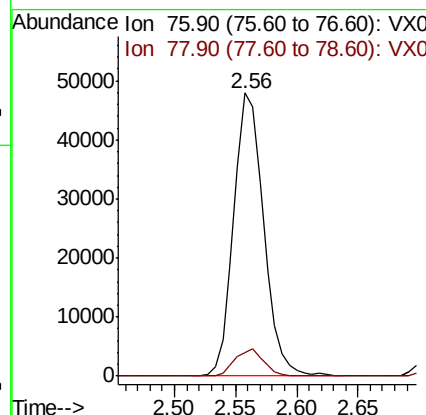
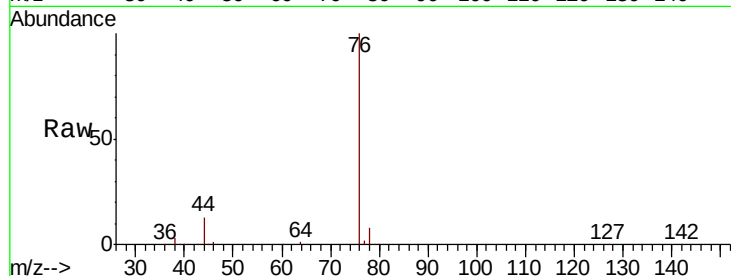
#17
Carbon Disulfide
Concen: 15.872 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

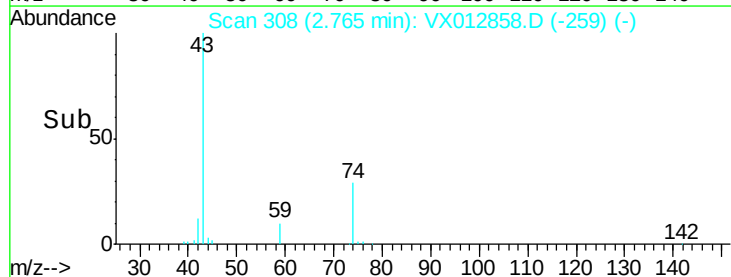
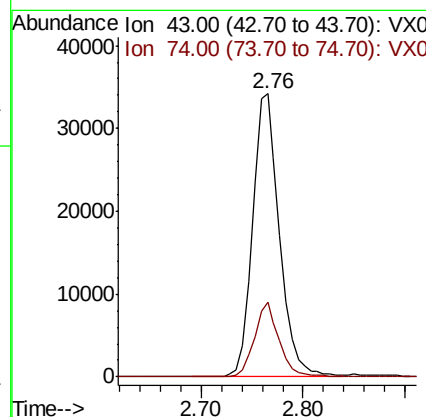
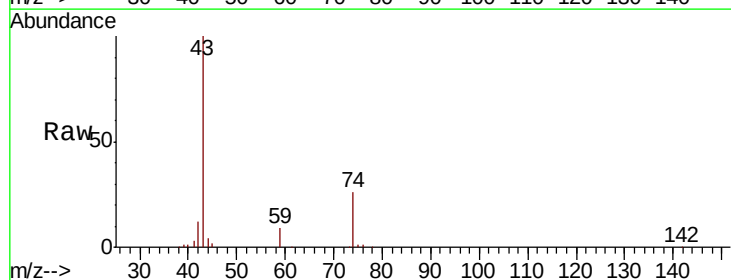
Manual Integrations
APPROVED

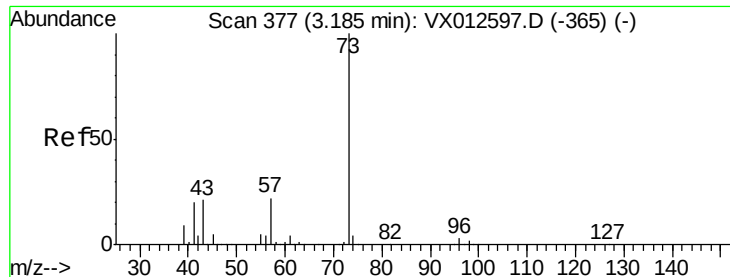
MMDadoda
10/8/2019 2:07:15 PM



#18
Methyl Acetate
Concen: 20.308 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	17.7	26.5





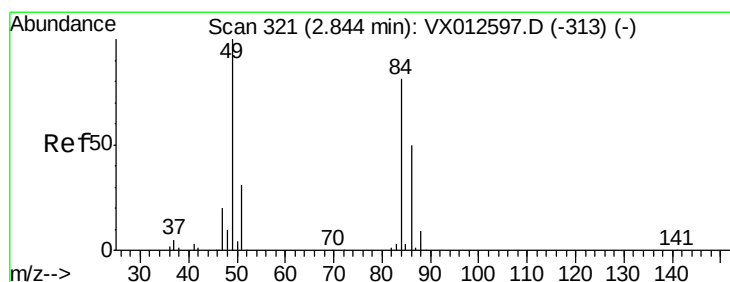
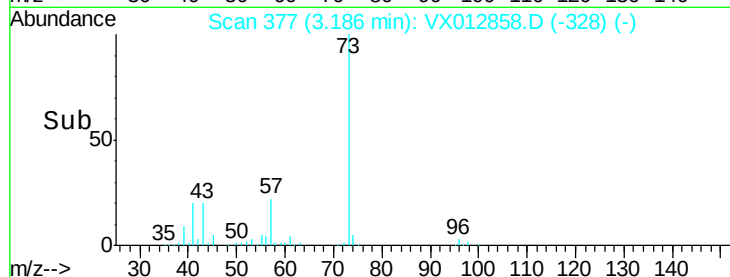
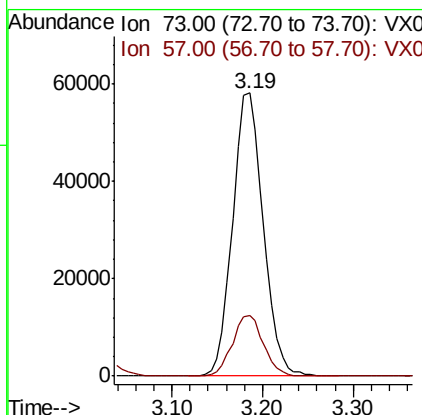
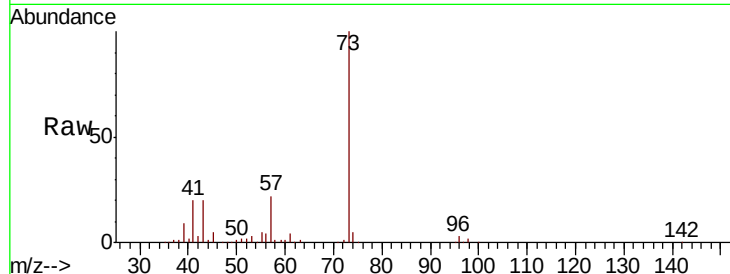
#19
Methyl tert-butyl Ether
Concen: 19.675 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

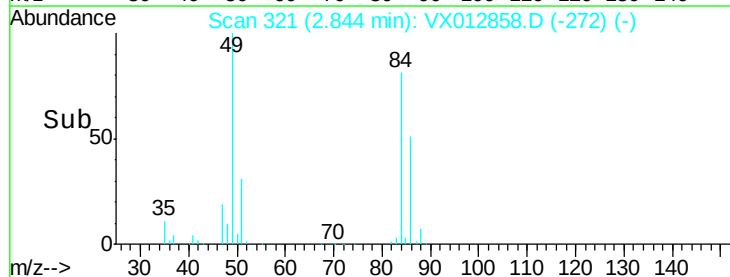
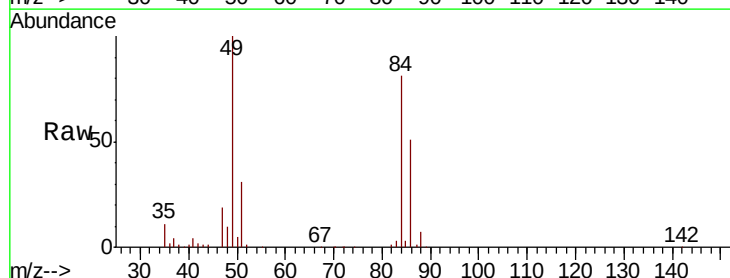
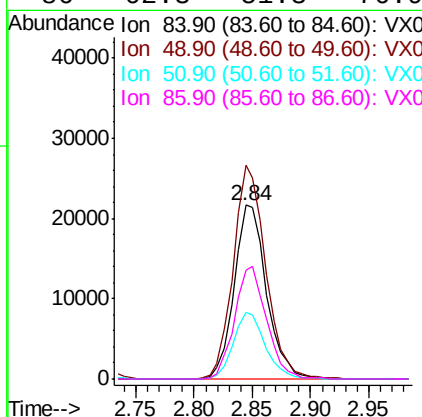
Manual Integrations
APPROVED

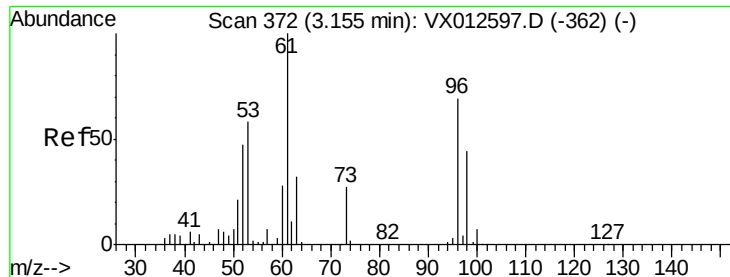
MMDadoda
10/8/2019 2:07:15 PM



#20
Methylene Chloride
Concen: 18.950 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	106.8	160.2
51	38.1	32.3	48.5
86	62.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 18.683 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

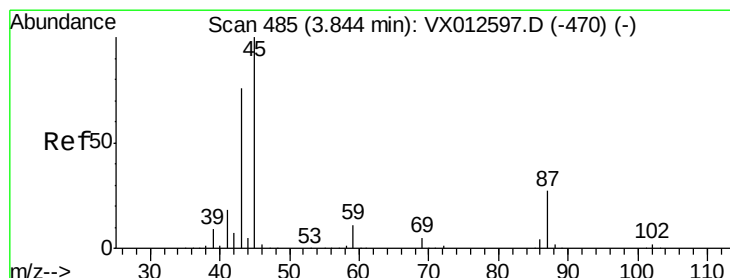
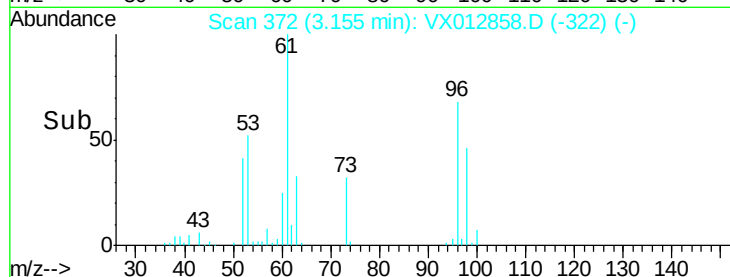
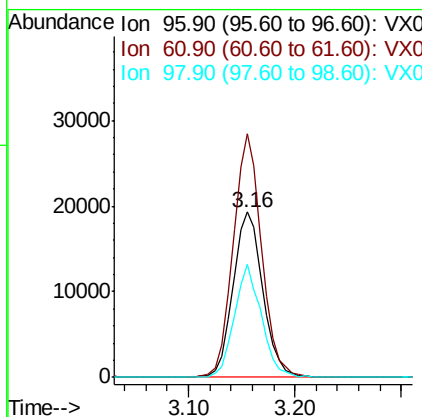
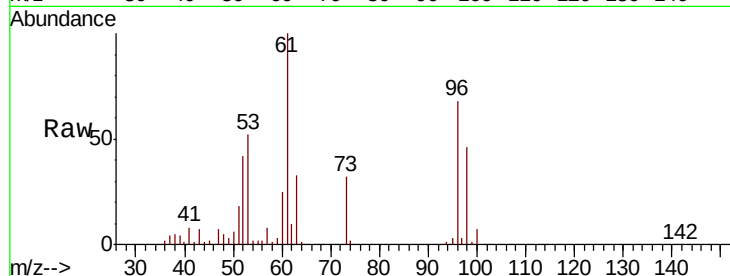
ClientSampleId :

VX1007WBS02

Tot Ion:	96	Resp:	37851
Ion	Ratio	Lower	Upper
96	100		
61	147.1	112.0	168.0
98	68.1	47.8	71.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.314 ug/l

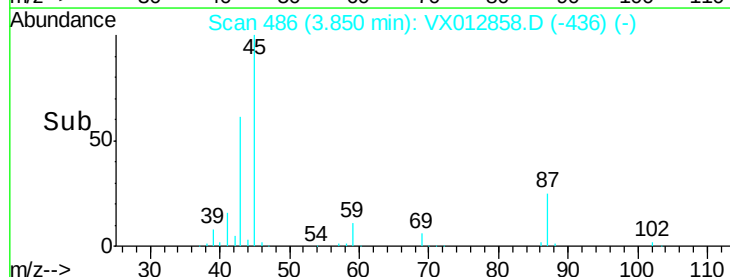
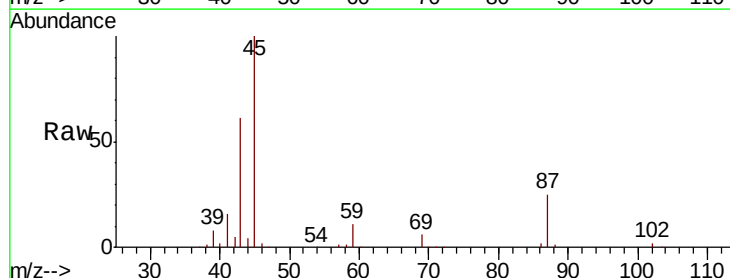
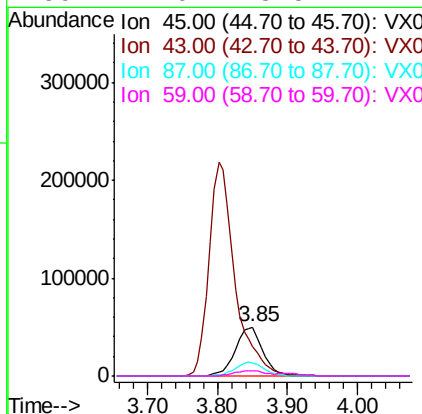
RT: 3.85 min Scan# 486

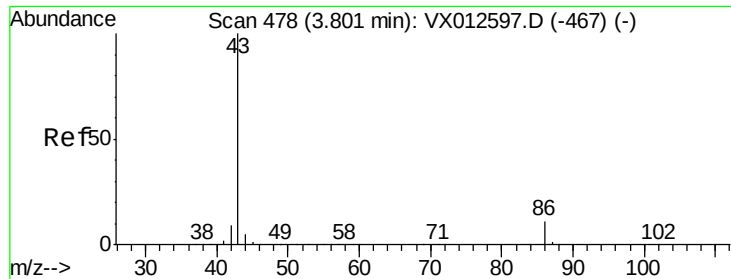
Delta R.T. 0.01 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion:	45	Resp:	135403
Ion	Ratio	Lower	Upper
45	100		
43	59.9	57.8	86.8
87	25.3	21.3	31.9
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 92.093 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion: 43 Resp: 566199

Ion Ratio Lower Upper

43 100

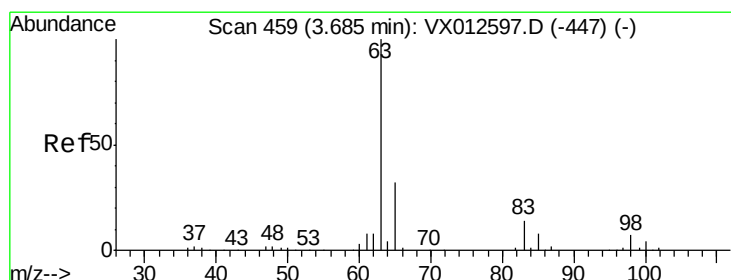
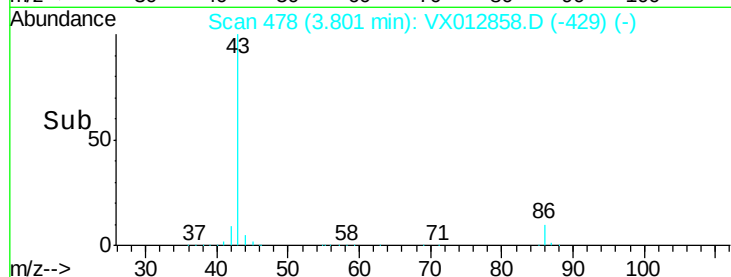
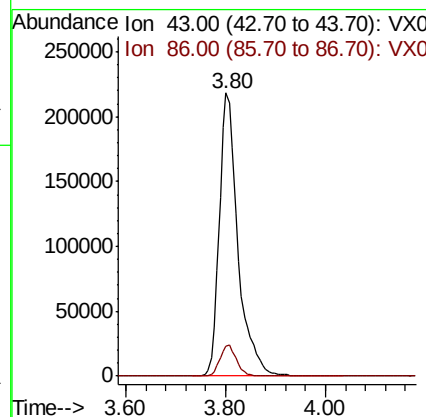
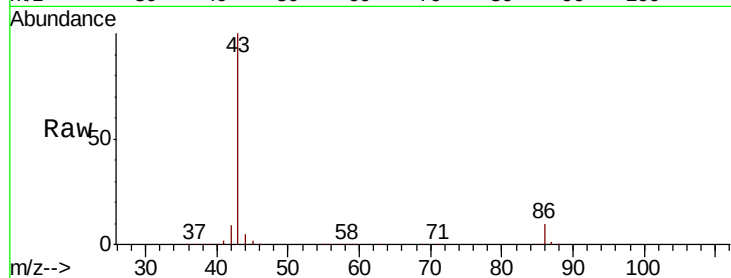
86 10.5 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.835 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

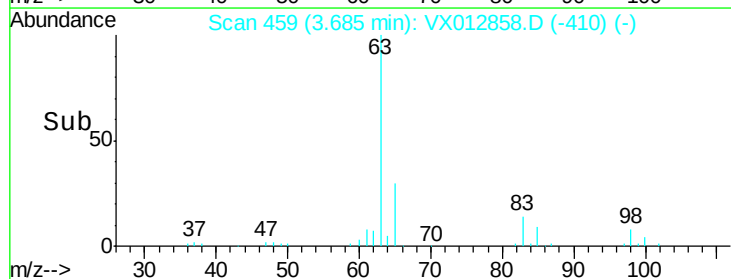
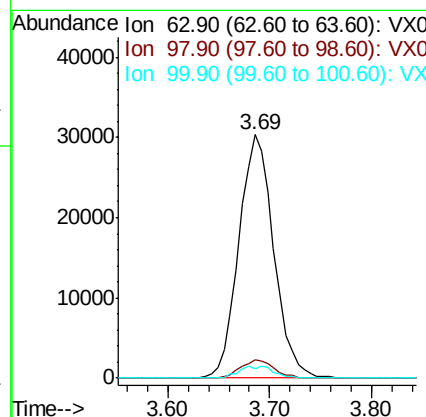
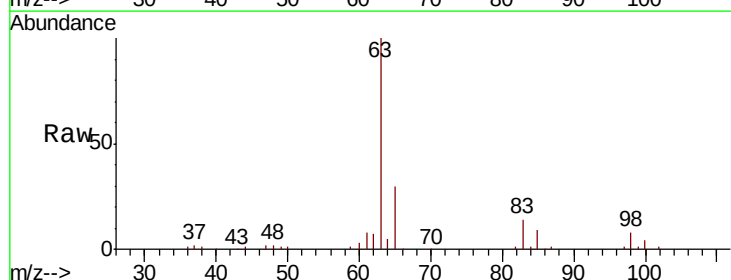
Tgt Ion: 63 Resp: 71777

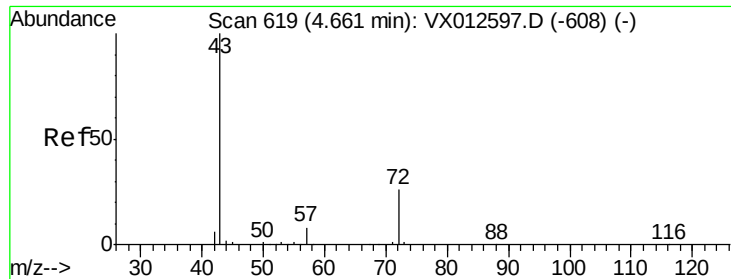
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 89.809 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion: 43 Resp: 168940

Ion Ratio Lower Upper

43 100

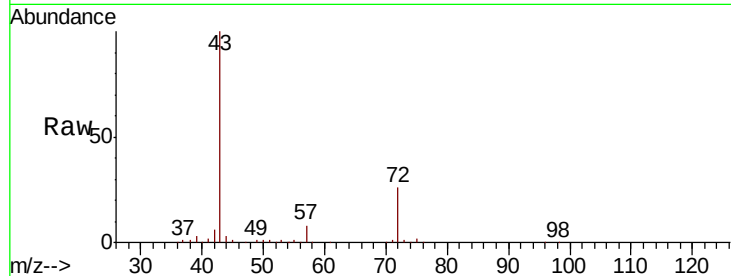
72 25.7 19.2 28.8

Manual Integrations

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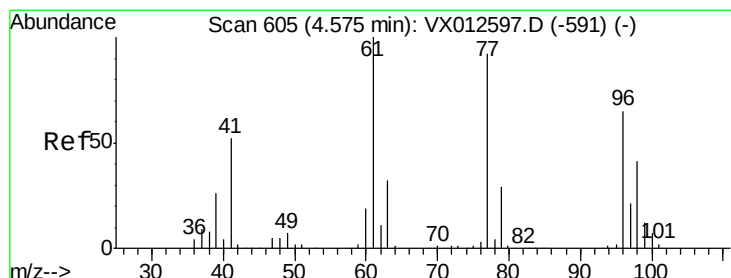
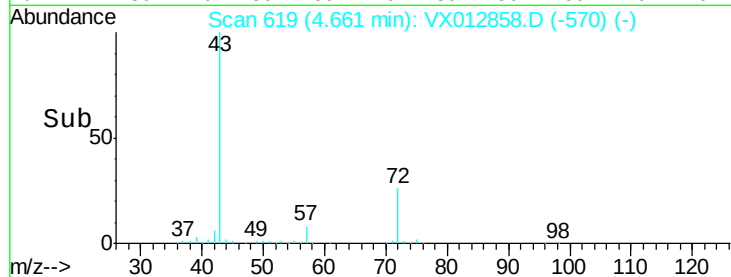
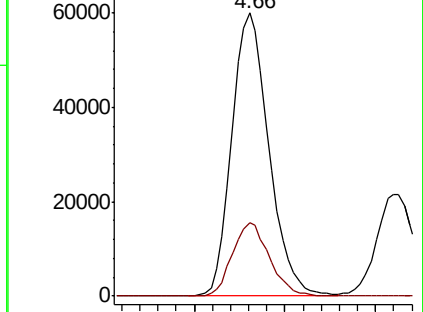
MMDadoda

10/8/2019 2:07:15 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.904 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012858.D

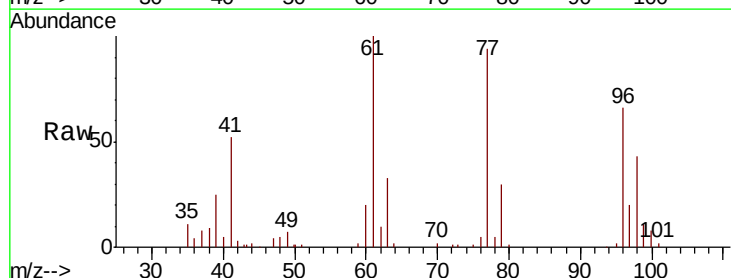
Acq: 07 Oct 2019 23:46

Tgt Ion: 77 Resp: 47126

Ion Ratio Lower Upper

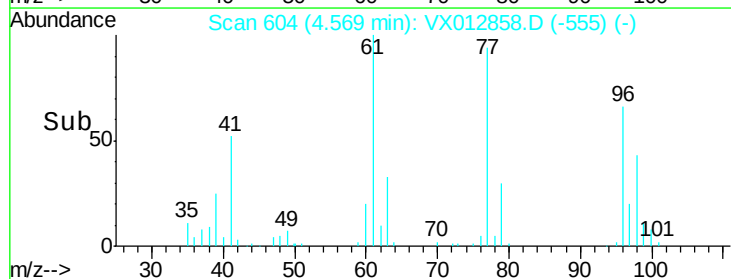
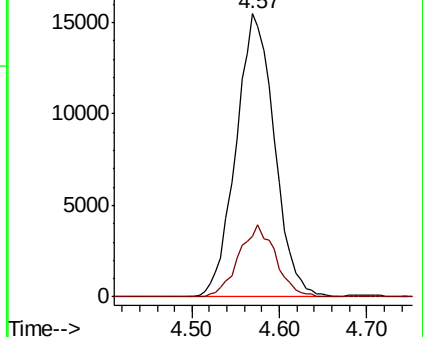
77 100

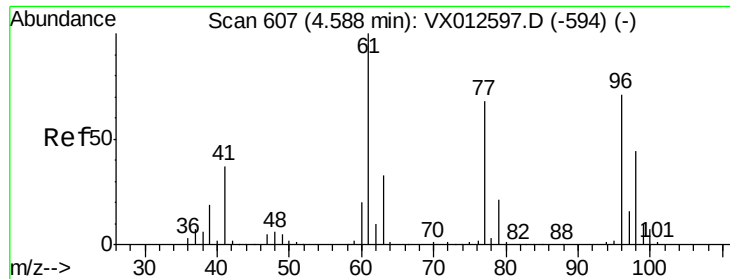
97 24.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

