

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013097.D
 Acq On : 16 Oct 2019 15:51
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 4:52:17 PM

Quant Time: Oct 17 03:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	31447	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	168702	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	157550	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	70960	29.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.10%
60) 4-Bromofluorobenzene	11.13	95	82636	29.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.90%
63) Toluene-d8	8.71	98	211564	29.43	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	35906	16.936	ug/l 96
3) Chloromethane	1.32	50	38970	18.726	ug/l 100
4) Vinyl Chloride	1.40	62	36638	17.650	ug/l 95
5) Bromomethane	1.63	94	20413	21.042	ug/l 98
6) Chloroethane	1.72	64	23620	18.508	ug/l 97
7) Trichlorofluoromethane	1.92	101	52077	17.074	ug/l 99
8) Diethyl Ether	2.18	74	23025	20.512	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32876	17.099	ug/l 98
10) 1,1-Dichloroethene	2.36	96	32907	17.397	ug/l 95
11) Methyl Iodide	2.50	142	37328	16.136	ug/l 99
12) Methyl Acetate	2.76	43	52584	19.880	ug/l 98
13) Acrolein	2.28	56	33659	88.434	ug/l 97
14) Acrylonitrile	3.12	53	109738	99.398	ug/l 99
15) Acetone	2.43	58	37899	96.967	ug/l 91
16) Carbon Disulfide	2.56	76	85818	16.777	ug/l 99
17) Allyl chloride	2.72	41	61050	19.020	ug/l 97
18) Methylene Chloride	2.84	84	42020	19.527	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	38786	19.151	ug/l 94
20) Diisopropyl ether	3.84	45	125039	20.304	ug/l 94
21) 1,1-Dichloroethane	3.68	63	69378	19.536	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	45682	19.626	ug/l 97
23) tert-Butyl Alcohol	3.03	59	52050	93.313	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	131023	20.324	ug/l 99
25) Chloroform	5.20	83	71190	19.386	ug/l 97
26) Cyclohexane	5.57	56	55070	17.065	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	48983	19.035	ug/l 99
30) 2-Butanone	4.65	43	162172	106.993	ug/l 99
31) 2,2-Dichloropropane	4.56	77	56662	19.464	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	58502	19.434	ug/l 99
33) Carbon Tetrachloride	5.78	117	48324	18.711	ug/l 92
34) Benzene	6.13	78	158622	20.764	ug/l 98
35) Methacrylonitrile	5.02	41	32564	21.909	ug/l 96
36) 1,2-Dichloroethane	6.18	62	60211	21.799	ug/l 100
37) Trichloroethene	7.20	130	41009	20.093	ug/l 97
38) Methylcyclohexane	7.45	83	57504	18.258	ug/l 100
39) 1,2-Dichloropropane	7.50	63	40962	21.351	ug/l 98
40) Dibromomethane	7.65	93	28501	21.876	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	52967	20.476	ug/l	99
42) Vinyl Acetate	3.80	43	542142	109.224	ug/l	100
43) Ethyl Acetate	4.81	43	58985	21.624	ug/l #	83
44) Isopropyl Acetate	6.43	43	96597	21.959	ug/l	99
45) 1,4-Dioxane	7.73	88	23366	432.200	ug/l	99
46) Methyl methacrylate	7.76	41	45638	21.227	ug/l	92
47) n-amyl Acetate	10.89	43	77104	20.587	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	59259	20.698	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	64981	20.574	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	41382	21.046	ug/l	99
51) Ethyl methacrylate	9.17	69	65510	21.184	ug/l	99
52) 1,3-Dichloropropane	9.37	76	71167	21.566	ug/l	99
53) Dibromochloromethane	9.57	129	41244	20.426	ug/l	98
54) 1,2-Dibromoethane	9.67	107	44359	21.449	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	140666	103.393	ug/l	99
56) Bromoform	10.85	173	26918	19.157	ug/l	97
58) 4-Methyl-2-Pentanone	8.63	43	293515	102.387	ug/l	100
59) 2-Hexanone	9.48	43	227693	101.783	ug/l	99
61) Tetrachloroethene	9.33	164	38961	19.410	ug/l	92
62) Toluene	8.78	91	169762	19.827	ug/l	99
64) Chlorobenzene	10.14	112	108156	19.876	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	39303	19.665	ug/l	98
66) Ethyl Benzene	10.25	91	190140	19.457	ug/l	97
67) m/p-Xylenes	10.36	106	144967	39.430	ug/l	98
68) o-Xylene	10.69	106	70789	19.772	ug/l	100
69) Styrene	10.71	104	121203	19.665	ug/l	99
70) Isopropylbenzene	11.01	105	182117	19.045	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	62339	20.032	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	52414m	20.256	ug/l	
73) Bromobenzene	11.25	156	45611	19.999	ug/l	96
74) n-propylbenzene	11.35	91	204188	19.117	ug/l	99
75) 2-Chlorotoluene	11.42	91	125722	19.214	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	155306	19.087	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	18933	18.907	ug/l	97
78) 4-Chlorotoluene	11.51	91	143108	18.914	ug/l	98
79) tert-butylbenzene	11.76	119	138090	18.041	ug/l	97
80) 1,2,4-Trimethylbenzene	11.81	105	154733	19.068	ug/l	97
81) sec-Butylbenzene	11.94	105	161248	17.488	ug/l	100
82) p-Isopropyltoluene	12.06	119	152163	18.097	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	81324	19.673	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	79861	19.208	ug/l	98
85) n-Butylbenzene	12.39	91	125175	17.442	ug/l	98
86) Hexachloroethane	12.59	117	24778	17.006	ug/l	91
87) 1,2-Dichlorobenzene	12.39	146	78916	19.356	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	13931	19.495	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	47614	18.718	ug/l	100
90) Hexachlorobutadiene	13.78	225	20971	17.369	ug/l	95
91) Naphthalene	13.83	128	161817	18.703	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	49138	19.285	ug/l	97

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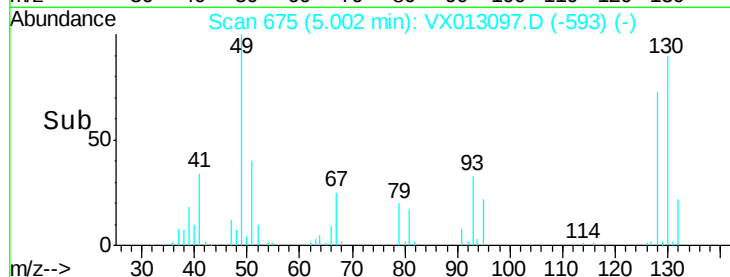
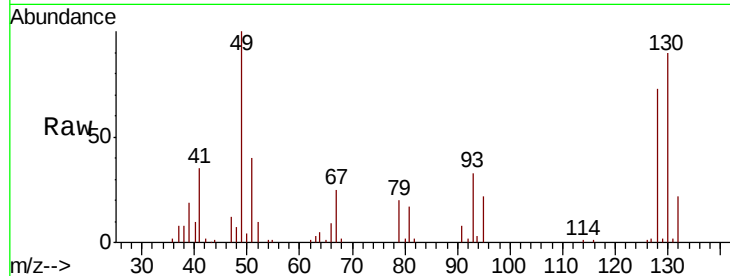
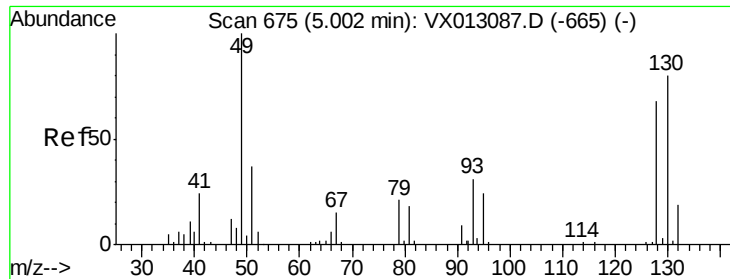
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tot Ion:	128	Resp:	31447
Ion	Ratio	Lower	Upper
128	100		
49	152.9	0.0	382.3
130	128.6	0.0	321.8

Instrument :

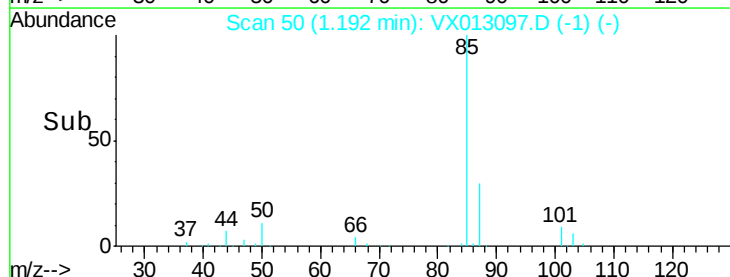
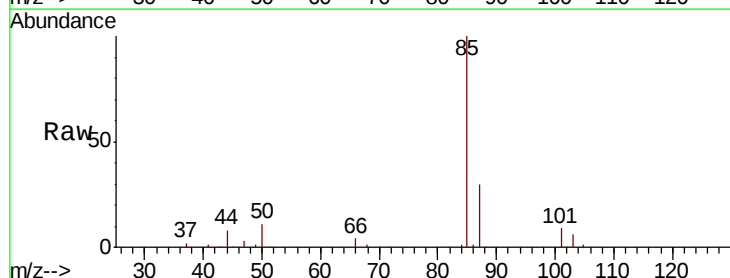
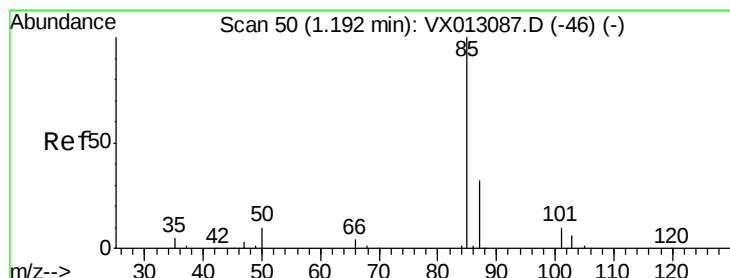
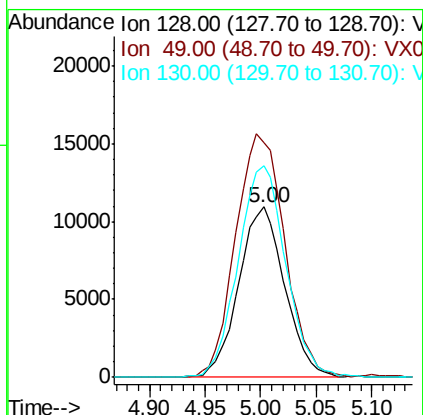
MSVOA_X

ClientSampleId :

VSTDCCC020EC

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 16.936 ug/l

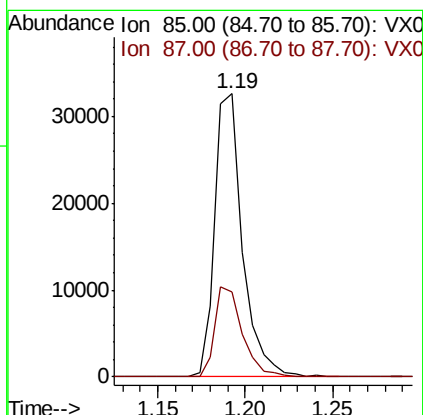
RT: 1.19 min Scan# 50

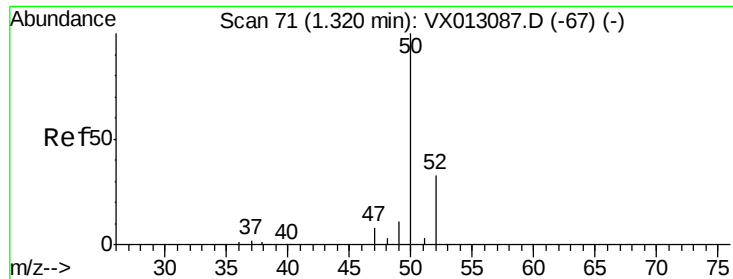
Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tgt Ion:	85	Resp:	35906
Ion	Ratio	Lower	Upper
85	100		
87	30.0	16.2	48.5





#3

Chloromethane

Concen: 18.726 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 38970

Ion Ratio Lower Upper

50 100

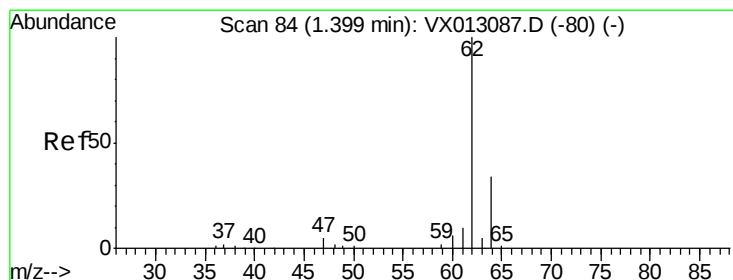
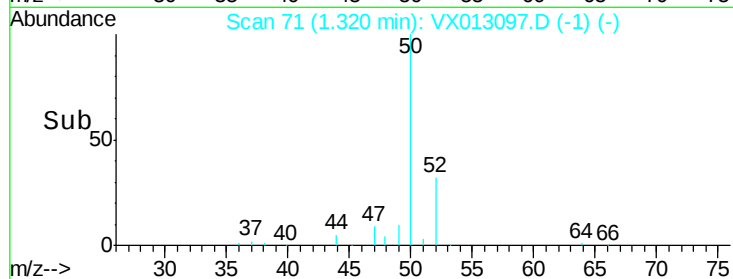
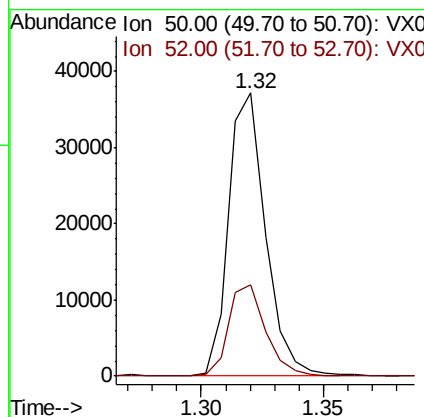
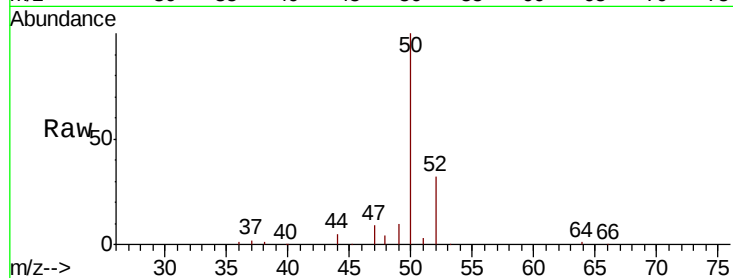
52 32.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.650 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013097.D

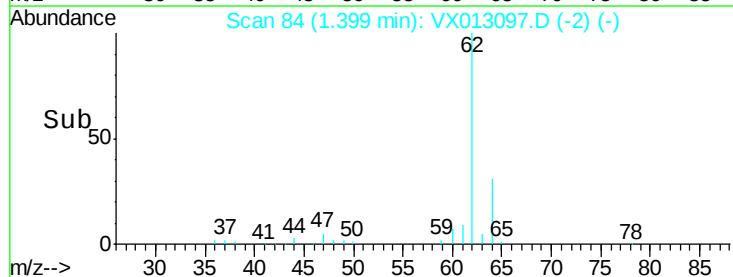
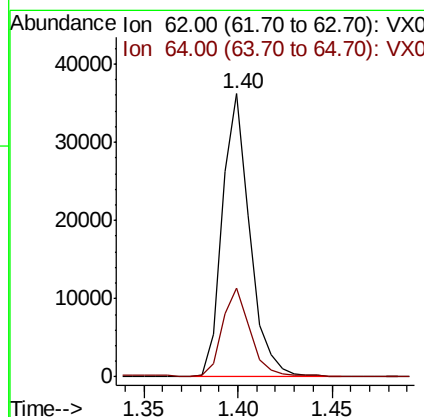
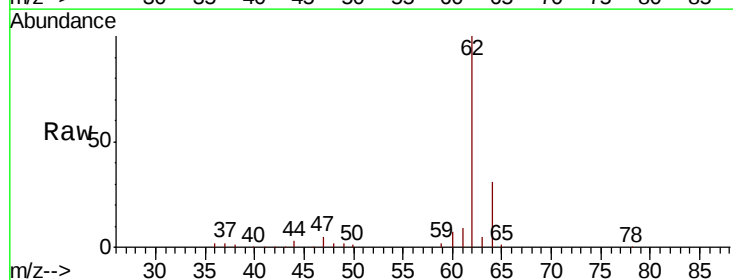
Acq: 16 Oct 2019 15:51

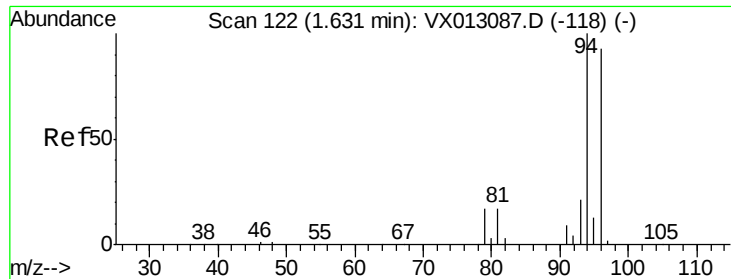
Tgt Ion: 62 Resp: 36638

Ion Ratio Lower Upper

62 100

64 31.1 27.4 41.0





#5

Bromomethane

Concen: 21.042 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 20413

Ion Ratio Lower Upper

94 100

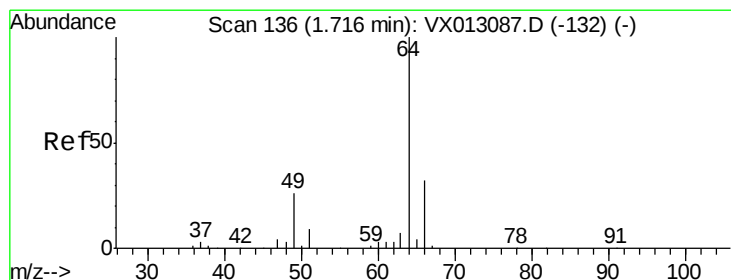
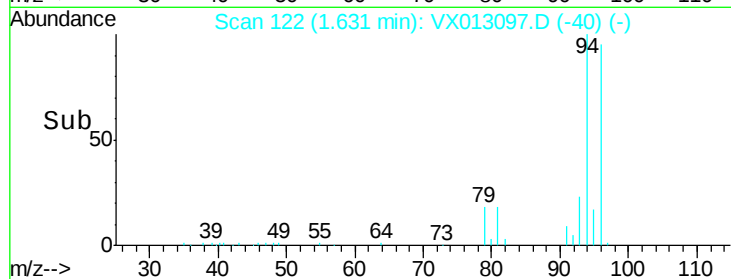
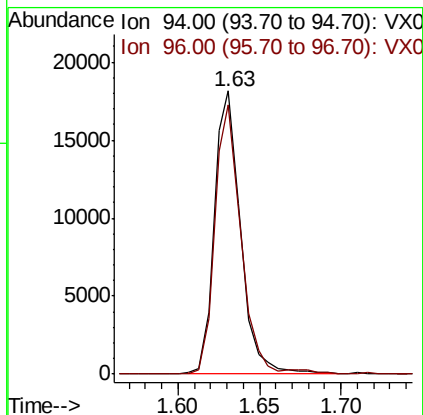
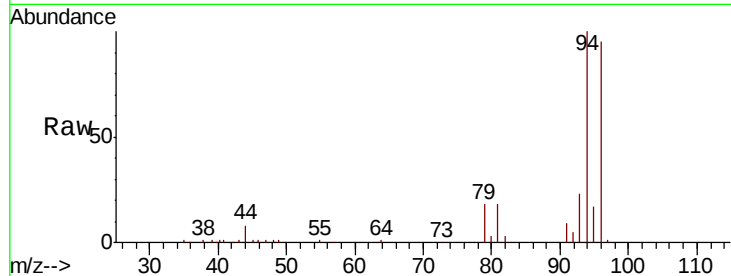
96 94.9 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 18.508 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013097.D

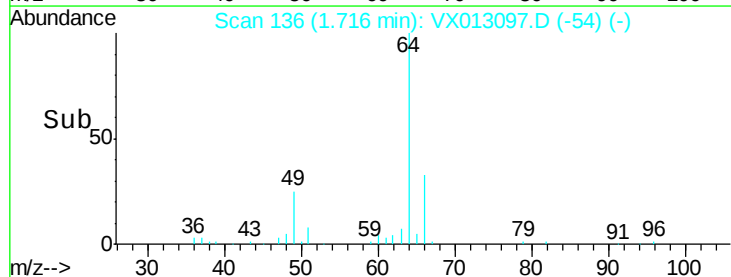
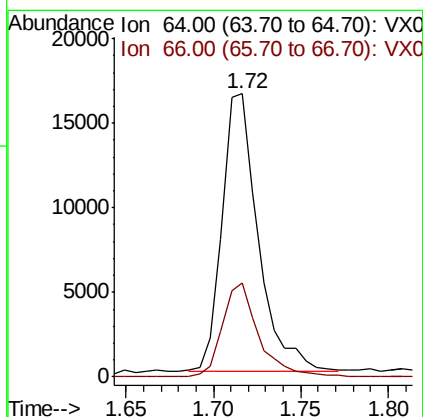
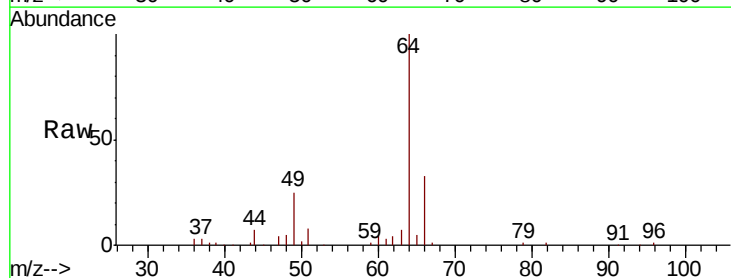
Acq: 16 Oct 2019 15:51

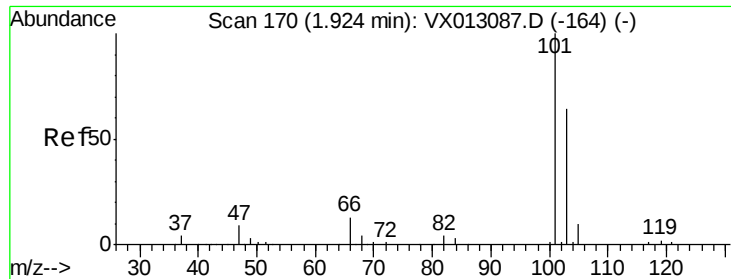
Tgt Ion: 64 Resp: 23620

Ion Ratio Lower Upper

64 100

66 33.9 25.6 38.4





#7

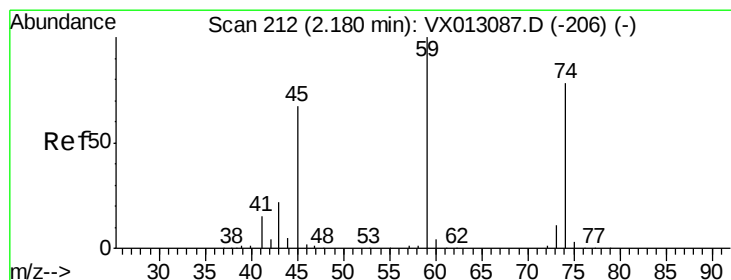
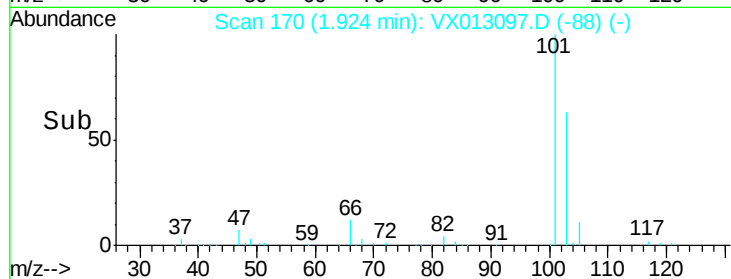
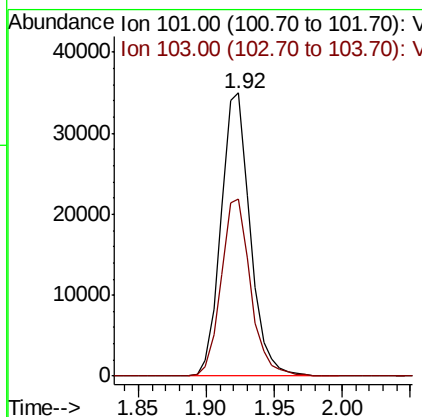
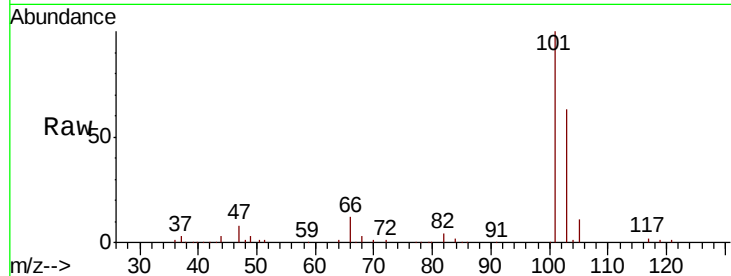
Trichlorofluoromethane
Concen: 17.074 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013097.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	50.9	76.3

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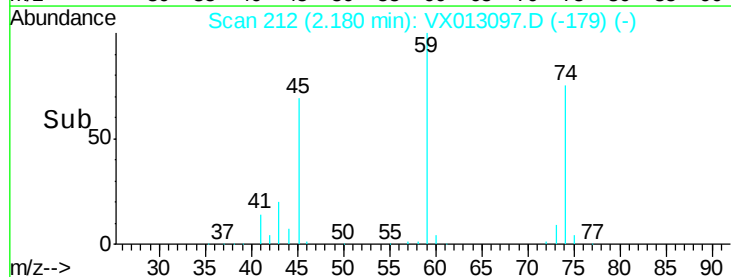
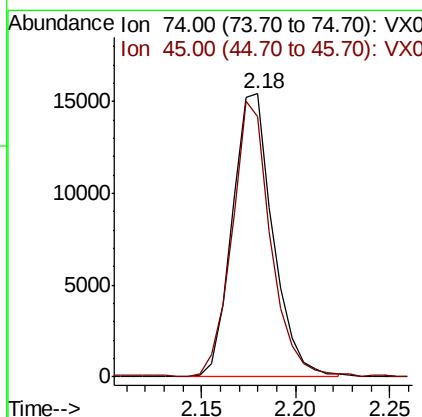
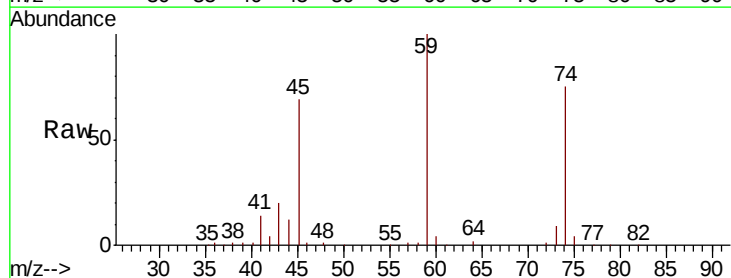
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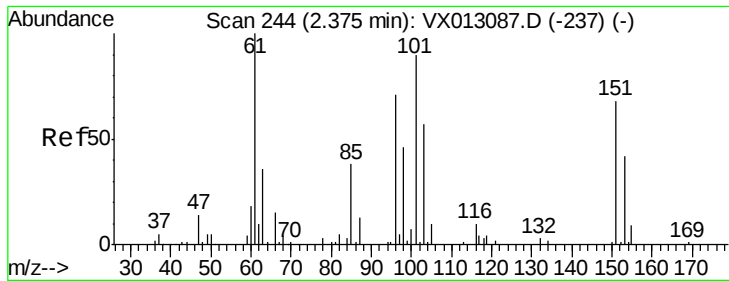


#8

Diethyl Ether
Concen: 20.512 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	18.2	163.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.099 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

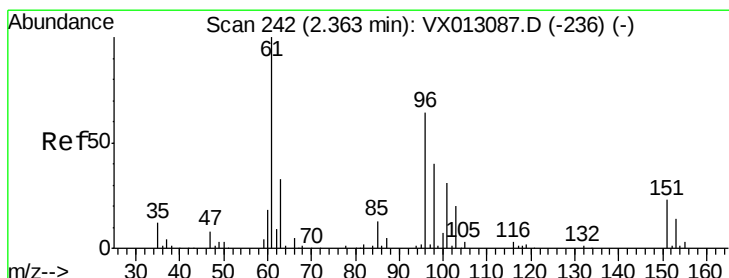
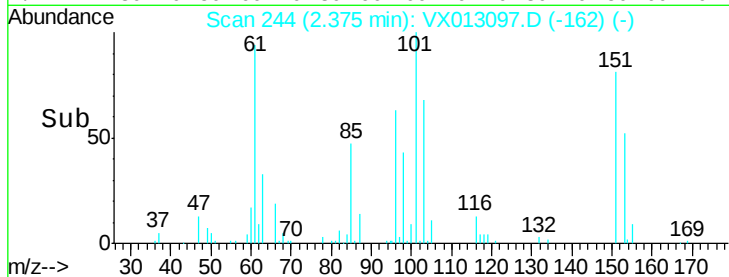
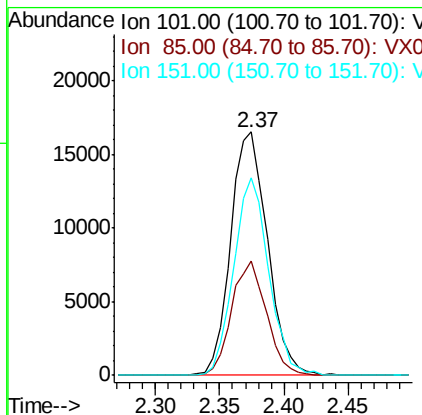
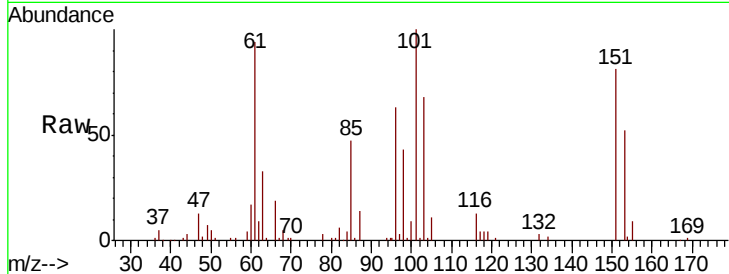
ClientSampleId :

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Tot Ion:	101	Resp:	32876
Ion Ratio	Lower	Upper	
101	100		
85	44.3	0.0	85.2
151	76.9	0.0	157.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.397 ug/l

