

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012859.D
 Acq On : 08 Oct 2019 00:10
 Operator : JC/SP
 Sample : VX1007WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:20 PM

Quant Time: Oct 08 12:51:34 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	173648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119857	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	5.48	113	93572	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	8.71	98	353782	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.14	95	136776	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	28811	14.748	ug/l	95
3) Chloromethane	1.32	50	33121	14.765	ug/l	100
4) Vinyl Chloride	1.40	62	35435	15.893	ug/l	97
5) Bromomethane	1.63	94	16839	19.209	ug/l	99
6) Chloroethane	1.72	64	23839	15.860	ug/l	96
7) Trichlorofluoromethane	1.92	101	52556	16.789	ug/l	100
8) Diethyl Ether	2.18	74	22838	17.802	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34759	18.230	ug/l	94
10) Methyl Iodide	2.50	142	24720	16.041	ug/l	92
11) Tert butyl alcohol	3.03	59	60008	94.998	ug/l	98
12) 1,1-Dichloroethene	2.37	96	34486	18.471	ug/l	81
13) Acrolein	2.28	56	20793	66.905	ug/l	98
14) Allyl chloride	2.72	41	63702	17.197	ug/l	95
15) Acrylonitrile	3.13	53	117239	91.483	ug/l	98
16) Acetone	2.43	43	100722	75.201	ug/l	98
17) Carbon Disulfide	2.56	76	80969	15.469	ug/l	98
18) Methyl Acetate	2.76	43	61138	19.386	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	131610	18.624	ug/l	97
20) Methylene Chloride	2.85	84	41735	18.423	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	37529	18.144	ug/l	97
22) Diisopropyl ether	3.84	45	133348	18.631	ug/l	97
23) Vinyl Acetate	3.80	43	552757	88.064	ug/l	97
24) 1,1-Dichloroethane	3.69	63	70776	18.191	ug/l	98
25) 2-Butanone	4.66	43	165089	85.963	ug/l	96
26) 2,2-Dichloropropane	4.58	77	47897	13.842	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	43793	18.247	ug/l	93
28) Bromochloromethane	5.00	49	27214	19.264	ug/l	97
29) Tetrahydrofuran	5.12	42	104727	89.469	ug/l	94
30) Chloroform	5.20	83	72385	18.185	ug/l	98
31) Cyclohexane	5.57	56	61797	17.557	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	62719	17.779	ug/l	98
36) 1,1-Dichloropropene	5.79	75	51277	17.802	ug/l	97
37) Ethyl Acetate	4.83	43	61999	18.411	ug/l	97
38) Carbon Tetrachloride	5.78	117	51823	17.711	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61521	17.742	ug/l	93
40) Benzene	6.13	78	159456	18.815	ug/l	98
41) Methacrylonitrile	5.03	41	33957	17.973	ug/l	95
42) 1,2-Dichloroethane	6.18	62	58331	18.125	ug/l	96
43) Isopropyl Acetate	6.43	43	102177	18.144	ug/l	96
44) Trichloroethene	7.21	130	40398	18.646	ug/l	96
45) 1,2-Dichloropropane	7.51	63	41861	19.293	ug/l	96
46) Dibromomethane	7.65	93	27510	18.622	ug/l	99
47) Bromodichloromethane	7.89	83	54222	18.364	ug/l	98
48) Methyl methacrylate	7.76	41	49825	18.452	ug/l	92
49) 1,4-Dioxane	7.73	88	23332	380.953	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	325470	93.628	ug/l	95
52) Toluene	8.78	92	101719	19.097	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	56019	17.148	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63211	17.722	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	41292	19.499	ug/l	95
56) Ethyl methacrylate	9.17	69	67835	19.067	ug/l	91
57) 1,3-Dichloropropane	9.37	76	71390	19.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	146634	91.821	ug/l	99
59) 2-Hexanone	9.49	43	244678	91.956	ug/l	95
60) Dibromochloromethane	9.58	129	40853	19.057	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43020	19.520	ug/l	98
64) Tetrachloroethene	9.33	164	37854	20.360	ug/l	96
65) Chlorobenzene	10.14	112	105366	18.764	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	38371	18.859	ug/l	97
67) Ethyl Benzene	10.25	91	192295	18.881	ug/l	98
68) m/p-Xylenes	10.35	106	142905	37.456	ug/l	99
69) o-Xylene	10.70	106	70135	18.998	ug/l	100
70) Styrene	10.71	104	119992	19.388	ug/l	99
71) Bromoform	10.85	173	26657	18.816	ug/l #	97
73) Isopropylbenzene	11.01	105	189451	18.885	ug/l	99
74) N-amyl acetate	10.89	43	84776	17.713	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	62737	18.883	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59574m	18.284	ug/l	
77) Bromobenzene	11.25	156	42962	18.922	ug/l	99
78) n-propylbenzene	11.35	91	209286	18.530	ug/l	100
79) 2-Chlorotoluene	11.42	91	129014	18.311	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	160191	19.042	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17214	15.141	ug/l	99
82) 4-Chlorotoluene	11.51	91	150333	18.718	ug/l	99
83) tert-Butylbenzene	11.76	119	150681	18.568	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	162526	19.151	ug/l	99
85) sec-Butylbenzene	11.94	105	179461	19.013	ug/l	99
86) p-Isopropyltoluene	12.06	119	162052	19.027	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	78789	19.282	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	79107	19.159	ug/l	98
89) n-Butylbenzene	12.39	91	134614	17.937	ug/l	99
90) Hexachloroethane	12.59	117	27001	17.783	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	78411	19.168	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14872	17.894	ug/l	100

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48735	19.535	ug/l	99
94) Hexachlorobutadiene	13.78	225	20762	19.345	ug/l	99
95) Naphthalene	13.83	128	178798	19.809	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	50742	20.304	ug/l	97

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

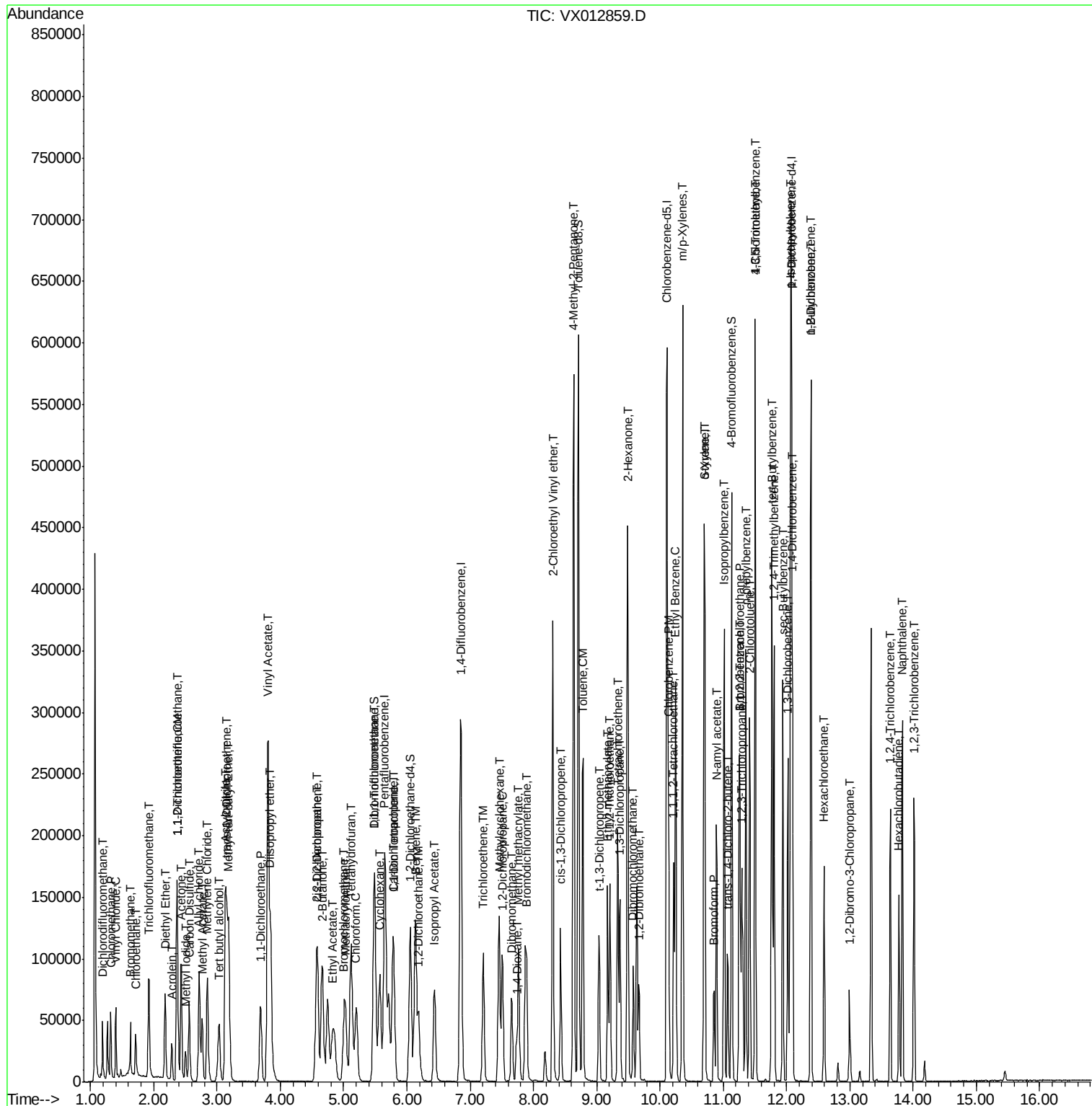
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100719\
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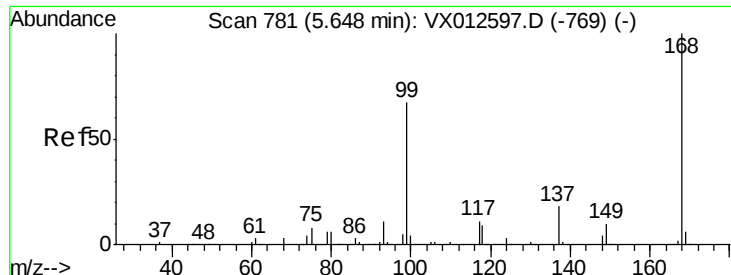
Instrument :
MSVOA_X
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VX1007WBSD02

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion:168 Resp: 173648

Ion Ratio Lower Upper

168 100

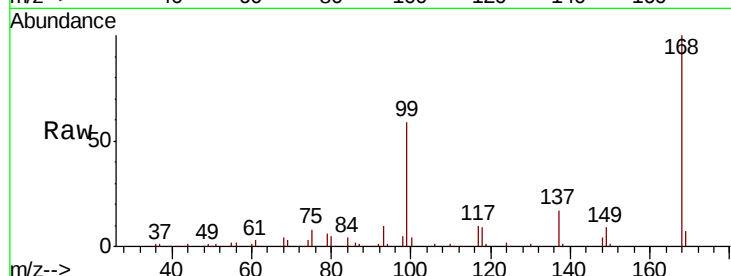
99 58.5 51.4 77.2

Manual Integrations

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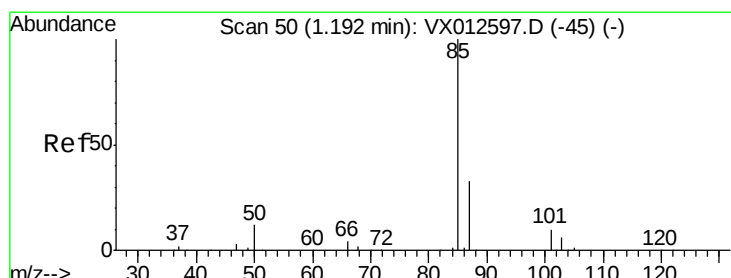
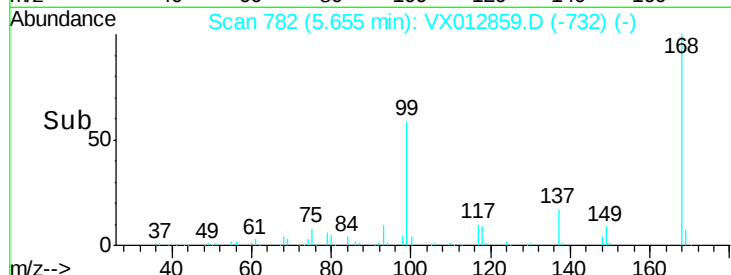
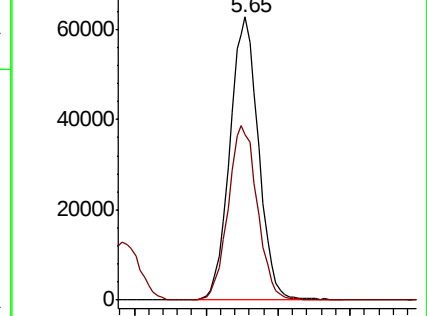
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.748 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012859.D

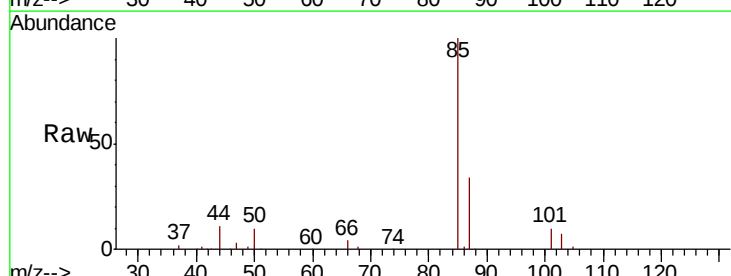
Acq: 08 Oct 2019 00:10

Tgt Ion: 85 Resp: 28811

Ion Ratio Lower Upper

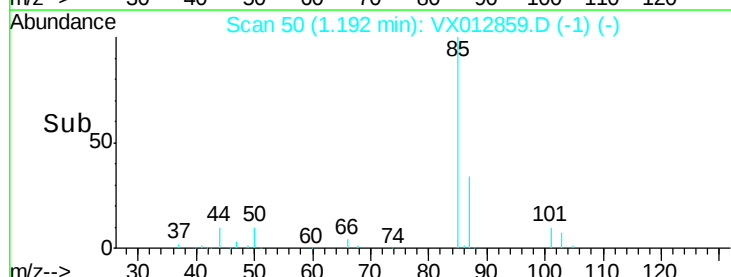
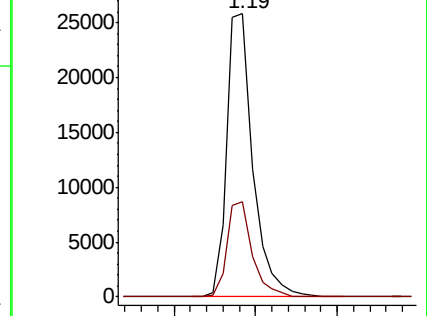
85 100

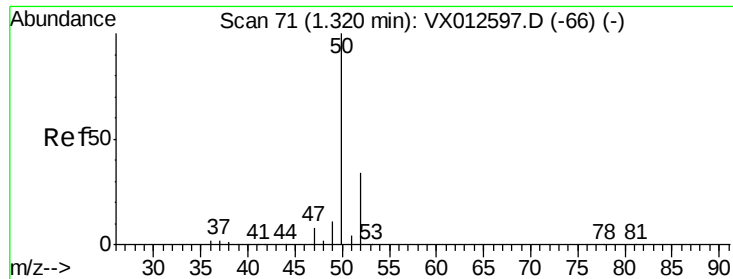
87 33.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.765 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion: 50 Resp: 33121

Ion Ratio Lower Upper

50 100

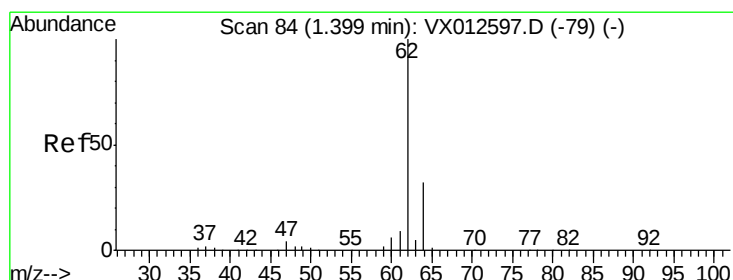
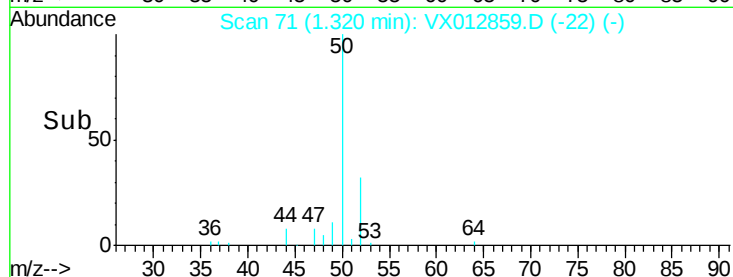
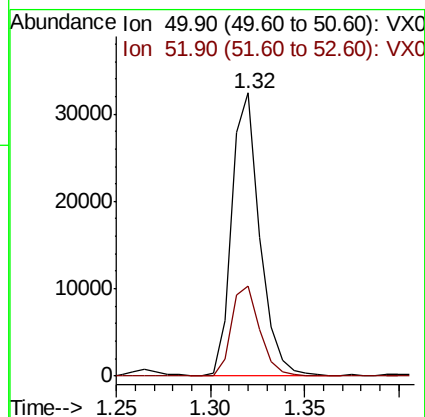
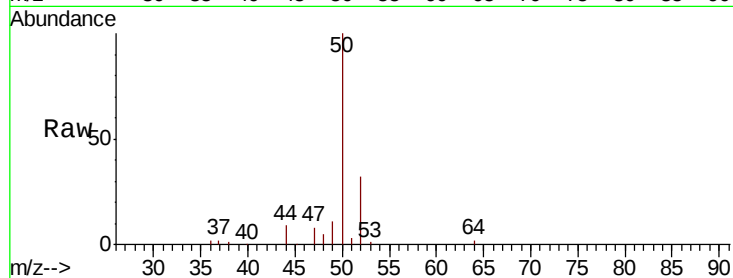
52 31.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.893 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012859.D

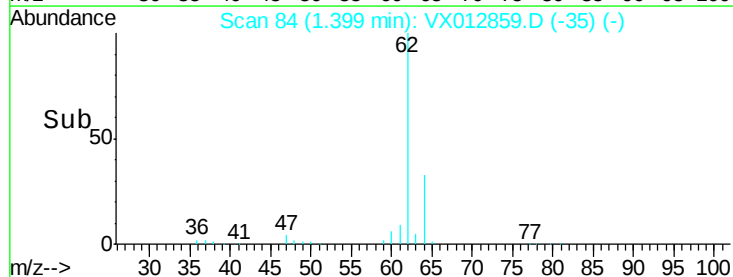
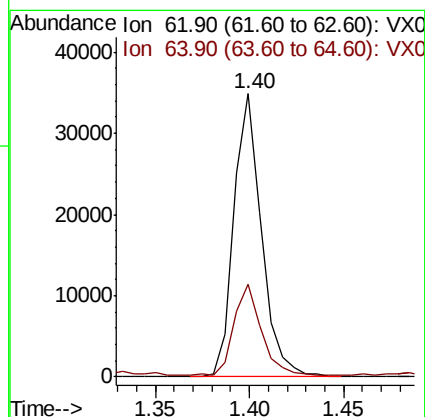
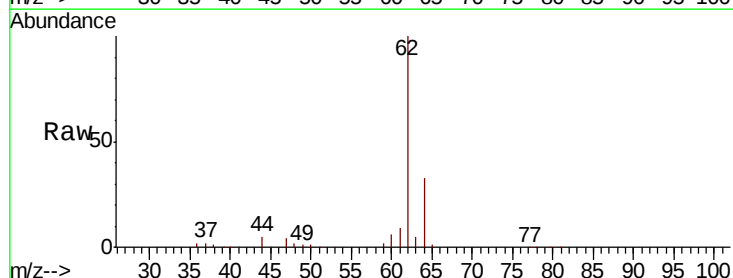
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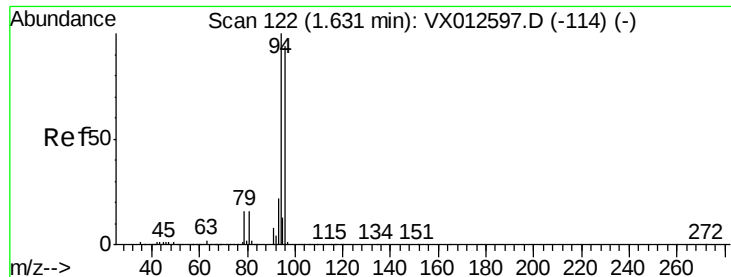
Tgt Ion: 62 Resp: 35435

Ion Ratio Lower Upper

62 100

64 31.8 24.2 36.2





#5

Bromomethane

Concen: 19.209 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

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ClientSampleId :

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Tot Ion: 94 Resp: 16839

Ion Ratio Lower Upper

94 100

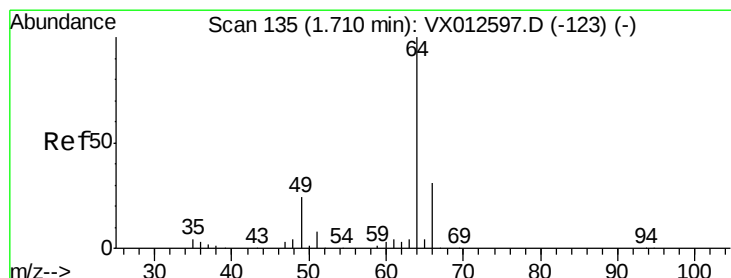
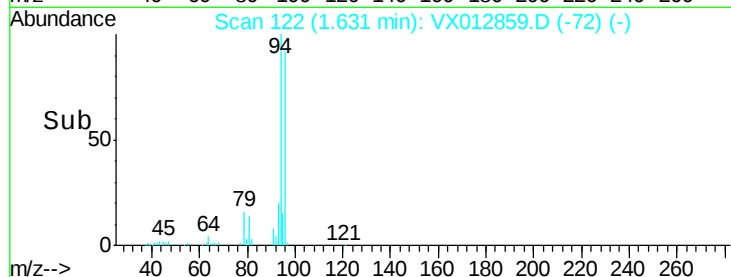
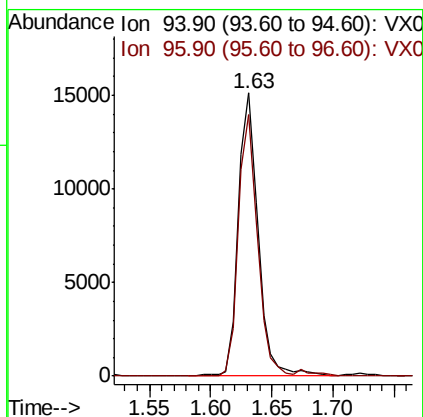
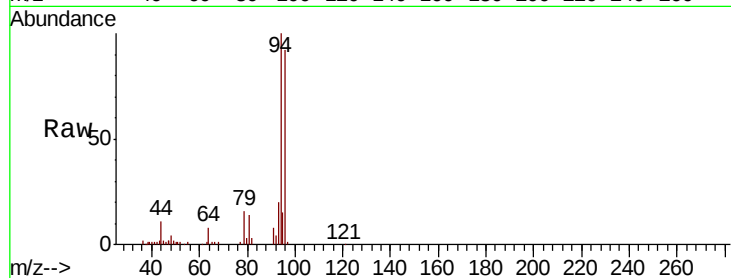
96 92.3 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 15.860 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012859.D

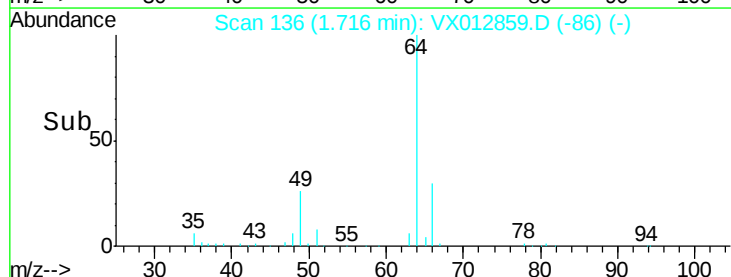
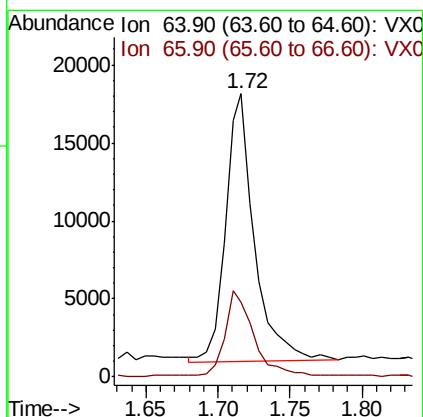
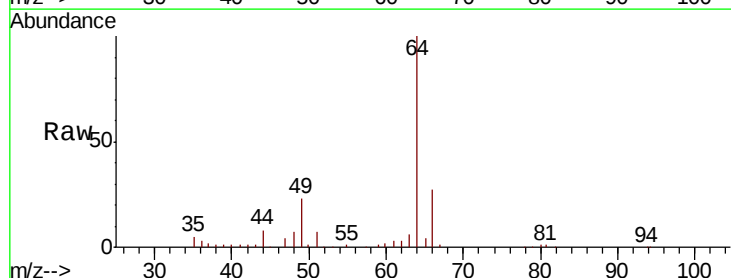
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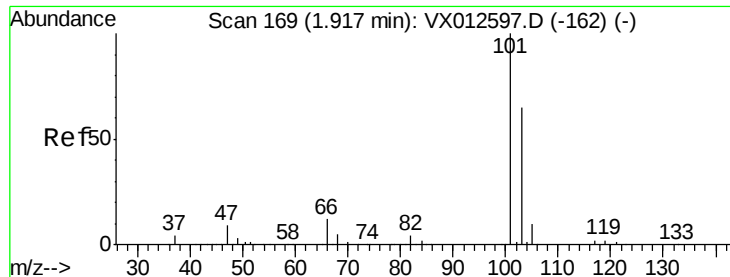
Tgt Ion: 64 Resp: 23839

Ion Ratio Lower Upper

64 100

66 27.7 24.0 36.0





#7

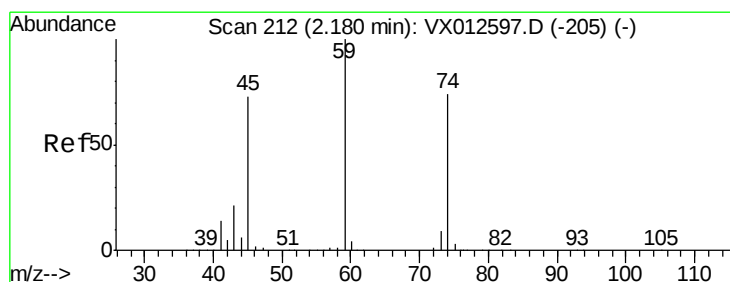
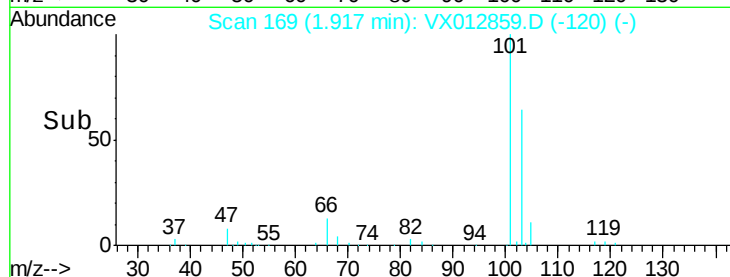
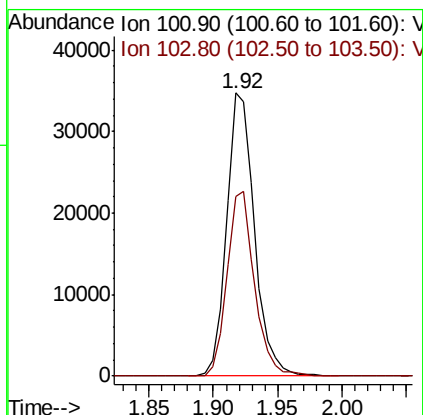
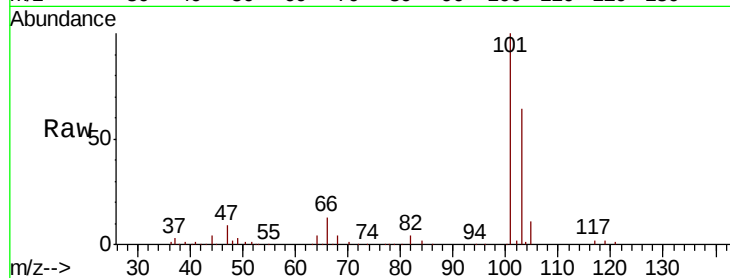
Trichlorofluoromethane
Concen: 16.789 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.0	76.4

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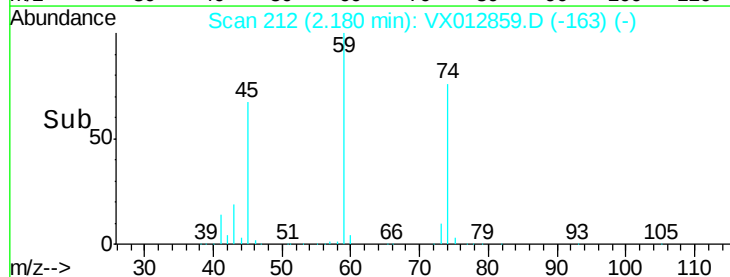
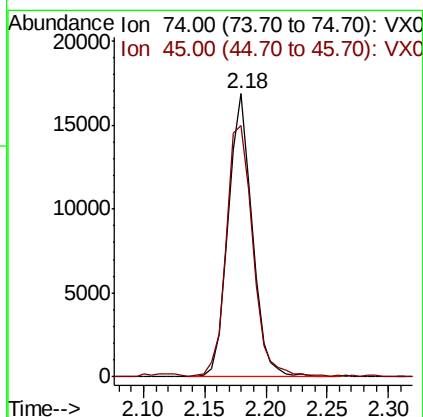
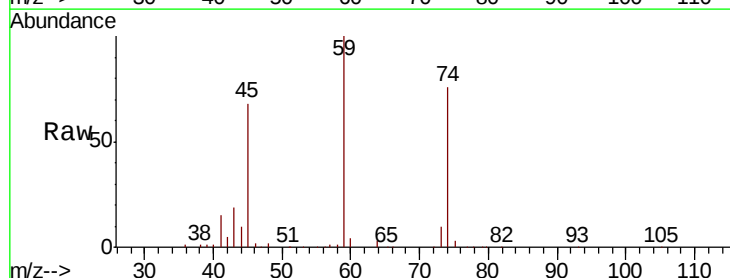
MMDadoda
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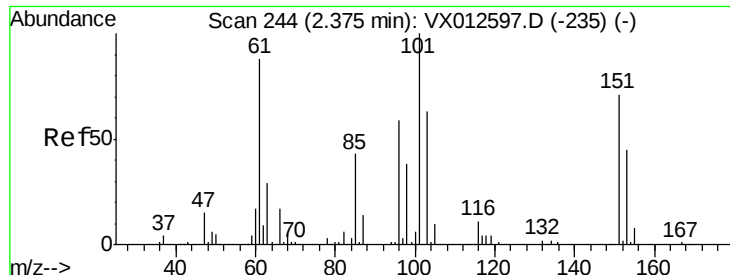


#8

Diethyl Ether
Concen: 17.802 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	49.9	149.7





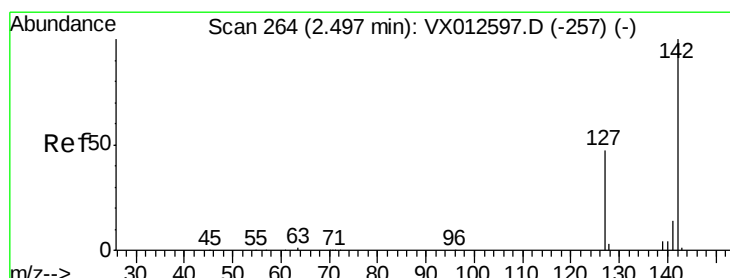
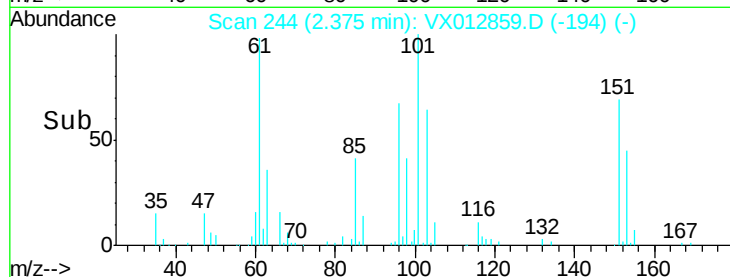
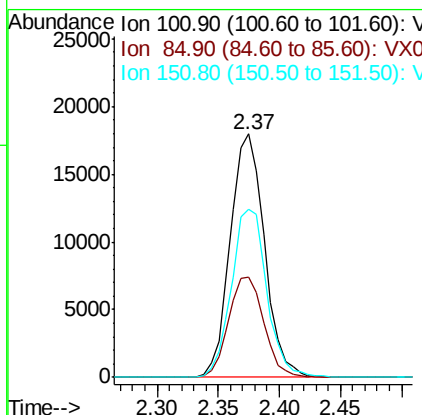
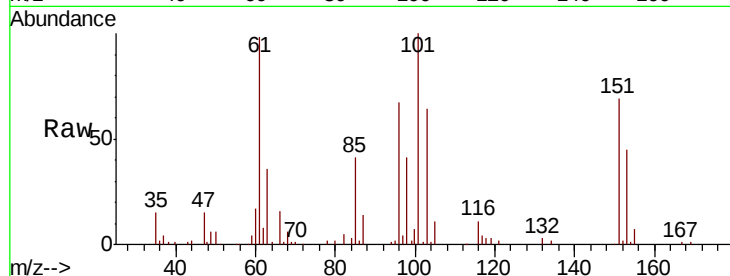
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.230 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	34759		
85	42.7	37.3	55.9	
151	71.6	61.0	91.4	

