

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014626.D
 Acq On : 15 Jan 2020 18:10
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:42:27 AM

Quant Time: Jan 16 03:14:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	74306	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	404915	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	371348	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	155652	29.80	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.33%
60) 4-Bromofluorobenzene	11.13	95	176106	29.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.80%
63) Toluene-d8	8.71	98	509520	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	105361	20.517	ug/l 98
3) Chloromethane	1.32	50	116382	20.700	ug/l 94
4) Vinyl Chloride	1.40	62	127103	20.134	ug/l 97
5) Bromomethane	1.64	94	74518	18.916	ug/l 96
6) Chloroethane	1.72	64	70996	19.950	ug/l 97
7) Trichlorofluoromethane	1.93	101	138967	19.881	ug/l 100
8) Diethyl Ether	2.18	74	61581	20.170	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81802	20.003	ug/l 99
10) 1,1-Dichloroethene	2.37	96	81635	19.846	ug/l 94
11) Methyl Iodide	2.50	142	98800	17.910	ug/l 98
12) Methyl Acetate	2.76	43	152947	20.583	ug/l 99
13) Acrolein	2.28	56	69918	89.580	ug/l 96
14) Acrylonitrile	3.13	53	255429	100.459	ug/l 99
15) Acetone	2.43	58	74312	87.180	ug/l 76
16) Carbon Disulfide	2.56	76	216951	19.204	ug/l 98
17) Allyl chloride	2.72	41	146898	19.296	ug/l 96
18) Methylene Chloride	2.85	84	96369	20.018	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	87037	19.656	ug/l 99
20) Diisopropyl ether	3.84	45	304142	20.193	ug/l 98
21) 1,1-Dichloroethane	3.69	63	159994	19.553	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	99172	19.490	ug/l 96
23) tert-Butyl Alcohol	3.03	59	105549	100.377	ug/l # 99
24) Methyl tert-Butyl Ether	3.18	73	271947	19.865	ug/l 98
25) Chloroform	5.20	83	154227	19.458	ug/l 100
26) Cyclohexane	5.57	56	149197	19.768	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	117191	19.734	ug/l 99
30) 2-Butanone	4.65	43	356508	94.772	ug/l 100
31) 2,2-Dichloropropane	4.58	77	123484	19.434	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	132295	20.137	ug/l 99
33) Carbon Tetrachloride	5.78	117	110163	19.531	ug/l 99
34) Benzene	6.14	78	368031	20.056	ug/l 99
35) Methacrylonitrile	5.03	41	72931	19.412	ug/l 97
36) 1,2-Dichloroethane	6.18	62	127989	20.042	ug/l 98
37) Trichloroethene	7.21	130	101386	20.179	ug/l 96
38) Methylcyclohexane	7.46	83	144597	19.556	ug/l 99
39) 1,2-Dichloropropane	7.51	63	94801	19.867	ug/l 94
40) Dibromomethane	7.65	93	60143	19.612	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	115313	19.202	ug/l	99
42) Vinyl Acetate	3.80	43	1171859	101.070	ug/l	99
43) Ethyl Acetate	4.82	43	134877	19.806	ug/l	100
44) Isopropyl Acetate	6.43	43	218305	19.872	ug/l	99
45) 1,4-Dioxane	7.73	88	46858	426.418	ug/l	97
46) Methyl methacrylate	7.76	41	106926	19.793	ug/l	98
47) n-amyl Acetate	10.89	43	177120	19.242	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	124483	18.986	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	142156	19.242	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	92885	19.905	ug/l	98
51) Ethyl methacrylate	9.17	69	139928	19.259	ug/l	97
52) 1,3-Dichloropropane	9.37	76	159288	20.147	ug/l	100
53) Dibromochloromethane	9.57	129	92281	19.334	ug/l	98
54) 1,2-Dibromoethane	9.67	107	97609	20.169	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	314978	94.328	ug/l	98
56) Bromoform	10.85	173	66628	18.123	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	702932	100.518	ug/l	99
59) 2-Hexanone	9.48	43	527075	97.456	ug/l	99
61) Tetrachloroethene	9.33	164	103716	18.896	ug/l	96
62) Toluene	8.78	91	393509	19.973	ug/l	99
64) Chlorobenzene	10.14	112	244353	19.868	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	87730	19.313	ug/l	100
66) Ethyl Benzene	10.25	91	427850	19.938	ug/l	100
67) m/p-Xylenes	10.35	106	320848	39.033	ug/l	99
68) o-Xylene	10.70	106	153255	19.147	ug/l	98
69) Styrene	10.71	104	264316	19.490	ug/l	99
70) Isopropylbenzene	11.01	105	412770	19.684	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	137324	19.441	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	119174m	19.724	ug/l	
73) Bromobenzene	11.25	156	107352	19.312	ug/l	99
74) n-propylbenzene	11.35	91	465117	19.411	ug/l	99
75) 2-Chlorotoluene	11.42	91	279093	19.434	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	347878	19.909	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	40802	17.546	ug/l	94
78) 4-Chlorotoluene	11.51	91	316048	19.378	ug/l	99
79) tert-butylbenzene	11.76	119	324383	19.841	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	344755	19.782	ug/l	100
81) sec-Butylbenzene	11.94	105	396495	19.598	ug/l	100
82) p-Isopropyltoluene	12.06	119	358399	19.405	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	187796	19.349	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	183113	19.029	ug/l	100
85) n-Butylbenzene	12.39	91	299940	18.561	ug/l	100
86) Hexachloroethane	12.59	117	61325	18.516	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	185843	18.976	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29392	19.479	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	121043	18.725	ug/l	100
90) Hexachlorobutadiene	13.78	225	61713	19.106	ug/l	99
91) Naphthalene	13.83	128	380963	19.524	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	126983	19.299	ug/l	98

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ClientSampleId :
VSTDCCC020EC

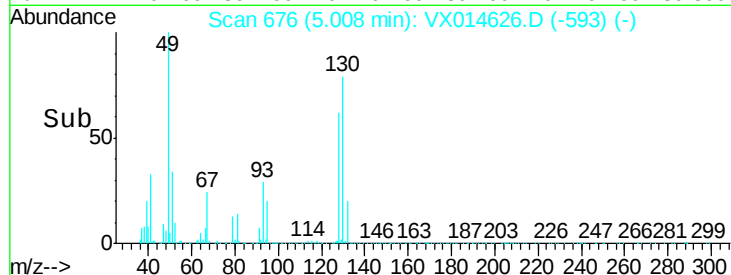
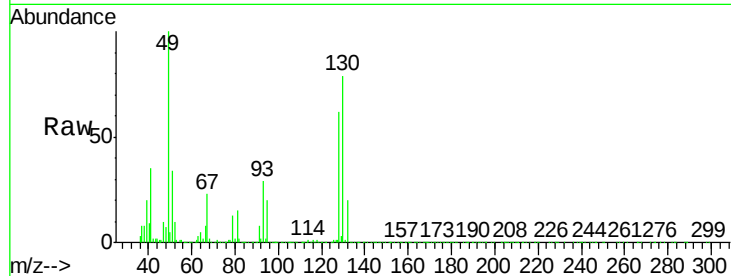
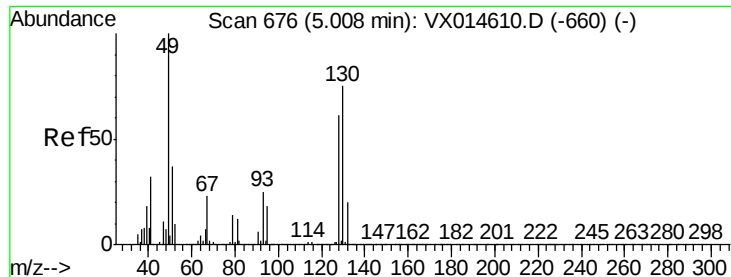
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014626.D

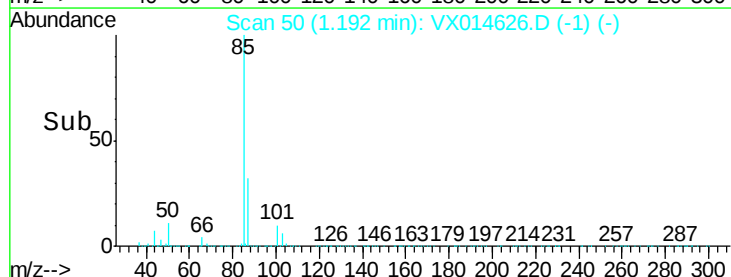
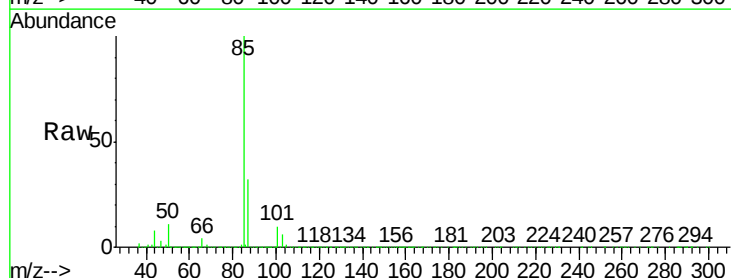
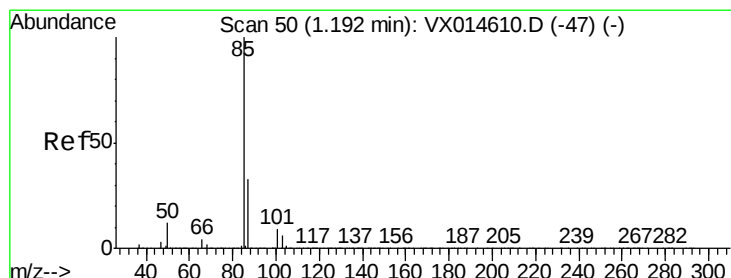
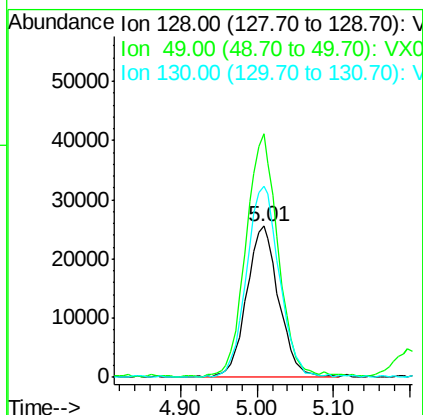
Acq: 15 Jan 2020 18:10

Tot Ion:	128	Resp:	74306
Ion	Ratio	Lower	Upper
128	100		
49	162.0	0.0	405.0
130	128.9	0.0	321.5

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#2

Dichlorodifluoromethane

Concen: 20.517 ug/l

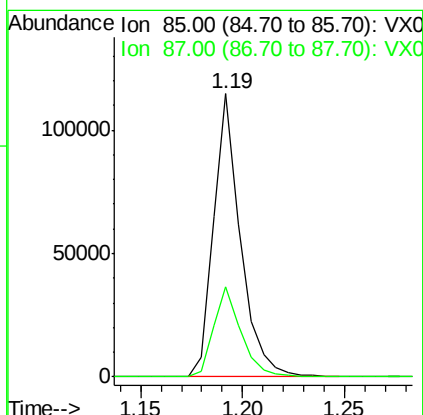
RT: 1.19 min Scan# 50

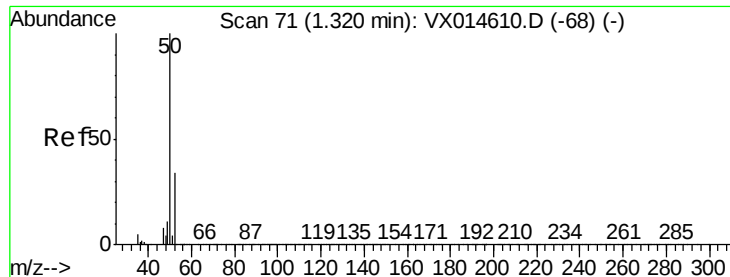
Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:	85	Resp:	105361
Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.3	48.9





#3

Chloromethane

Concen: 20.700 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 116382

Ion Ratio Lower Upper

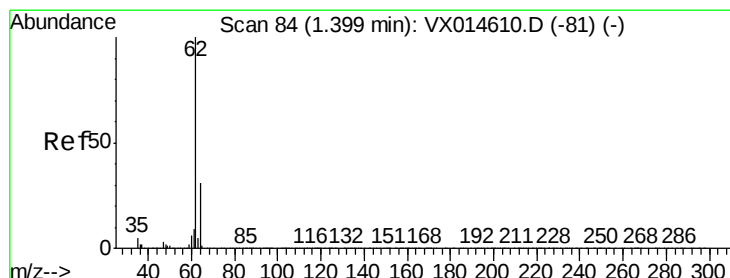
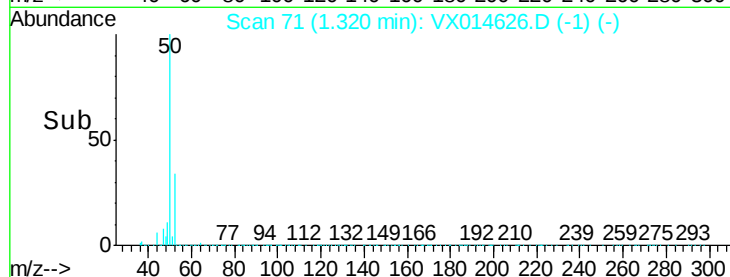
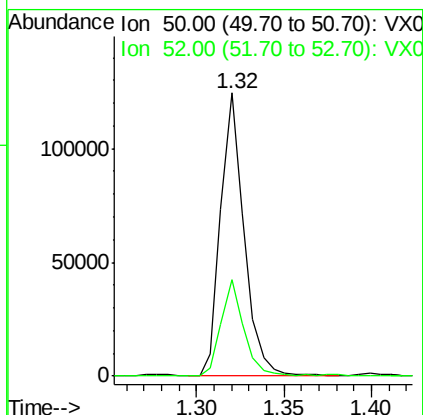
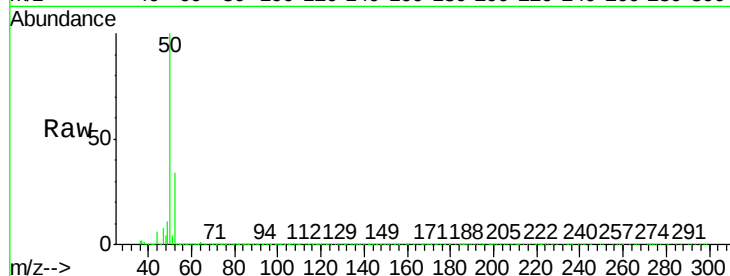
50 100

52 33.9 24.3 36.5

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#4

Vinyl Chloride

Concen: 20.134 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014626.D

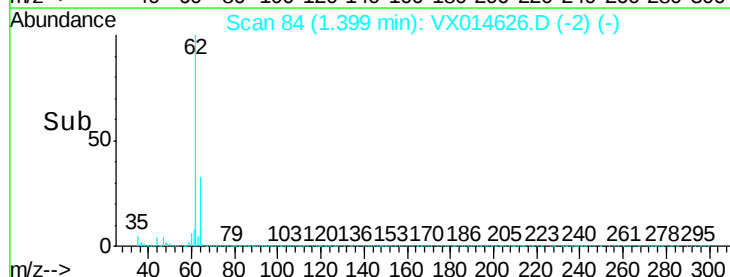
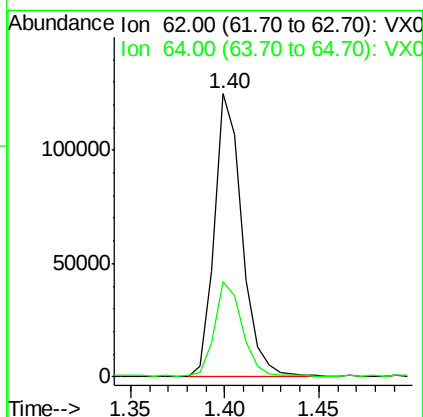
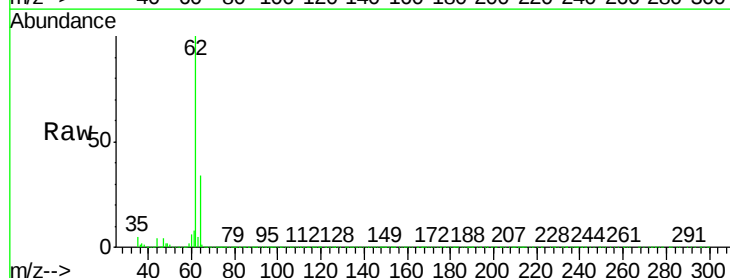
Acq: 15 Jan 2020 18:10

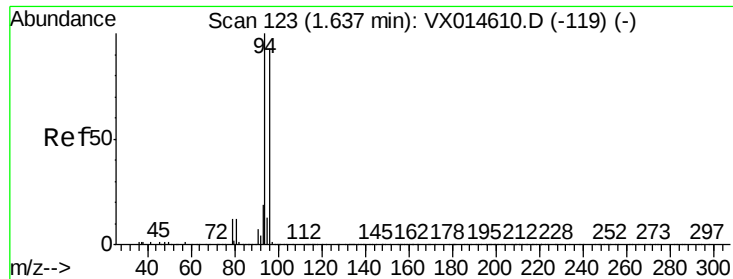
Tgt Ion: 62 Resp: 127103

Ion Ratio Lower Upper

62 100

64 33.3 25.2 37.8





#5

Bromomethane

Concen: 18.916 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 74518

Ion Ratio Lower Upper

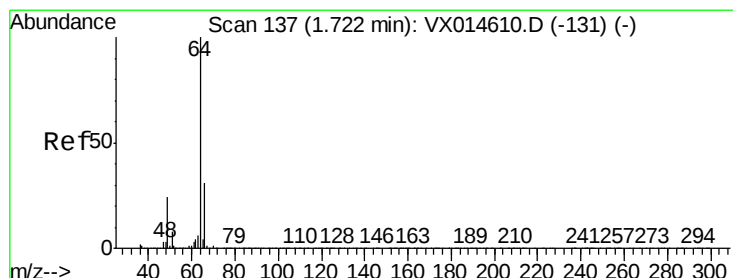
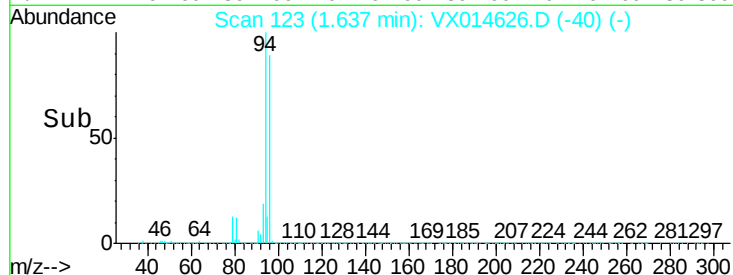
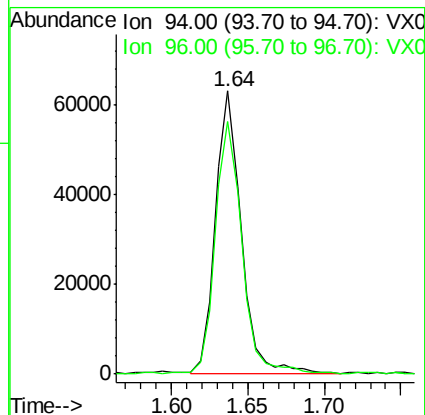
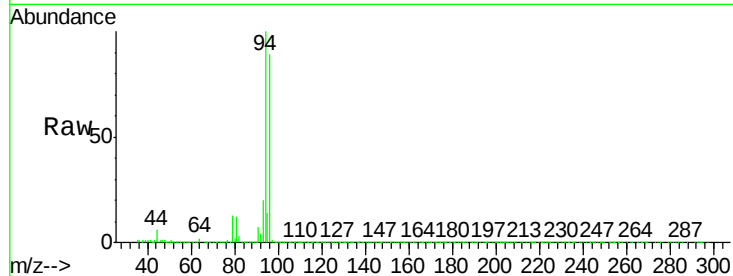
94 100

96 89.2 74.4 111.6

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#6

Chloroethane

Concen: 19.950 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014626.D

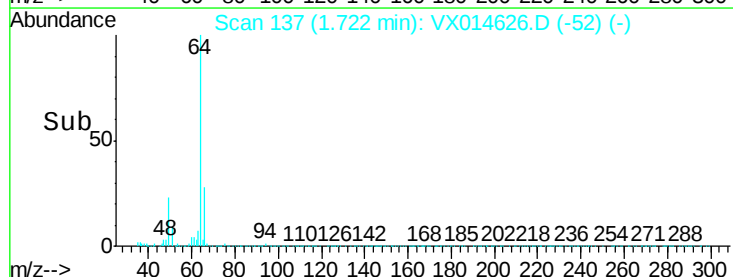
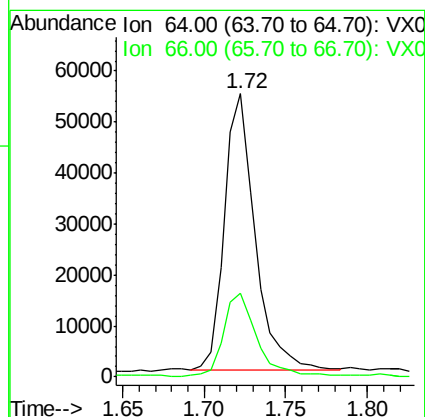
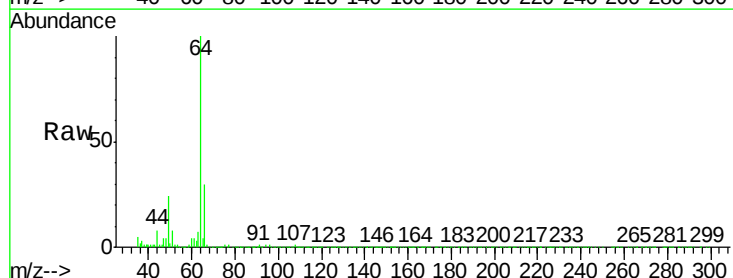
Acq: 15 Jan 2020 18:10

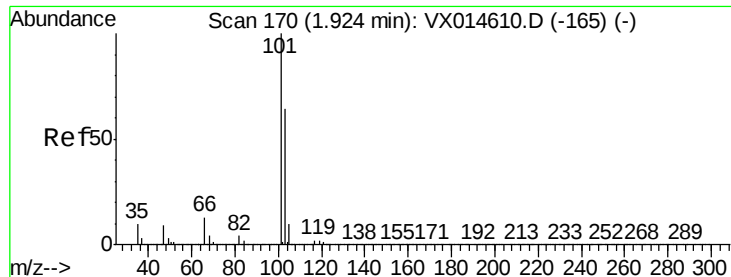
Tgt Ion: 64 Resp: 70996

Ion Ratio Lower Upper

64 100

66 29.8 25.2 37.8





#7

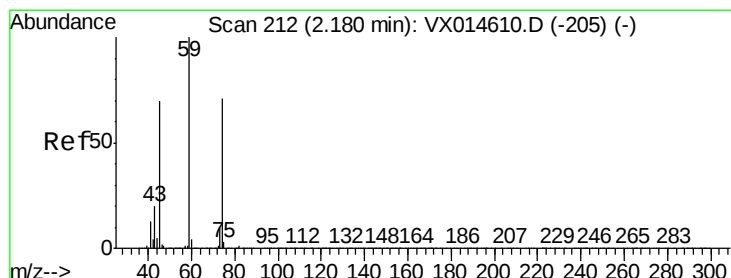
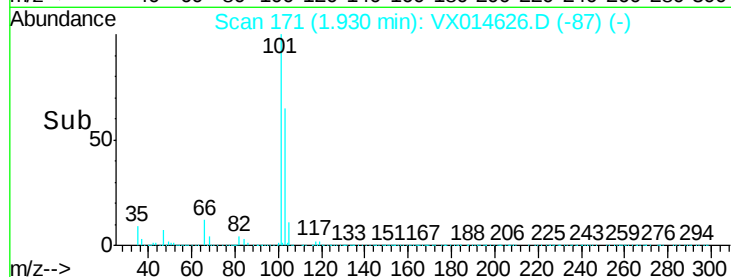
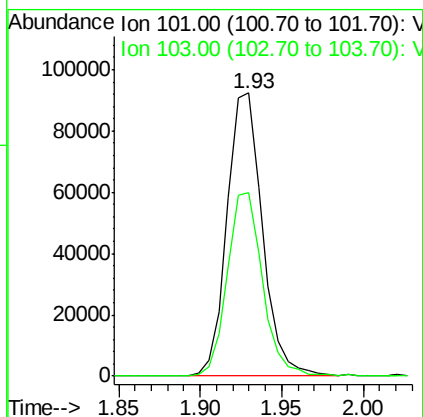
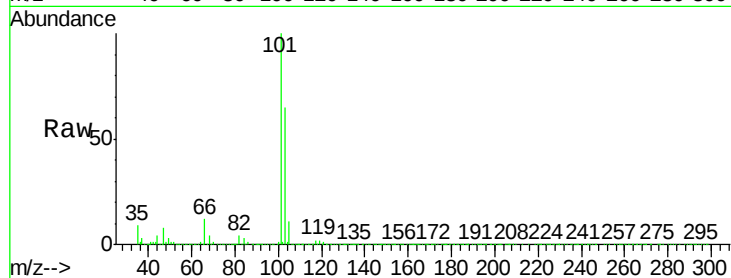
Trichlorofluoromethane
Concen: 19.881 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.6	77.4

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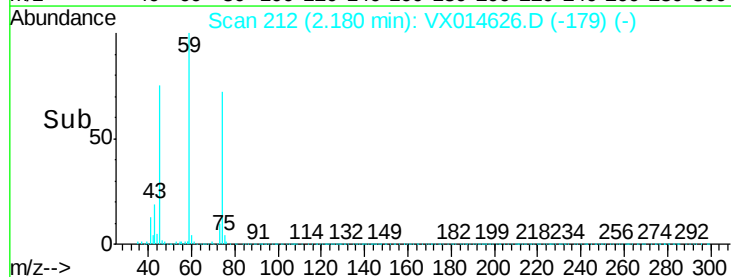
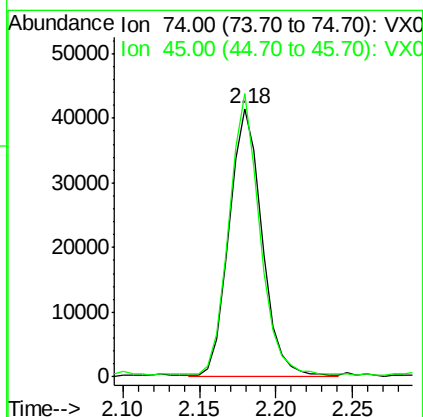
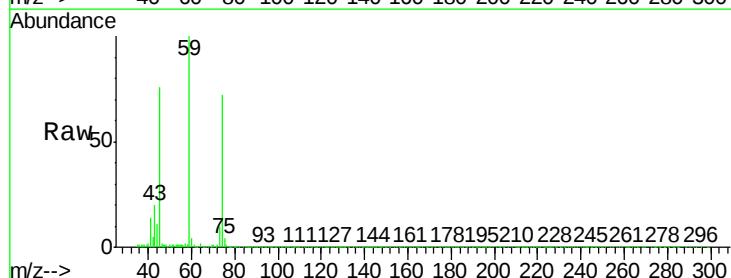
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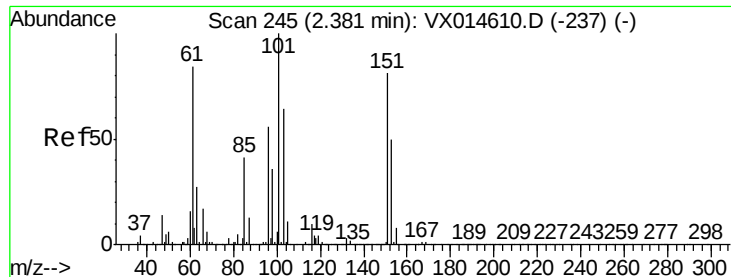


#8

Diethyl Ether
Concen: 20.170 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.003 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

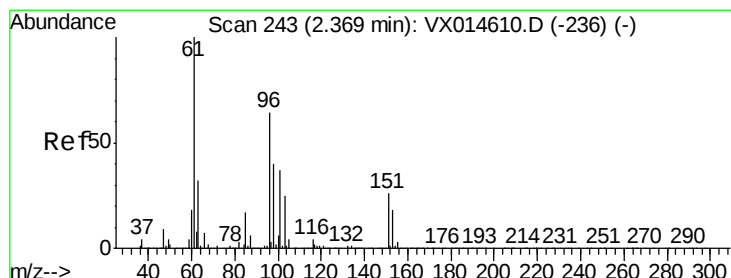
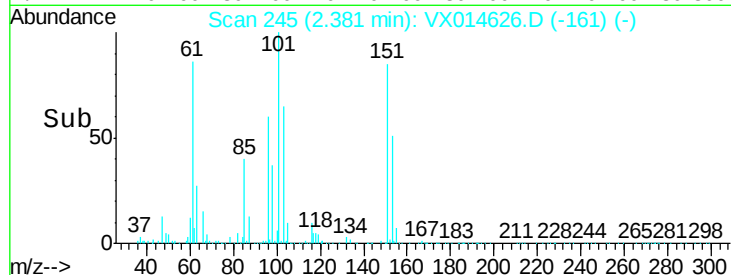
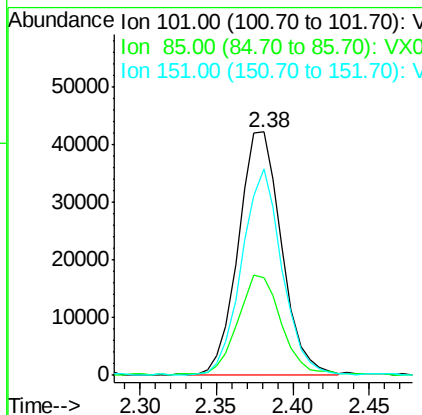
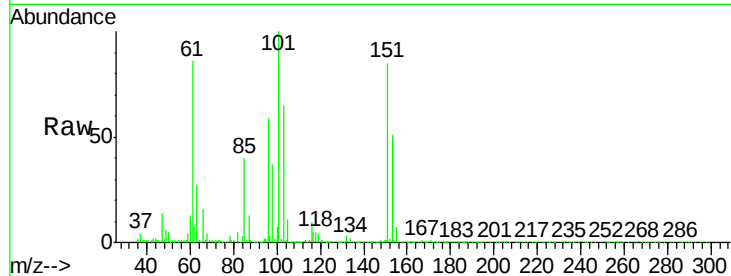
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	81802
Ion Ratio	Lower	Upper	
101	100		
85	40.4	0.0	85.6
151	79.9	0.0	159.4

Manual Integrations
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1/16/2020 9:42:27 AM



