

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015330.D
 Acq On : 18 Mar 2020 17:49
 Operator : JC/SP
 Sample : VX0318WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Manual Integrations
 APPROVED

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 3/19/2020 12:01:03 PM

Quant Time: Mar 19 03:41:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	571872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1077718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	992285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	477422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	342946	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.98%		
35) Dibromofluoromethane	5.49	113	315855	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.96%		
50) Toluene-d8	8.71	98	1227640	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.68%		
62) 4-Bromofluorobenzene	11.13	95	450881	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.42%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	110677	17.597	ug/l	99
3) Chloromethane	1.32	50	132859	19.305	ug/l	98
4) Vinyl Chloride	1.40	62	128336	18.396	ug/l	98
5) Bromomethane	1.64	94	89238	39.361	ug/l	97
6) Chloroethane	1.72	64	81430	18.888	ug/l	99
7) Trichlorofluoromethane	1.93	101	166937	17.862	ug/l	97
8) Diethyl Ether	2.18	74	70935	18.317	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129737	20.514	ug/l	95
10) Methyl Iodide	2.50	142	93049	15.622	ug/l	95
11) Tert butyl alcohol	3.03	59	132499	96.599	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132502	18.342	ug/l	94
13) Acrolein	2.28	56	124129	100.300	ug/l	99
14) Allyl chloride	2.72	41	198299	18.462	ug/l	96
15) Acrylonitrile	3.13	53	339695	94.095	ug/l	99
16) Acetone	2.44	43	257108	95.628	ug/l	99
17) Carbon Disulfide	2.56	76	355209	18.339	ug/l	98
18) Methyl Acetate	2.76	43	141185	18.919	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	390067	18.622	ug/l	100
20) Methylene Chloride	2.85	84	147781	18.855	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	142872	17.968	ug/l	98
22) Diisopropyl ether	3.84	45	410849	18.947	ug/l	96
23) Vinyl Acetate	3.80	43	1667627	96.427	ug/l	99
24) 1,1-Dichloroethane	3.69	63	236432	17.862	ug/l	99
25) 2-Butanone	4.66	43	432284	95.869	ug/l	99
26) 2,2-Dichloropropane	4.58	77	176779	17.185	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	160902	18.659	ug/l	98
28) Bromochloromethane	5.01	49	102636	18.991	ug/l	99
29) Tetrahydrofuran	5.12	42	279752	95.147	ug/l	99
30) Chloroform	5.20	83	237627	17.795	ug/l	97
31) Cyclohexane	5.57	56	207129	19.166	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	203720	18.490	ug/l	98
36) 1,1-Dichloropropene	5.79	75	167451	16.379	ug/l	97
37) Ethyl Acetate	4.83	43	168123	18.117	ug/l	100
38) Carbon Tetrachloride	5.78	117	168082	17.305	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Mar 19 03:41:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	213871	17.324	ug/l	98
40) Benzene	6.14	78	550965	17.739	ug/l	100
41) Methacrylonitrile	5.03	41	96483	19.424	ug/l	93
42) 1,2-Dichloroethane	6.19	62	175257	18.715	ug/l	99
43) Isopropyl Acetate	6.43	43	264180	18.763	ug/l	99
44) Trichloroethene	7.21	130	151292	17.747	ug/l	93
45) 1,2-Dichloropropane	7.51	63	134850	18.390	ug/l	99
46) Dibromomethane	7.65	93	92077	17.947	ug/l	98
47) Bromodichloromethane	7.89	83	173094	17.965	ug/l	97
48) Methyl methacrylate	7.76	41	128312	19.042	ug/l	99
49) 1,4-Dioxane	7.74	88	69243	373.998	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	825298	94.958	ug/l	99
52) Toluene	8.78	92	351834	18.444	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	193987	18.817	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	220403	18.826	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	137020	16.941	ug/l	98
56) Ethyl methacrylate	9.17	69	186993	17.750	ug/l	100
57) 1,3-Dichloropropane	9.37	76	220839	16.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	520748	118.693	ug/l	100
59) 2-Hexanone	9.48	43	595762	92.226	ug/l	98
60) Dibromochloromethane	9.57	129	134607	17.093	ug/l	97
61) 1,2-Dibromoethane	9.67	107	145316	17.639	ug/l	99
64) Tetrachloroethene	9.33	164	121206	16.793	ug/l	96
65) Chlorobenzene	10.14	112	383725	18.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	132055	17.482	ug/l	98
67) Ethyl Benzene	10.25	91	652150	18.311	ug/l	99
68) m/p-Xylenes	10.36	106	511364	37.659	ug/l	100
69) o-Xylene	10.70	106	244942	18.757	ug/l	99
70) Styrene	10.71	104	417889	19.197	ug/l	99
71) Bromoform	10.85	173	89265	18.080	ug/l #	99
73) Isopropylbenzene	11.01	105	638716	17.770	ug/l	99
74) N-amyl acetate	10.89	43	221143	17.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	205194	18.437	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	169090m	17.331	ug/l	
77) Bromobenzene	11.25	156	151062	18.091	ug/l	98
78) n-propylbenzene	11.35	91	726878	18.134	ug/l	99
79) 2-Chlorotoluene	11.42	91	439115	18.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	531259	18.542	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60593	16.650	ug/l	93
82) 4-Chlorotoluene	11.51	91	502768	18.388	ug/l	100
83) tert-Butylbenzene	11.76	119	480657	17.037	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	526672	17.754	ug/l	100
85) sec-Butylbenzene	11.94	105	624604	18.263	ug/l	99
86) p-Isopropyltoluene	12.06	119	564152	18.540	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	293165	18.468	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	289559	17.513	ug/l	98
89) n-Butylbenzene	12.39	91	487475	16.966	ug/l	100
90) Hexachloroethane	12.59	117	95015	16.184	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	277839	17.450	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37986	17.359	ug/l	94

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

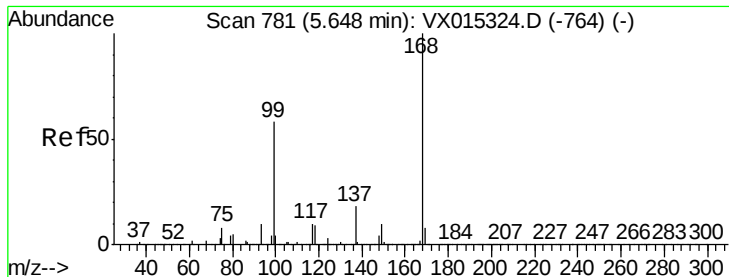
Manual Integrations
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3/19/2020 12:01:03 PM

Quant Time: Mar 19 03:41:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 14:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	188034	19.713	ug/l	98
94) Hexachlorobutadiene	13.78	225	75366	18.792	ug/l	99
95) Naphthalene	13.83	128	653464	20.695	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	172253	18.448	ug/l	99

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



#1

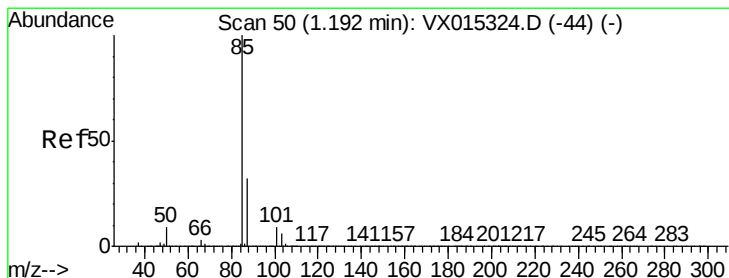
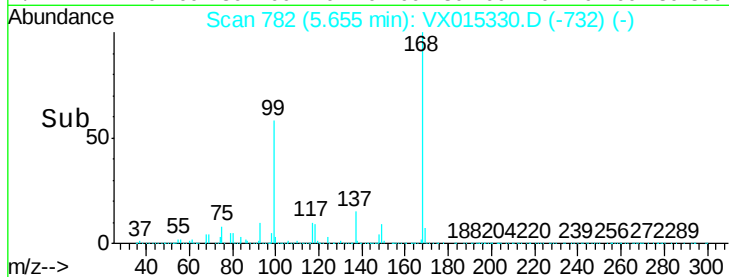
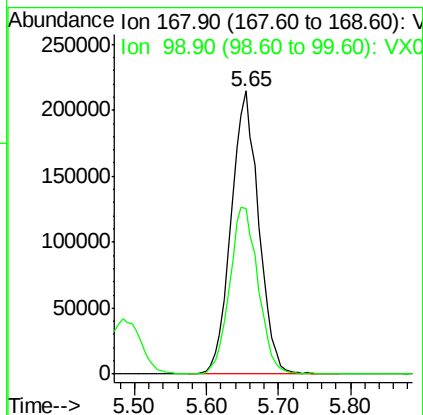
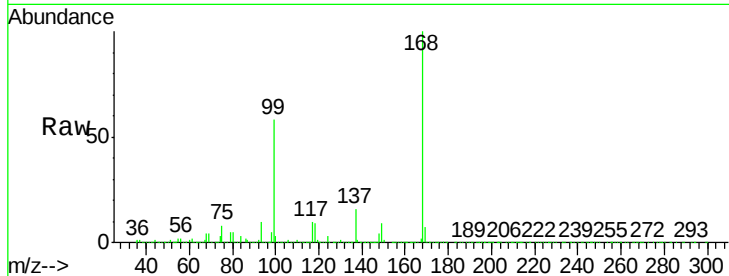
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.2	47.0	70.6

Manual Integrations
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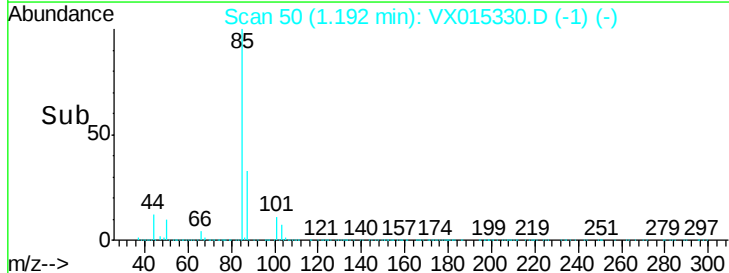
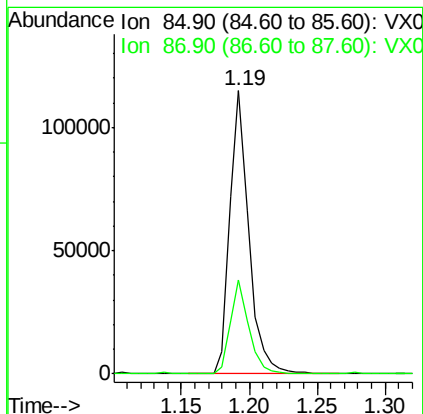
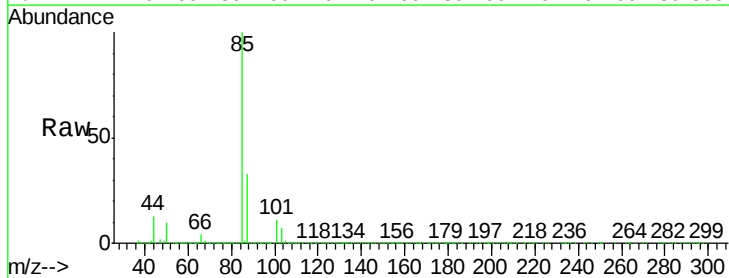
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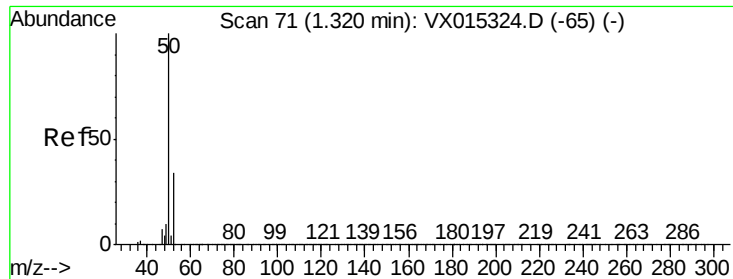


#2

Dichlorodifluoromethane
 Concen: 17.597 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.2	48.5





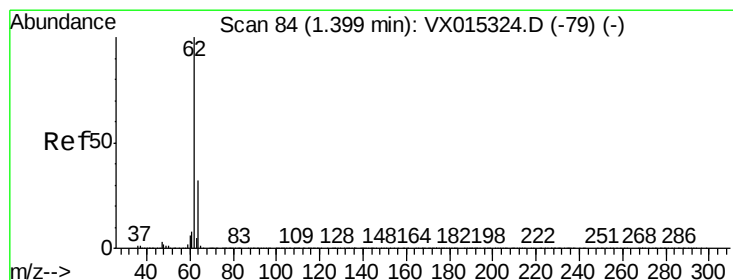
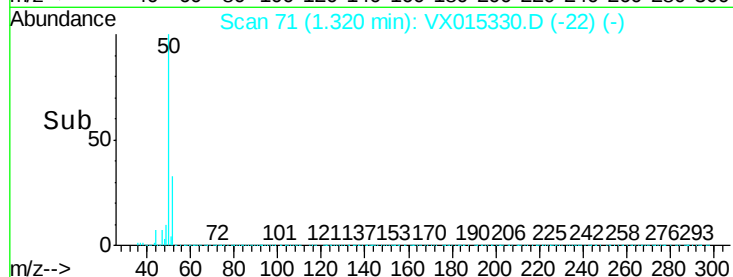
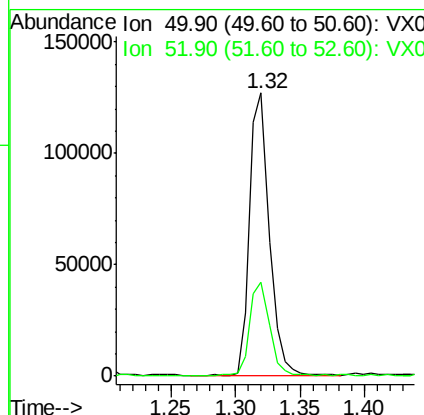
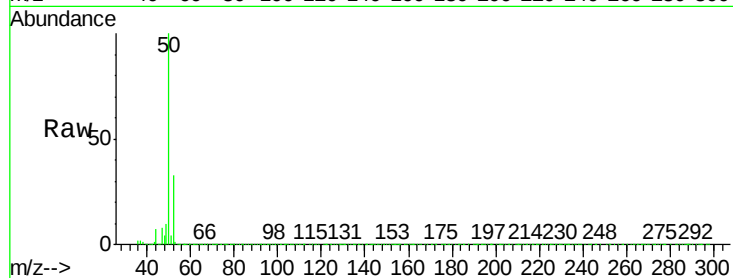
#3
Chloromethane
Concen: 19.305 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.2	27.4	41.0

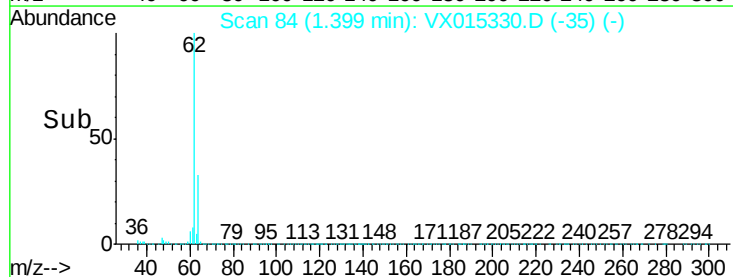
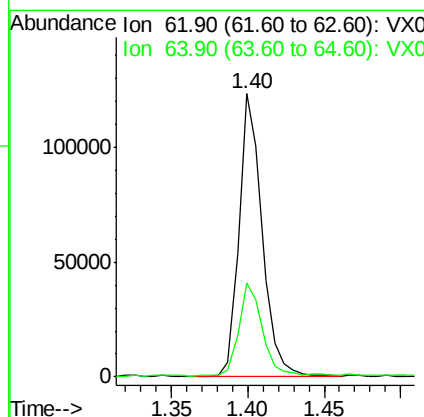
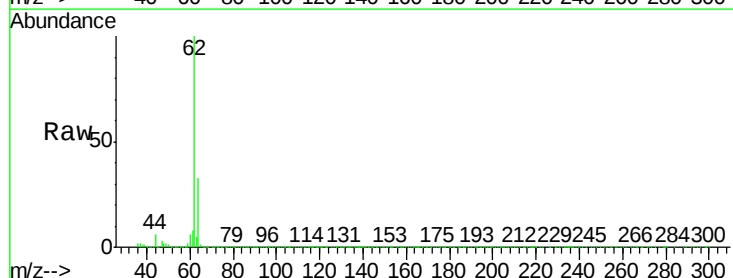
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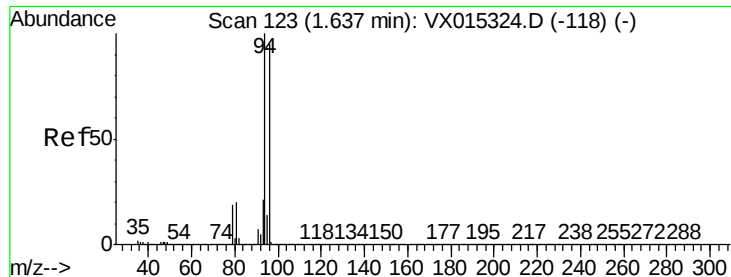
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#4
Vinyl Chloride
Concen: 18.396 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.4	38.0





#5

Bromomethane

Concen: 39.361 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

Tot Ion: 94 Resp: 89238

Ion Ratio Lower Upper

94 100

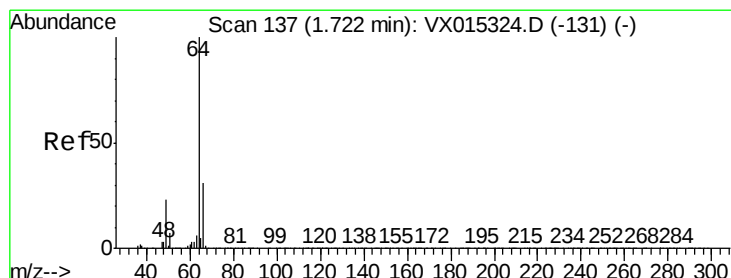
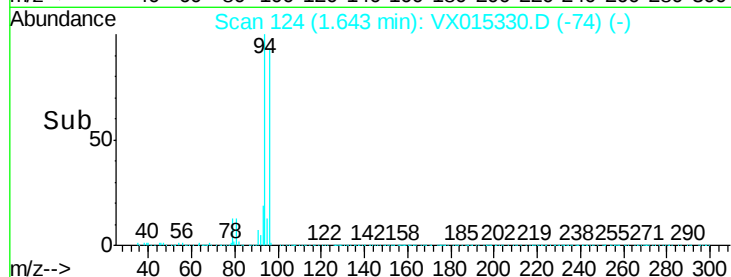
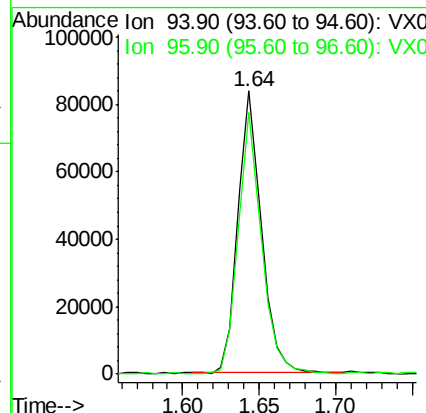
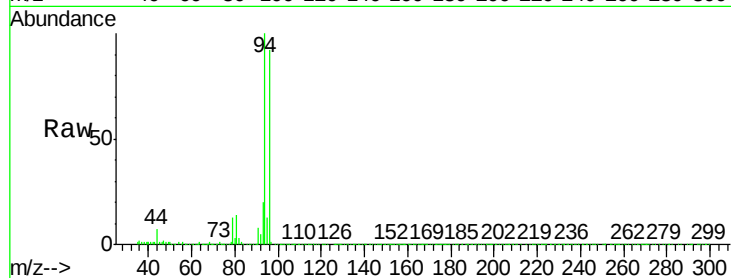
96 92.4 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 18.888 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015330.D

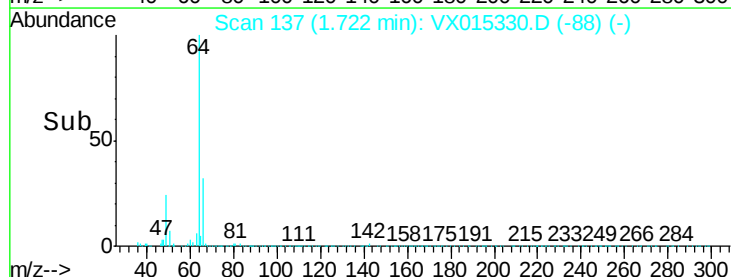
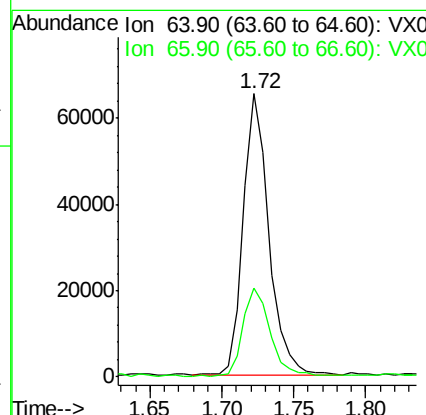
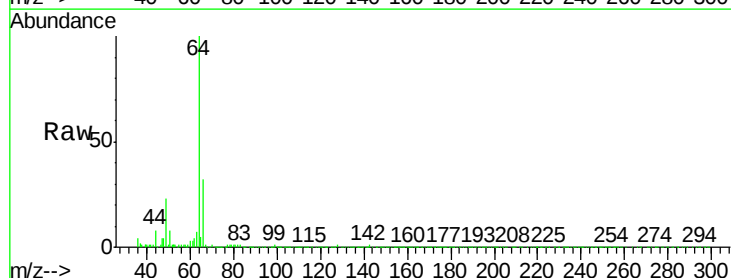
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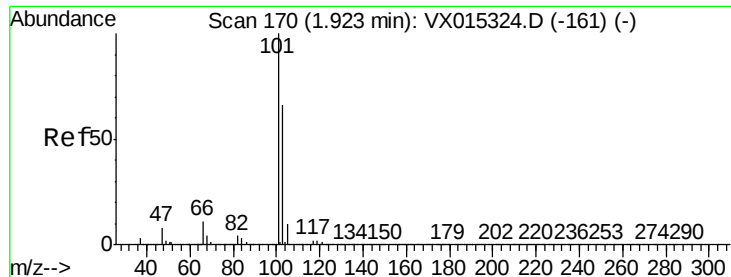
Tgt Ion: 64 Resp: 81430

Ion Ratio Lower Upper

64 100

66 31.4 24.8 37.2





#7

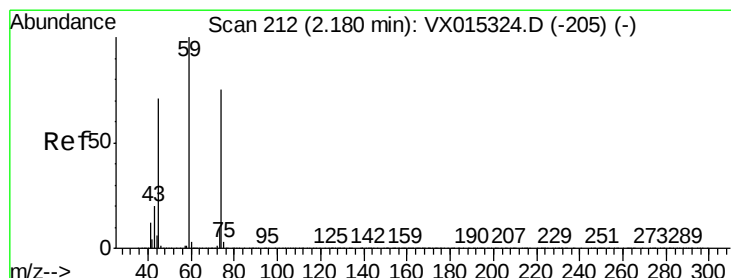
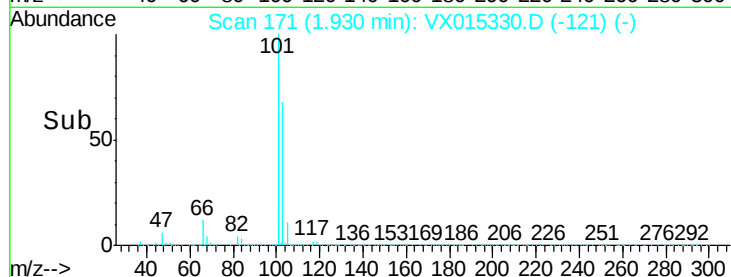
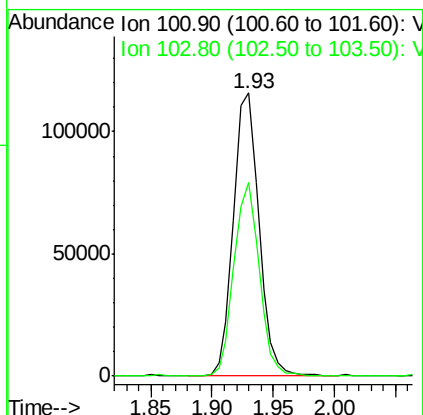
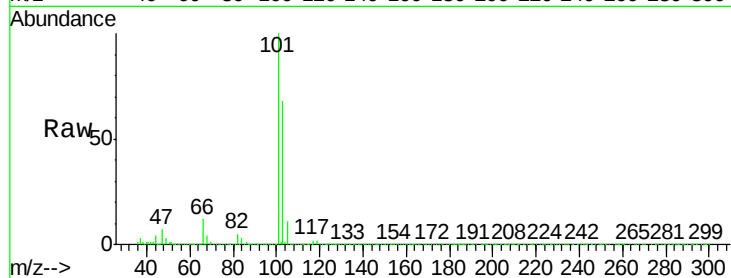
Trichlorofluoromethane
Concen: 17.862 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampled :
VX0318WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	166937		
103	68.3	52.6	79.0	

Manual Integrations
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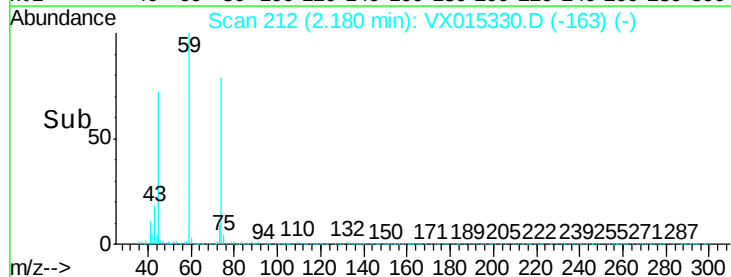
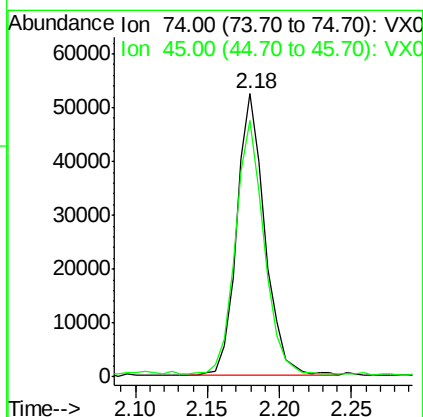
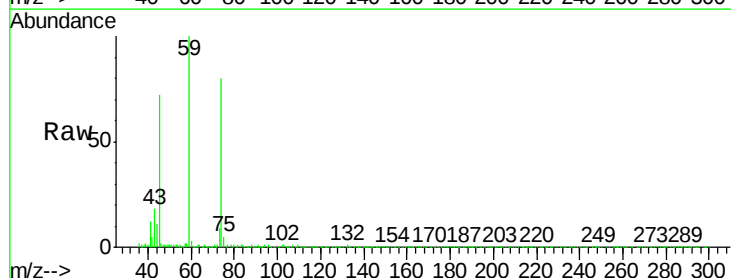
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3/19/2020 12:01:03 PM

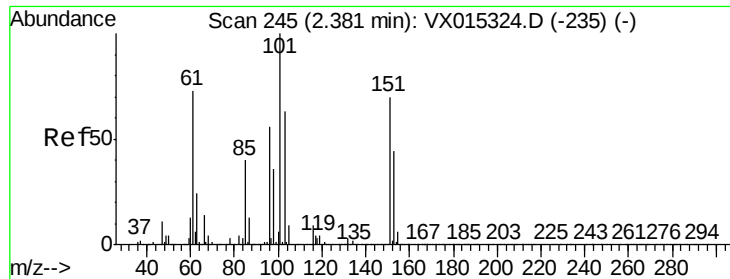


#8

Diethyl Ether
Concen: 18.317 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	70935		
45	91.1	46.5	139.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.514 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