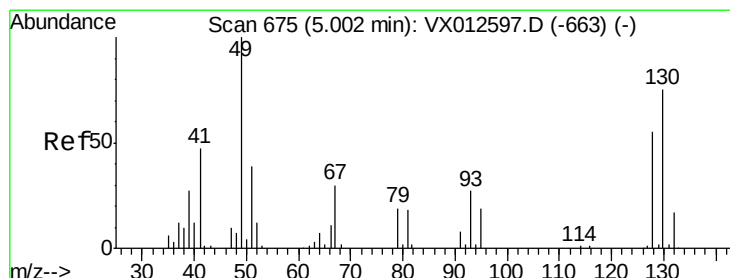
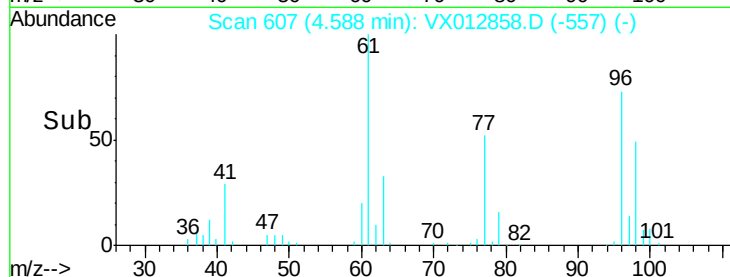
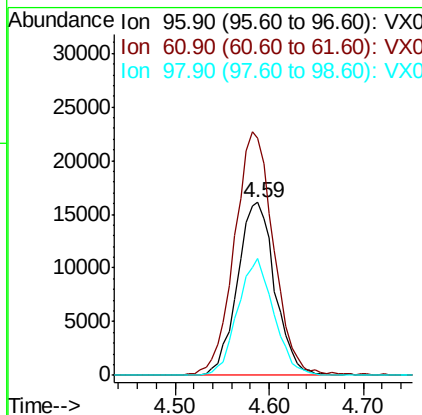
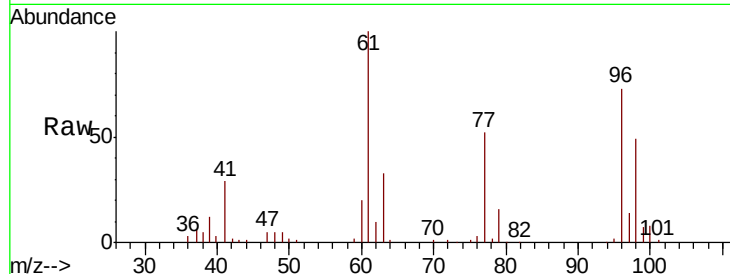
cis-1,2-Dichloroethene
Concen: 19.098 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	44895		
61	147.3	0.0	319.4	
98	64.7	0.0	130.6	

Manual Integrations
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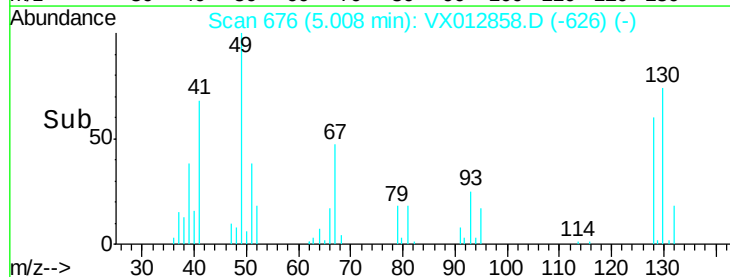
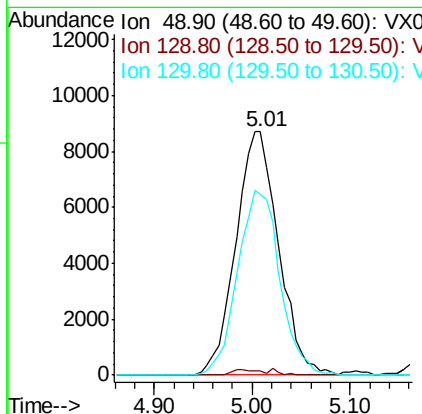
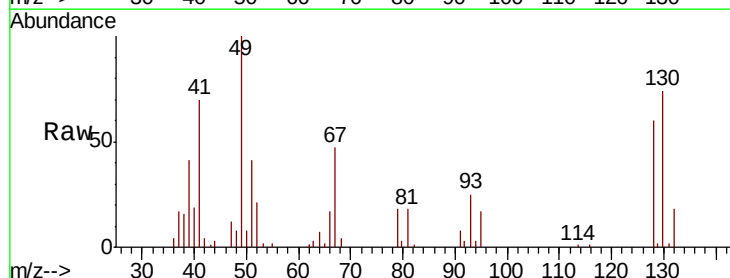
MMDadoda
10/8/2019 2:07:15 PM

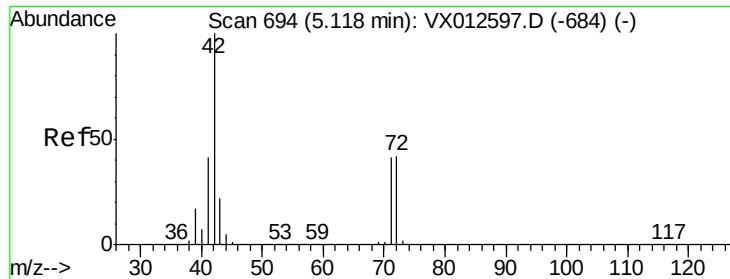


#28

Bromochloromethane
Concen: 19.012 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	26307		
129	1.5	0.0	3.8	
130	75.5	58.2	87.4	





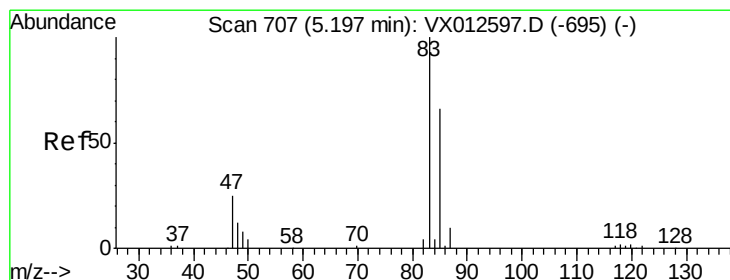
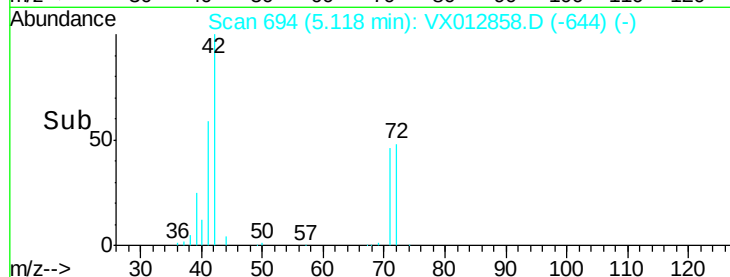
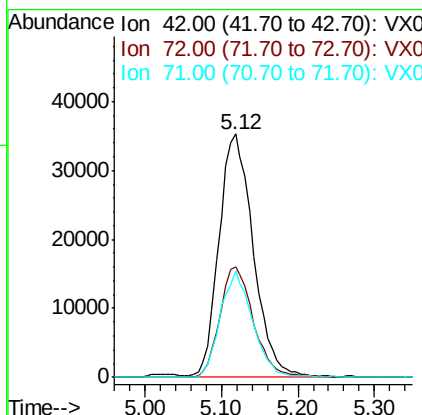
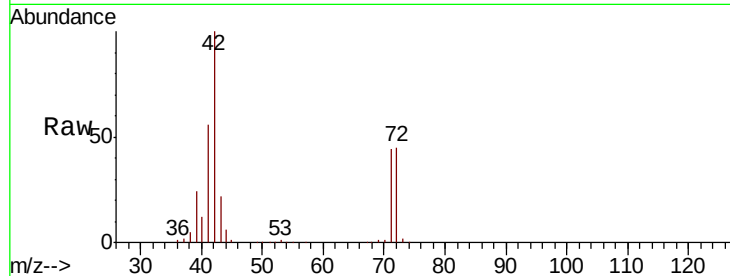
#29
Tetrahydrofuran
Concen: 94.934 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.0	51.0
71	41.8	31.5	47.3

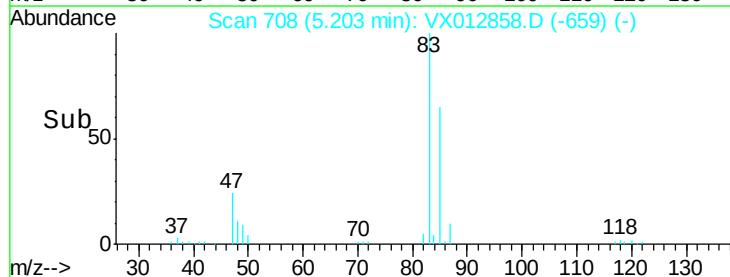
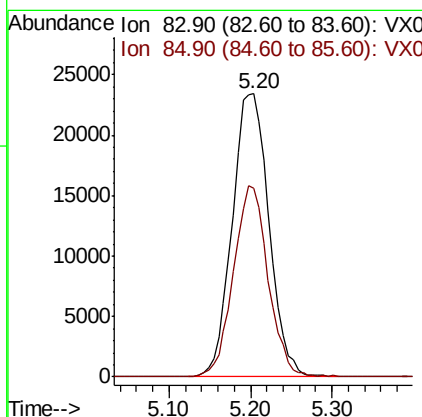
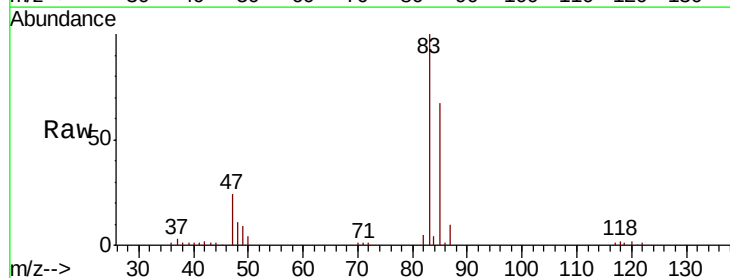
Manual Integrations
APPROVED

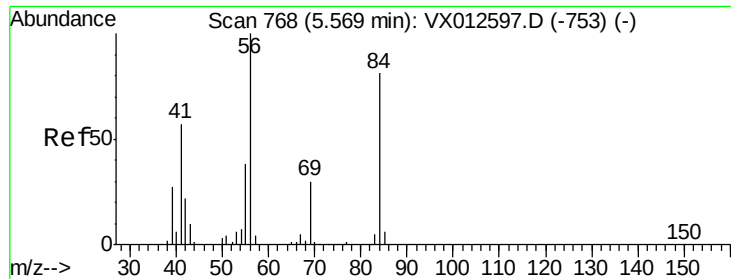
MMDadoda
10/8/2019 2:07:15 PM



#30
Chloroform
Concen: 18.711 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	53.0	79.4





#31

Cyclohexane

Concen: 17.530 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

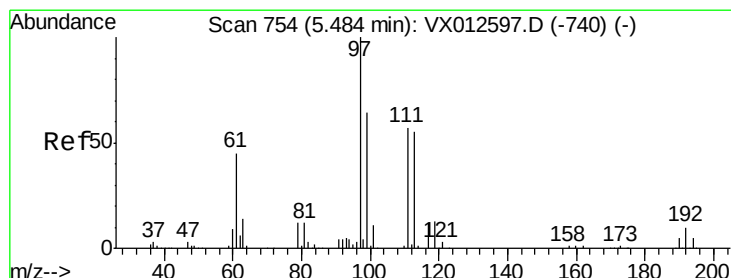
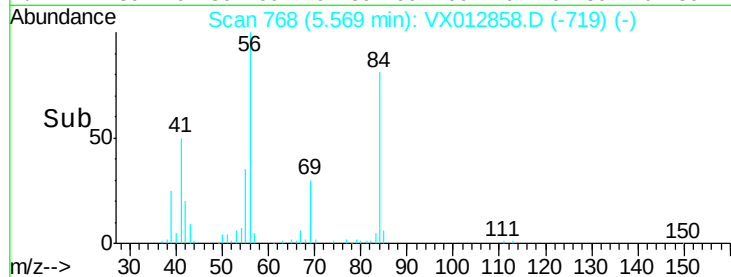
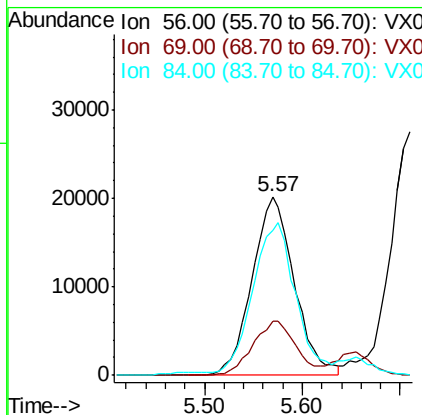
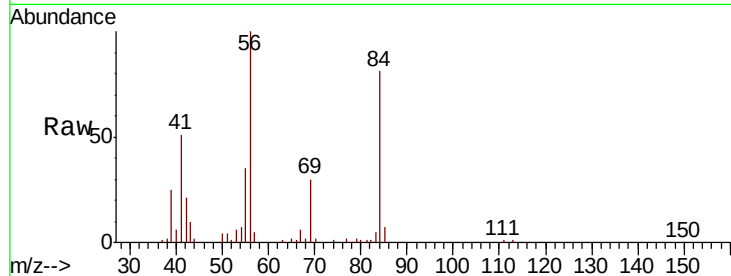
ClientSampleId :

VX1007WBS02

Tot Ion:	56	Resp:	60436
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.0	37.6
84	79.2	66.4	99.6

Manual Integrations
APPROVED

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10/8/2019 2:07:15 PM



#32

1,1,1-Trichloroethane

Concen: 18.191 ug/l

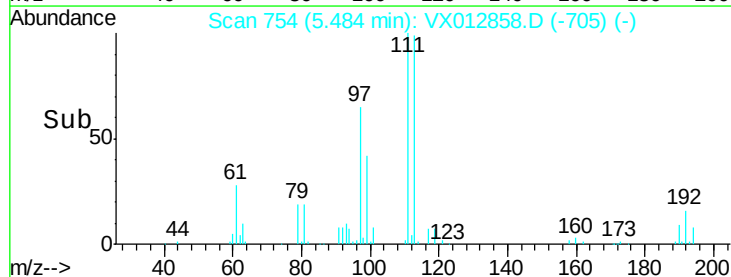
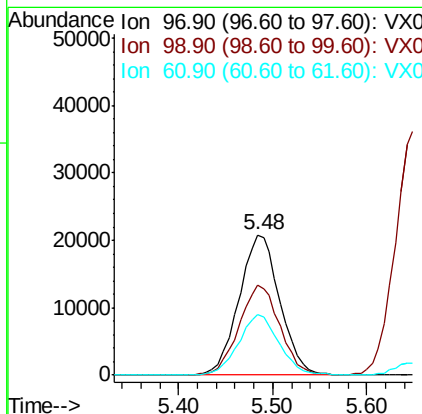
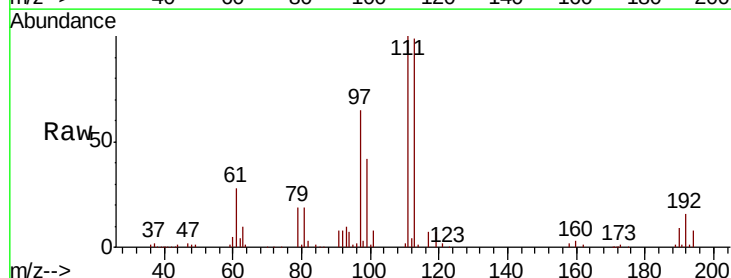
RT: 5.48 min Scan# 754

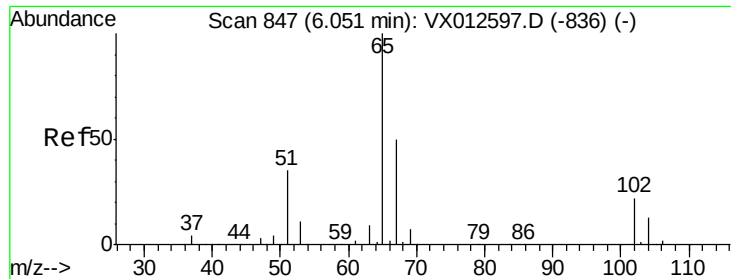
Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion:	97	Resp:	62859
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	43.0	36.1	54.1





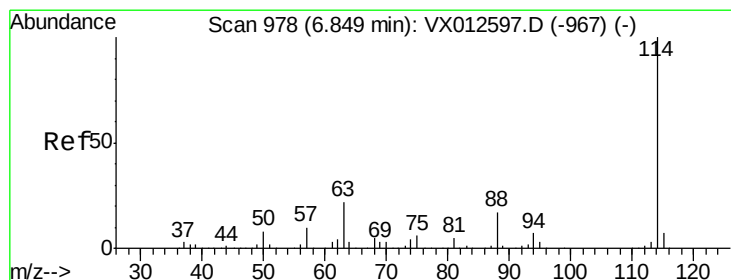
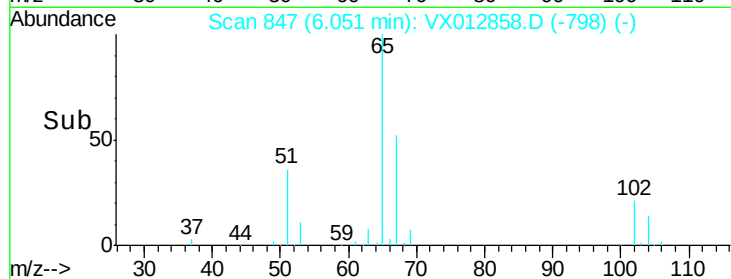
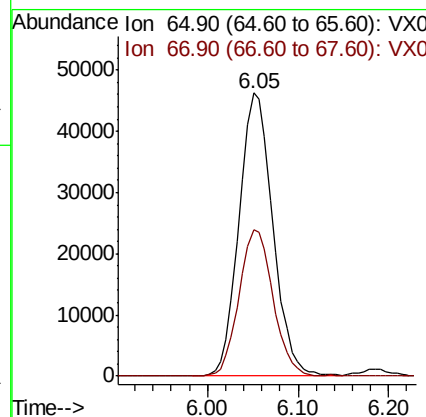
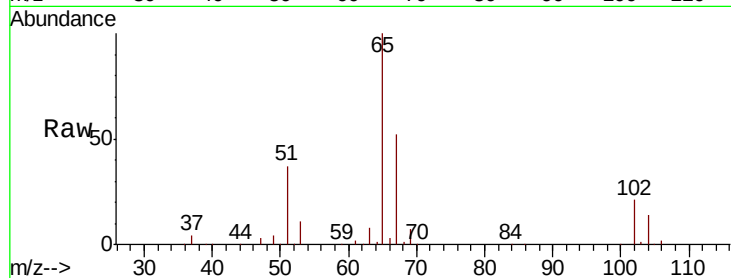
#33
 1,2-Dichloroethane-d4
 Concen: 48.329 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX1007WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.2

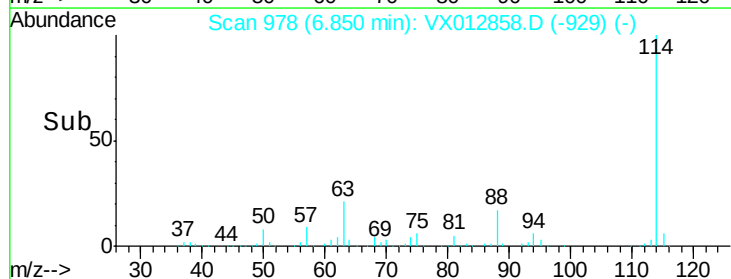
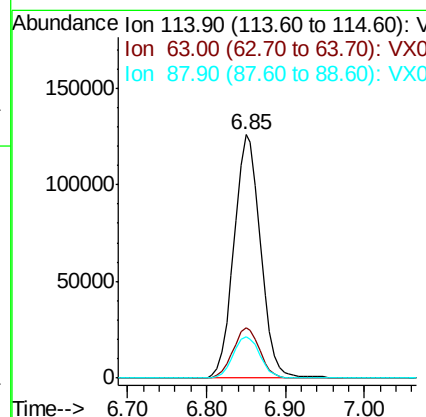
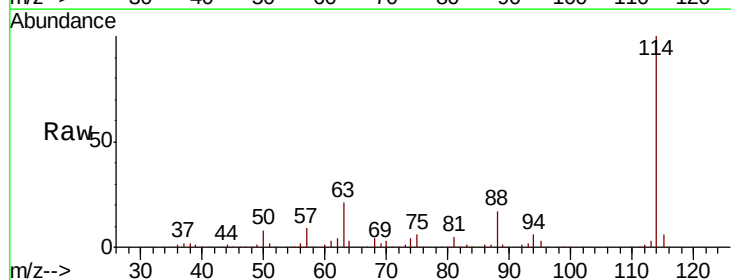
Manual Integrations
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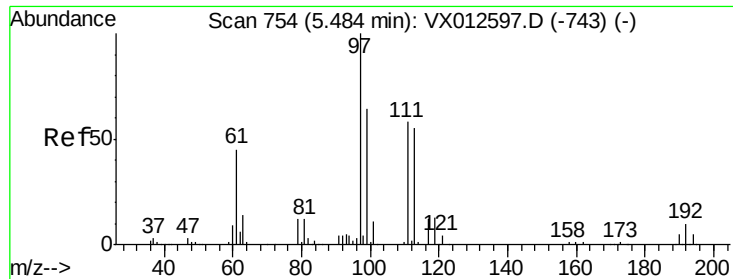
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	17.1	0.0	33.2





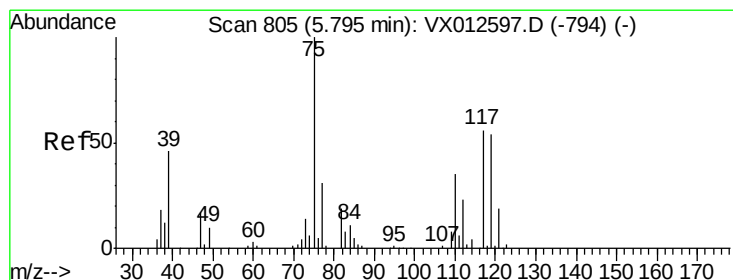
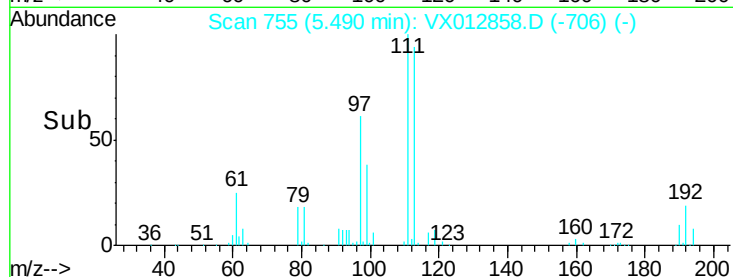
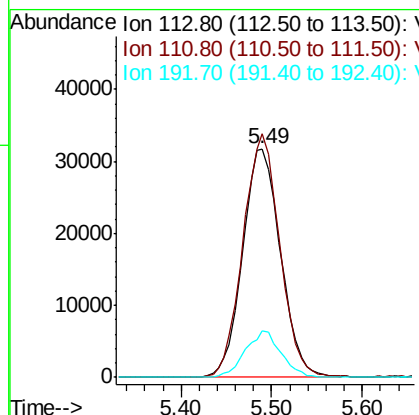
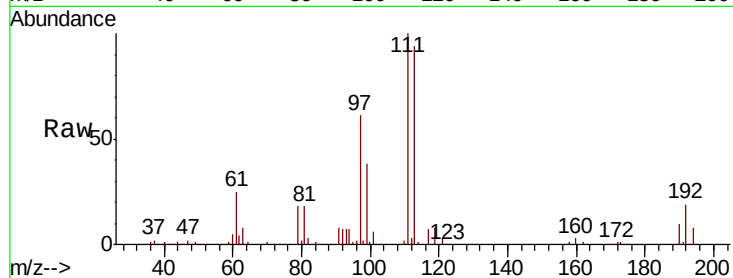
#35
Dibromofluoromethane
Concen: 52.168 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	19.1	14.4	21.6

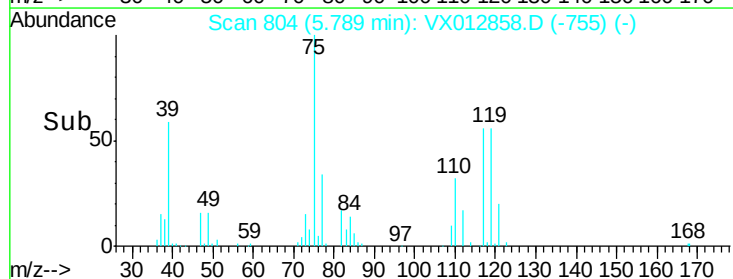
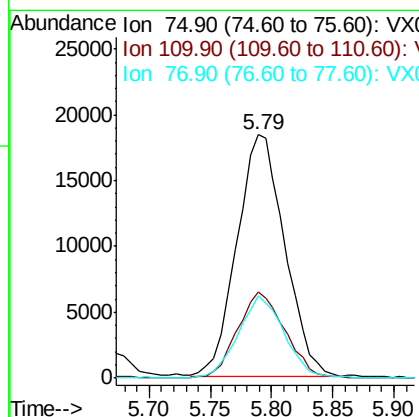
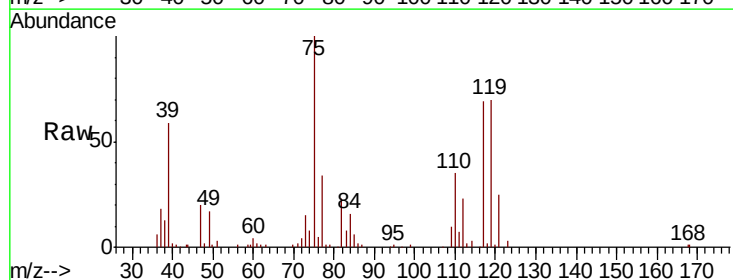
Manual Integrations
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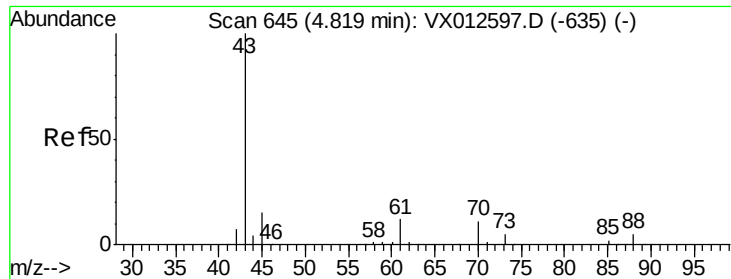
MMDadoda
10/8/2019 2:07:15 PM



#36
1,1-Dichloropropene
Concen: 17.536 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	16.7	50.0
77	32.9	24.2	36.2