#10

1,1-Dichloroethene

Concen: 19.846 ug/l

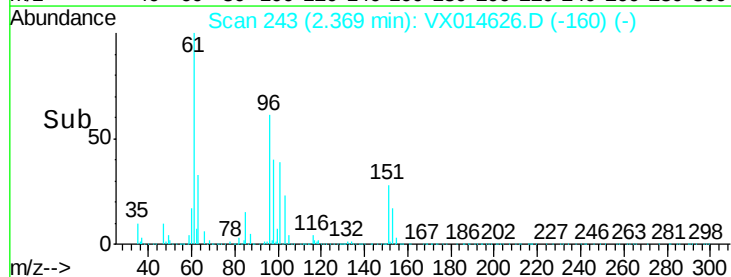
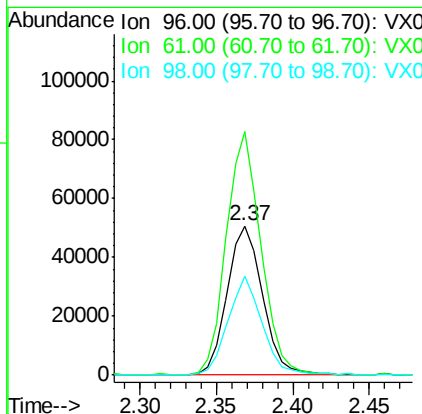
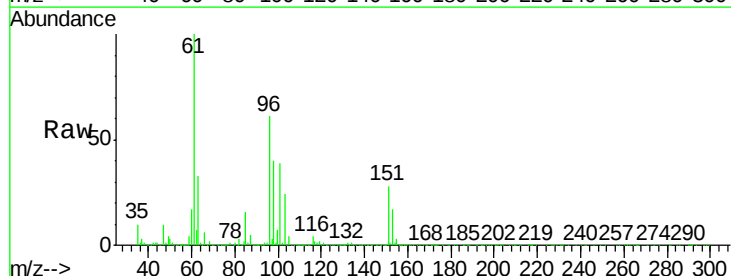
RT: 2.37 min Scan# 243

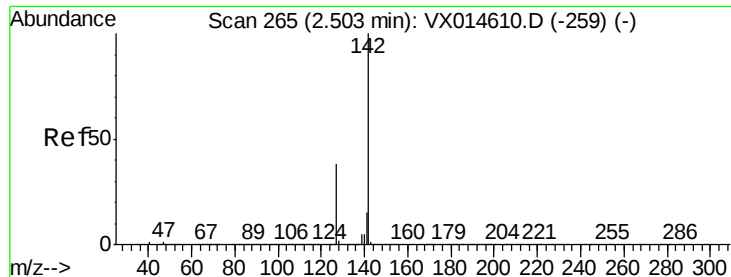
Delta R.T. 0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:	96	Resp:	81635
Ion Ratio	Lower	Upper	
96	100		
61	163.6	123.0	184.6
98	65.9	51.4	77.0





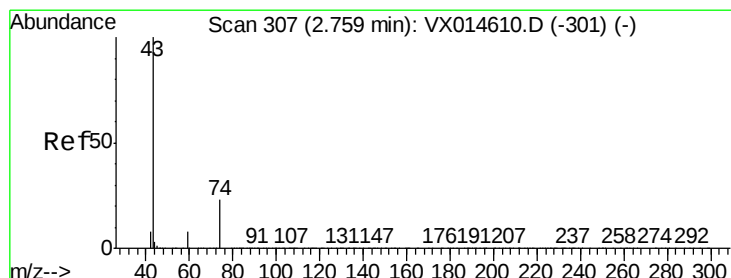
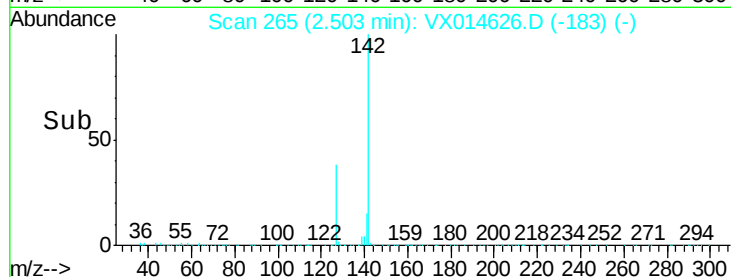
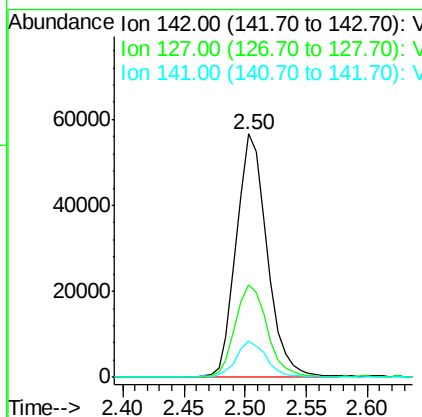
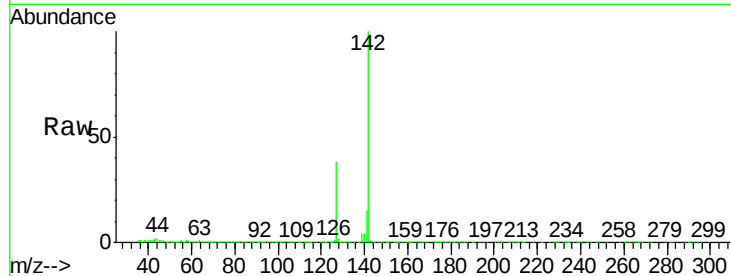
#11
Methvl Iodide
Concen: 17.910 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.1	19.5	58.5
141	14.8	7.0	20.9

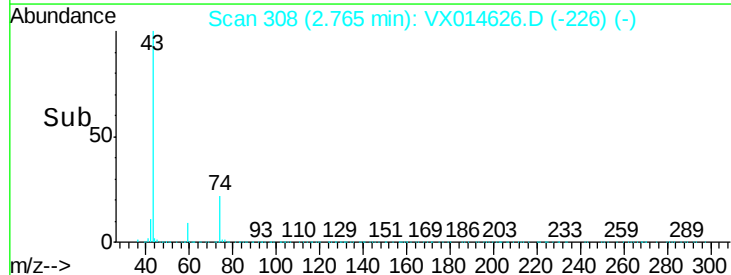
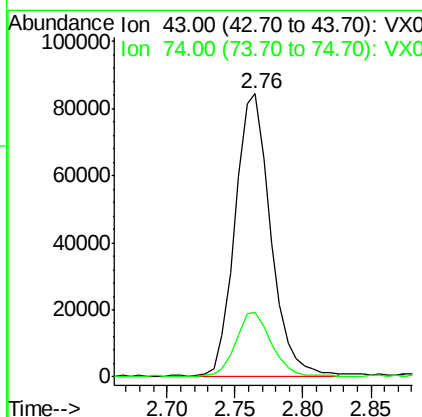
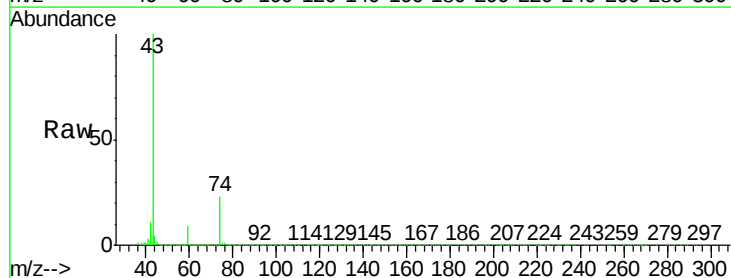
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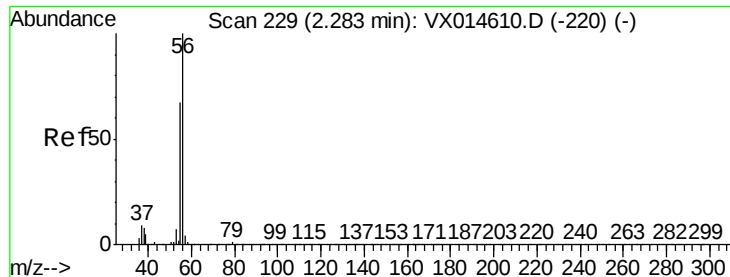
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#12
Methyl Acetate
Concen: 20.583 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.5	27.7





#13

Acrolein

Concen: 89.580 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 69918

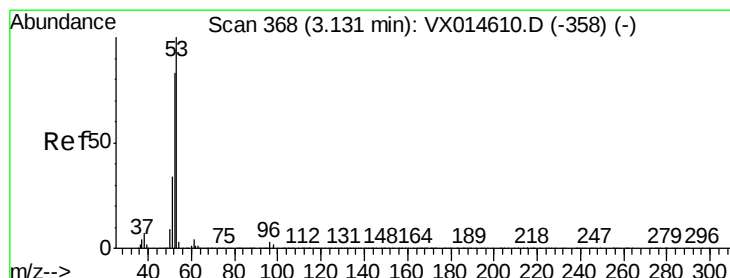
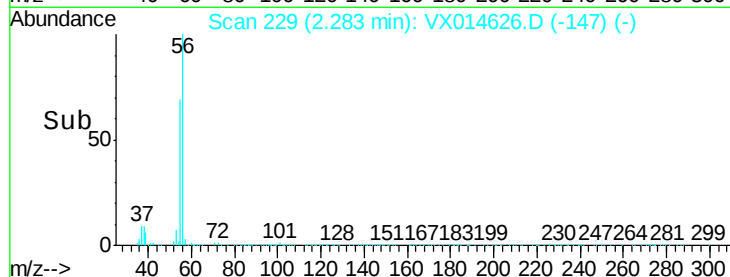
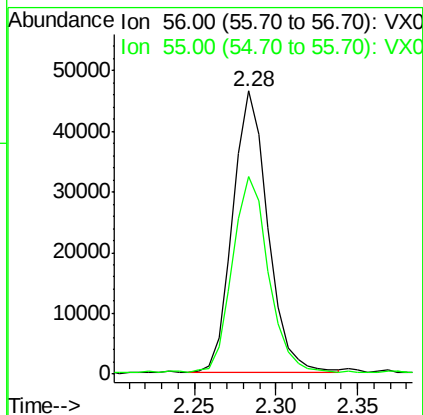
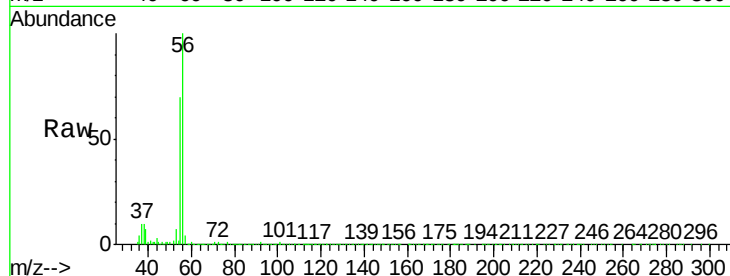
Ion Ratio Lower Upper

56 100

55 71.8 54.9 82.3

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#14

Acrylonitrile

Concen: 100.459 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

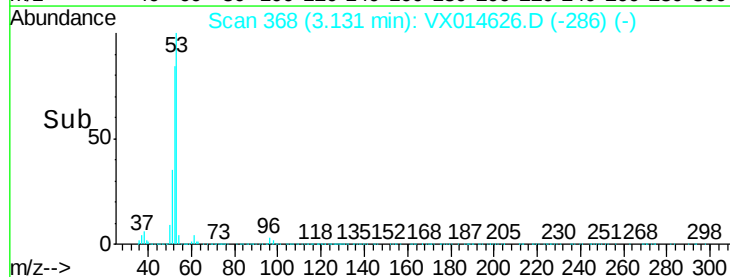
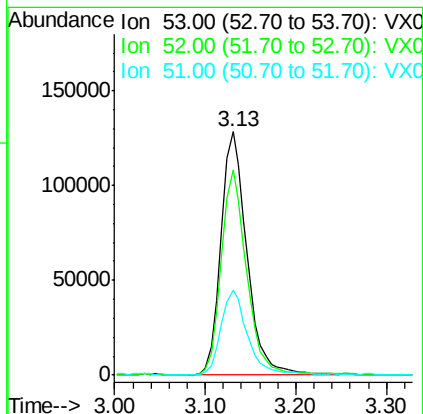
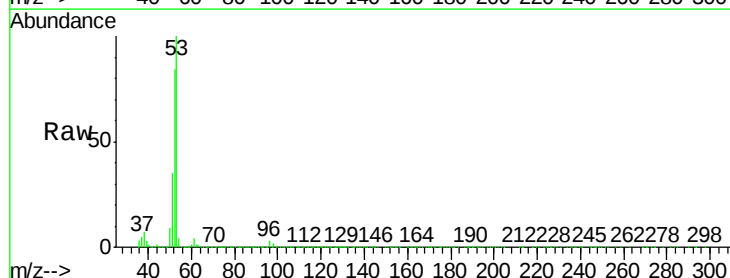
Tgt Ion: 53 Resp: 255429

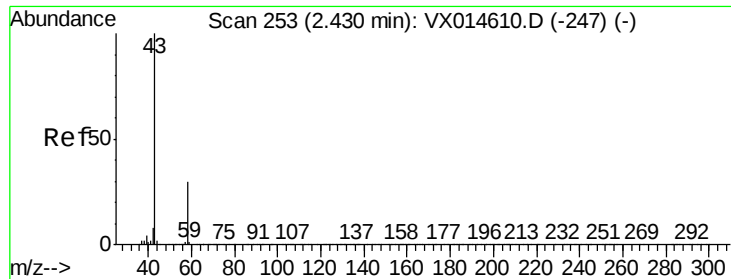
Ion Ratio Lower Upper

53 100

52 81.9 41.5 124.6

51 35.5 17.8 53.5





#15

Acetone

Concen: 87.180 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 74312

Ion Ratio Lower Upper

58 100

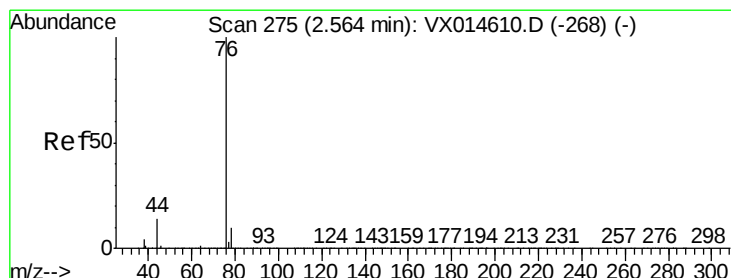
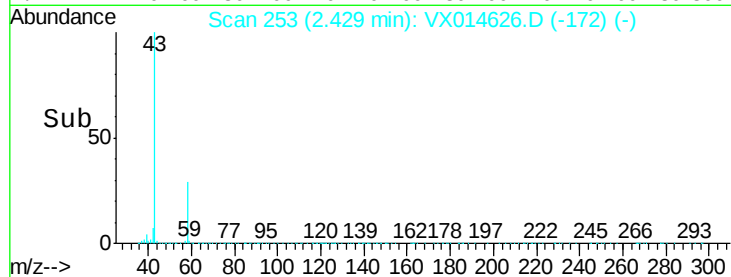
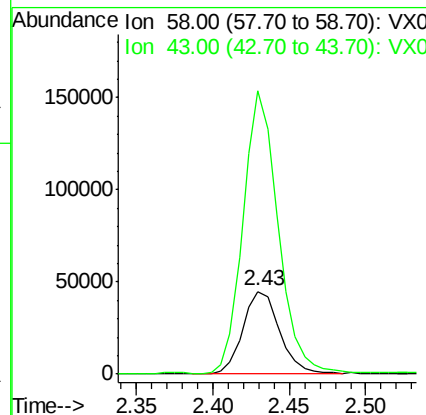
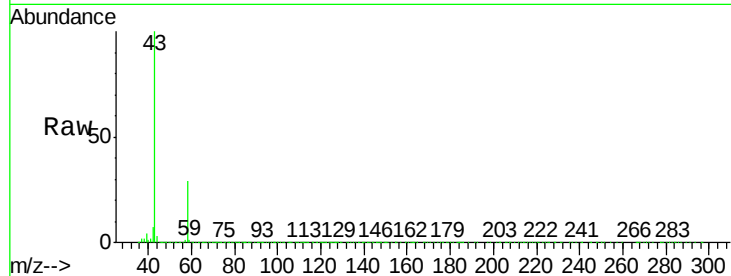
43 341.1 236.3 354.5

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#16

Carbon Disulfide

Concen: 19.204 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014626.D

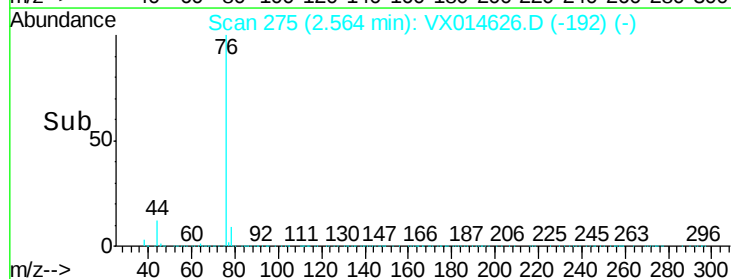
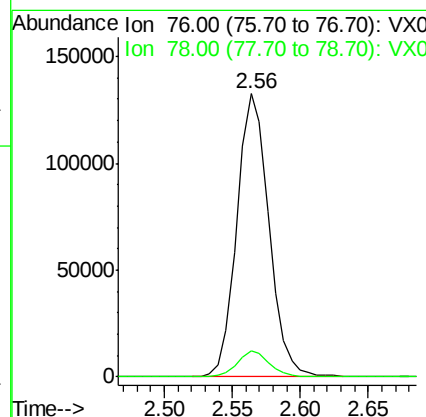
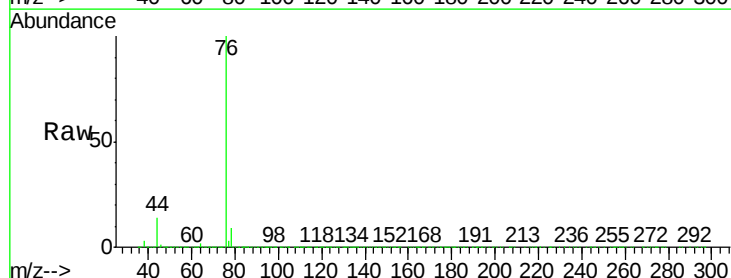
Acq: 15 Jan 2020 18:10

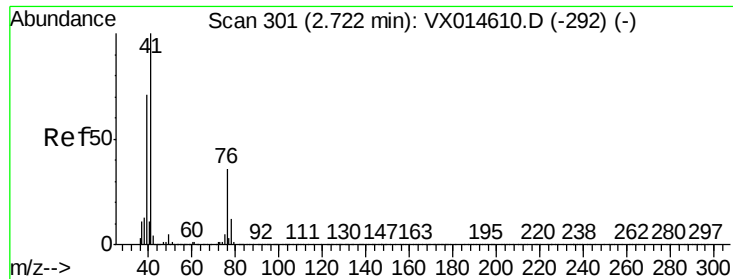
Tgt Ion: 76 Resp: 216951

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.8





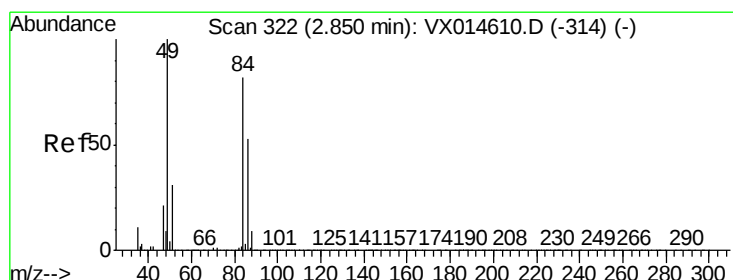
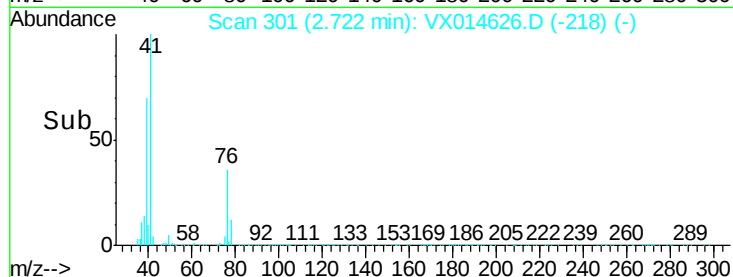
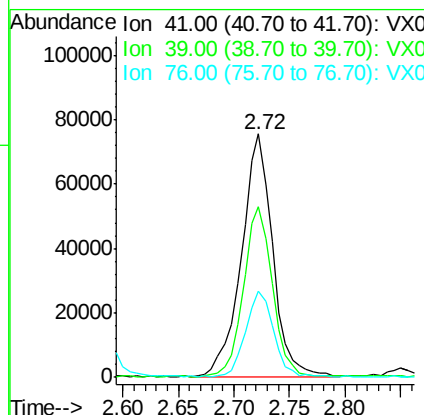
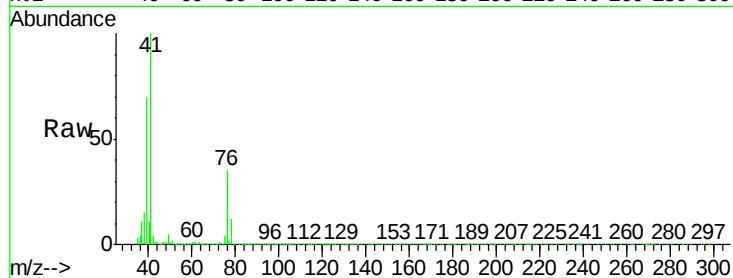
#17
Allvl chloride
Concen: 19.296 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.1	33.4	100.2
76	35.3	17.0	50.9

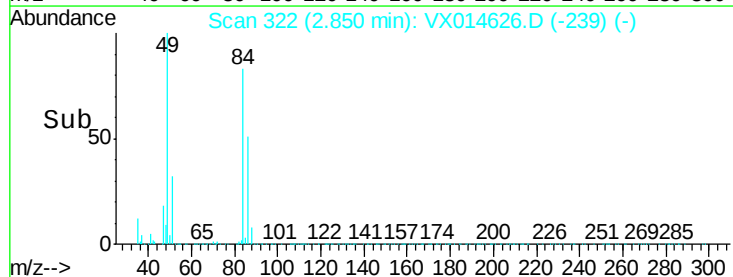
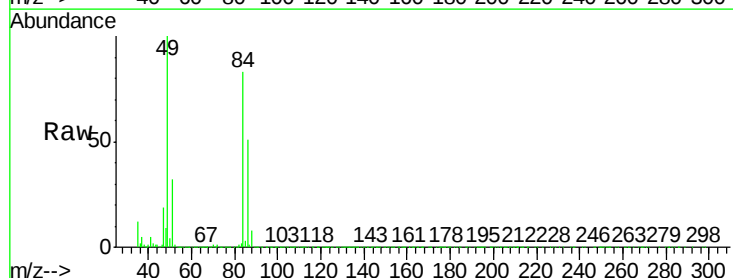
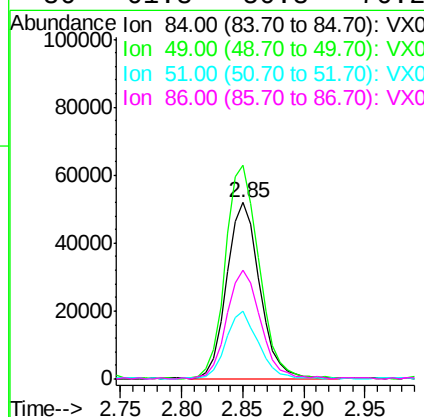
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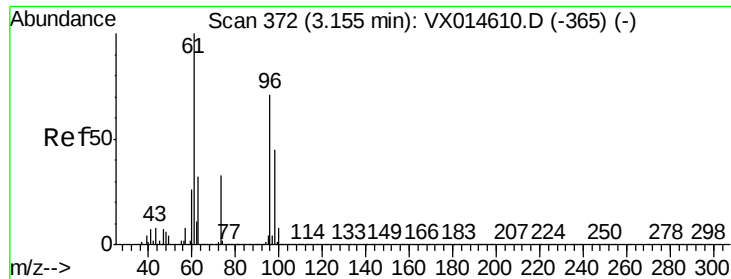
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#18
Methylene Chloride
Concen: 20.018 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	102.2	153.2
51	38.2	31.4	47.0
86	61.8	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.656 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

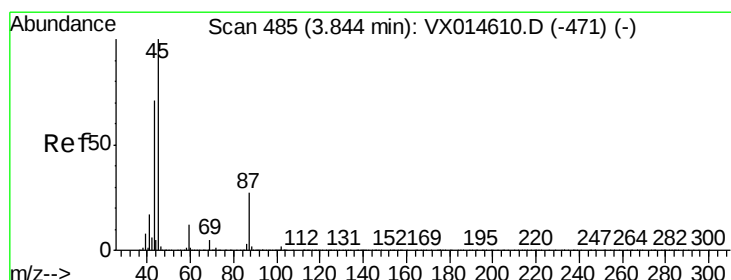
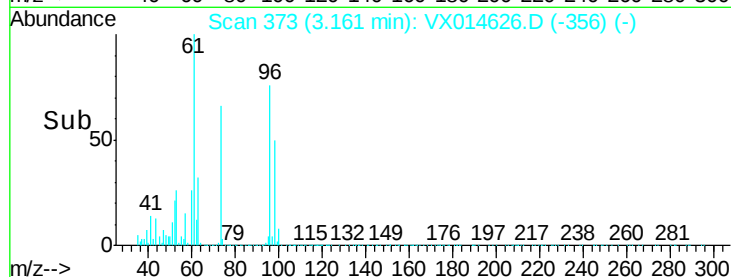
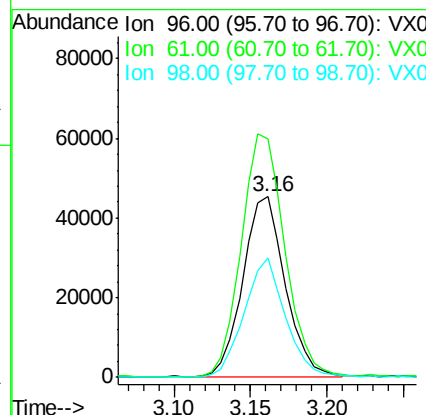
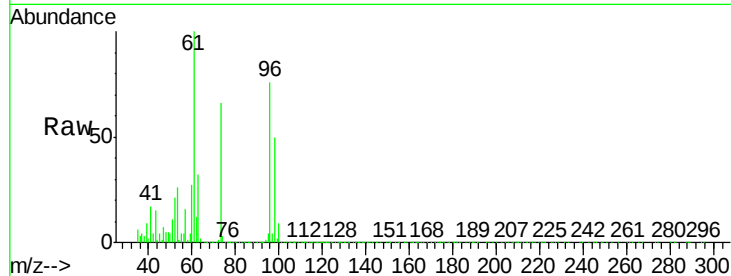
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	87037
Ion Ratio	Lower	Upper	
96	100		
61	131.8	106.6	159.8
98	65.5	51.6	77.4

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#20

Diisopropyl ether

Concen: 20.193 ug/l

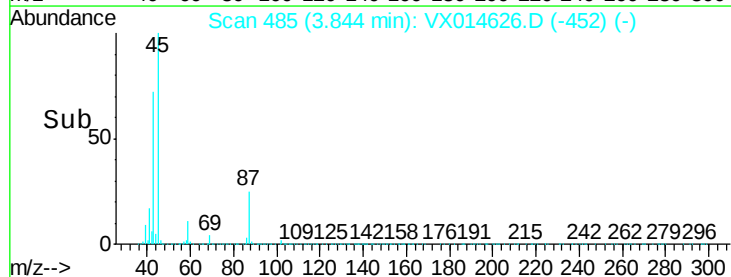
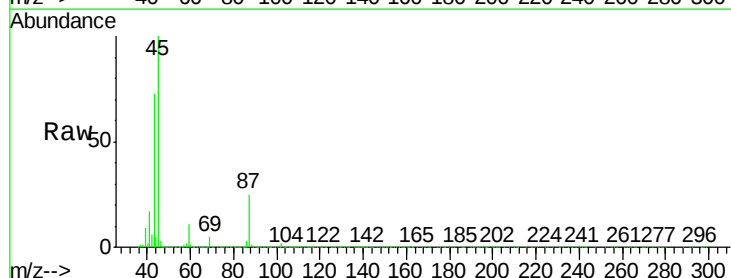
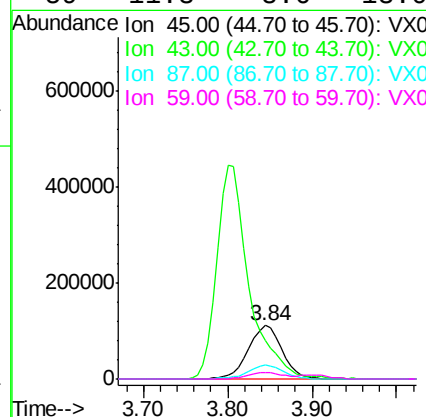
RT: 3.84 min Scan# 485

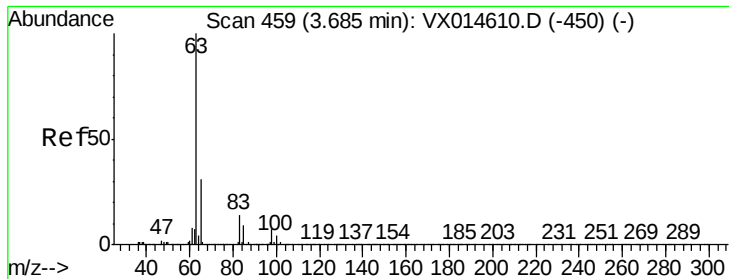
Delta R.T. -0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:	45	Resp:	304142
Ion Ratio	Lower	Upper	
45	100		
43	71.1	55.9	83.9
87	25.2	22.2	33.2
59	11.3	8.6	13.0





#21

1,1-Dichloroethane

Concen: 19.553 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

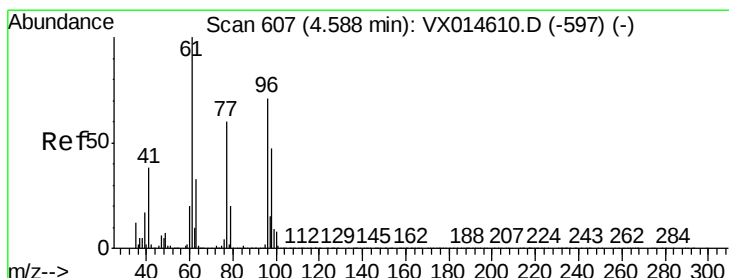
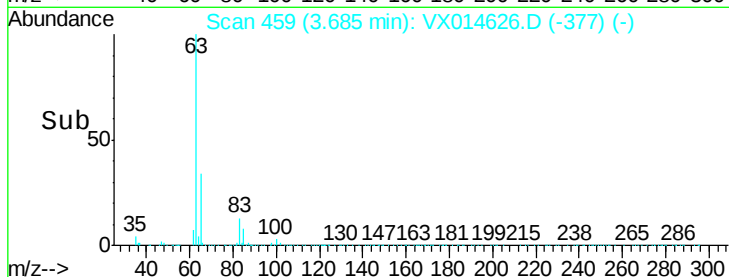
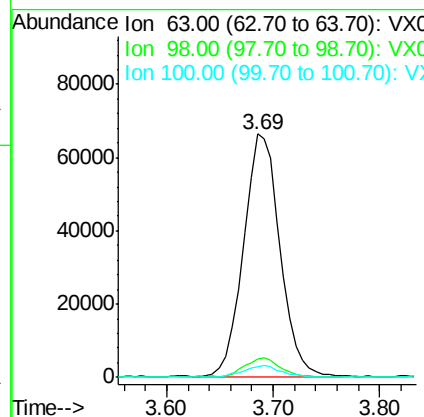
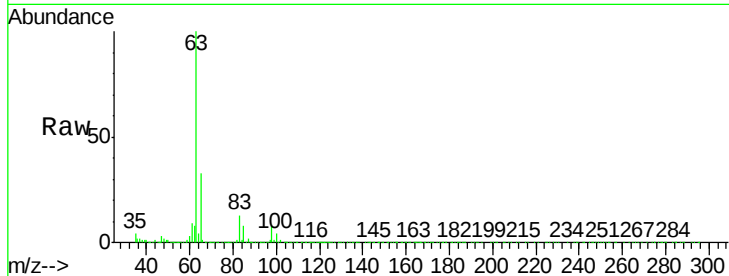
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	159994		
98	7.4	3.4	10.1	
100	4.1	2.5	7.4	