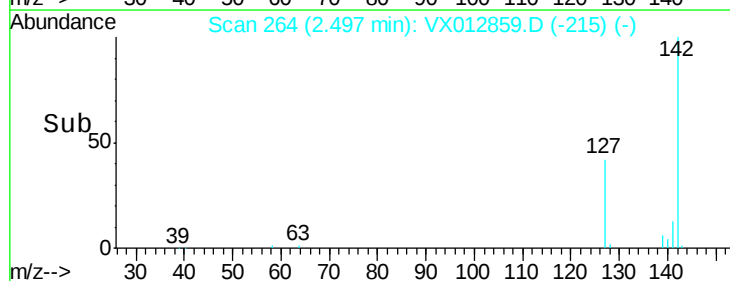
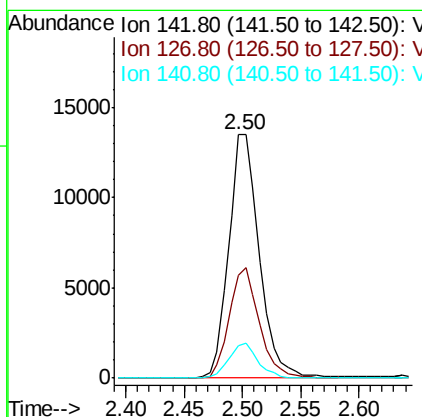
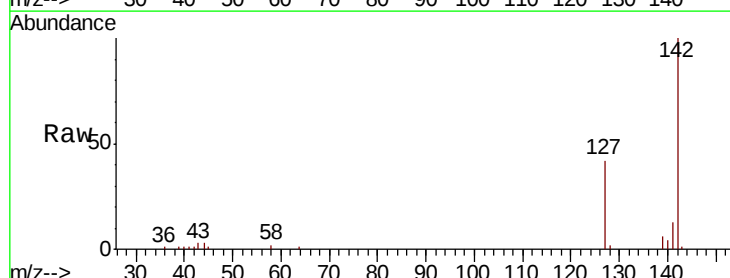
Manual Integrations
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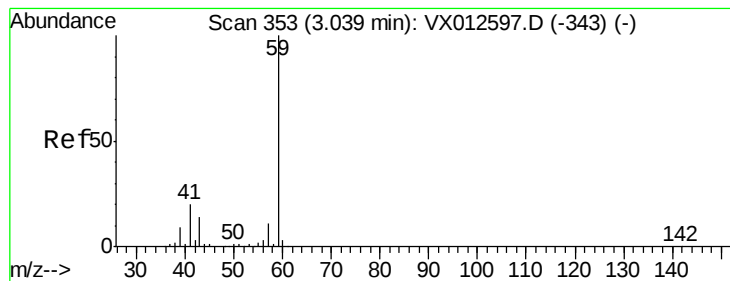
MMDadoda
10/8/2019 2:07:20 PM



#10
Methyl Iodide
Concen: 16.041 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	24720		
127	44.6	40.8	61.2	
141	13.6	12.1	18.1	





#11

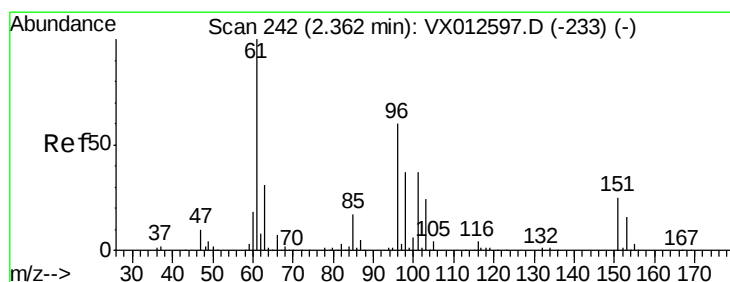
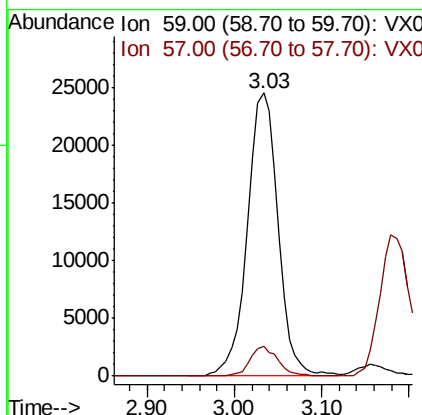
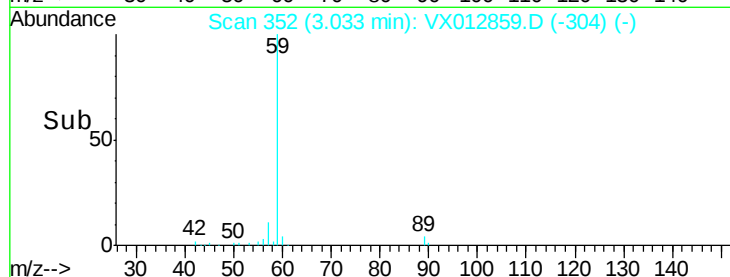
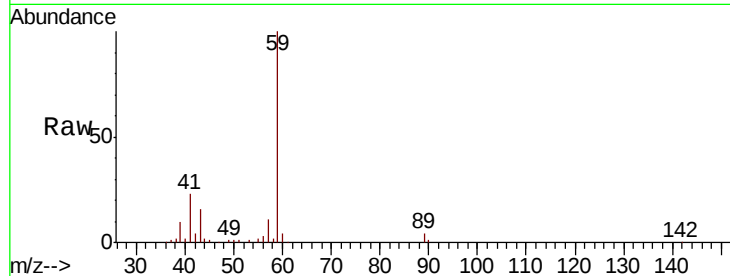
Tert butyl alcohol
Concen: 94.998 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

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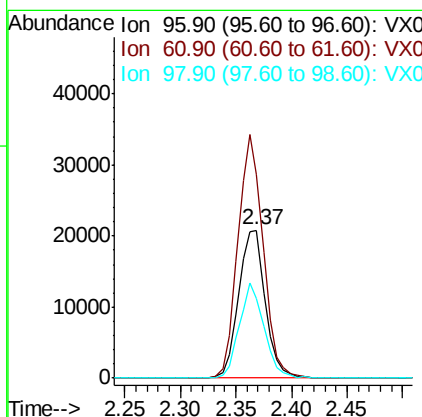
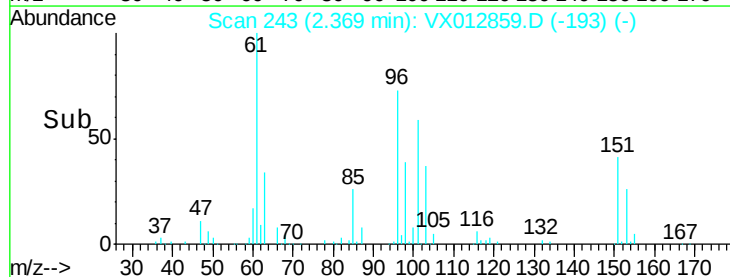
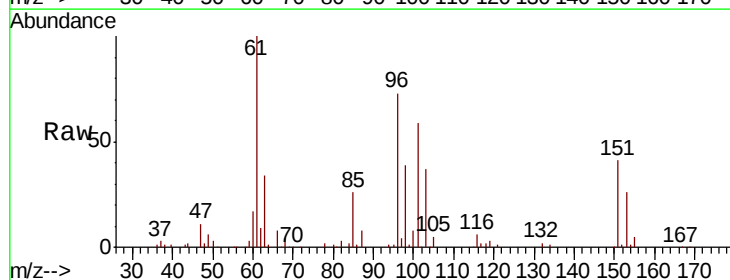
MMDadoda
10/8/2019 2:07:20 PM

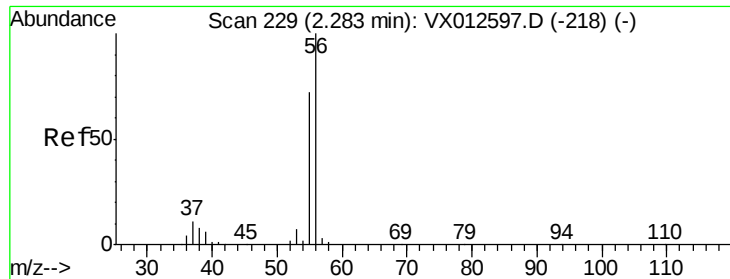


#12

1,1-Dichloroethene
Concen: 18.471 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.6	133.8	200.6
98	53.9	49.9	74.9





#13

Acrolein

Concen: 66.905 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion: 56 Resp: 20793

Ion Ratio Lower Upper

56 100

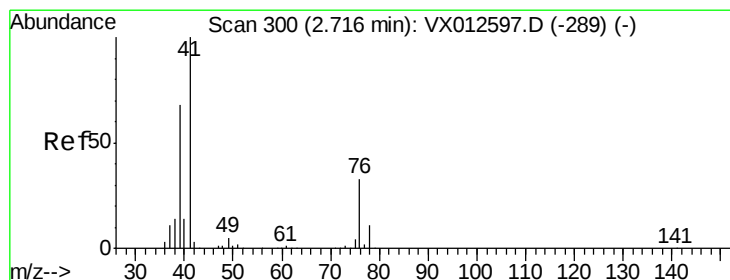
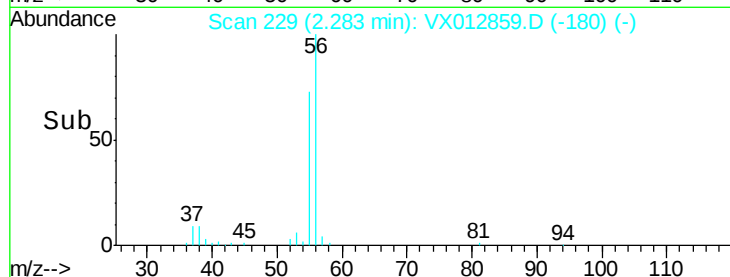
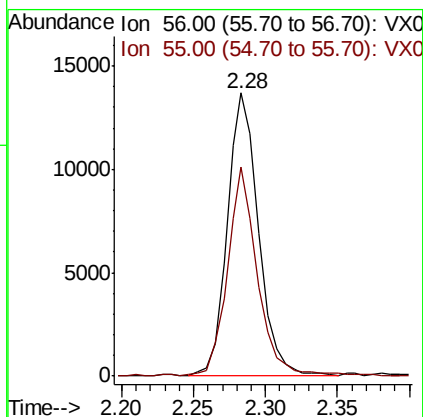
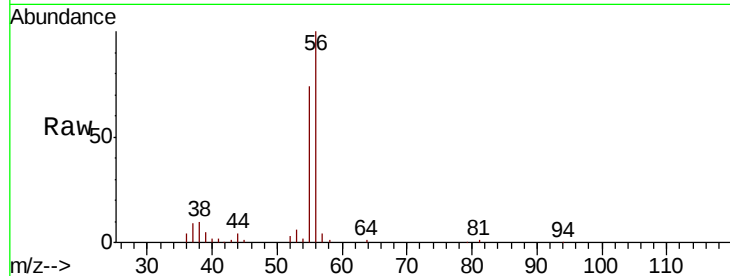
55 71.2 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 17.197 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

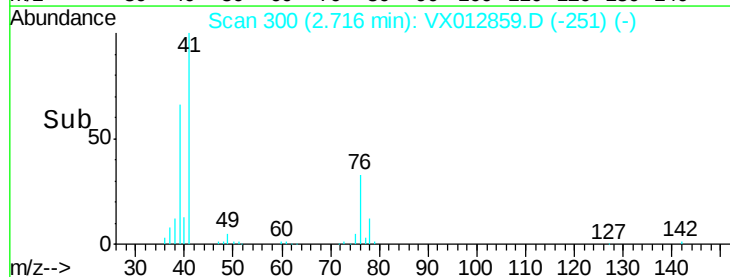
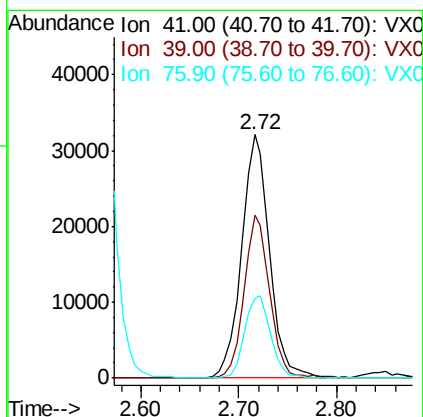
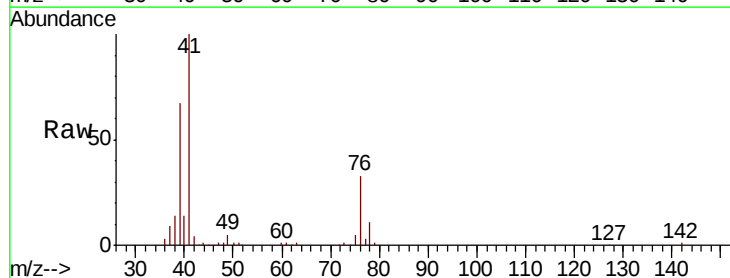
Tgt Ion: 41 Resp: 63702

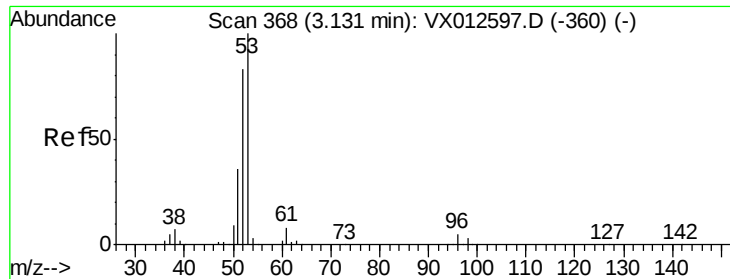
Ion Ratio Lower Upper

41 100

39 61.0 51.3 76.9

76 31.3 22.6 33.8





#15

Acrylonitrile

Concen: 91.483 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

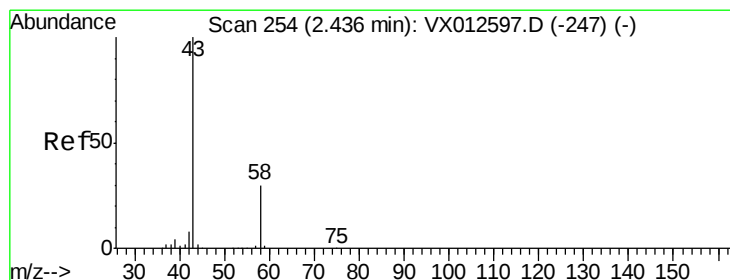
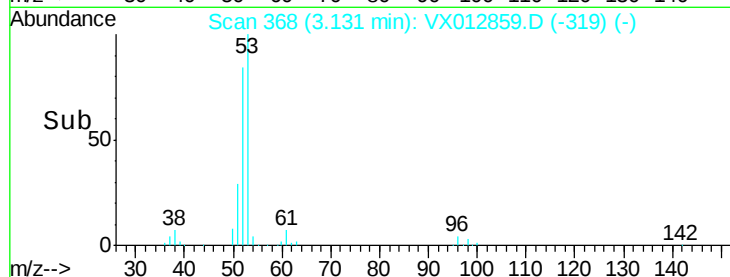
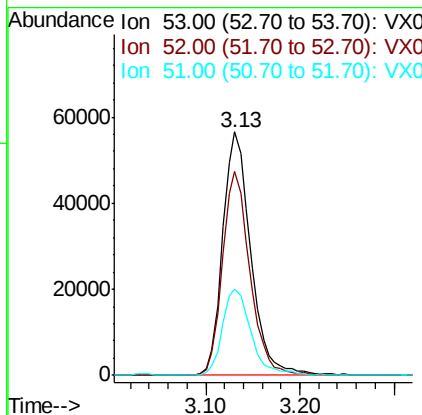
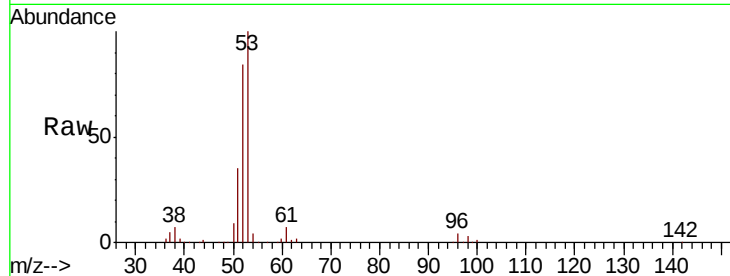
ClientSampleId :

VX1007WBSD02

Tot Ion:	53	Resp:	117239
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.0	100.4
51	35.9	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 75.201 ug/l

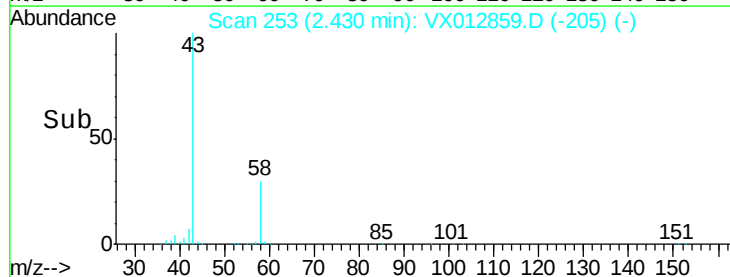
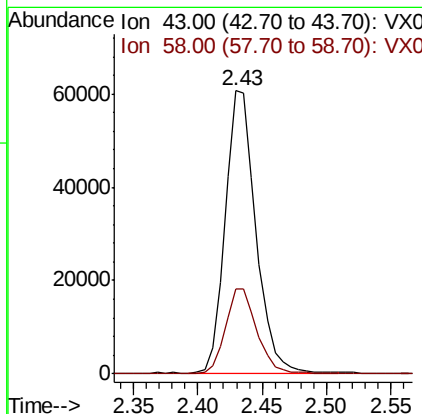
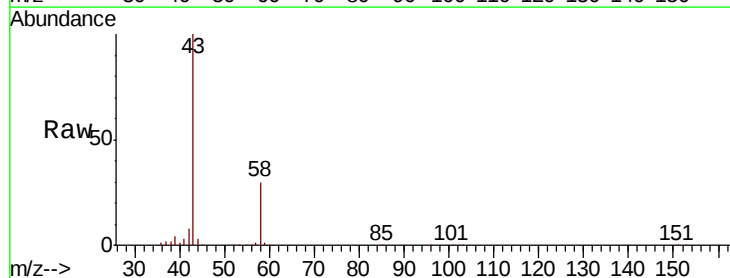
RT: 2.43 min Scan# 253

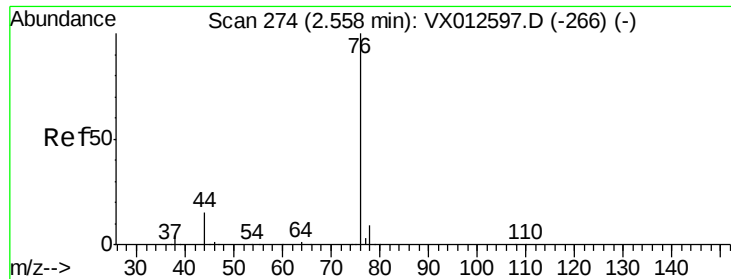
Delta R.T. -0.01 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion:	43	Resp:	100722
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.3	34.9





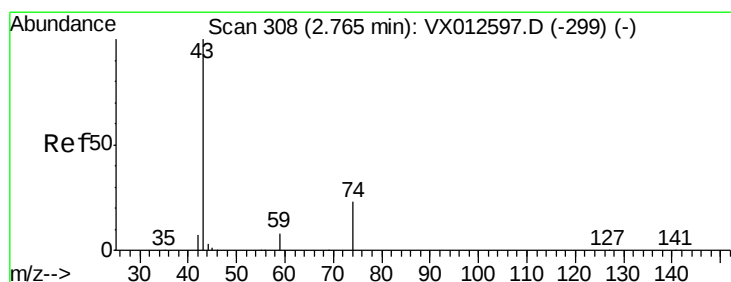
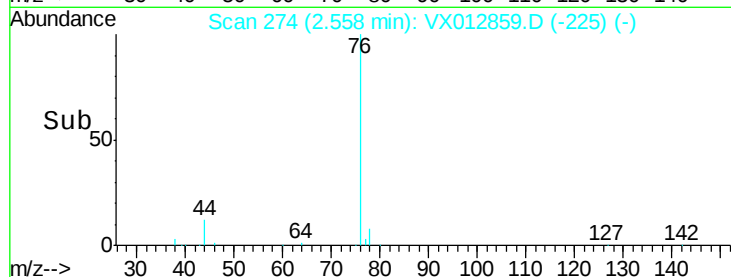
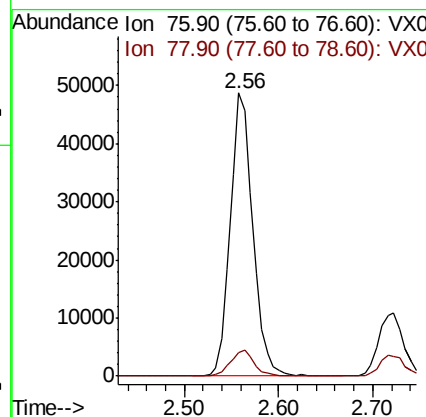
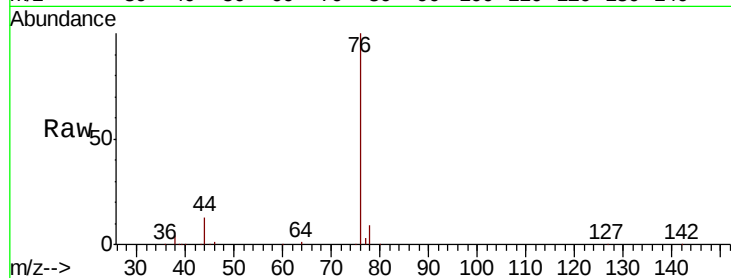
#17
Carbon Disulfide
Concen: 15.469 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

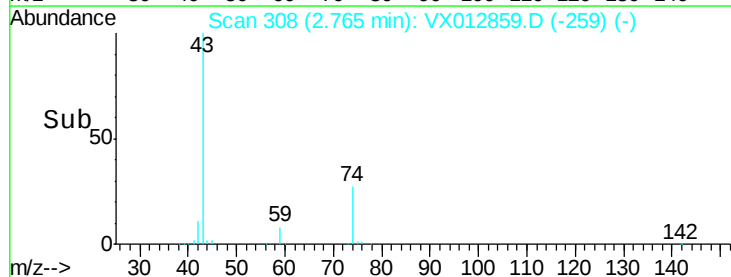
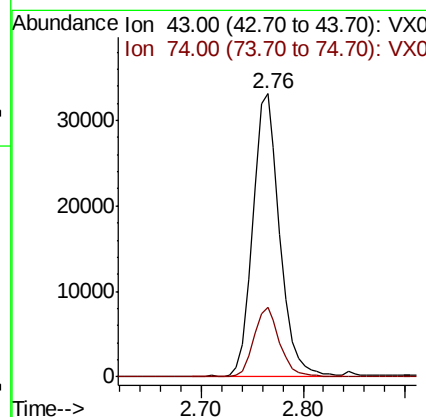
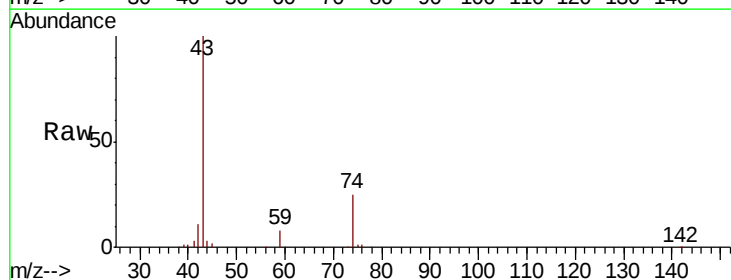
Manual Integrations
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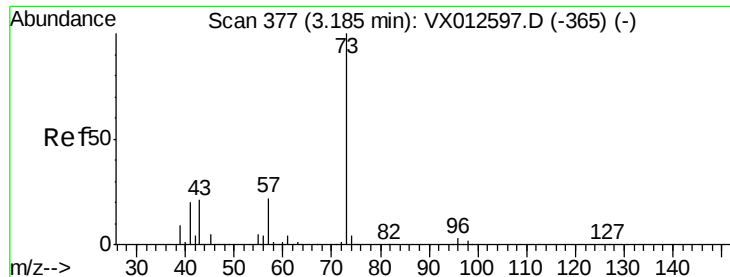
MMDadoda
10/8/2019 2:07:20 PM



#18
Methyl Acetate
Concen: 19.386 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.7	26.5





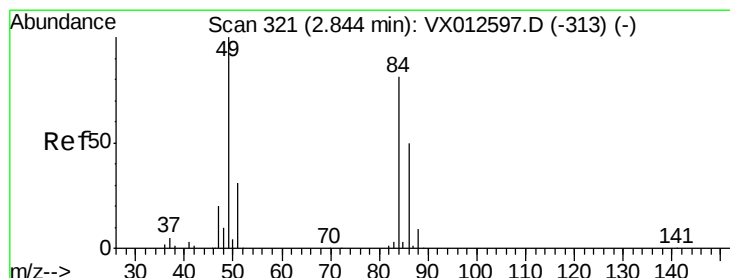
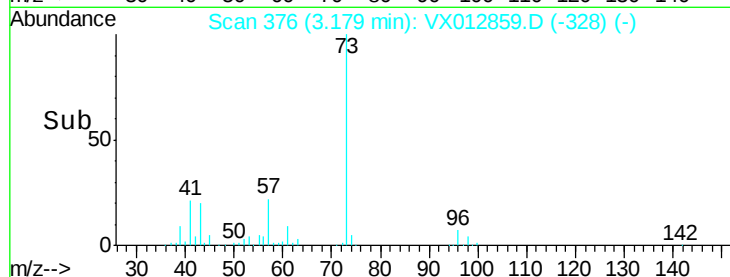
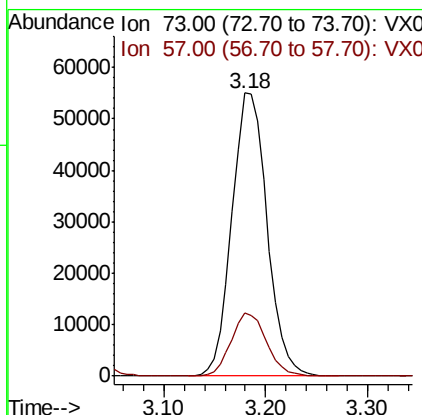
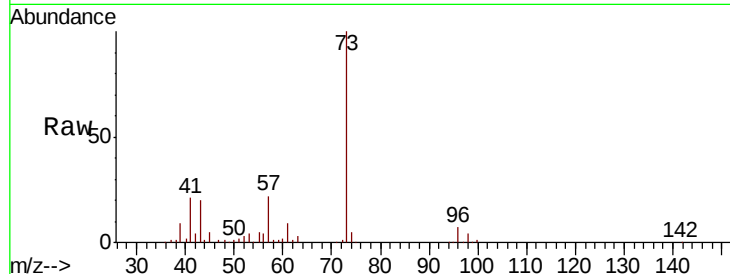
#19
Methyl tert-butyl Ether
Concen: 18.624 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

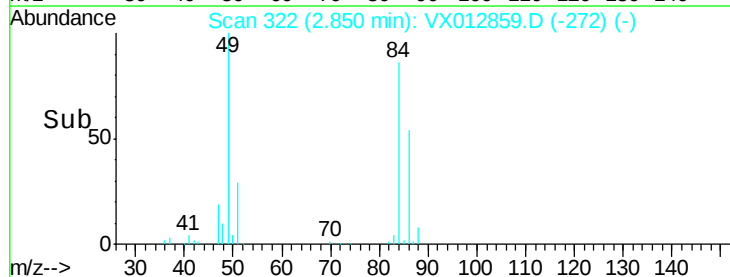
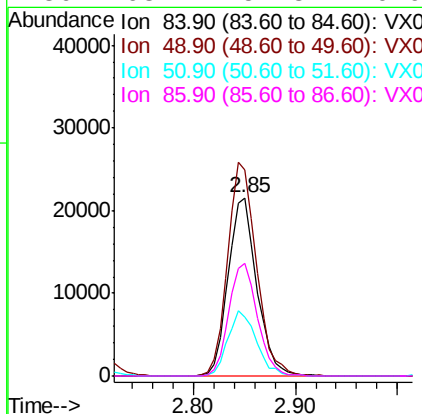
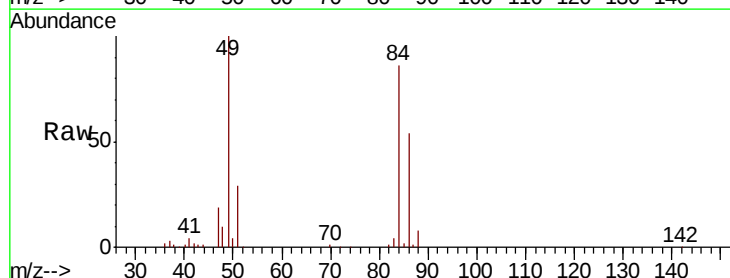
Manual Integrations
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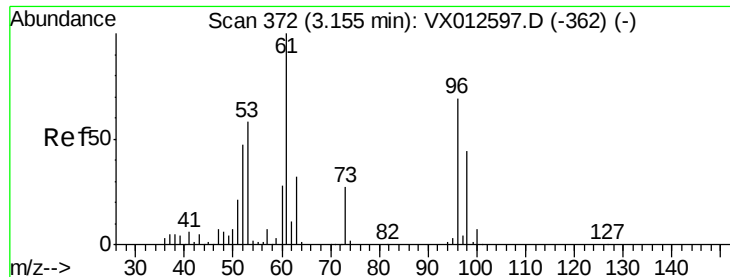
MMDadoda
10/8/2019 2:07:20 PM



#20
Methylene Chloride
Concen: 18.423 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	106.8	160.2
51	33.3	32.3	48.5
86	63.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 18.144 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion: 96 Resp: 37529

Ion Ratio Lower Upper

96 100

61 135.9 112.0 168.0

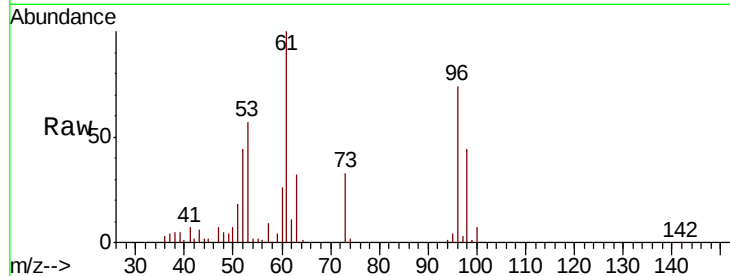
98 60.4 47.8 71.8

Manual Integrations

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MMDadoda

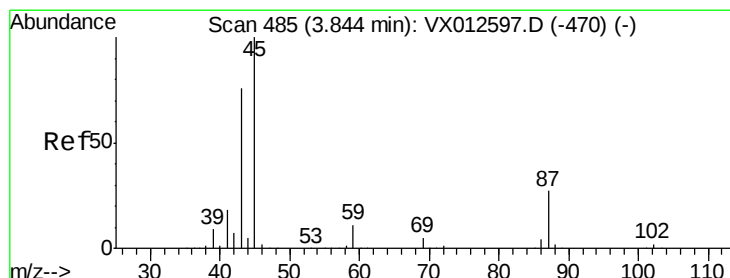
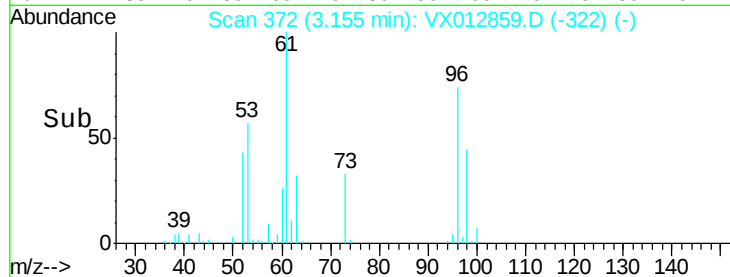
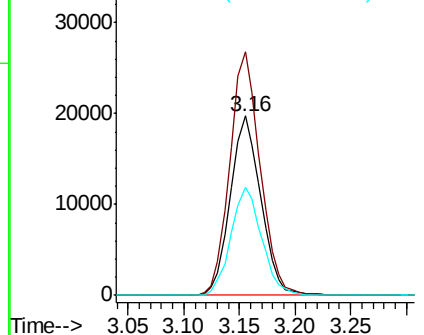
10/8/2019 2:07:20 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.631 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion: 45 Resp: 133348

