

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014750.D
 Acq On : 28 Jan 2020 14:55
 Operator : JC/SP
 Sample : VX0128MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:28 AM

Quant Time: Jan 29 00:16:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	236381	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.48	113	193277	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	8.71	98	744457	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.13	95	262597	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	107209	17.977	ug/l	99
3) Chloromethane	1.32	50	106035	17.304	ug/l	99
4) Vinyl Chloride	1.40	62	121114	18.280	ug/l	98
5) Bromomethane	1.63	94	69508	15.445	ug/l	100
6) Chloroethane	1.72	64	69508	17.435	ug/l	98
7) Trichlorofluoromethane	1.92	101	139333	18.061	ug/l	96
8) Diethyl Ether	2.17	74	58455	17.360	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83006	18.328	ug/l	98
10) Methyl Iodide	2.50	142	103709	17.452	ug/l	98
11) Tert butyl alcohol	3.02	59	94338	79.439	ug/l	97
12) 1,1-Dichloroethene	2.37	96	78210	17.369	ug/l	99
13) Acrolein	2.28	56	61083	65.235	ug/l	97
14) Allyl chloride	2.72	41	141864	17.528	ug/l	98
15) Acrylonitrile	3.12	53	233905	85.127	ug/l	99
16) Acetone	2.43	43	200424	69.244	ug/l	99
17) Carbon Disulfide	2.56	76	201850	16.402	ug/l	99
18) Methyl Acetate	2.76	43	144513	17.464	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	261905	17.758	ug/l	99
20) Methylene Chloride	2.84	84	94001	17.523	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	87096	17.567	ug/l	98
22) Diisopropyl ether	3.84	45	292284	18.151	ug/l	93
23) Vinyl Acetate	3.80	43	1076038	87.662	ug/l	99
24) 1,1-Dichloroethane	3.69	63	157466	18.007	ug/l	99
25) 2-Butanone	4.65	43	324733	78.182	ug/l	98
26) 2,2-Dichloropropane	4.57	77	121785	17.399	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	99596	17.949	ug/l	97
28) Bromochloromethane	5.00	49	68063	17.712	ug/l	98
29) Tetrahydrofuran	5.11	42	210683	85.463	ug/l	98
30) Chloroform	5.20	83	156897	18.112	ug/l	100
31) Cyclohexane	5.57	56	144074	17.517	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	130521	17.825	ug/l	98
36) 1,1-Dichloropropene	5.79	75	116422	18.828	ug/l	98
37) Ethyl Acetate	4.81	43	127106	17.947	ug/l	99
38) Carbon Tetrachloride	5.77	117	110082	18.640	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144029	18.592	ug/l	94
40) Benzene	6.13	78	356228	18.645	ug/l	99
41) Methacrylonitrile	5.02	41	69721	17.088	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124892	18.929	ug/l	98
43) Isopropyl Acetate	6.43	43	205700	17.736	ug/l	99
44) Trichloroethene	7.20	130	99644	18.464	ug/l	95
45) 1,2-Dichloropropane	7.51	63	94891	19.278	ug/l	97
46) Dibromomethane	7.65	93	60084	18.848	ug/l	100
47) Bromodichloromethane	7.89	83	118240	18.911	ug/l	98
48) Methyl methacrylate	7.76	41	102982	18.584	ug/l	98
49) 1,4-Dioxane	7.73	88	42147	358.813	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	657455	89.818	ug/l	100
52) Toluene	8.78	92	222749	18.966	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	125957	18.709	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139530	18.839	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	91538	19.037	ug/l	99
56) Ethyl methacrylate	9.17	69	135806	17.849	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157597	19.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	231724	95.823	ug/l	100
59) 2-Hexanone	9.48	43	492425	86.693	ug/l	99
60) Dibromochloromethane	9.57	129	93015	18.532	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94606	18.608	ug/l	100
64) Tetrachloroethene	9.33	164	110247	18.307	ug/l	97
65) Chlorobenzene	10.14	112	243185	18.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86244	17.975	ug/l	97
67) Ethyl Benzene	10.25	91	422871	19.032	ug/l	99
68) m/p-Xylenes	10.35	106	319385	37.942	ug/l	98
69) o-Xylene	10.70	106	154599	19.024	ug/l	99
70) Styrene	10.71	104	265882	19.505	ug/l	98
71) Bromoform	10.85	173	68080	17.843	ug/l #	99
73) Isopropylbenzene	11.01	105	410106	19.024	ug/l	99
74) N-amyl acetate	10.89	43	176056	18.637	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	131207	17.046	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	114286m	16.022	ug/l	
77) Bromobenzene	11.25	156	107283	18.525	ug/l	98
78) n-propylbenzene	11.35	91	476852	19.487	ug/l	100
79) 2-Chlorotoluene	11.42	91	278770	18.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346199	19.349	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	39822	15.887	ug/l	92
82) 4-Chlorotoluene	11.51	91	324860	19.273	ug/l	100
83) tert-Butylbenzene	11.76	119	320201	19.045	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	349485	19.474	ug/l	99
85) sec-Butylbenzene	11.94	105	402019	19.519	ug/l	100
86) p-Isopropyltoluene	12.06	119	367365	19.300	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	192733	18.518	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192267	18.442	ug/l	99
89) n-Butylbenzene	12.38	91	314218	18.954	ug/l	100
90) Hexachloroethane	12.59	117	63198	17.875	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	195558	18.918	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26943	16.292	ug/l	93

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127738	19.167	ug/l	98
94) Hexachlorobutadiene	13.77	225	67340	19.631	ug/l	99
95) Naphthalene	13.83	128	371040	17.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	129466	19.212	ug/l	97

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

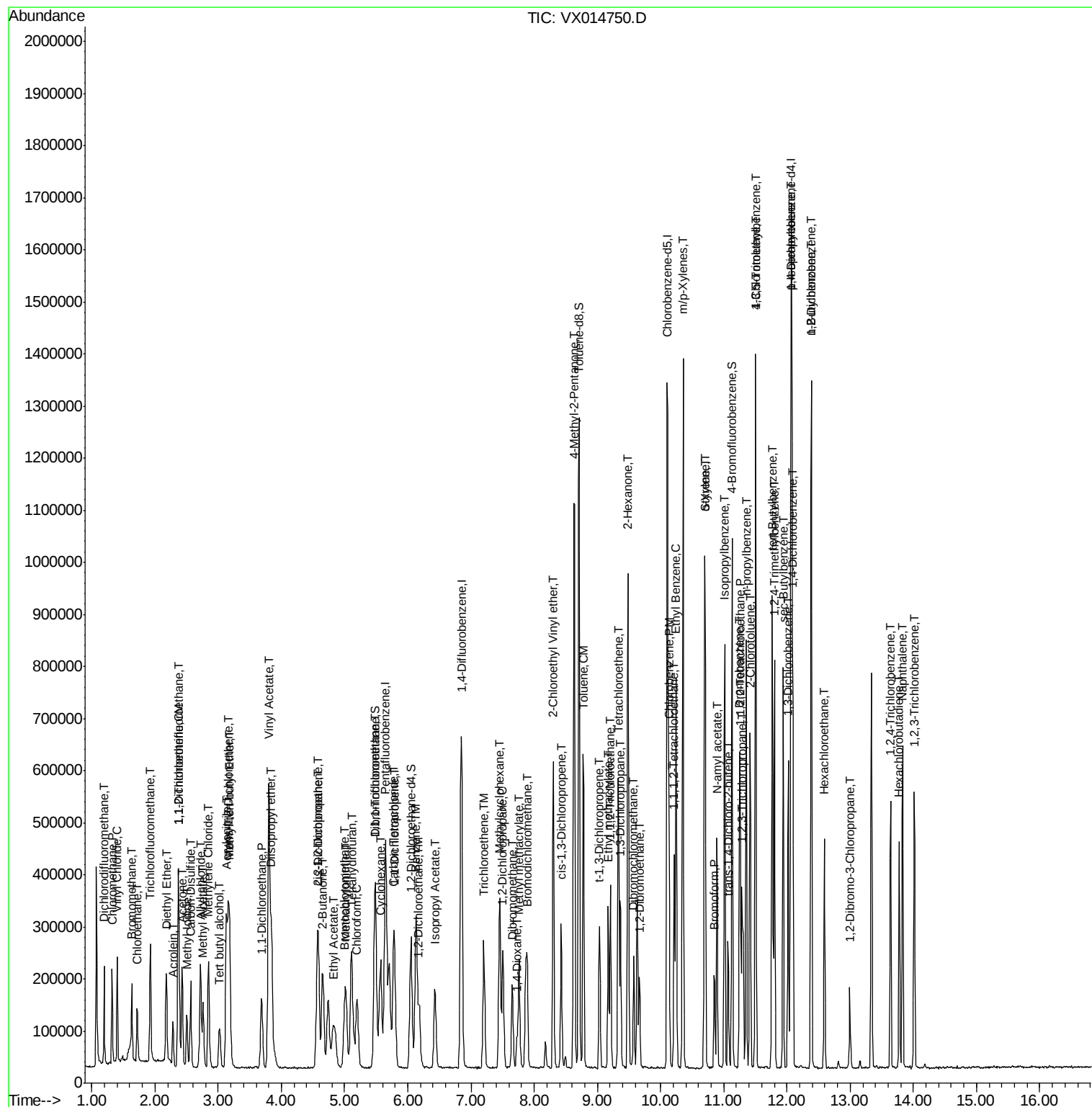
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 Data File : VX014750.D
 Acq On : 28 Jan 2020 14:55
 Operator : JC/SP
 Sample : VX0128MBS01
 Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

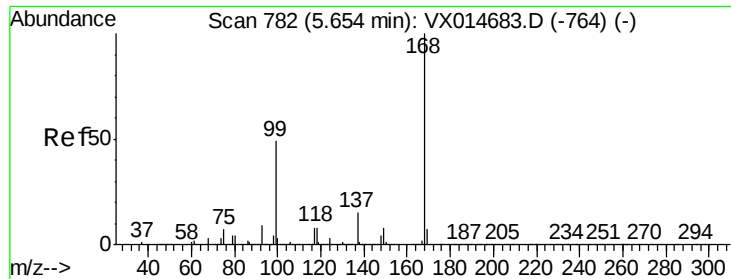
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0128MBS01

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#1

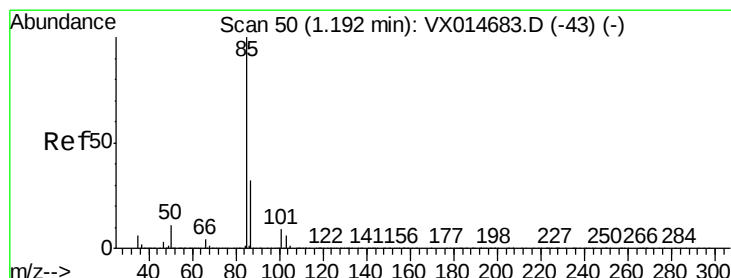
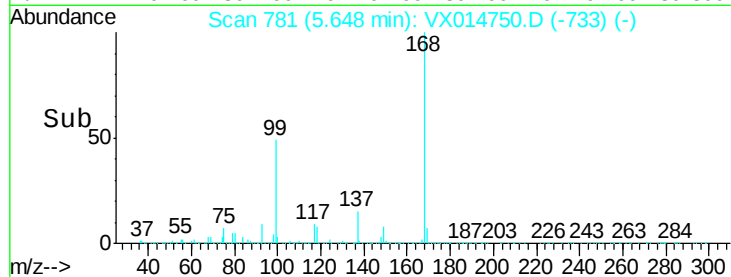
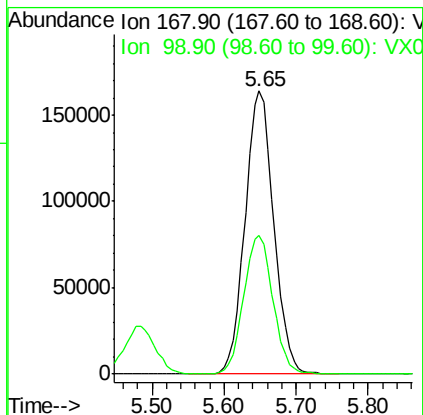
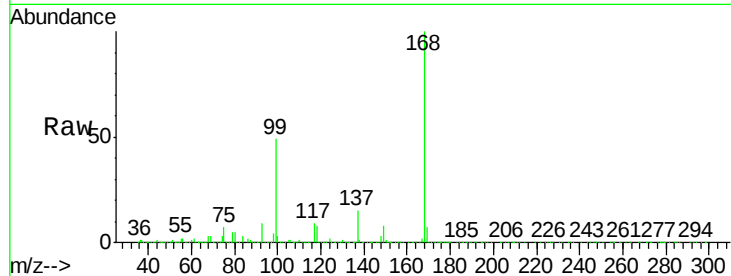
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	452960		
99	48.8	39.8	59.6	

Manual Integrations
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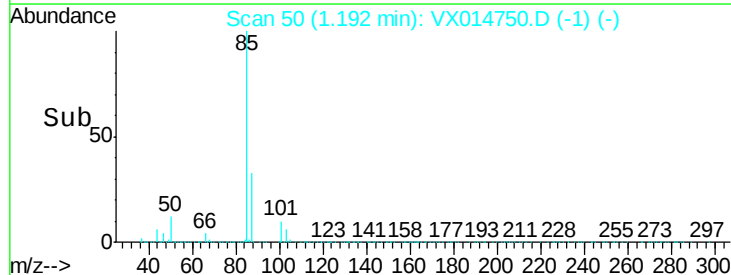
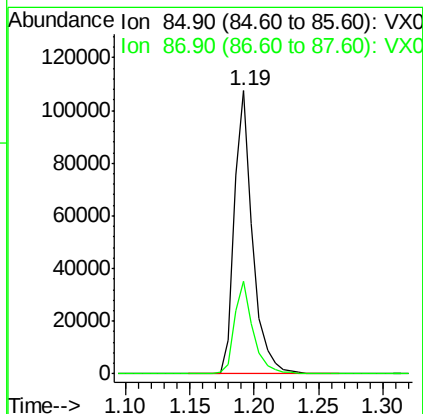
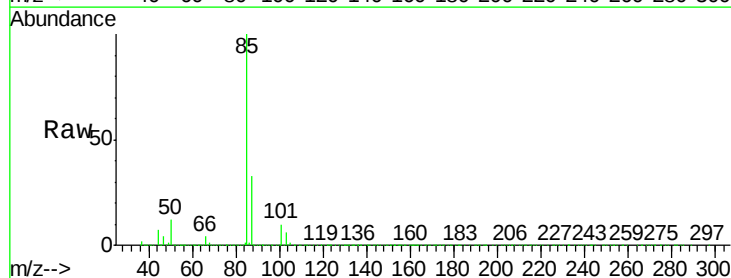
MMDadoda
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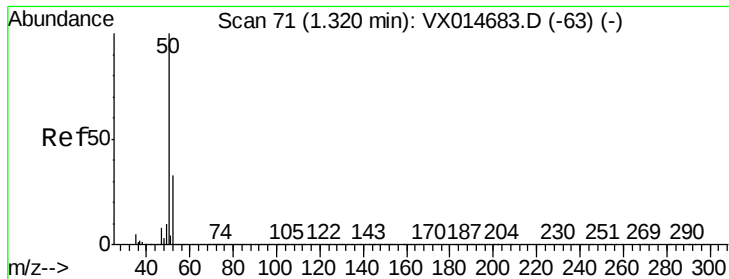


#2

Dichlorodifluoromethane
Concen: 17.977 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	107209		
87	32.7	16.2	48.5	





#3

Chloromethane

Concen: 17.304 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 50 Resp: 106035

Ion Ratio Lower Upper

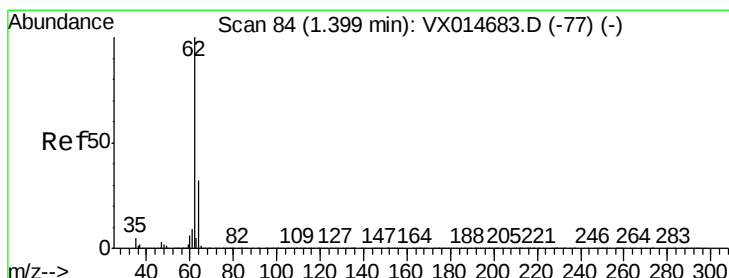
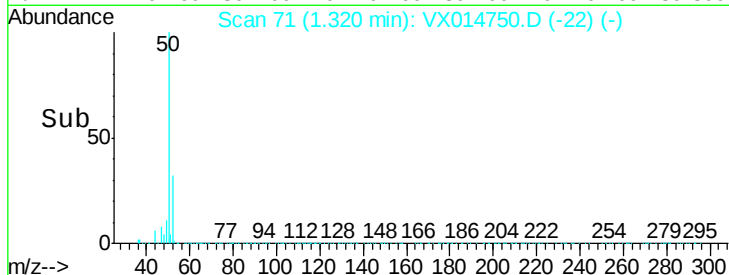
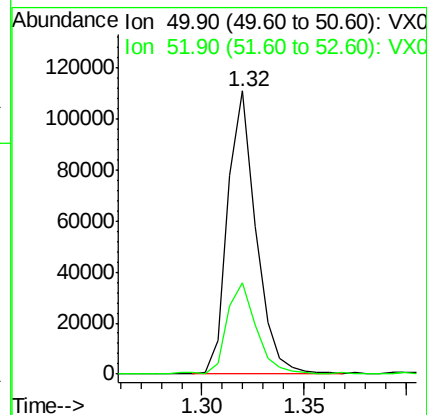
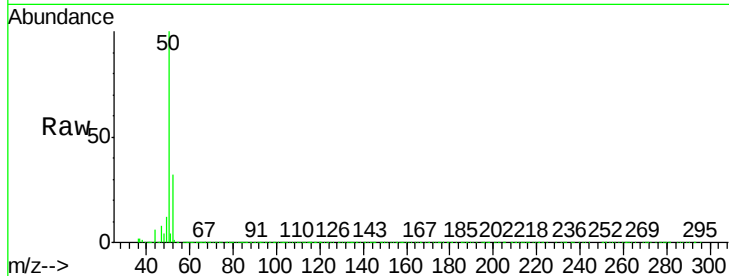
50 100

52 31.9 26.2 39.2

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#4

Vinyl Chloride

Concen: 18.280 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014750.D

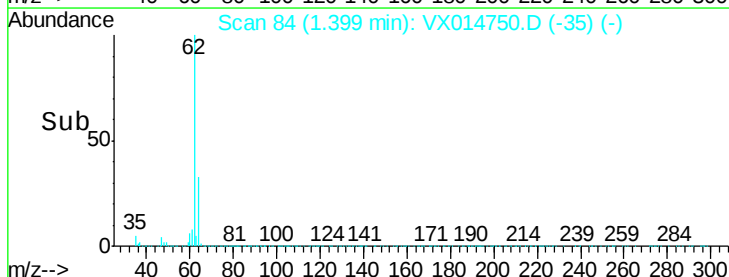
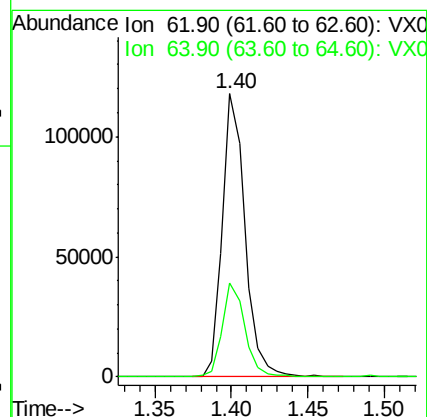
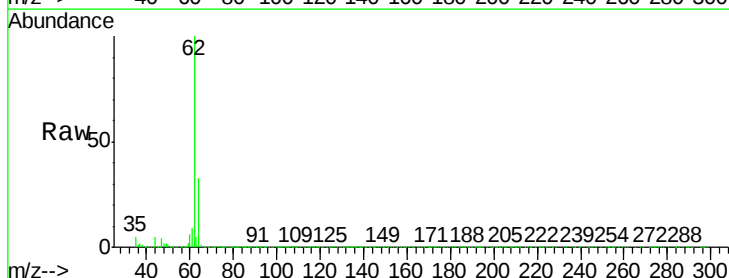
Acq: 28 Jan 2020 14:55

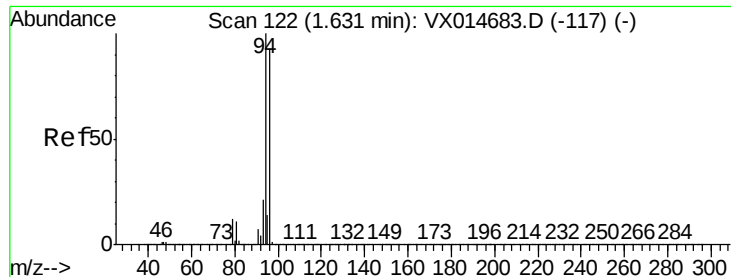
Tgt Ion: 62 Resp: 121114

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: 15.445 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 94 Resp: 69508

Ion Ratio Lower Upper

94 100

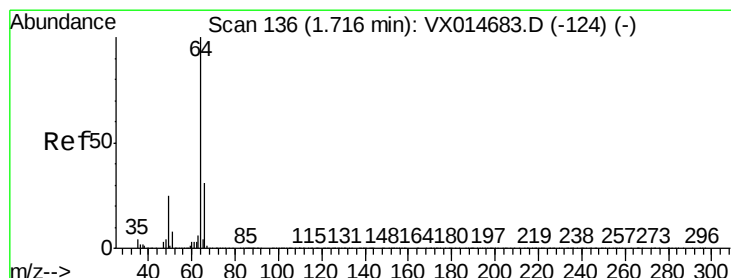
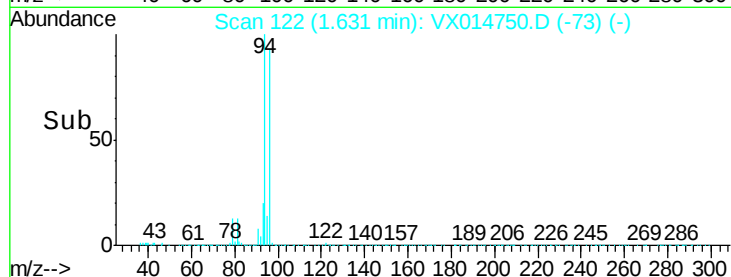
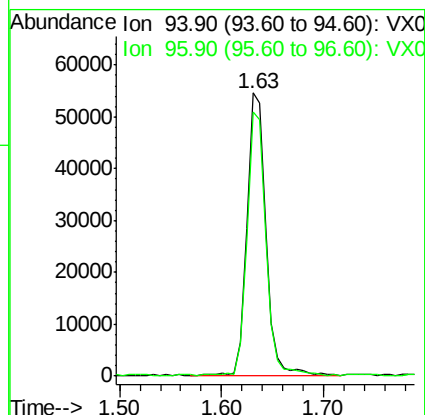
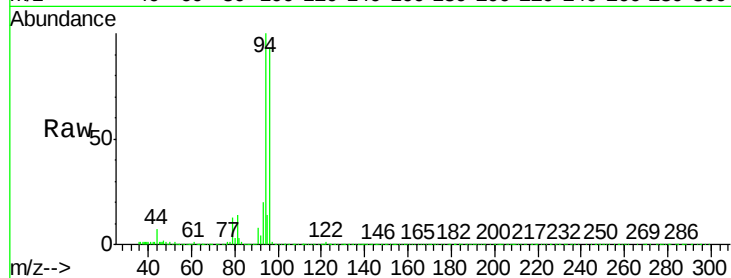
96 93.2 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 17.435 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014750.D

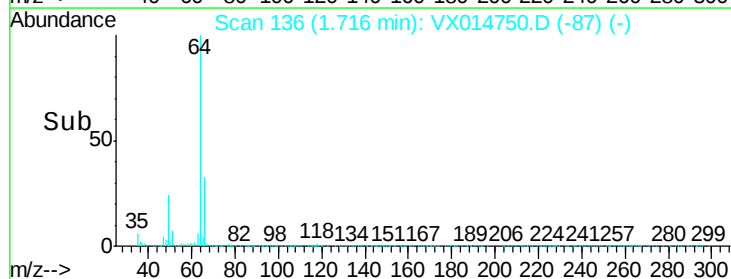
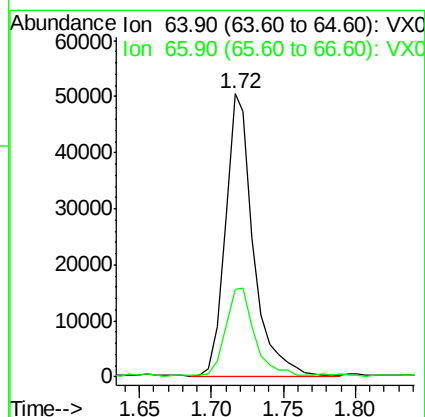
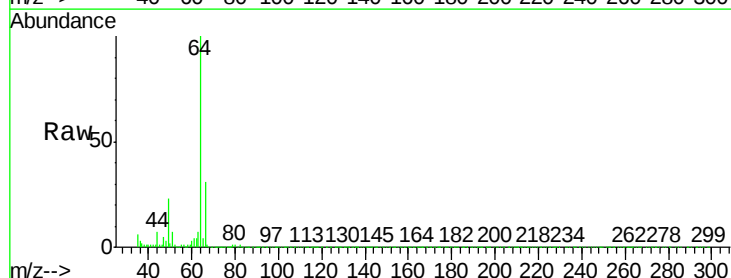
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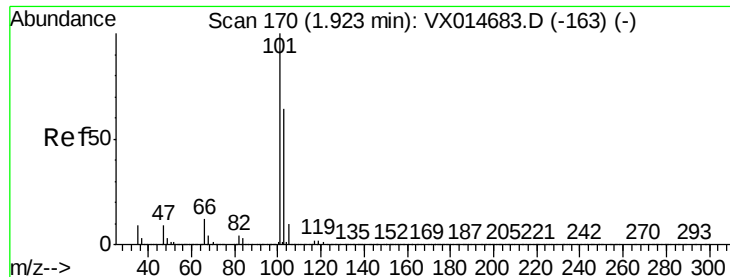
Tgt Ion: 64 Resp: 69508

Ion Ratio Lower Upper

64 100

66 30.4 25.2 37.8





#7

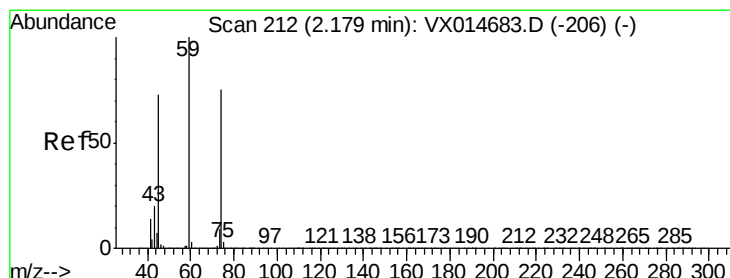
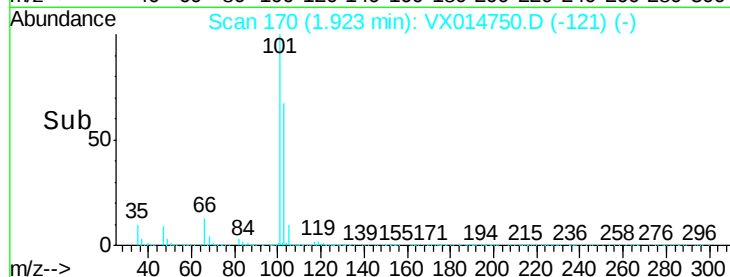
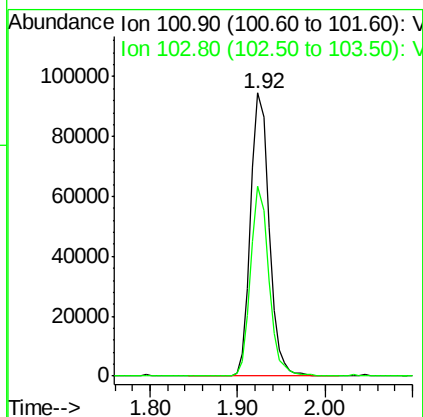
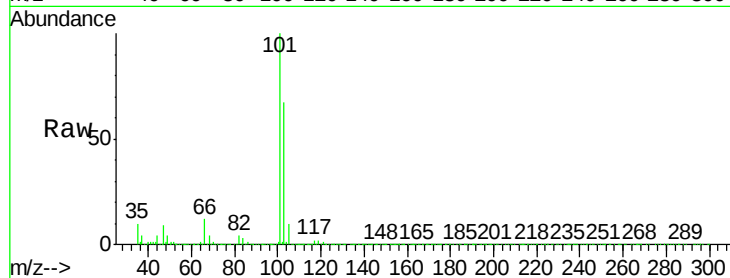
Trichlorofluoromethane
Concen: 18.061 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.0	76.6

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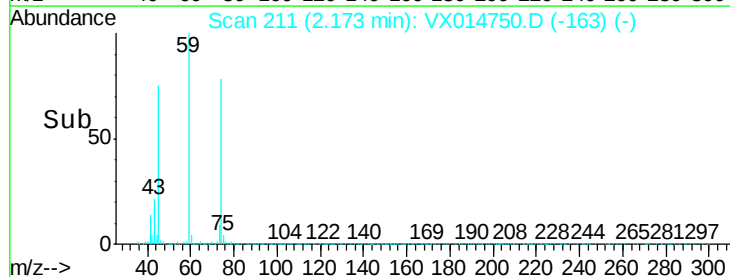
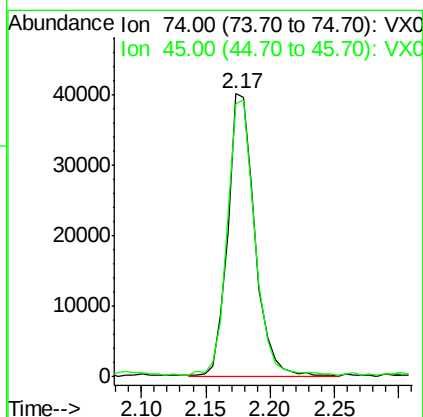
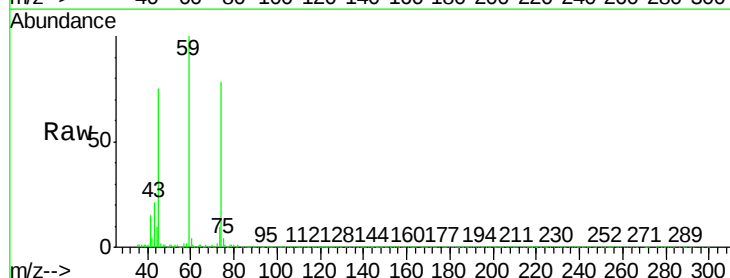
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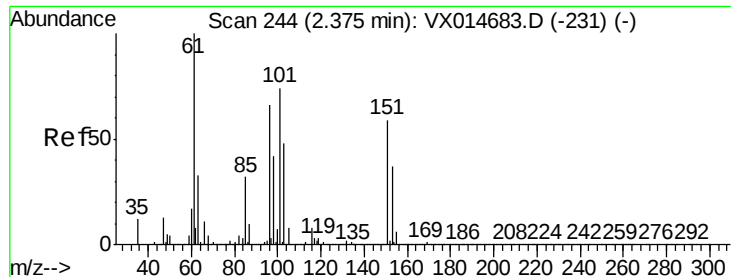


#8

Diethyl Ether
Concen: 17.360 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.328 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