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#22

cis-1,2-Dichloroethene

Concen: 19.490 ug/l

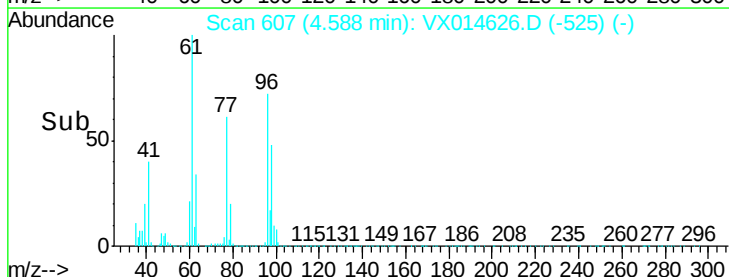
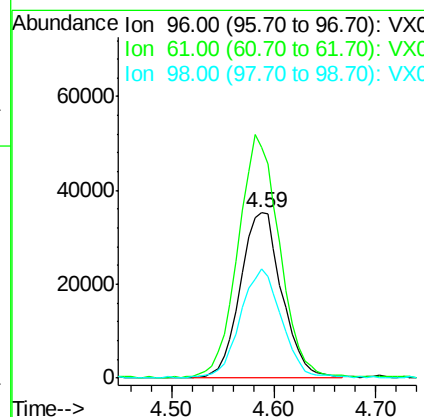
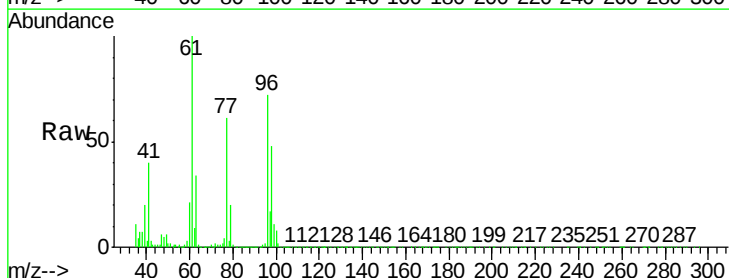
RT: 4.59 min Scan# 607

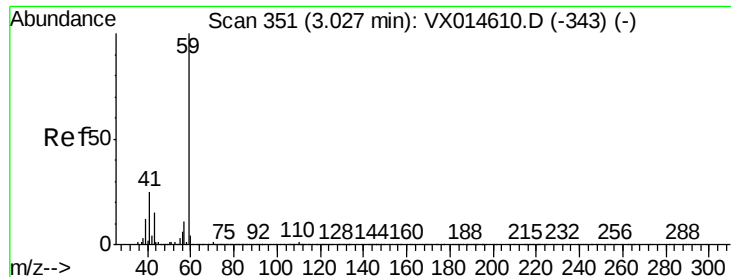
Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	99172		
61	146.3	112.4	168.6	
98	65.4	50.3	75.5	





#23

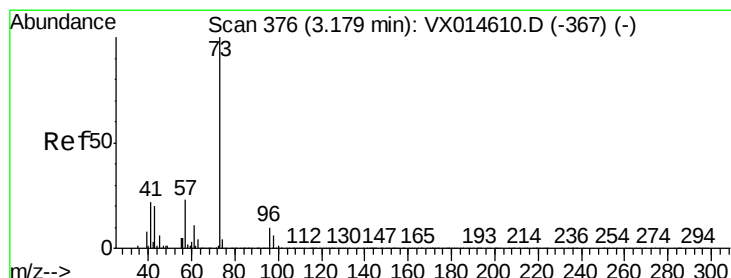
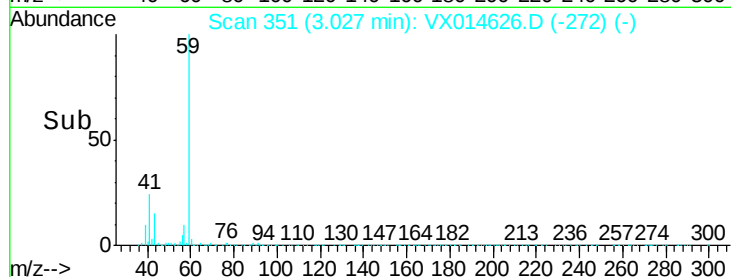
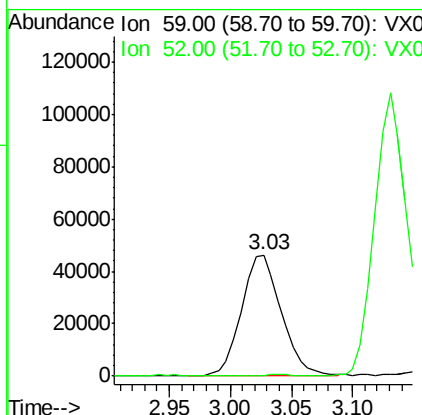
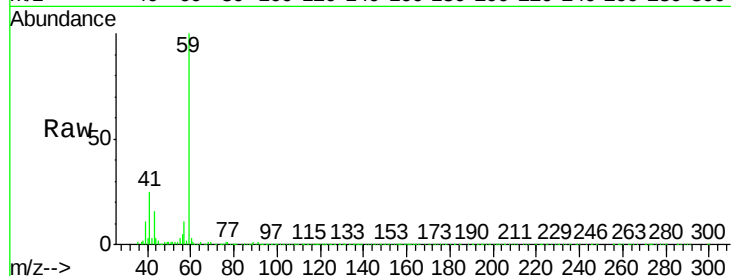
tert-Butyl Alcohol
Concen: 100.377 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.9	0.2	0.2#

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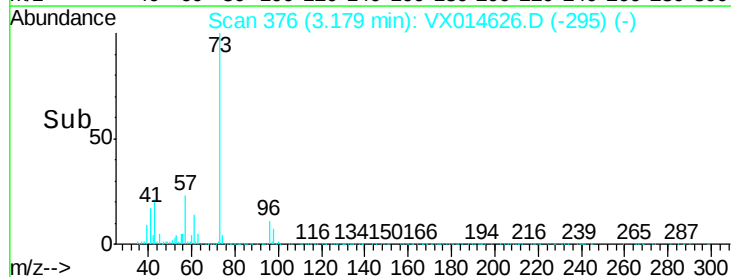
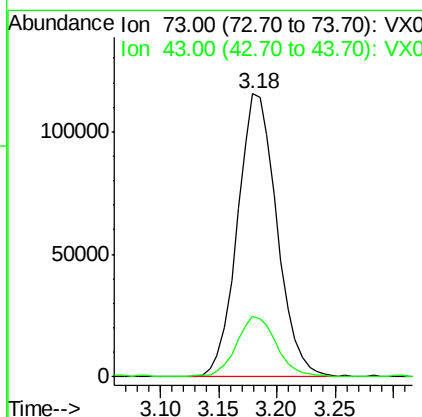
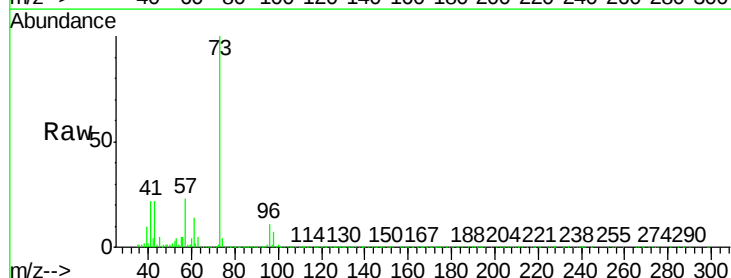
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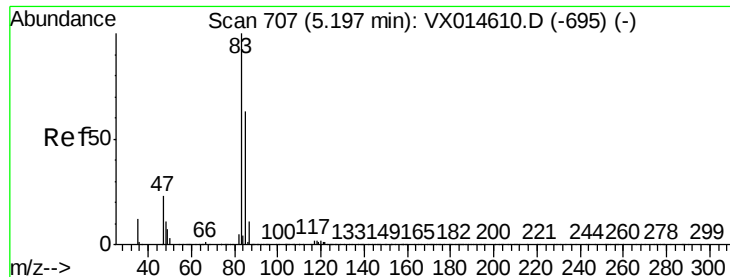


#24

Methyl tert-Butyl Ether
Concen: 19.865 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.6	16.6	25.0





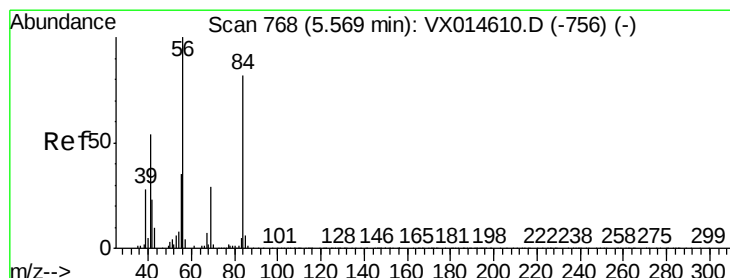
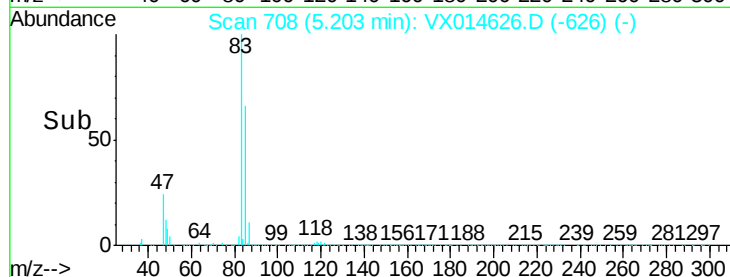
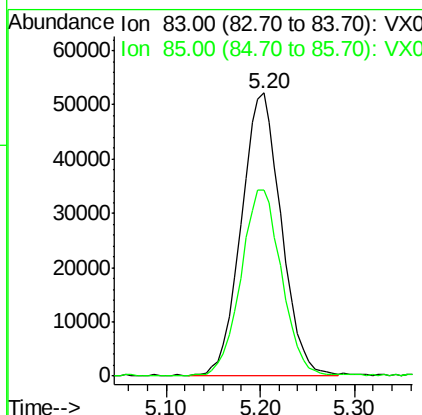
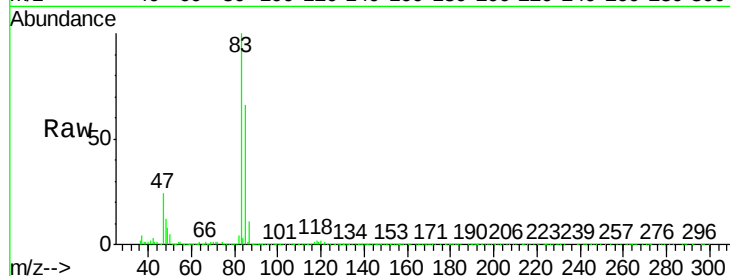
#25
Chloroform
Concen: 19.458 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 83 Resp: 154227
Ion Ratio Lower Upper
83 100
85 65.6 52.7 79.1

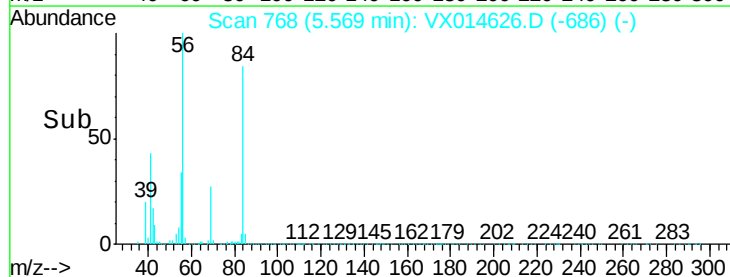
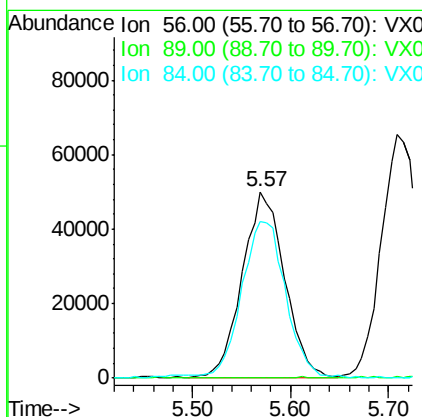
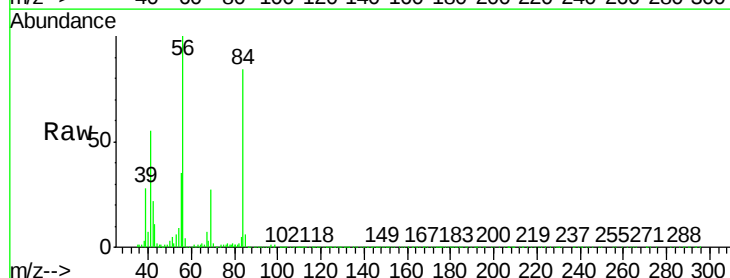
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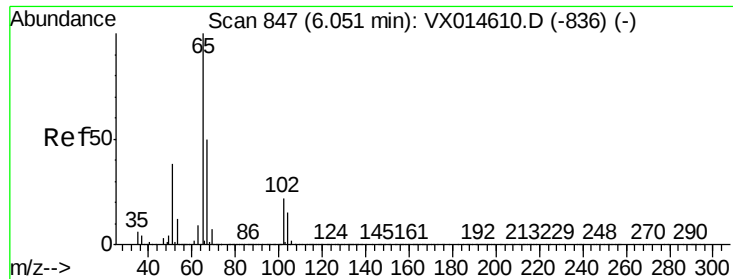
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#26
Cyclohexane
Concen: 19.768 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion: 56 Resp: 149197
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 86.8 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.802 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 155652

Ion Ratio Lower Upper

65 100

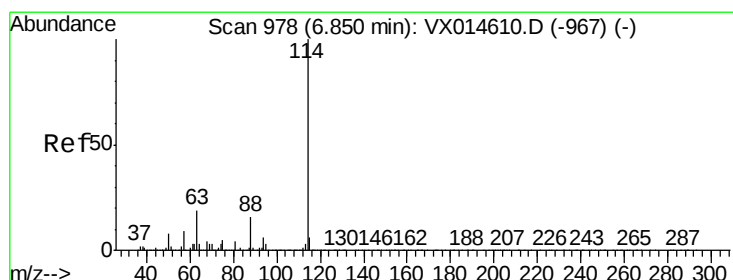
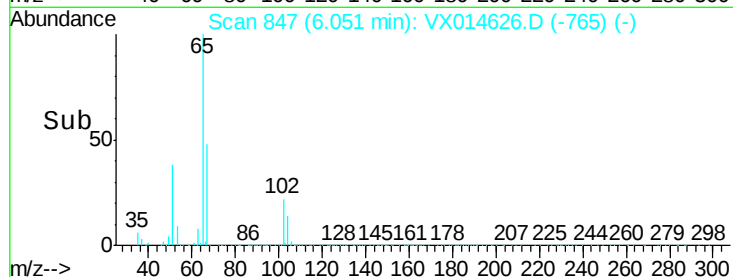
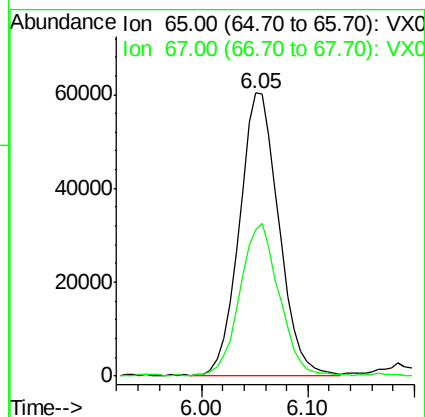
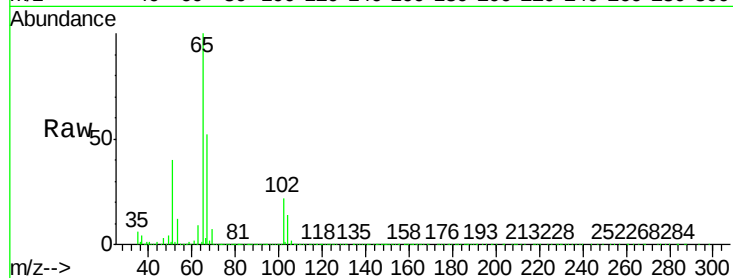
67 53.8 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

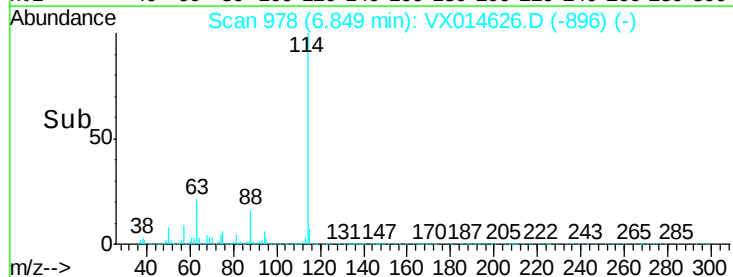
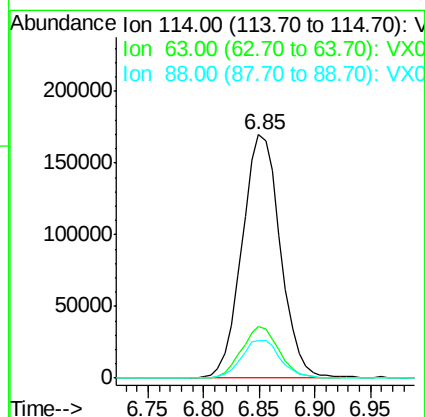
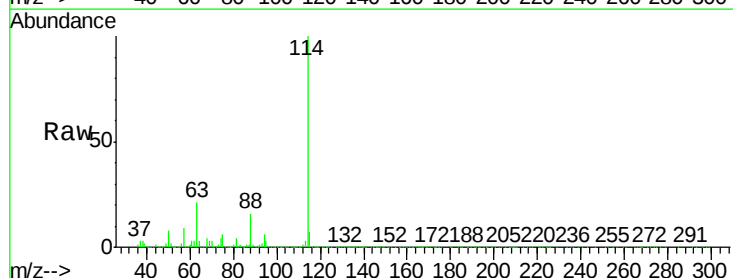
Tgt Ion: 114 Resp: 404915

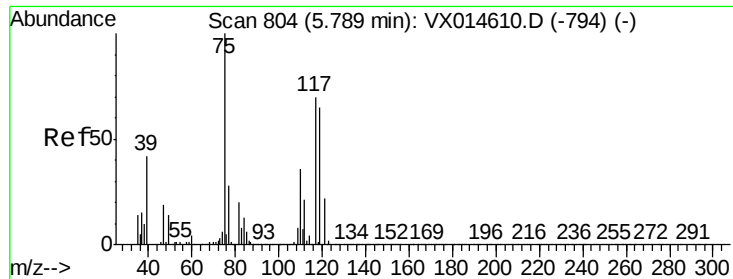
Ion Ratio Lower Upper

114 100

63 20.4 16.1 24.1

88 16.0 12.5 18.7





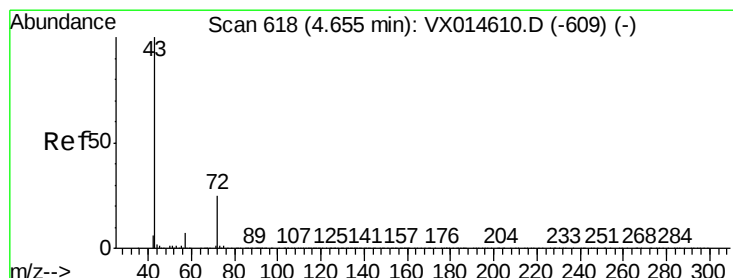
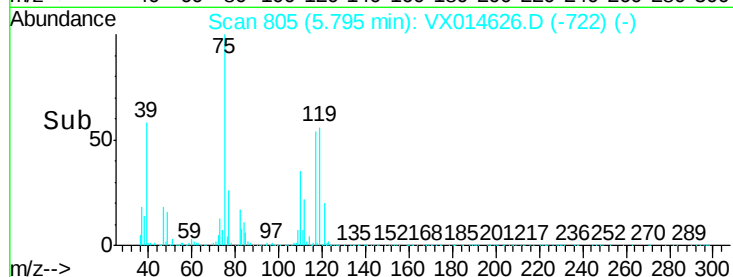
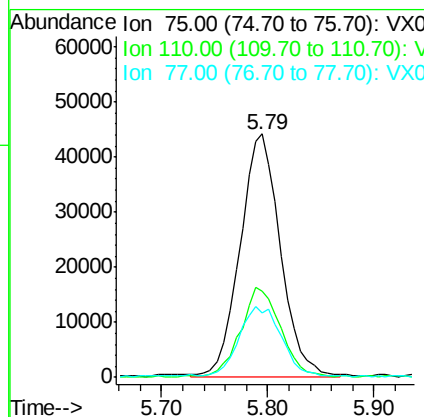
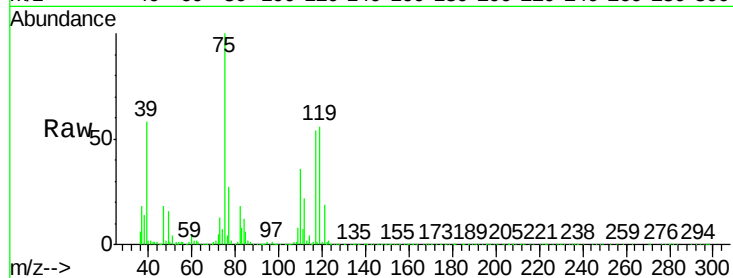
#29
 1,1-Dichloropropene
 Concen: 19.734 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014626.D
 Acq: 15 Jan 2020 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.2	0.0	73.8
77	30.7	0.0	62.4

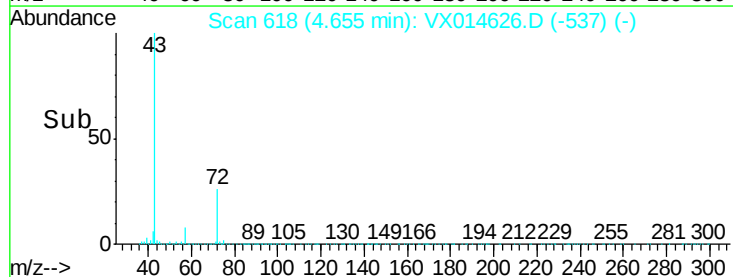
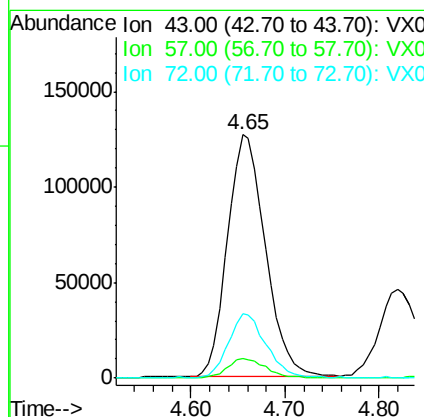
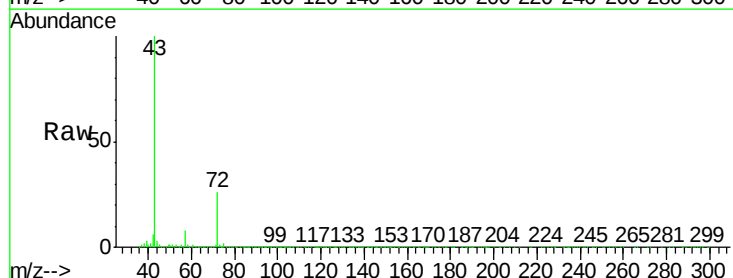
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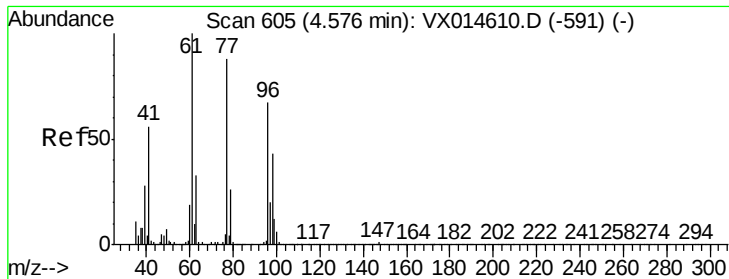
MMDadoda
 1/16/2020 9:42:27 AM



#30
 2-Butanone
 Concen: 94.772 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014626.D
 Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.2	9.2
72	25.6	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.434 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 123484

Ion Ratio Lower Upper

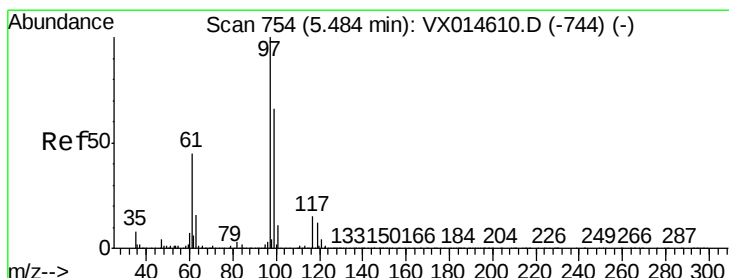
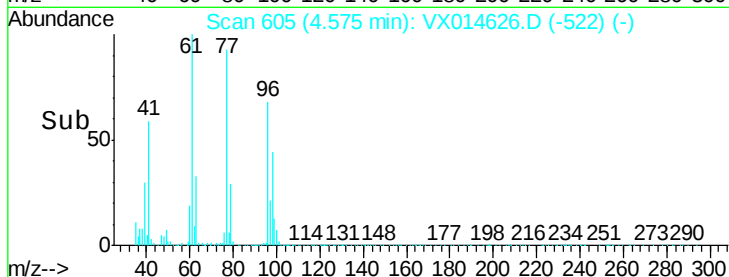
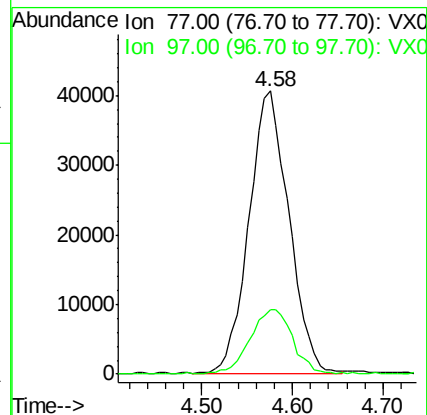
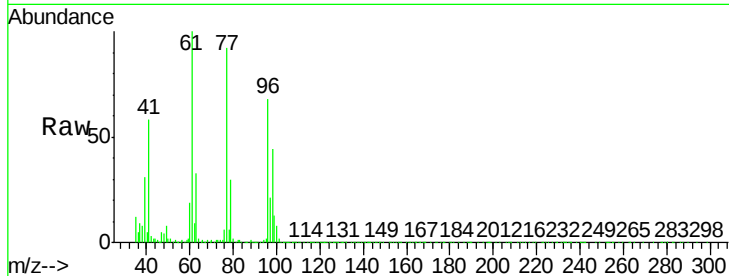
77 100

97 24.5 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 20.137 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

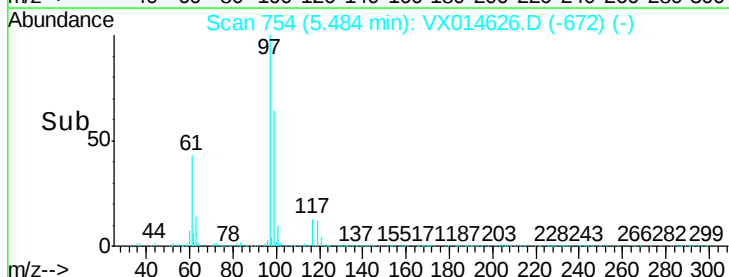
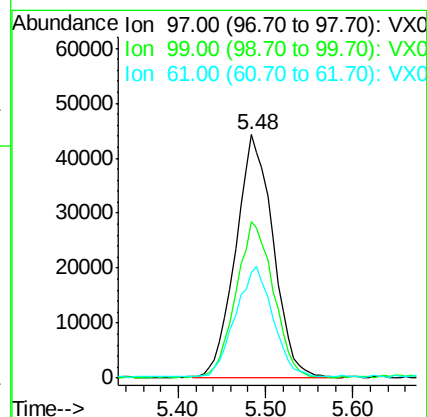
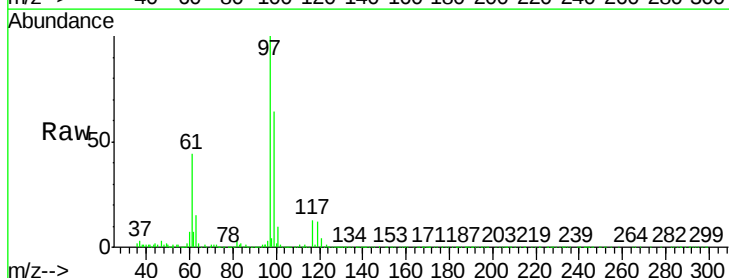
Tgt Ion: 97 Resp: 132295

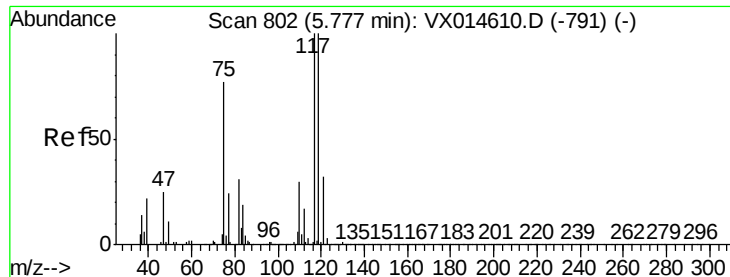
Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 45.6 36.8 55.2





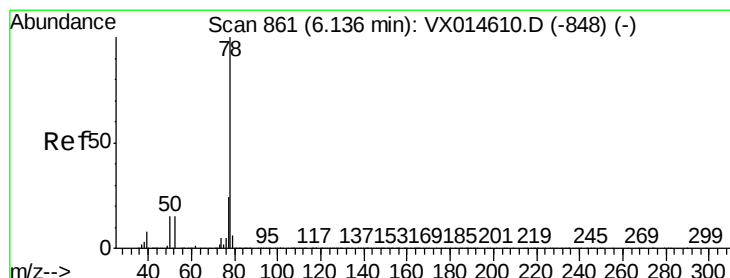
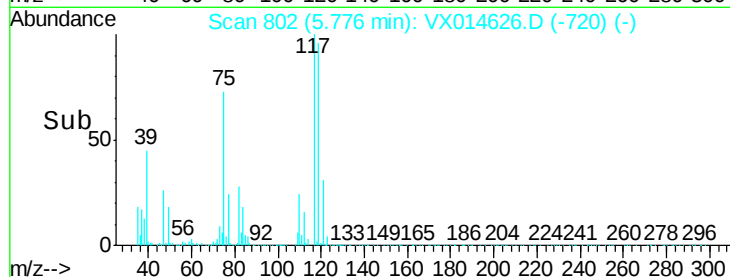
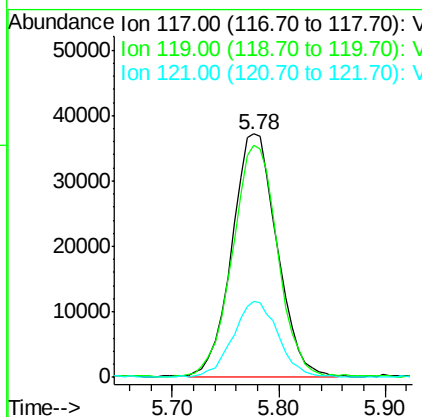
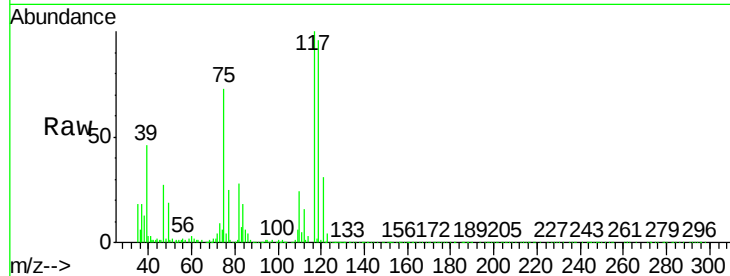
#33
Carbon Tetrachloride
Concen: 19.531 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.2	115.8
121	31.2	24.8	37.2