Ion Ratio Lower Upper

45 100

43 75.6 57.8 86.8

87 27.0 21.3 31.9

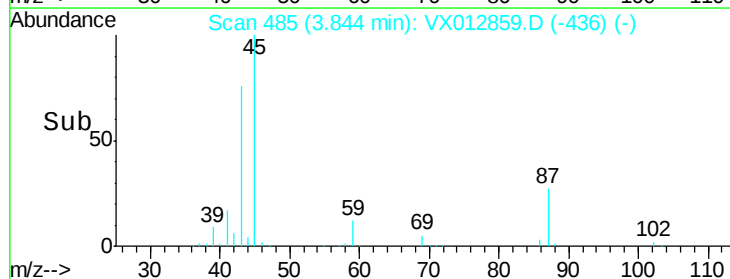
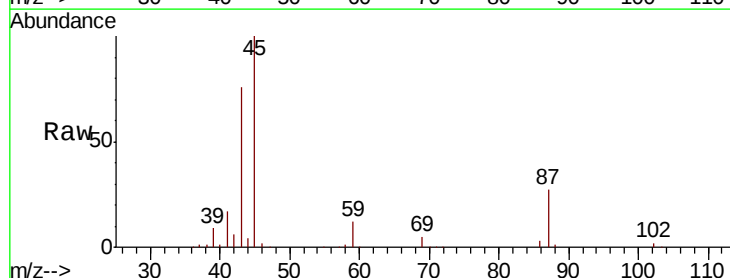
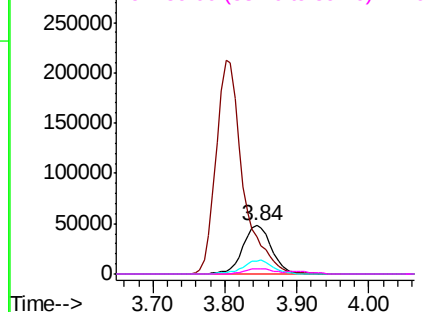
59 11.6 8.5 12.7

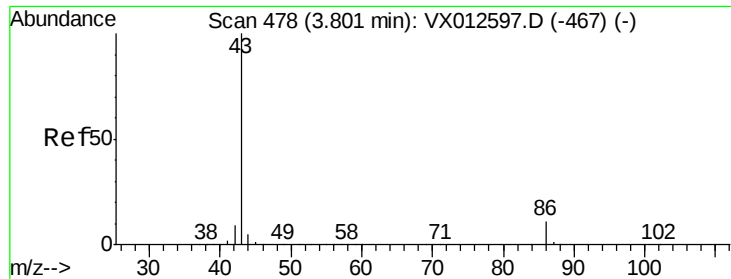
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





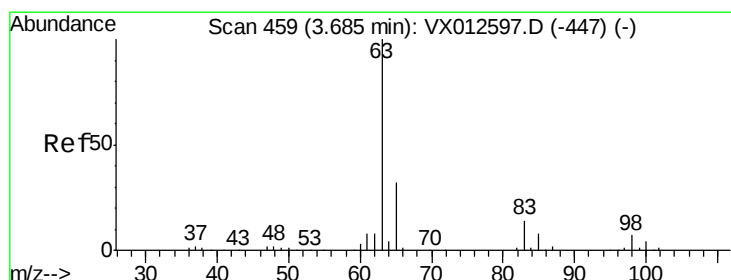
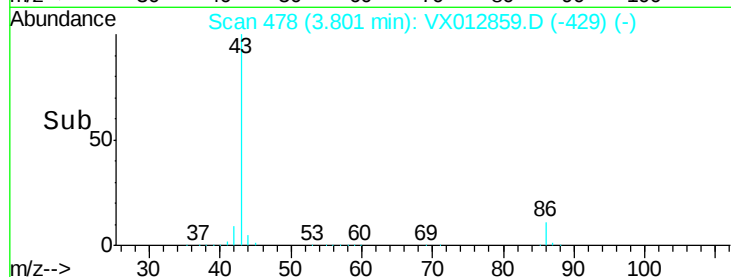
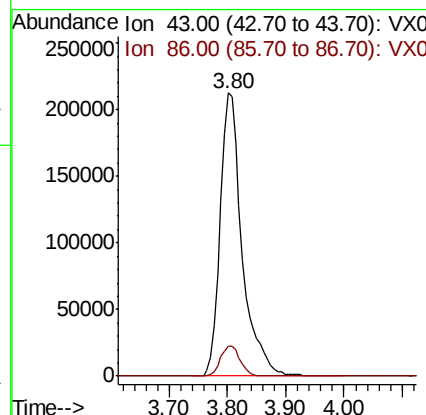
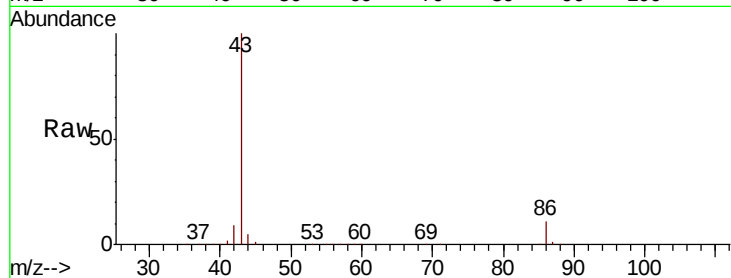
#23
 Vinyl Acetate
 Concen: 88.064 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.8	7.8	11.8

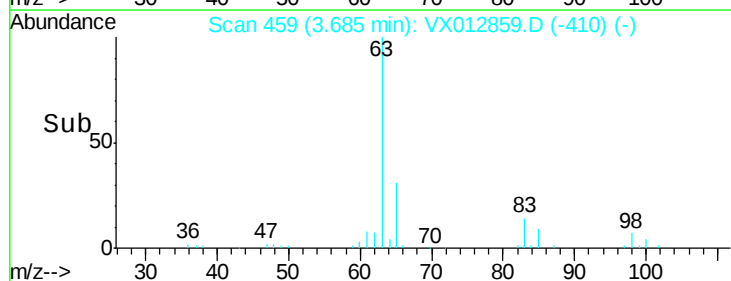
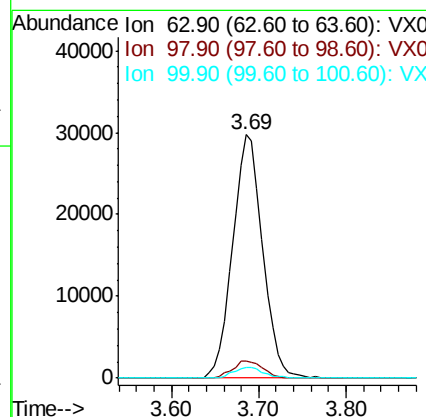
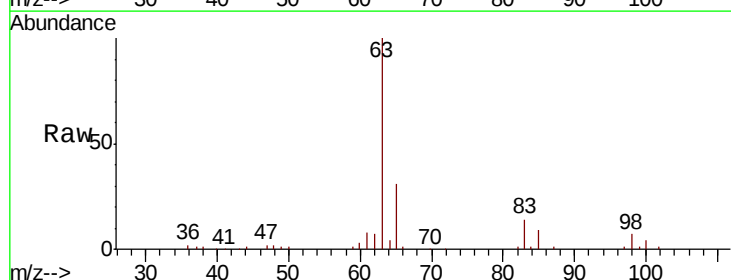
Manual Integrations
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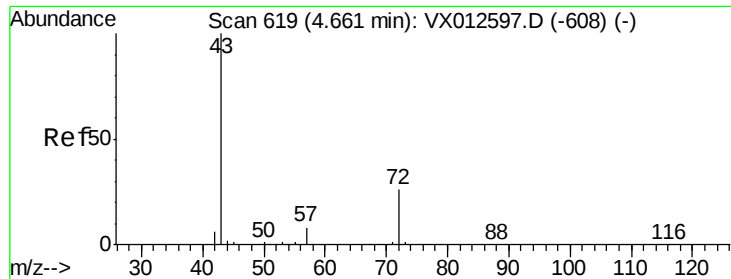
MMDadoda
 10/8/2019 2:07:20 PM



#24
 1,1-Dichloroethane
 Concen: 18.191 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.9	11.7
100	4.3	2.3	6.9





#25

2-Butanone

Concen: 85.963 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion: 43 Resp: 165089

Ion Ratio Lower Upper

43 100

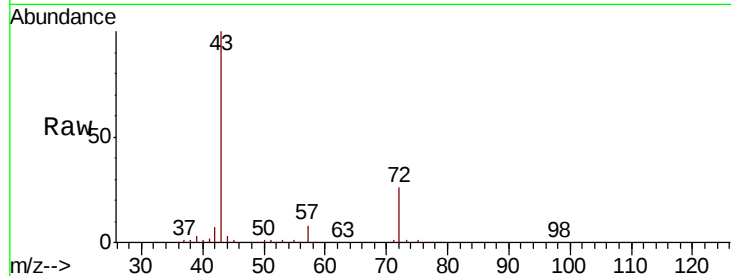
72 26.0 19.2 28.8

Manual Integrations

APPROVED

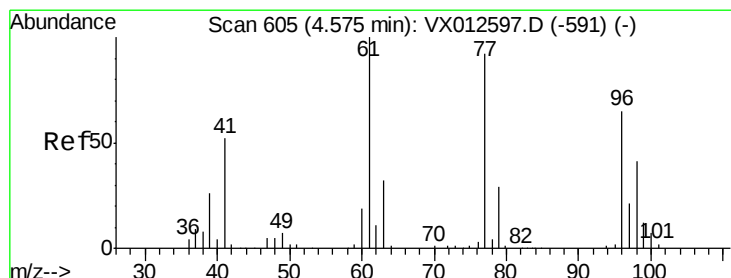
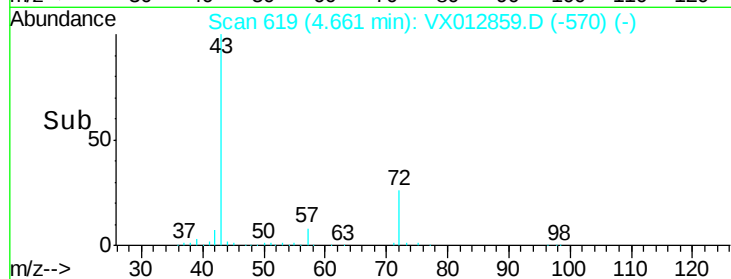
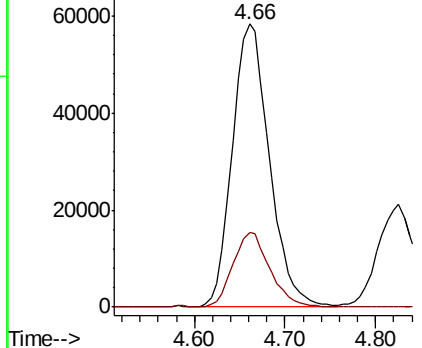
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.842 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012859.D

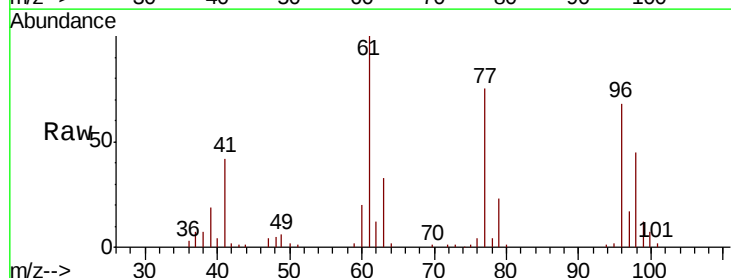
Acq: 08 Oct 2019 00:10

Tgt Ion: 77 Resp: 47897

Ion Ratio Lower Upper

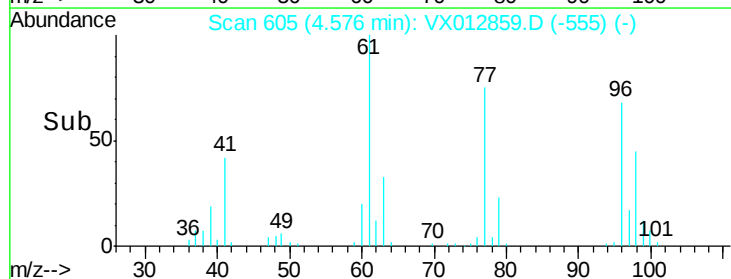
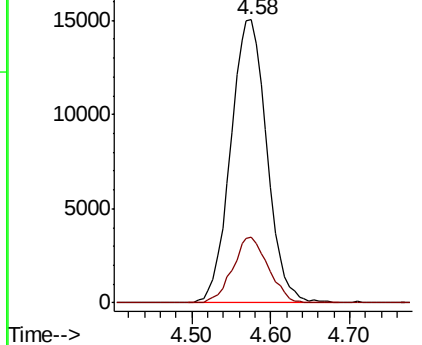
77 100

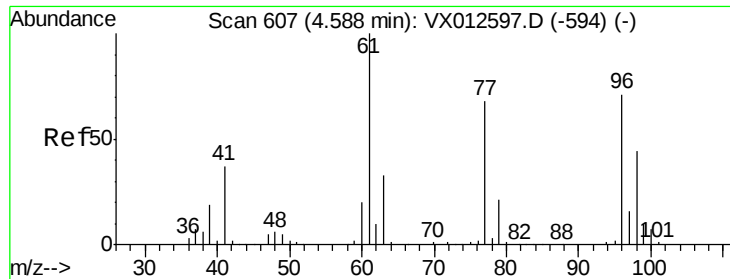
97 22.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

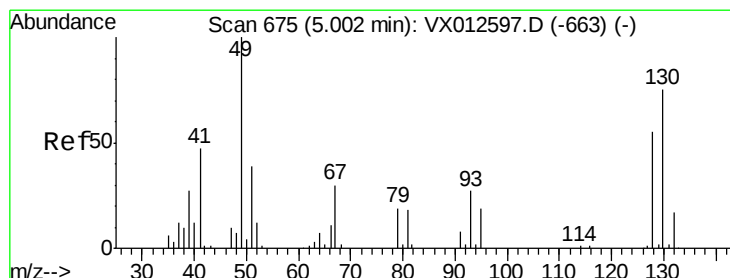
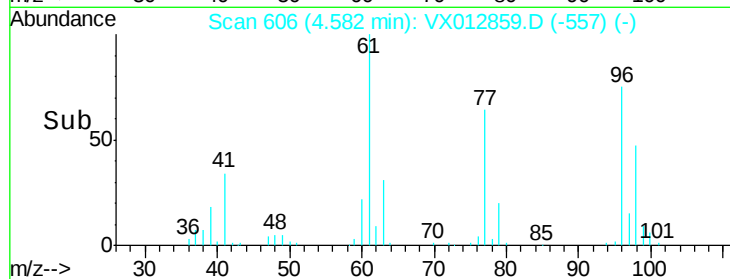
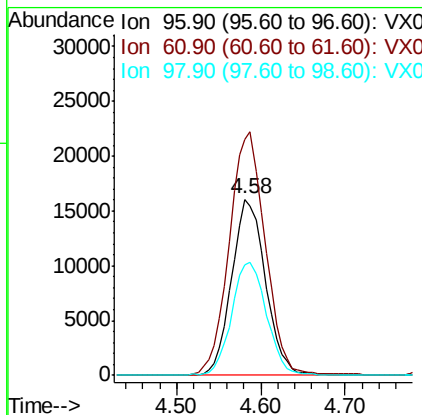
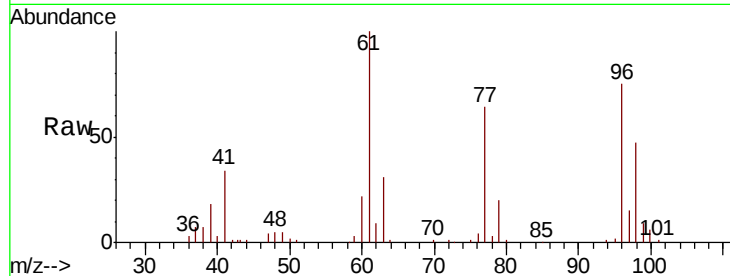
cis-1,2-Dichloroethene
Concen: 18.247 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	319.4
98	66.0	0.0	130.6

Manual Integrations
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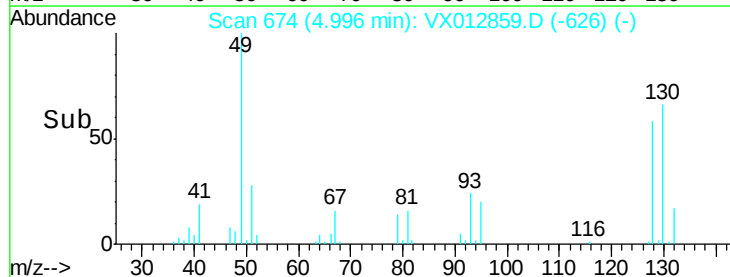
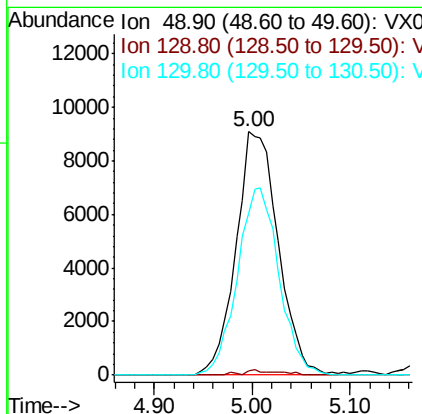
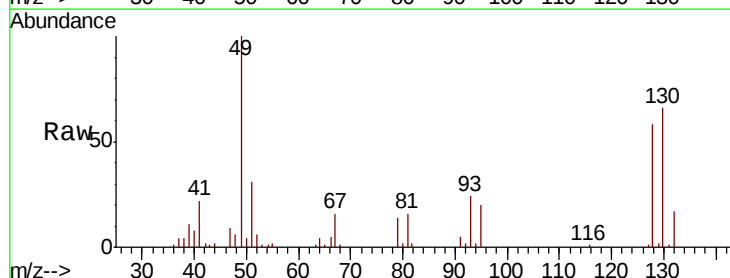
MMDadoda
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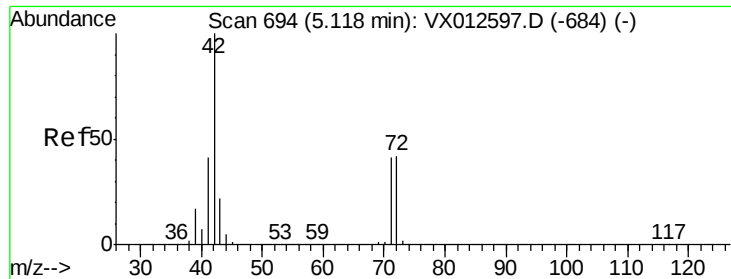


#28

Bromochloromethane
Concen: 19.264 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	75.6	58.2	87.4





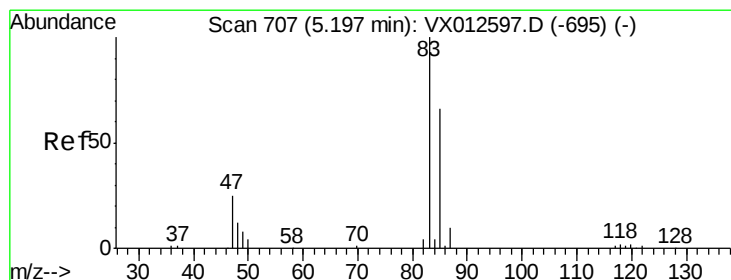
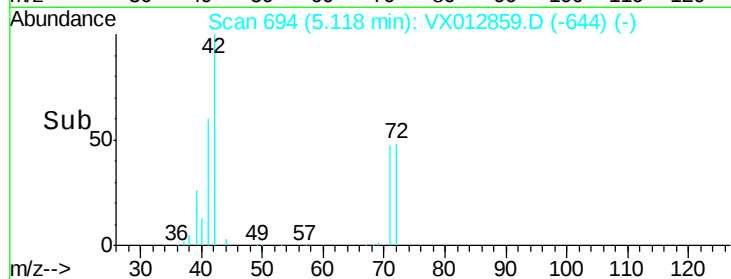
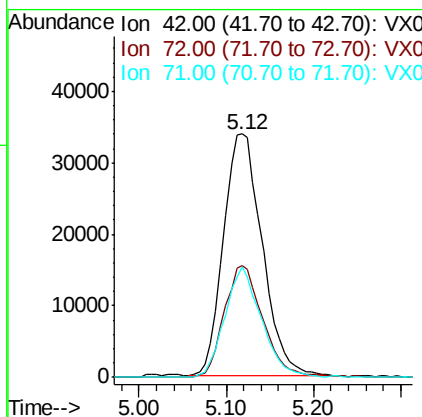
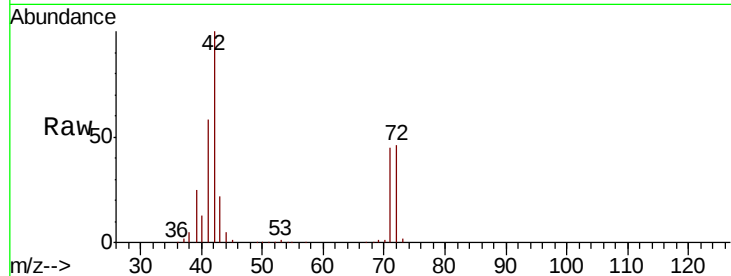
#29
Tetrahydrofuran
Concen: 89.469 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	34.0	51.0
71	42.9	31.5	47.3

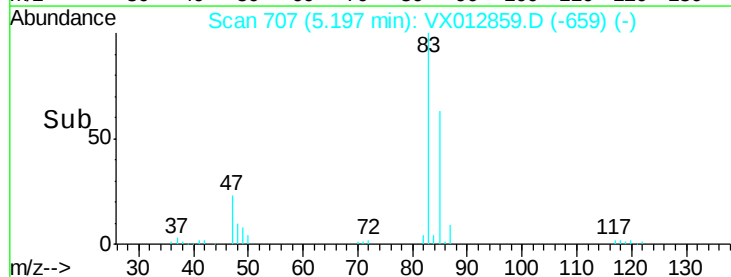
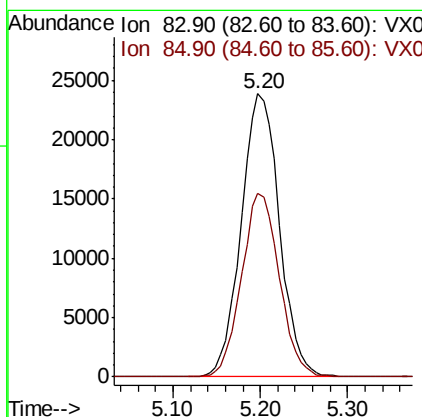
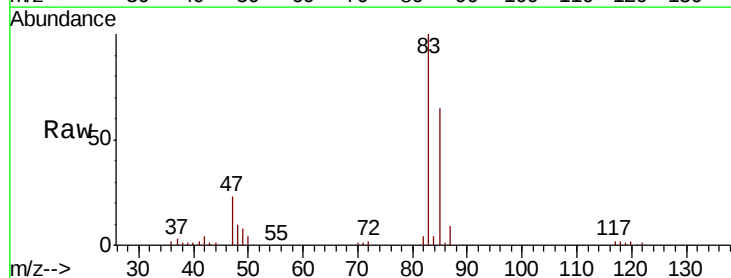
Manual Integrations
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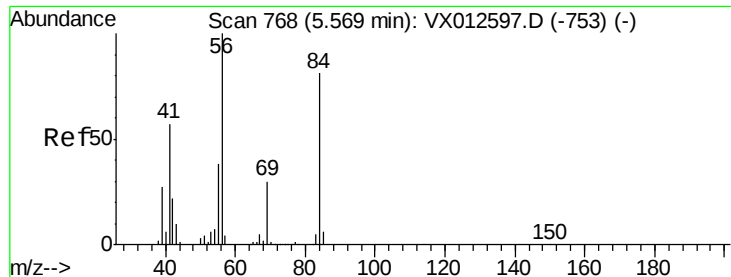
MMDadoda
10/8/2019 2:07:20 PM



#30
Chloroform
Concen: 18.185 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.0	79.4





#31

Cyclohexane

Concen: 17.557 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

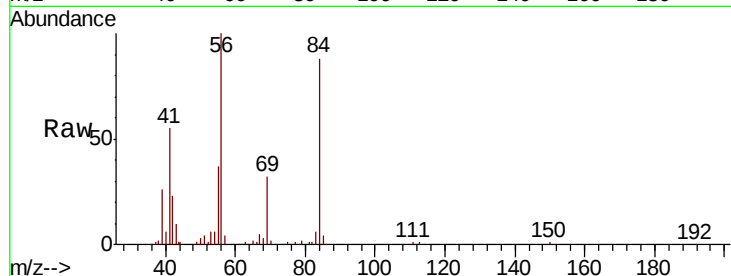
ClientSampleId :

VX1007WBSD02

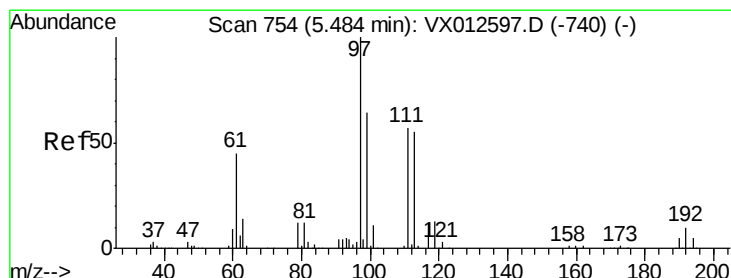
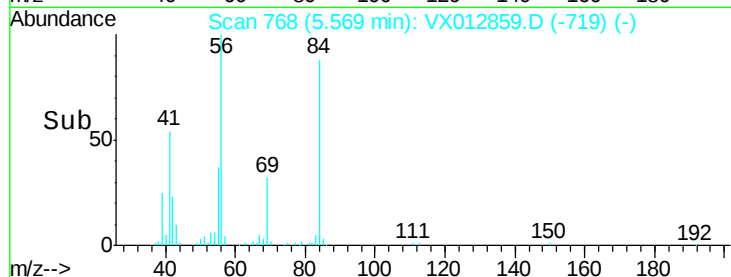
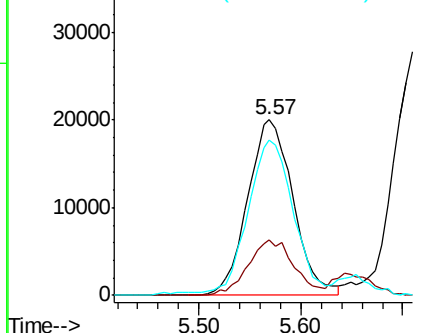
Tot Ion:	56	Resp:	61797
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.0	37.6
84	86.2	66.4	99.6

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.779 ug/l

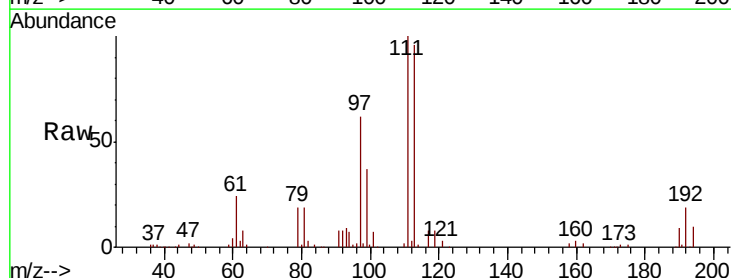
RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

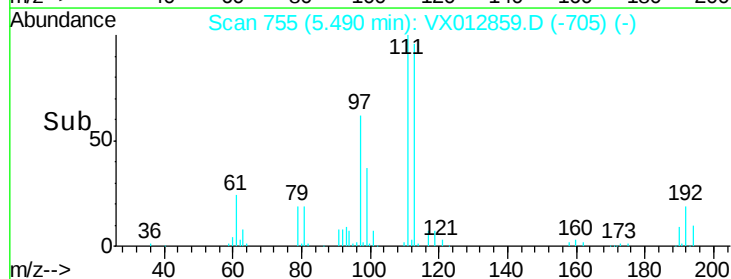
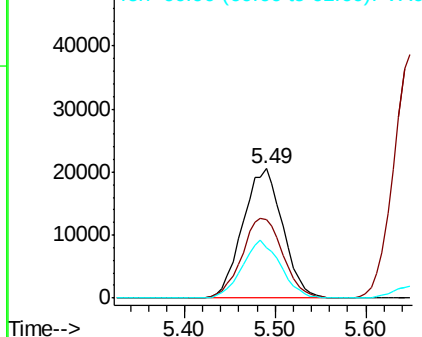
Lab File: VX012859.D

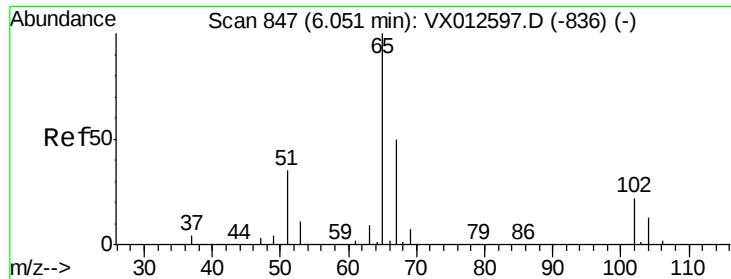
Acq: 08 Oct 2019 00:10

Tgt Ion:	97	Resp:	62719
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	42.9	36.1	54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





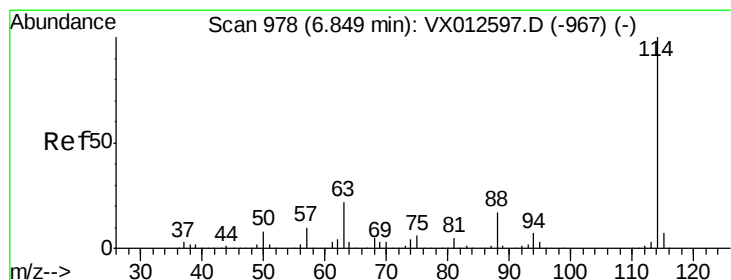
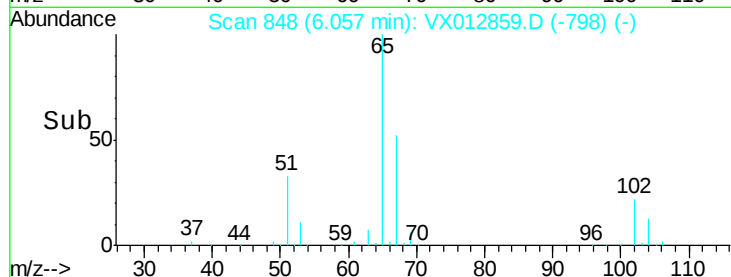
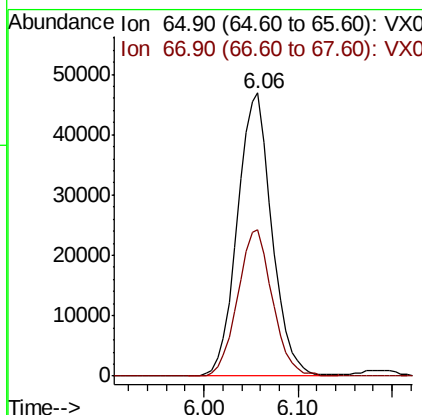
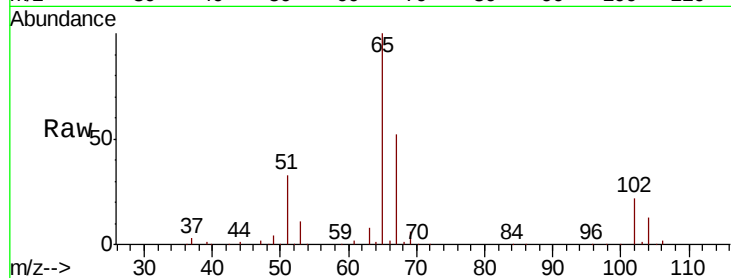
#33
 1,2-Dichloroethane-d4
 Concen: 47.400 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	101.2