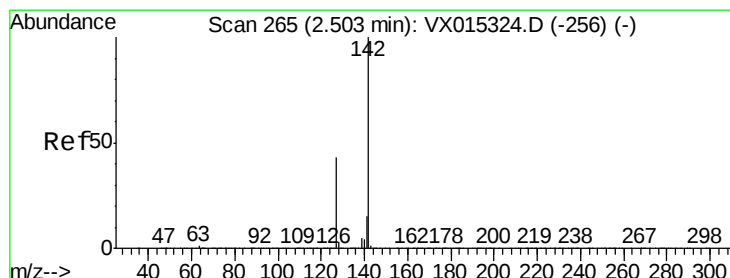
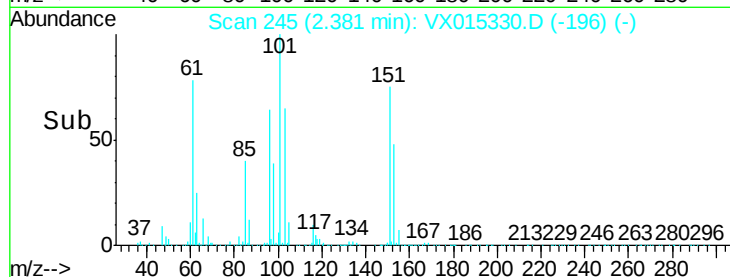
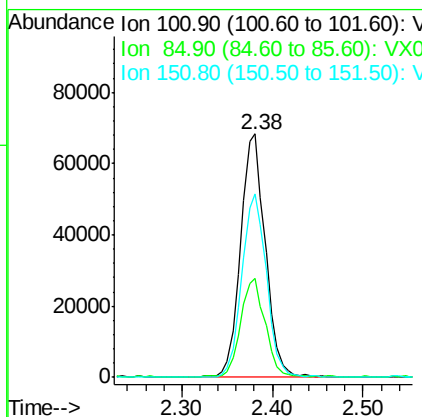
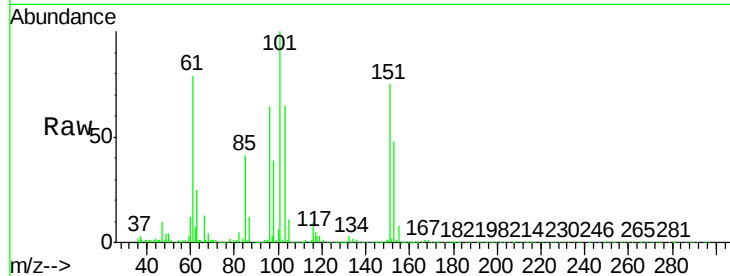
ClientSampleId :

VX0318WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	39.1	32.2	48.4
151	74.1	55.0	82.6

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#10

Methyl Iodide

Concen: 15.622 ug/l

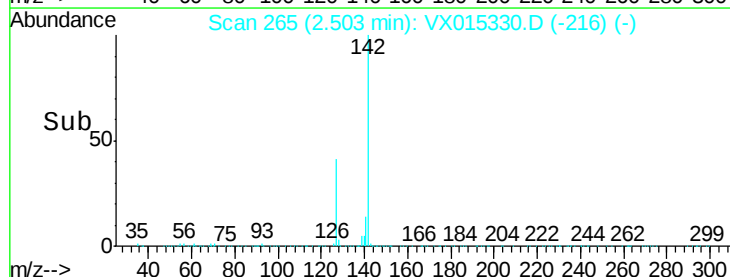
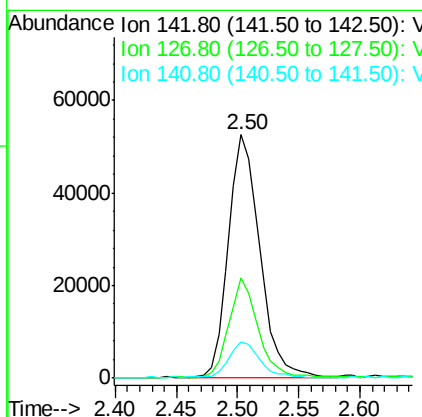
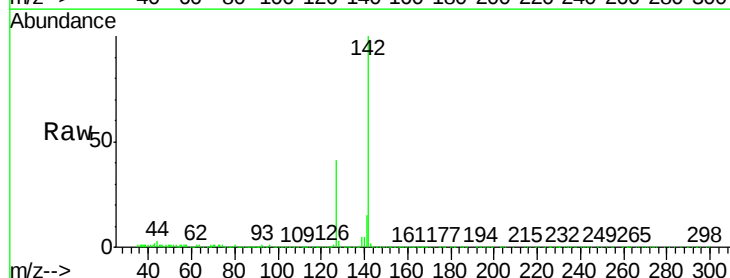
RT: 2.50 min Scan# 265

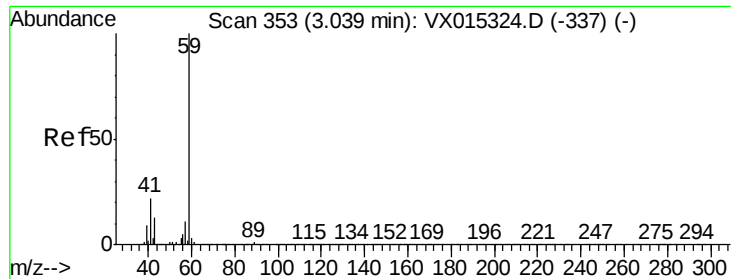
Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
142	100		
127	37.9	33.6	50.4
141	15.6	11.9	17.9





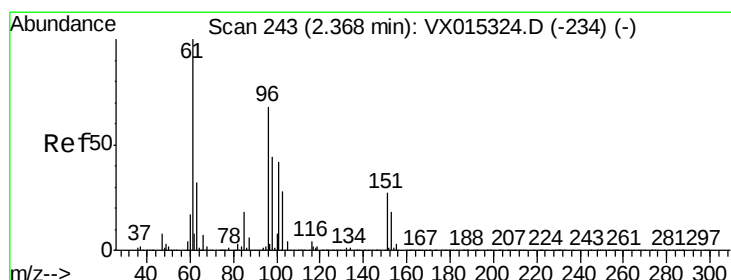
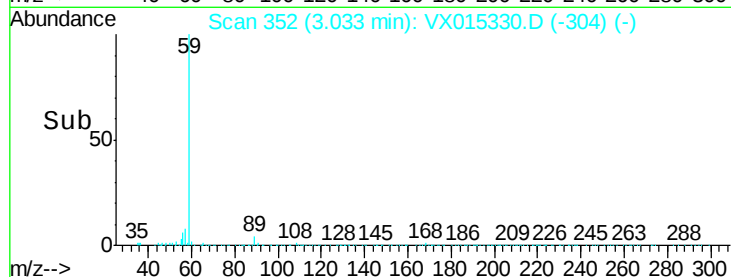
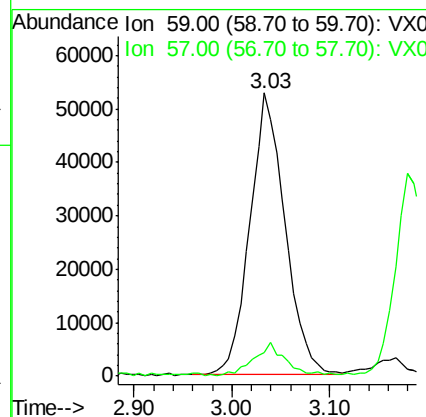
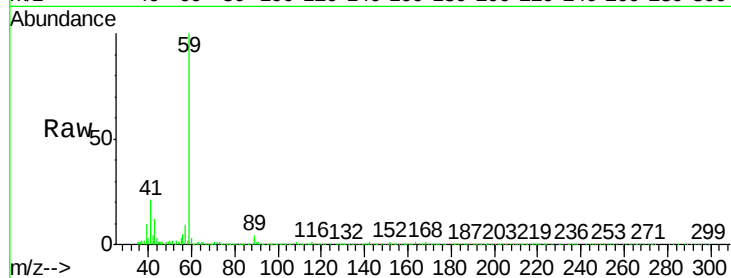
#11
Tert butyl alcohol
Concen: 96.599 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

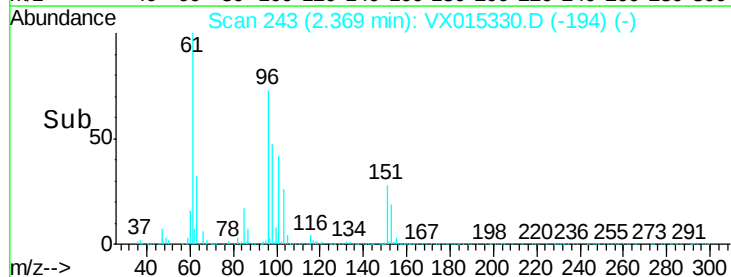
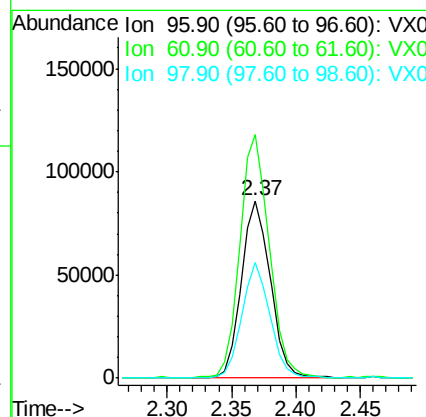
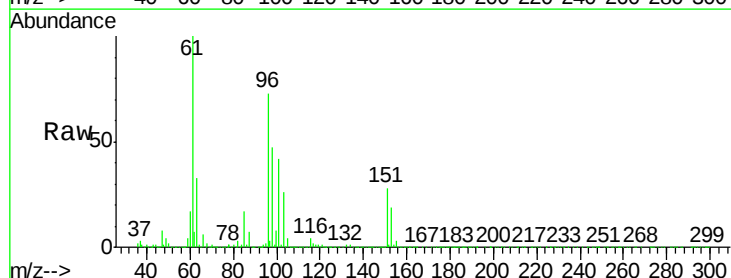
Manual Integrations
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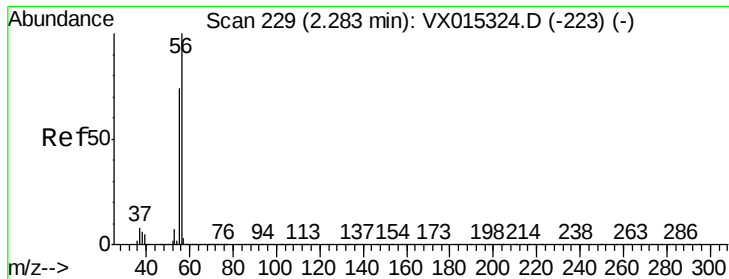
MMDadoda
3/19/2020 12:01:03 PM



#12
1,1-Dichloroethene
Concen: 18.342 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.3	117.7	176.5
98	65.1	52.3	78.5





#13

Acrolein

Concen: 100.300 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

Tot Ion: 56 Resp: 124129

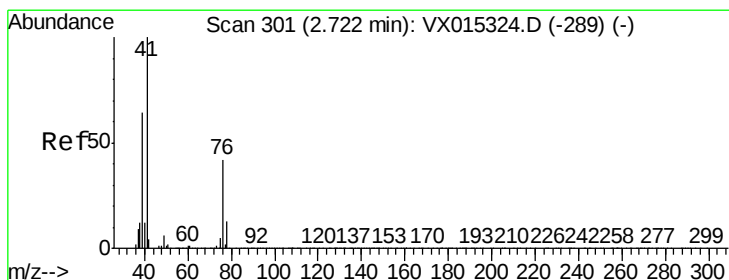
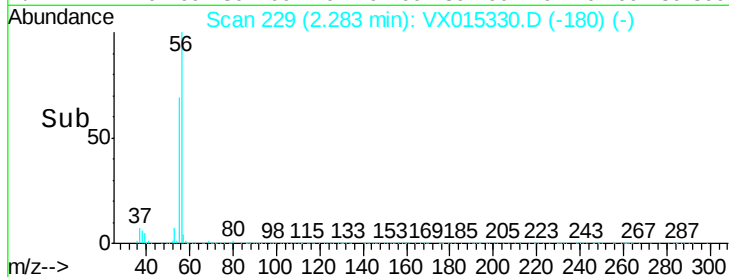
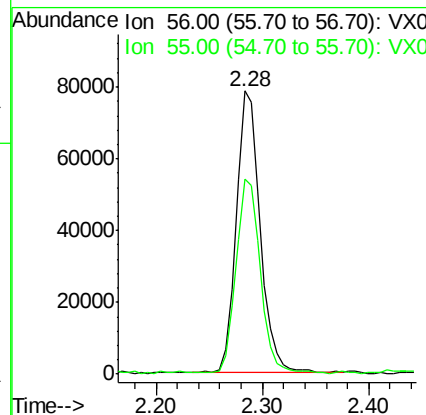
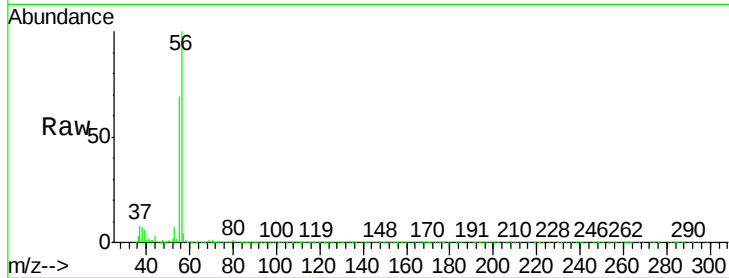
Ion Ratio Lower Upper

56 100

55 69.9 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 18.462 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

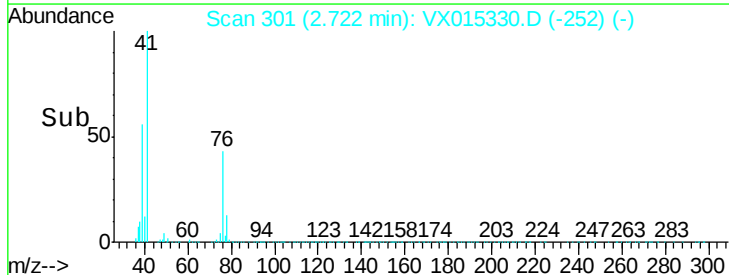
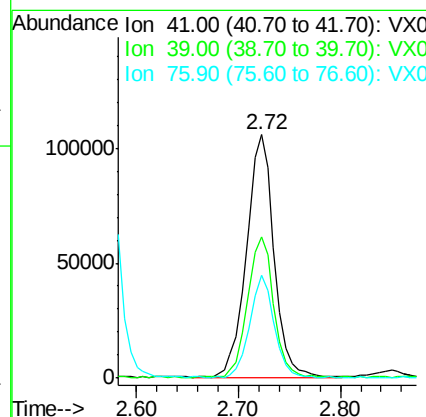
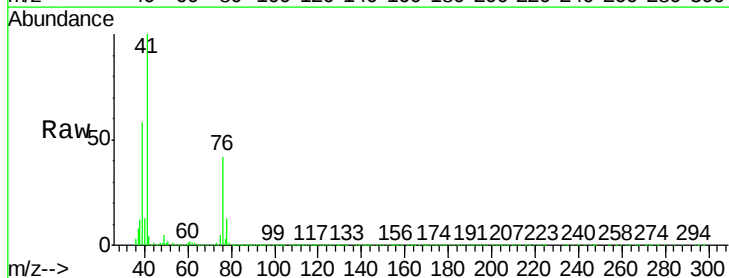
Tgt Ion: 41 Resp: 198299

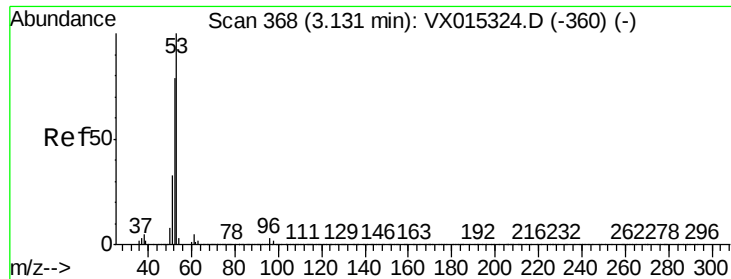
Ion Ratio Lower Upper

41 100

39 54.7 46.8 70.2

76 37.3 30.7 46.1





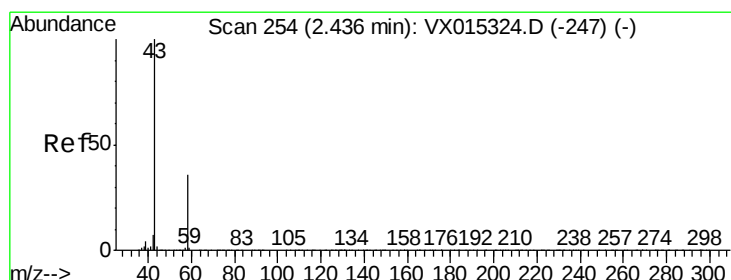
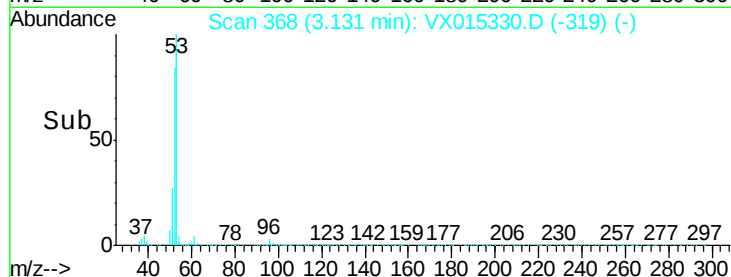
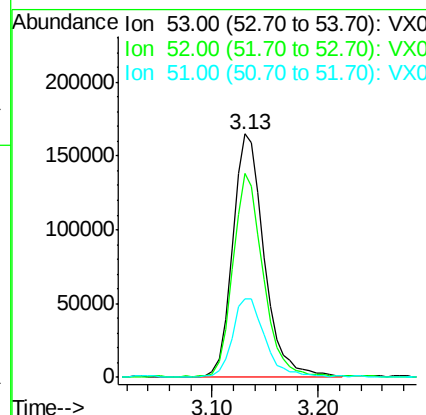
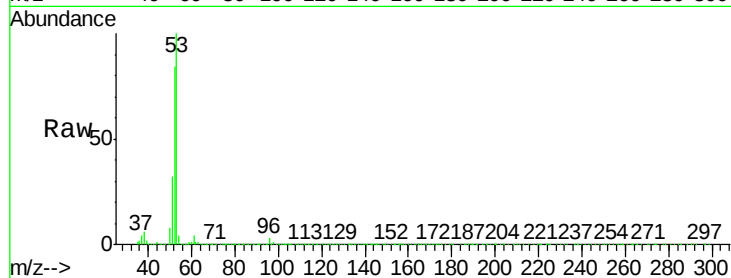
#15
Acrylonitrile
Concen: 94.095 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	53	Resp	339695
Ion Ratio	Lower	Upper	
53	100		
52	80.9	64.6	97.0
51	33.2	27.5	41.3

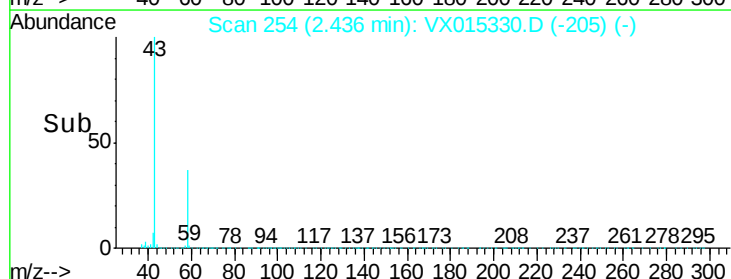
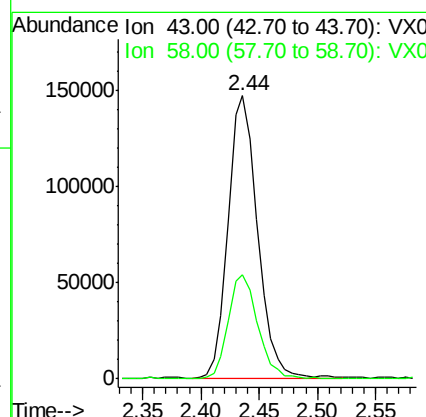
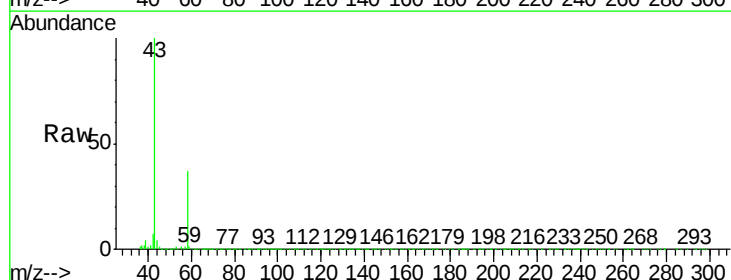
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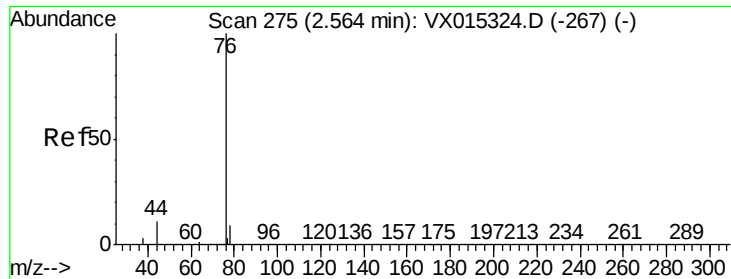
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#16
Acetone
Concen: 95.628 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	43	Resp	257108
Ion Ratio	Lower	Upper	
43	100		
58	36.6	29.0	43.4





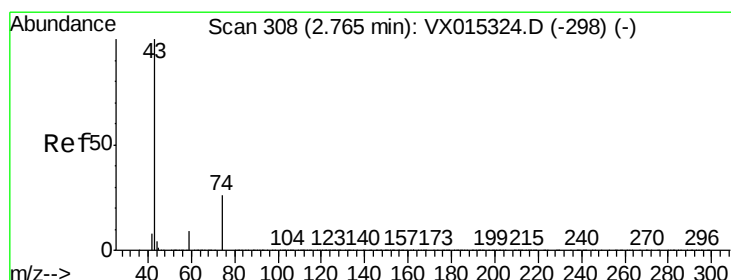
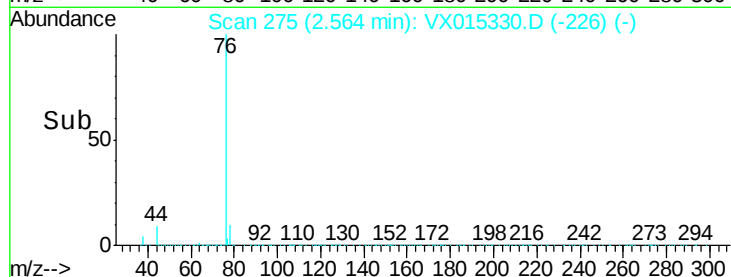
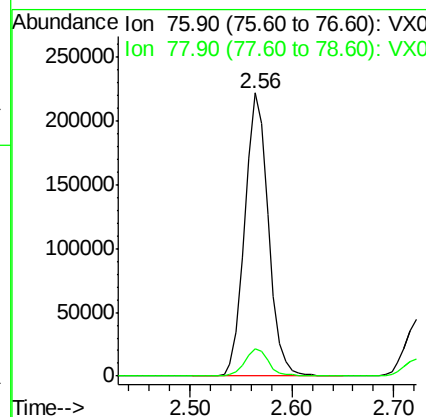
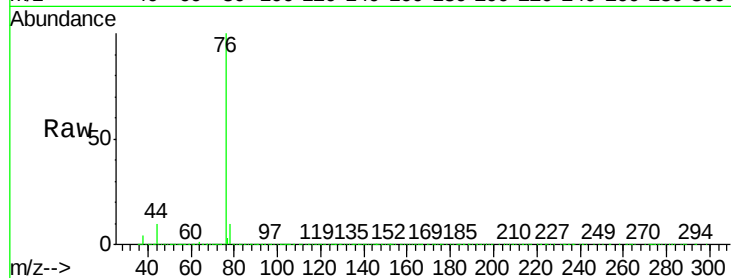
#17
Carbon Disulfide
Concen: 18.339 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

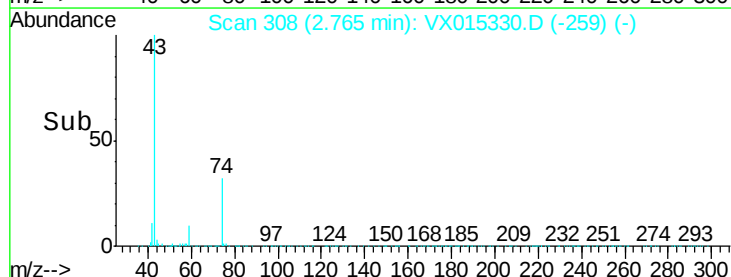
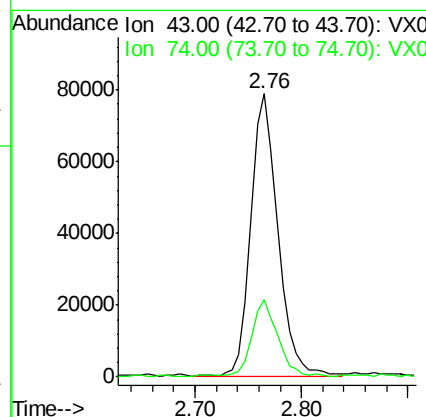
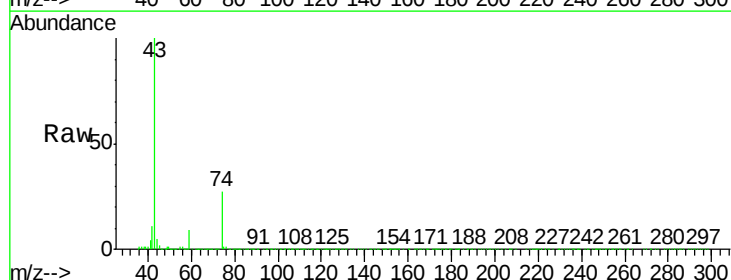
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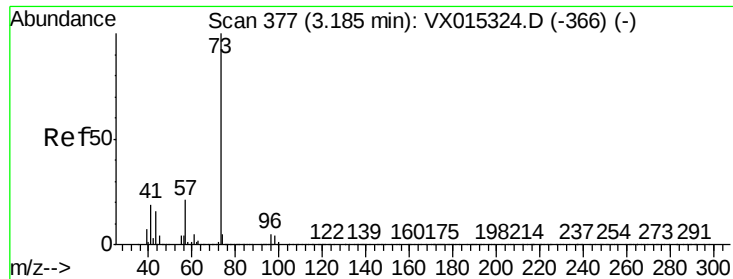
MMDadoda
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#18
Methyl Acetate
Concen: 18.919 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.9	32.9





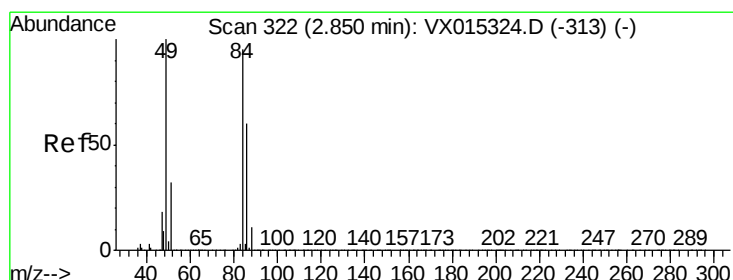
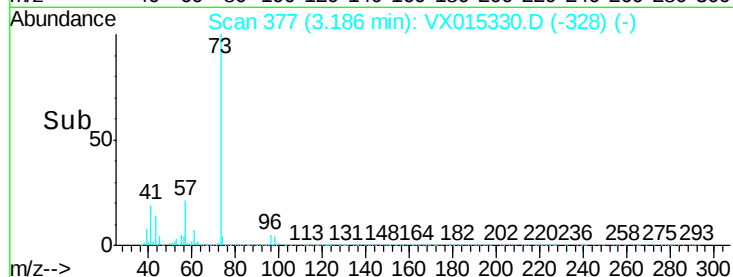
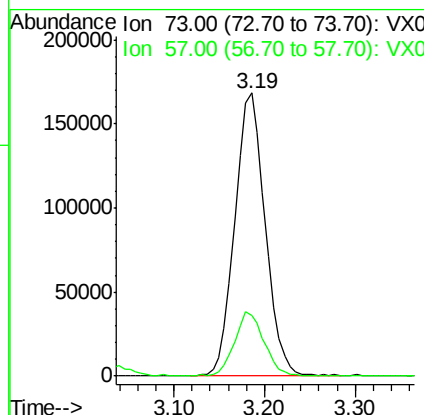
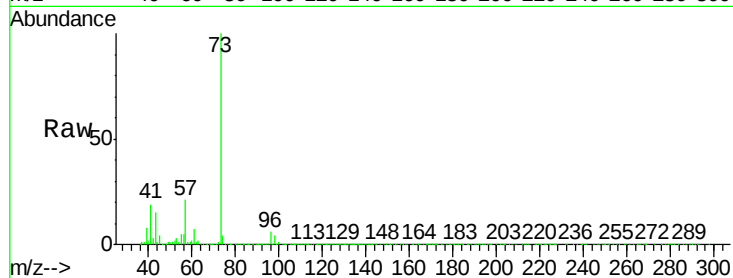
#19
Methvl tert-butvl Ether
Concen: 18.622 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

