

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014612.D
 Acq On : 15 Jan 2020 11:57
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:42:06 AM

Quant Time: Jan 15 12:25:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	75708	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	421932	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	390012	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	159534	29.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.07%
60) 4-Bromofluorobenzene	11.13	95	186337	29.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.63%
63) Toluene-d8	8.71	98	520932	29.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	543663	142.159	ug/l 99
3) Chloromethane	1.32	50	587883	109.067	ug/l 97
4) Vinyl Chloride	1.40	62	670635	121.372	ug/l 99
5) Bromomethane	1.63	94	432731	107.133	ug/l 98
6) Chloroethane	1.71	64	362464	106.200	ug/l 100
7) Trichlorofluoromethane	1.92	101	708529	103.049	ug/l 100
8) Diethyl Ether	2.18	74	315356	99.785	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	420290	102.493	ug/l 99
10) 1,1-Dichloroethene	2.36	96	427704	100.886	ug/l 94
11) Methyl Iodide	2.50	142	641005	117.453	ug/l 99
12) Methyl Acetate	2.76	43	790856	120.500	ug/l 100
13) Acrolein	2.28	56	391322	491.598	ug/l 99
14) Acrylonitrile	3.13	53	1322153	515.318	ug/l 100
15) Acetone	2.44	58	435229	577.449	ug/l 90
16) Carbon Disulfide	2.56	76	1205467	104.963	ug/l 99
17) Allyl chloride	2.72	41	805889	105.787	ug/l 96
18) Methylene Chloride	2.85	84	488596	94.056	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	460961	99.293	ug/l 96
20) Diisopropyl ether	3.84	45	1577733	100.932	ug/l 98
21) 1,1-Dichloroethane	3.69	63	846781	99.812	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	529891	98.461	ug/l 96
23) tert-Butyl Alcohol	3.03	59	513265	510.029	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	1440924	100.617	ug/l 100
25) Chloroform	5.20	83	815140	100.780	ug/l 98
26) Cyclohexane	5.58	56	785226	103.798	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	633804	103.993	ug/l 99
30) 2-Butanone	4.66	43	1970083	548.412	ug/l 99
31) 2,2-Dichloropropane	4.58	77	684798	121.468	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	697301	103.439	ug/l 99
33) Carbon Tetrachloride	5.78	117	605087	105.591	ug/l 99
34) Benzene	6.14	78	1933316	101.732	ug/l 99
35) Methacrylonitrile	5.03	41	405996	105.082	ug/l 98
36) 1,2-Dichloroethane	6.18	62	659299	99.873	ug/l 99
37) Trichloroethene	7.21	130	531472	102.778	ug/l 95
38) Methylcyclohexane	7.46	83	796578	109.571	ug/l 98
39) 1,2-Dichloropropane	7.51	63	502008	101.707	ug/l 92
40) Dibromomethane	7.65	93	323844	102.706	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	651769	106.754	ug/l	99
42) Vinyl Acetate	3.80	43	6217507	490.223	ug/l	99
43) Ethyl Acetate	4.82	43	719749	104.416	ug/l	100
44) Isopropyl Acetate	6.43	43	1189750	103.054	ug/l	99
45) 1,4-Dioxane	7.73	88	215198	1990.477	ug/l	99
46) Methyl methacrylate	7.76	41	591484	105.476	ug/l	98
47) n-amyl Acetate	10.89	43	1053415	102.618	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	742953	111.494	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	824202	109.983	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	489662	100.625	ug/l	98
51) Ethyl methacrylate	9.17	69	809835	104.625	ug/l	99
52) 1,3-Dichloropropane	9.37	76	837449	101.292	ug/l	100
53) Dibromochloromethane	9.58	129	529139	108.745	ug/l	99
54) 1,2-Dibromoethane	9.67	107	515188	102.827	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	1780257	521.752	ug/l	100
56) Bromoform	10.85	173	415499	109.500	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	3691392	505.857	ug/l	99
59) 2-Hexanone	9.49	43	2891470	522.126	ug/l	99
61) Tetrachloroethene	9.33	164	565059	109.518	ug/l	99
62) Toluene	8.78	91	2068439	99.717	ug/l	99
64) Chlorobenzene	10.14	112	1300938	100.106	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	482920	100.357	ug/l	98
66) Ethyl Benzene	10.25	91	2303088	101.456	ug/l	98
67) m/p-Xylenes	10.35	106	1772414	204.251	ug/l	100
68) o-Xylene	10.70	106	851268	99.024	ug/l	99
69) Styrene	10.71	104	1494553	102.234	ug/l	99
70) Isopropylbenzene	11.01	105	2248680	101.224	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	756058	95.969	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	612525m	87.348	ug/l	
73) Bromobenzene	11.25	156	589509	99.407	ug/l	100
74) n-propylbenzene	11.35	91	2610284	103.596	ug/l	98
75) 2-Chlorotoluene	11.42	91	1528139	100.373	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1891577	100.375	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	278729	120.364	ug/l	88
78) 4-Chlorotoluene	11.51	91	1763116	101.345	ug/l	98
79) tert-butylbenzene	11.76	119	1778999	97.939	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	1884975	100.034	ug/l	99
81) sec-Butylbenzene	11.94	105	2190339	101.378	ug/l	98
82) p-Isopropyltoluene	12.06	119	2021872	103.699	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	1055429	102.108	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	1062842	103.263	ug/l	98
85) n-Butylbenzene	12.38	91	1832432	111.780	ug/l	100
86) Hexachloroethane	12.59	117	374272	105.815	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	1052216	100.222	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	165417	105.345	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	726317	108.243	ug/l	98
90) Hexachlorobutadiene	13.77	225	354302	111.085	ug/l	98
91) Naphthalene	13.83	128	2228473	110.494	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	745986	109.608	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC100

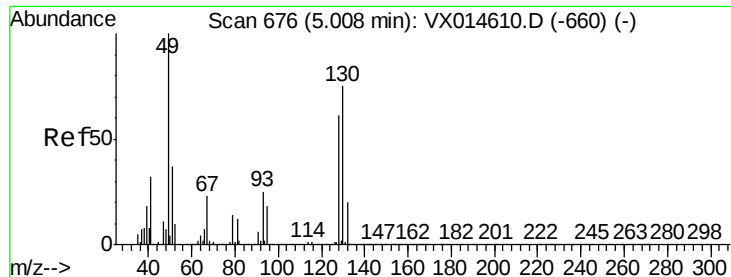
Manual Integrations
APPROVED

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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

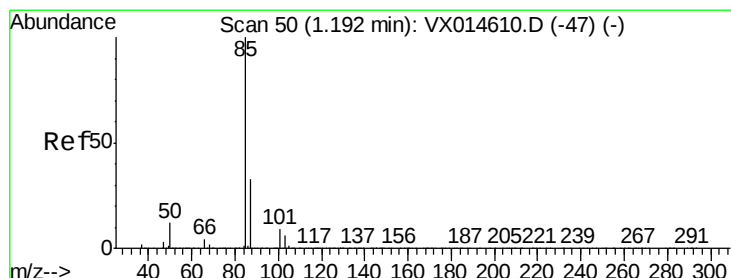
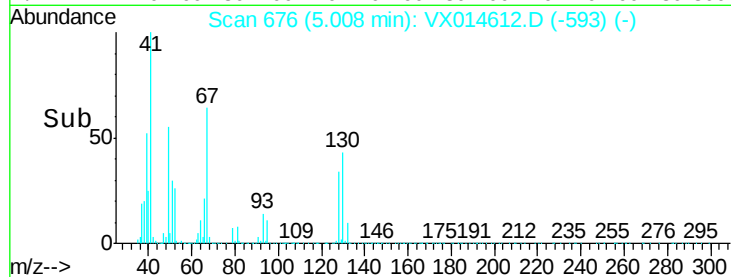
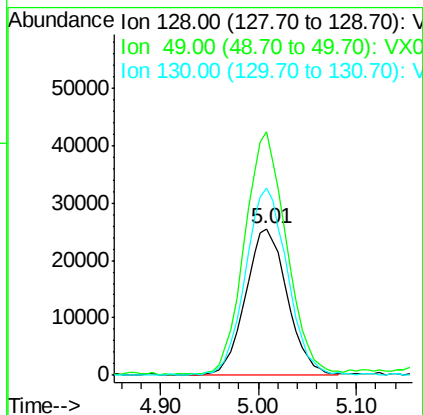
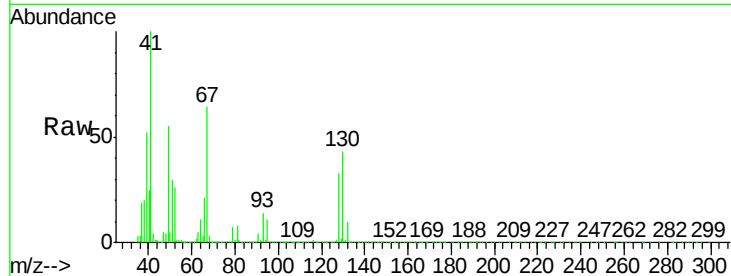
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	164.2	0.0	405.0
130	128.3	0.0	321.5

Manual Integrations
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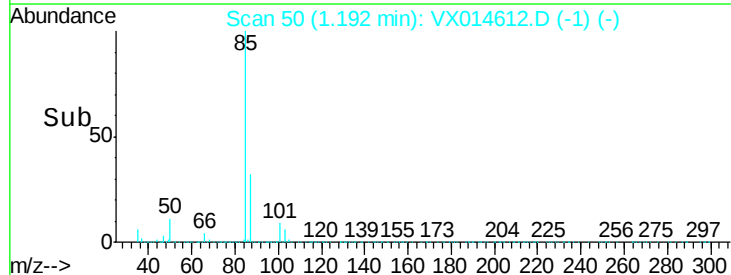
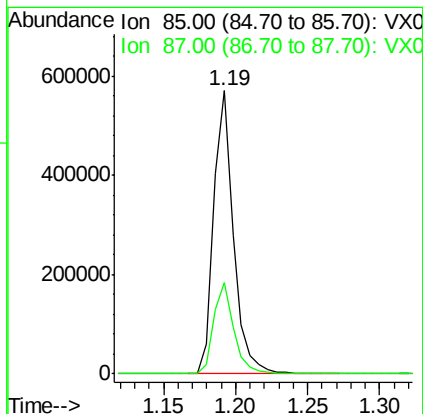
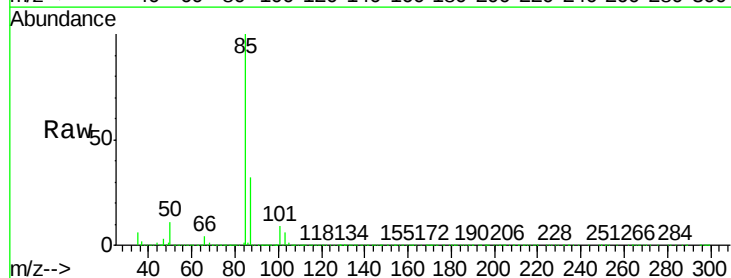
MMDadoda
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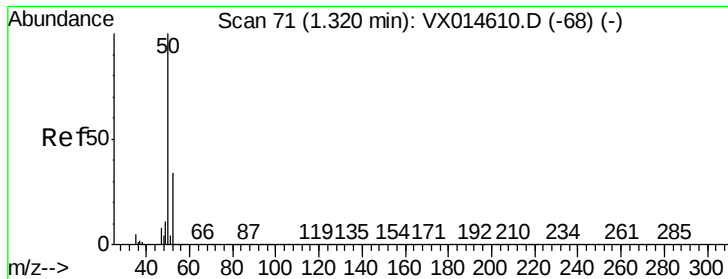


#2

Dichlorodifluoromethane
Concen: 142.159 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.3	48.9





#3

Chloromethane

Concen: 109.067 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 587883

Ion Ratio Lower Upper

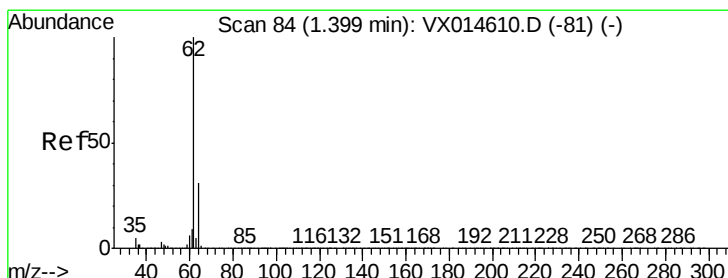
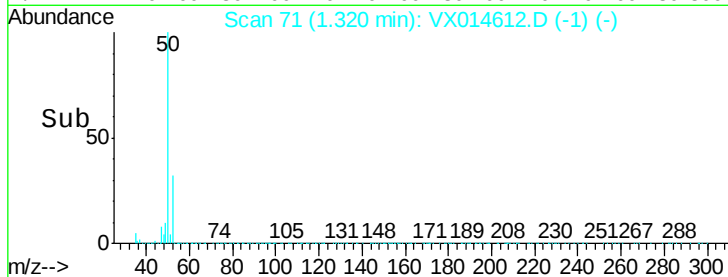
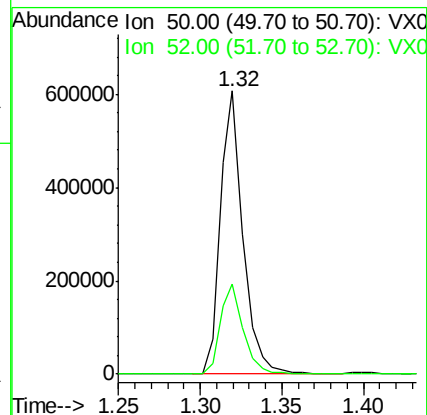
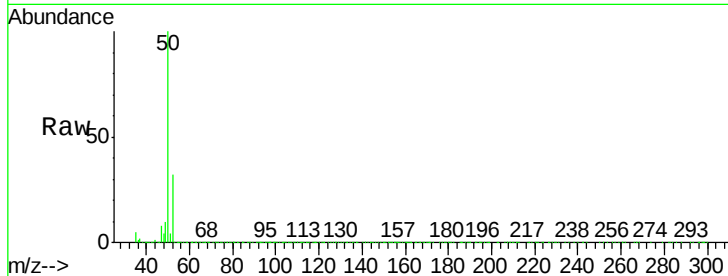
50 100

52 31.9 24.3 36.5

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 121.372 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014612.D

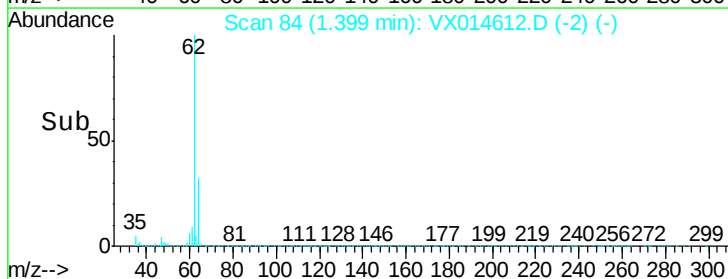
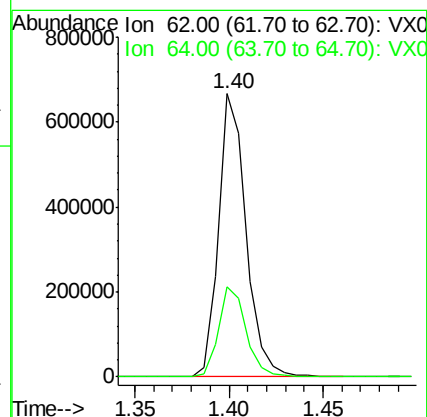
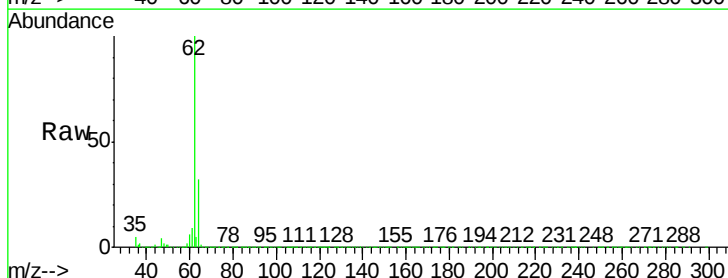
Acq: 15 Jan 2020 11:57

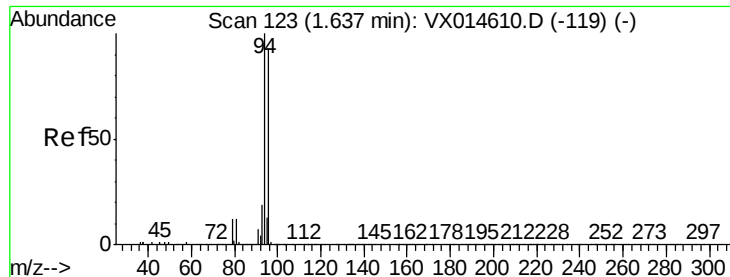
Tgt Ion: 62 Resp: 670635

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 107.133 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 432731

Ion Ratio Lower Upper

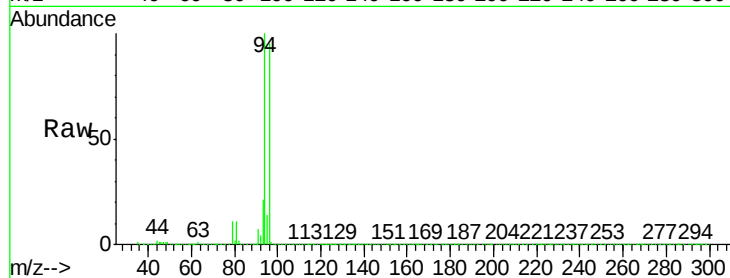
94 100

96 95.2 74.4 111.6

Manual Integrations
APPROVED

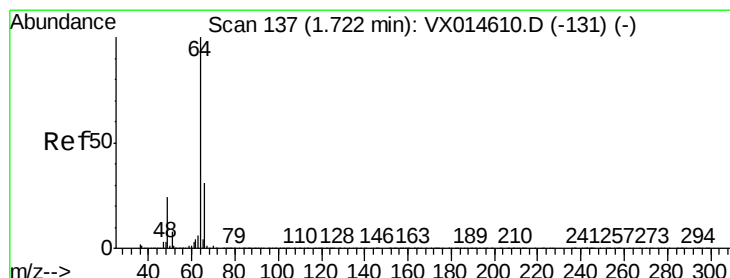
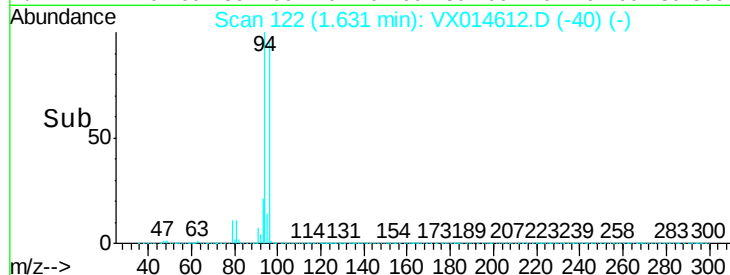
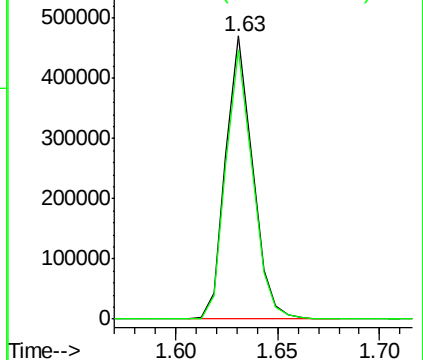
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 106.200 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014612.D

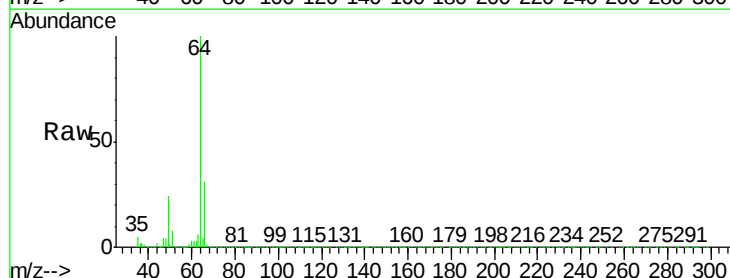
Acq: 15 Jan 2020 11:57

Tgt Ion: 64 Resp: 362464

Ion Ratio Lower Upper

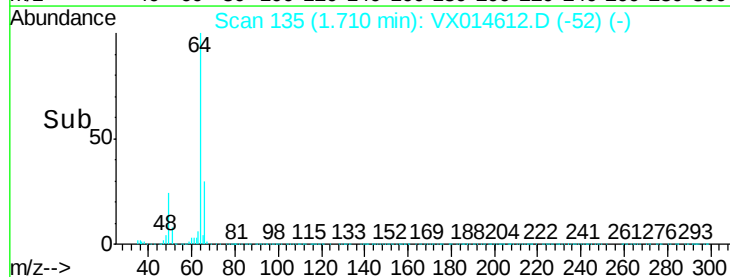
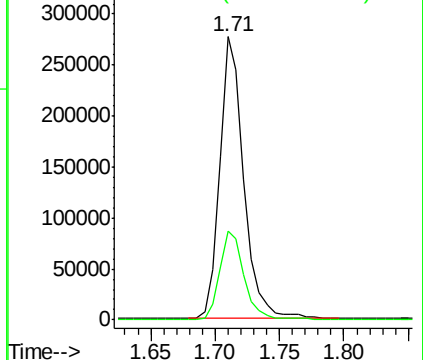
64 100

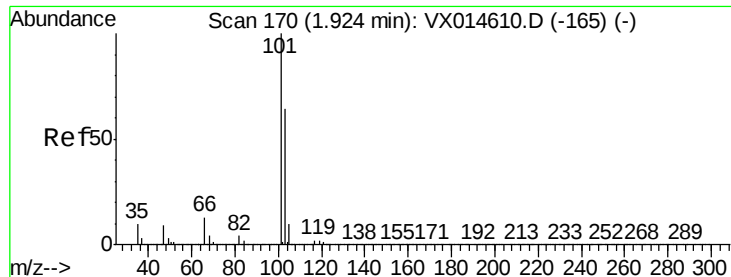
66 31.5 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

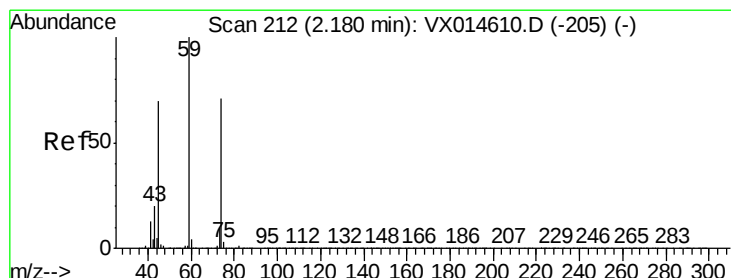
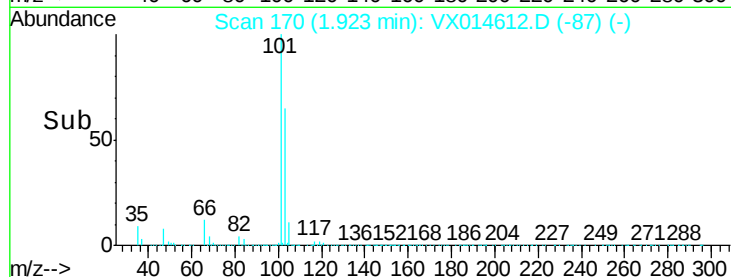
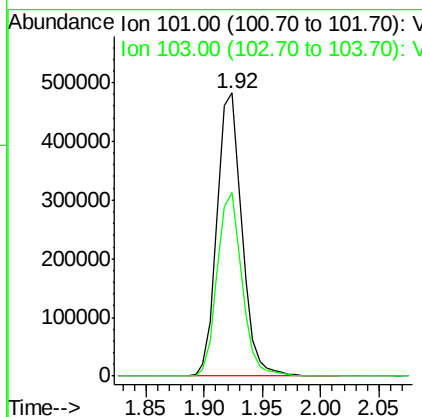
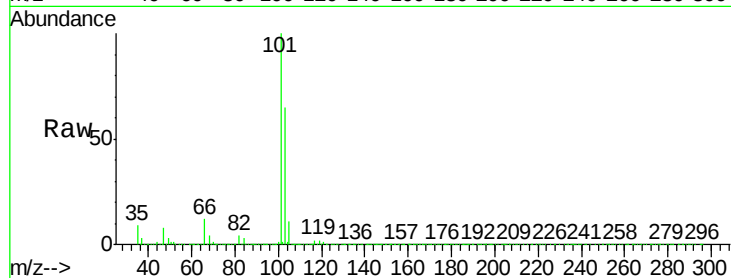
Trichlorofluoromethane
Concen: 103.049 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.6	77.4

Manual Integrations
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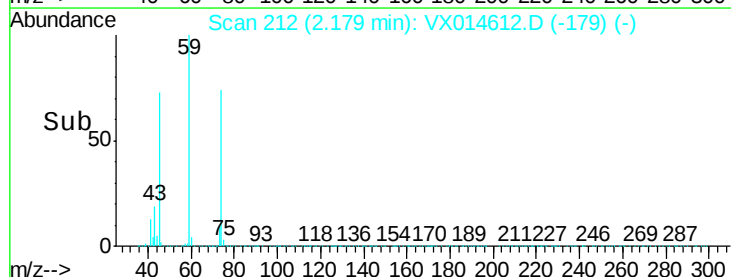
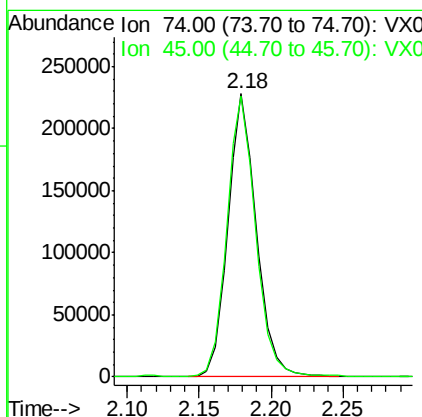
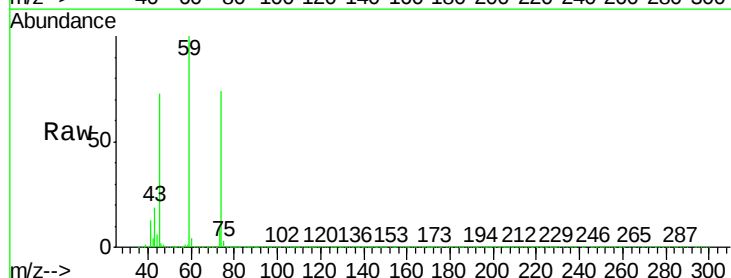
MMDadoda
1/16/2020 9:42:06 AM

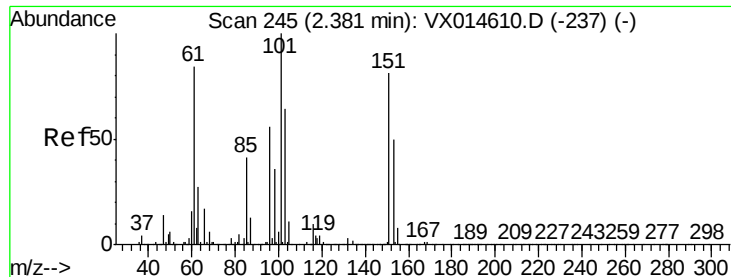


#8

Diethyl Ether
Concen: 99.785 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	20.6	185.0





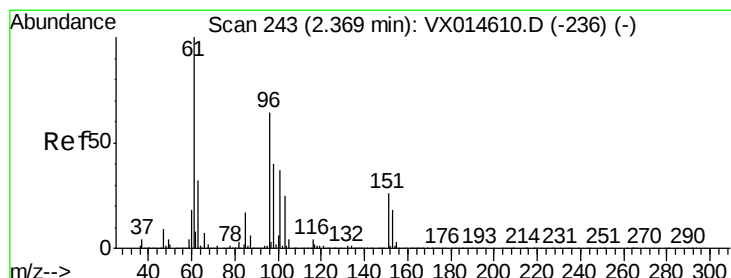
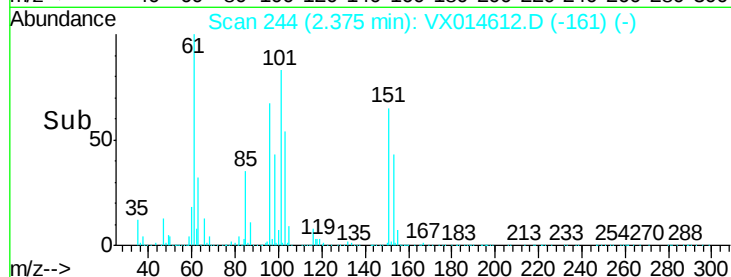
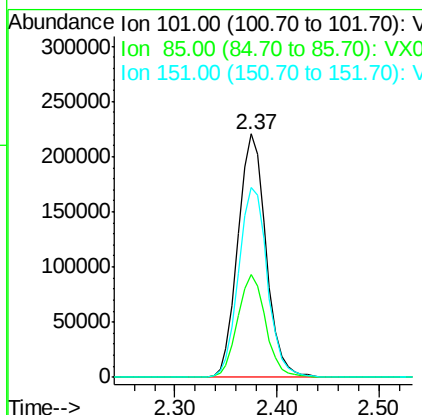
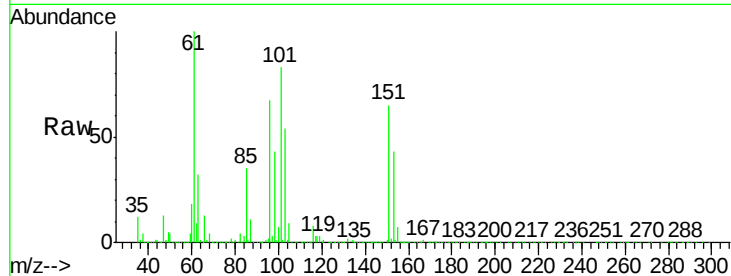
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.493 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	42.1	0.0	85.6
151	80.0	0.0	159.4