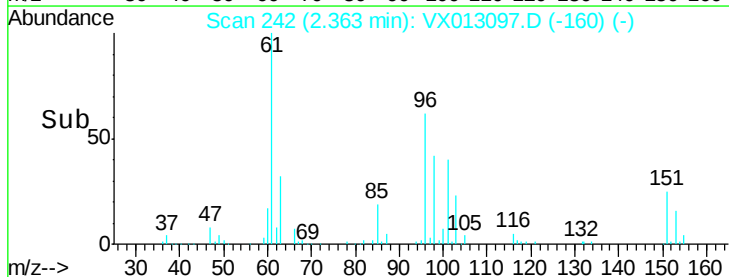
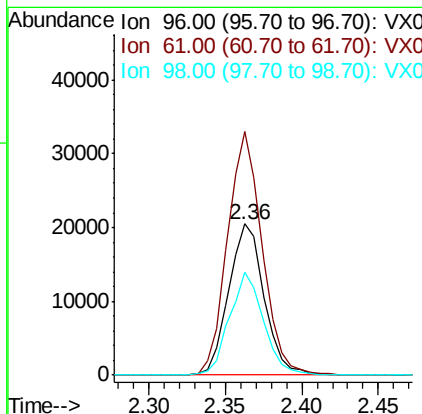
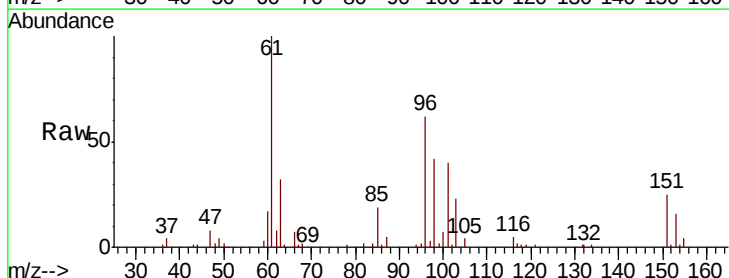
RT: 2.36 min Scan# 242

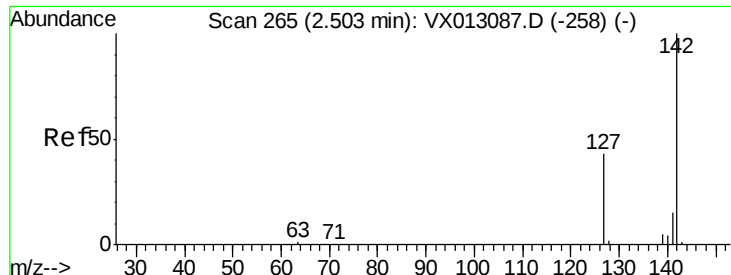
Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tgt Ion:	96	Resp:	32907
Ion Ratio	Lower	Upper	
96	100		
61	160.5	124.2	186.2
98	67.6	50.2	75.2





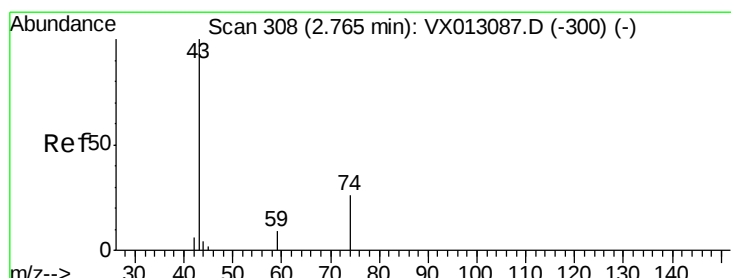
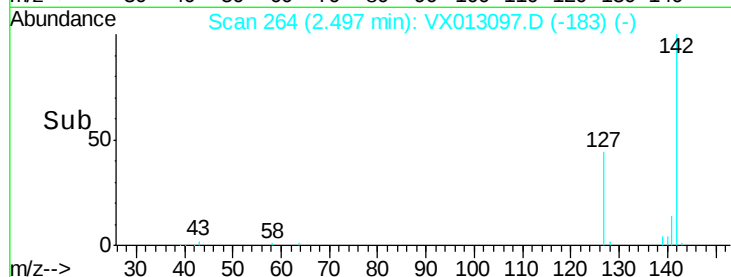
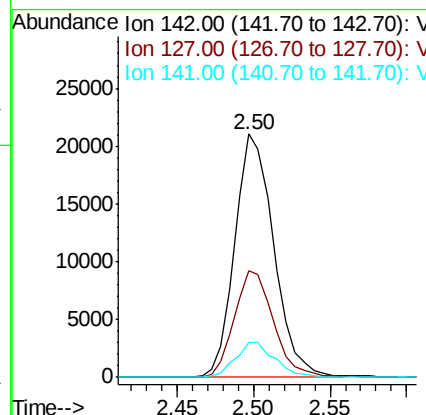
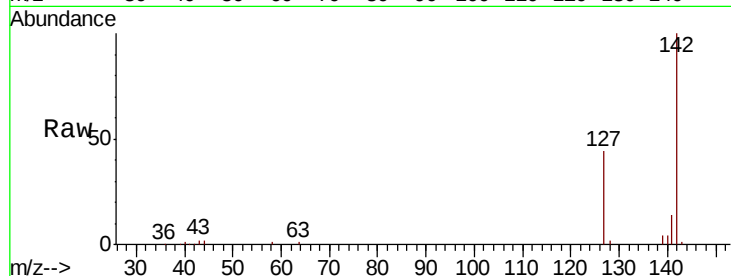
#11
Methyl Iodide
Concen: 16.136 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.9	21.4	64.2
141	14.4	7.3	21.9

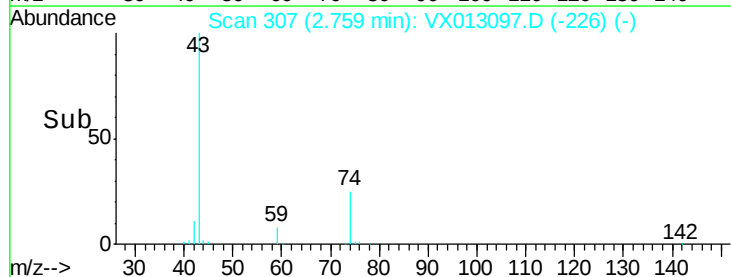
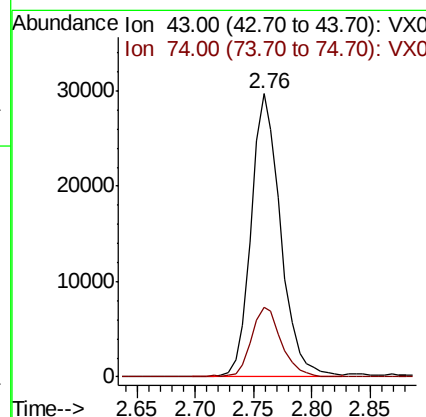
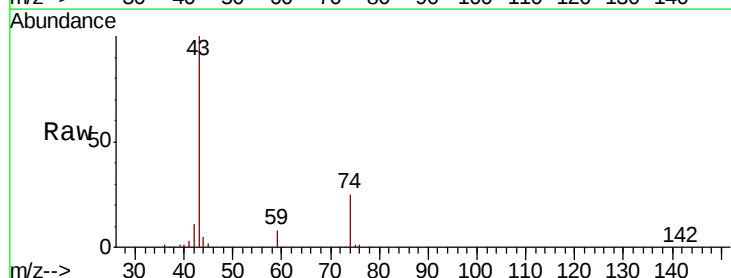
Manual Integrations
APPROVED

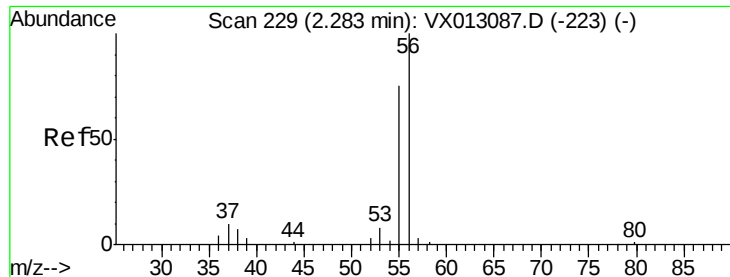
MMDadoda
10/18/2019 4:52:17 PM



#12
Methyl Acetate
Concen: 19.880 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	20.9	31.3





#13

Acrolein

Concen: 88.434 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 33659

Ion Ratio Lower Upper

56 100

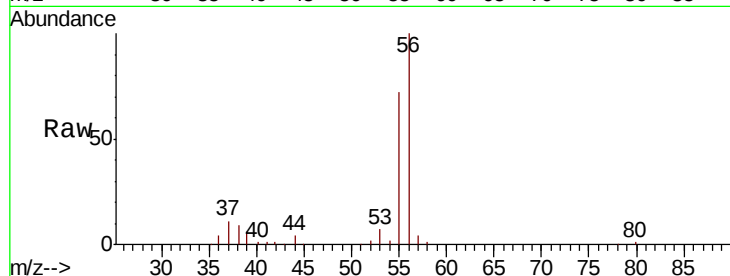
55 69.8 57.8 86.8

Manual Integrations

APPROVED

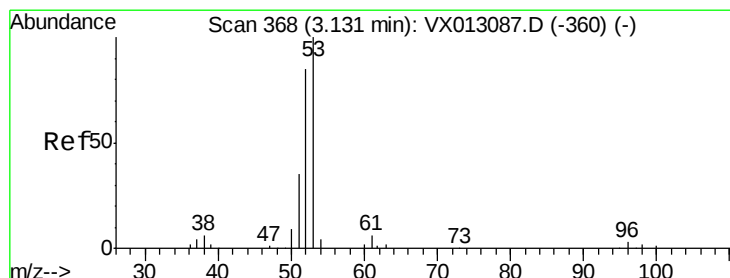
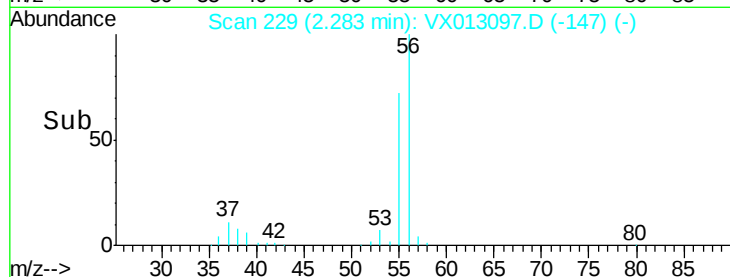
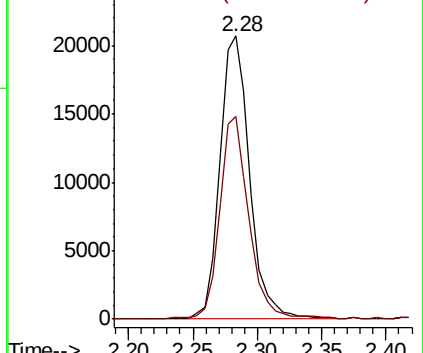
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 99.398 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

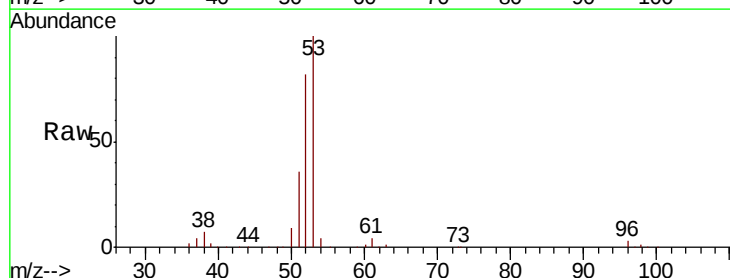
Tgt Ion: 53 Resp: 109738

Ion Ratio Lower Upper

53 100

52 81.7 41.4 124.2

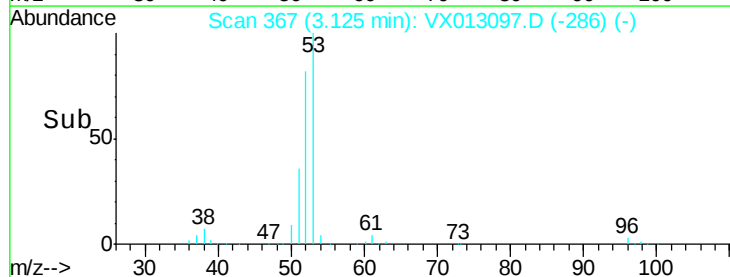
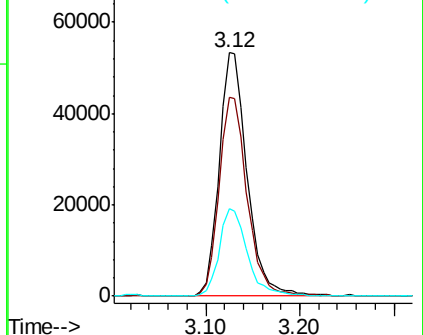
51 36.1 18.1 54.4

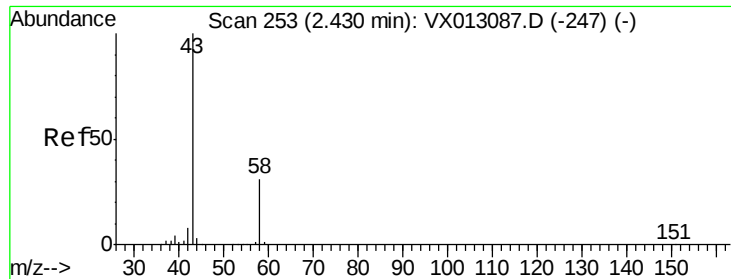


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 96.967 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 37899

Ion Ratio Lower Upper

58 100

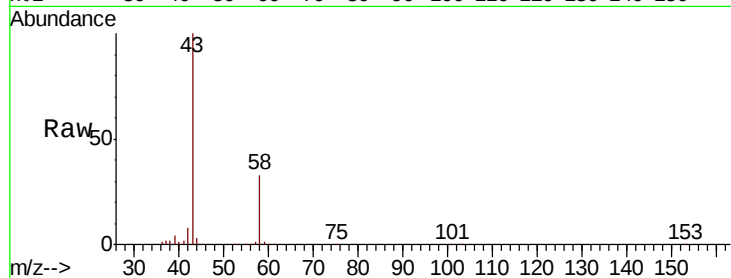
43 305.7 259.5 389.3

Manual Integrations

APPROVED

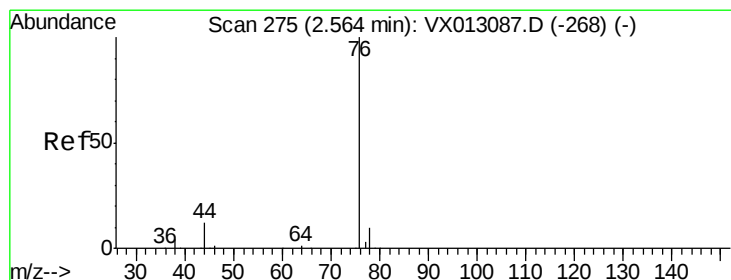
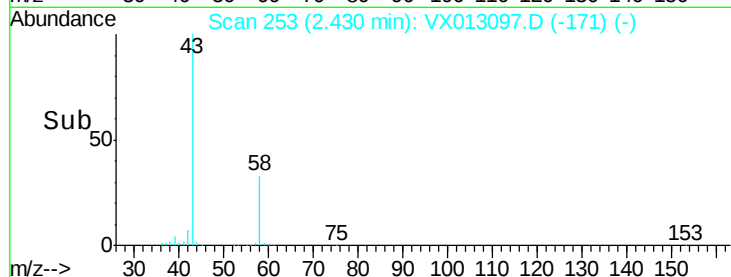
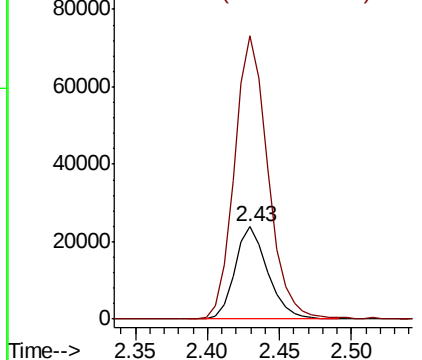
MMDadoda

10/18/2019 4:52:17 PM



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 16.777 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013097.D

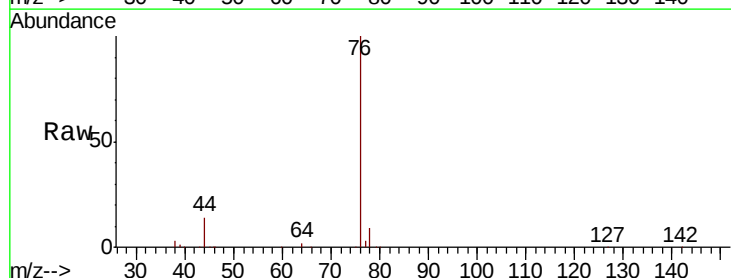
Acq: 16 Oct 2019 15:51

Tgt Ion: 76 Resp: 85818

Ion Ratio Lower Upper

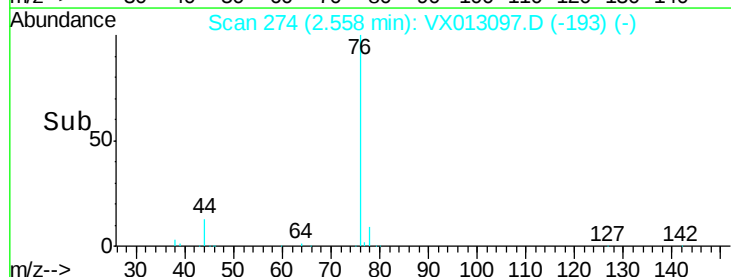
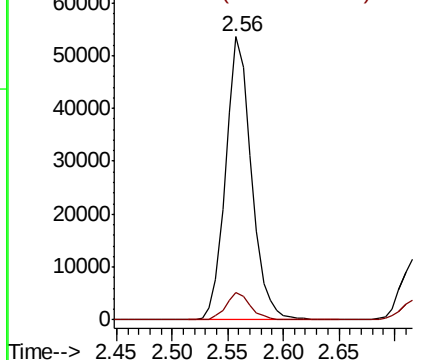
76 100

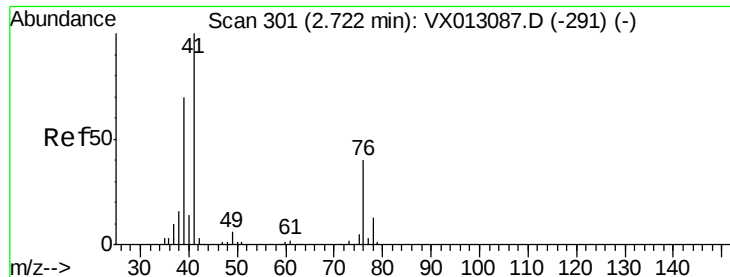
78 9.5 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





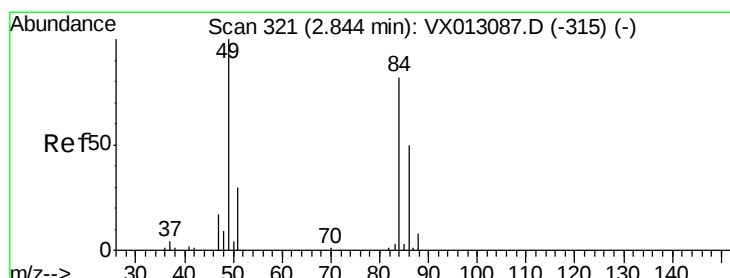
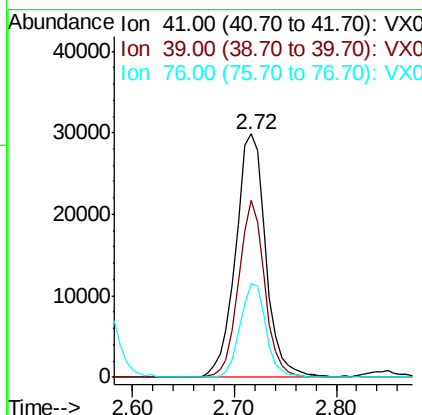
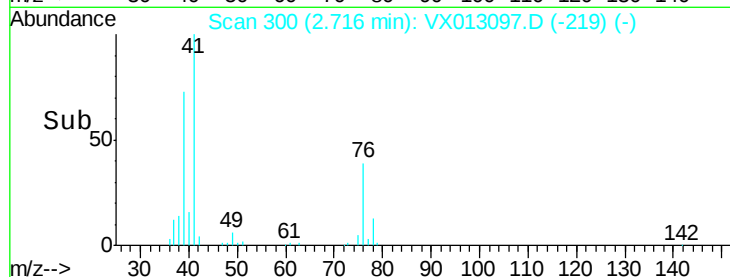
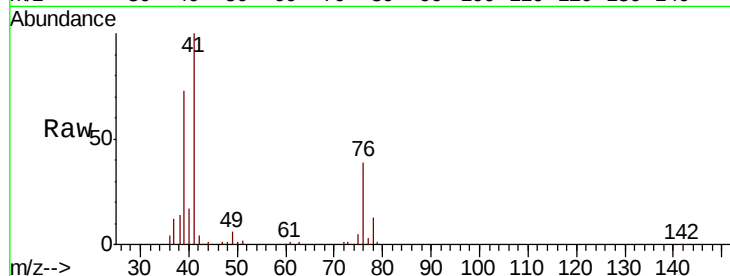
#17
Allvl chloride
Concen: 19.020 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.6	34.8	104.5
76	38.5	20.2	60.5

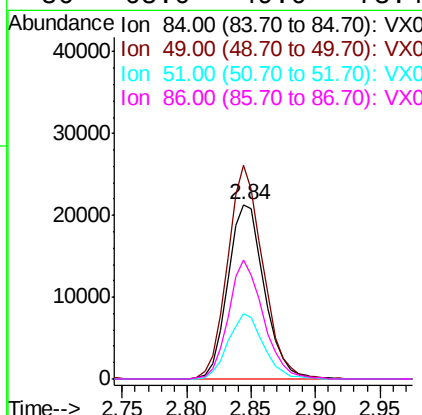
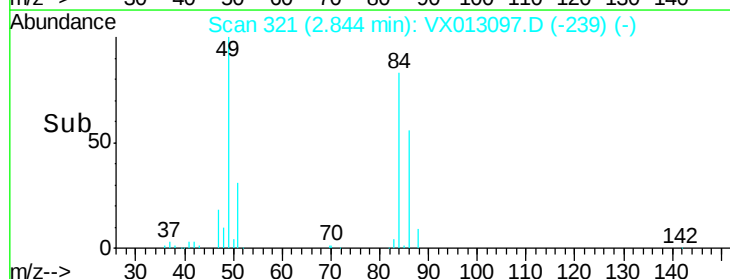
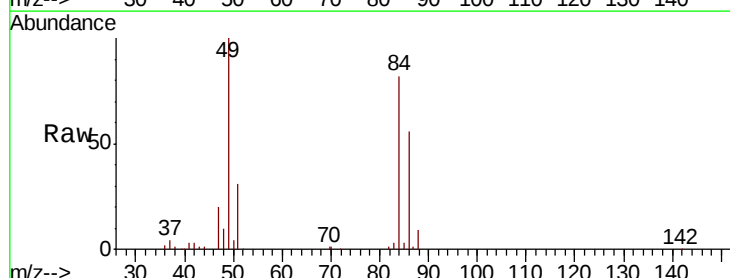
Manual Integrations
APPROVED

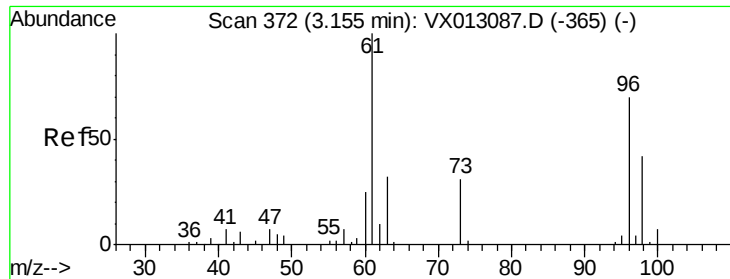
MMDadoda
10/18/2019 4:52:17 PM



#18
Methylene Chloride
Concen: 19.527 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	97.8	146.6
51	37.3	29.2	43.8
86	68.0	49.0	73.4





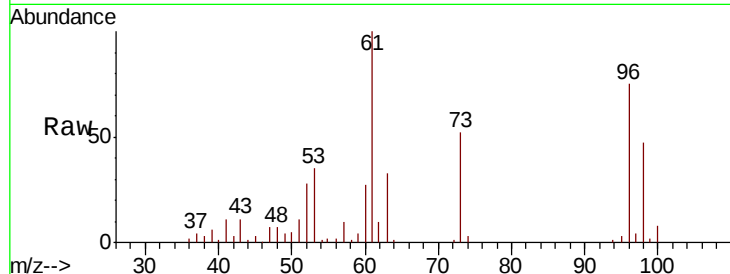
#19
trans-1,2-Dichloroethene
Concen: 19.151 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	113.9	170.9
98	62.8	48.1	72.1

Manual Integrations
APPROVED

MMDadoda
10/18/2019 4:52:17 PM

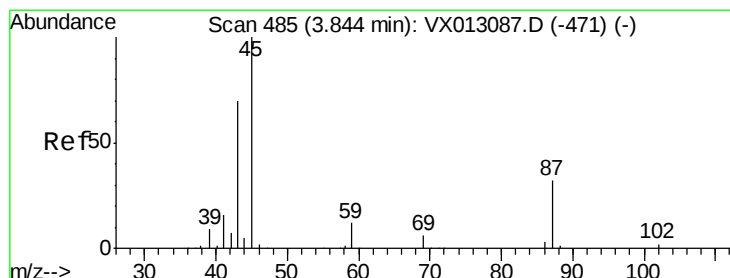
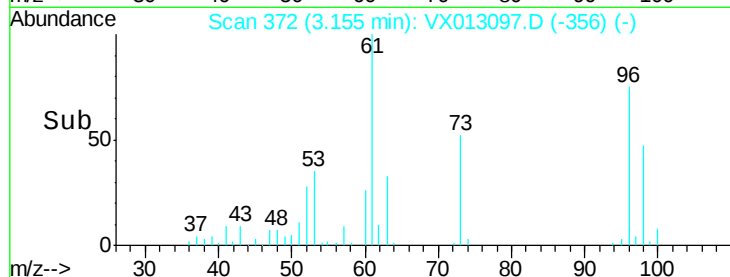
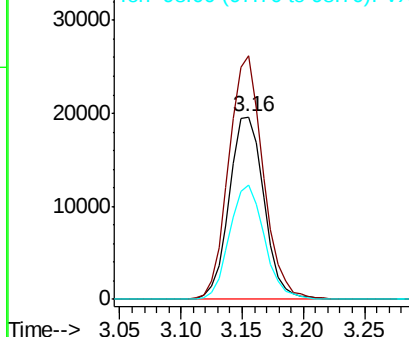


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20
Diisopropyl ether
Concen: 20.304 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.8	57.5	86.3
87	30.3	25.3	37.9
59	12.8	9.7	14.5

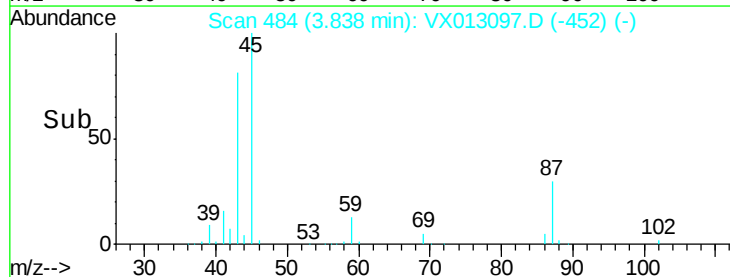
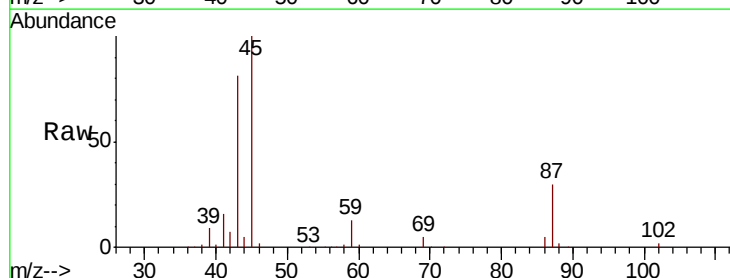
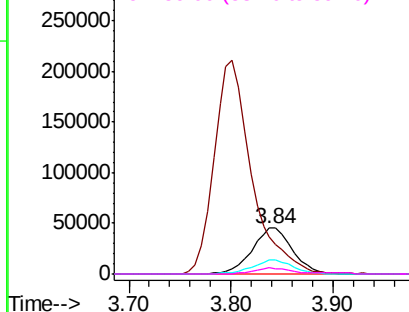
Abundance

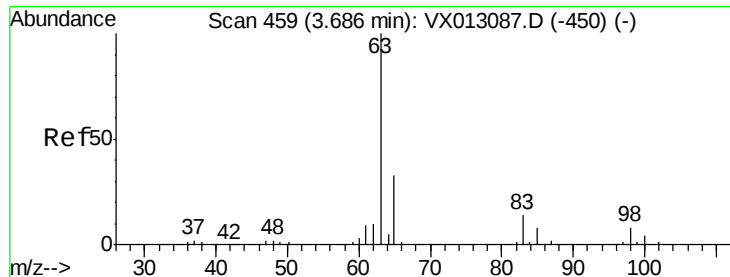
Ion 45.00 (44.70 to 45.70): VX0

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





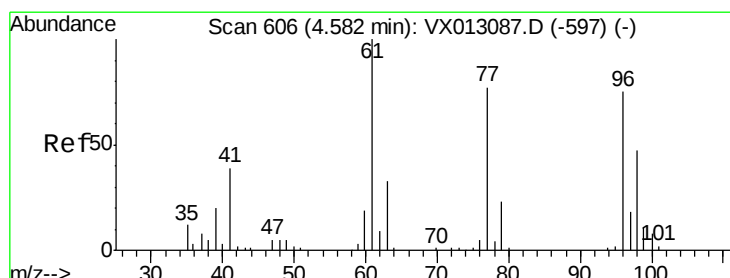
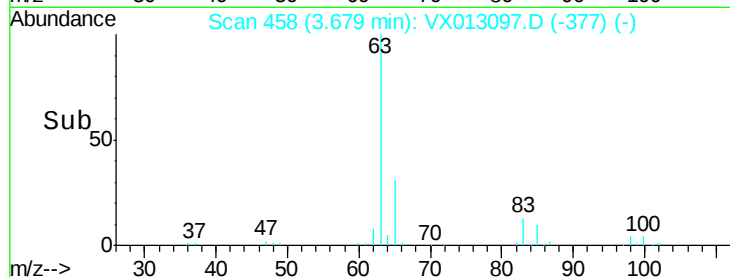
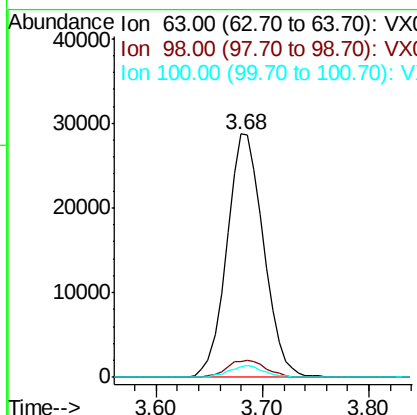
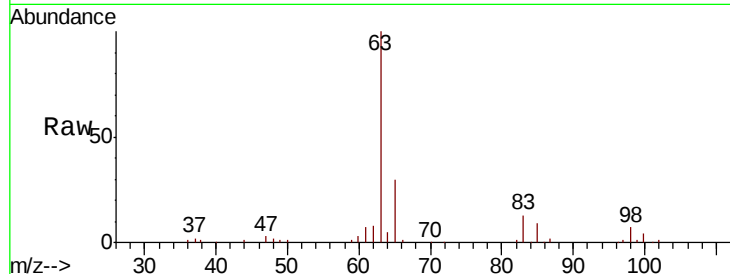
#21
1,1-Dichloroethane
Concen: 19.536 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.8	11.4
100	4.2	2.1	6.5