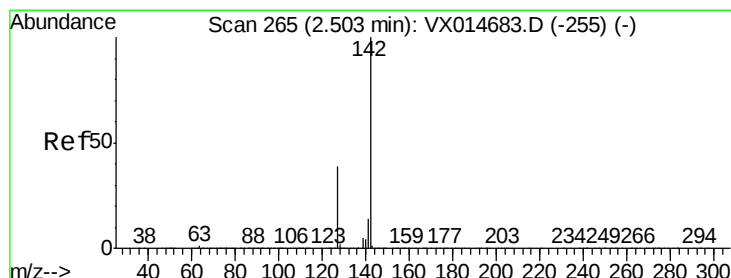
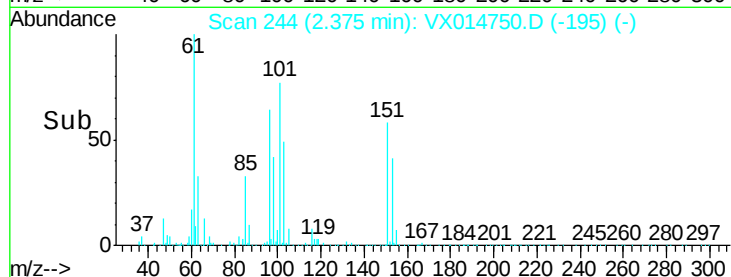
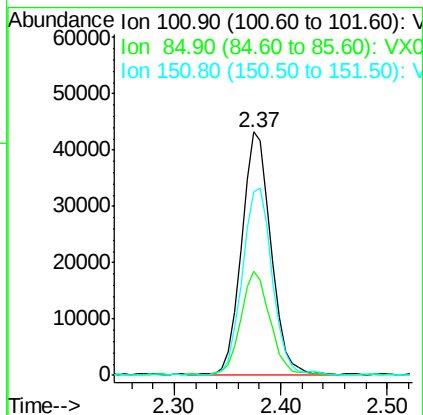
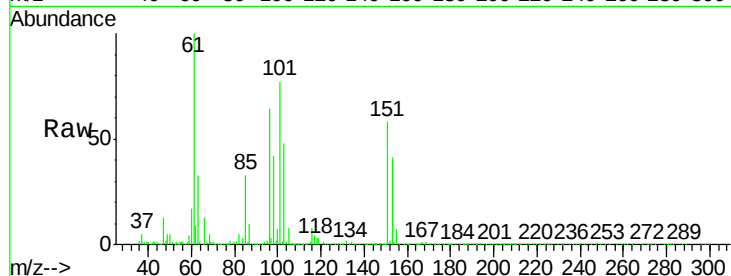
ClientSampleId :

VX0128MBS01

Tot Ion:	101	Resp:	83006
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.7	52.1
151	78.6	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 17.452 ug/l

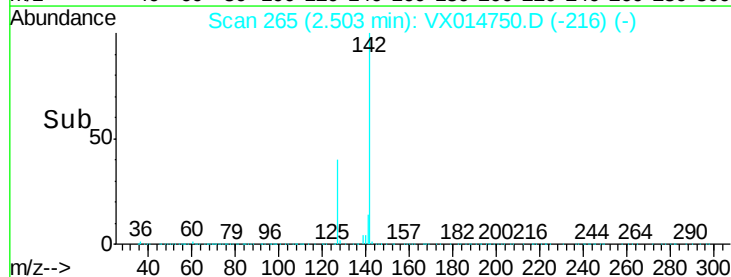
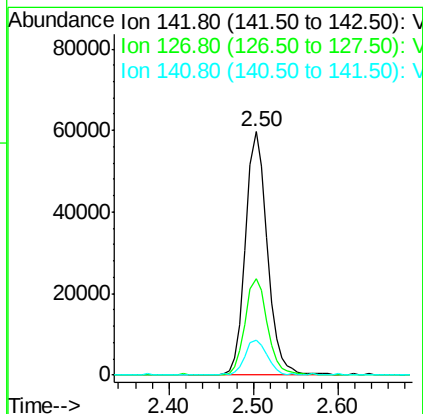
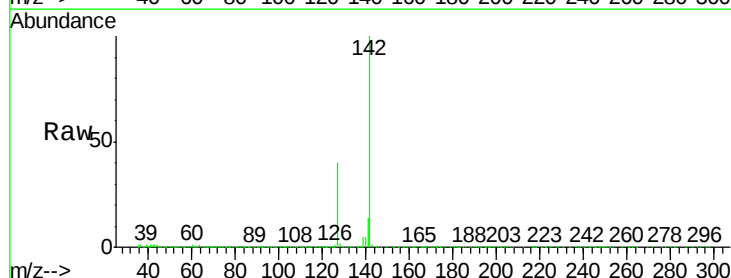
RT: 2.50 min Scan# 265

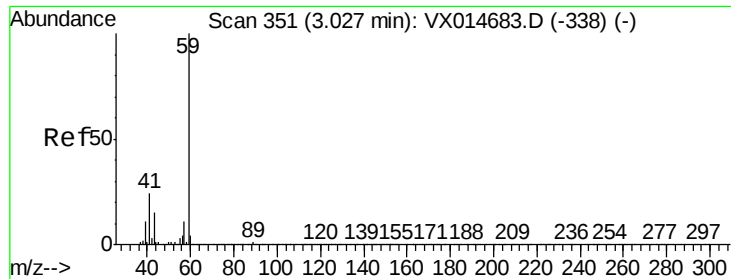
Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion:	142	Resp:	103709
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.1	46.7
141	14.9	11.3	16.9





#11

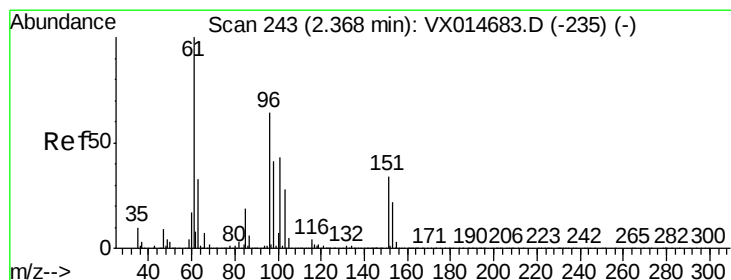
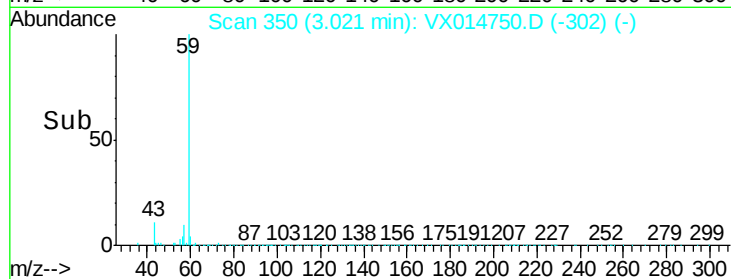
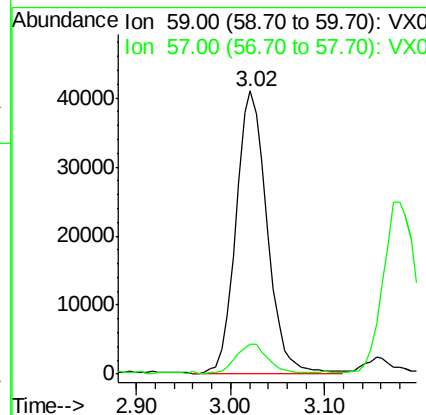
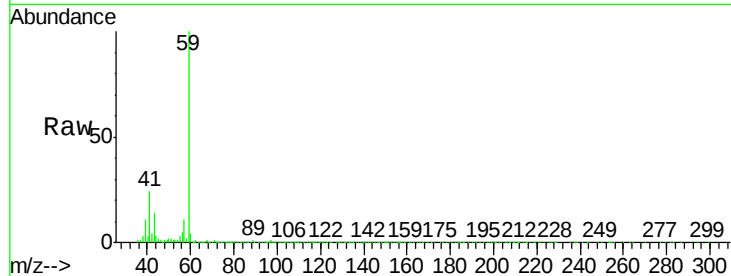
Tert butyl alcohol
 Concen: 79.439 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.3	12.5

Manual Integrations
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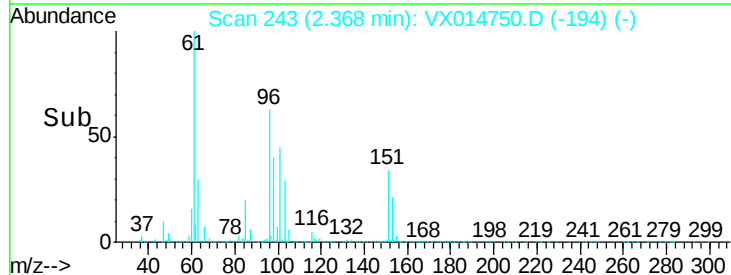
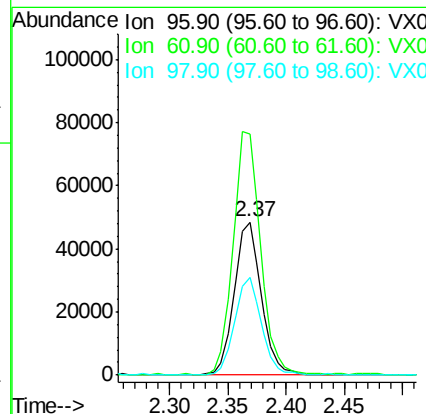
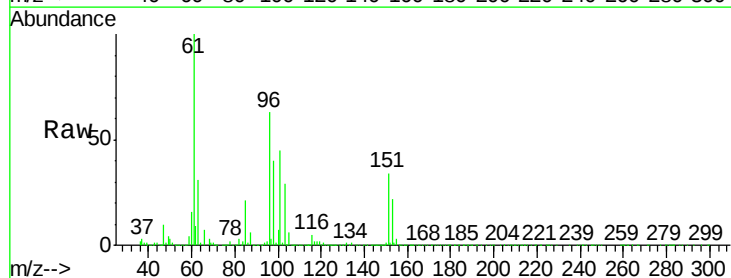
MMDadoda
 1/29/2020 10:55:28 AM

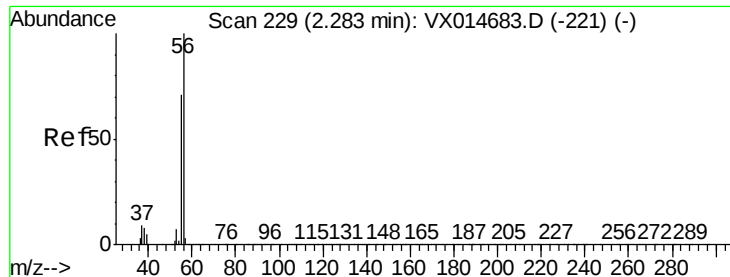


#12

1,1-Dichloroethene
 Concen: 17.369 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.9	125.8	188.8
98	63.3	51.5	77.3





#13

Acrolein

Concen: 65.235 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 56 Resp: 61083

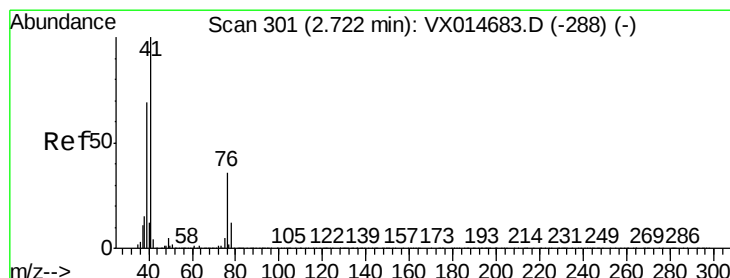
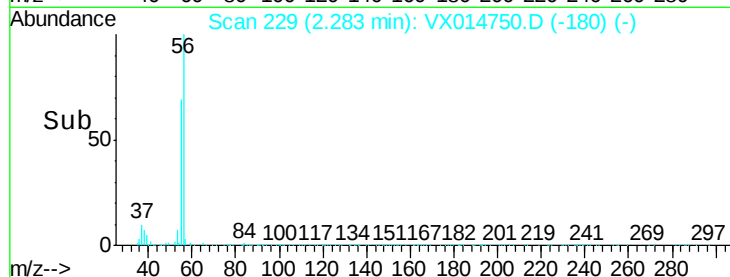
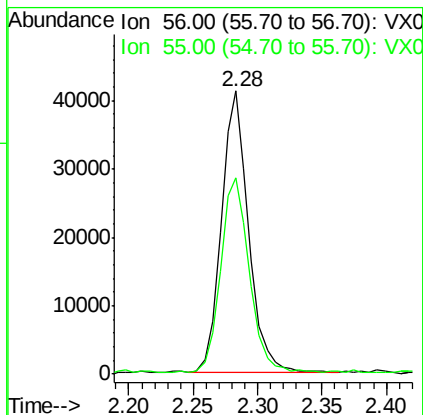
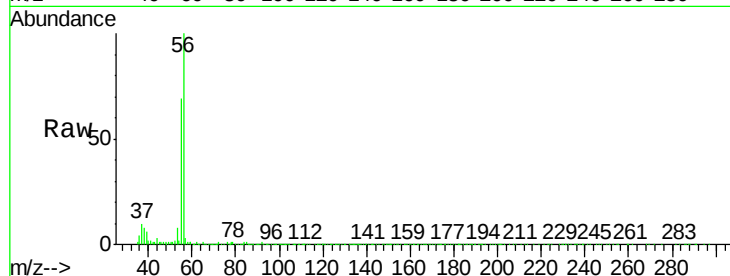
Ion Ratio Lower Upper

56 100

55 73.0 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 17.528 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

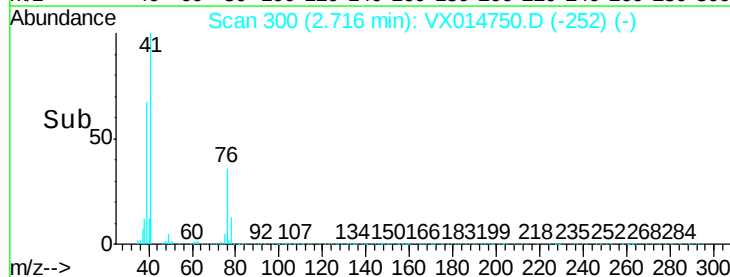
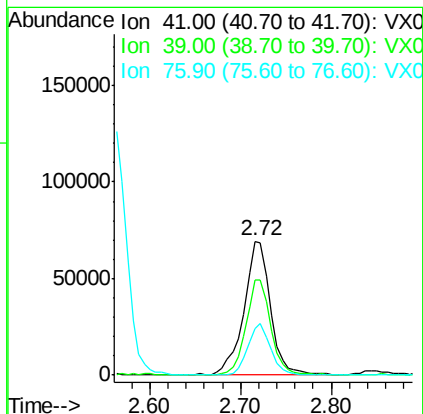
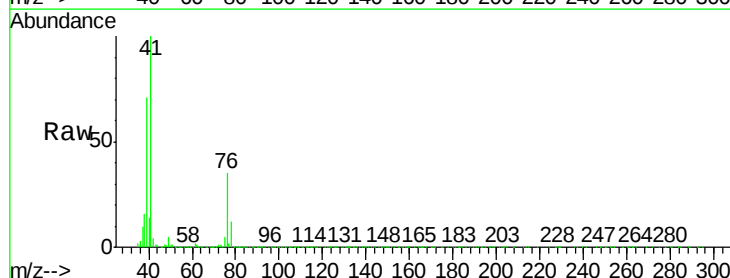
Tgt Ion: 41 Resp: 141864

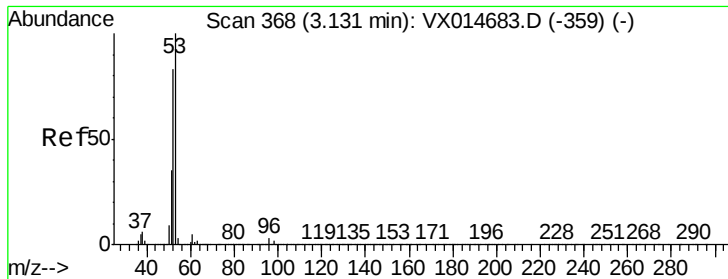
Ion Ratio Lower Upper

41 100

39 66.7 52.0 78.0

76 31.6 26.0 39.0





#15

Acrylonitrile

Concen: 85.127 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

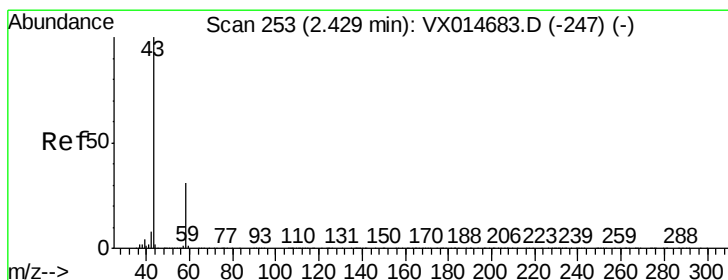
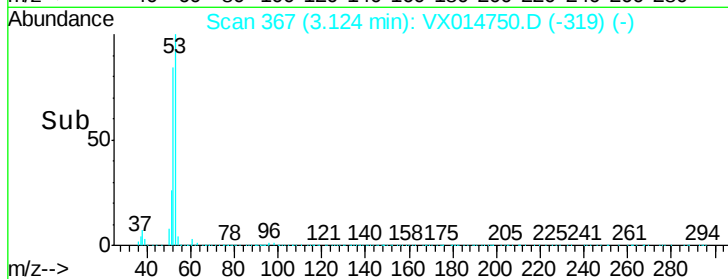
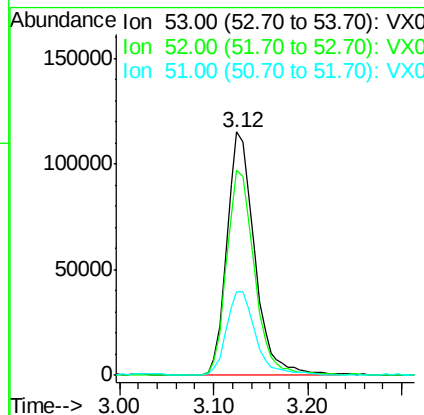
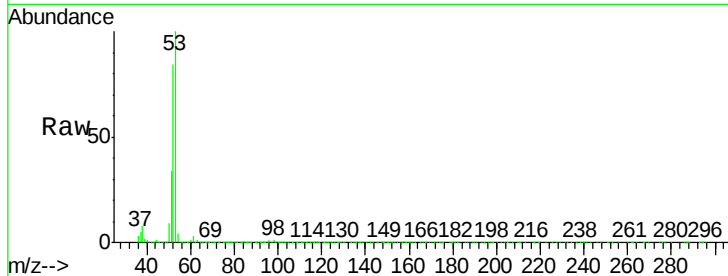
ClientSampleId :

VX0128MBS01

Tot Ion:	53	Resp:	233905
Ion Ratio		Lower	Upper
53	100		
52	84.6	66.4	99.6
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 69.244 ug/l

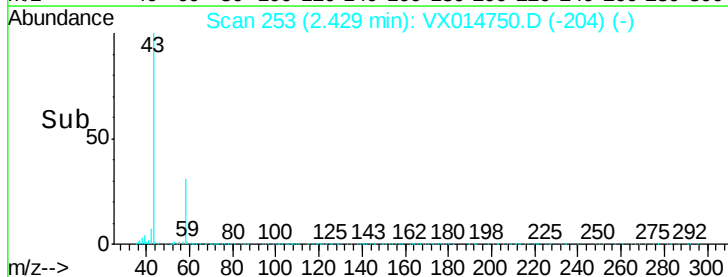
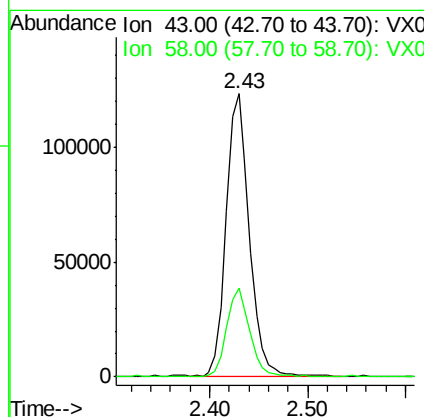
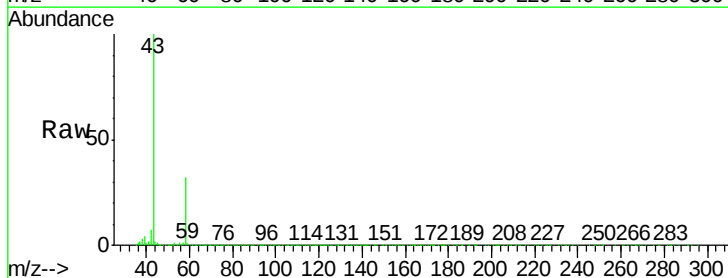
RT: 2.43 min Scan# 253

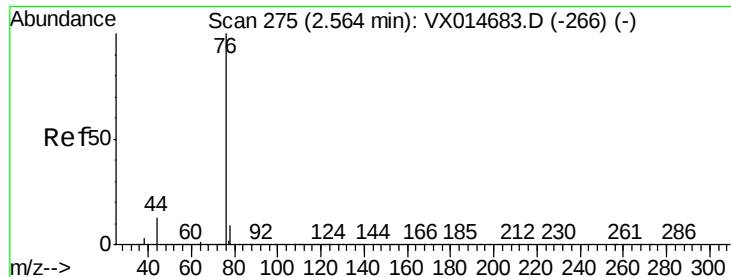
Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion:	43	Resp:	200424
Ion Ratio		Lower	Upper
43	100		
58	31.3	24.5	36.7





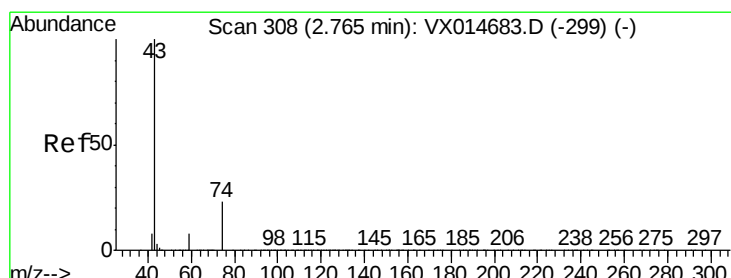
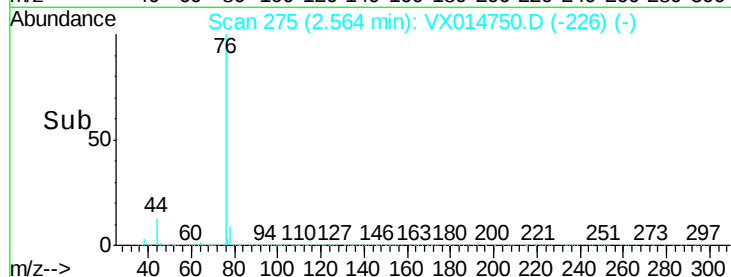
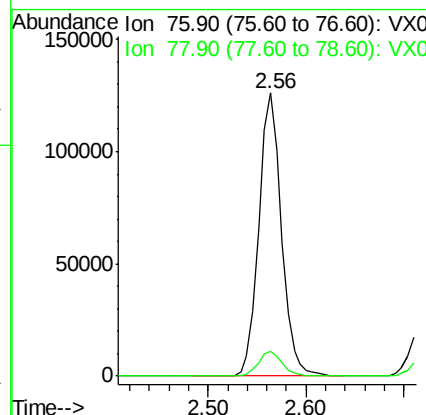
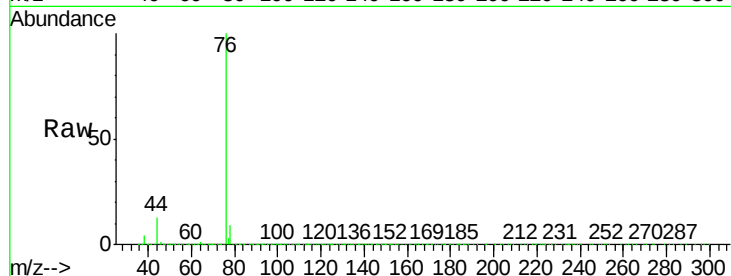
#17
Carbon Disulfide
Concen: 16.402 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

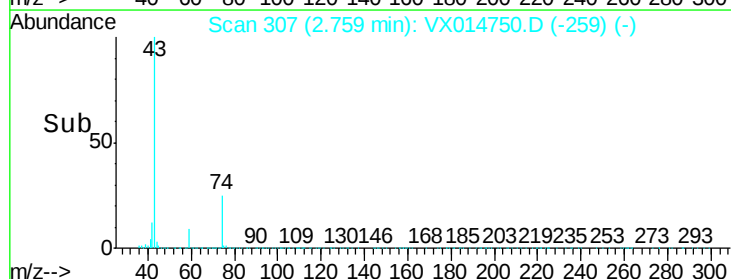
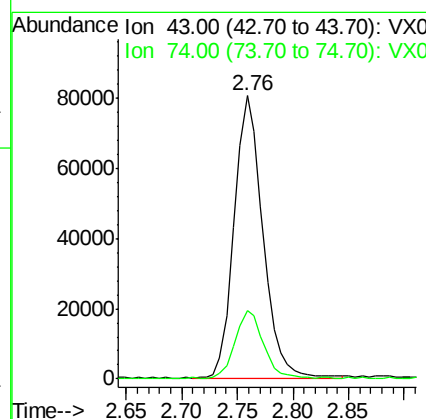
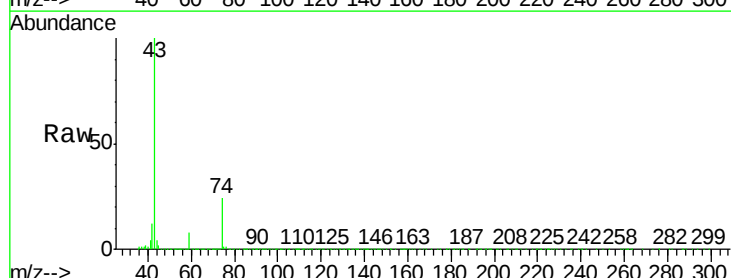
Manual Integrations
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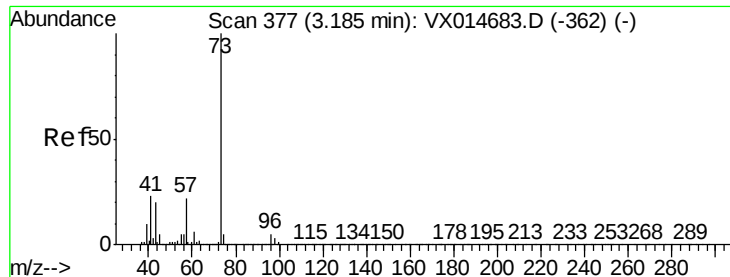
MMDadoda
1/29/2020 10:55:28 AM



#18
Methyl Acetate
Concen: 17.464 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.5	27.7





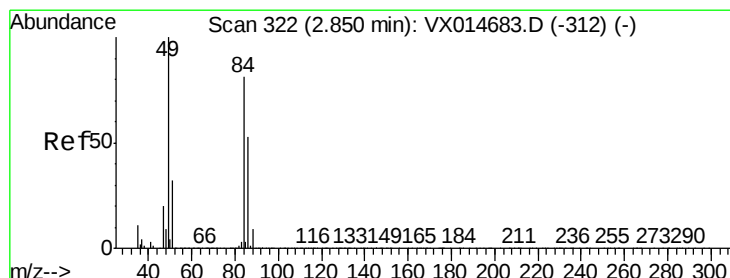
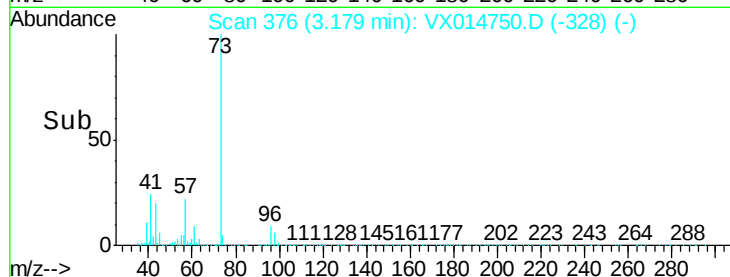
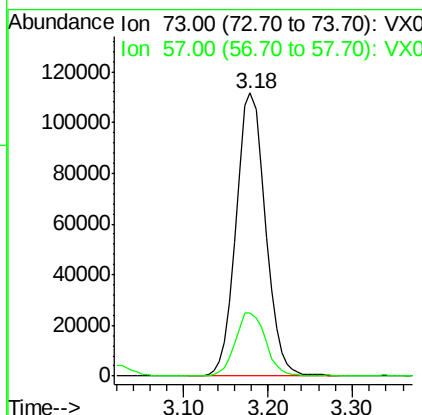
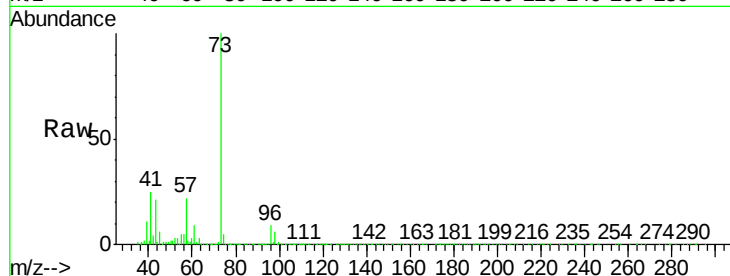
#19
Methvl tert-butvl Ether
Concen: 17.758 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.0	27.0

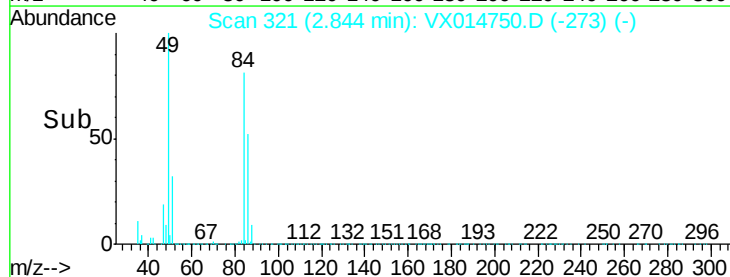
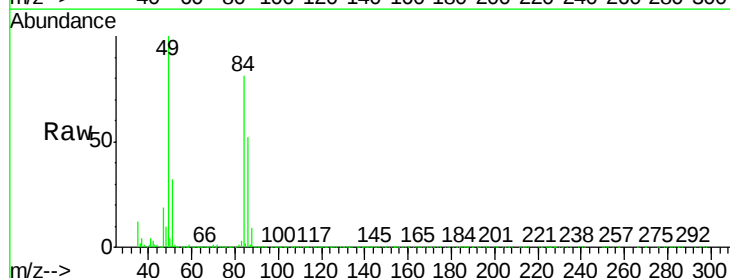
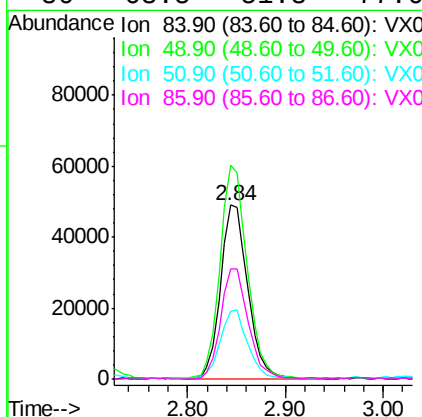
Manual Integrations
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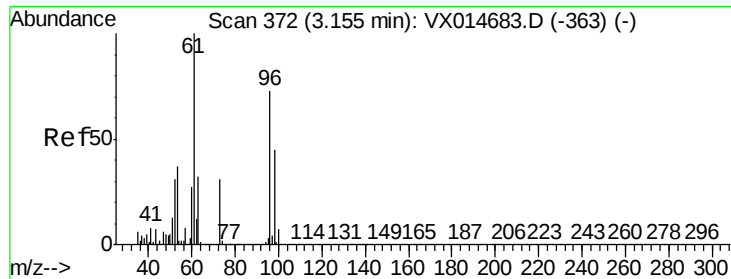
MMDadoda
1/29/2020 10:55:28 AM



#20
Methylene Chloride
Concen: 17.523 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	98.2	147.4
51	38.7	31.3	46.9
86	63.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.567 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

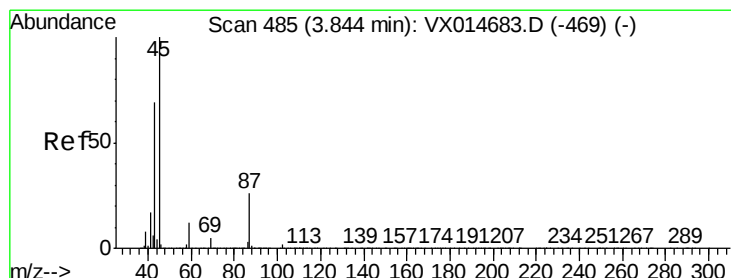
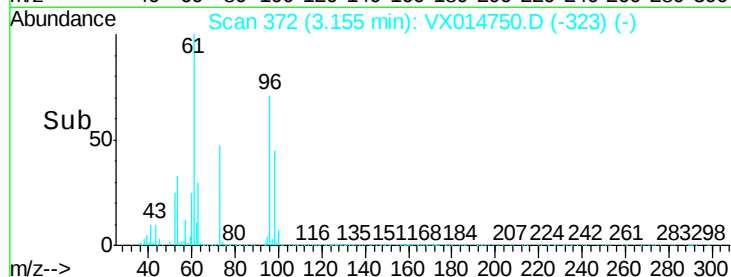
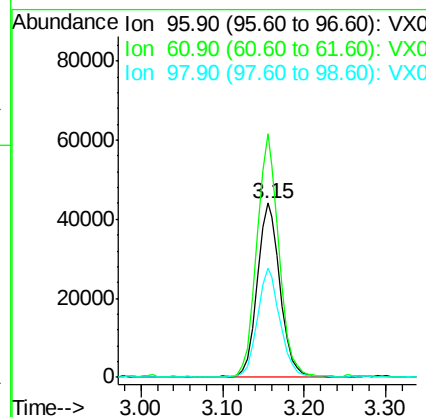
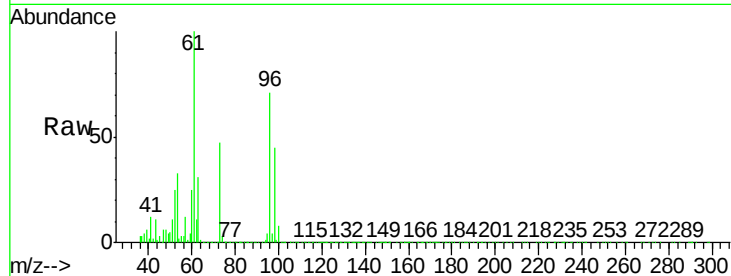
ClientSampleId :