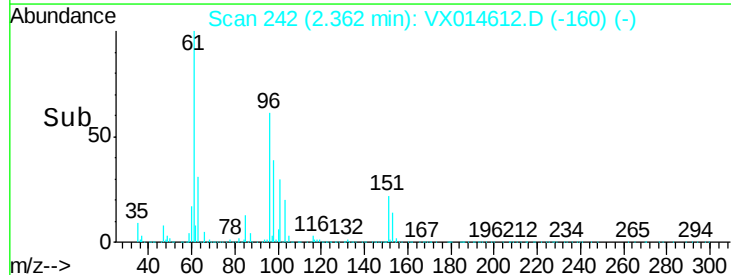
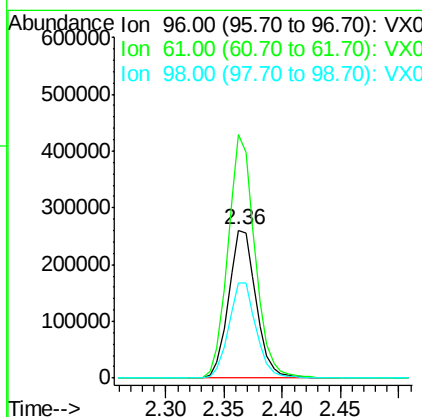
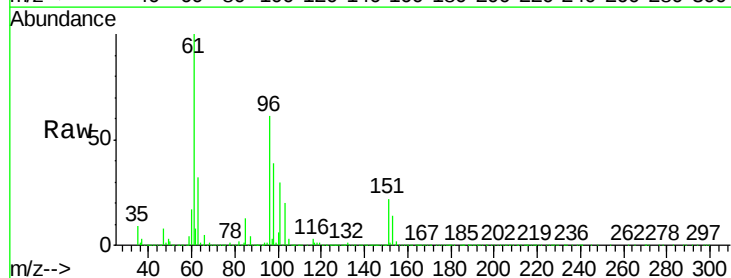
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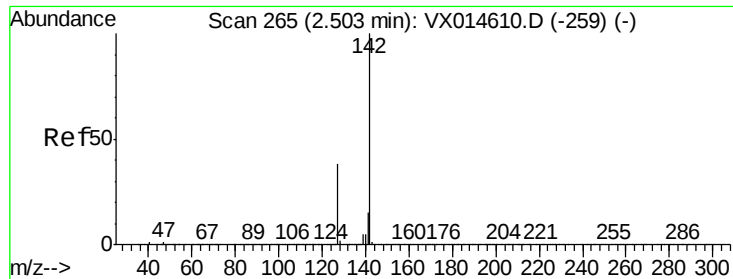
MMDadoda
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#10
1,1-Dichloroethene
Concen: 100.886 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	164.8	123.0	184.6
98	64.5	51.4	77.0





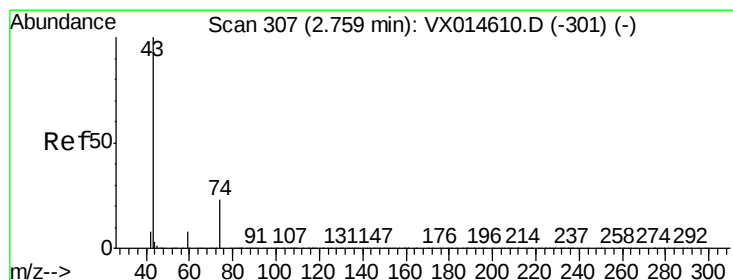
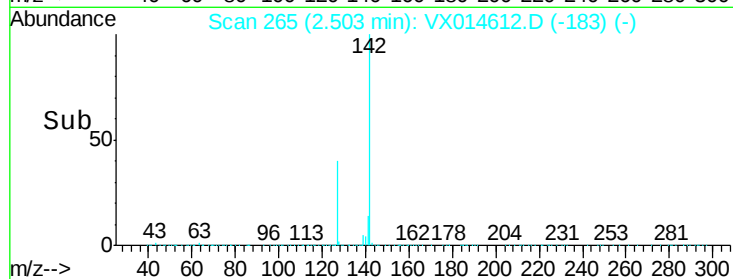
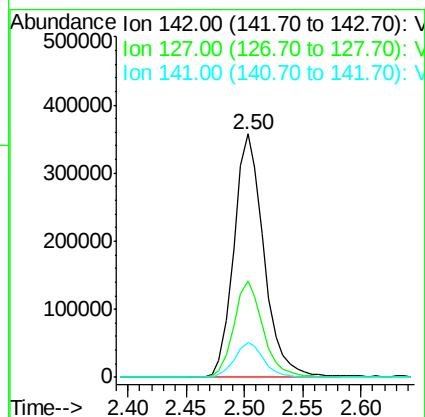
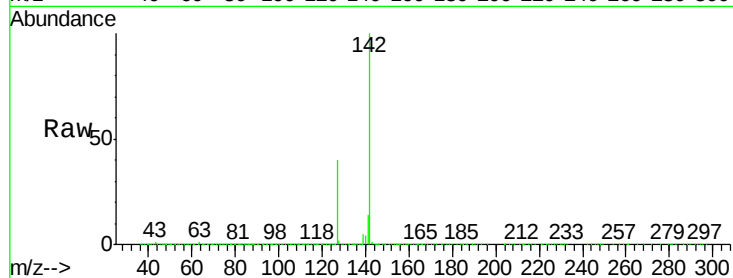
#11
Methvl Iodide
Concen: 117.453 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.8	19.5	58.5
141	14.3	7.0	20.9

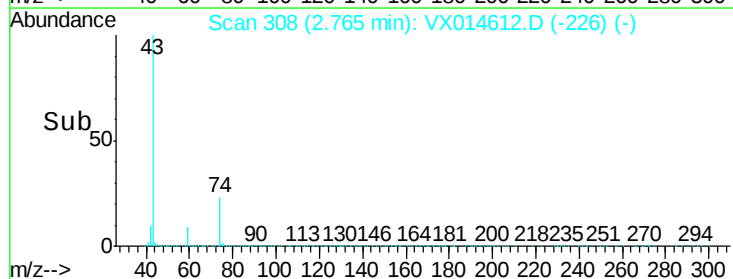
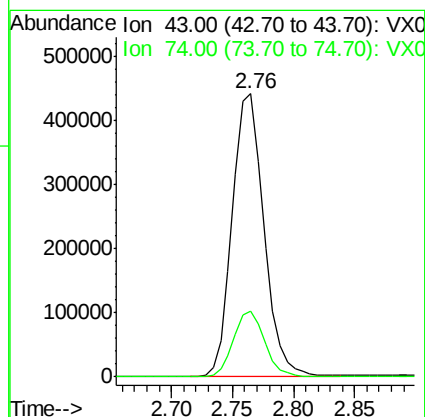
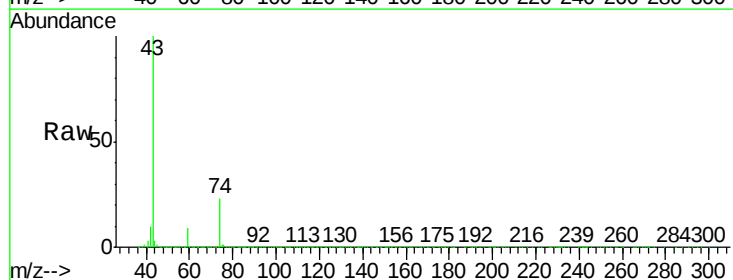
Manual Integrations
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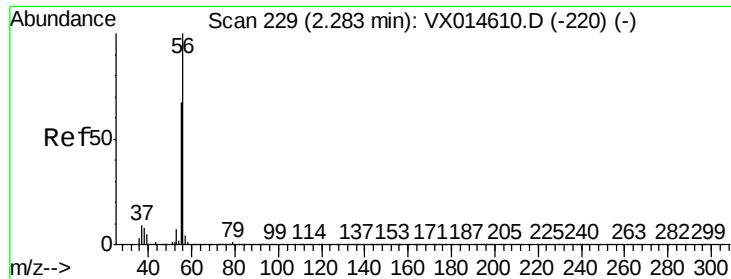
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#12
Methyl Acetate
Concen: 120.500 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.5	27.7





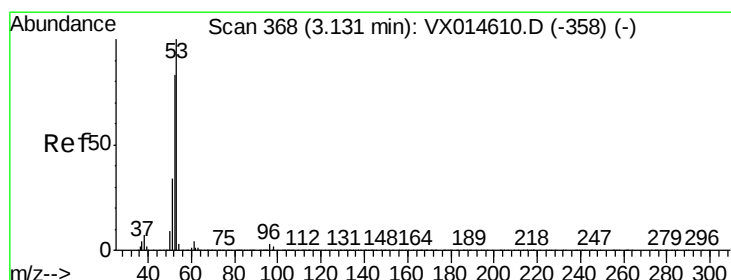
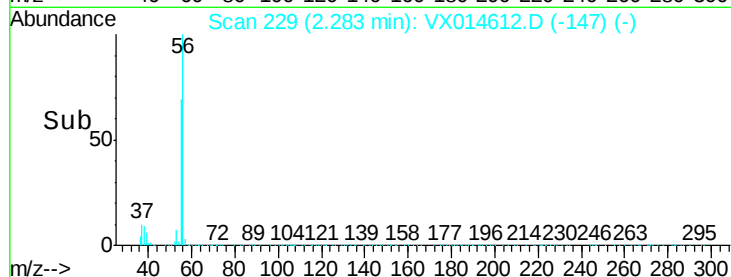
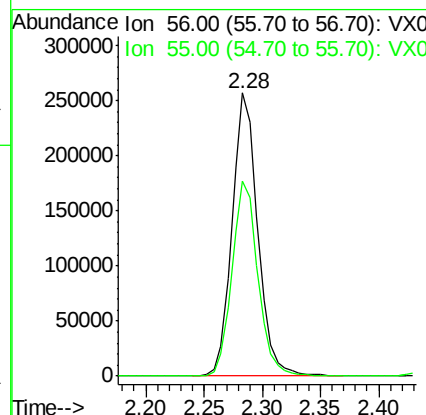
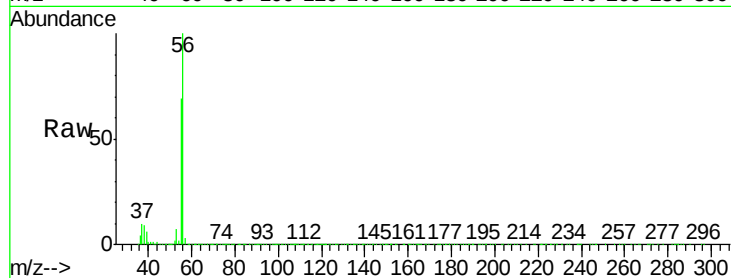
#13
Acrolein
Concen: 491.598 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	54.9	82.3

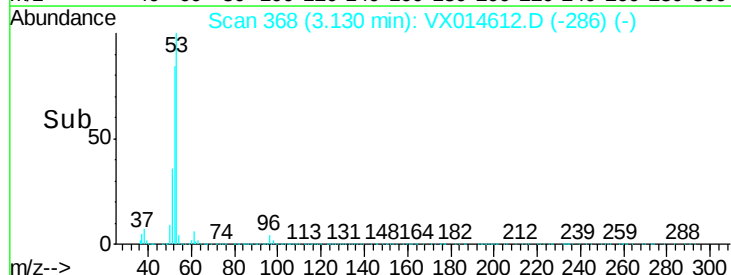
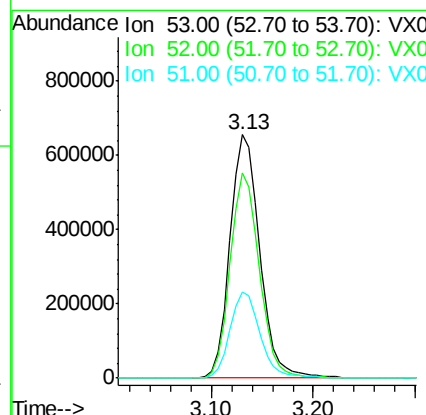
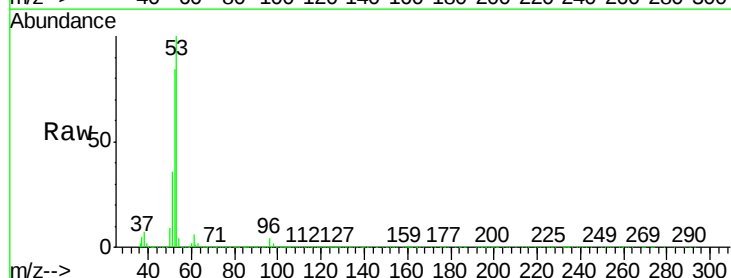
Manual Integrations
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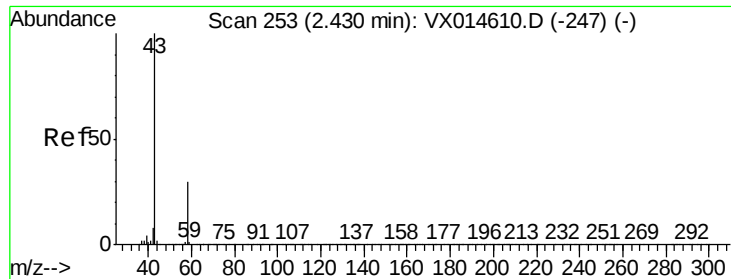
MMDadoda
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#14
Acrylonitrile
Concen: 515.318 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.7	41.5	124.6
51	35.9	17.8	53.5





#15

Acetone

Concen: 577.449 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 58 Resp: 435229

Ion Ratio Lower Upper

58 100

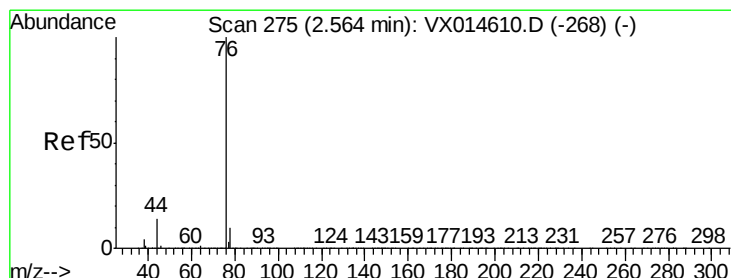
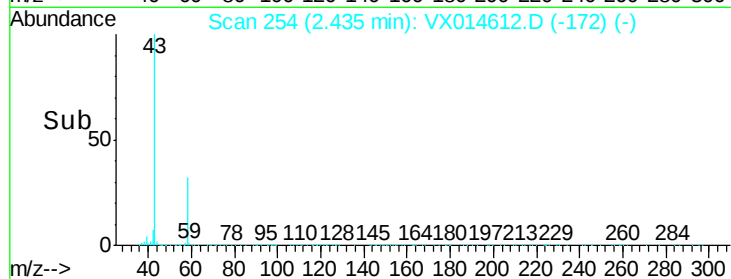
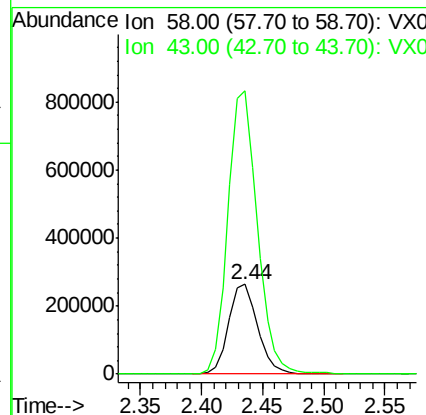
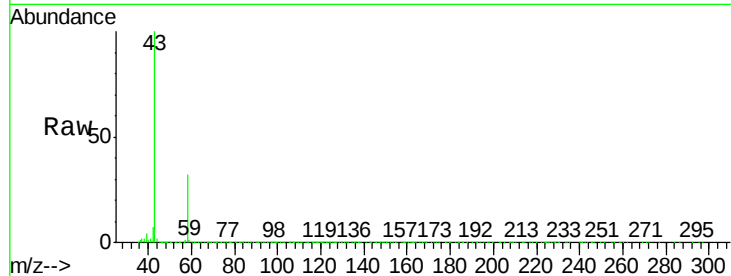
43 314.8 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 104.963 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014612.D

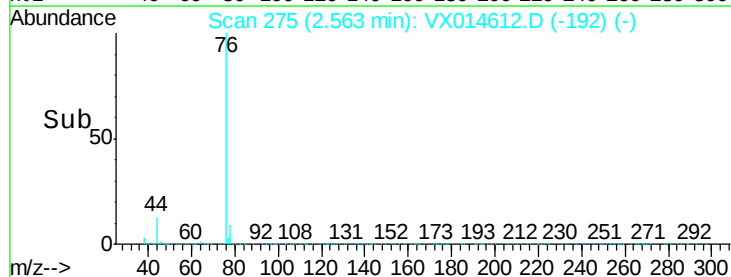
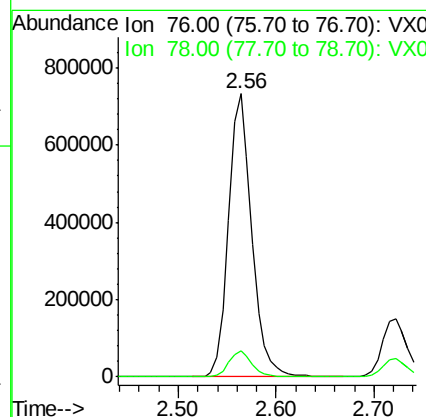
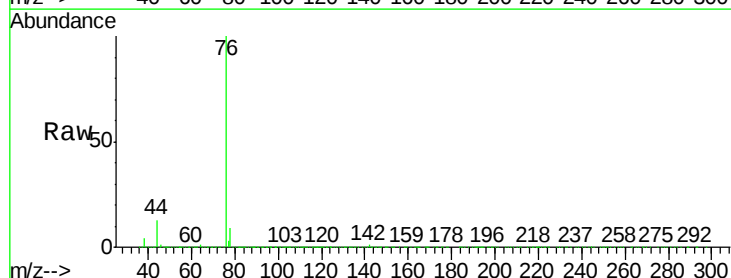
Acq: 15 Jan 2020 11:57

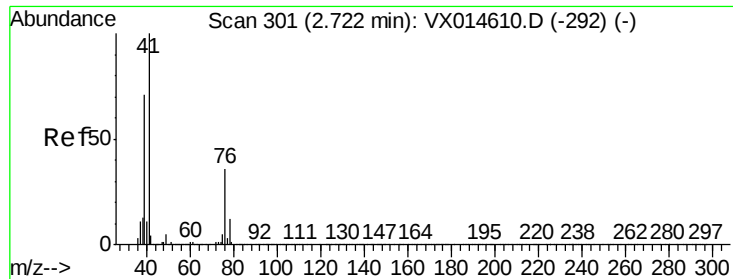
Tgt Ion: 76 Resp: 1205467

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8





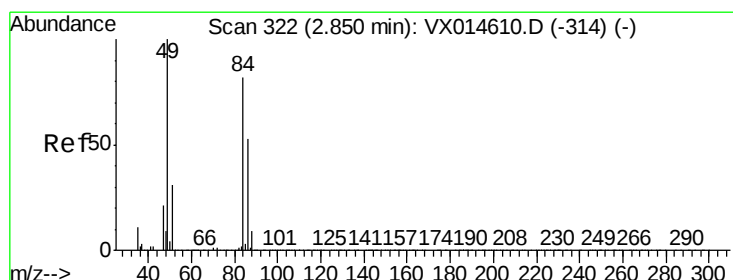
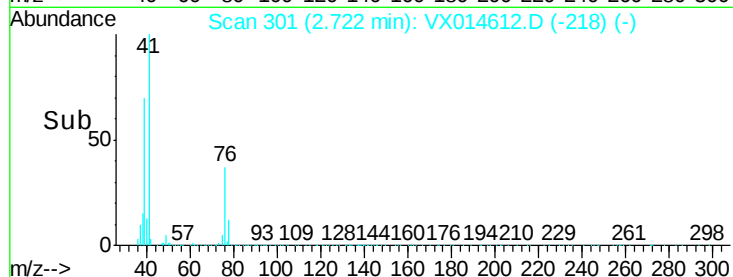
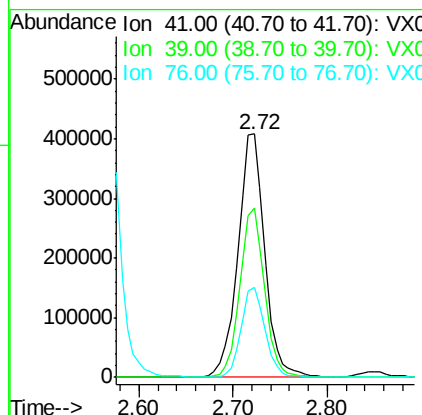
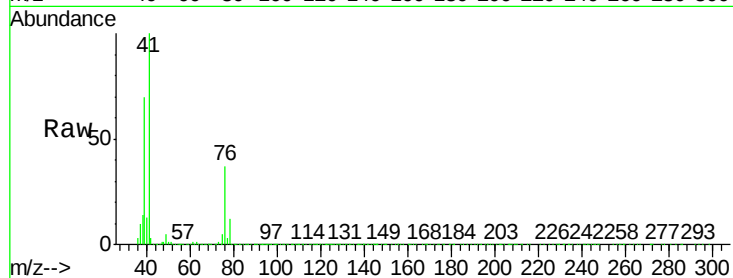
#17
Allvl chloride
Concen: 105.787 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	805889
Ion	Ratio	Lower	Upper
41	100		
39	69.6	33.4	100.2
76	36.8	17.0	50.9

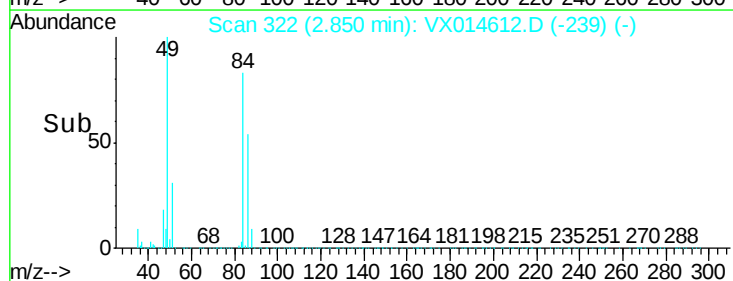
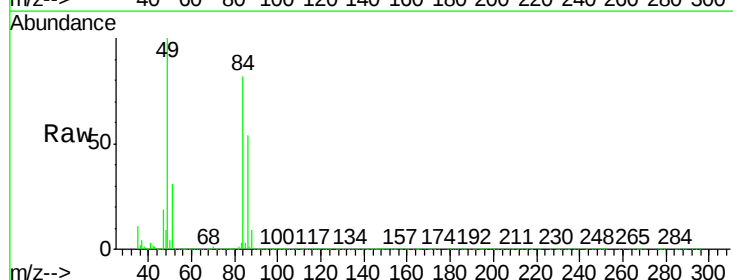
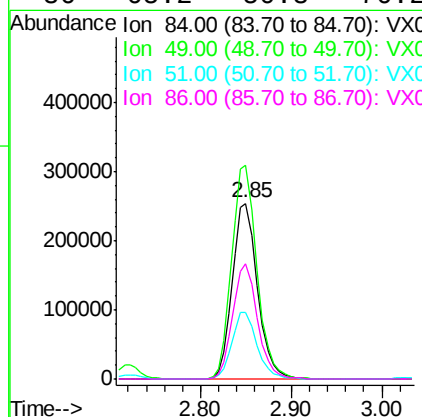
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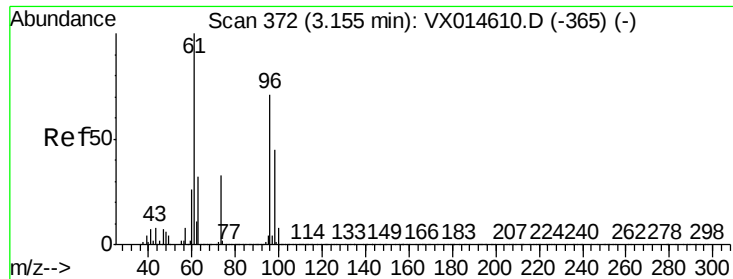
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#18
Methylene Chloride
Concen: 94.056 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion:	84	Resp:	488596
Ion	Ratio	Lower	Upper
84	100		
49	121.3	102.2	153.2
51	37.5	31.4	47.0
86	65.2	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 99.293 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

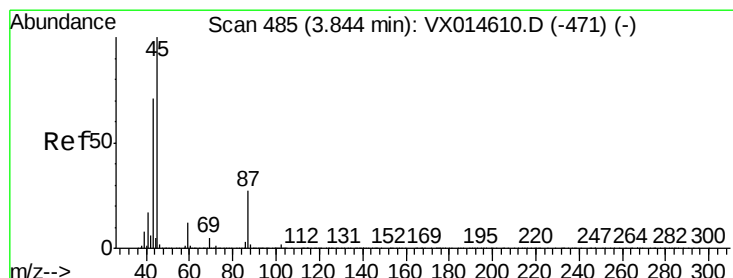
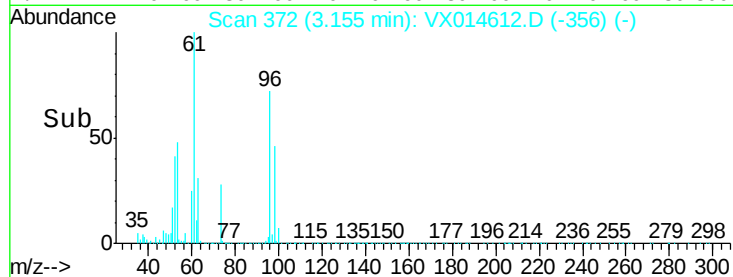
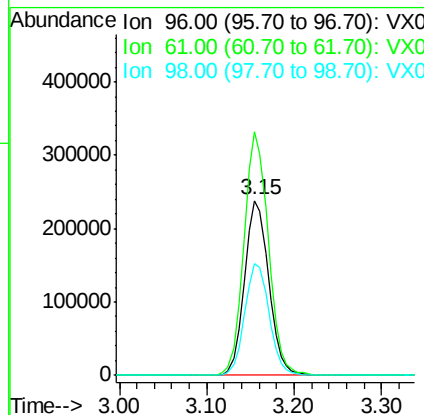
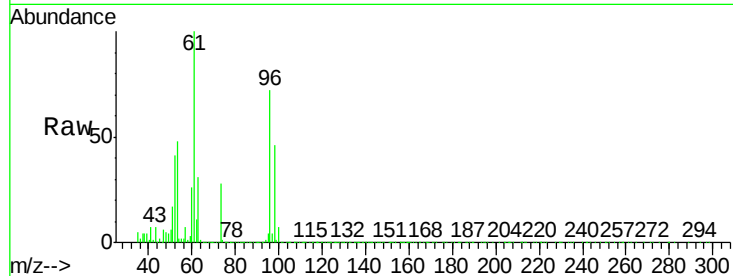
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	460961
Ion Ratio	Lower	Upper	
96	100		
61	139.2	106.6	159.8
98	63.9	51.6	77.4

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#20

Diisopropyl ether

Concen: 100.932 ug/l

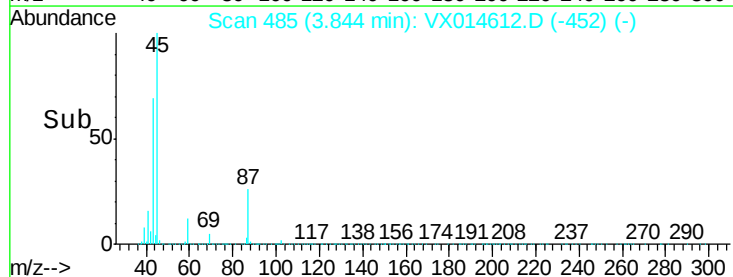
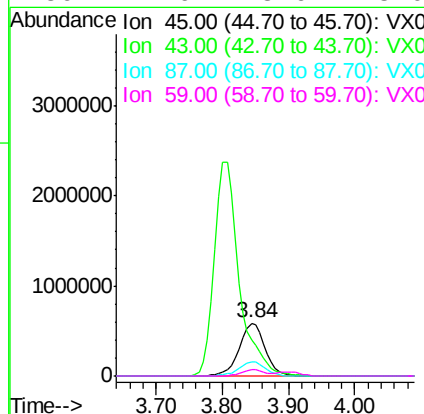
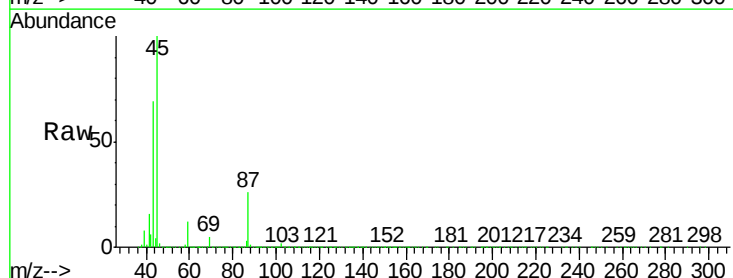
RT: 3.84 min Scan# 485

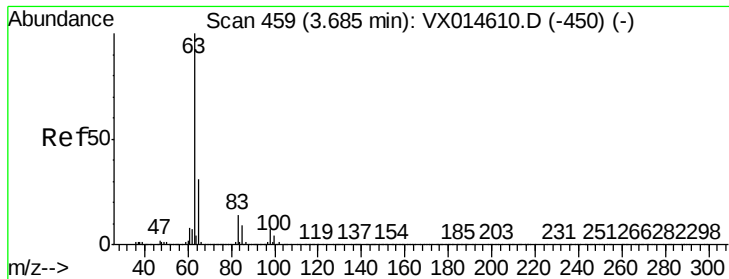
Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion:	45	Resp:	1577733
Ion Ratio	Lower	Upper	
45	100		
43	68.8	55.9	83.9
87	26.0	22.2	33.2
59	11.6	8.6	13.0





#21

1,1-Dichloroethane

Concen: 99.812 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

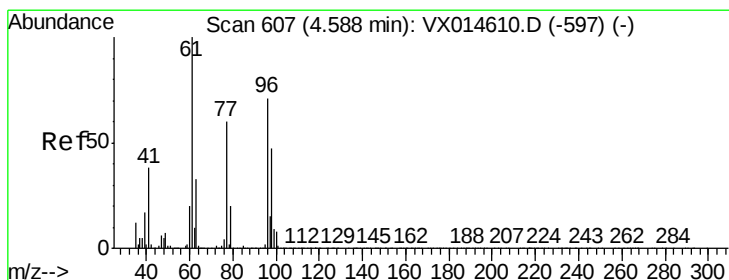
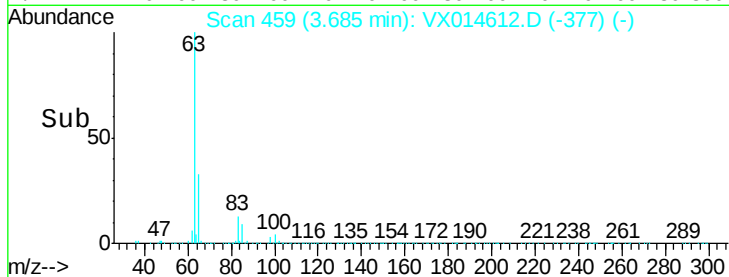
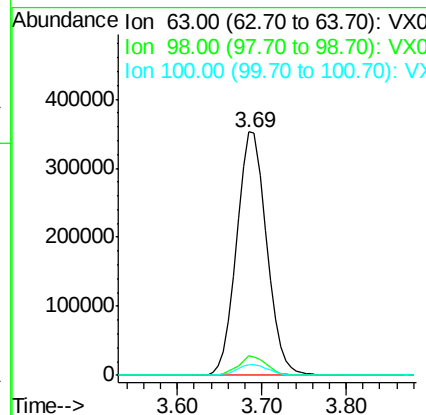
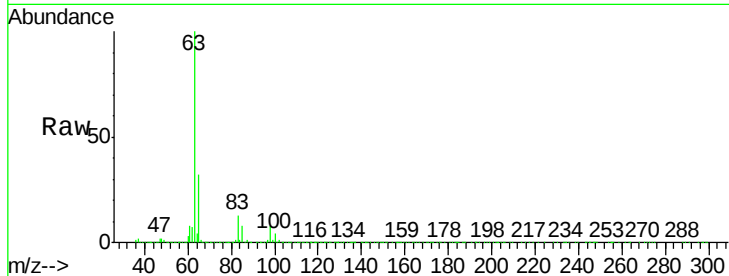
ClientSampleId :