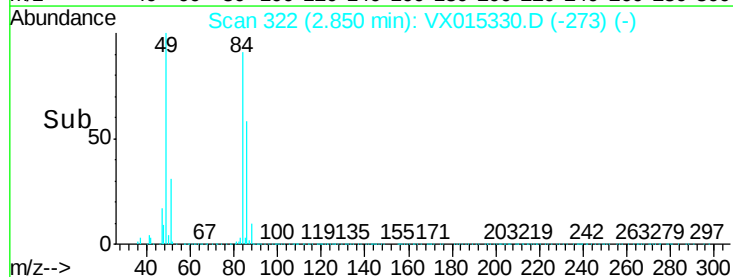
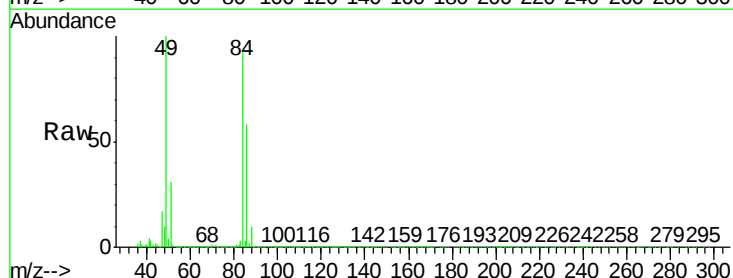
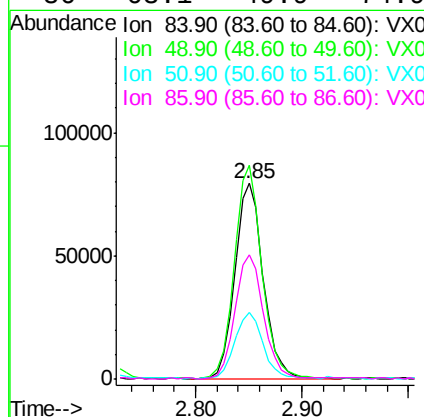
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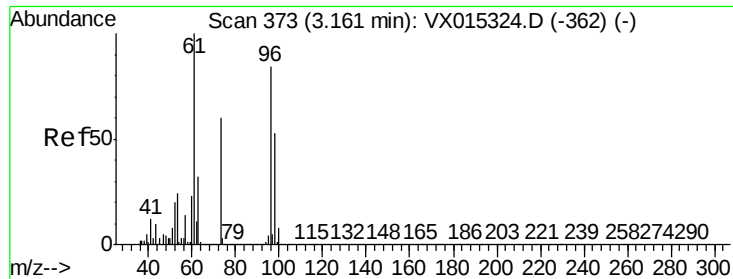
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#20
Methylene Chloride
Concen: 18.855 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.0	84.0	126.0
51	33.7	27.0	40.6
86	63.1	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 17.968 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

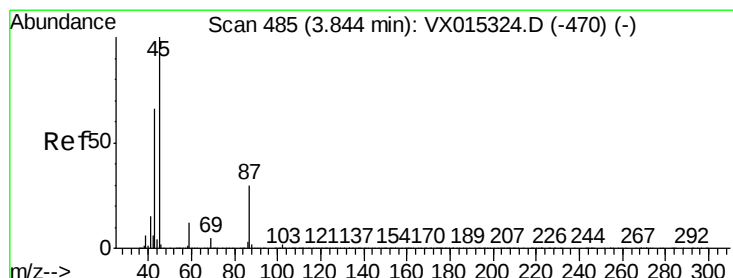
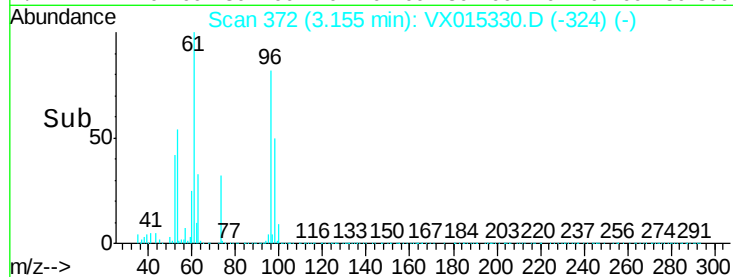
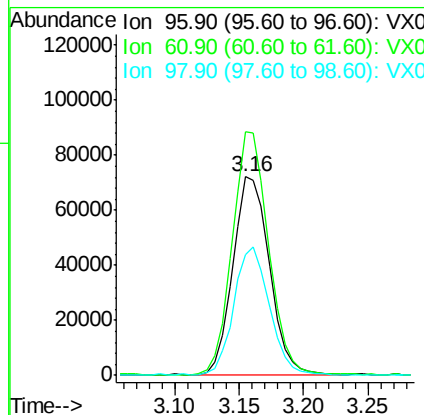
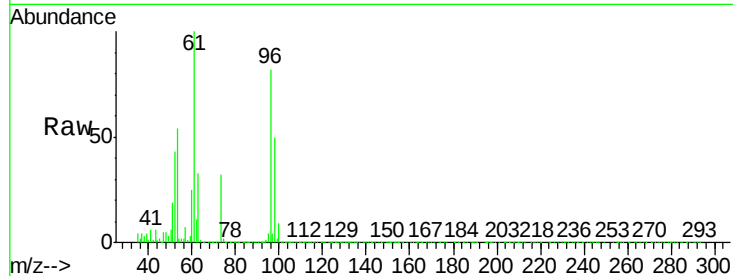
ClientSampleId :

VX0318WBS01

Tot Ion:	96	Resp:	142872
Ion Ratio	Lower	Upper	
96	100		
61	122.3	95.5	143.3
98	61.1	50.2	75.2

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#22

Diisopropyl ether

Concen: 18.947 ug/l

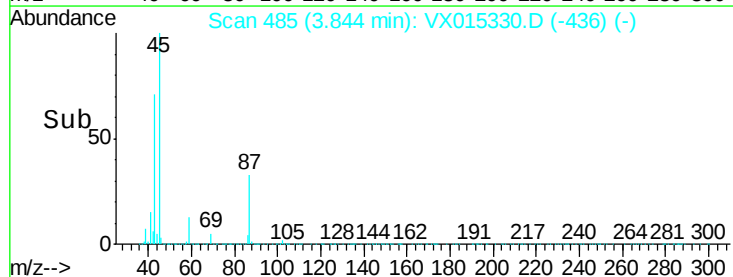
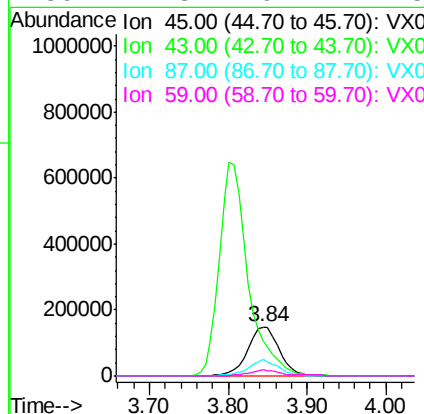
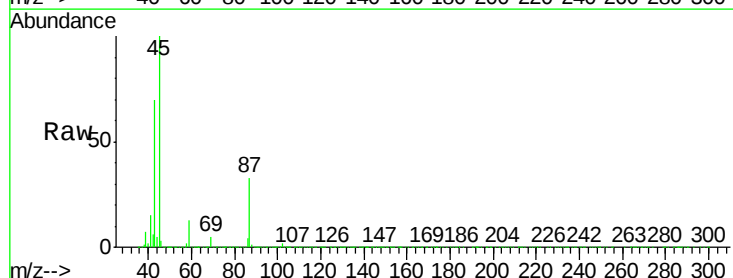
RT: 3.84 min Scan# 485

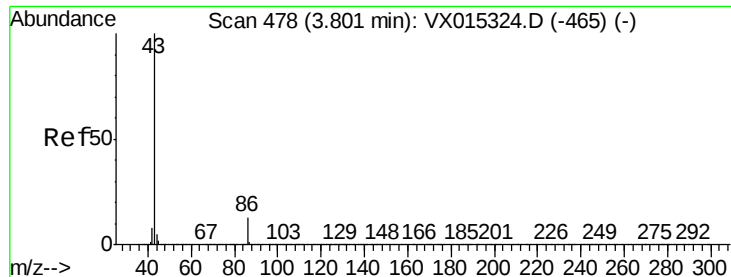
Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion:	45	Resp:	410849
Ion Ratio	Lower	Upper	
45	100		
43	70.0	52.8	79.2
87	32.9	24.3	36.5
59	12.3	9.7	14.5





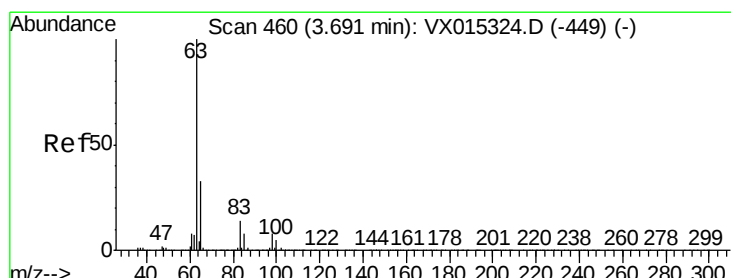
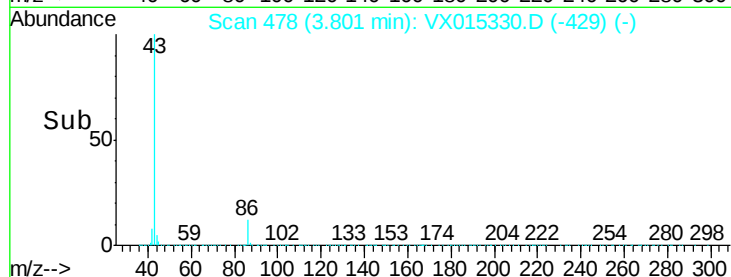
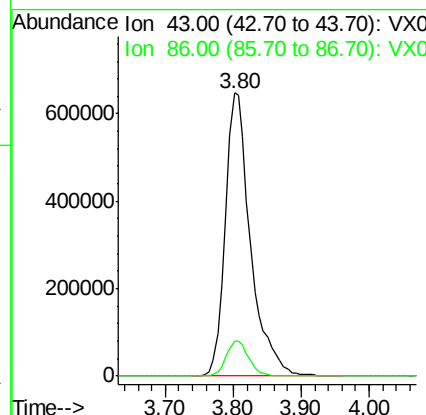
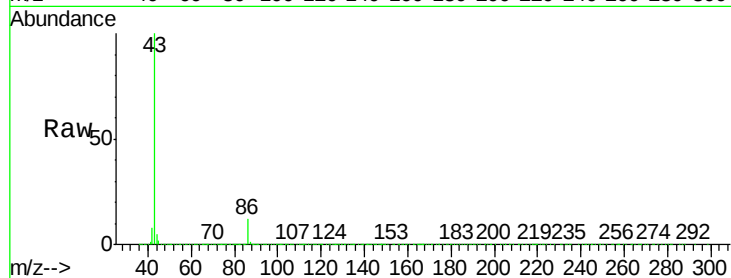
#23
 Vinyl Acetate
 Concen: 96.427 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Tot Ion: 43 Resp: 1667627
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.1 15.1

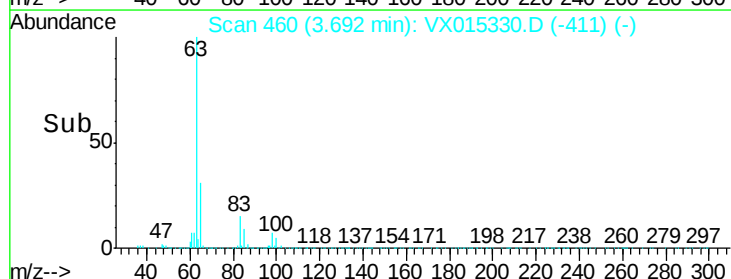
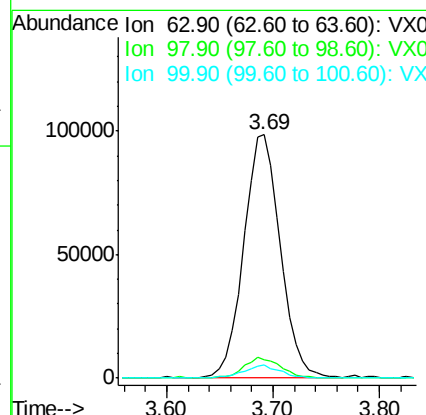
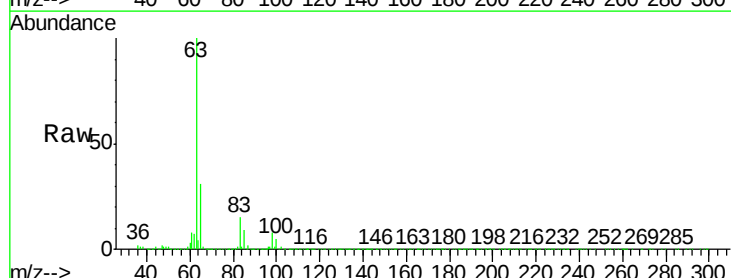
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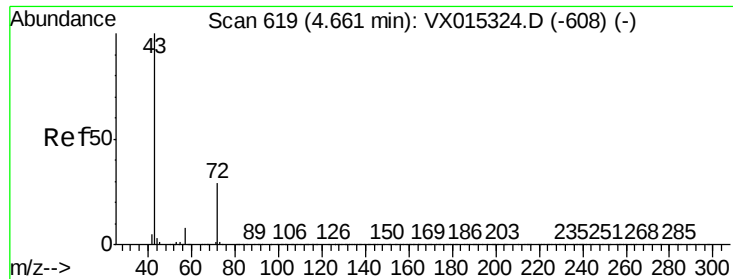
MMDadoda
 3/19/2020 12:01:03 PM



#24
 1,1-Dichloroethane
 Concen: 17.862 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Tgt Ion: 63 Resp: 236432
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 95.869 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tot Ion: 43 Resp: 432284

Ion Ratio Lower Upper

43 100

72 28.2 23.1 34.7

Instrument :

MSVOA_X

ClientSampleId :

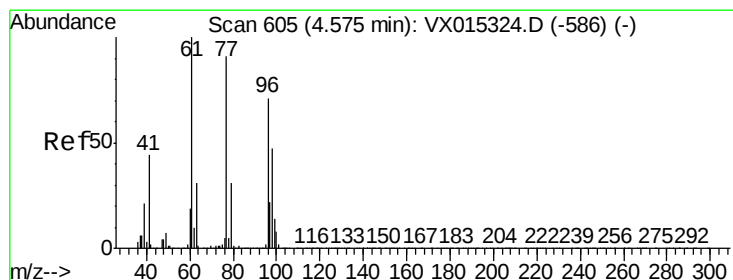
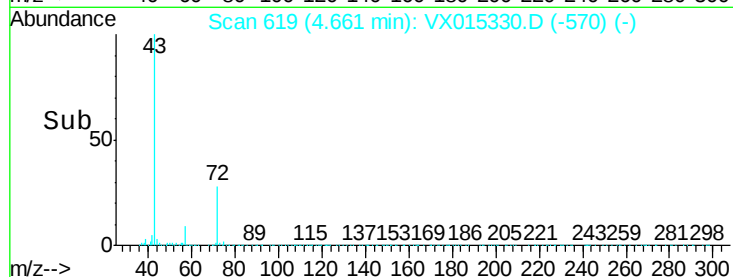
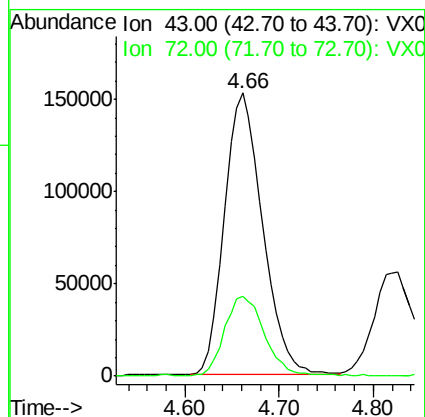
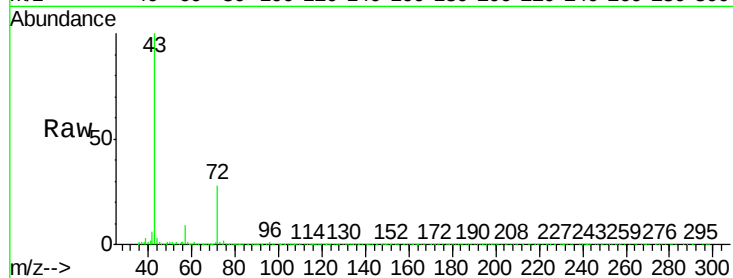
VX0318WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.185 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015330.D

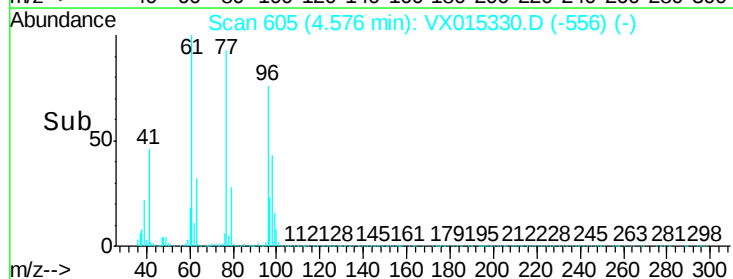
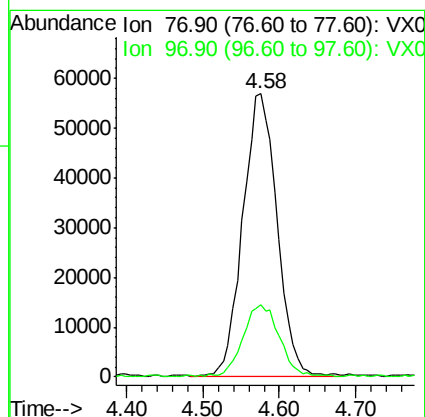
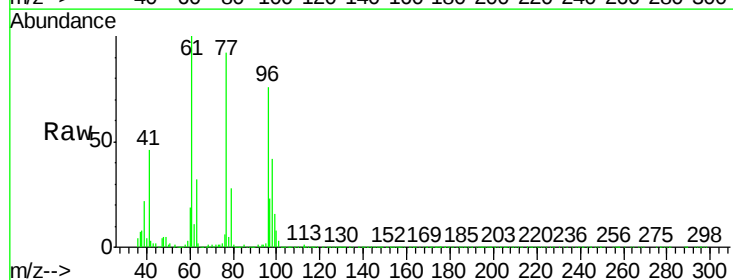
Acq: 18 Mar 2020 17:49

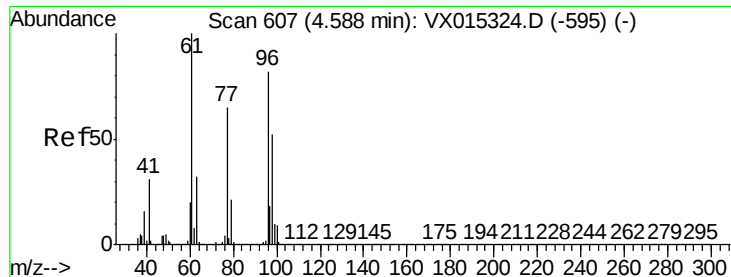
Tgt Ion: 77 Resp: 176779

Ion Ratio Lower Upper

77 100

97 26.8 13.0 38.9





#27

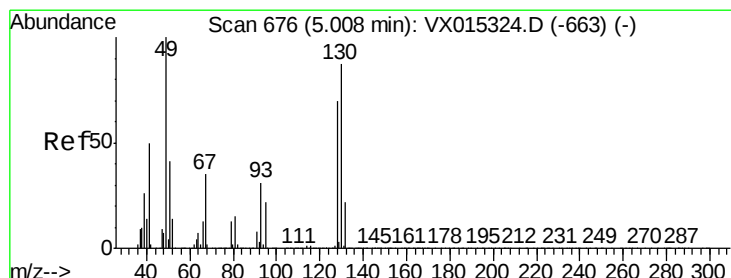
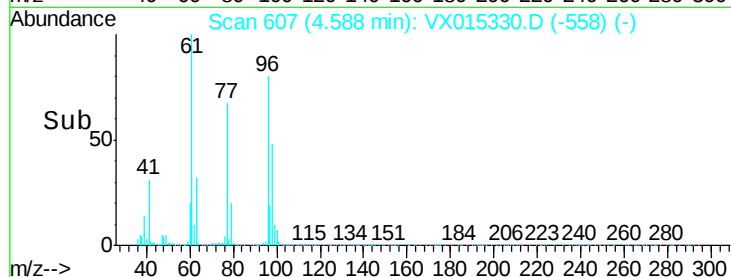
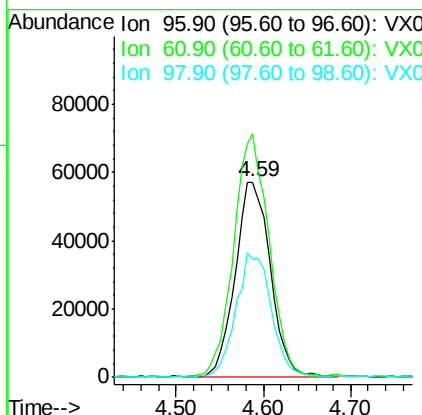
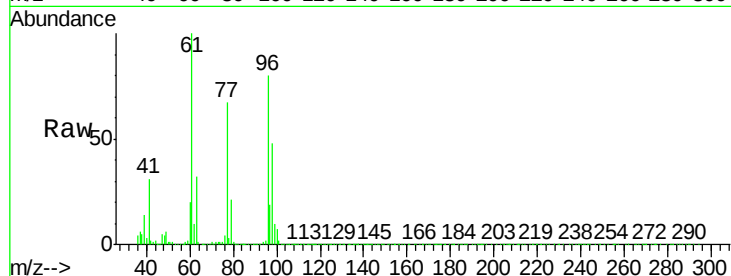
cis-1,2-Dichloroethene
Concen: 18.659 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160902		
61	125.7		0.0	255.8
98	63.7		0.0	128.8

Manual Integrations
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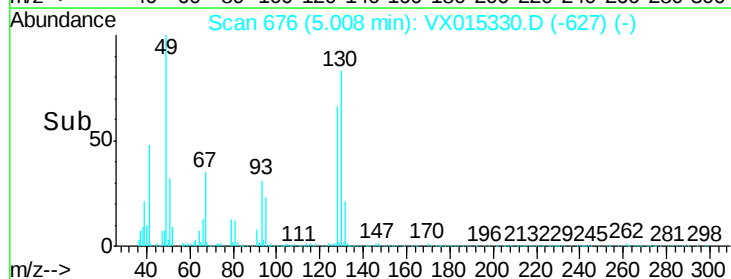
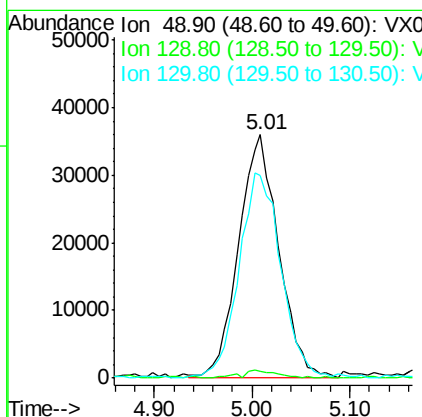
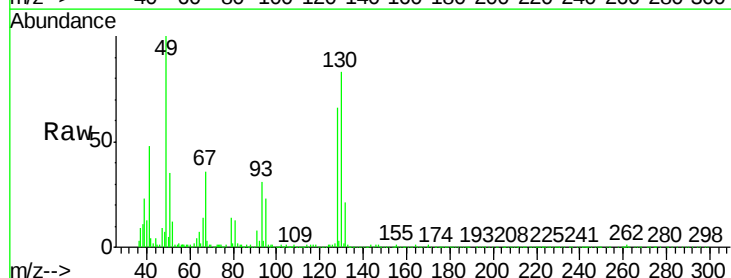
MMDadoda
3/19/2020 12:01:03 PM

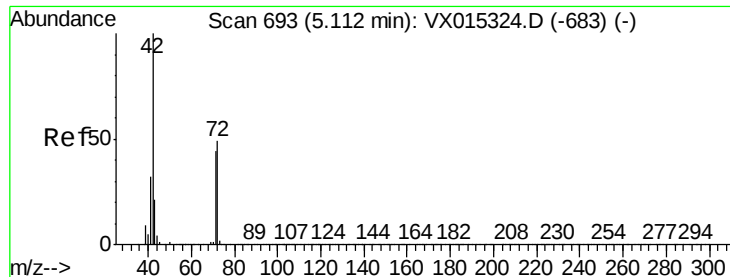


#28

Bromochloromethane
Concen: 18.991 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102636		
129	2.8		0.0	5.4
130	86.8		69.9	104.9





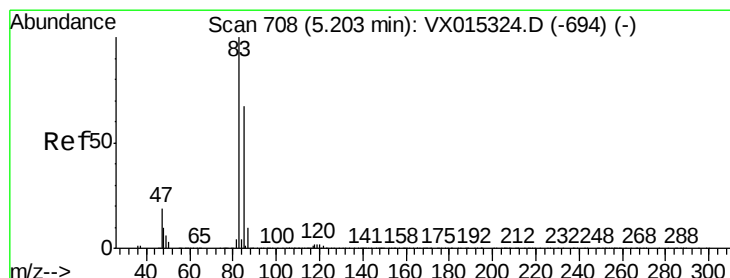
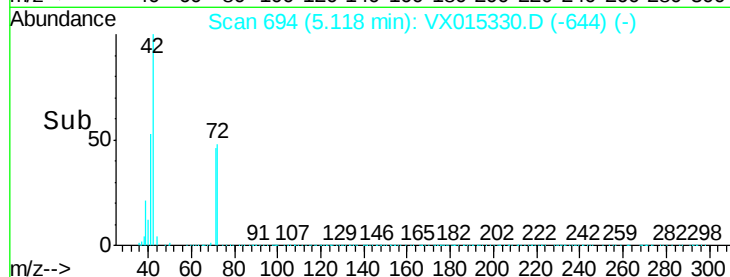
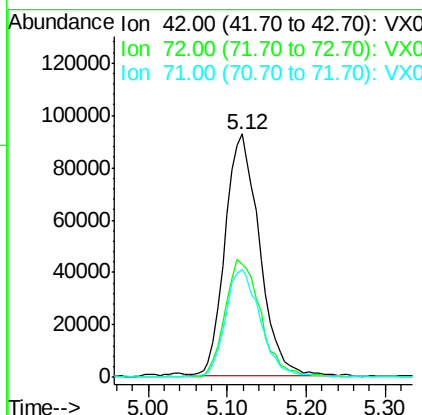
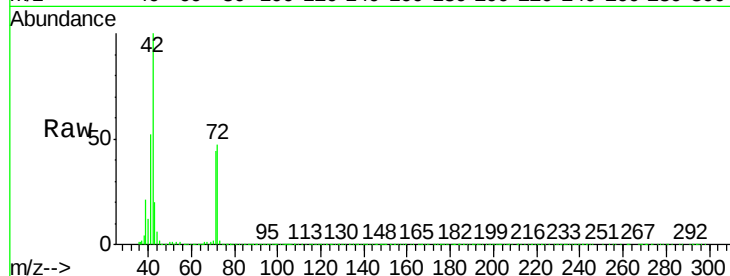
#29
Tetrahydrofuran
Concen: 95.147 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	39.6	59.4
71	45.2	36.5	54.7

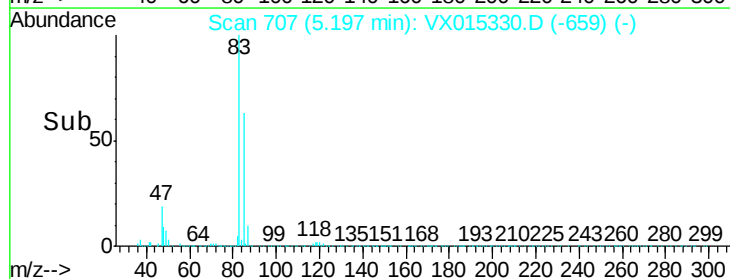
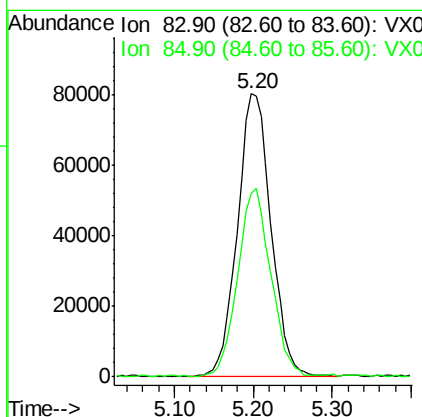
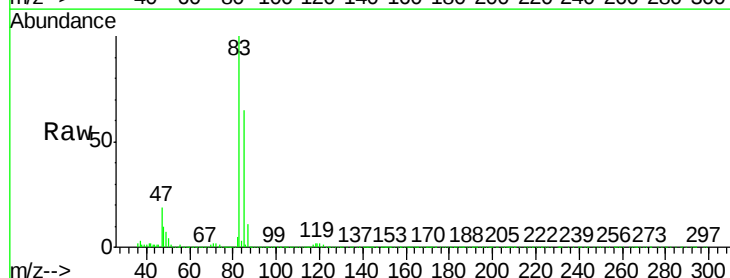
Manual Integrations
APPROVED

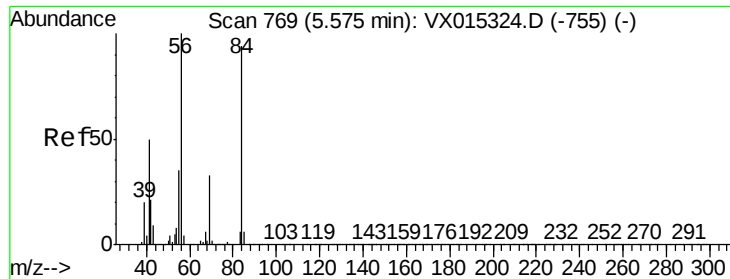
MMDadoda
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#30
Chloroform
Concen: 17.795 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.8	80.6