VX0128MBS01

Tot Ion:	96	Resp:	87096
Ion	Ratio	Lower	Upper
96	100		
61	139.4	109.8	164.6
98	63.0	49.6	74.4

Manual Integrations
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1/29/2020 10:55:28 AM



#22

Diisopropyl ether

Concen: 18.151 ug/l

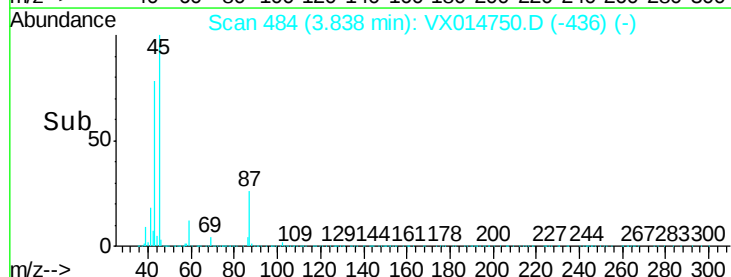
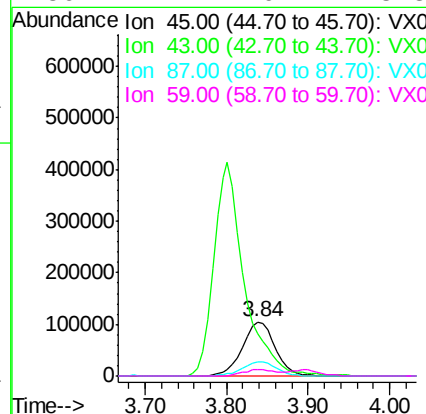
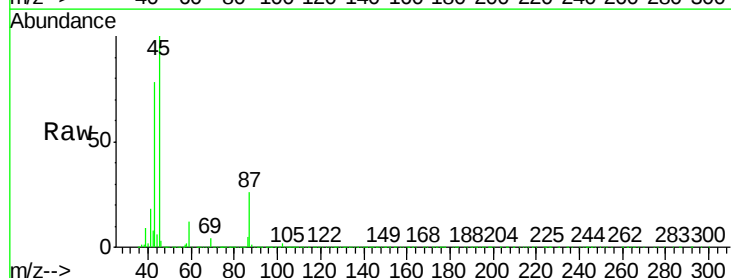
RT: 3.84 min Scan# 484

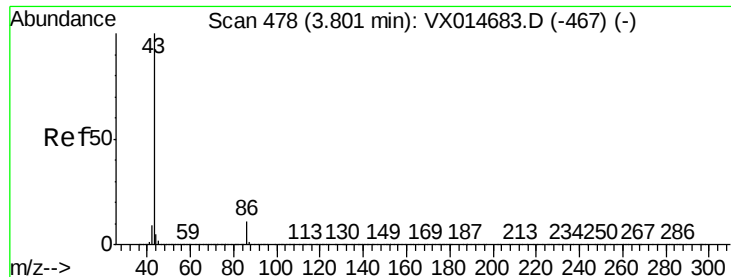
Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion:	45	Resp:	292284
Ion	Ratio	Lower	Upper
45	100		
43	77.3	55.1	82.7
87	25.7	20.7	31.1
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 87.662 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 43 Resp: 1076038

Ion Ratio Lower Upper

43 100

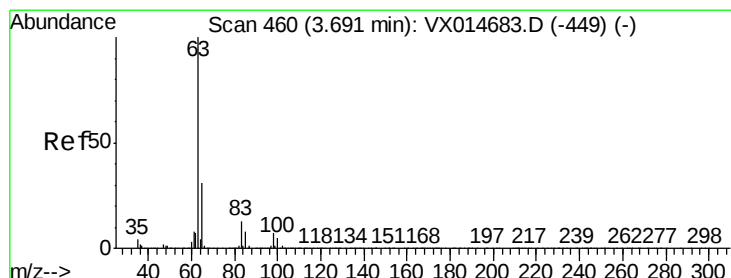
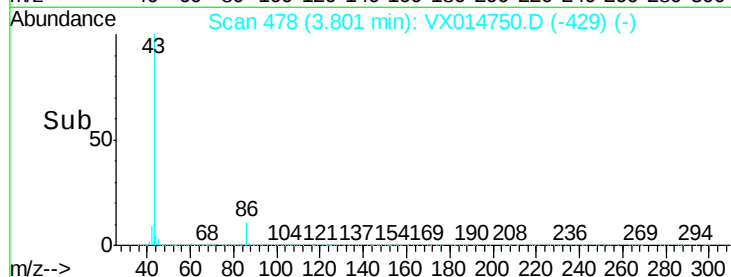
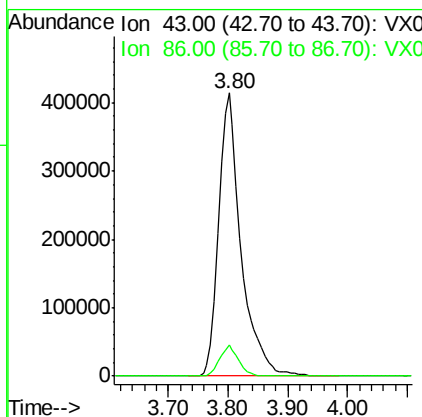
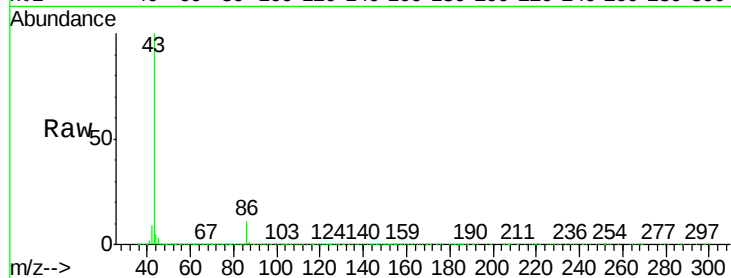
86 10.8 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.007 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

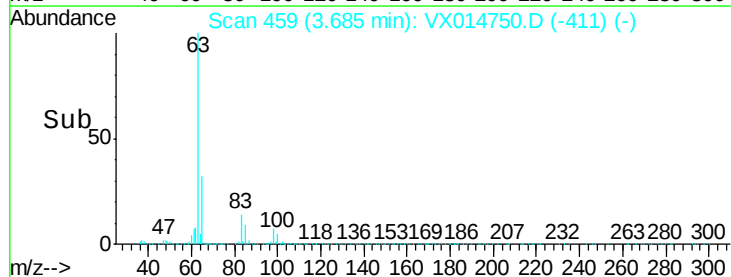
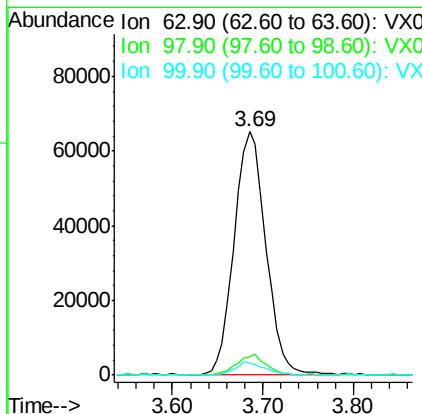
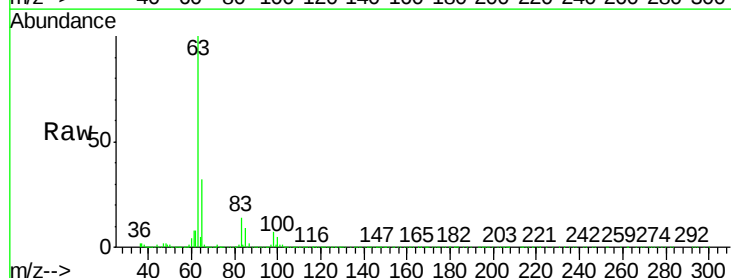
Tgt Ion: 63 Resp: 157466

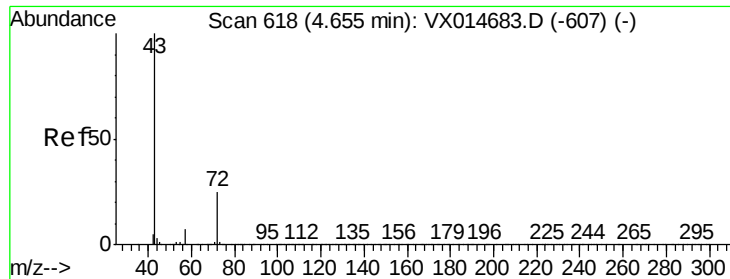
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 78.182 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 43 Resp: 324733

Ion Ratio Lower Upper

43 100

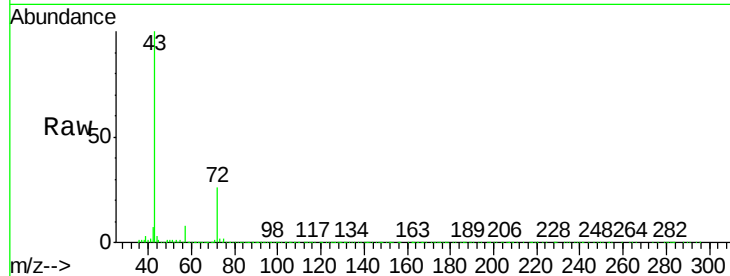
72 26.0 19.9 29.9

Manual Integrations

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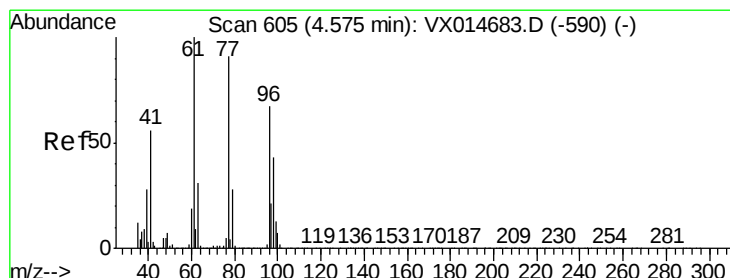
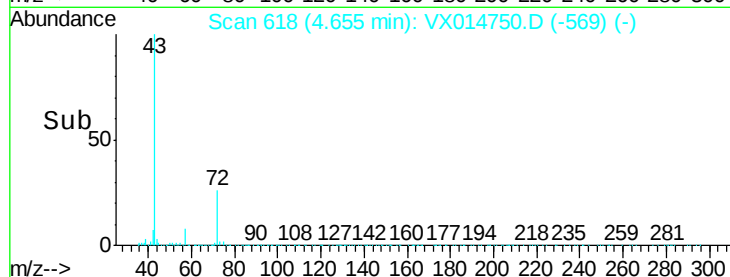
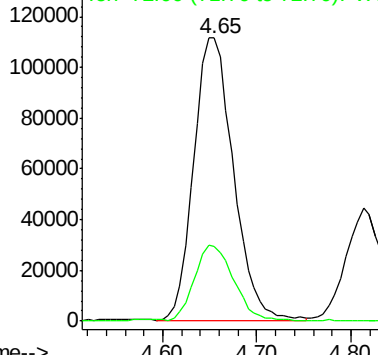
MMDadoda

1/29/2020 10:55:28 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.399 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014750.D

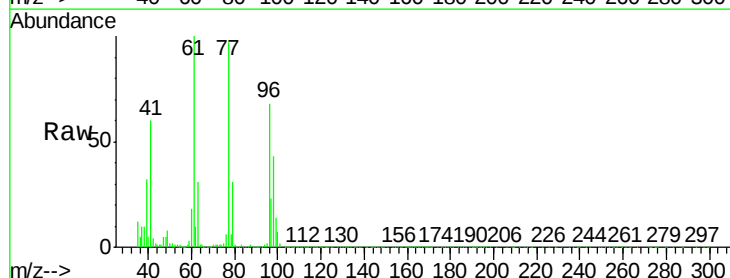
Acq: 28 Jan 2020 14:55

Tgt Ion: 77 Resp: 121785

Ion Ratio Lower Upper

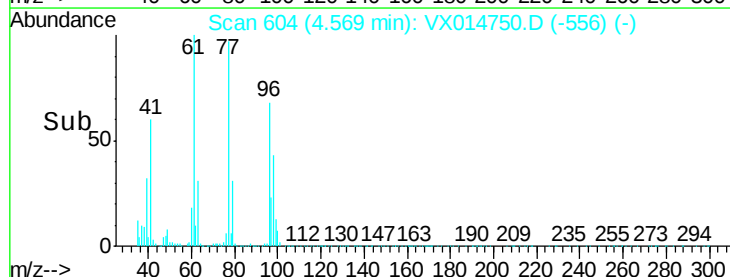
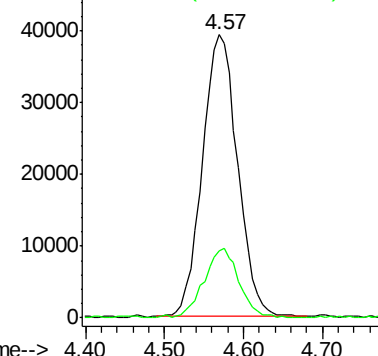
77 100

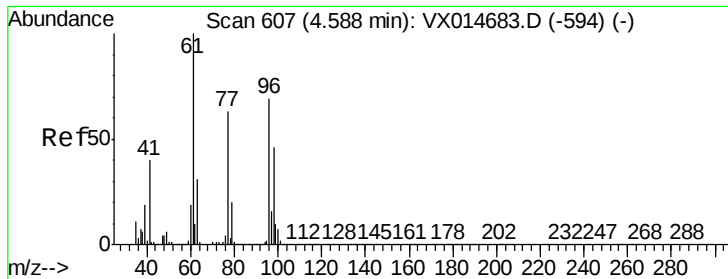
97 24.4 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

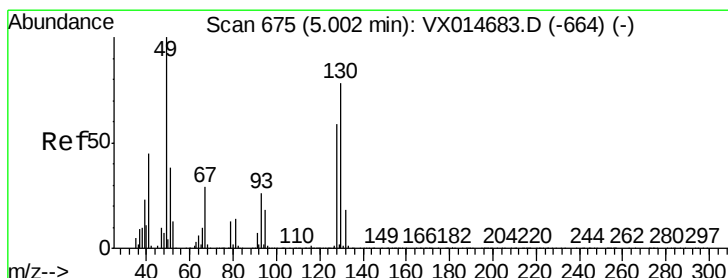
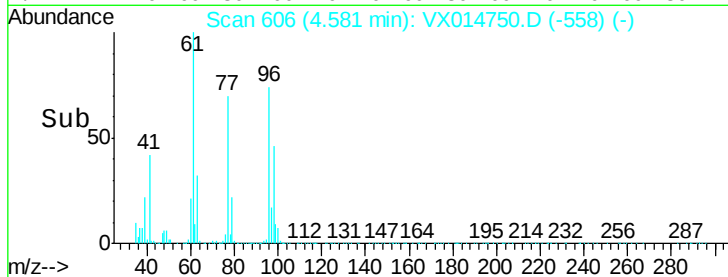
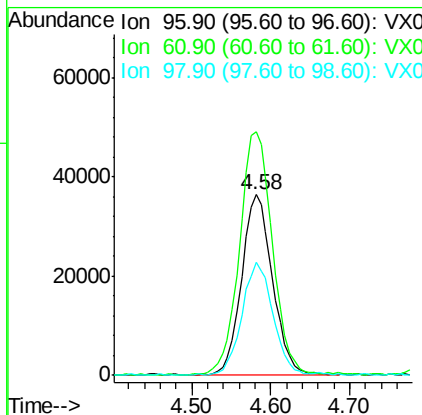
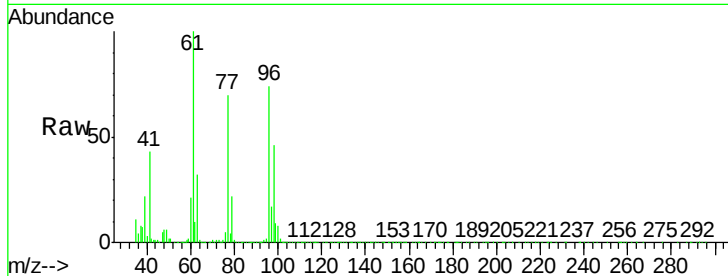
cis-1,2-Dichloroethene
Concen: 17.949 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	142.0	0.0	291.0
98	62.9	0.0	129.8

Manual Integrations
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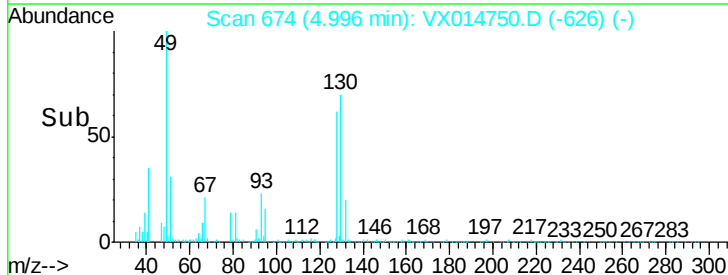
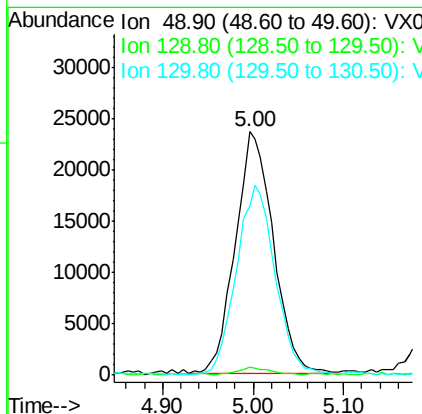
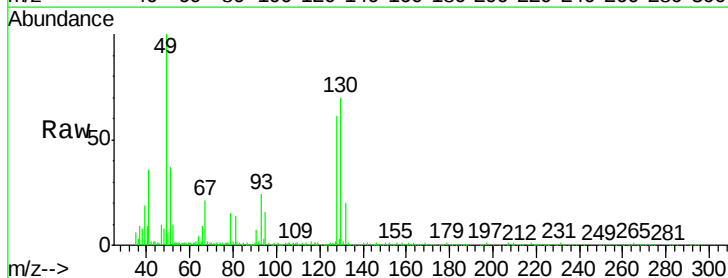
MMDadoda
1/29/2020 10:55:28 AM

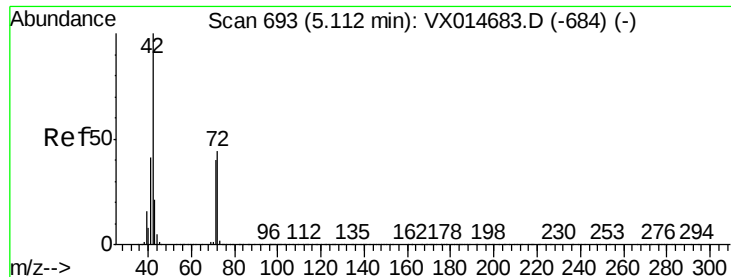


#28

Bromochloromethane
Concen: 17.712 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.9	0.0	4.8
130	80.2	62.4	93.6





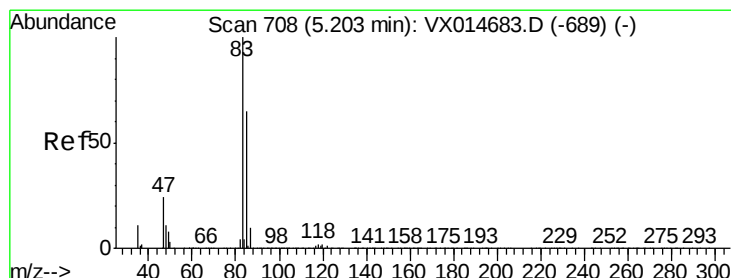
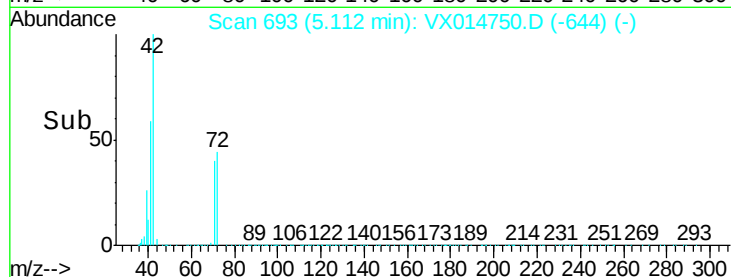
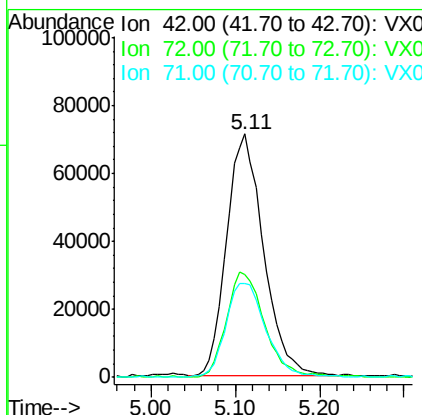
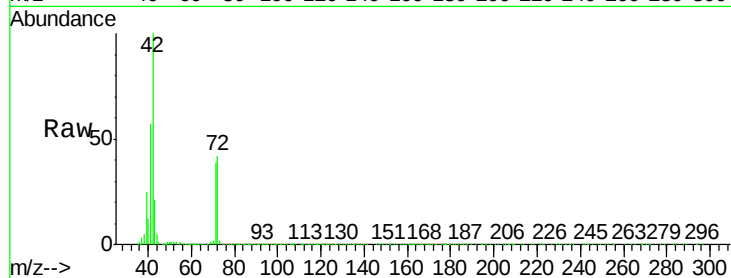
#29
Tetrahydrofuran
Concen: 85.463 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.3	52.9
71	42.8	33.1	49.7

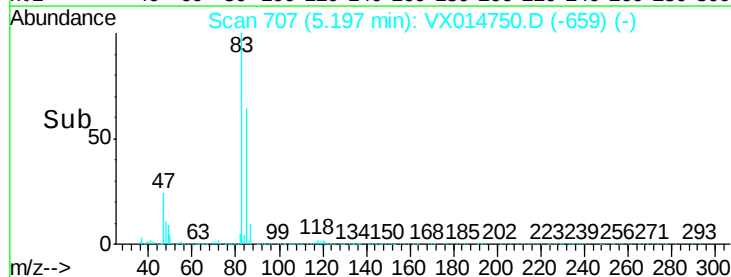
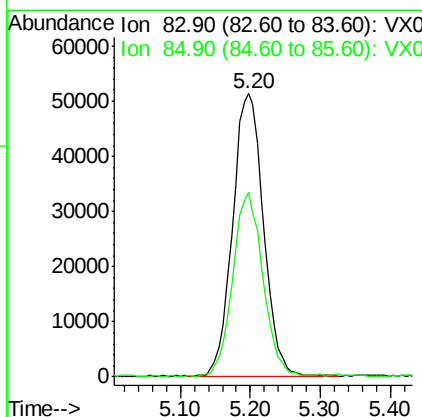
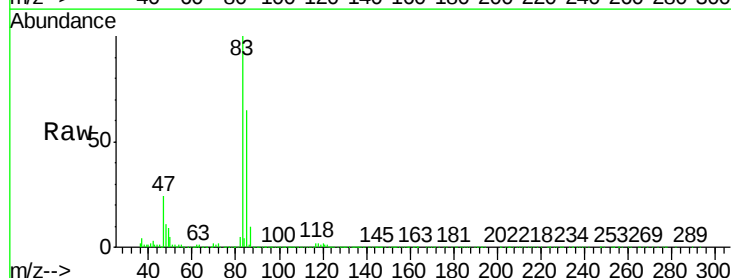
Manual Integrations
APPROVED

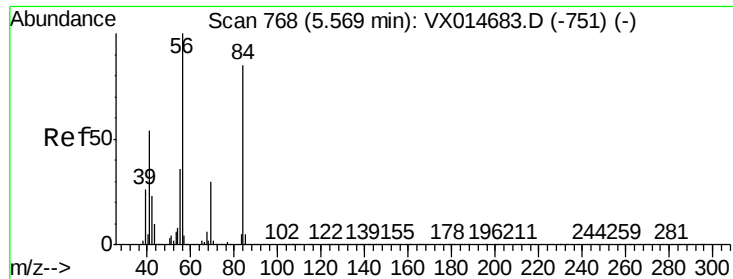
MMDadoda
1/29/2020 10:55:28 AM



#30
Chloroform
Concen: 18.112 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.7	77.5





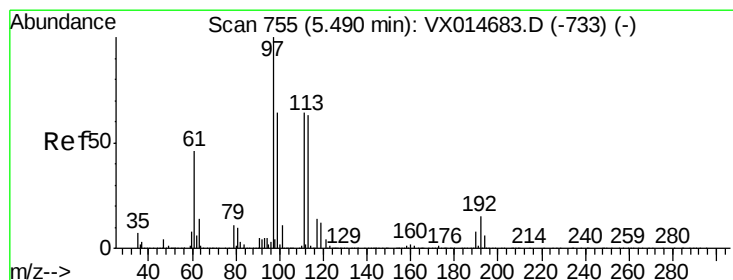
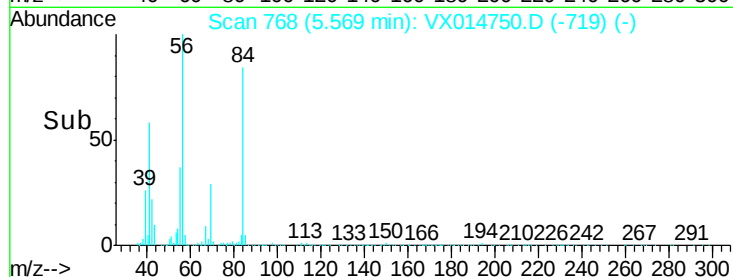
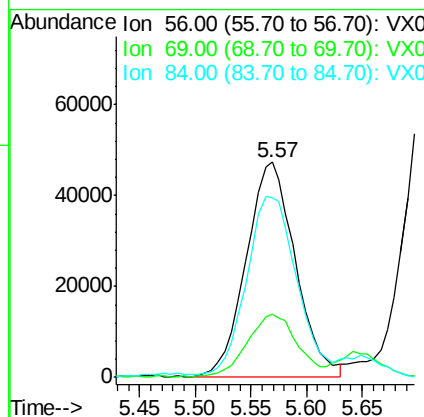
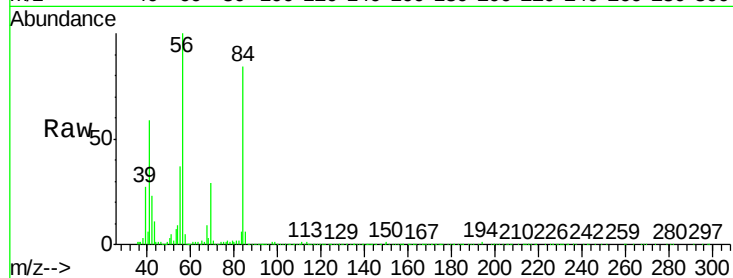
#31
Cyclohexane
Concen: 17.517 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.4	35.2
84	82.9	68.4	102.6

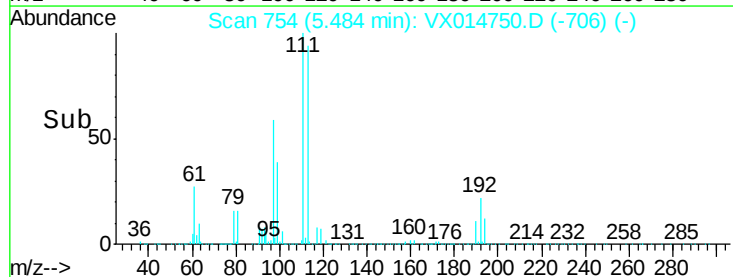
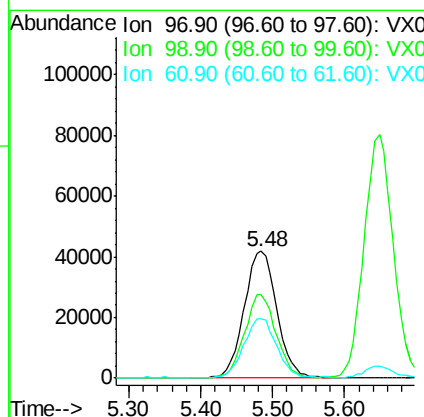
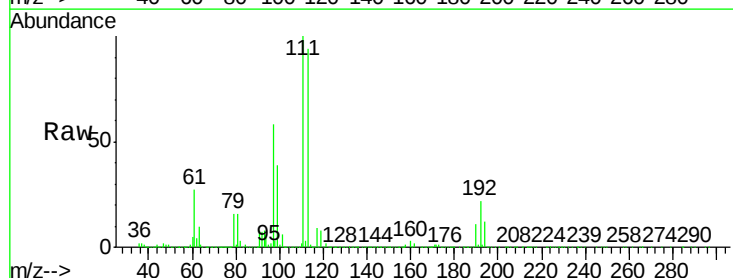
Manual Integrations
APPROVED

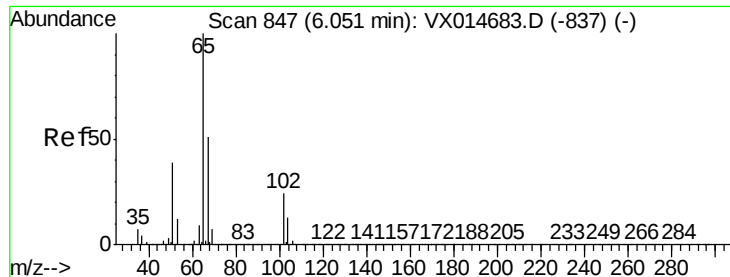
MMDadoda
1/29/2020 10:55:28 AM



#32
1,1,1-Trichloroethane
Concen: 17.825 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	52.3	78.5
61	47.0	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 44.689 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 65 Resp: 236381

Ion Ratio Lower Upper

65 100

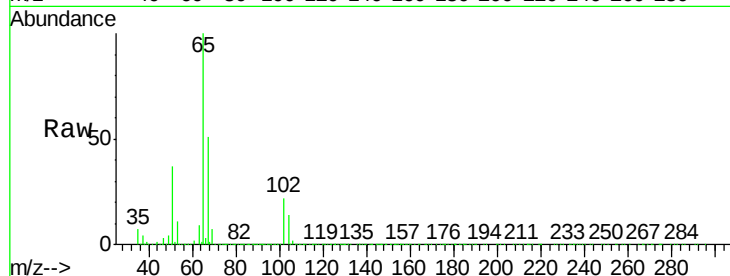
67 53.0 0.0 107.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

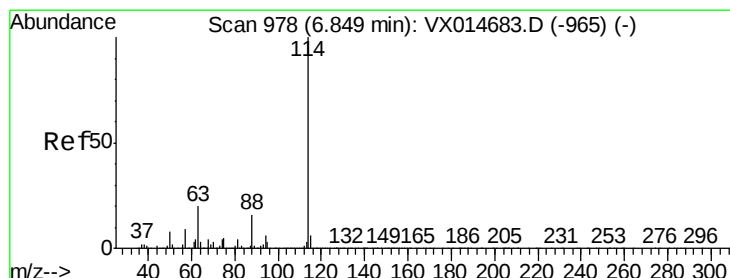
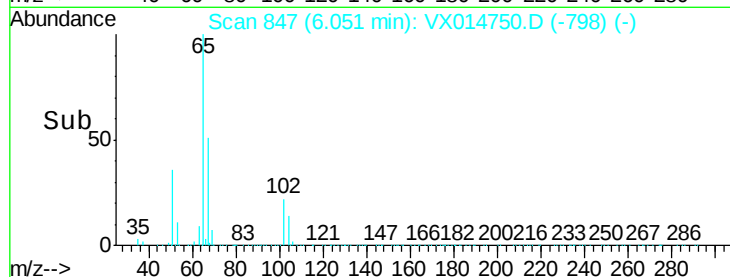
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