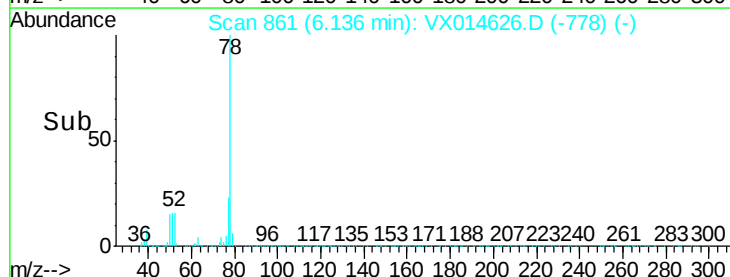
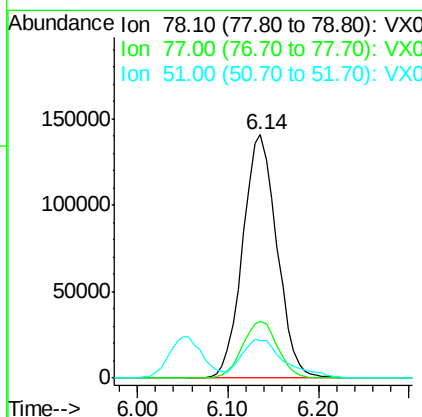
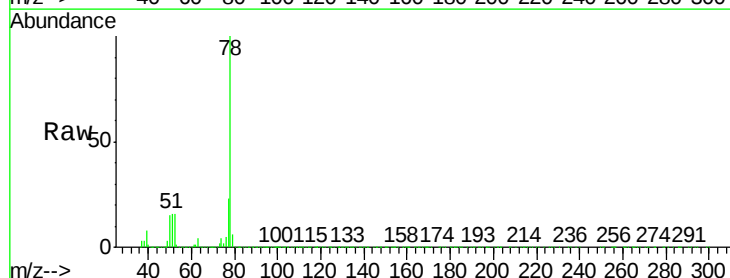
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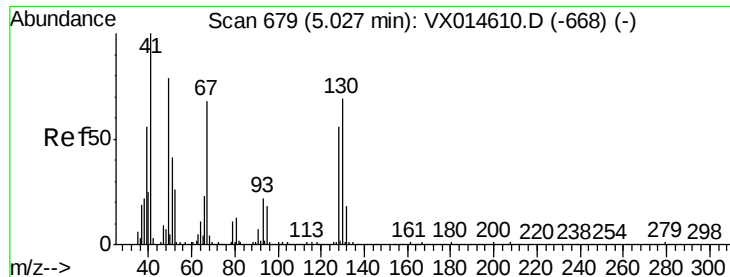
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#34
Benzene
Concen: 20.056 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.2
51	15.2	12.4	18.6





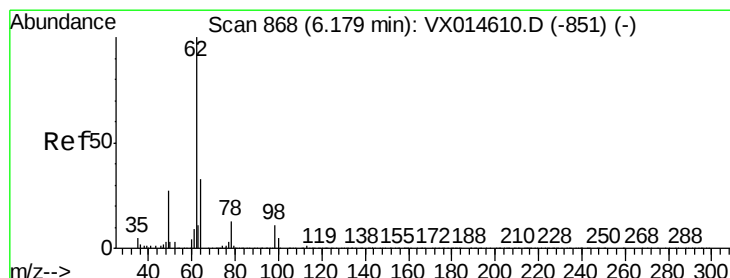
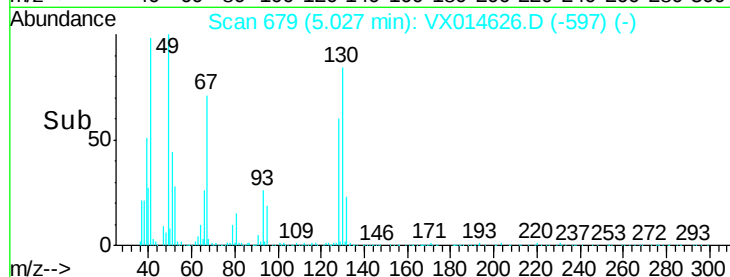
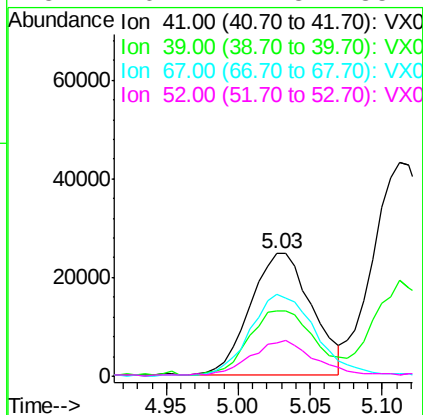
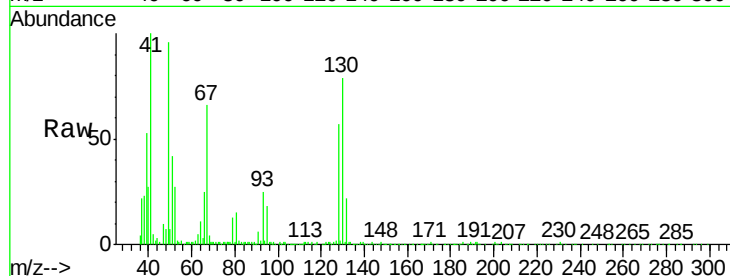
#35
Methacrylonitrile
Concen: 19.412 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	72931
Ion Ratio	Lower	Upper	
41	100		
39	52.6	26.7	80.1
67	66.6	31.5	94.5
52	26.4	12.8	38.4

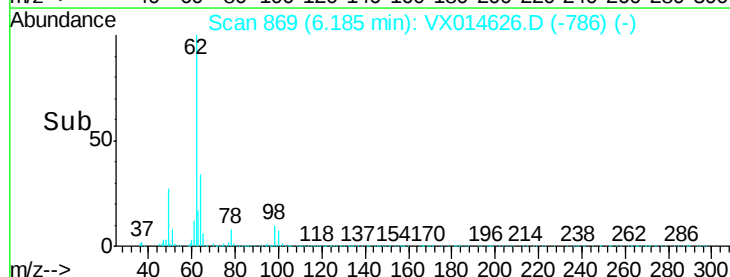
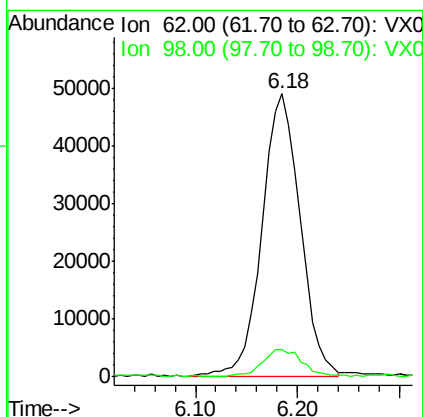
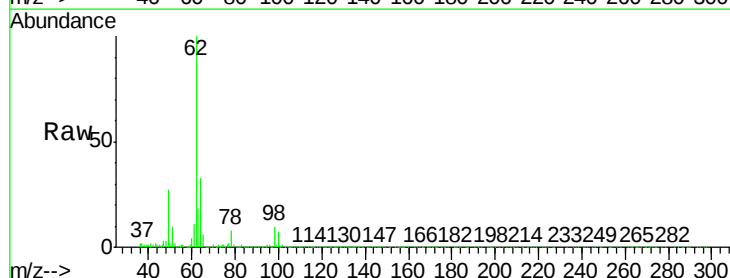
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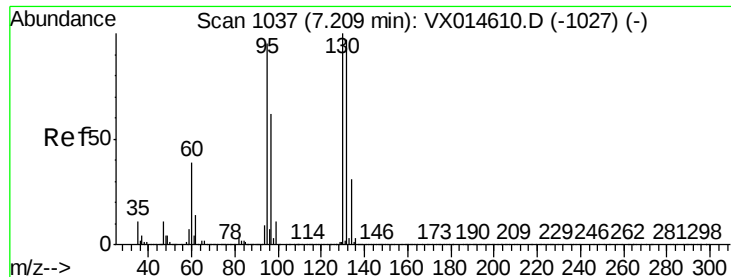
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#36
1,2-Dichloroethane
Concen: 20.042 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion:	62	Resp:	127989
Ion Ratio	Lower	Upper	
62	100		
98	9.6	8.4	12.6





#37

Trichloroethene

Concen: 20.179 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 101386

Ion Ratio Lower Upper

130 100

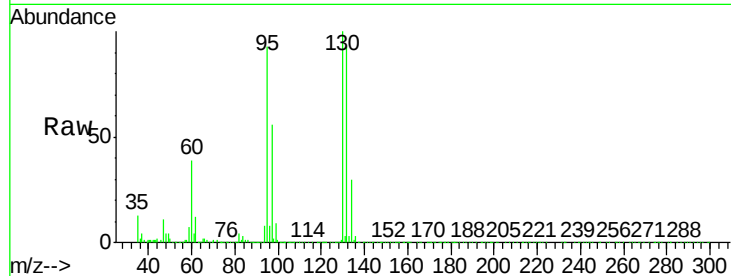
95 92.9 71.7 107.5

Manual Integrations

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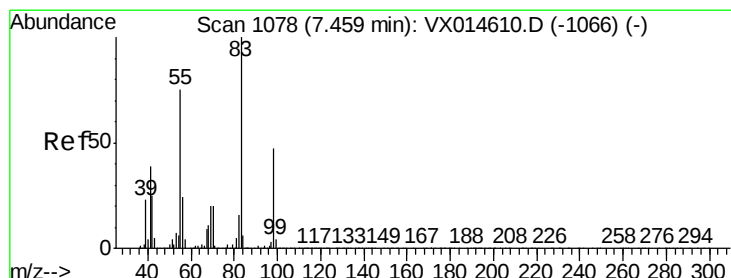
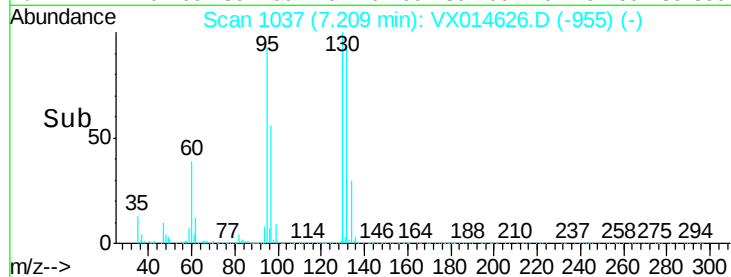
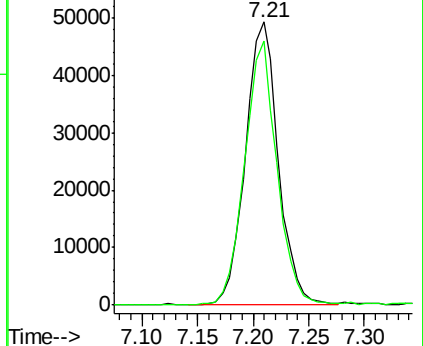
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.556 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

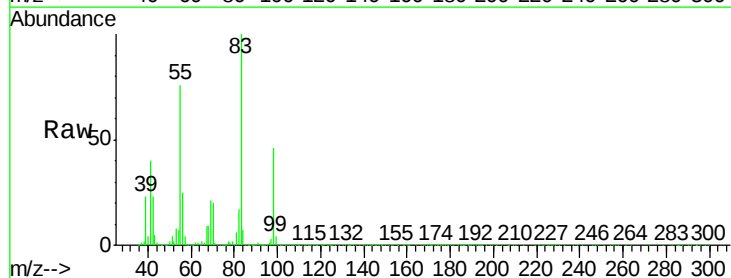
Tgt Ion: 83 Resp: 144597

Ion Ratio Lower Upper

83 100

55 79.8 39.4 118.1

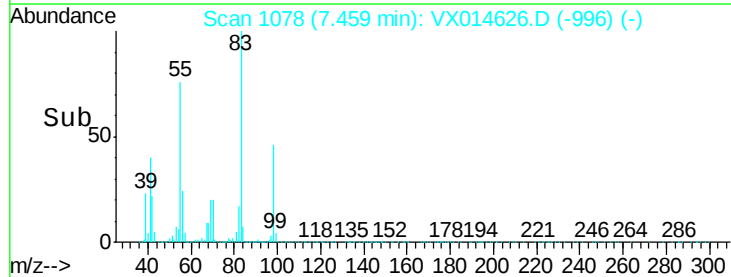
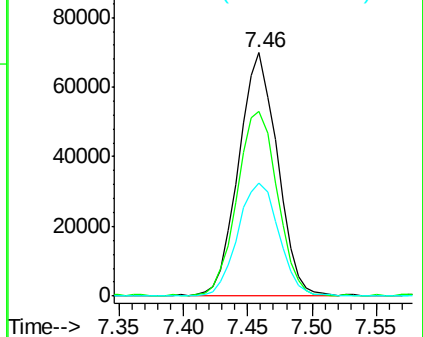
98 49.3 25.1 75.3

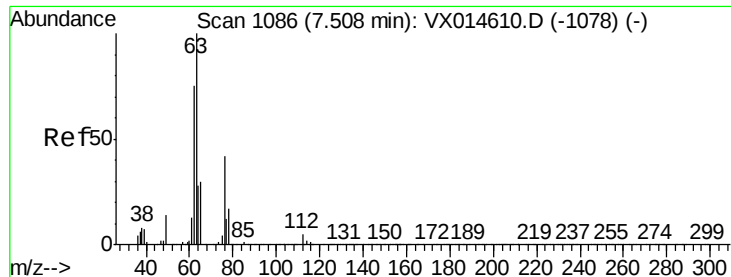


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





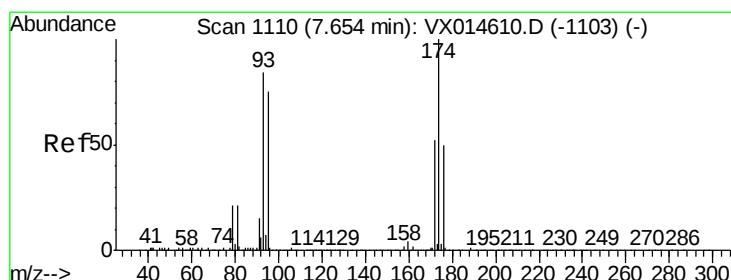
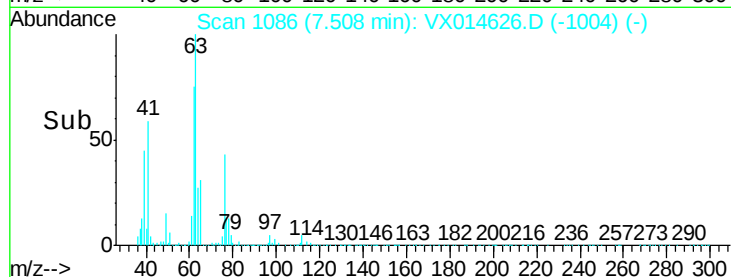
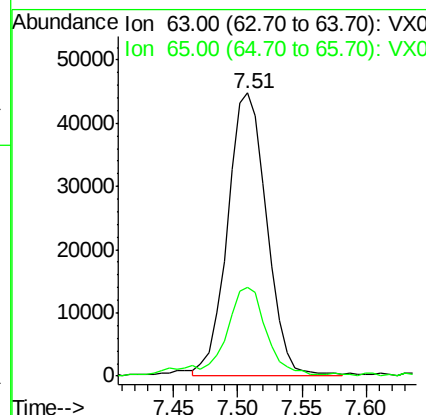
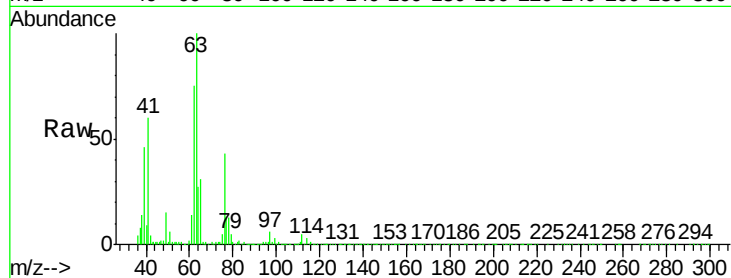
#39
 1,2-Dichloropropane
 Concen: 19.867 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014626.D
 Acq: 15 Jan 2020 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.1	33.1

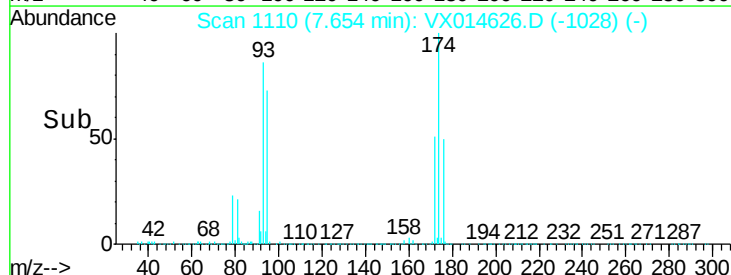
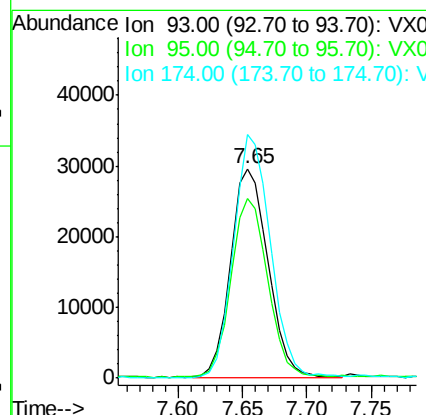
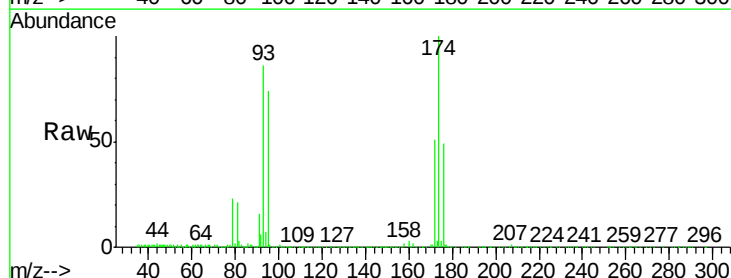
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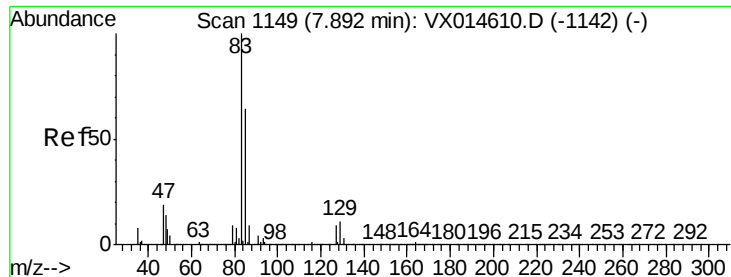
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#40
 Dibromomethane
 Concen: 19.612 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014626.D
 Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	164.4
174	113.6	0.0	228.8





#41

Bromodichloromethane

Concen: 19.202 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

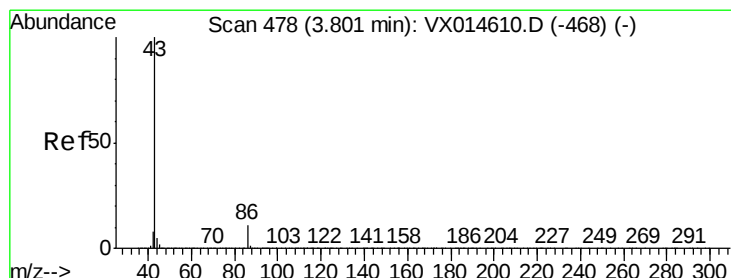
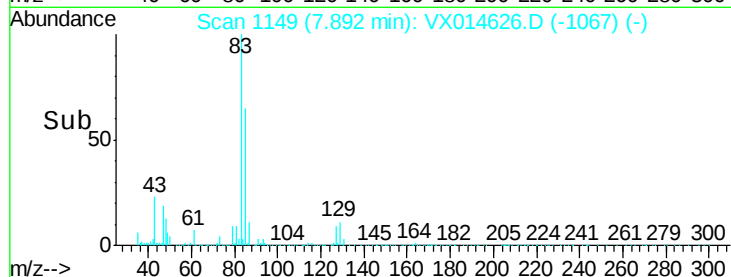
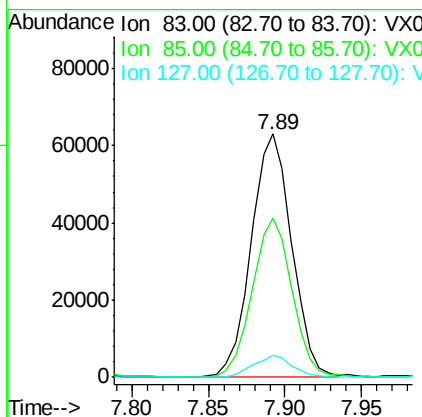
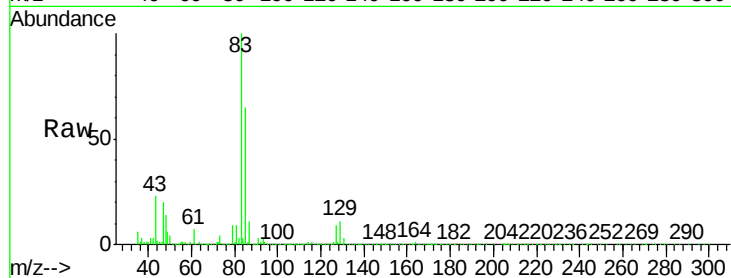
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	115313
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.6	77.4
127	8.7	6.0	9.0

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#42

Vinyl Acetate

Concen: 101.070 ug/l

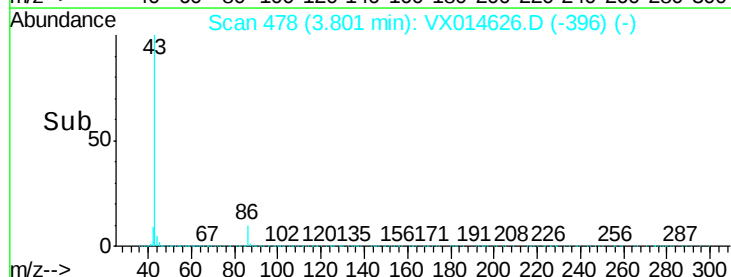
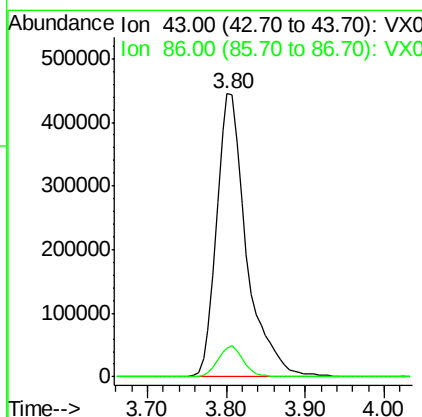
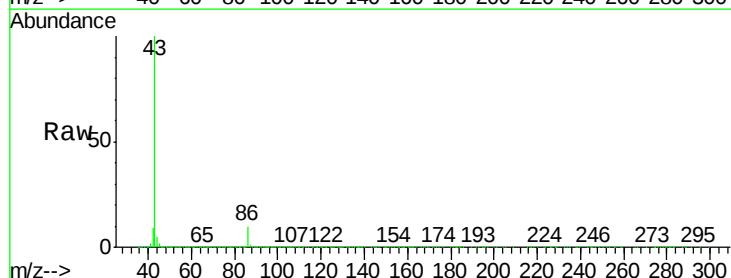
RT: 3.80 min Scan# 478

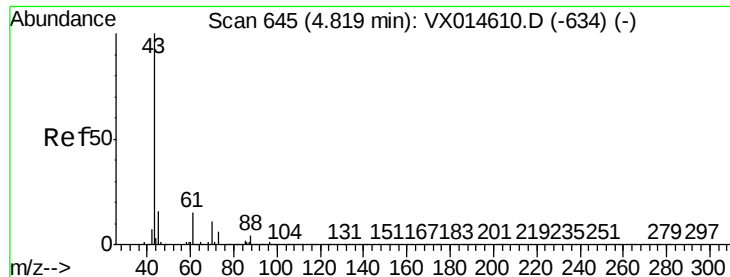
Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:	43	Resp:	1171859
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.7	11.5





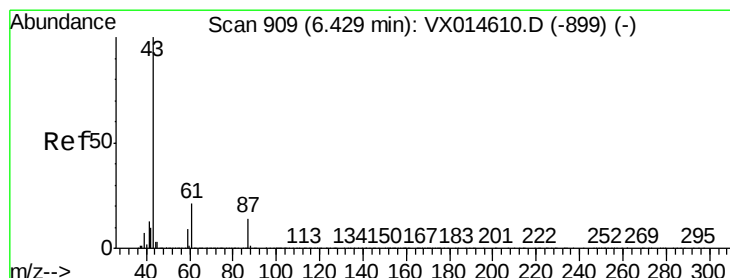
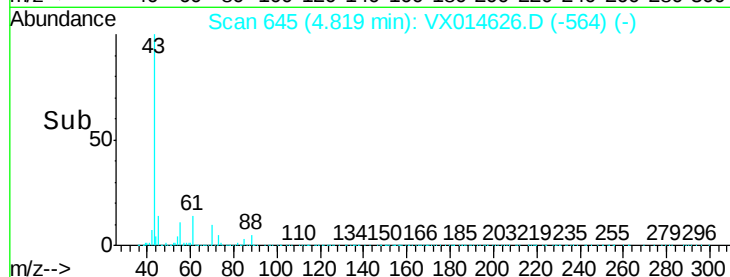
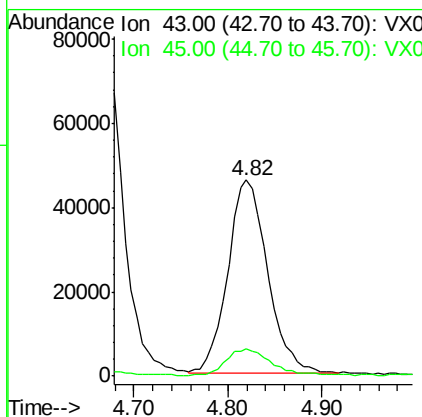
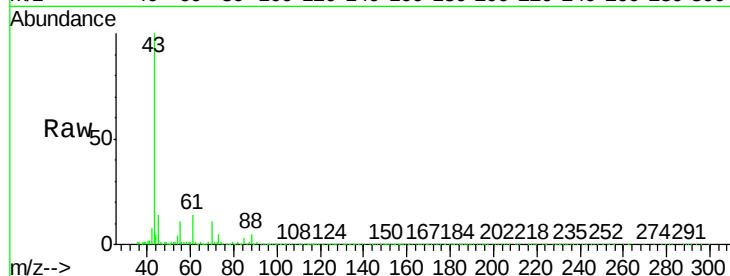
#43
Ethyl Acetate
Concen: 19.806 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	45	Ratio	Lower	Upper
134877	100	15.0		11.8	17.8

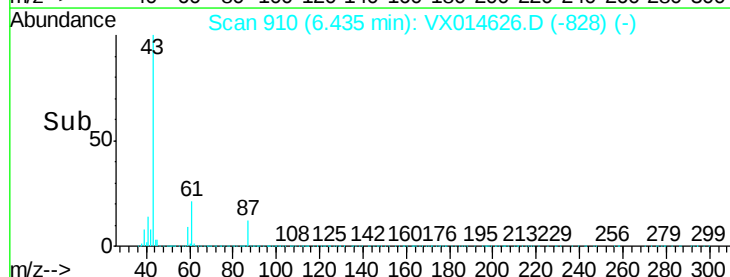
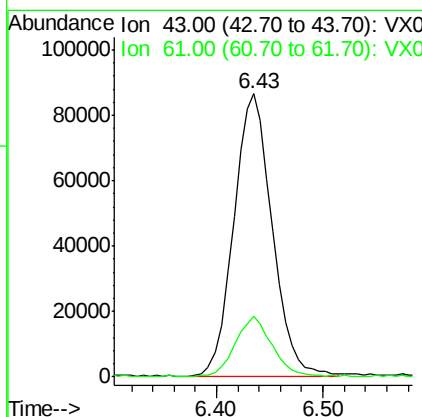
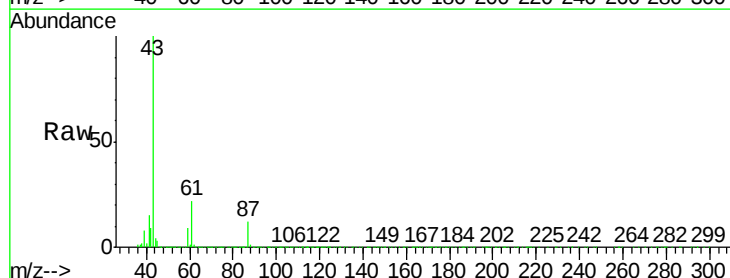
Manual Integrations
APPROVED

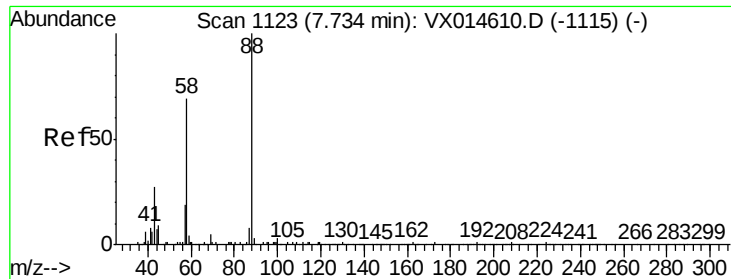
MMDadoda
1/16/2020 9:42:27 AM



#44
Isopropyl Acetate
Concen: 19.872 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	43	61	Ratio	Lower	Upper
218305	100	20.3		15.9	23.9