VSTDIC100

Tot Ion:	63	Resp:	846781
Ion Ratio		Lower	Upper
63	100		
98	7.9	3.4	10.1
100	4.4	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 98.461 ug/l

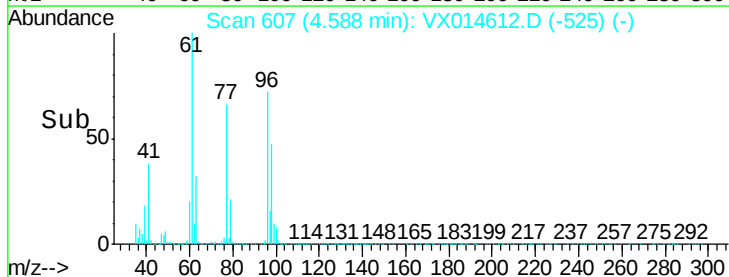
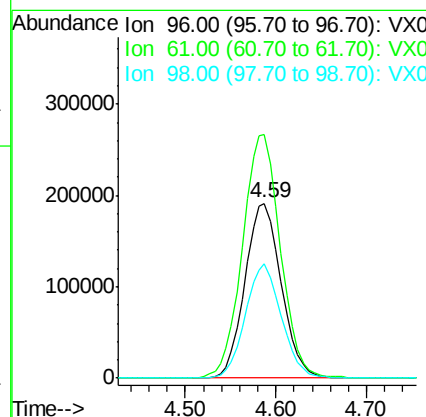
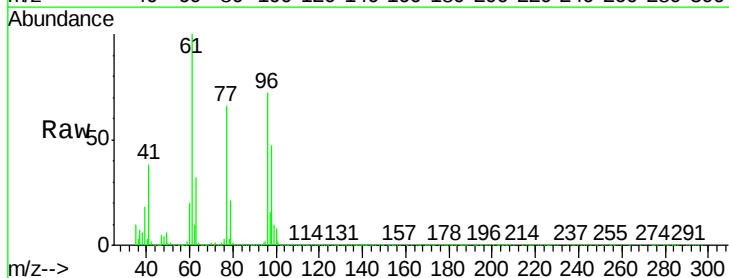
RT: 4.59 min Scan# 607

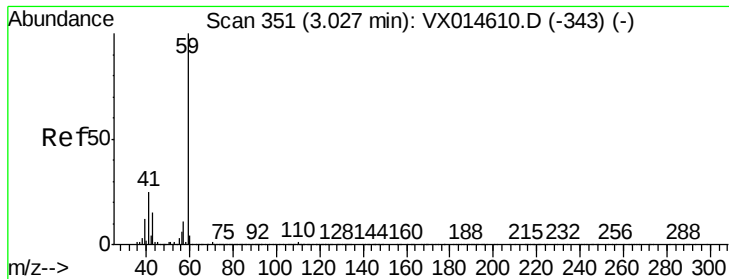
Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion:	96	Resp:	529891
Ion Ratio		Lower	Upper
96	100		
61	145.7	112.4	168.6
98	64.7	50.3	75.5





#23

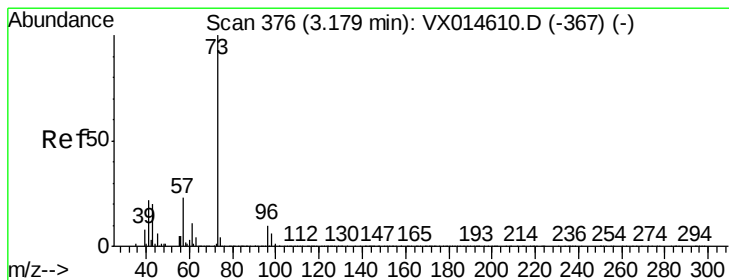
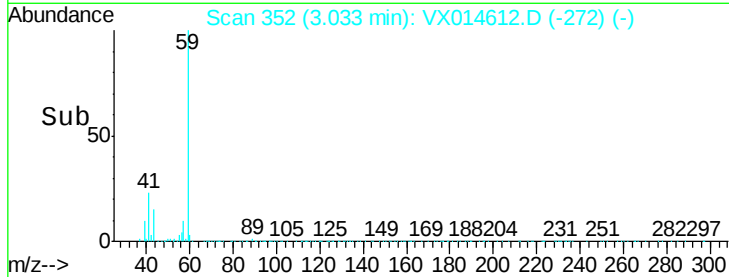
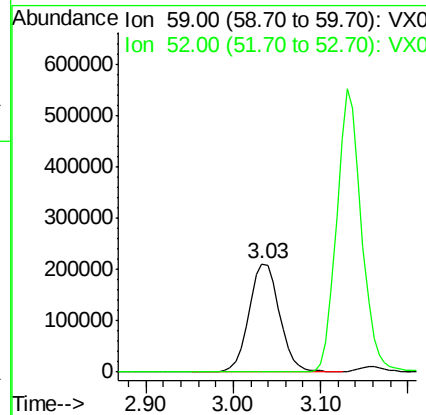
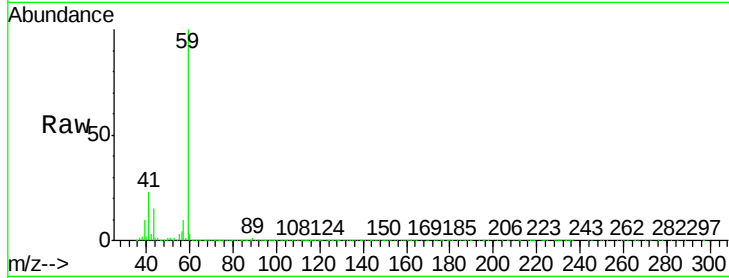
tert-Butyl Alcohol
Concen: 510.029 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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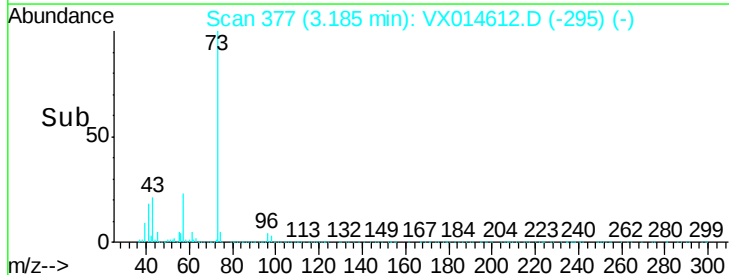
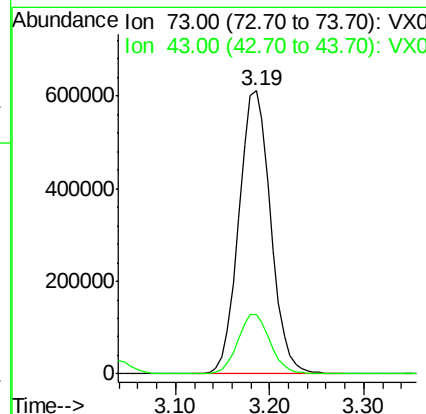
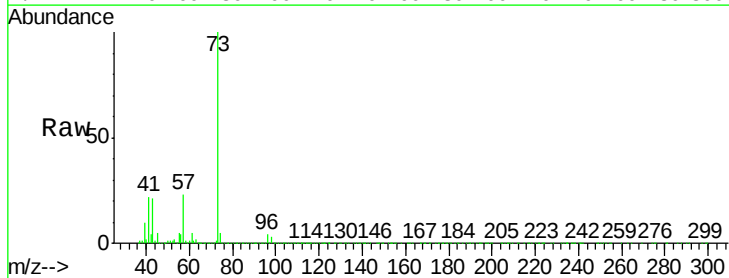
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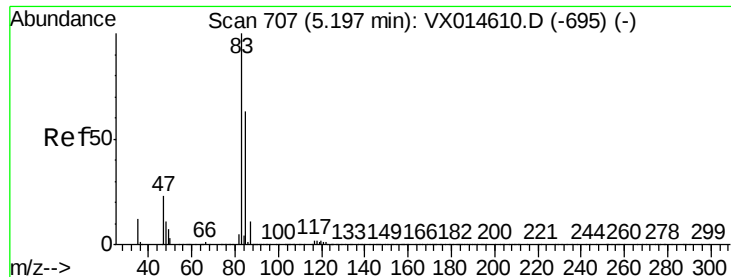


#24

Methyl tert-Butyl Ether
Concen: 100.617 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0





#25

Chloroform

Concen: 100.780 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 815140

Ion Ratio Lower Upper

83 100

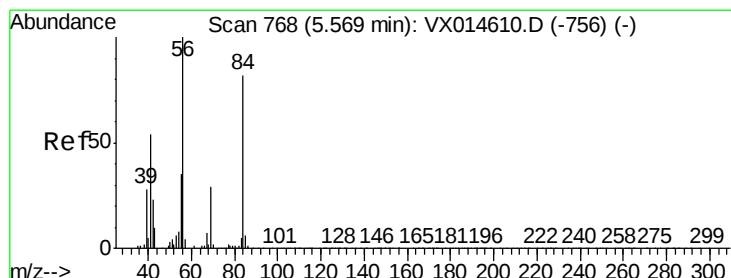
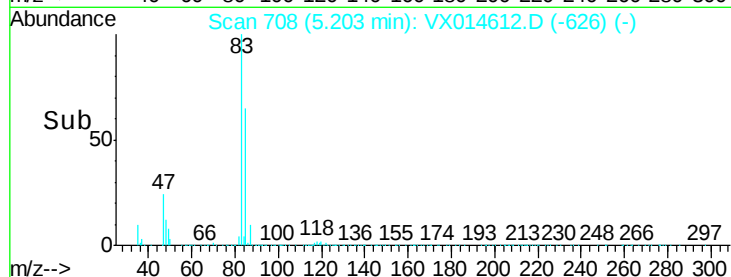
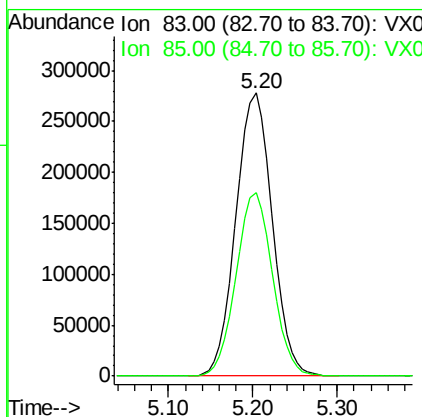
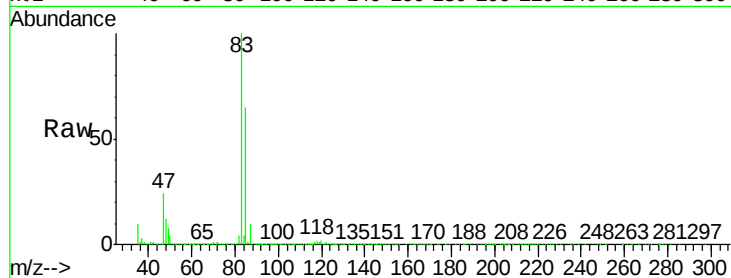
85 64.6 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 103.798 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

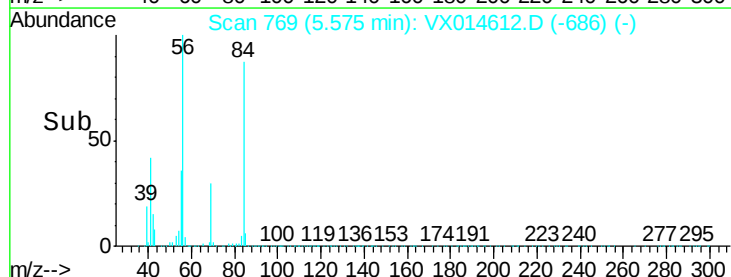
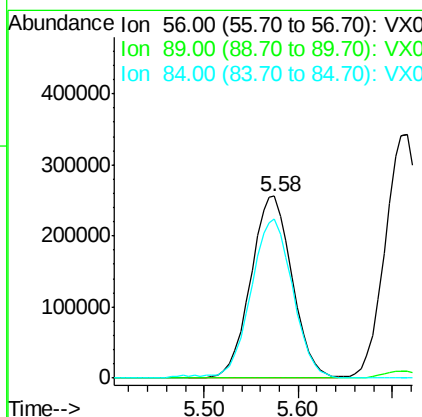
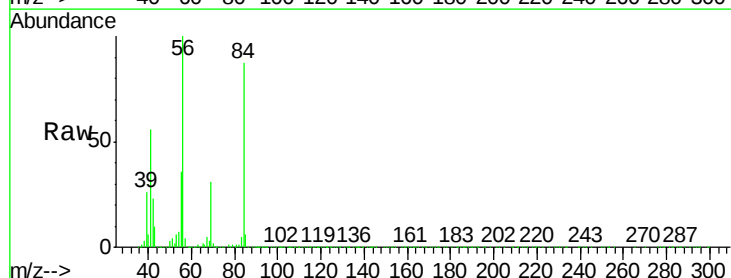
Tgt Ion: 56 Resp: 785226

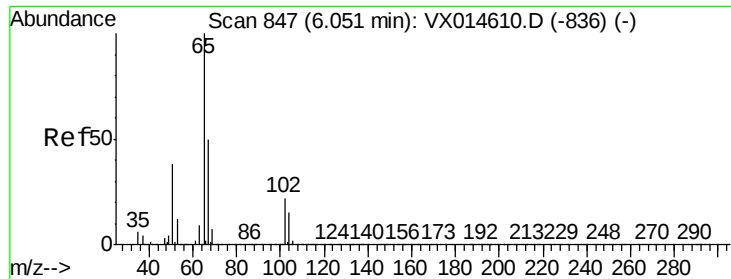
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 88.1 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.423 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 159534

Ion Ratio Lower Upper

65 100

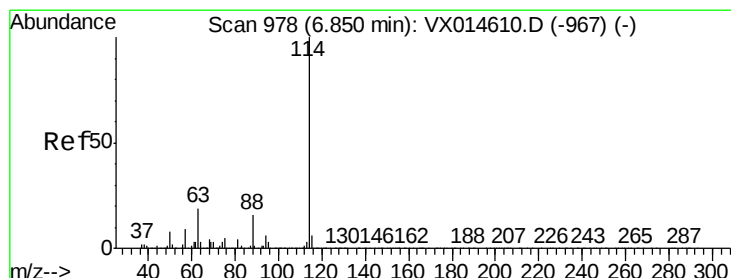
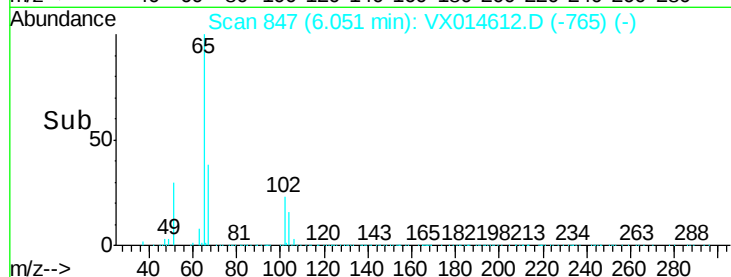
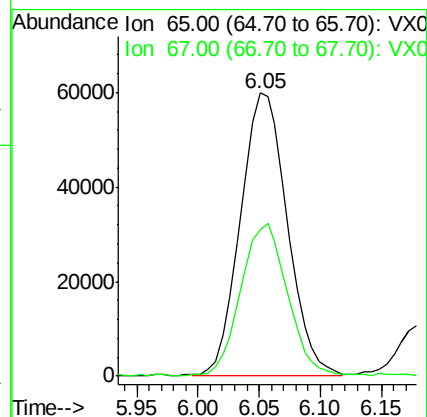
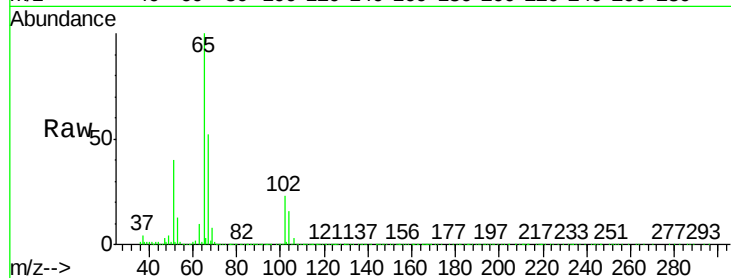
67 53.1 43.1 64.7

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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: VX014612.D

Acq: 15 Jan 2020 11:57

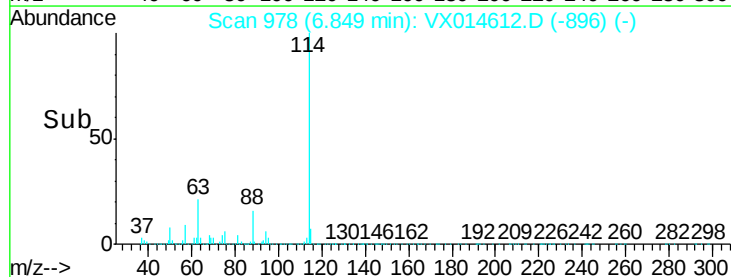
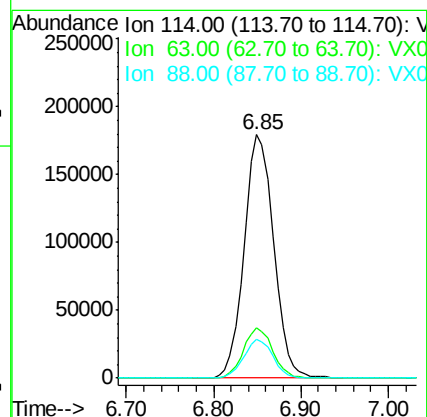
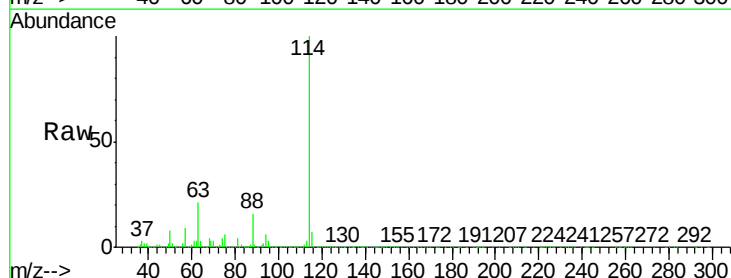
Tgt Ion: 114 Resp: 421932

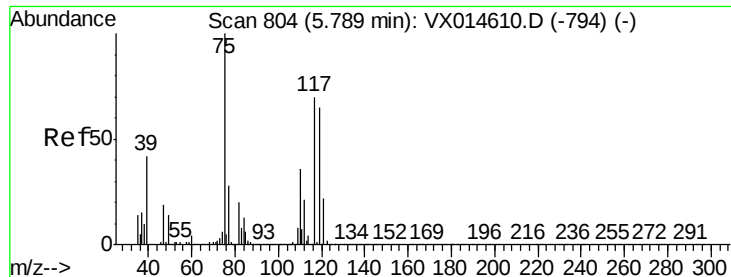
Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

88 15.5 12.5 18.7





#29

1,1-Dichloropropene

Concen: 103.993 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

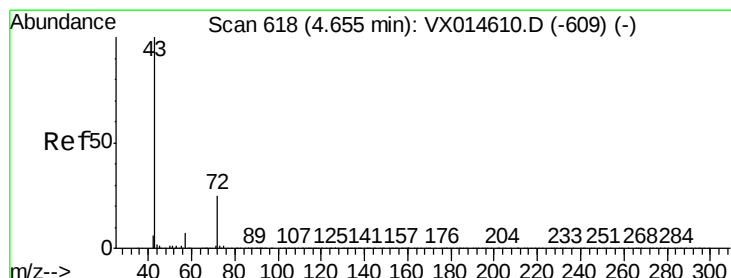
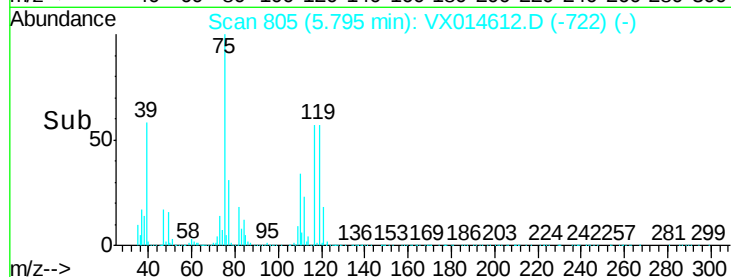
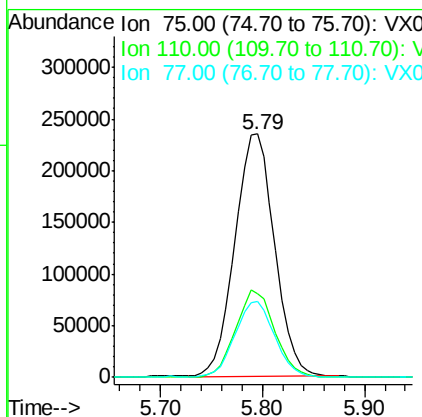
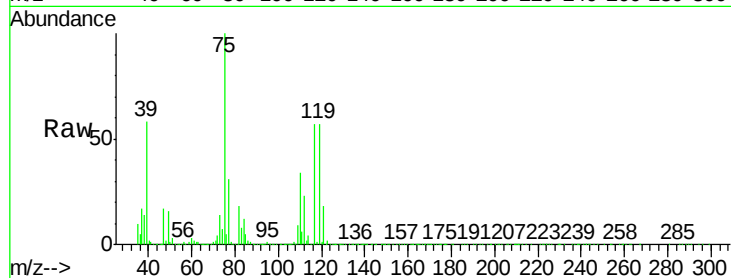
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	633804
Ion Ratio		Lower	Upper
75	100		
110	35.5	0.0	73.8
77	31.2	0.0	62.4

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#30

2-Butanone

Concen: 548.412 ug/l

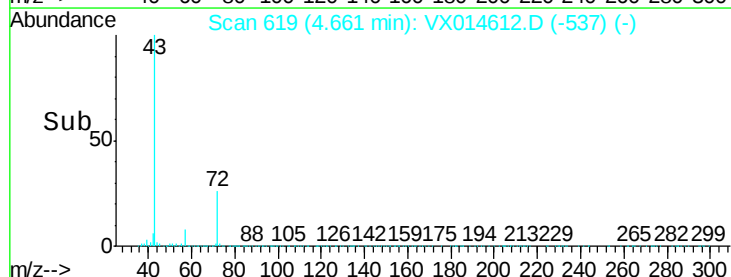
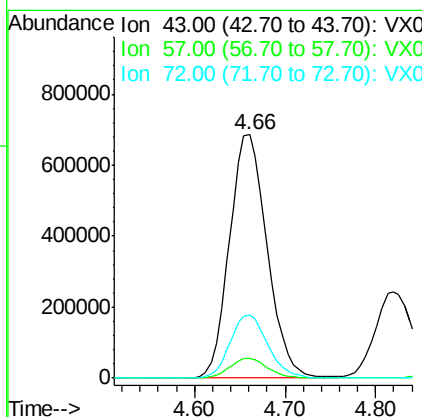
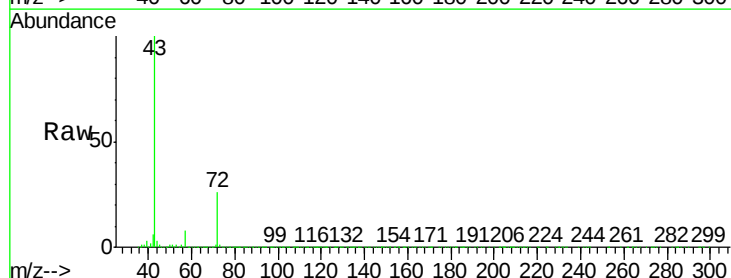
RT: 4.66 min Scan# 619

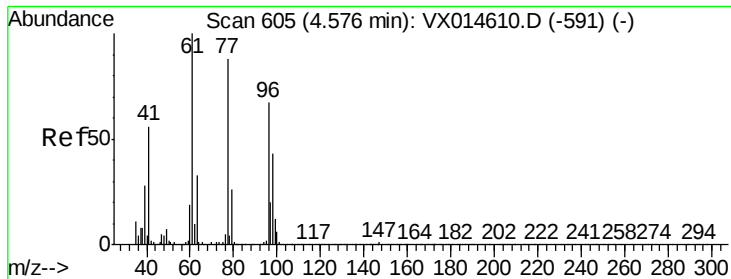
Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion:	43	Resp:	1970083
Ion Ratio		Lower	Upper
43	100		
57	8.0	6.2	9.2
72	25.7	20.3	30.5





#31

2,2-Dichloropropane

Concen: 121.468 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 77 Resp: 684798

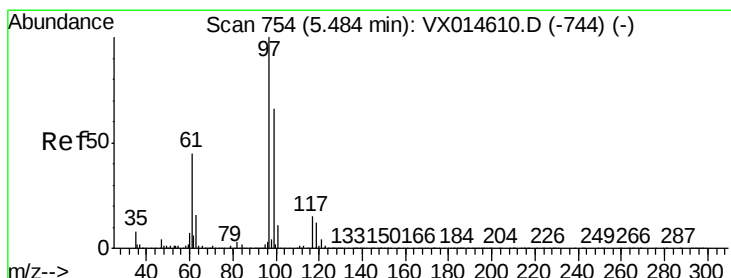
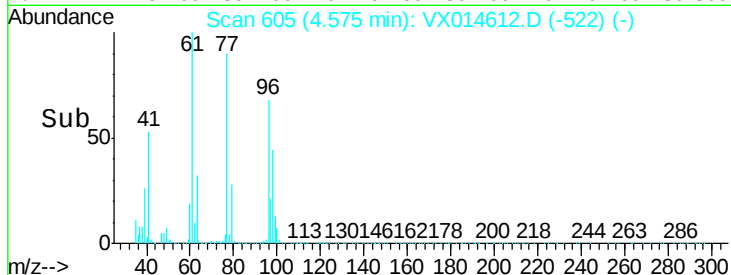
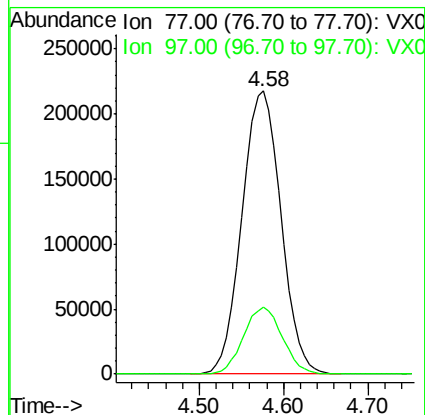
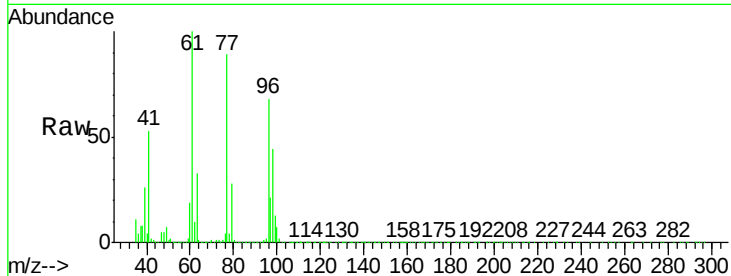
Ion Ratio Lower Upper

77 100

97 23.5 19.7 29.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 103.439 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

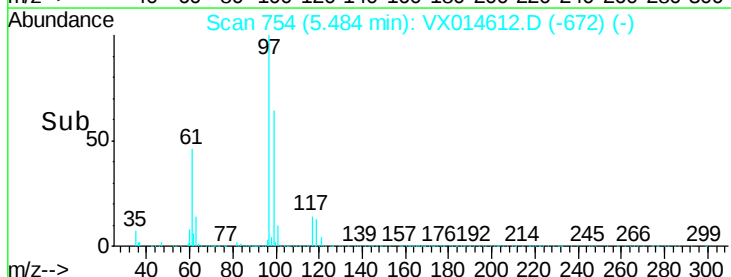
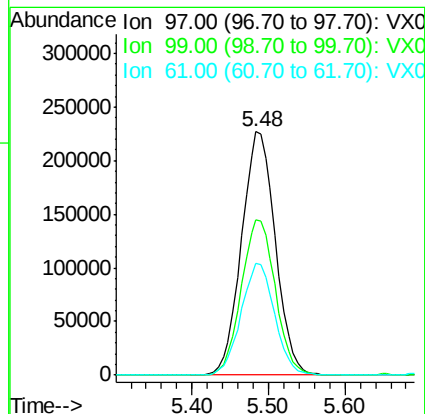
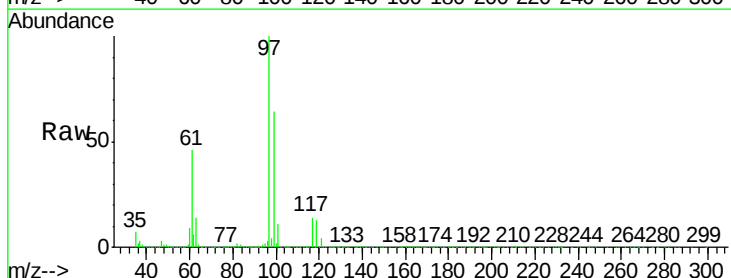
Tgt Ion: 97 Resp: 697301

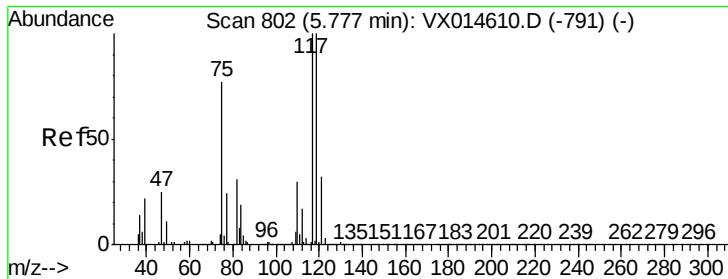
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 45.4 36.8 55.2