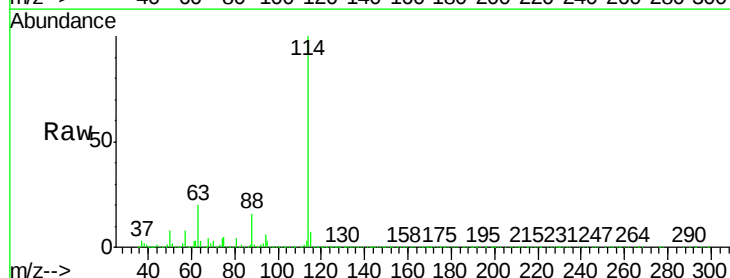
Tgt Ion: 114 Resp: 665480

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

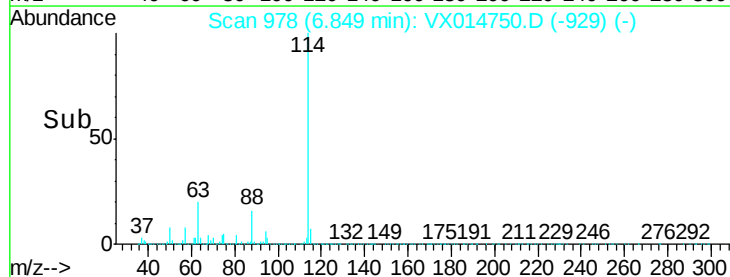
300000

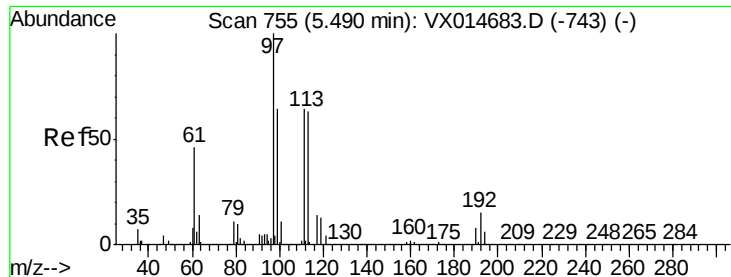
200000

100000

0

Time--> 6.80 6.90 7.00





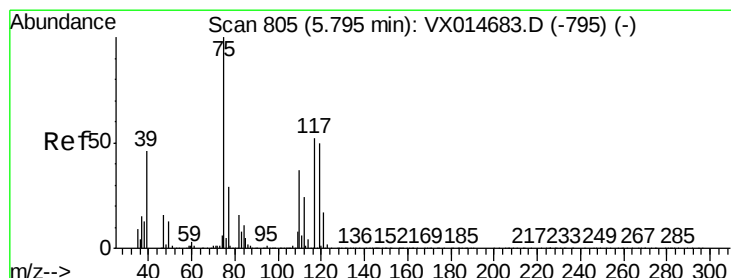
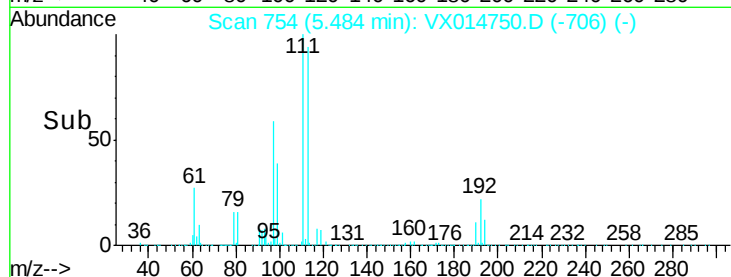
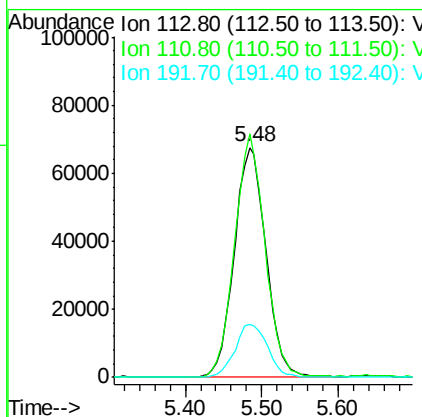
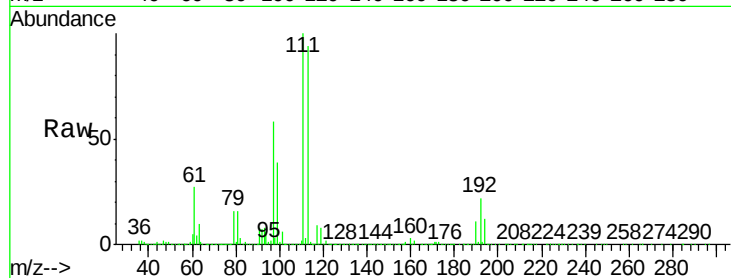
#35
Dibromofluoromethane
Concen: 46.028 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	193277		
111	101.9	80.7	121.1	
192	23.5	18.5	27.7	

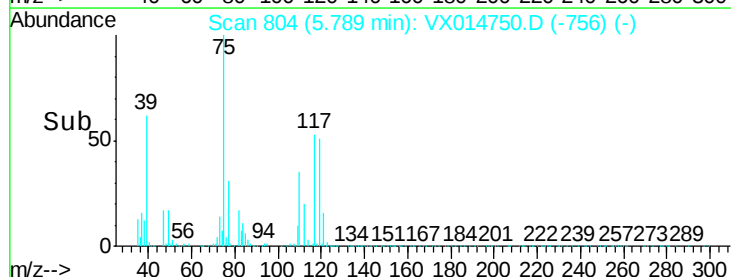
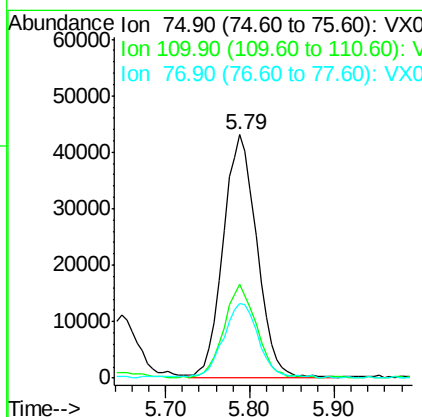
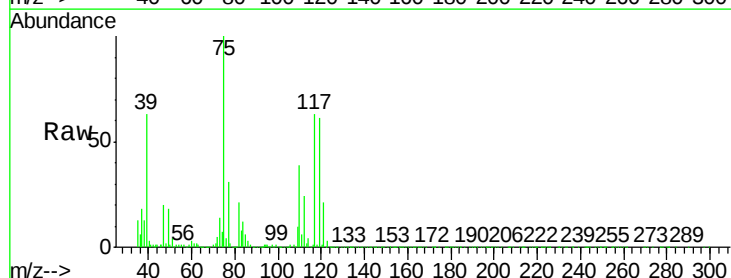
Manual Integrations
APPROVED

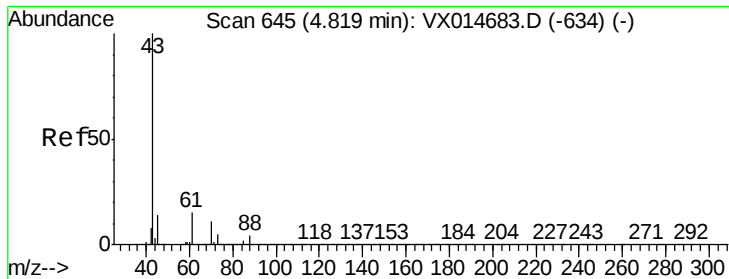
MMDadoda
1/29/2020 10:55:28 AM



#36
1,1-Dichloropropene
Concen: 18.828 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	116422		
110	37.9	17.9	53.7	
77	30.4	24.1	36.1	





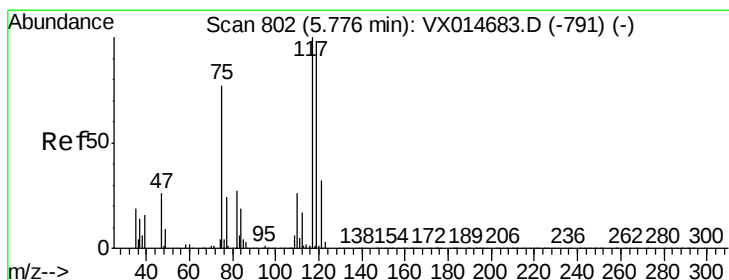
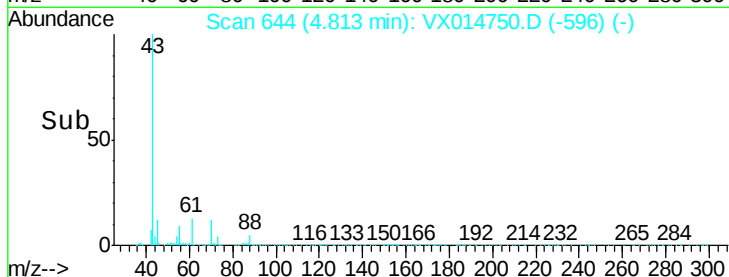
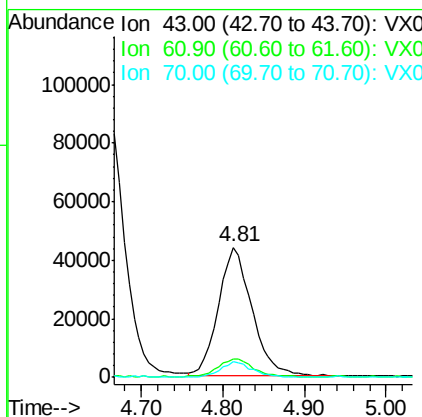
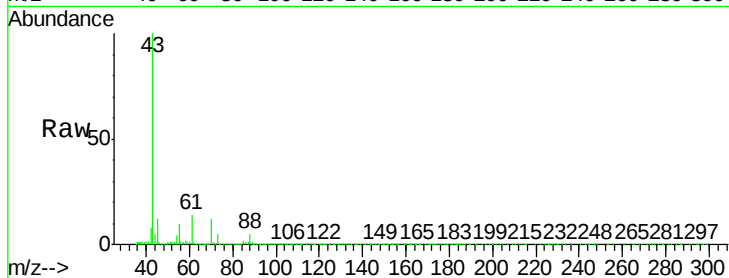
#37
Ethyl Acetate
Concen: 17.947 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	10.6	8.5	12.7

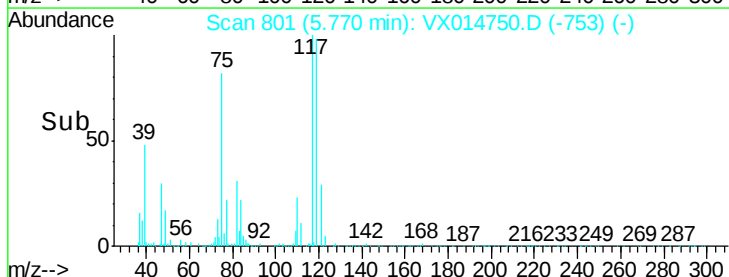
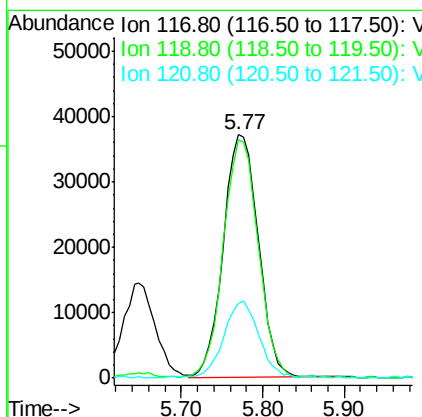
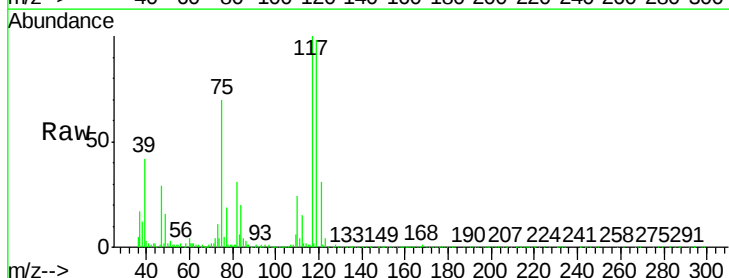
Manual Integrations
APPROVED

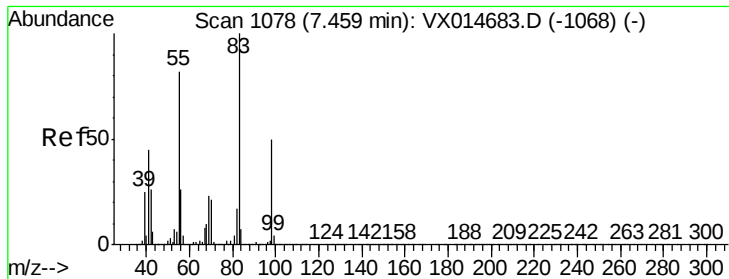
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1/29/2020 10:55:28 AM



#38
Carbon Tetrachloride
Concen: 18.640 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.9	116.9
121	30.2	25.4	38.2





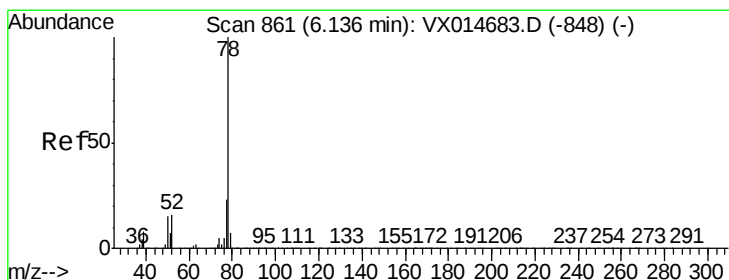
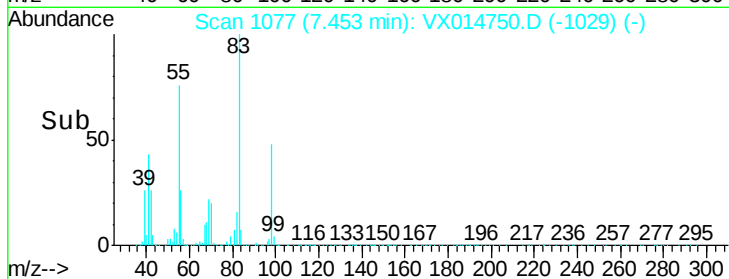
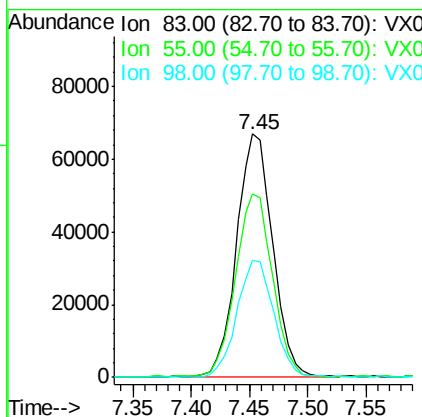
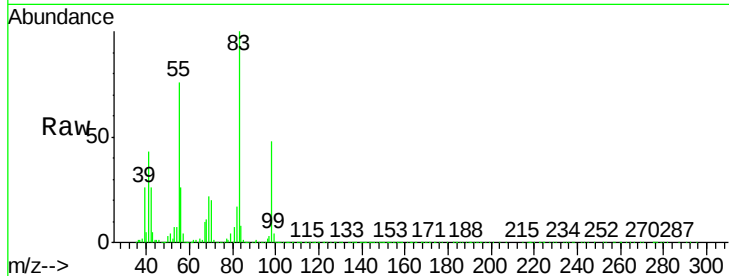
#39
Methvlcvclohexane
Concen: 18.592 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	65.6	98.4
98	48.1	40.2	60.4

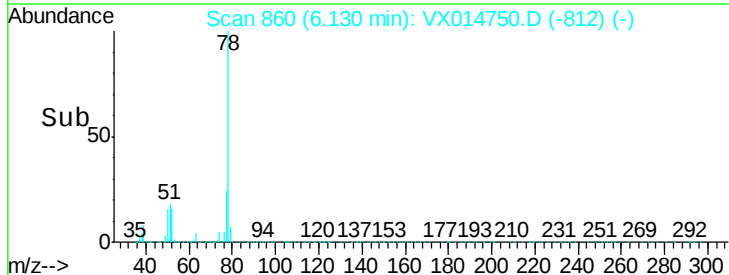
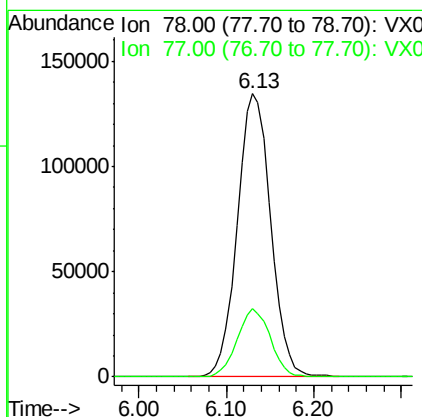
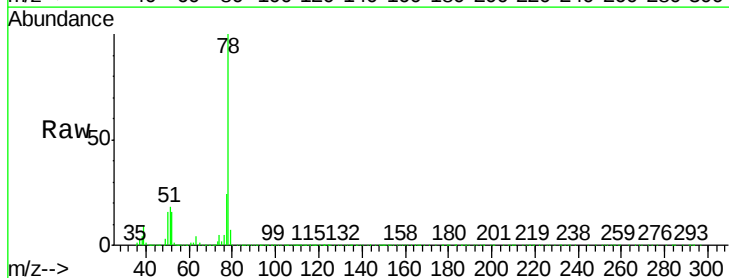
Manual Integrations
APPROVED

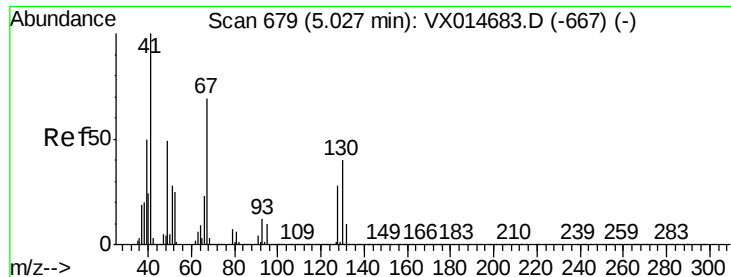
MMDadoda
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#40
Benzene
Concen: 18.645 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





#41

Methacrylonitrile

Concen: 17.088 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

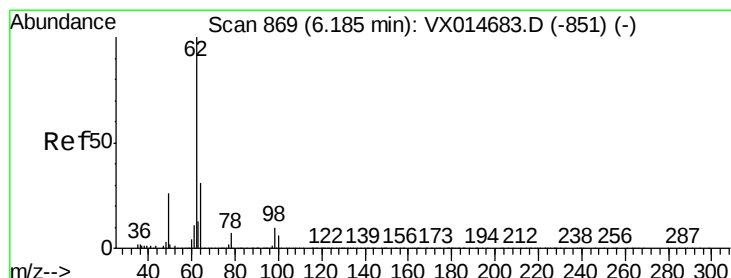
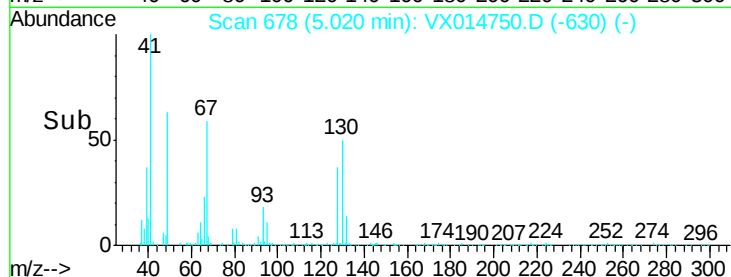
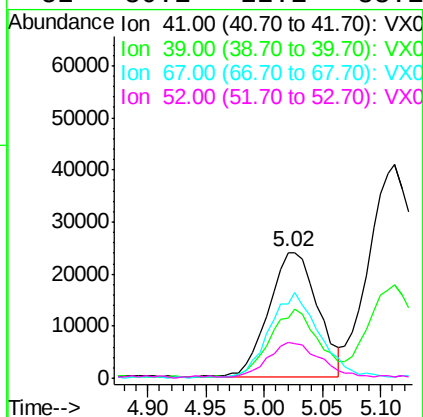
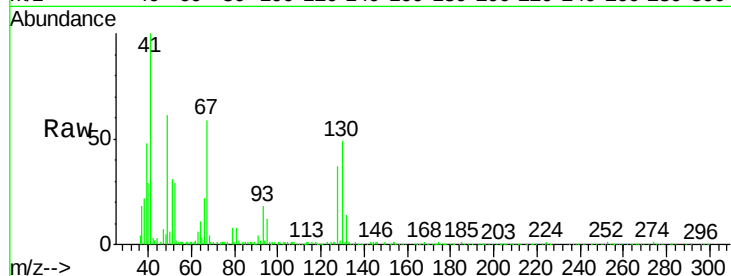
ClientSampleId :

VX0128MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.2	63.2	
67	68.1	55.4	83.0	
52	30.1	22.1	33.1	

Manual Integrations
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1/29/2020 10:55:28 AM



#42

1,2-Dichloroethane

Concen: 18.929 ug/l

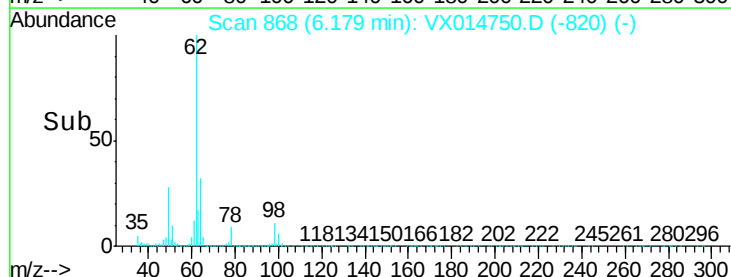
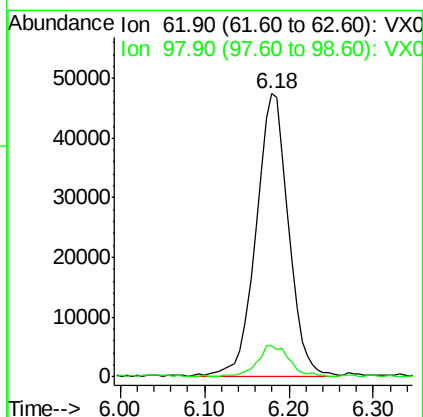
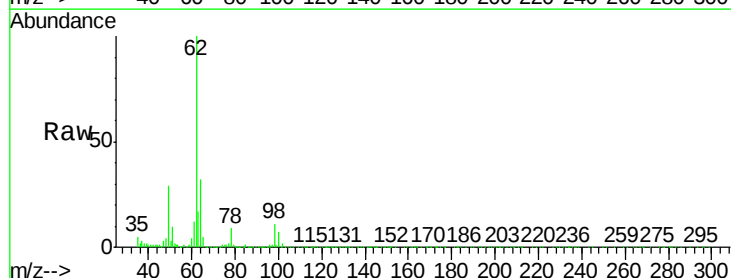
RT: 6.18 min Scan# 868

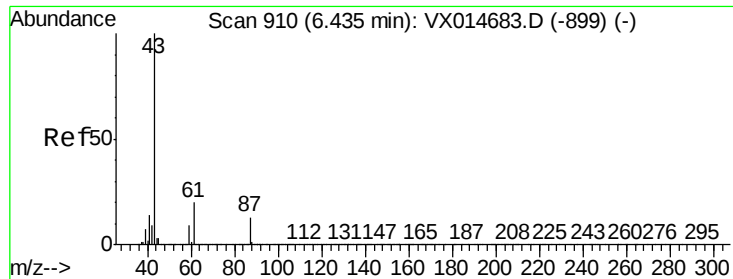
Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	20.0	





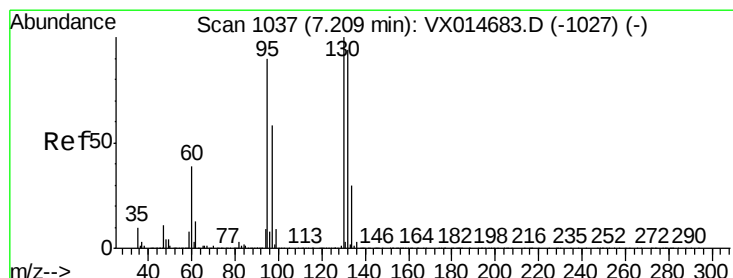
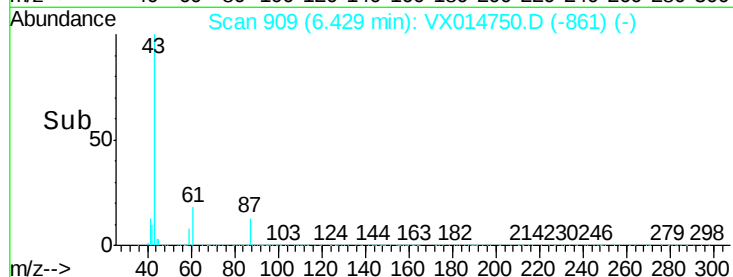
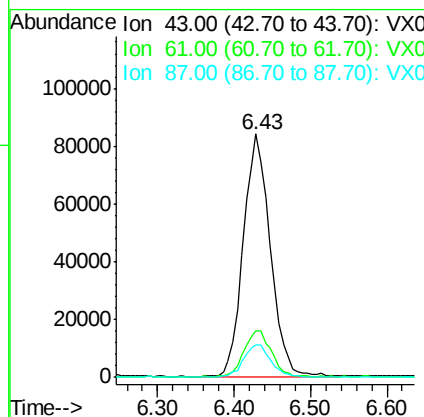
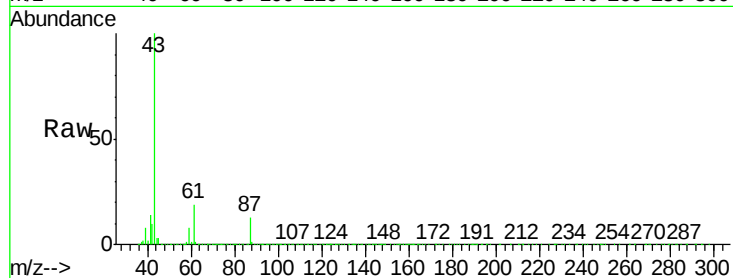
#43
Isopropyl Acetate
Concen: 17.736 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.4
87	13.6	10.5	15.7

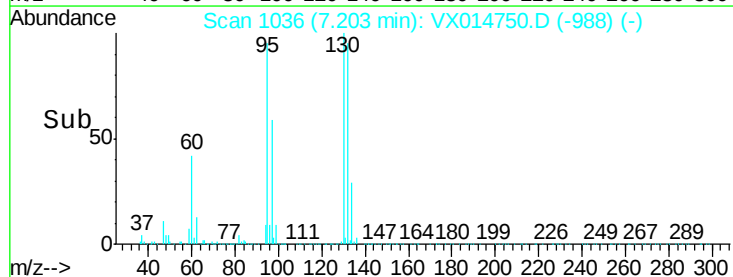
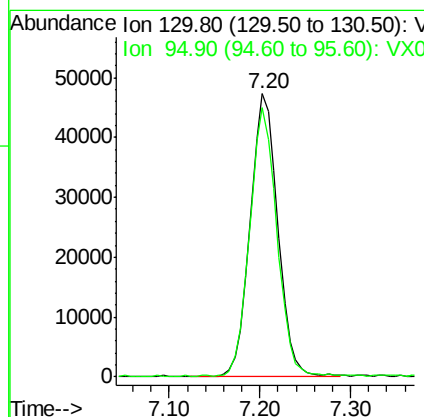
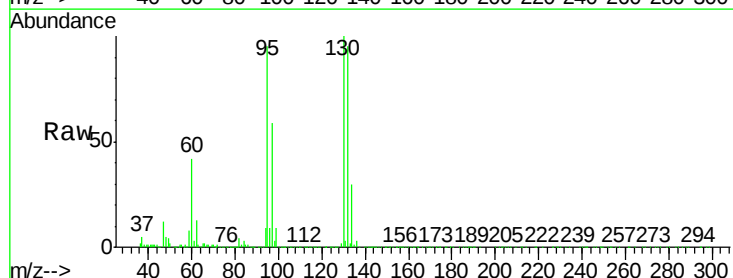
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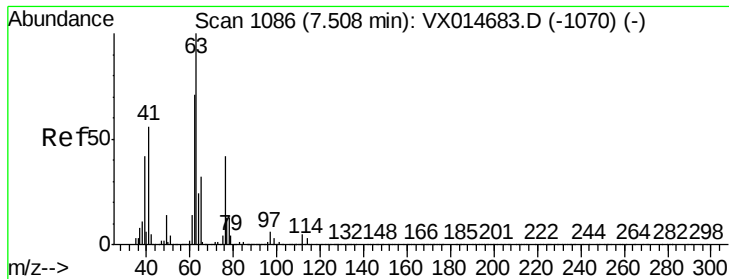
MMDadoda
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#44
Trichloroethene
Concen: 18.464 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	179.8





#45

1,2-Dichloropropane

Concen: 19.278 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 63 Resp: 94891

Ion Ratio Lower Upper

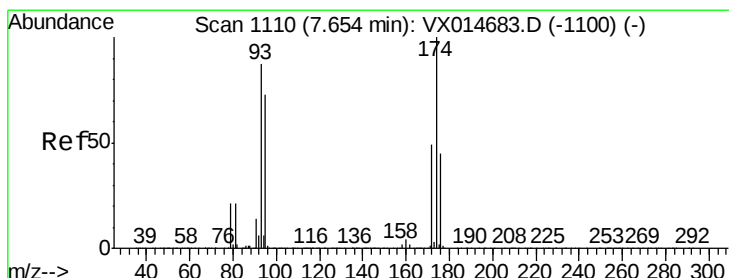
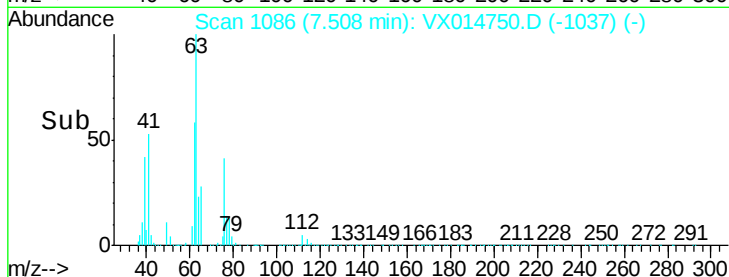
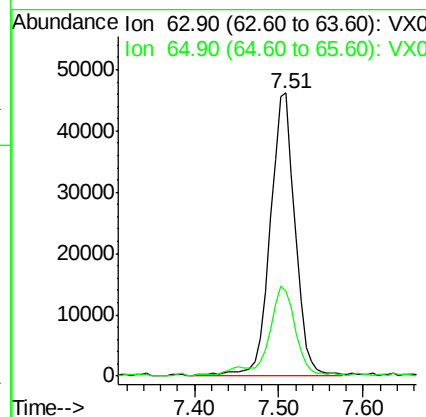
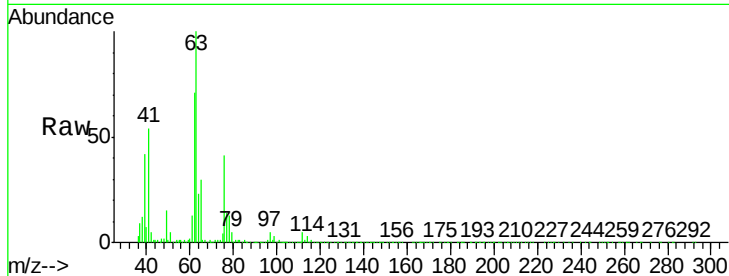
63 100