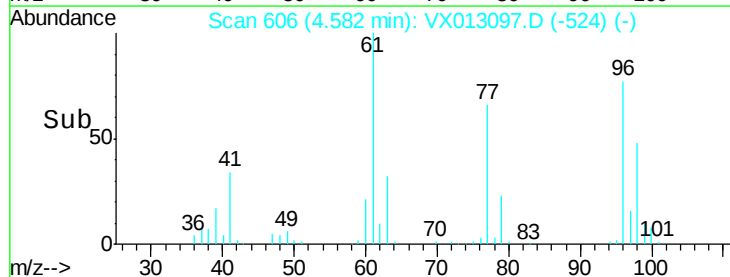
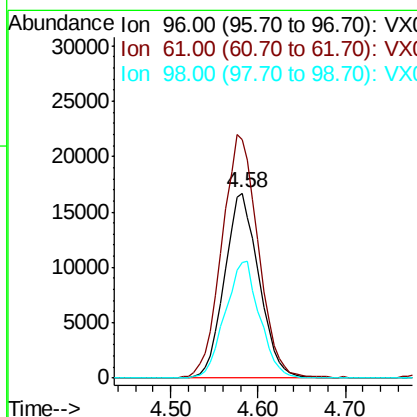
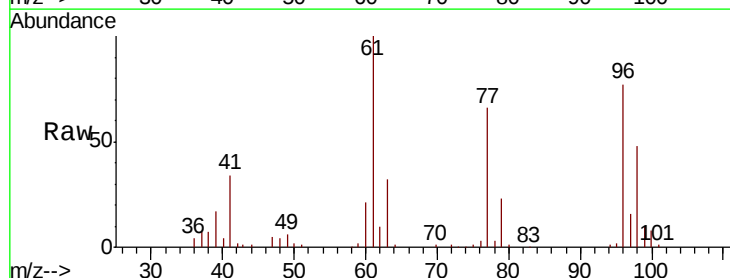
Manual Integrations
APPROVED

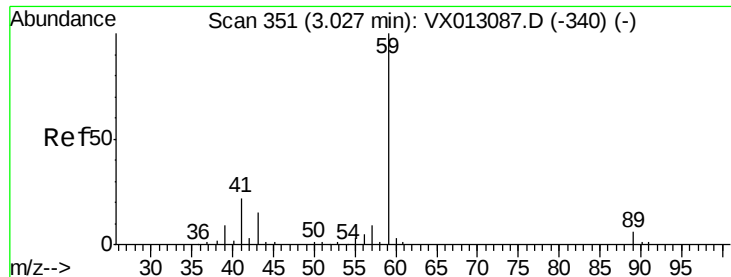
MMDadoda
10/18/2019 4:52:17 PM



#22
cis-1,2-Dichloroethene
Concen: 19.626 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.7	115.0	172.4
98	63.2	51.5	77.3





#23

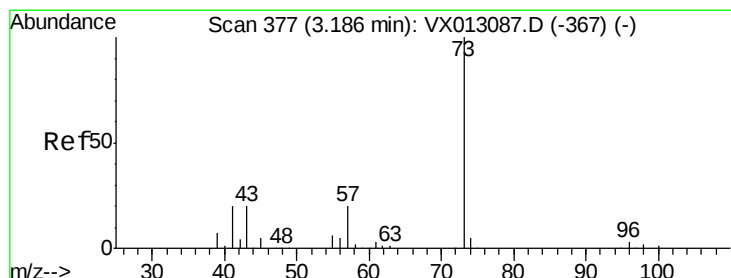
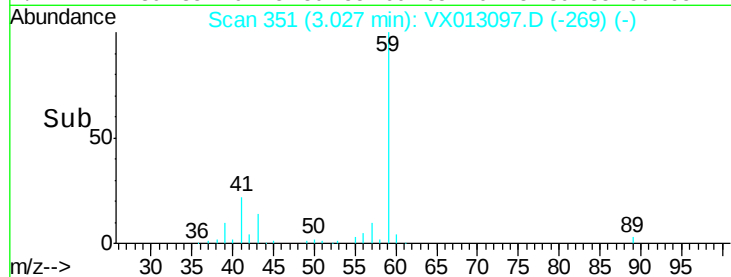
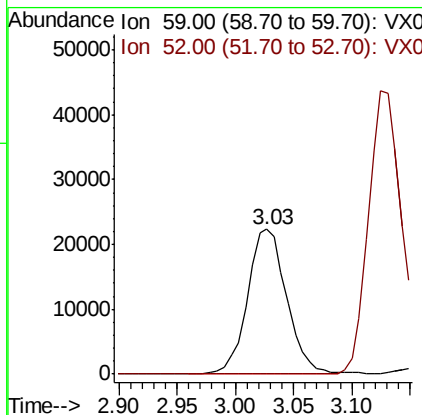
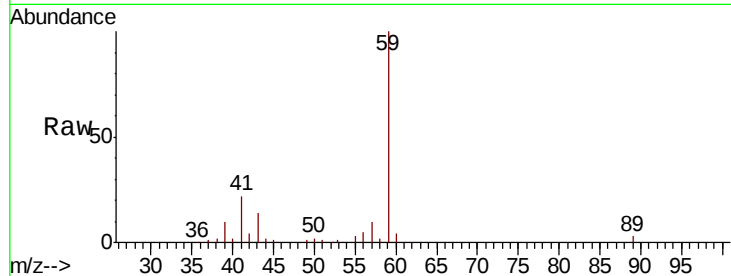
tert-Butyl Alcohol
 Concen: 93.313 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1

Manual Integrations
 APPROVED

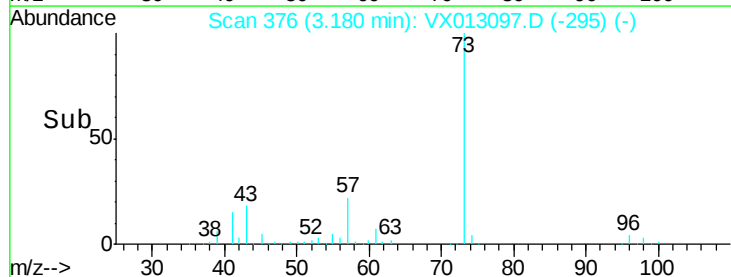
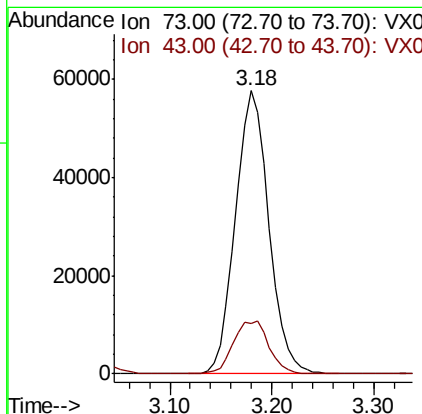
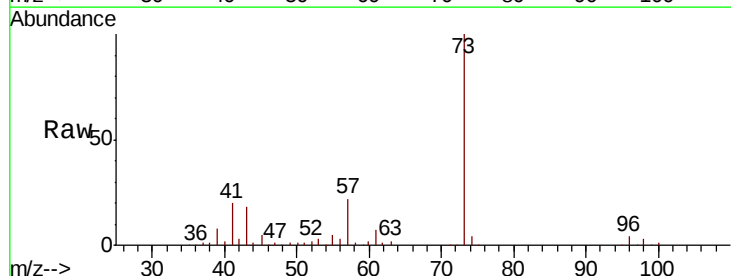
MMDadoda
 10/18/2019 4:52:17 PM

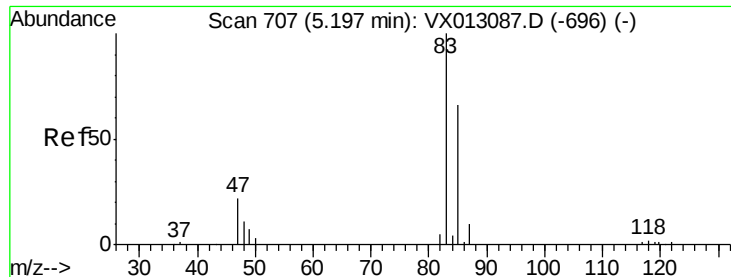


#24

Methyl tert-Butyl Ether
 Concen: 20.324 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.1	15.8	23.8





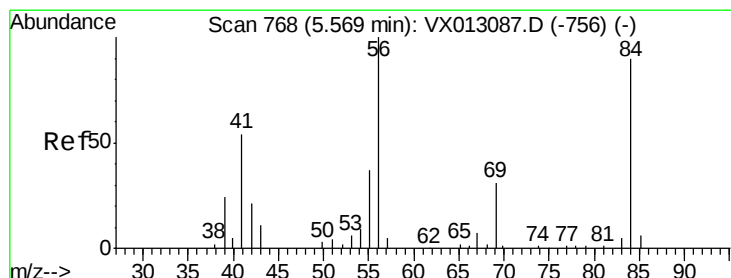
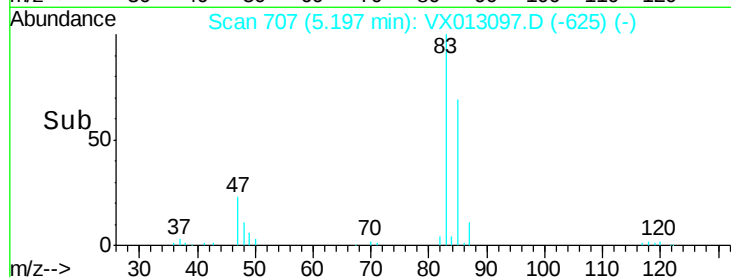
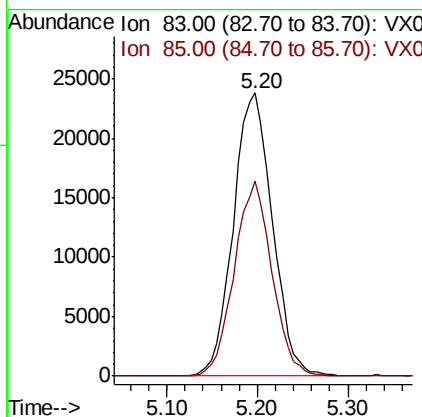
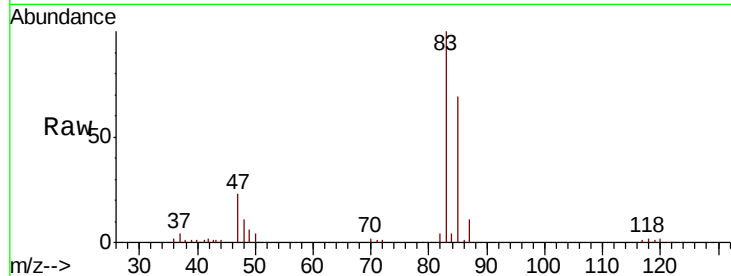
#25
Chloroform
Concen: 19.386 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 83 Resp: 71190
Ion Ratio Lower Upper
83 100
85 68.8 53.0 79.6

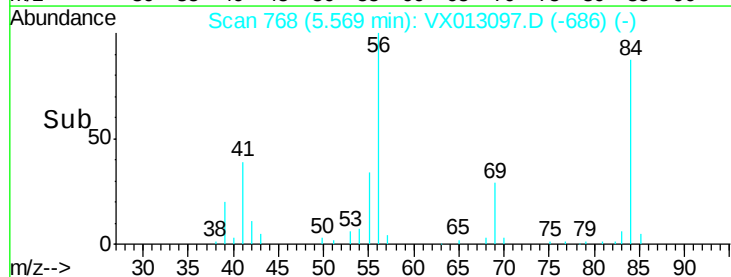
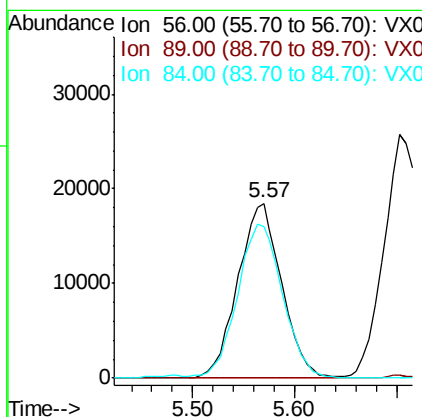
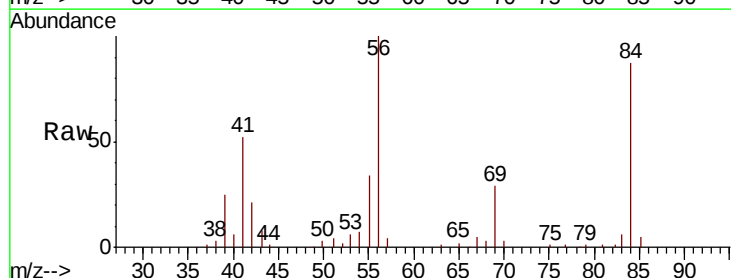
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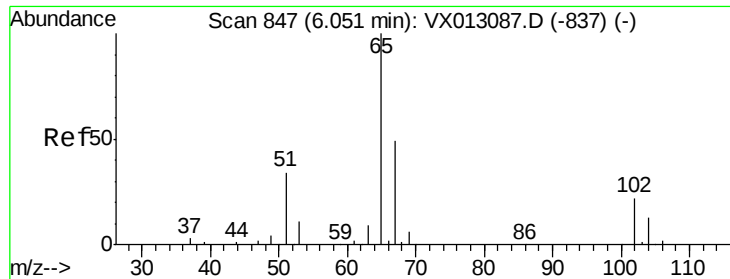
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#26
Cyclohexane
Concen: 17.065 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 56 Resp: 55070
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.7 71.3 106.9





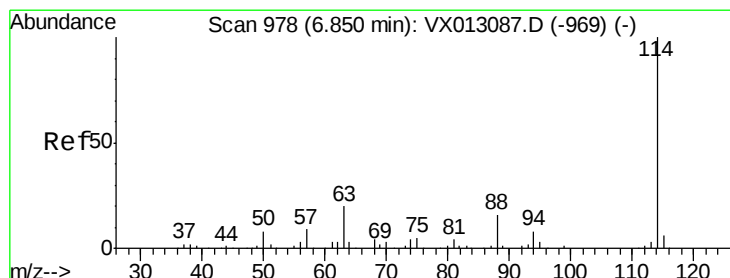
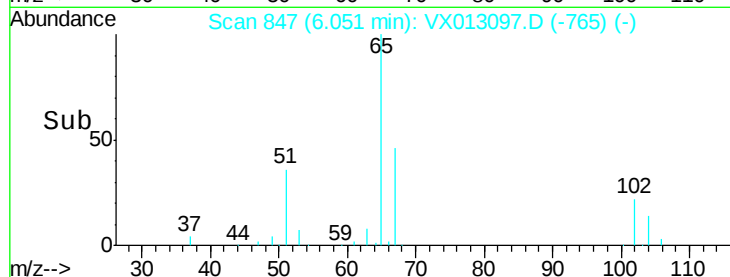
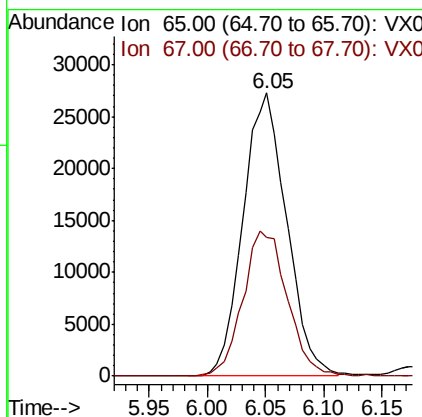
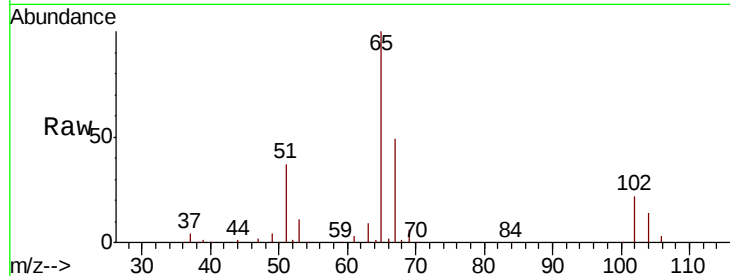
#27
 1,2-Dichloroethane-d4
 Concen: 29.426 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 65 Resp: 70960
 Ion Ratio Lower Upper
 65 100
 67 52.2 41.2 61.8

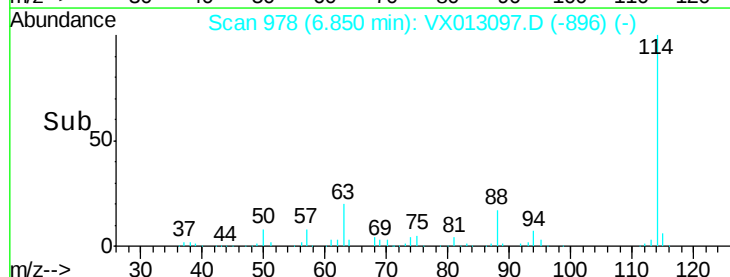
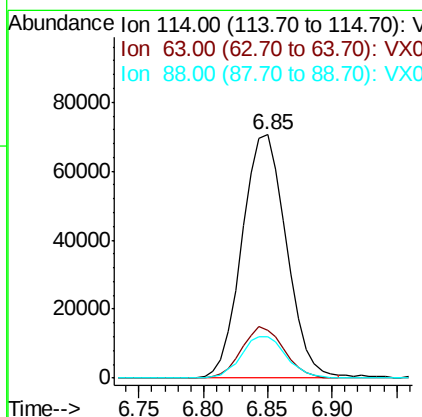
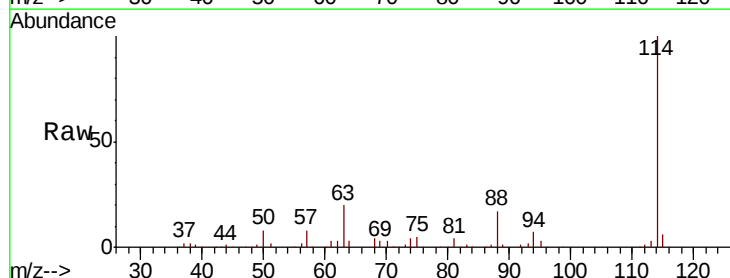
Manual Integrations
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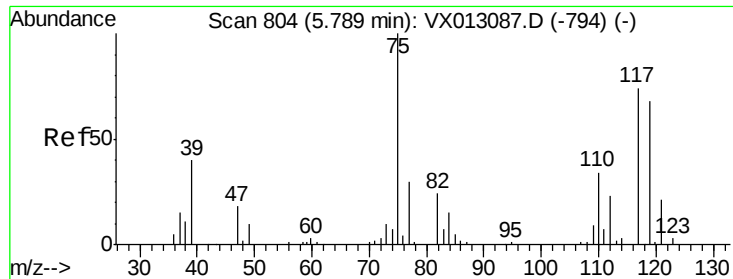
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion: 114 Resp: 168702
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.5 24.7
 88 17.2 13.6 20.4





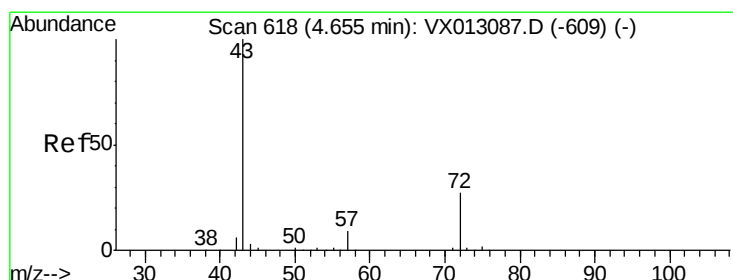
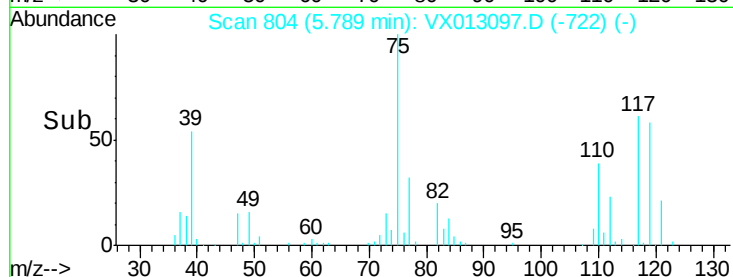
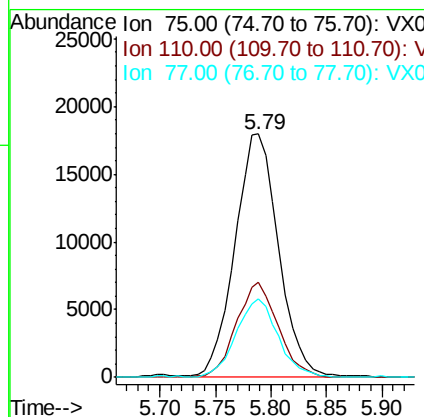
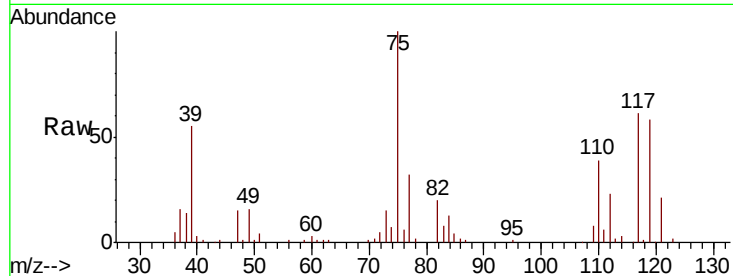
#29
 1,1-Dichloropropene
 Concen: 19.035 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	72.2
77	31.2	0.0	62.8

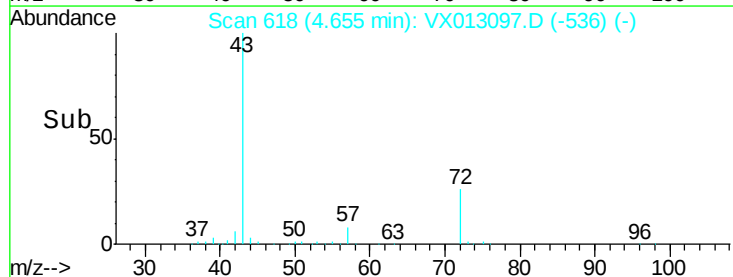
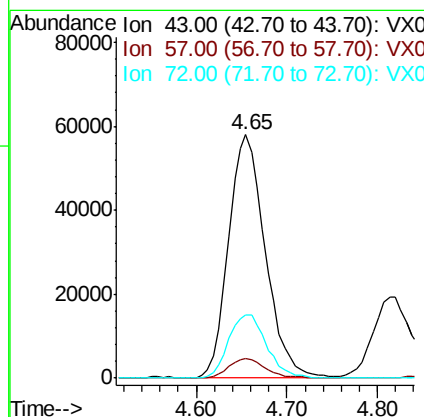
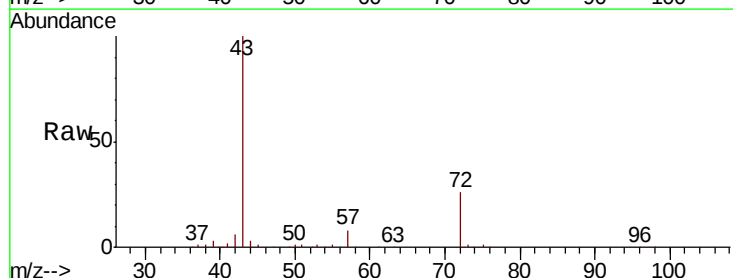
Manual Integrations
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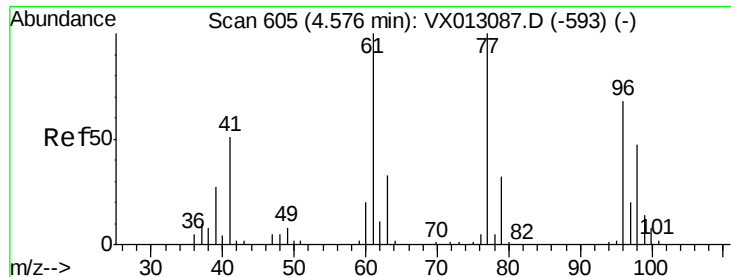
MMDadoda
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#30
 2-Butanone
 Concen: 106.993 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.9	10.3
72	27.2	22.1	33.1





#31

2,2-Dichloropropane

Concen: 19.464 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 56662

Ion Ratio Lower Upper

77 100

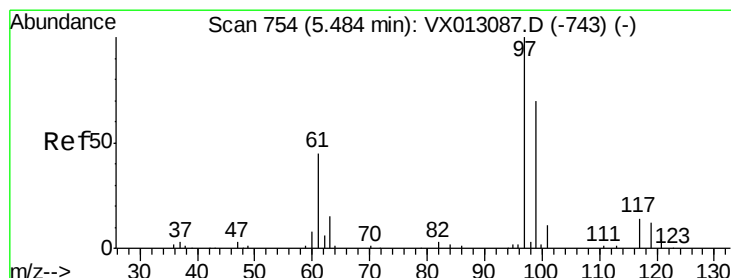
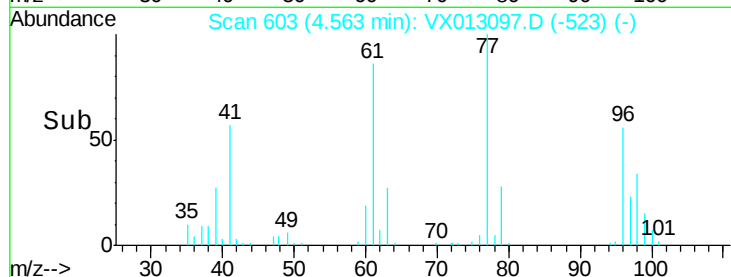
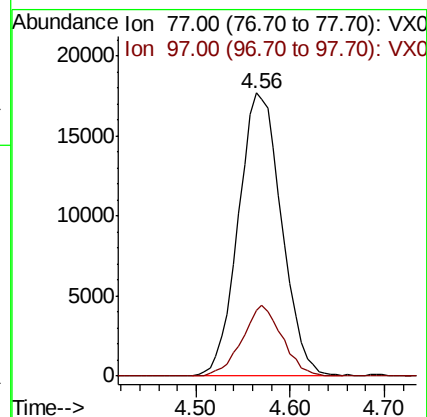
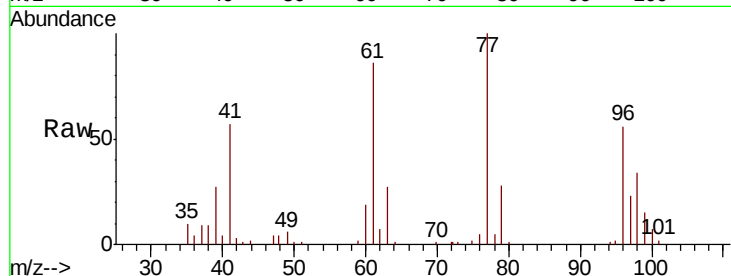
97 23.1 17.8 26.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.434 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

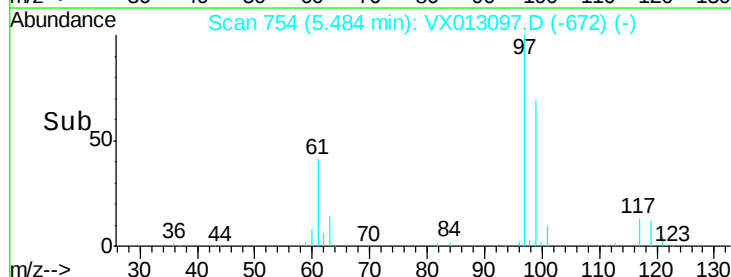
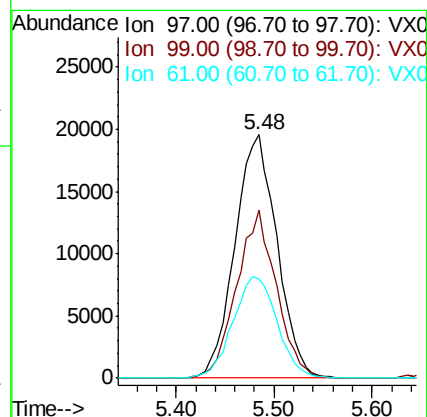
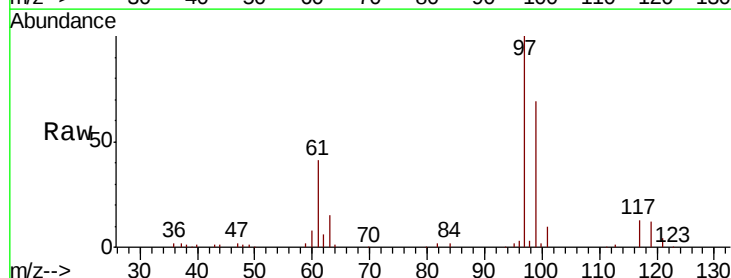
Tgt Ion: 97 Resp: 58502

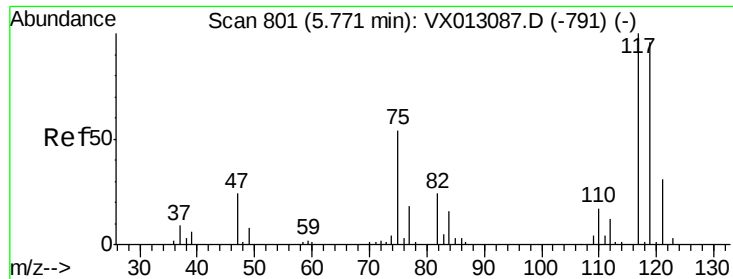
Ion Ratio Lower Upper

97 100

99 64.9 52.4 78.6

61 43.8 35.1 52.7





#33

Carbon Tetrachloride

Concen: 18.711 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:117 Resp: 48324

Ion Ratio Lower Upper

117 100

119 86.7 77.0 115.4

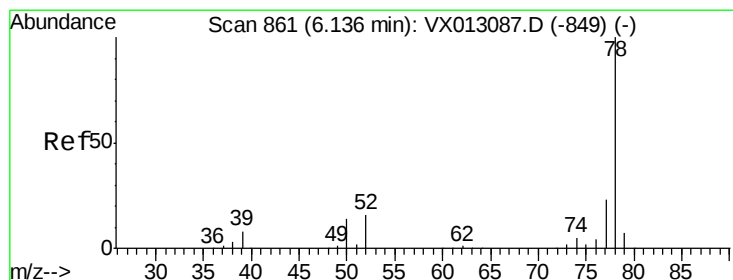
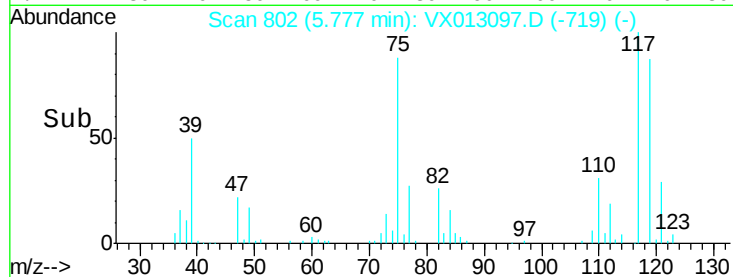
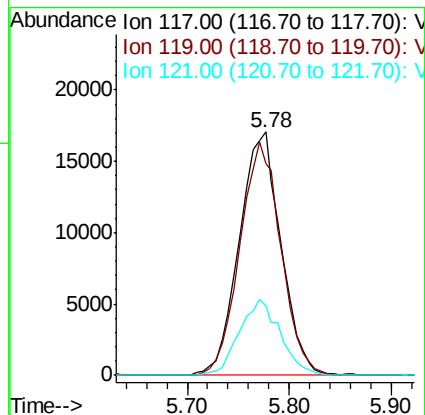
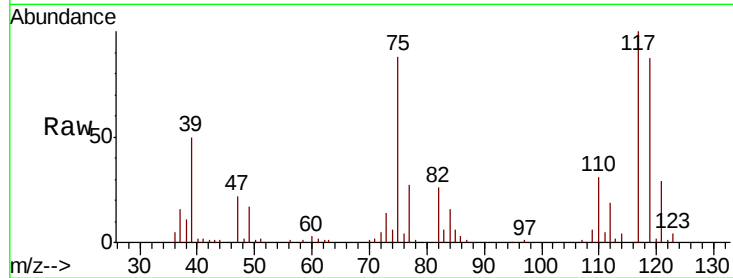
121 28.6 24.6 36.8