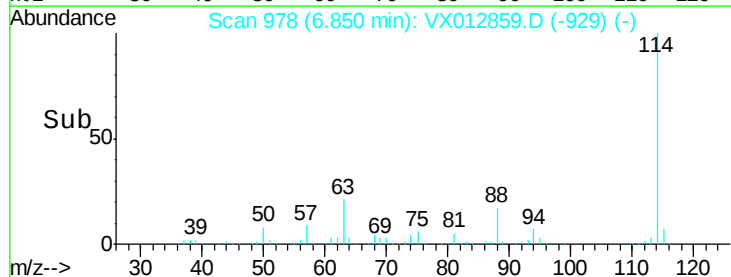
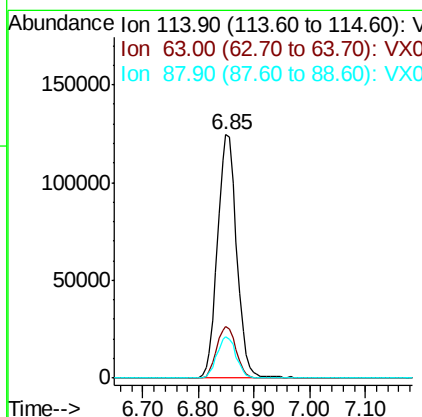
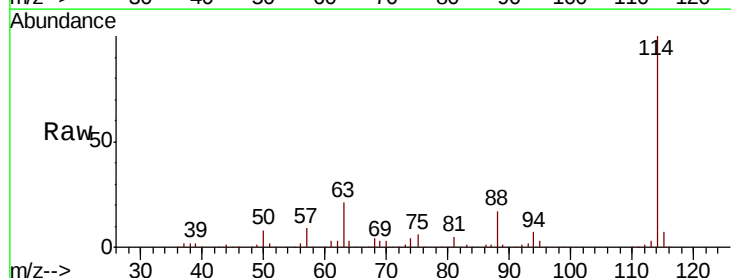
Manual Integrations
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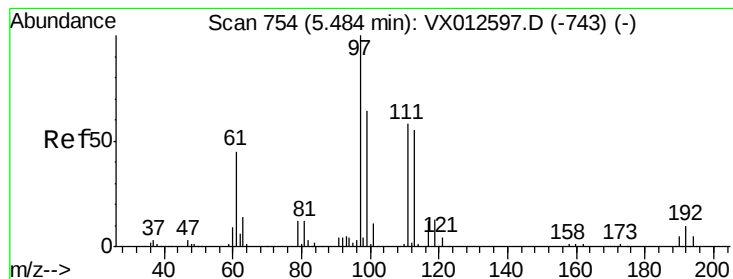
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	17.1	0.0	33.2





#35

Dibromofluoromethane

Concen: 52.579 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

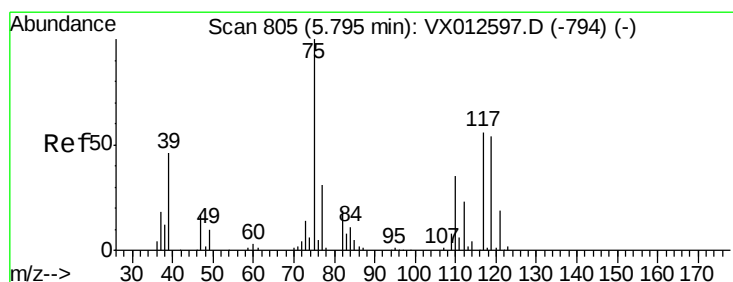
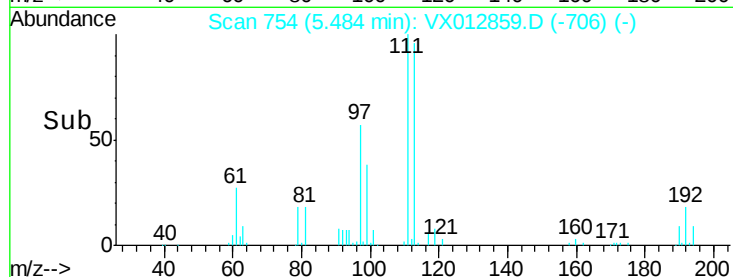
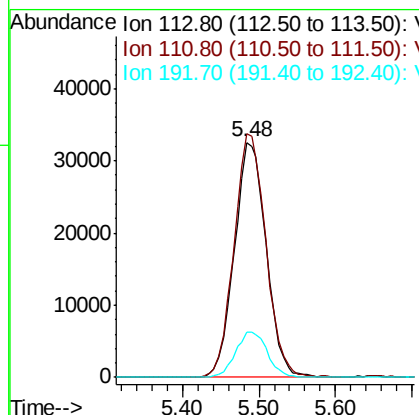
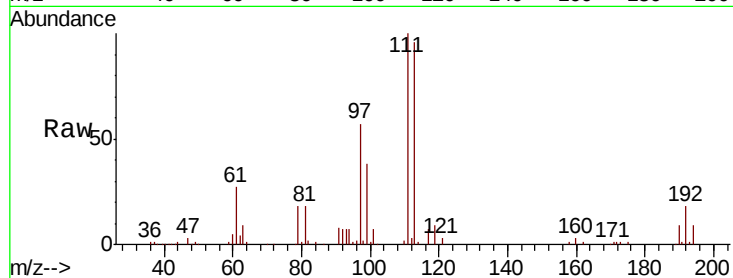
ClientSampleId :

VX1007WBSD02

Tot Ion:	113	Resp:	93572
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.2
192	19.4	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 17.802 ug/l

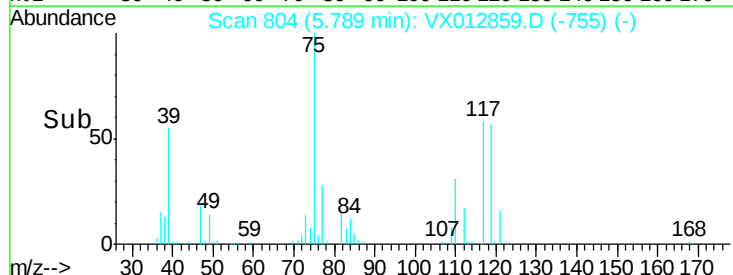
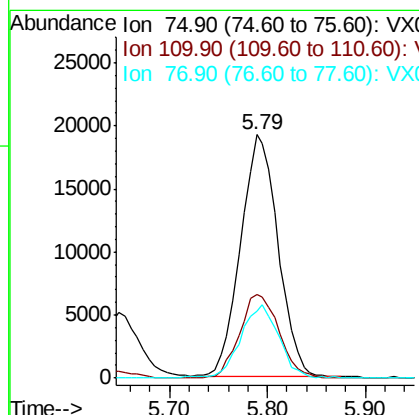
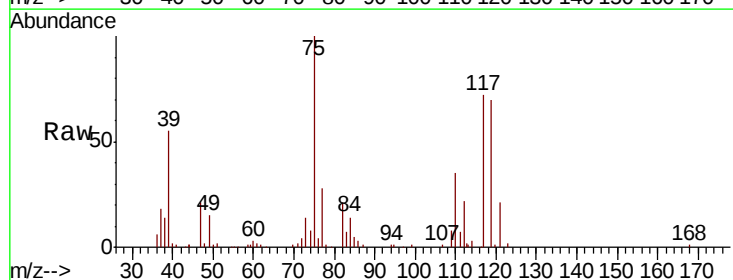
RT: 5.79 min Scan# 804

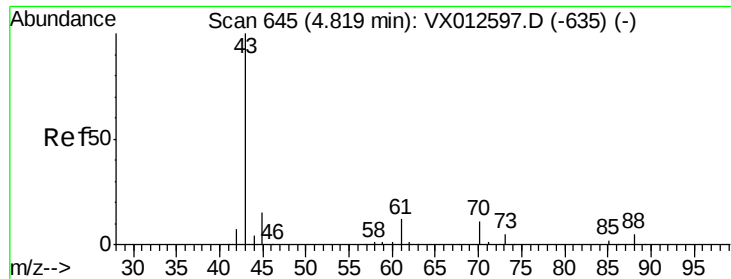
Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion:	75	Resp:	51277
Ion	Ratio	Lower	Upper
75	100		
110	36.3	16.7	50.0
77	29.9	24.2	36.2





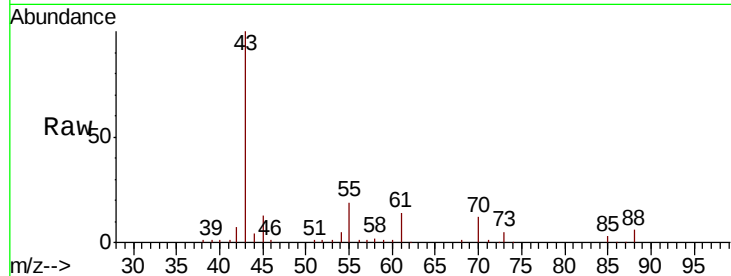
#37
Ethyl Acetate
Concen: 18.411 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.2	15.4
70	12.2	8.7	13.1

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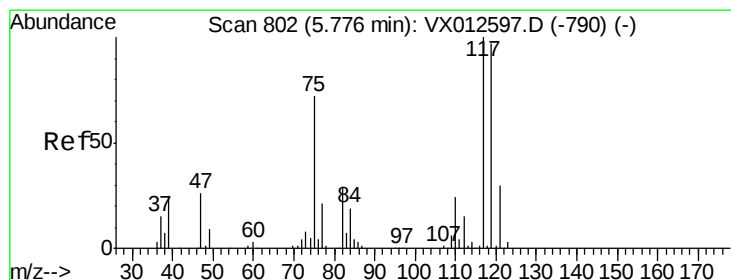
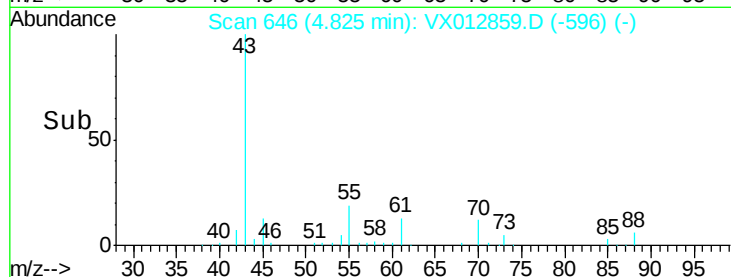
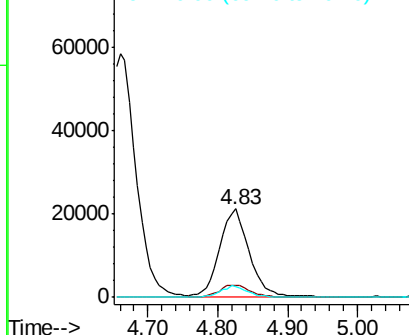


Abundance

Ion 43.00 (42.70 to 43.70): VX0

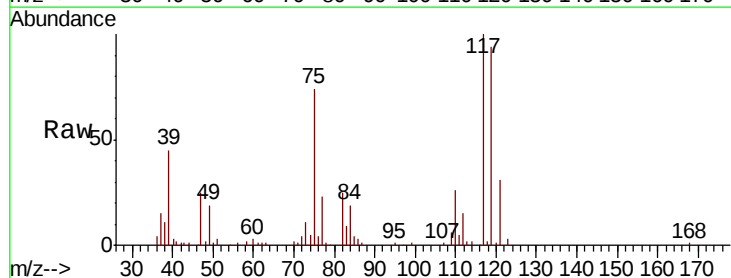
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 17.711 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.7	113.5
121	31.4	24.2	36.4

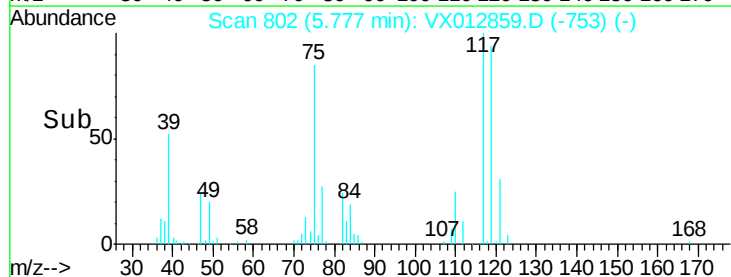
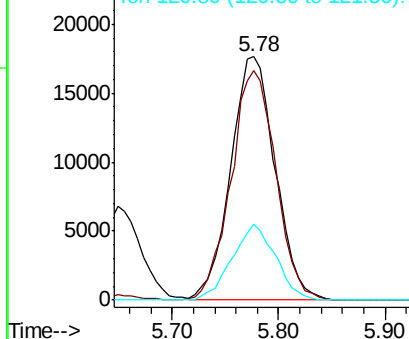


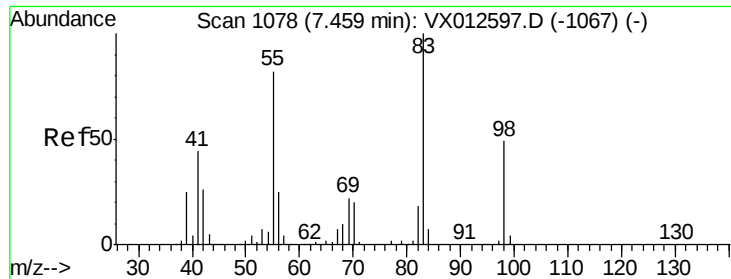
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





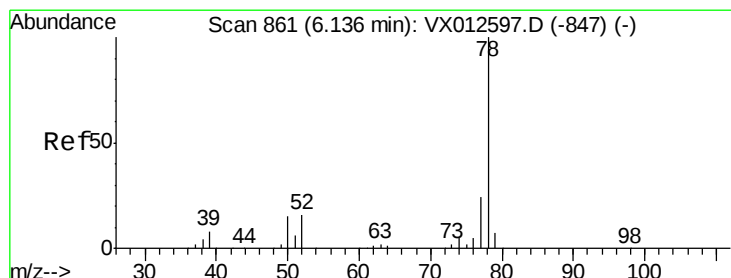
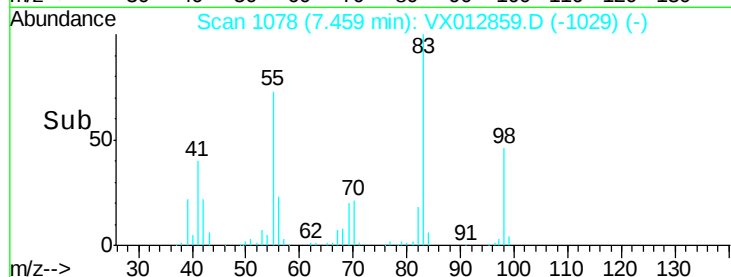
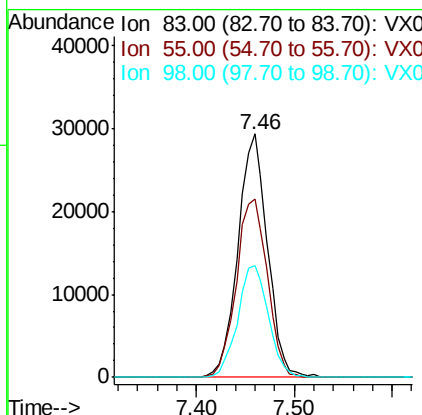
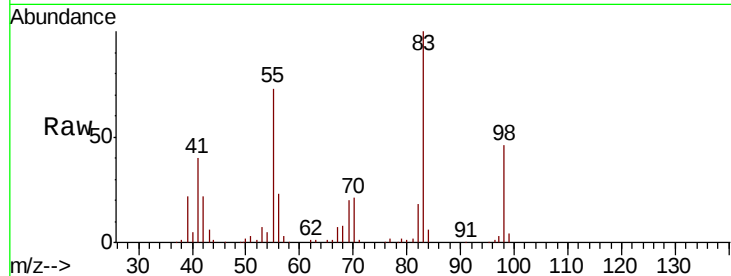
#39
Methvlcvclohexane
Concen: 17.742 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	64.4	96.6
98	46.0	40.1	60.1

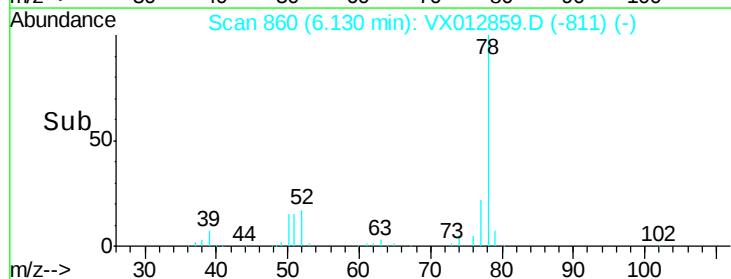
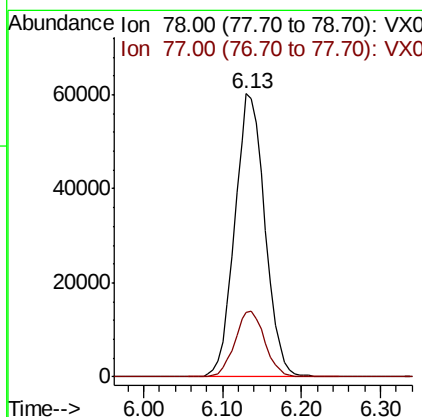
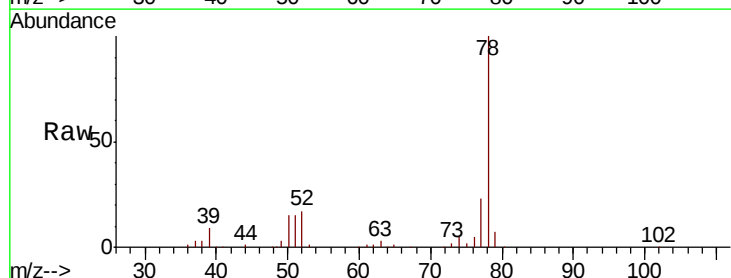
Manual Integrations
APPROVED

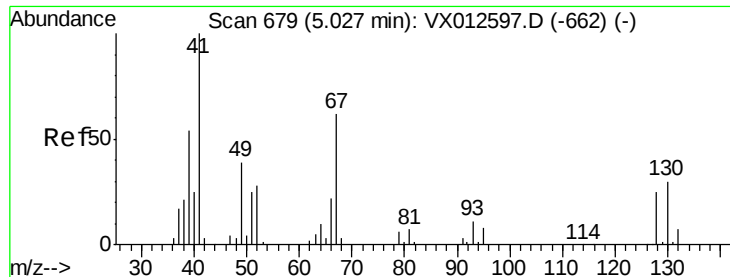
MMDadoda
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#40
Benzene
Concen: 18.815 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





#41

Methacrylonitrile

Concen: 17.973 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion: 41 Resp: 33957

Ion Ratio Lower Upper

41 100

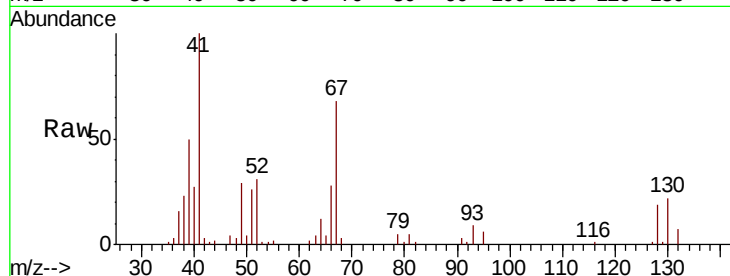
39 55.7 46.0 69.0

67 72.1 52.2 78.2

52 30.4 22.7 34.1

Manual Integrations
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MMDadoda
10/8/2019 2:07:20 PM

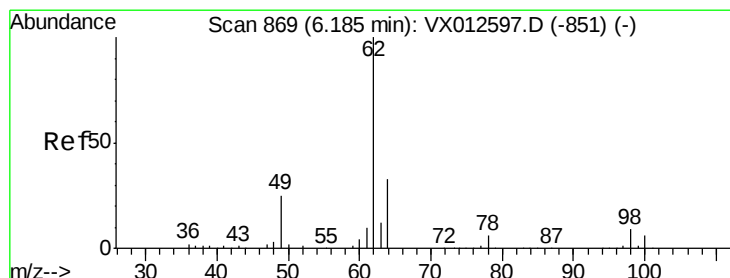
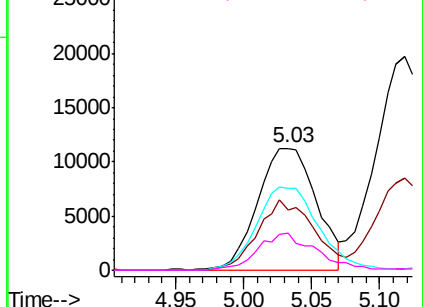
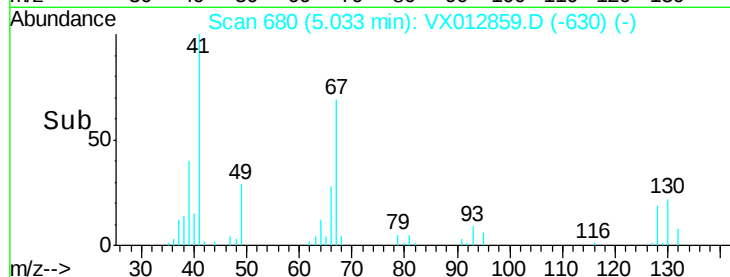


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.125 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012859.D

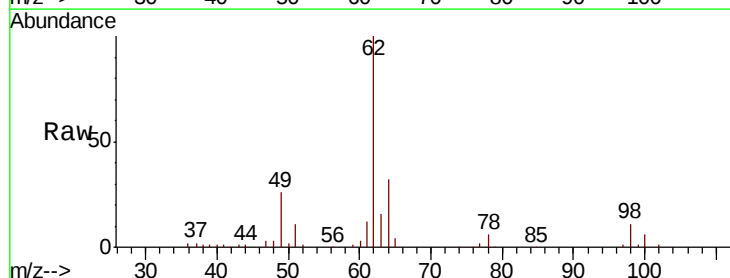
Acq: 08 Oct 2019 00:10

Tgt Ion: 62 Resp: 58331

Ion Ratio Lower Upper

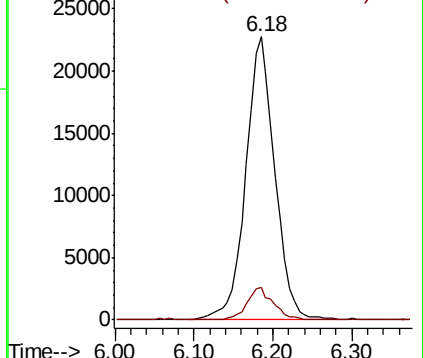
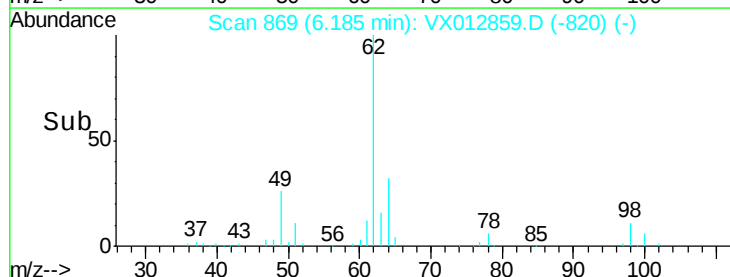
62 100

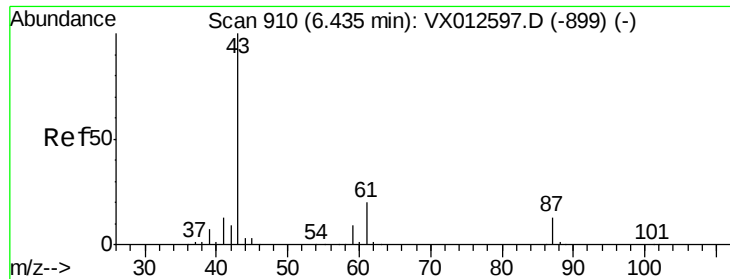
98 10.3 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

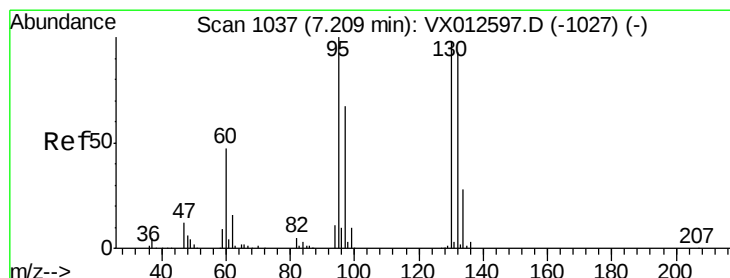
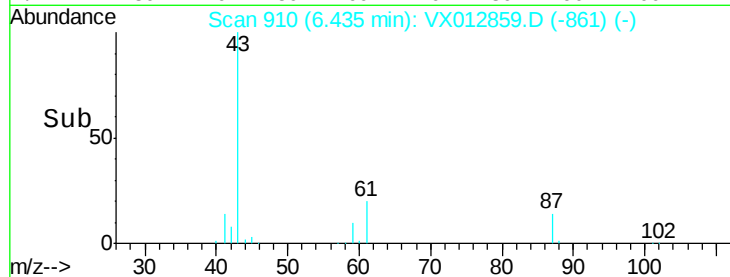
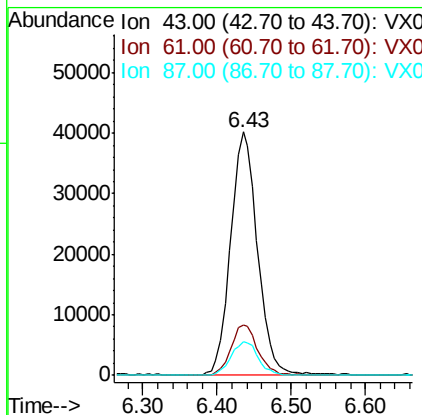
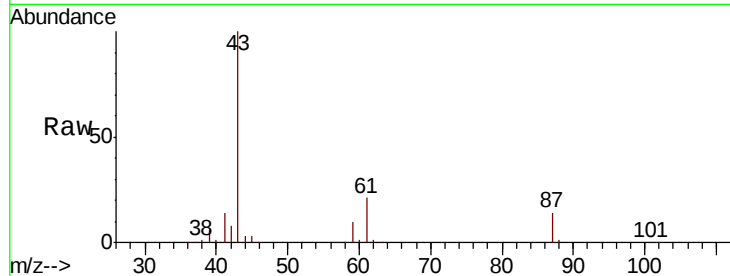
Isopropyl Acetate
 Concen: 18.144 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion	43	61	87
Resp	102177		
Ratio	100	20.9	13.8
Lower		15.4	9.8
Upper		23.0	14.8

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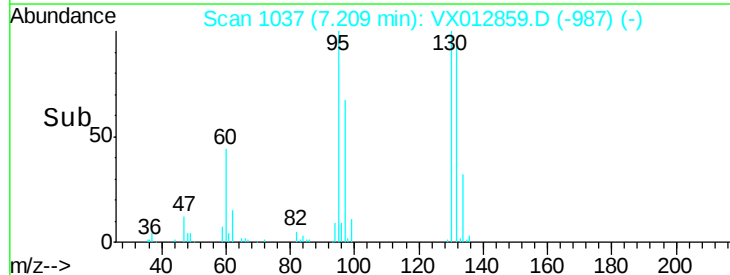
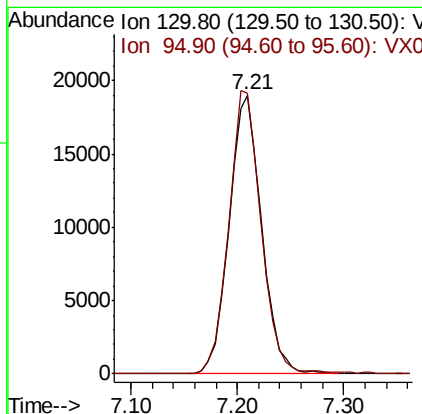
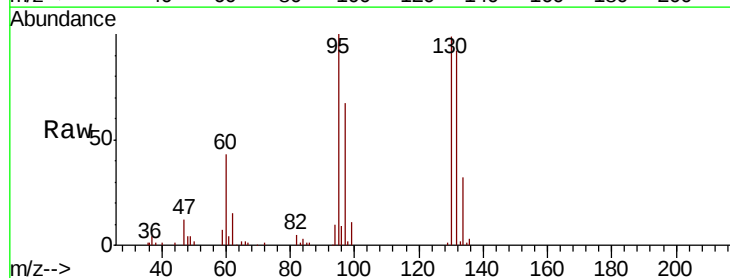
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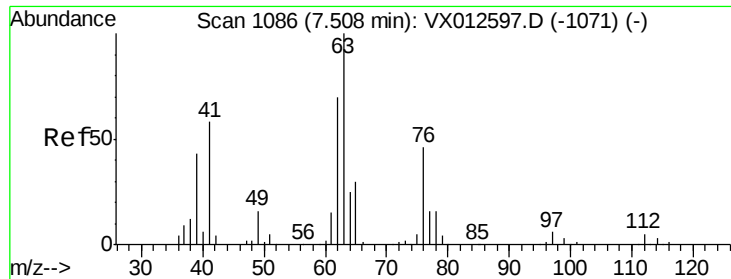


#44

Trichloroethene
 Concen: 18.646 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion	130	95
Resp	40398	
Ratio	100	100.8
Lower		0.0
Upper		193.0





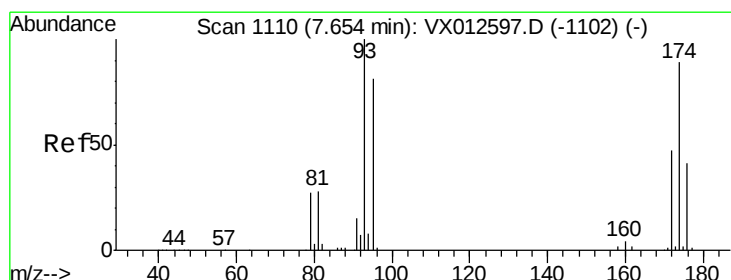
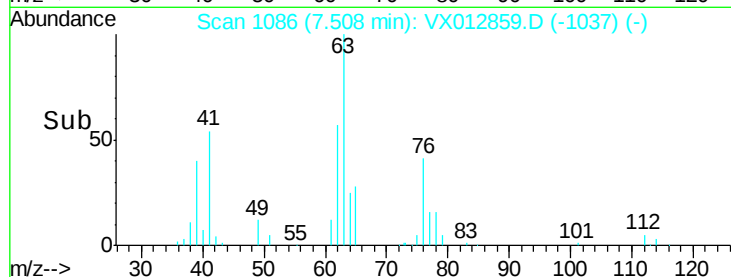
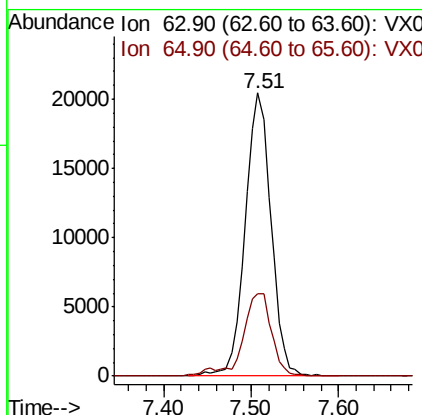
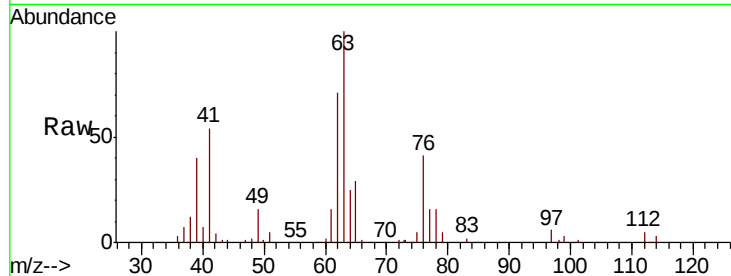
#45
 1,2-Dichloropropane
 Concen: 19.293 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion: 63 Resp: 41861
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.0 37.6

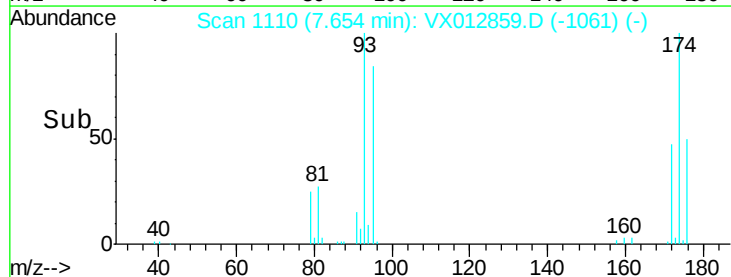
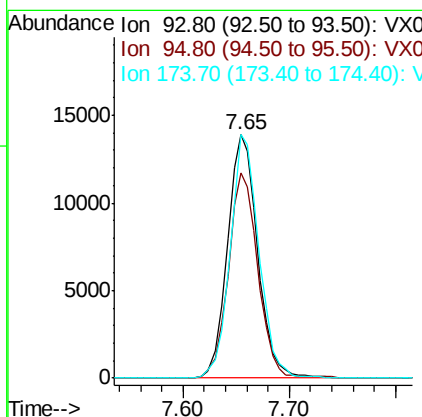
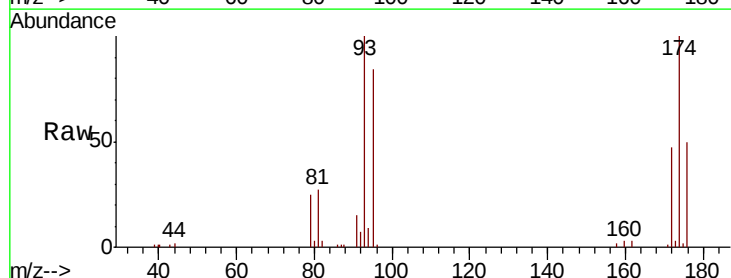
Manual Integrations
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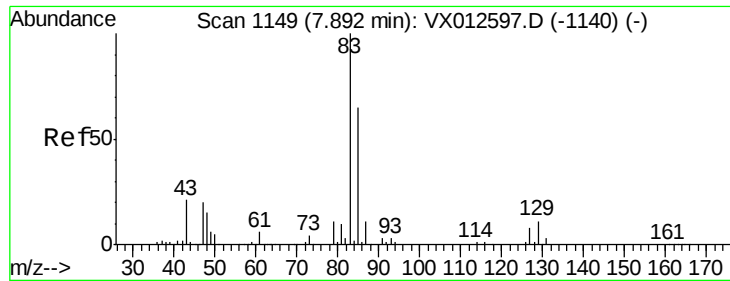
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#46
 Dibromomethane
 Concen: 18.622 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion: 93 Resp: 27510
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 100.0
 174 95.4 77.4 116.0