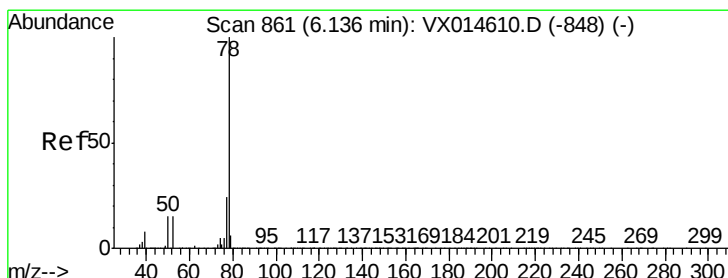
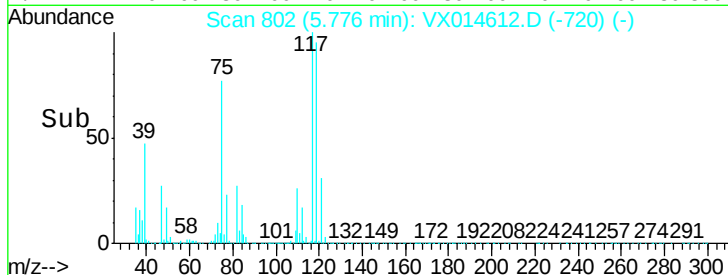
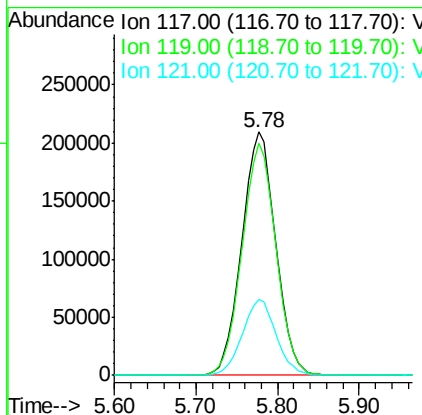
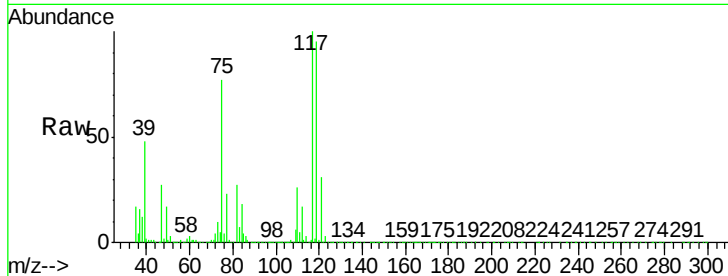
#33
Carbon Tetrachloride
Concen: 105.591 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.2	115.8
121	31.0	24.8	37.2

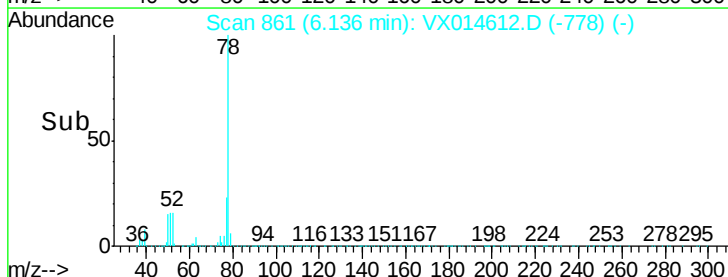
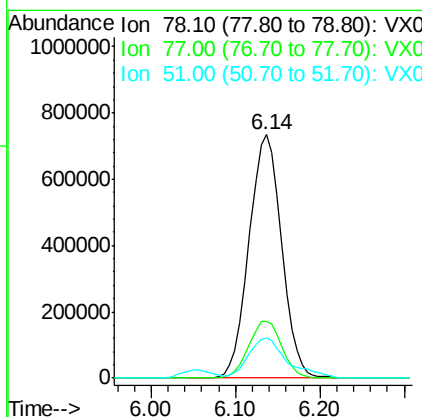
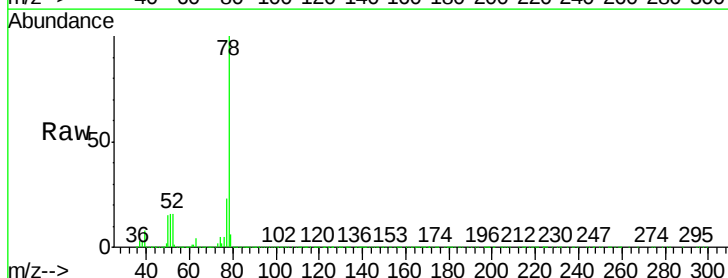
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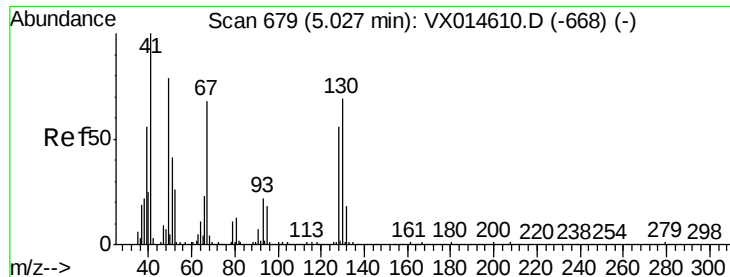
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#34
Benzene
Concen: 101.732 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.2
51	16.1	12.4	18.6





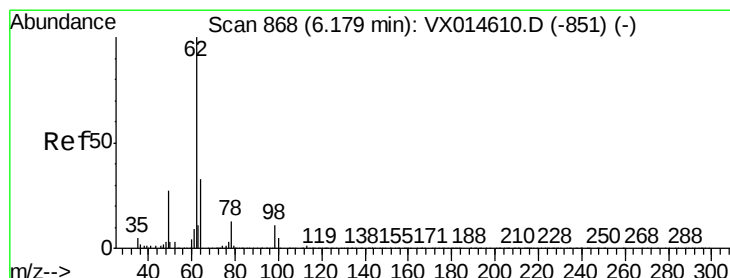
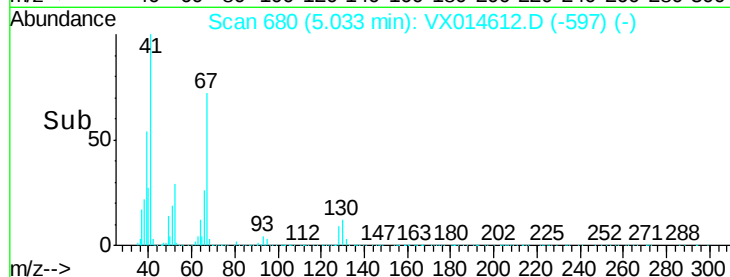
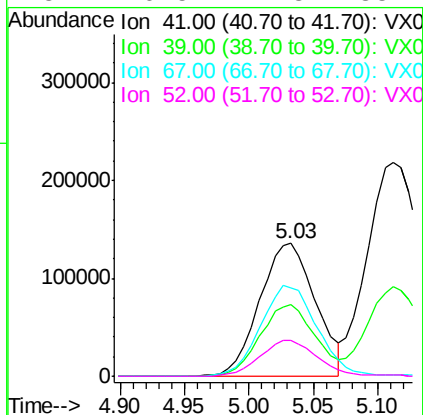
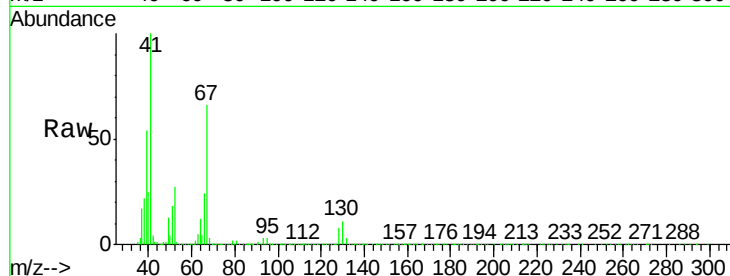
#35
Methacrylonitrile
Concen: 105.082 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		405996		
39	53.6	26.7	80.1		
67	66.1	31.5	94.5		
52	26.5	12.8	38.4		

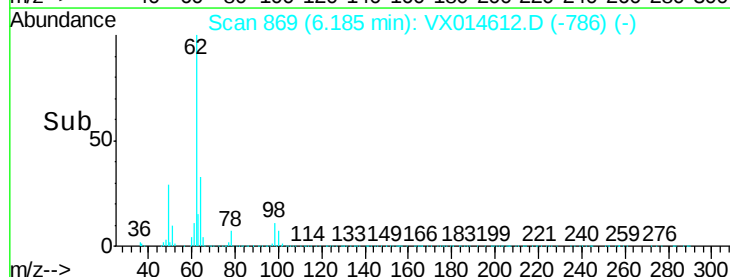
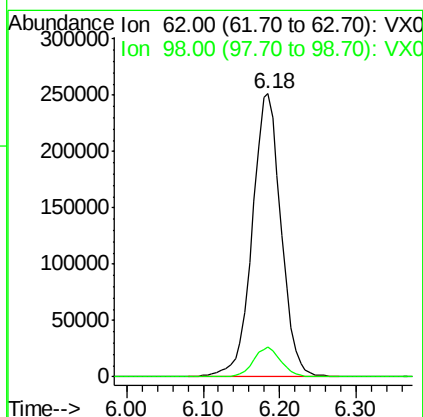
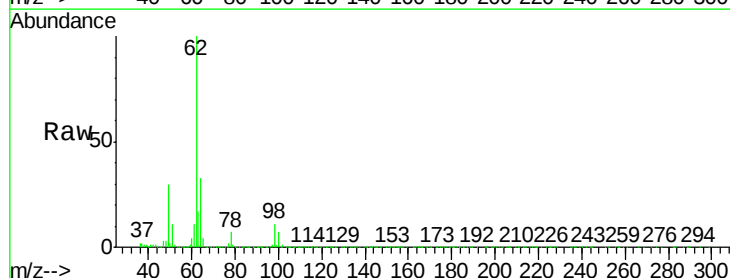
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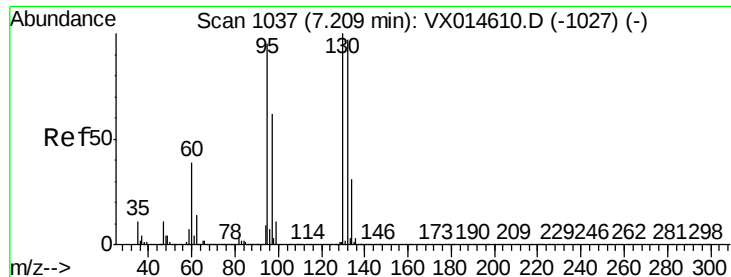
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#36
1,2-Dichloroethane
Concen: 99.873 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		659299		
98	10.1	8.4	12.6		





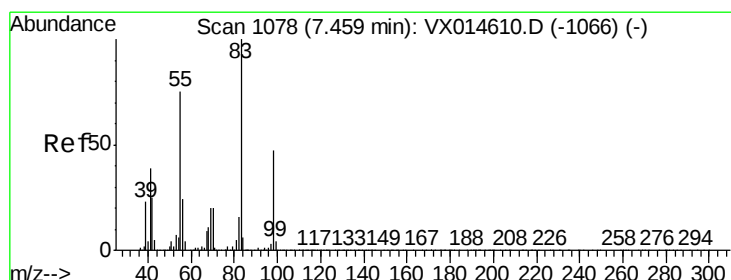
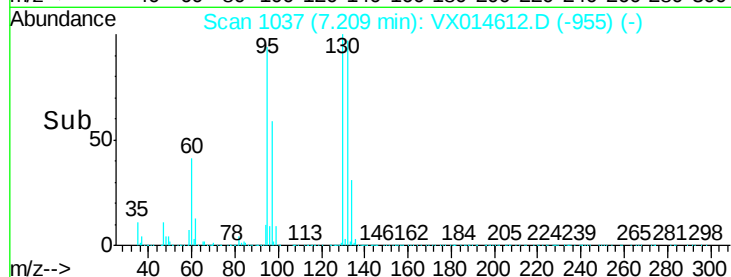
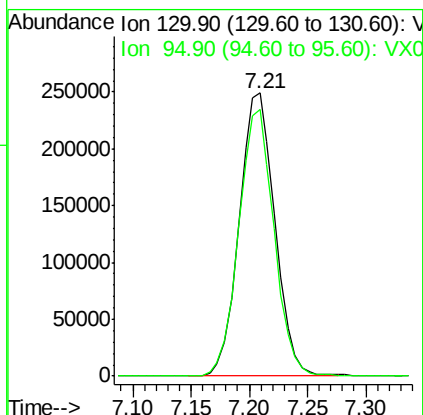
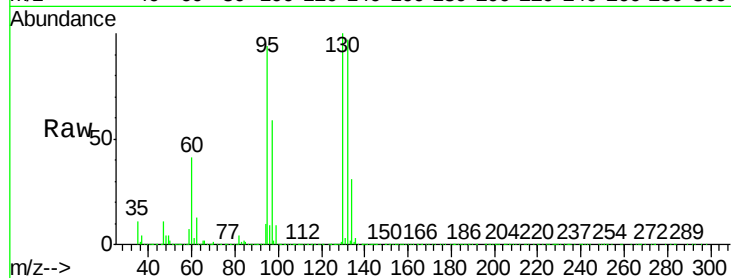
#37
 Trichloroethene
 Concen: 102.778 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:130 Resp: 531472
 Ion Ratio Lower Upper
 130 100
 95 94.2 71.7 107.5

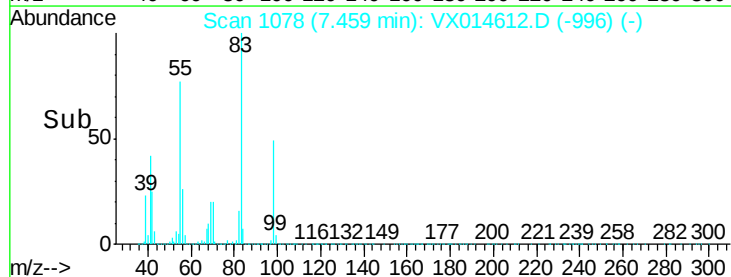
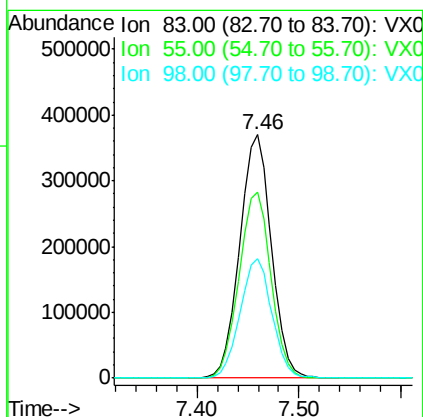
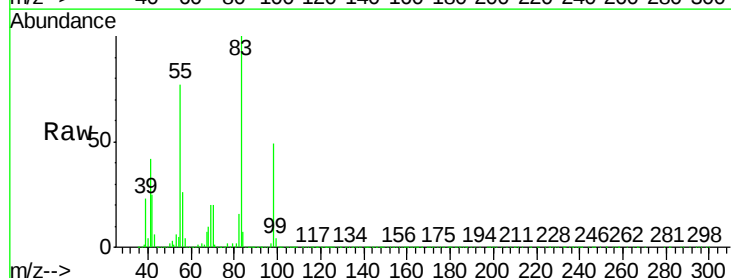
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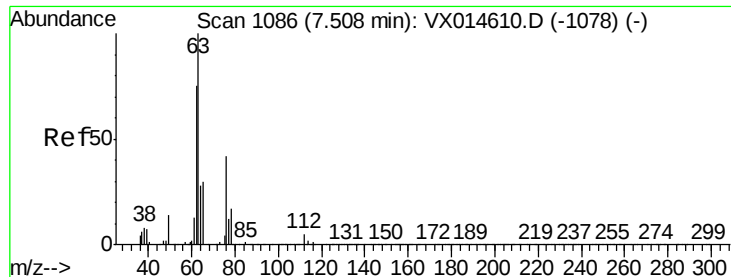
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#38
 Methylcyclohexane
 Concen: 109.571 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion: 83 Resp: 796578
 Ion Ratio Lower Upper
 83 100
 55 76.9 39.4 118.1
 98 49.5 25.1 75.3





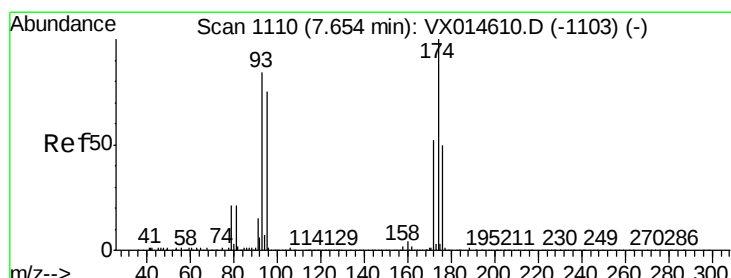
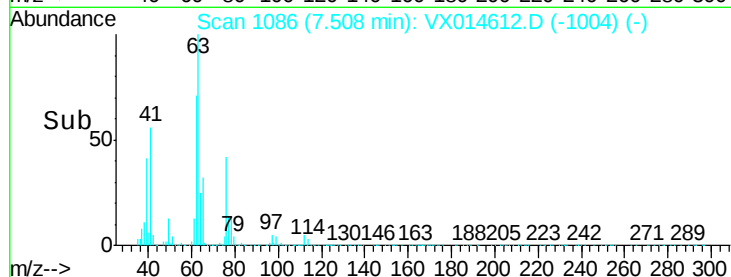
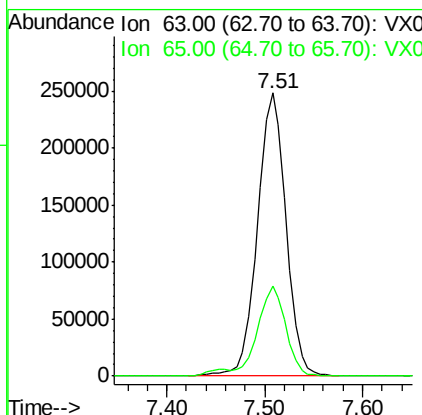
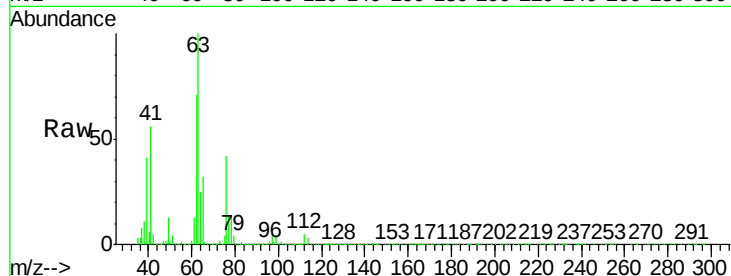
#39
 1,2-Dichloropropane
 Concen: 101.707 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.1	33.1

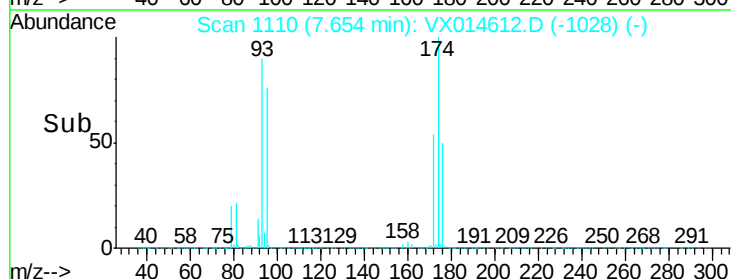
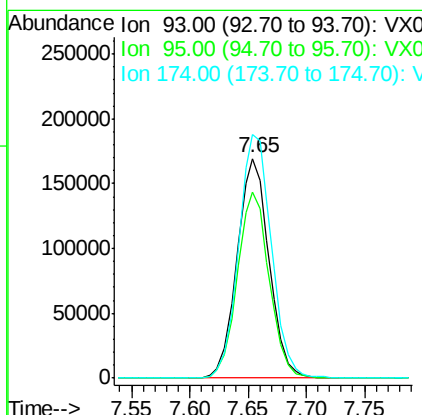
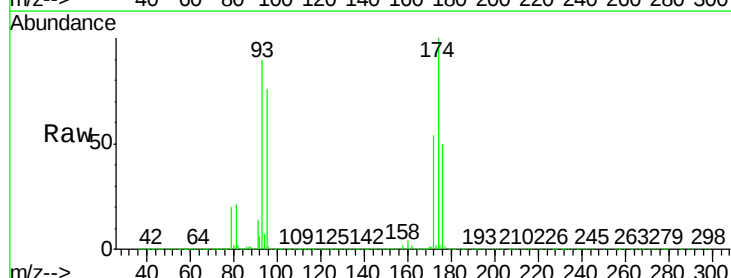
Manual Integrations
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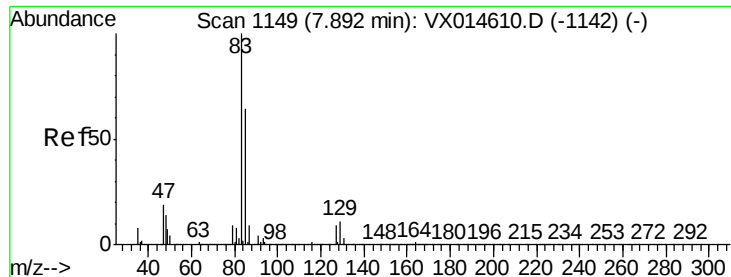
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#40
 Dibromomethane
 Concen: 102.706 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	0.0	164.4
174	113.9	0.0	228.8





#41

Bromodichloromethane

Concen: 106.754 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

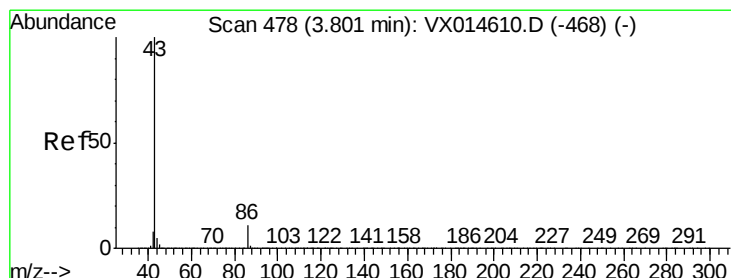
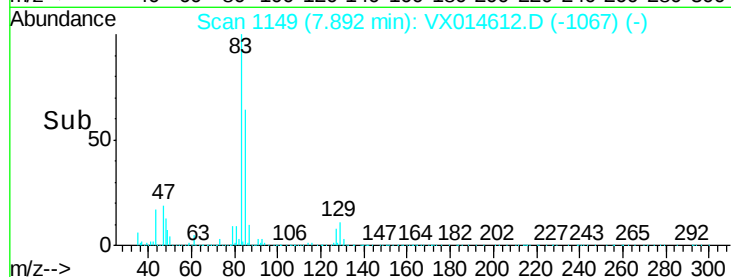
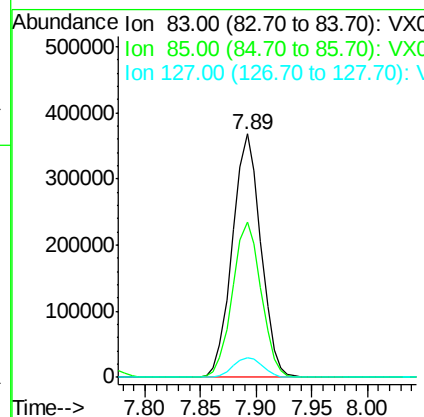
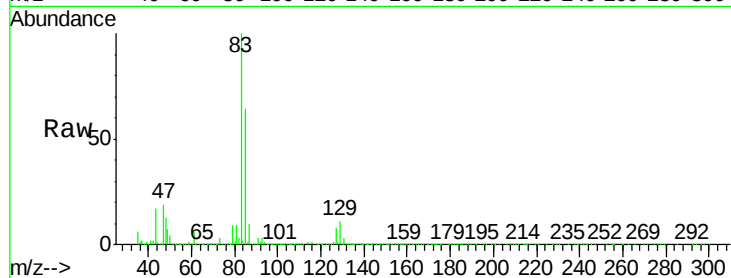
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	651769
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.6	77.4
127	8.2	6.0	9.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 490.223 ug/l

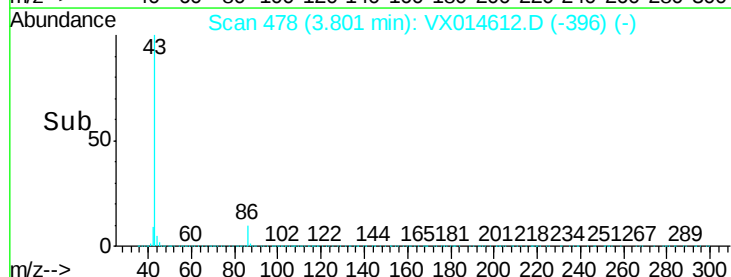
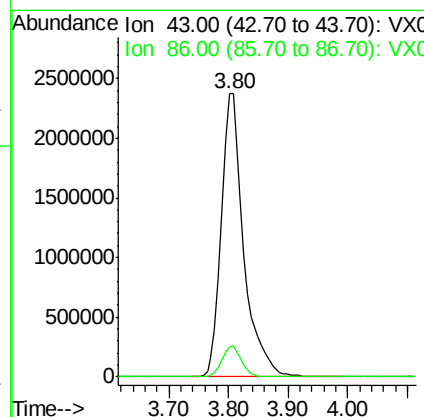
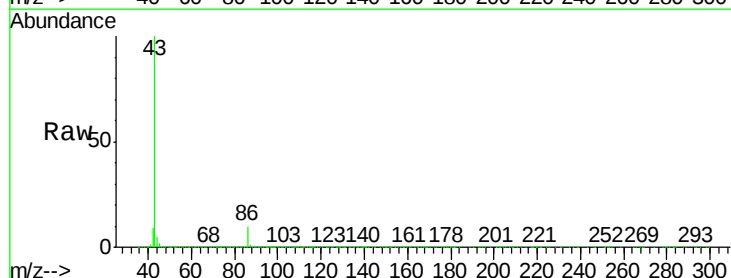
RT: 3.80 min Scan# 478

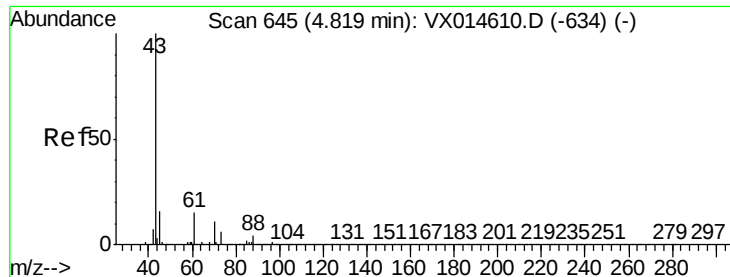
Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion:	43	Resp:	6217507
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.7	11.5





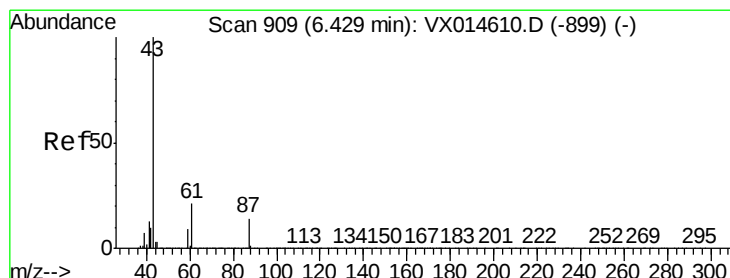
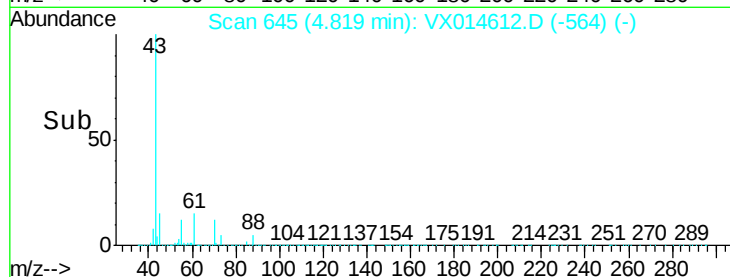
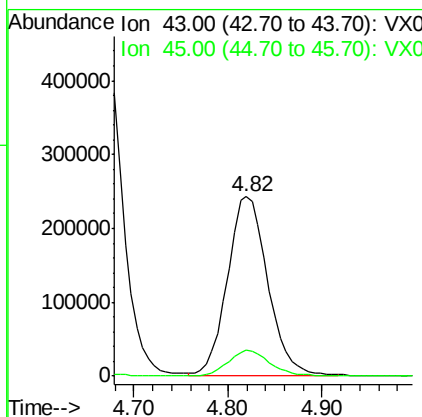
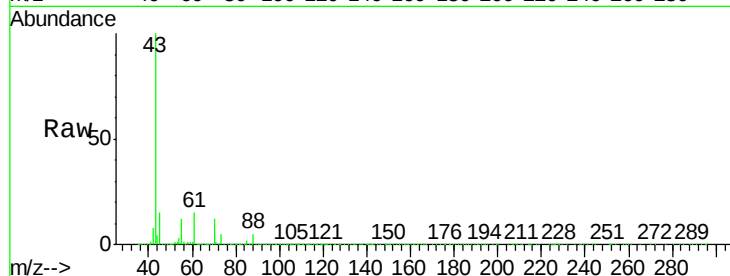
#43
Ethyl Acetate
Concen: 104.416 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.9	11.8	17.8

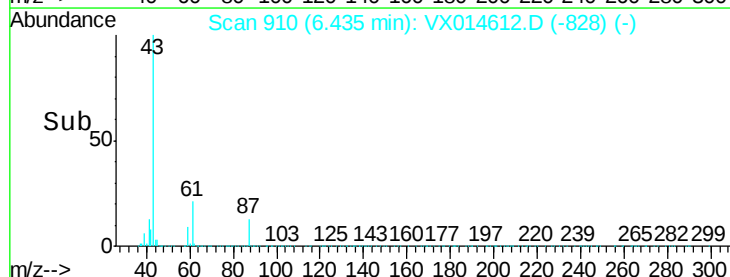
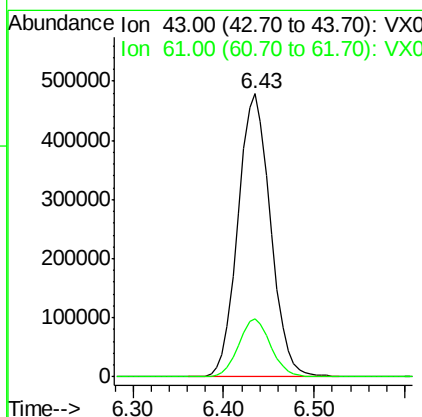
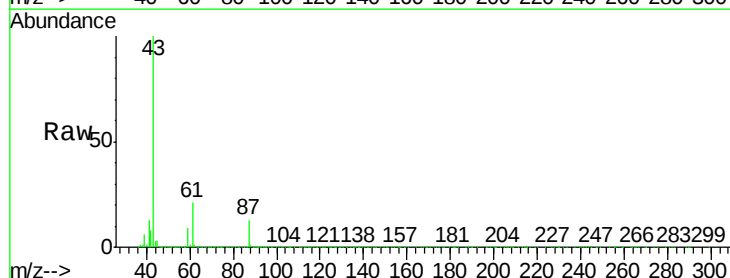
Manual Integrations
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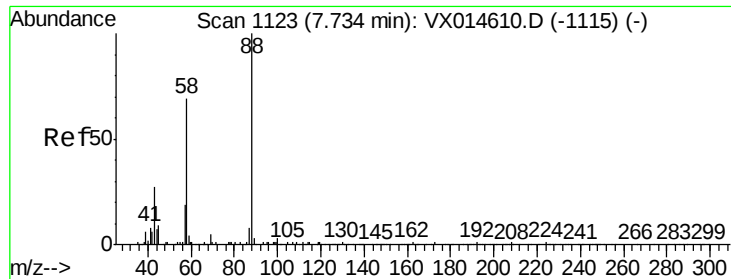
MMDadoda
1/16/2020 9:42:06 AM



#44
Isopropyl Acetate
Concen: 103.054 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.9	23.9