65 29.9 25.2 37.8

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#46

Dibromomethane

Concen: 18.848 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

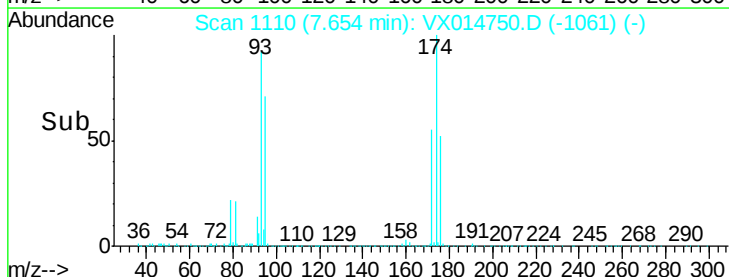
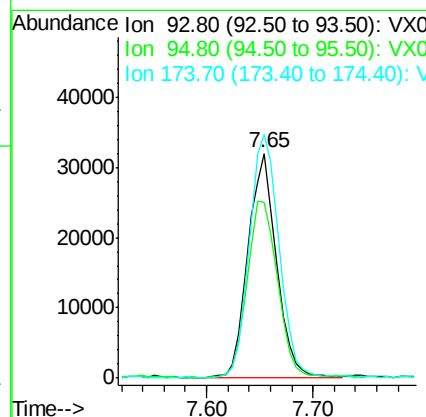
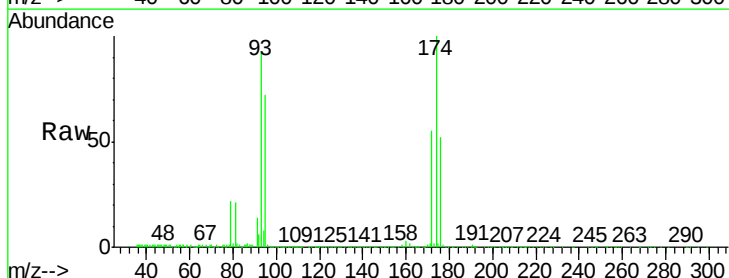
Tgt Ion: 93 Resp: 60084

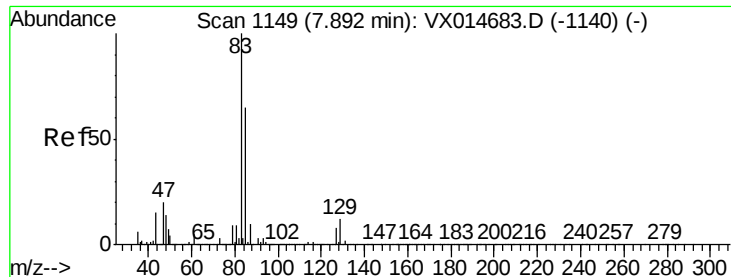
Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.4

174 112.9 90.2 135.2





#47

Bromodichloromethane

Concen: 18.911 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

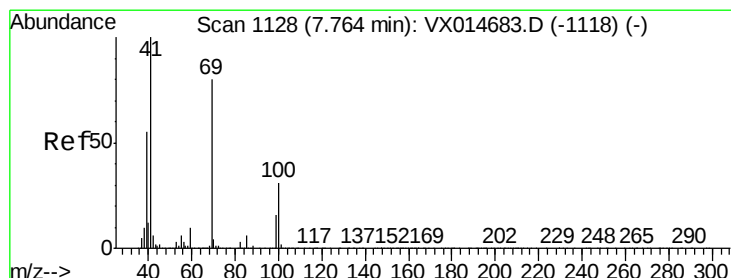
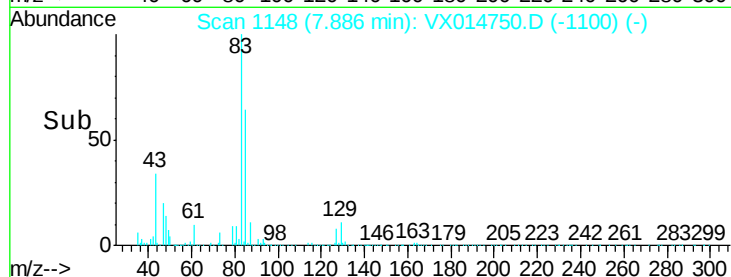
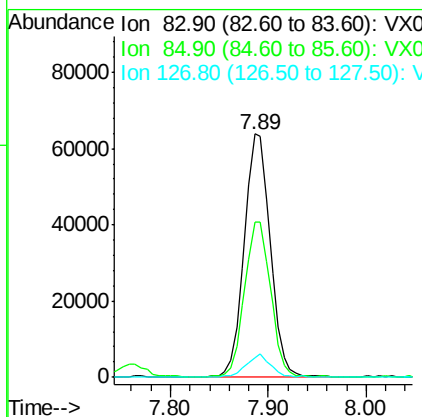
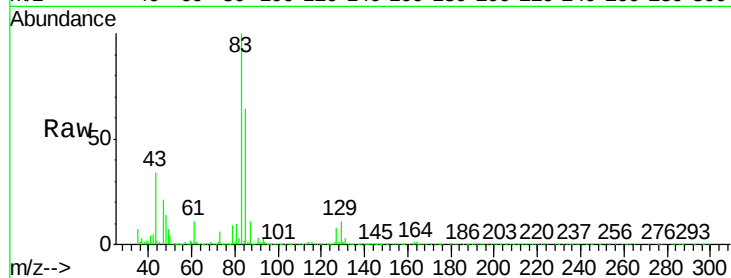
ClientSampleId :

VX0128MBS01

Tot Ion:	83	Resp:	118240
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.2	78.2
127	7.7	6.4	9.6

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#48

Methyl methacrylate

Concen: 18.584 ug/l

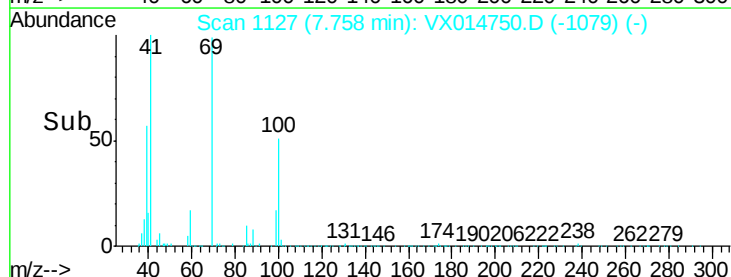
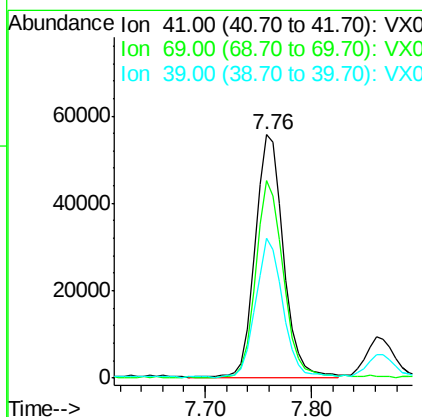
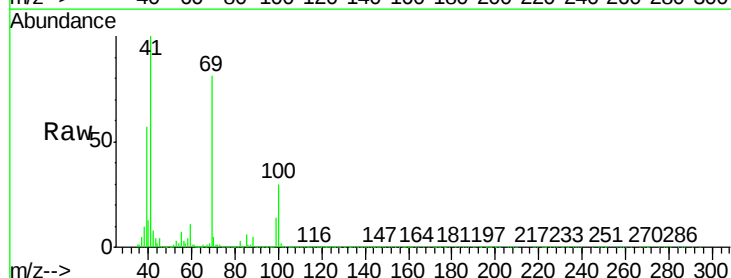
RT: 7.76 min Scan# 1127

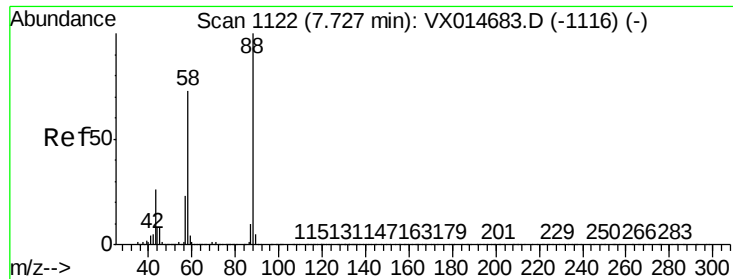
Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion:	41	Resp:	102982
Ion	Ratio	Lower	Upper
41	100		
69	79.9	63.5	95.3
39	56.8	43.7	65.5





#49

1,4-Dioxane

Concen: 358.813 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

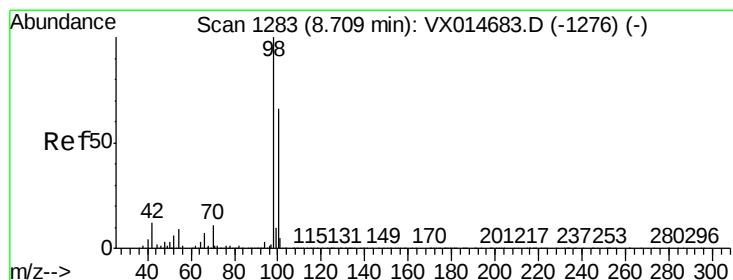
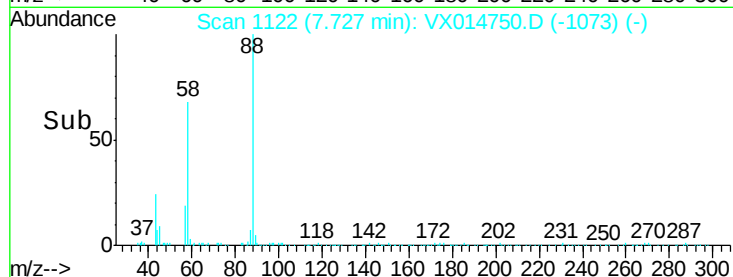
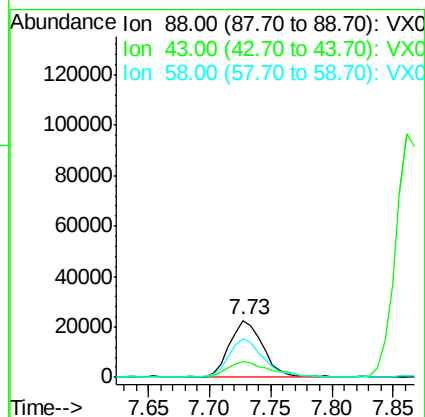
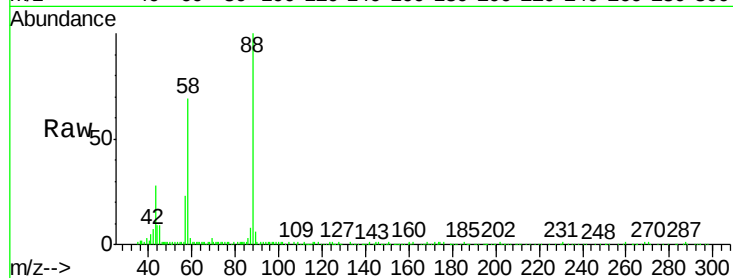
ClientSampleId :

VX0128MBS01

Tot Ion:	88	Resp:	42147
Ion Ratio	Lower	Upper	
88	100		
43	34.2	26.2	39.2
58	70.2	56.6	85.0

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#50

Toluene-d8

Concen: 46.116 ug/l

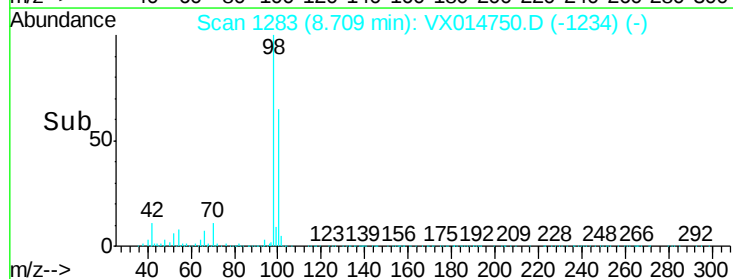
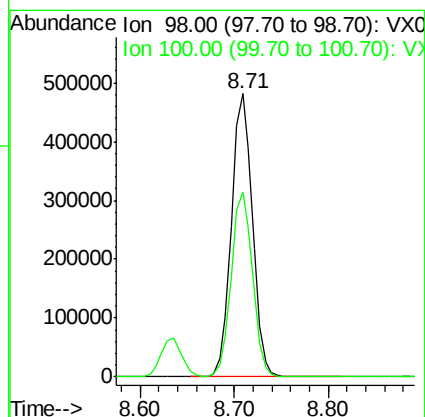
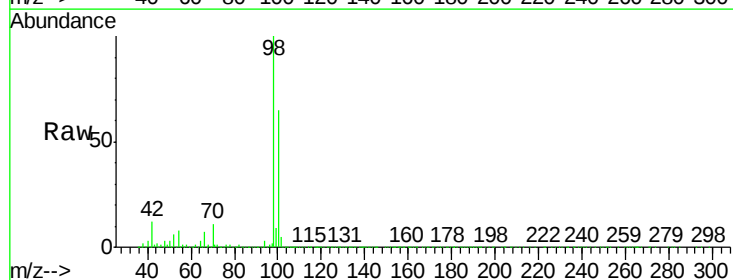
RT: 8.71 min Scan# 1283

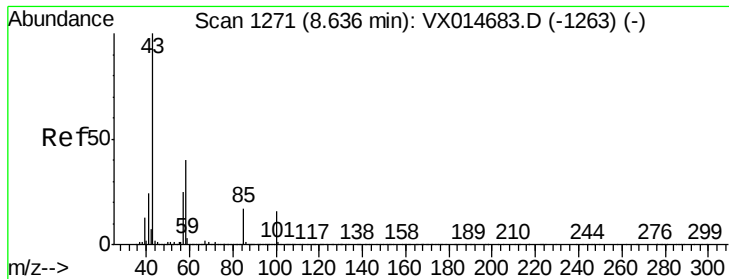
Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion:	98	Resp:	744457
Ion Ratio	Lower	Upper	
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 89.818 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 43 Resp: 657455

Ion Ratio Lower Upper

43 100

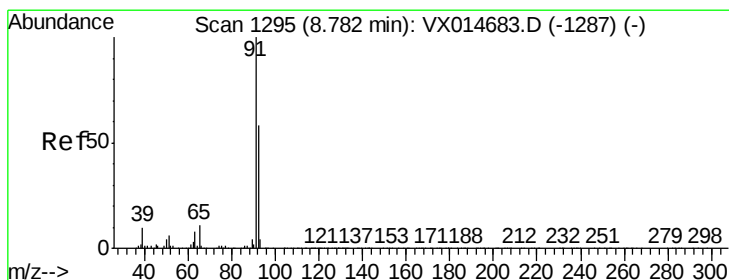
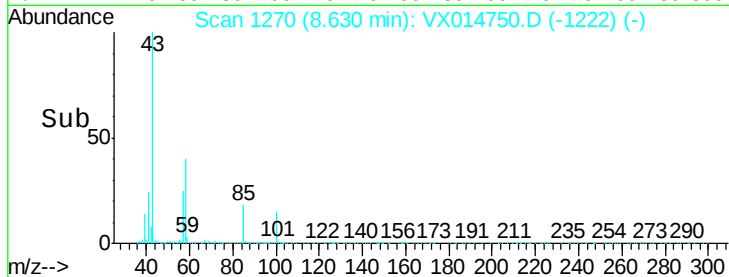
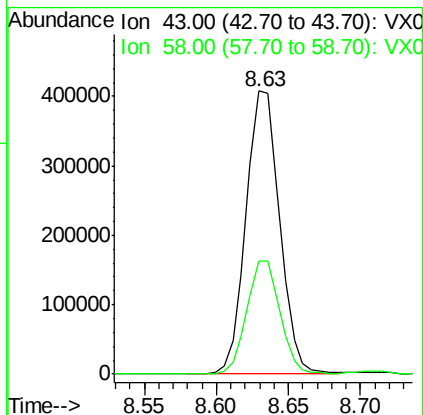
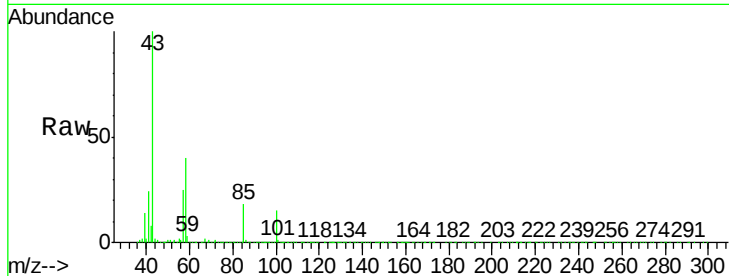
58 39.5 31.6 47.4

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#52

Toluene

Concen: 18.966 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014750.D

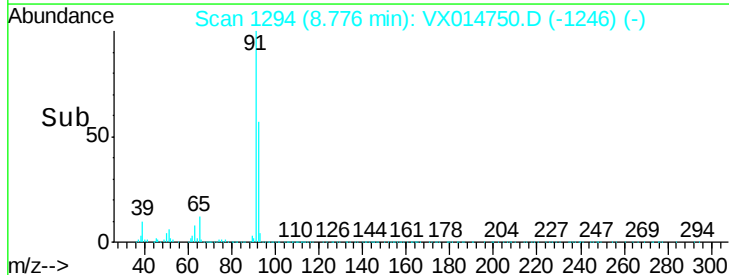
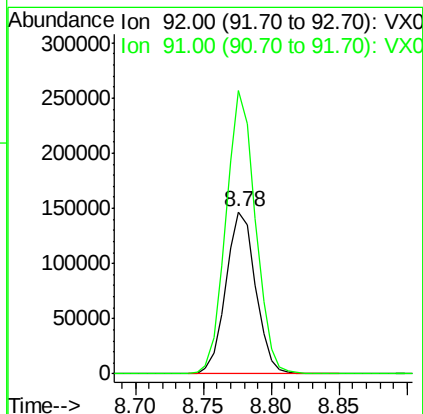
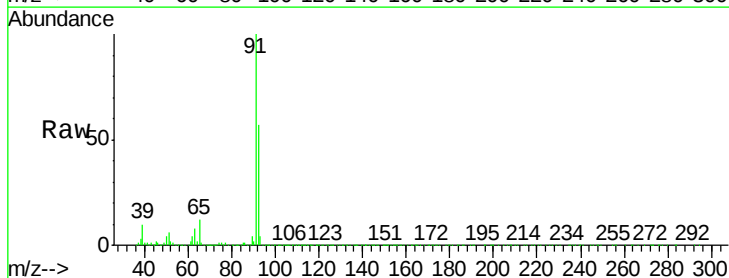
Acq: 28 Jan 2020 14:55

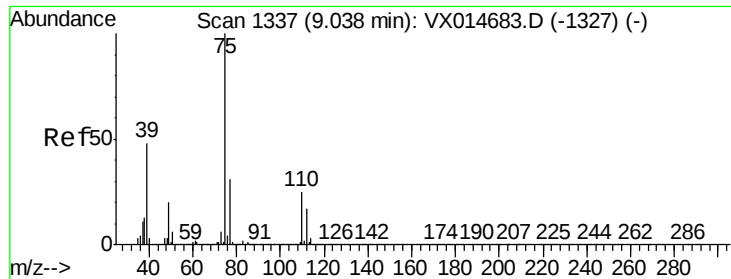
Tgt Ion: 92 Resp: 222749

Ion Ratio Lower Upper

92 100

91 173.4 135.9 203.9





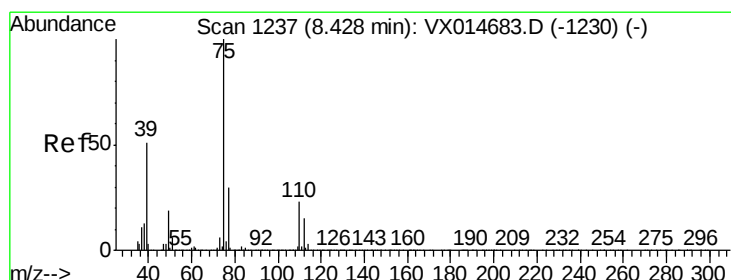
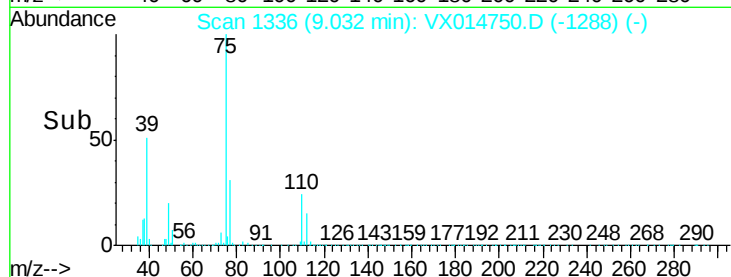
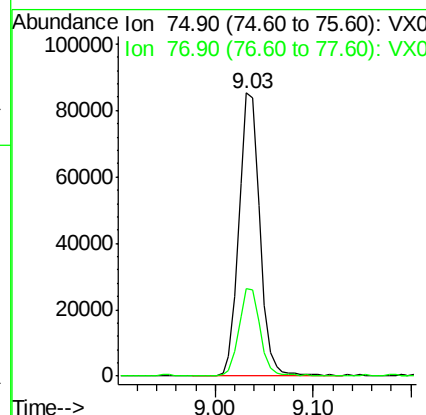
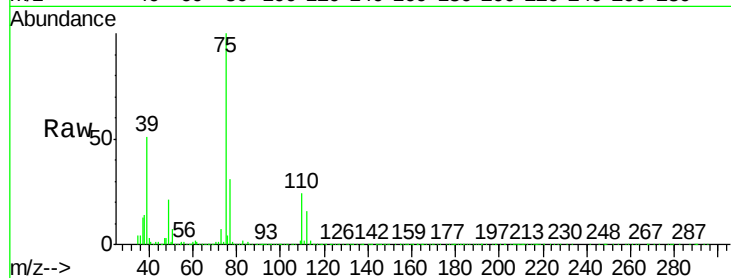
#53
t-1,3-Dichloropropene
Concen: 18.709 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.9	37.3

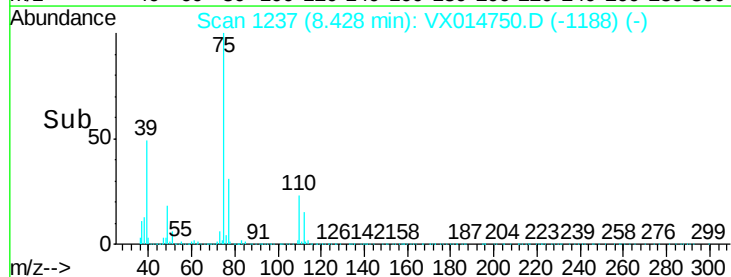
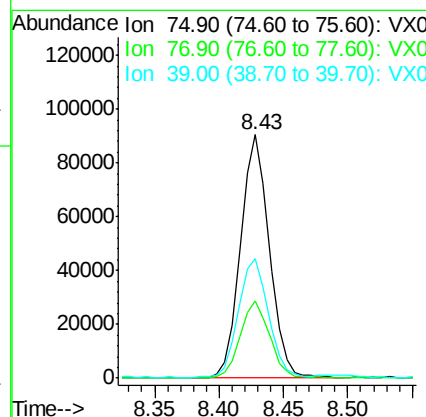
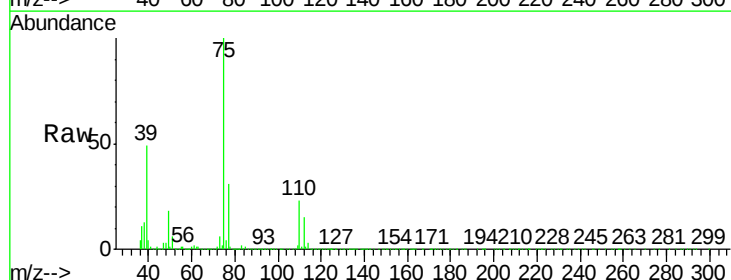
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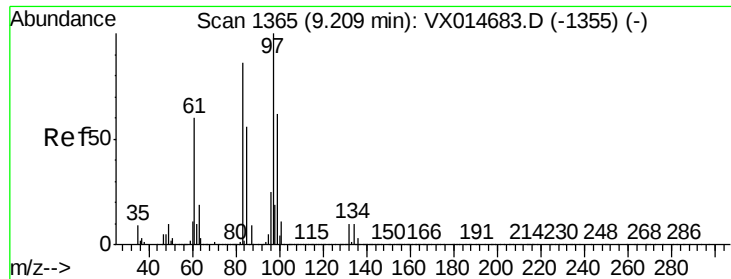
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#54
cis-1,3-Dichloropropene
Concen: 18.839 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	23.9	35.9
39	49.1	40.9	61.3





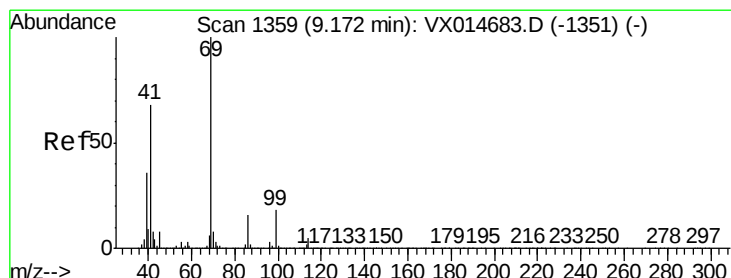
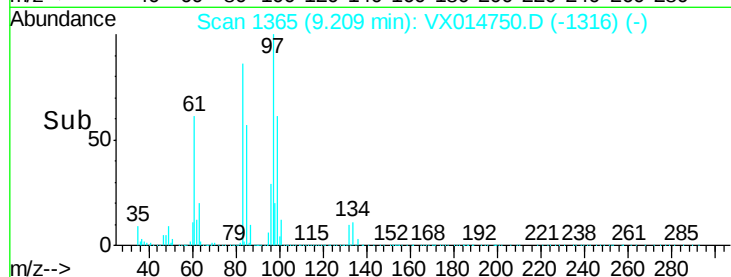
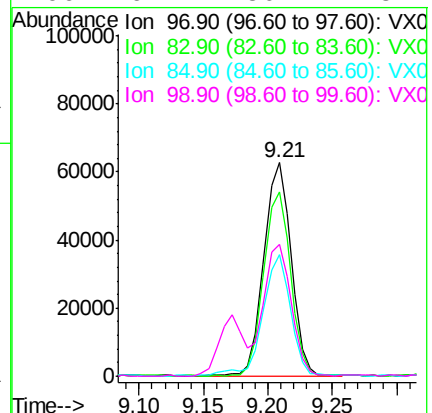
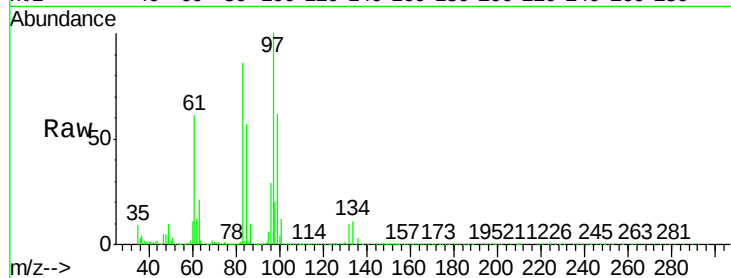
#55
 1,1,2-Trichloroethane
 Concen: 19.037 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.2	103.8
85	57.1	44.6	67.0
99	61.4	50.1	75.1

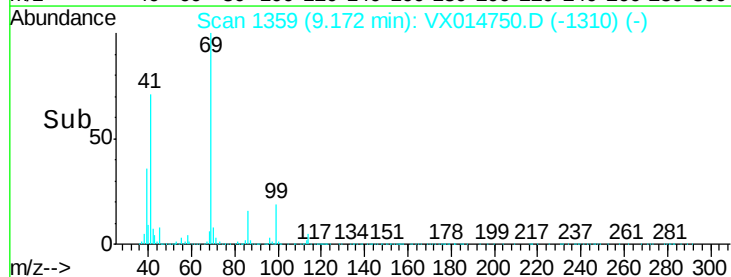
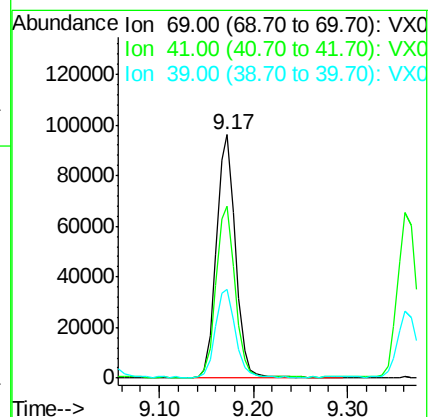
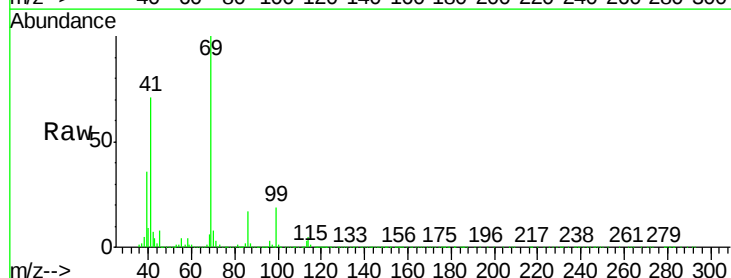
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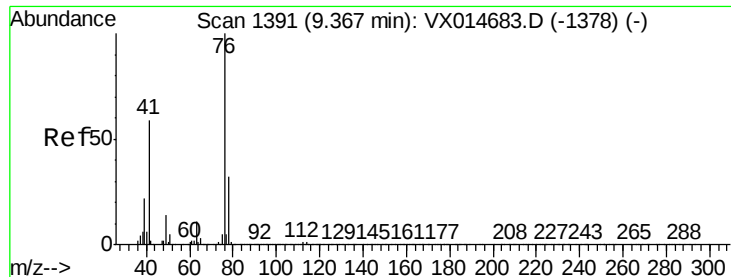
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#56
 Ethyl methacrylate
 Concen: 17.849 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.9	82.3
39	36.9	29.3	43.9





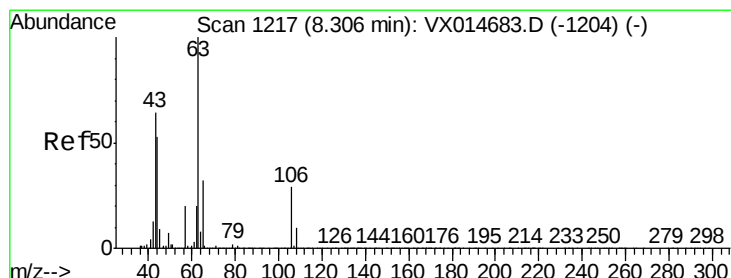
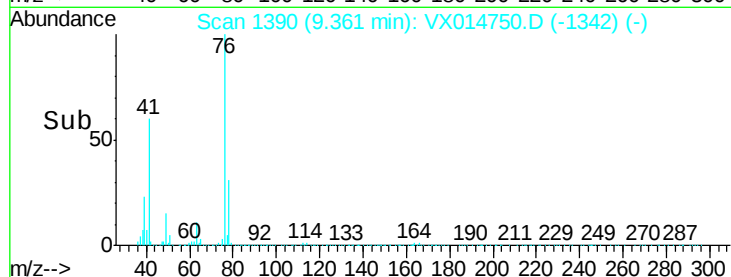
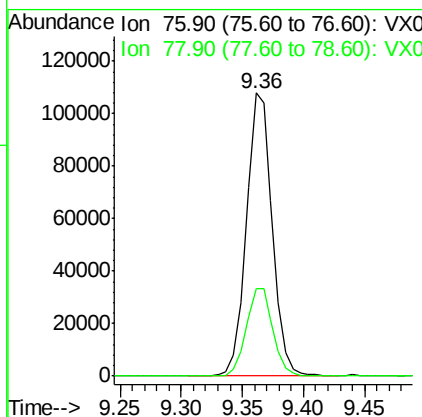
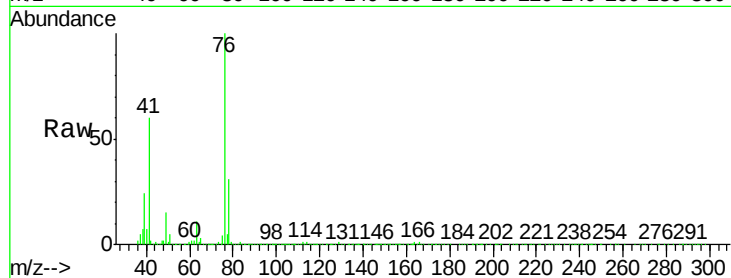
#57
 1,3-Dichloropropane
 Concen: 19.172 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

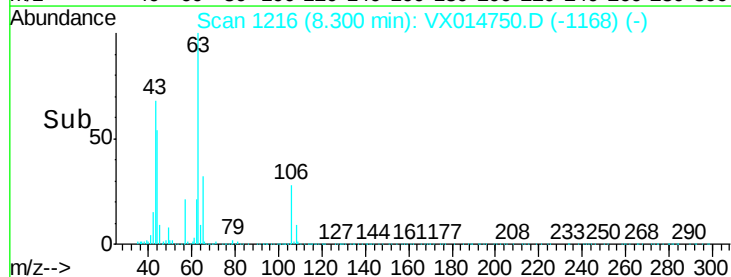
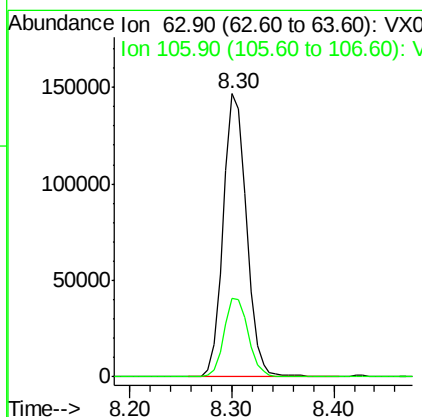
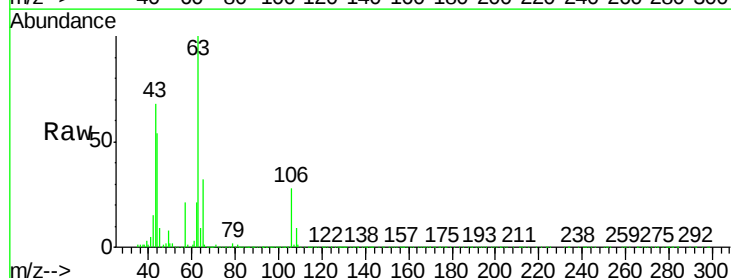
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.823 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.7	34.1