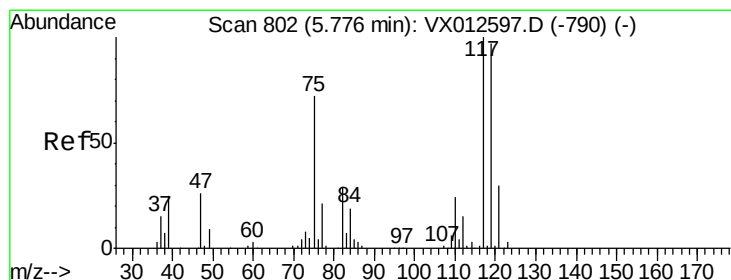
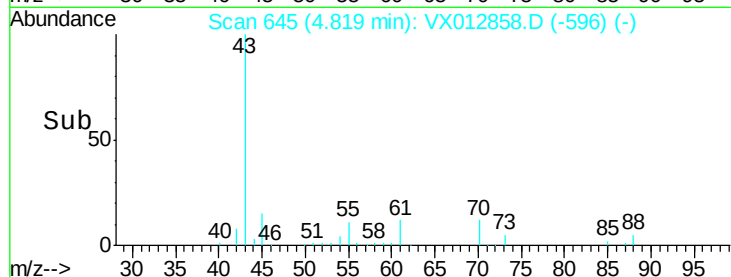
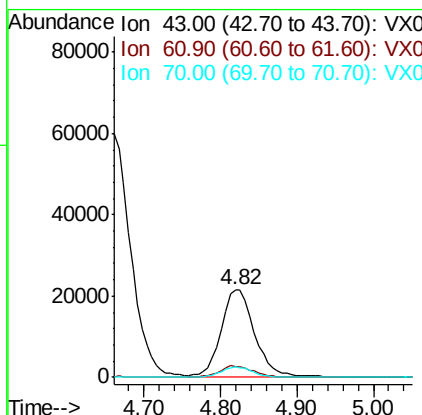
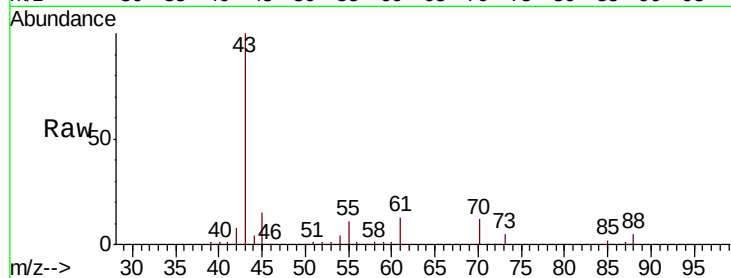
#37
Ethyl Acetate
Concen: 19.424 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.2	15.4
70	11.5	8.7	13.1

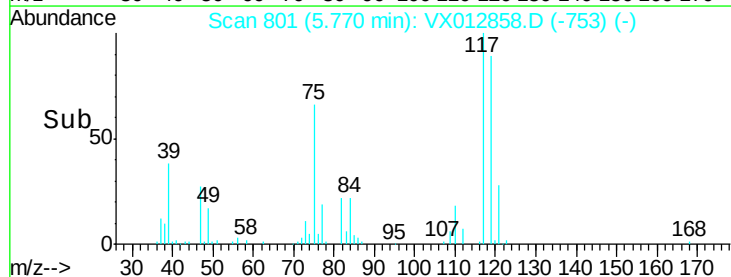
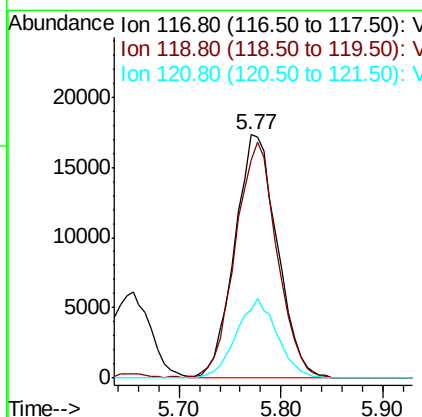
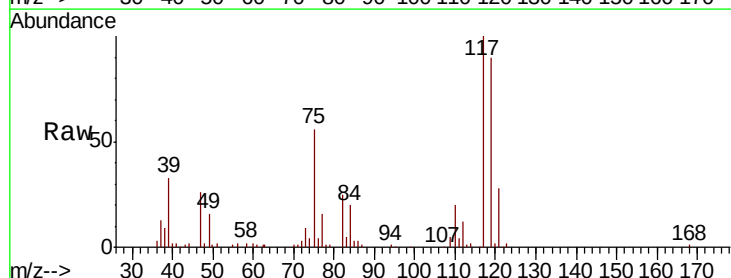
Manual Integrations
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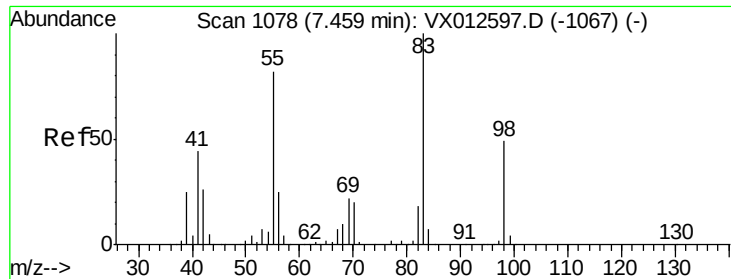
MMDadoda
10/8/2019 2:07:15 PM



#38
Carbon Tetrachloride
Concen: 17.377 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	75.7	113.5
121	28.2	24.2	36.4





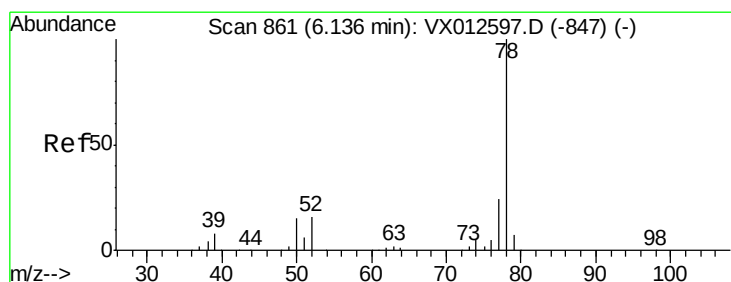
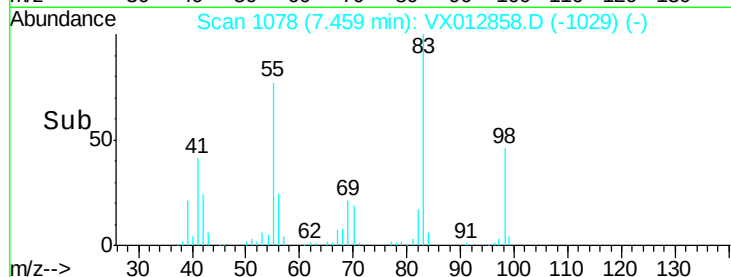
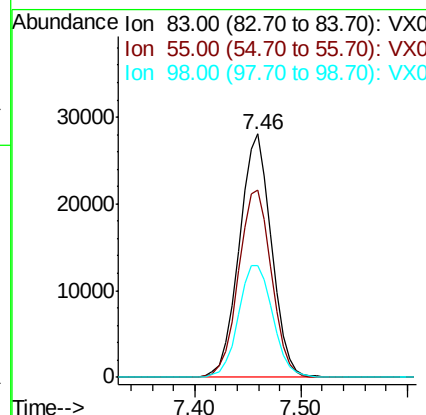
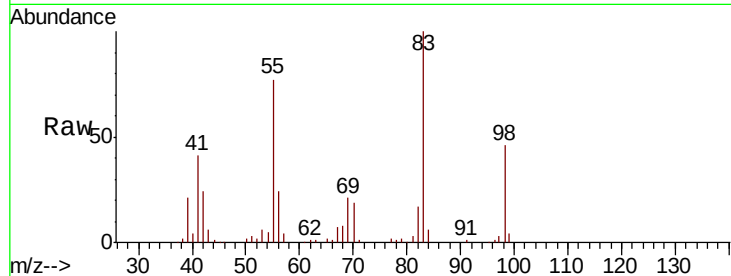
#39
Methylvlcyclohexane
Concen: 17.413 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	64.4	96.6
98	45.8	40.1	60.1

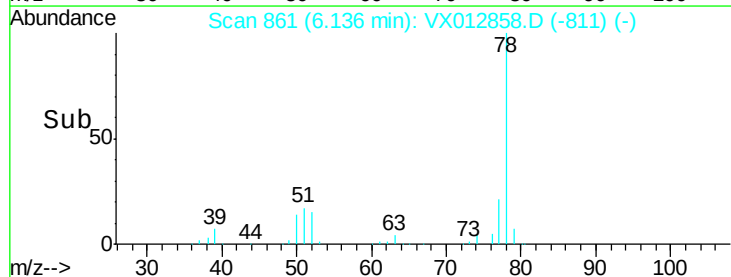
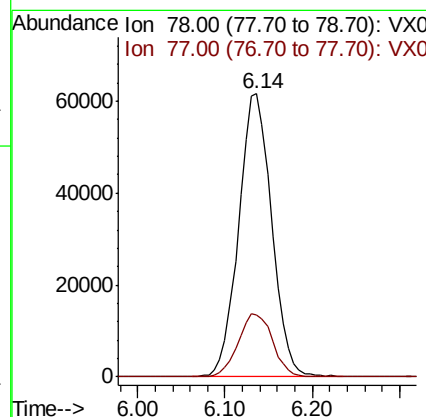
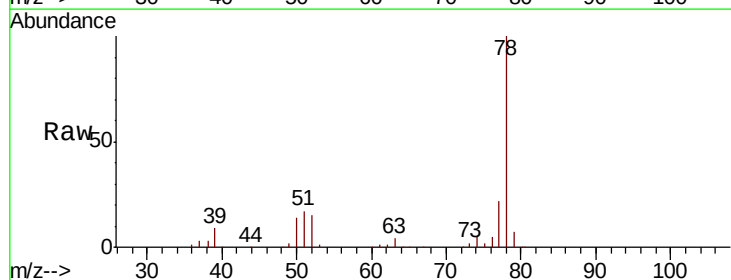
Manual Integrations
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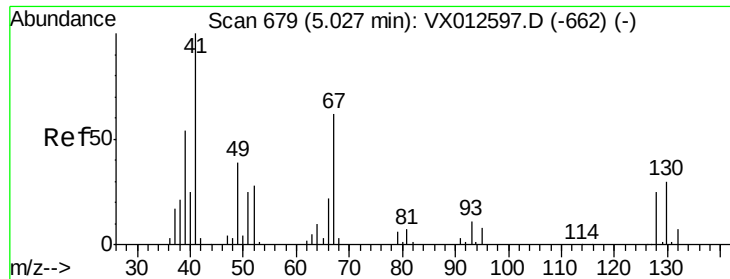
MMDadoda
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#40
Benzene
Concen: 19.299 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.2	28.8





#41

Methacrylonitrile

Concen: 18.855 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion: 41 Resp: 35228

Ion Ratio Lower Upper

41 100

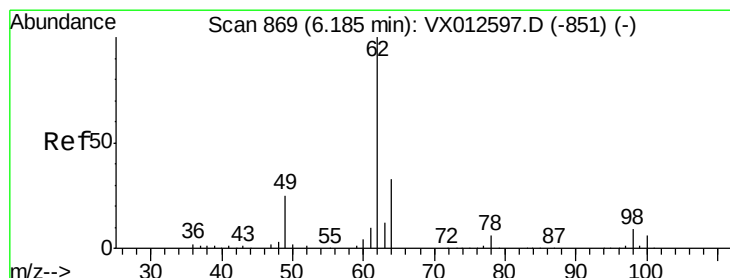
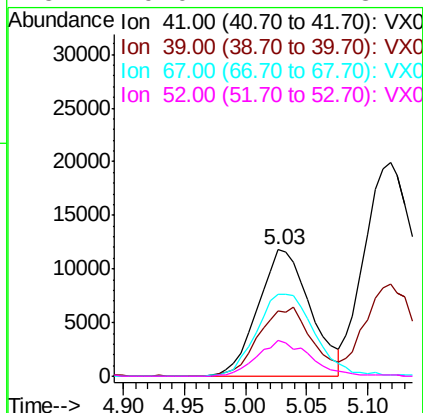
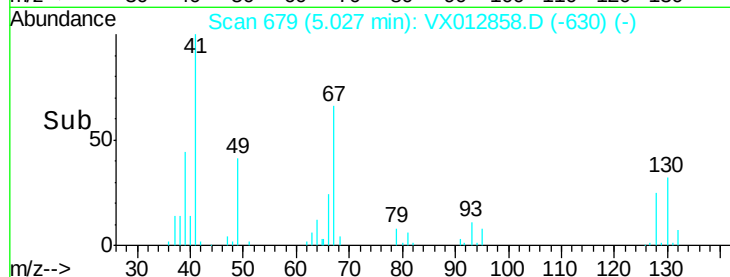
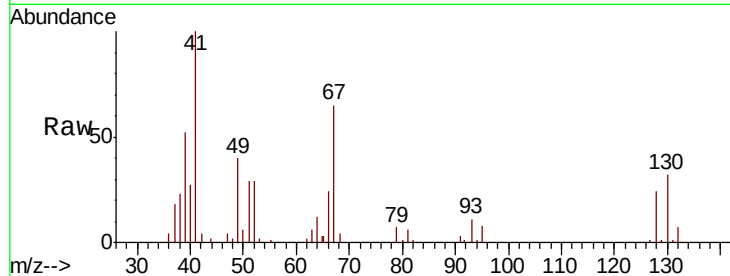
39 55.3 46.0 69.0

67 72.4 52.2 78.2

52 29.0 22.7 34.1

Manual Integrations
APPROVED

MMDadoda
10/8/2019 2:07:15 PM



#42

1,2-Dichloroethane

Concen: 19.106 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012858.D

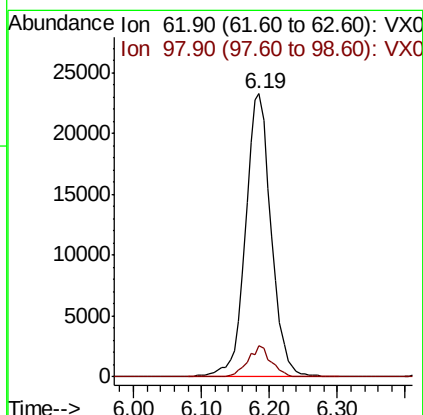
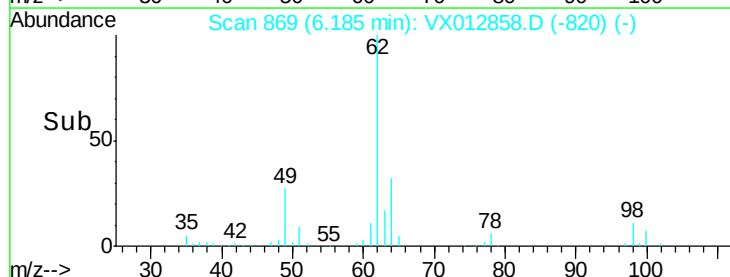
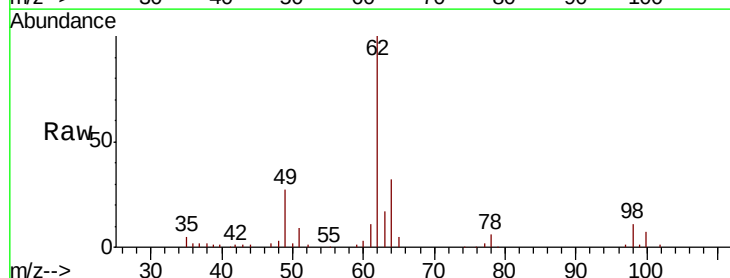
Acq: 07 Oct 2019 23:46

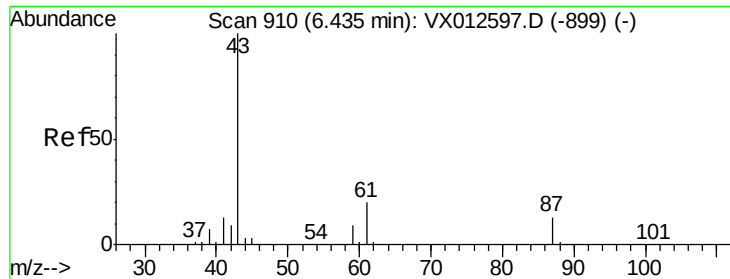
Tgt Ion: 62 Resp: 60804

Ion Ratio Lower Upper

62 100

98 9.6 0.0 17.8





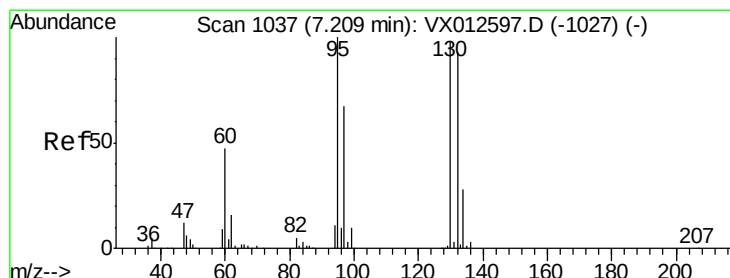
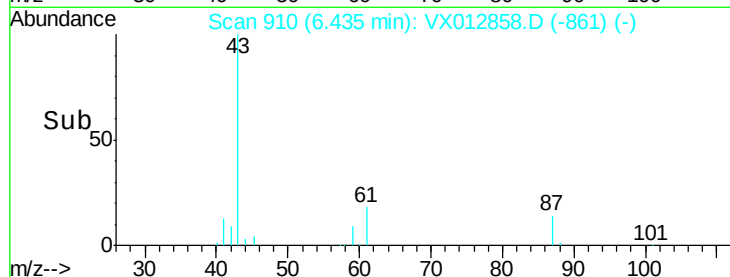
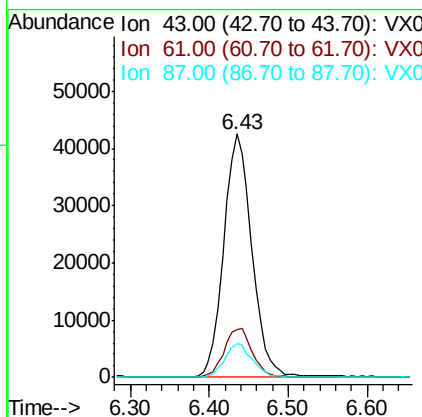
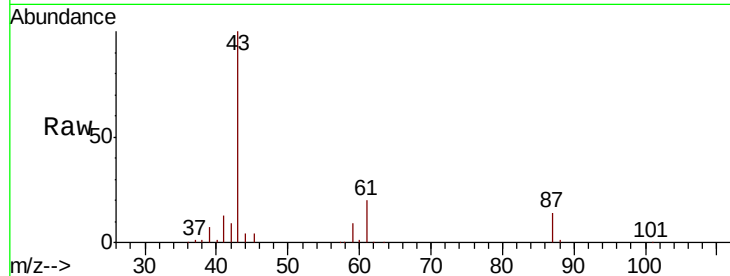
#43
Isopropyl Acetate
Concen: 19.052 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.0
87	13.5	9.8	14.8

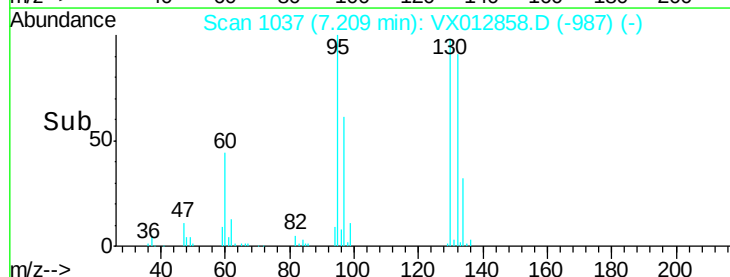
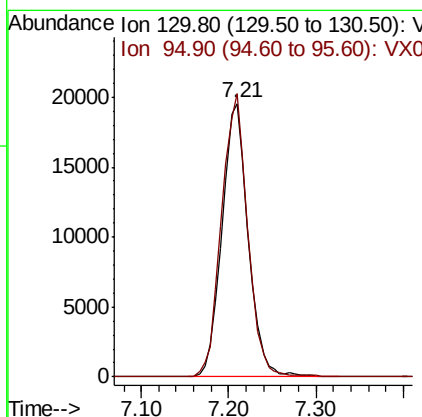
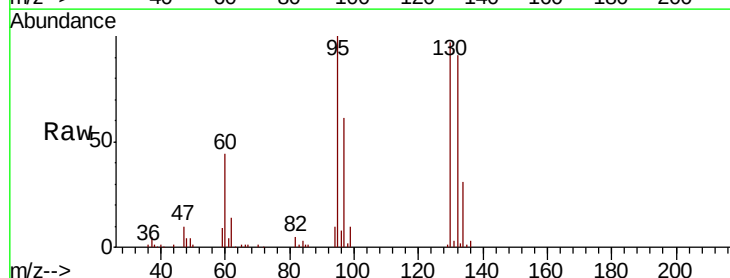
Manual Integrations
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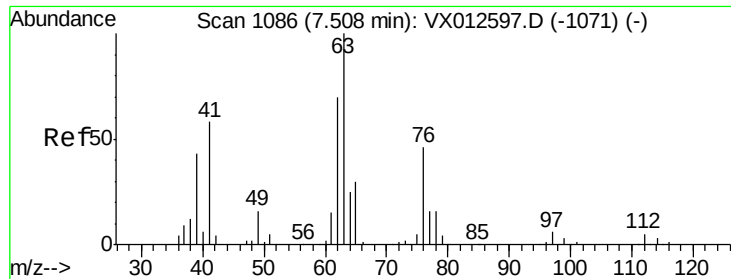
MMDadoda
10/8/2019 2:07:15 PM



#44
Trichloroethene
Concen: 18.970 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	193.0





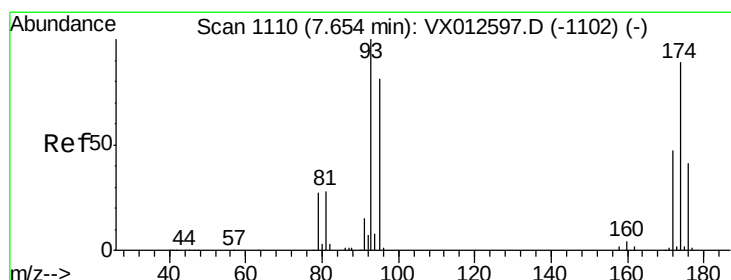
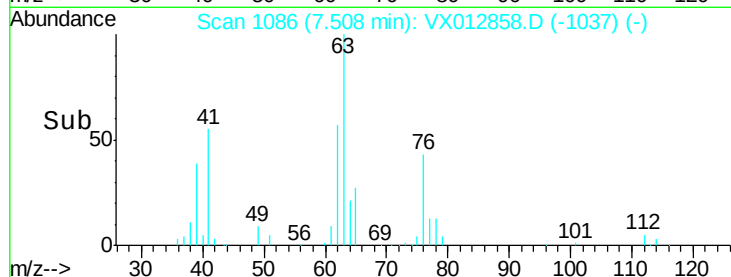
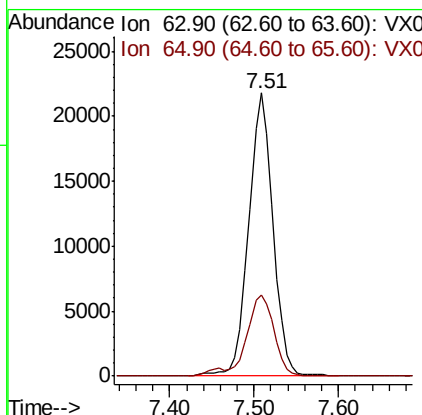
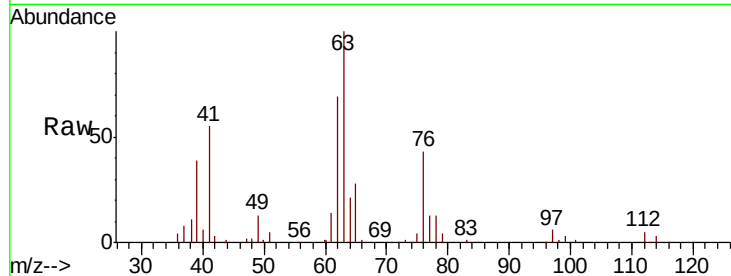
#45
 1,2-Dichloropropane
 Concen: 19.733 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion: 63 Resp: 42340
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.0 37.6

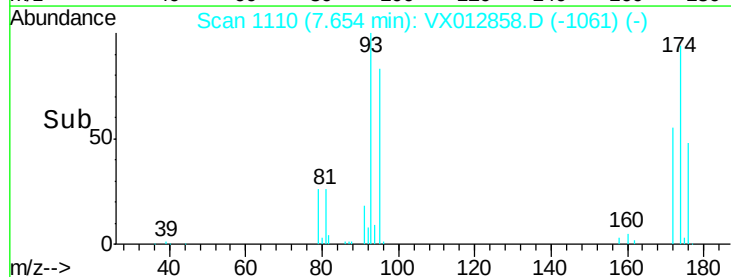
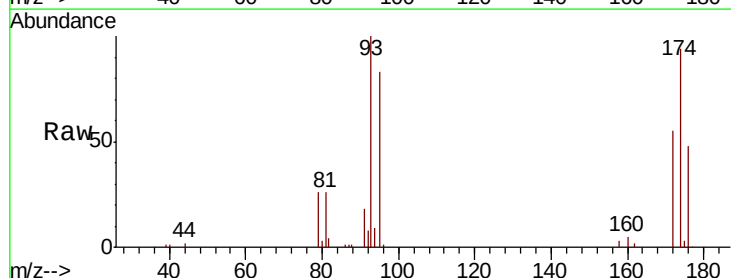
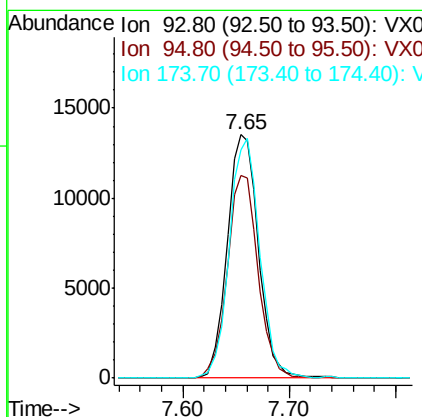
Manual Integrations
 APPROVED

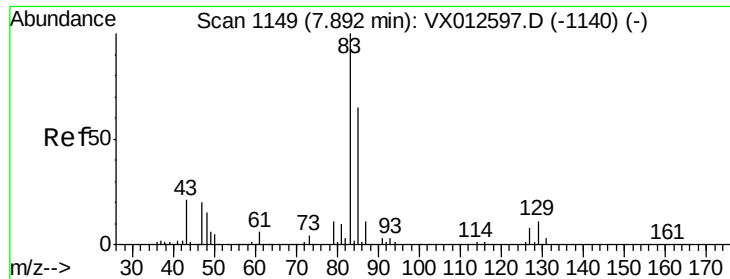
MMDadoda
 10/8/2019 2:07:15 PM



#46
 Dibromomethane
 Concen: 19.003 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 93 Resp: 27761
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 100.0
 174 96.0 77.4 116.0