Manual Integrations

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#34

Benzene

Concen: 20.764 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

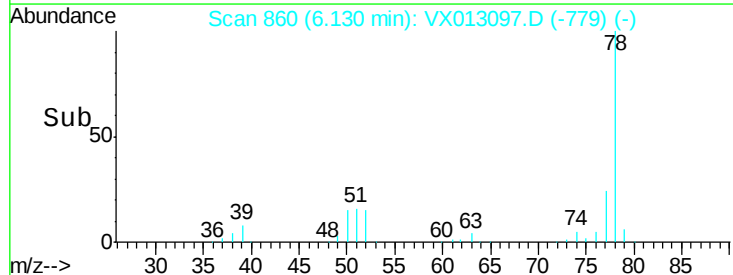
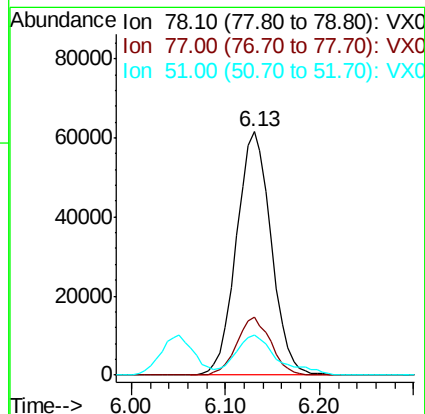
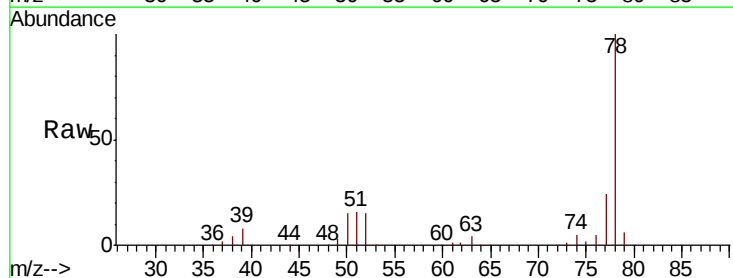
Tgt Ion: 78 Resp: 158622

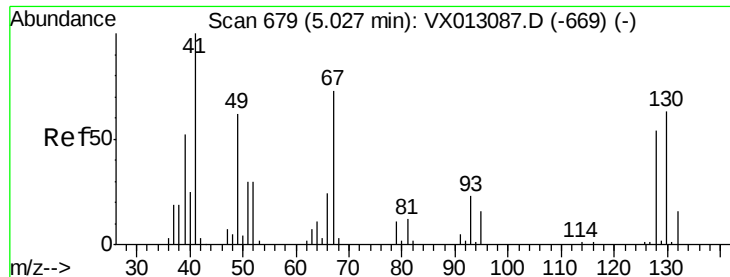
Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7

51 16.1 12.1 18.1





#35

Methacrylonitrile

Concen: 21.909 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tot Ion:	41	Resp:	32564
Ion Ratio	Lower	Upper	
41	100		
39	52.4	26.3	78.8
67	70.4	36.5	109.5
52	24.7	15.3	45.8

Instrument :

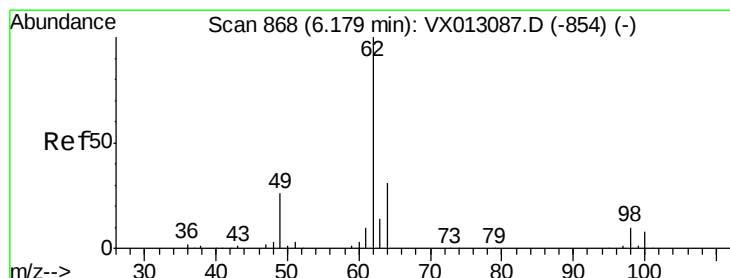
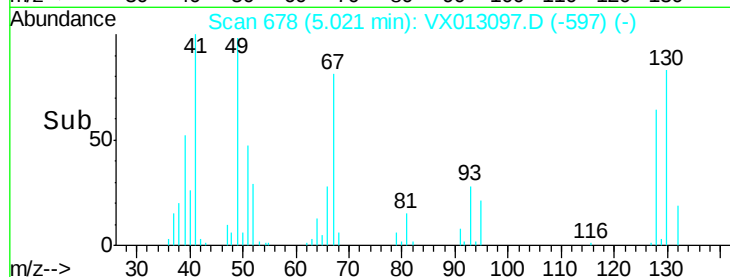
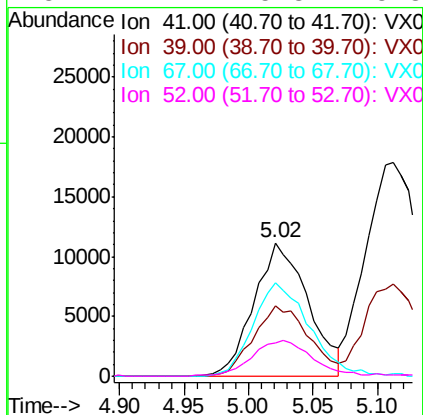
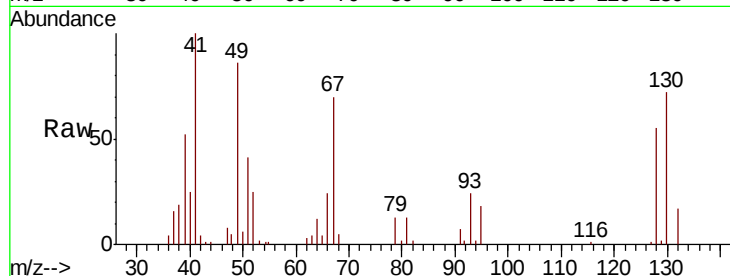
MSVOA_X

ClientSampleId :

VSTDCCC020EC

Manual Integrations
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#36

1,2-Dichloroethane

Concen: 21.799 ug/l

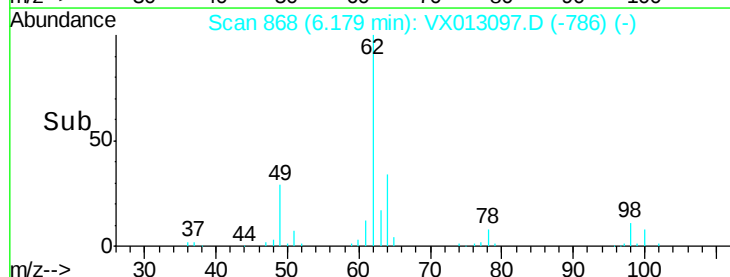
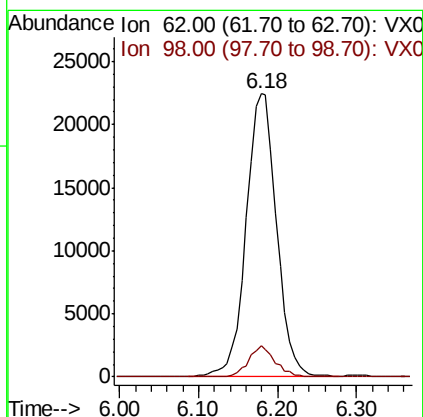
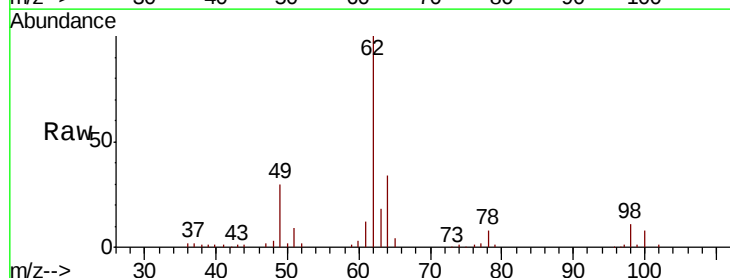
RT: 6.18 min Scan# 868

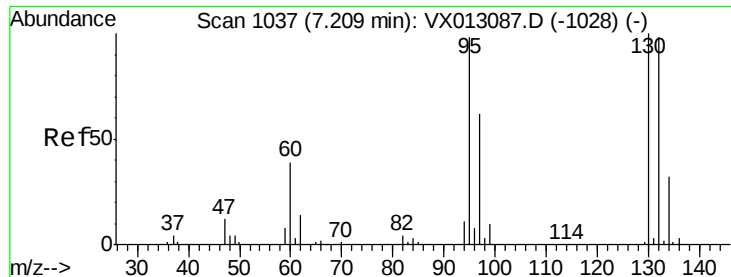
Delta R.T. 0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tgt Ion:	62	Resp:	60211
Ion Ratio	Lower	Upper	
62	100		
98	9.6	7.8	11.6





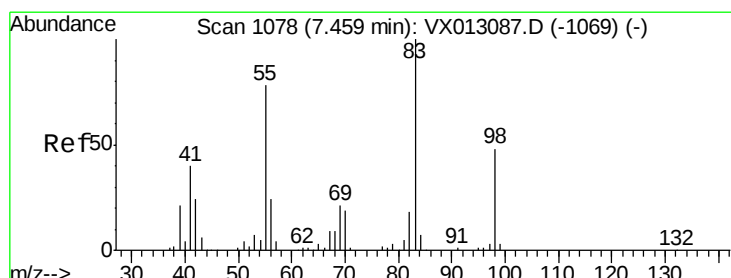
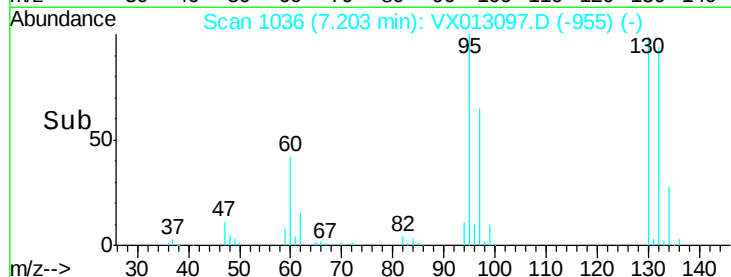
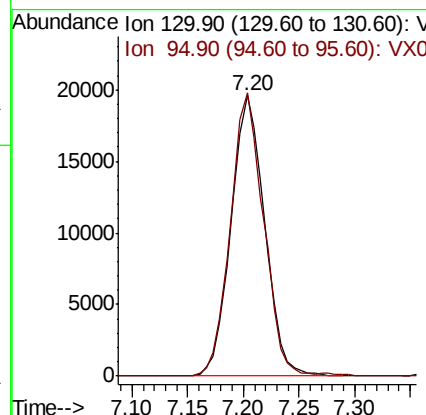
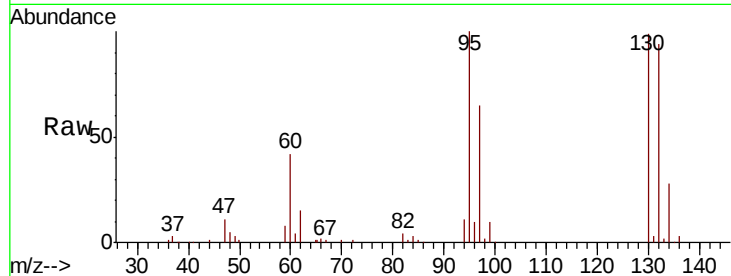
#37
 Trichloroethene
 Concen: 20.093 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 41009
 Ion Ratio Lower Upper
 130 100
 95 100.7 78.4 117.6

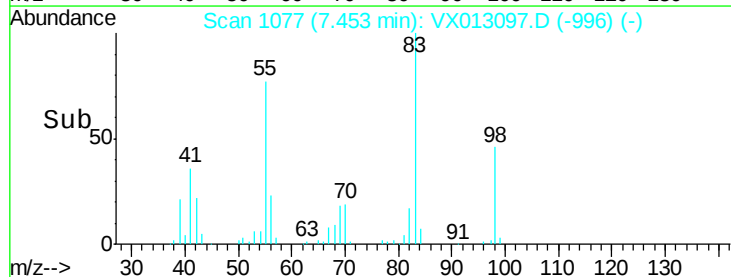
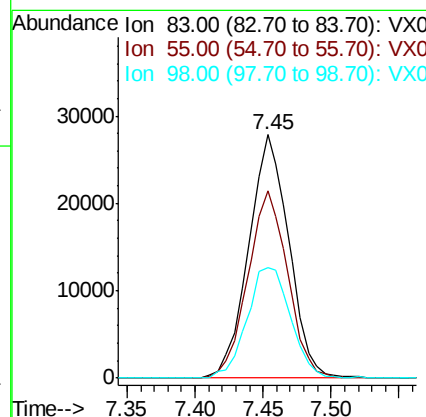
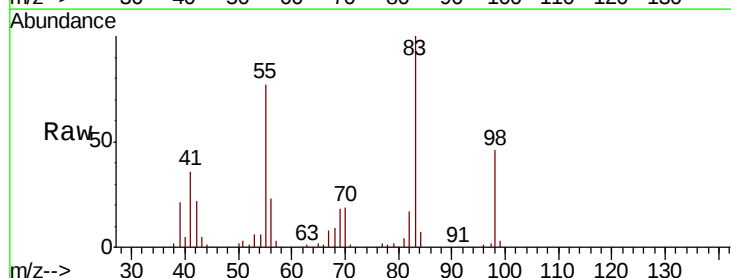
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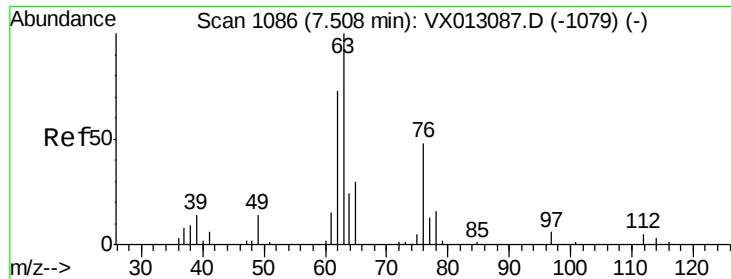
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#38
 Methylcyclohexane
 Concen: 18.258 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion: 83 Resp: 57504
 Ion Ratio Lower Upper
 83 100
 55 76.7 38.3 114.8
 98 49.3 24.9 74.7





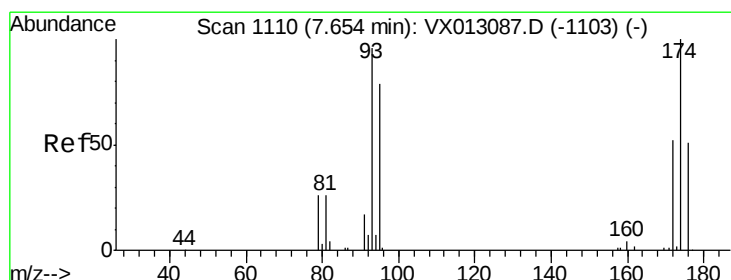
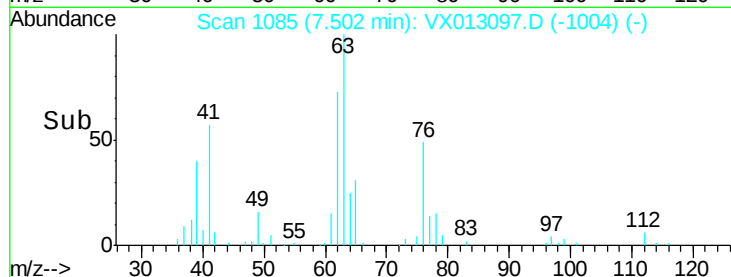
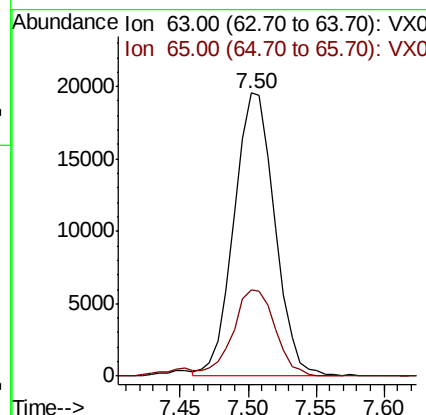
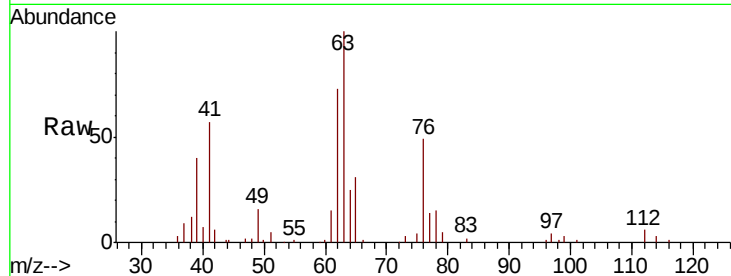
#39
 1,2-Dichloropropane
 Concen: 21.351 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 40962
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.6 38.4

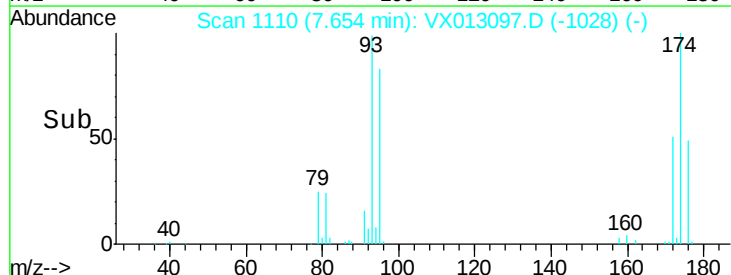
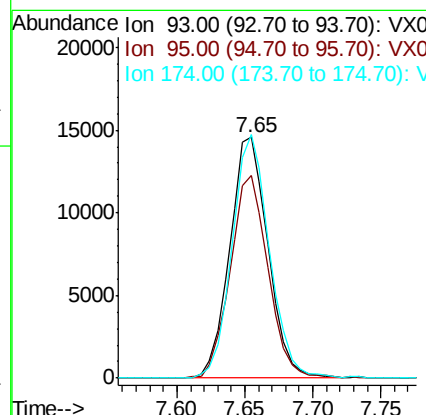
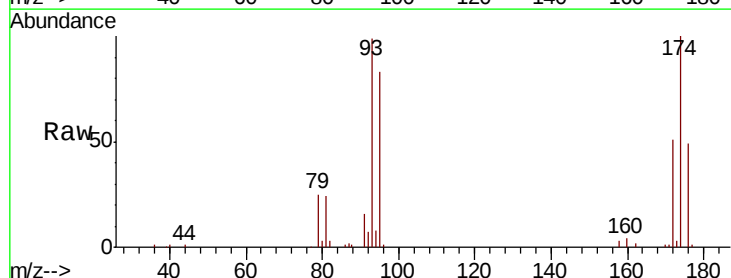
Manual Integrations
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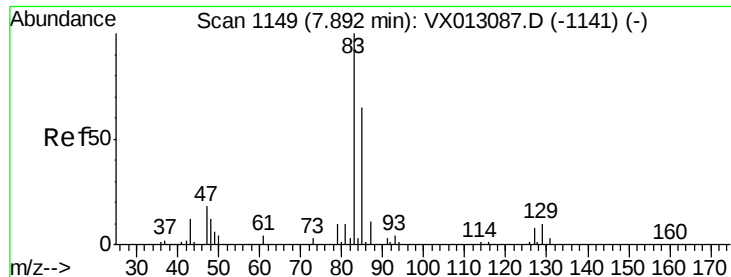
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#40
 Dibromomethane
 Concen: 21.876 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion: 93 Resp: 28501
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 171.2
 174 98.2 0.0 208.2





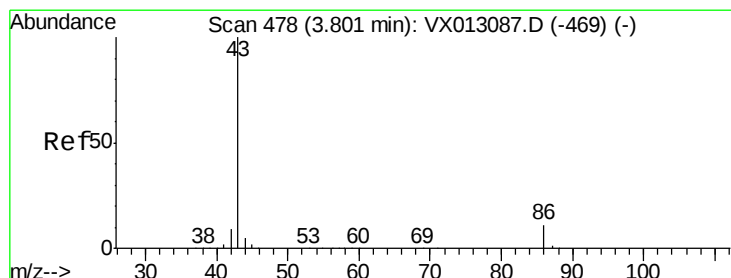
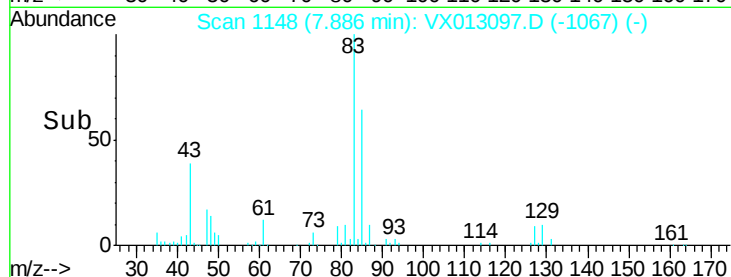
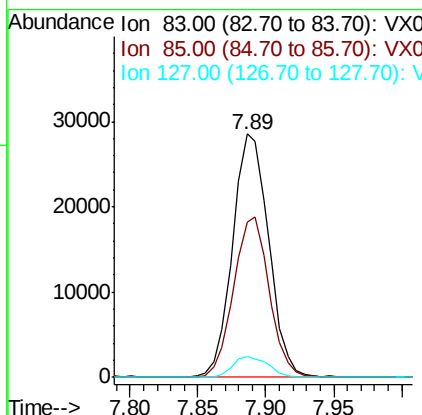
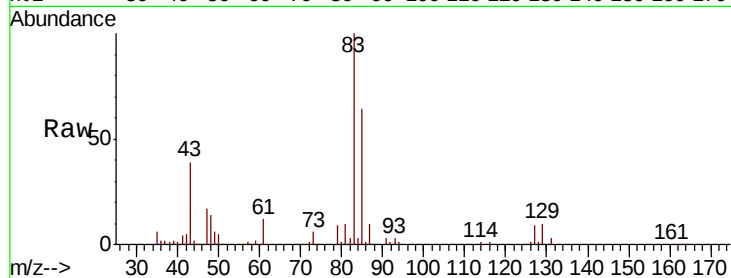
#41
Bromodichloromethane
Concen: 20.476 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	52967
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.8	77.8
127	8.8	6.7	10.1

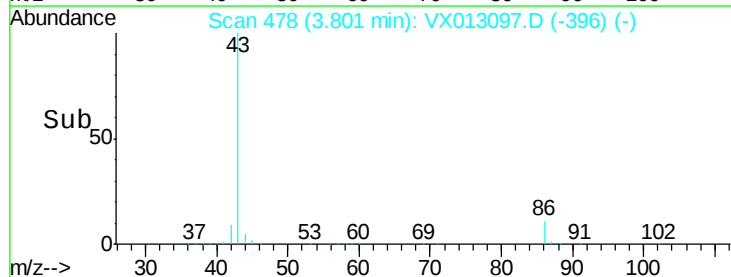
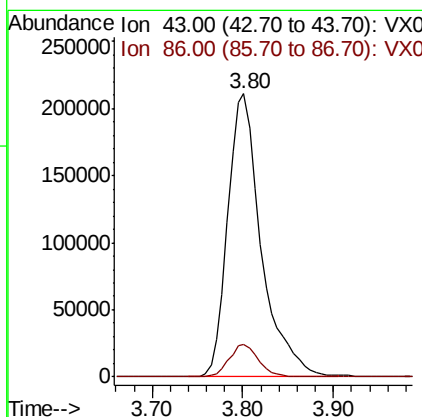
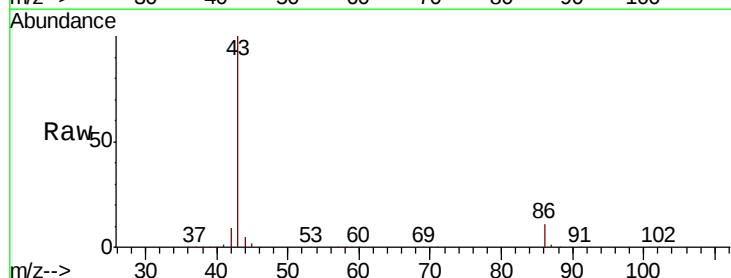
Manual Integrations
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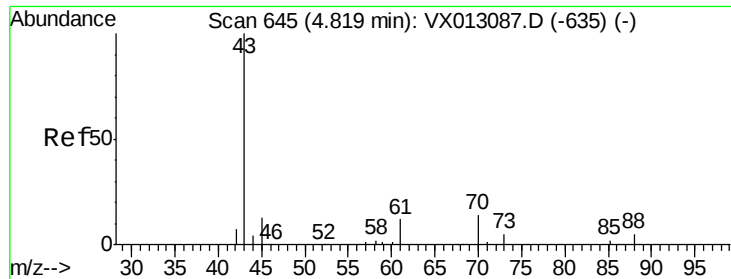
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#42
Vinyl Acetate
Concen: 109.224 ug/l
RT: 3.80 min Scan# 478
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	43	Resp	542142
Ion Ratio	100	Lower	Upper
43	100		
86	10.2	8.2	12.2





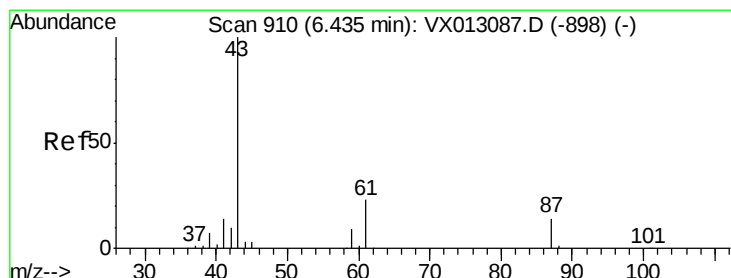
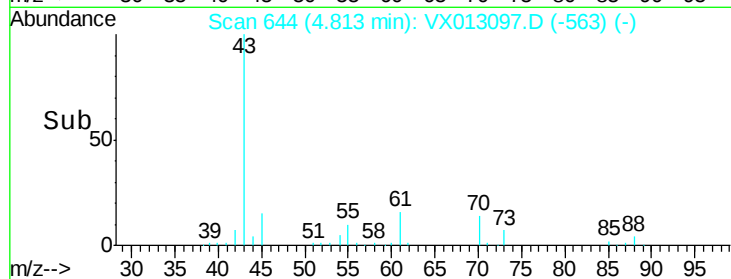
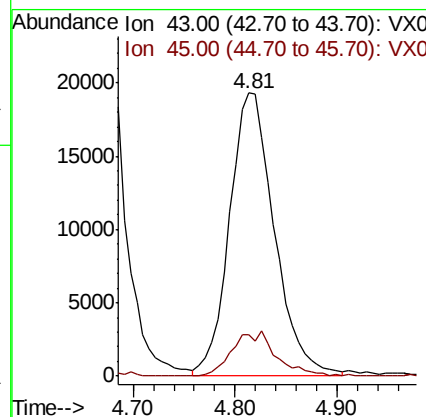
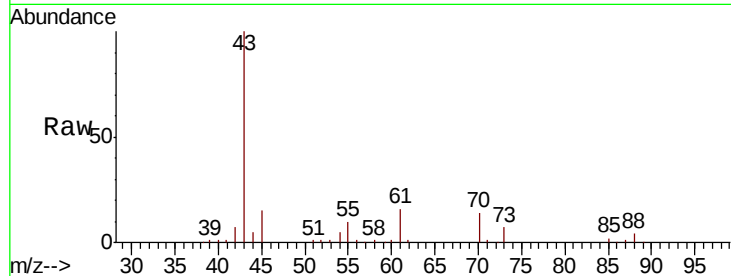
#43
Ethyl Acetate
Concen: 21.624 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 58985
Ion Ratio Lower Upper
43 100
45 8.6 12.8 19.2#

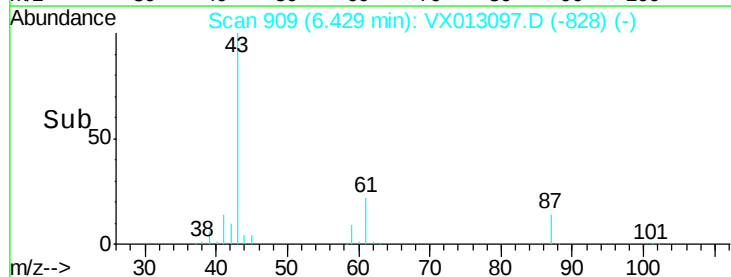
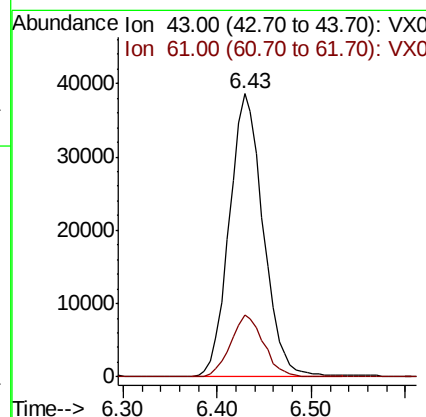
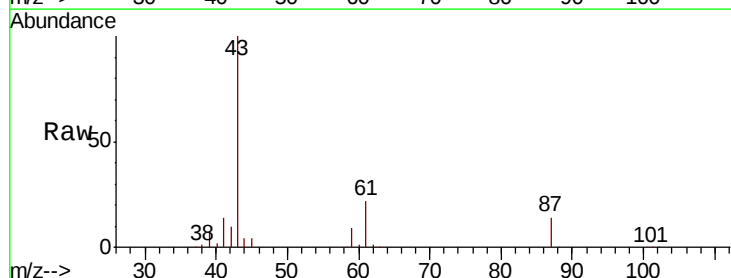
Manual Integrations
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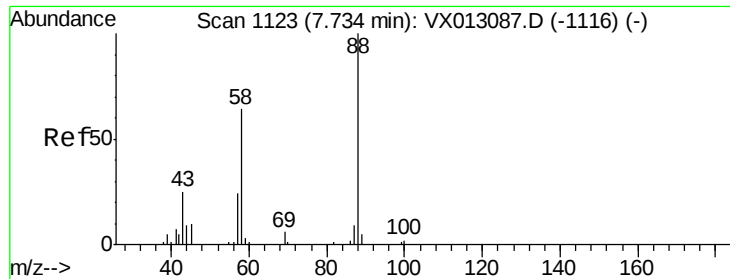
MMDadoda
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#44
Isopropyl Acetate
Concen: 21.959 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 43 Resp: 96597
Ion Ratio Lower Upper
43 100
61 21.2 16.7 25.1