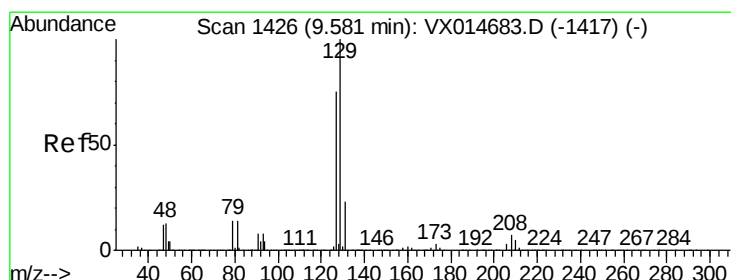
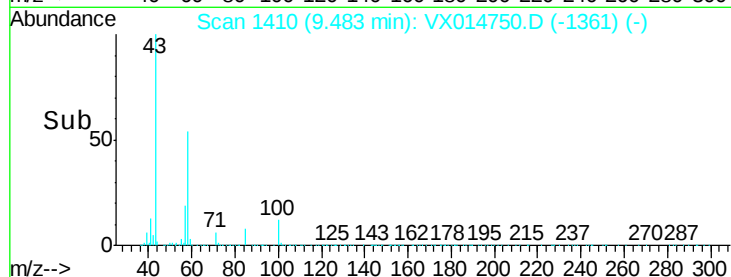
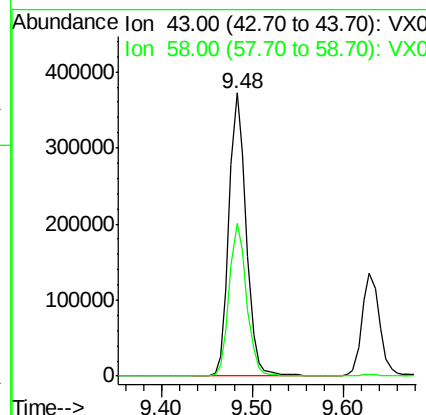
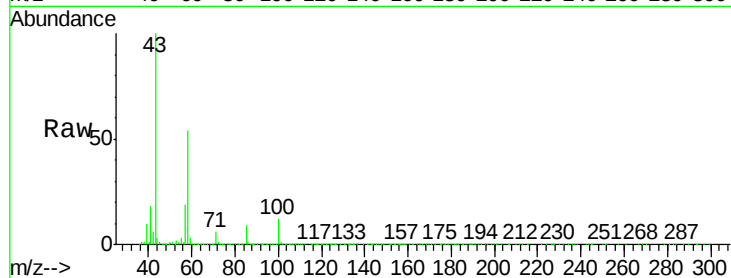
#59
2-Hexanone
Concen: 86.693 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion: 43 Resp: 492425
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

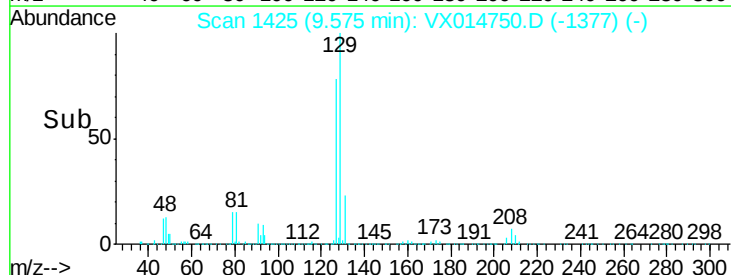
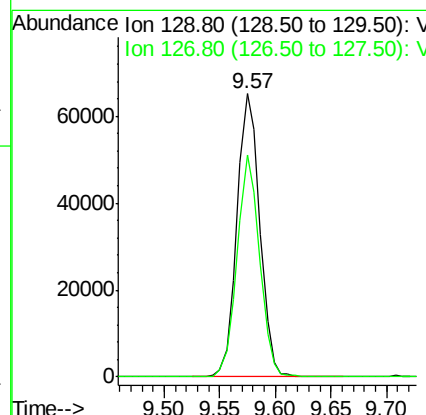
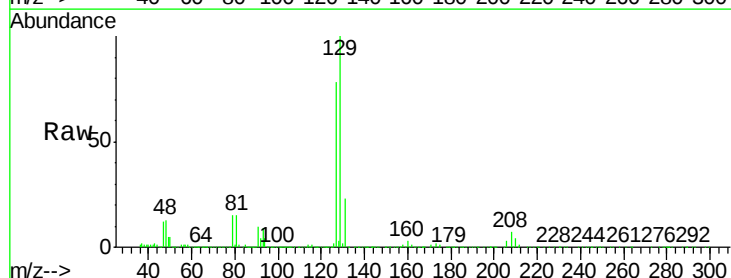
Manual Integrations
APPROVED

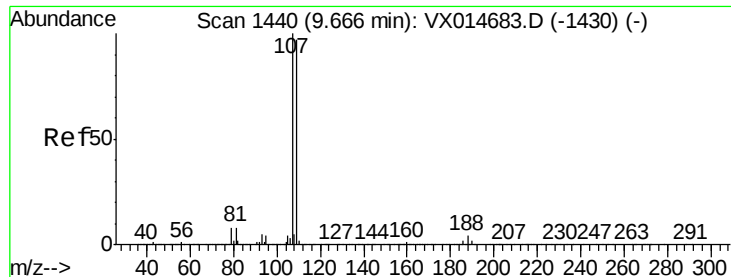
MMDadoda
1/29/2020 10:55:28 AM



#60
Dibromochloromethane
Concen: 18.532 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 129 Resp: 93015
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





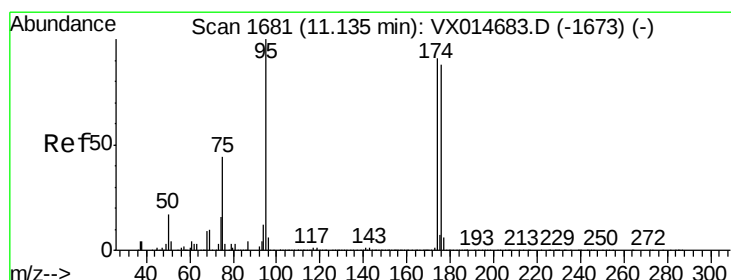
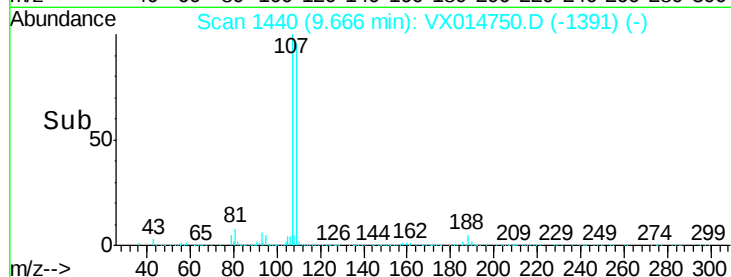
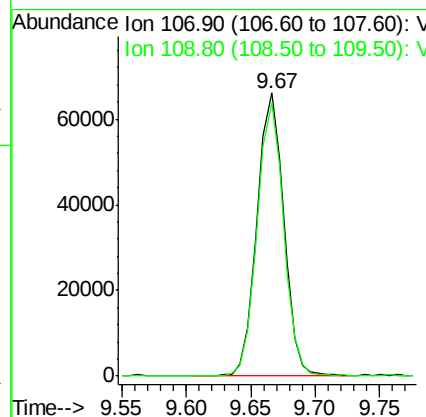
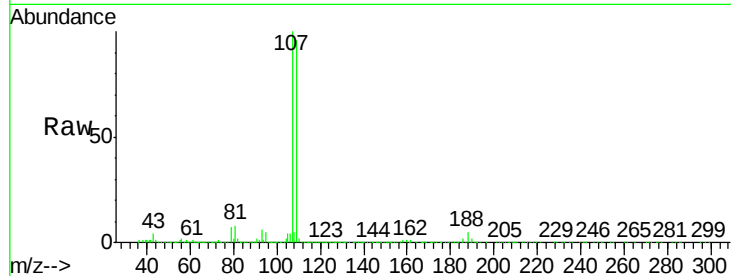
#61
 1,2-Dibromoethane
 Concen: 18.608 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.2	114.2

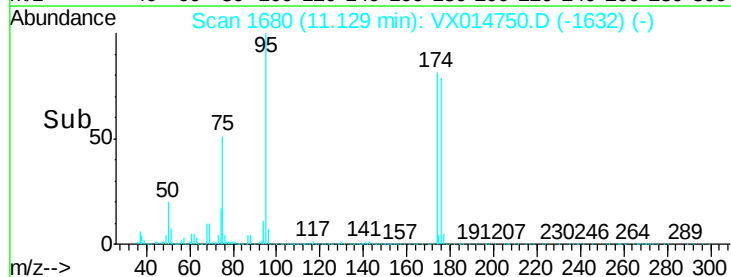
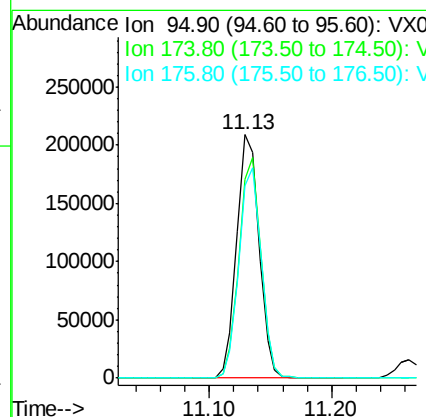
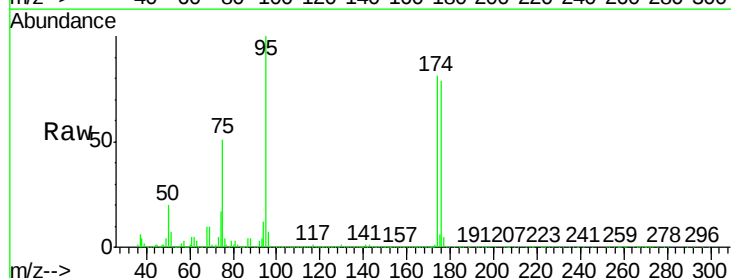
Manual Integrations
 APPROVED

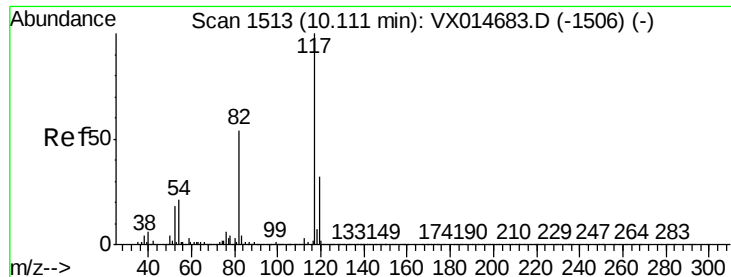
MMDadoda
 1/29/2020 10:55:28 AM



#62
 4-Bromofluorobenzene
 Concen: 45.665 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	176.0
176	86.5	0.0	172.2





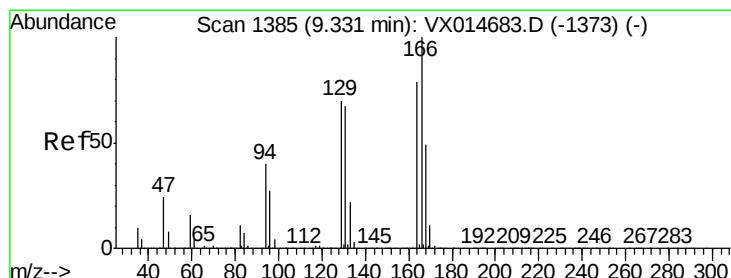
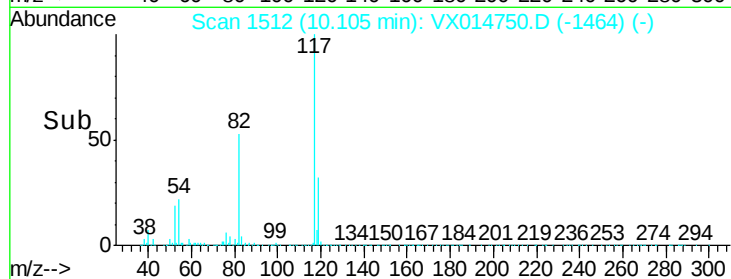
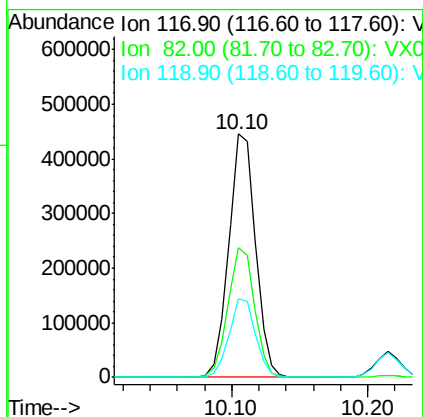
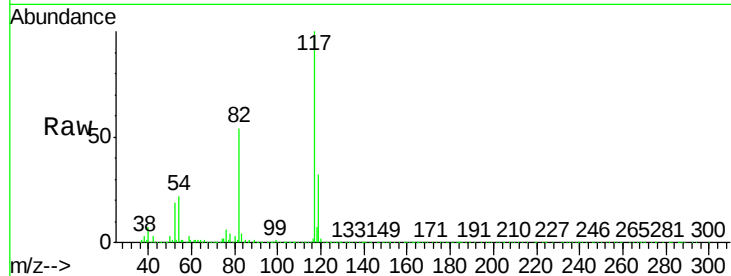
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.5	43.2	64.8
119	32.2	25.8	38.6

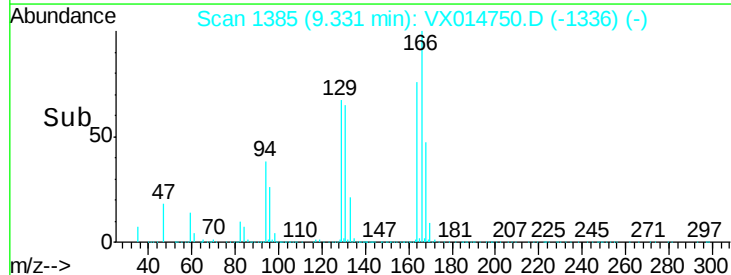
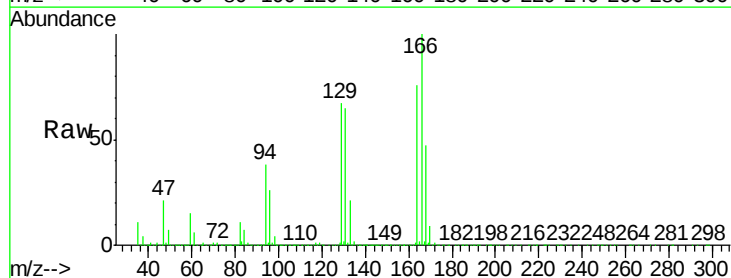
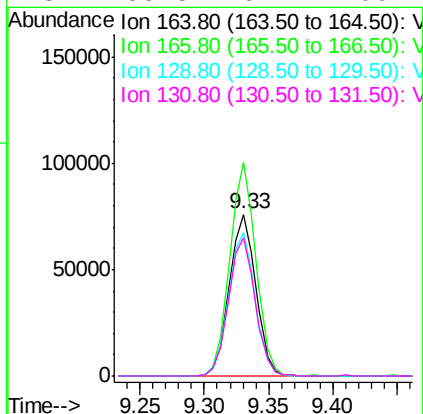
Manual Integrations
APPROVED

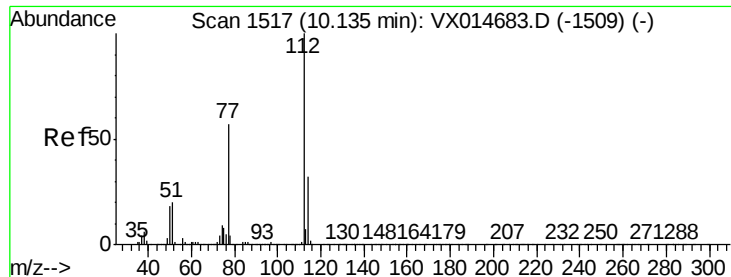
MMDadoda
1/29/2020 10:55:28 AM



#64
Tetrachloroethene
Concen: 18.307 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	132.3	100.9	151.3
129	89.0	71.0	106.6
131	85.8	67.1	100.7





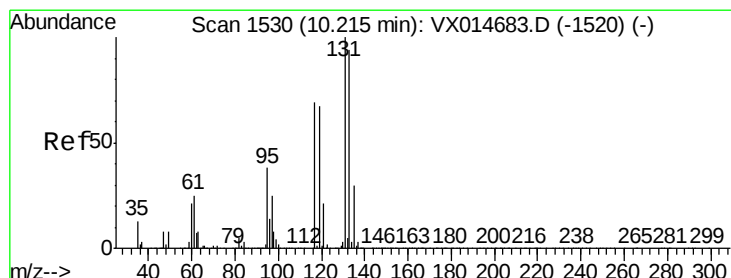
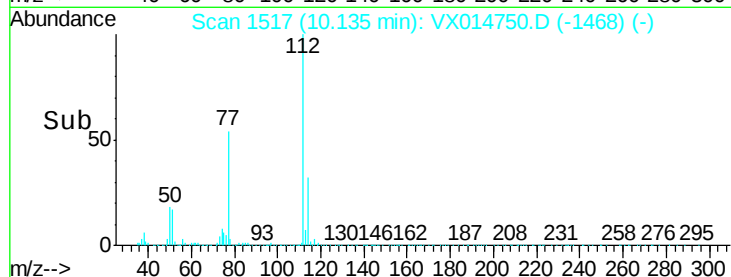
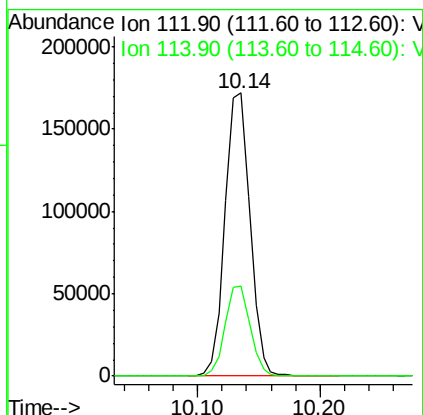
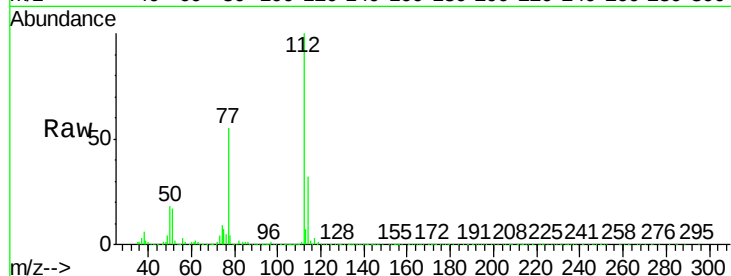
#65
Chlorobenzene
Concen: 18.688 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.8

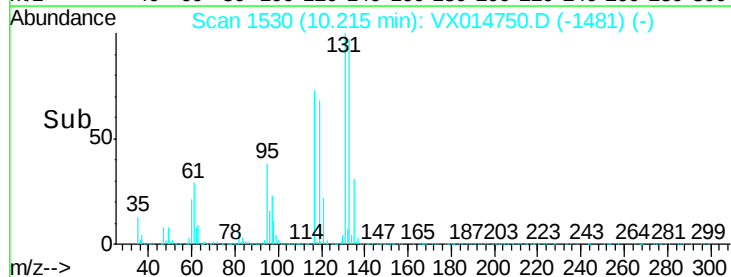
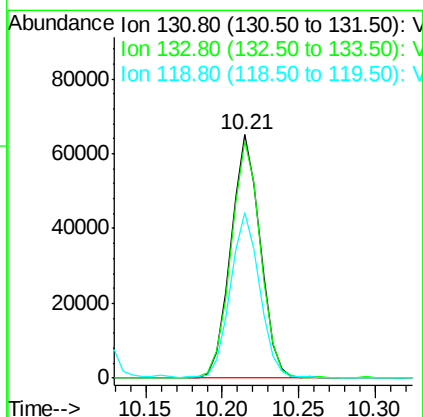
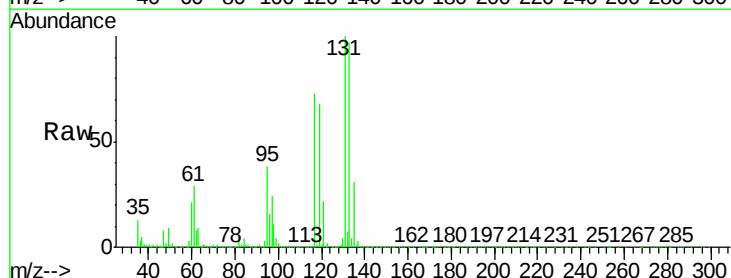
Manual Integrations
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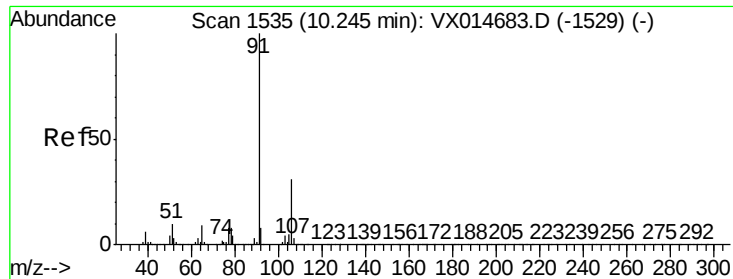
MMDadoda
1/29/2020 10:55:28 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.975 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.6	47.4	142.3
119	68.3	33.3	99.8





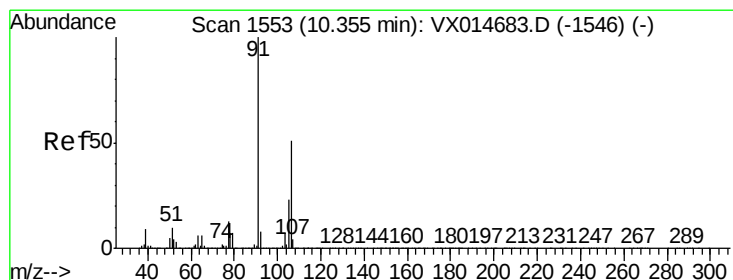
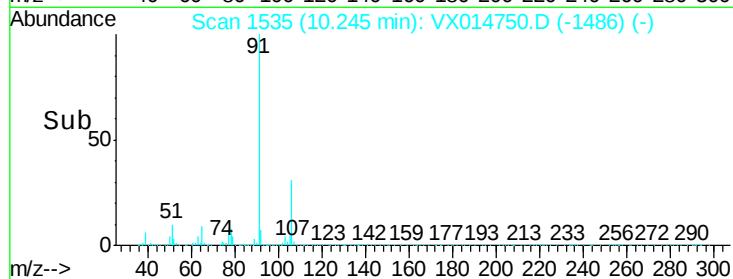
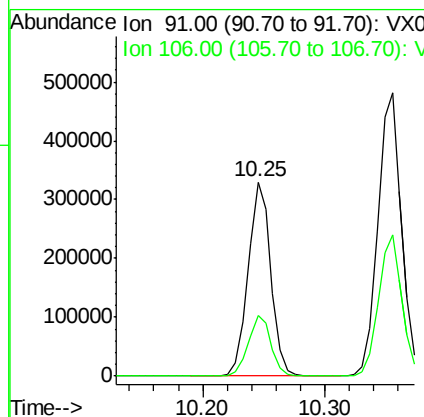
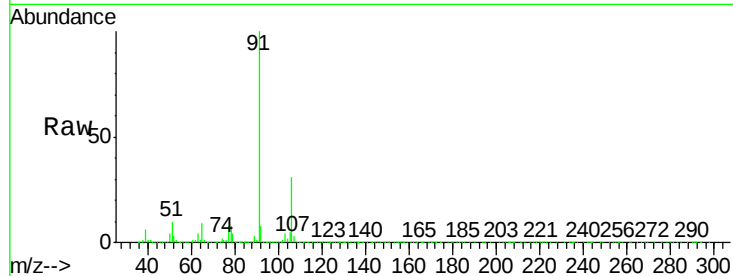
#67
Ethyl Benzene
Concen: 19.032 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion: 91 Resp: 422871
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

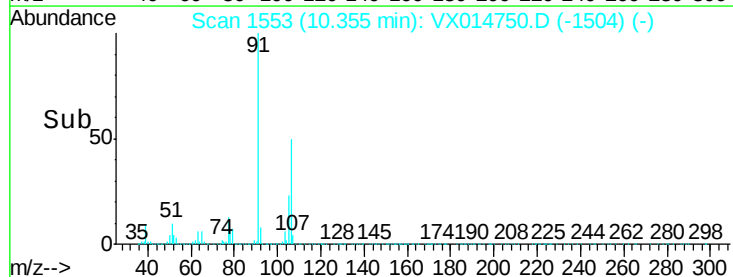
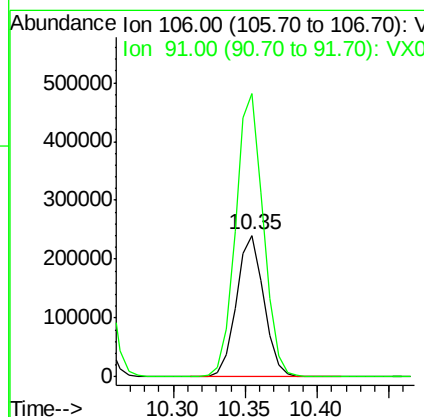
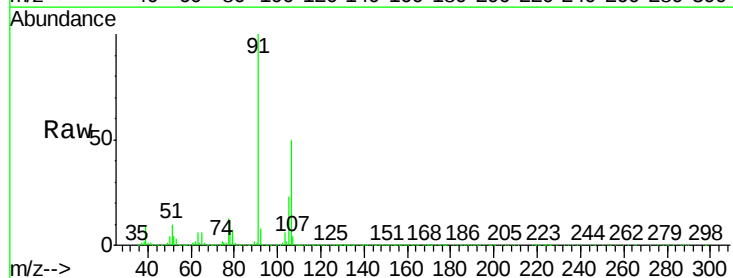
Manual Integrations
APPROVED

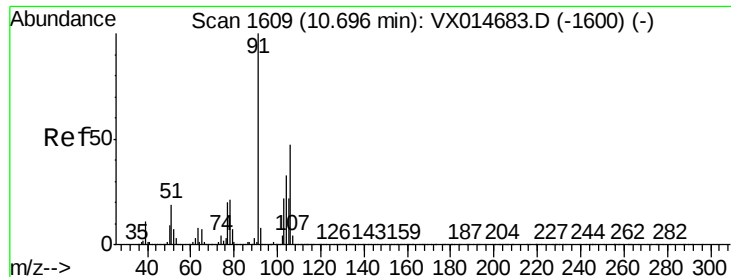
MMDadoda
1/29/2020 10:55:28 AM



#68
m/p-Xylenes
Concen: 37.942 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 106 Resp: 319385
Ion Ratio Lower Upper
106 100
91 202.6 159.4 239.2





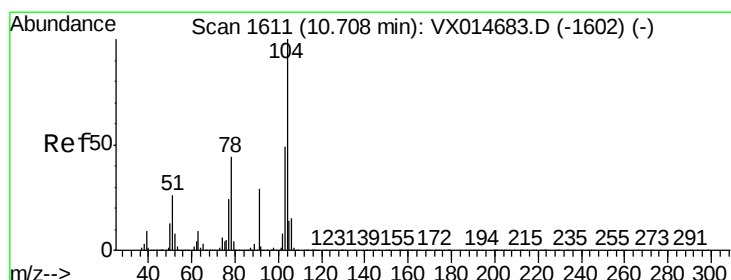
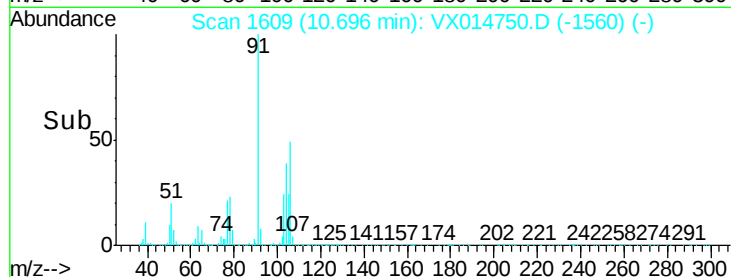
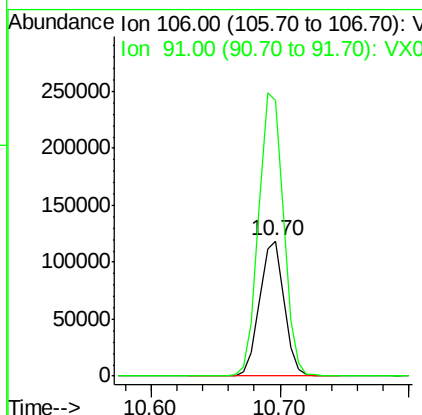
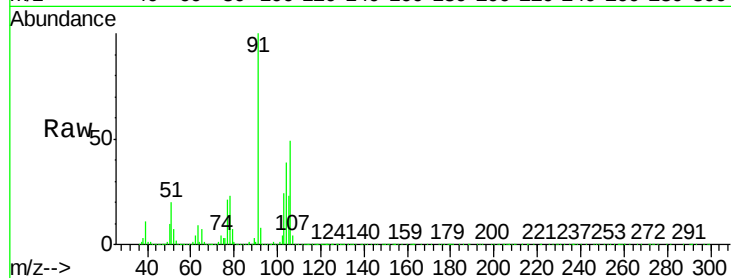
#69
o-Xylene
Concen: 19.024 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.2	106.2	318.6

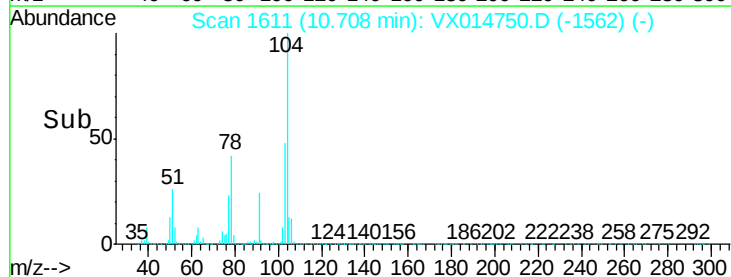
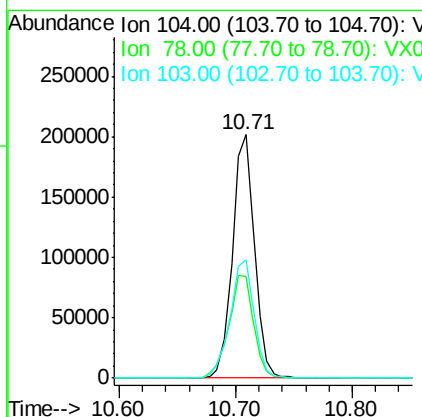
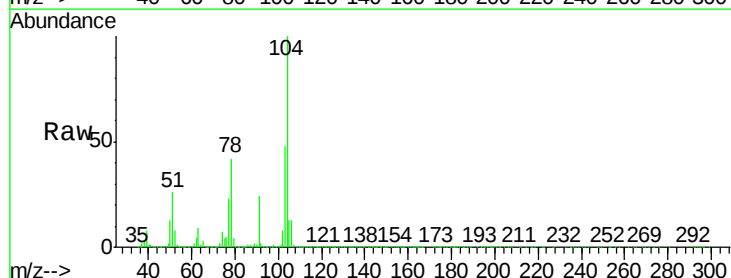
Manual Integrations
APPROVED