#45

1,4-Dioxane

Concen: 426.418 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

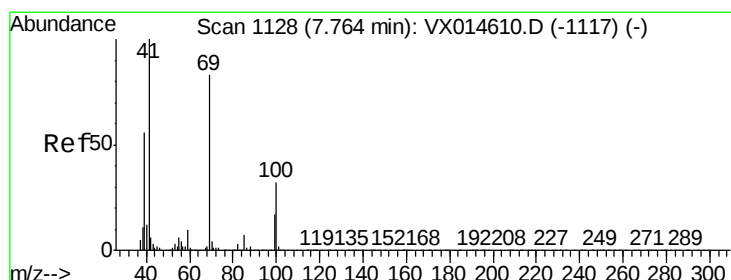
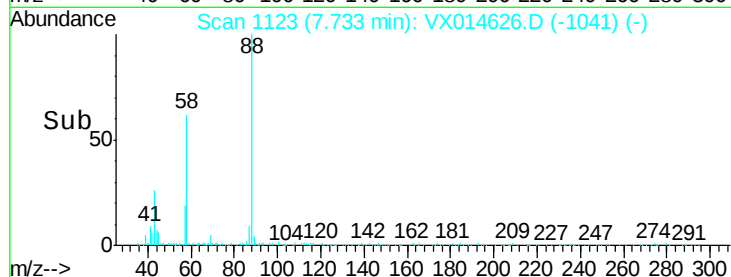
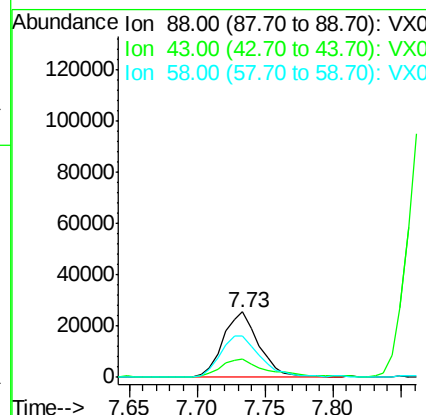
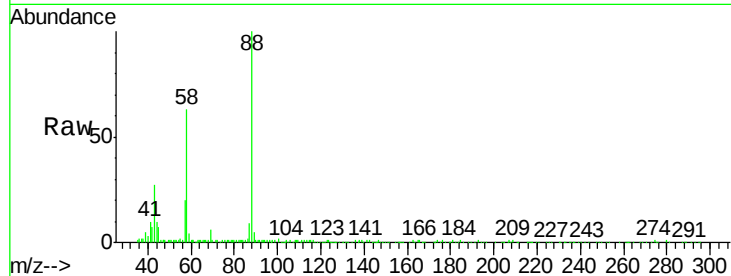
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	46858
Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.4	38.2
58	67.5	56.5	84.7

Manual Integrations
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#46

Methyl methacrylate

Concen: 19.793 ug/l

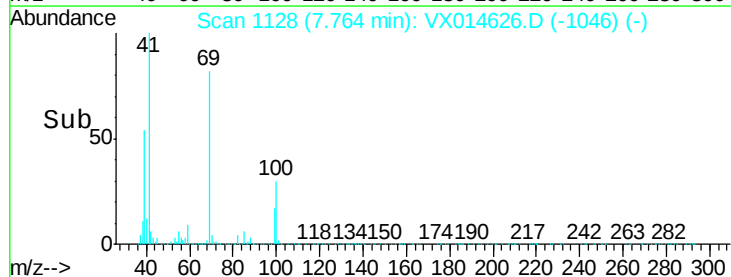
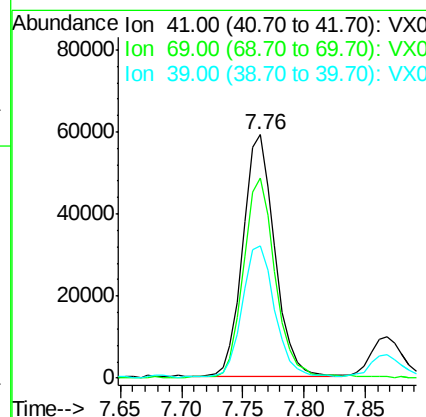
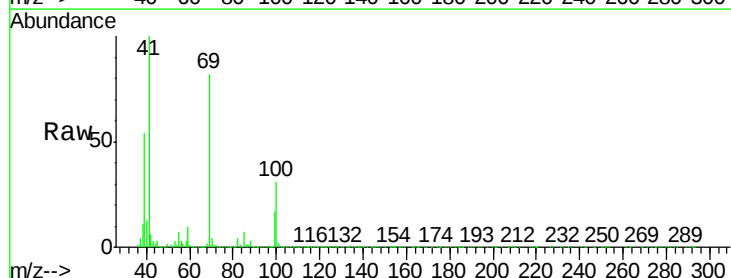
RT: 7.76 min Scan# 1128

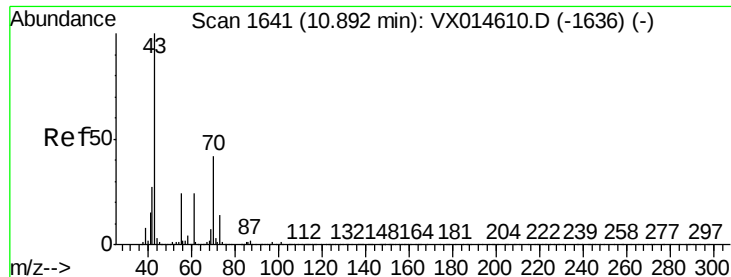
Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:	41	Resp:	106926
Ion	Ratio	Lower	Upper
41	100		
69	82.7	40.6	122.0
39	54.3	27.8	83.3





#47

n-amvl Acetate

Concen: 19.242 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 177120

Ion Ratio Lower Upper

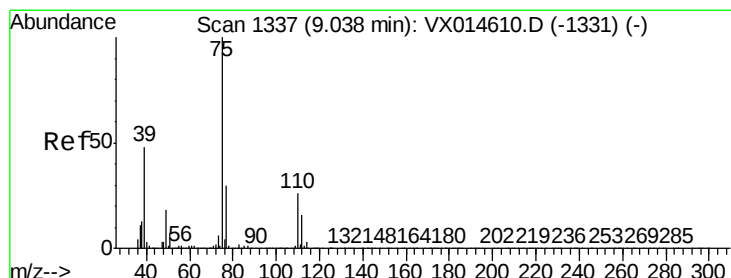
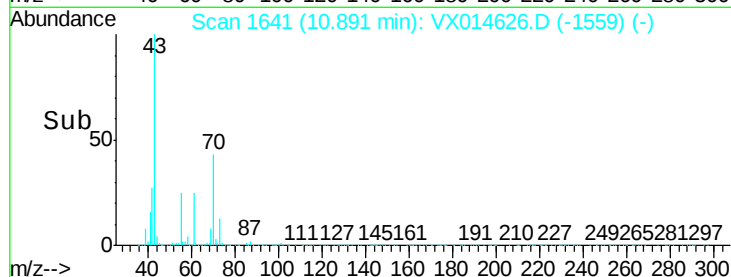
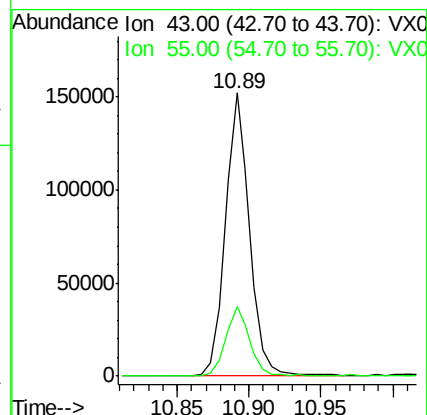
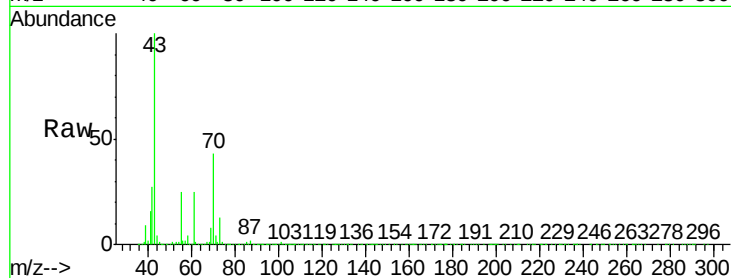
43 100

55 24.3 19.4 29.2

Manual Integrations
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MMDadoda

1/16/2020 9:42:27 AM



#48

t-1,3-Dichloropropene

Concen: 18.986 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014626.D

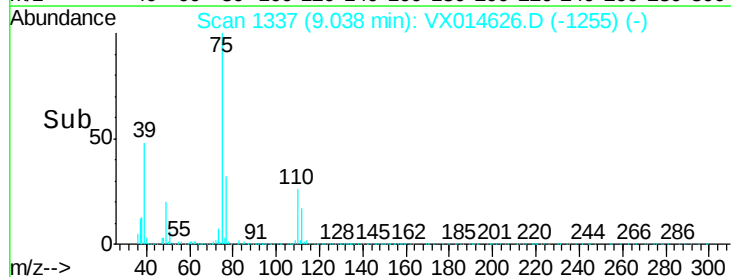
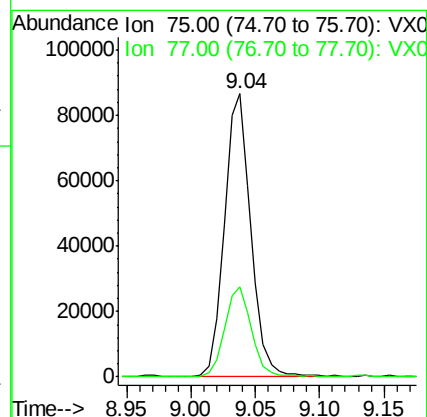
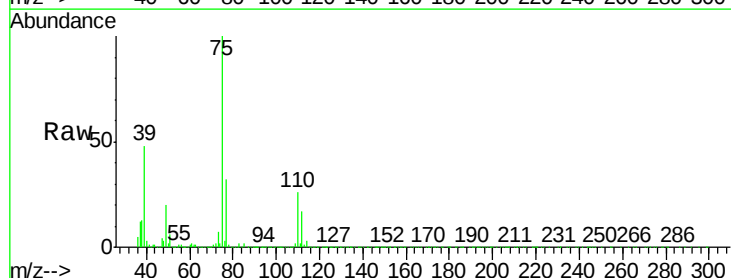
Acq: 15 Jan 2020 18:10

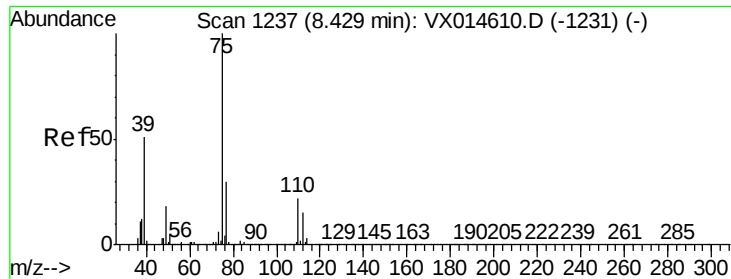
Tgt Ion: 75 Resp: 124483

Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0





#49

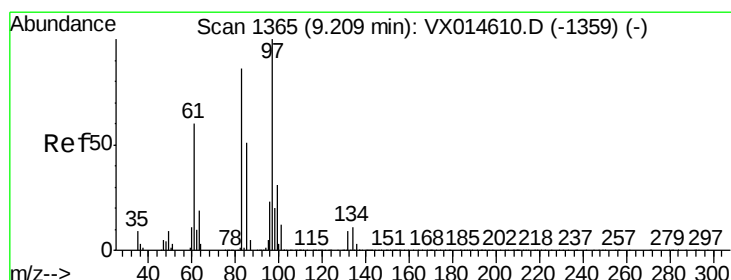
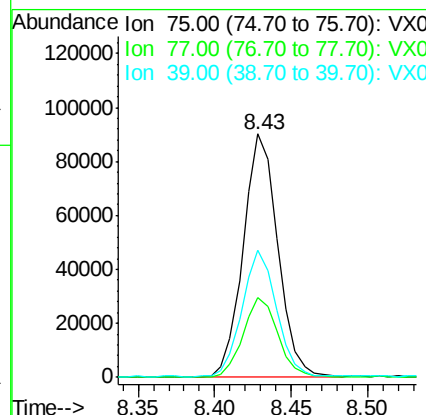
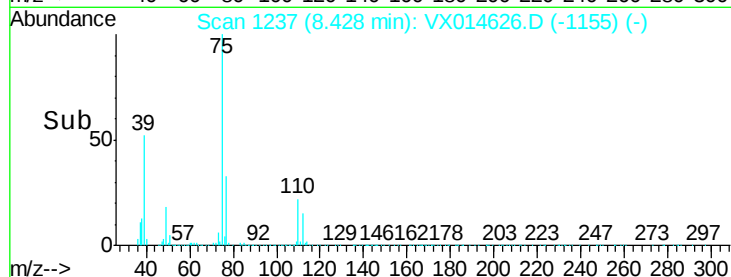
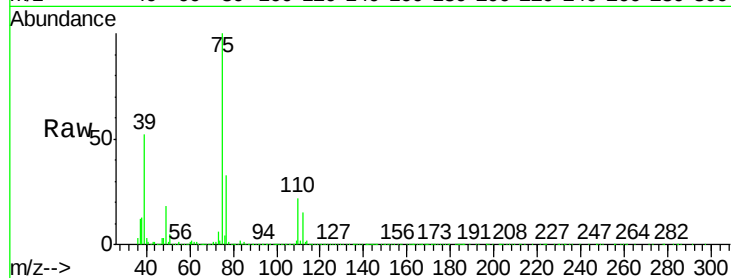
cis-1,3-Dichloropropene
Concen: 19.242 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2
39	51.7	41.1	61.7

Manual Integrations
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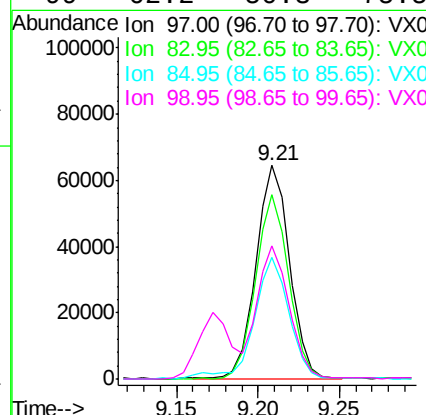
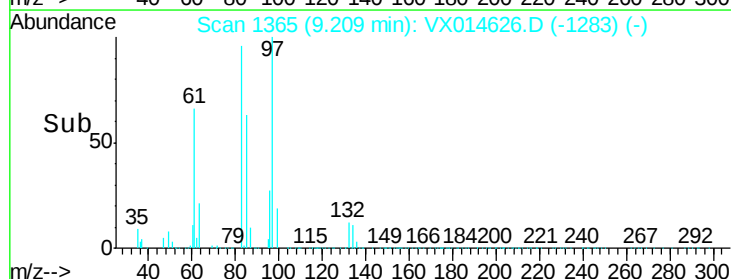
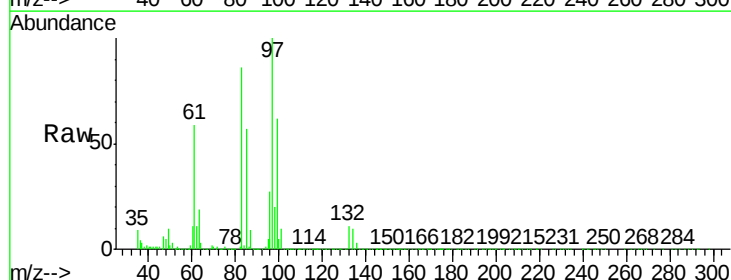
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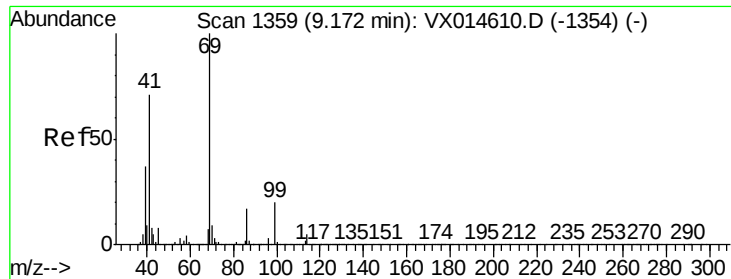


#50

1,1,2-Trichloroethane
Concen: 19.905 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.1	102.1
85	56.7	42.7	64.1
99	62.2	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.259 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

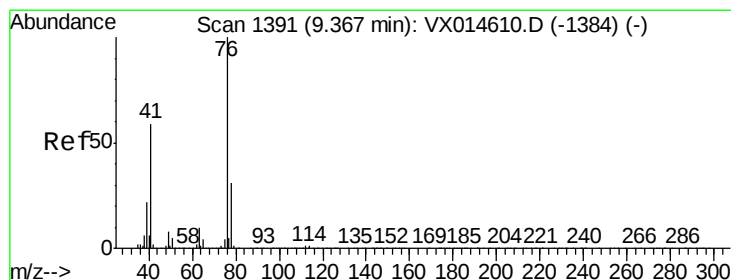
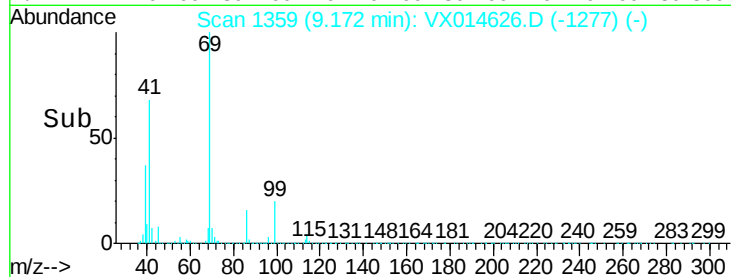
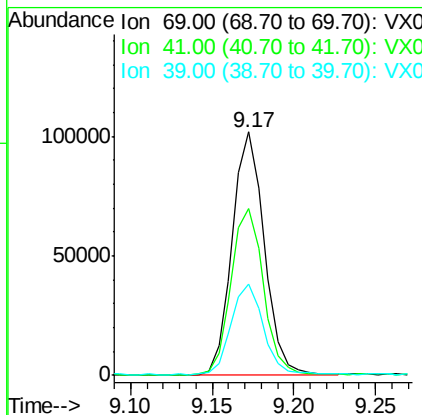
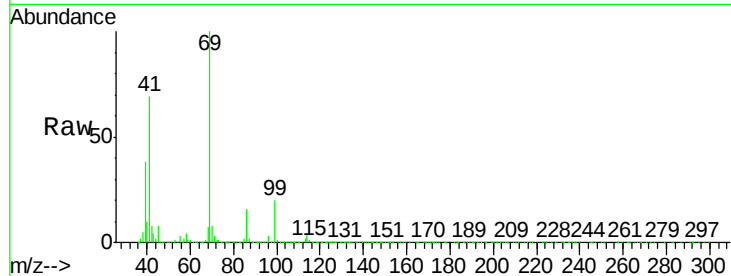
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	139928
Ion	Ratio	Lower	Upper
69	100		
41	68.5	35.4	106.1
39	37.3	17.8	53.3

Manual Integrations
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1/16/2020 9:42:27 AM



#52

1,3-Dichloropropane

Concen: 20.147 ug/l

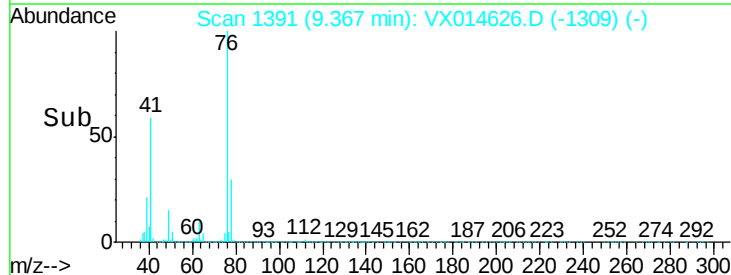
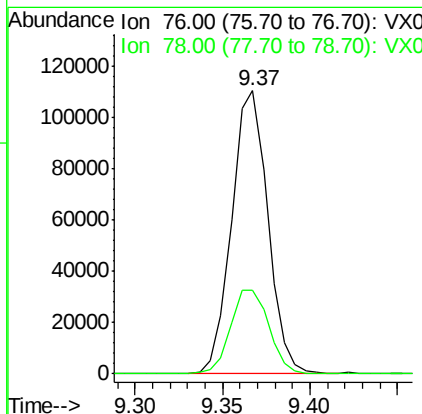
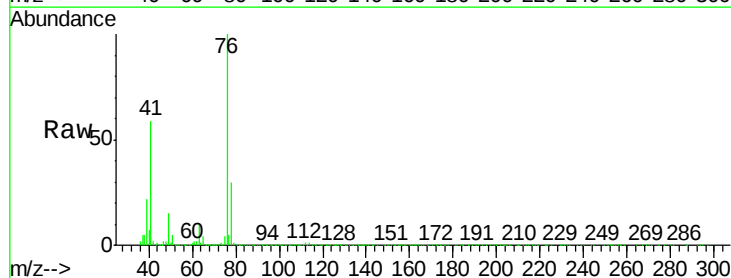
RT: 9.37 min Scan# 1391

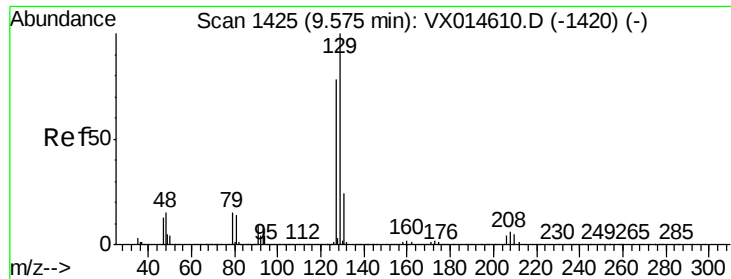
Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:	76	Resp:	159288
Ion	Ratio	Lower	Upper
76	100		
78	31.4	0.0	63.4





#53

Dibromochloromethane

Concen: 19.334 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 92281

Ion Ratio Lower Upper

129 100

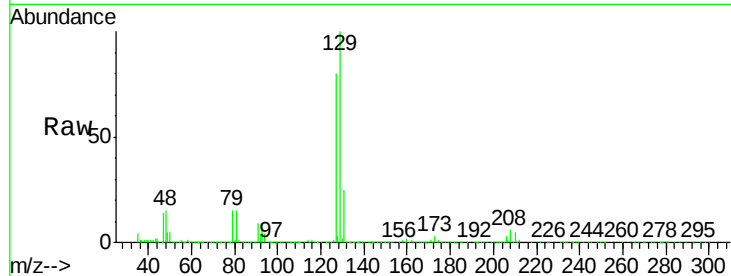
127 76.9 39.1 117.5

Manual Integrations

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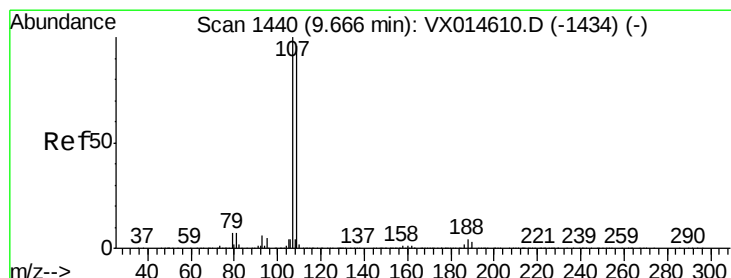
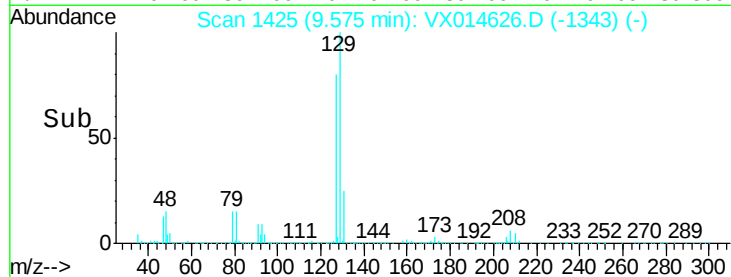
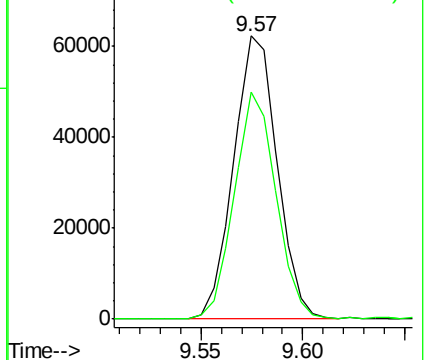
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.169 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014626.D

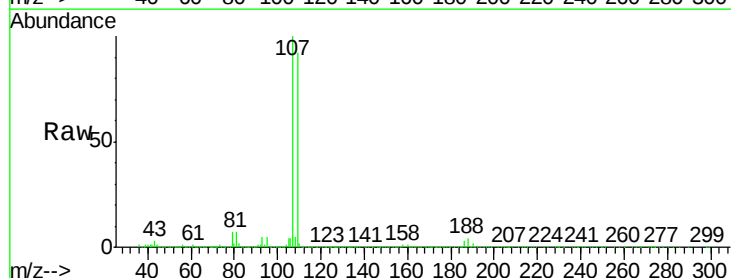
Acq: 15 Jan 2020 18:10

Tgt Ion:107 Resp: 97609

Ion Ratio Lower Upper

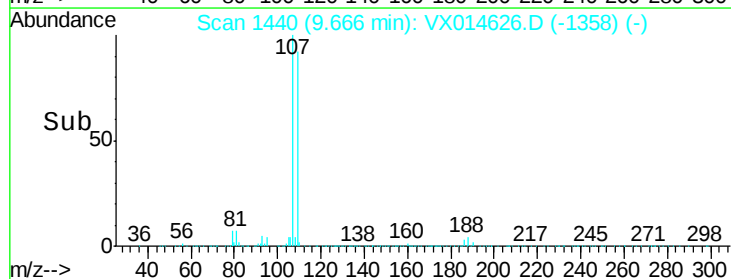
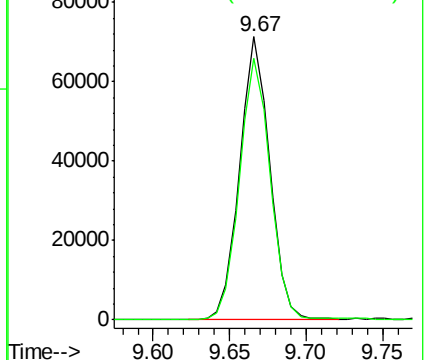
107 100

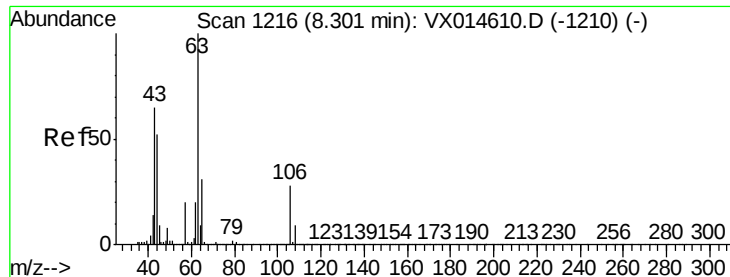
109 93.6 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 94.328 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 314978

Ion Ratio Lower Upper

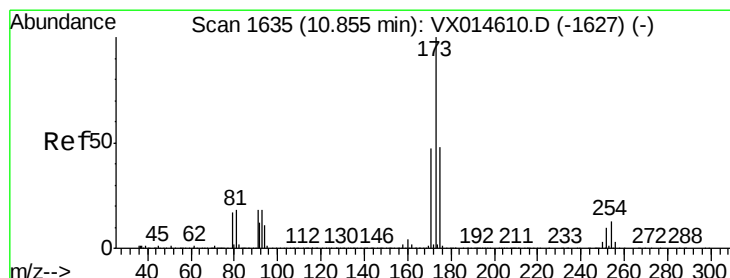
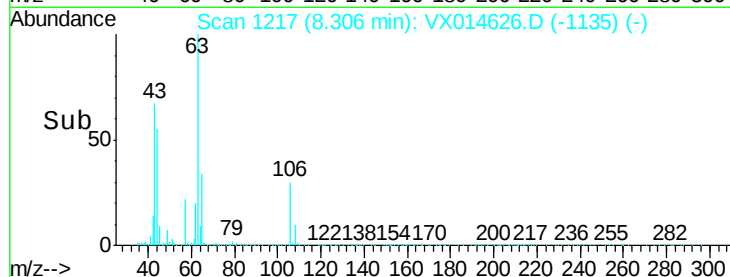
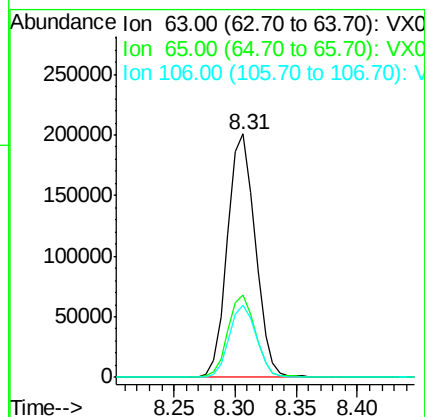
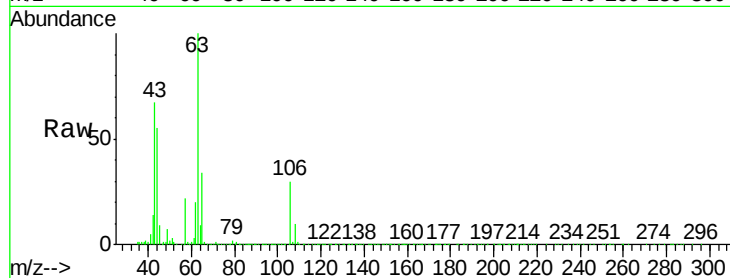
63 100

65 33.2 25.8 38.6

106 29.3 22.9 34.3

Manual Integrations
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1/16/2020 9:42:27 AM



#56

Bromoform

Concen: 18.123 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

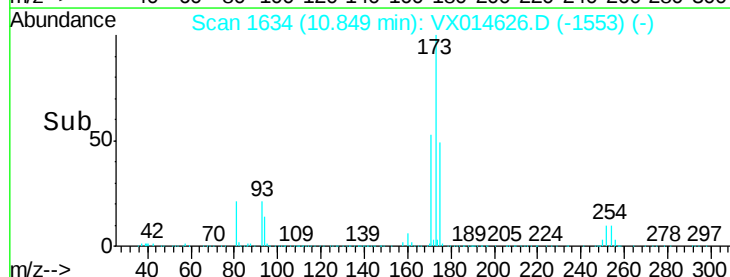
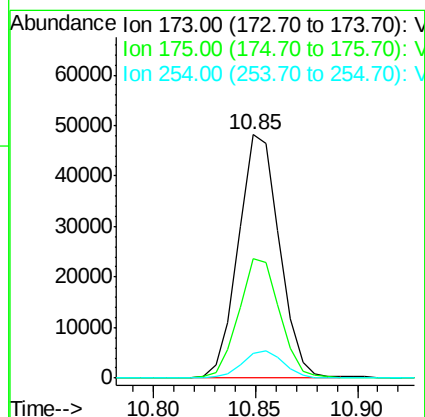
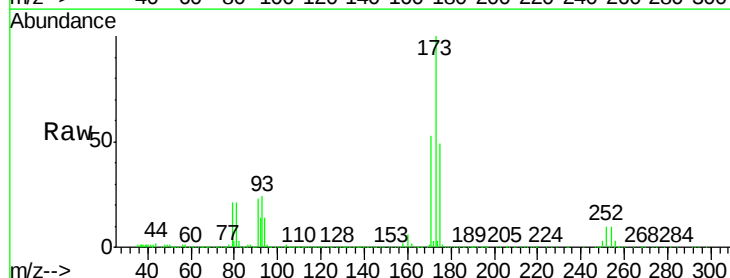
Tgt Ion: 173 Resp: 66628