#45

1,4-Dioxane

Concen: 1990.477 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

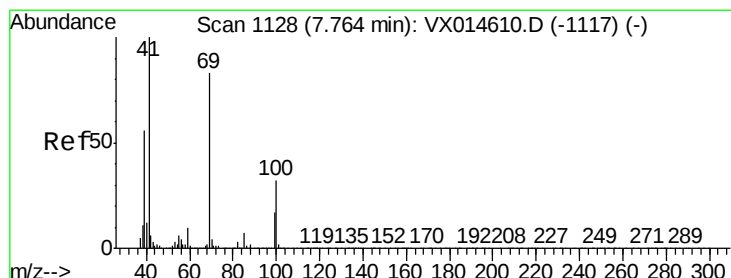
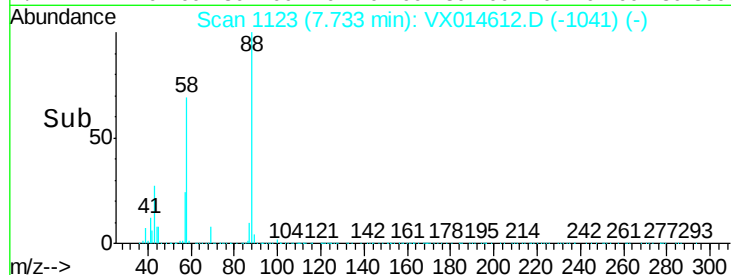
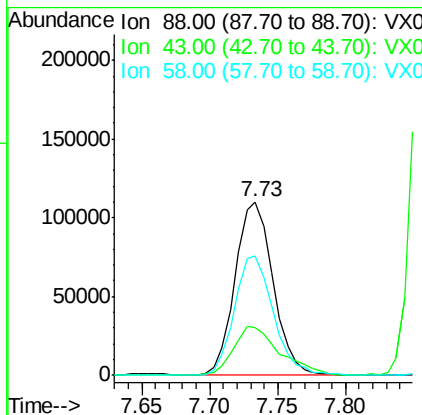
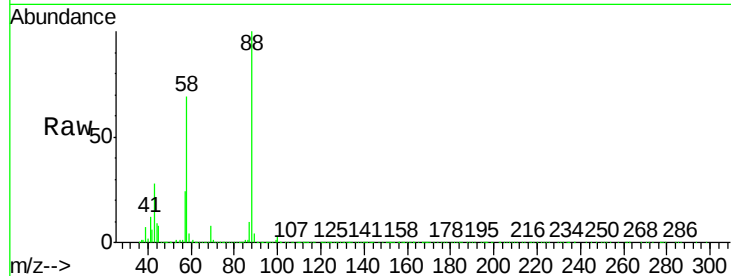
ClientSampleId :

VSTDICC100

Tot Ion:	88	Resp:	215198
Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.4	38.2
58	70.1	56.5	84.7

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#46

Methyl methacrylate

Concen: 105.476 ug/l

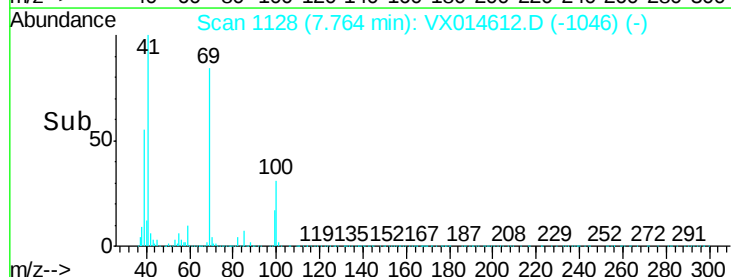
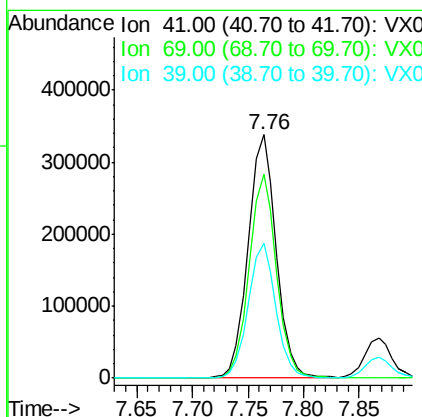
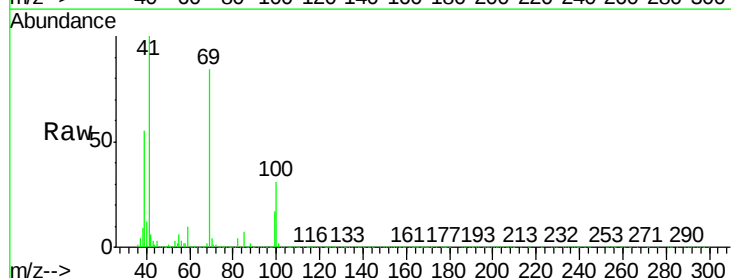
RT: 7.76 min Scan# 1128

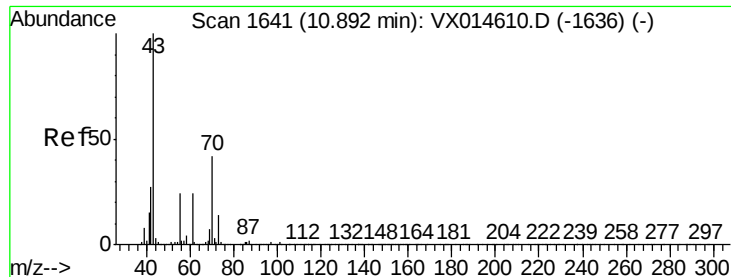
Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion:	41	Resp:	591484
Ion	Ratio	Lower	Upper
41	100		
69	83.9	40.6	122.0
39	55.2	27.8	83.3





#47

n-amvl Acetate

Concen: 102.618 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 1053415

Ion Ratio Lower Upper

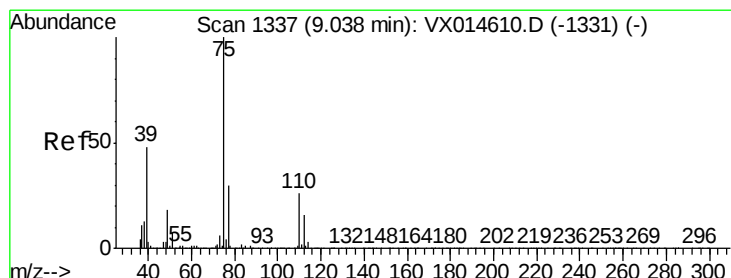
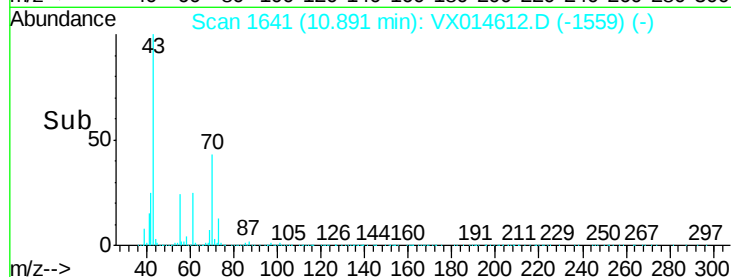
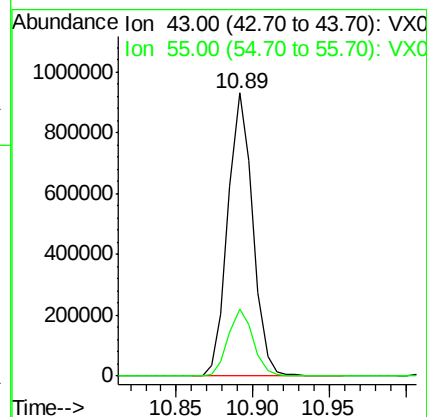
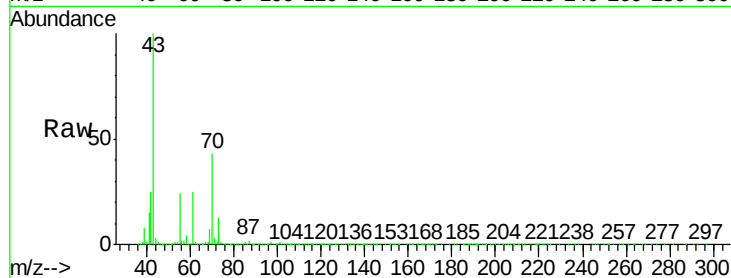
43 100

55 23.7 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 111.494 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014612.D

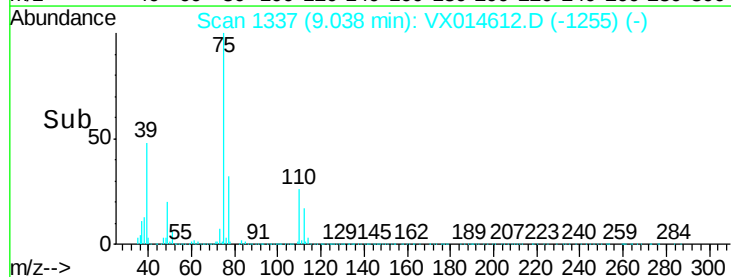
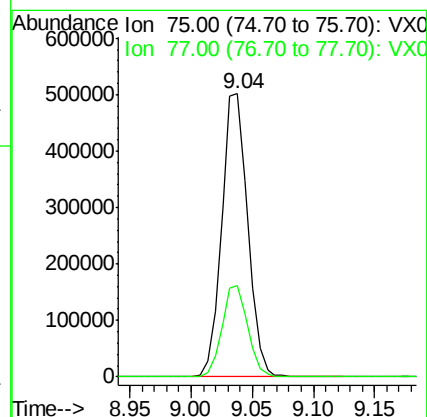
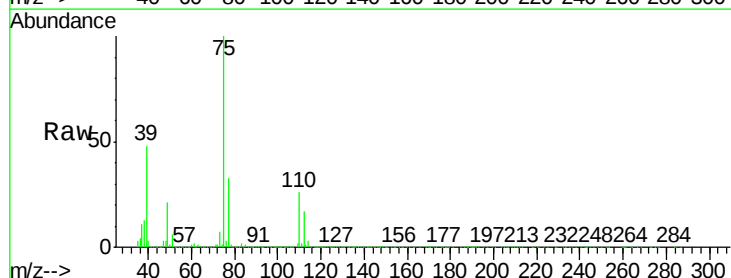
Acq: 15 Jan 2020 11:57

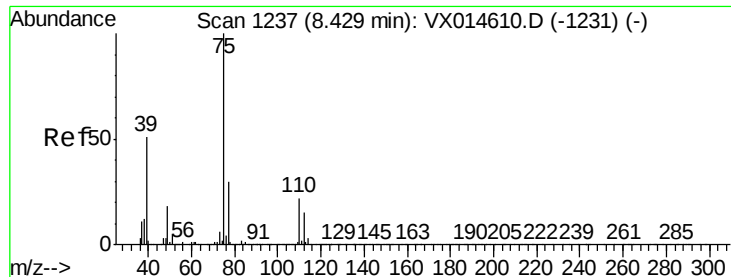
Tgt Ion: 75 Resp: 742953

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0





#49

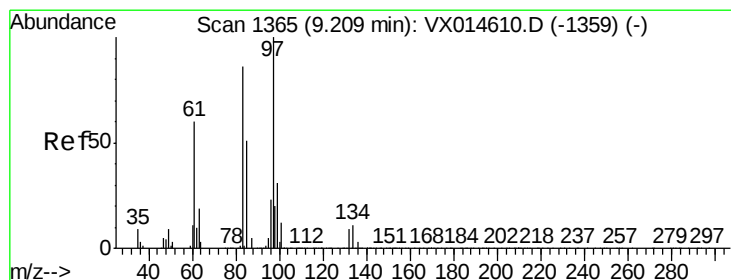
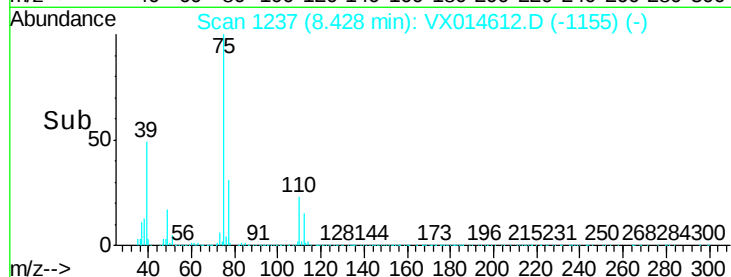
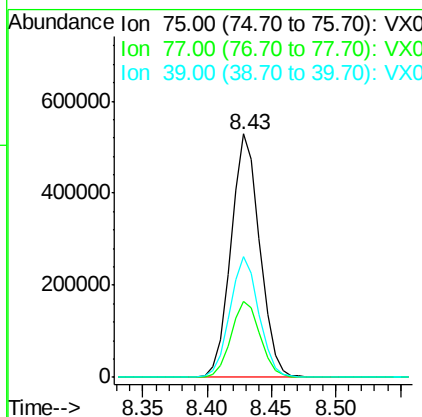
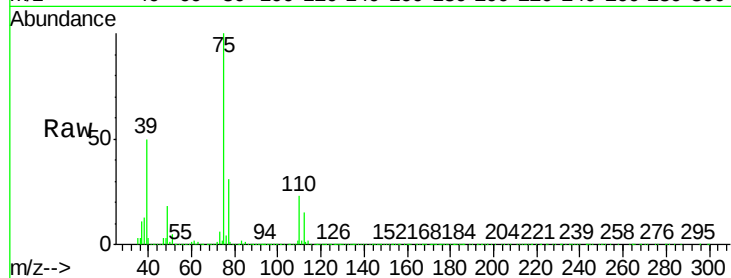
cis-1,3-Dichloropropene
Concen: 109.983 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2
39	49.5	41.1	61.7

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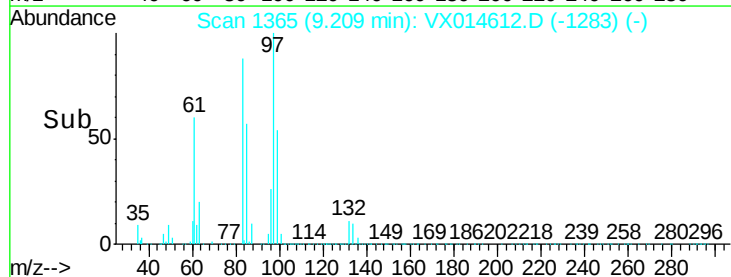
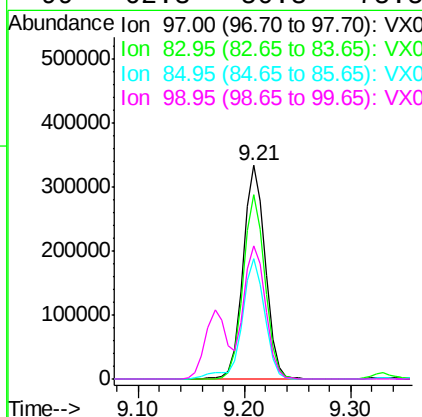
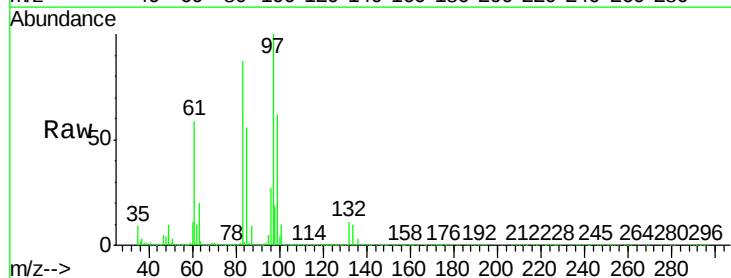
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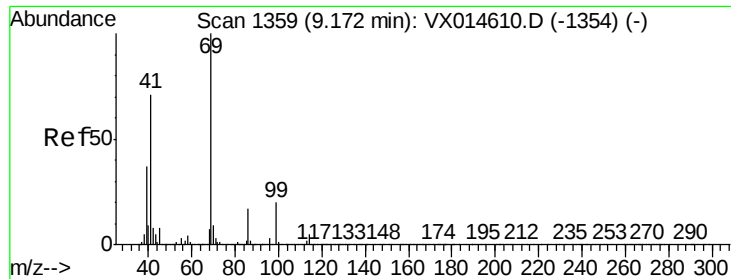


#50

1,1,2-Trichloroethane
Concen: 100.625 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.1	102.1
85	56.4	42.7	64.1
99	62.3	50.3	75.5





#51

Ethyl methacrylate

Concen: 104.625 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

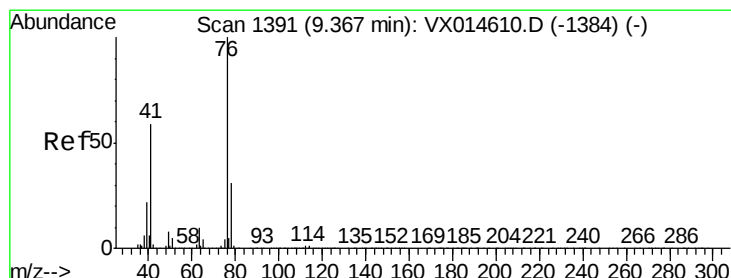
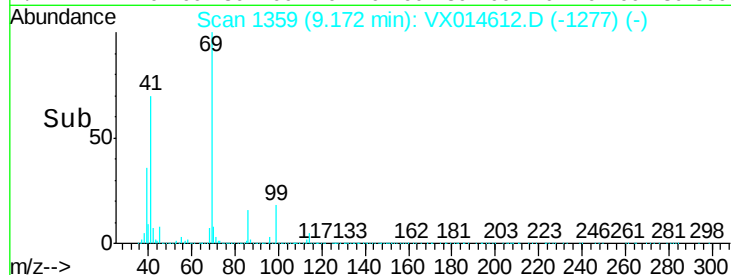
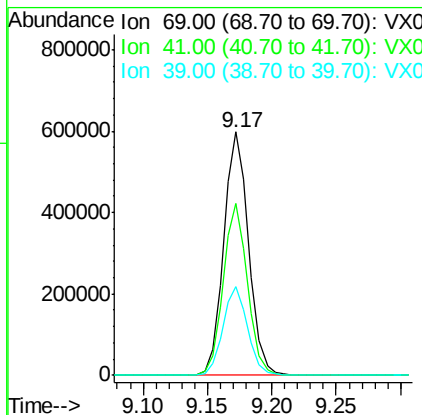
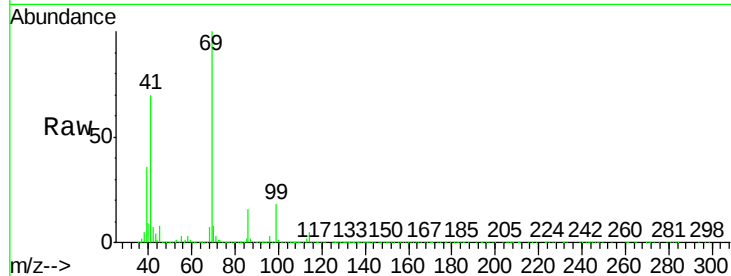
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	809835
Ion Ratio	Lower	Upper	
69	100		
41	70.3	35.4	106.1
39	36.2	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 101.292 ug/l

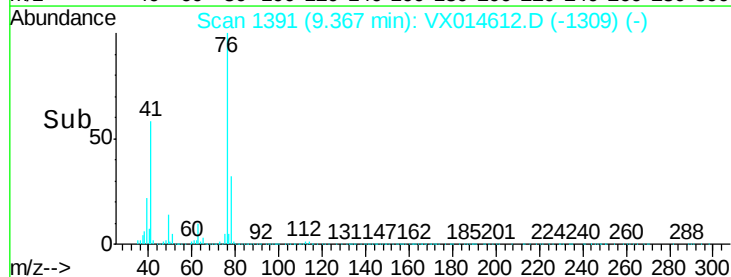
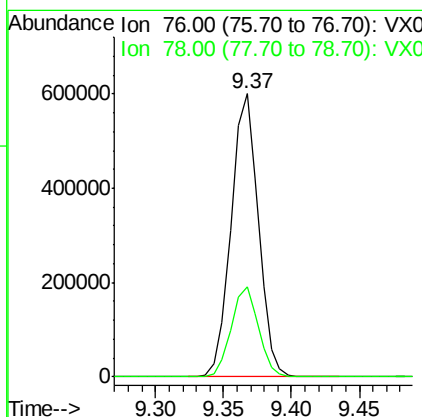
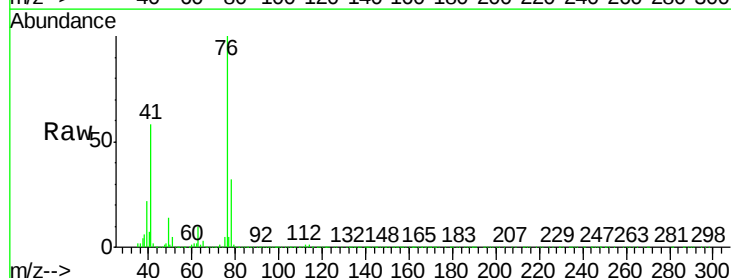
RT: 9.37 min Scan# 1391

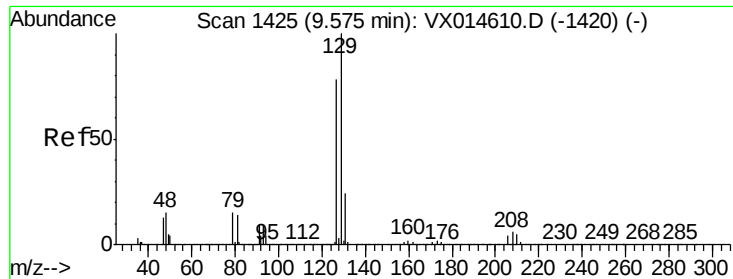
Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion:	76	Resp:	837449
Ion Ratio	Lower	Upper	
76	100		
78	31.8	0.0	63.4





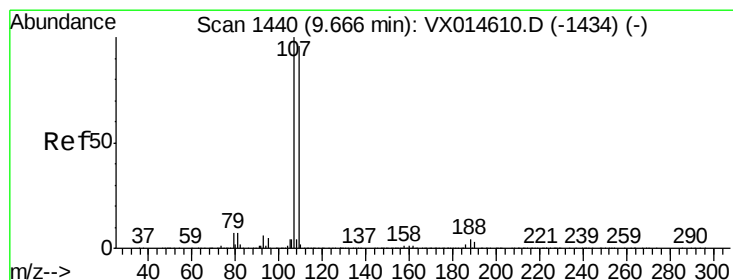
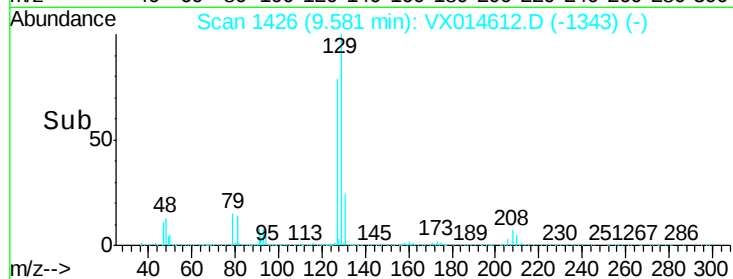
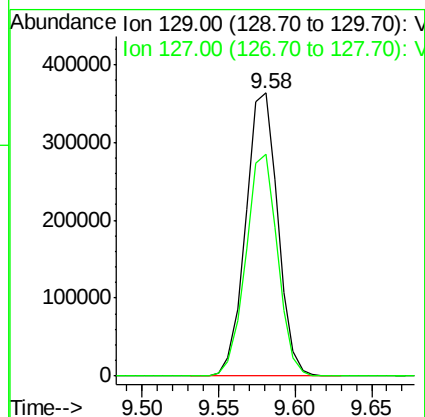
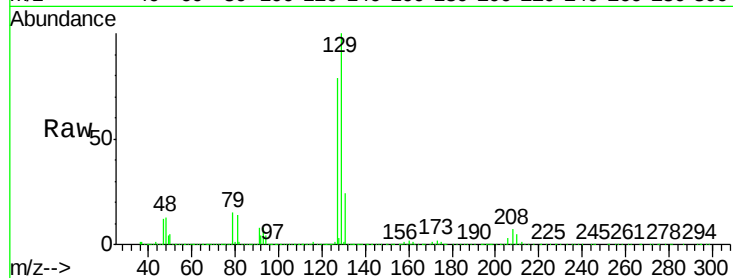
#53
Dibromochloromethane
Concen: 108.745 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.1	117.5

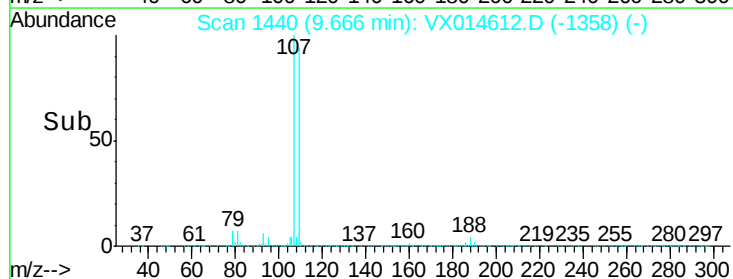
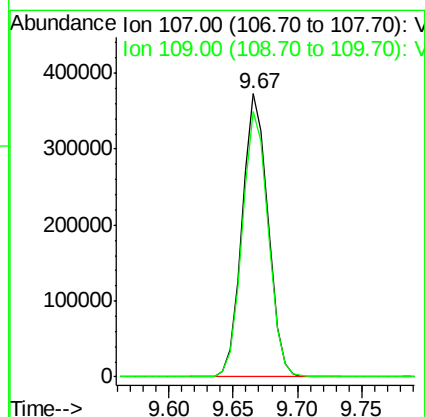
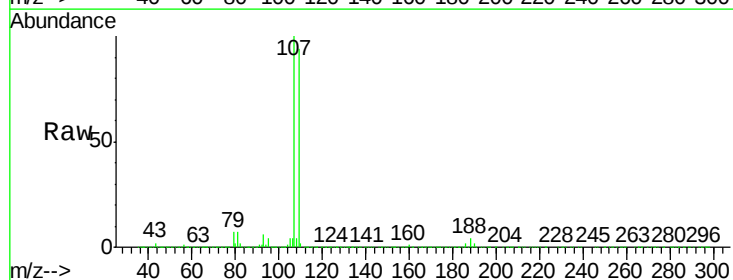
Manual Integrations
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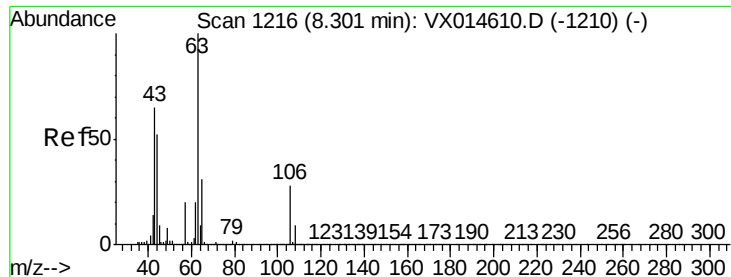
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#54
1,2-Dibromoethane
Concen: 102.827 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.1	77.2	115.8





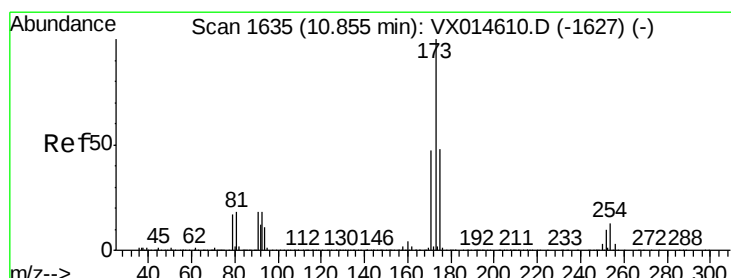
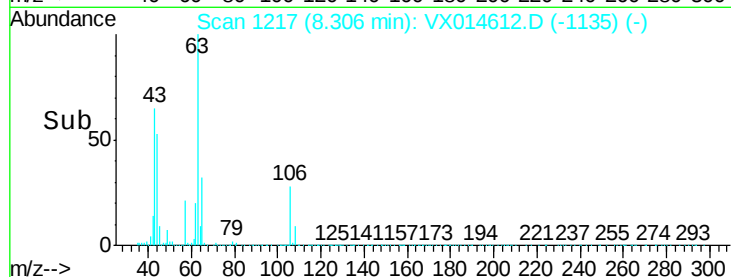
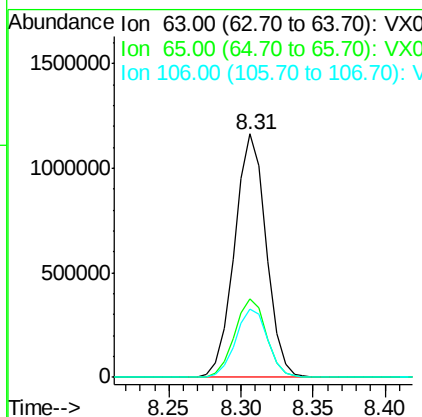
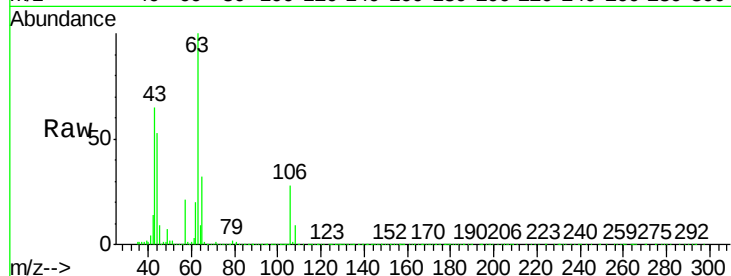
#55
2-Chloroethyl vinyl ether
Concen: 521.752 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.8	38.6
106	28.5	22.9	34.3

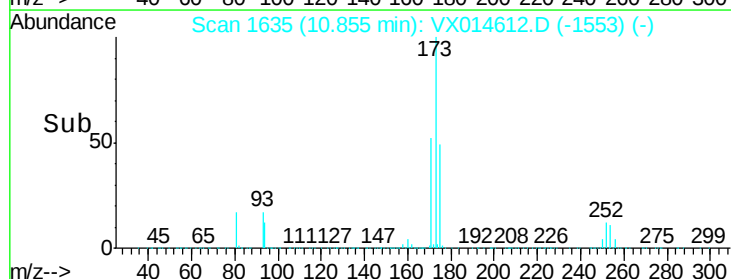
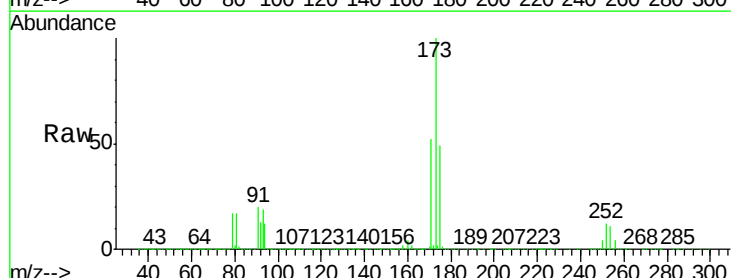
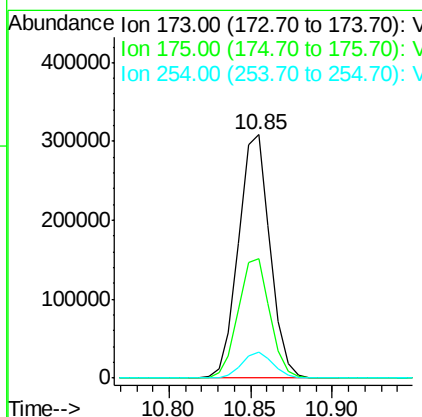
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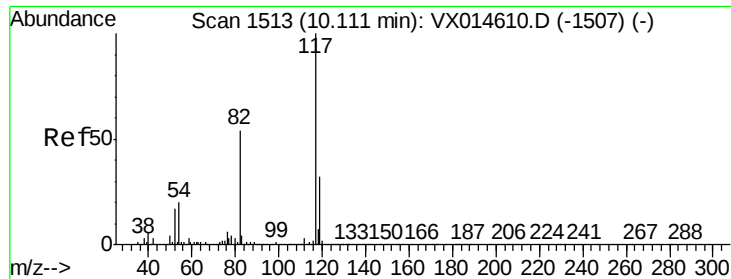
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#56
Bromoform
Concen: 109.500 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.5	59.3
254	10.7	8.2	12.4