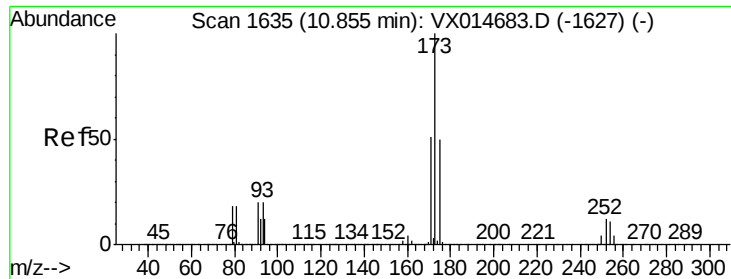
MMDadoda
1/29/2020 10:55:28 AM



#70
Styrene
Concen: 19.505 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	39.3	58.9
103	53.2	43.5	65.3





#71

Bromoform

Concen: 17.843 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

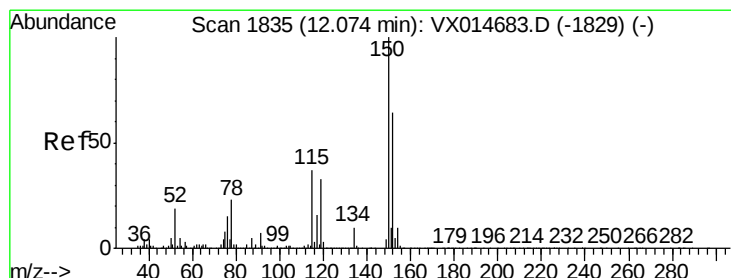
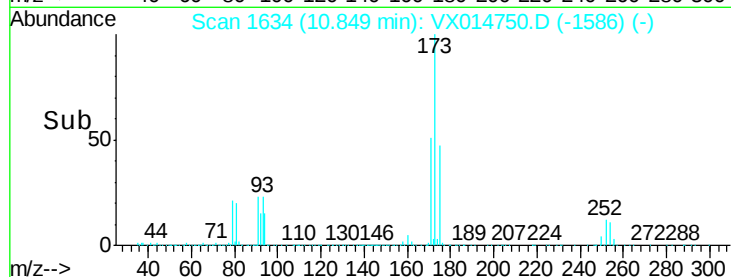
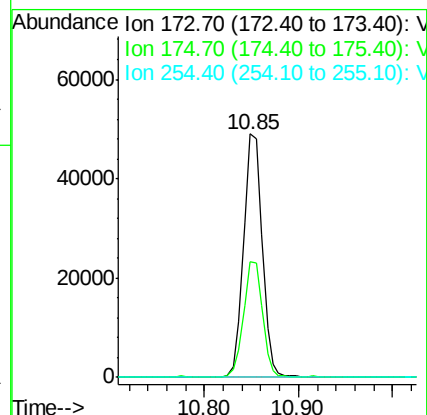
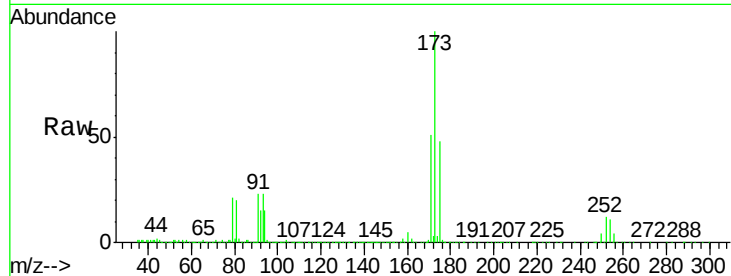
ClientSampleId :

VX0128MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.2	0.1	0.1#

Manual Integrations
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1/29/2020 10:55:28 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

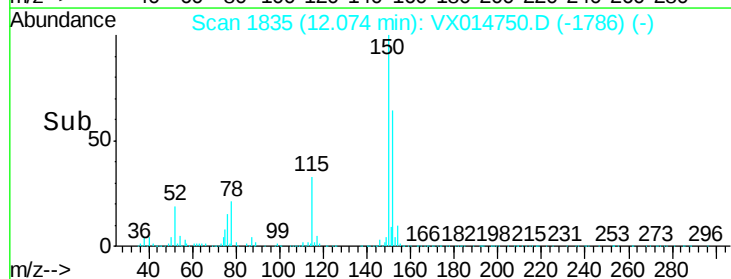
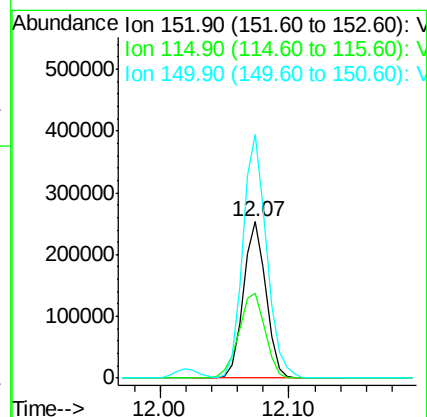
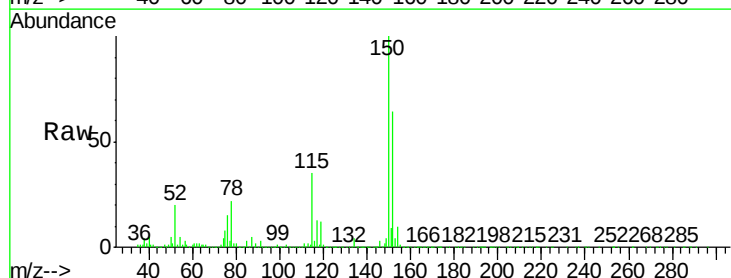
RT: 12.07 min Scan# 1835

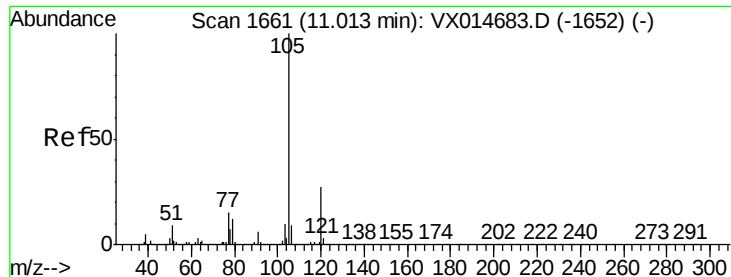
Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	39.4	118.1
150	163.8	0.0	351.2





#73

Isopropylbenzene

Concen: 19.024 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion: 105 Resp: 410106

Ion Ratio Lower Upper

105 100

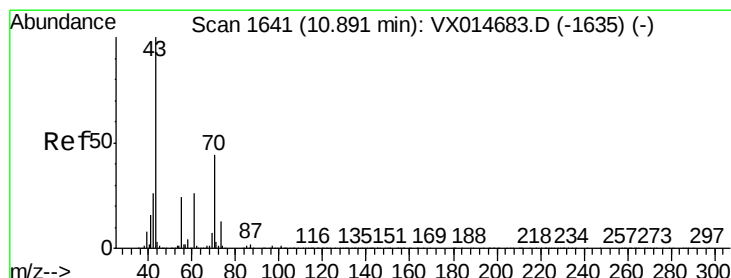
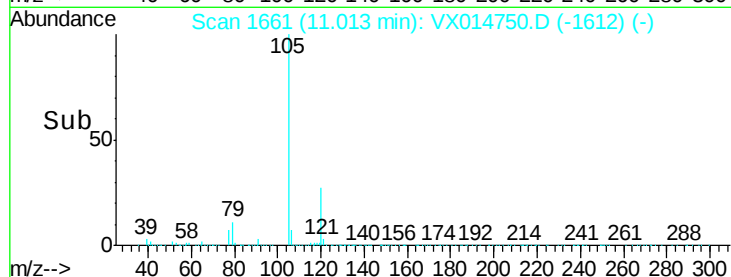
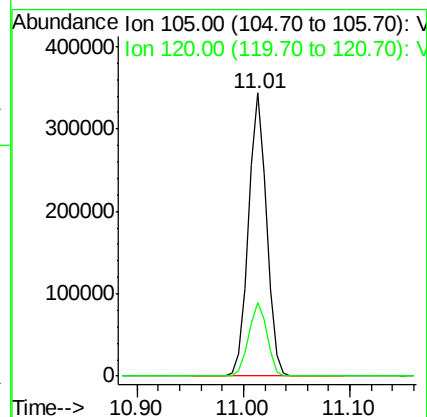
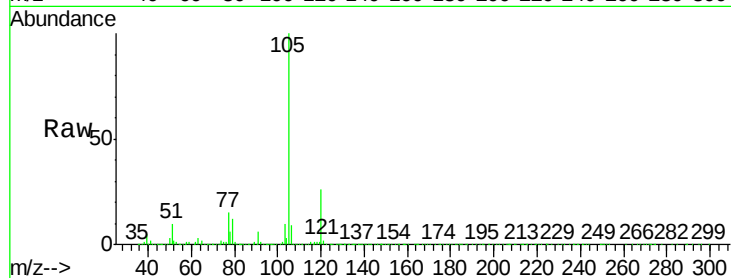
120 26.4

13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.637 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion: 43 Resp: 176056

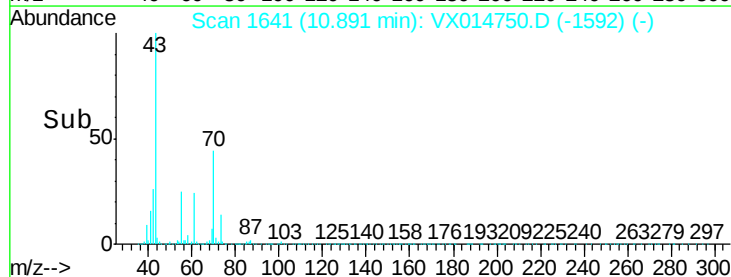
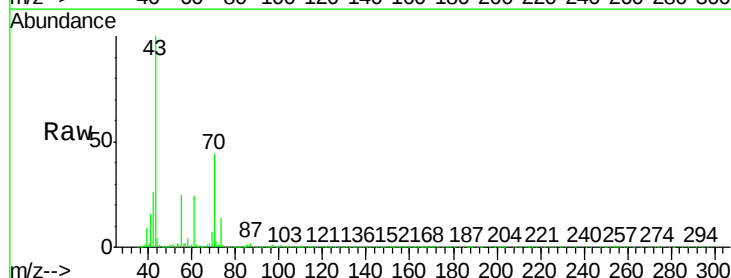
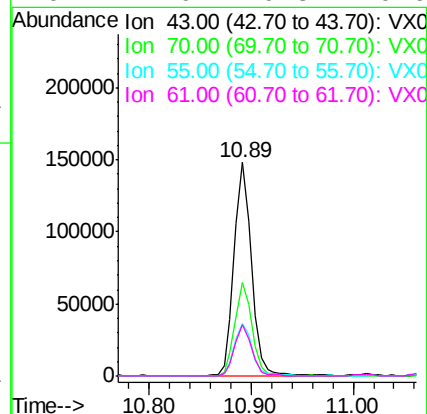
Ion Ratio Lower Upper

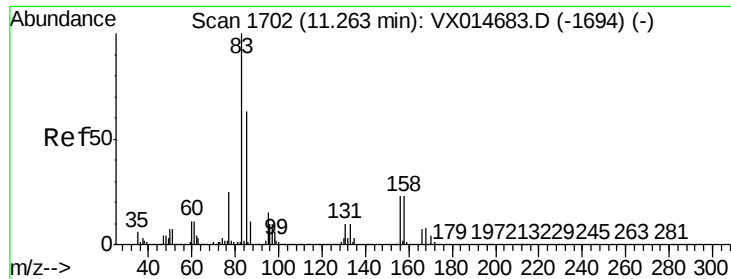
43 100

70 42.5 34.6 52.0

55 25.0 19.4 29.2

61 22.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.046 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

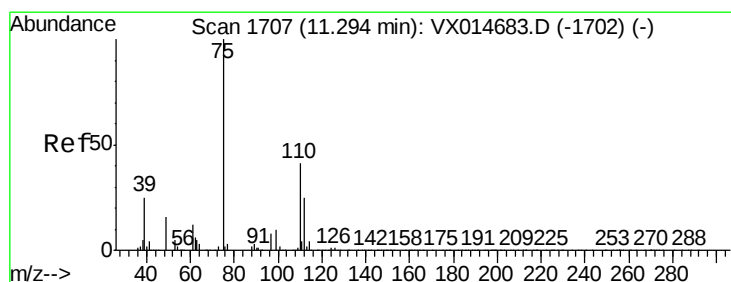
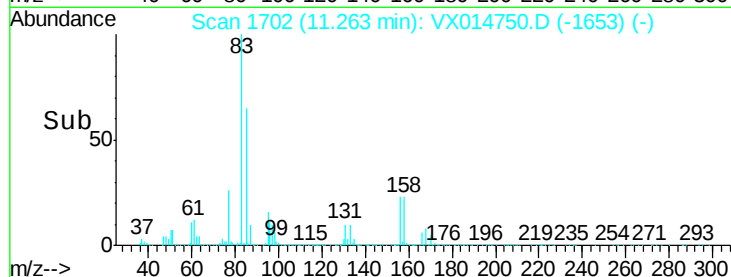
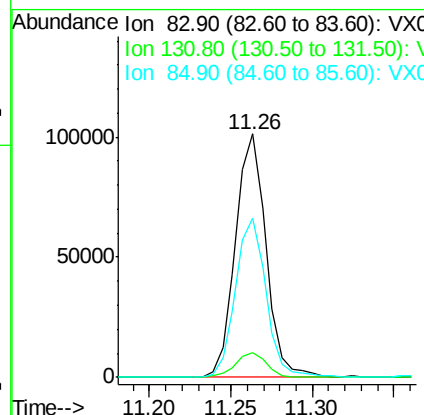
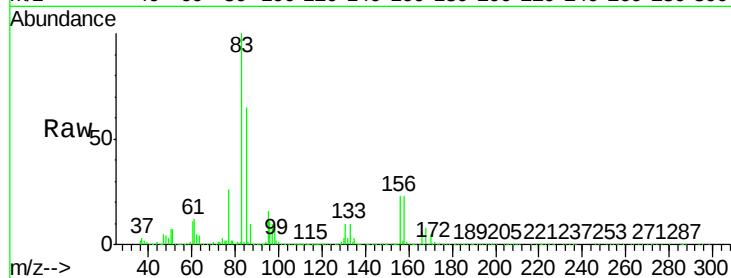
ClientSampleId :

VX0128MBS01

Tot Ion:	83	Resp:	131207
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	65.6	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 16.022 ug/l m

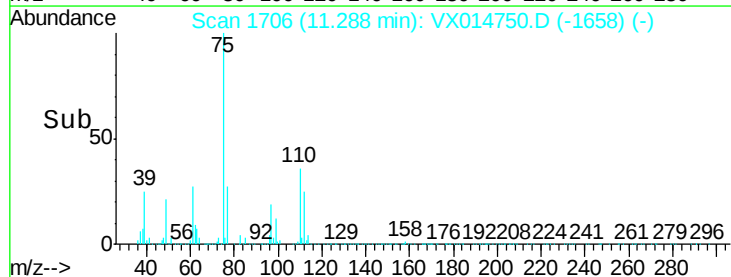
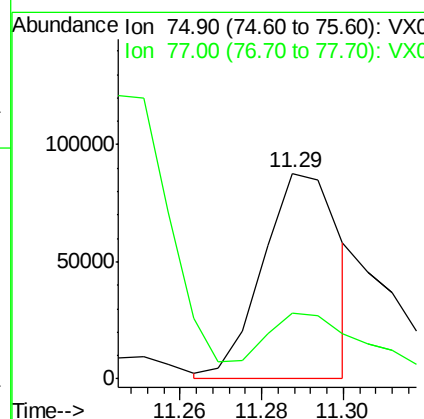
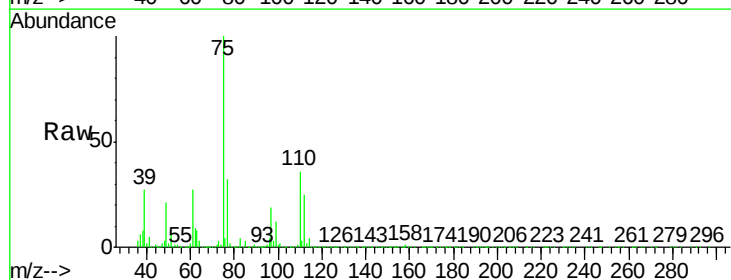
RT: 11.29 min Scan# 1706

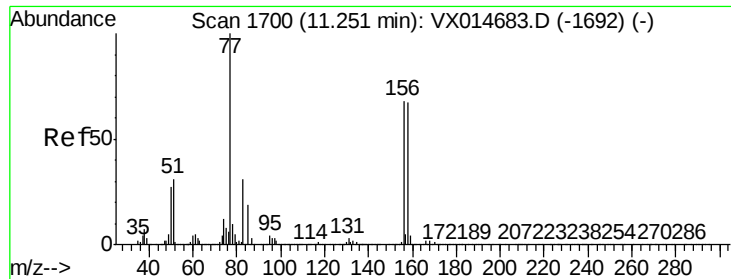
Delta R.T. -0.01 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion:	75	Resp:	114286
Ion Ratio	Lower	Upper	
75	100		
77	43.9	18.7	56.1





#77

Bromobenzene

Concen: 18.525 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

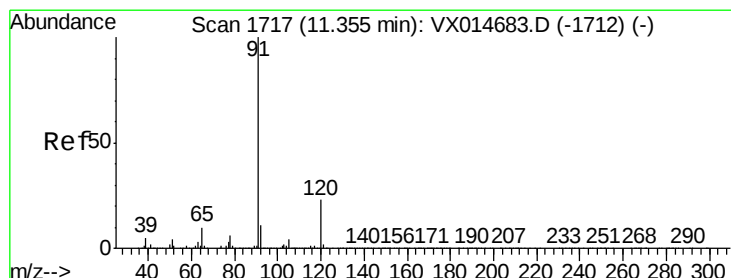
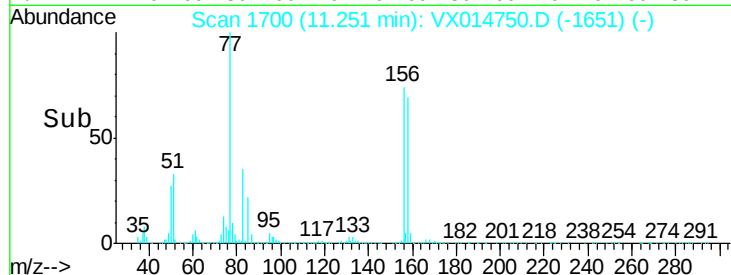
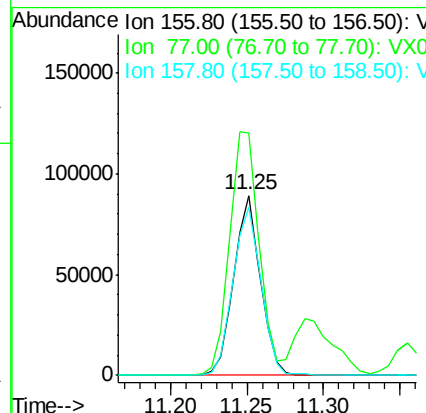
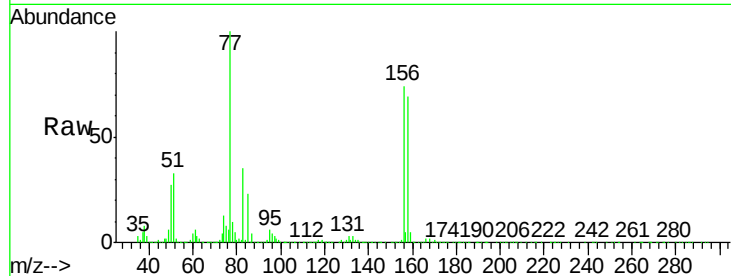
ClientSampleId :

VX0128MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.6	77.5	232.5
158	98.9	49.1	147.3

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#78

n-propylbenzene

Concen: 19.487 ug/l

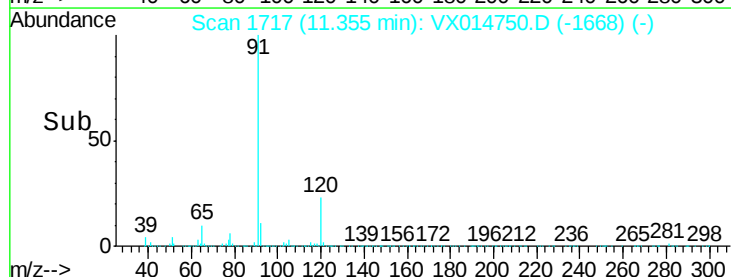
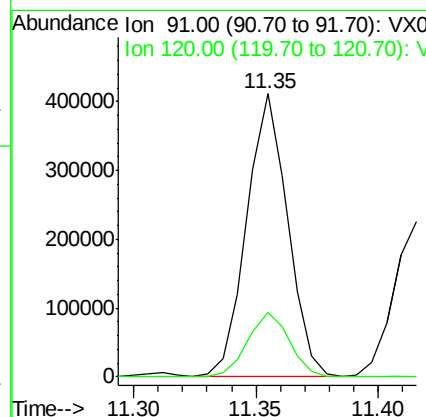
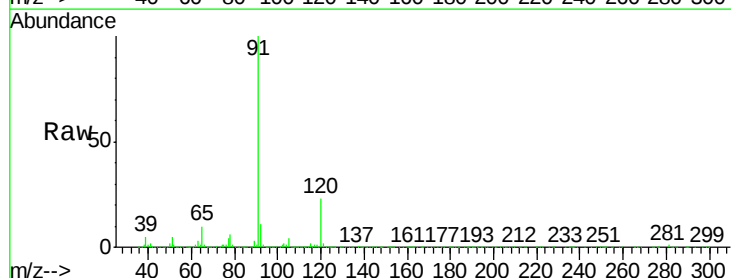
RT: 11.35 min Scan# 1717

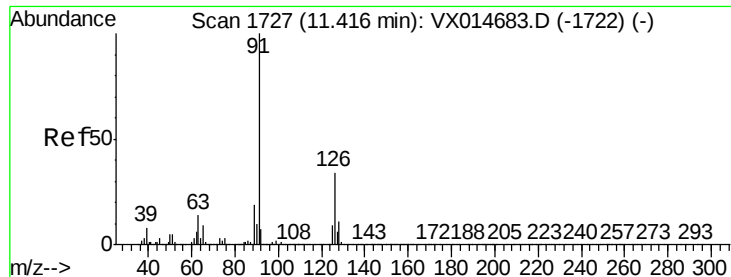
Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0





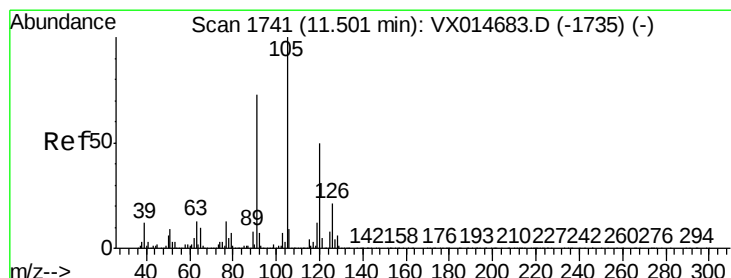
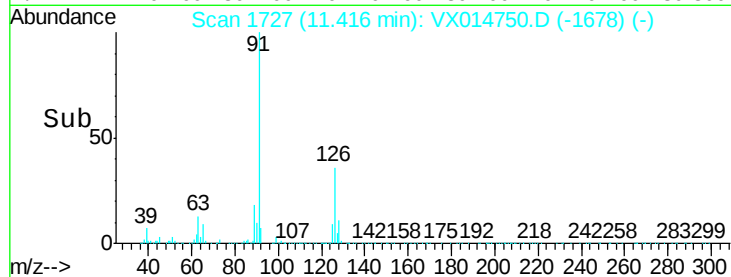
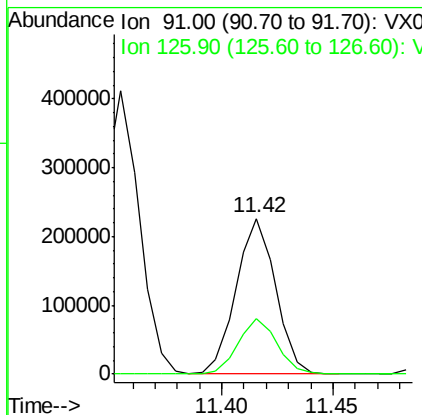
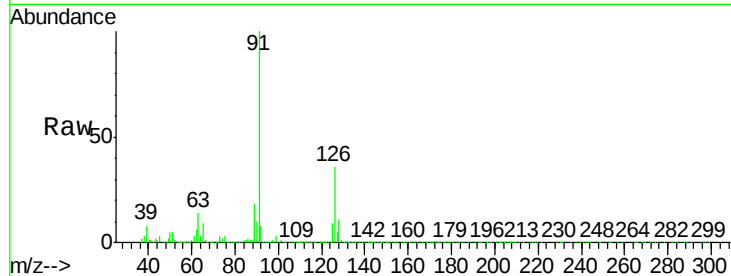
#79
2-Chlorotoluene
Concen: 18.828 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion: 91 Resp: 278770
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.9

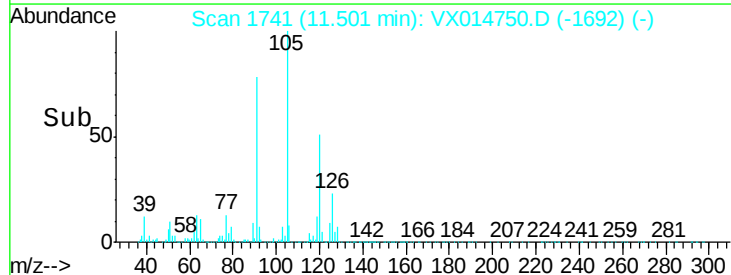
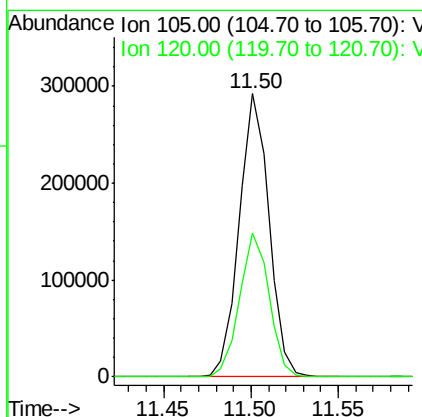
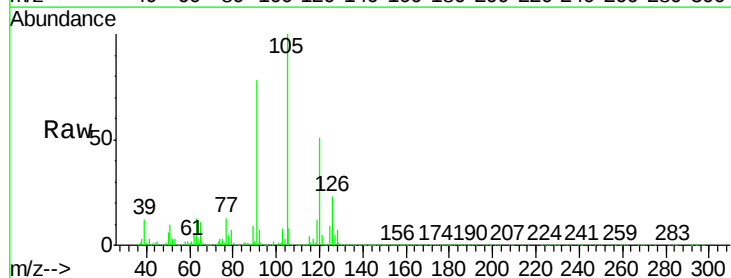
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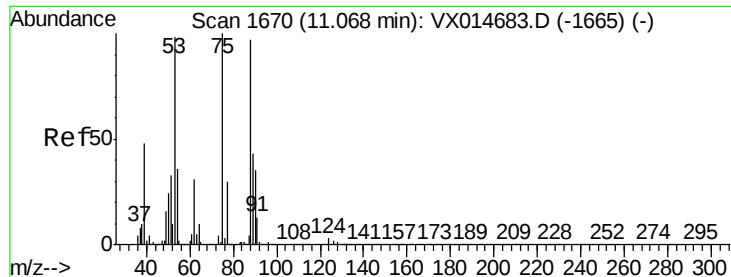
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#80
1,3,5-Trimethylbenzene
Concen: 19.349 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion: 105 Resp: 346199
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6





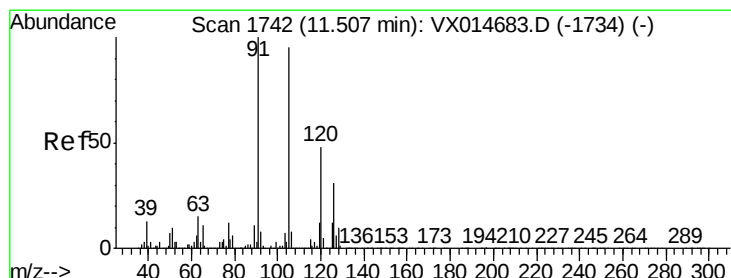
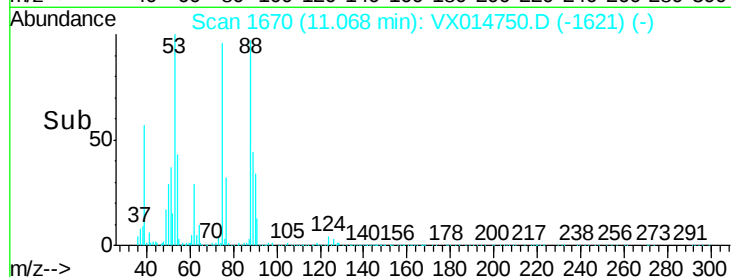
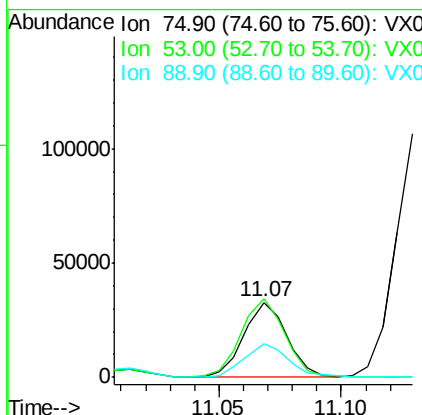
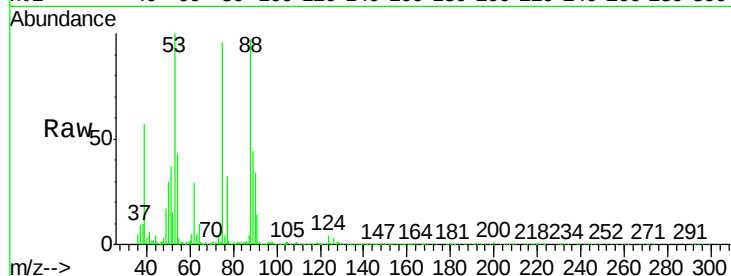
#81
trans-1,4-Dichloro-2-butene
Concen: 15.887 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.0	78.8	118.2
89	48.6	35.4	53.0

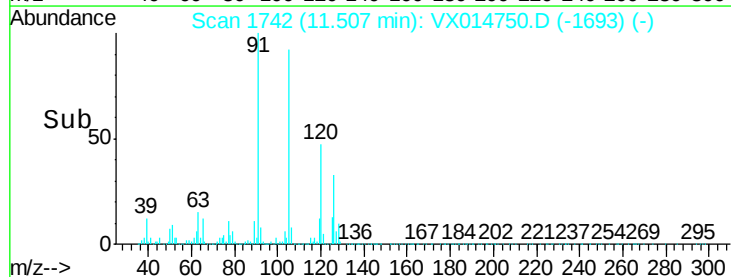
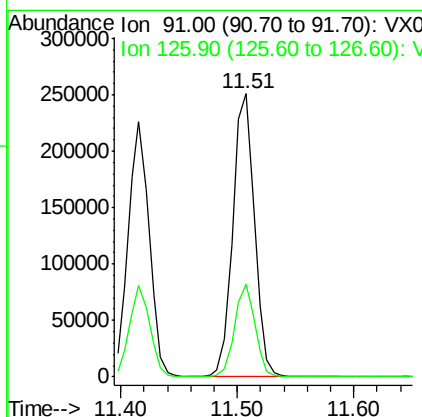
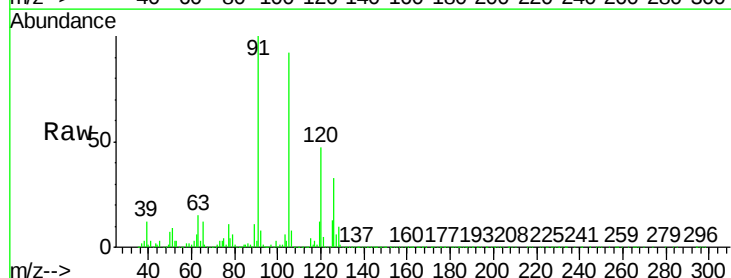
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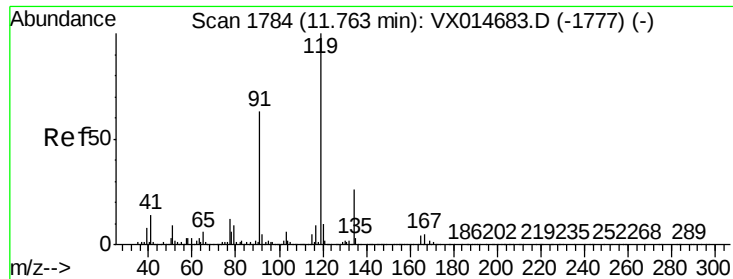
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#82
4-Chlorotoluene
Concen: 19.273 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