#31

Cyclohexane

Concen: 19.166 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

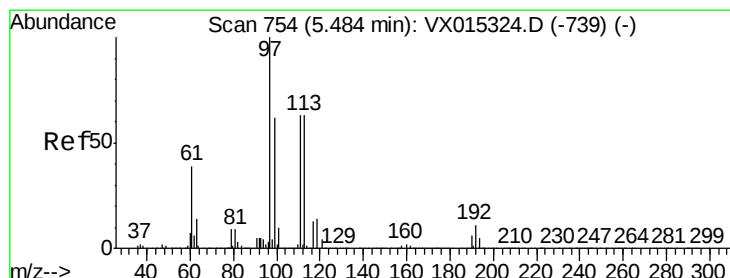
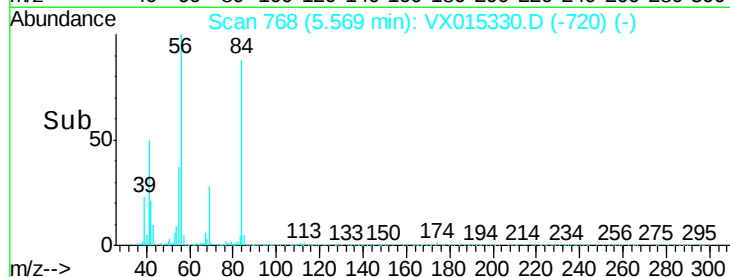
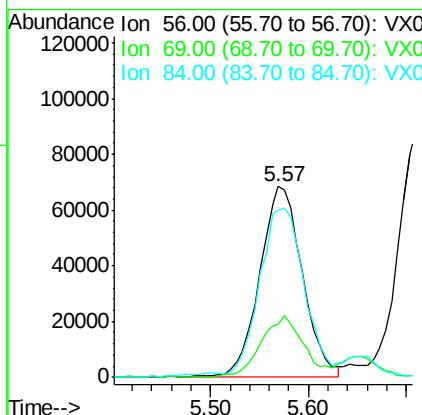
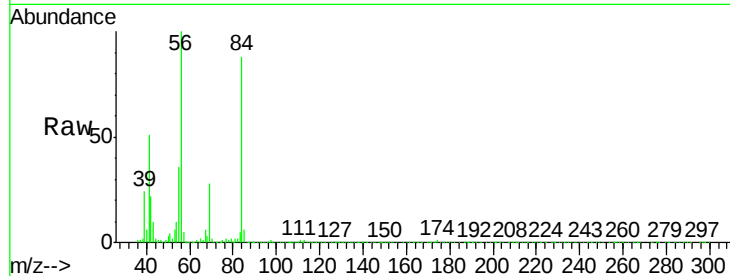
ClientSampleId :

VX0318WBS01

Tot Ion:	56	Resp:	207129
Ion Ratio		Lower	Upper
56	100		
69	27.7	26.2	39.4
84	86.2	75.2	112.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.490 ug/l

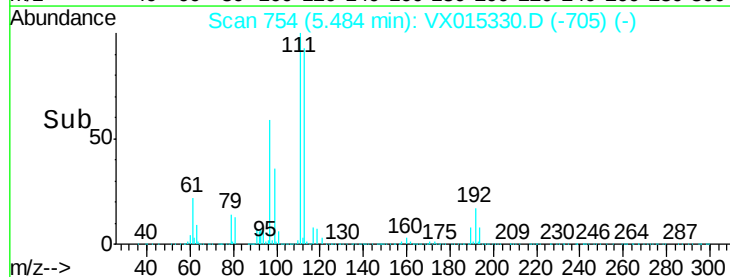
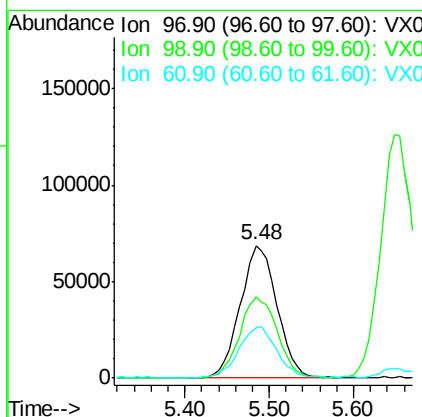
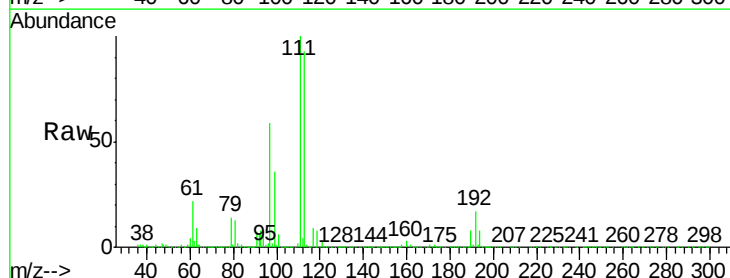
RT: 5.48 min Scan# 754

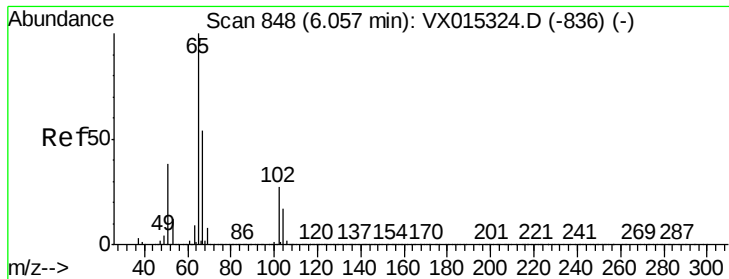
Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion:	97	Resp:	203720
Ion Ratio		Lower	Upper
97	100		
99	62.1	51.4	77.0
61	38.8	31.7	47.5





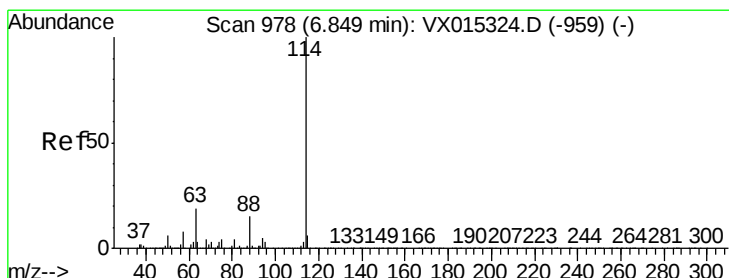
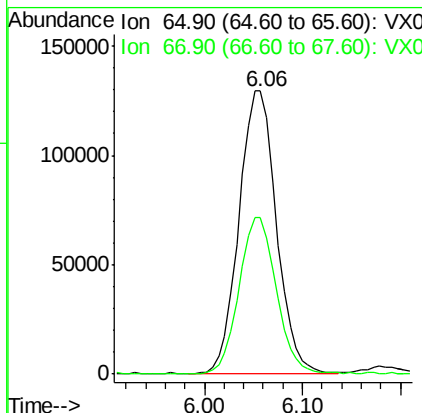
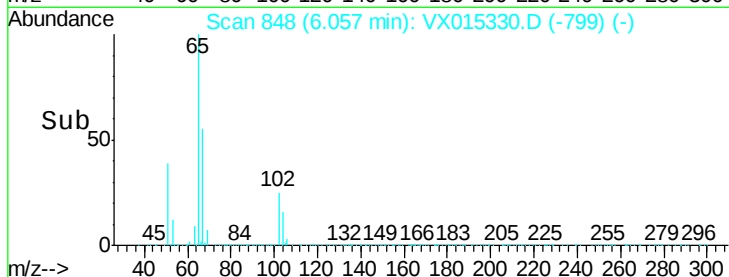
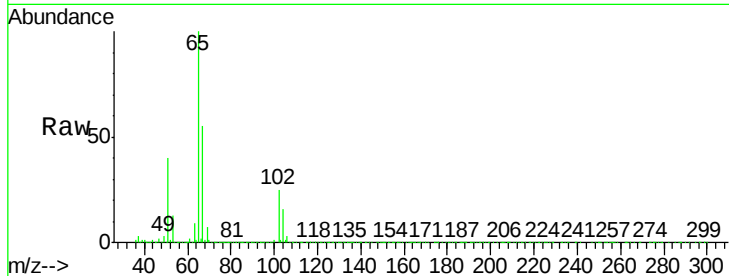
#33
 1,2-Dichloroethane-d4
 Concen: 48.491 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	108.6

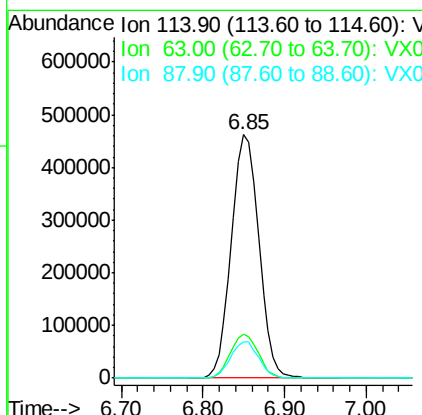
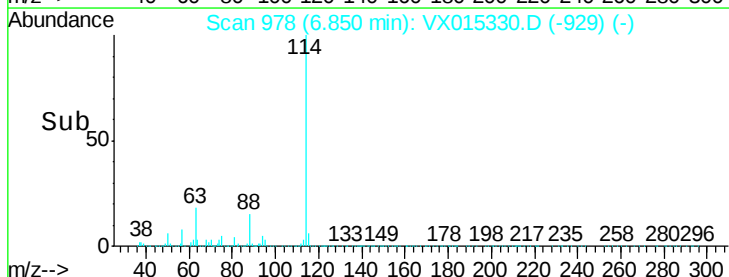
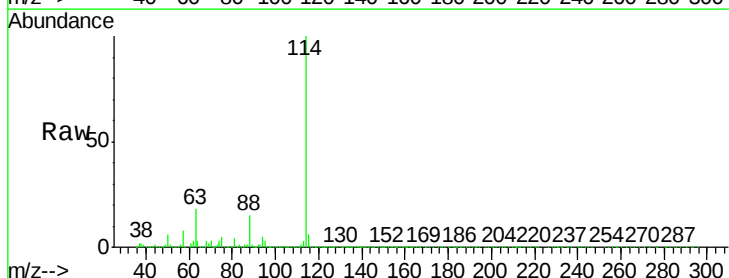
Manual Integrations
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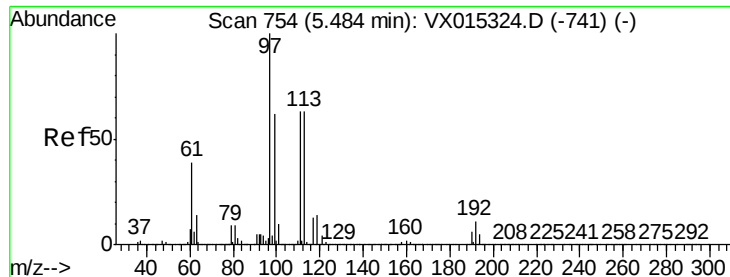
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 3/19/2020 12:01:03 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	37.4
88	14.8	0.0	30.0





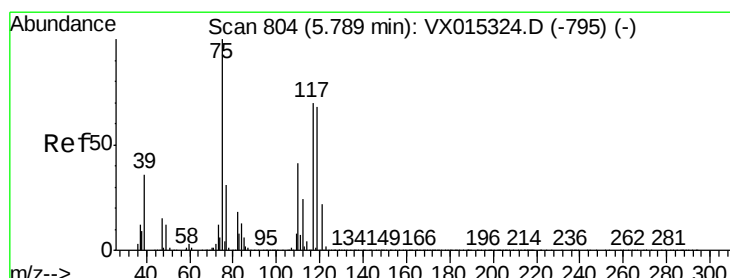
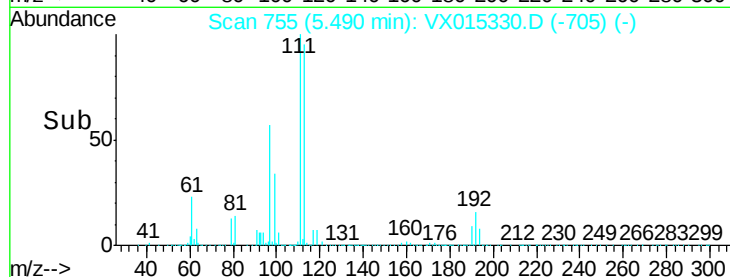
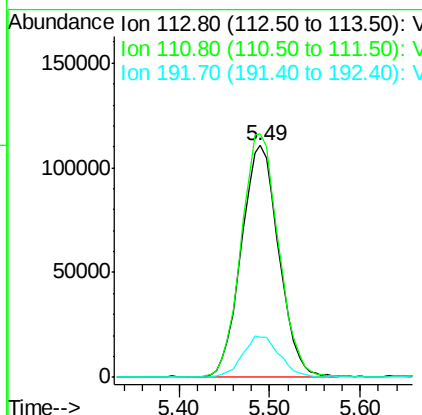
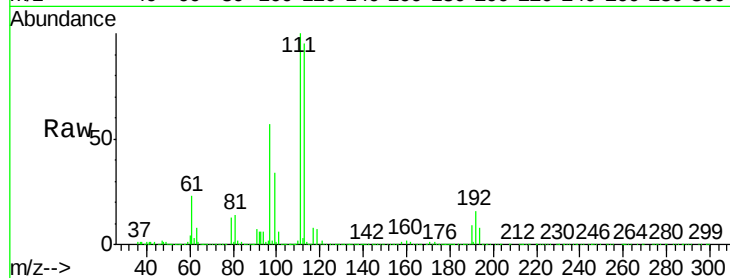
#35
Dibromofluoromethane
Concen: 44.976 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	105.2	82.5	123.7	
192	17.8	14.2	21.2	

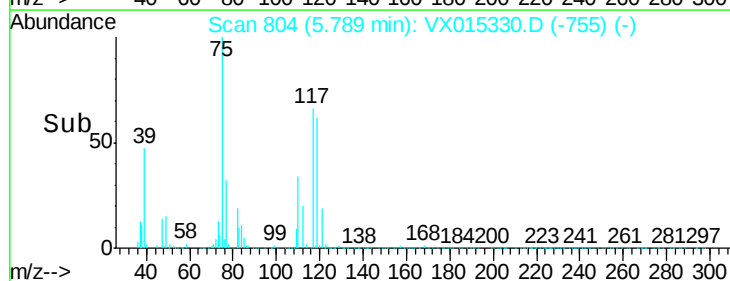
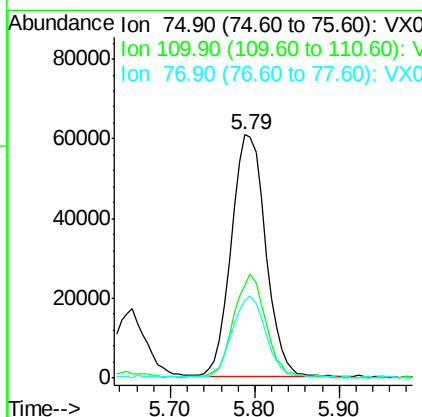
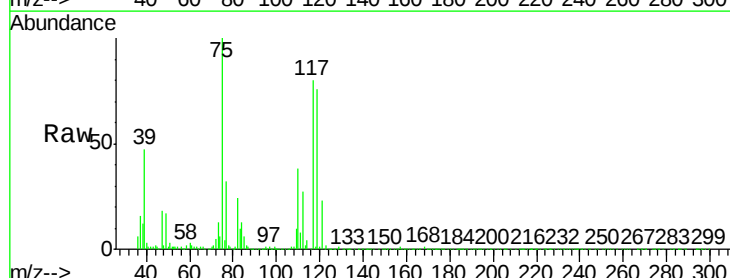
Manual Integrations
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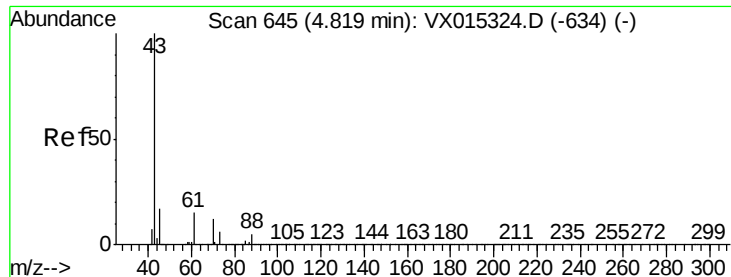
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#36
1,1-Dichloropropene
Concen: 16.379 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	41.2	19.4	58.4	
77	32.0	24.6	37.0	





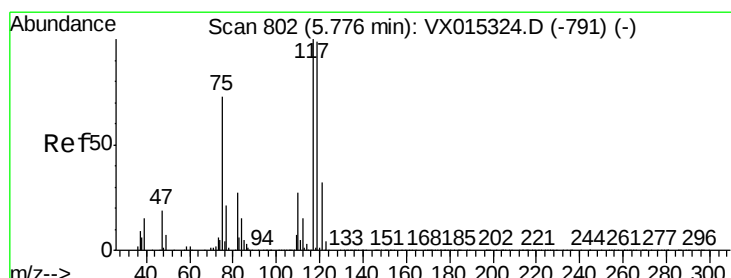
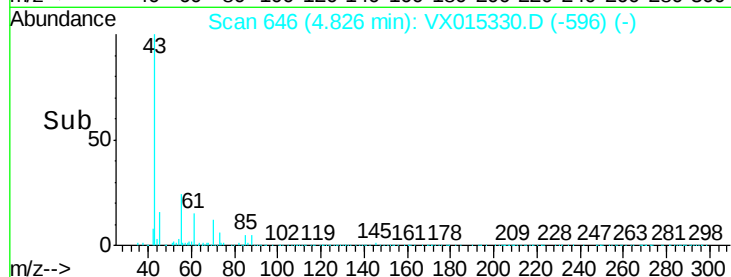
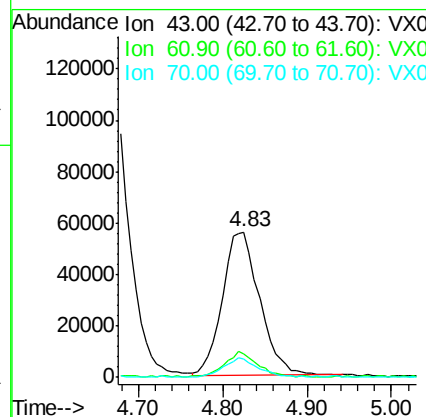
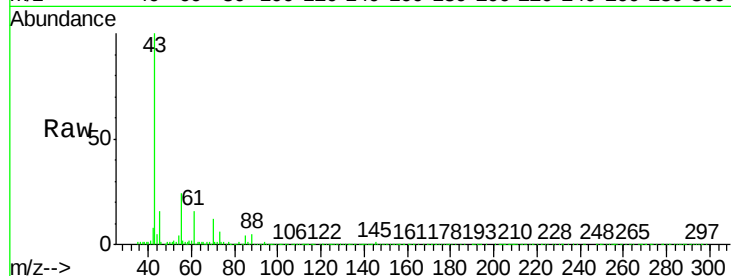
#37
Ethyl Acetate
Concen: 18.117 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	43	Resp	168123
Ion Ratio	Lower	Upper	
43	100		
61	15.2	12.2	18.2
70	12.1	9.8	14.6

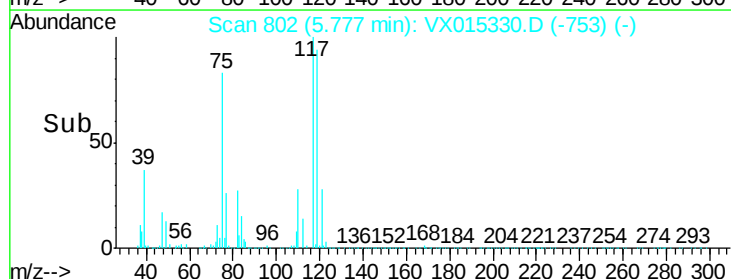
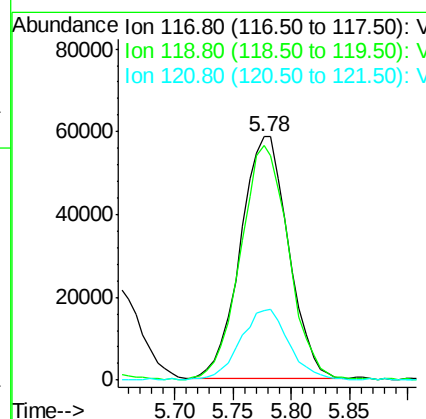
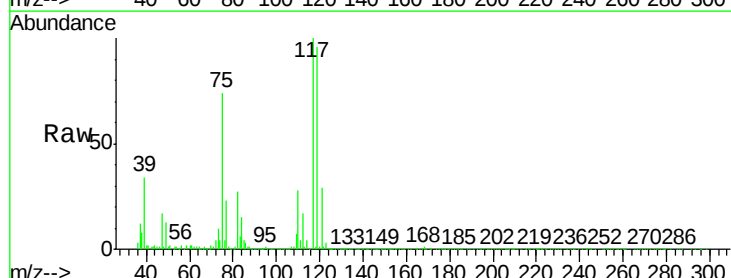
Manual Integrations
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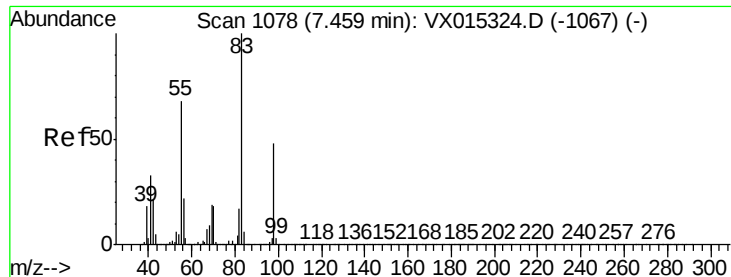
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#38
Carbon Tetrachloride
Concen: 17.305 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	117	Resp	168082
Ion Ratio	Lower	Upper	
117	100		
119	96.0	79.3	118.9
121	28.2	25.4	38.0





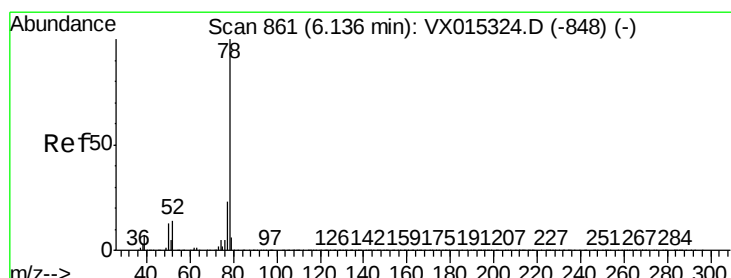
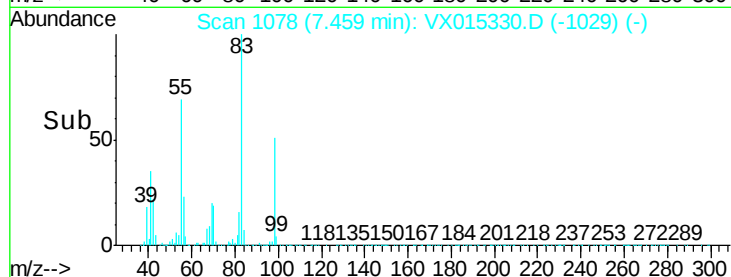
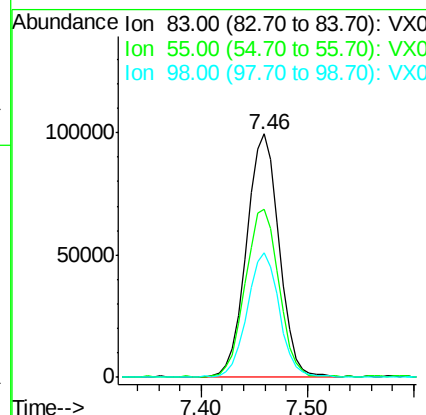
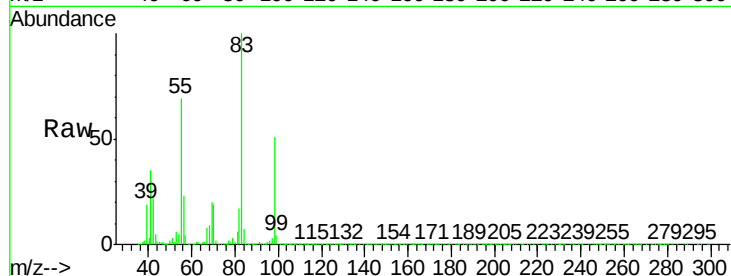
#39
Methvlcvclohexane
Concen: 17.324 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	54.8	82.2
98	50.9	38.8	58.2

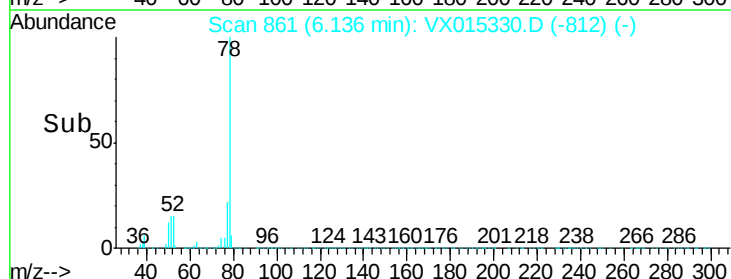
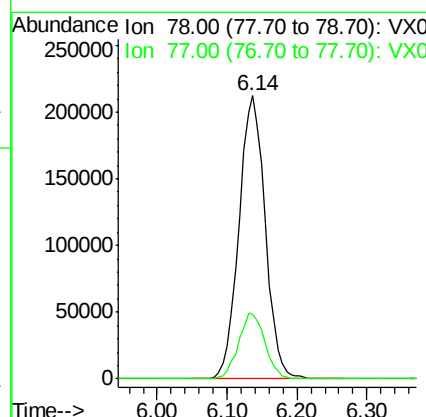
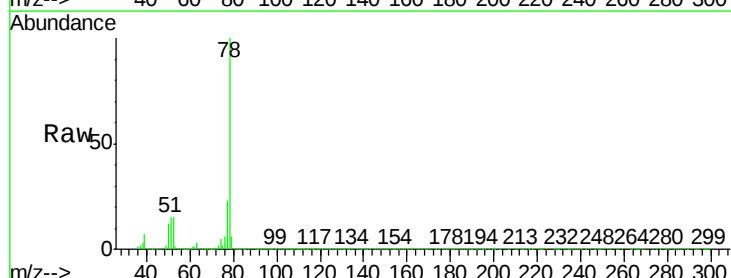
Manual Integrations
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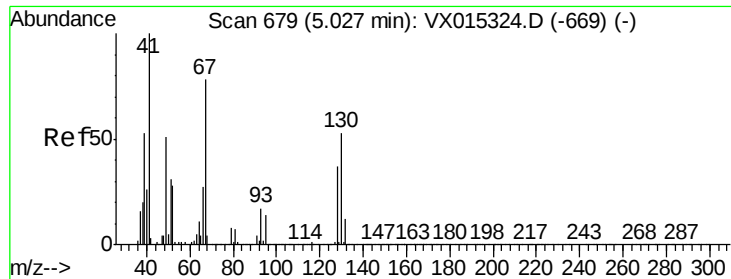
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#40
Benzene
Concen: 17.739 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.4





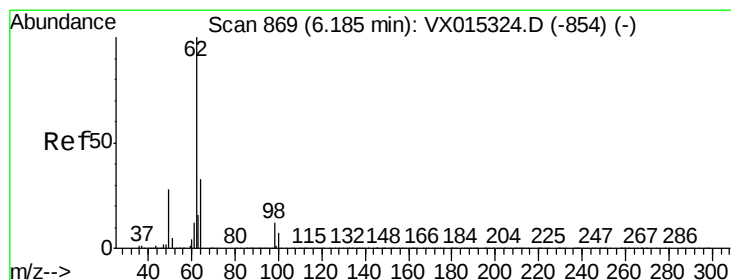
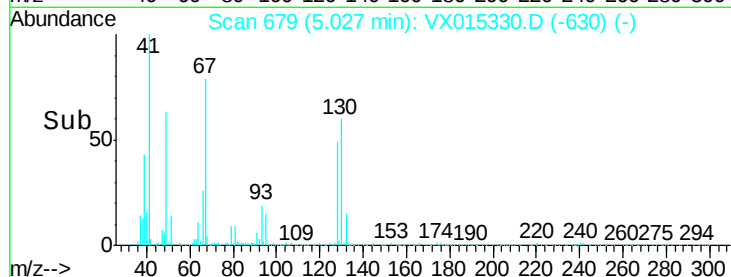
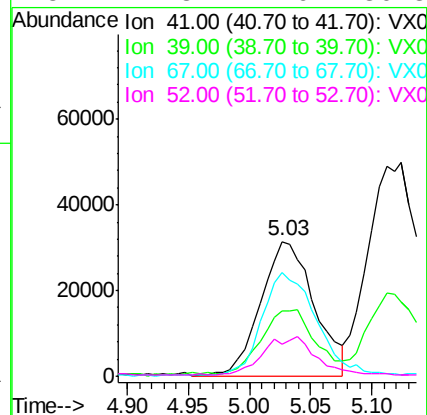
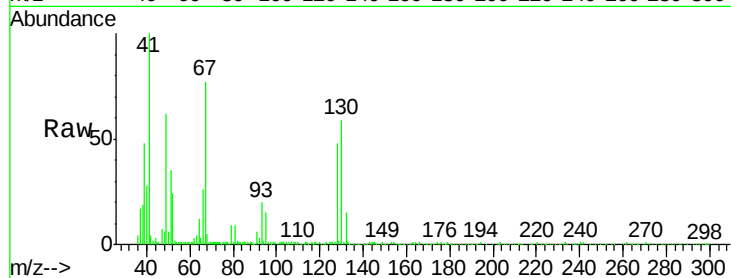
#41
Methacrylonitrile
Concen: 19.424 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		96483		
39	49.0	43.0	64.6		
67	75.9	66.0	99.0		
52	27.3	24.6	36.8		