#47

Bromodichloromethane

Concen: 18.364 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

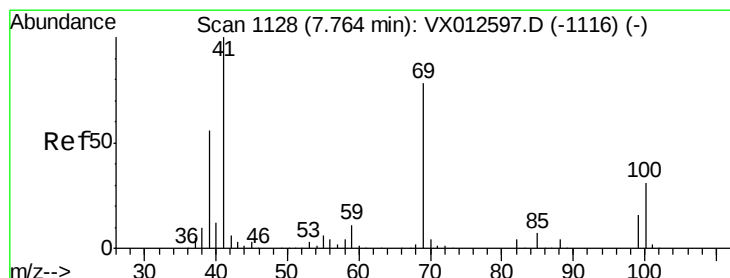
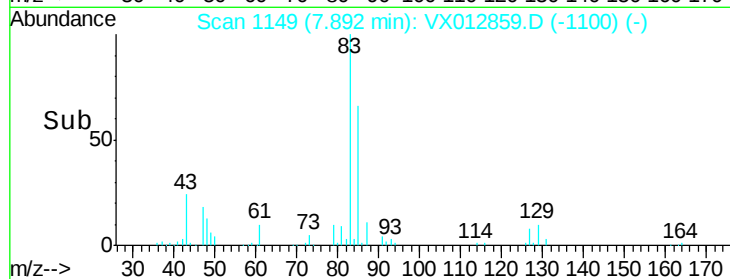
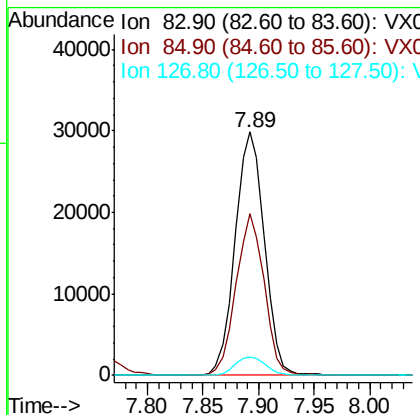
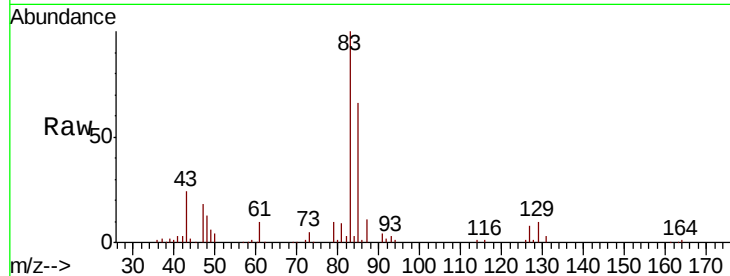
ClientSampleId :

VX1007WBSD02

Tot Ion:	83	Resp:	54222
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.6
127	7.6	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.452 ug/l

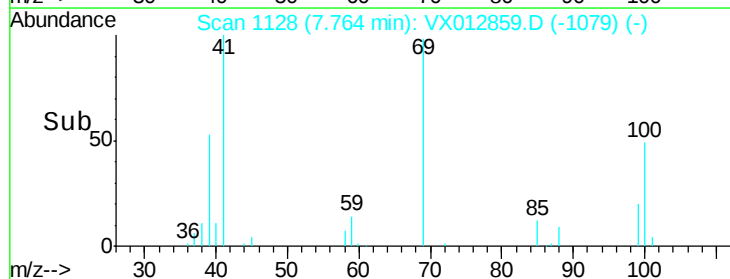
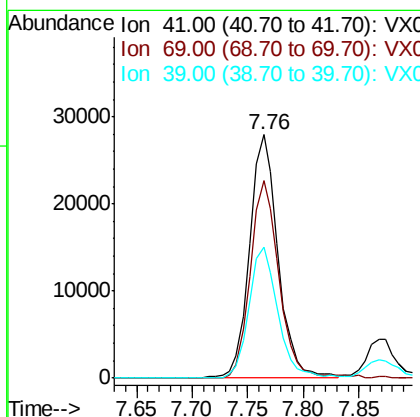
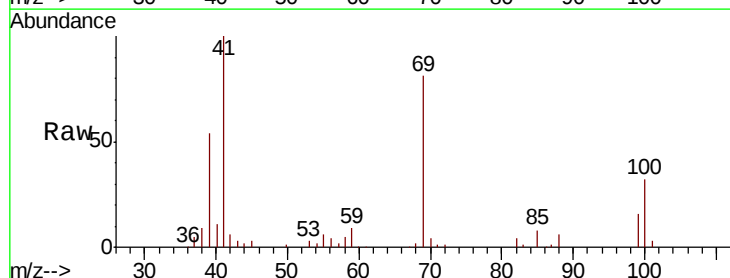
RT: 7.76 min Scan# 1128

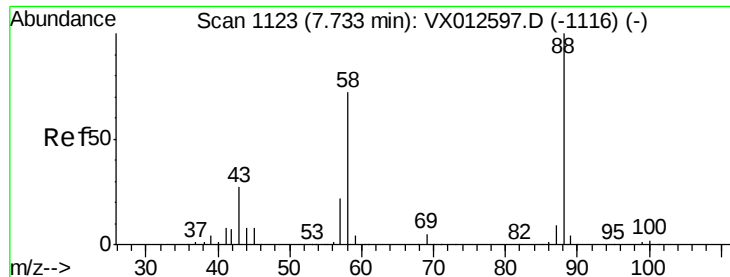
Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion:	41	Resp:	49825
Ion	Ratio	Lower	Upper
41	100		
69	81.9	59.9	89.9
39	54.6	47.8	71.6





#49

1,4-Dioxane

Concen: 380.953 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

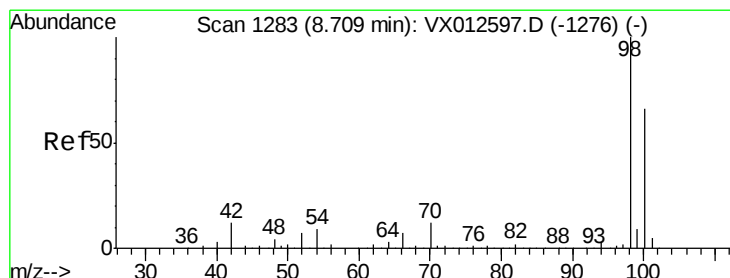
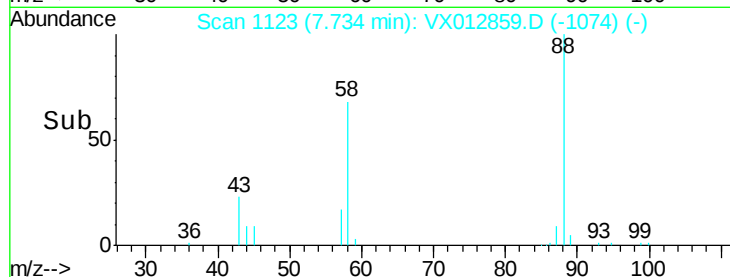
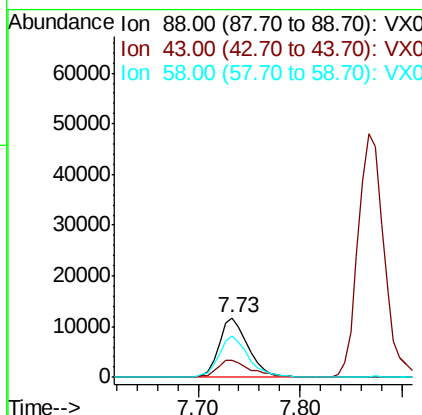
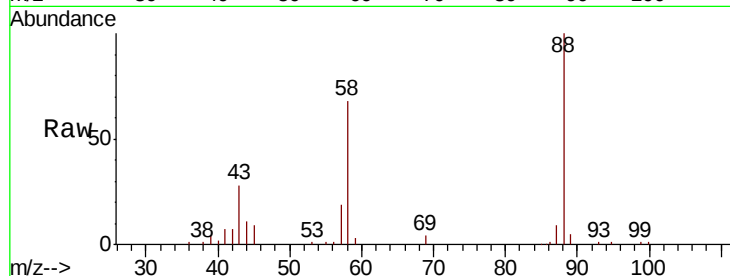
ClientSampleId :

VX1007WBSD02

Tot Ion:	88	Resp:	23332
Ion	Ratio	Lower	Upper
88	100		
43	34.0	29.4	44.0
58	70.5	57.5	86.3

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#50

Toluene-d8

Concen: 51.620 ug/l

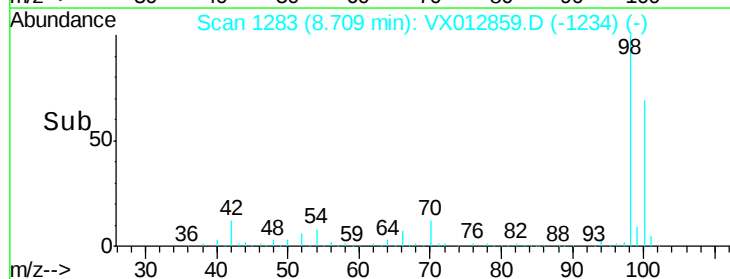
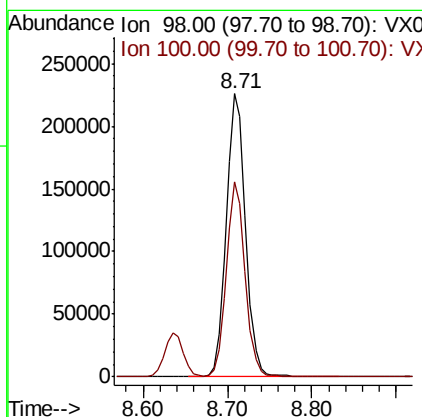
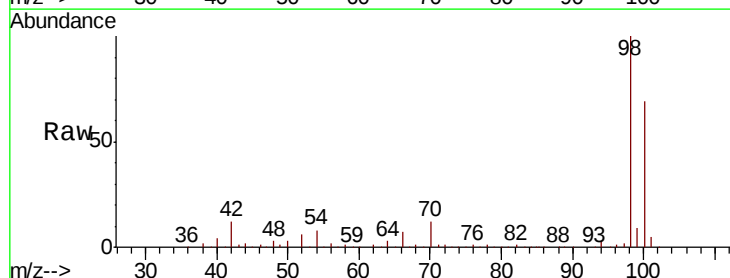
RT: 8.71 min Scan# 1283

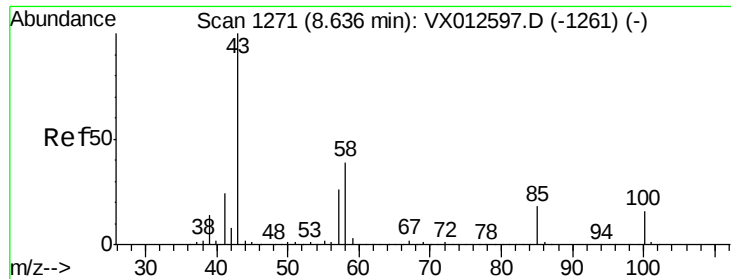
Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion:	98	Resp:	353782
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 93.628 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion: 43 Resp: 325470

Ion Ratio Lower Upper

43 100

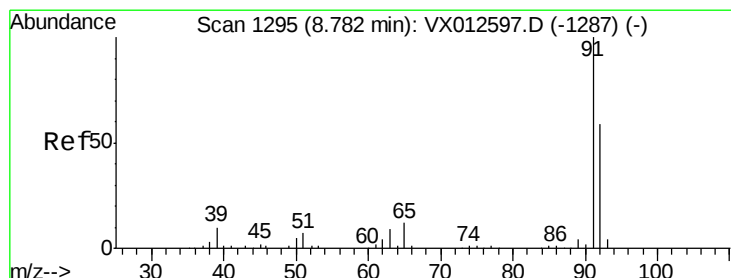
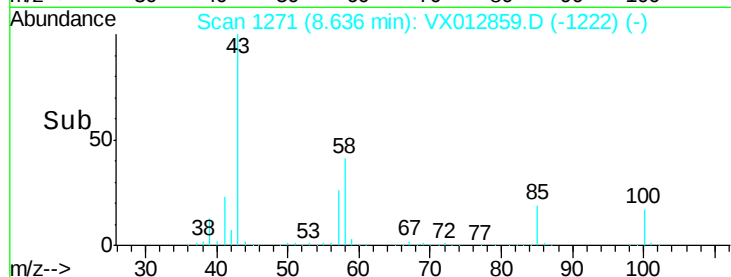
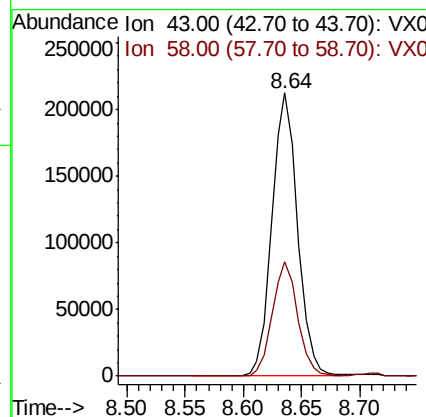
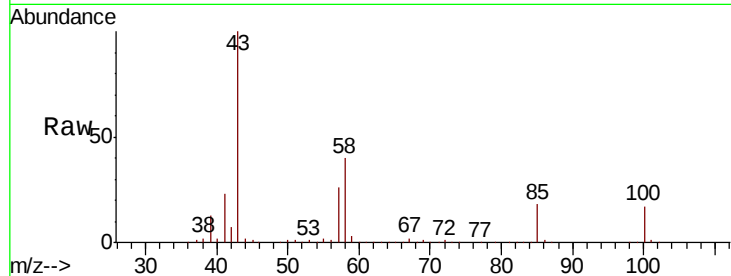
58 39.9 29.8 44.6

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#52

Toluene

Concen: 19.097 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012859.D

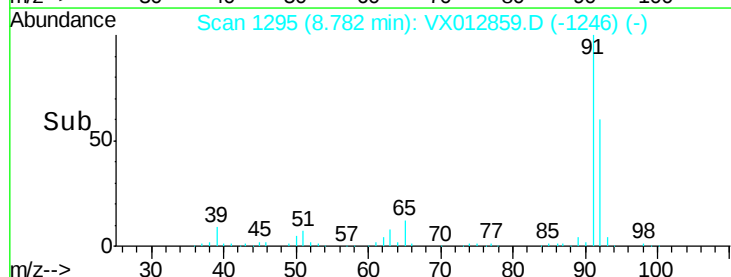
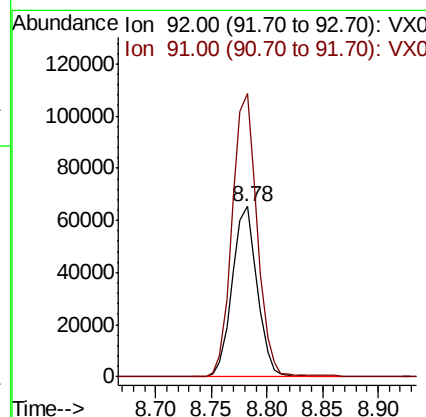
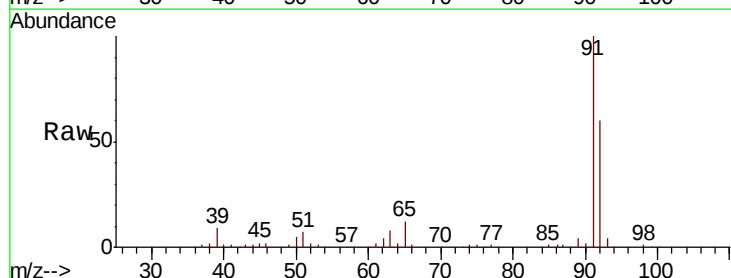
Acq: 08 Oct 2019 00:10

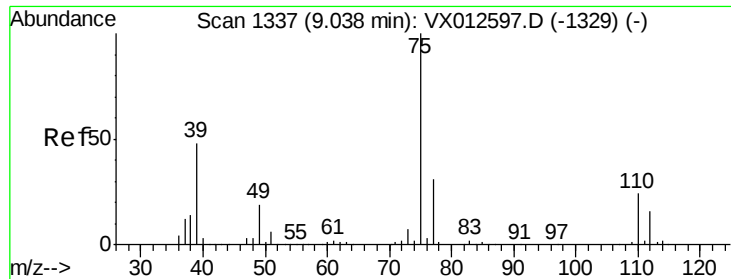
Tgt Ion: 92 Resp: 101719

Ion Ratio Lower Upper

92 100

91 166.5 135.4 203.0





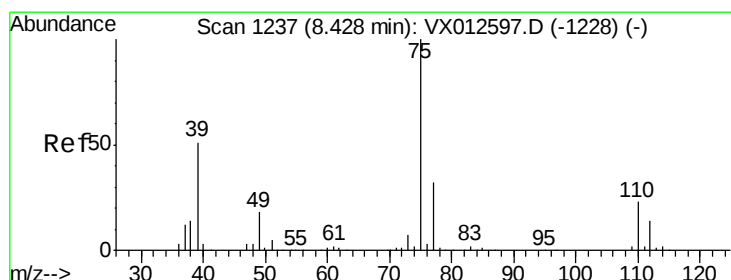
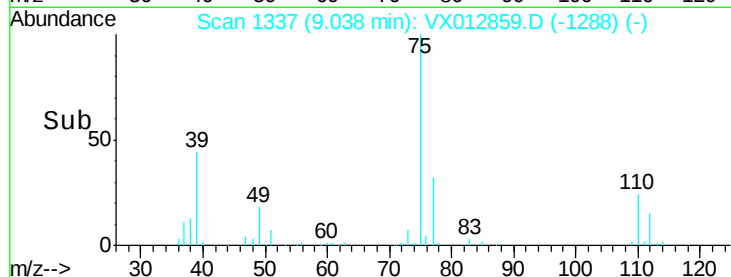
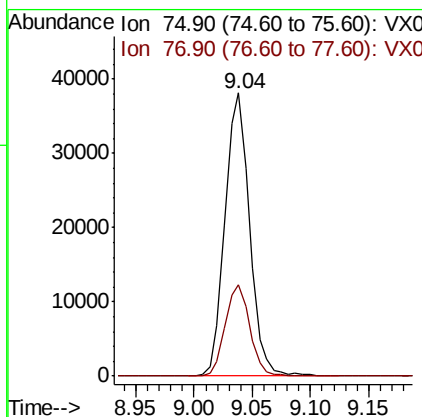
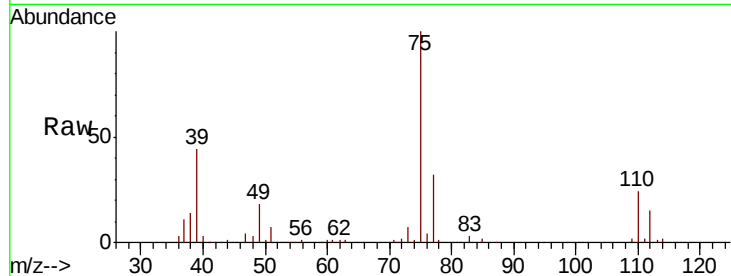
#53
 t-1,3-Dichloropropene
 Concen: 17.148 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion: 75 Resp: 56019
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8

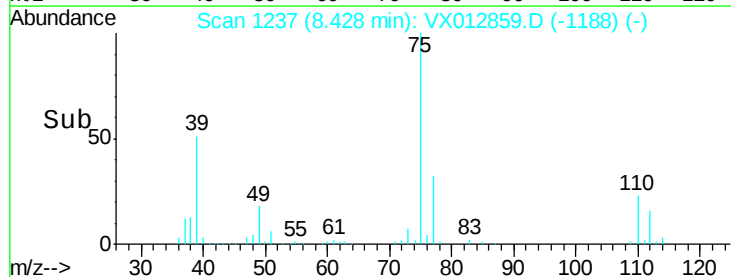
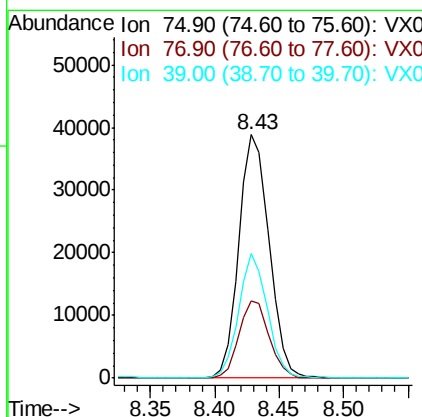
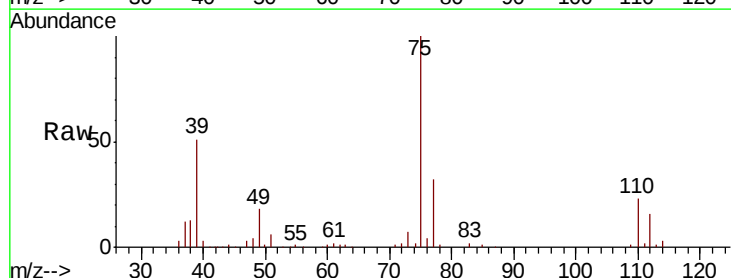
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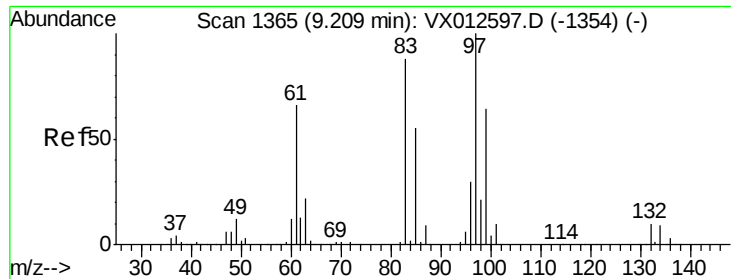
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#54
 cis-1,3-Dichloropropene
 Concen: 17.722 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion: 75 Resp: 63211
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 50.8 45.5 68.3





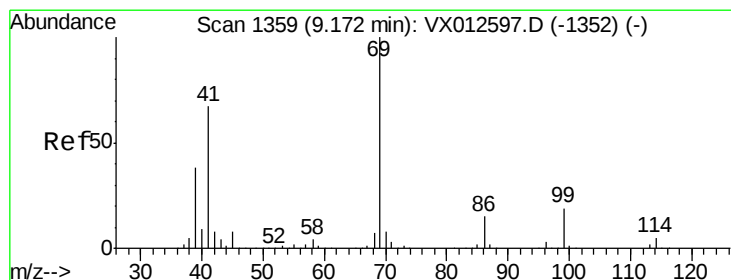
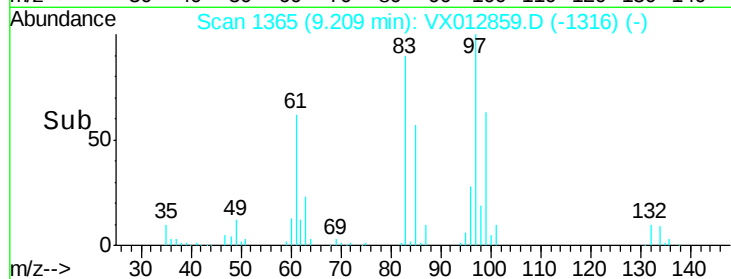
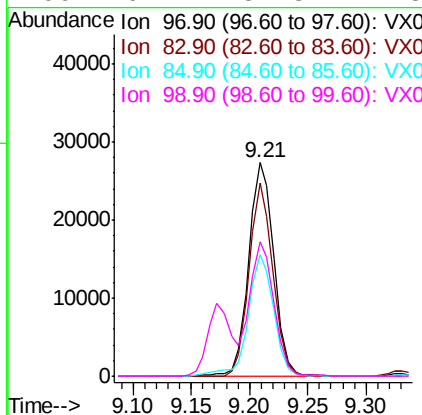
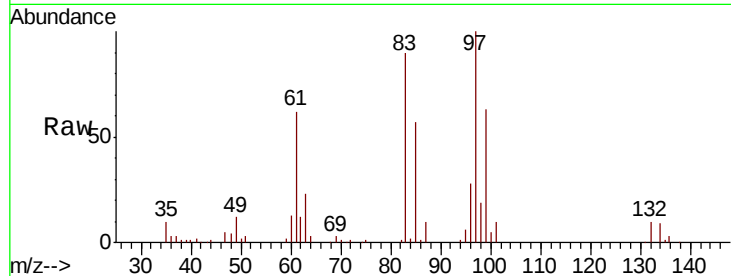
#55
 1,1,2-Trichloroethane
 Concen: 19.499 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion:	97	Resp:	41292
Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.4	101.2
85	56.8	43.5	65.3
99	62.4	51.8	77.8

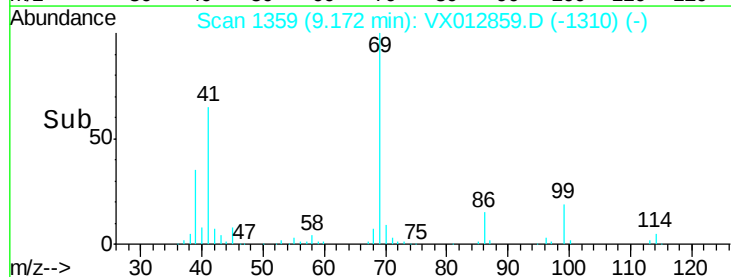
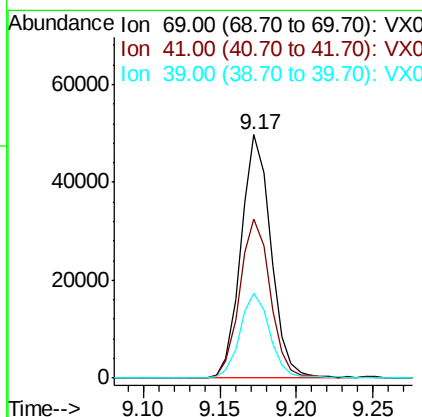
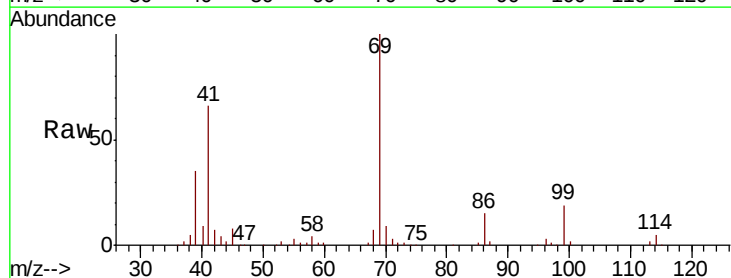
Manual Integrations
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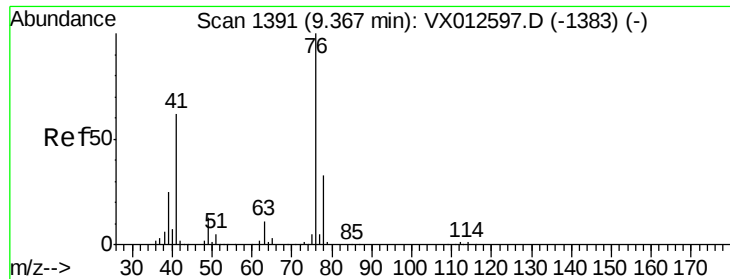
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.067 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion:	69	Resp:	67835
Ion	Ratio	Lower	Upper
69	100		
41	66.7	58.4	87.6
39	34.6	33.4	50.0





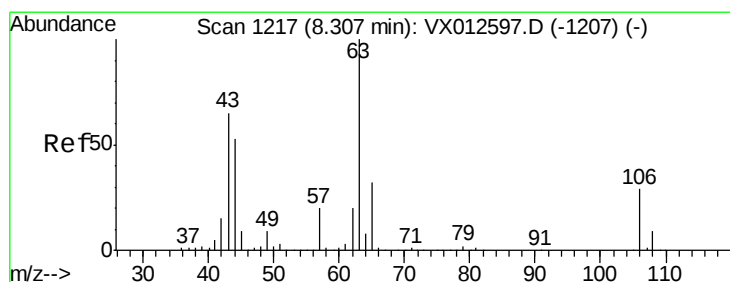
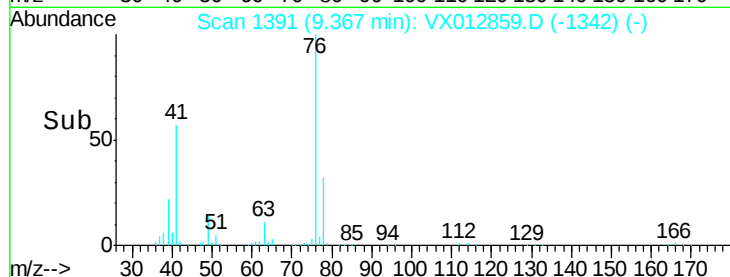
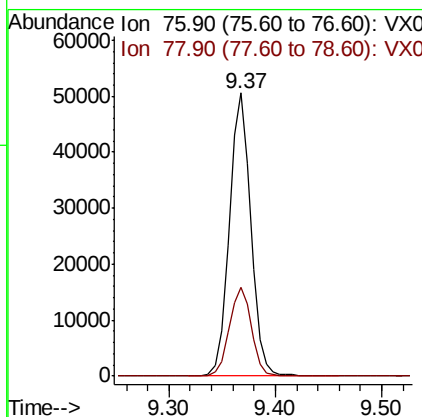
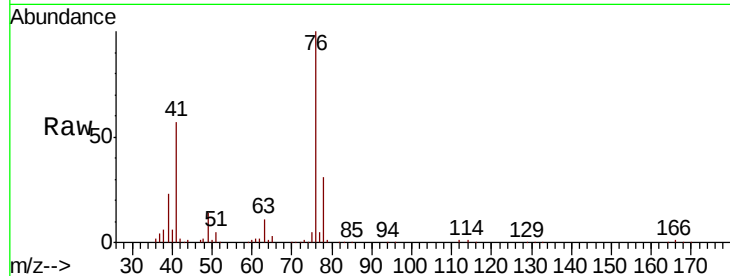
#57
 1,3-Dichloropropane
 Concen: 19.262 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

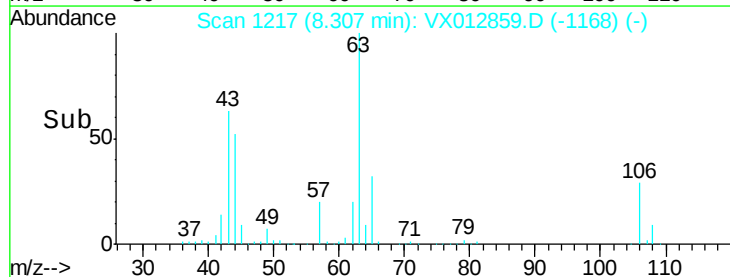
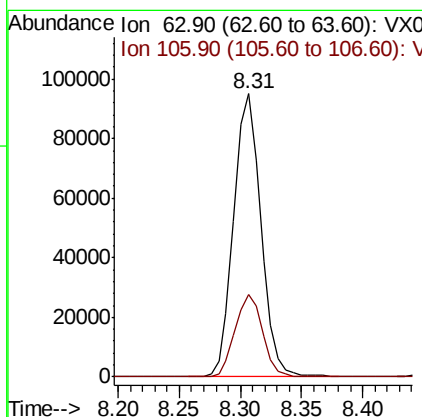
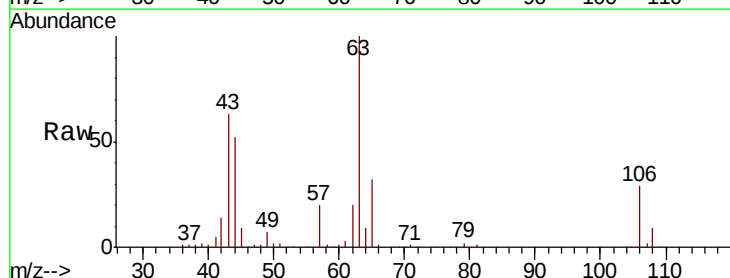
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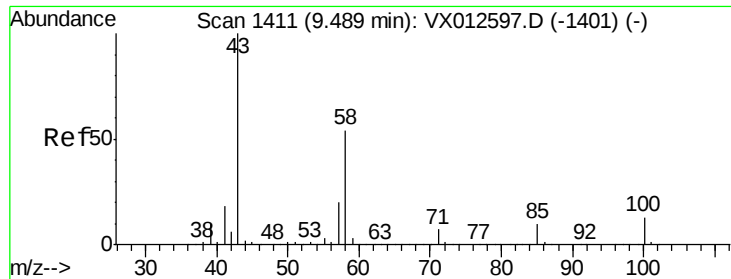
MMDadoda
 10/8/2019 2:07:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.821 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.8	35.6