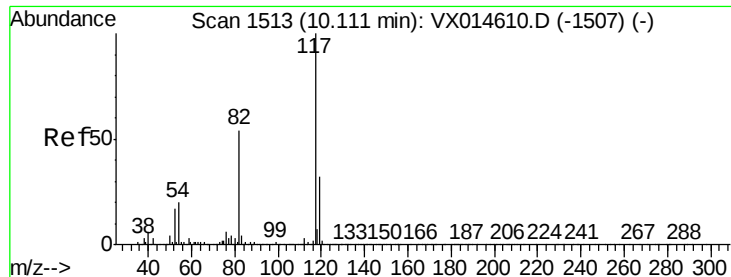
Ion Ratio Lower Upper

173 100

175 49.6 39.5 59.3

254 11.3 8.2 12.4





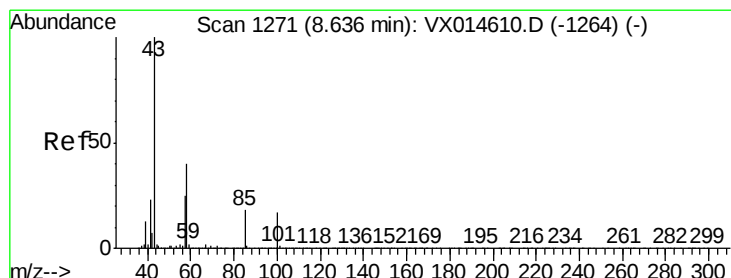
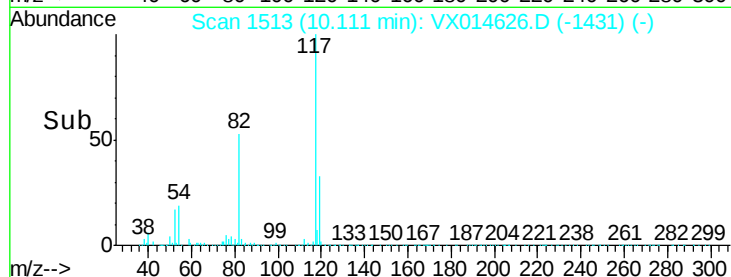
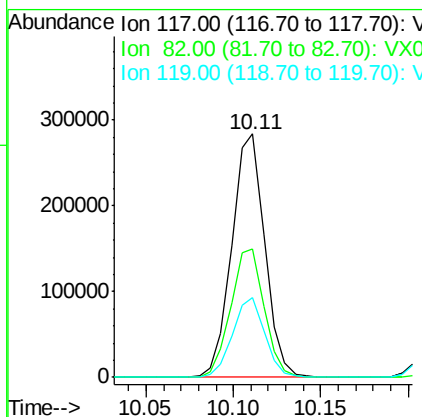
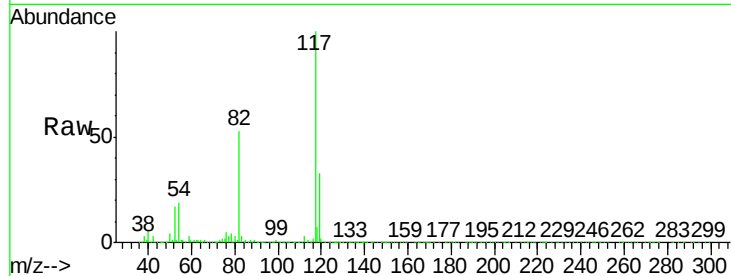
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.8	65.6
119	32.2	25.8	38.6

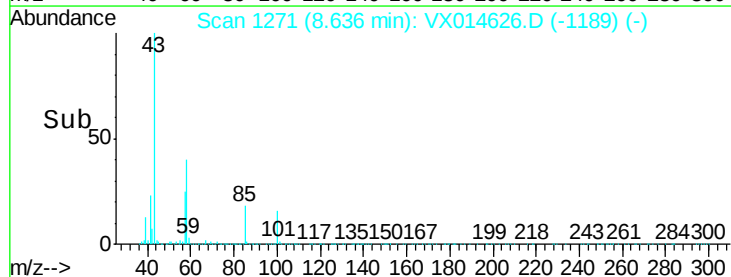
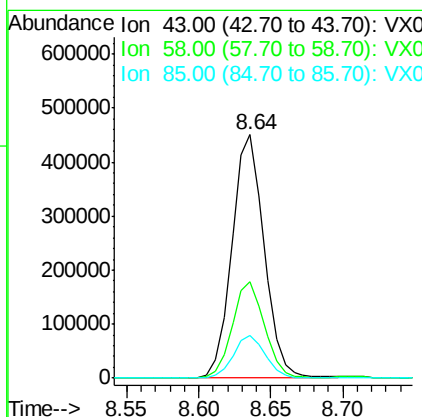
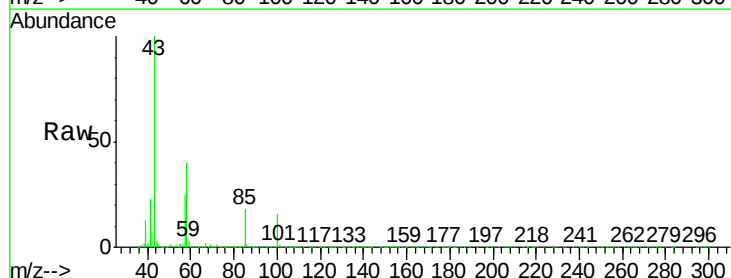
Manual Integrations
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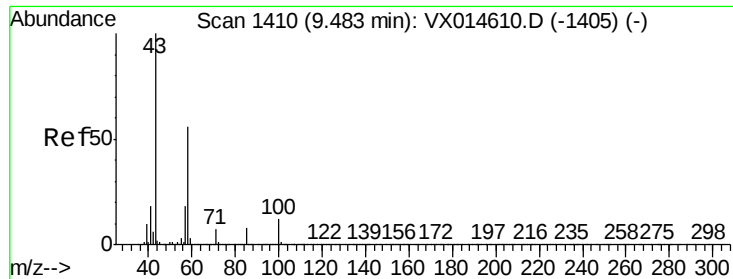
MMDadoda
1/16/2020 9:42:27 AM



#58
4-Methyl-2-Pentanone
Concen: 100.518 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.2	46.8
85	17.4	14.2	21.2





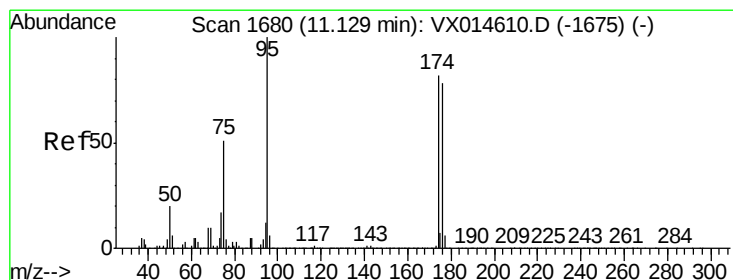
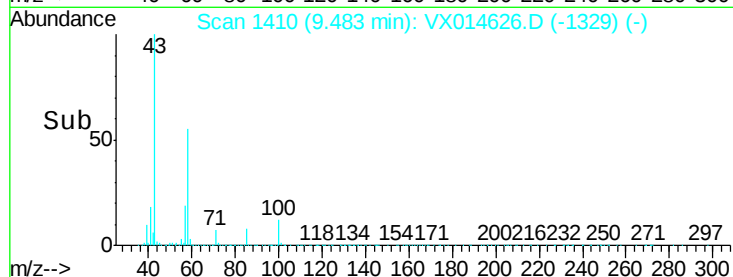
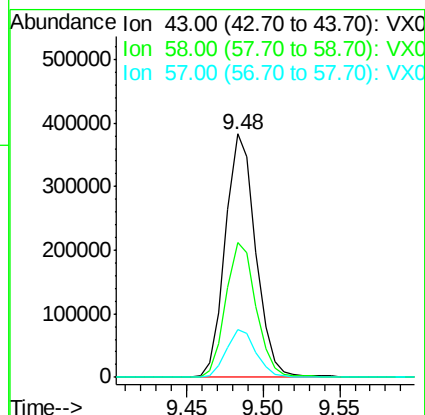
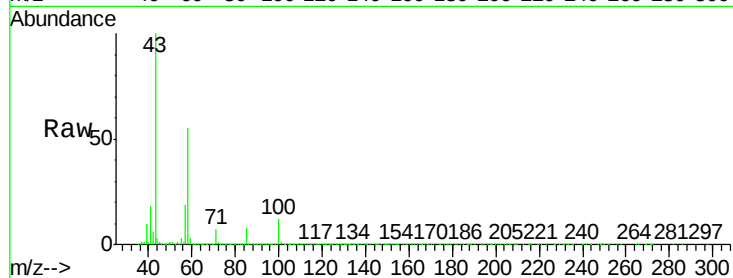
#59
2-Hexanone
Concen: 97.456 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	527075
Ion Ratio	Lower	Upper	
43	100		
58	55.1	43.8	65.6
57	19.3	15.4	23.0

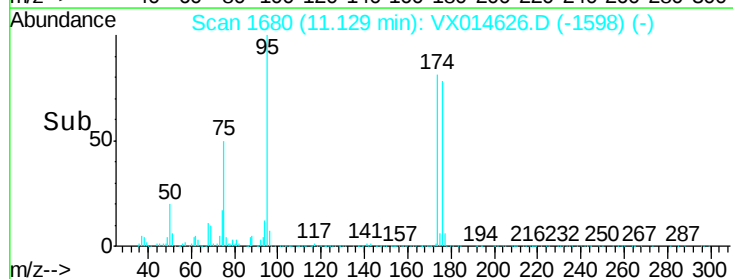
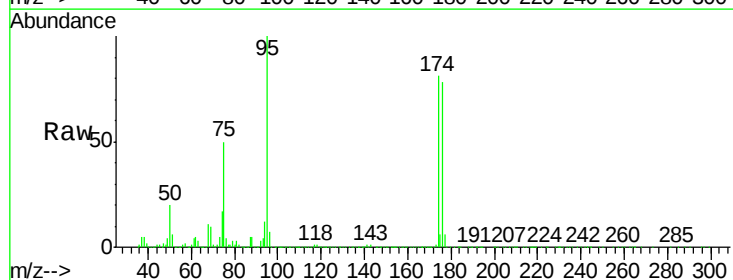
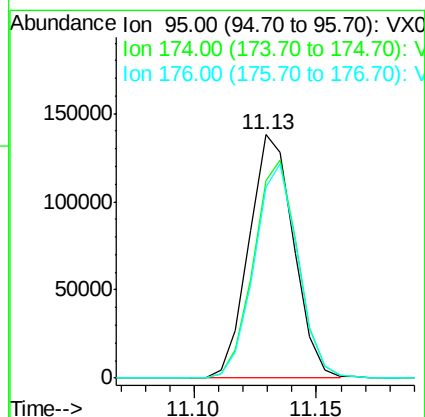
Manual Integrations
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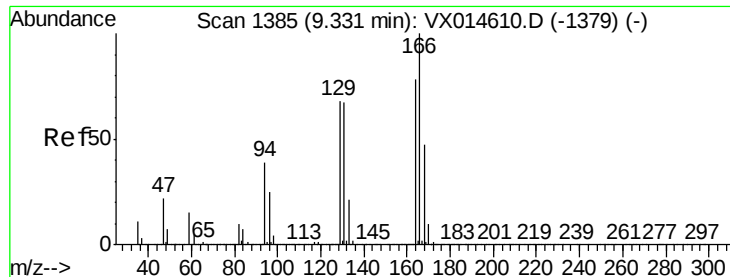
MMDadoda
1/16/2020 9:42:27 AM



#60
4-Bromofluorobenzene
Concen: 29.636 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	95	Resp	176106
Ion Ratio	Lower	Upper	
95	100		
174	89.0	70.2	105.2
176	86.2	68.3	102.5





#61

Tetrachloroethene

Concen: 18.896 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

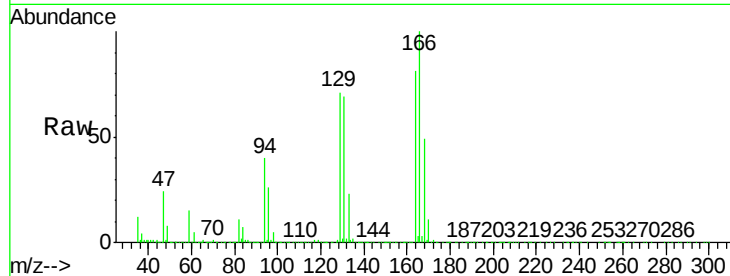
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.5	104.2	156.2
129	87.7	71.6	107.4
131	85.4	71.7	107.5

Manual Integrations
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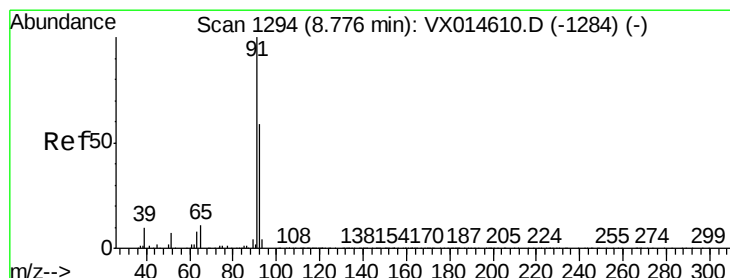
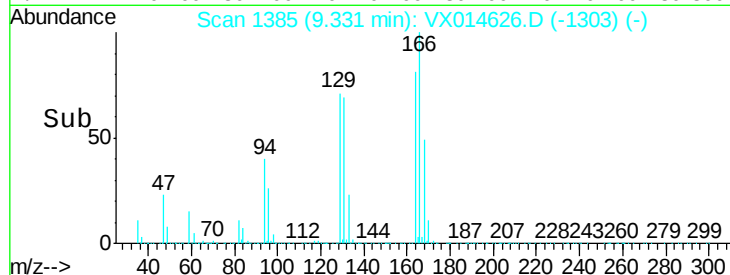
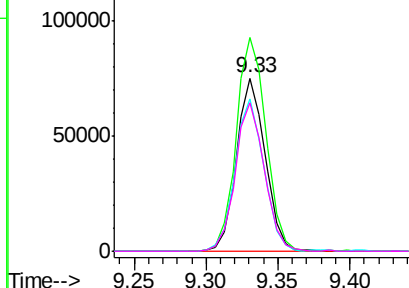


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.973 ug/l

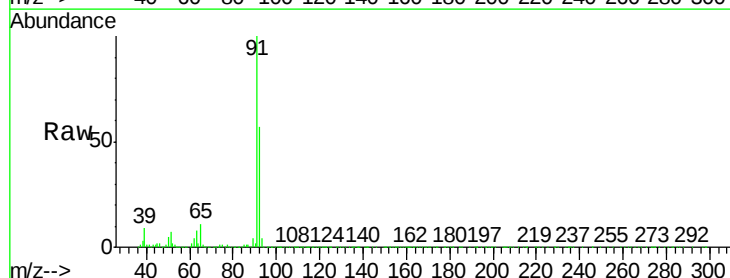
RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014626.D

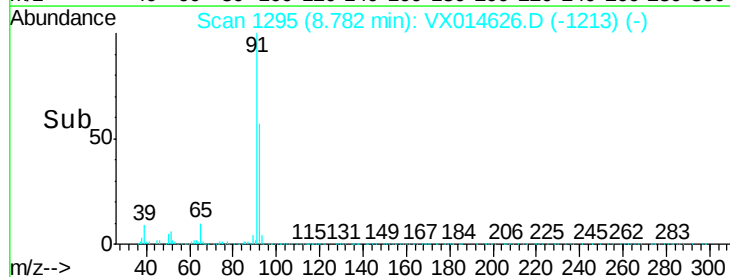
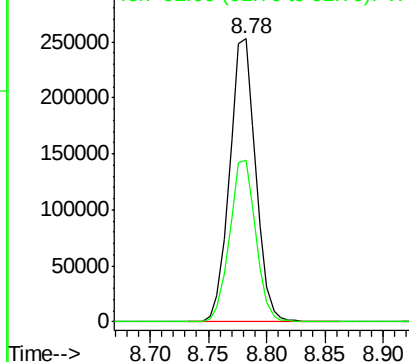
Acq: 15 Jan 2020 18:10

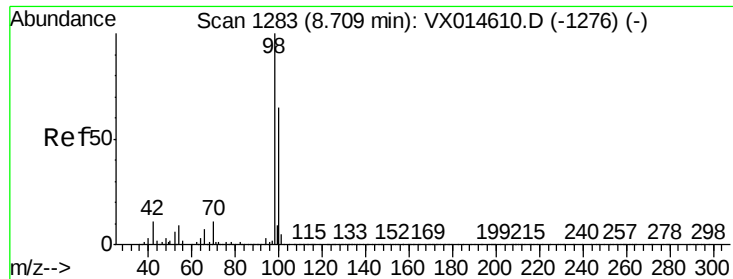
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.2	46.4	69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





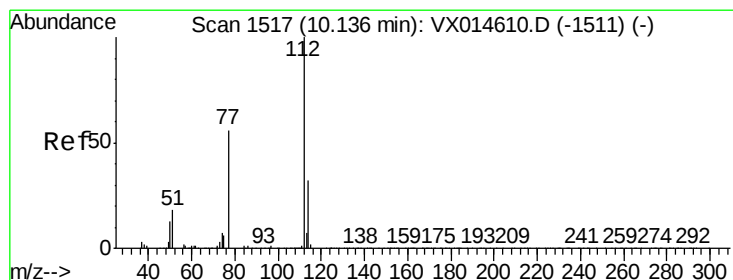
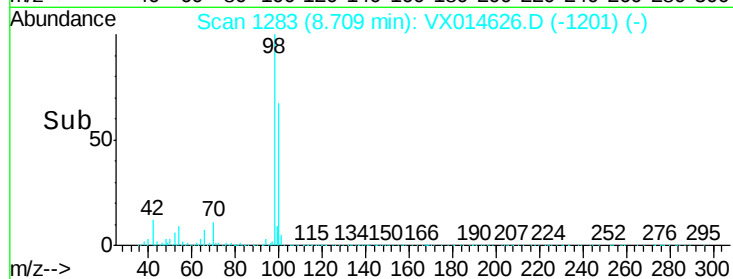
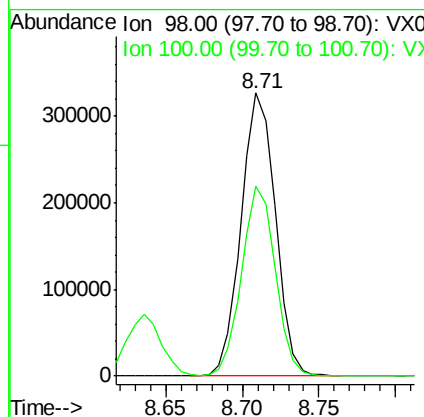
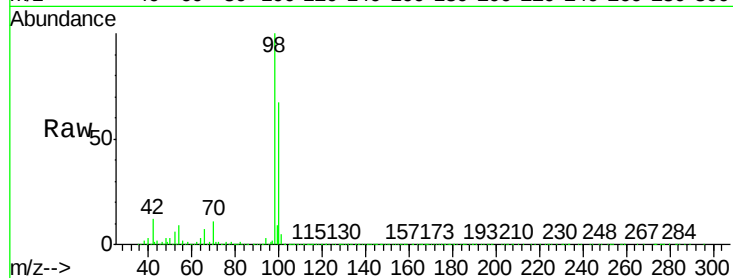
#63
Toluene-d8
Concen: 30.376 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2

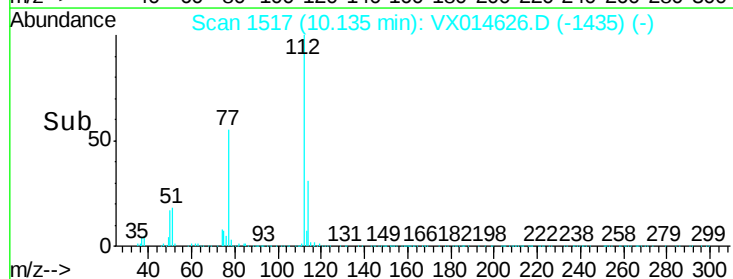
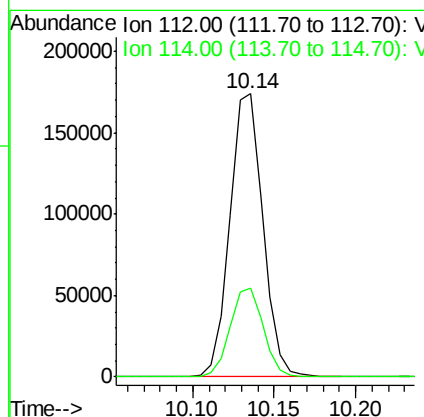
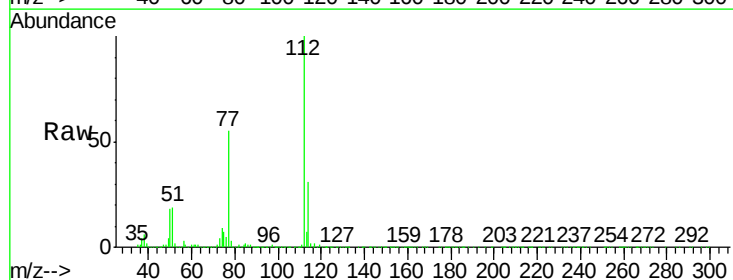
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APPROVED

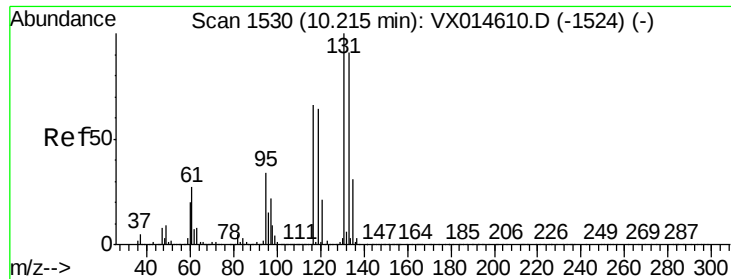
MMDadoda
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#64
Chlorobenzene
Concen: 19.868 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	24.4	36.6





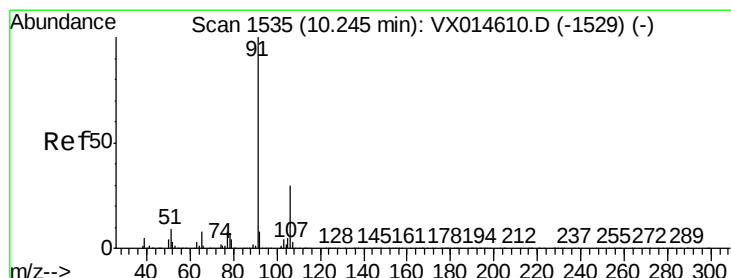
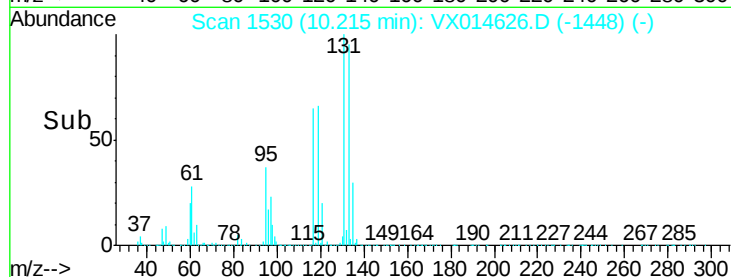
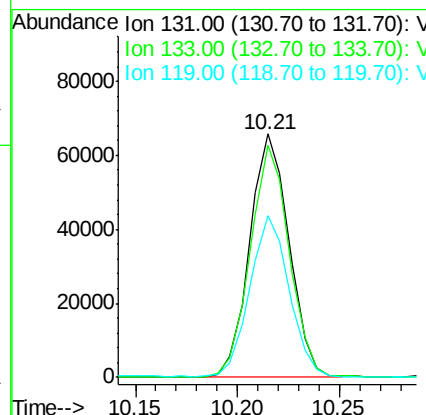
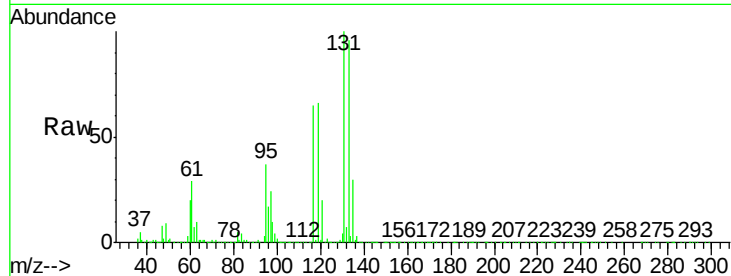
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.313 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014626.D
 Acq: 15 Jan 2020 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.7	0.0	189.8
119	66.8	0.0	132.2

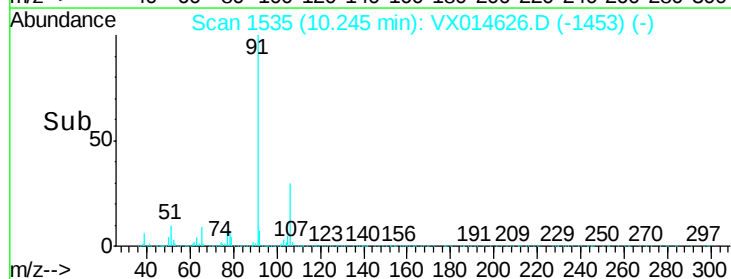
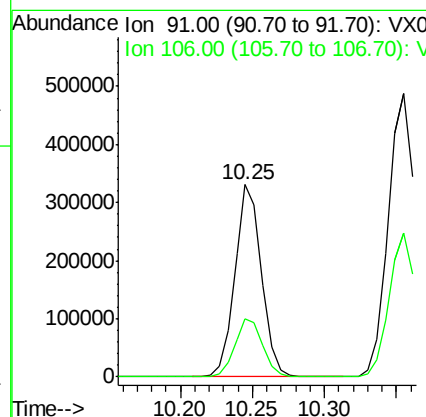
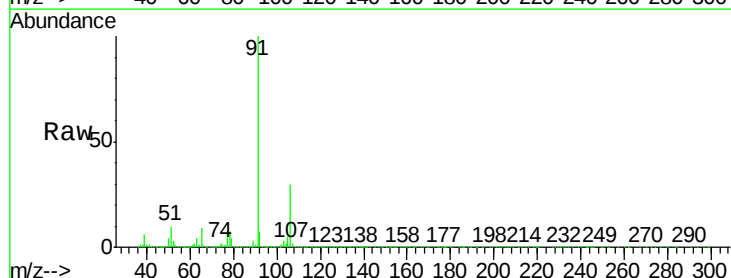
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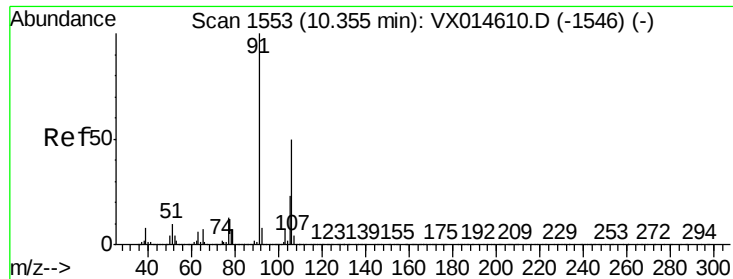
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#66
 Ethyl Benzene
 Concen: 19.938 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014626.D
 Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.2





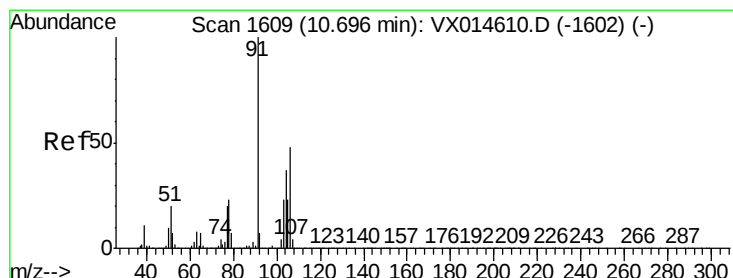
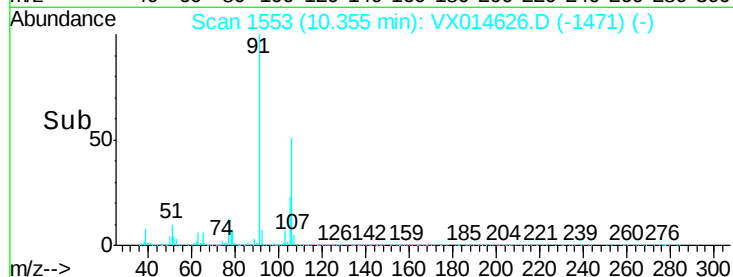
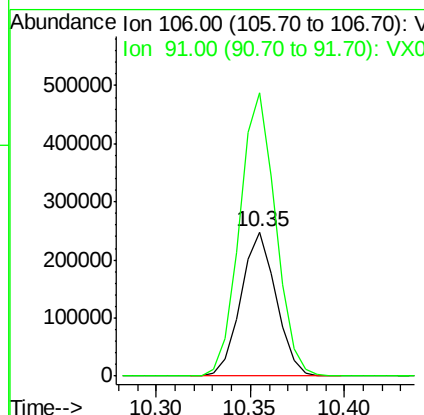
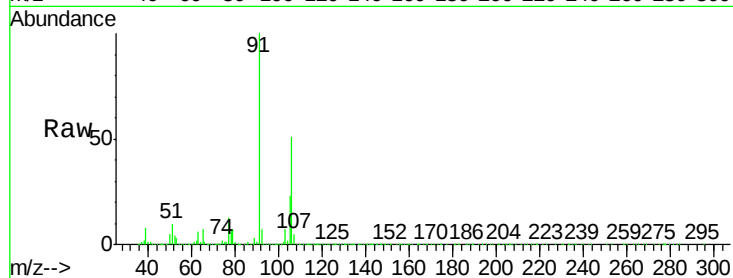
#67
m/p-Xylenes
Concen: 39.033 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.8	159.3	238.9

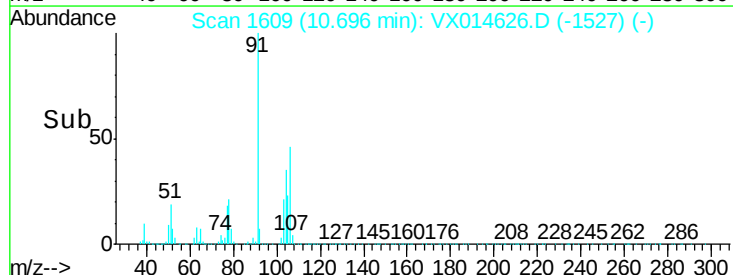
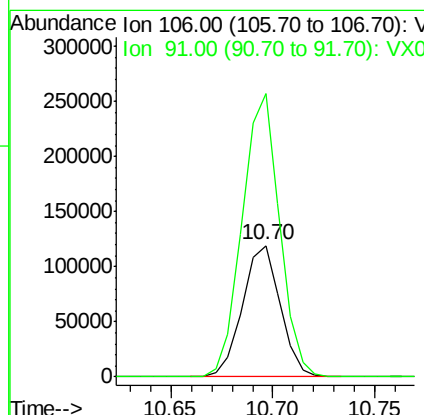
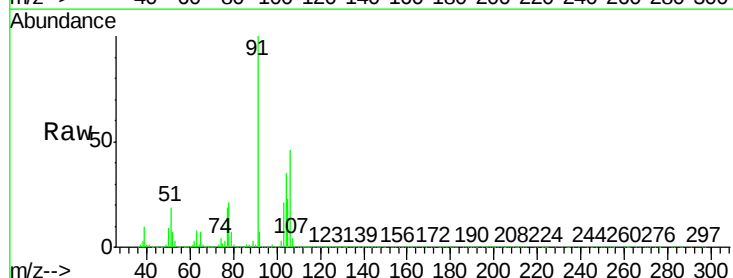
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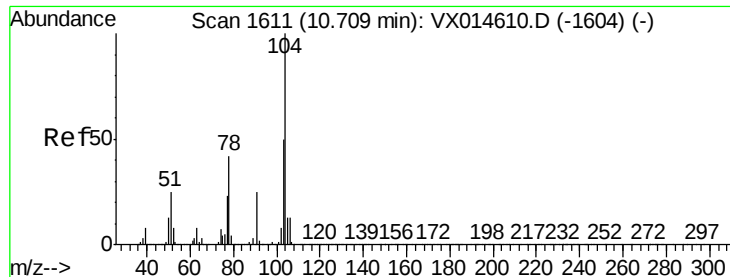
MMDadoda
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#68
o-Xylene
Concen: 19.147 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.8	104.8	314.6