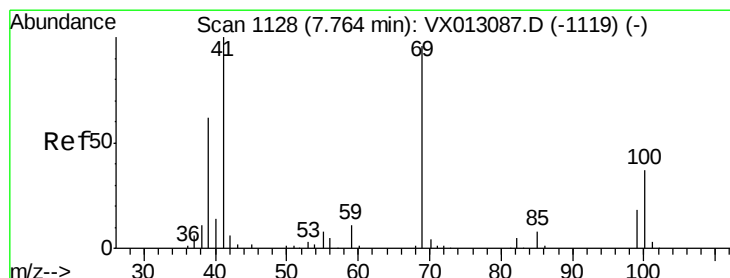
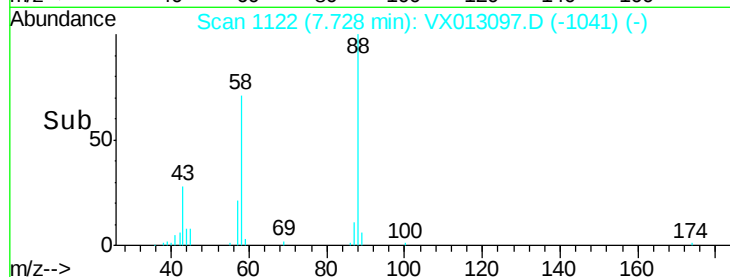
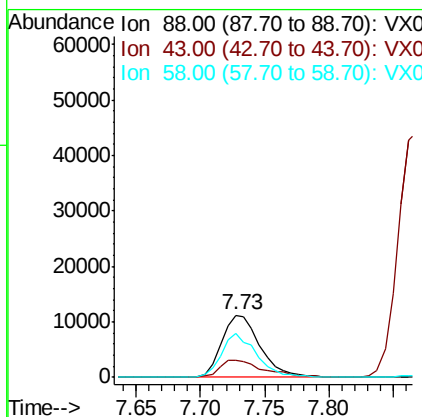
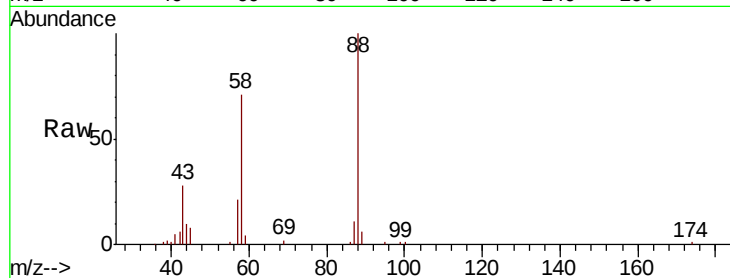
#45
1,4-Dioxane
Concen: 432.200 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.0	39.0
58	65.8	53.0	79.4

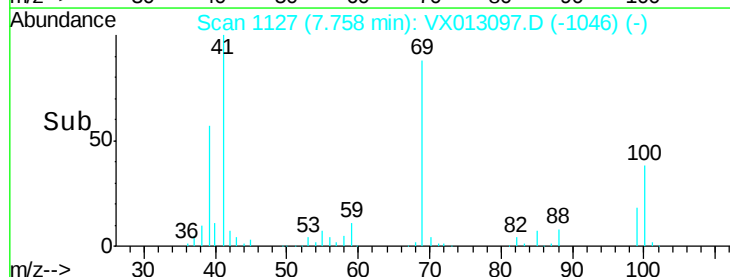
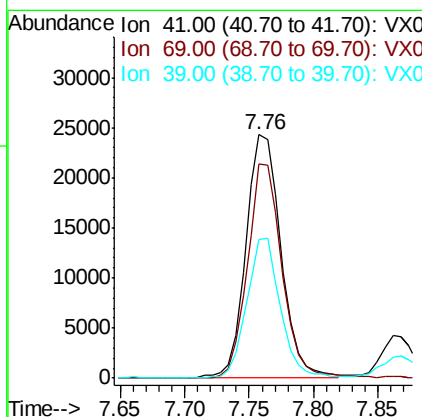
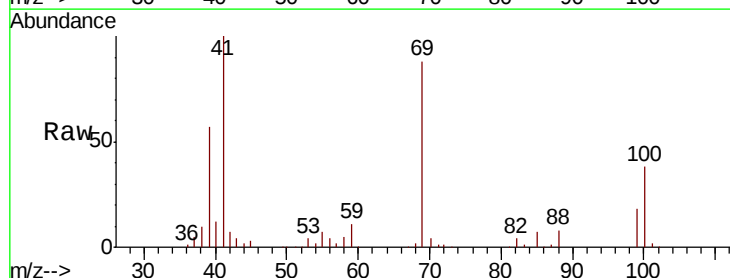
Manual Integrations
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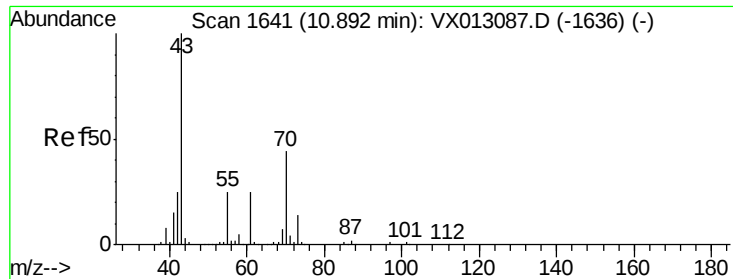
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#46
Methyl methacrylate
Concen: 21.227 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.0	48.1	144.3
39	57.1	31.2	93.6





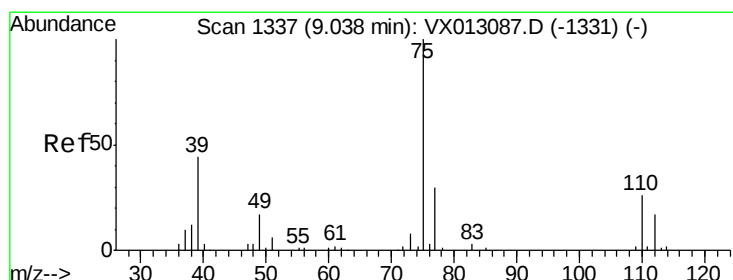
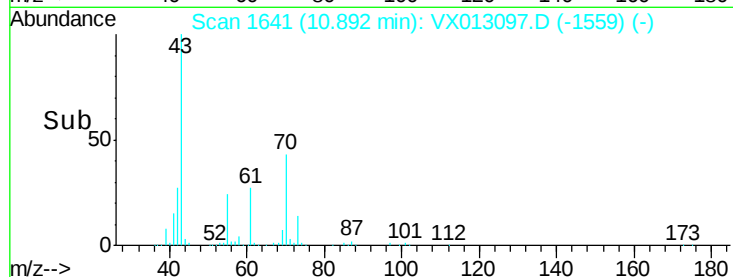
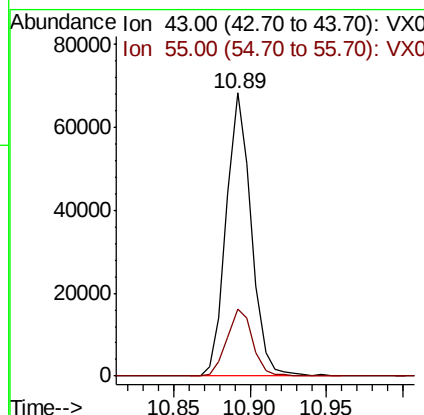
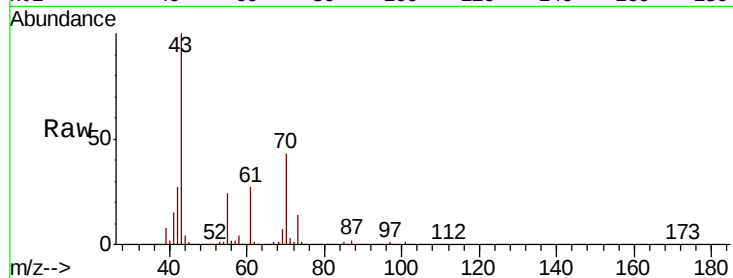
#47
n-amvl Acetate
Concen: 20.587 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 77104
Ion Ratio Lower Upper
43 100
55 24.7 20.6 31.0

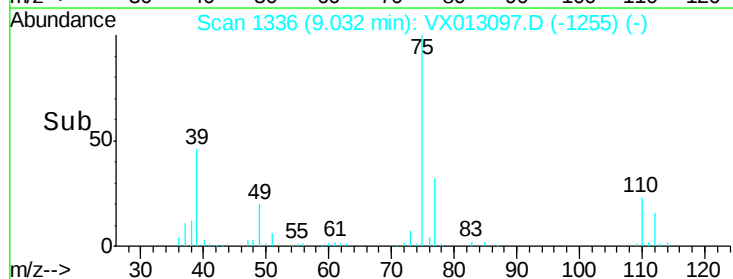
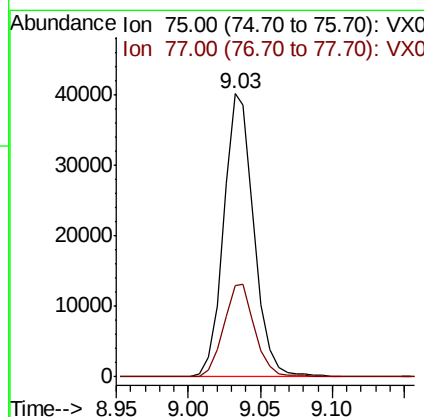
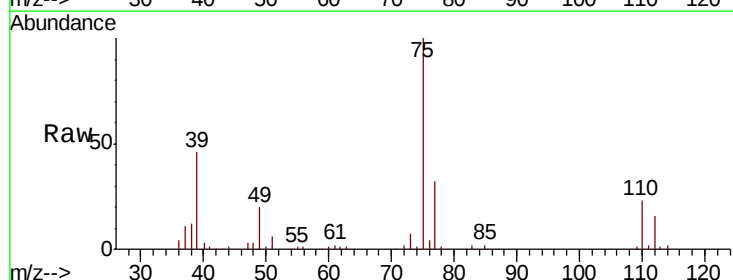
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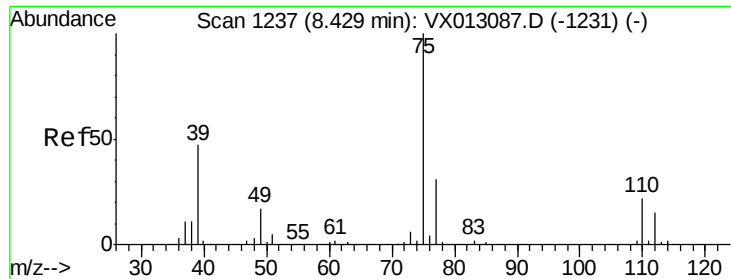
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 20.698 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 75 Resp: 59259
Ion Ratio Lower Upper
75 100
77 32.2 23.7 35.5





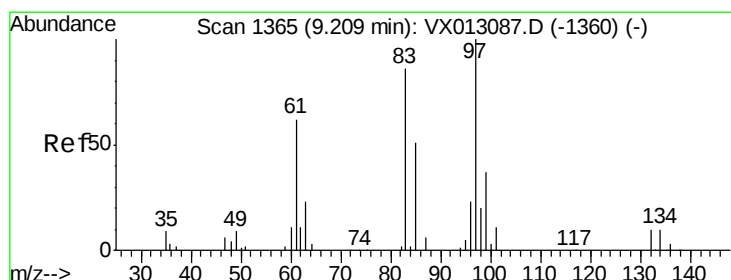
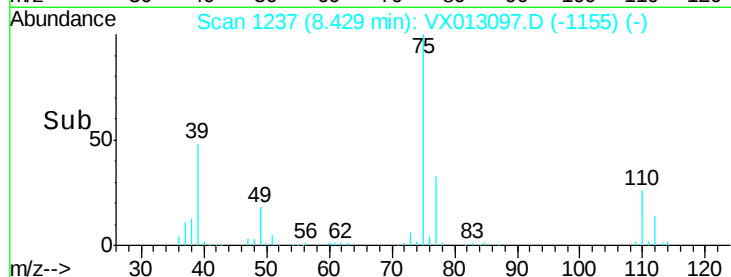
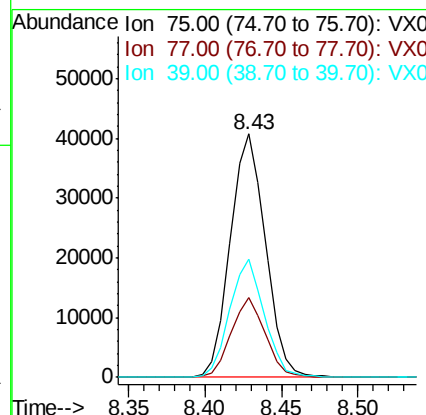
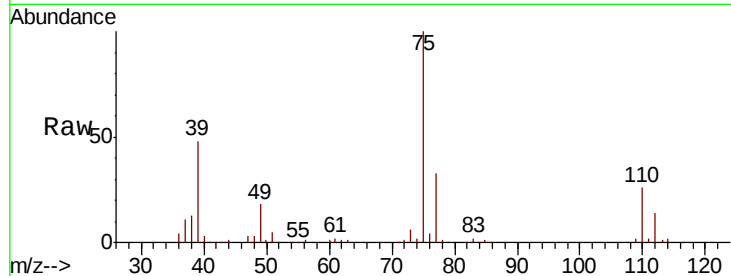
#49
 cis-1,3-Dichloropropene
 Concen: 20.574 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.7	37.1
39	48.2	37.4	56.0

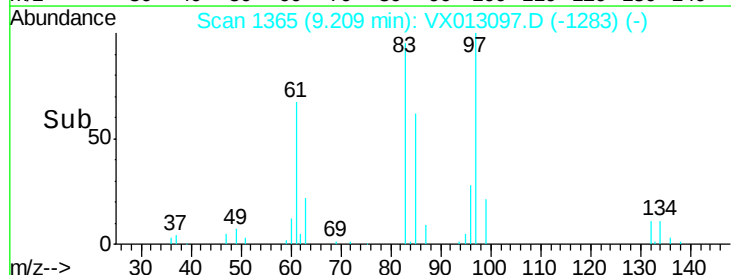
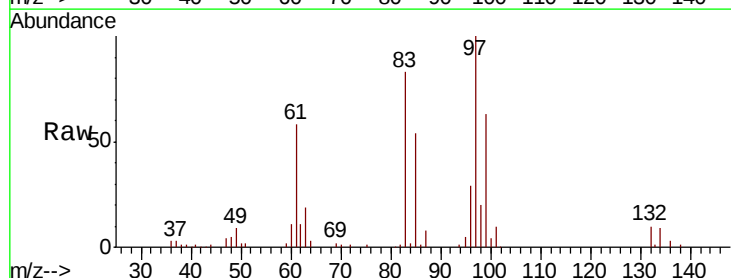
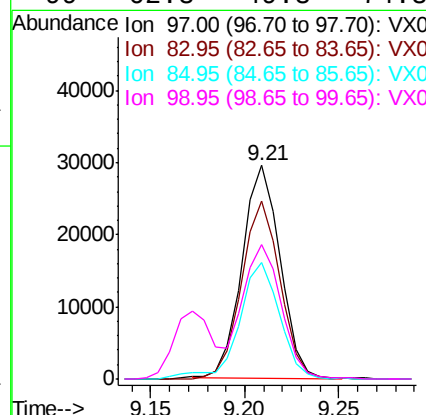
Manual Integrations
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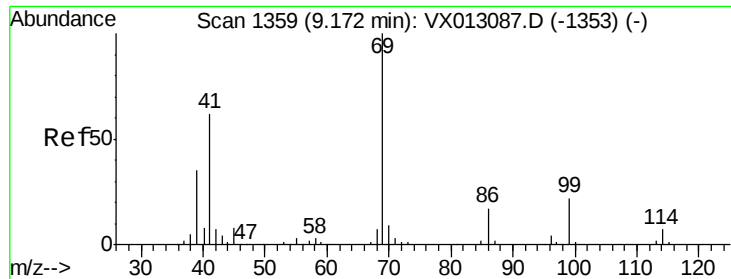
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#50
 1,1,2-Trichloroethane
 Concen: 21.046 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	54.3	42.6	64.0
99	62.8	49.8	74.8





#51

Ethyl methacrylate

Concen: 21.184 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

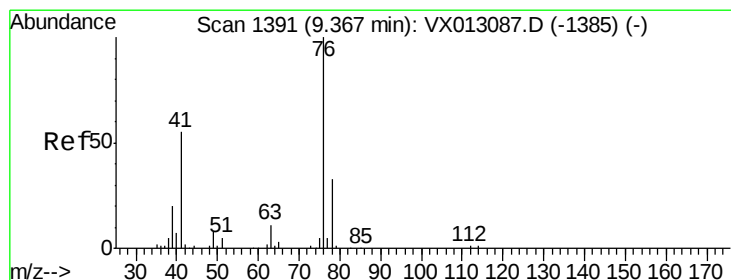
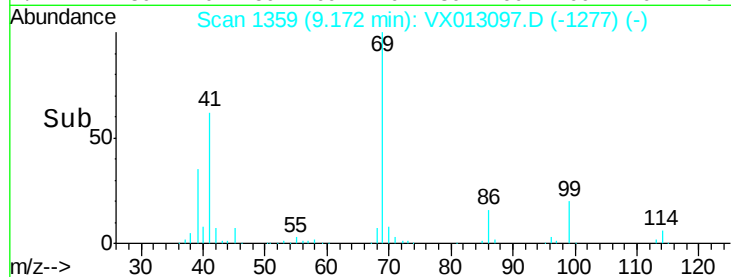
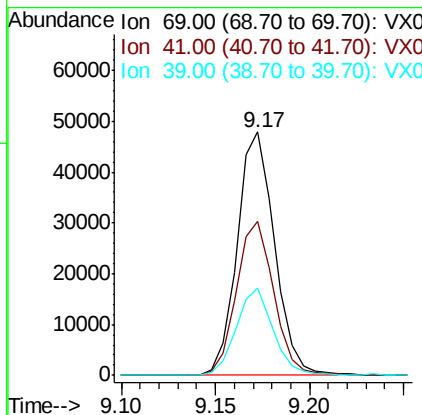
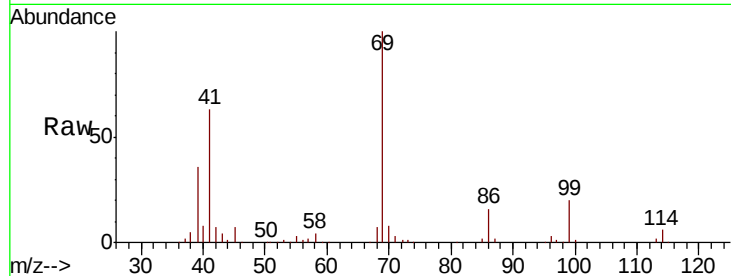
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	65510
Ion Ratio	Lower	Upper	
69	100		
41	63.2	31.1	93.3
39	35.8	17.6	52.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.566 ug/l

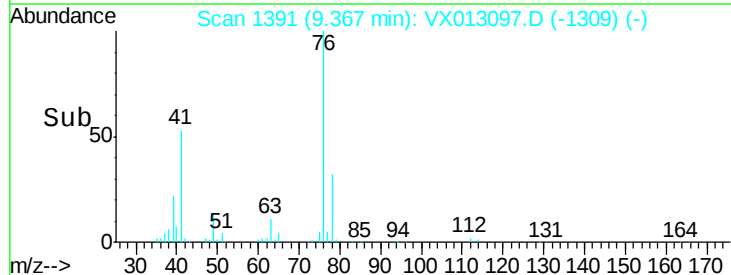
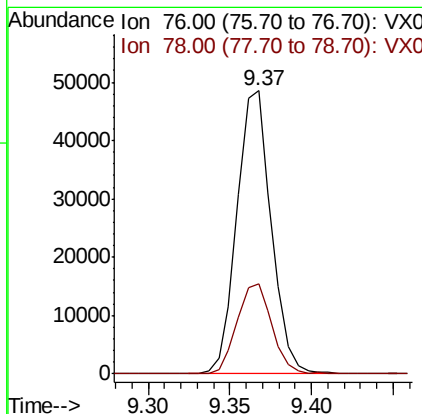
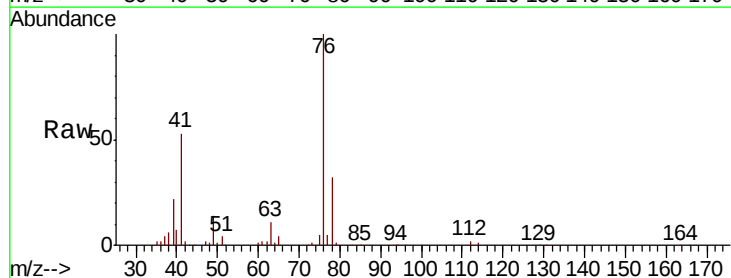
RT: 9.37 min Scan# 1391

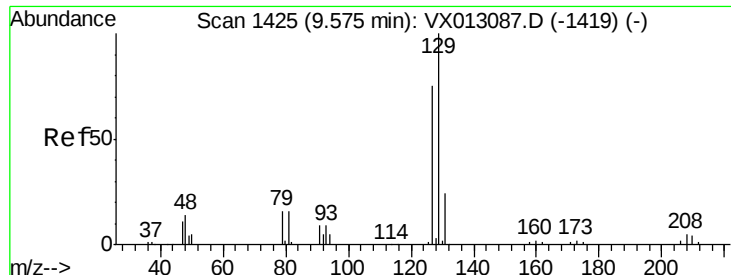
Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tgt Ion:	76	Resp:	71167
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	64.2





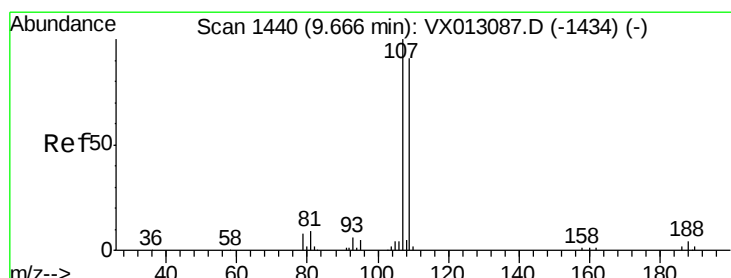
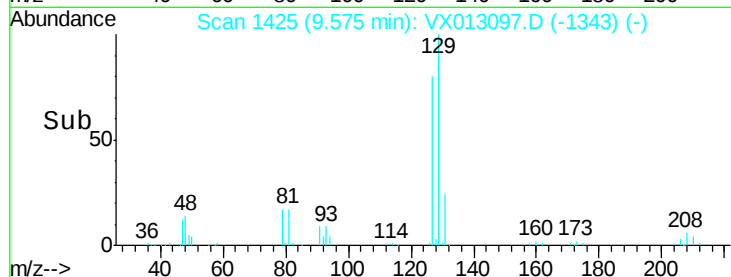
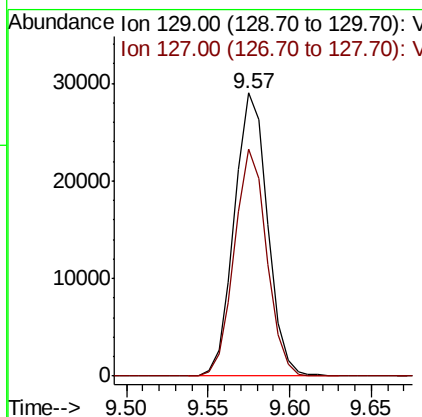
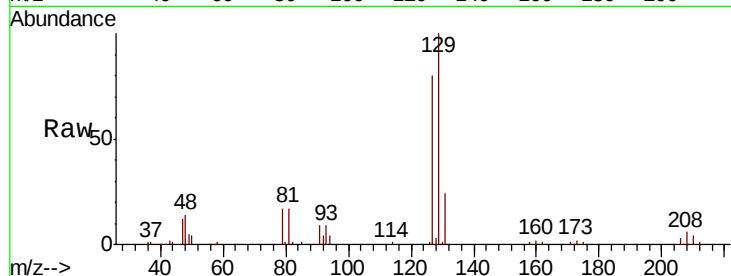
#53
Dibromochloromethane
Concen: 20.426 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:129 Resp: 41244
Ion Ratio Lower Upper
129 100
127 77.7 38.0 113.9

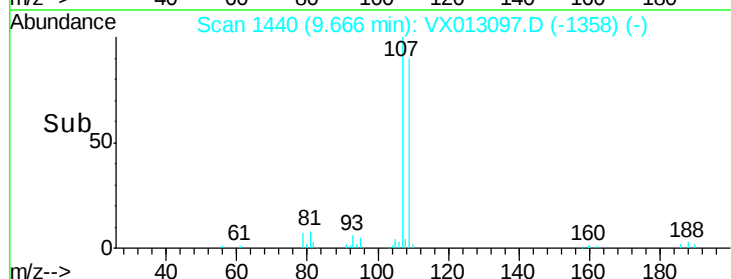
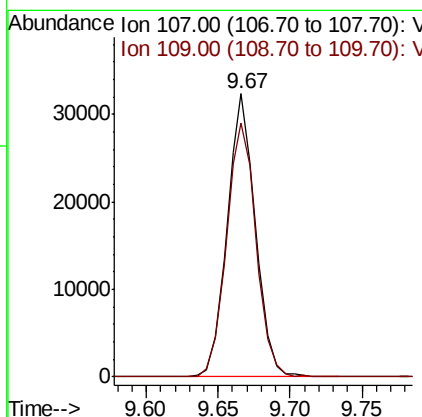
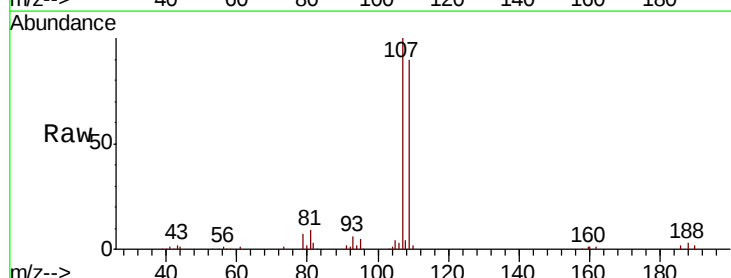
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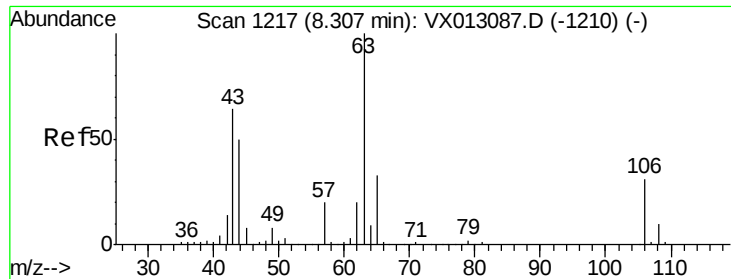
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#54
1,2-Dibromoethane
Concen: 21.449 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion:107 Resp: 44359
Ion Ratio Lower Upper
107 100
109 93.9 73.6 110.4





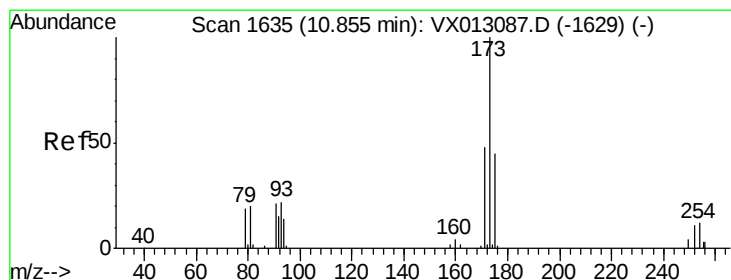
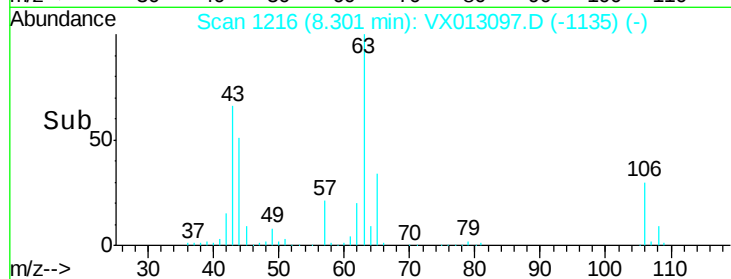
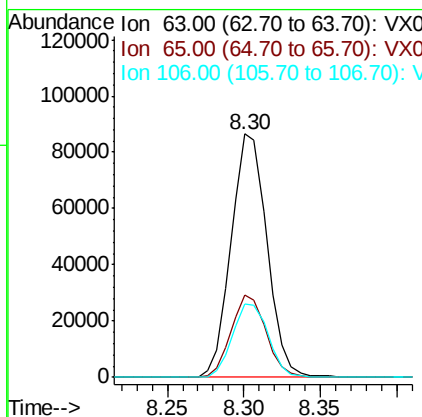
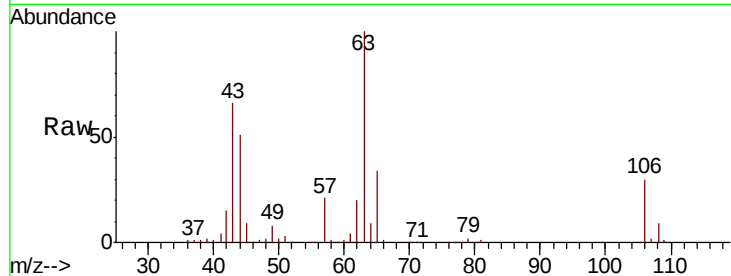
#55
2-Chloroethyl vinyl ether
Concen: 103.393 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.9	38.9
106	30.3	24.3	36.5

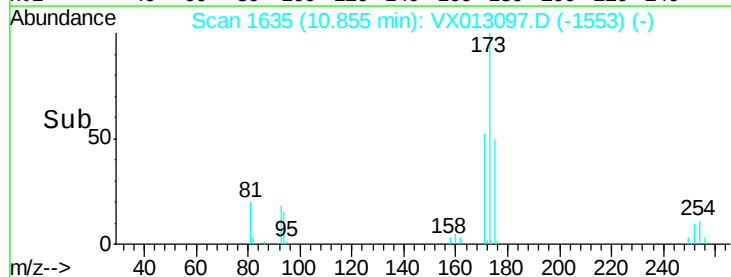
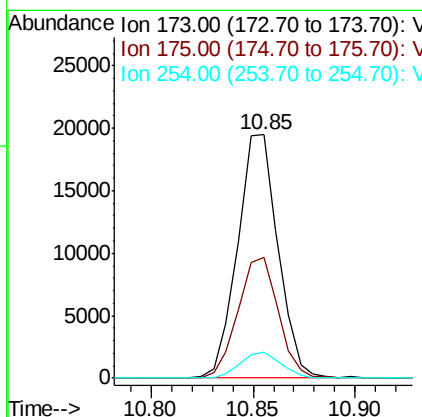
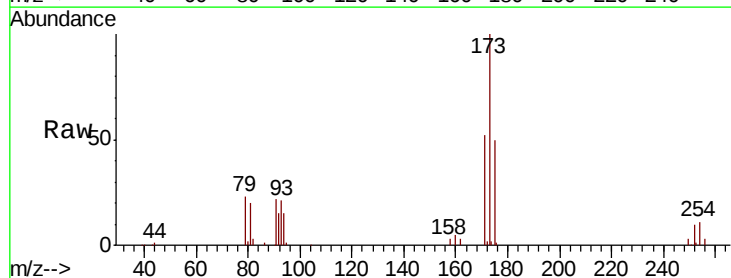
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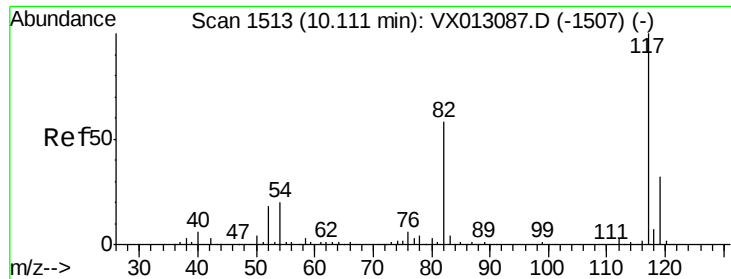
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#56
Bromoform
Concen: 19.157 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	37.8	56.8
254	10.6	7.9	11.9