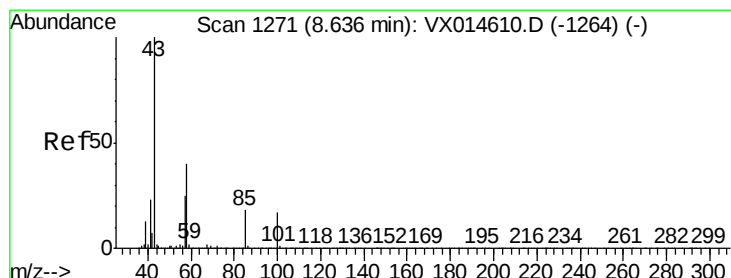
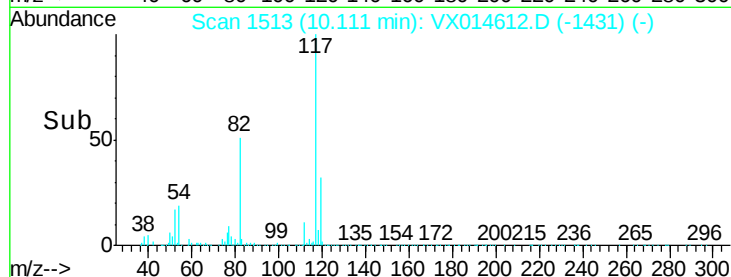
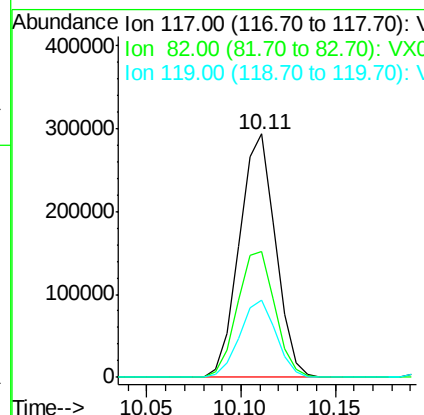
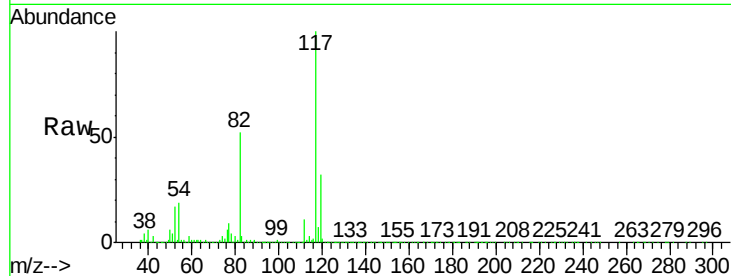
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.8	65.6
119	32.0	25.8	38.6

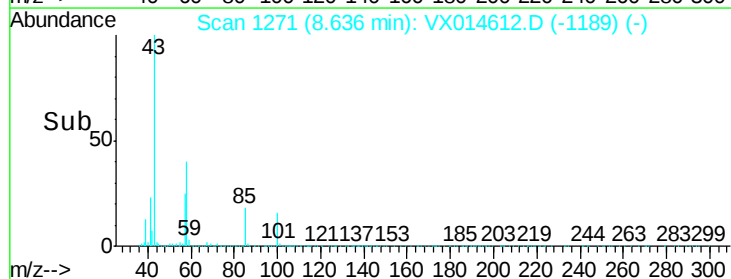
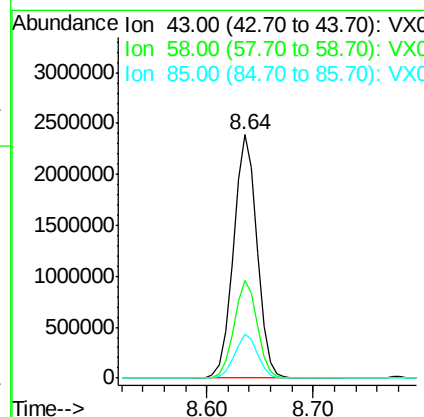
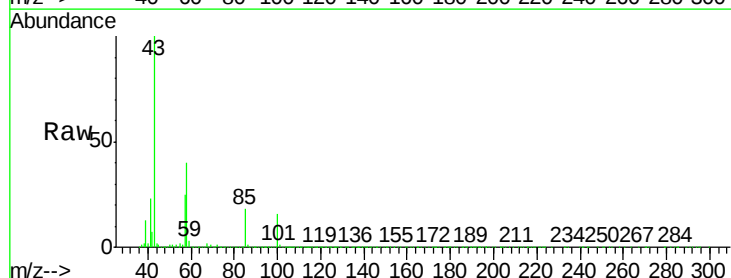
Manual Integrations
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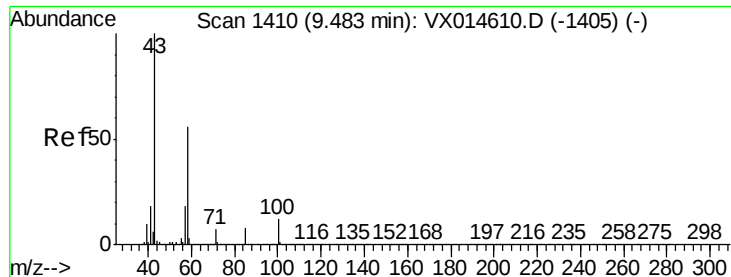
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#58
4-Methyl-2-Pentanone
Concen: 505.857 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.2	46.8
85	17.6	14.2	21.2





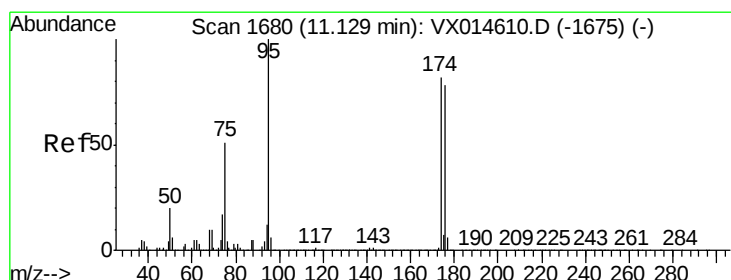
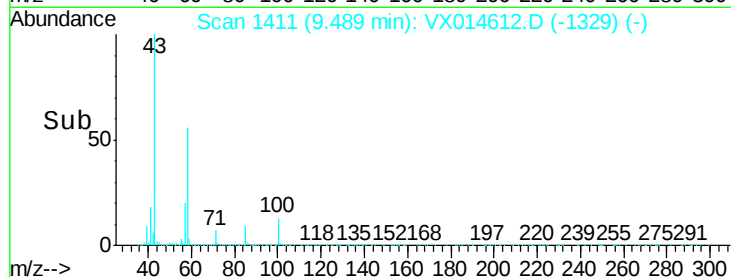
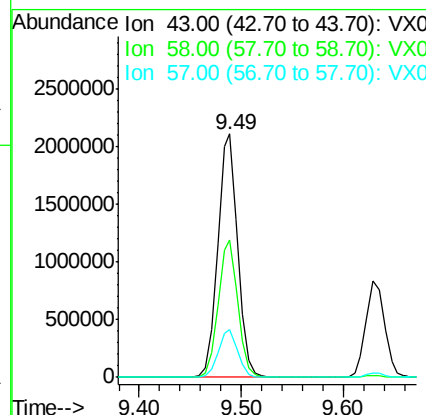
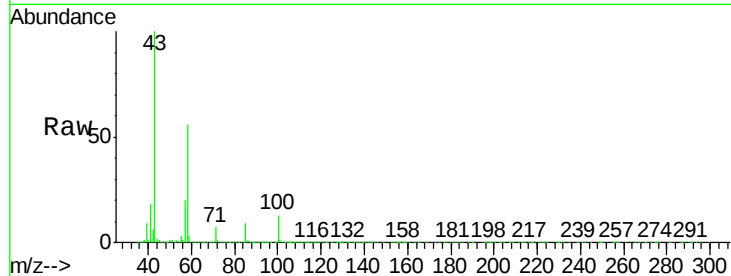
#59
2-Hexanone
Concen: 522.126 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2891470
Ion Ratio Lower Upper
43 100
58 55.8 43.8 65.6
57 19.2 15.4 23.0

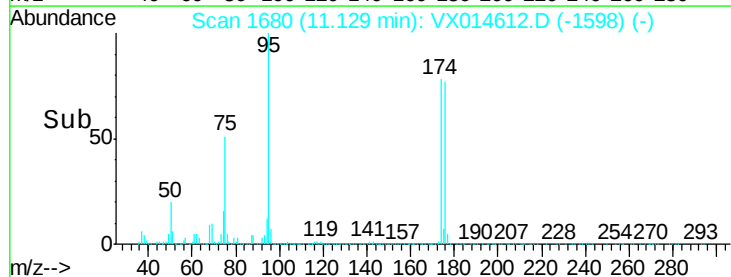
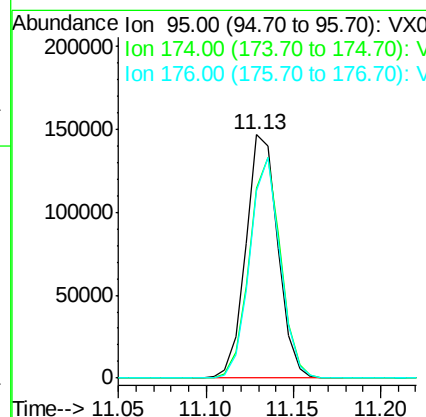
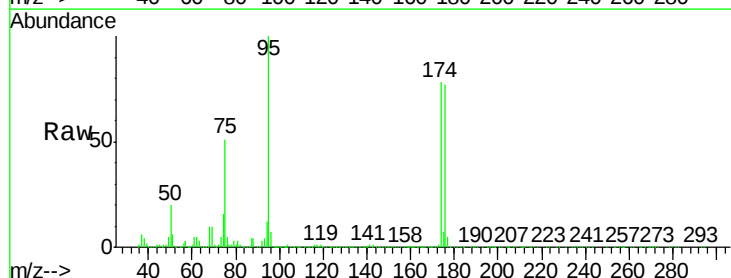
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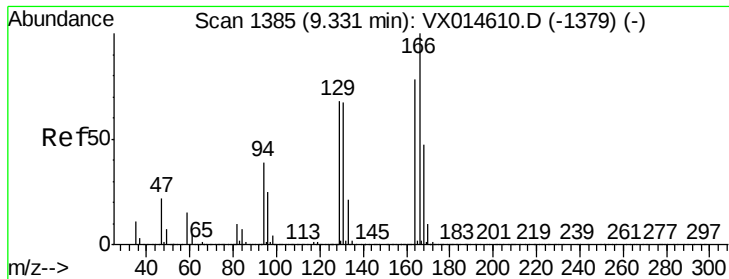
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.587 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion: 95 Resp: 186337
Ion Ratio Lower Upper
95 100
174 88.9 70.2 105.2
176 86.2 68.3 102.5





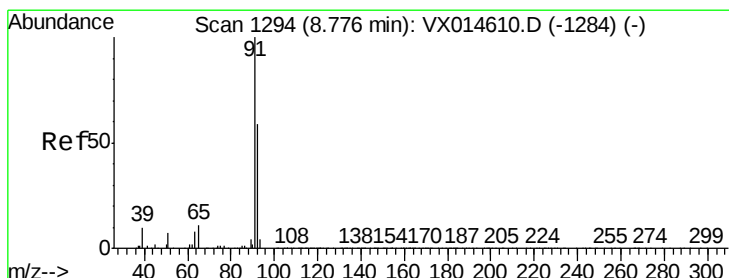
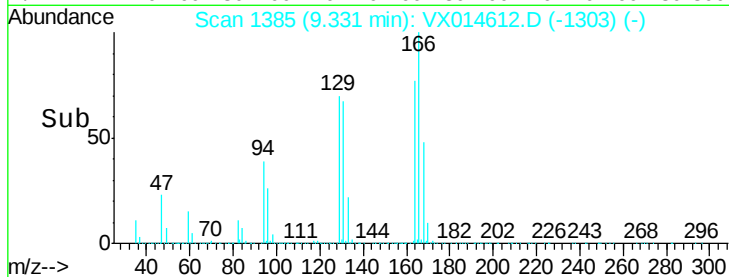
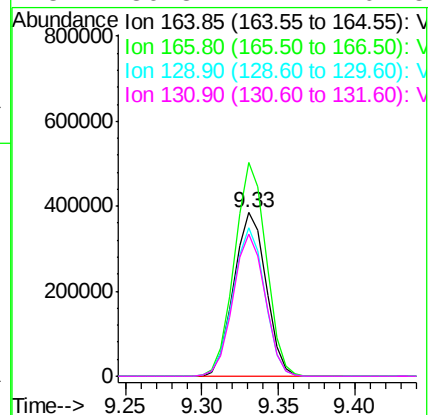
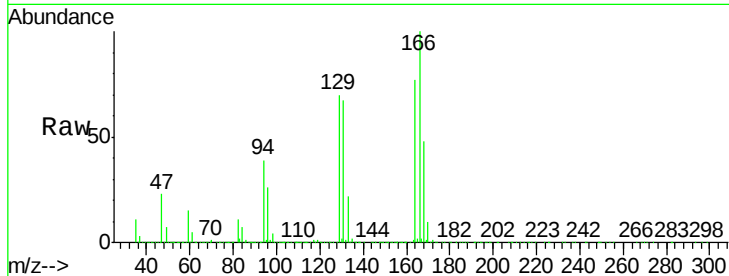
#61
Tetrachloroethene
Concen: 109.518 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.5	104.2	156.2
129	91.0	71.6	107.4
131	86.8	71.7	107.5

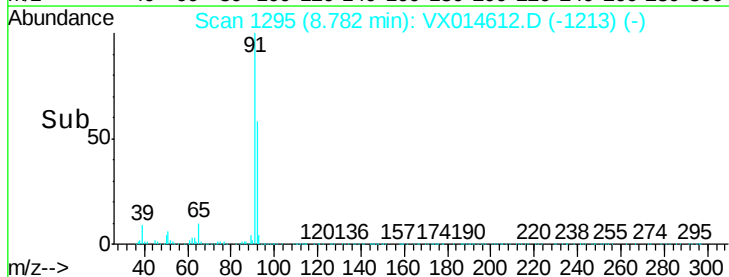
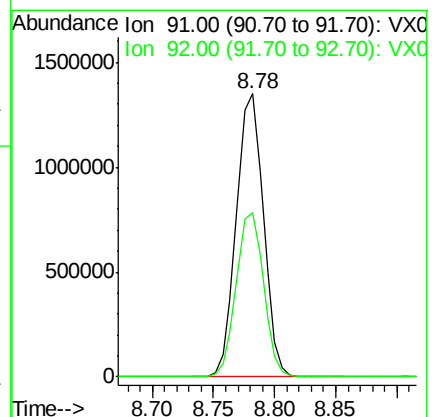
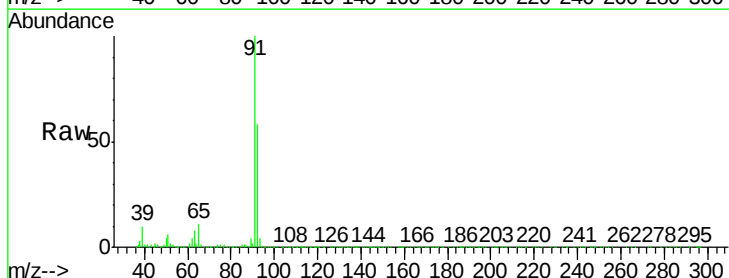
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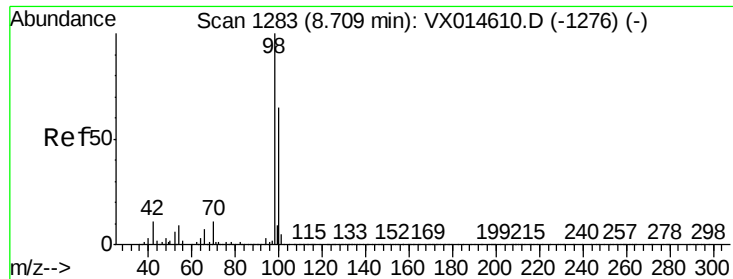
MMDadoda
1/16/2020 9:42:06 AM



#62
Toluene
Concen: 99.717 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.4	69.6





#63

Toluene-d8

Concen: 29.882 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 98 Resp: 520932

Ion Ratio Lower Upper

98 100

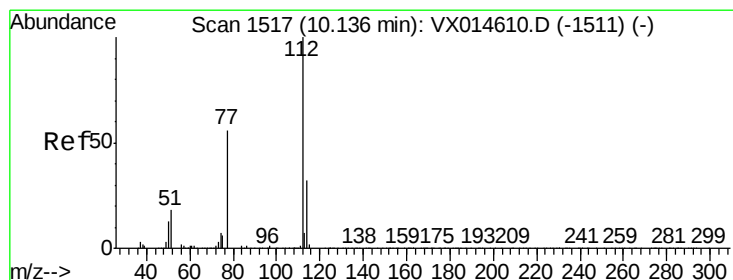
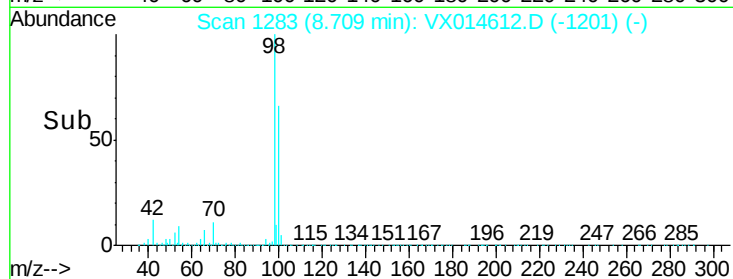
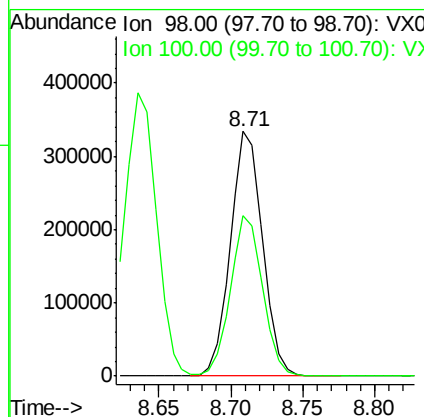
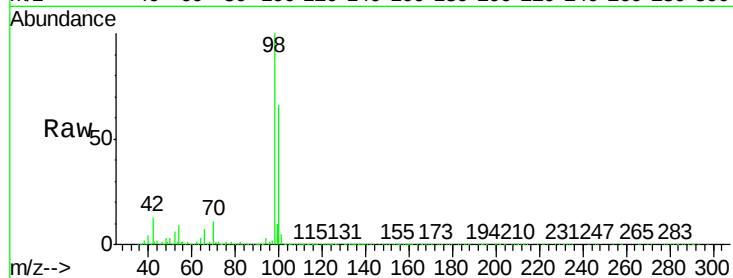
100 65.3 52.2 78.2

Manual Integrations

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#64

Chlorobenzene

Concen: 100.106 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014612.D

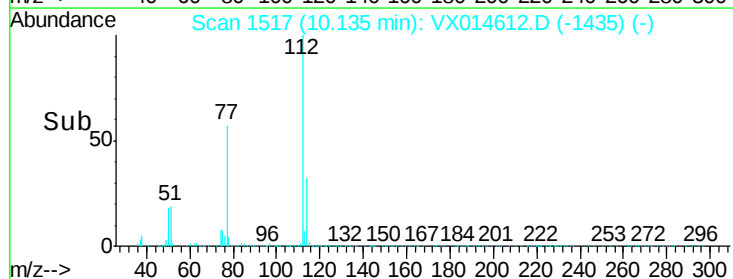
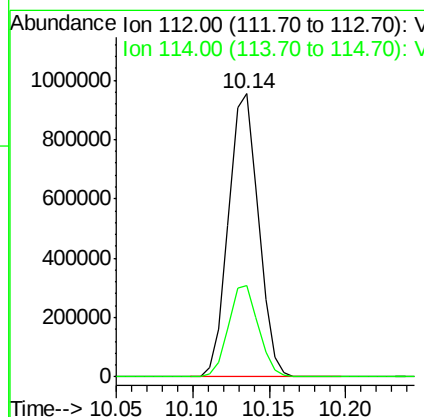
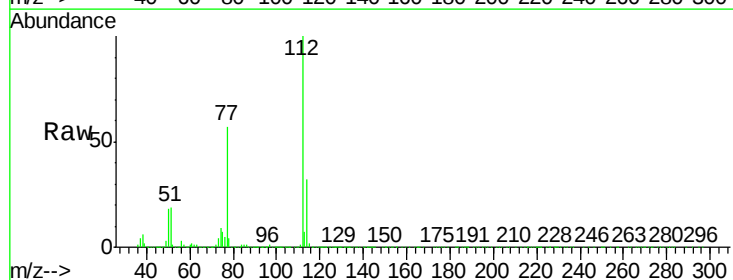
Acq: 15 Jan 2020 11:57

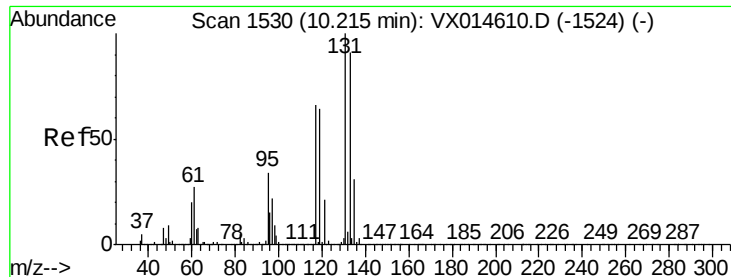
Tgt Ion: 112 Resp: 1300938

Ion Ratio Lower Upper

112 100

114 32.4 24.4 36.6





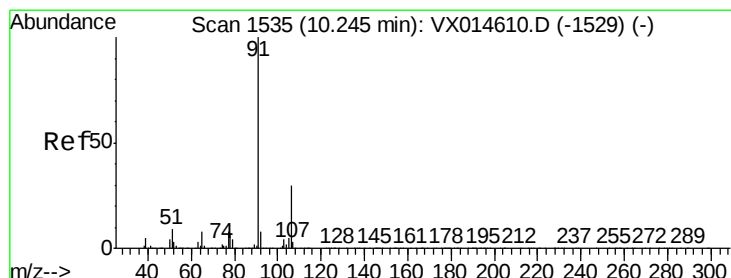
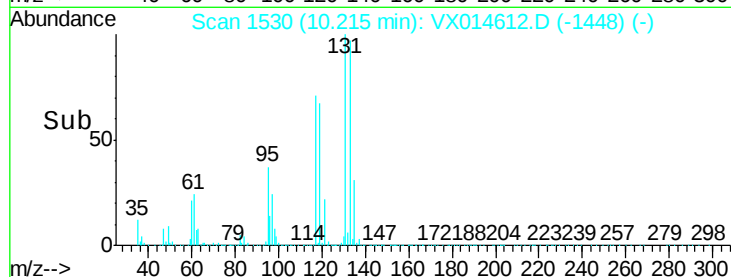
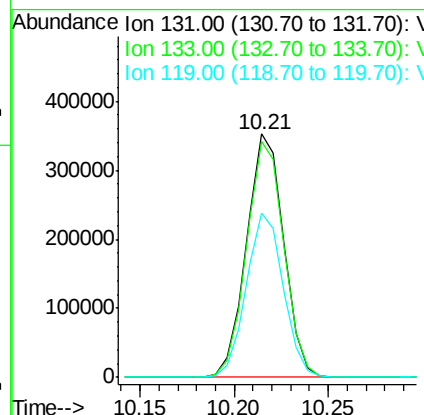
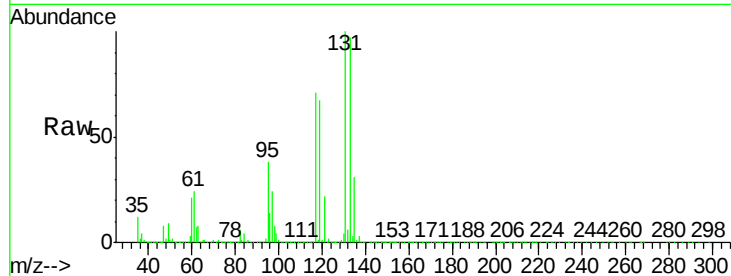
#65
 1,1,1,2-Tetrachloroethane
 Concen: 100.357 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	482920		
133	96.8	0.0	189.8	
119	67.0	0.0	132.2	

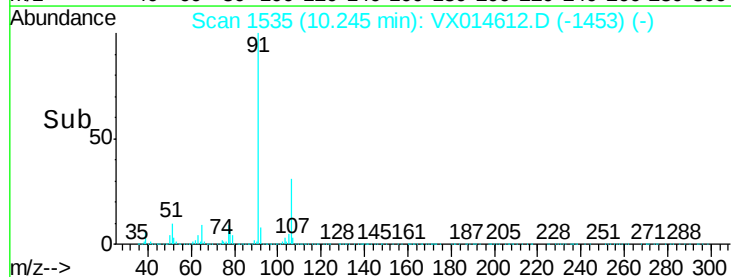
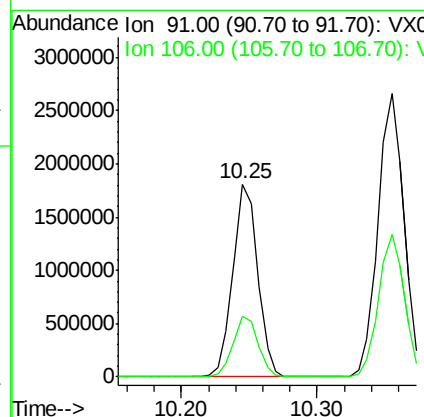
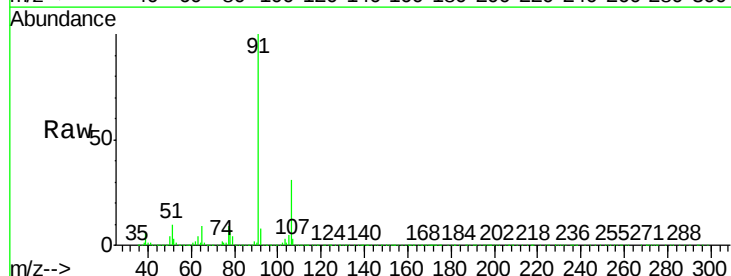
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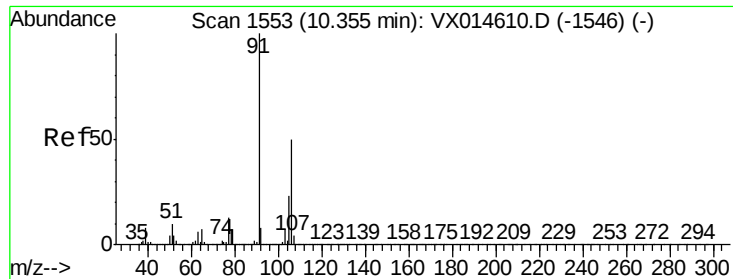
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#66
 Ethyl Benzene
 Concen: 101.456 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2303088		
106	31.3	24.2	36.2	





#67

m/p-Xylenes

Concen: 204.251 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:106 Resp: 1772414

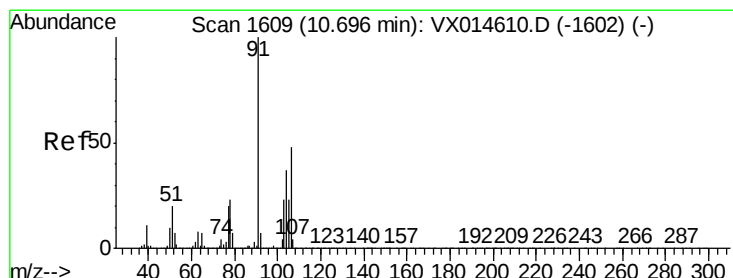
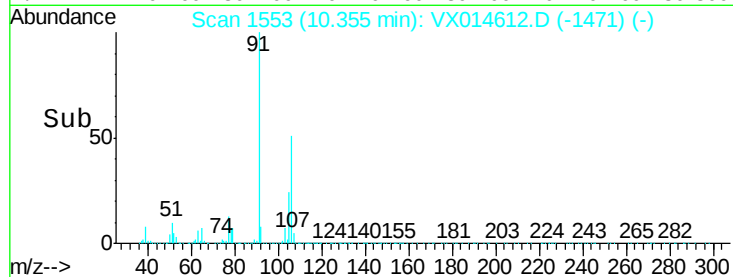
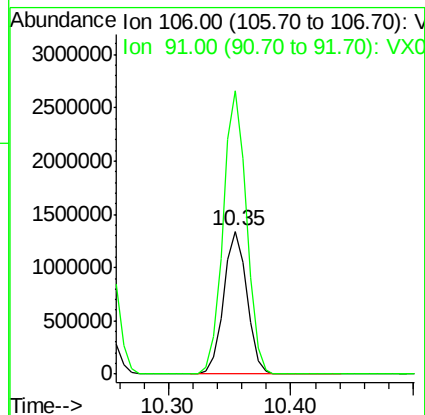
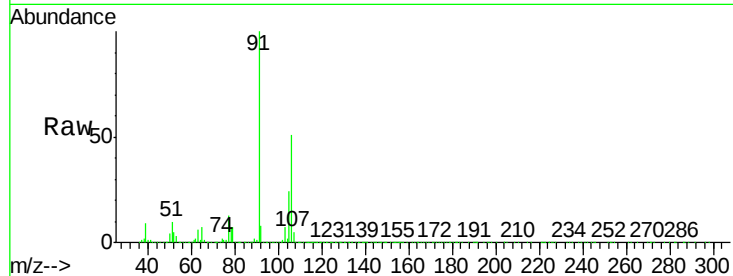
Ion Ratio Lower Upper