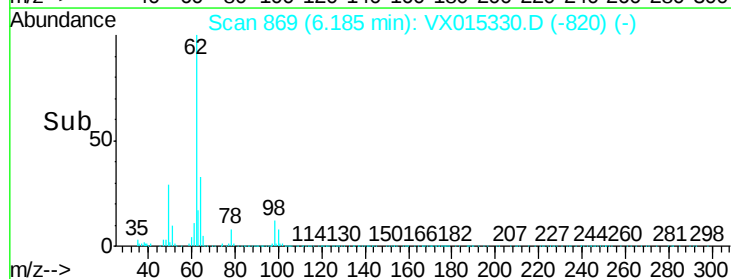
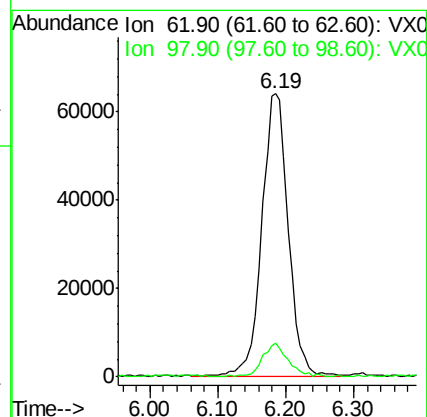
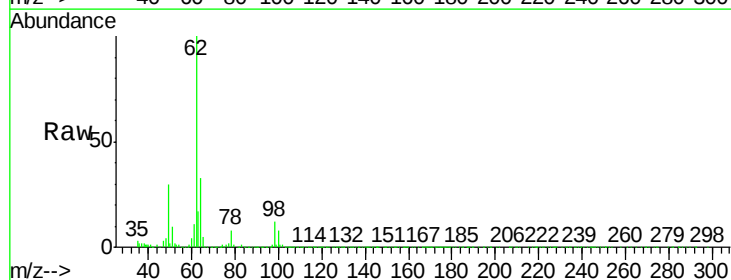
Manual Integrations
APPROVED

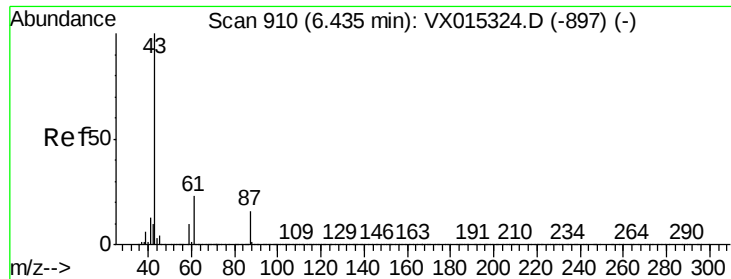
MMDadoda
3/19/2020 12:01:03 PM



#42
1,2-Dichloroethane
Concen: 18.715 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		175257		
98	10.9	0.0	22.6		





#43

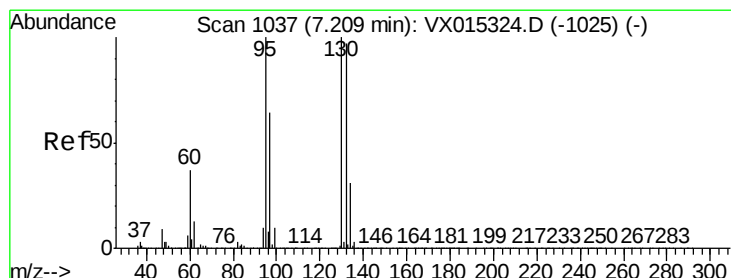
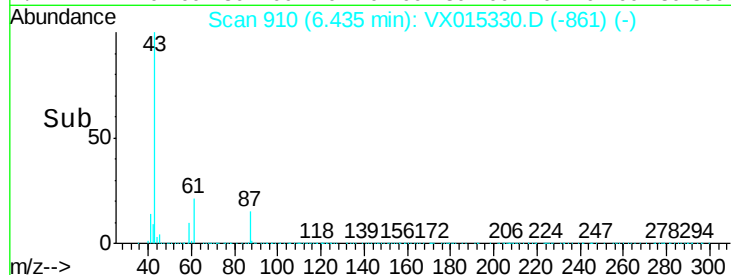
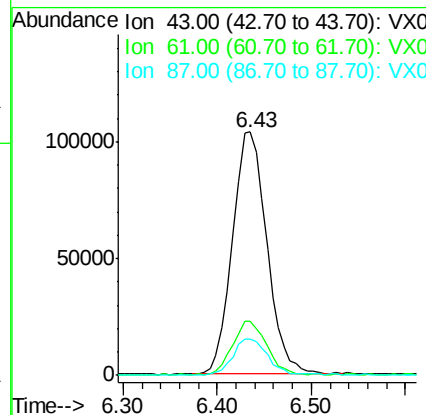
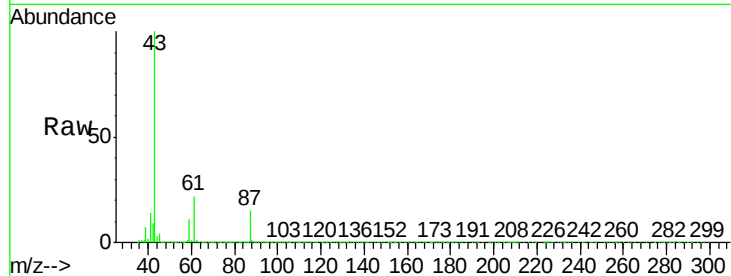
Isopropyl Acetate
 Concen: 18.763 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	18.2	27.2
87	15.2	12.3	18.5

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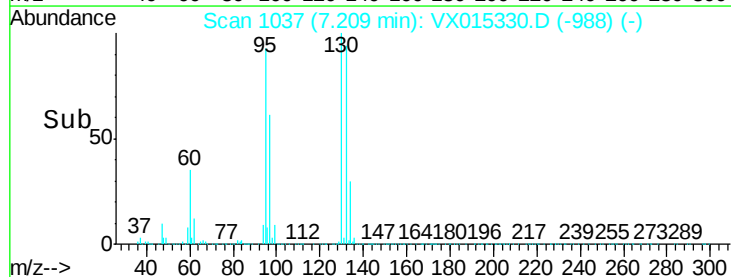
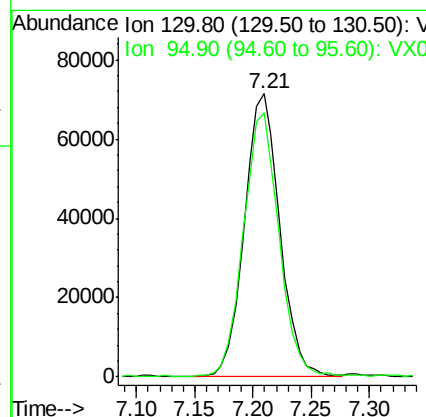
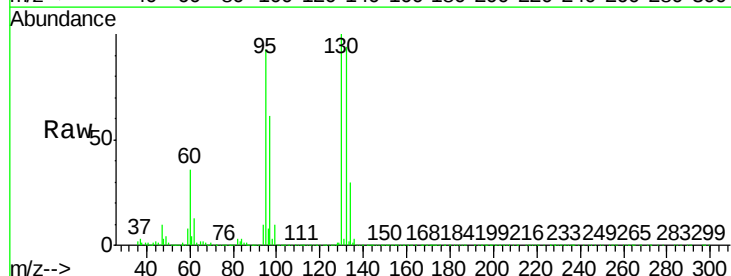
MMDadoda
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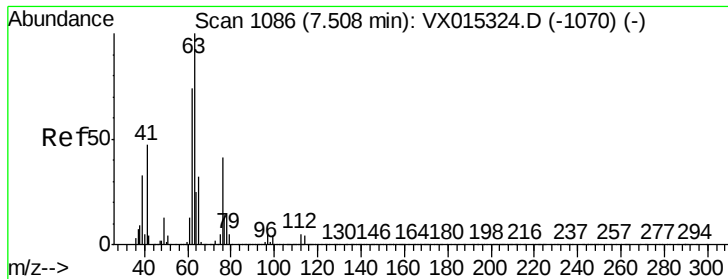


#44

Trichloroethene
 Concen: 17.747 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	200.4





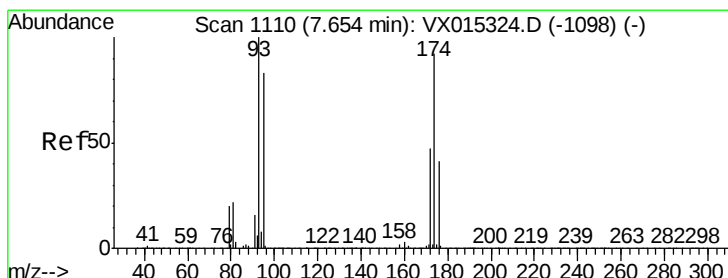
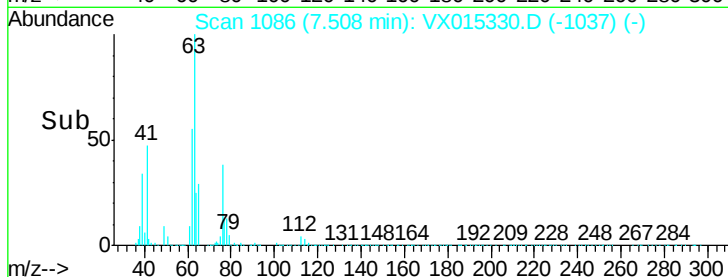
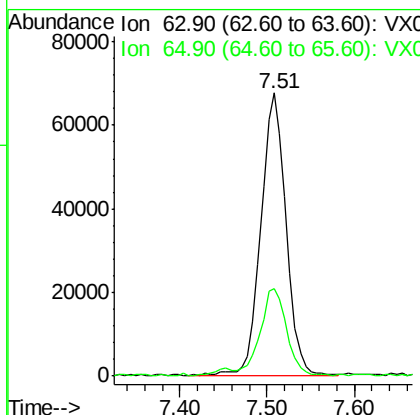
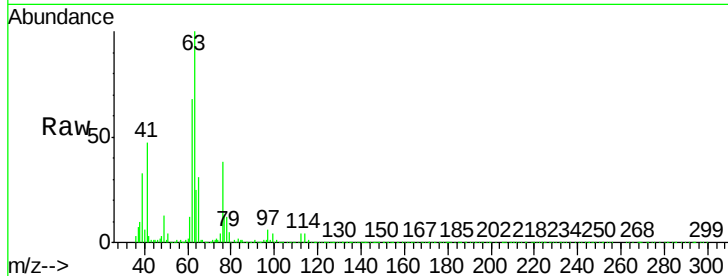
#45
 1,2-Dichloropropane
 Concen: 18.390 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.1	37.7

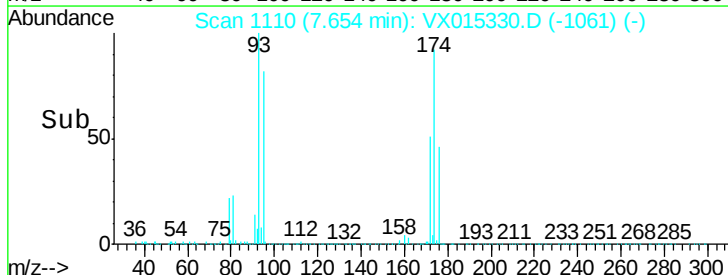
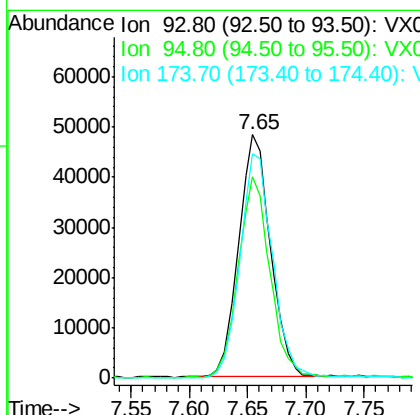
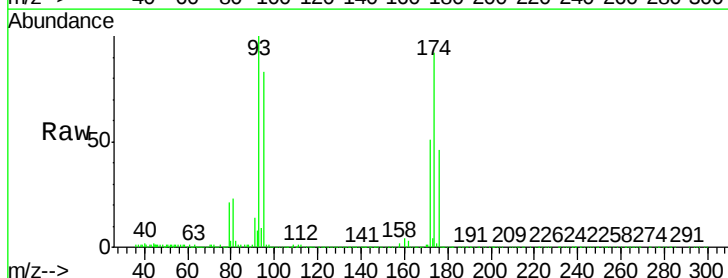
Manual Integrations
 APPROVED

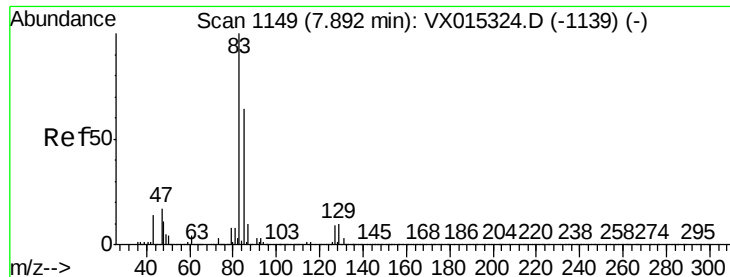
MMDadoda
 3/19/2020 12:01:03 PM



#46
 Dibromomethane
 Concen: 17.947 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.3	99.5
174	95.1	74.2	111.2





#47

Bromodichloromethane

Concen: 17.965 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

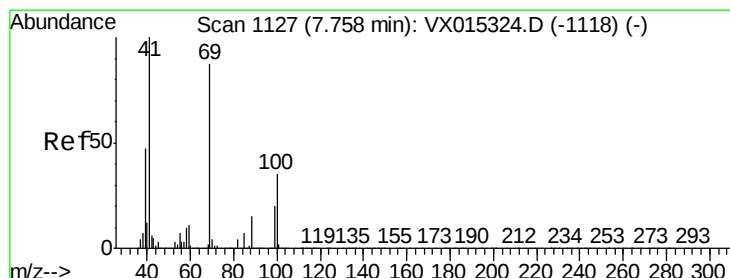
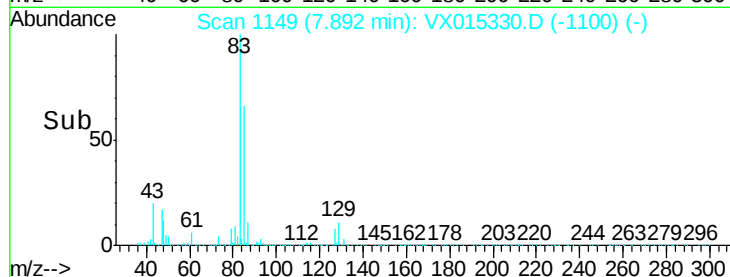
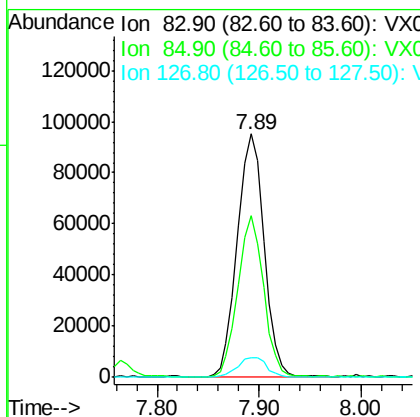
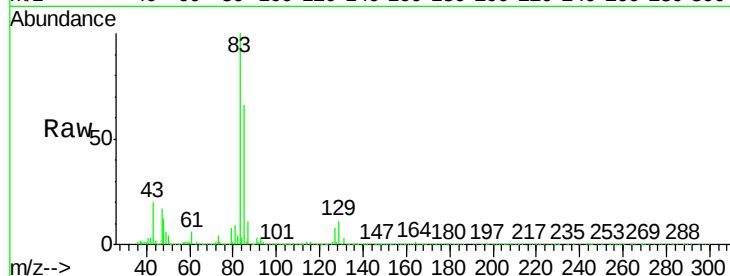
ClientSampleId :

VX0318WBS01

Tot Ion:	83	Resp:	173094
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.0	76.6
127	8.1	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.042 ug/l

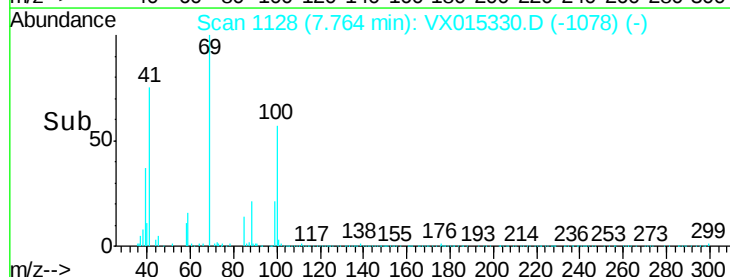
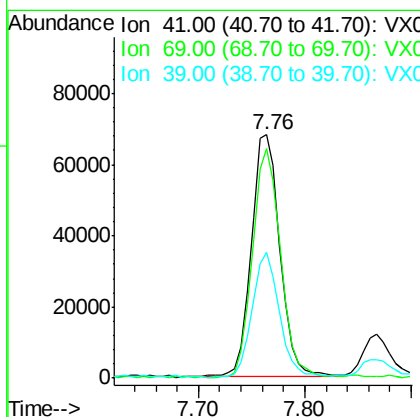
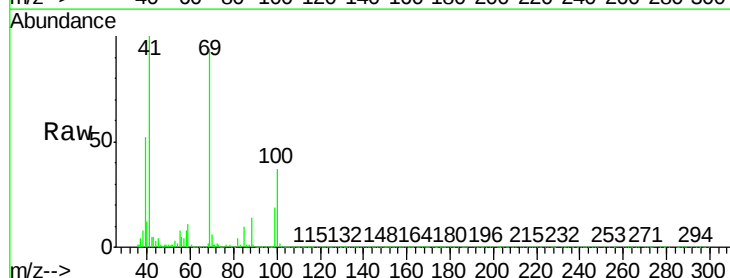
RT: 7.76 min Scan# 1128

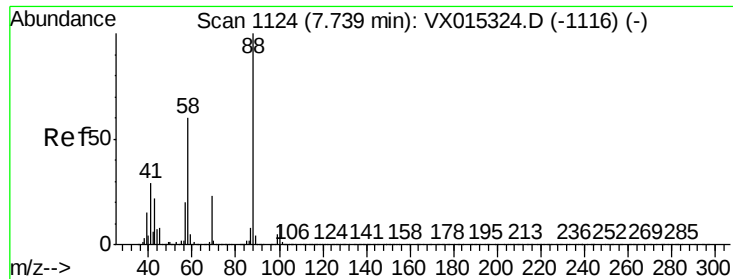
Delta R.T. 0.01 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion:	41	Resp:	128312
Ion	Ratio	Lower	Upper
41	100		
69	93.9	74.4	111.6
39	48.2	39.2	58.8





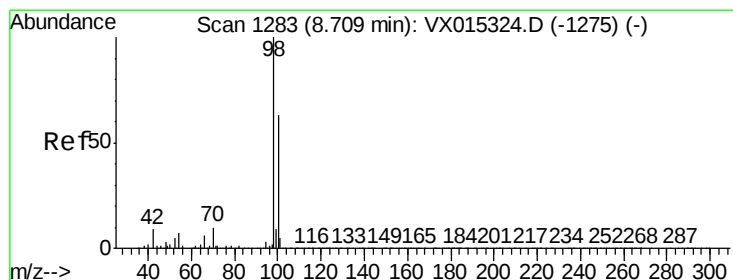
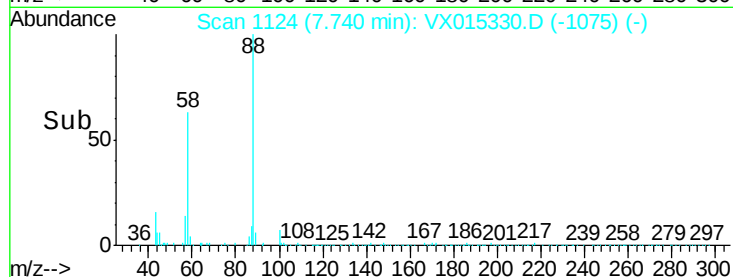
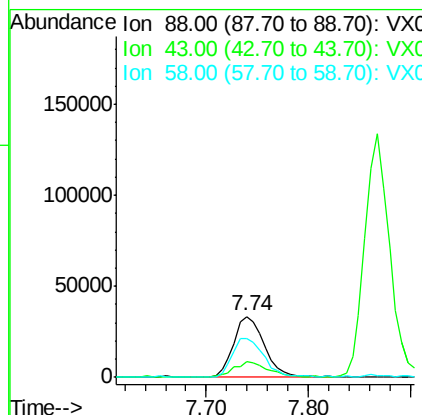
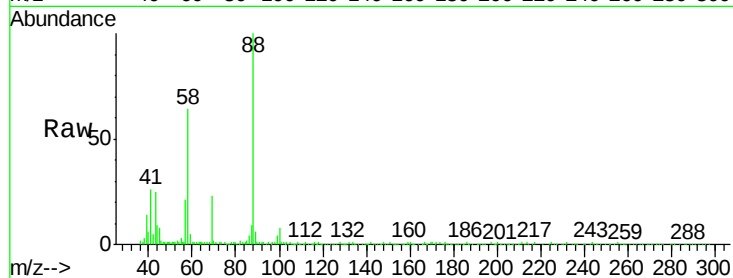
#49
1,4-Dioxane
Concen: 373.998 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	20.7	31.1
58	65.1	53.9	80.9

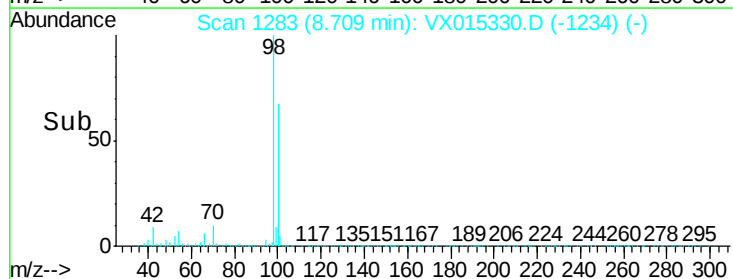
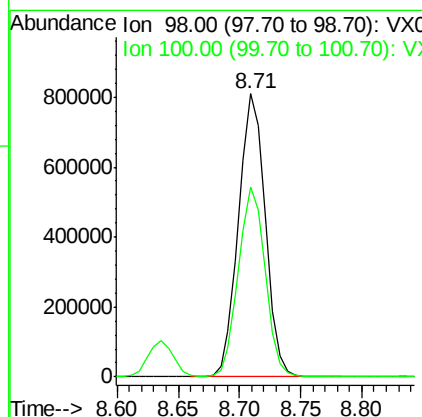
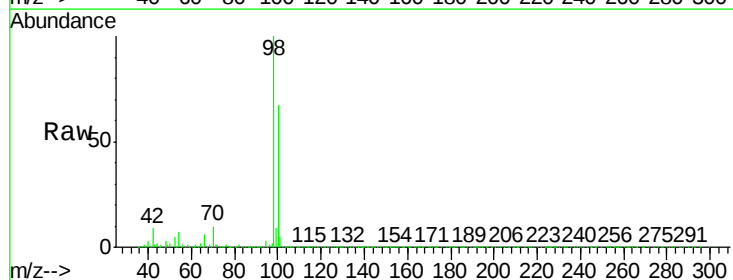
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APPROVED

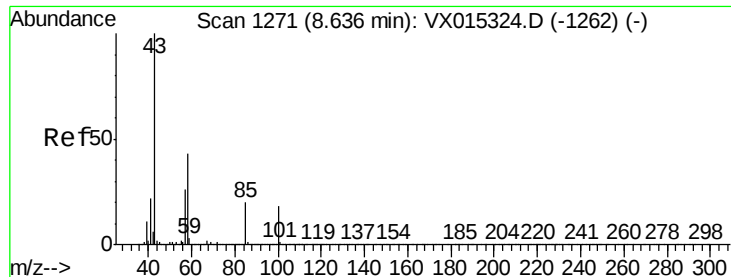
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#50
Toluene-d8
Concen: 47.341 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6





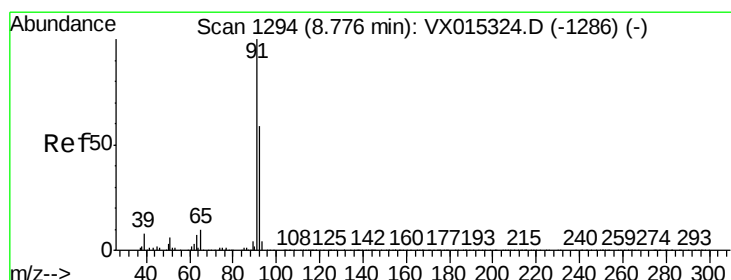
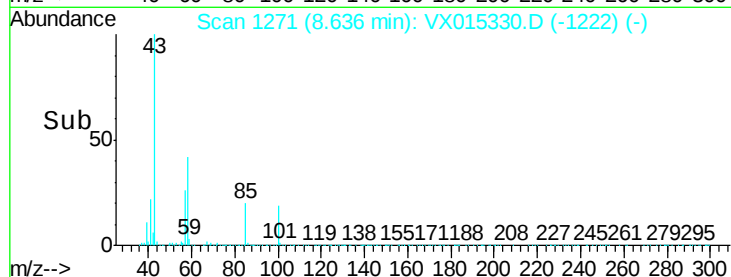
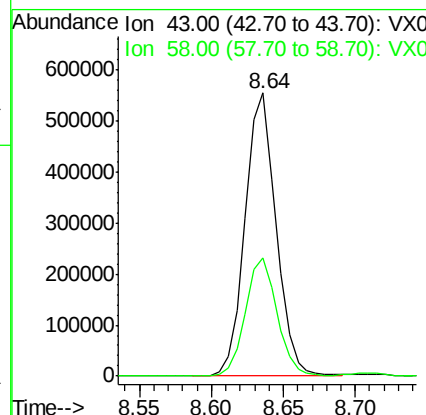
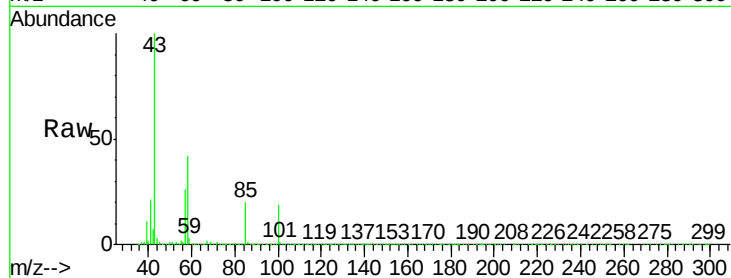
#51
4-Methyl-2-Pentanone
Concen: 94.958 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	43	Resp	825298
Ion Ratio	43	100	
Lower	58	42.5	34.6
Upper			51.8

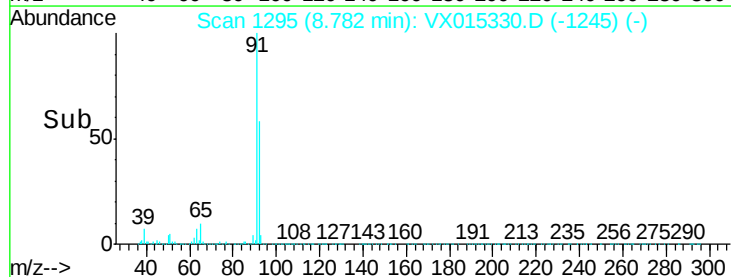
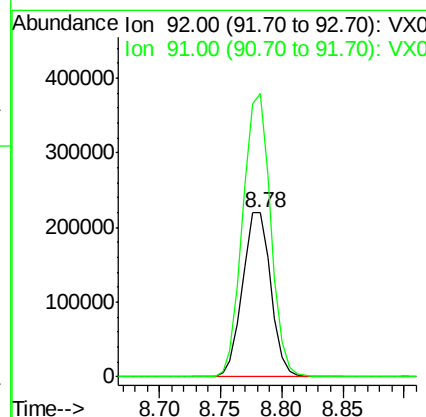
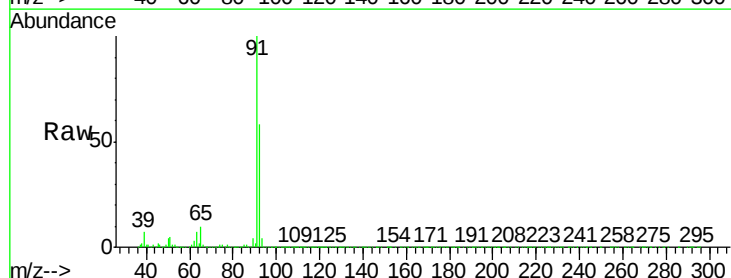
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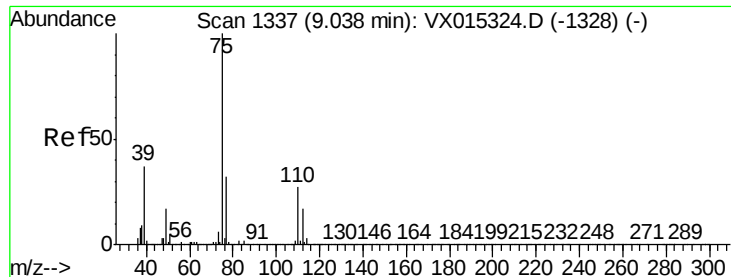
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#52
Toluene
Concen: 18.444 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	92	Resp	351834
Ion Ratio	92	100	
Lower	91	169.9	136.4
Upper			204.6