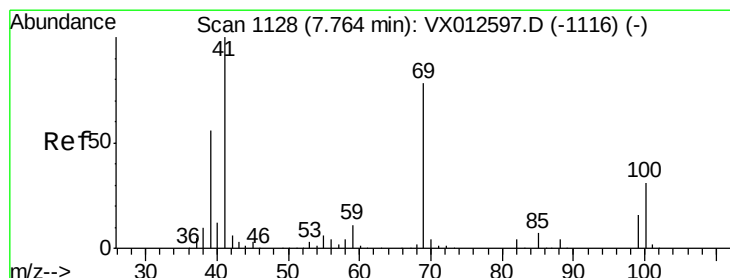
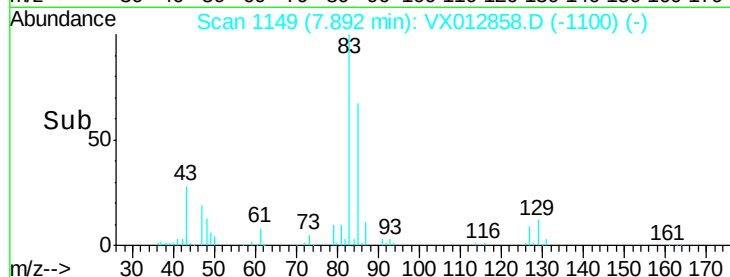
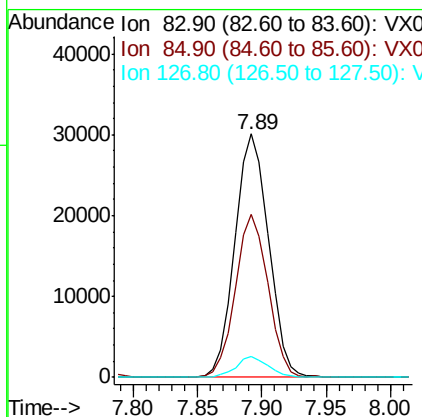
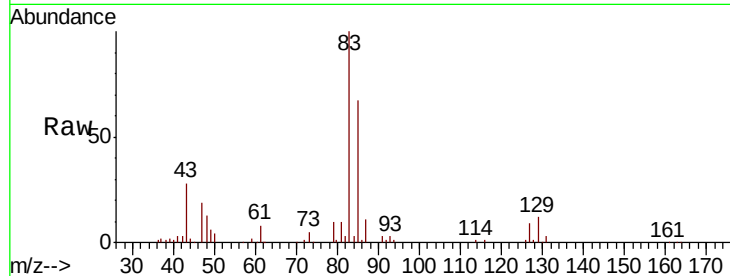
#47
Bromodichloromethane
Concen: 18.715 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	83	Resp	54640
Ion Ratio	100	Lower	Upper
83	100		
85	66.9	51.8	77.6
127	8.7	7.3	10.9

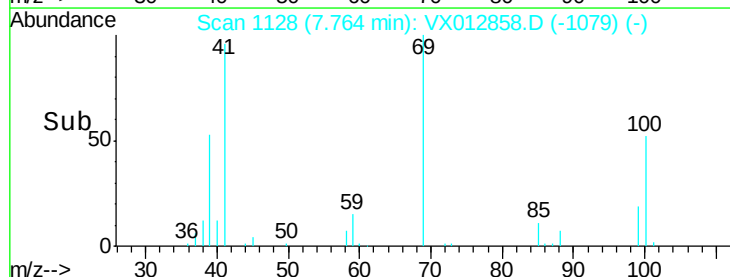
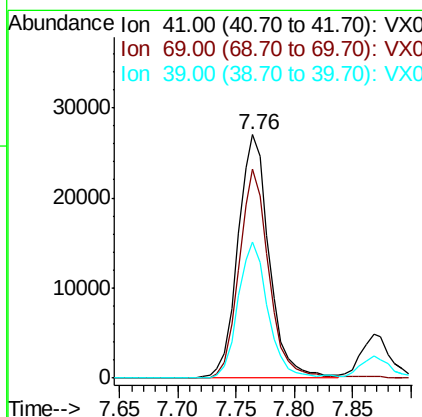
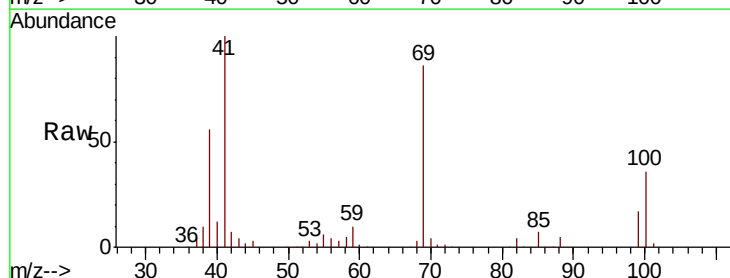
Manual Integrations
APPROVED

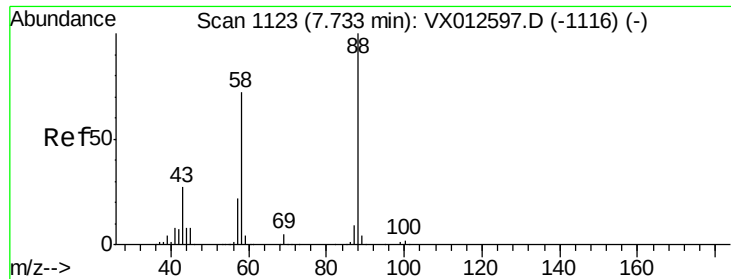
MMDadoda
10/8/2019 2:07:15 PM



#48
Methyl methacrylate
Concen: 19.044 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	41	Resp	50850
Ion Ratio	100	Lower	Upper
41	100		
69	81.9	59.9	89.9
39	53.1	47.8	71.6





#49

1,4-Dioxane

Concen: 393.352 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

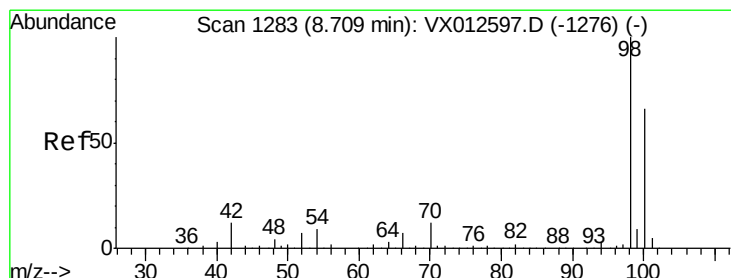
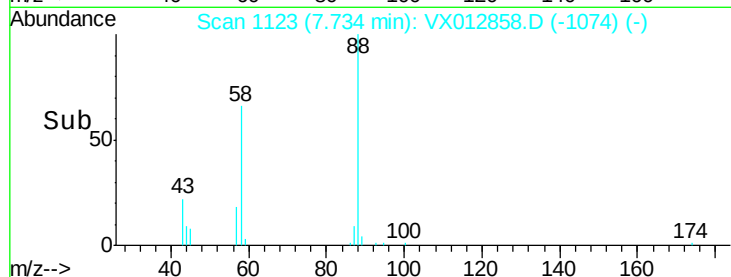
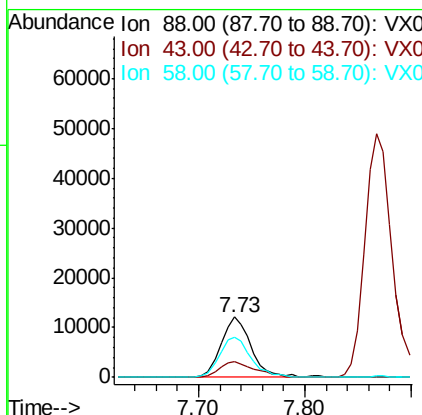
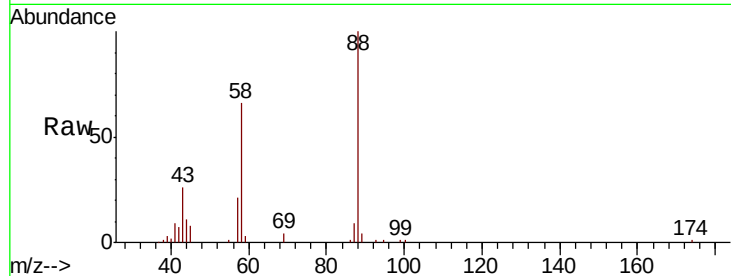
ClientSampleId :

VX1007WBS02

Tot Ion:	88	Resp:	23823
Ion	Ratio	Lower	Upper
88	100		
43	32.4	29.4	44.0
58	69.9	57.5	86.3

Manual Integrations
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MMDadoda
10/8/2019 2:07:15 PM



#50

Toluene-d8

Concen: 50.476 ug/l

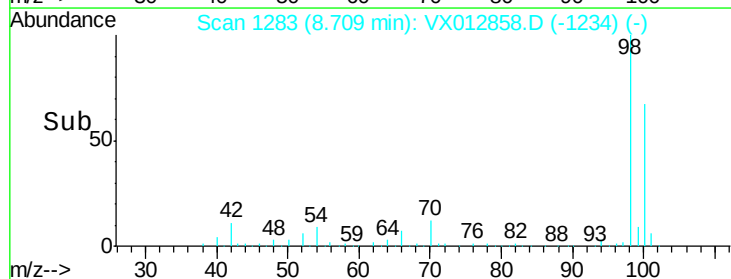
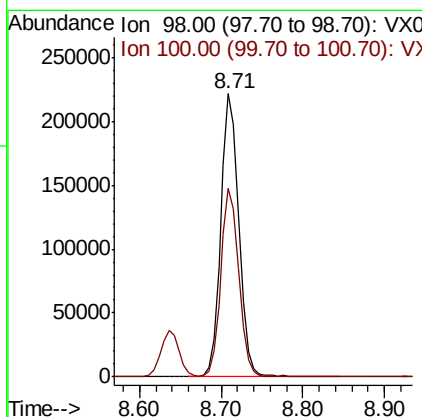
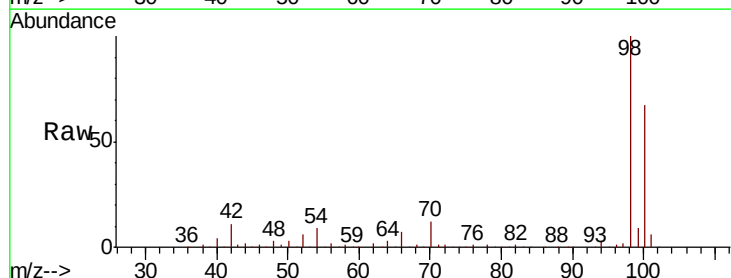
RT: 8.71 min Scan# 1283

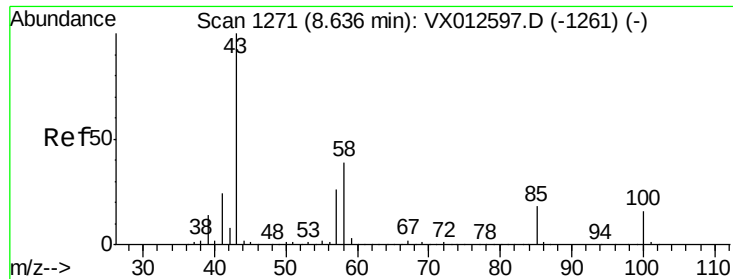
Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion:	98	Resp:	342085
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.4	80.2





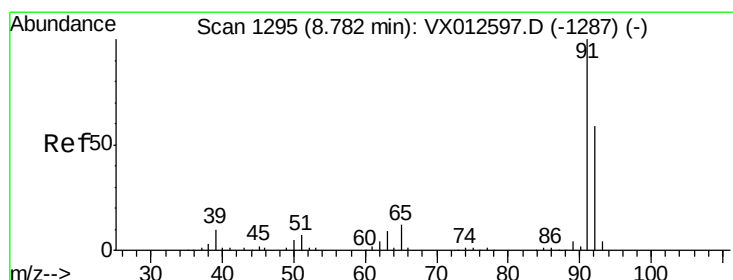
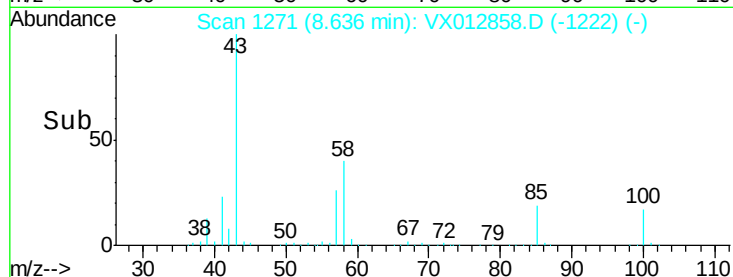
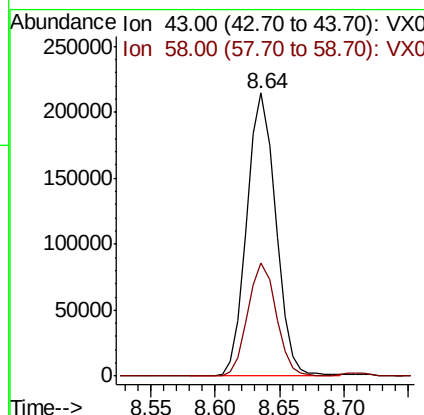
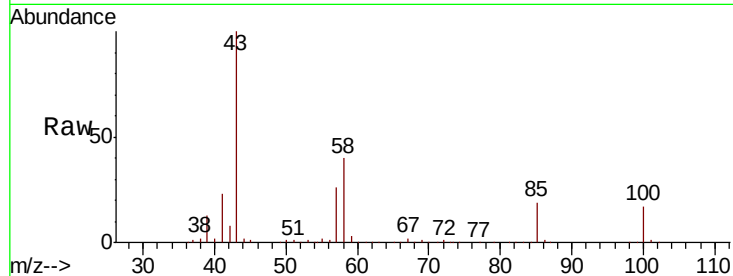
#51
4-Methyl-2-Pentanone
Concen: 97.063 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	43	Resp	333649
Ion Ratio	100	Lower	Upper
58	39.4	29.8	44.6

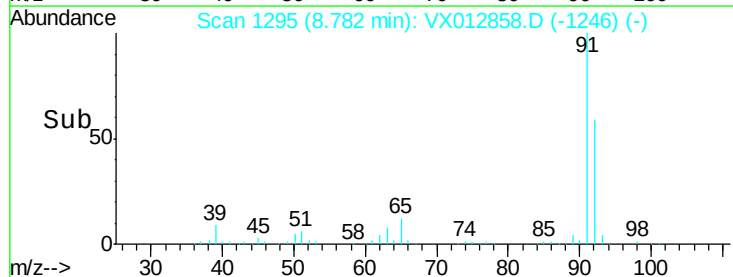
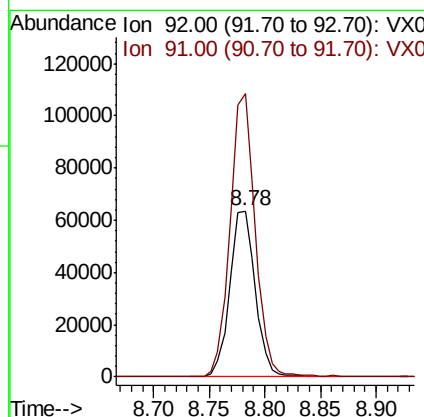
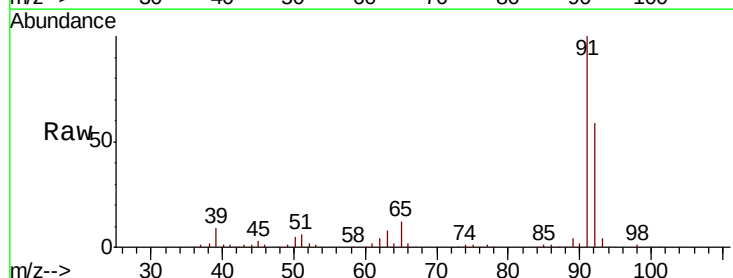
Manual Integrations
APPROVED

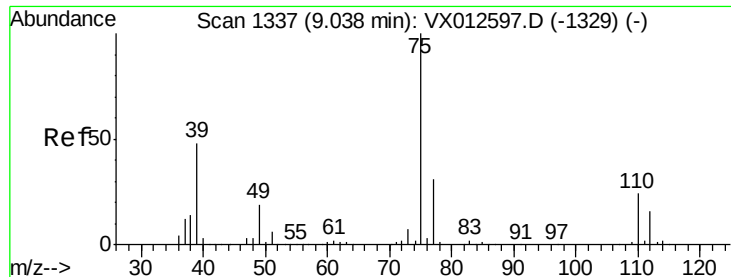
MMDadoda
10/8/2019 2:07:15 PM



#52
Toluene
Concen: 19.236 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	92	Resp	101321
Ion Ratio	100	Lower	Upper
91	166.8	135.4	203.0





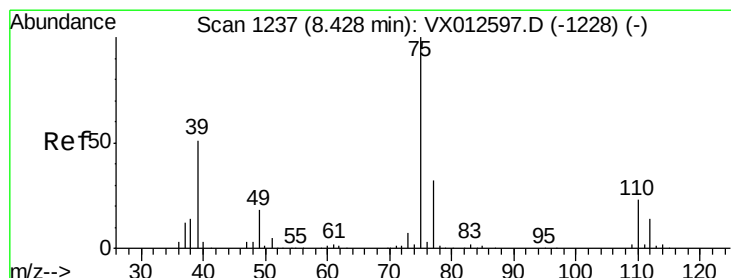
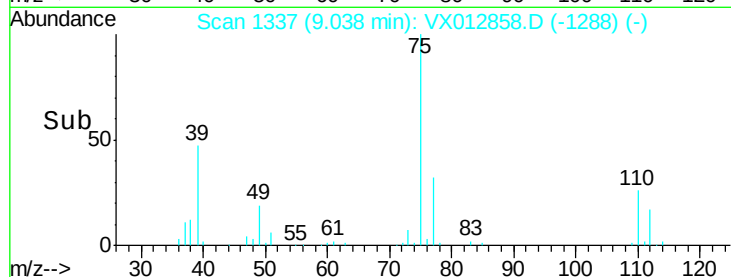
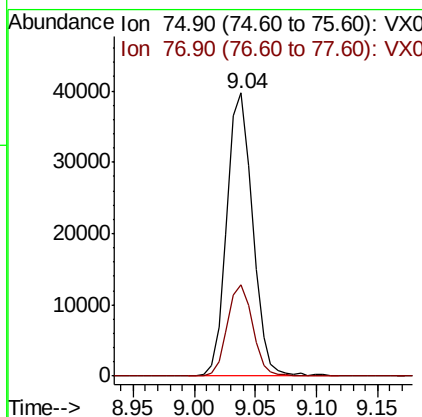
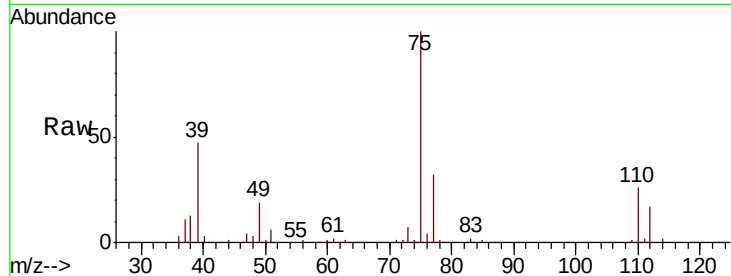
#53
t-1,3-Dichloropropene
Concen: 17.984 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion: 75 Resp: 58095
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8

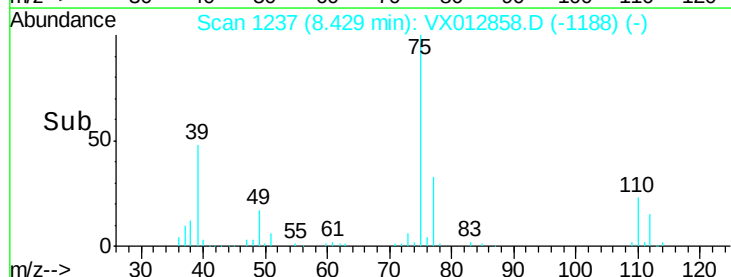
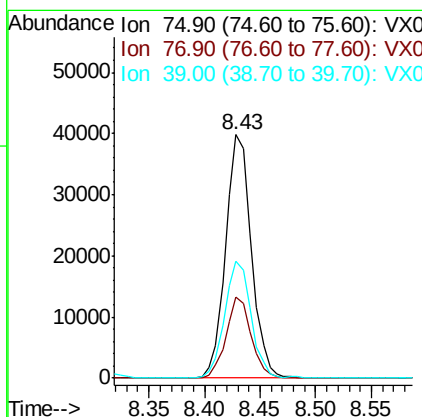
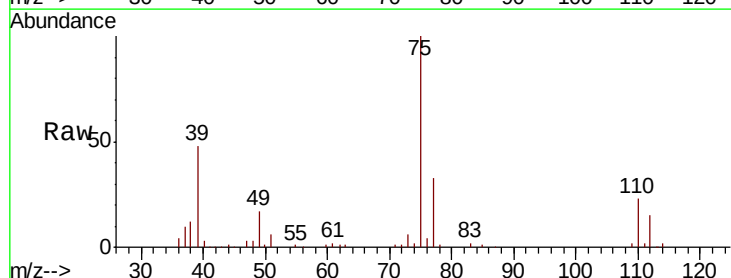
Manual Integrations
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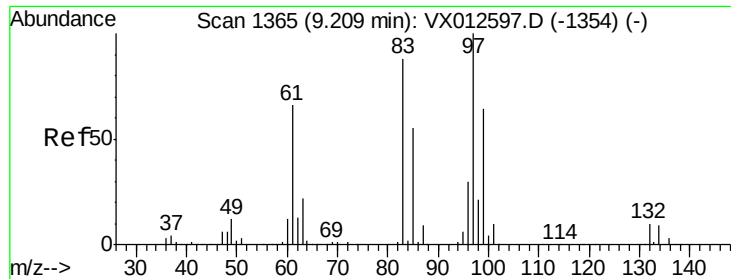
MMDadoda
10/8/2019 2:07:15 PM



#54
cis-1,3-Dichloropropene
Concen: 18.082 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 75 Resp: 63777
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.8
39 47.9 45.5 68.3





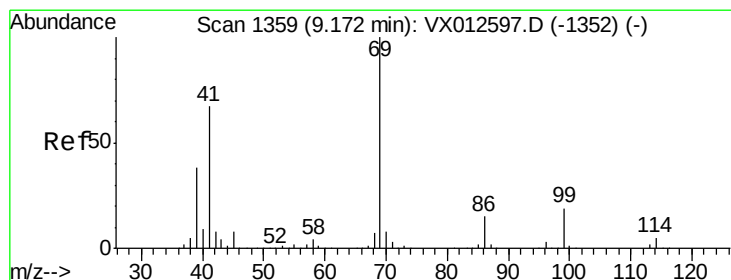
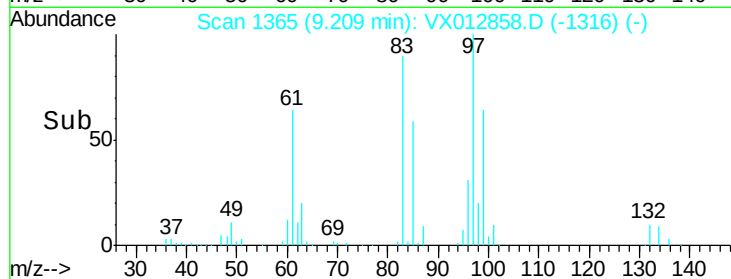
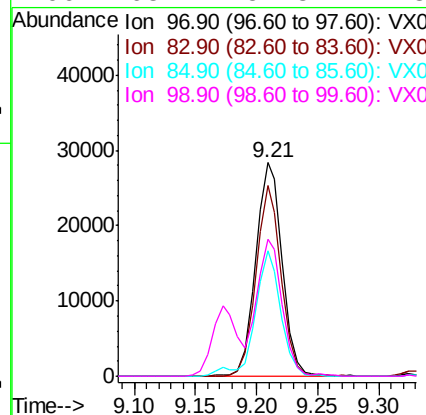
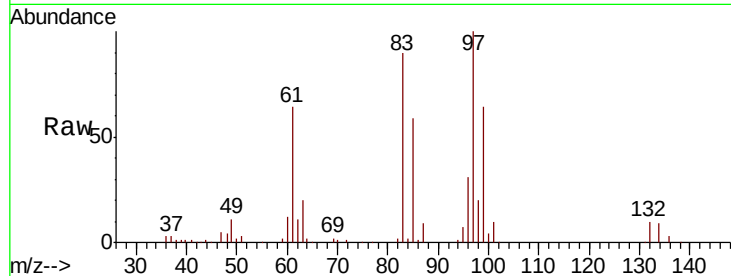
#55
 1,1,2-Trichloroethane
 Concen: 20.409 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion:	97	Resp:	42738
Ion	Ratio	Lower	Upper
97	100		
83	89.6	67.4	101.2
85	58.8	43.5	65.3
99	63.7	51.8	77.8

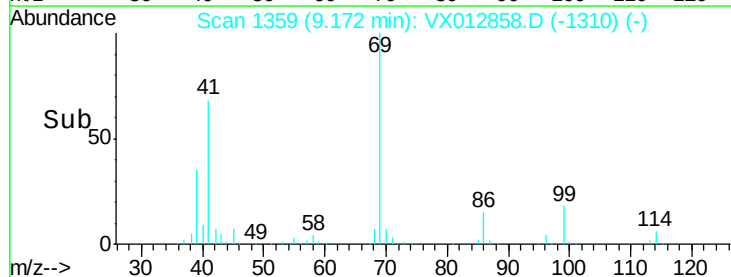
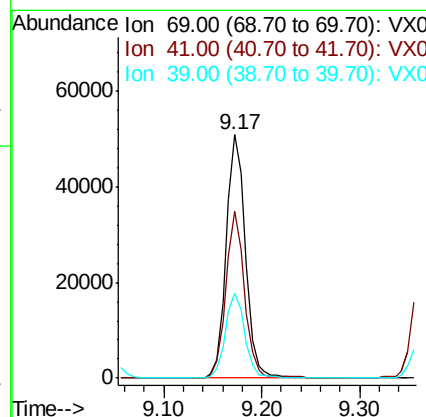
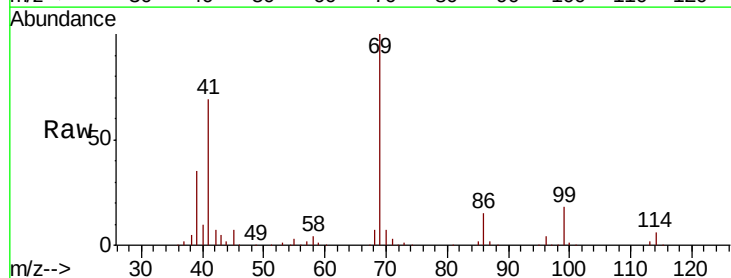
Manual Integrations
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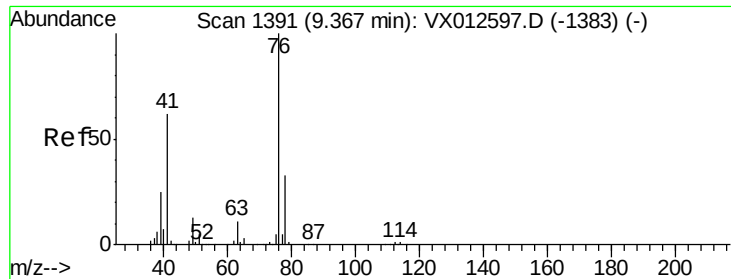
MMDadoda
 10/8/2019 2:07:15 PM