106 100

91 198.6 159.3 238.9

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#68

o-Xylene

Concen: 99.024 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX014612.D

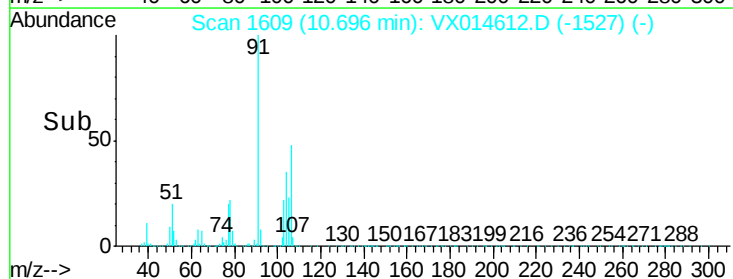
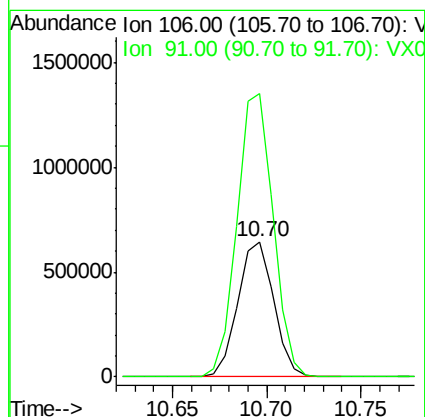
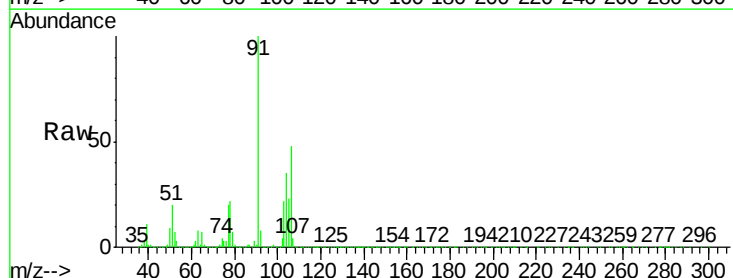
Acq: 15 Jan 2020 11:57

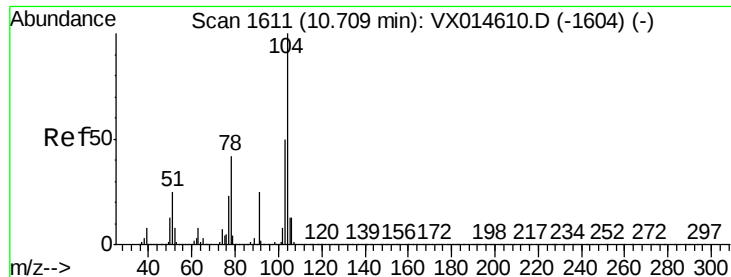
Tgt Ion:106 Resp: 851268

Ion Ratio Lower Upper

106 100

91 211.5 104.8 314.6





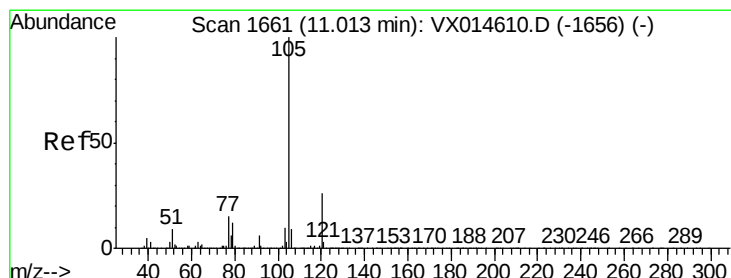
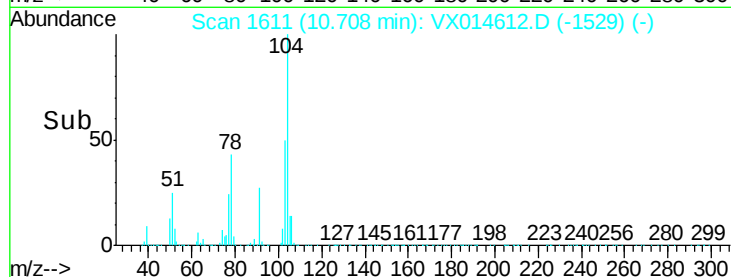
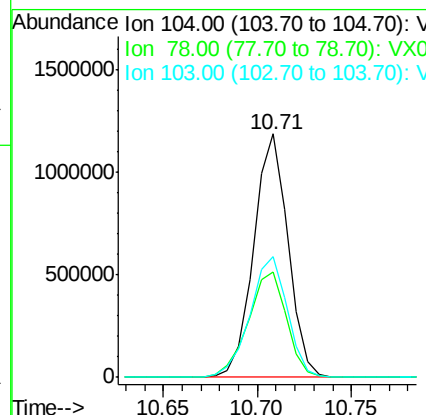
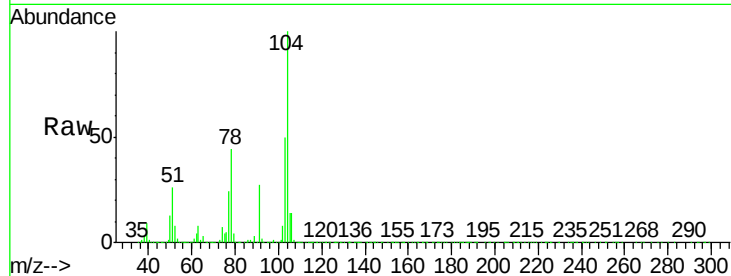
#69
Stvrene
Concen: 102.234 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.9	58.3
103	54.1	44.2	66.2

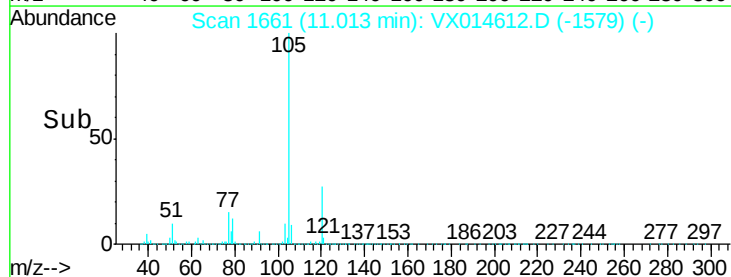
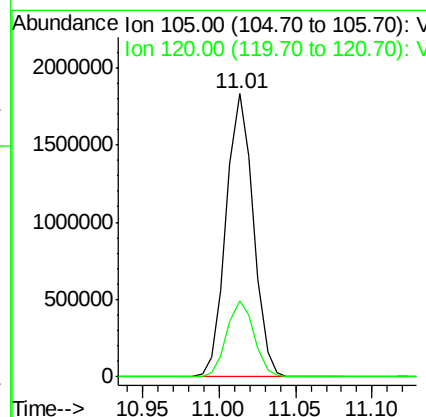
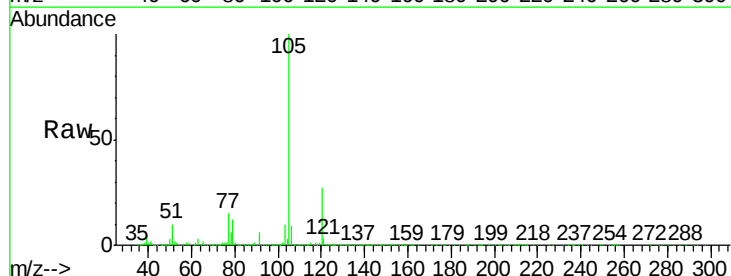
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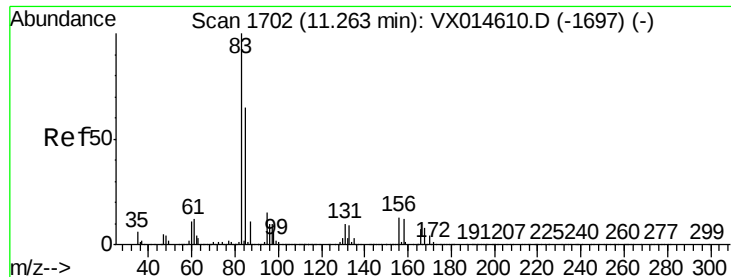
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#70
Isopropylbenzene
Concen: 101.224 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 95.969 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

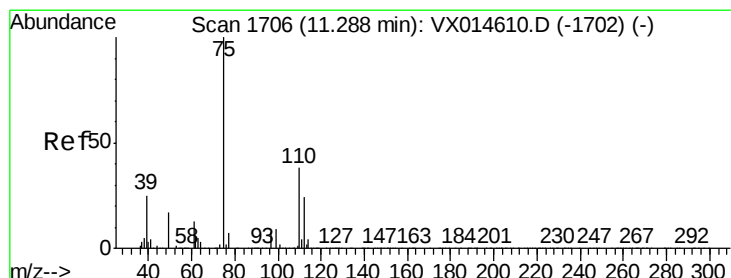
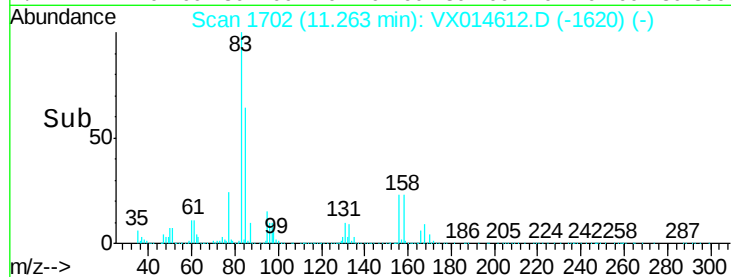
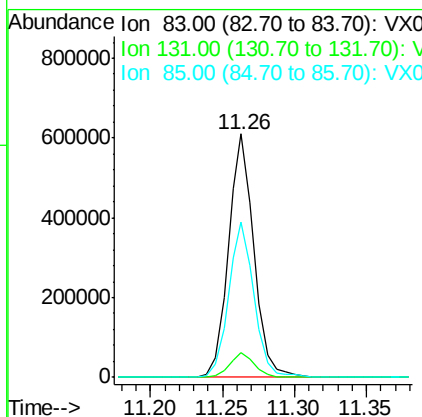
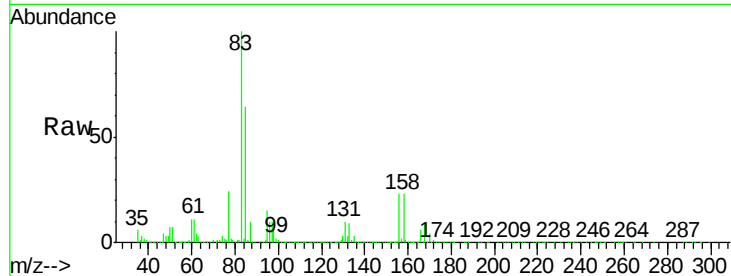
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	756058
Ion Ratio		Lower	Upper
83	100		
131	10.0	4.9	14.7
85	63.8	31.6	94.7

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#72

1,2,3-Trichloropropane

Concen: 87.348 ug/l m

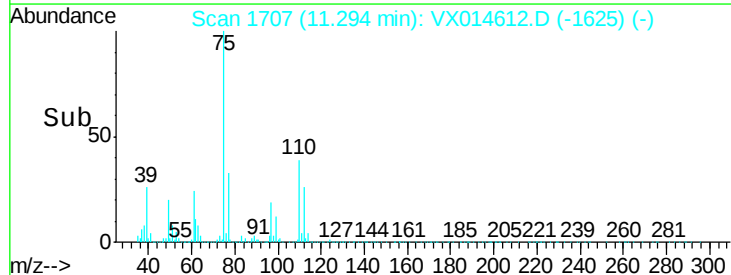
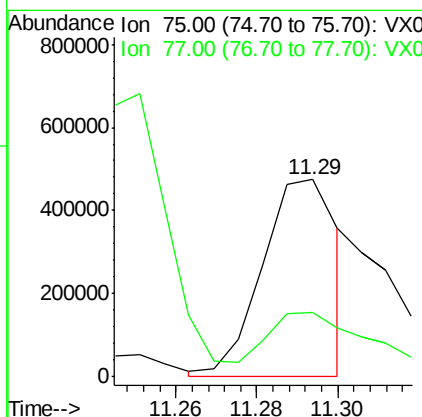
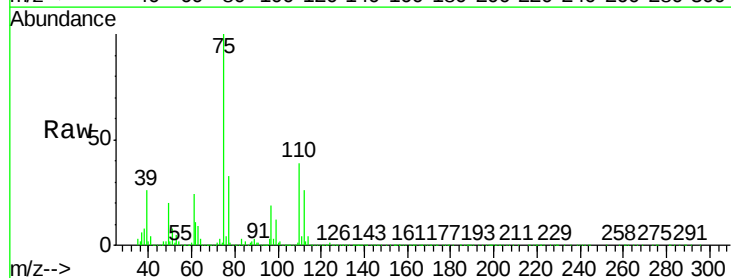
RT: 11.29 min Scan# 1707

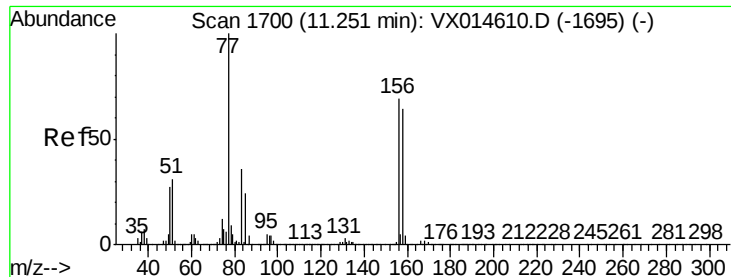
Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion:	75	Resp:	612525
Ion Ratio		Lower	Upper
75	100		
77	42.9	0.0	68.4





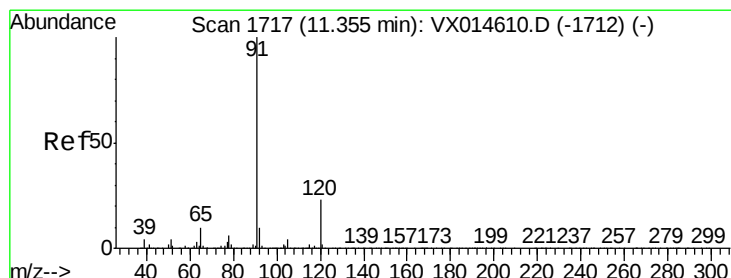
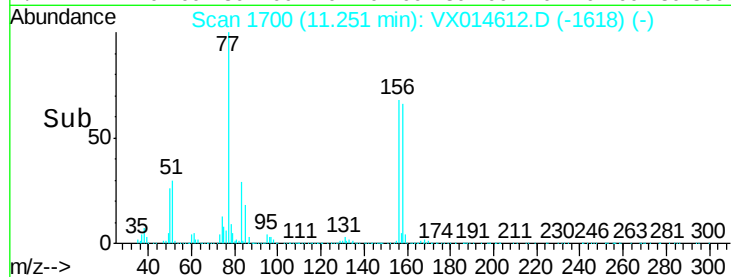
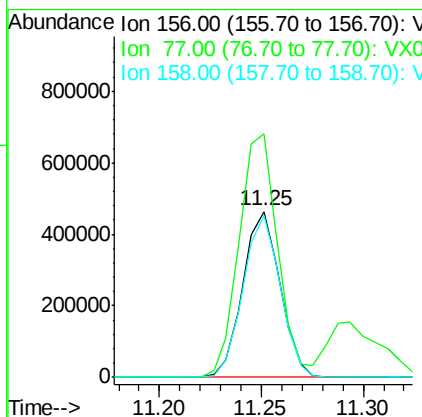
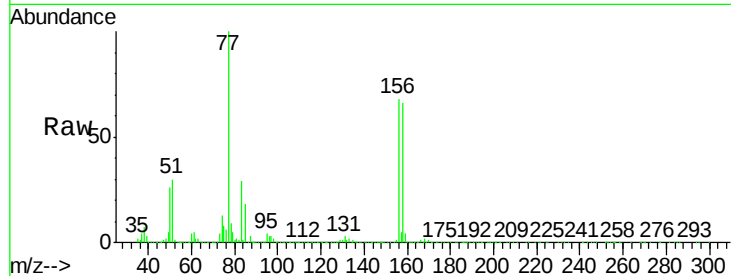
#73
Bromobenzene
Concen: 99.407 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.8	0.0	304.6
158	97.3	0.0	195.2

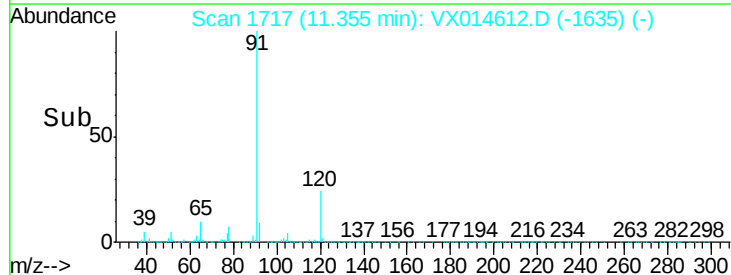
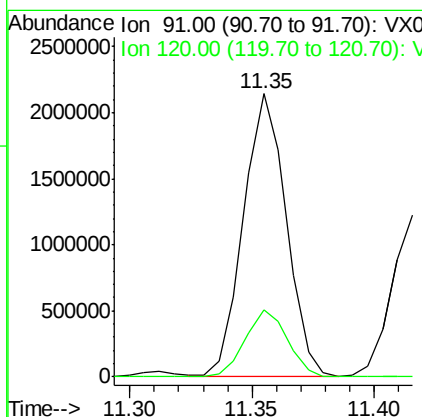
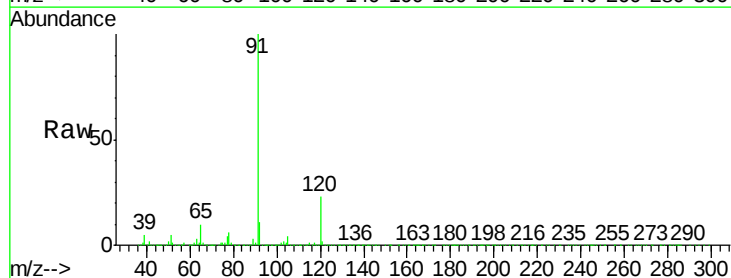
Manual Integrations
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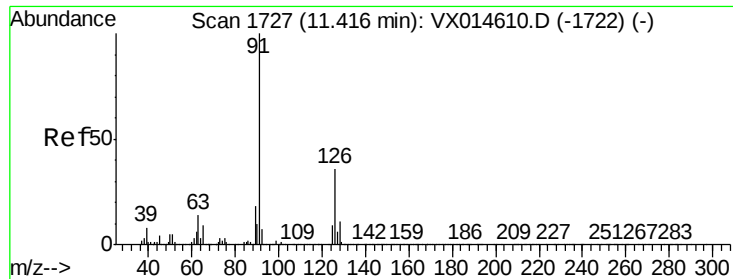
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#74
n-propylbenzene
Concen: 103.596 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	44.8





#75

2-Chlorotoluene

Concen: 100.373 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1528139

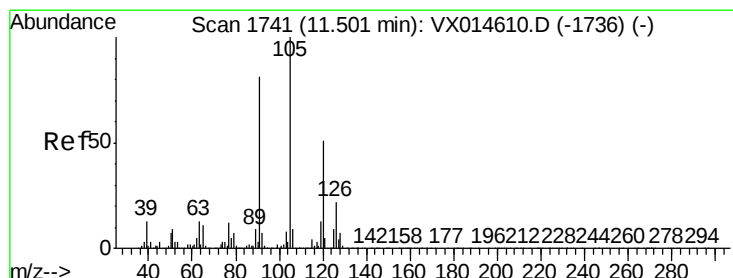
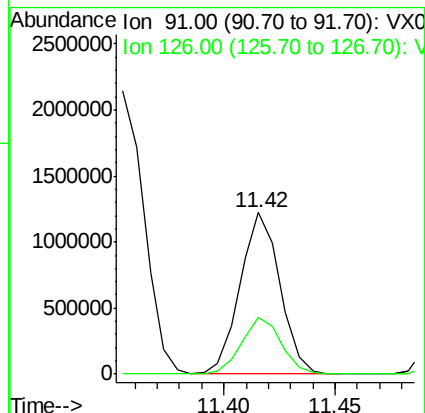
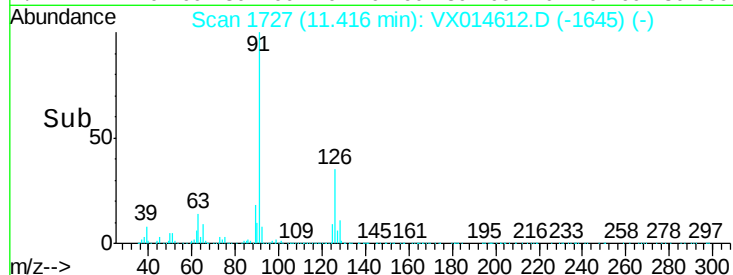
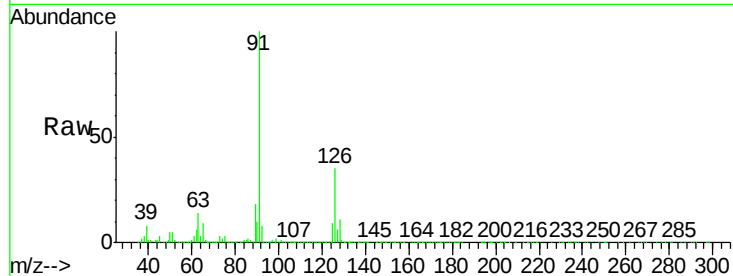
Ion Ratio Lower Upper

91 100

126 34.8 0.0 70.8

Manual Integrations
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#76

1,3,5-Trimethylbenzene

Concen: 100.375 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014612.D

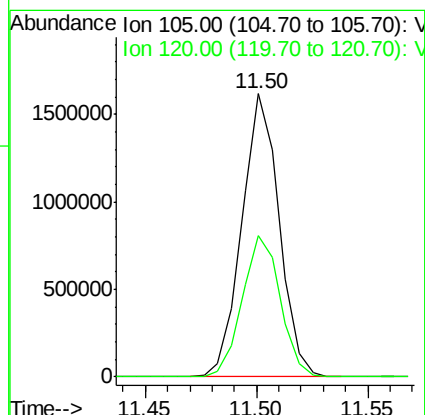
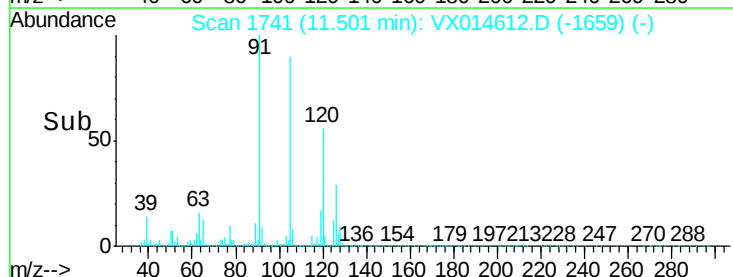
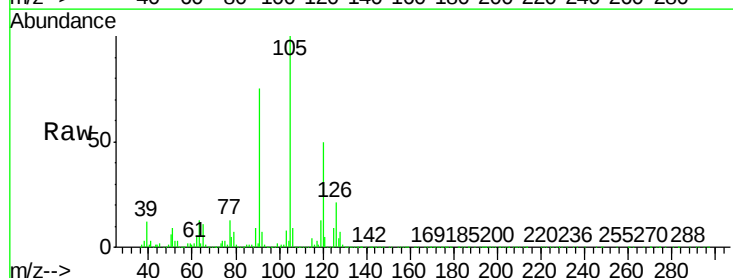
Acq: 15 Jan 2020 11:57

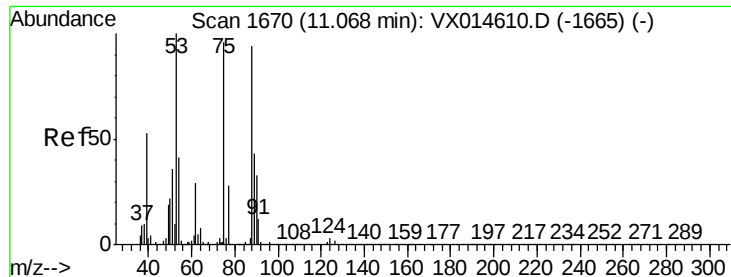
Tgt Ion: 105 Resp: 1891577

Ion Ratio Lower Upper

105 100

120 50.7 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 120.364 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

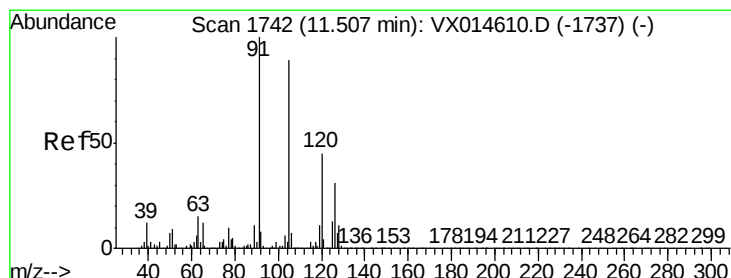
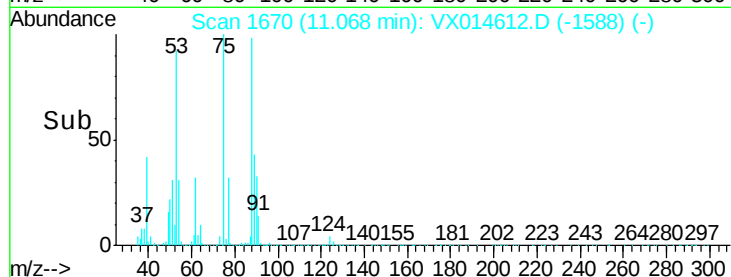
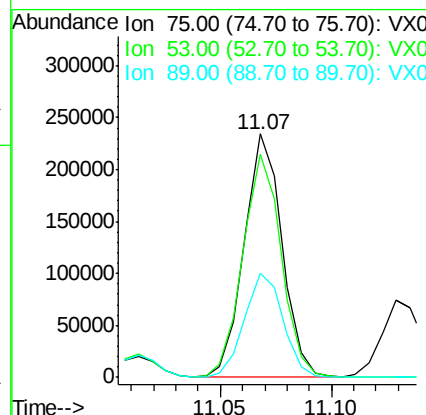
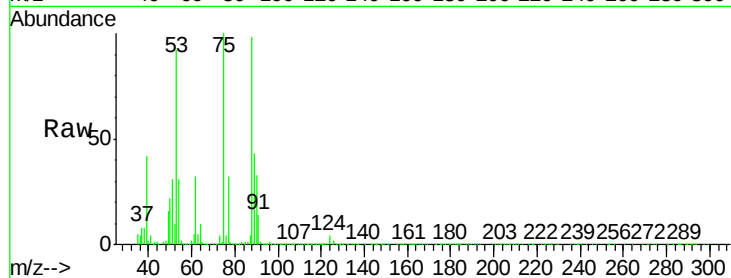
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	278729
Ion Ratio	Lower	Upper	
75	100		
53	91.5	54.4	163.1
89	42.7	21.9	65.5

Manual Integrations
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#78

4-Chlorotoluene

Concen: 101.345 ug/l

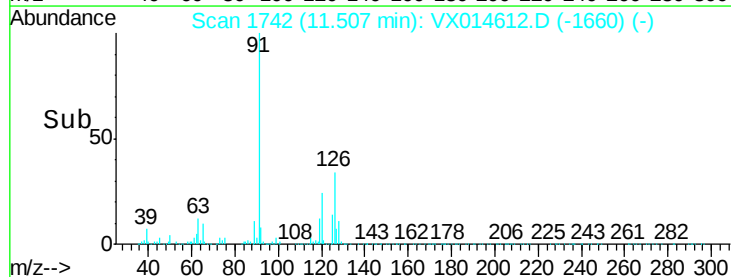
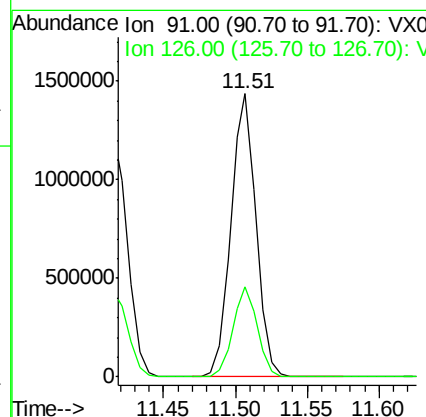
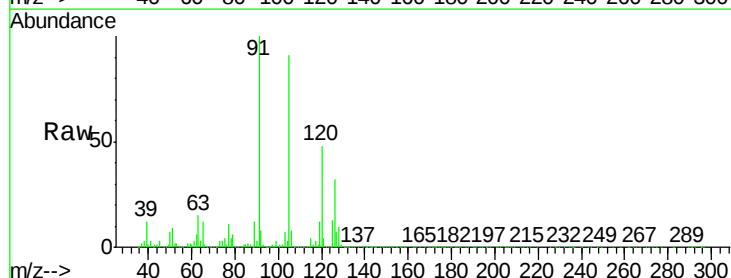
RT: 11.51 min Scan# 1742

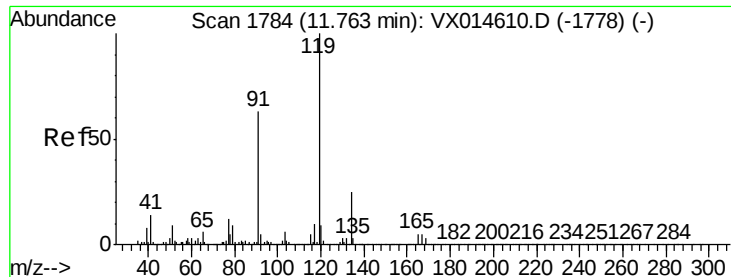
Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Tgt Ion:	91	Resp:	1763116
Ion Ratio	Lower	Upper	
91	100		
126	31.0	0.0	59.6





#79

tert-butylbenzene

Concen: 97.939 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:119 Resp: 1778999

Ion Ratio Lower Upper

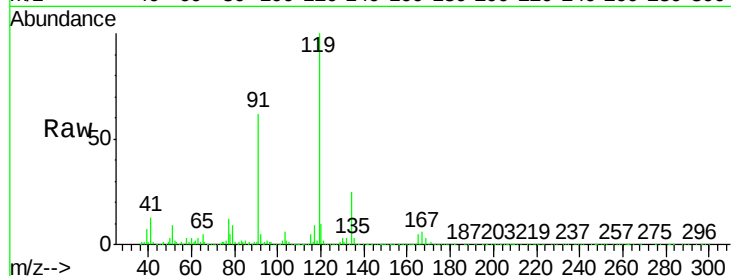
119 100

91 57.9 0.0 112.6

134 24.7 0.0 49.8

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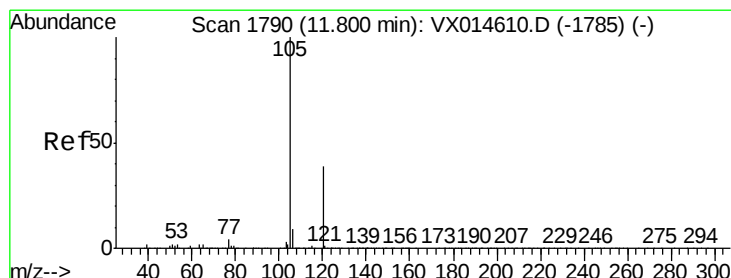
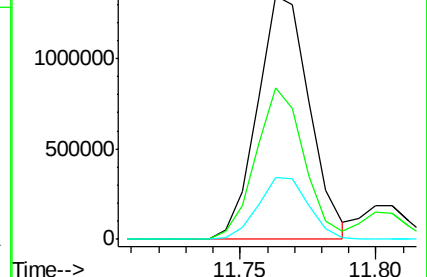
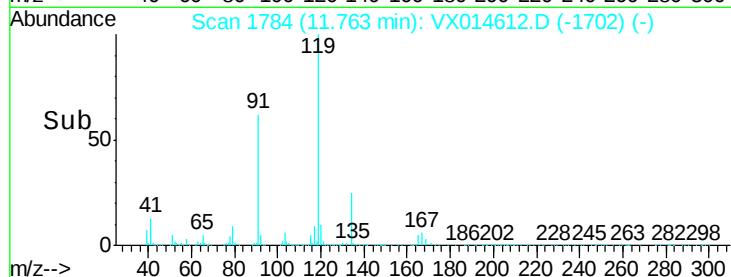
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 100.034 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014612.D