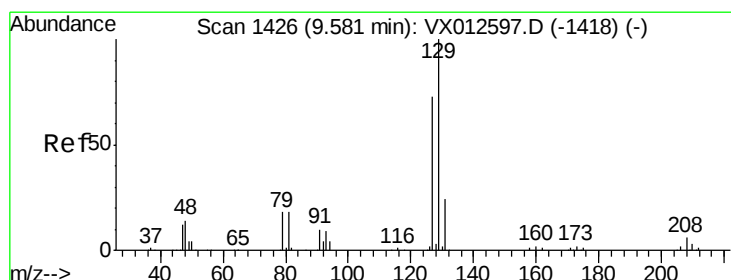
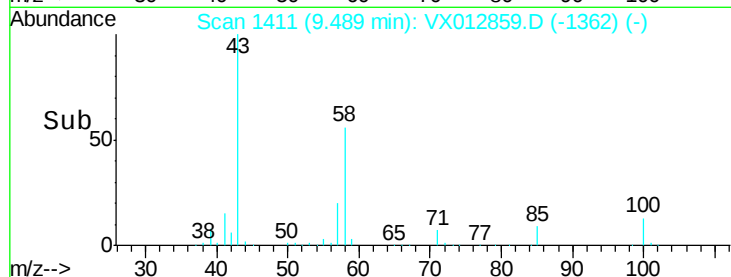
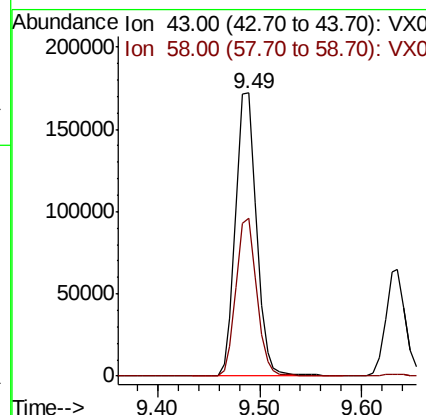
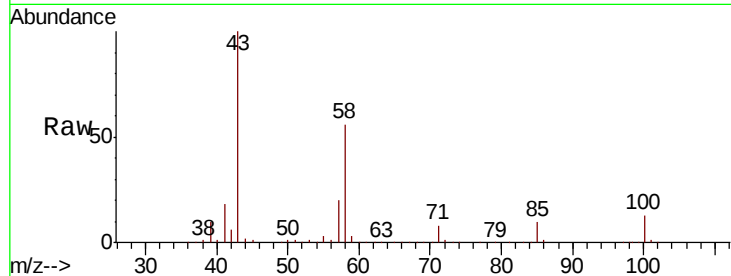
#59
2-Hexanone
Concen: 91.956 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion: 43 Resp: 244678
Ion Ratio Lower Upper
43 100
58 55.1 25.7 77.1

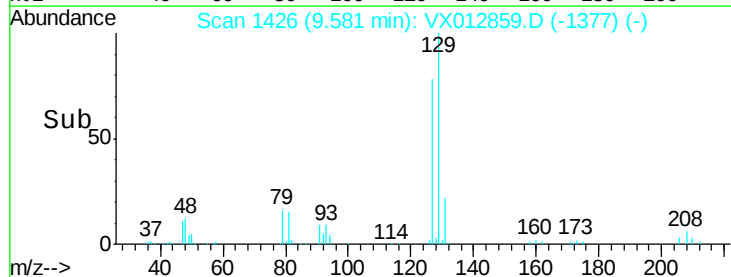
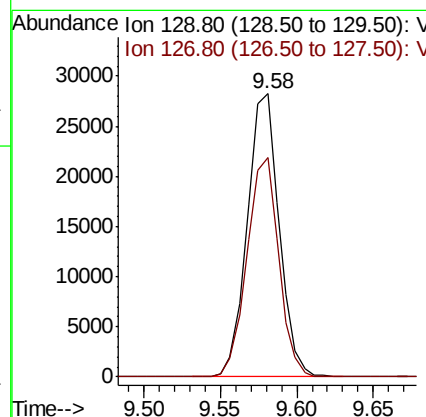
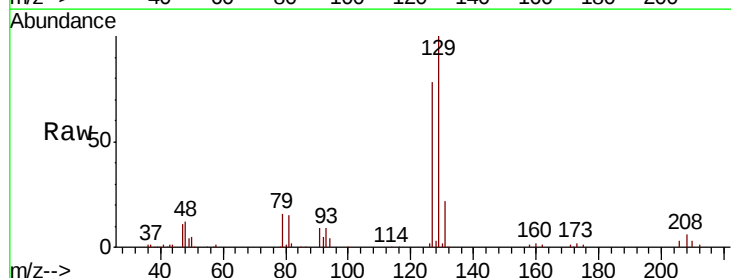
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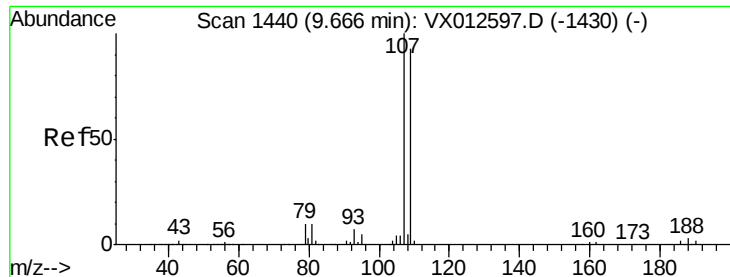
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#60
Dibromochloromethane
Concen: 19.057 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion:129 Resp: 40853
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.520 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion:107 Resp: 43020

Ion Ratio Lower Upper

107 100

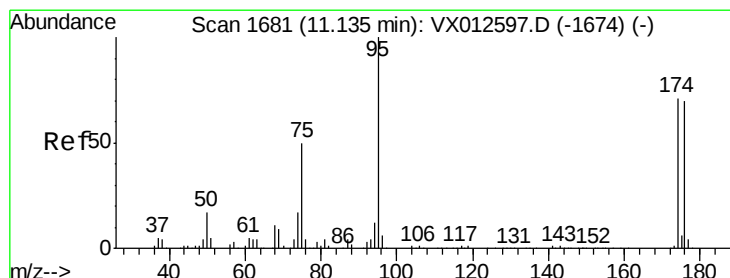
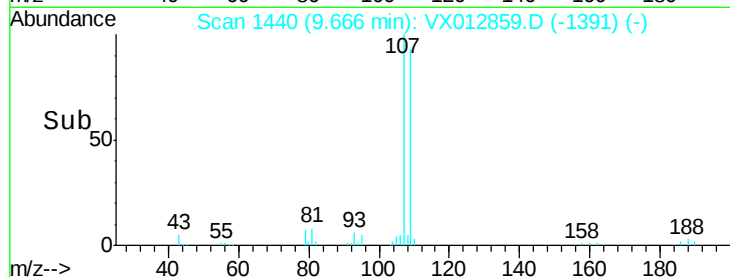
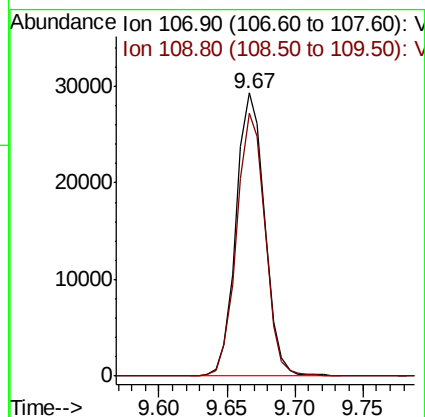
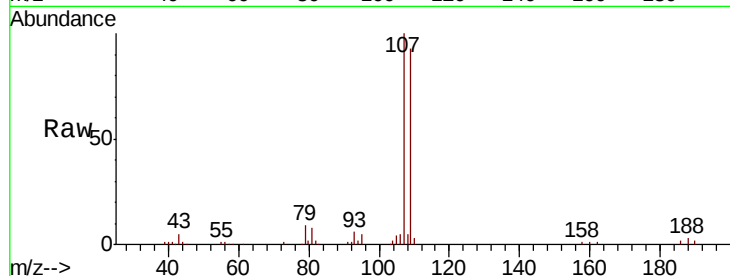
109 91.9 74.7 112.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.755 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

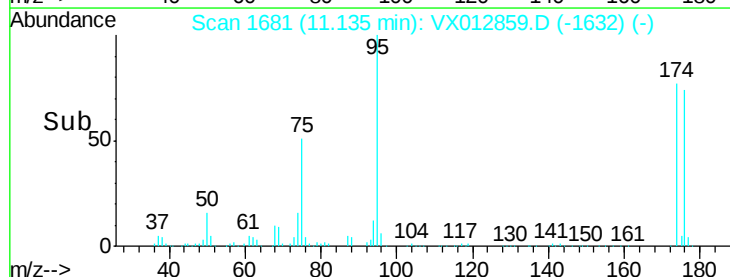
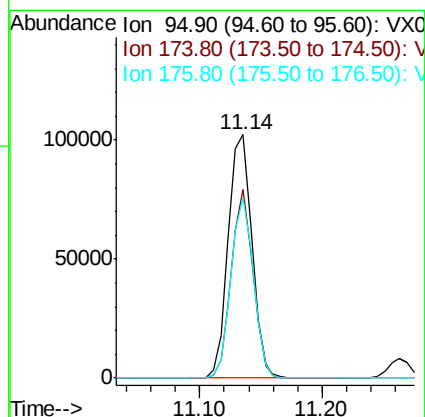
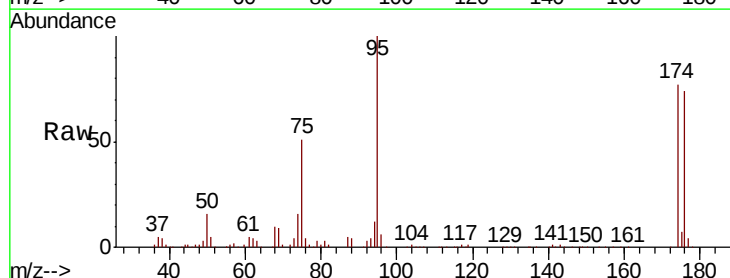
Tgt Ion: 95 Resp: 136776

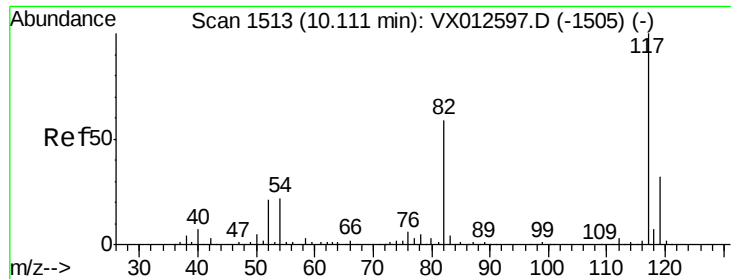
Ion Ratio Lower Upper

95 100

174 71.0 0.0 140.0

176 70.2 0.0 135.4





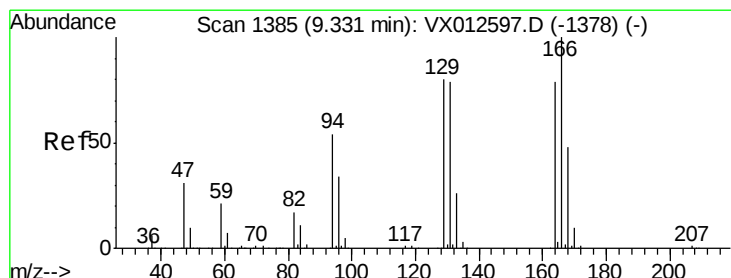
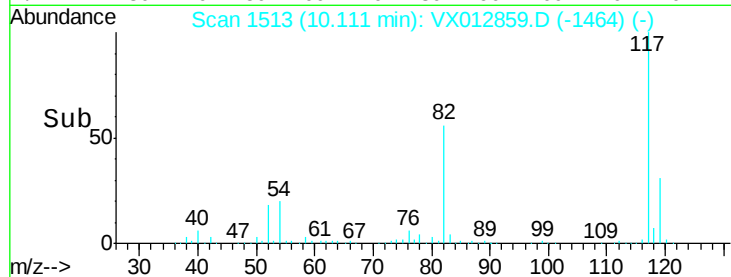
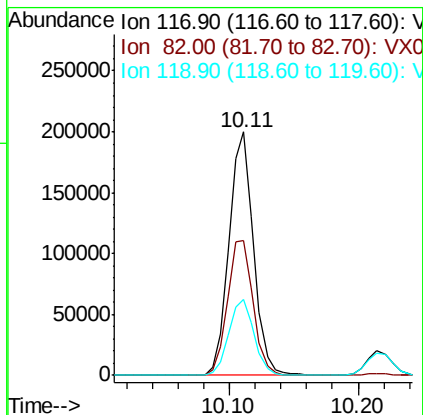
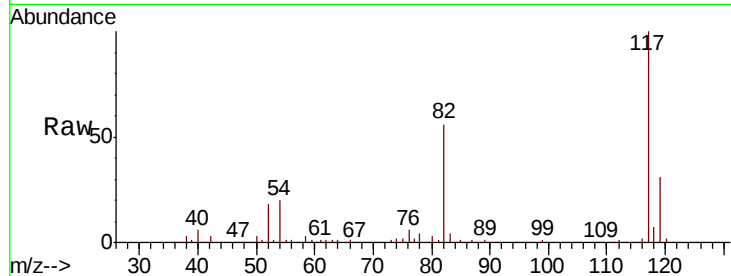
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.9	68.9
119	31.5	25.3	37.9

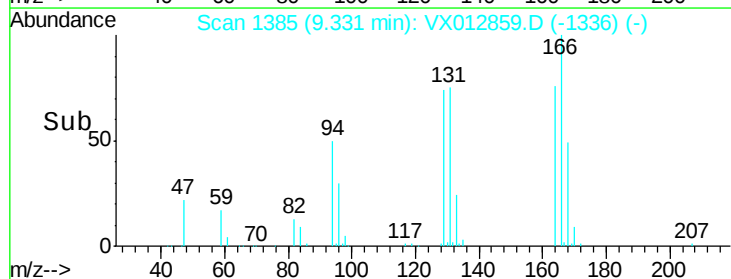
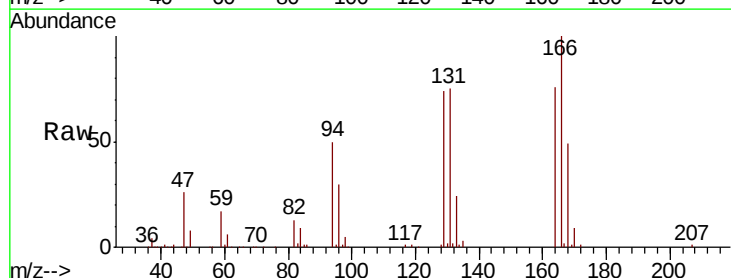
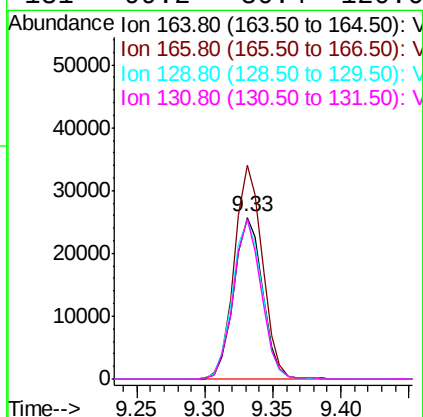
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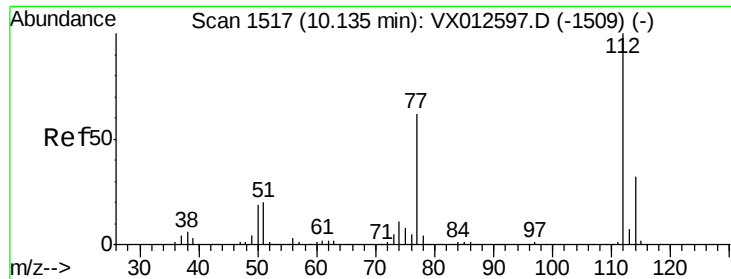
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#64
Tetrachloroethene
Concen: 20.360 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	107.8	161.6
129	98.5	86.2	129.2
131	99.2	80.4	120.6





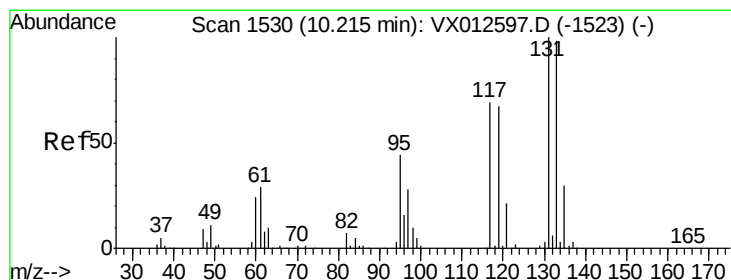
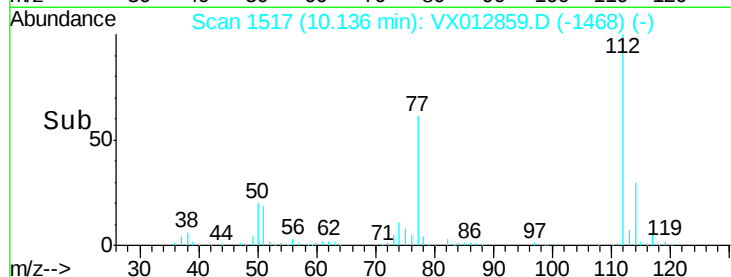
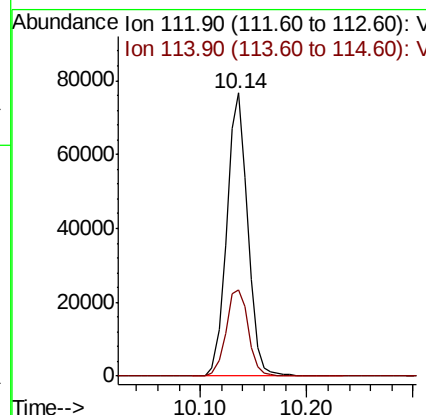
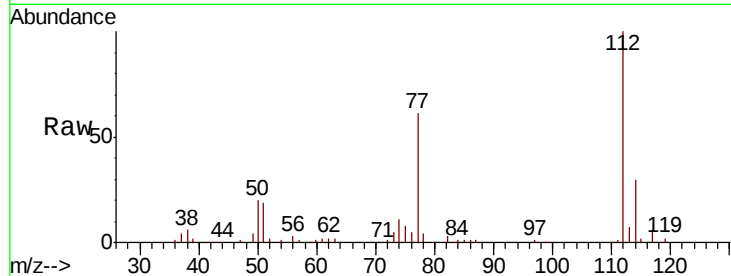
#65
Chlorobenzene
Concen: 18.764 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion:112 Resp: 105366
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.0

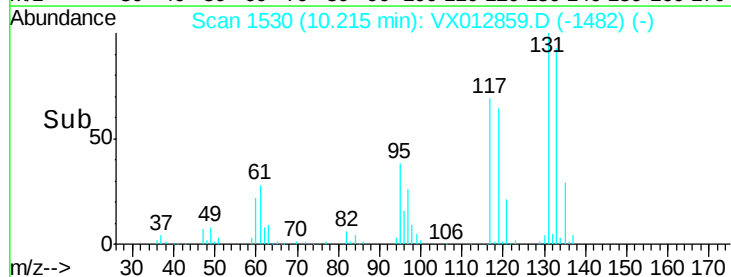
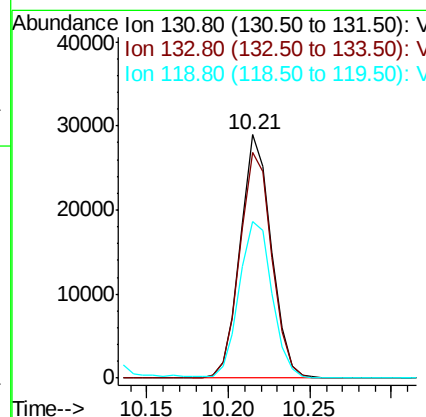
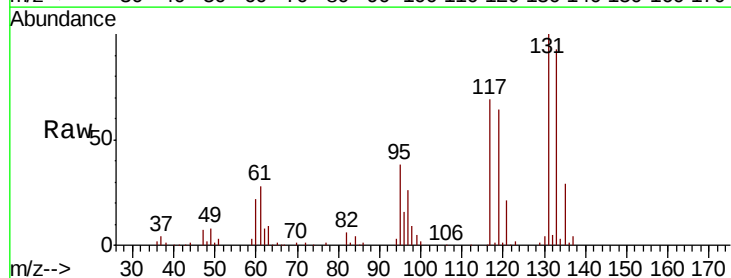
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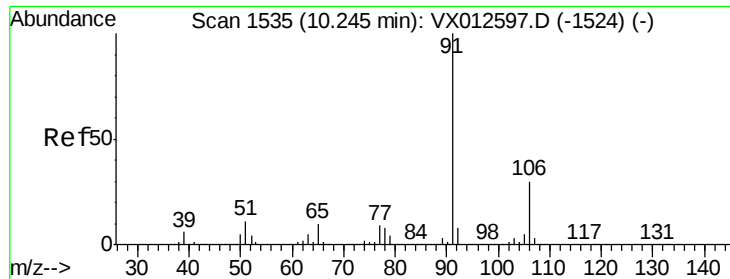
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.859 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion:131 Resp: 38371
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 68.1 31.3 93.8





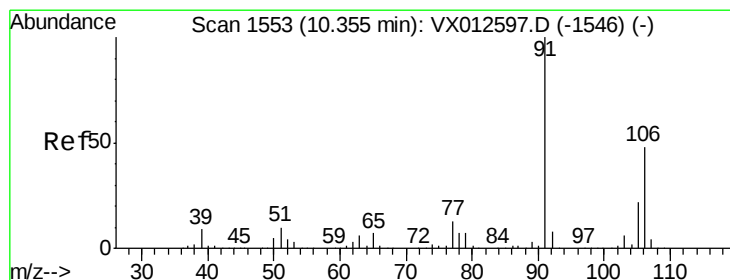
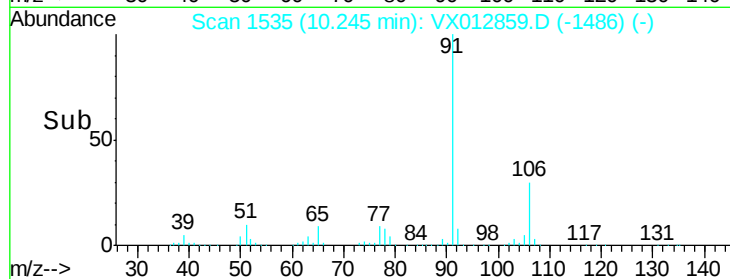
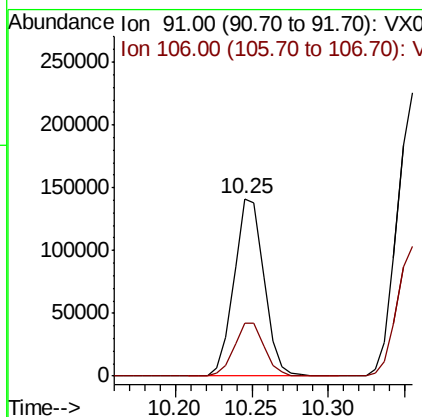
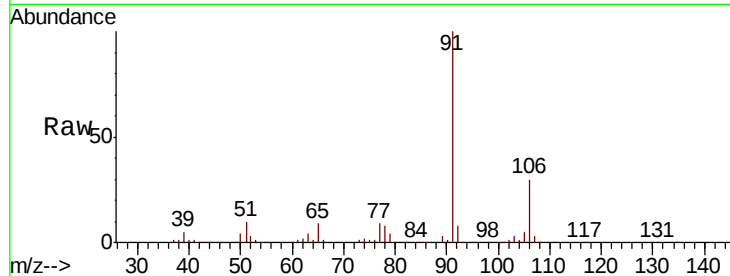
#67
Ethyl Benzene
Concen: 18.881 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion: 91 Resp: 192295
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0

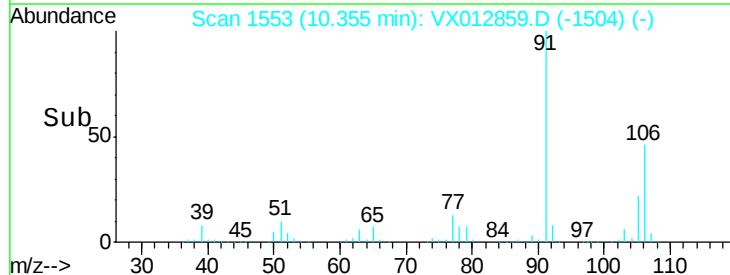
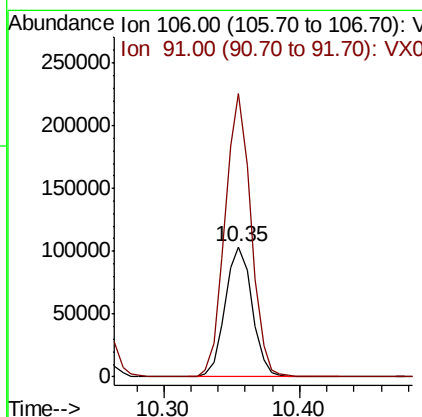
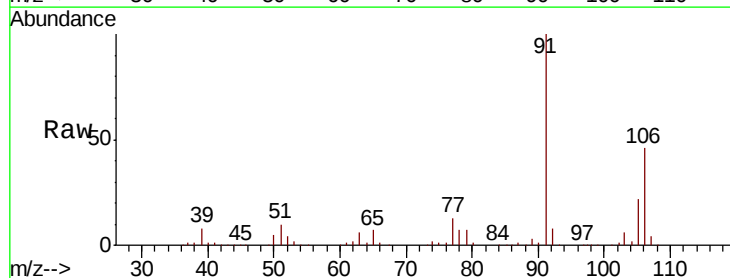
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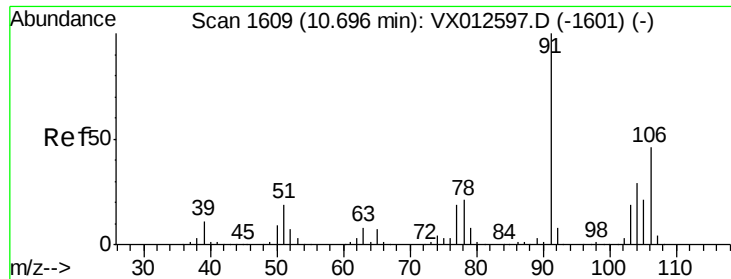
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#68
m/p-Xylenes
Concen: 37.456 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion: 106 Resp: 142905
Ion Ratio Lower Upper
106 100
91 209.5 166.6 250.0





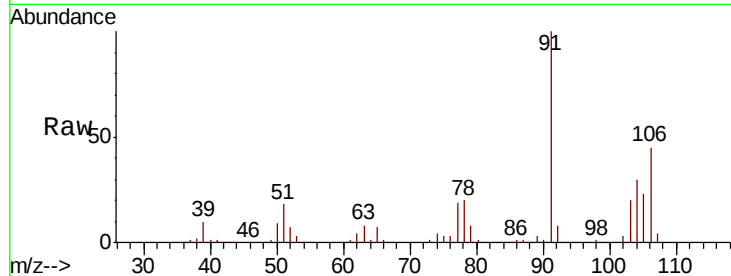
#69
o-Xylene
Concen: 18.998 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

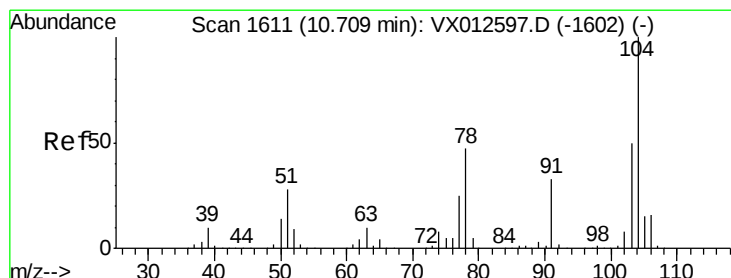
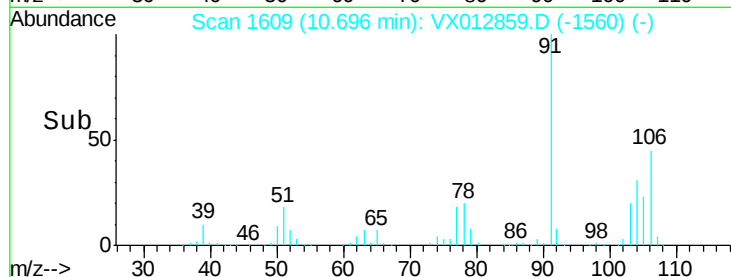
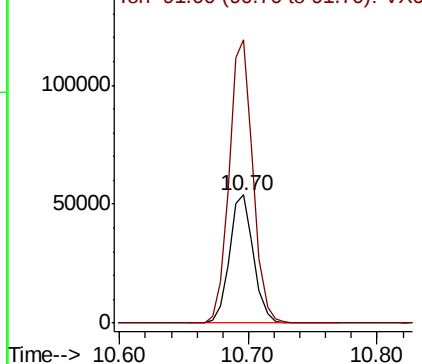
Tot Ion:106 Resp: 70135
Ion Ratio Lower Upper
106 100
91 219.1 109.4 328.2

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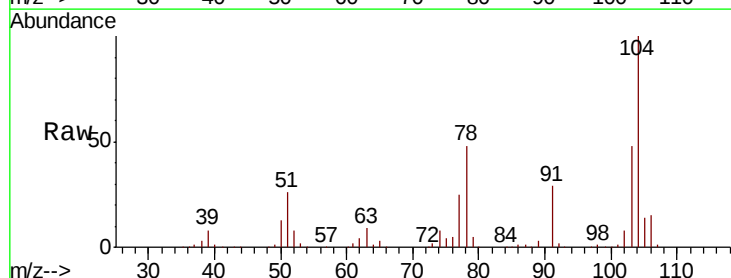


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

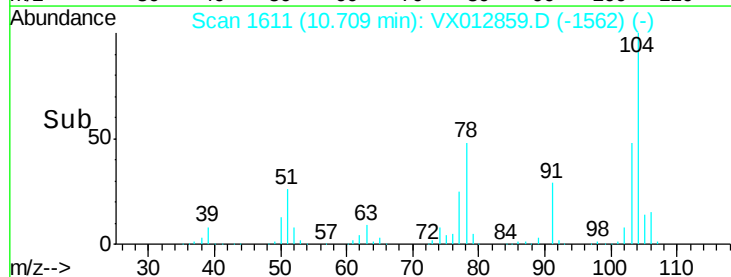
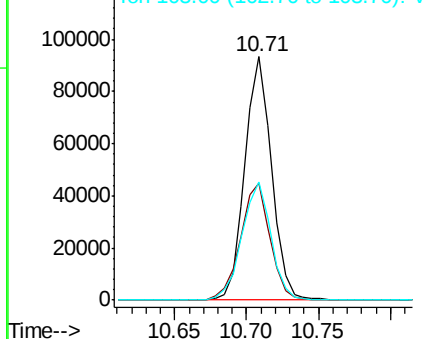


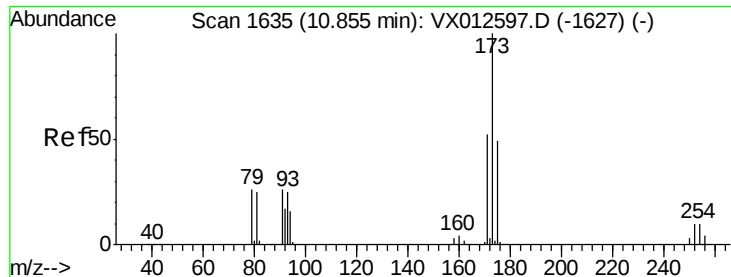
#70
Styrene
Concen: 19.388 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion:104 Resp: 119992
Ion Ratio Lower Upper
104 100
78 53.1 43.4 65.2
103 53.2 43.3 64.9



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





#71

Bromoform

Concen: 18.816 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion:173 Resp: 26657