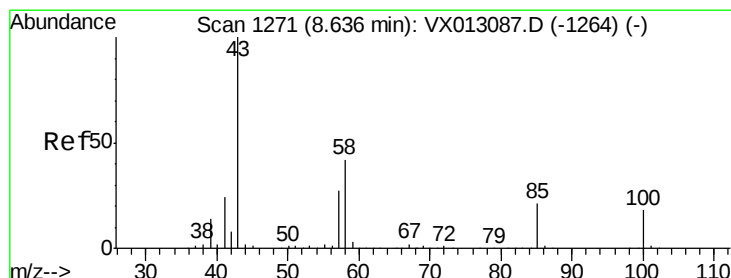
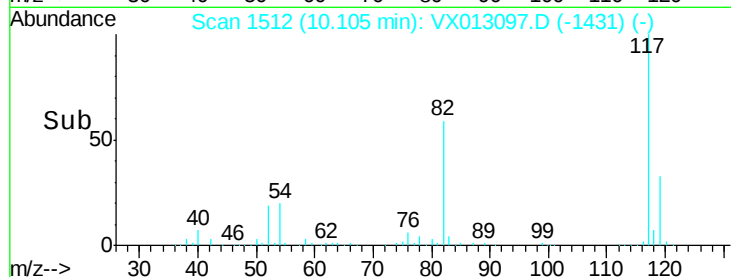
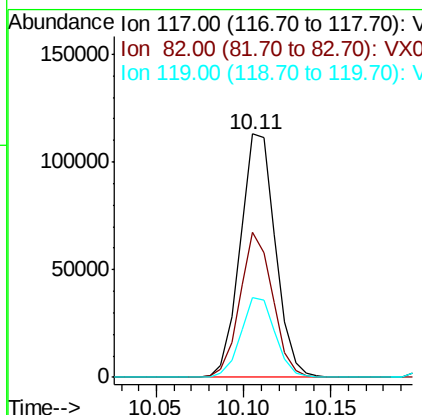
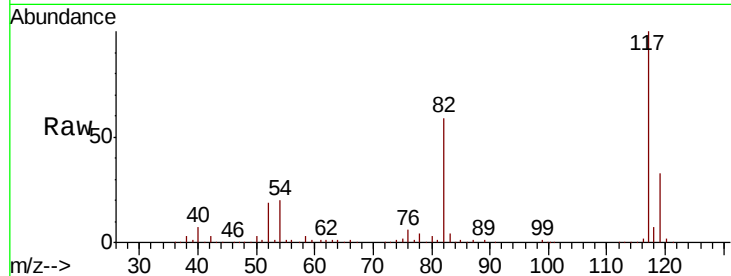
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.7	70.1
119	32.1	25.8	38.6

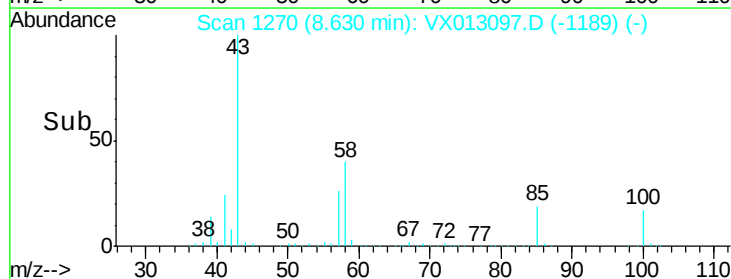
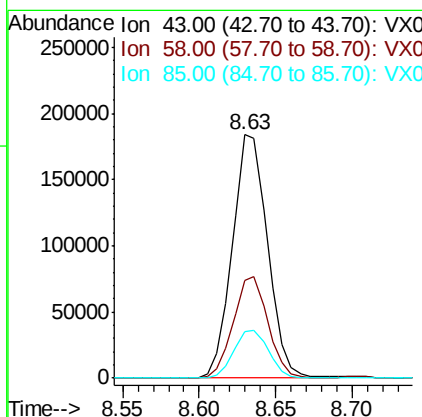
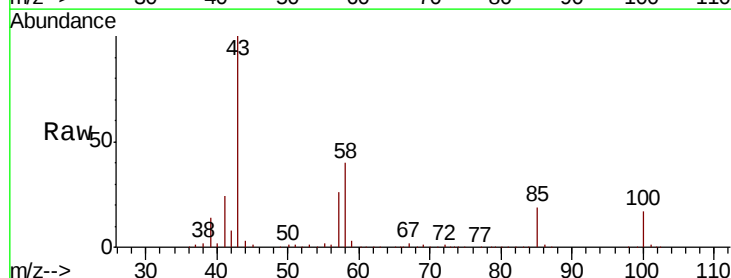
Manual Integrations
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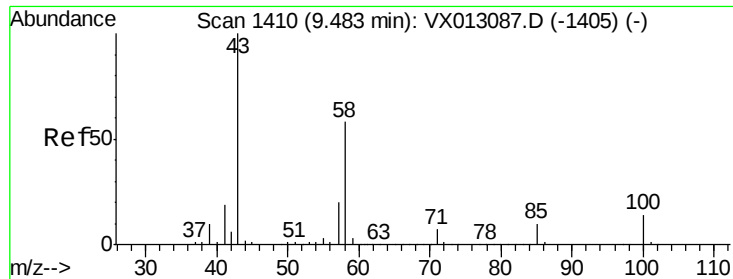
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#58
4-Methyl-2-Pentanone
Concen: 102.387 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.0	33.0	49.4
85	19.7	16.0	24.0





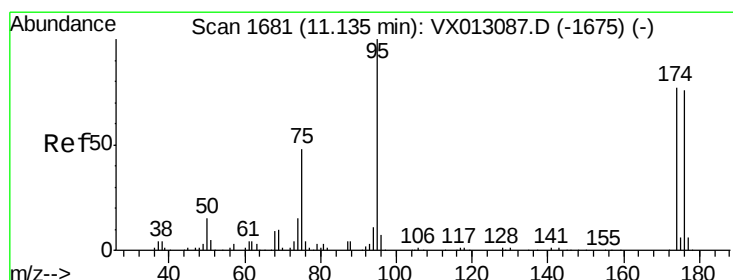
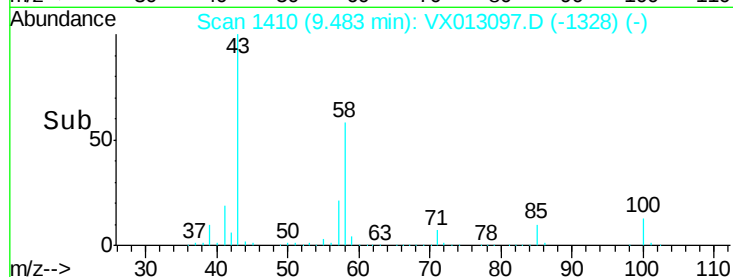
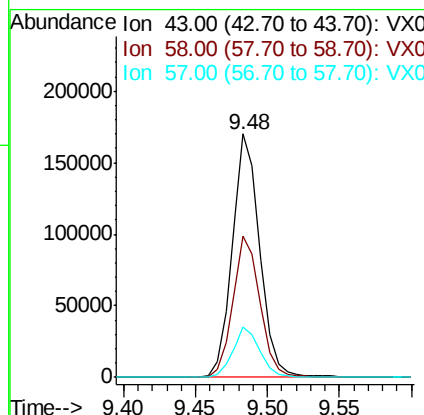
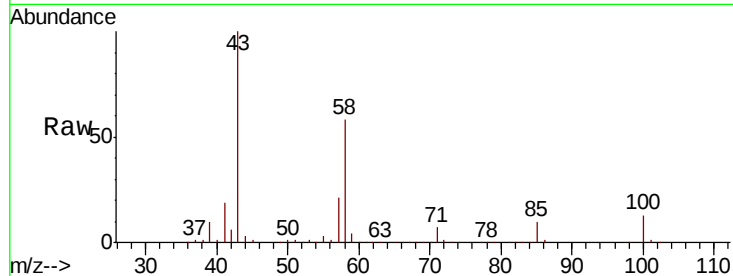
#59
2-Hexanone
Concen: 101.783 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100	227693		
58	57.6		45.4	68.2
57	20.3		16.2	24.2

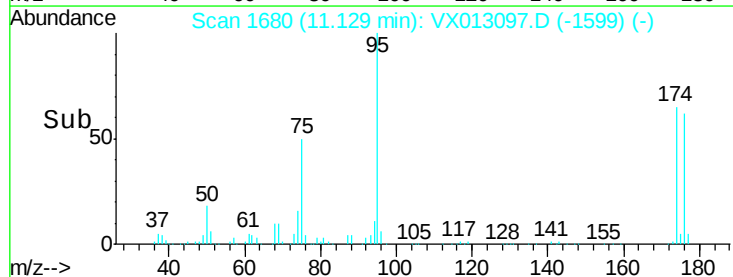
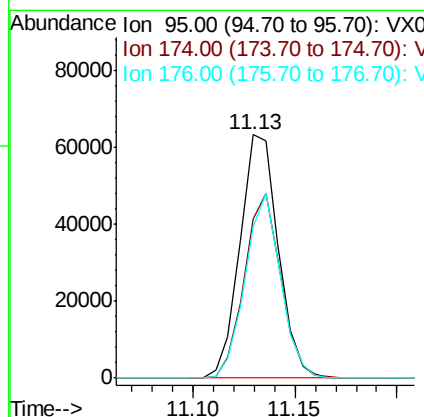
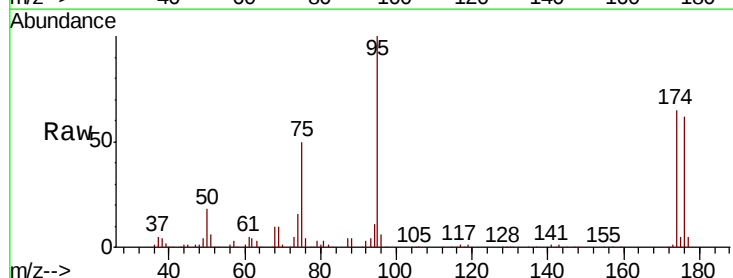
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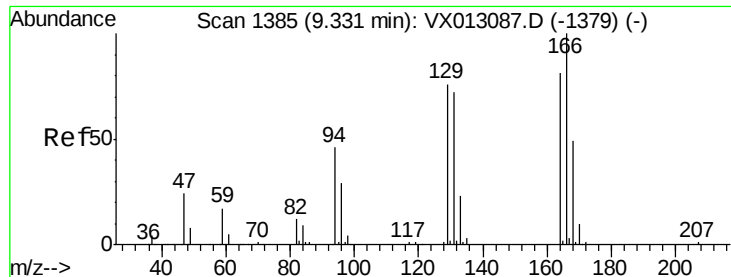
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.965 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	82636		
174	72.2		58.8	88.2
176	70.2		56.6	84.8





#61

Tetrachloroethene

Concen: 19.410 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 38961

Ion Ratio Lower Upper

164 100

166 133.7 98.4 147.6

129 99.6 75.2 112.8

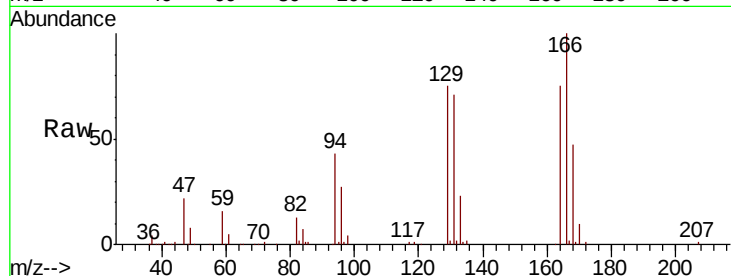
131 94.6 70.4 105.6

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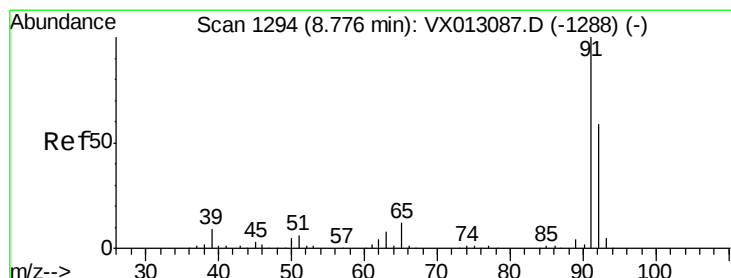
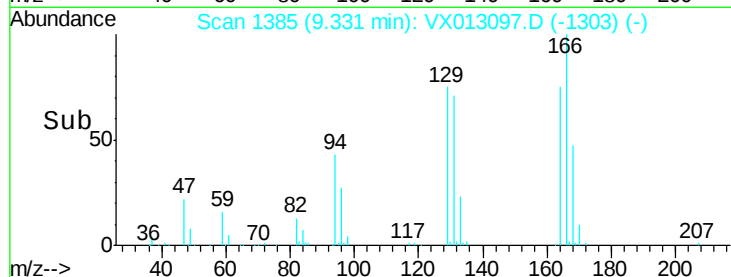
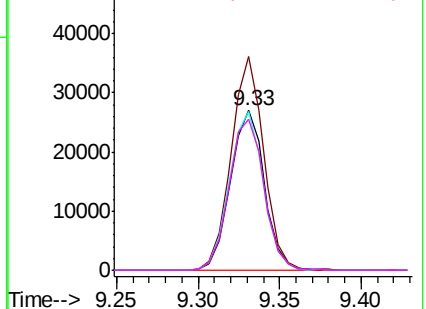


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.827 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013097.D

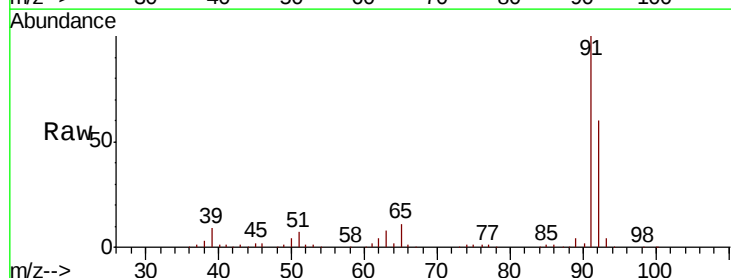
Acq: 16 Oct 2019 15:51

Tgt Ion: 91 Resp: 169762

Ion Ratio Lower Upper

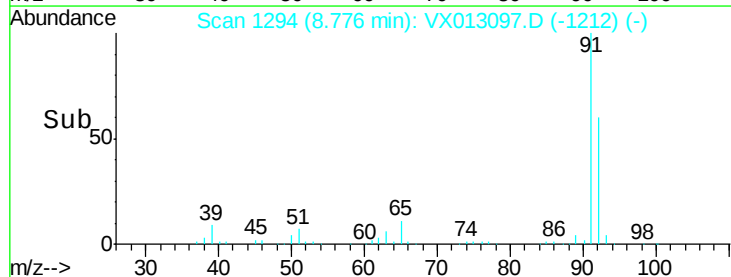
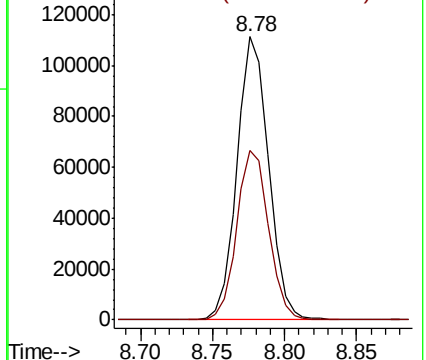
91 100

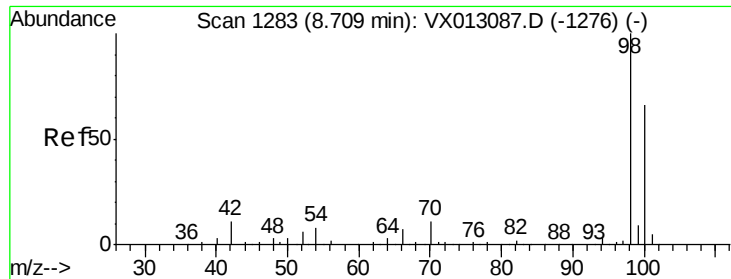
92 60.4 47.6 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





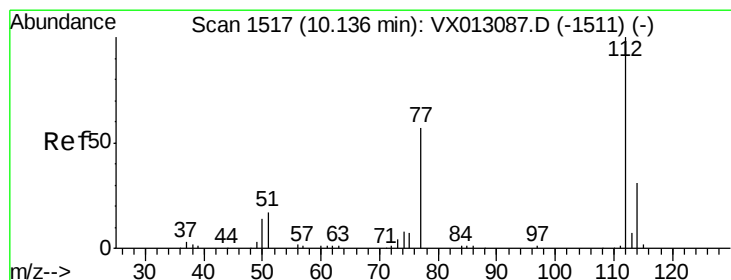
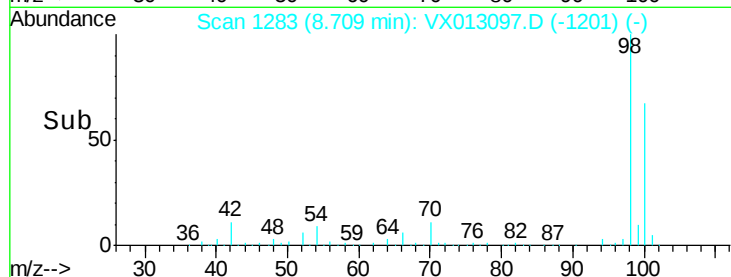
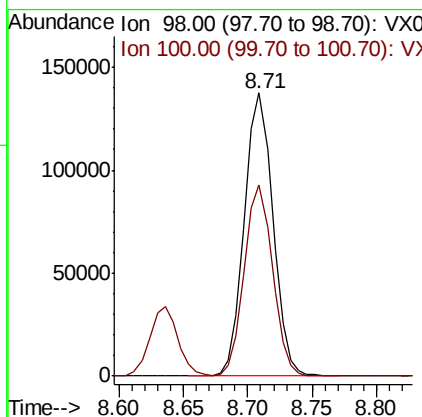
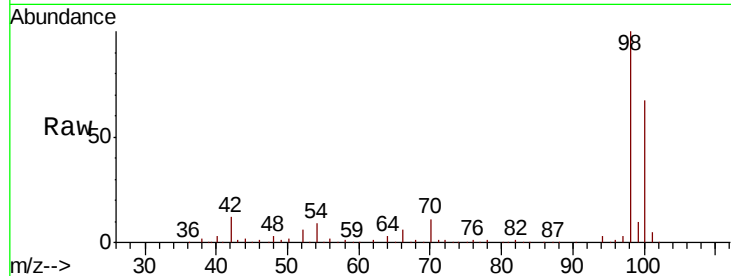
#63
Toluene-d8
Concen: 29.434 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 211564
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

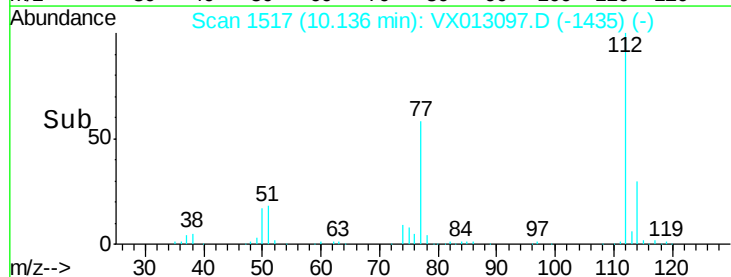
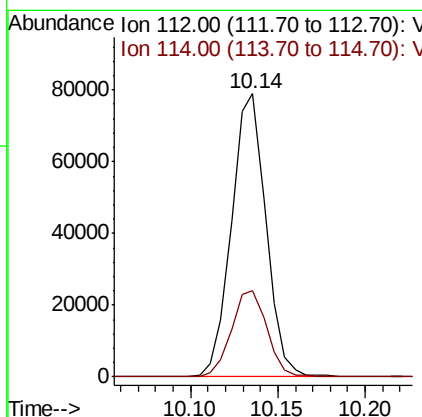
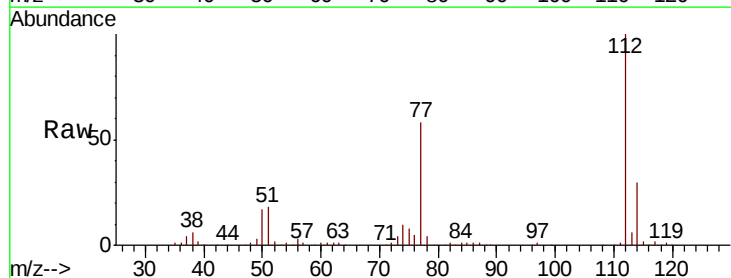
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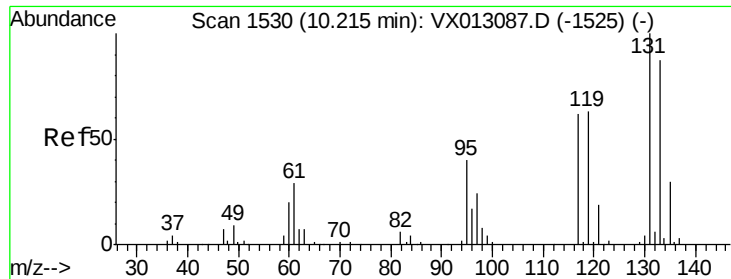
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#64
Chlorobenzene
Concen: 19.876 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 112 Resp: 108156
Ion Ratio Lower Upper
112 100
114 30.4 25.2 37.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.665 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

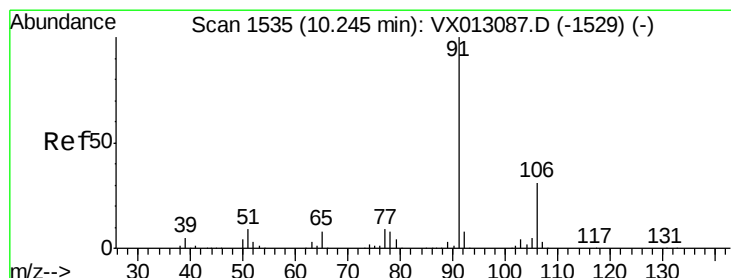
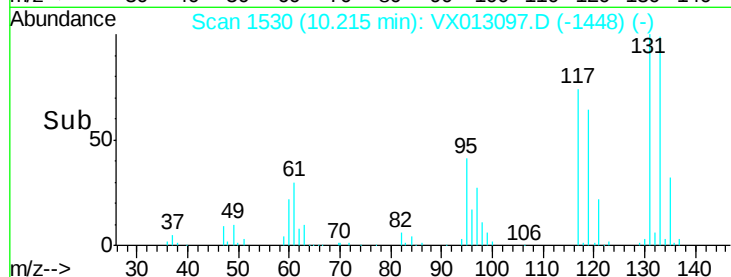
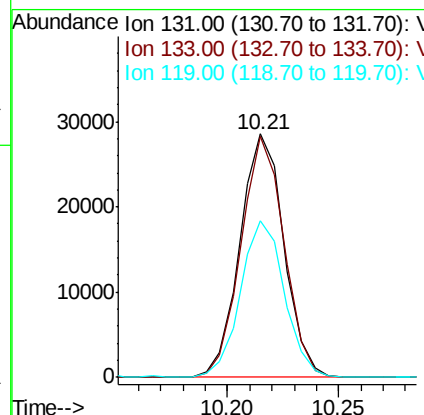
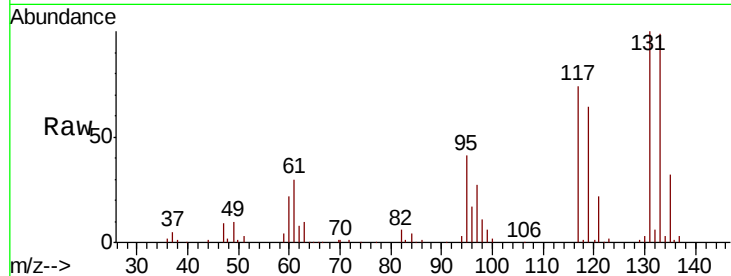
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	39303
Ion Ratio	Lower	Upper	
131	100		
133	97.1	0.0	187.8
119	64.2	0.0	128.4

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#66

Ethyl Benzene

Concen: 19.457 ug/l

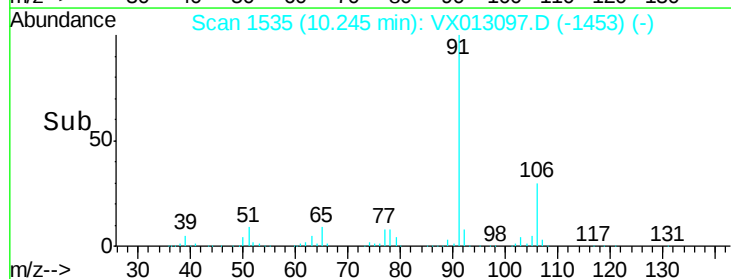
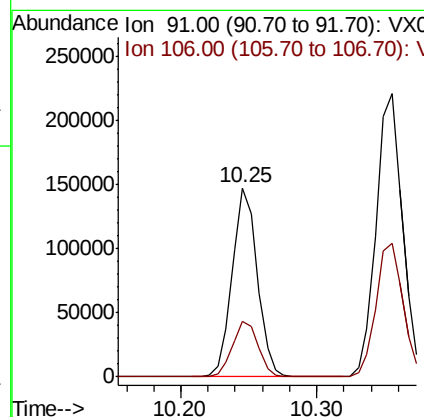
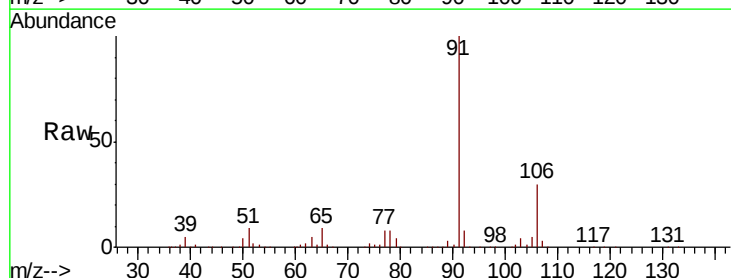
RT: 10.25 min Scan# 1535

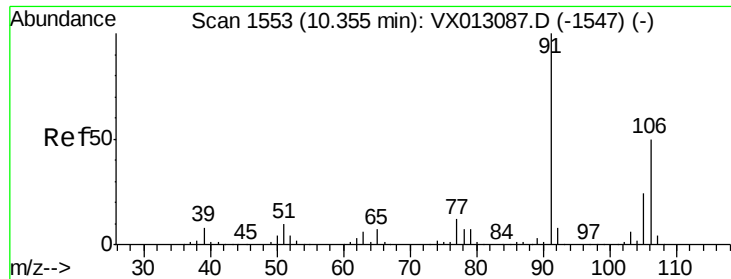
Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tgt Ion:	91	Resp:	190140
Ion Ratio	Lower	Upper	
91	100		
106	29.6	25.0	37.4





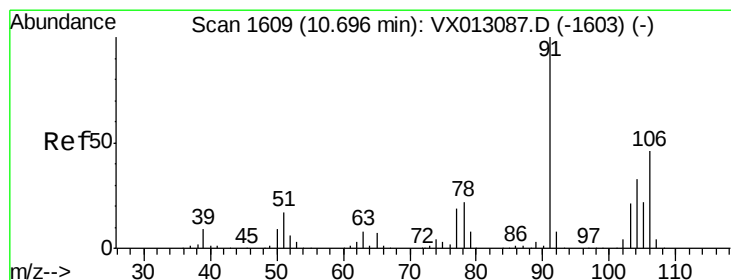
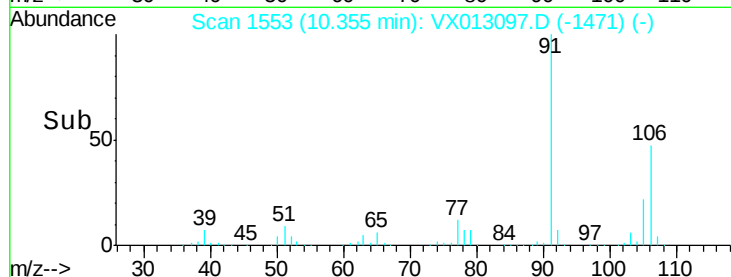
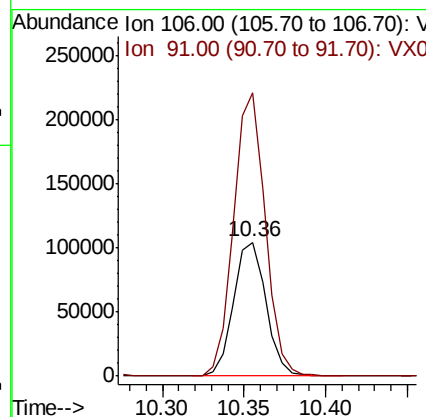
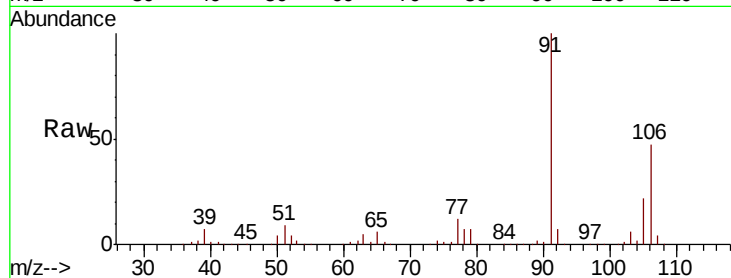
#67
m/p-Xylenes
Concen: 39.430 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 144967
Ion Ratio Lower Upper
106 100
91 206.1 162.6 243.8

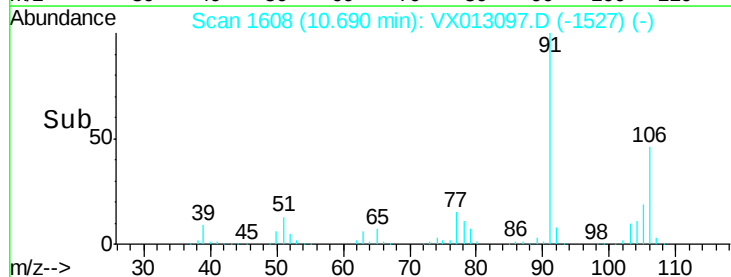
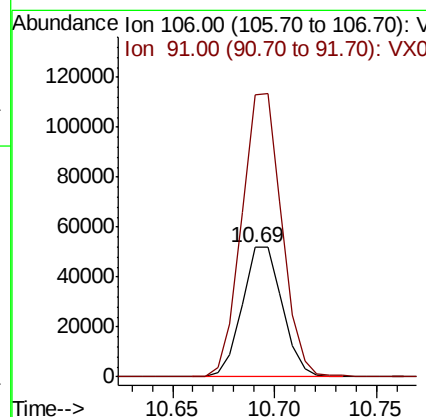
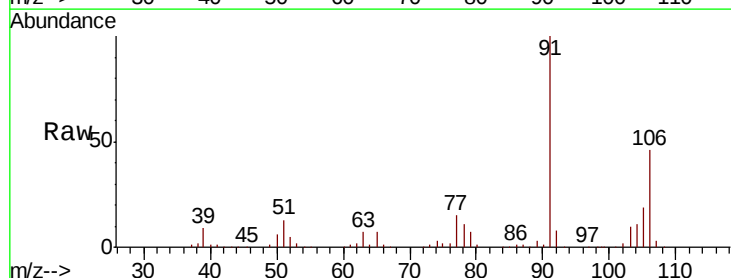
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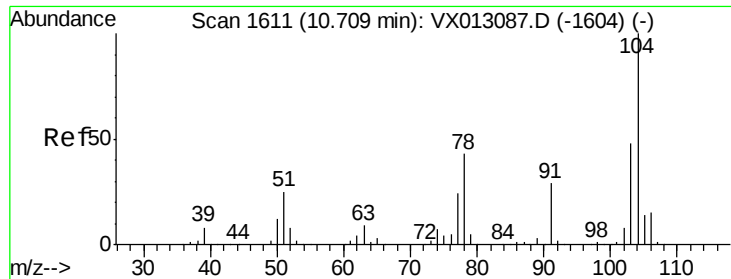
MMDadoda
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#68
o-Xylene
Concen: 19.772 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion:106 Resp: 70789
Ion Ratio Lower Upper
106 100
91 218.1 109.1 327.3