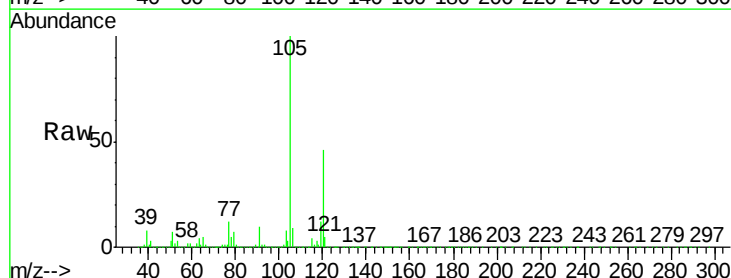
Acq: 15 Jan 2020 11:57

Tgt Ion:105 Resp: 1884975

Ion Ratio Lower Upper

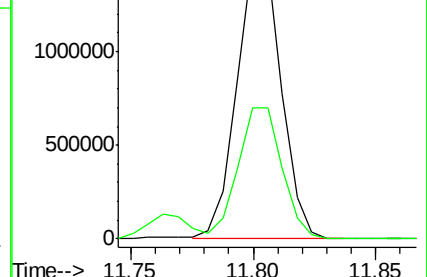
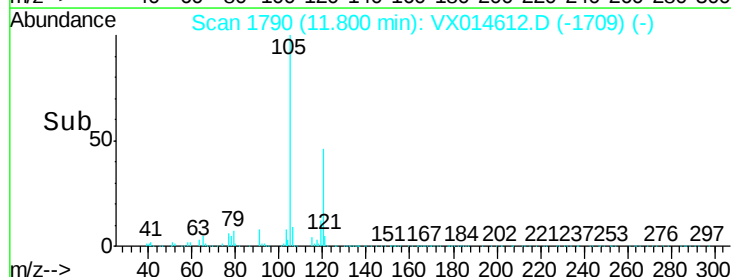
105 100

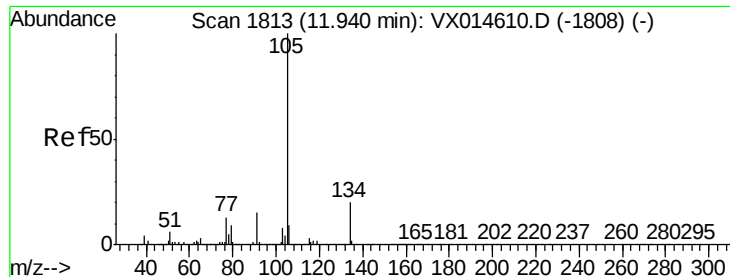
120 46.7 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 101.378 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 2190339

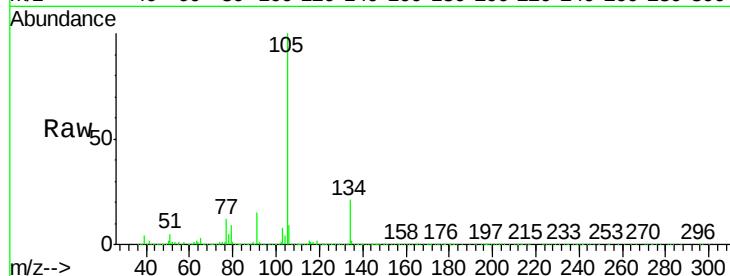
Ion Ratio Lower Upper

105 100

134 20.8 0.0 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

2000000

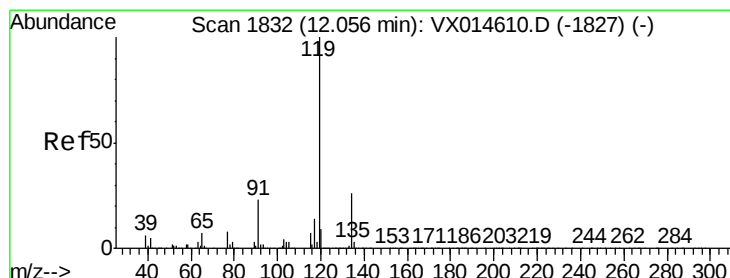
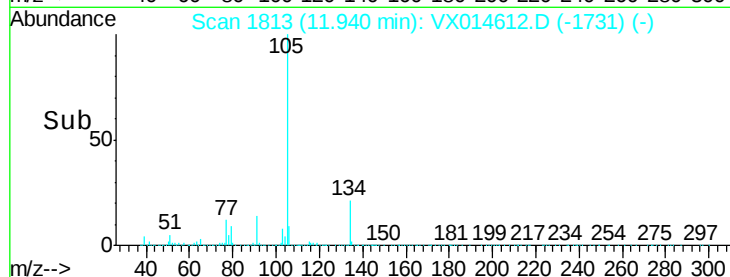
1500000

1000000

500000

0

Time-->



#82

p-Isopropyltoluene

Concen: 103.699 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014612.D

Acq: 15 Jan 2020 11:57

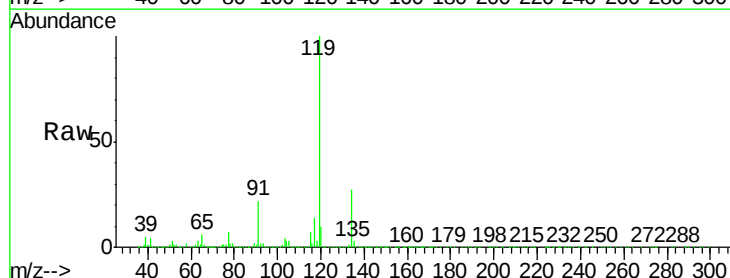
Tgt Ion:119 Resp: 2021872

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.8

91 22.7 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

2000000

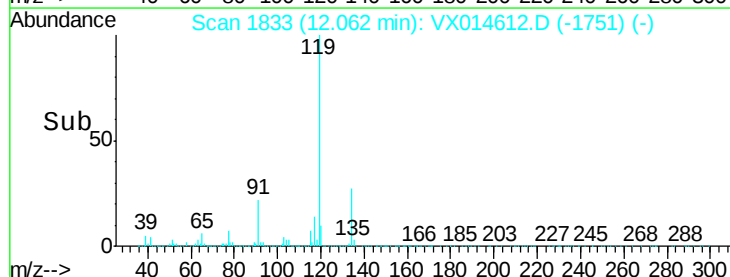
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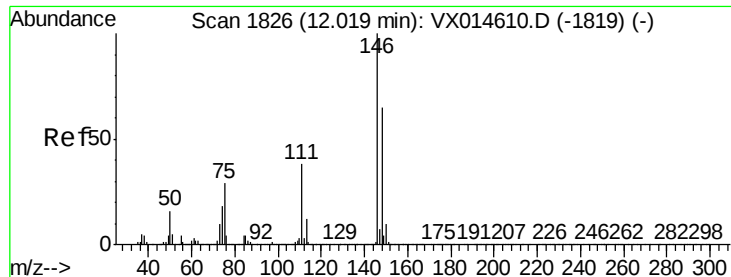
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Time-->





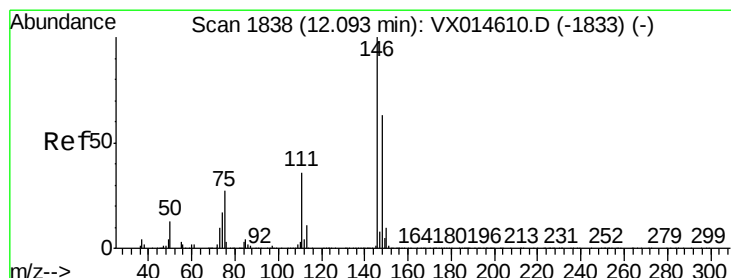
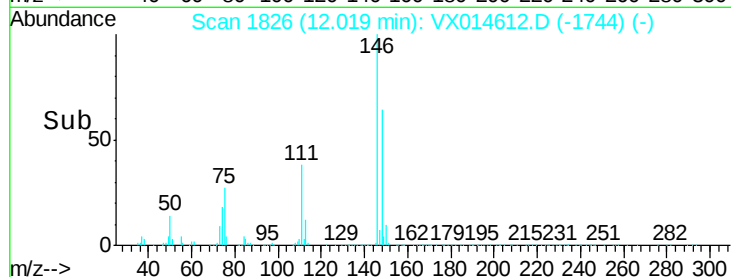
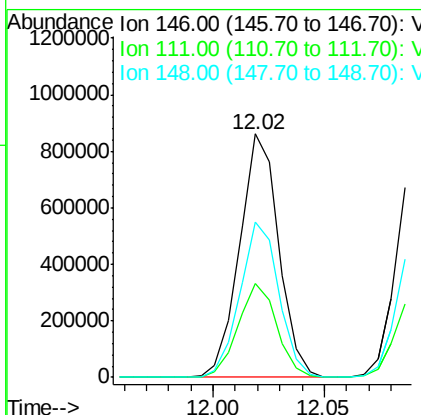
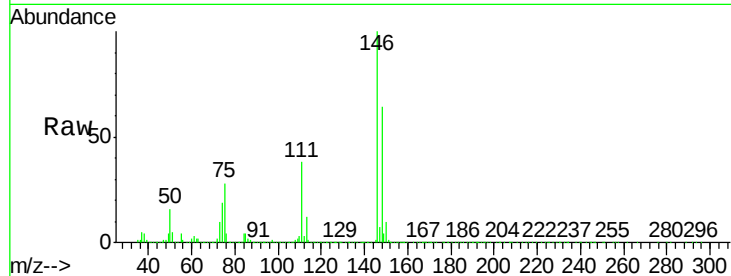
#83
1,3-Dichlorobenzene
Concen: 102.108 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.9
148	63.6	32.2	96.6

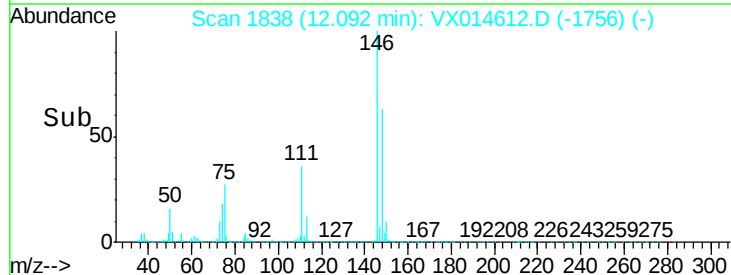
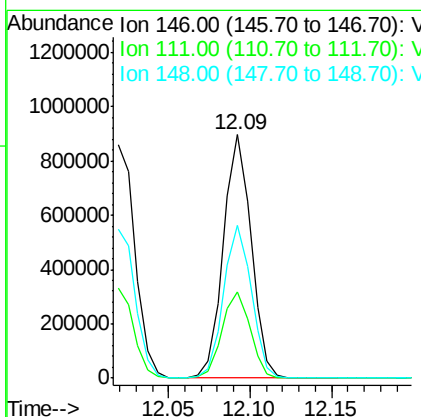
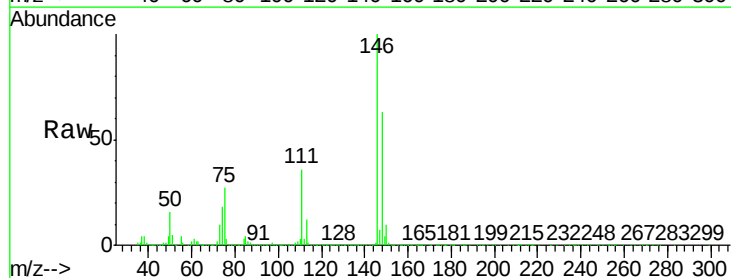
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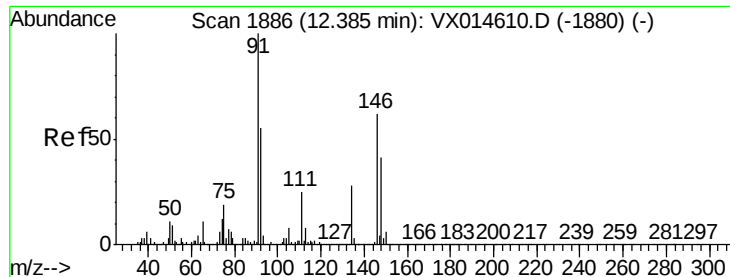
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#84
1,4-Dichlorobenzene
Concen: 103.263 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.4
148	62.7	32.0	96.0





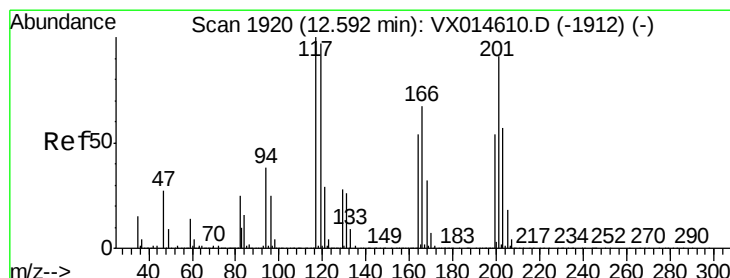
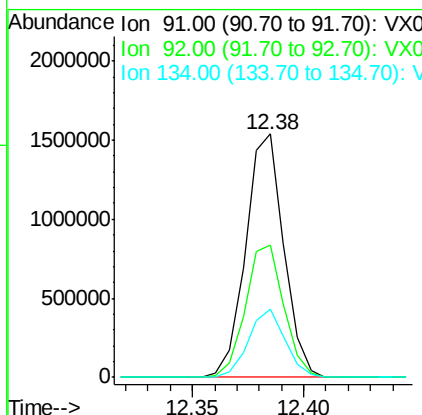
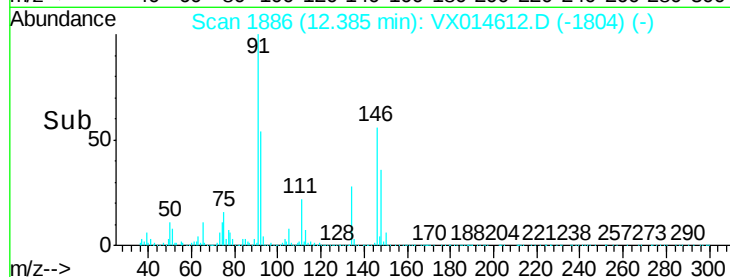
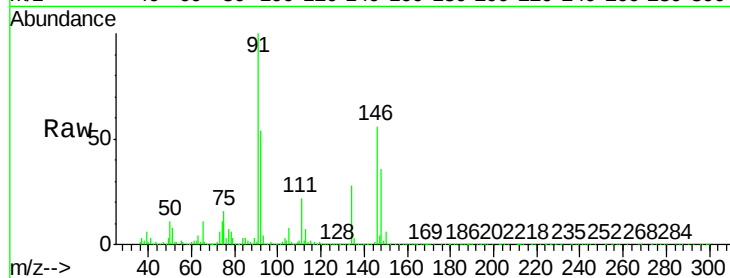
#85
n-Butylbenzene
Concen: 111.780 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	0.0	109.0
134	27.0	0.0	54.0

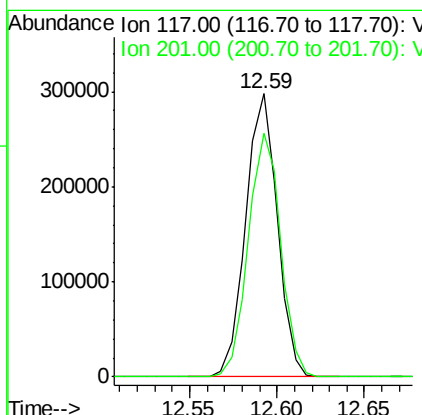
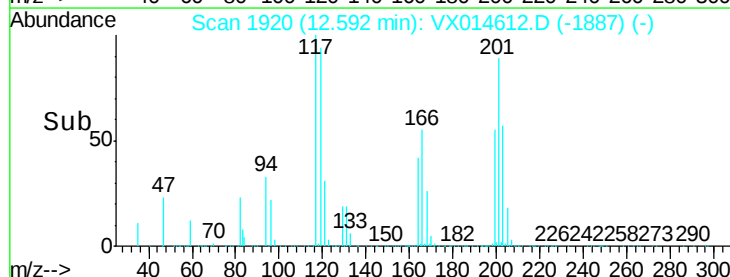
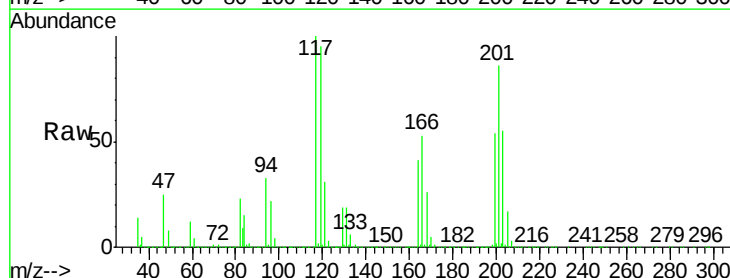
Manual Integrations
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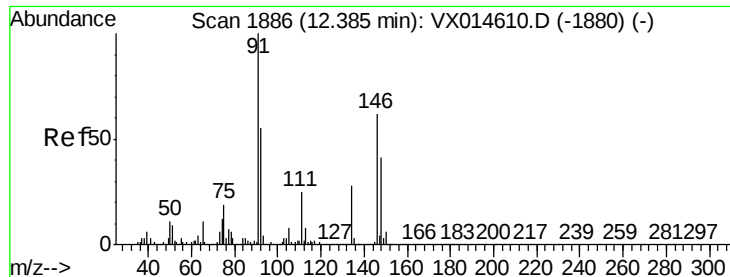
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#86
Hexachloroethane
Concen: 105.815 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.8	134.3





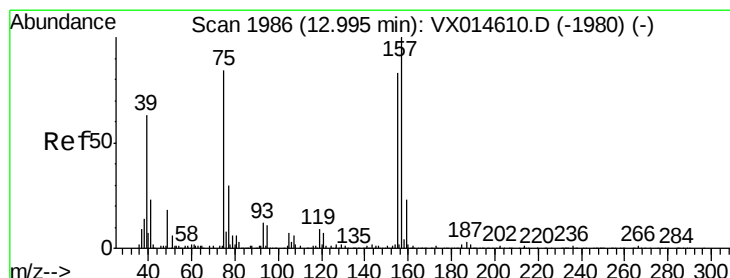
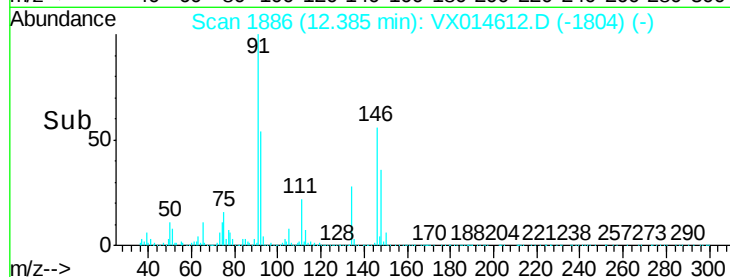
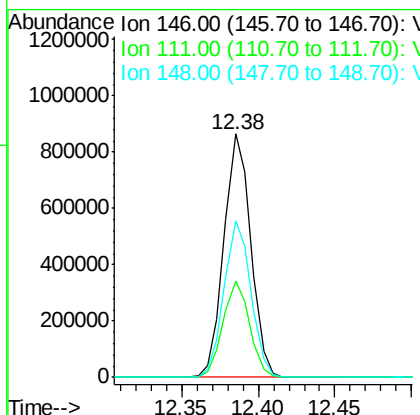
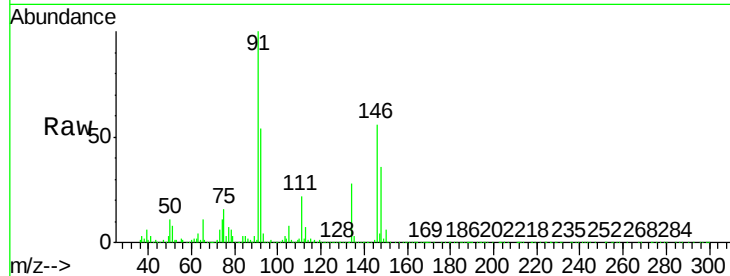
#87
 1,2-Dichlorobenzene
 Concen: 100.222 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.2
148	64.6	32.0	96.2

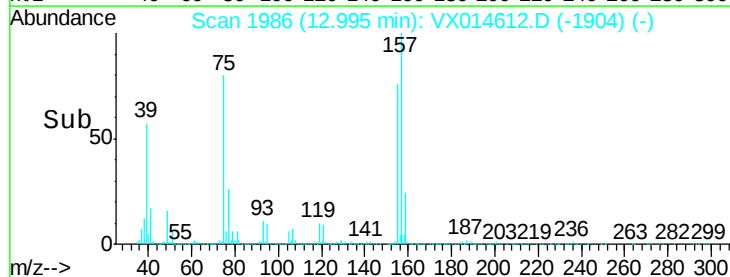
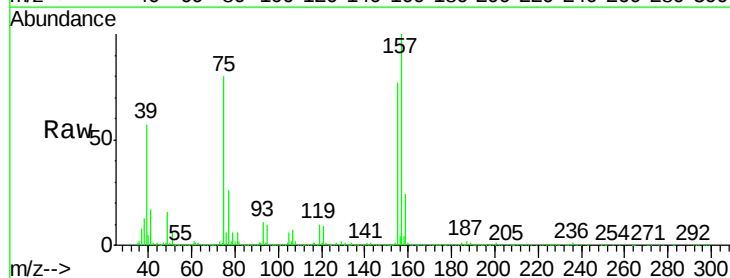
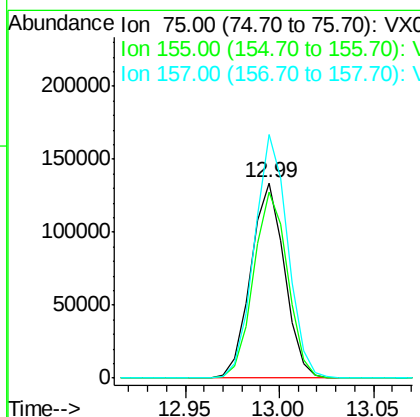
Manual Integrations
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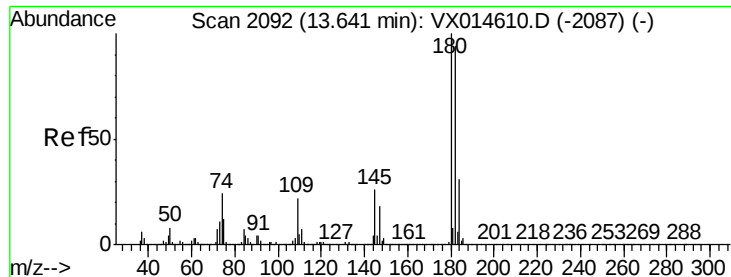
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 105.345 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	73.8	110.6
157	123.6	95.0	142.4





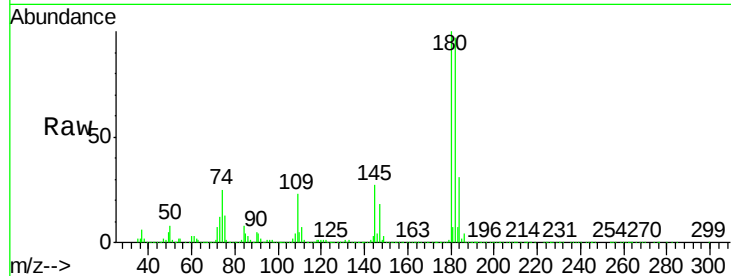
#89
 1,2,4-Trichlorobenzene
 Concen: 108.243 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.4	114.6
145	28.0	21.9	32.9

Manual Integrations
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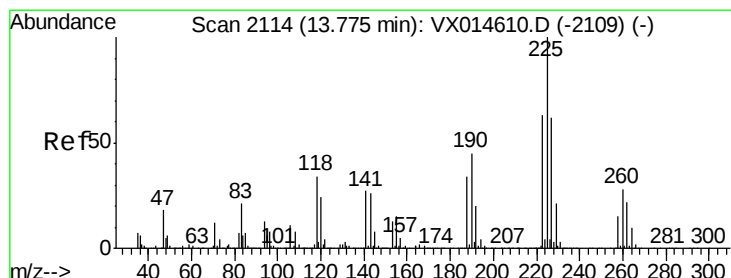
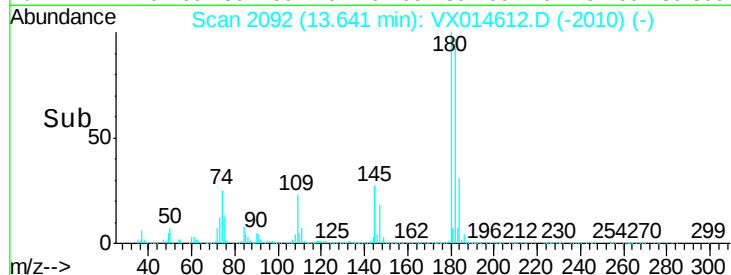
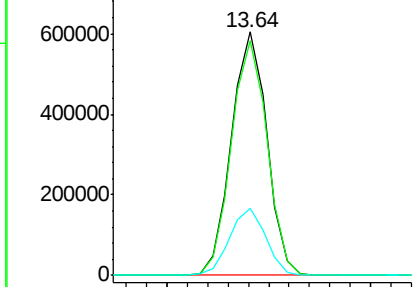


Abundance

Ion 180.00 (179.70 to 180.70): V

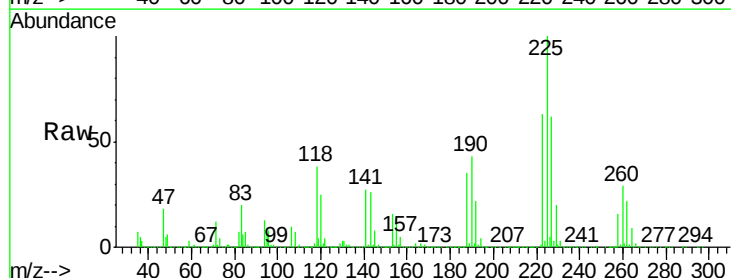
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 111.085 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014612.D
 Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	127.4
227	62.6	0.0	122.8

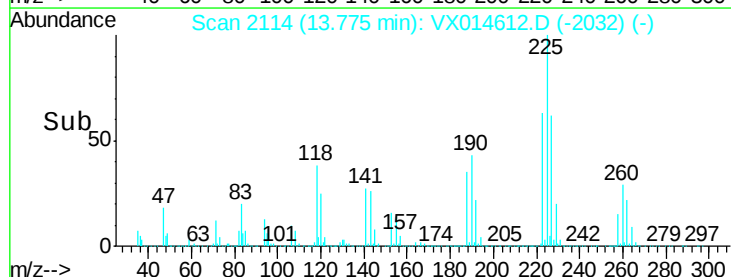
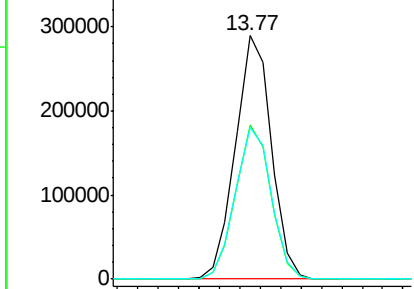


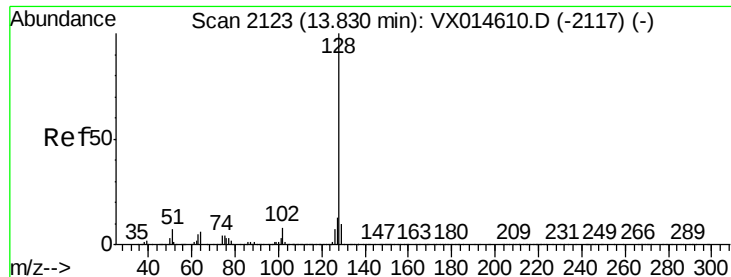
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





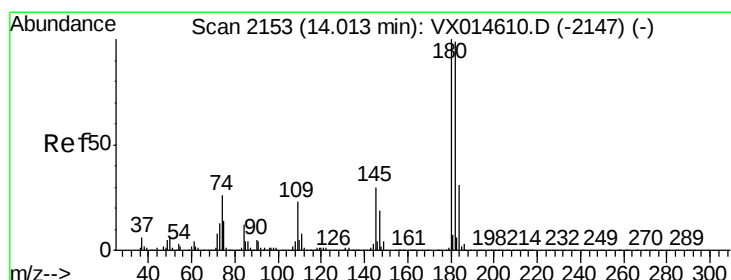
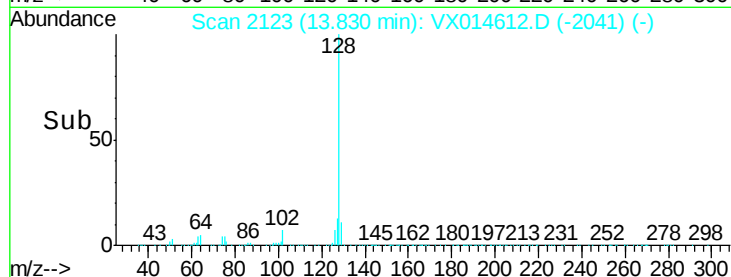
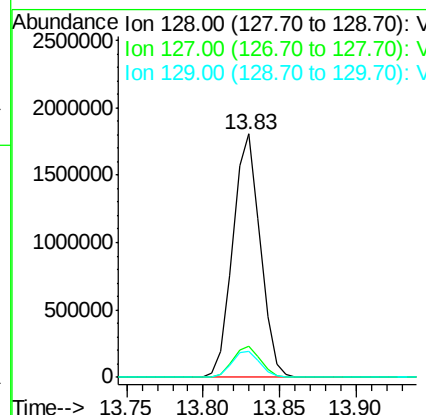
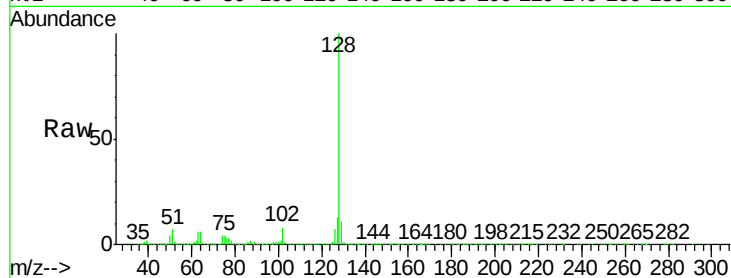
#91
Naphthalene
Concen: 110.494 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 109.608 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014612.D
Acq: 15 Jan 2020 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	192.8
145	29.8	0.0	60.0