Ion Ratio Lower Upper

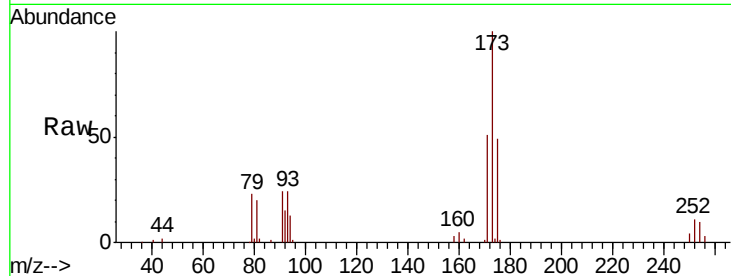
173 100

175 49.5 23.7 71.1

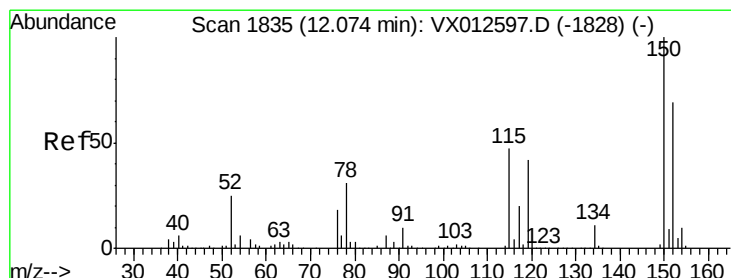
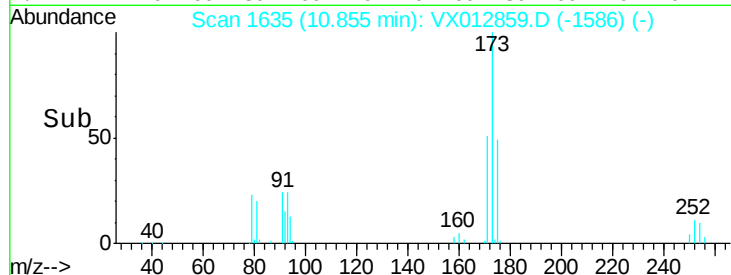
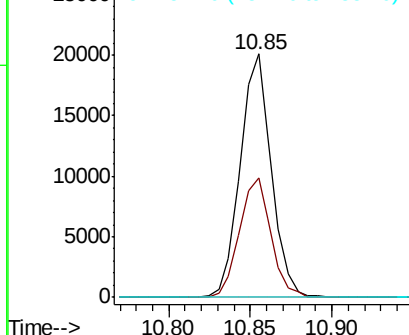
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

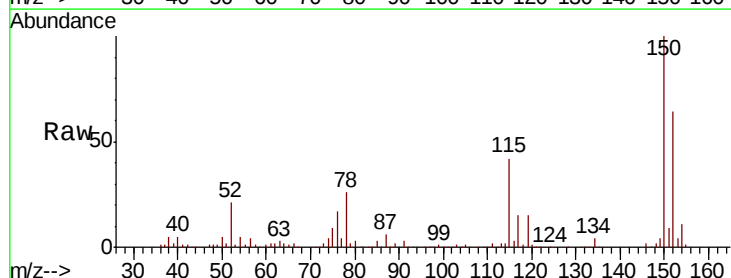
Tgt Ion:152 Resp: 123173

Ion Ratio Lower Upper

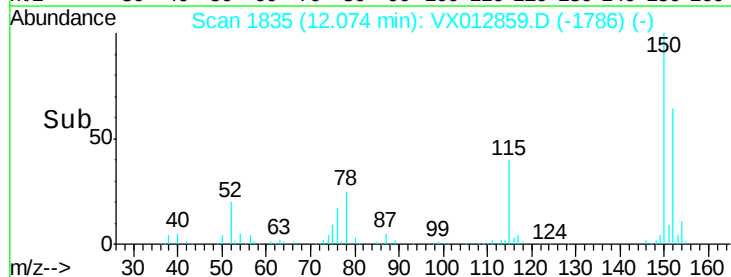
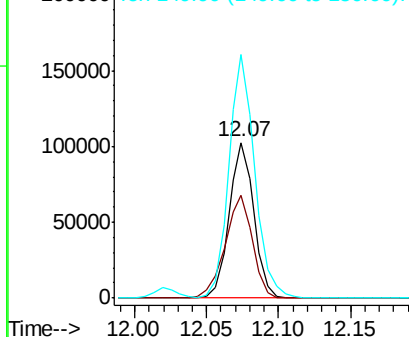
152 100

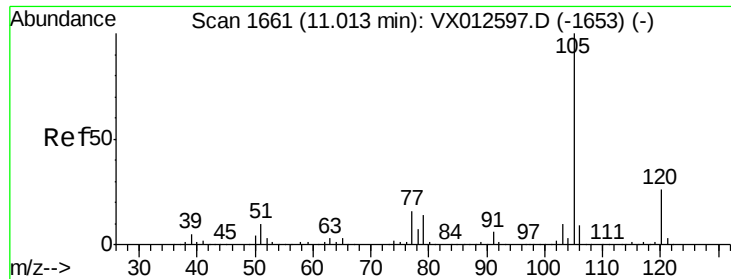
115 73.2 44.1 132.3

150 164.6 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.885 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion: 105 Resp: 189451

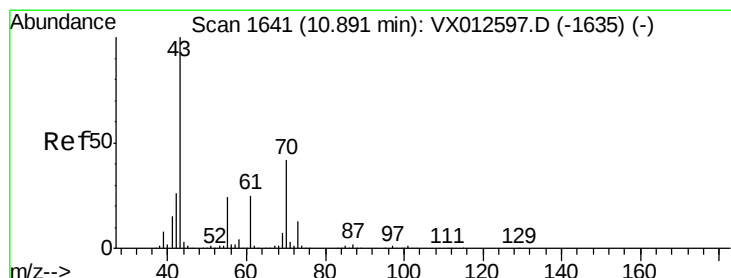
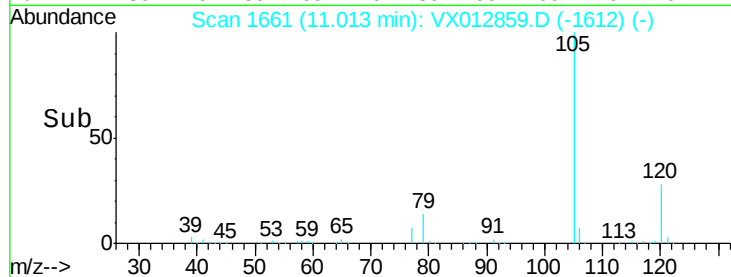
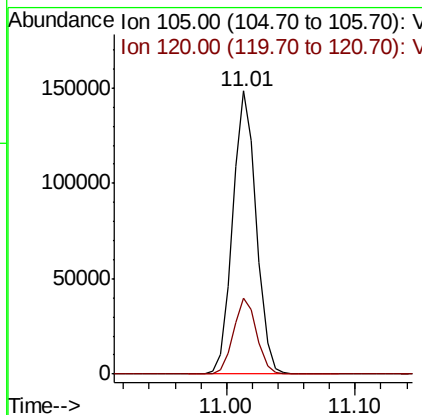
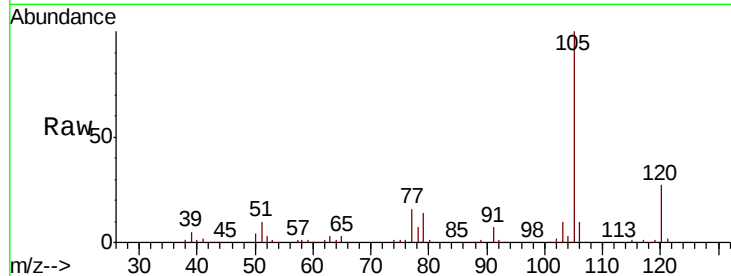
Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 17.713 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion: 43 Resp: 84776

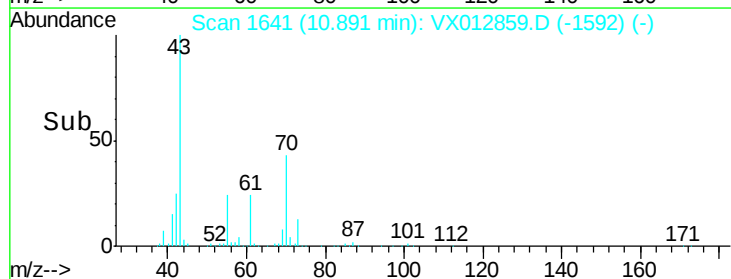
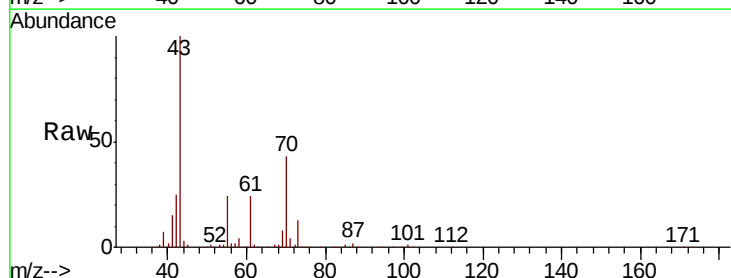
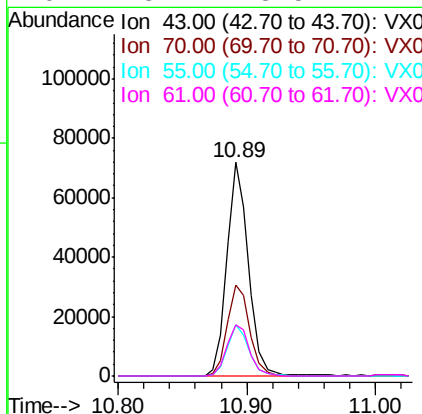
Ion Ratio Lower Upper

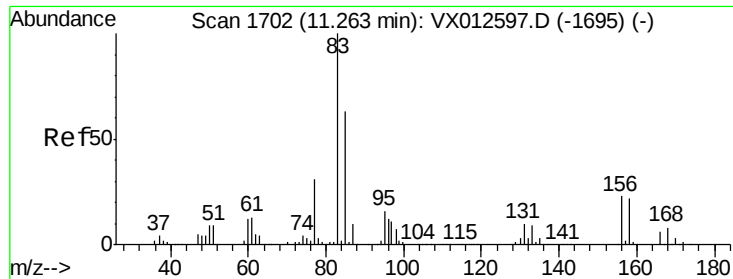
43 100

70 44.4 32.4 48.6

55 24.1 18.2 27.4

61 25.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.883 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

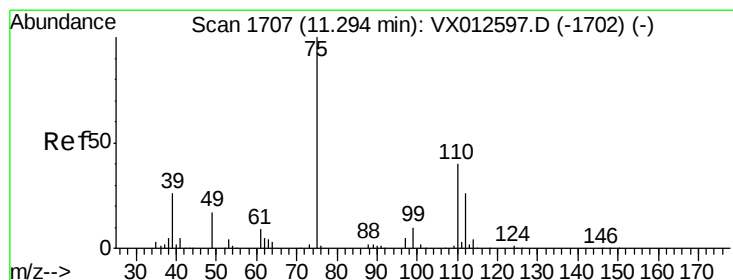
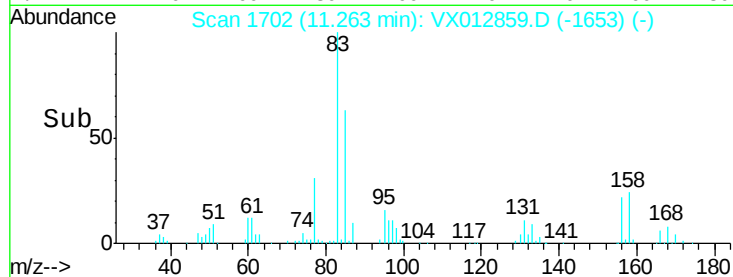
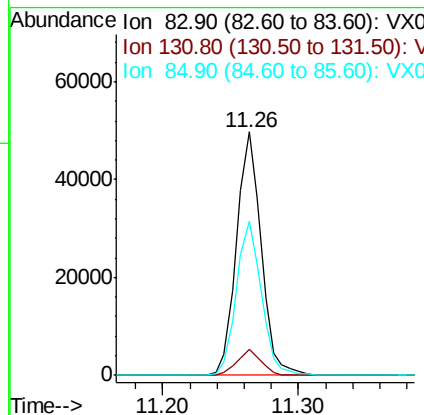
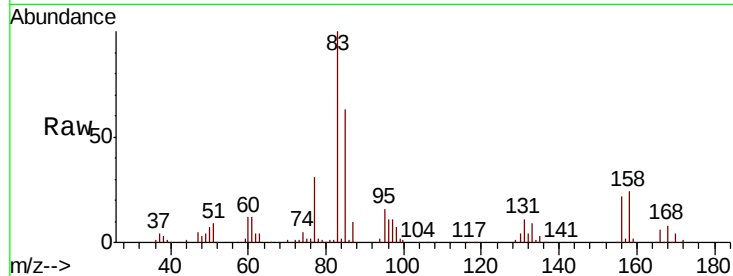
ClientSampleId :

VX1007WBSD02

Tot Ion:	83	Resp:	62737
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	64.4	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.284 ug/l m

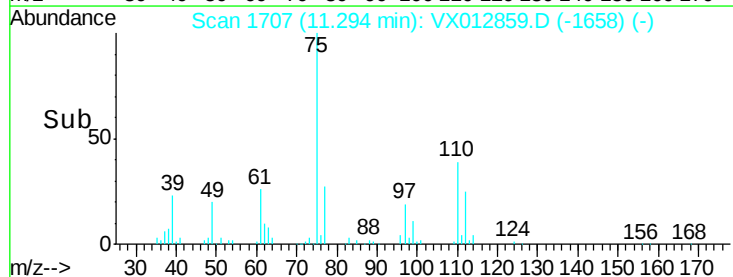
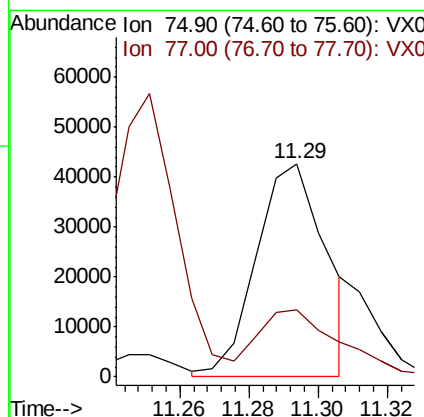
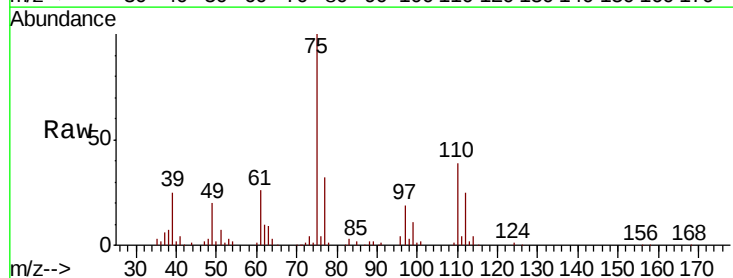
RT: 11.29 min Scan# 1707

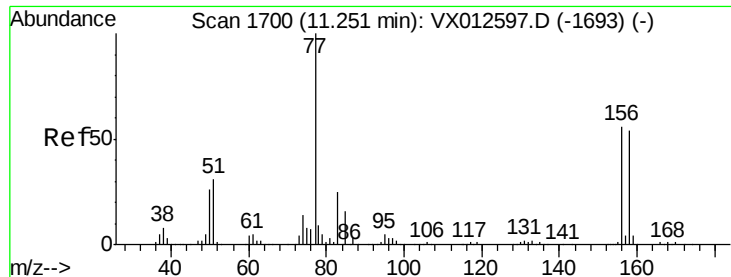
Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion:	75	Resp:	59574
Ion Ratio	Lower	Upper	
75	100		
77	37.2	19.7	59.0





#77

Bromobenzene

Concen: 18.922 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

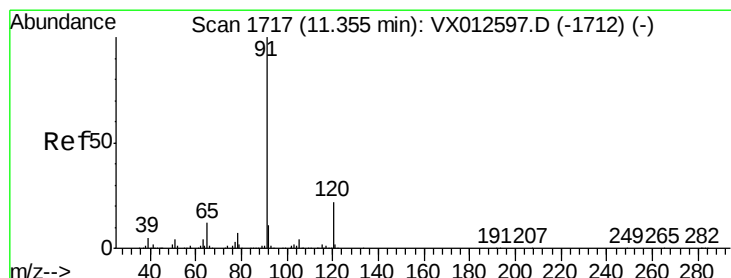
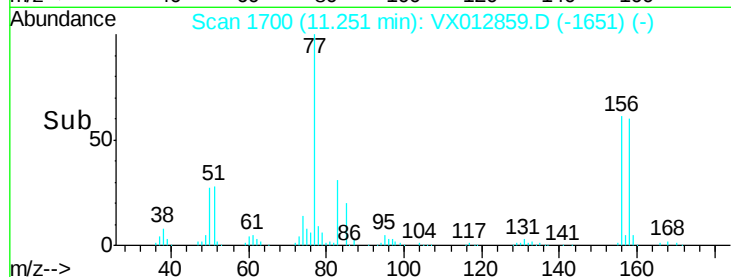
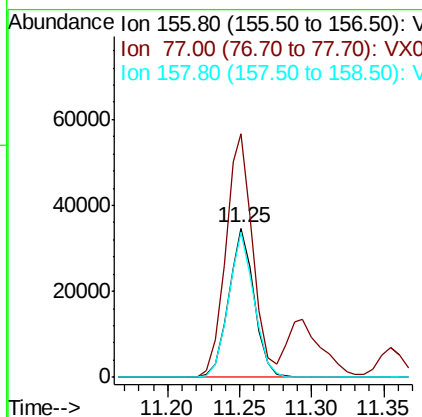
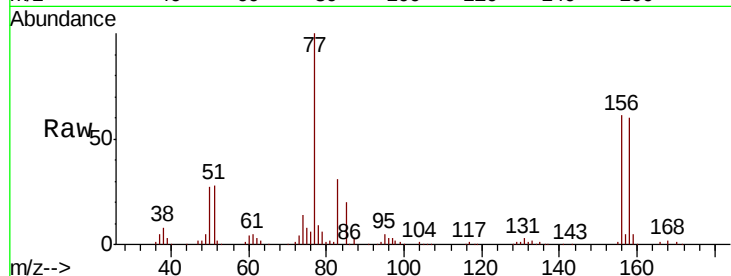
ClientSampleId :

VX1007WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		42962		
77	173.8	87.3	261.8		
158	98.1	48.5	145.6		

Manual Integrations
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#78

n-propylbenzene

Concen: 18.530 ug/l

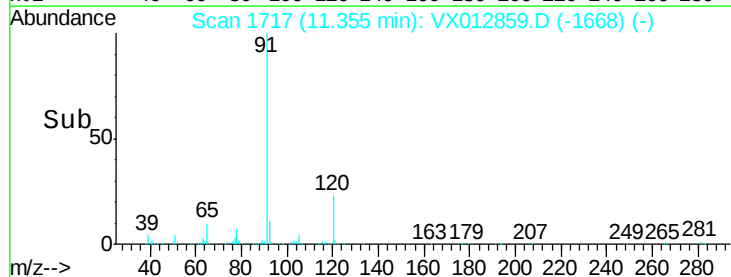
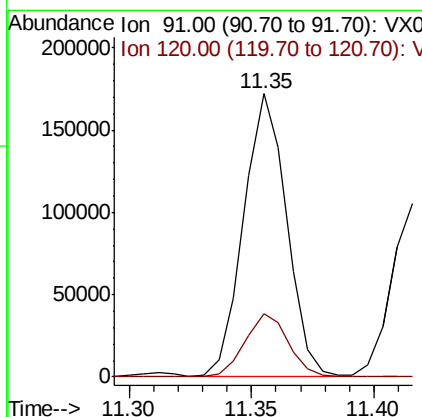
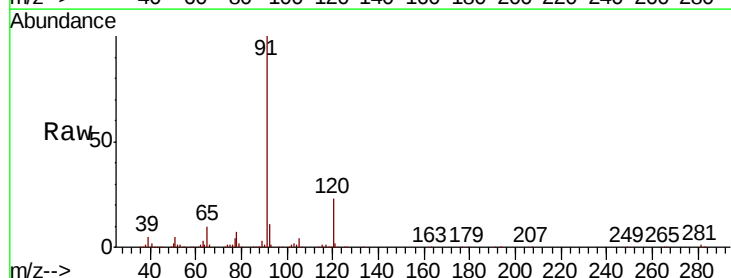
RT: 11.35 min Scan# 1717

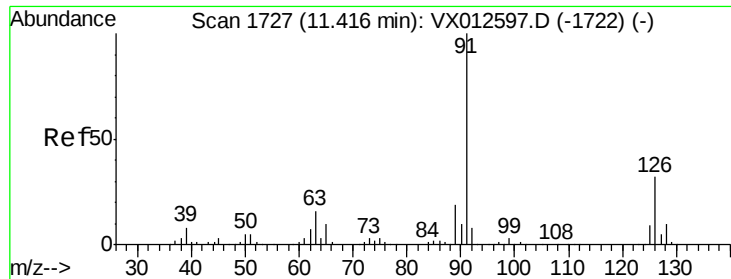
Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		209286		
120	22.7	11.3	33.8		





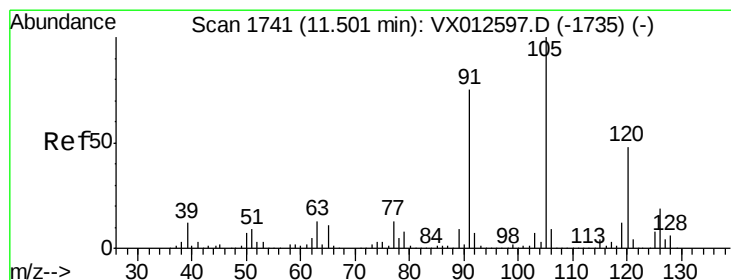
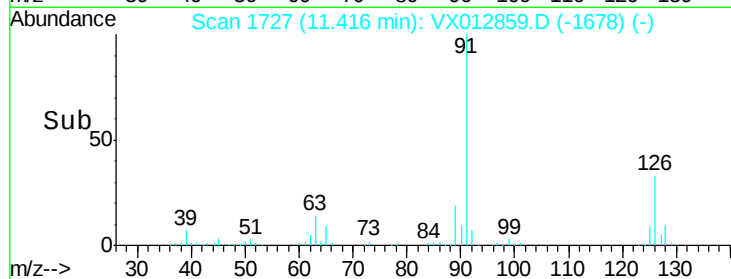
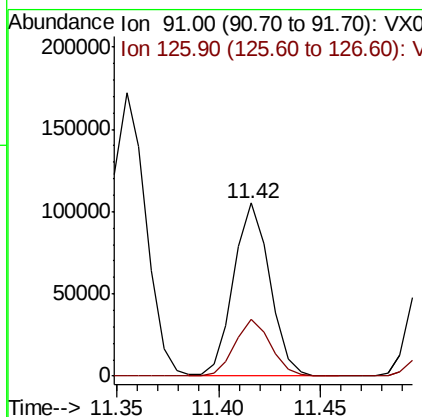
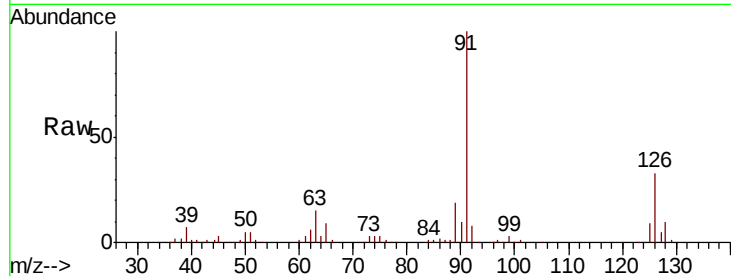
#79
 2-Chlorotoluene
 Concen: 18.311 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion: 91 Resp: 129014
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.4

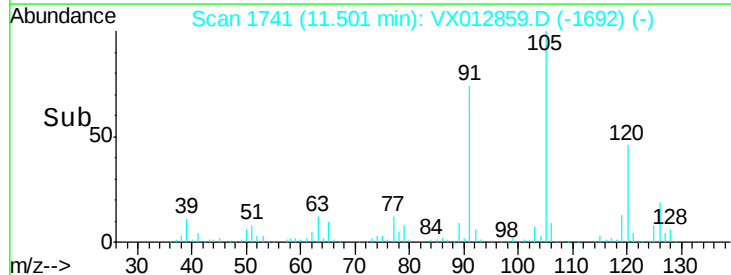
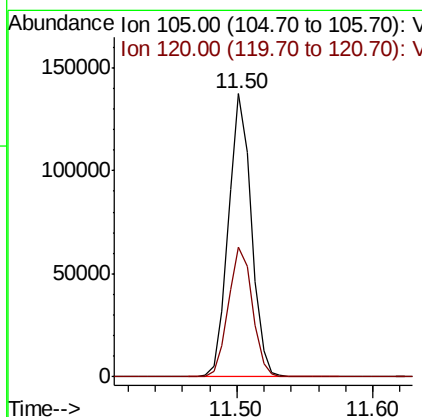
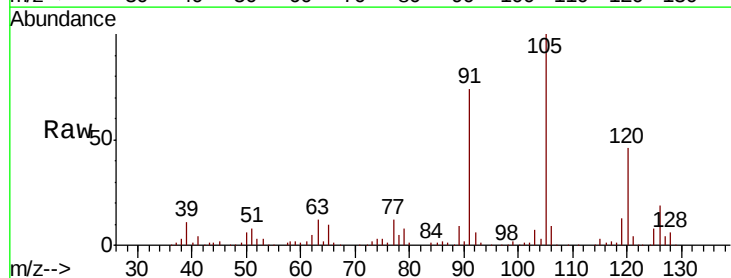
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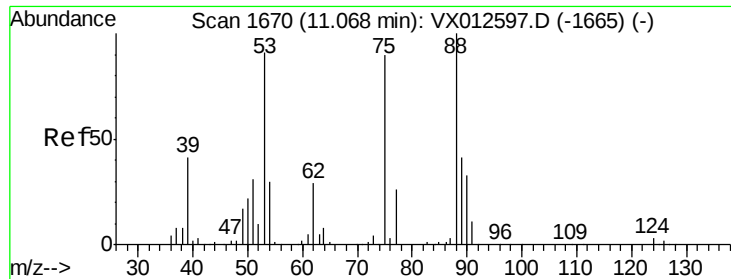
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.042 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion: 105 Resp: 160191
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.141 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampled :

VX1007WBSD02

Tot Ion: 75 Resp: 17214

Ion Ratio Lower Upper

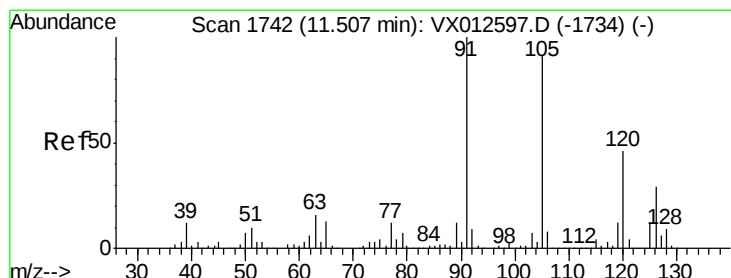
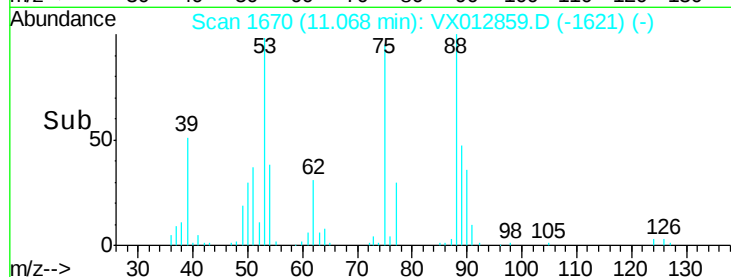
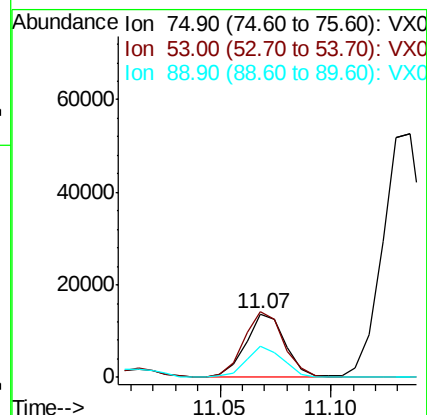
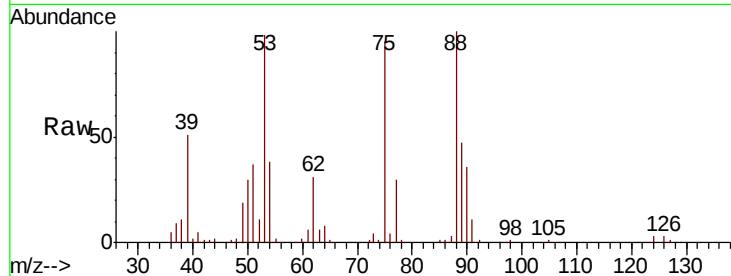
75 100

53 103.8 83.6 125.4

89 45.8 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.718 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012859.D

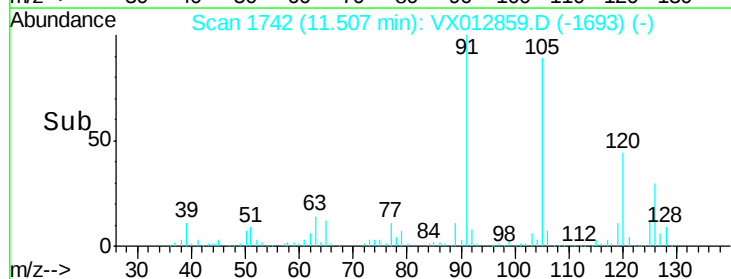
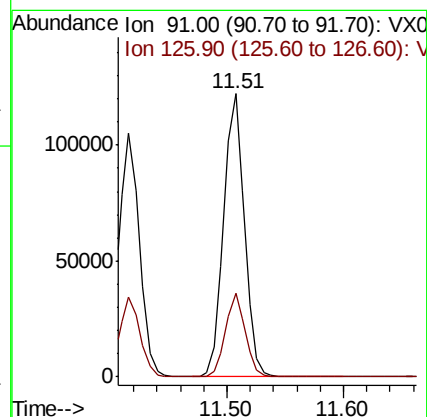
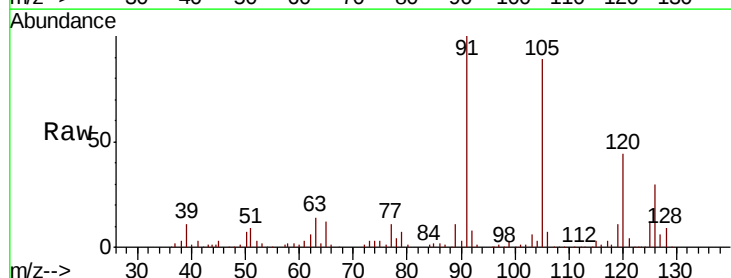
Acq: 08 Oct 2019 00:10

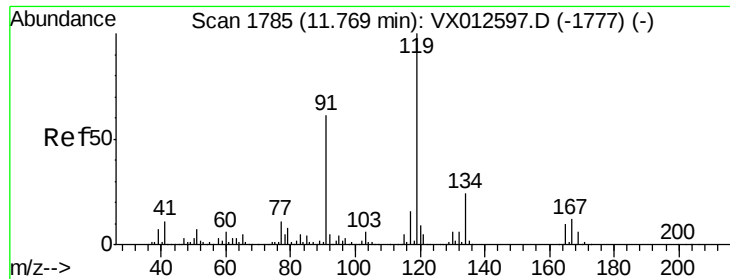
Tgt Ion: 91 Resp: 150333

Ion Ratio Lower Upper

91 100

126 28.0 14.4 43.0





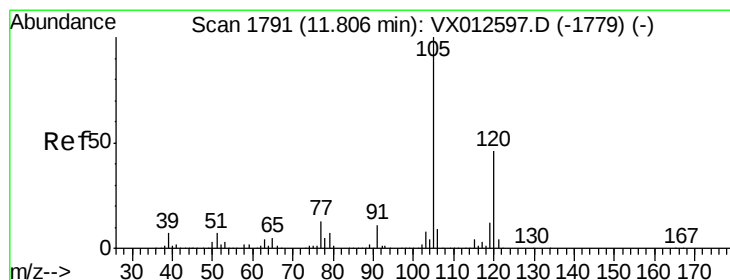
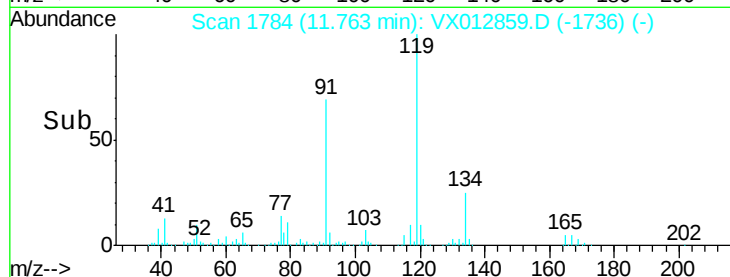
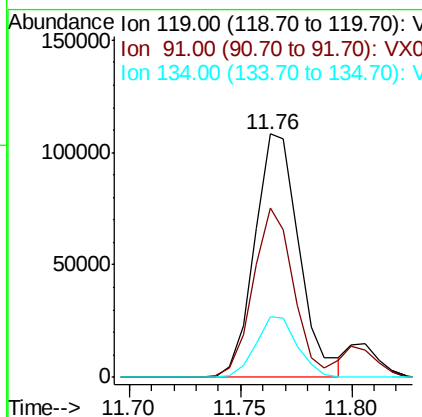
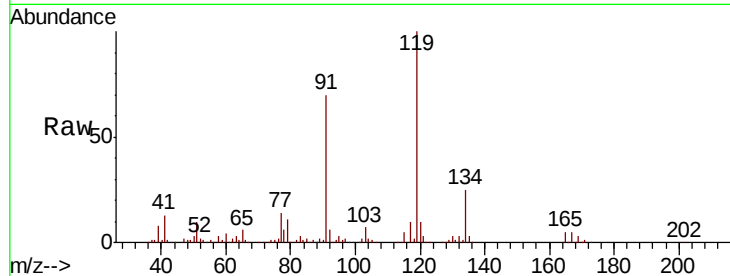
#83
 tert-Butylbenzene
 Concen: 18.568 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	150681		
91	63.2	30.0	90.0	
134	23.5	11.3	33.9	