#56
 Ethyl methacrylate
 Concen: 19.808 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion:	69	Resp:	69685
Ion	Ratio	Lower	Upper
69	100		
41	66.7	58.4	87.6
39	35.0	33.4	50.0





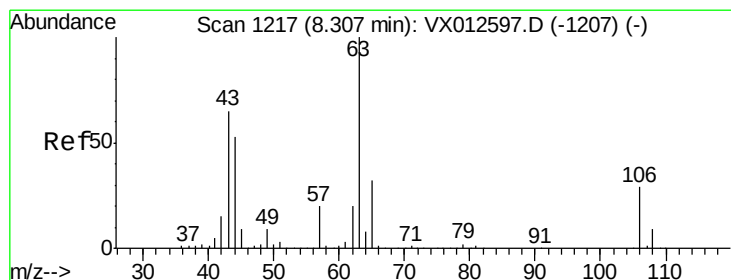
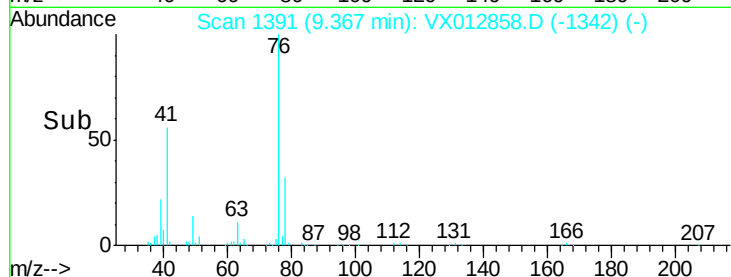
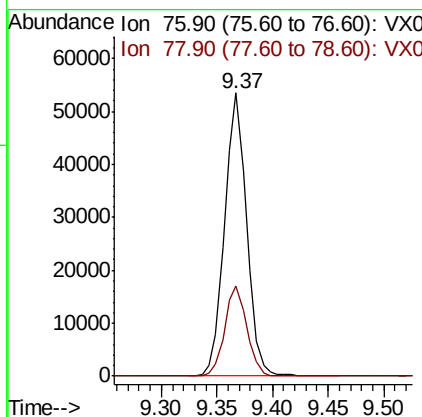
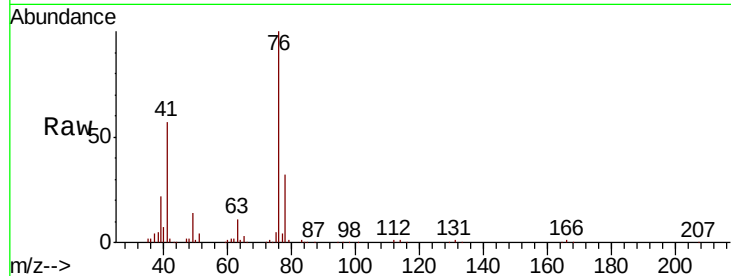
#57
 1,3-Dichloropropane
 Concen: 19.958 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion: 76 Resp: 73147
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2

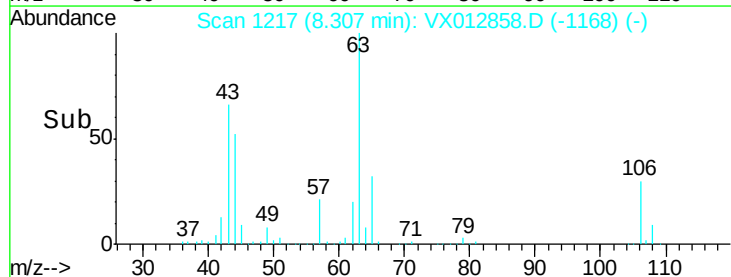
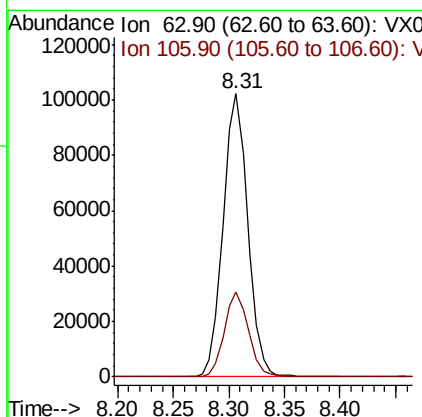
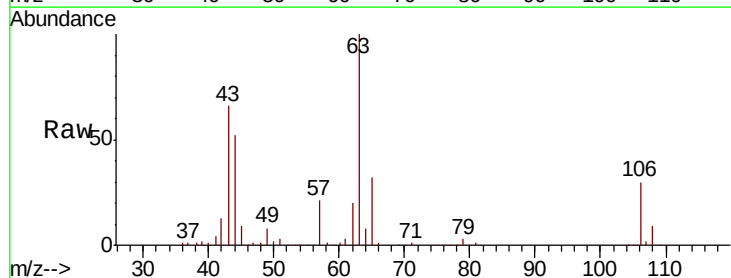
Manual Integrations
 APPROVED

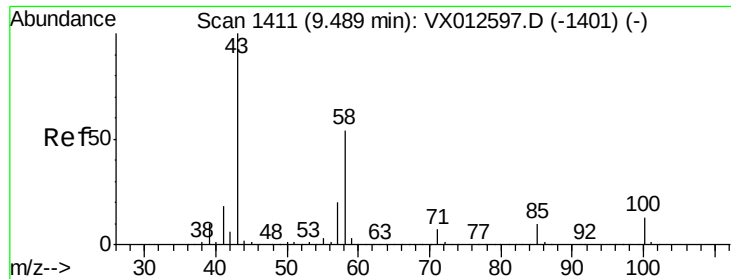
MMDadoda
 10/8/2019 2:07:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.641 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion: 63 Resp: 157349
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.6





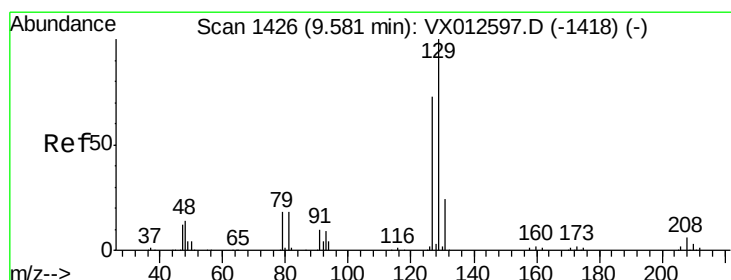
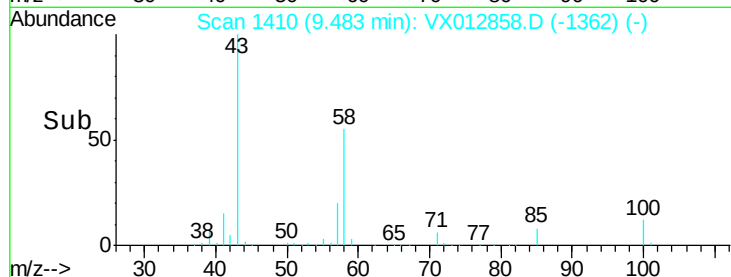
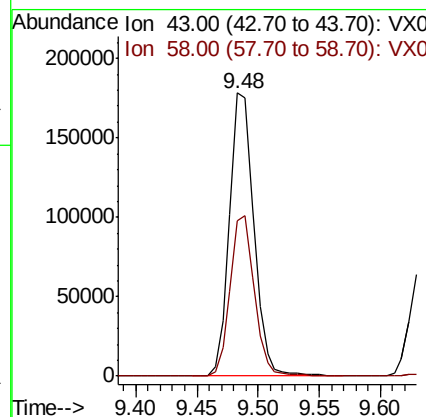
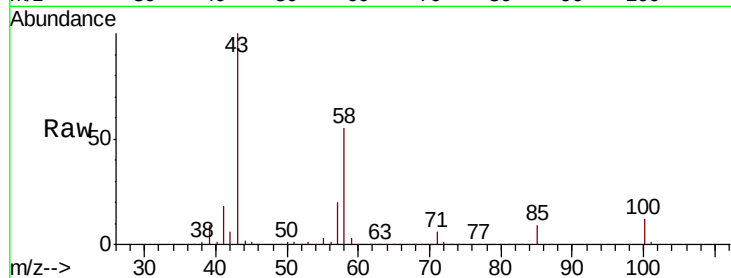
#59
2-Hexanone
Concen: 94.074 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion: 43 Resp: 247526
Ion Ratio Lower Upper
43 100
58 56.2 25.7 77.1

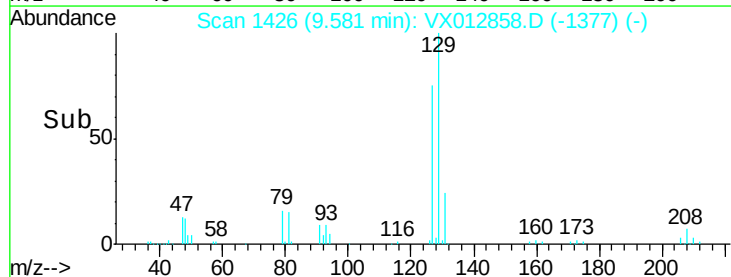
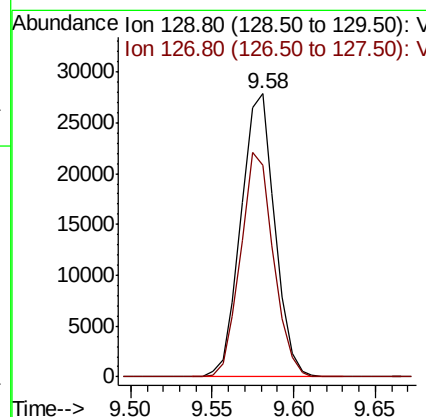
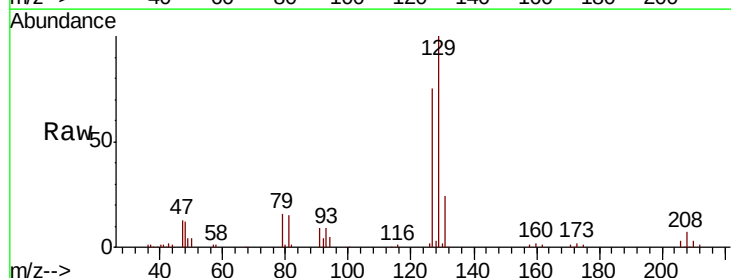
Manual Integrations
APPROVED

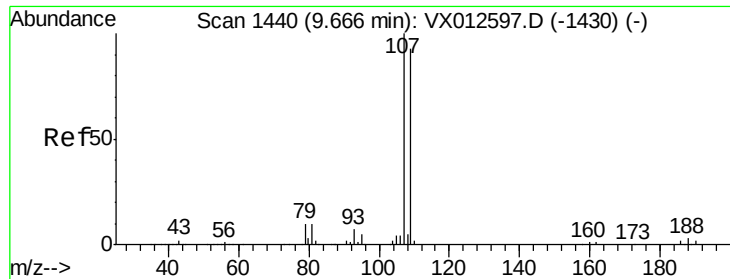
MMDadoda
10/8/2019 2:07:15 PM



#60
Dibromochloromethane
Concen: 18.994 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 129 Resp: 40264
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.283 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion:107 Resp: 44204

Ion Ratio Lower Upper

107 100

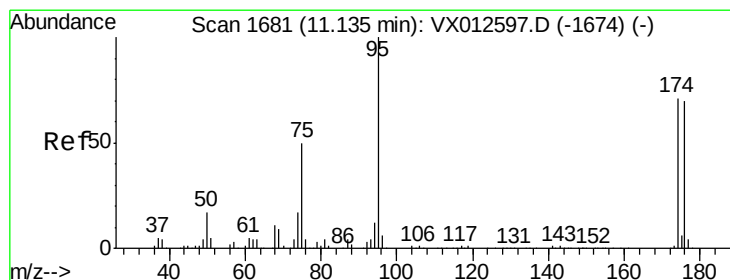
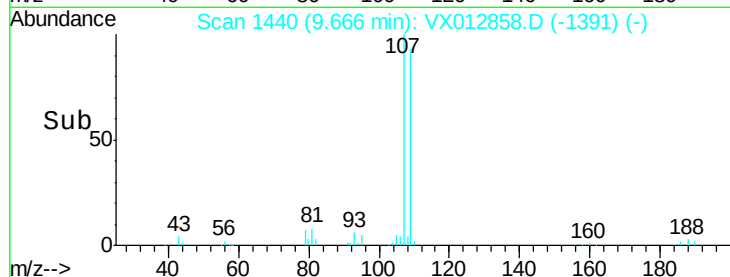
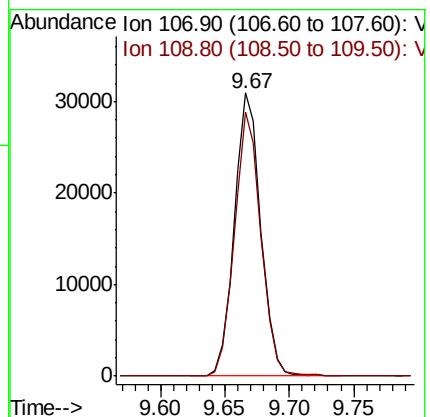
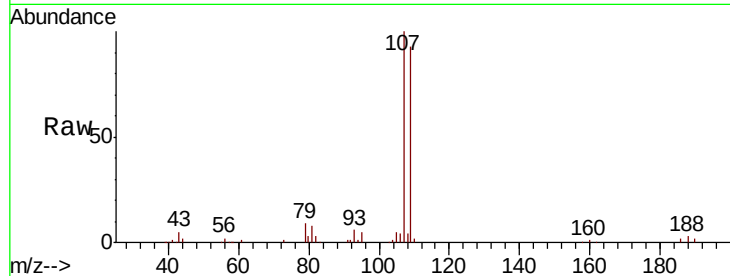
109 93.1 74.7 112.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.679 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

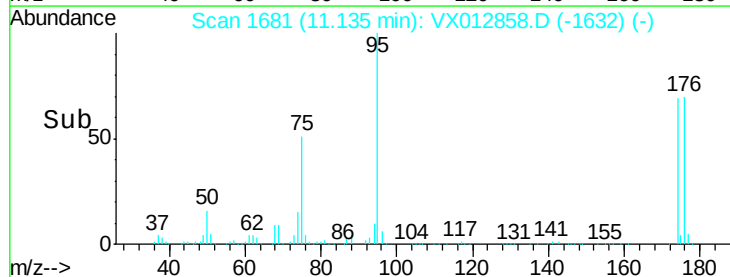
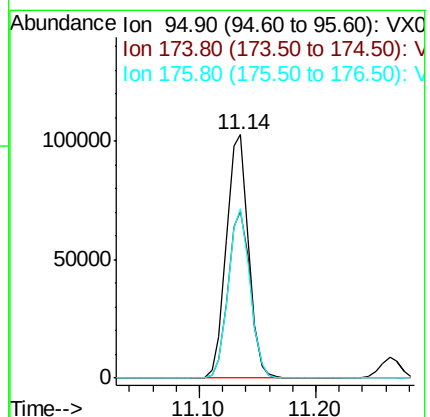
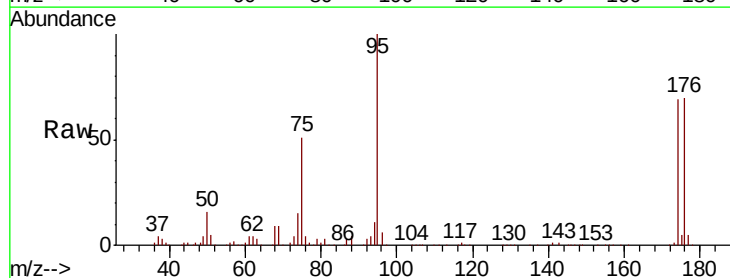
Tgt Ion: 95 Resp: 135051

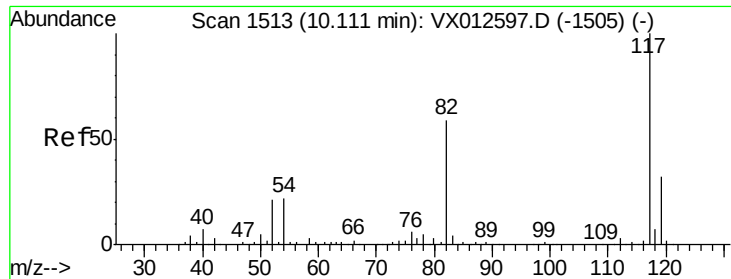
Ion Ratio Lower Upper

95 100

174 69.2 0.0 140.0

176 68.4 0.0 135.4





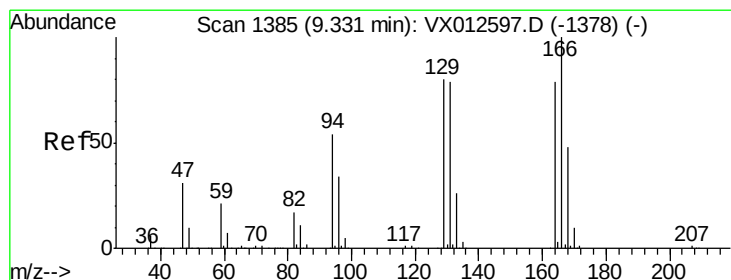
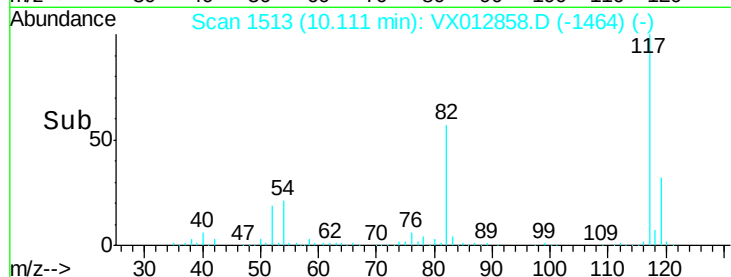
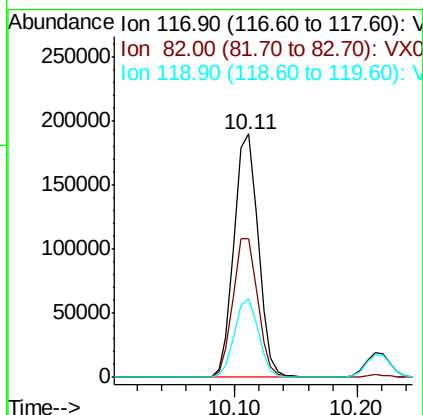
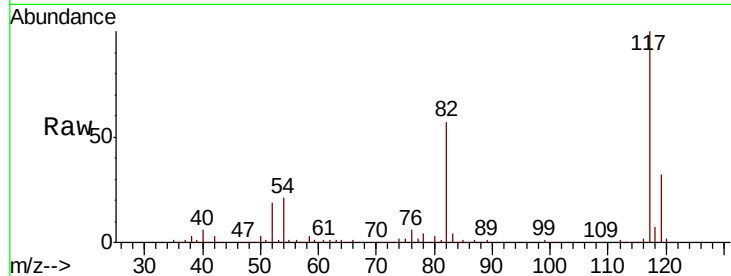
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.9	68.9
119	32.2	25.3	37.9

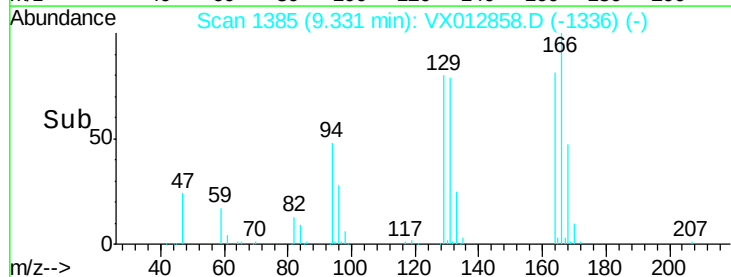
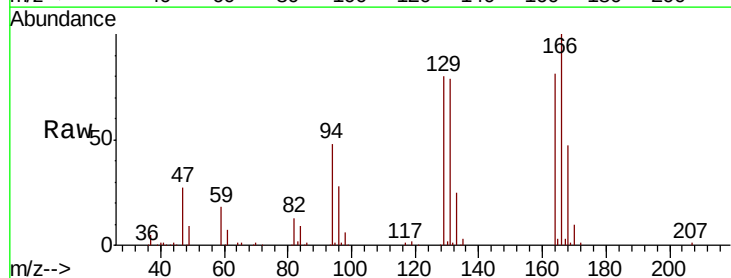
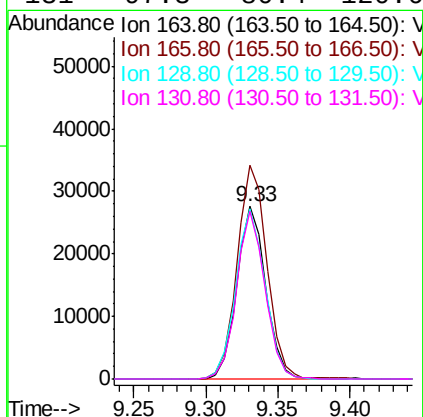
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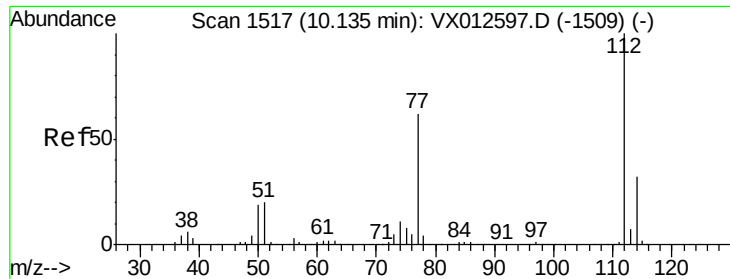
MMDadoda
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#64
Tetrachloroethene
Concen: 21.206 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	107.8	161.6
129	98.4	86.2	129.2
131	97.3	80.4	120.6





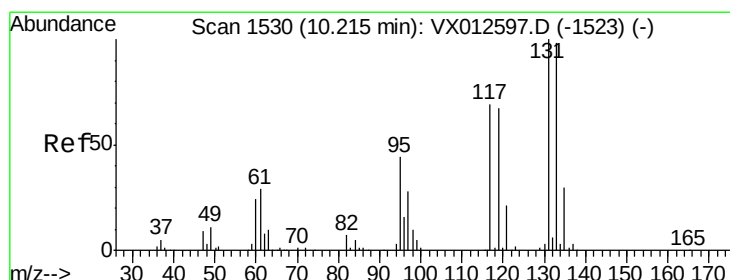
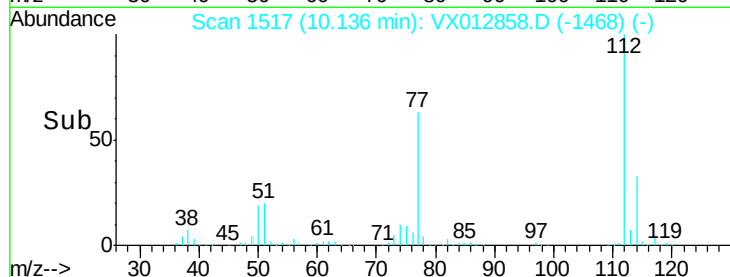
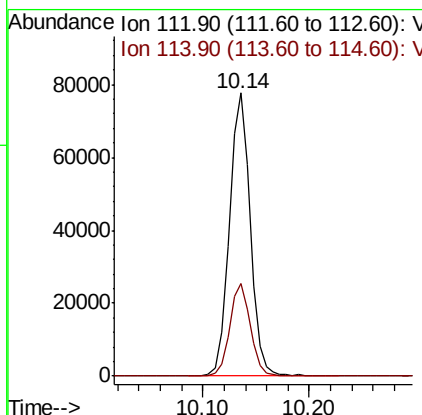
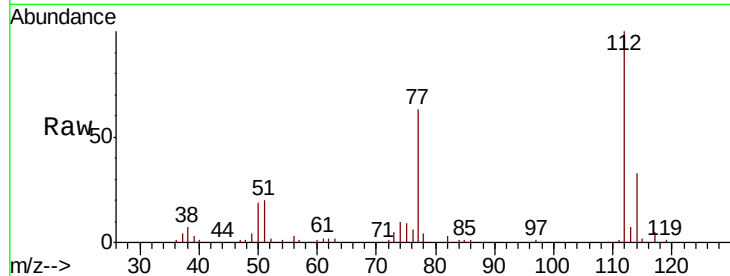
#65
Chlorobenzene
Concen: 19.400 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion:112 Resp: 106587
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0