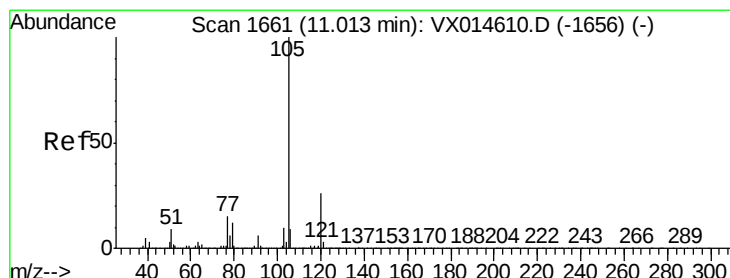
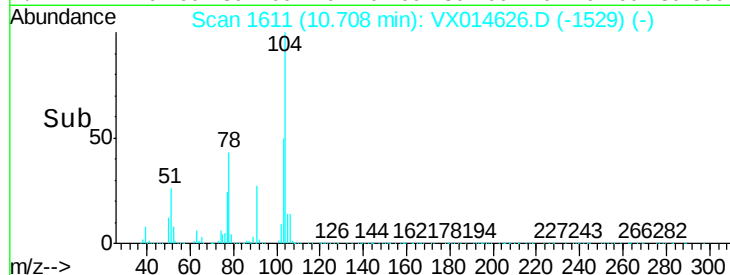
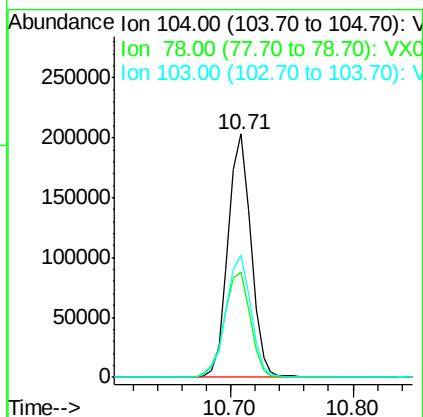
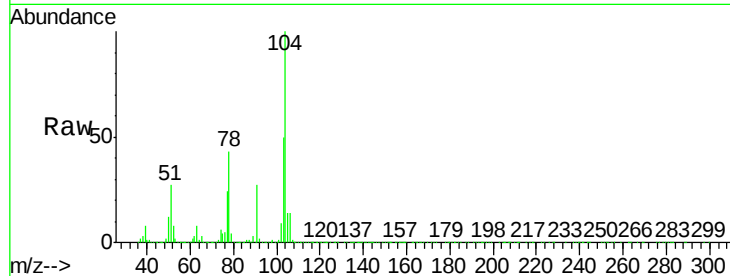
#69
Stvrene
Concen: 19.490 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	264316		
78	48.9		38.9	58.3
103	54.2		44.2	66.2

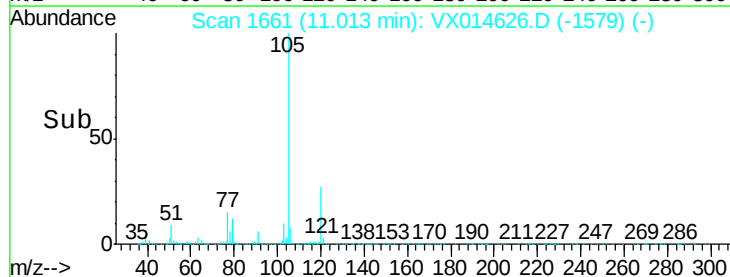
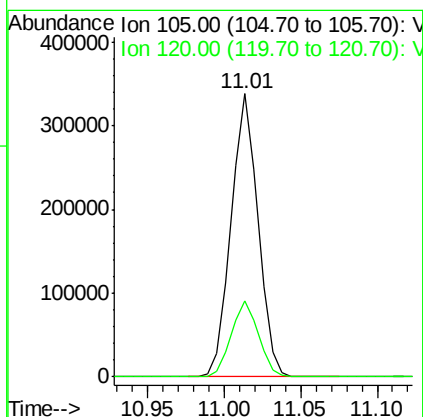
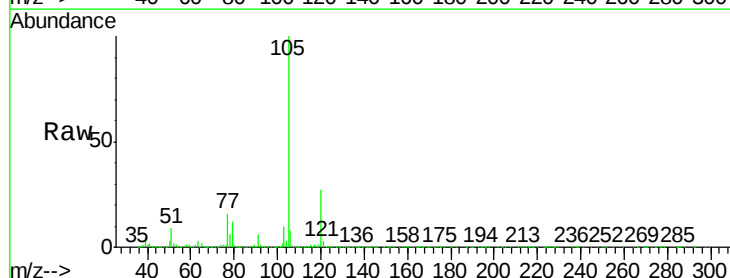
Manual Integrations
APPROVED

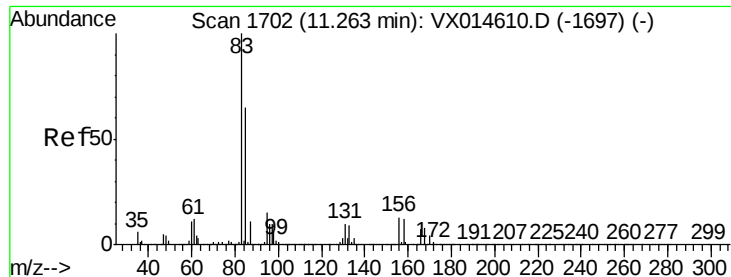
MMDadoda
1/16/2020 9:42:27 AM



#70
Isopropylbenzene
Concen: 19.684 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	412770		
120	27.0		19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 19.441 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

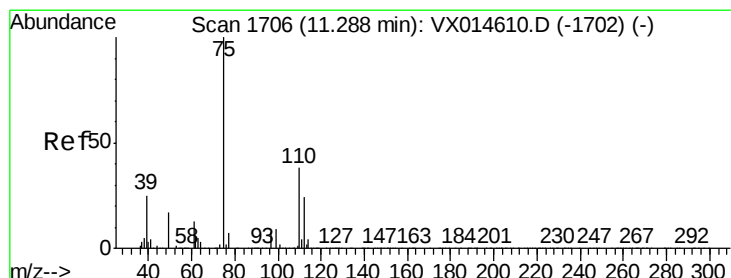
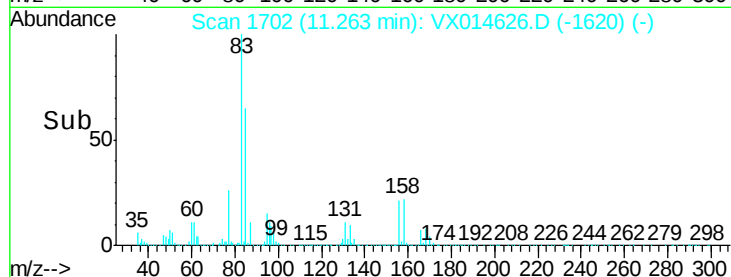
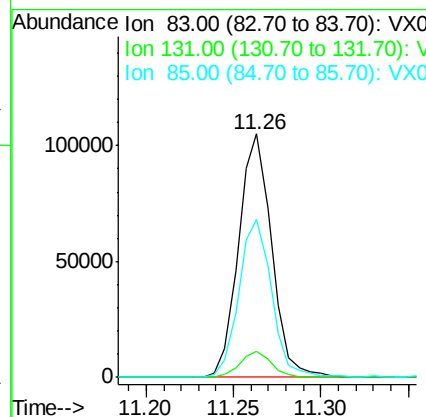
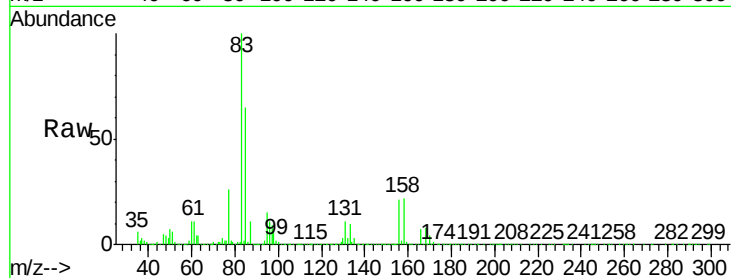
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	137324
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.7
85	64.3	31.6	94.7

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 19.724 ug/l m

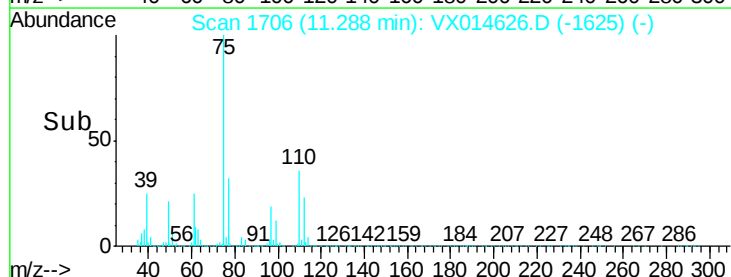
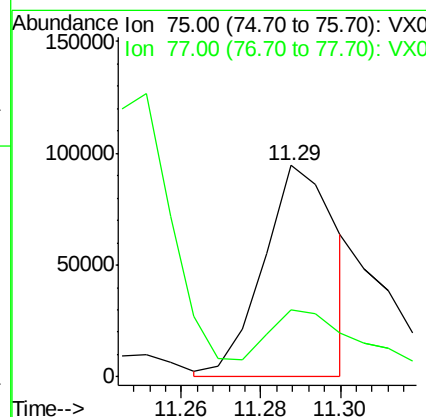
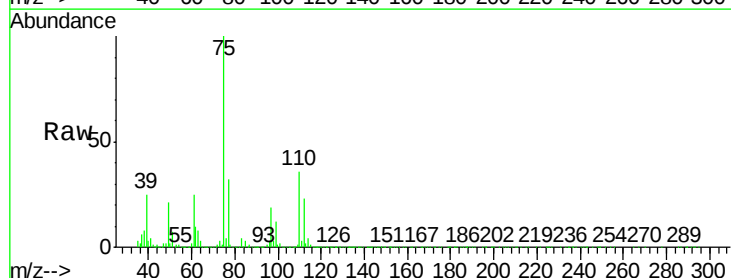
RT: 11.29 min Scan# 1706

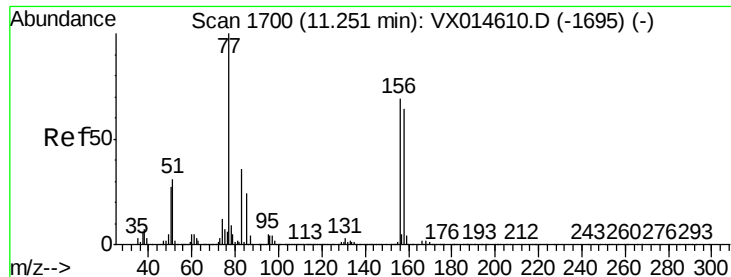
Delta R.T. -0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:	75	Resp:	119174
Ion Ratio	Lower	Upper	
75	100		
77	40.4	0.0	68.4





#73

Bromobenzene

Concen: 19.312 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

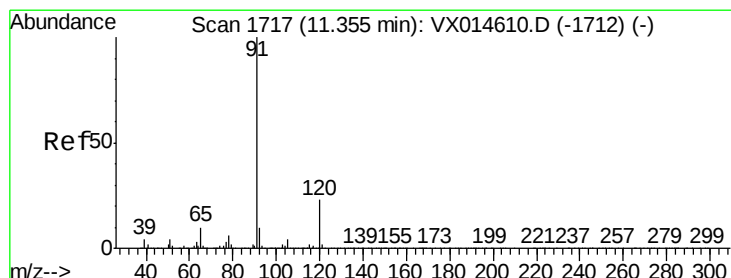
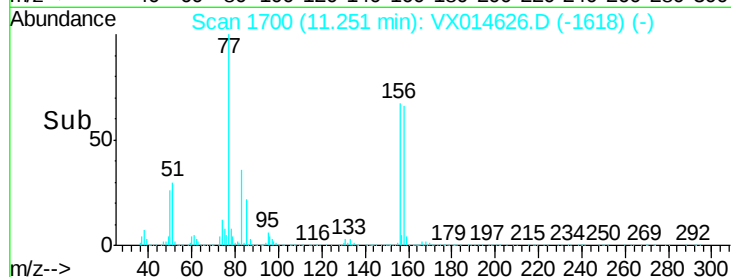
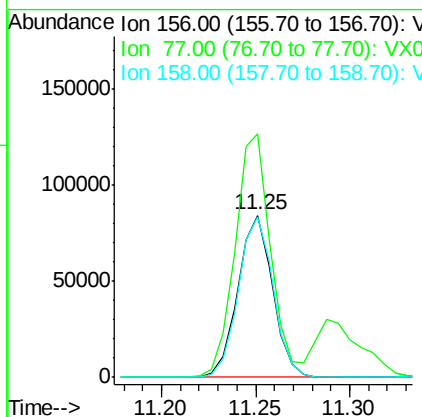
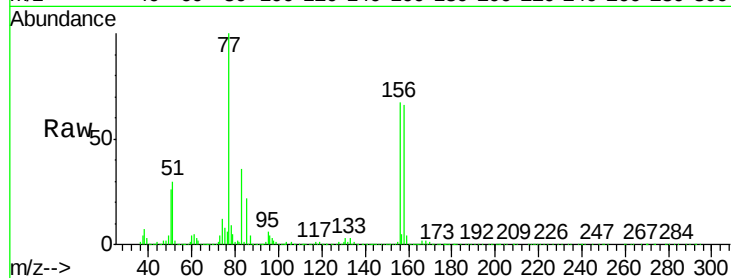
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	107352
Ion Ratio	Lower	Upper	
156	100		
77	153.9	0.0	304.6
158	99.4	0.0	195.2

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#74

n-propylbenzene

Concen: 19.411 ug/l

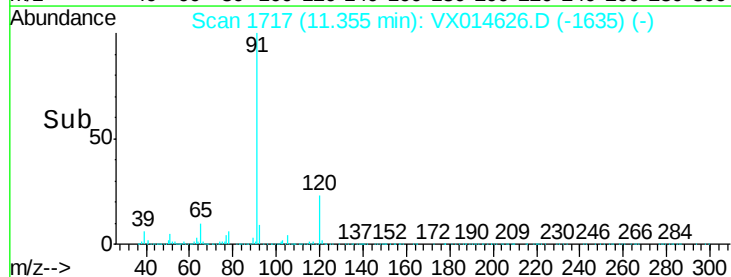
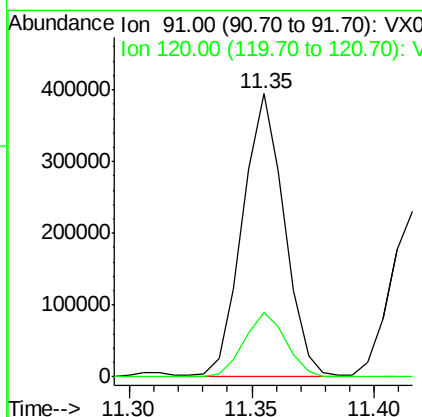
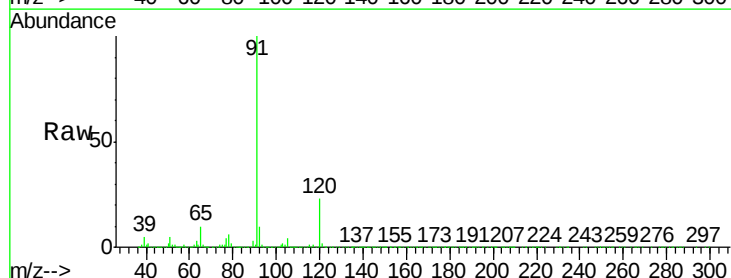
RT: 11.35 min Scan# 1717

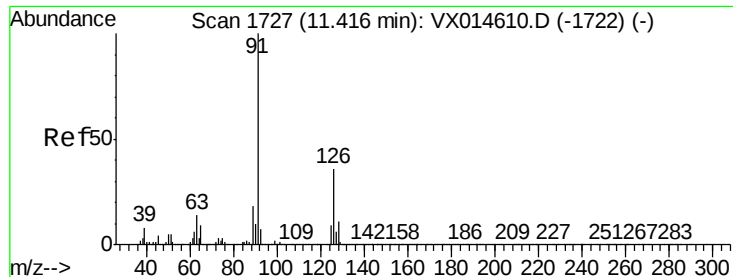
Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:	91	Resp:	465117
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	44.8





#75

2-Chlorotoluene

Concen: 19.434 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 279093

Ion Ratio Lower Upper

91 100

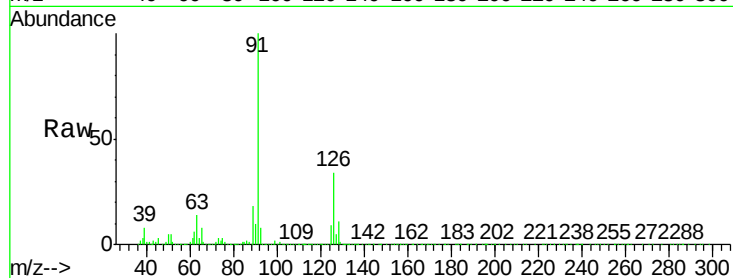
126 34.6 0.0 70.8

Manual Integrations

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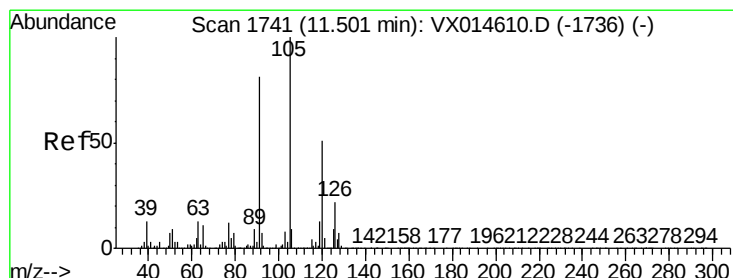
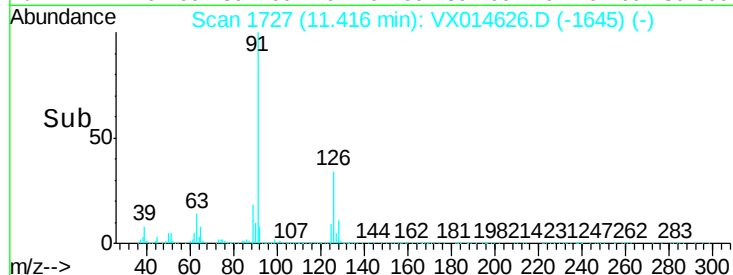
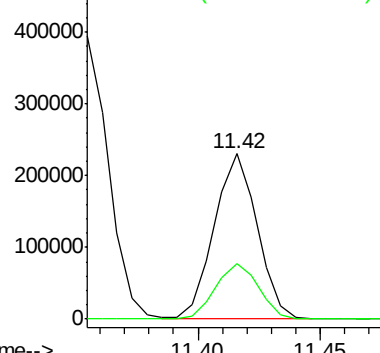
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.909 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014626.D

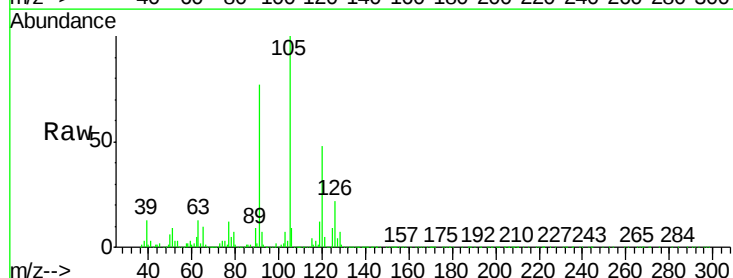
Acq: 15 Jan 2020 18:10

Tgt Ion: 105 Resp: 347878

Ion Ratio Lower Upper

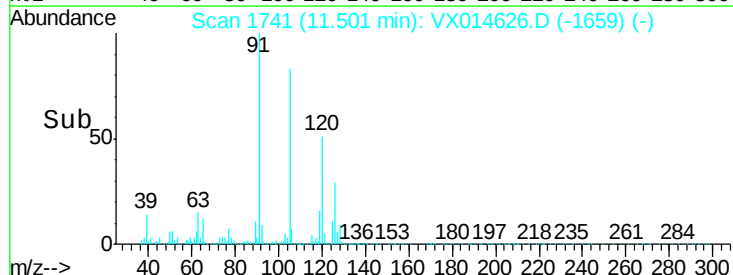
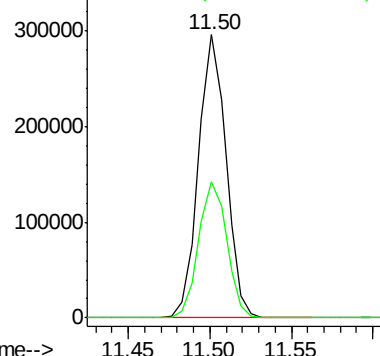
105 100

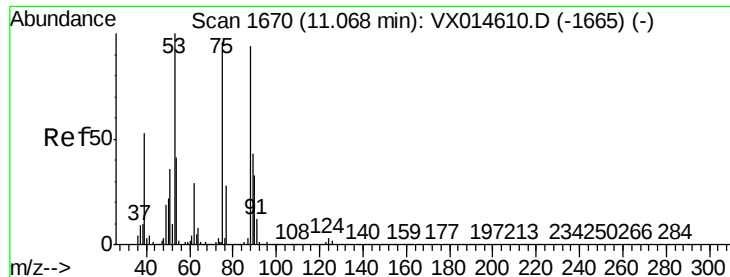
120 49.2 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





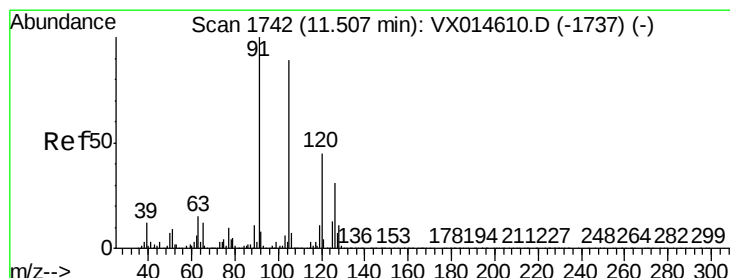
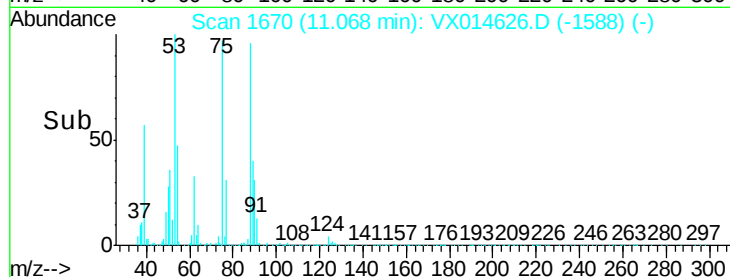
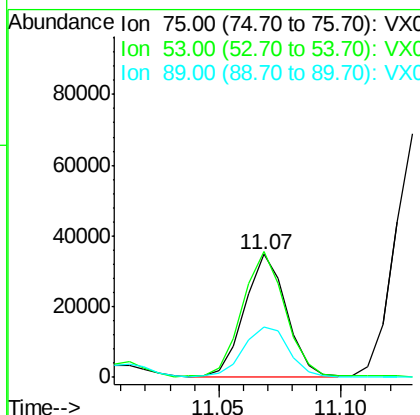
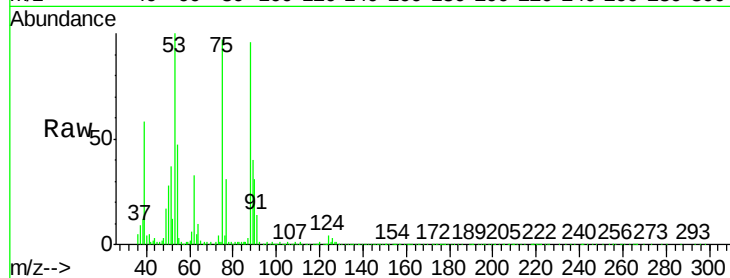
#77
t-1,4-Dichloro-2-butene
Concen: 17.546 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.6	54.4	163.1
89	40.5	21.9	65.5

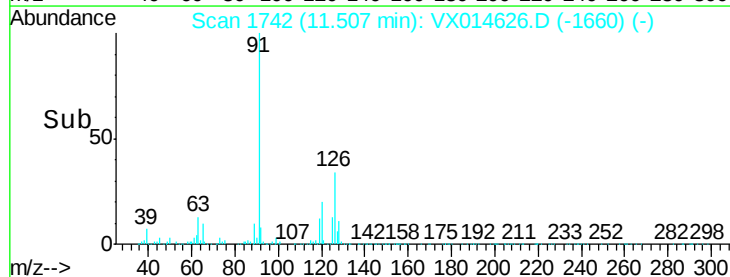
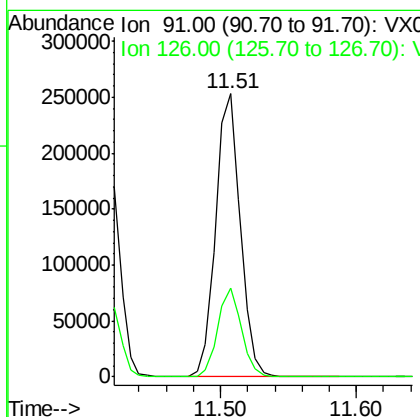
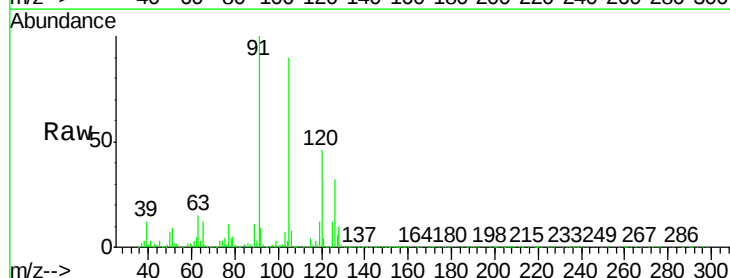
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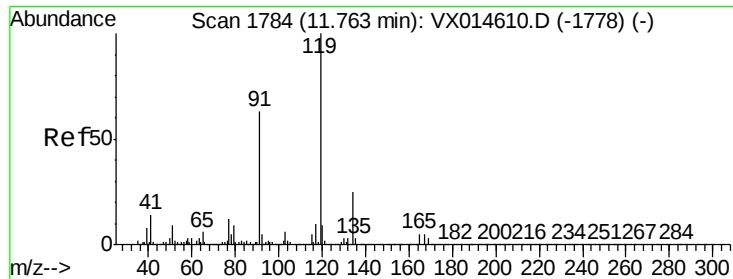
MMDadoda
1/16/2020 9:42:27 AM



#78
4-Chlorotoluene
Concen: 19.378 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	59.6





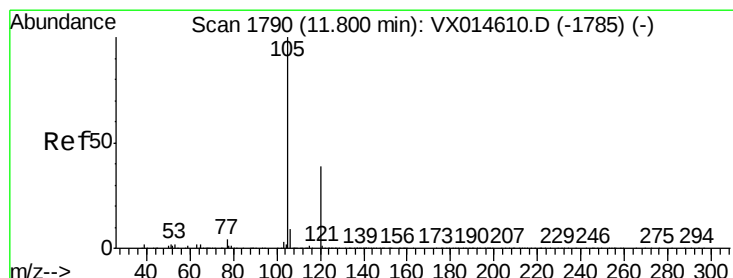
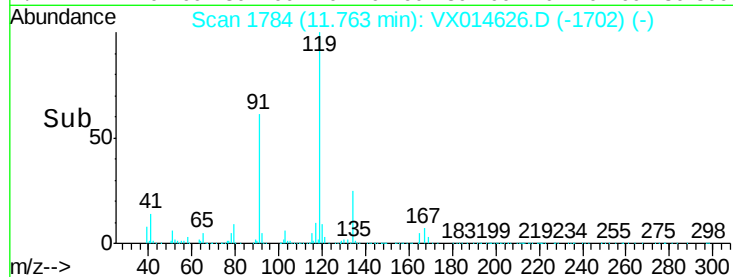
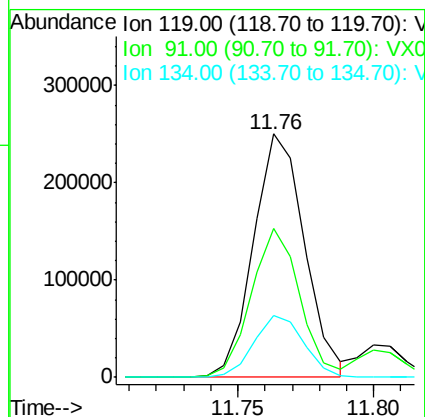
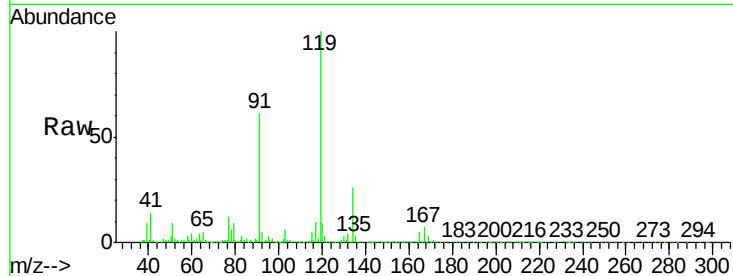
#79
tert-butylbenzene
Concen: 19.841 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	324383		
91	58.4	0.0	112.6	
134	25.0	0.0	49.8	