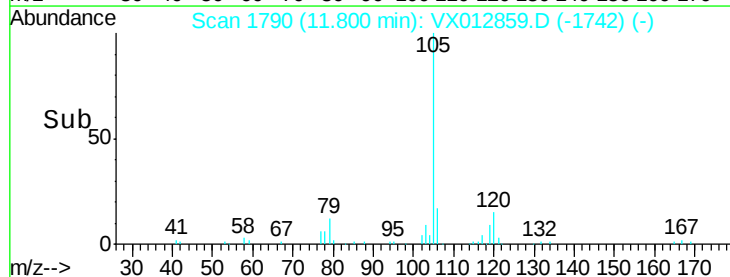
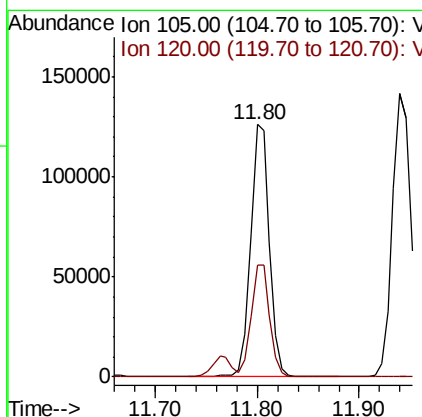
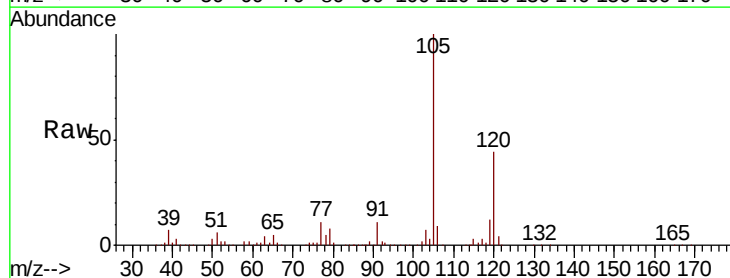
Manual Integrations
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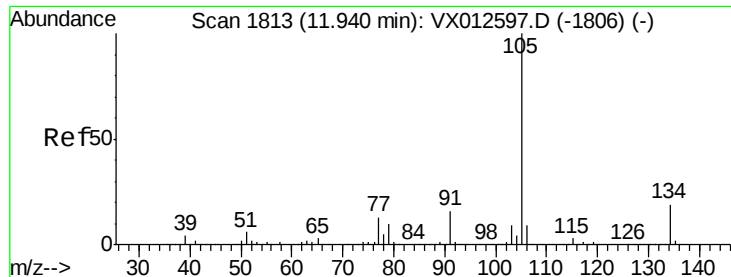
MMDadoda
 10/8/2019 2:07:20 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.151 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	162526		
120	43.9	22.2	66.6	





#85

sec-Butylbenzene

Concen: 19.013 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX1007WBSD02

Tot Ion:105 Resp: 179461

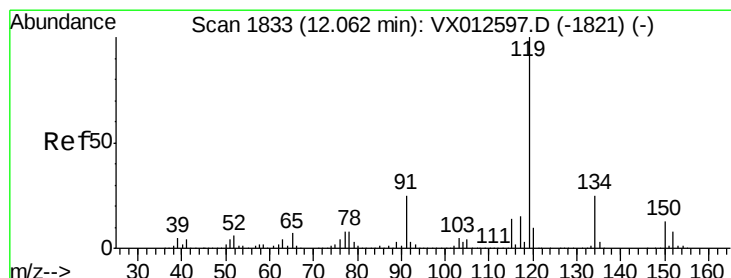
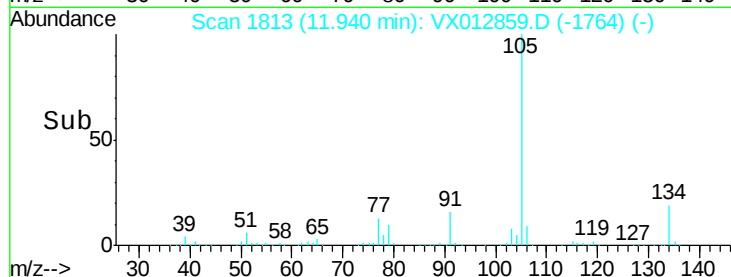
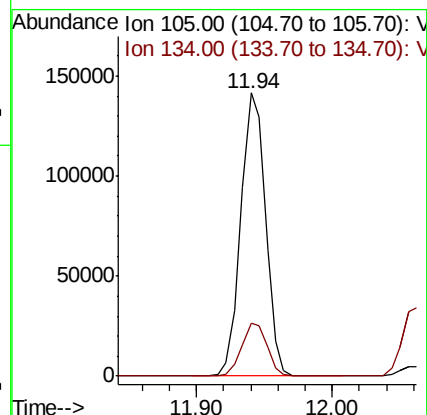
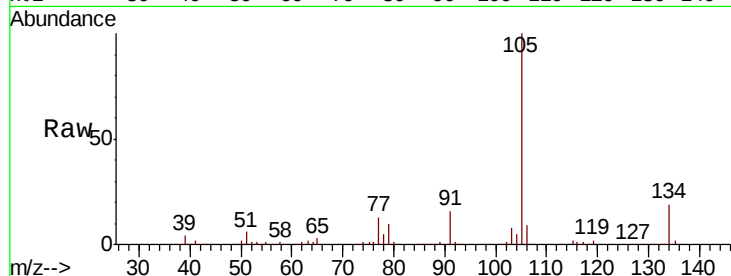
Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.027 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

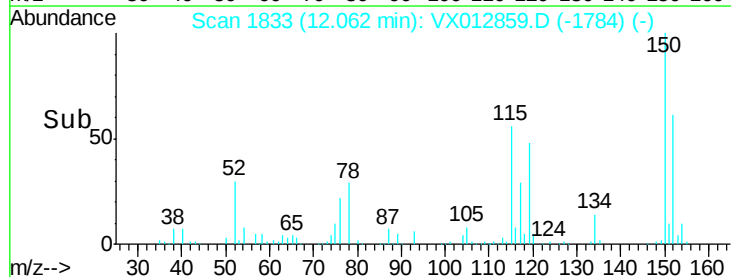
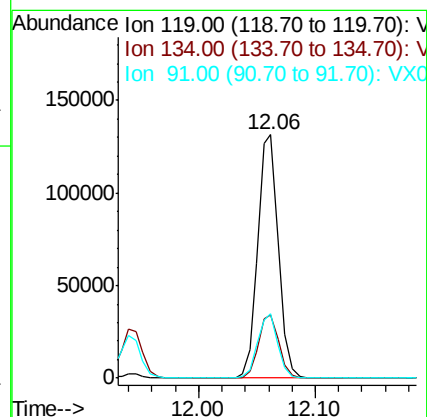
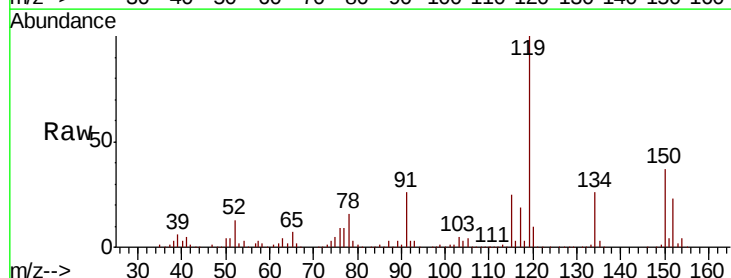
Tgt Ion:119 Resp: 162052

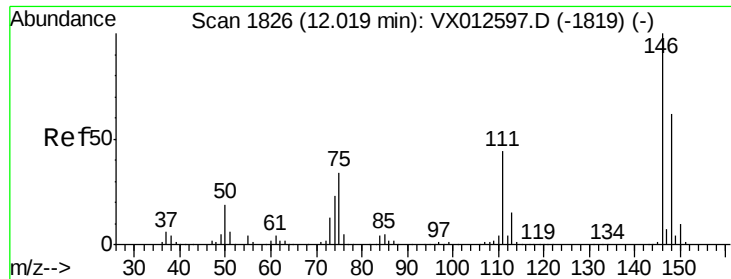
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

91 25.7 12.8 38.4





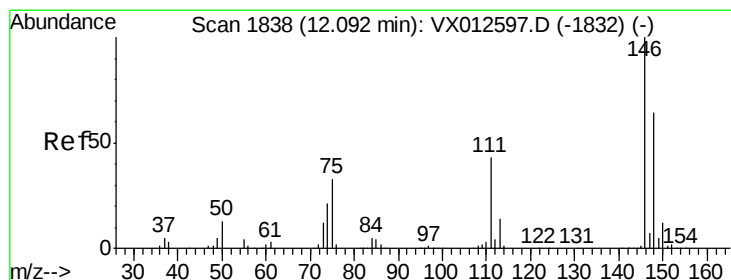
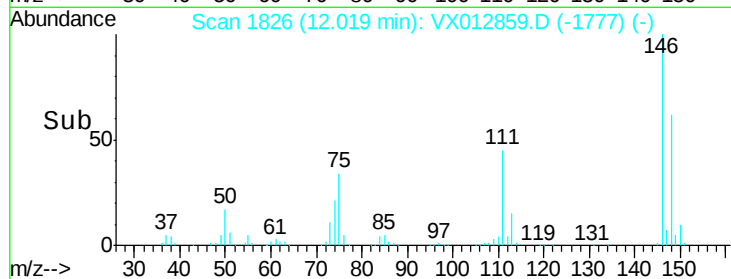
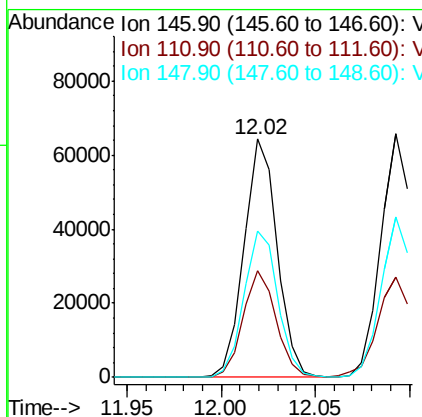
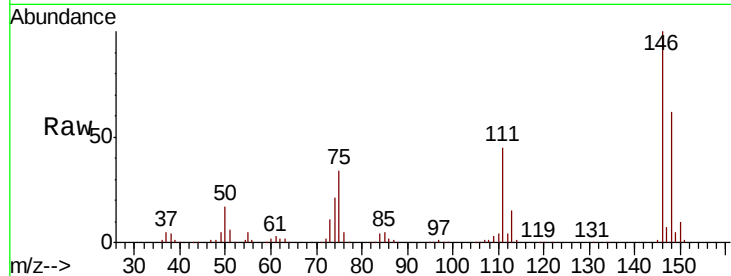
#87
 1,3-Dichlorobenzene
 Concen: 19.282 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.3	64.0
148	62.6	32.4	97.2

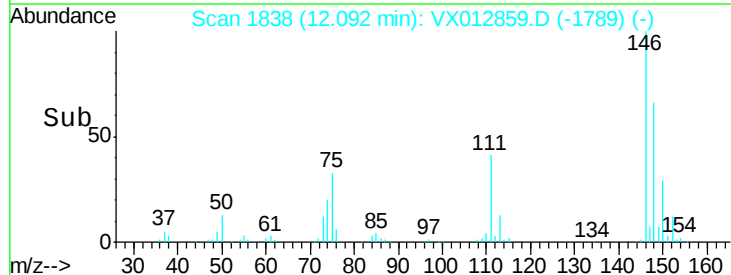
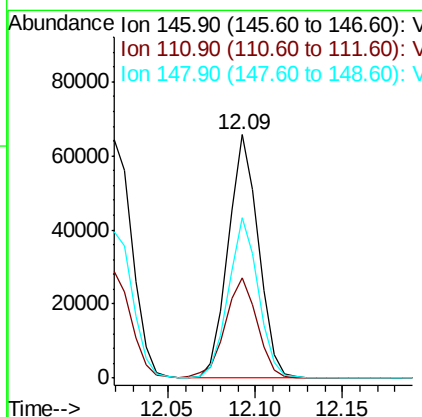
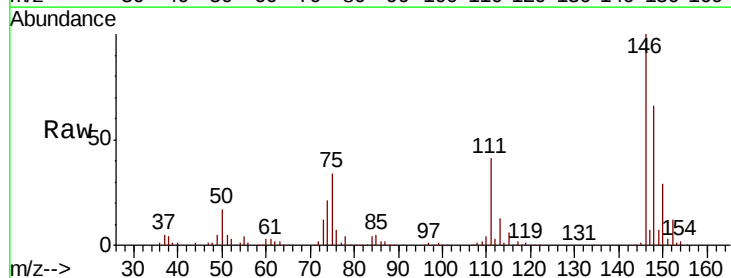
Manual Integrations
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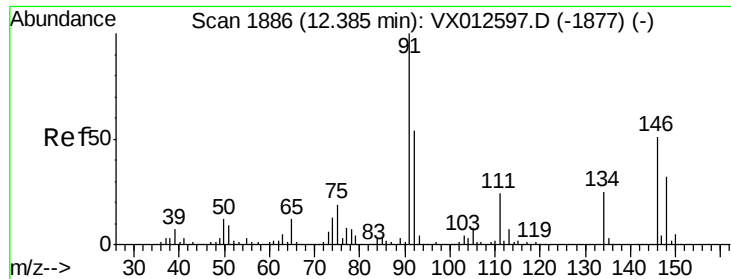
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#88
 1,4-Dichlorobenzene
 Concen: 19.159 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.3
148	65.6	32.1	96.5





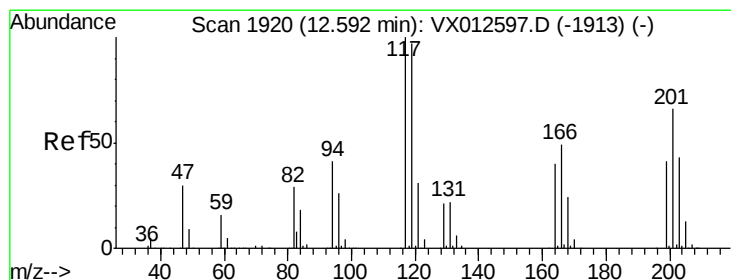
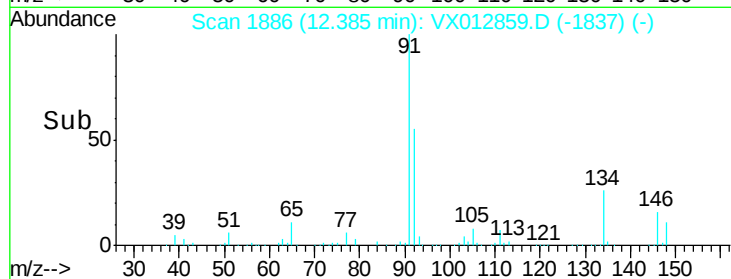
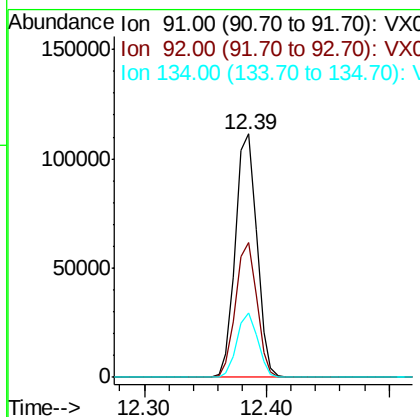
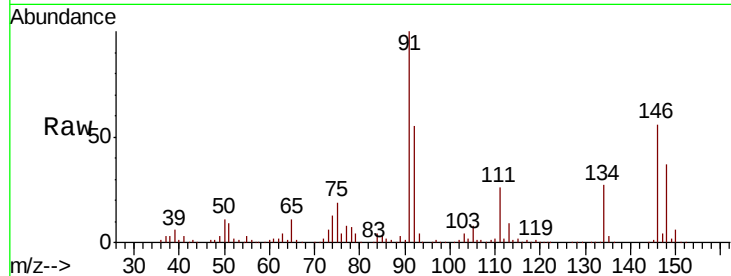
#89
n-Butylbenzene
Concen: 17.937 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.7	83.0
134	25.9	12.9	38.6

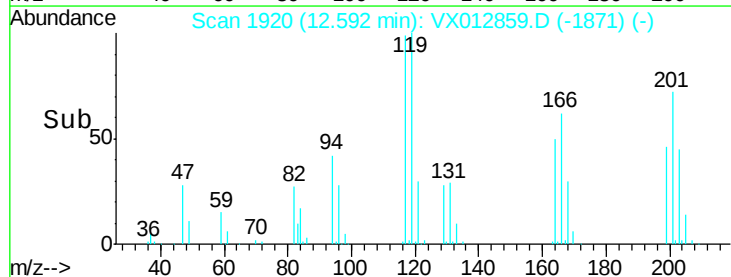
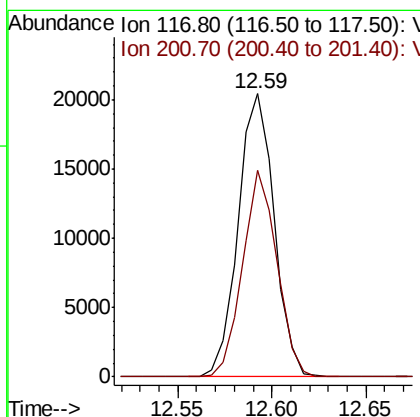
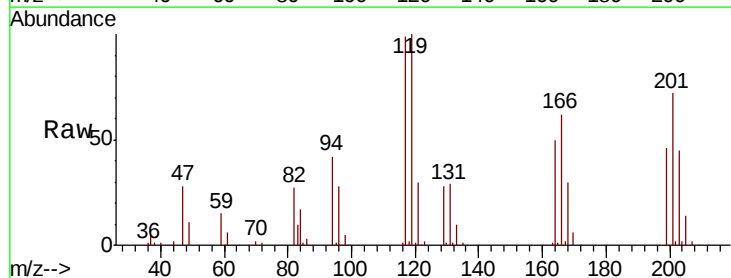
Manual Integrations
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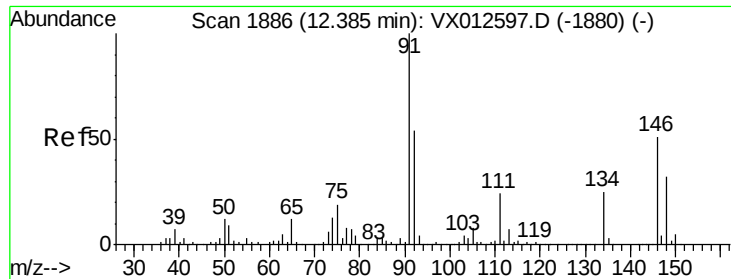
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#90
Hexachloroethane
Concen: 17.783 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012859.D
Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.7	33.3	99.8





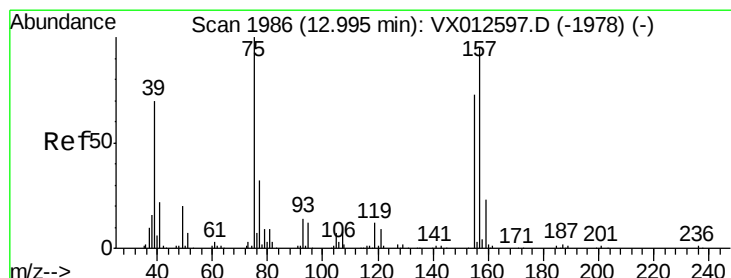
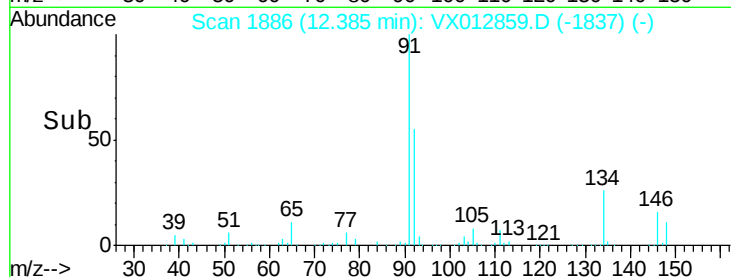
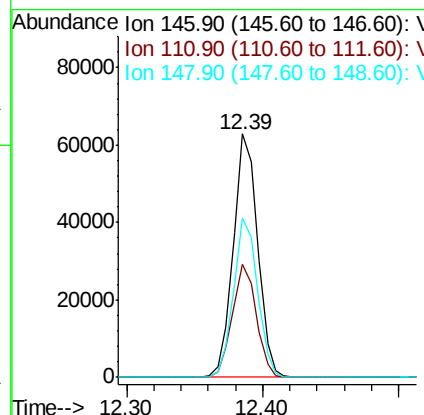
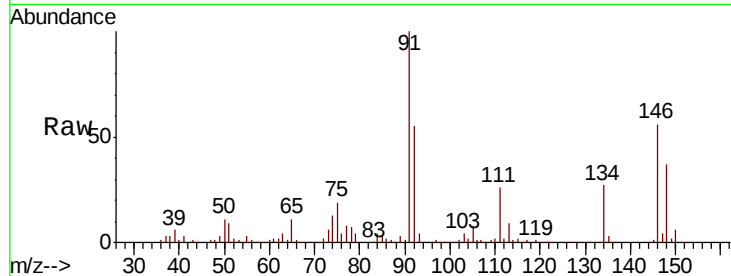
#91
 1,2-Dichlorobenzene
 Concen: 19.168 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.1	66.1
148	64.5	31.3	93.9

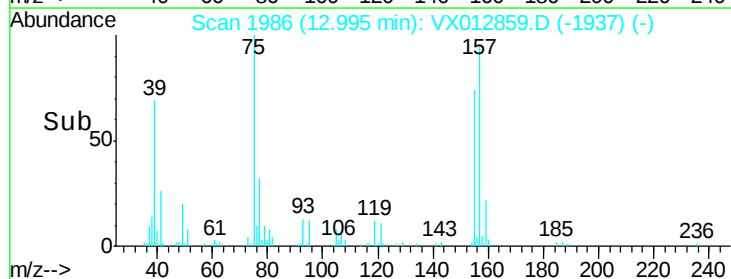
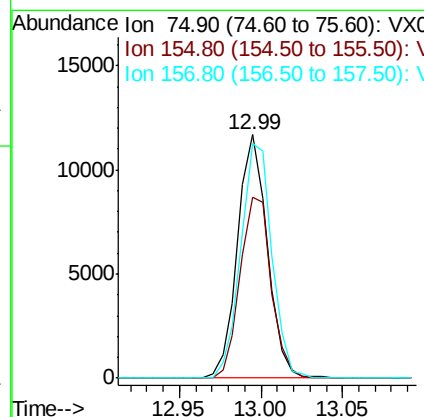
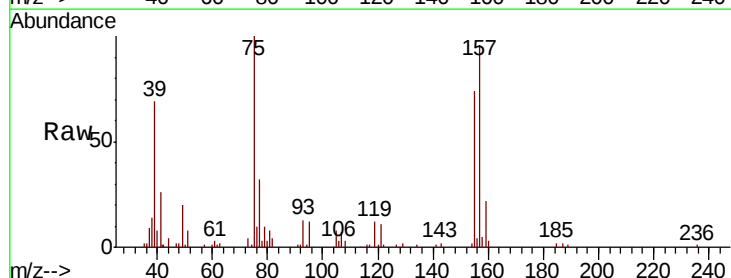
Manual Integrations
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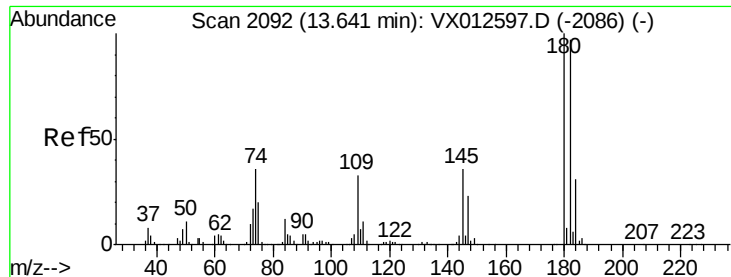
MMDadoda
 10/8/2019 2:07:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.894 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.3	38.6	115.8
157	100.7	50.6	151.9





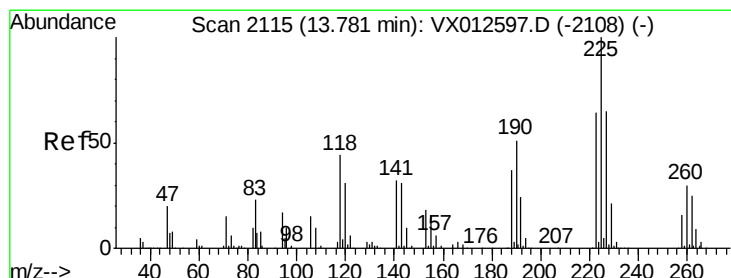
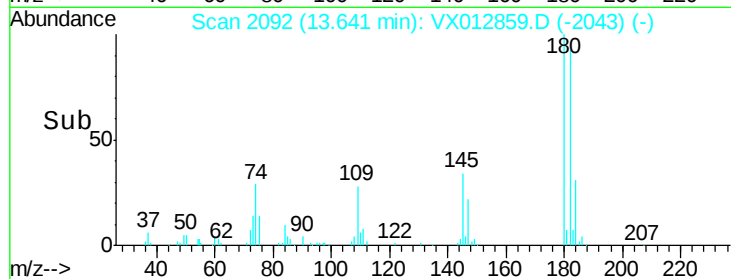
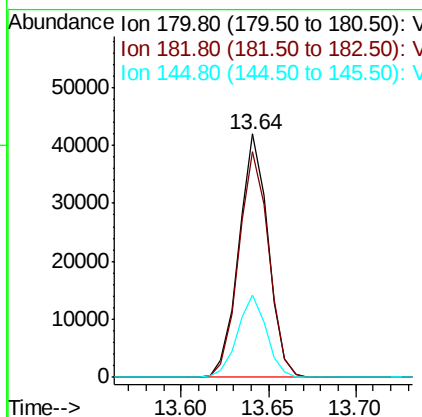
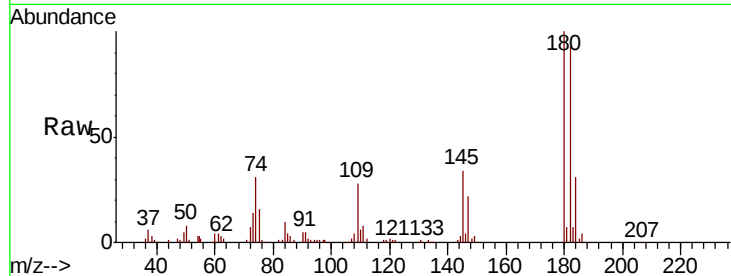
#93
 1,2,4-Trichlorobenzene
 Concen: 19.535 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48735		
182	95.2	47.0	141.0	
145	33.5	16.8	50.4	

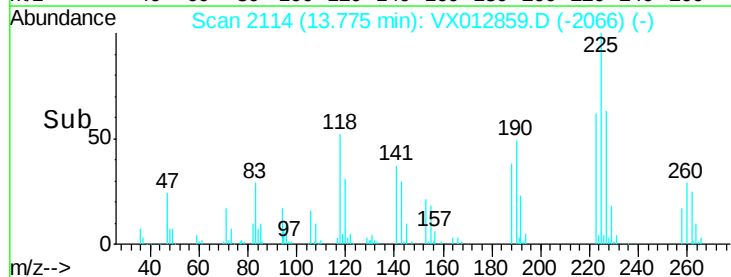
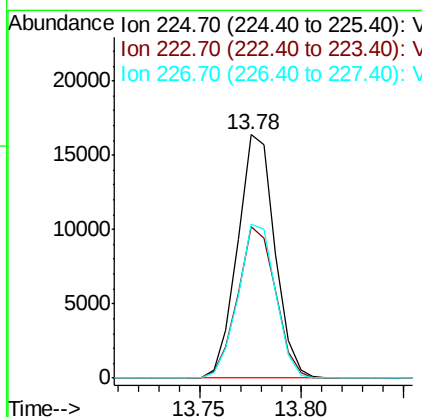
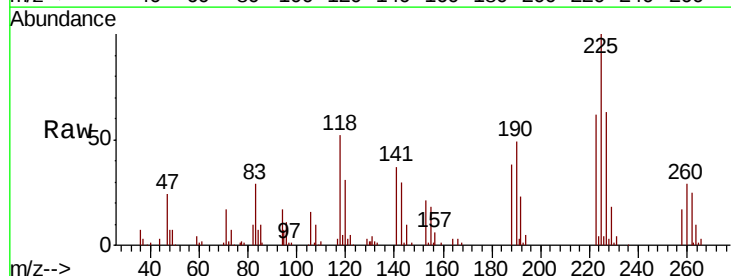
Manual Integrations
 APPROVED

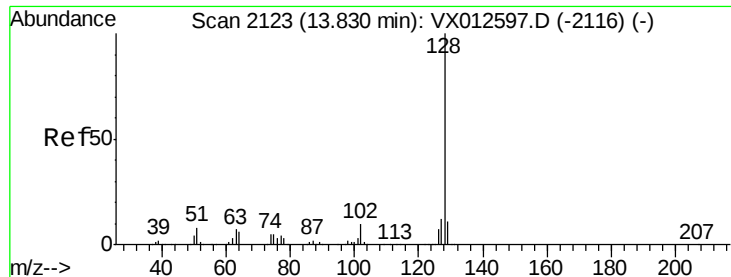
MMDadoda
 10/8/2019 2:07:20 PM



#94
 Hexachlorobutadiene
 Concen: 19.345 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012859.D
 Acq: 08 Oct 2019 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20762		
223	63.5	32.0	96.2	
227	63.5	31.9	95.5	





#95

Naphthalene

Concen: 19.809 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Instrument :

MSVOA_X

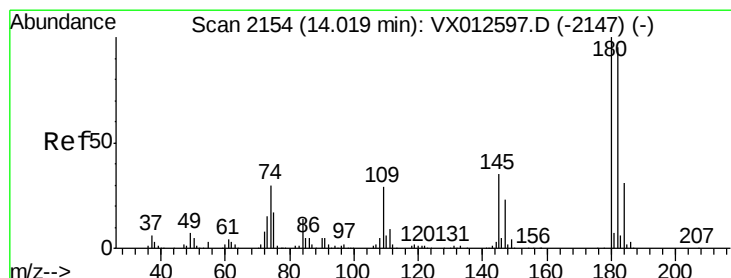
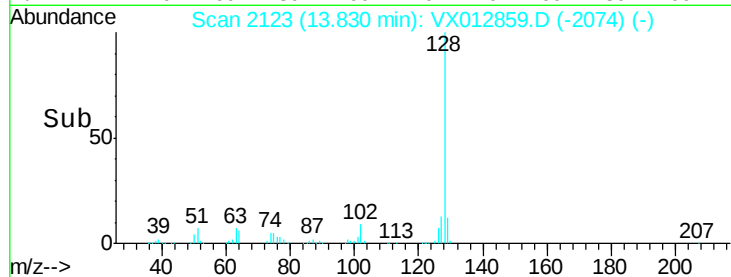
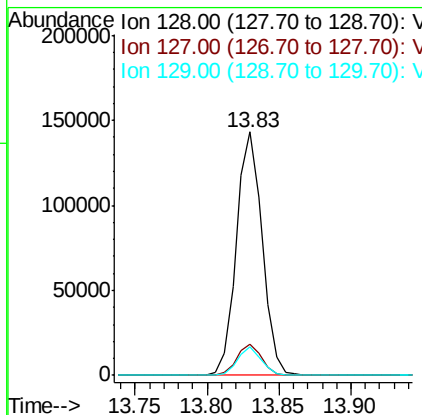
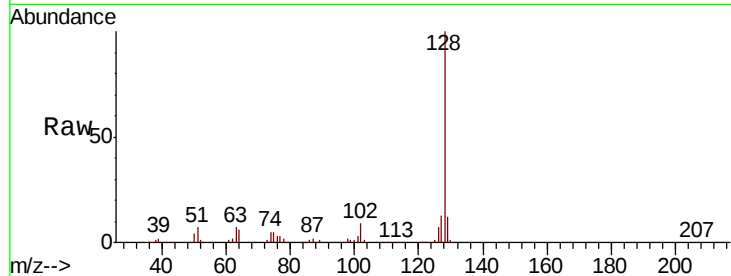
ClientSampleId :

VX1007WBSD02

Tot Ion:	128	Resp:	178798
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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10/8/2019 2:07:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.304 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012859.D

Acq: 08 Oct 2019 00:10

Tgt Ion:	180	Resp:	50742
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.1	141.3
145	33.8	18.0	54.0