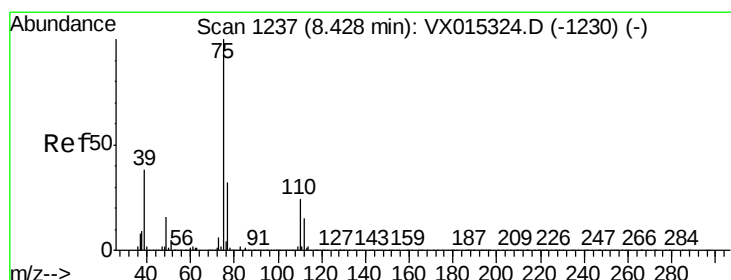
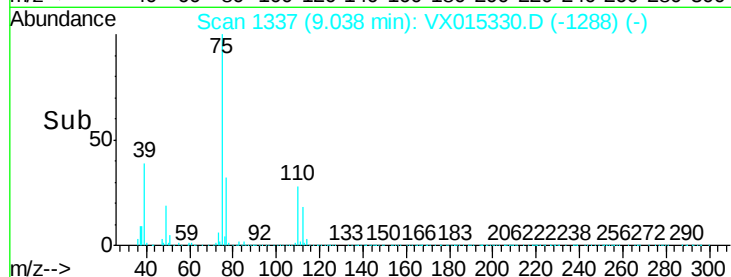
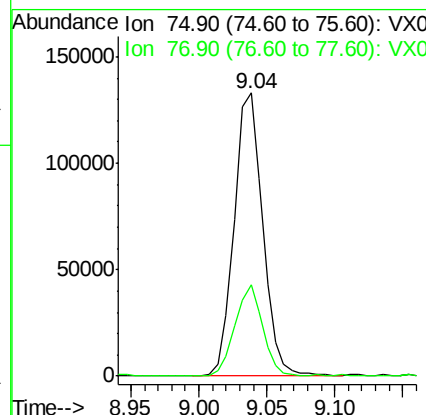
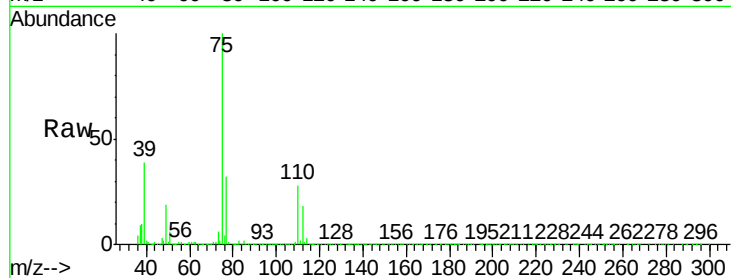
#53
t-1,3-Dichloropropene
Concen: 18.817 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8

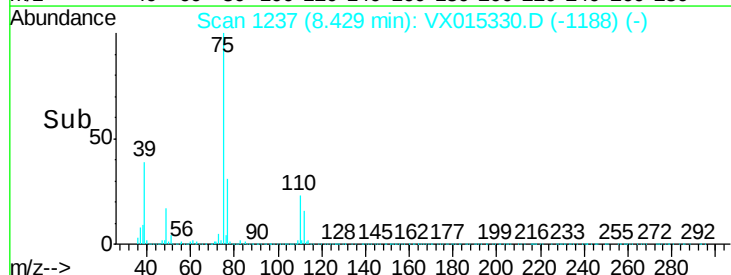
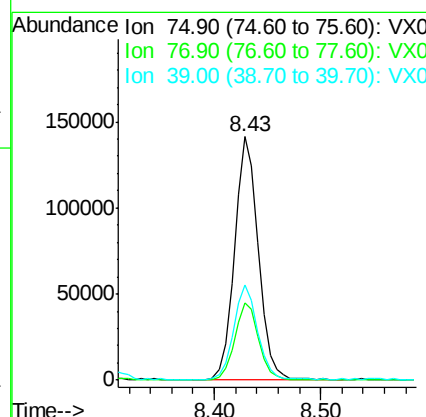
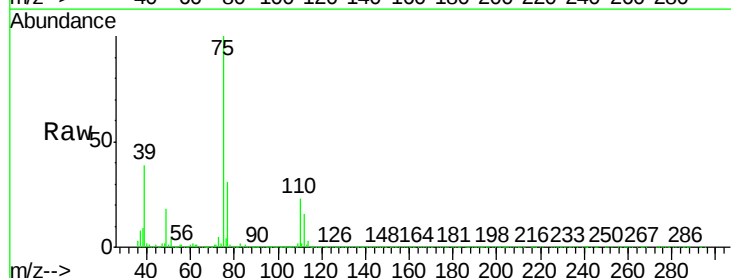
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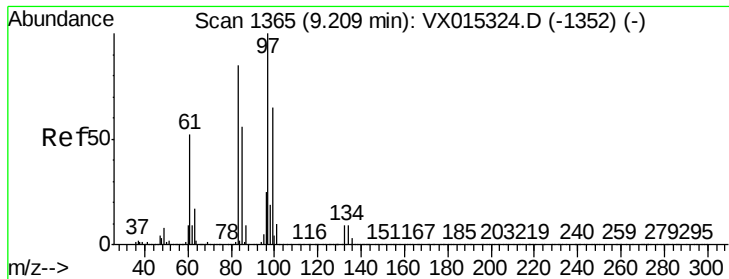
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#54
cis-1,3-Dichloropropene
Concen: 18.826 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	38.8	30.2	45.2





#55

1,1,2-Trichloroethane

Concen: 16.941 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

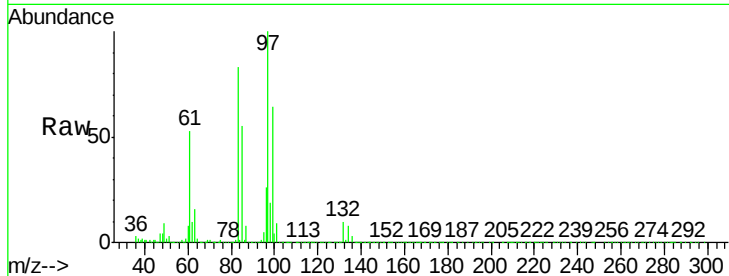
ClientSampleId :

VX0318WBS01

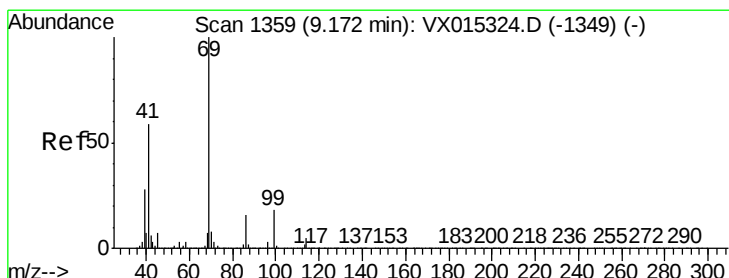
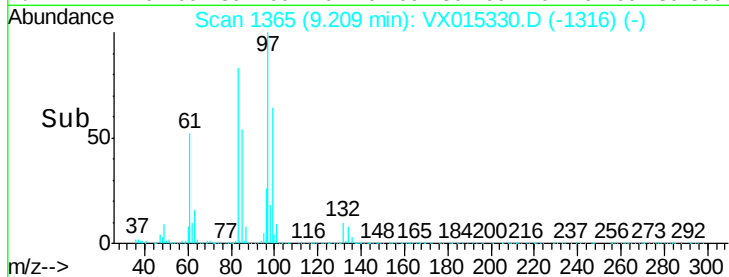
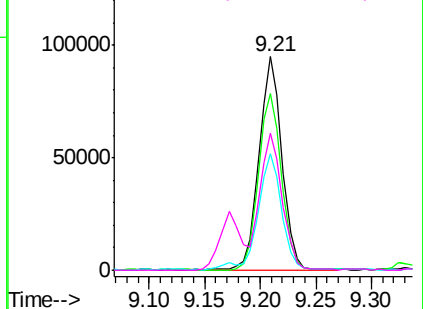
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		137020		
83	82.5	67.7	101.5		
85	54.6	44.5	66.7		
99	63.7	51.8	77.8		

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Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.750 ug/l

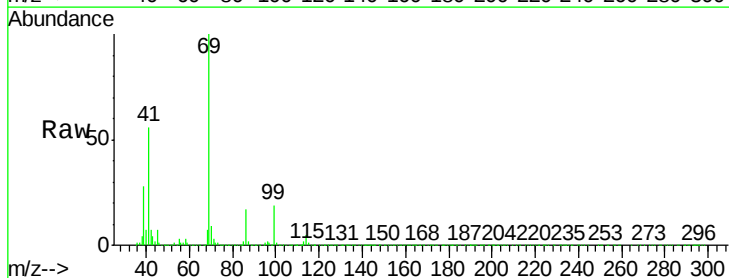
RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

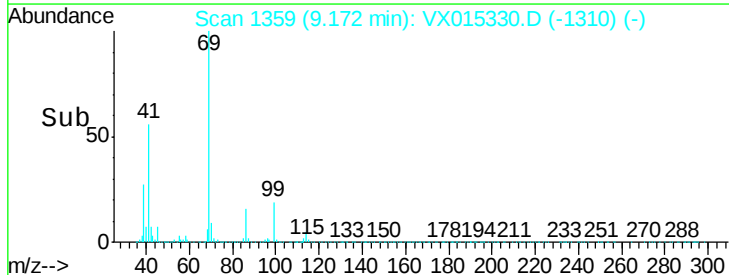
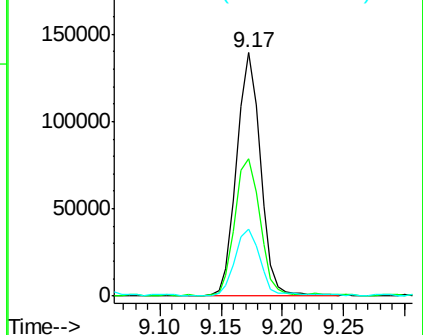
Lab File: VX015330.D

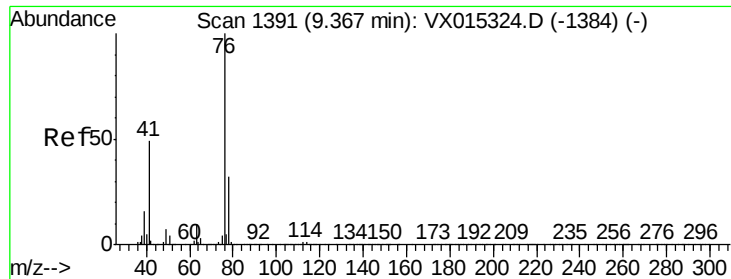
Acq: 18 Mar 2020 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		186993		
41	59.8	47.5	71.3		
39	28.5	23.0	34.4		



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





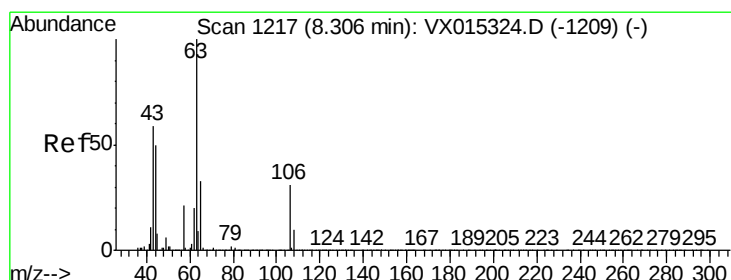
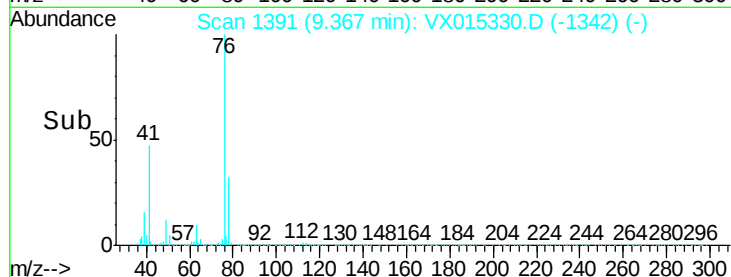
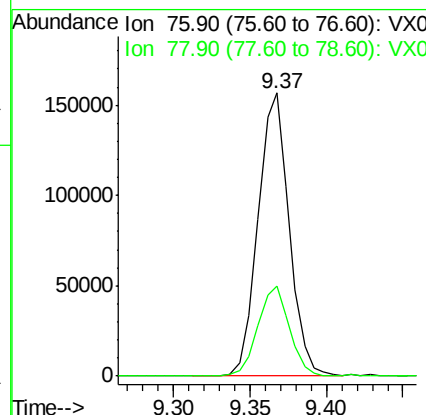
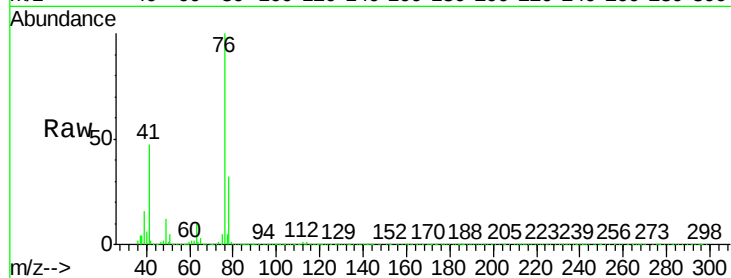
#57
 1,3-Dichloropropane
 Concen: 16.649 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.5	38.3

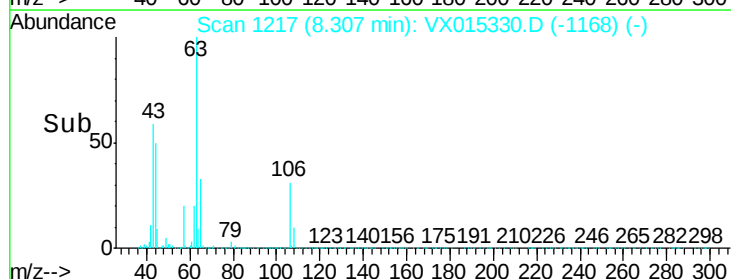
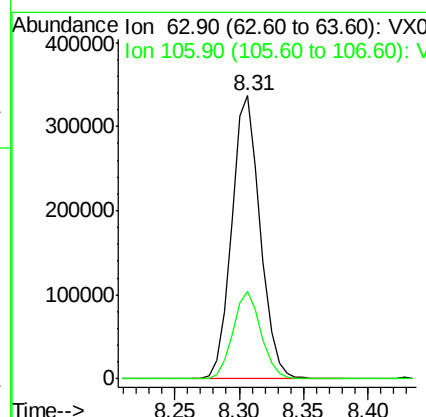
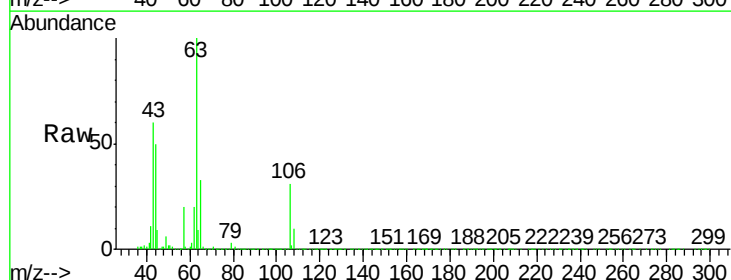
Manual Integrations
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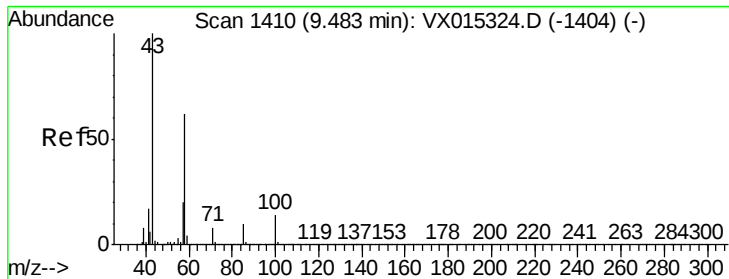
MMDadoda
 3/19/2020 12:01:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.693 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	24.3	36.5





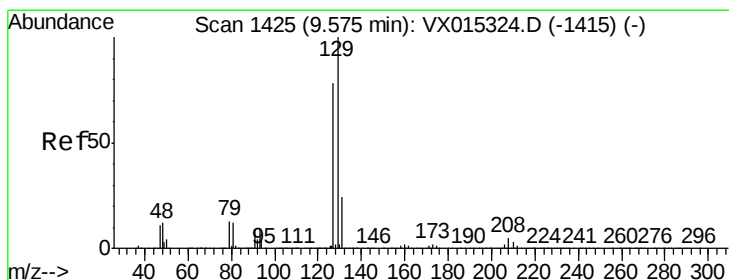
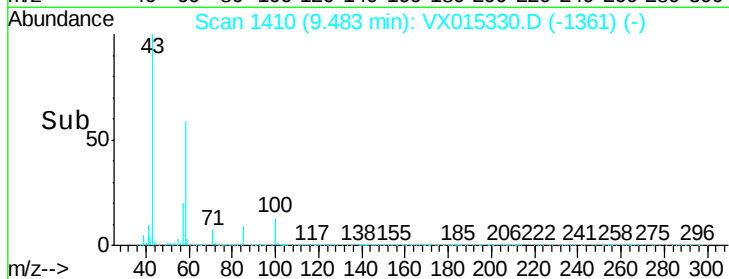
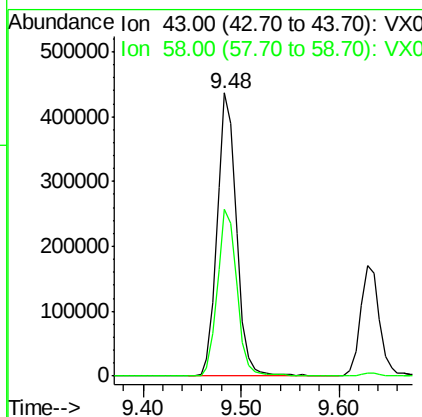
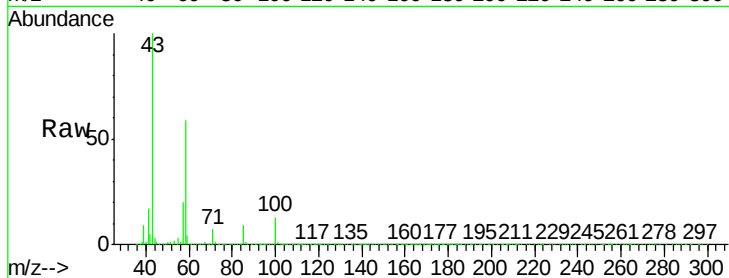
#59
2-Hexanone
Concen: 92.226 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.1	30.3	90.8

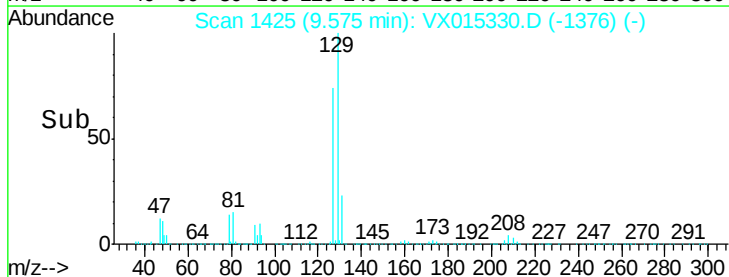
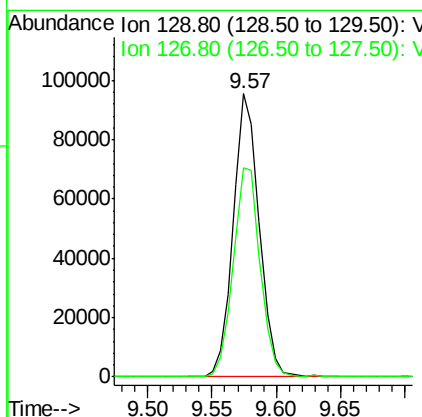
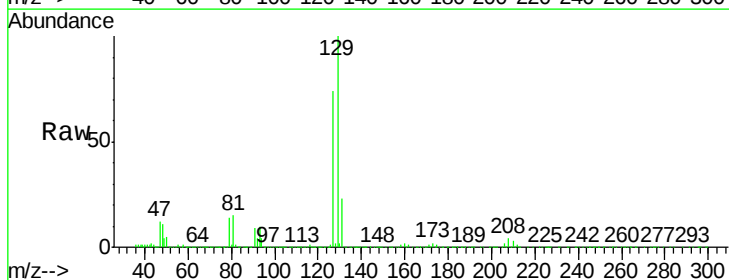
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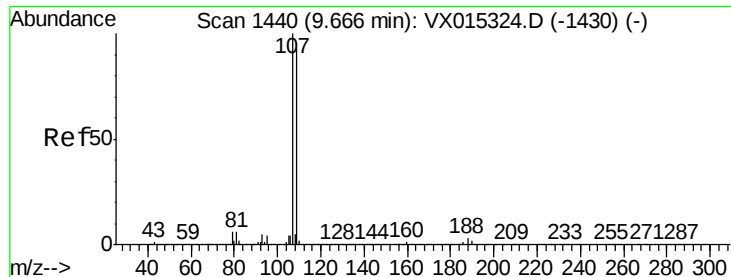
MMDadoda
3/19/2020 12:01:03 PM



#60
Dibromochloromethane
Concen: 17.093 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	39.3	117.9





#61

1,2-Dibromoethane

Concen: 17.639 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

Tot Ion: 107 Resp: 145316

Ion Ratio Lower Upper

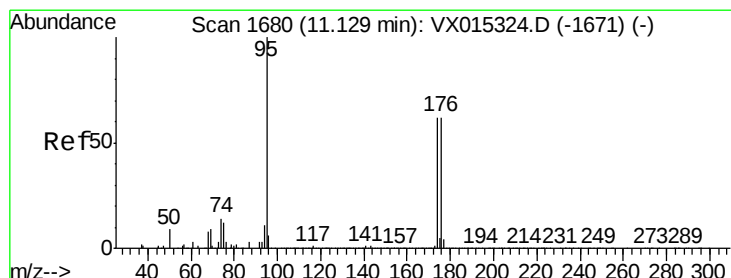
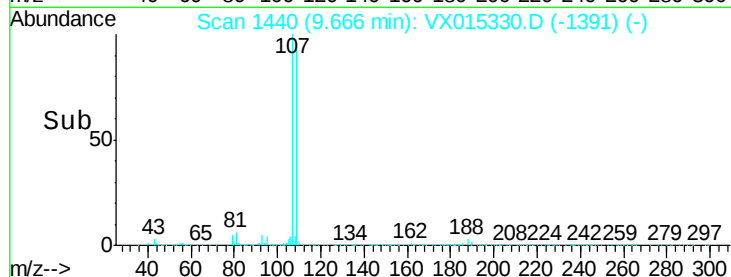
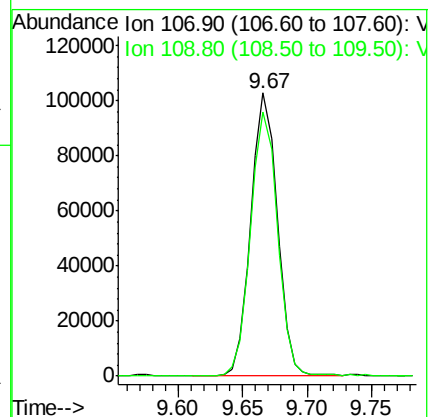
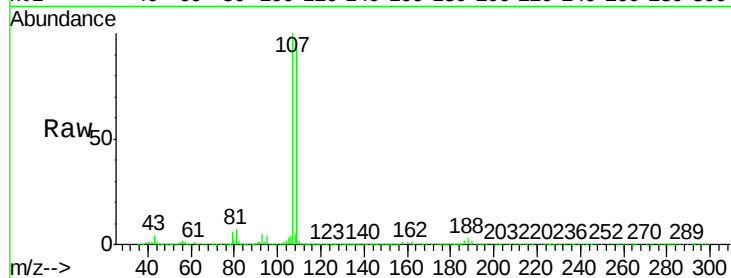
107 100

109 95.3 75.1 112.7

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 45.713 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

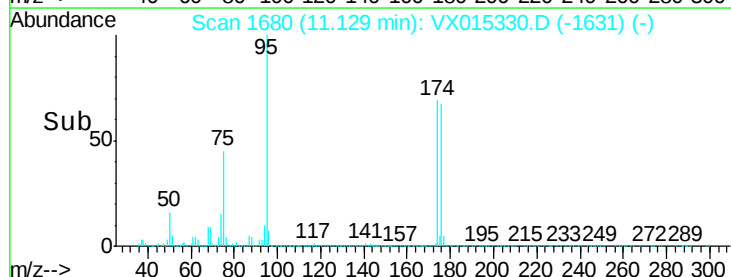
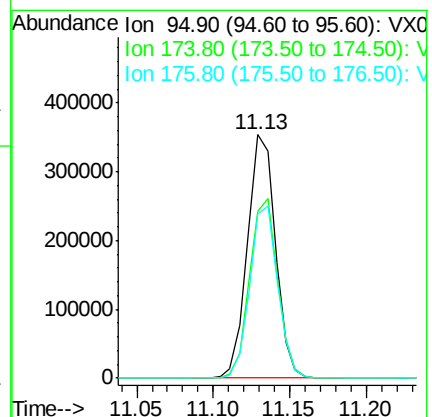
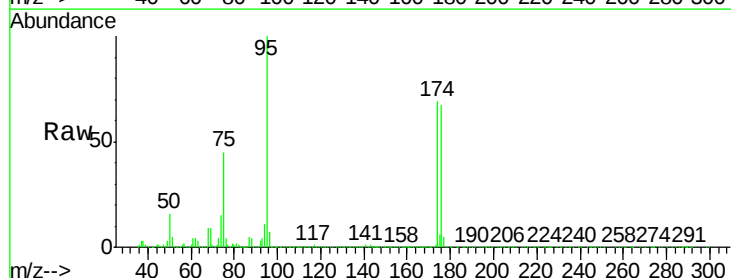
Tgt Ion: 95 Resp: 450881

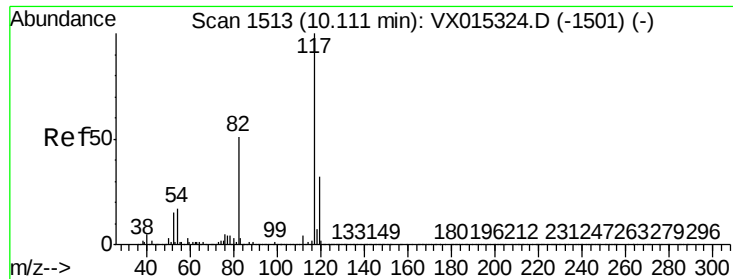
Ion Ratio Lower Upper

95 100

174 74.0 0.0 145.6

176 70.5 0.0 141.6





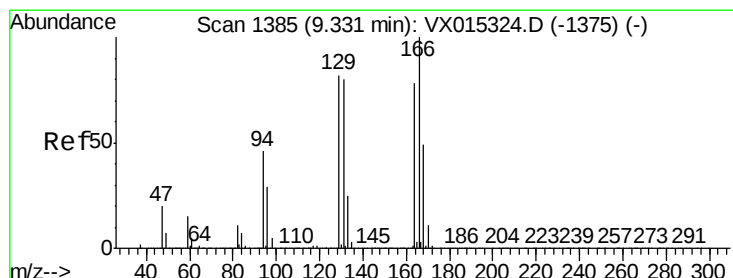
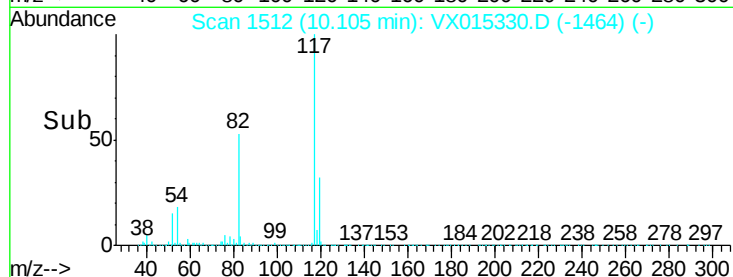
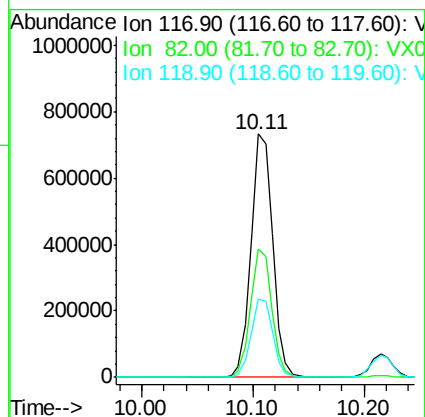
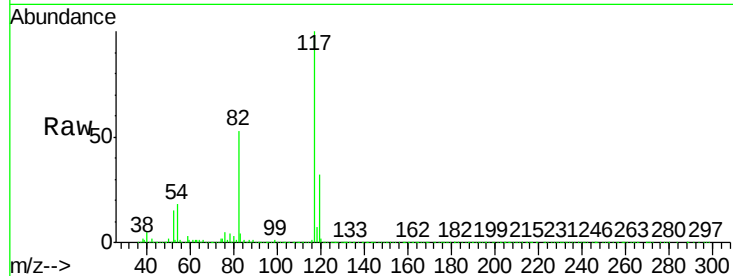
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.9	40.6	60.8
119	32.2	25.4	38.2