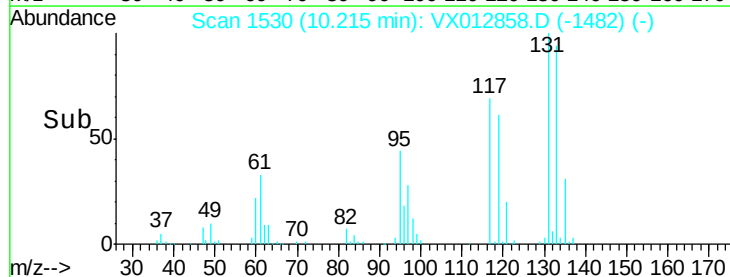
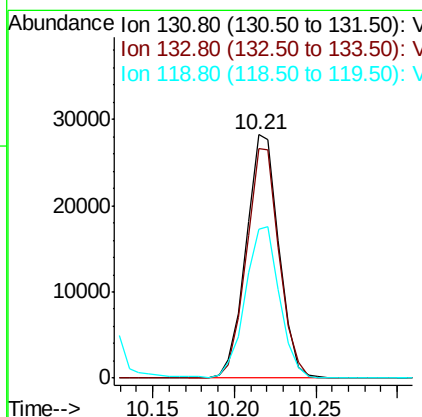
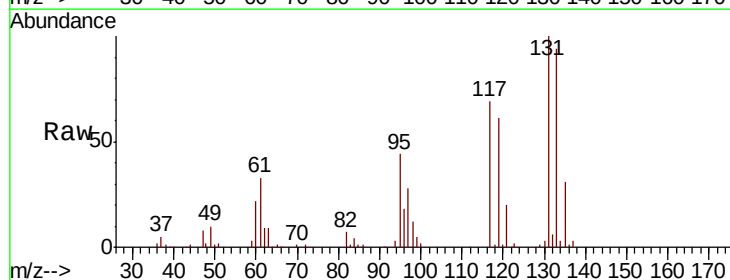
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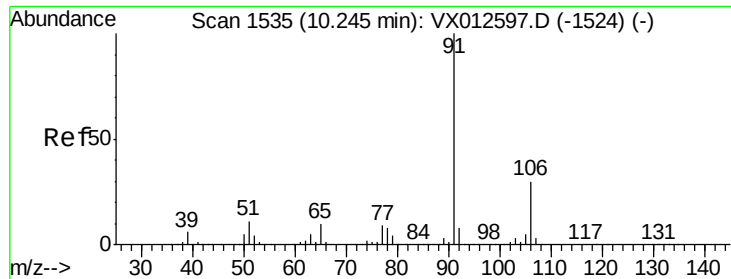
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.847 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion:131 Resp: 39508
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 64.5 31.3 93.8





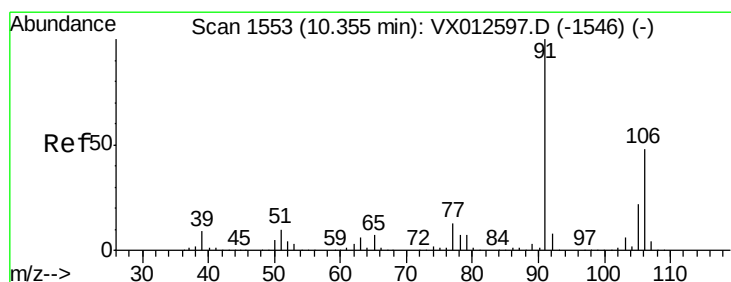
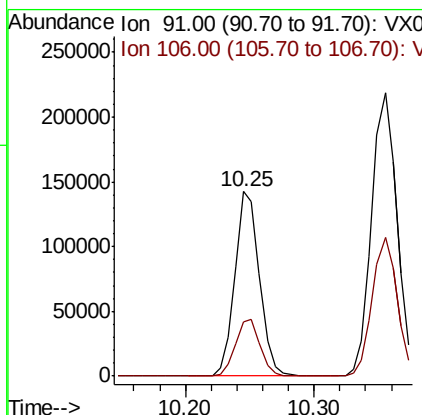
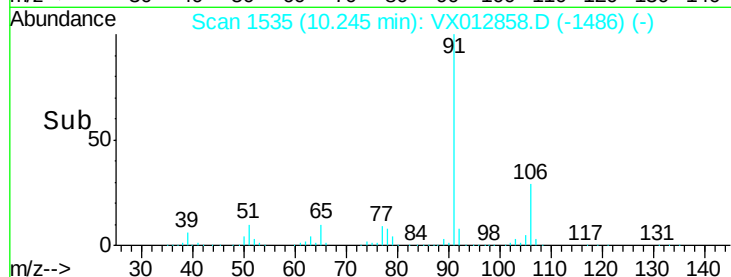
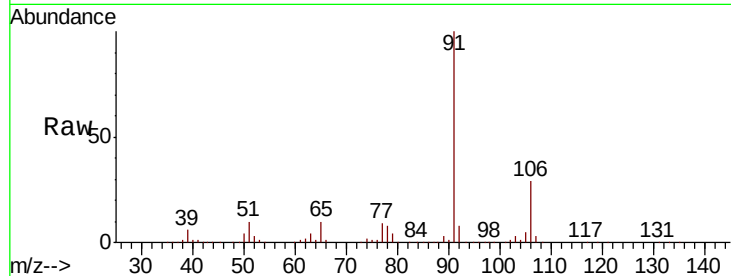
#67
Ethyl Benzene
Concen: 19.002 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion: 91 Resp: 189351
Ion Ratio Lower Upper
91 100
106 29.2 24.6 37.0

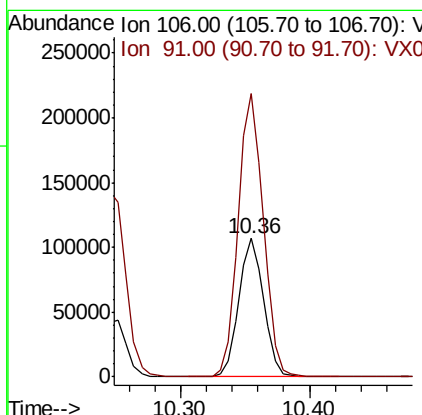
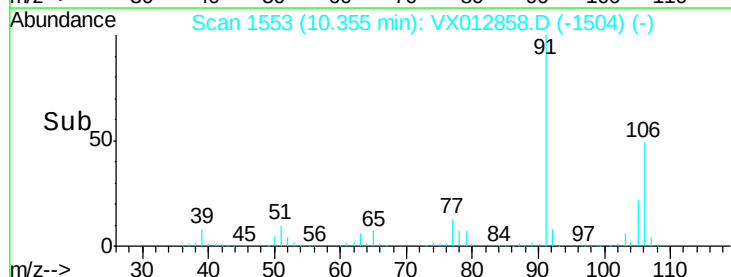
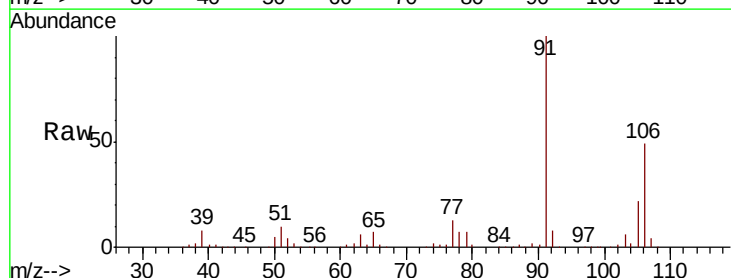
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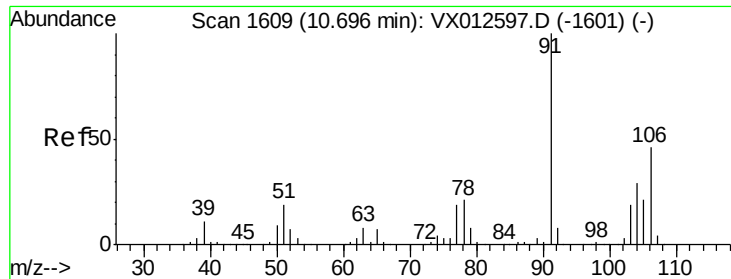
MMDadoda
10/8/2019 2:07:15 PM



#68
m/p-Xylenes
Concen: 38.273 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 106 Resp: 142869
Ion Ratio Lower Upper
106 100
91 207.1 166.6 250.0





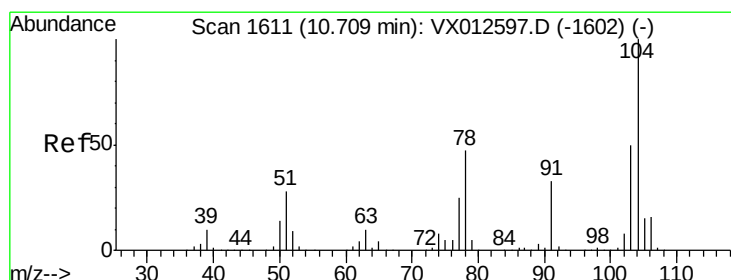
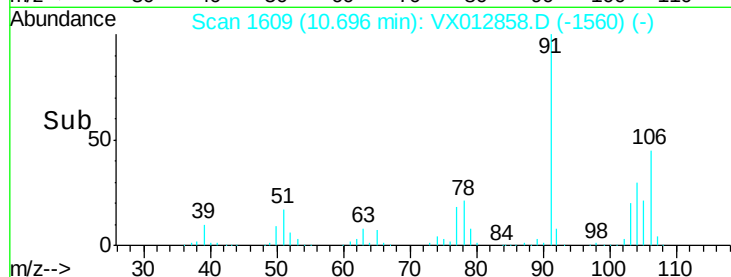
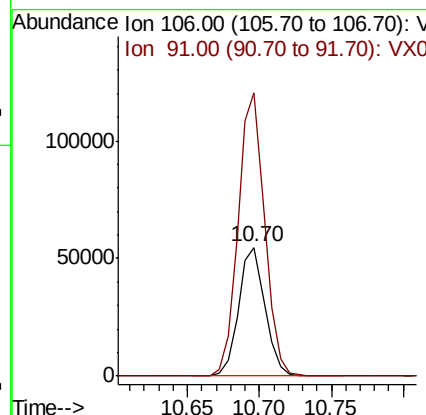
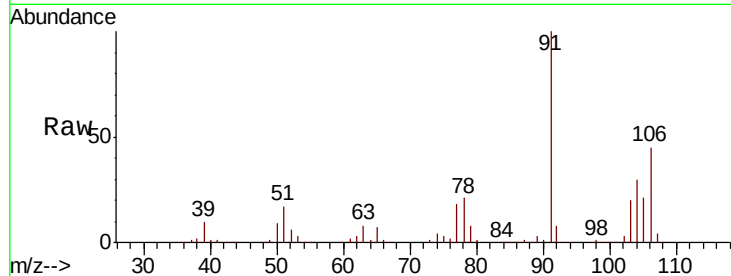
#69
o-Xylene
Concen: 19.300 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion:106 Resp: 69712
Ion Ratio Lower Upper
106 100
91 222.3 109.4 328.2

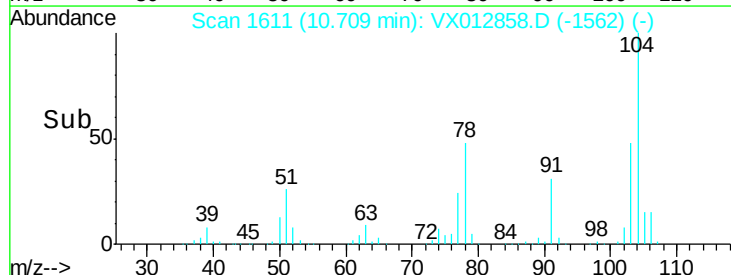
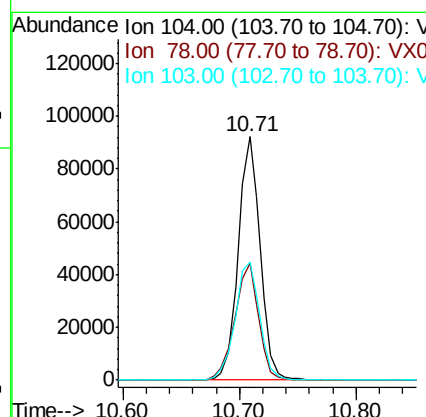
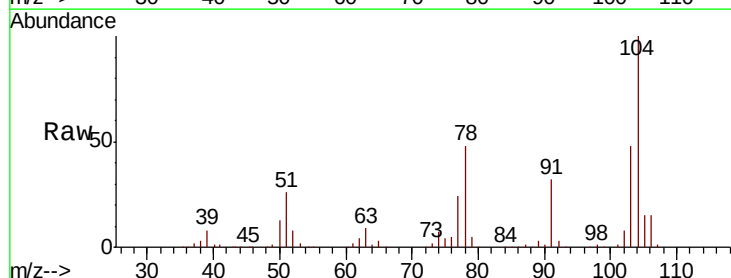
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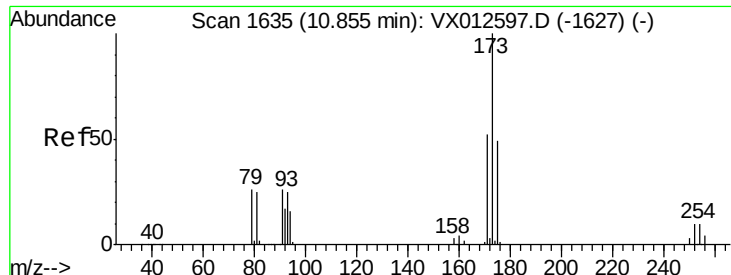
MMDadoda
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#70
Styrene
Concen: 20.002 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion:104 Resp: 121118
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 54.3 43.3 64.9





#71

Bromoform

Concen: 19.503 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampled :

VX1007WBS02

Tot Ion:173 Resp: 27034

Ion Ratio Lower Upper

173 100

175 50.0 23.7 71.1

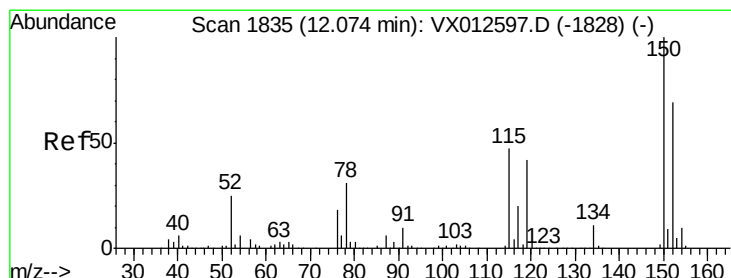
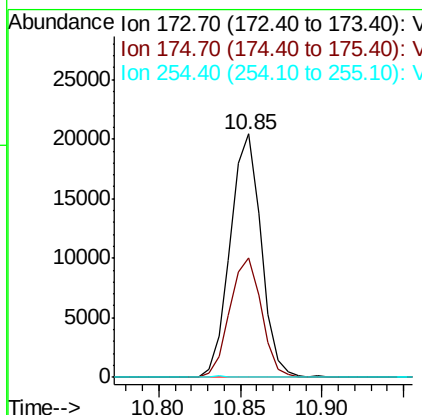
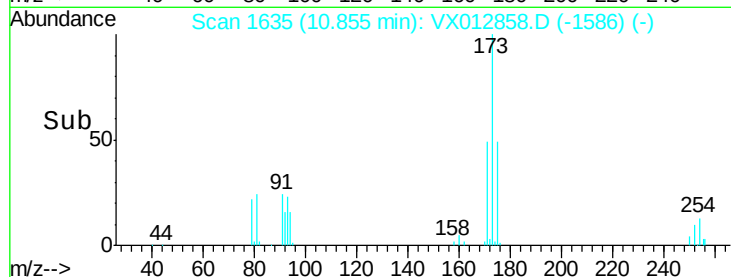
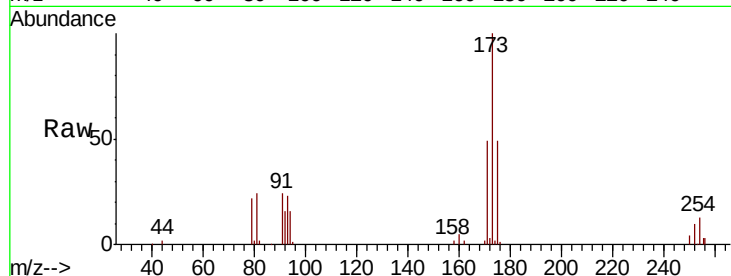
254 0.1 0.1 0.1#

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

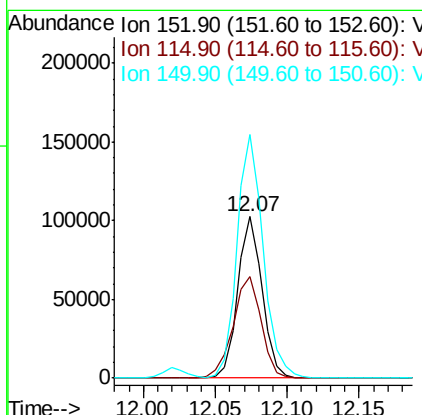
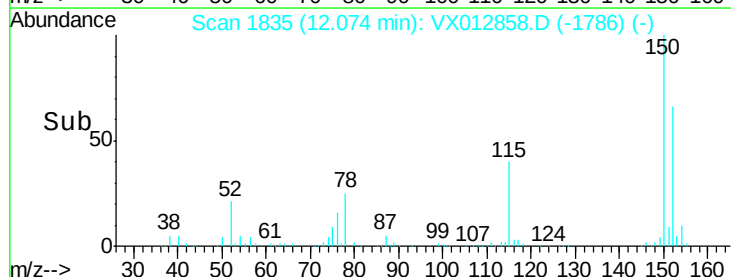
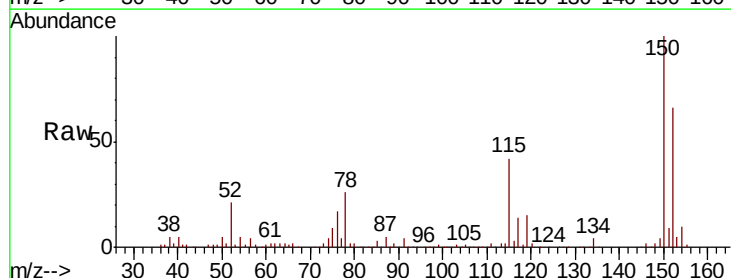
Tgt Ion:152 Resp: 120501

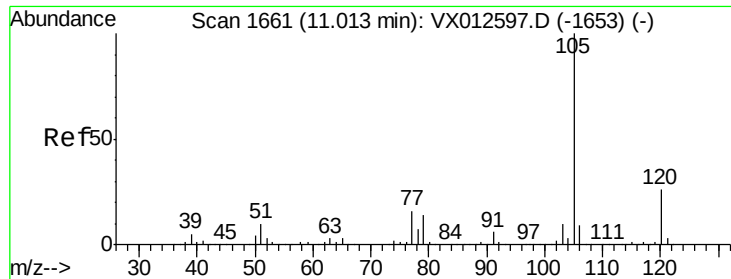
Ion Ratio Lower Upper

152 100

115 72.6 44.1 132.3

150 161.9 0.0 343.8





#73

Isopropylbenzene

Concen: 19.093 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion: 105 Resp: 187385

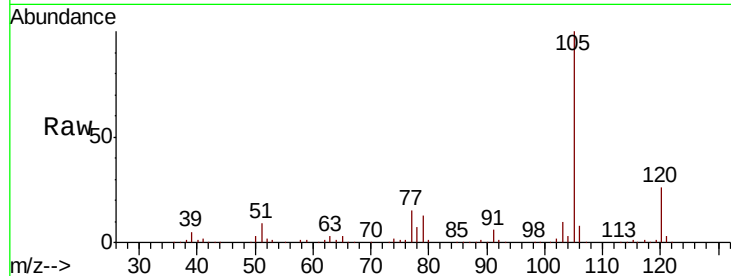
Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7

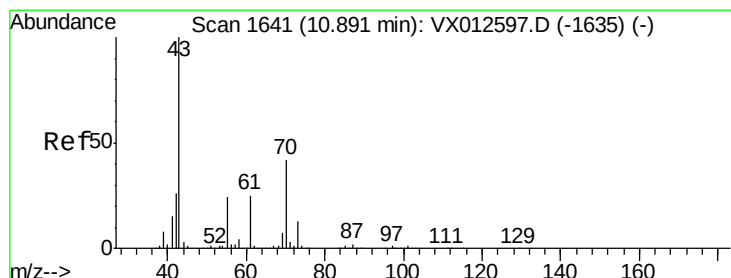
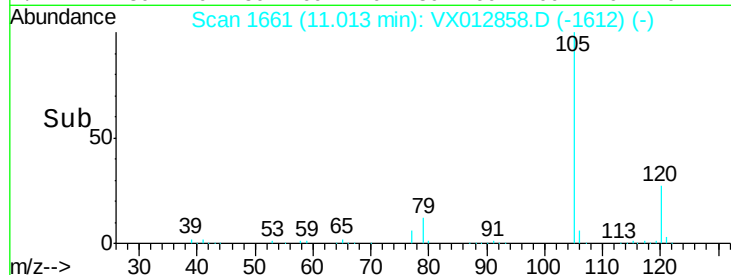
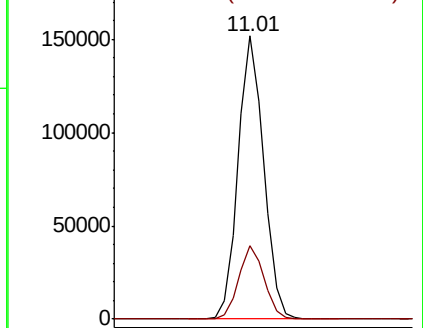
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.023 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion: 43 Resp: 84387

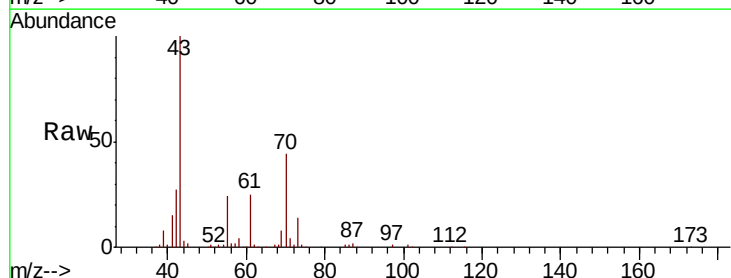
Ion Ratio Lower Upper

43 100

70 44.6 32.4 48.6

55 24.8 18.2 27.4

61 25.4 18.5 27.7

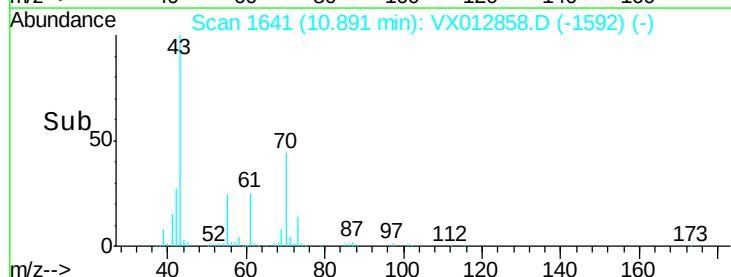
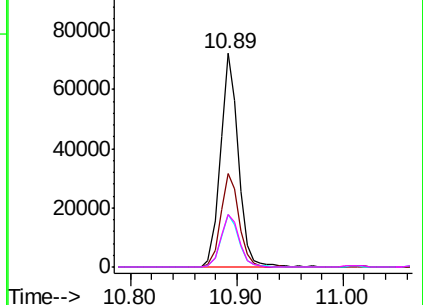


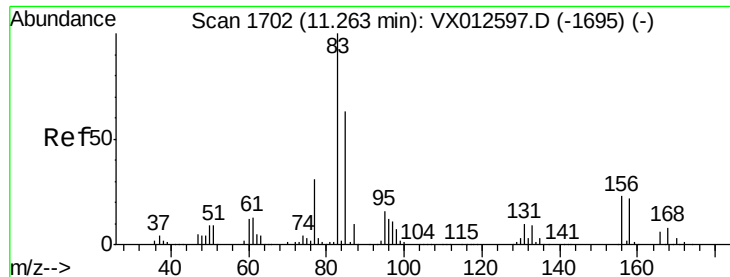
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.994 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

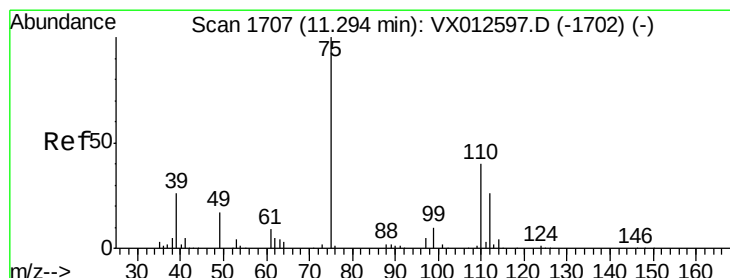
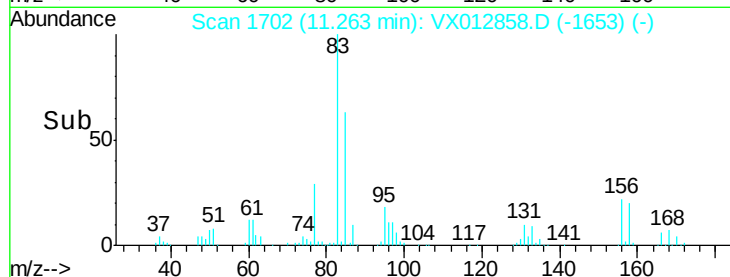
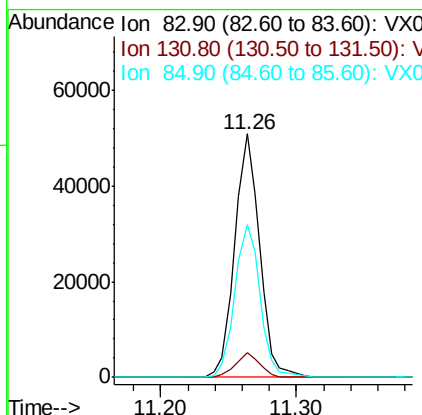
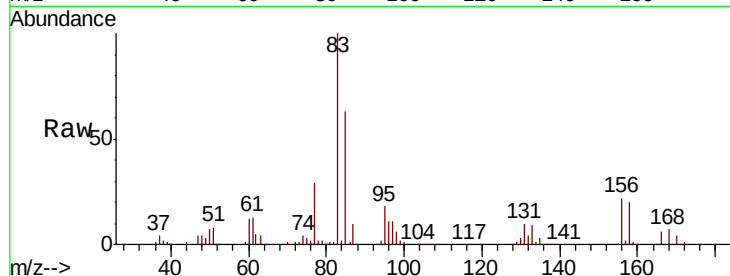
ClientSampled :

VX1007WBS02

Tot Ion:	83	Resp:	64987
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.2	15.6
85	63.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.392 ug/l m