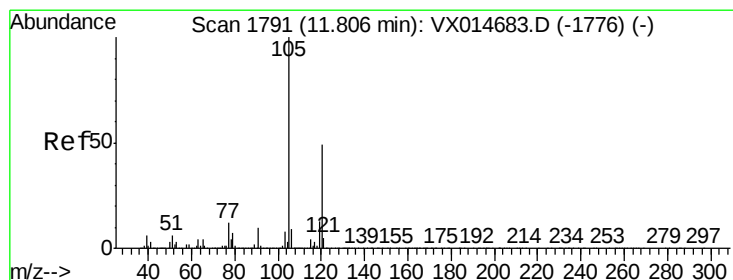
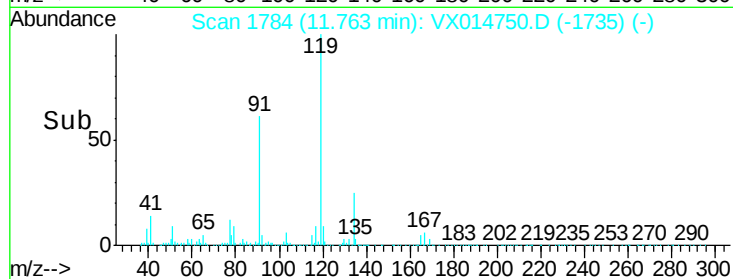
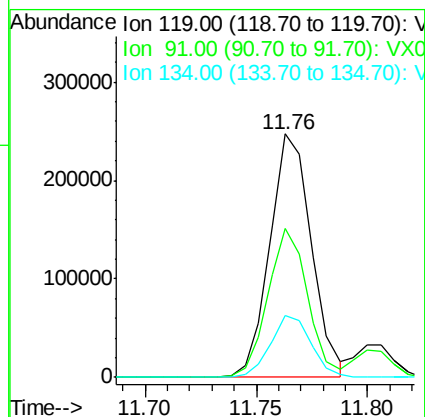
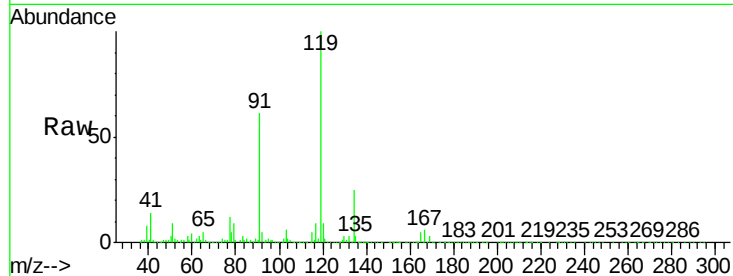
#83
tert-Butylbenzene
Concen: 19.045 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	320201		
91	58.3	30.0	90.0	
134	25.0	12.7	38.0	

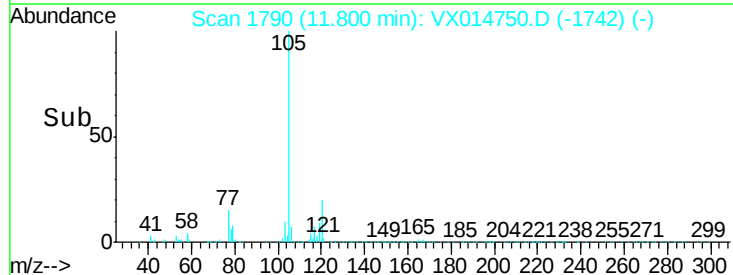
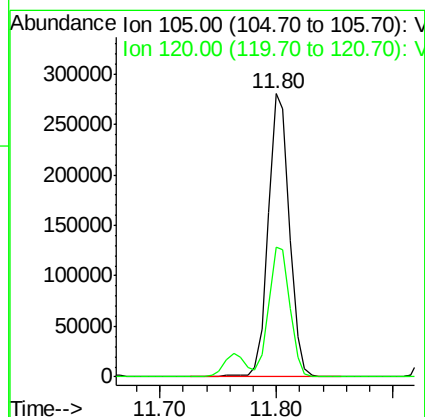
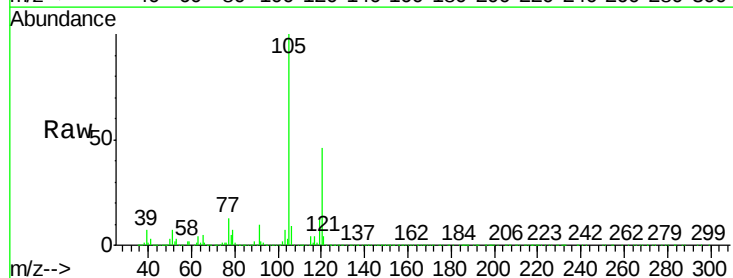
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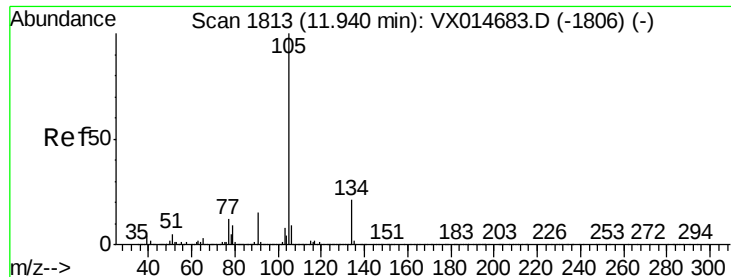
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#84
1,2,4-Trimethylbenzene
Concen: 19.474 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	349485		
120	45.8	23.4	70.0	





#85

sec-Butylbenzene

Concen: 19.519 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0128MBS01

Tot Ion:105 Resp: 402019

Ion Ratio Lower Upper

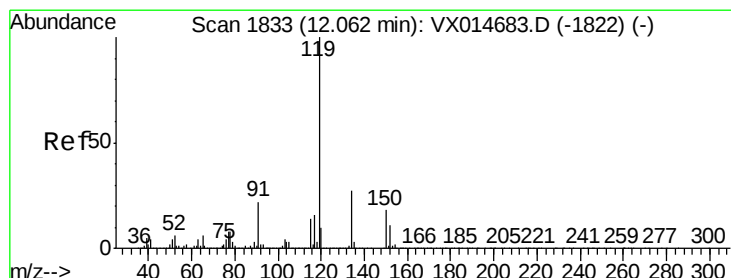
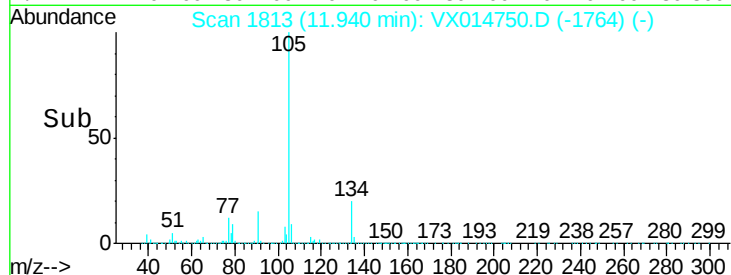
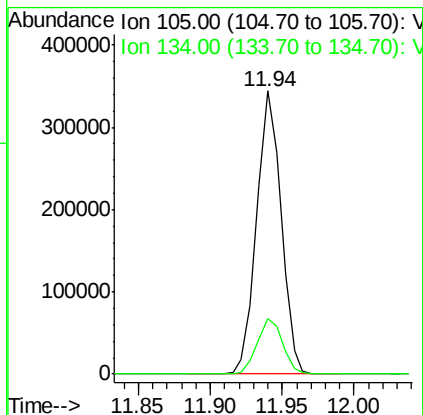
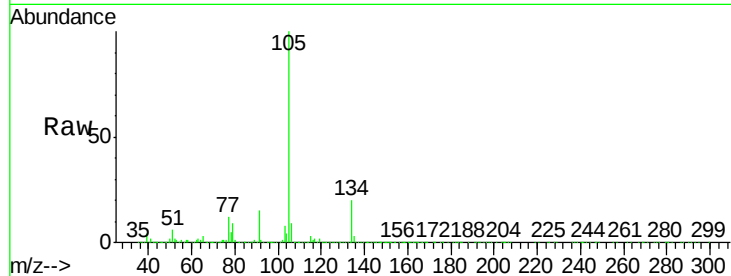
105 100

134 20.3 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 19.300 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

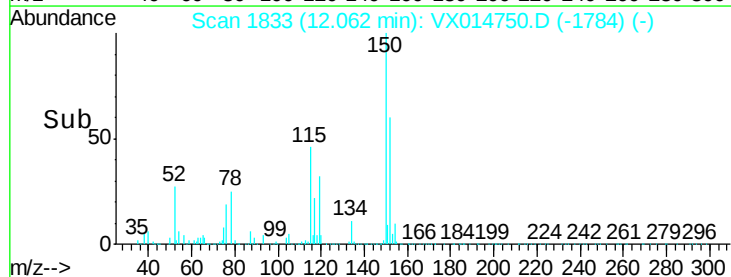
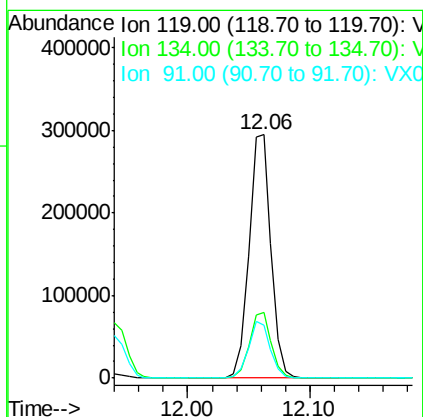
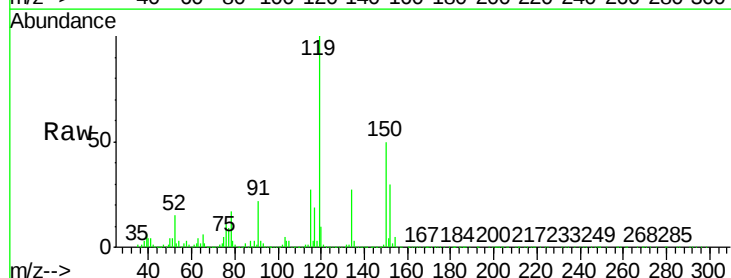
Tgt Ion:119 Resp: 367365

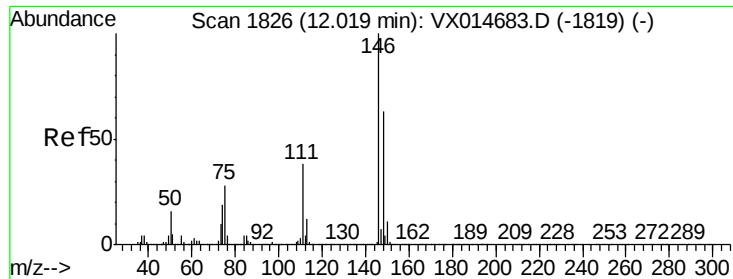
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.518 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014750.D

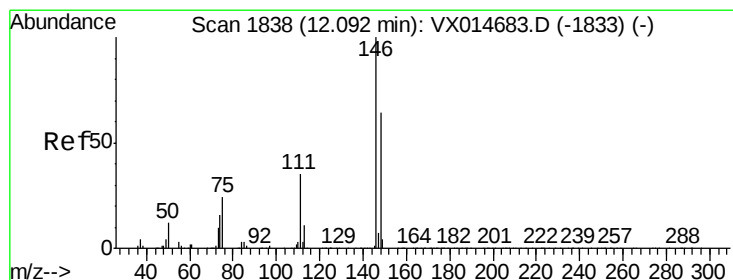
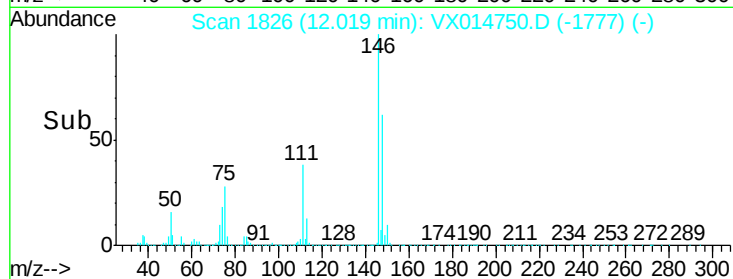
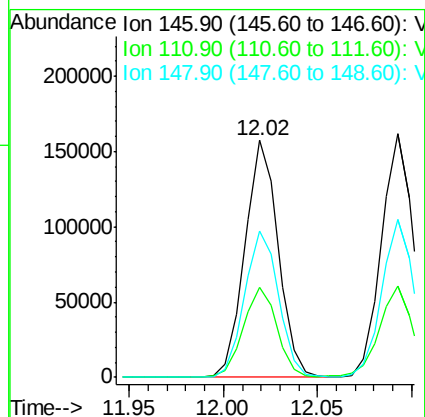
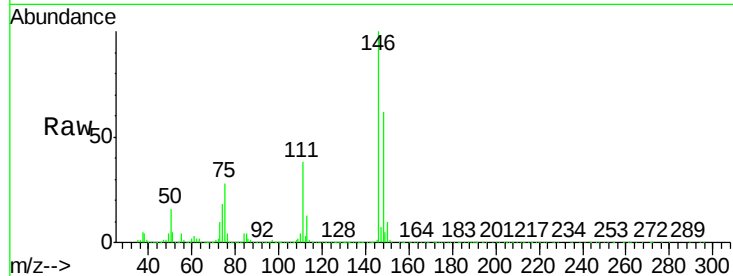
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.4	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 18.442 ug/l

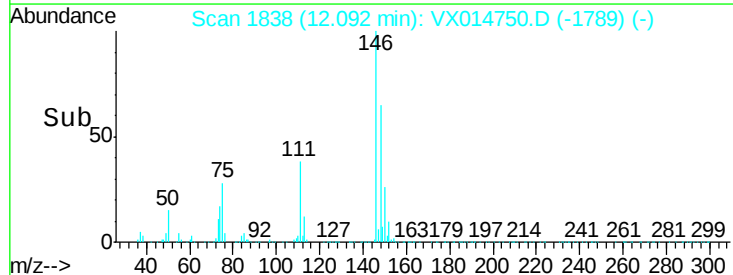
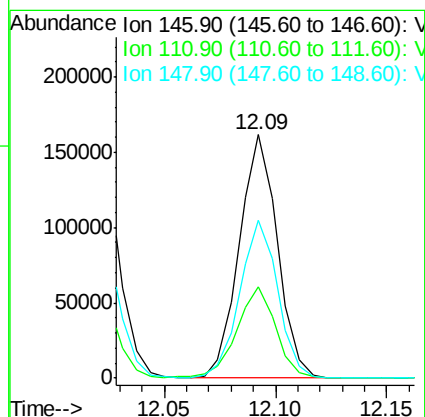
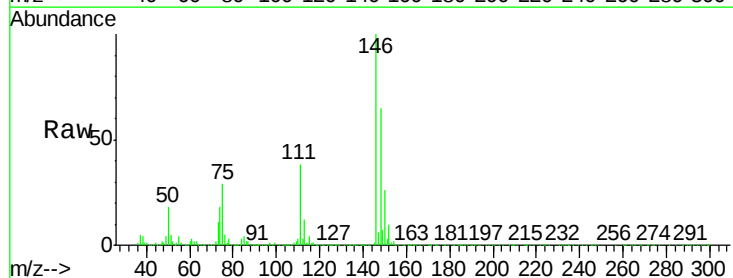
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014750.D

Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.9	32.0	96.2





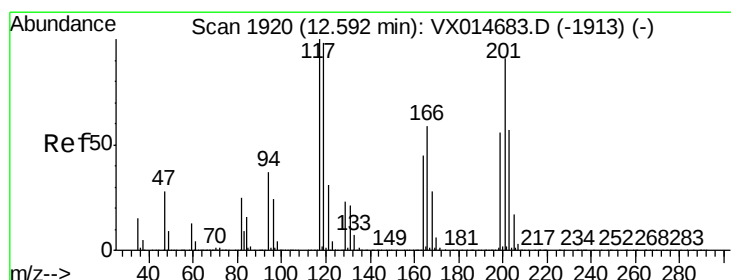
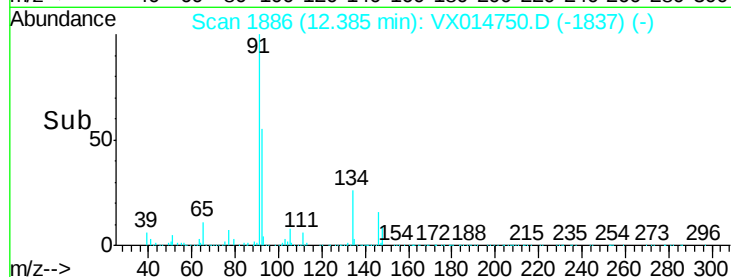
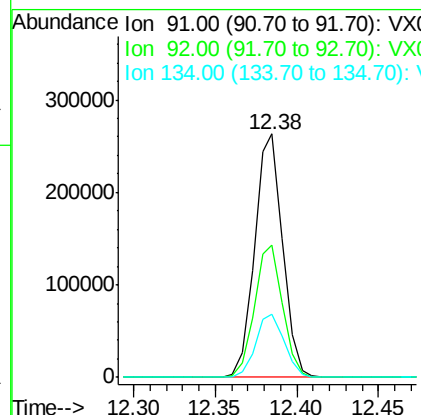
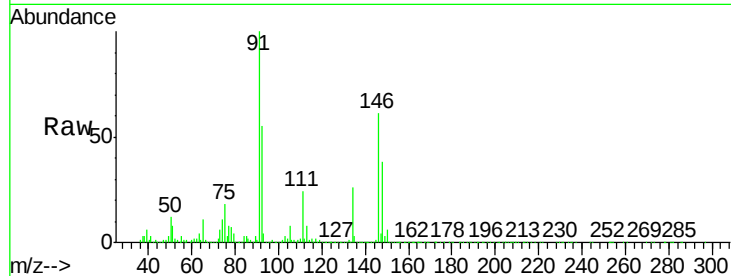
#89
n-Butylbenzene
Concen: 18.954 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.6	82.7
134	26.7	13.3	39.8

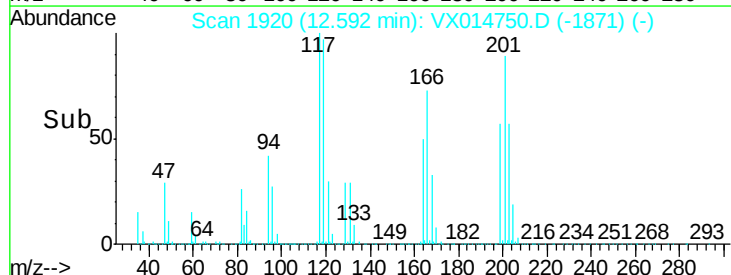
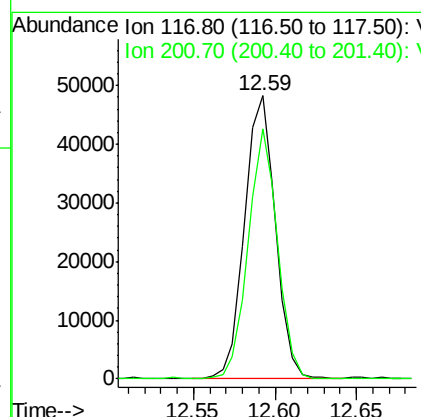
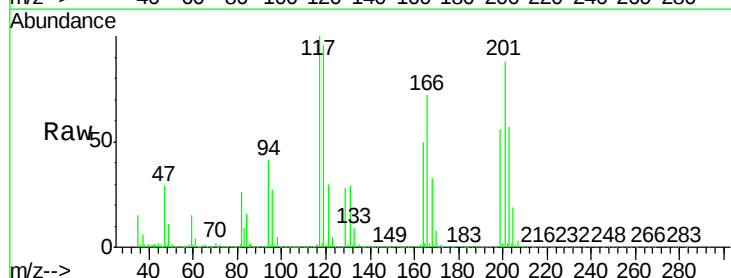
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#90
Hexachloroethane
Concen: 17.875 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	44.4	133.1





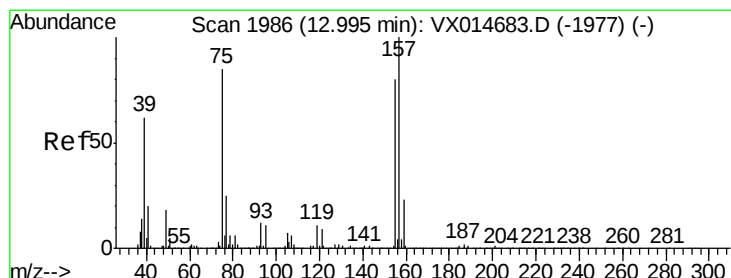
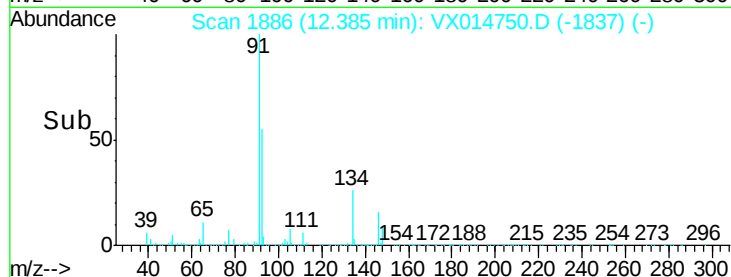
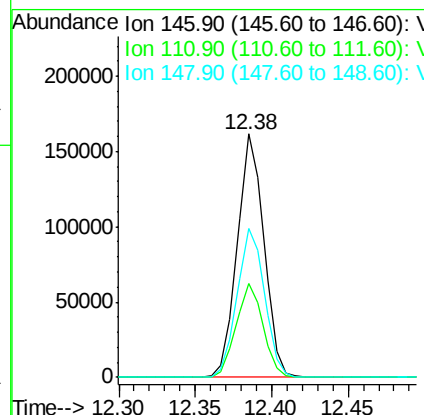
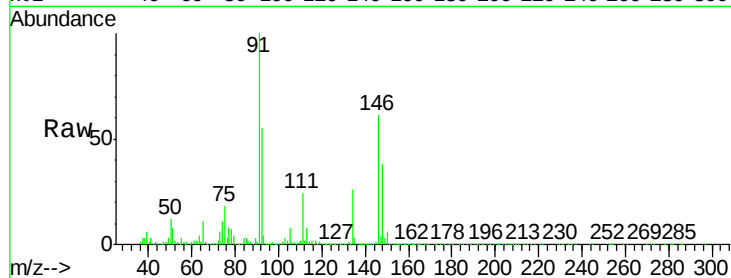
#91
 1,2-Dichlorobenzene
 Concen: 18.918 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	62.9	31.9	95.9

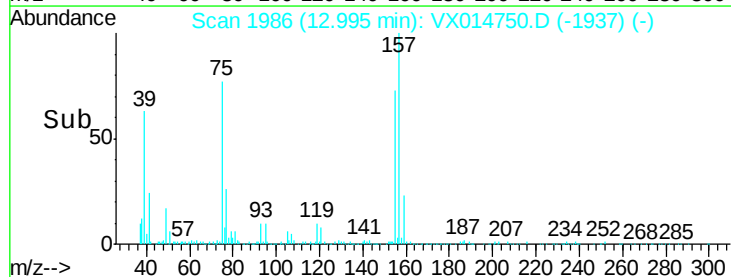
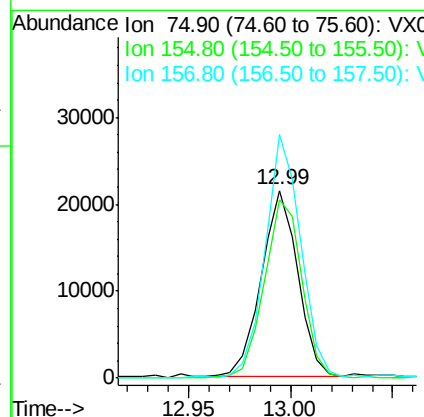
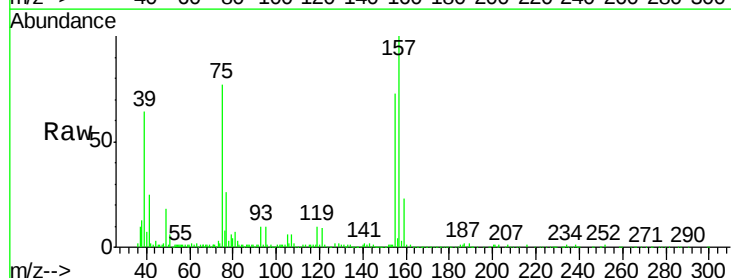
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.292 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014750.D
 Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	45.6	136.9
157	127.9	60.3	180.9





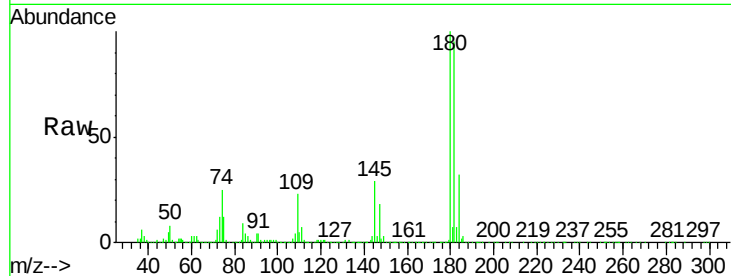
#93
1,2,4-Trichlorobenzene
Concen: 19.167 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

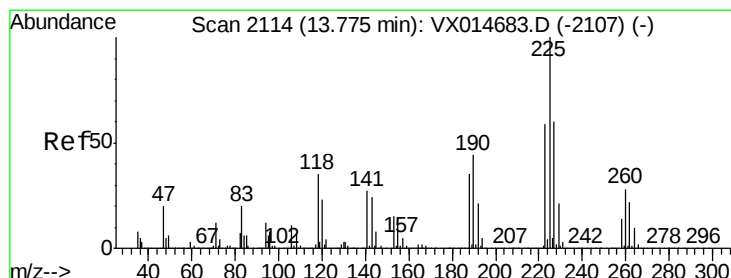
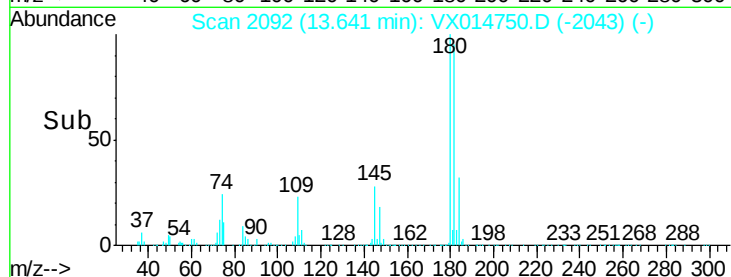
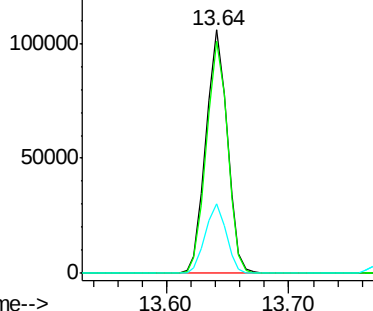
Tot Ion	Ratio	Resp	Lower	Upper
180	100	127738		
182	94.3	48.5	145.6	
145	28.0	14.0	41.9	

Manual Integrations
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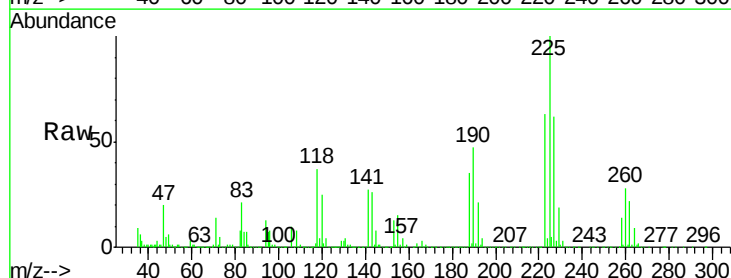


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

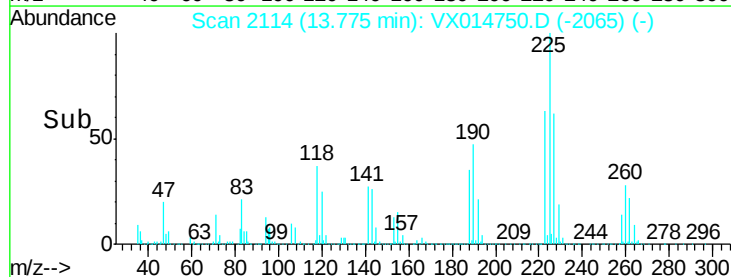
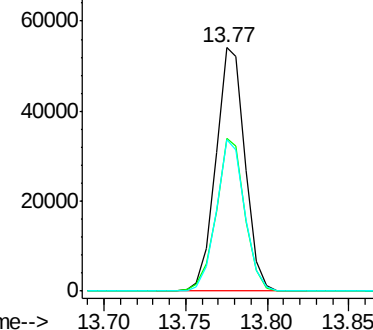


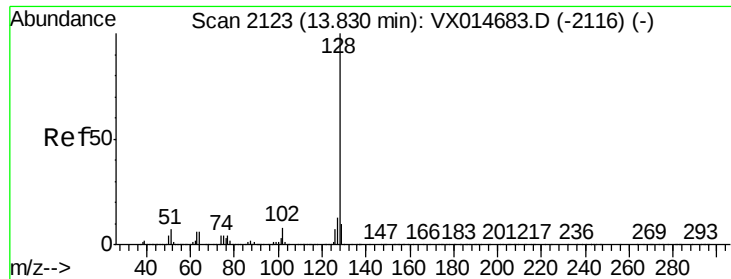
#94
Hexachlorobutadiene
Concen: 19.631 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67340		
223	61.4	30.6	91.8	
227	60.9	31.4	94.0	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





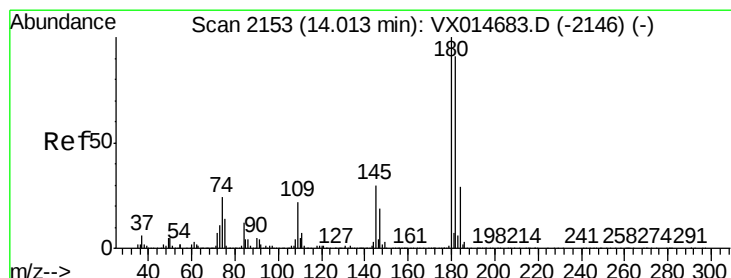
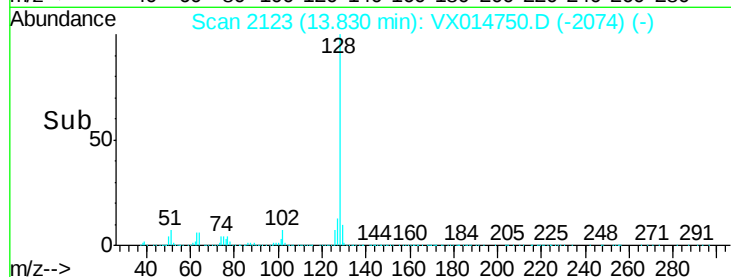
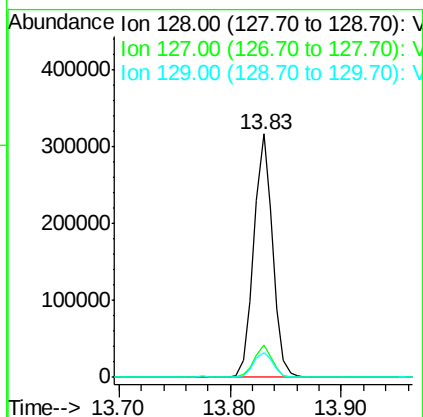
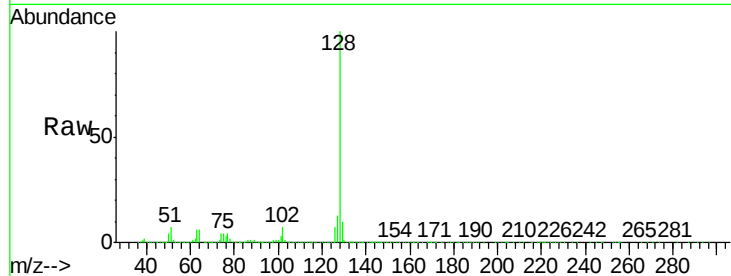
#95
Naphthalene
Concen: 17.874 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0128MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.212 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014750.D
Acq: 28 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.6	139.7
145	30.1	14.7	44.1