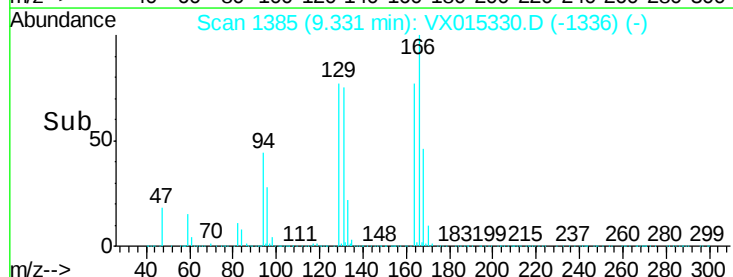
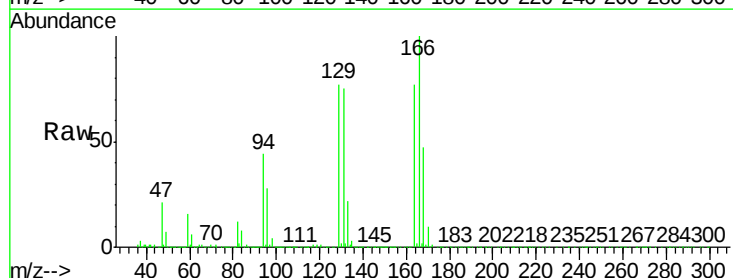
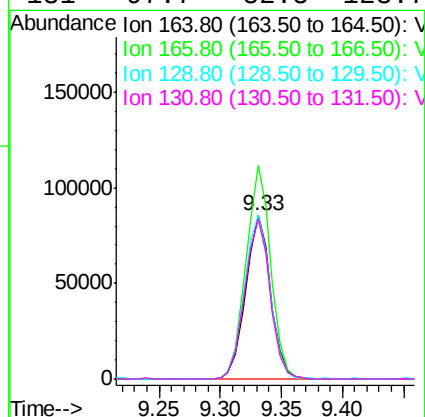
Manual Integrations
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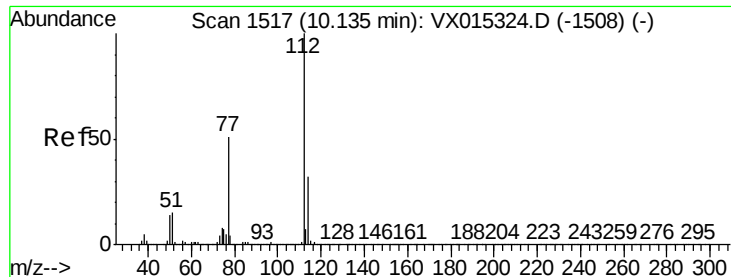
MMDadoda
3/19/2020 12:01:03 PM



#64
Tetrachloroethene
Concen: 16.793 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	130.3	102.6	153.8
129	100.3	84.5	126.7
131	97.7	82.5	123.7





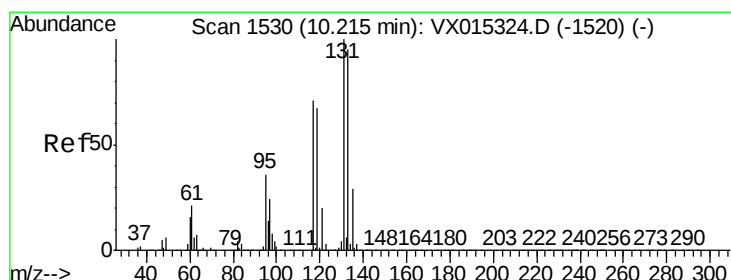
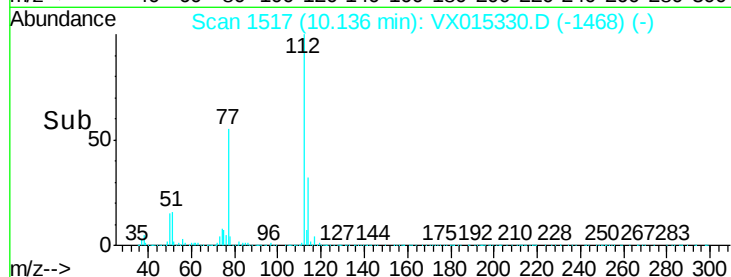
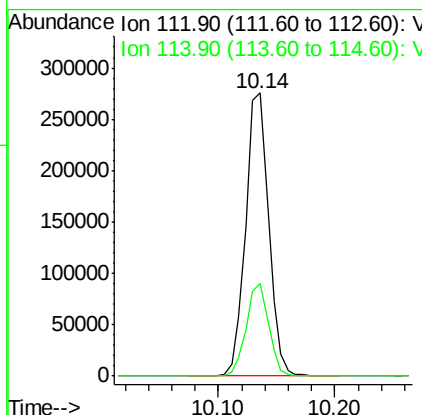
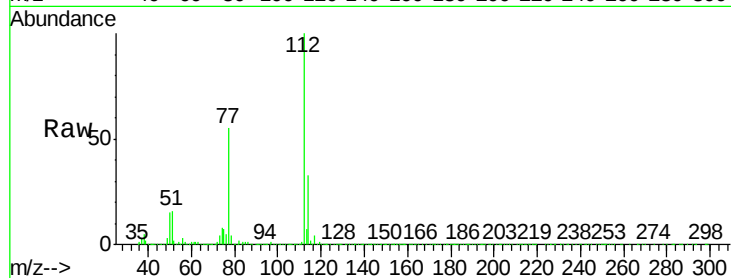
#65
Chlorobenzene
Concen: 18.353 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.6	38.4

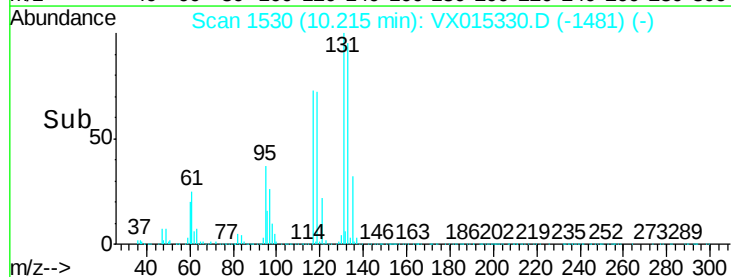
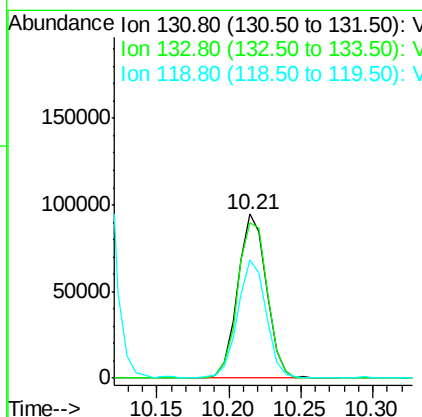
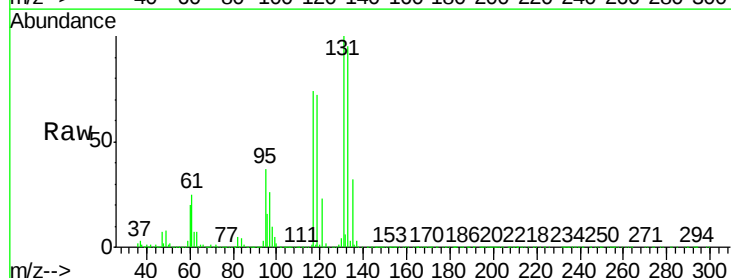
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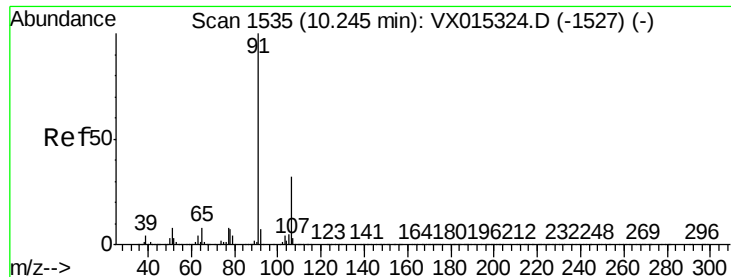
MMDadoda
3/19/2020 12:01:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.482 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.1	48.1	144.4
119	70.1	33.8	101.3





#67

Ethyl Benzene

Concen: 18.311 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

Tot Ion: 91 Resp: 652150

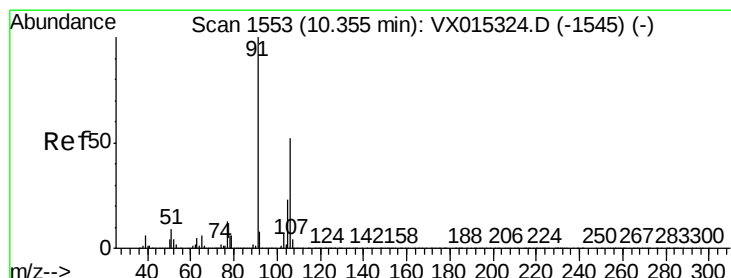
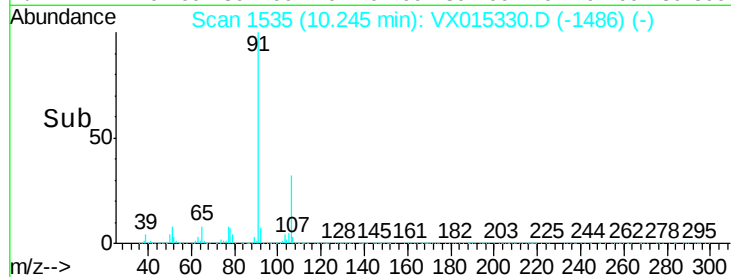
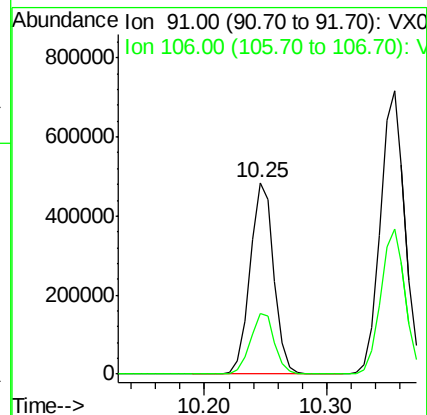
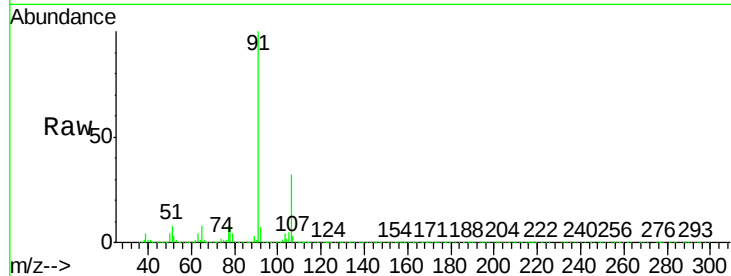
Ion Ratio Lower Upper

91 100

106 31.7 25.8 38.6

Manual Integrations
APPROVED

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3/19/2020 12:01:03 PM



#68

m/p-Xylenes

Concen: 37.659 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015330.D

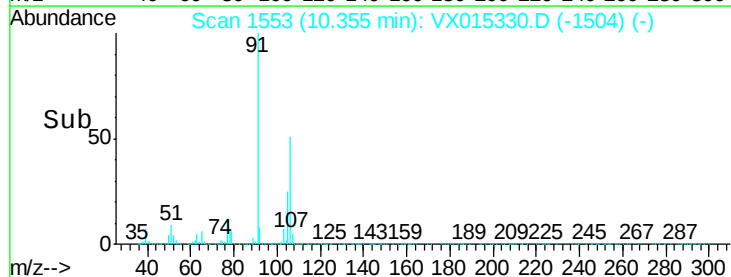
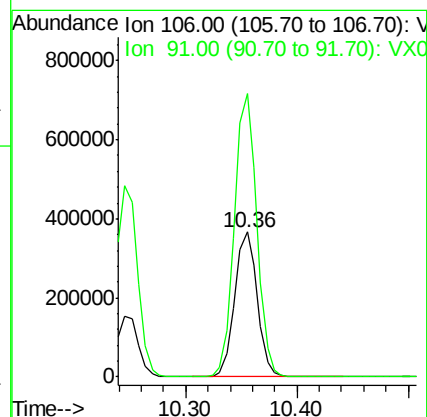
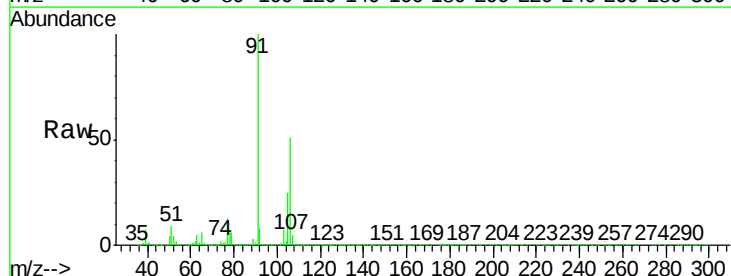
Acq: 18 Mar 2020 17:49

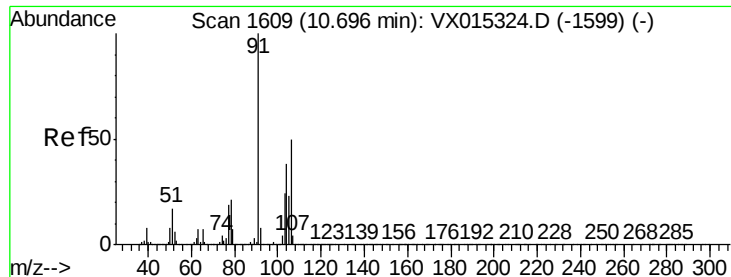
Tgt Ion: 106 Resp: 511364

Ion Ratio Lower Upper

106 100

91 194.3 155.1 232.7





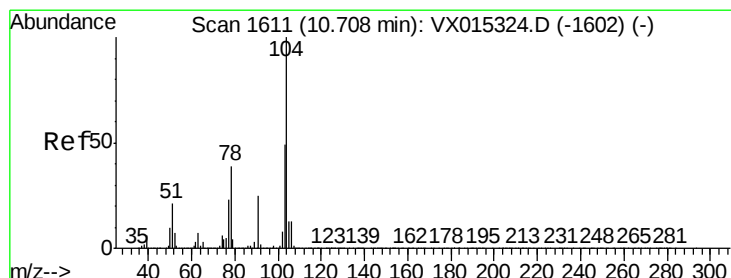
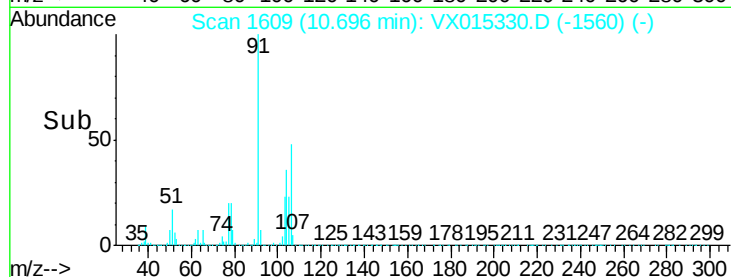
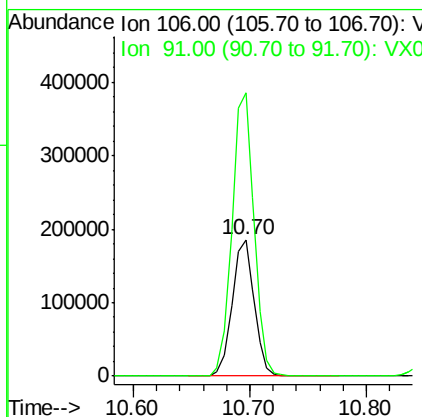
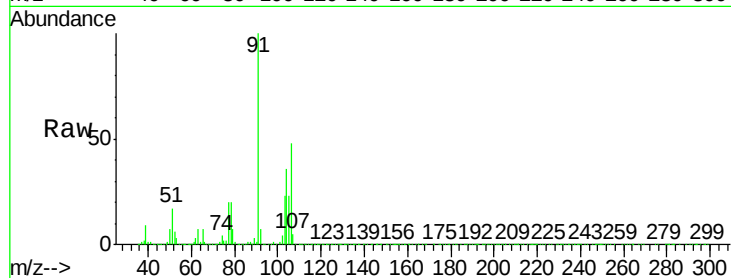
#69
o-Xylene
Concen: 18.757 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.2	102.3	306.9

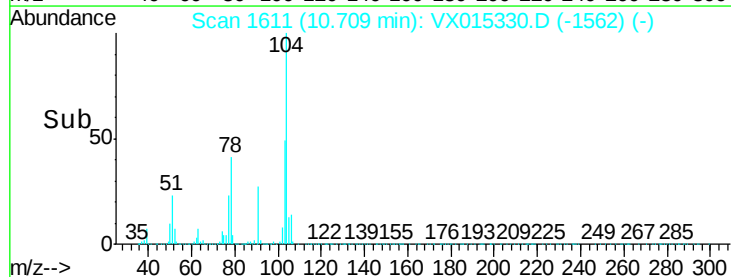
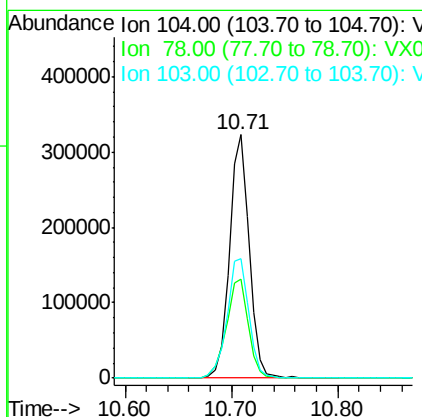
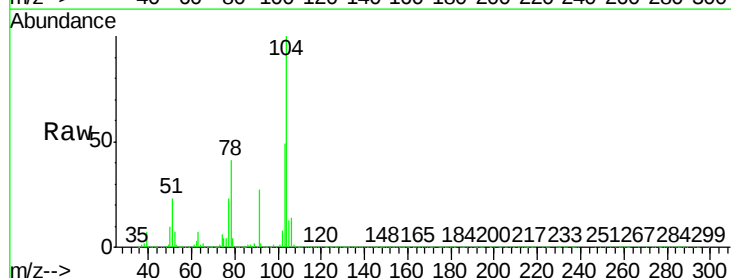
Manual Integrations
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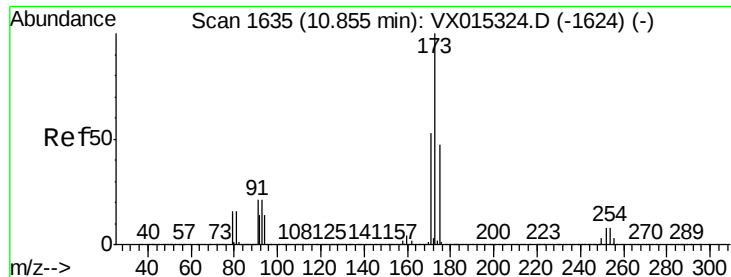
MMDadoda
3/19/2020 12:01:03 PM



#70
Styrene
Concen: 19.197 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.9	36.0	54.0
103	54.5	43.4	65.0





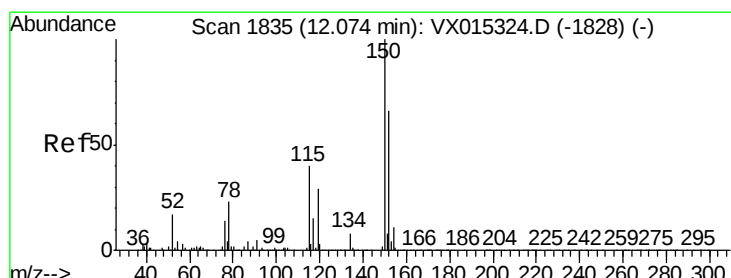
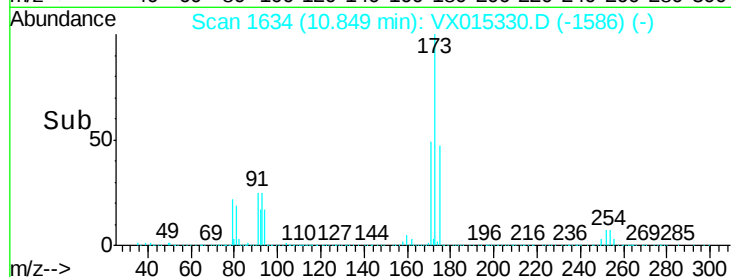
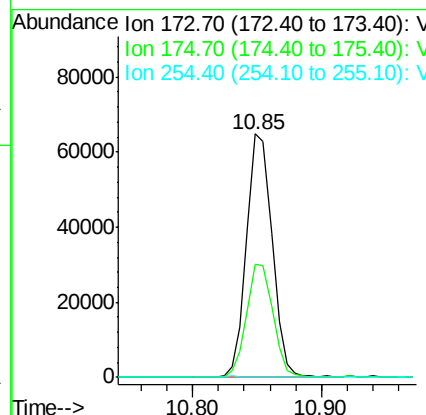
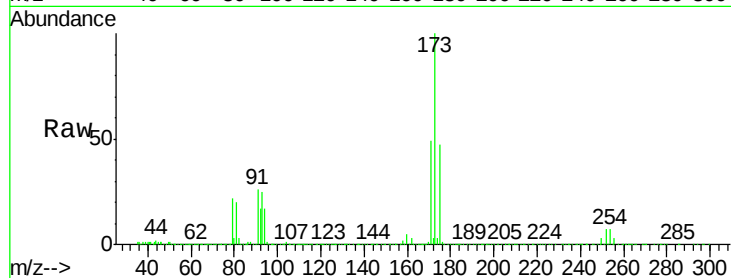
#71
Bromoform
Concen: 18.080 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.4	70.2
254	0.4	0.2	0.2#

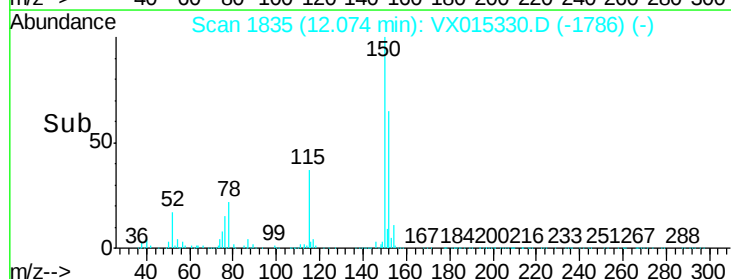
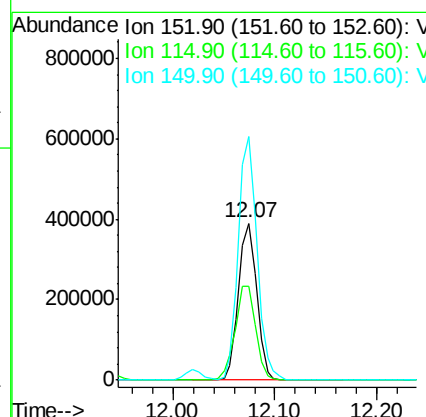
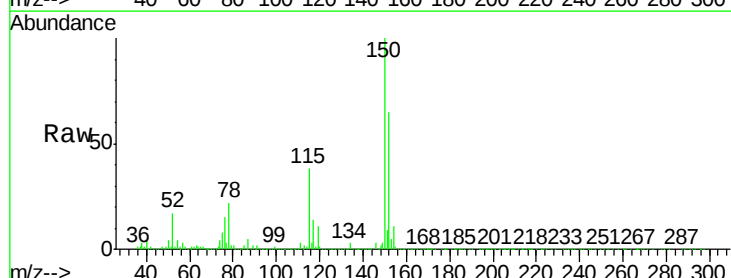
Manual Integrations
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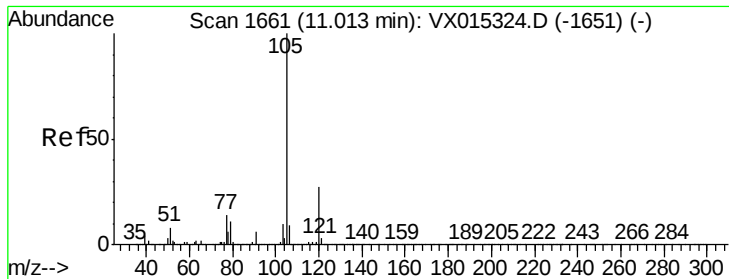
MMDadoda
3/19/2020 12:01:03 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.9	41.9	125.8
150	160.3	0.0	347.6





#73

Isopropylbenzene

Concen: 17.770 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

Tot Ion:105 Resp: 638716

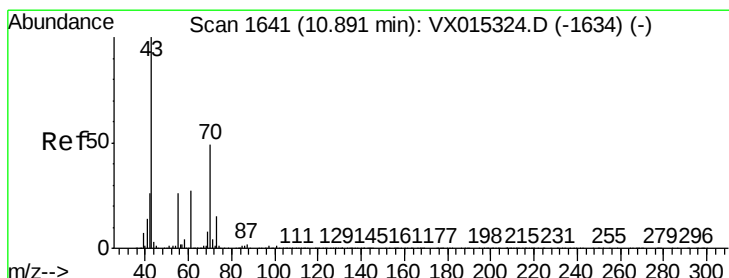
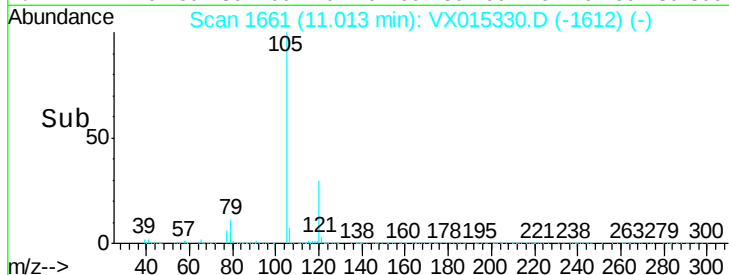
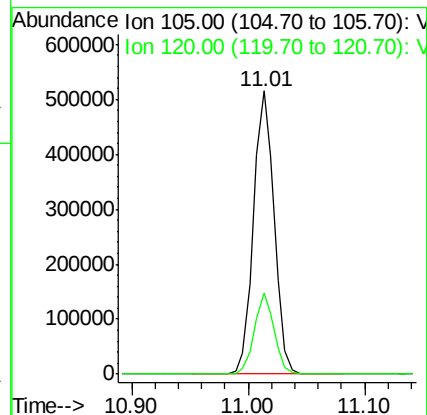
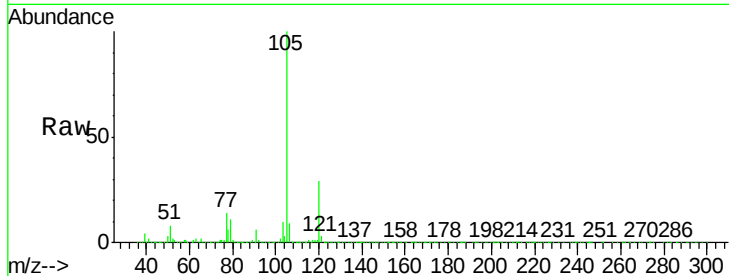
Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 17.998 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion: 43 Resp: 221143