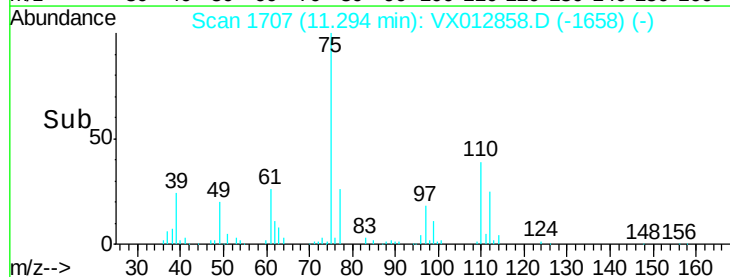
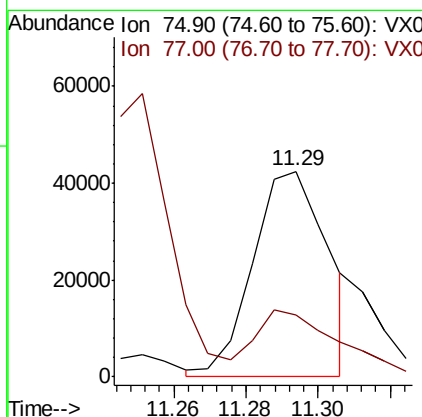
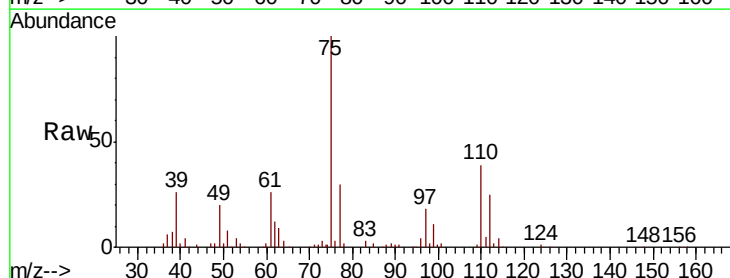
RT: 11.29 min Scan# 1707

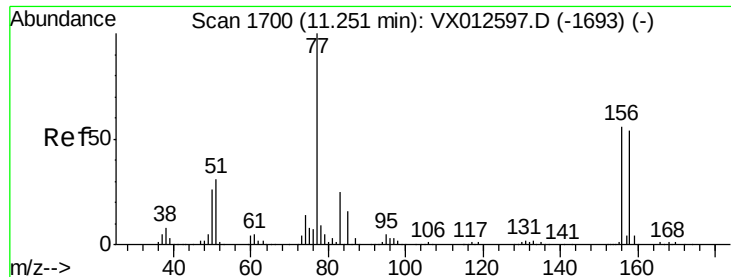
Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion:	75	Resp:	61813
Ion Ratio	Lower	Upper	
75	100		
77	36.2	19.7	59.0





#77

Bromobenzene

Concen: 19.380 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion:156 Resp: 43049

Ion Ratio Lower Upper

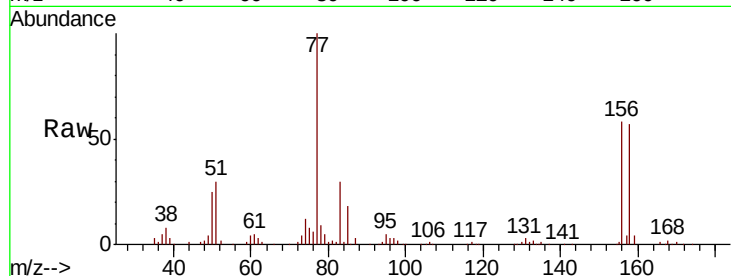
156 100

77 177.5 87.3 261.8

158 97.1 48.5 145.6

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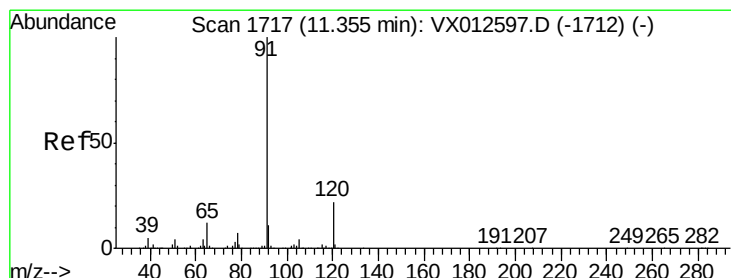
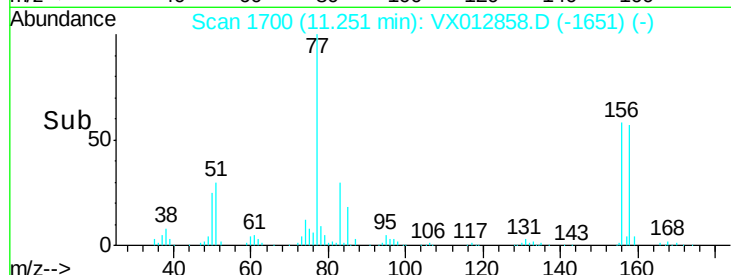
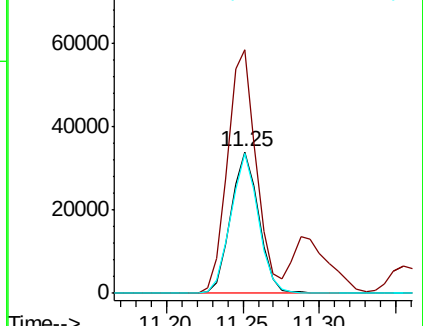
MMDadoda
10/8/2019 2:07:15 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.710 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012858.D

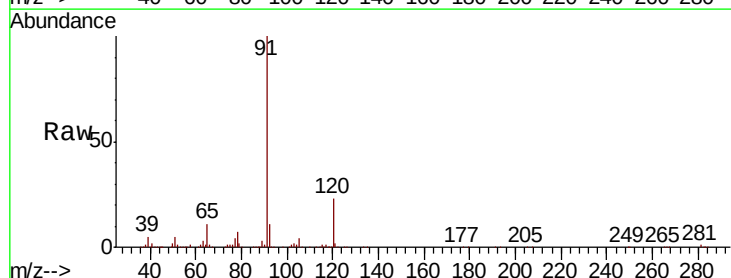
Acq: 07 Oct 2019 23:46

Tgt Ion: 91 Resp: 206729

Ion Ratio Lower Upper

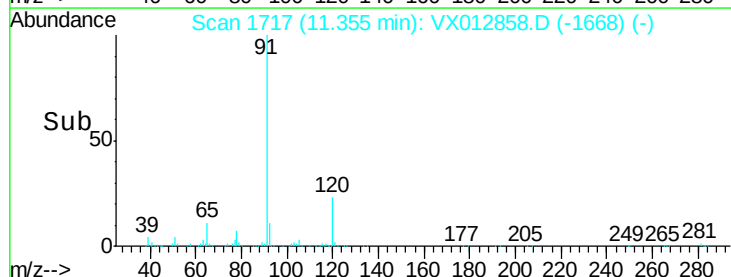
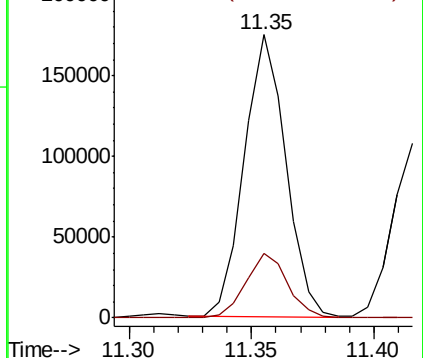
91 100

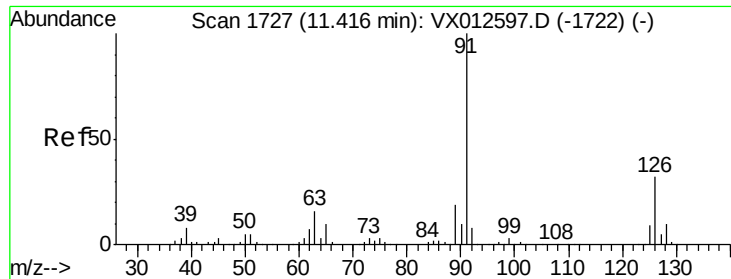
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





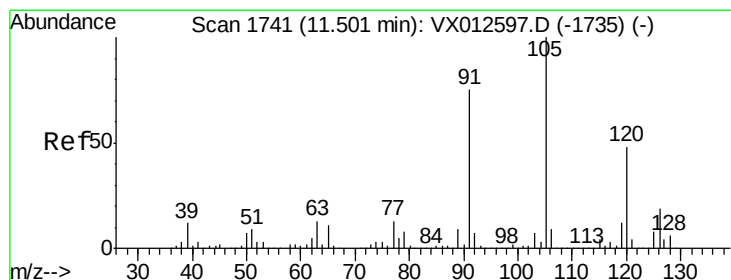
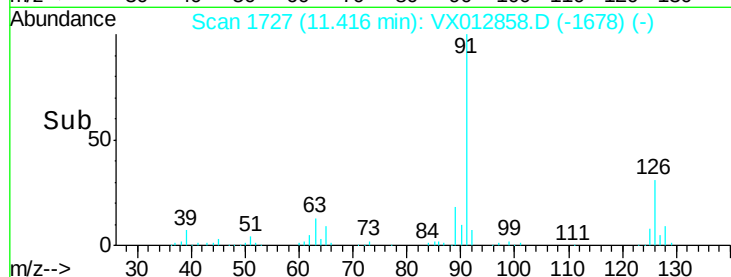
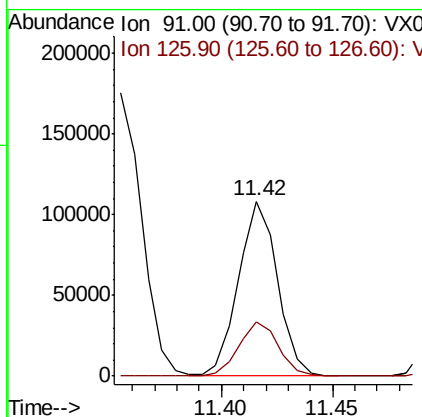
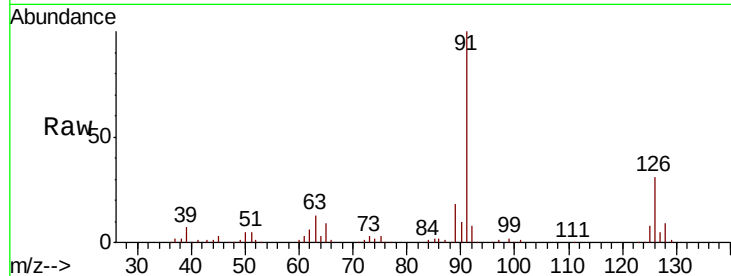
#79
2-Chlorotoluene
Concen: 19.073 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion: 91 Resp: 131465
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.4

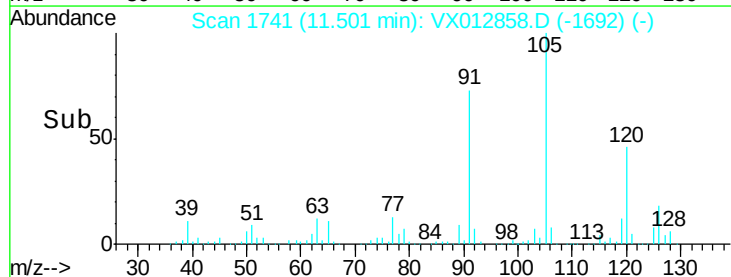
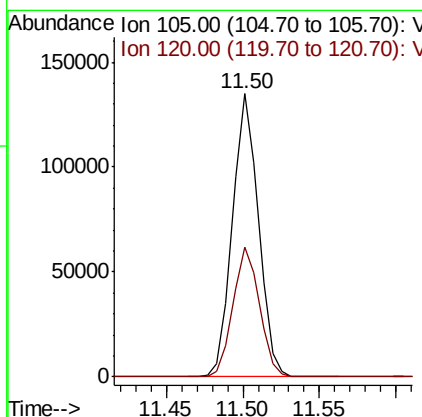
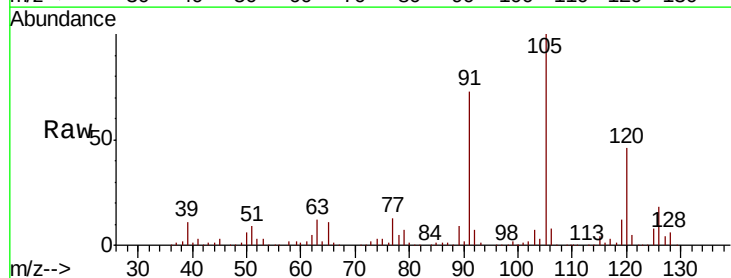
Manual Integrations
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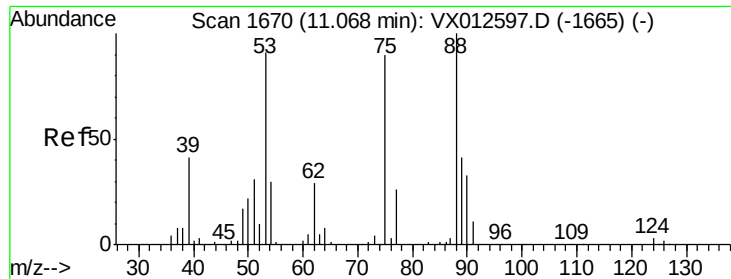
MMDadoda
10/8/2019 2:07:15 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.341 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion: 105 Resp: 159183
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.8





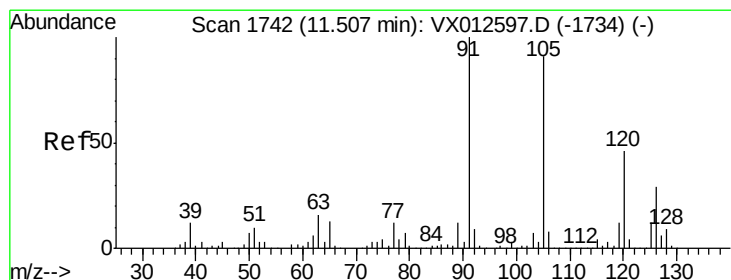
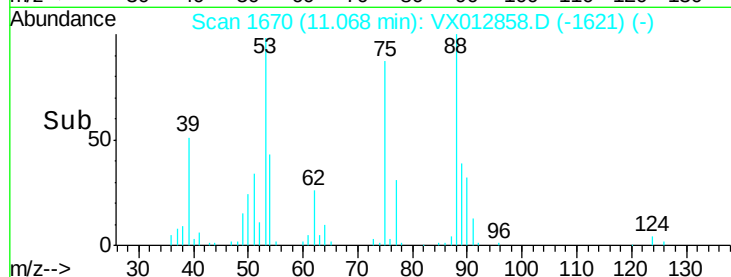
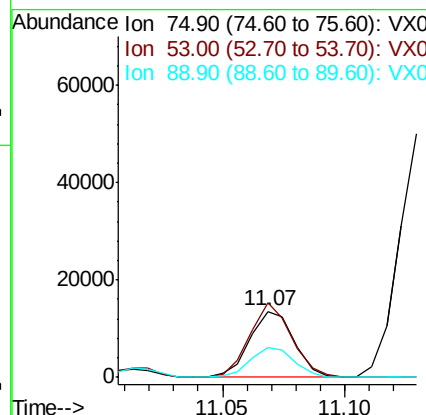
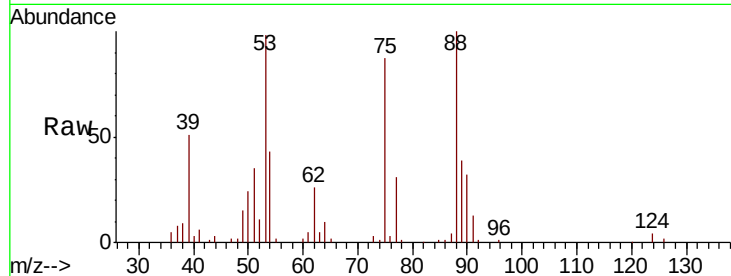
#81
trans-1,4-Dichloro-2-butene
Concen: 15.397 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.8	83.6	125.4
89	45.3	36.3	54.5

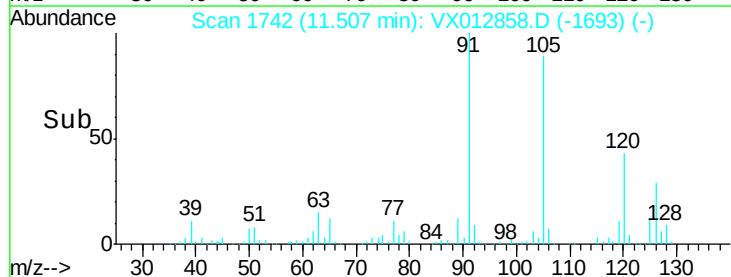
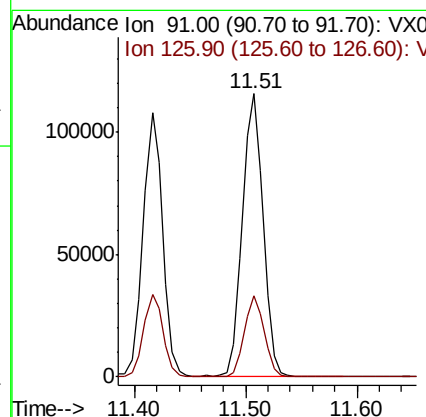
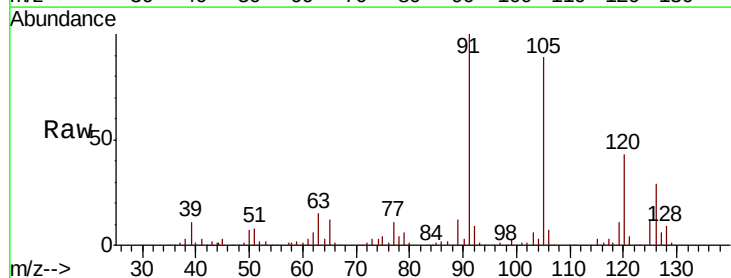
Manual Integrations
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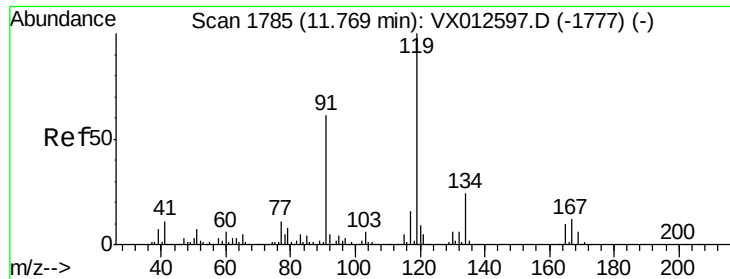
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.986 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.4	43.0





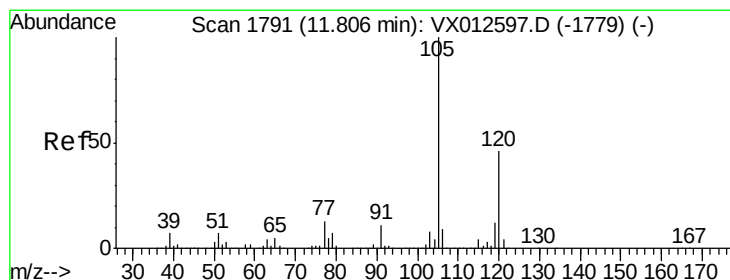
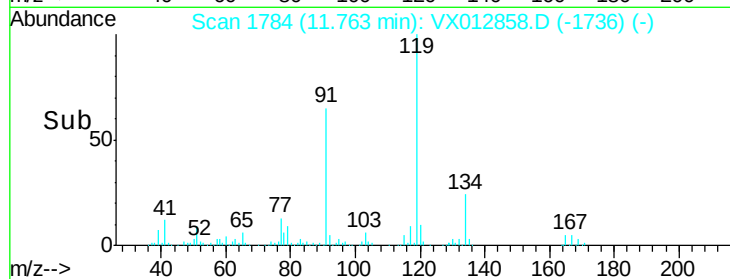
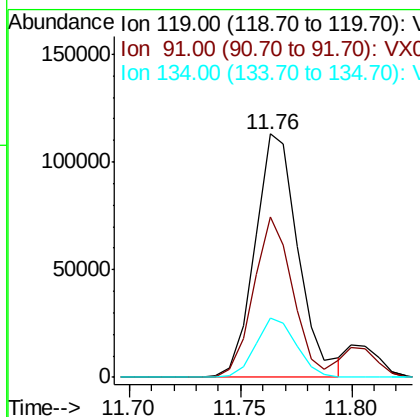
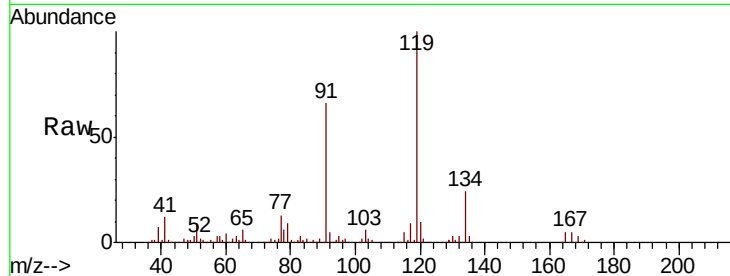
#83
 tert-Butylbenzene
 Concen: 19.217 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	152564		
91	59.6	30.0	90.0	
134	22.7	11.3	33.9	

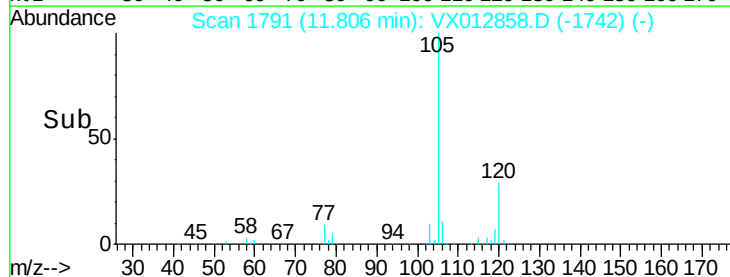
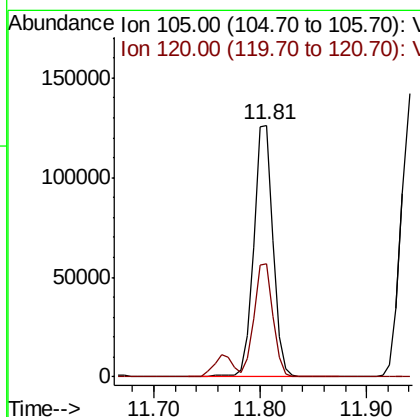
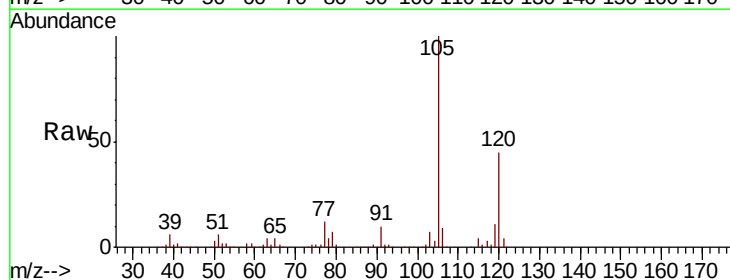
Manual Integrations
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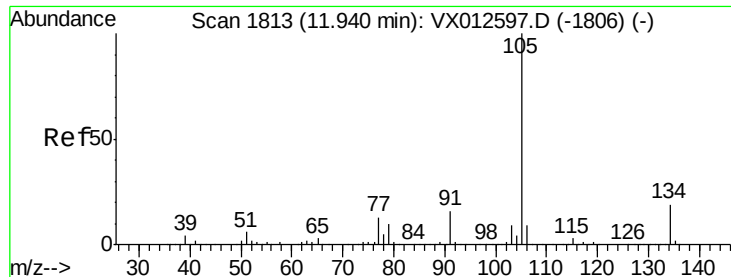
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.365 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	160774		
120	44.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 19.070 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBS02

Tot Ion:105 Resp: 176096

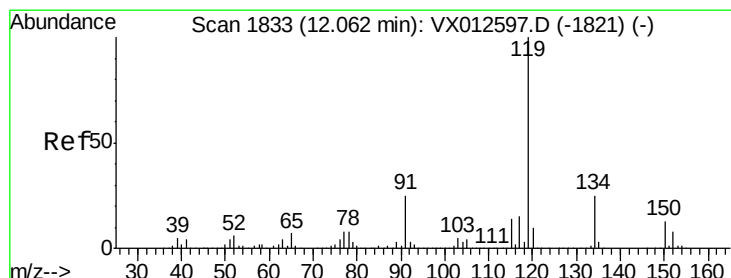
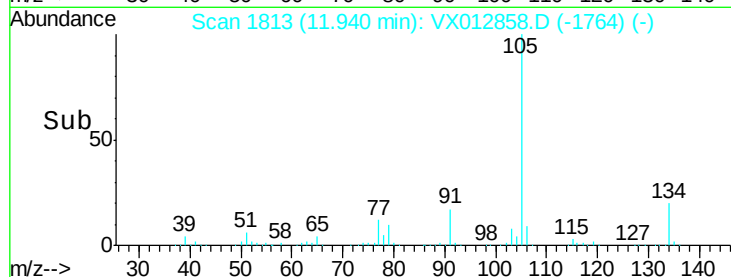
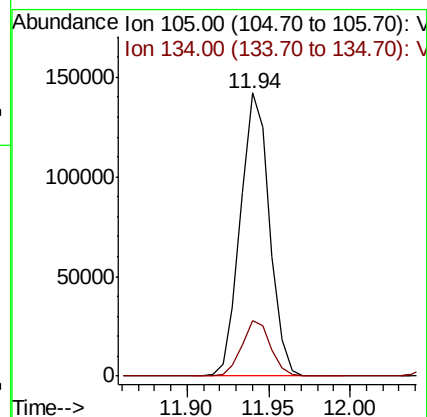
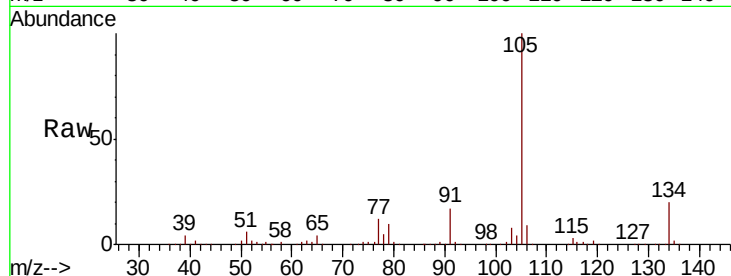
Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.162 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