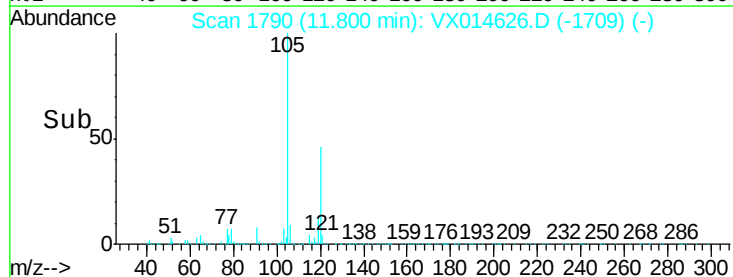
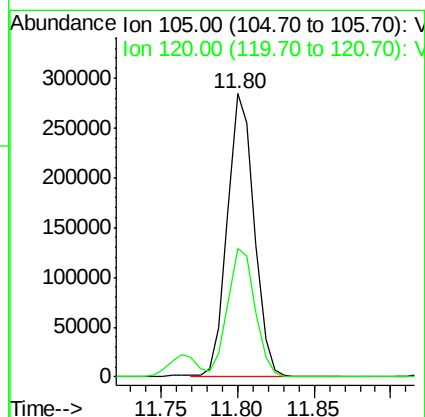
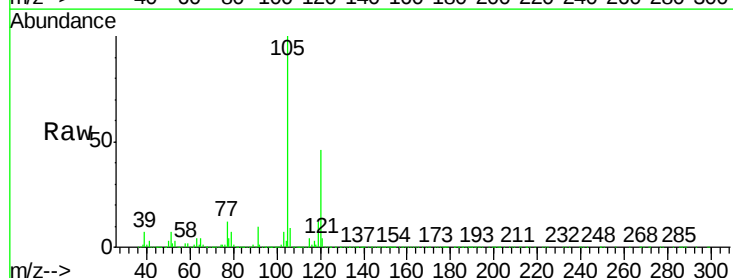
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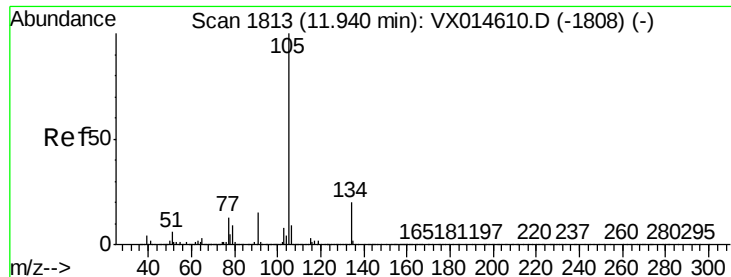
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#80
1,2,4-Trimethylbenzene
Concen: 19.782 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	344755		
120	46.2	0.0	92.0	





#81

sec-Butylbenzene

Concen: 19.598 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 396495

Ion Ratio Lower Upper

105 100

134 20.2

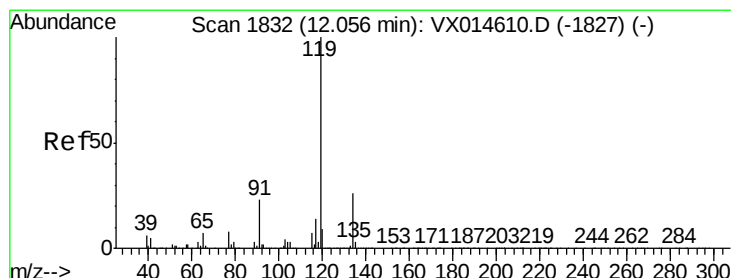
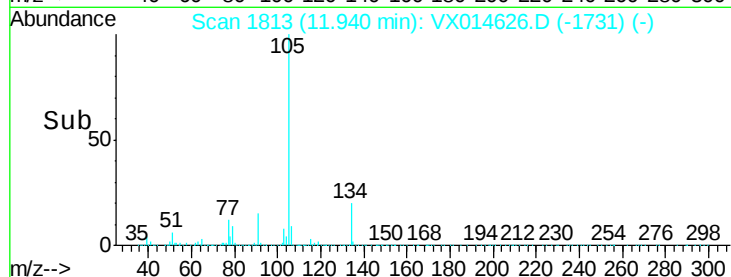
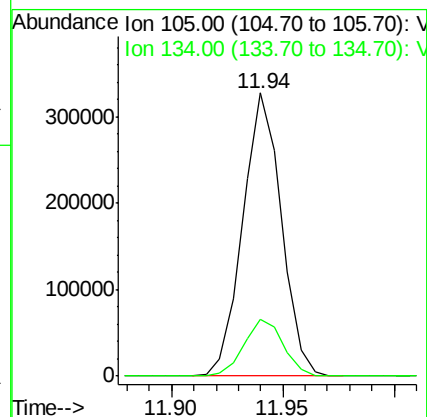
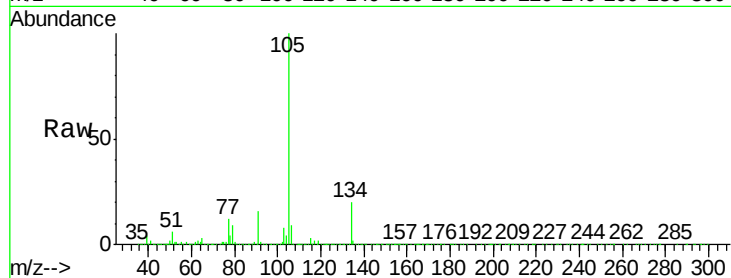
0.0

40.2

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#82

p-Isopropyltoluene

Concen: 19.405 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion:119 Resp: 358399

Ion Ratio Lower Upper

119 100

134 26.6

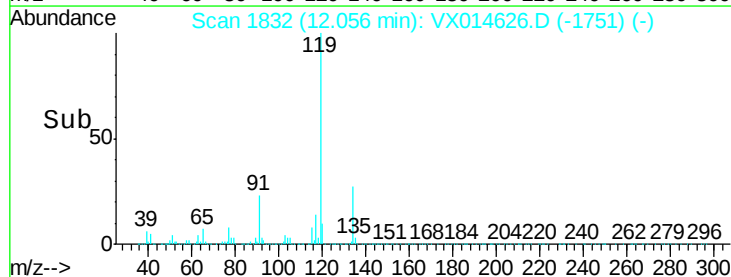
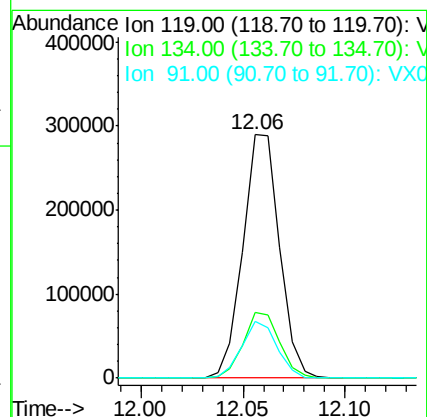
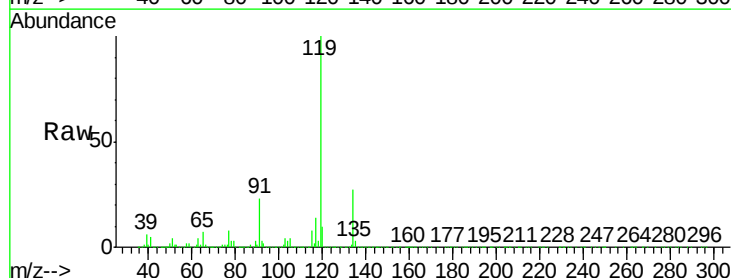
0.0

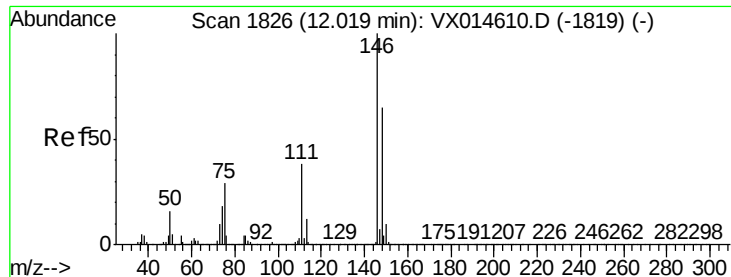
53.8

91 22.4

0.0

45.0





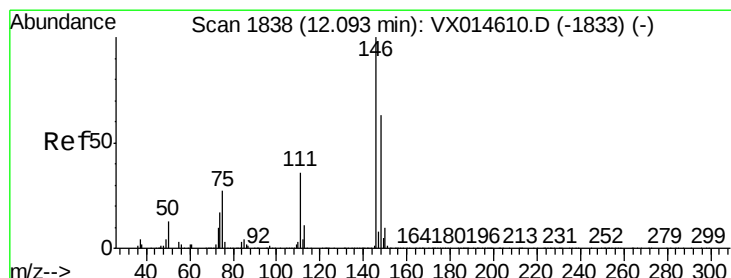
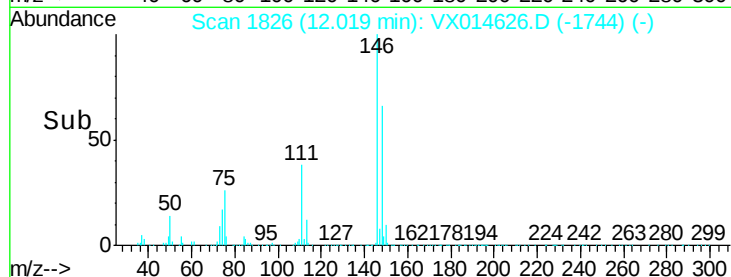
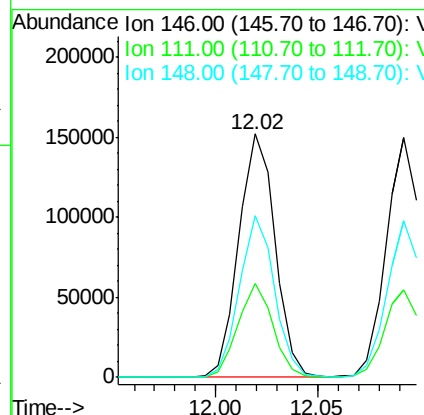
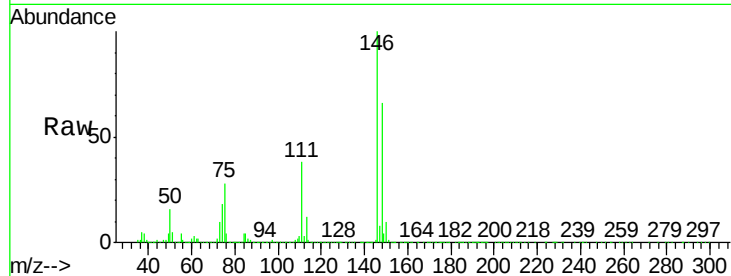
#83
 1,3-Dichlorobenzene
 Concen: 19.349 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014626.D
 Acq: 15 Jan 2020 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.3	57.9
148	63.6	32.2	96.6

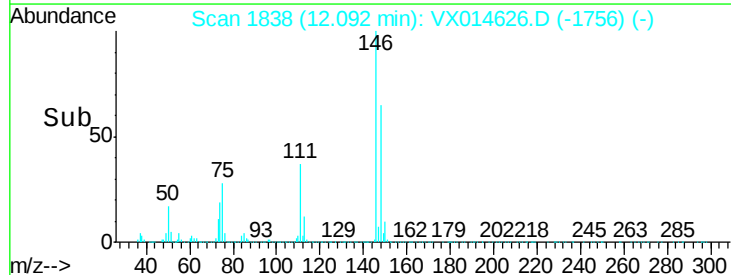
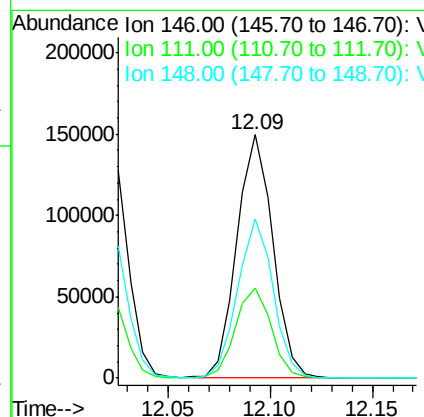
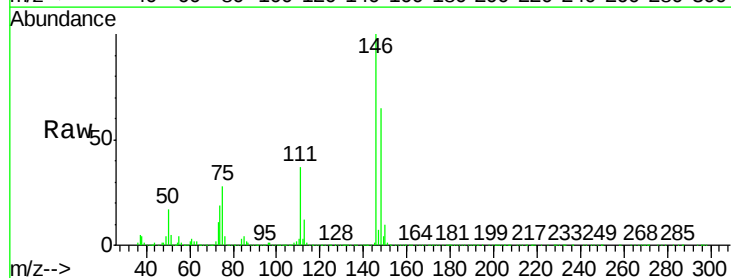
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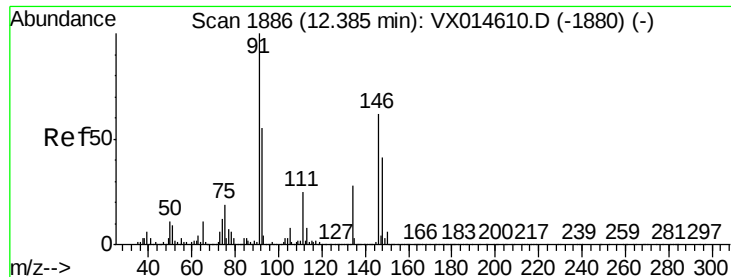
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#84
 1,4-Dichlorobenzene
 Concen: 19.029 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014626.D
 Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.4
148	63.9	32.0	96.0





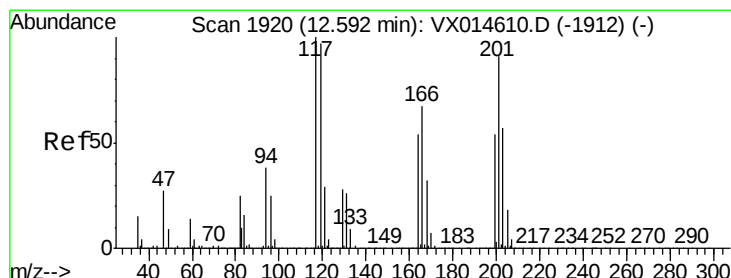
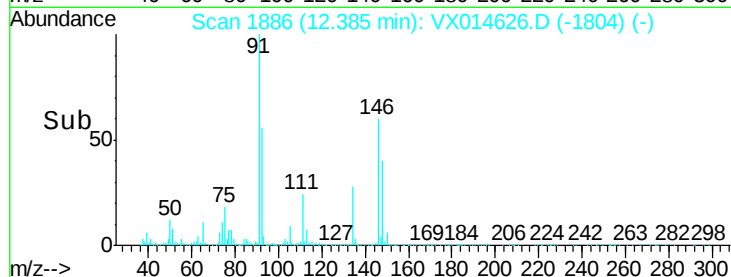
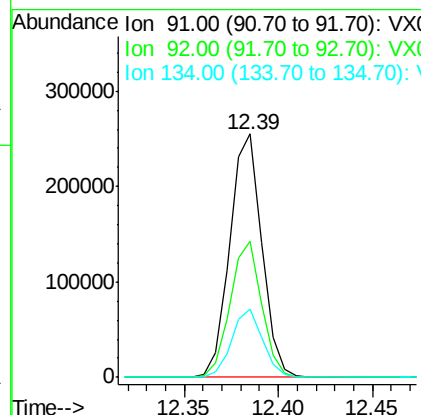
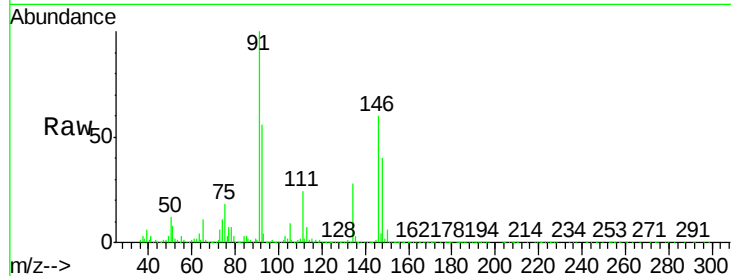
#85
n-Butylbenzene
Concen: 18.561 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	299940		
92	55.0	0.0	109.0	
134	26.9	0.0	54.0	

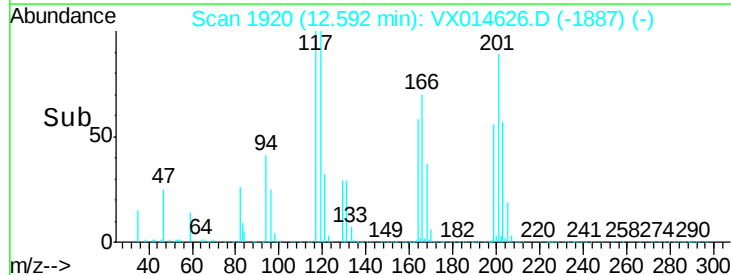
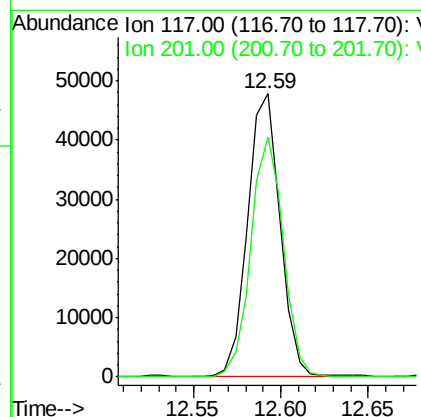
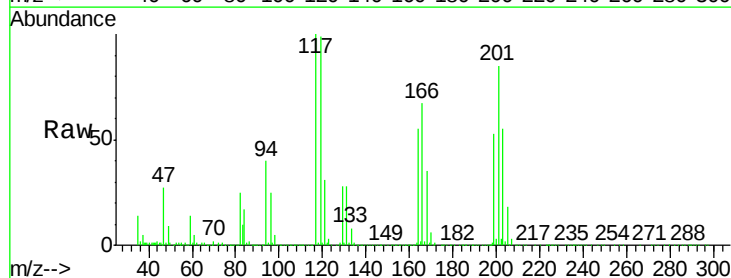
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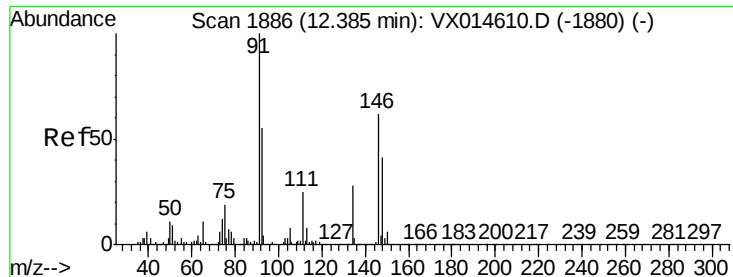
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#86
Hexachloroethane
Concen: 18.516 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61325		
201	84.8	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 18.976 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

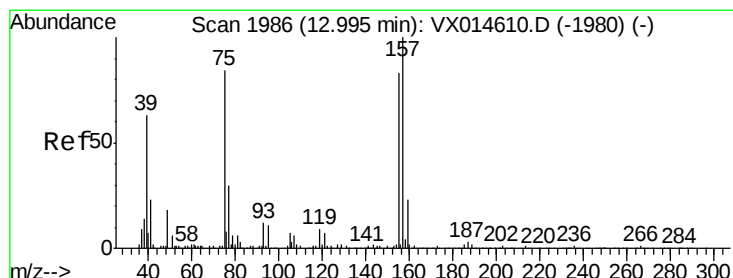
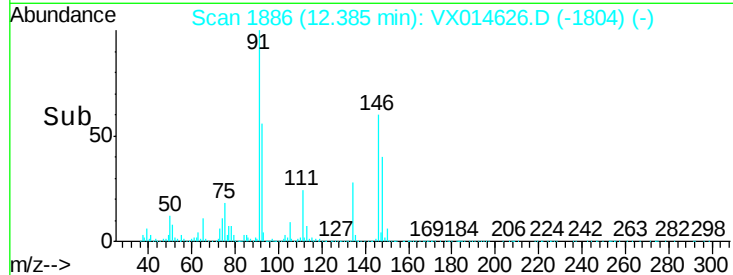
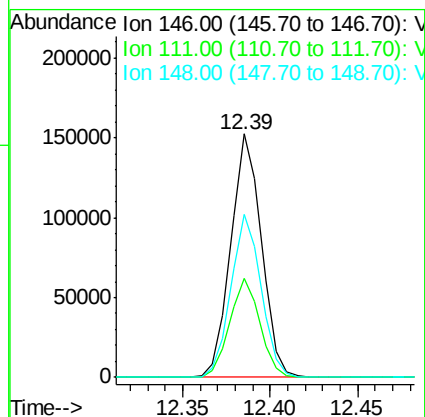
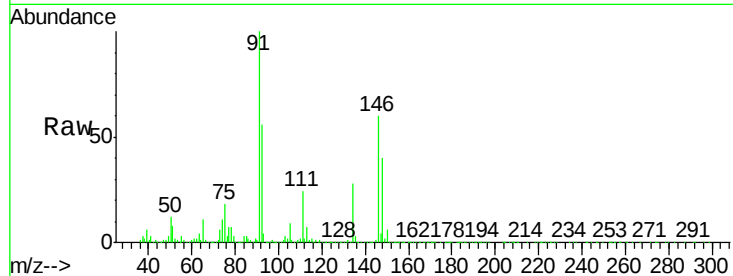
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	65.8	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.479 ug/l

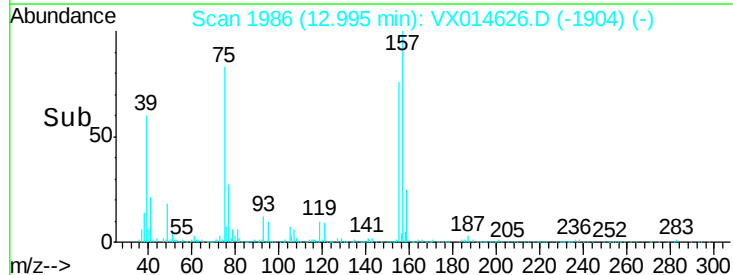
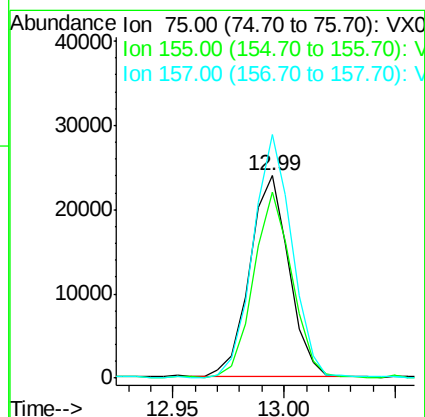
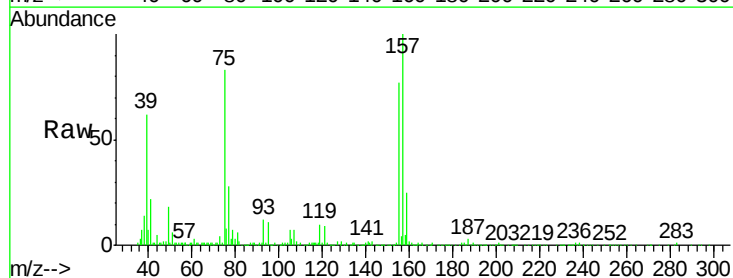
RT: 12.99 min Scan# 1986

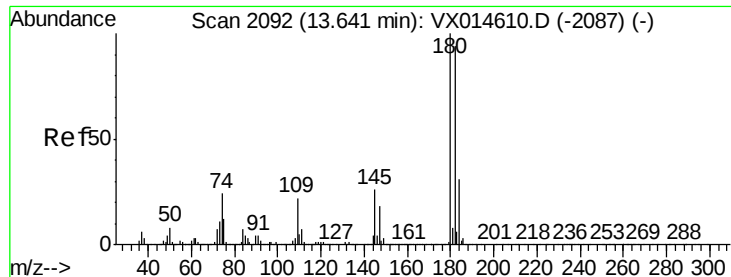
Delta R.T. 0.00 min

Lab File: VX014626.D

Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	73.8	110.6
157	119.3	95.0	142.4





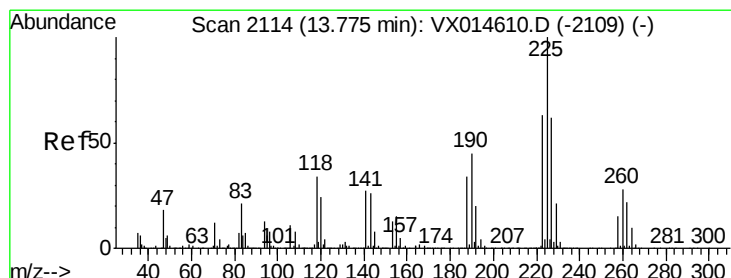
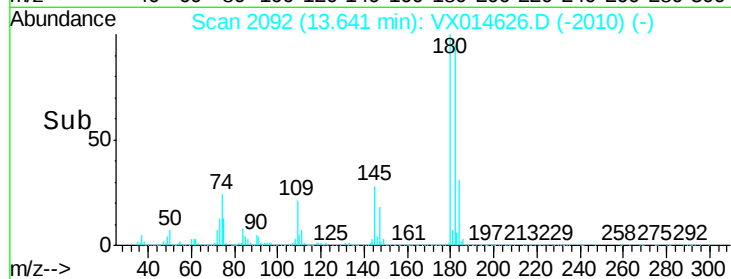
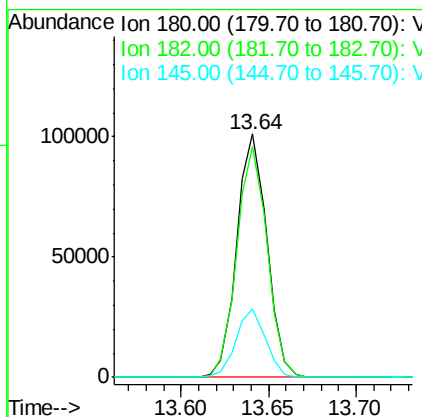
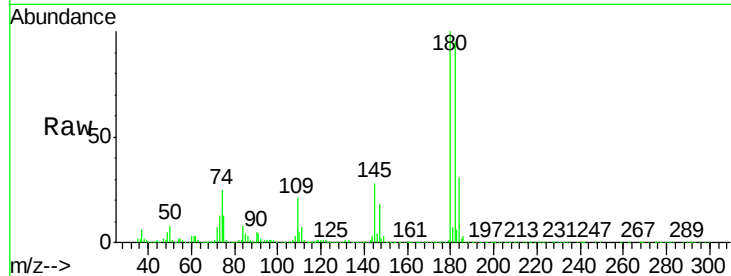
#89
1,2,4-Trichlorobenzene
Concen: 18.725 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.4	114.6
145	27.7	21.9	32.9

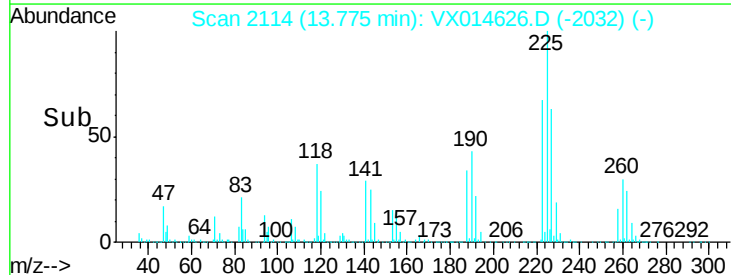
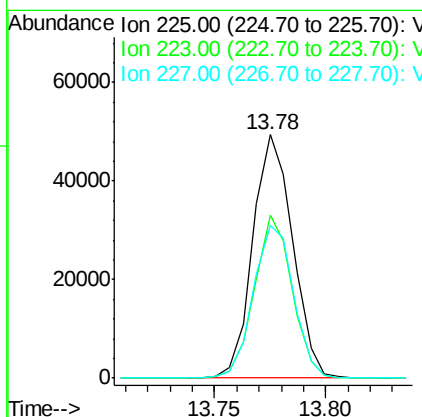
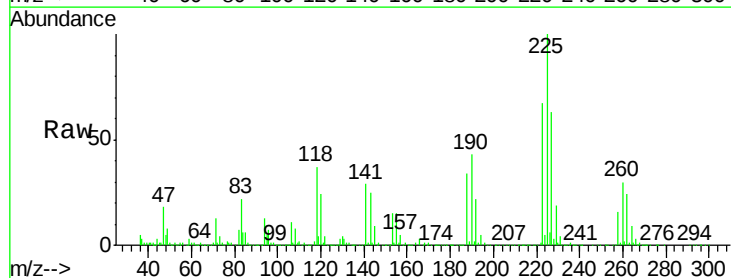
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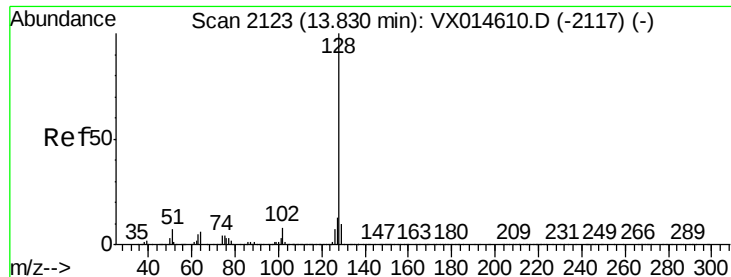
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#90
Hexachlorobutadiene
Concen: 19.106 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	127.4
227	63.4	0.0	122.8





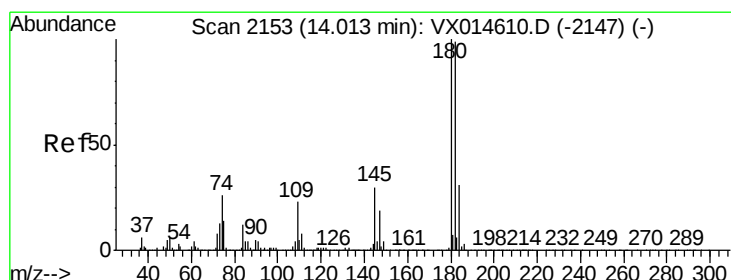
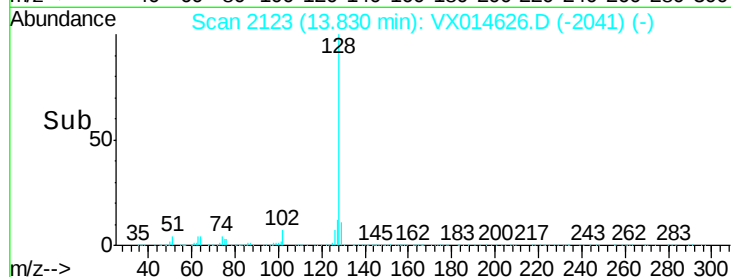
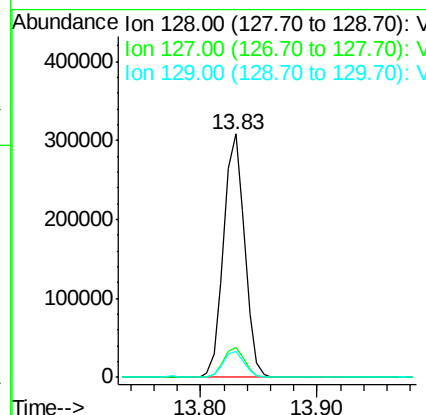
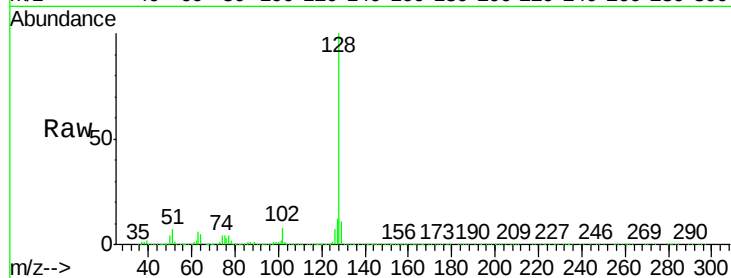
#91
Naphthalene
Concen: 19.524 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.7	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.299 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014626.D
Acq: 15 Jan 2020 18:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	192.8
145	28.7	0.0	60.0