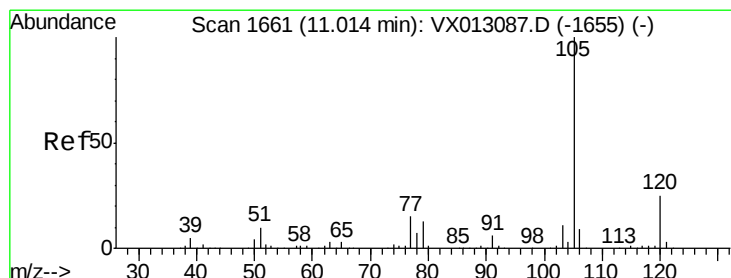
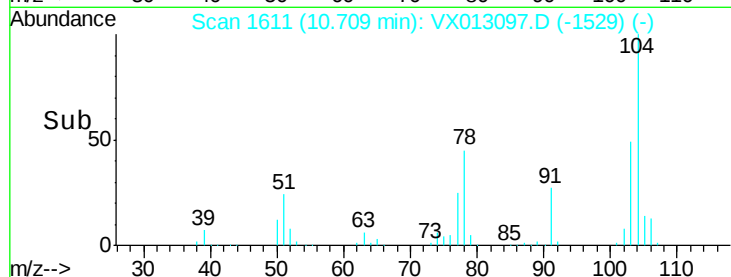
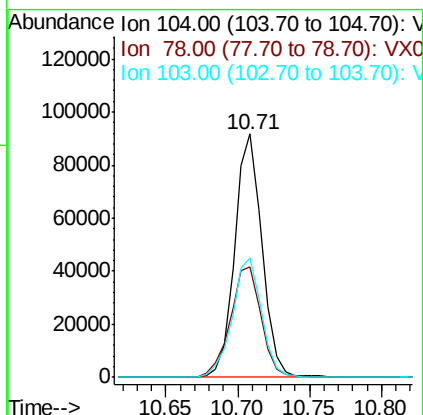
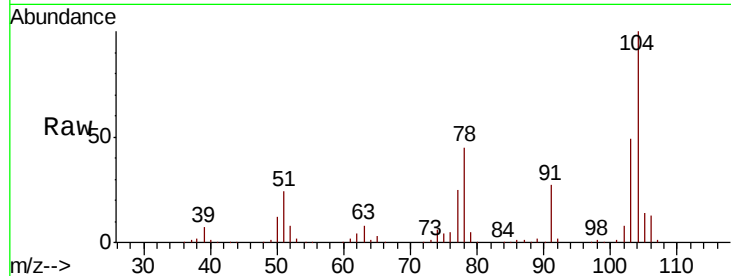
#69
Stvrene
Concen: 19.665 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.0	61.4
103	52.9	42.8	64.2

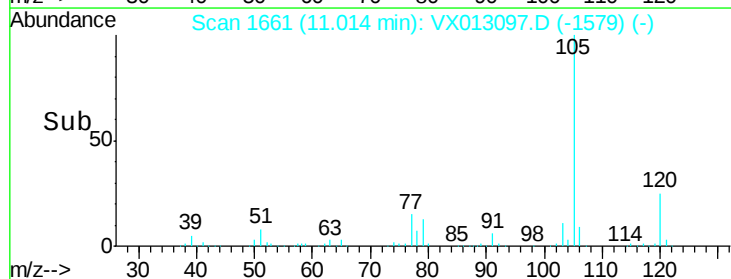
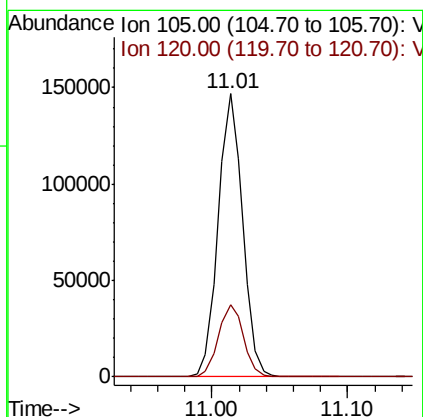
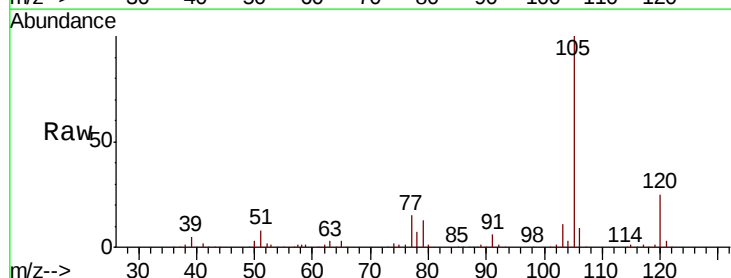
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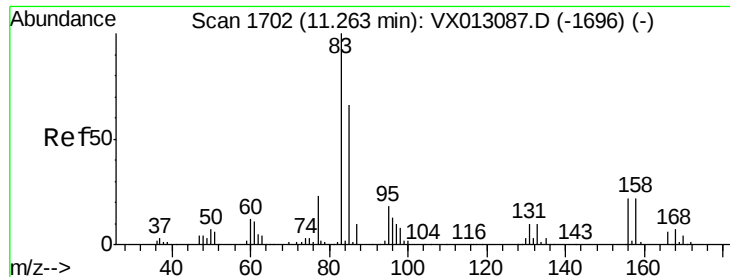
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#70
Isopropylbenzene
Concen: 19.045 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	17.9	33.3





#71

1,1,2,2-Tetrachloroethane

Concen: 20.032 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

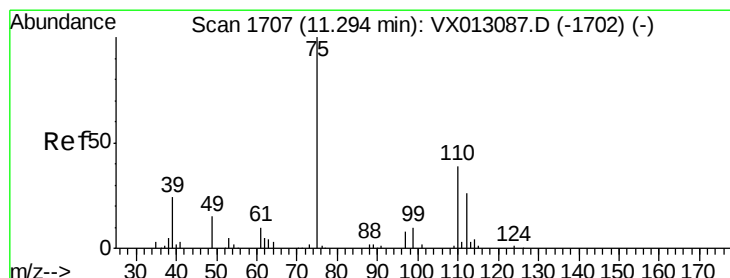
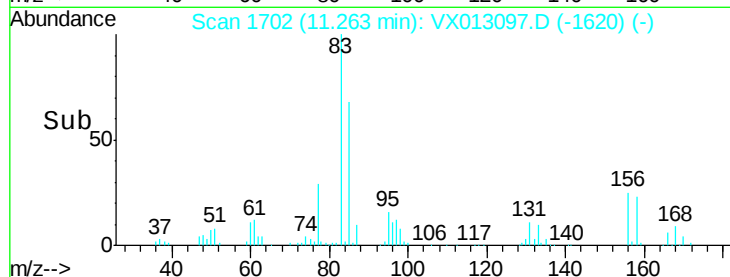
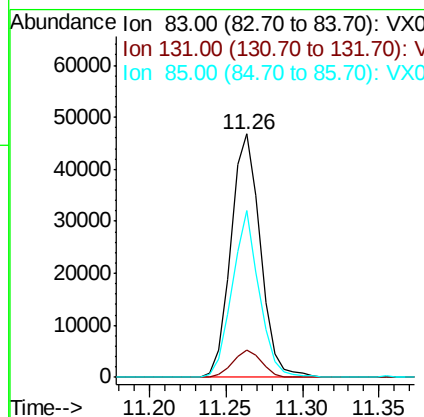
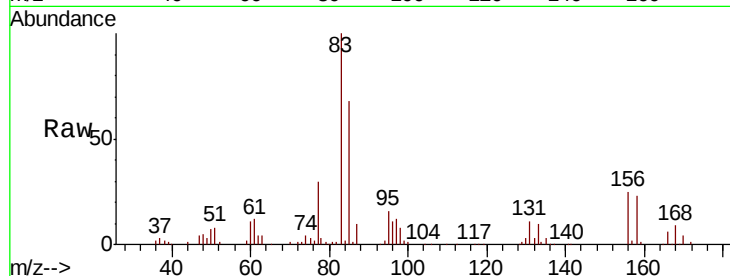
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	62339
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.9	14.6
85	63.3	31.9	95.9

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#72

1,2,3-Trichloropropane

Concen: 20.256 ug/l m

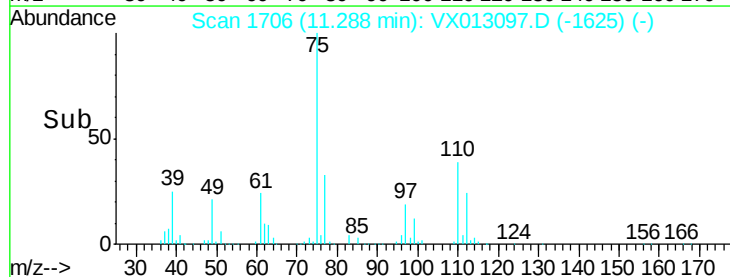
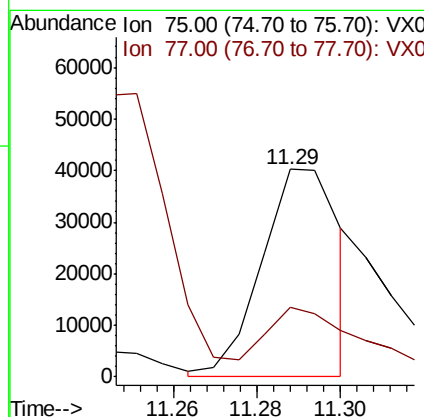
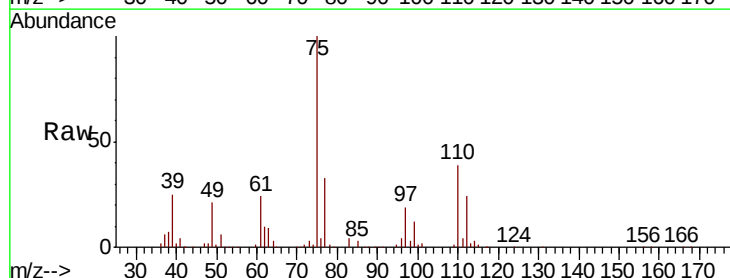
RT: 11.29 min Scan# 1706

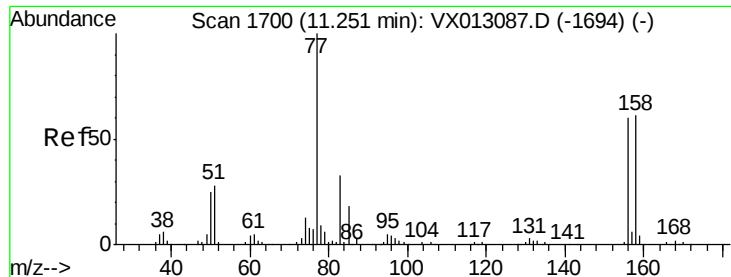
Delta R.T. -0.01 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tgt Ion:	75	Resp:	52414
Ion Ratio	Lower	Upper	
75	100		
77	42.3	0.0	87.8





#73

Bromobenzene

Concen: 19.999 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

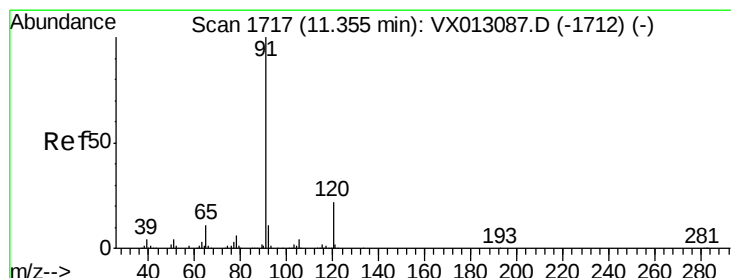
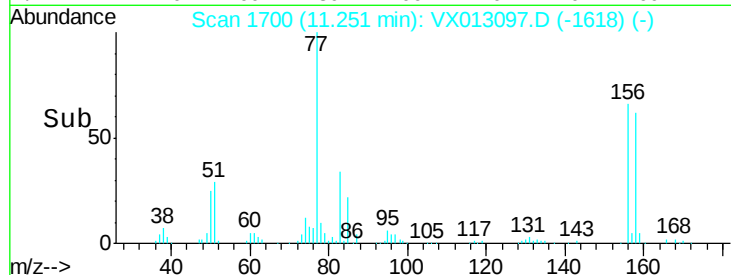
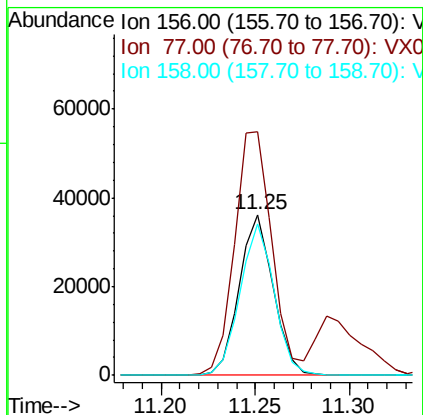
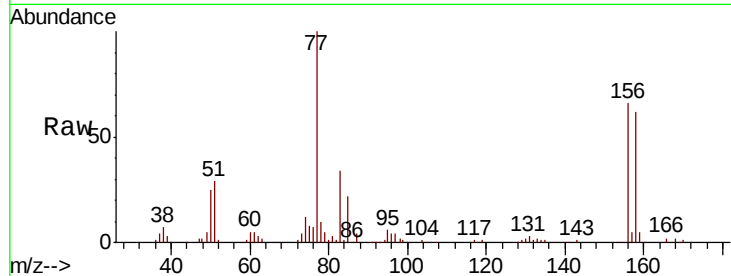
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	165.9	0.0	344.0
158	93.7	0.0	195.6

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#74

n-propylbenzene

Concen: 19.117 ug/l

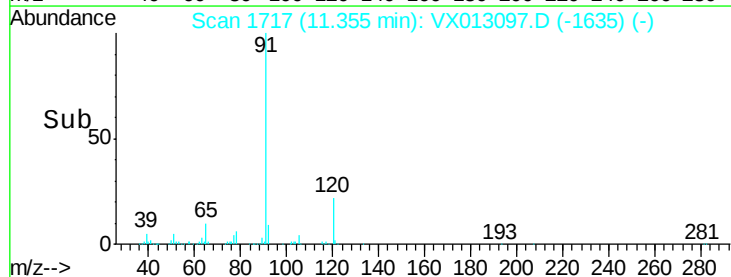
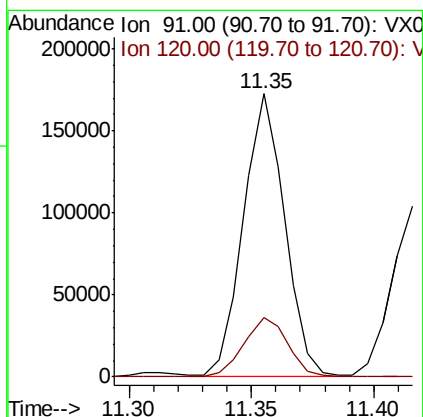
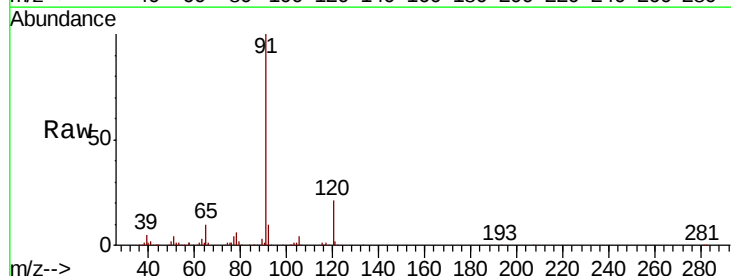
RT: 11.35 min Scan# 1717

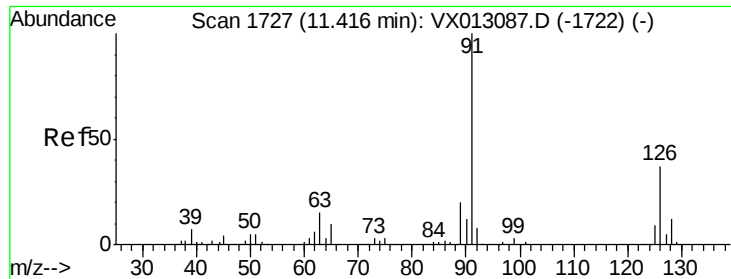
Delta R.T. 0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	45.0





#75

2-Chlorotoluene

Concen: 19.214 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 125722

Ion Ratio Lower Upper

91 100

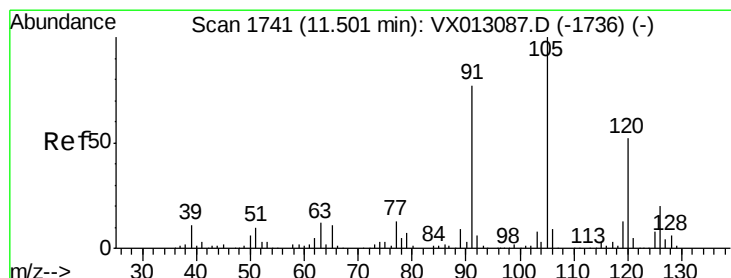
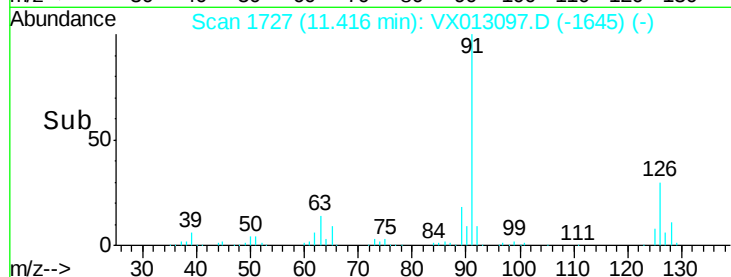
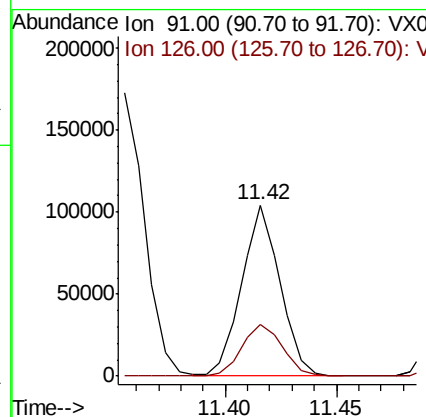
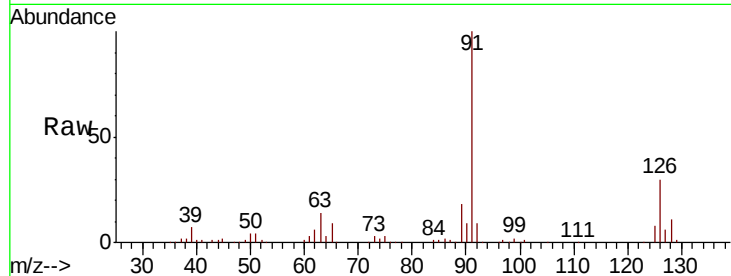
126 32.0 0.0 66.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.087 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013097.D

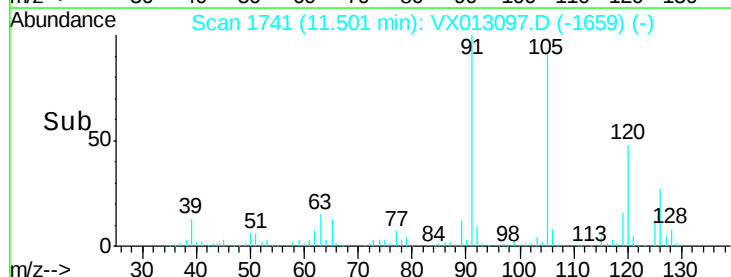
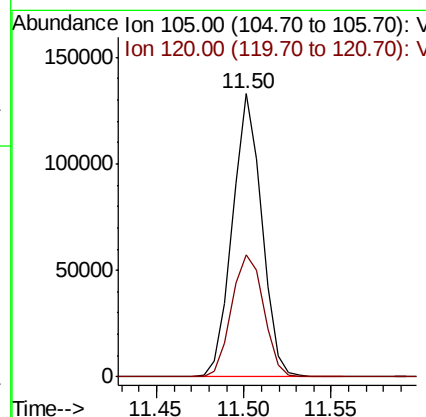
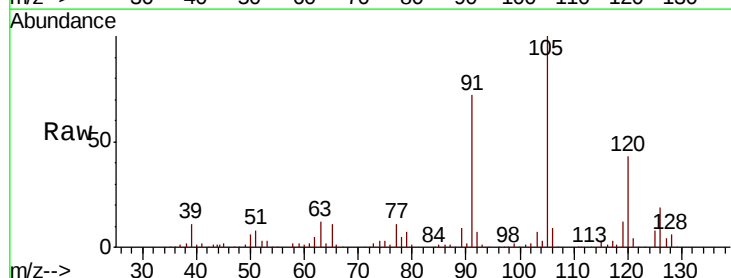
Acq: 16 Oct 2019 15:51

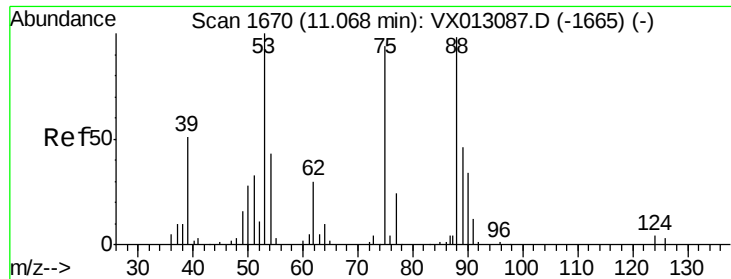
Tgt Ion: 105 Resp: 155306

Ion Ratio Lower Upper

105 100

120 47.2 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.907 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 75 Resp: 18933

Ion Ratio Lower Upper

75 100

53 104.1 53.1 159.4

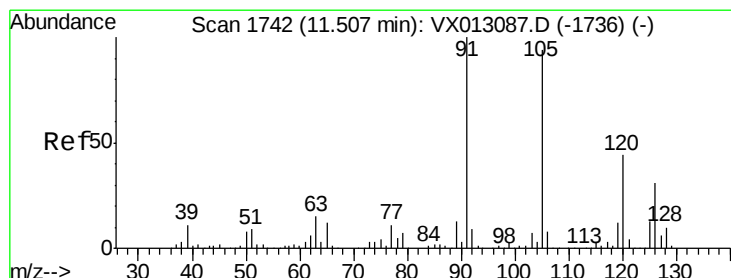
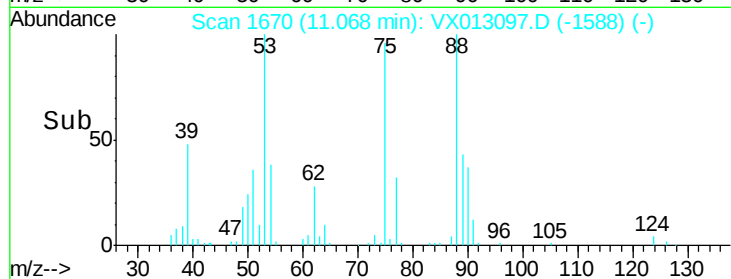
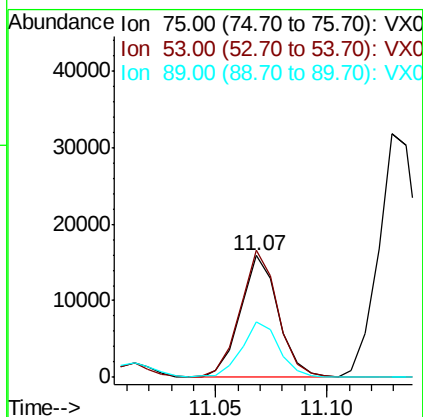
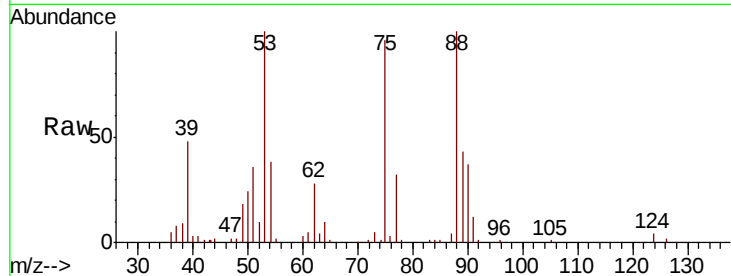
89 45.4 24.6 73.8

Manual Integrations

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#78

4-Chlorotoluene

Concen: 18.914 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013097.D

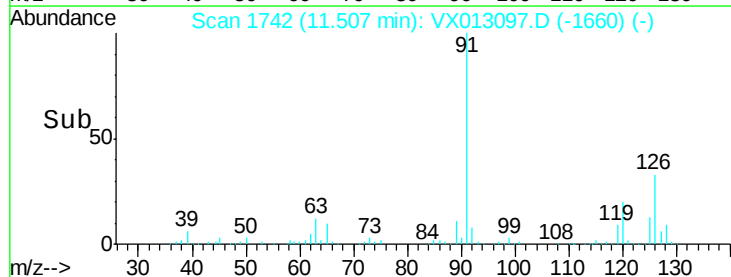
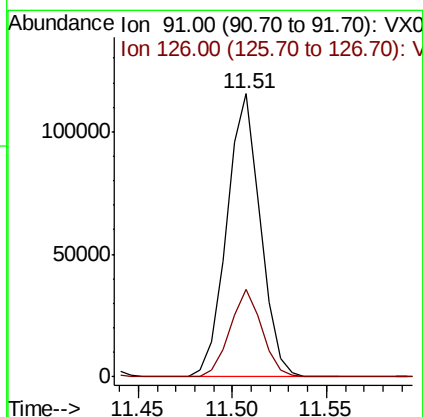
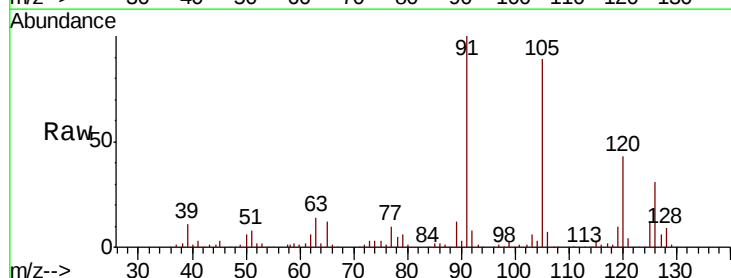
Acq: 16 Oct 2019 15:51

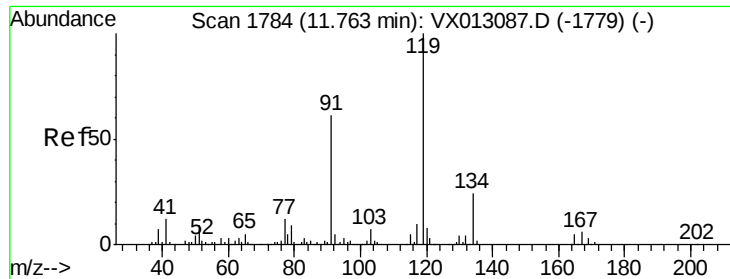
Tgt Ion: 91 Resp: 143108

Ion Ratio Lower Upper

91 100

126 29.4 0.0 57.0





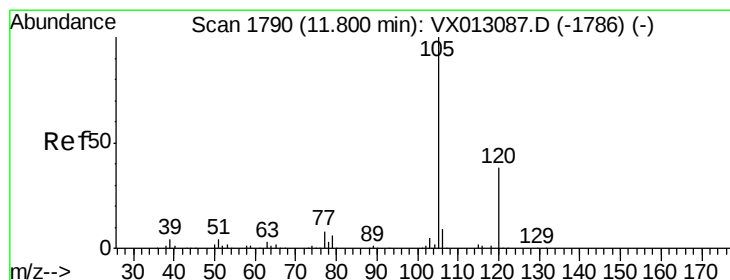
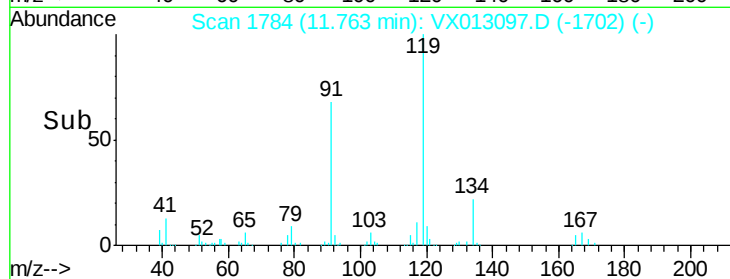
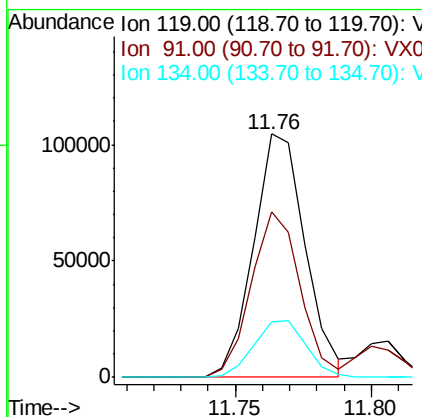
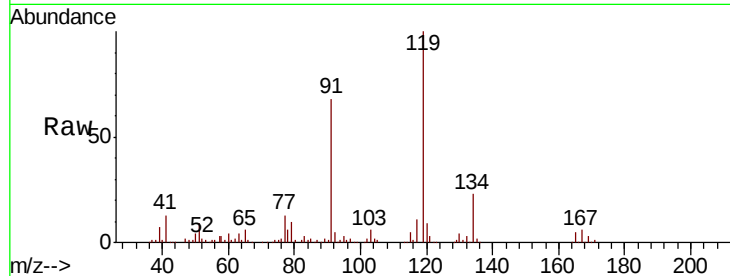
#79
tert-butylbenzene
Concen: 18.041 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	138090		
91	64.1	0.0	122.2	
134	23.7	0.0	46.6	