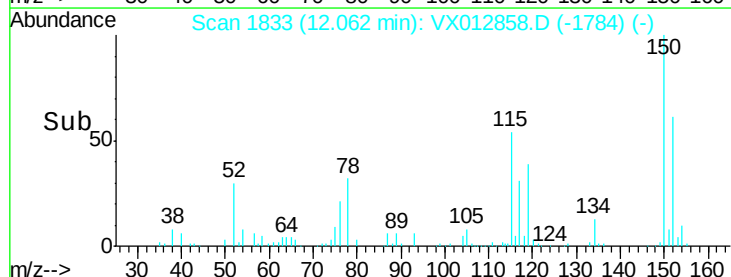
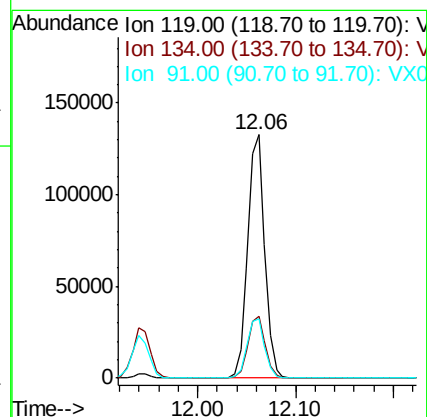
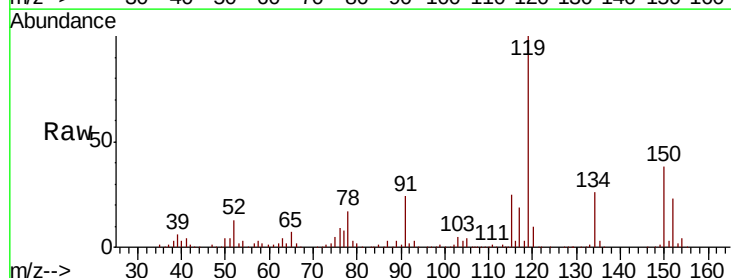
Tgt Ion:119 Resp: 159657

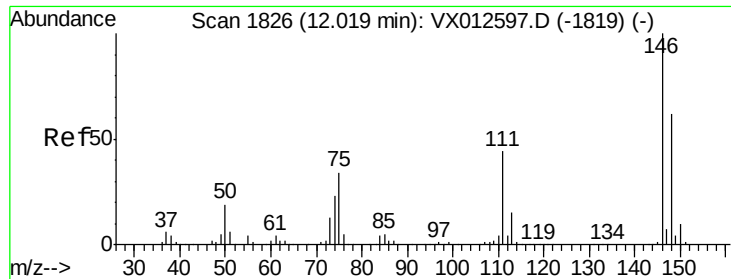
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 25.1 12.8 38.4





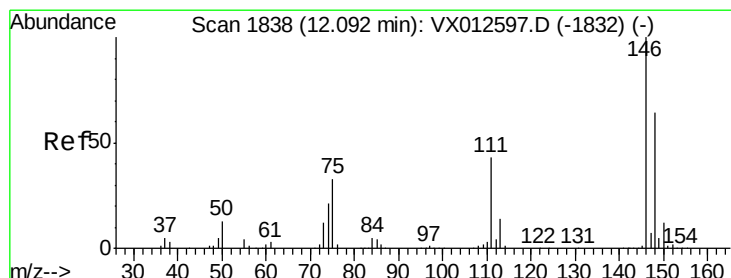
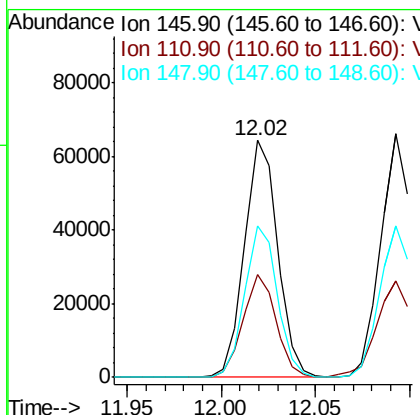
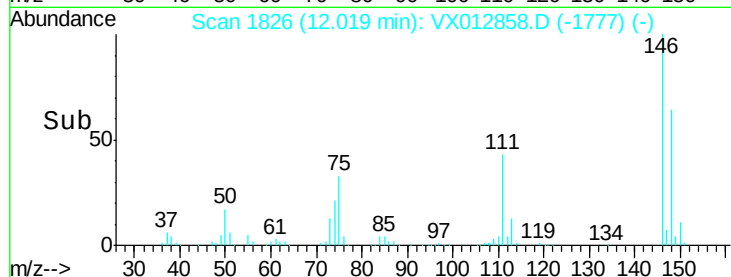
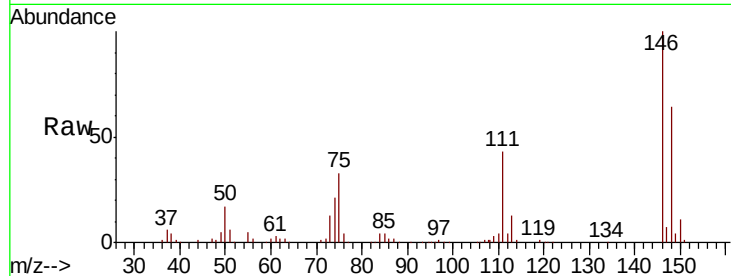
#87
 1,3-Dichlorobenzene
 Concen: 19.765 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	64.0
148	63.0	32.4	97.2

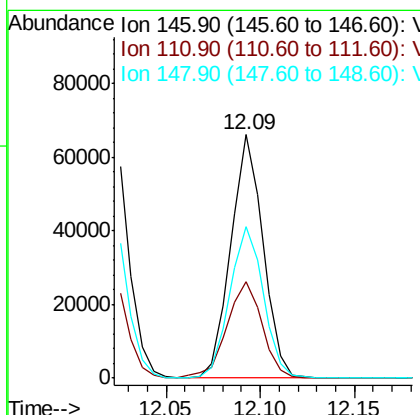
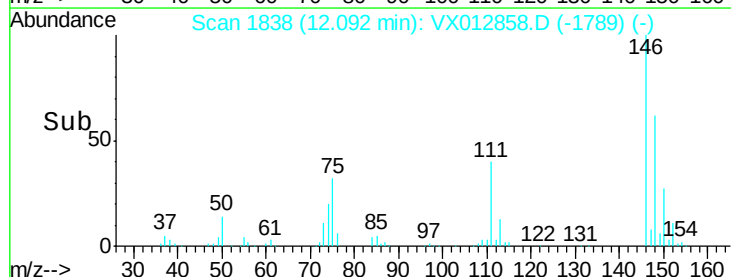
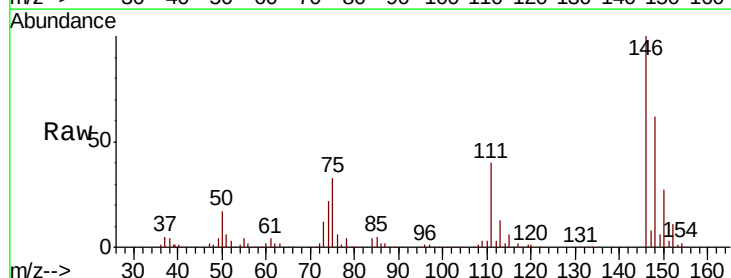
Manual Integrations
 APPROVED

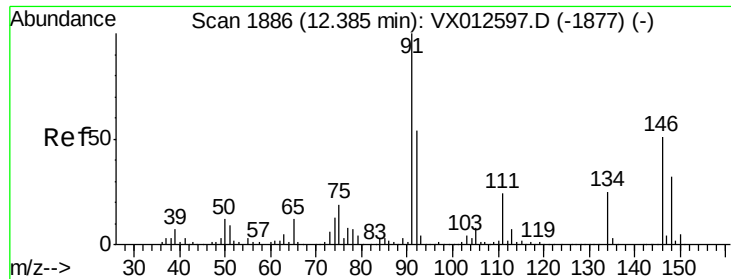
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 10/8/2019 2:07:15 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.424 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012858.D
 Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.3
148	65.1	32.1	96.5





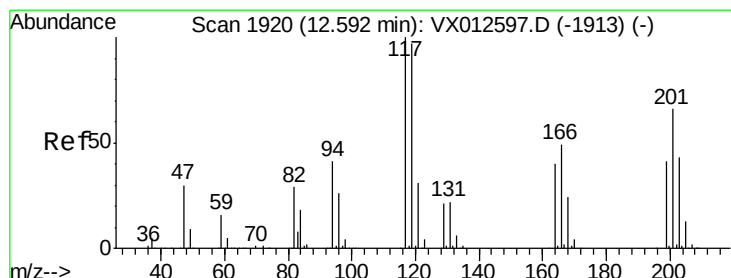
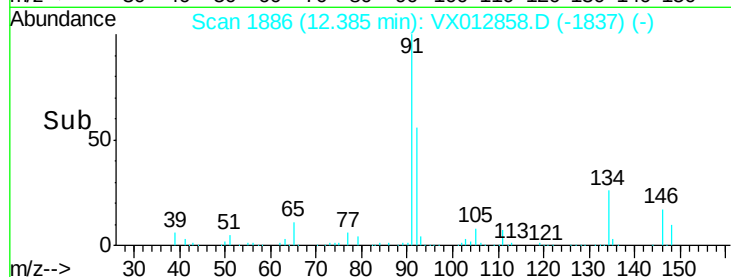
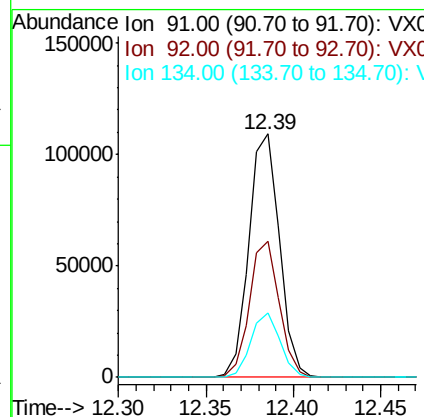
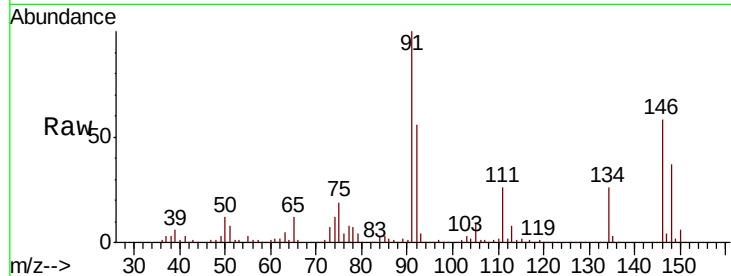
#89
n-Butylbenzene
Concen: 18.101 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.7	83.0
134	25.5	12.9	38.6

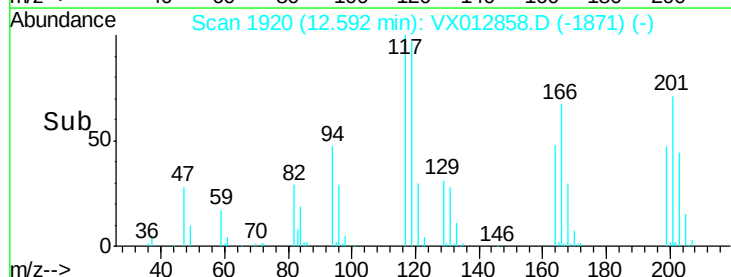
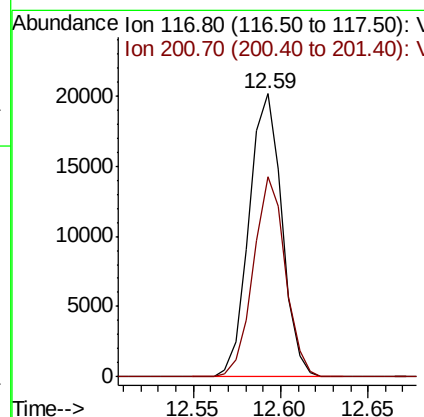
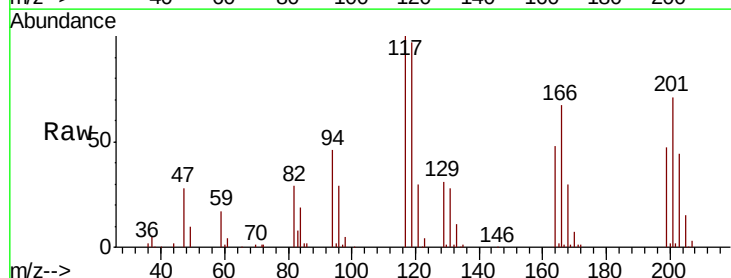
Manual Integrations
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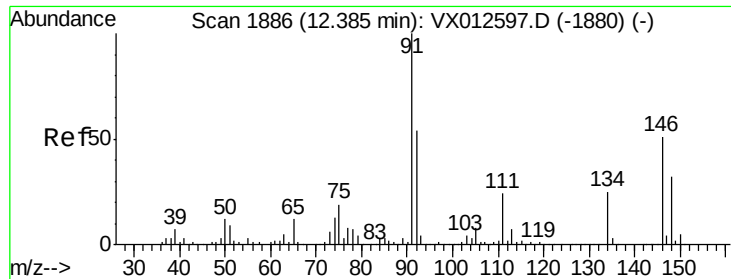
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#90
Hexachloroethane
Concen: 17.692 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.8	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 19.805 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

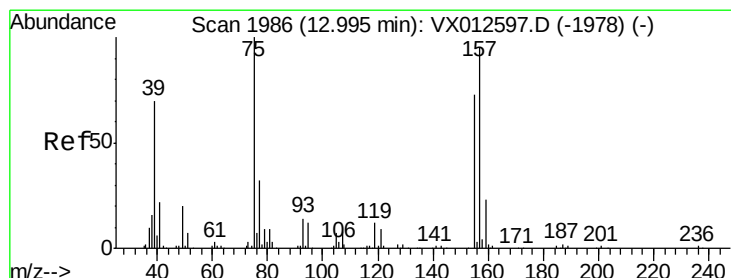
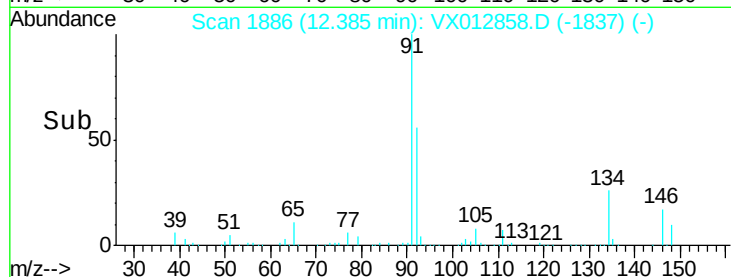
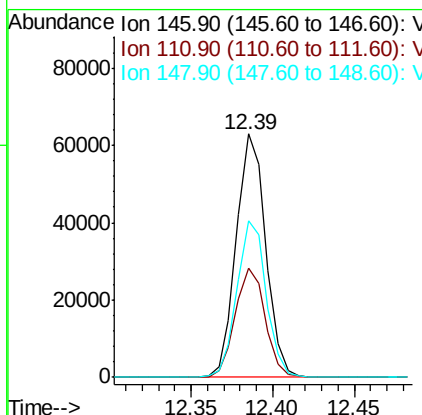
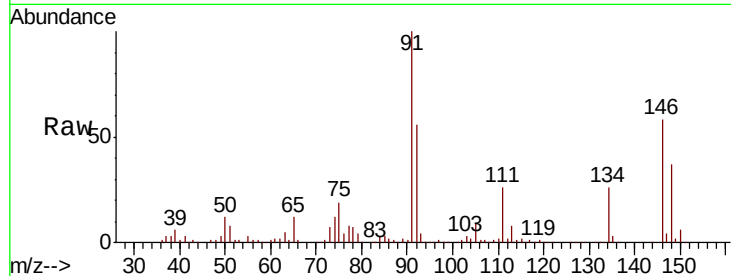
ClientSampleId :

VX1007WBS02

Tot Ion:	146	Resp:	79261
Ion Ratio	Lower	Upper	
146	100		
111	45.6	22.1	66.1
148	63.9	31.3	93.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.083 ug/l

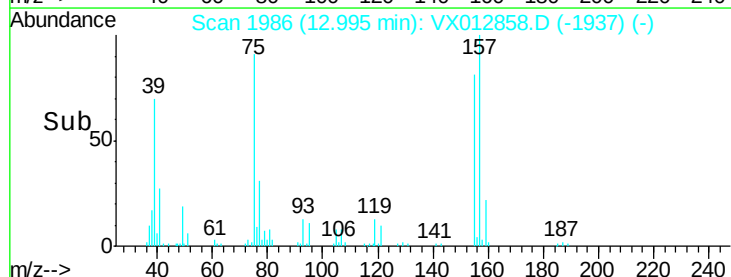
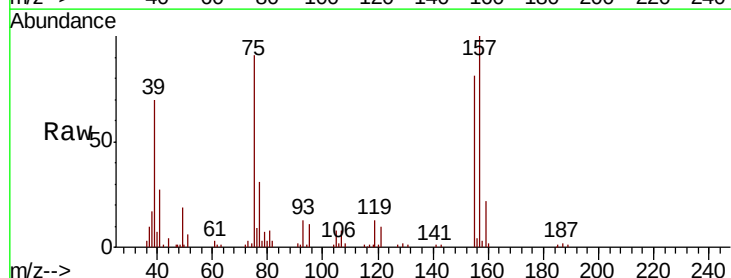
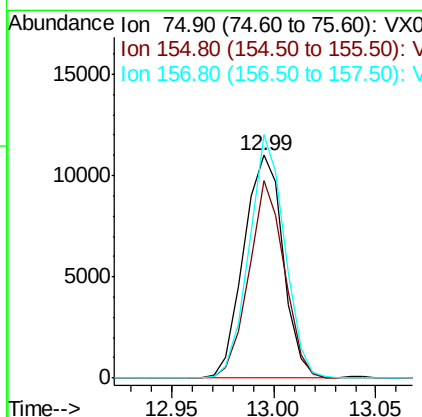
RT: 12.99 min Scan# 1986

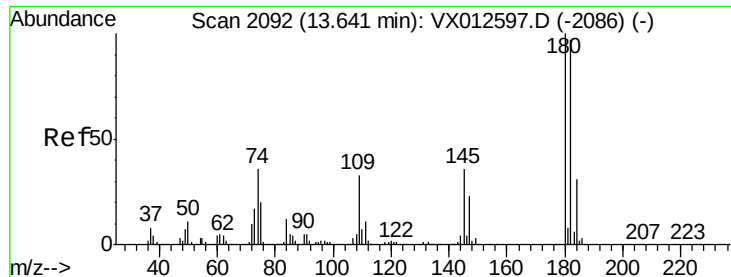
Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion:	75	Resp:	14703
Ion Ratio	Lower	Upper	
75	100		
155	79.9	38.6	115.8
157	99.2	50.6	151.9





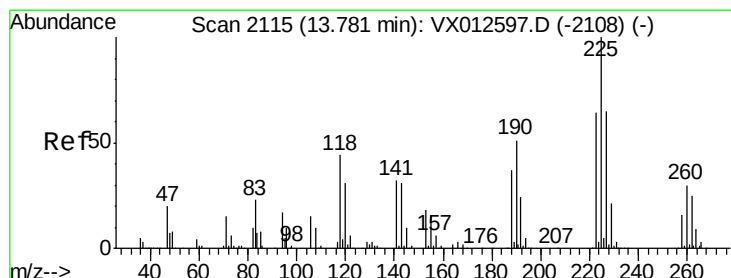
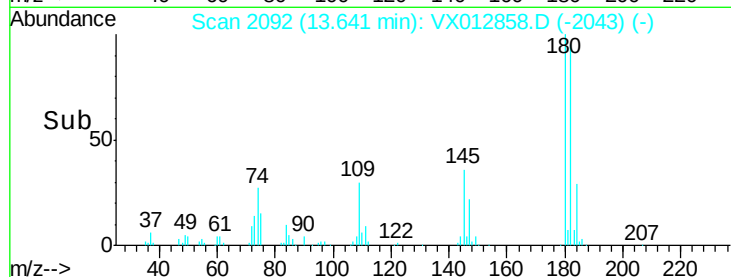
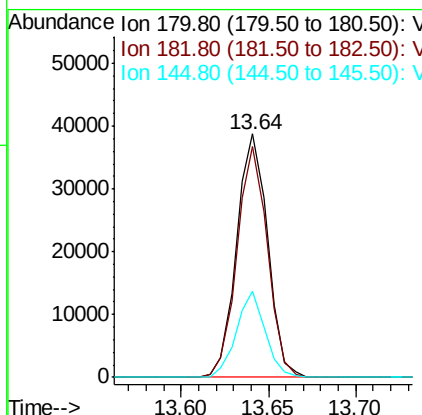
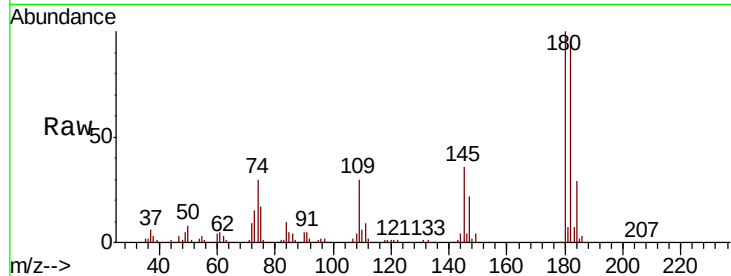
#93
1,2,4-Trichlorobenzene
Concen: 19.569 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.0	141.0
145	33.0	16.8	50.4

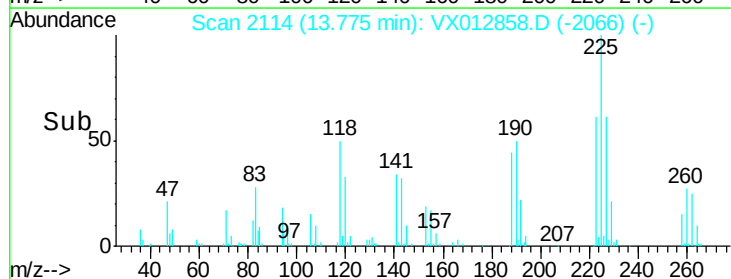
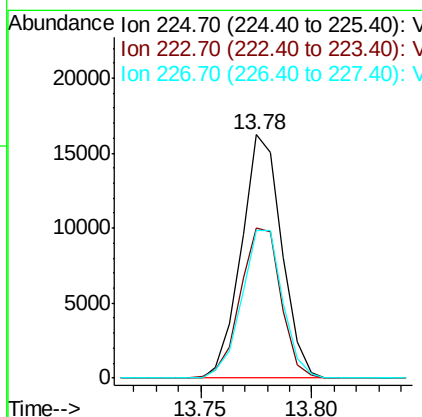
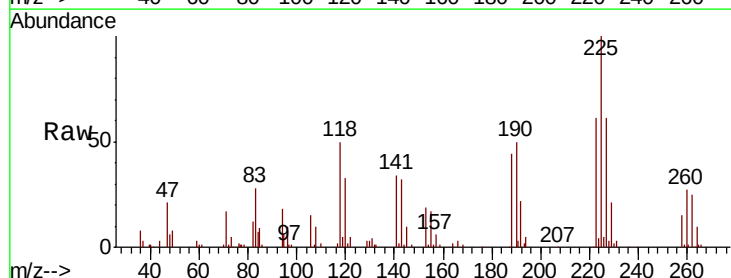
Manual Integrations
APPROVED

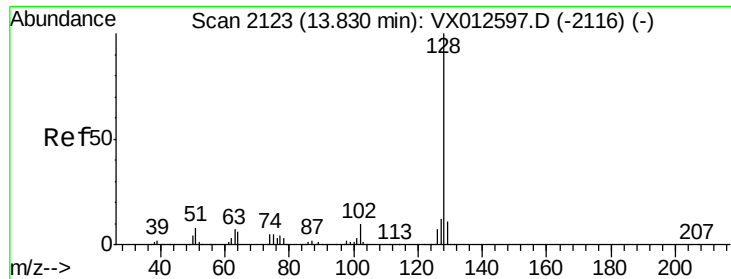
MMDadoda
10/8/2019 2:07:15 PM



#94
Hexachlorobutadiene
Concen: 19.513 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX012858.D
Acq: 07 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.0	96.2
227	61.5	31.9	95.5





#95

Naphthalene

Concen: 20.158 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Instrument :

MSVOA_X

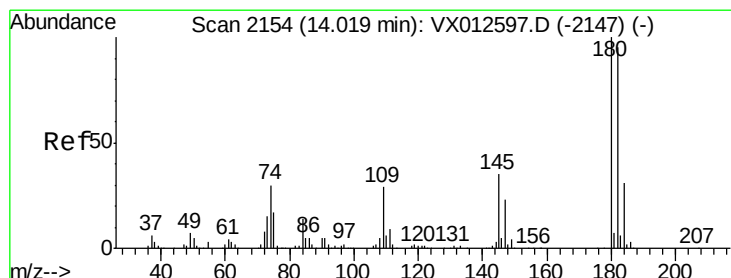
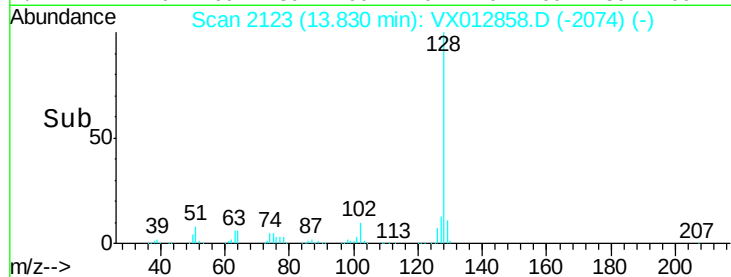
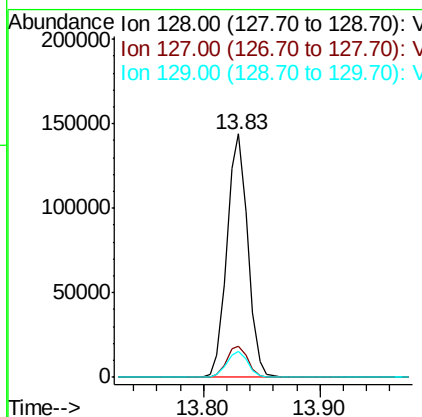
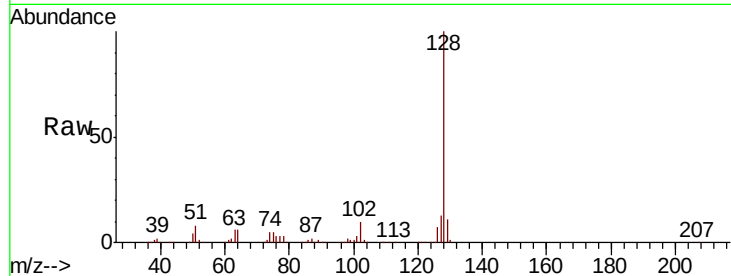
ClientSampleId :

VX1007WBS02

Tot Ion:	128	Resp:	177997
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/8/2019 2:07:15 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.311 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012858.D

Acq: 07 Oct 2019 23:46

Tgt Ion:	180	Resp:	49657
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.1	141.3
145	34.5	18.0	54.0