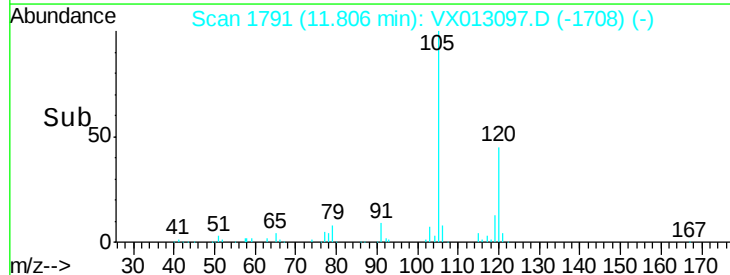
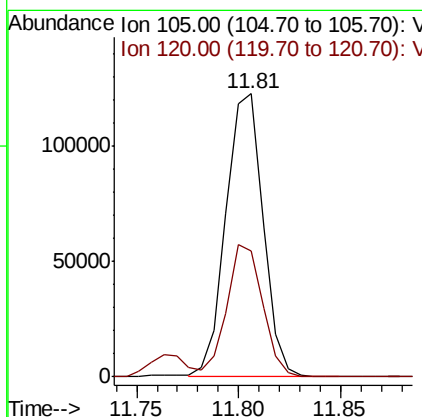
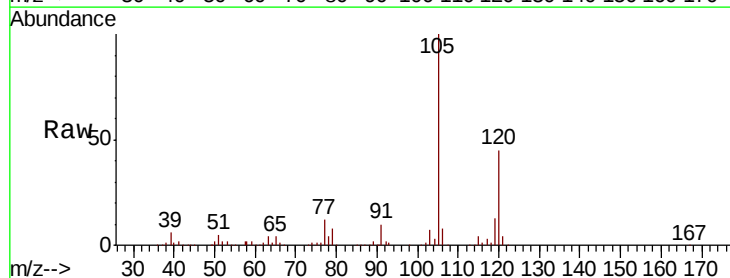
Manual Integrations
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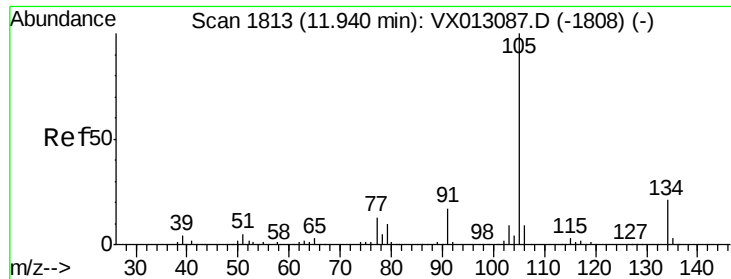
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.068 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154733		
120	44.5	0.0	85.8	





#81

sec-Butylbenzene

Concen: 17.488 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 161248

Ion Ratio Lower Upper

105 100

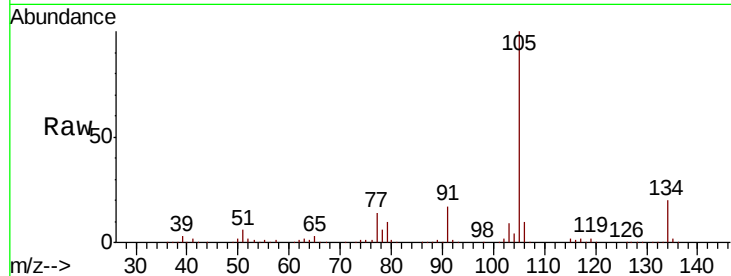
134 20.0 0.0 39.6

Manual Integrations

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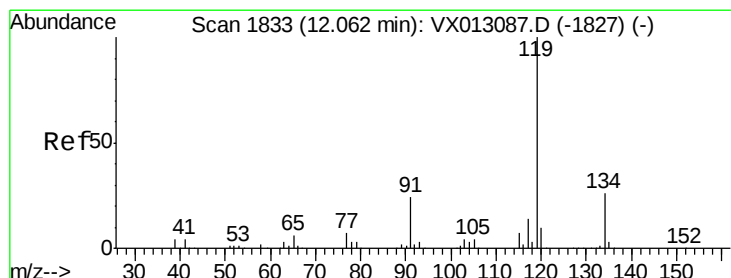
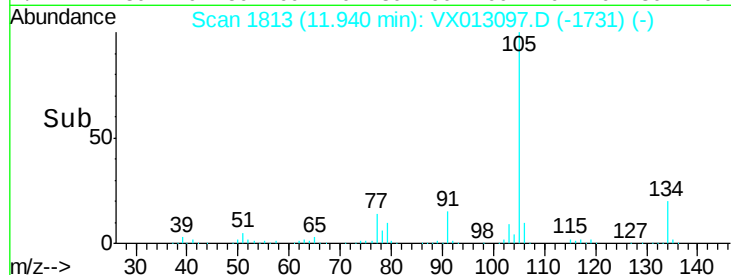
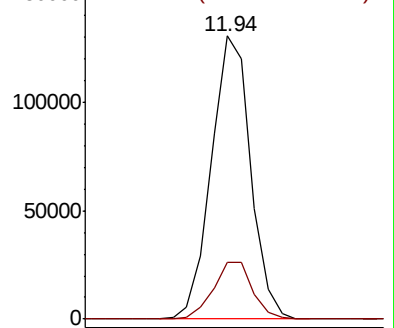
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.097 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013097.D

Acq: 16 Oct 2019 15:51

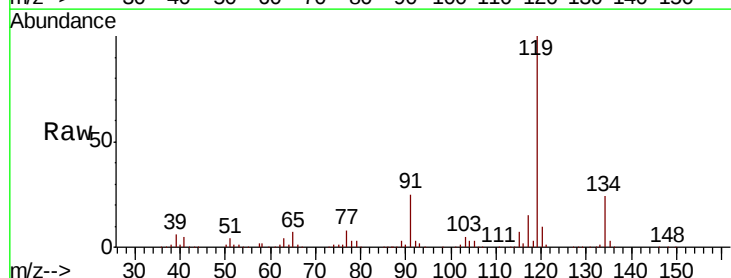
Tgt Ion:119 Resp: 152163

Ion Ratio Lower Upper

119 100

134 26.1 0.0 52.0

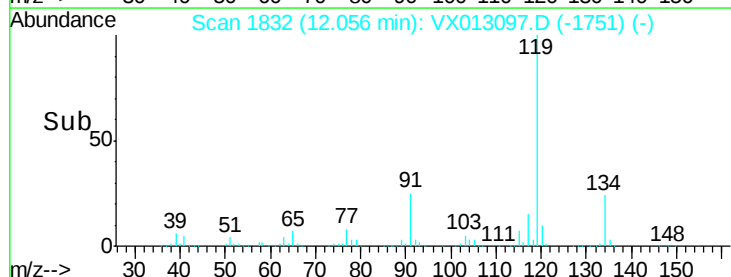
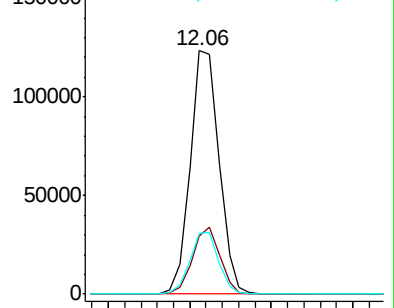
91 25.3 0.0 50.4

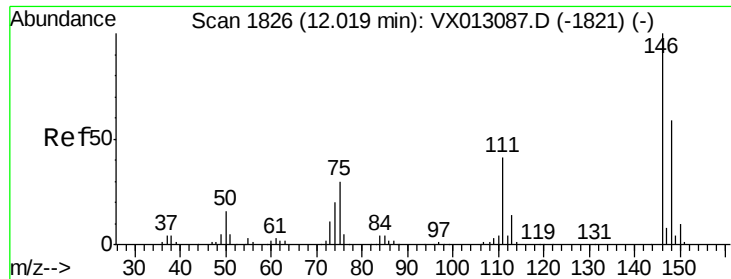


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





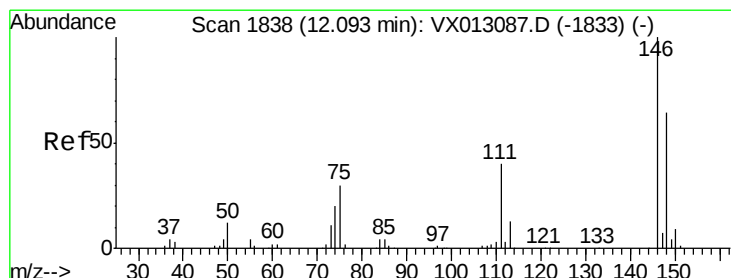
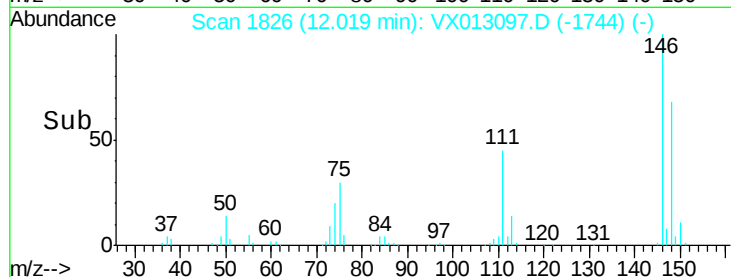
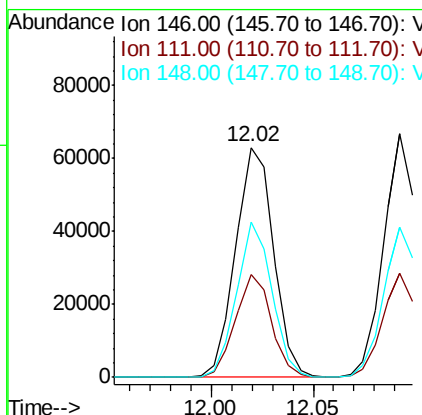
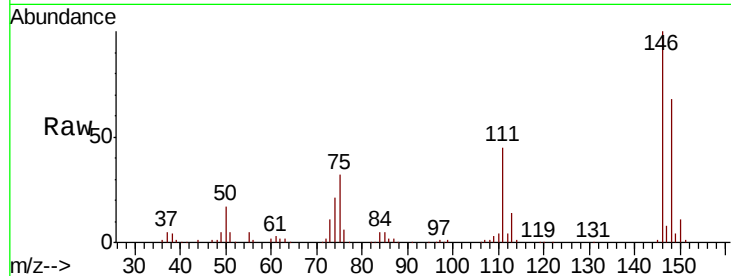
#83
 1,3-Dichlorobenzene
 Concen: 19.673 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	63.2	30.4	91.2

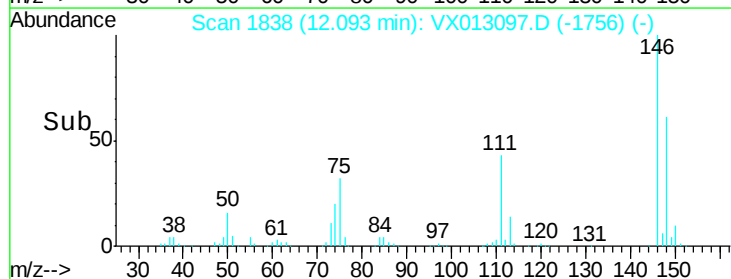
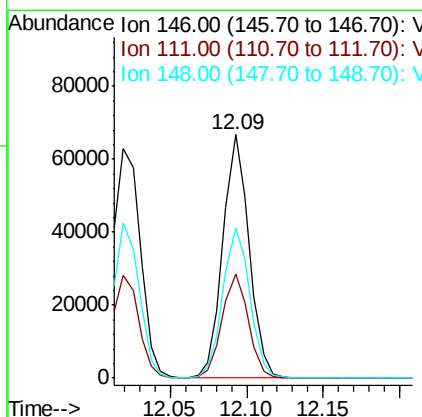
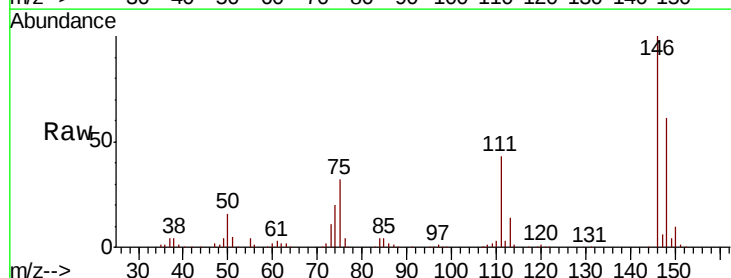
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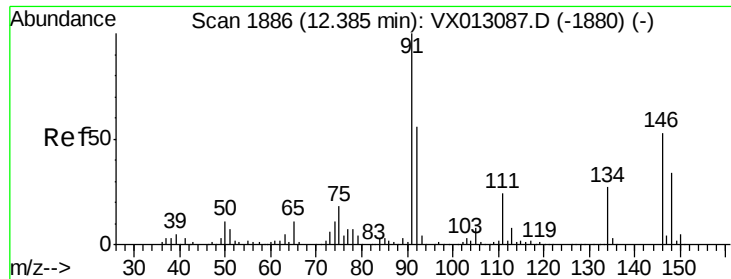
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 19.208 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.0	59.9
148	63.5	31.9	95.7





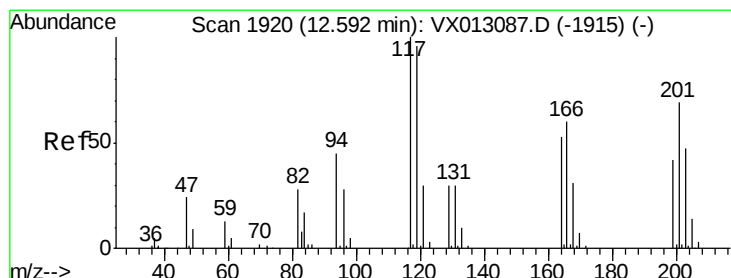
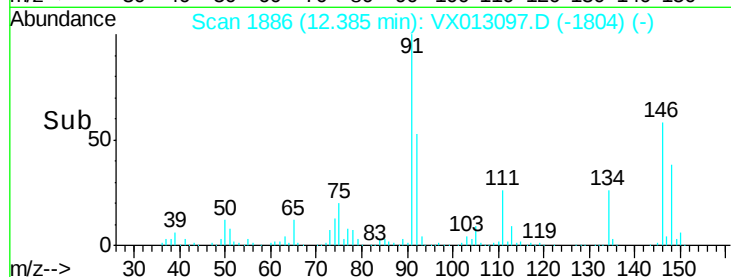
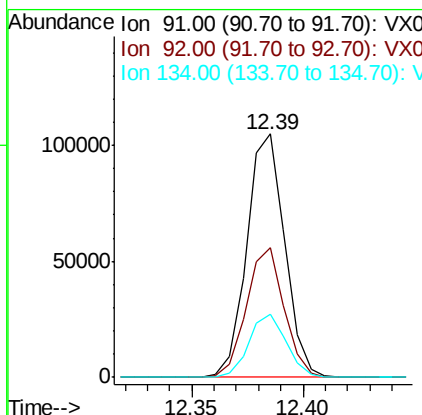
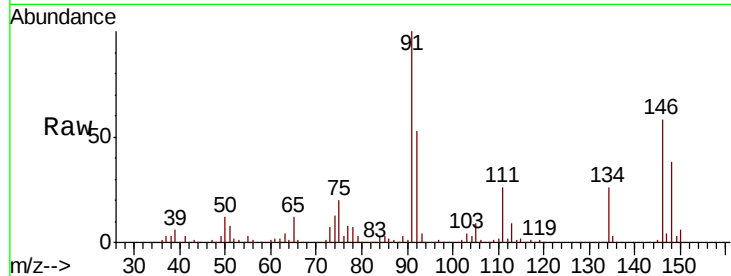
#85
n-Butylbenzene
Concen: 17.442 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	125175		
92	52.7	0.0	109.4	
134	25.4	0.0	51.6	

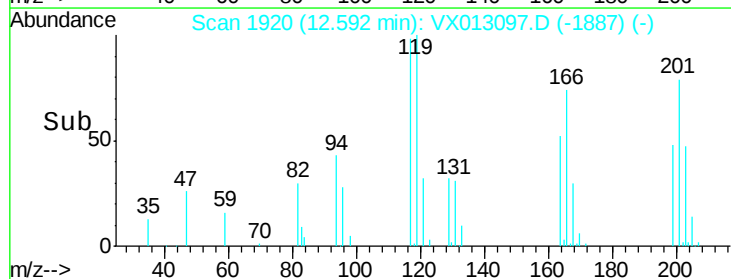
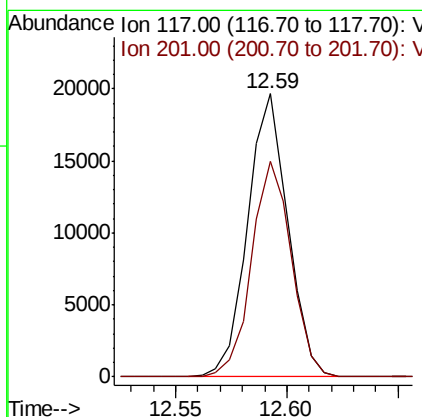
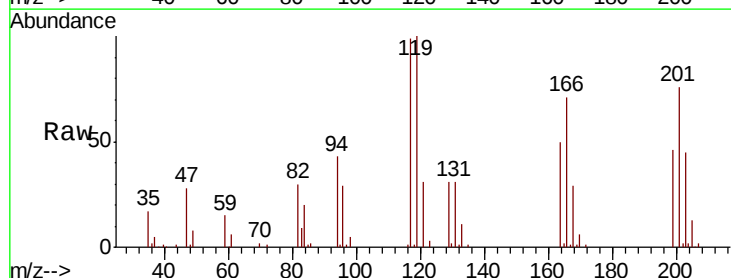
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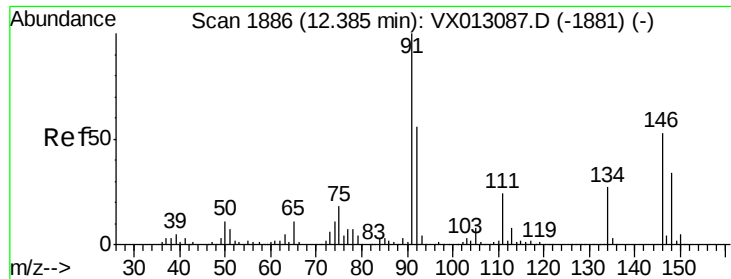
MMDadoda
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#86
Hexachloroethane
Concen: 17.006 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	24778		
201	75.2	34.2	102.5	





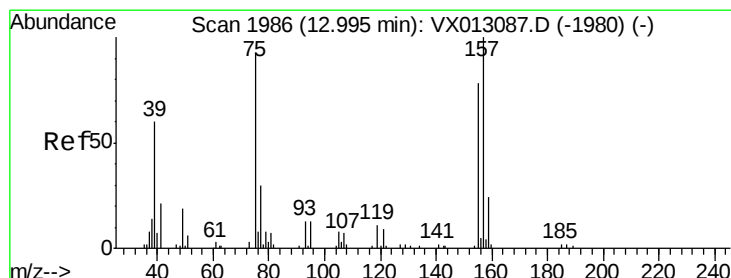
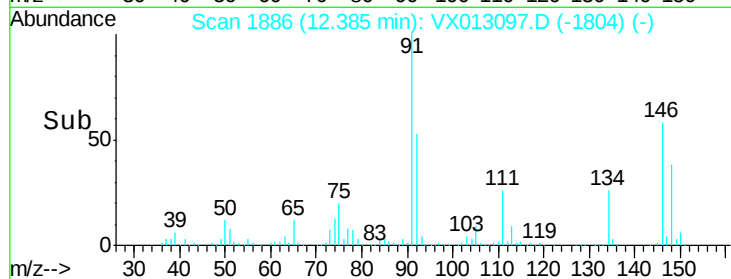
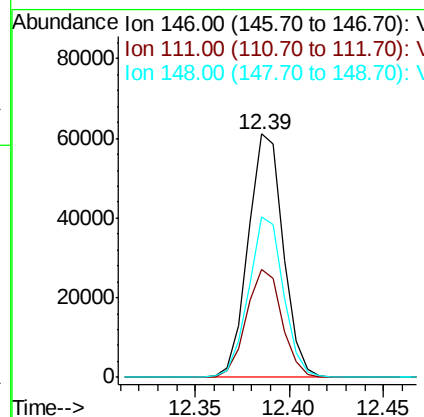
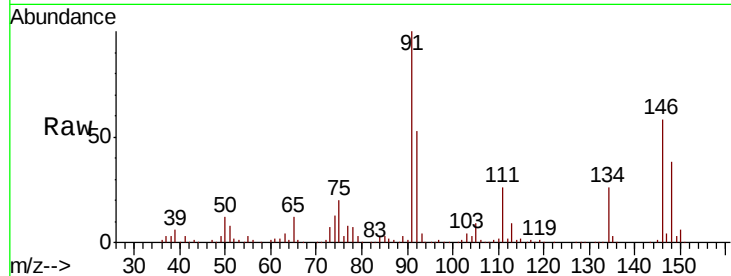
#87
 1,2-Dichlorobenzene
 Concen: 19.356 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.3	66.9
148	65.4	32.7	98.1

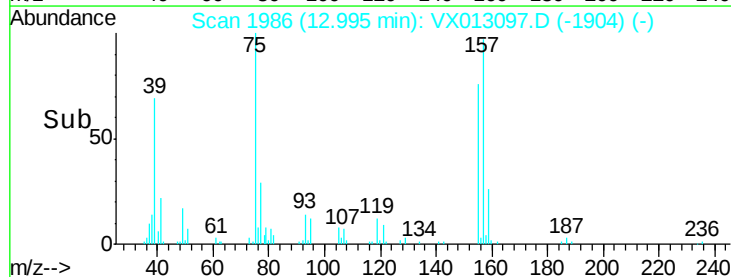
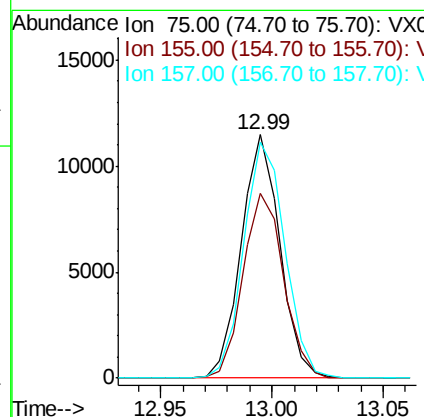
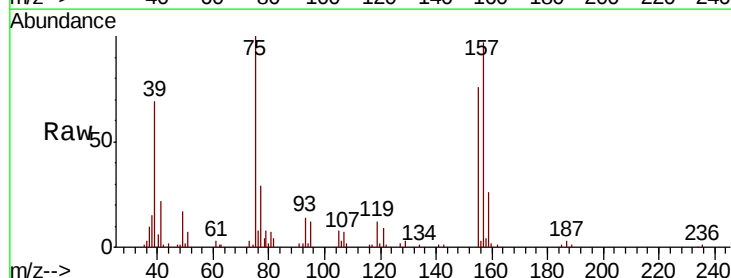
Manual Integrations
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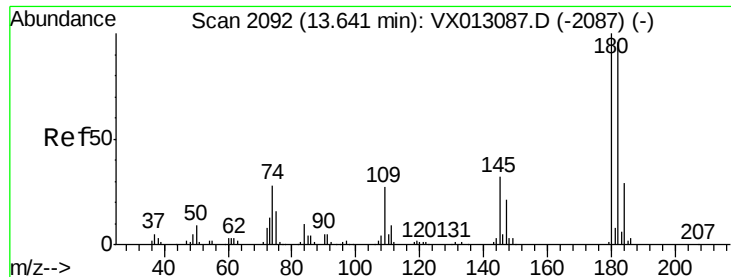
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.495 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	68.4	102.6
157	103.6	85.6	128.4





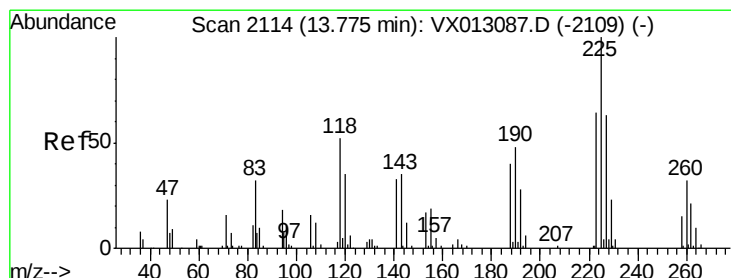
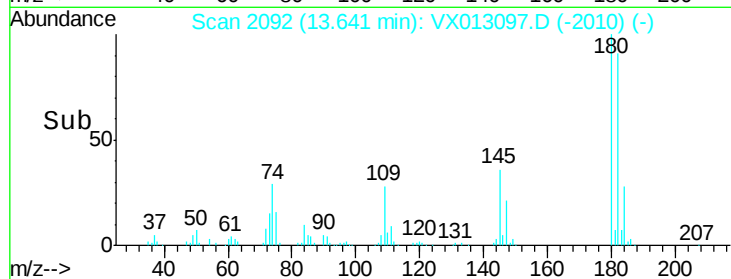
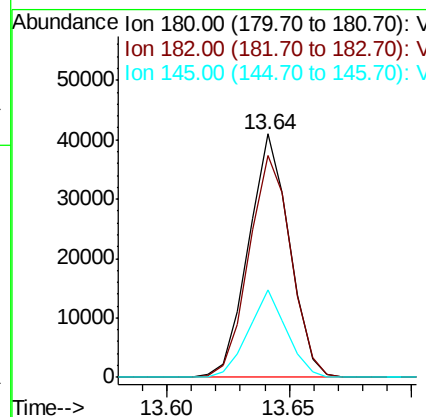
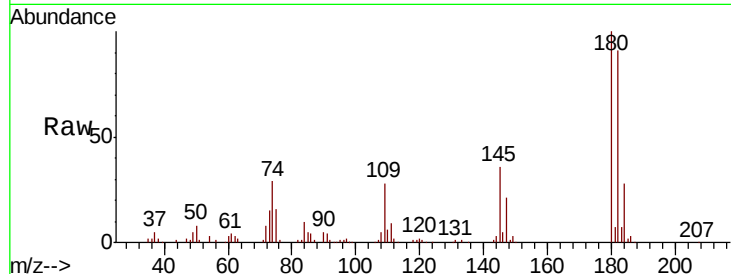
#89
 1,2,4-Trichlorobenzene
 Concen: 18.718 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.8	112.2
145	33.4	26.2	39.2

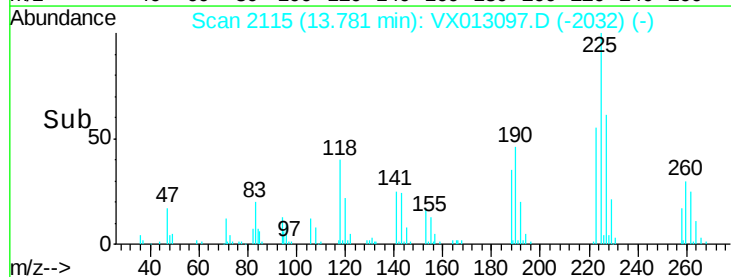
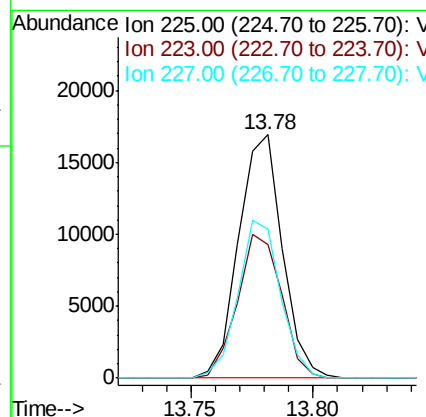
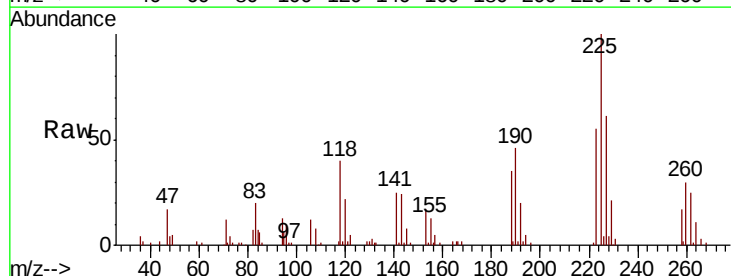
Manual Integrations
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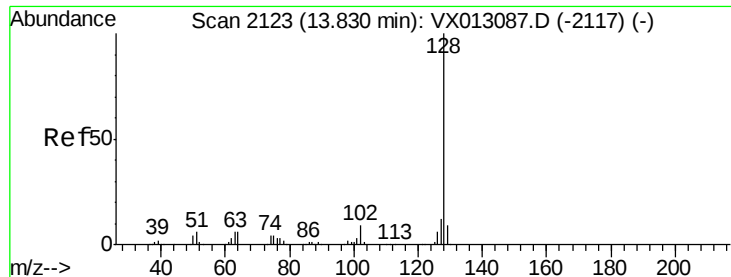
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#90
 Hexachlorobutadiene
 Concen: 17.369 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013097.D
 Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	0.0	132.2
227	63.0	0.0	124.2





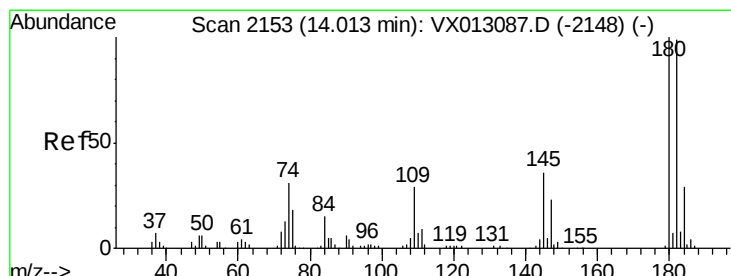
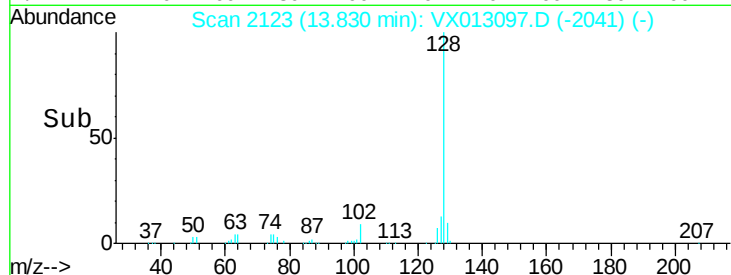
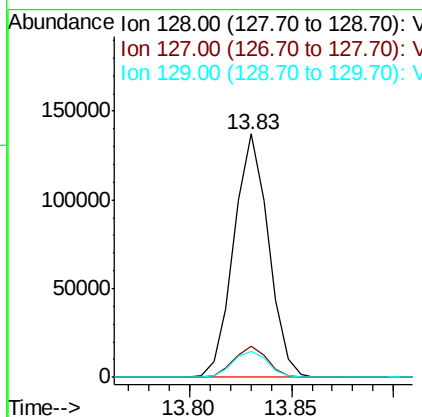
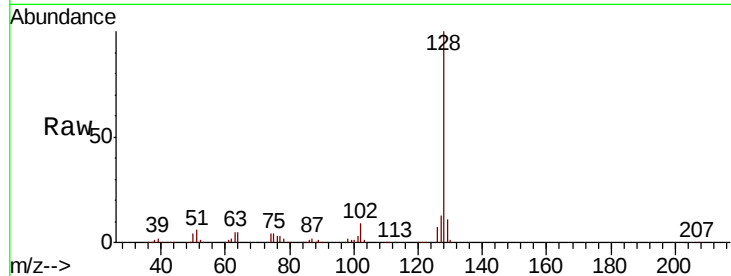
#91
Naphthalene
Concen: 18.703 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.0	15.0
129	10.9	8.0	12.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.285 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013097.D
Acq: 16 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	0.0	195.2
145	34.9	0.0	69.8