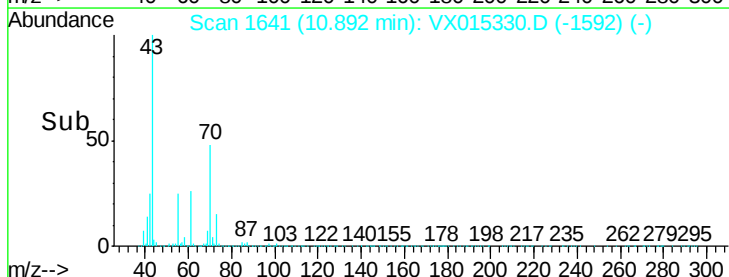
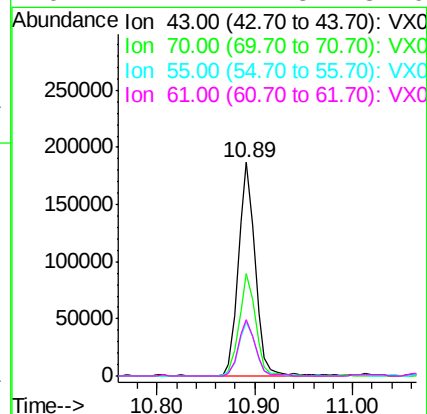
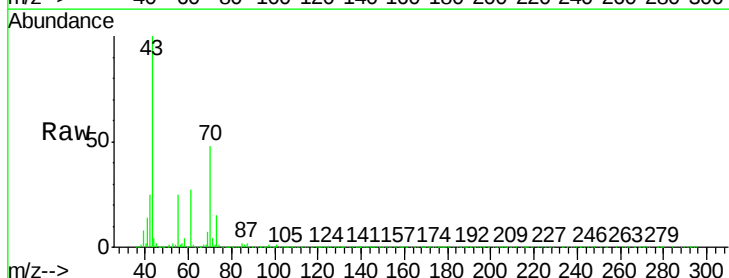
Ion Ratio Lower Upper

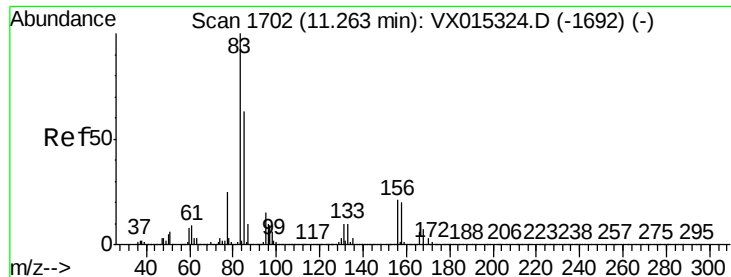
43 100

70 46.7 38.6 58.0

55 25.1 21.2 31.8

61 27.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.437 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

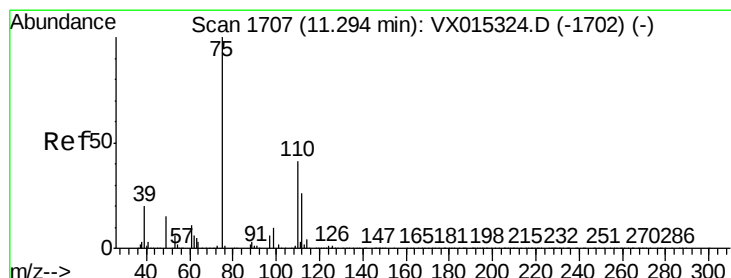
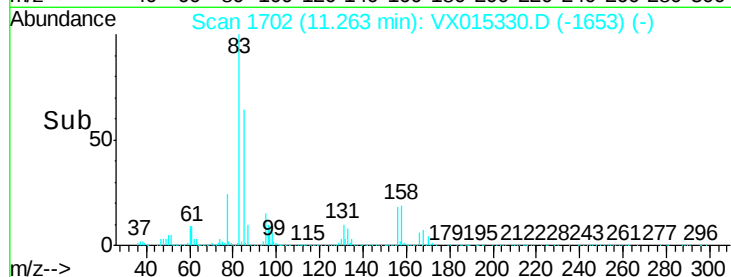
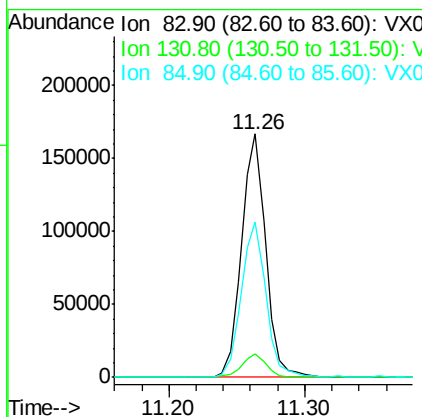
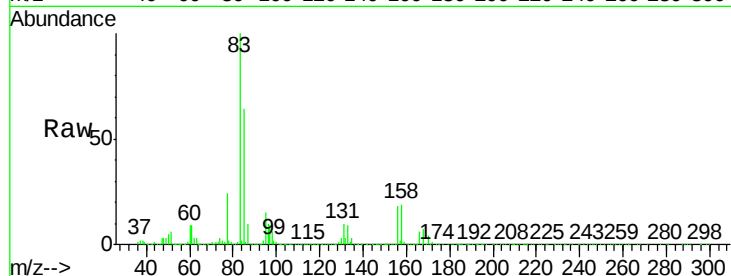
ClientSampleId :

VX0318WBS01

Tot Ion:	83	Resp:	205194
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.2
85	65.2	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.331 ug/l m

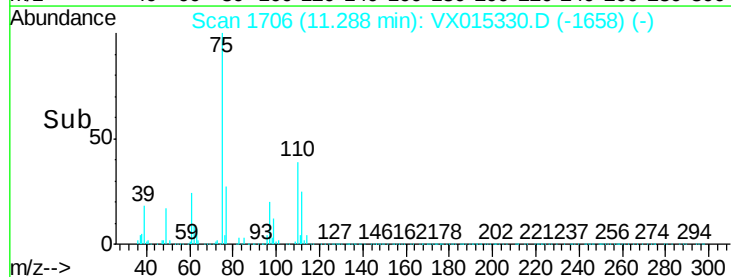
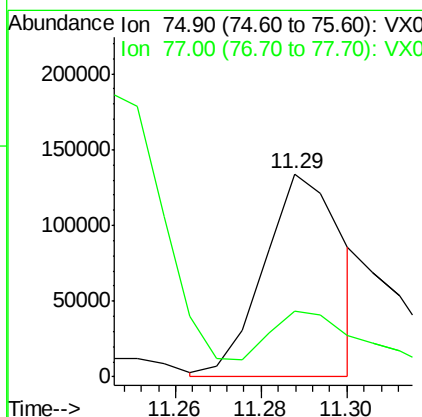
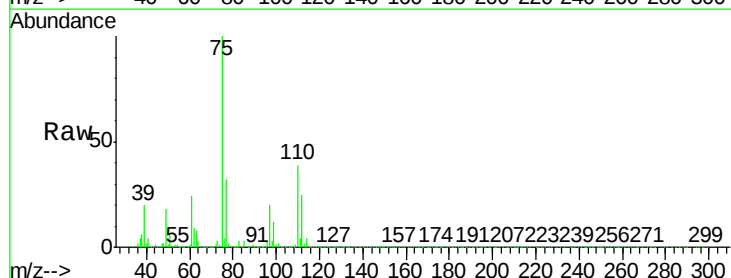
RT: 11.29 min Scan# 1706

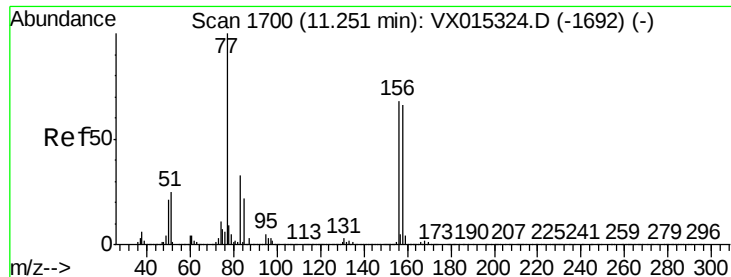
Delta R.T. -0.01 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion:	75	Resp:	169090
Ion Ratio	Lower	Upper	
75	100		
77	41.8	21.2	63.6





#77

Bromobenzene

Concen: 18.091 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

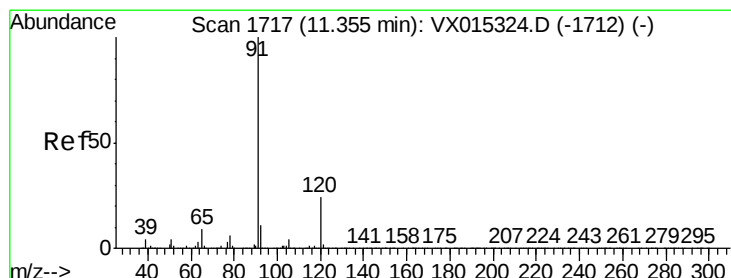
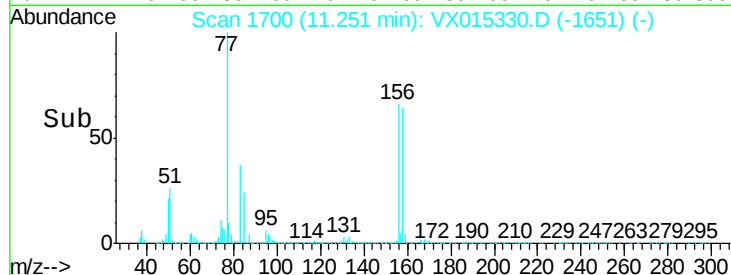
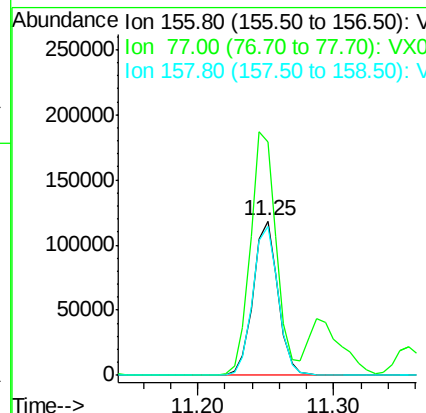
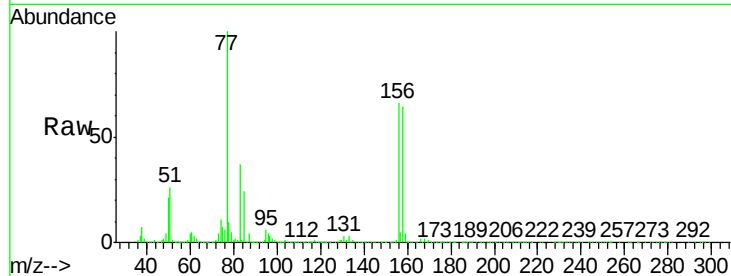
ClientSampleId :

VX0318WBS01

Tot Ion:	156	Resp:	151062
Ion Ratio	Lower	Upper	
156	100		
77	165.5	81.4	244.2
158	98.9	48.6	145.9

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#78

n-propylbenzene

Concen: 18.134 ug/l

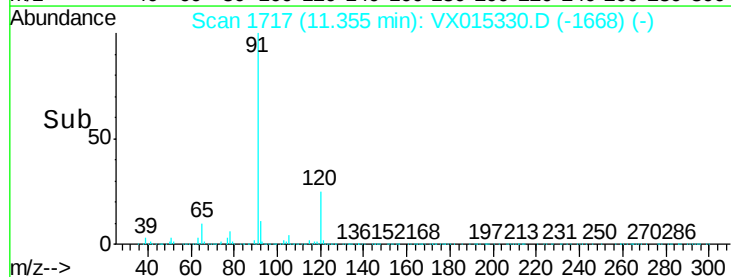
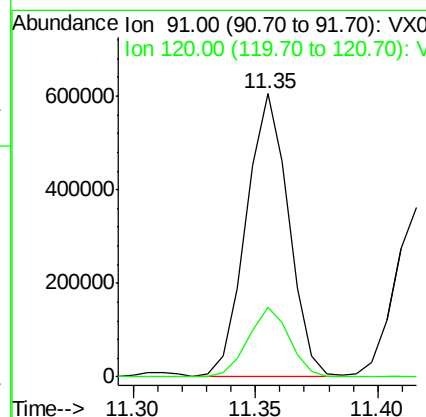
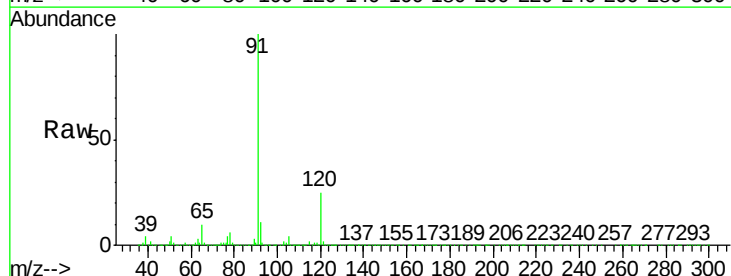
RT: 11.35 min Scan# 1717

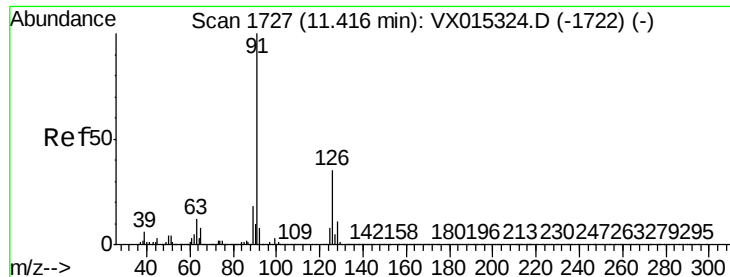
Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion:	91	Resp:	726878
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.8	35.3





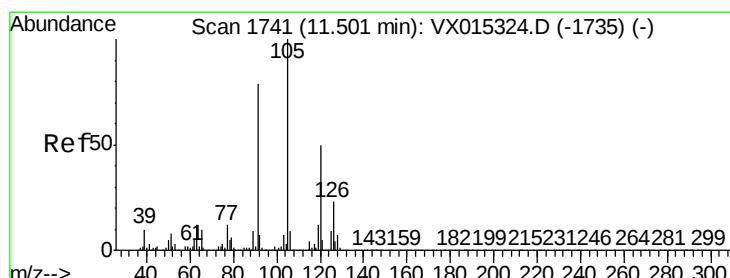
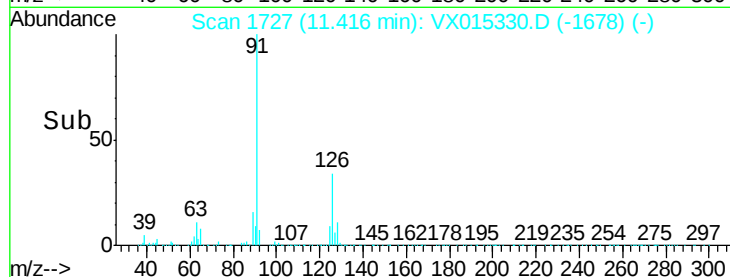
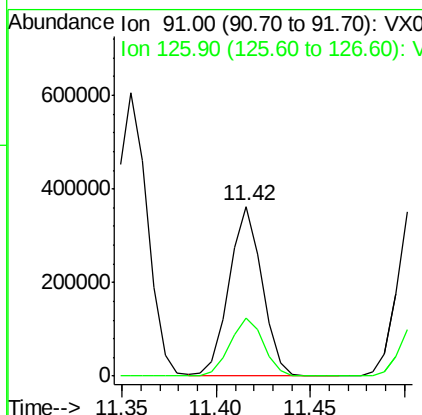
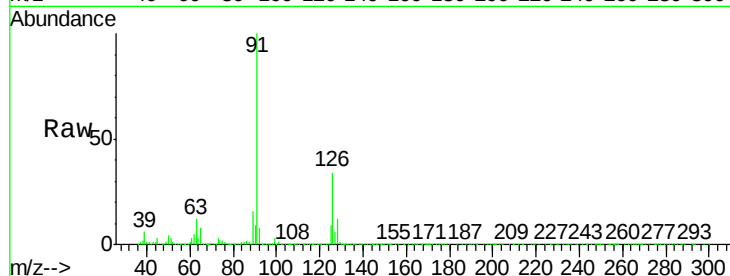
#79
 2-Chlorotoluene
 Concen: 18.249 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.2	51.6

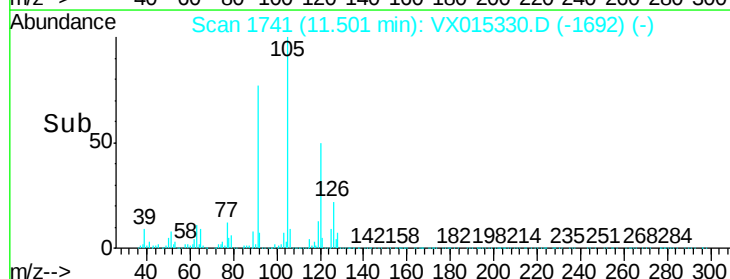
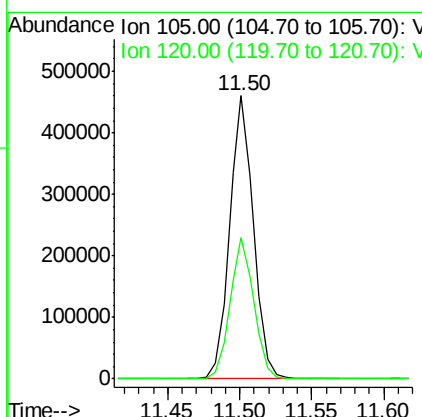
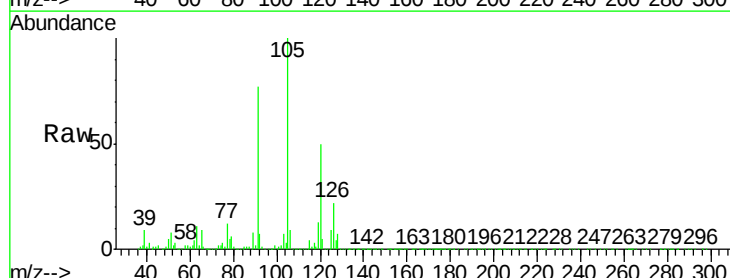
Manual Integrations
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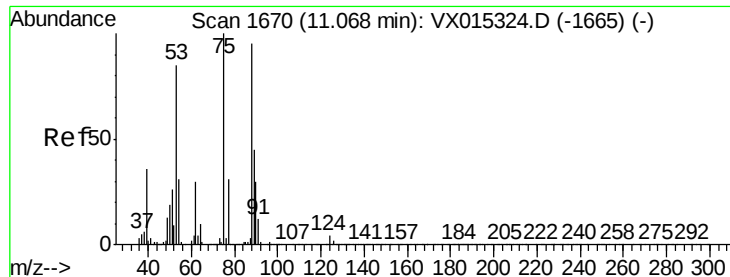
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.542 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015330.D
 Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.650 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

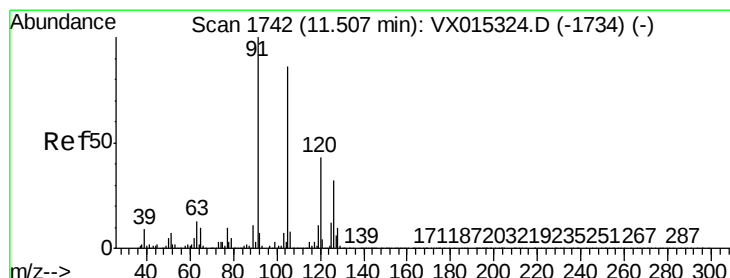
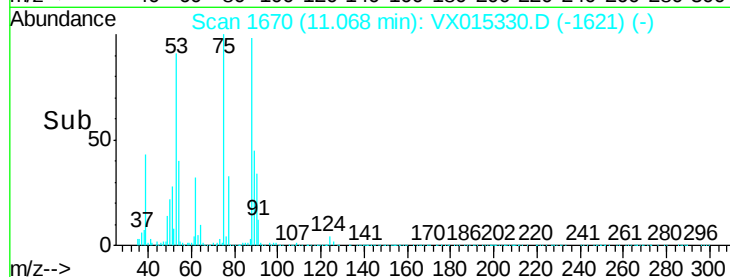
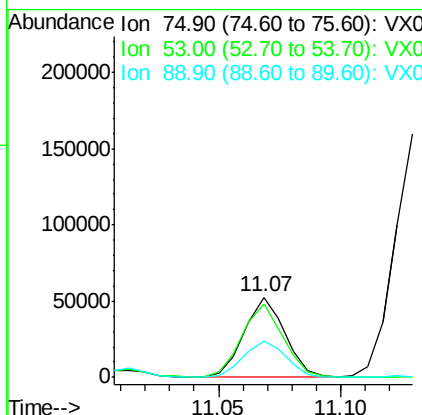
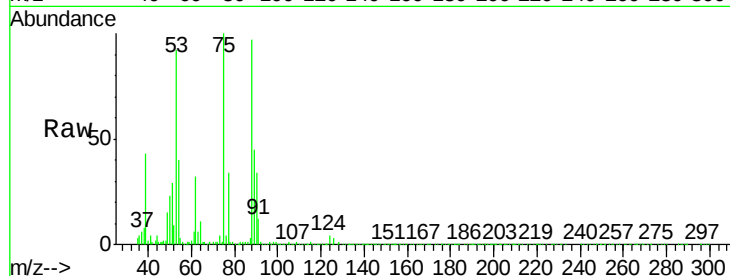
ClientSampleId :

VX0318WBS01

Tot Ion:	75	Resp:	60593
Ion Ratio	Lower	Upper	
75	100		
53	94.6	68.0	102.0
89	47.5	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.388 ug/l

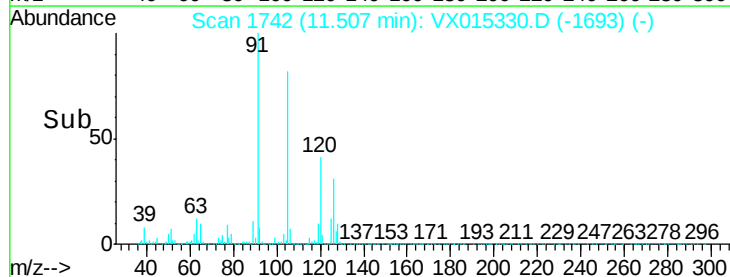
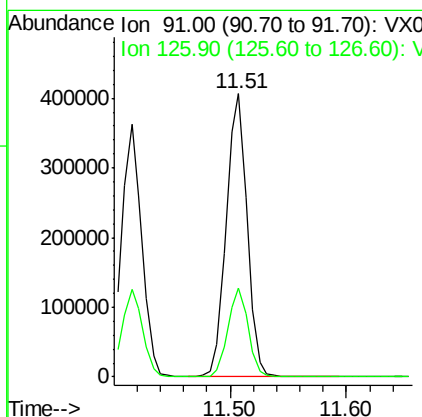
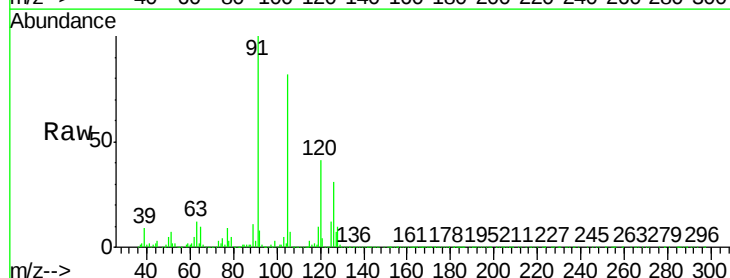
RT: 11.51 min Scan# 1742

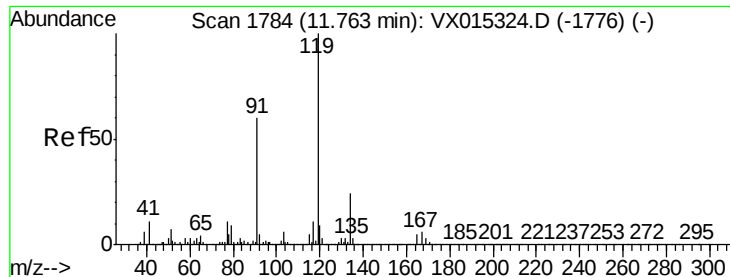
Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion:	91	Resp:	502768
Ion Ratio	Lower	Upper	
91	100		
126	30.6	15.4	46.2





#83

tert-Butylbenzene

Concen: 17.037 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

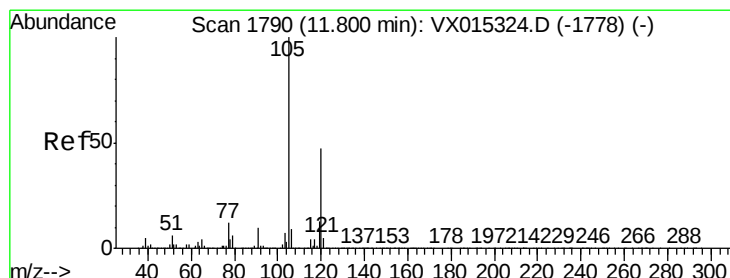
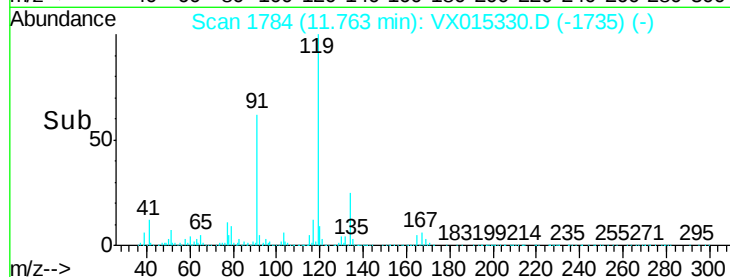
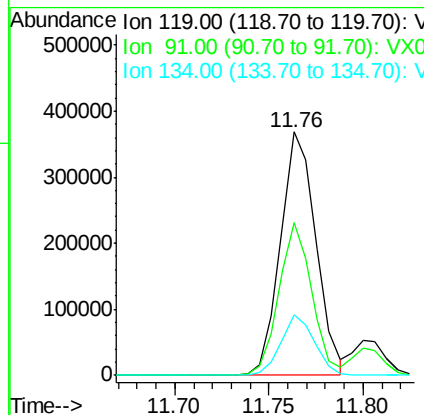
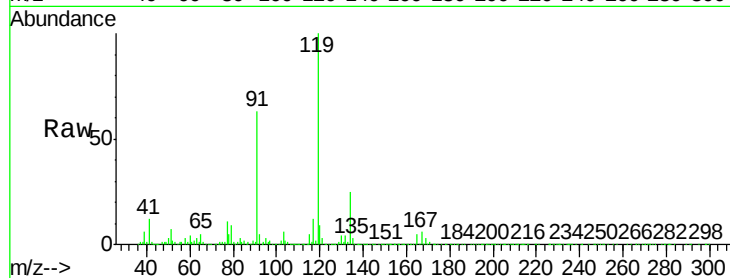
ClientSampleId :

VX0318WBS01

Tot Ion:	119	Resp:	480657
Ion Ratio		Lower	Upper
119	100		
91	58.1	28.1	84.4
134	23.5	11.6	34.8

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#84

1,2,4-Trimethylbenzene

Concen: 17.754 ug/l

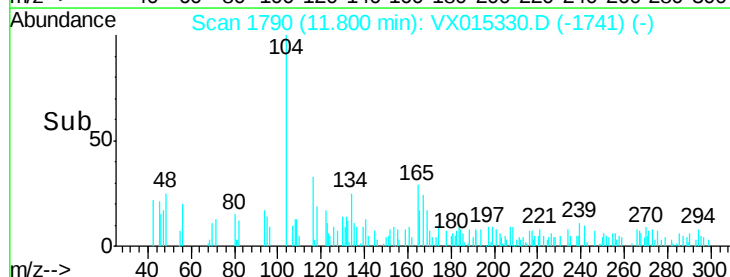
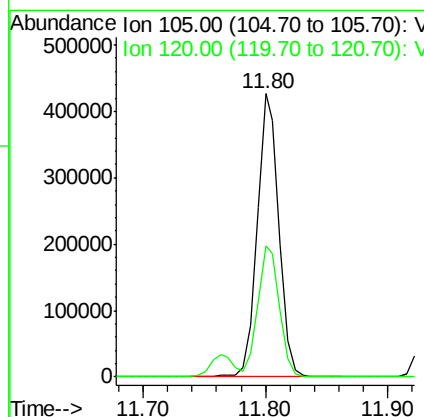
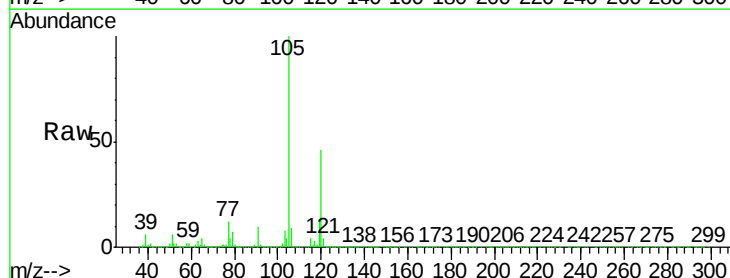
RT: 11.80 min Scan# 1790

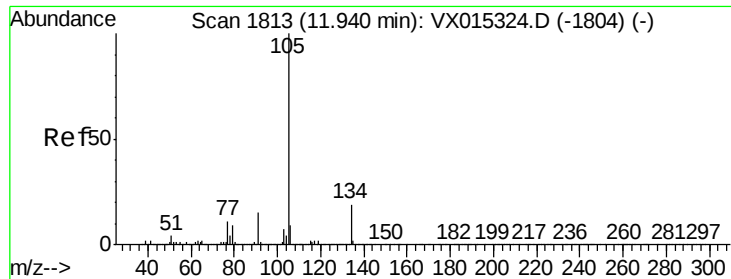
Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion:	105	Resp:	526672
Ion Ratio		Lower	Upper
105	100		
120	46.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 18.263 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

Tot Ion:105 Resp: 624604

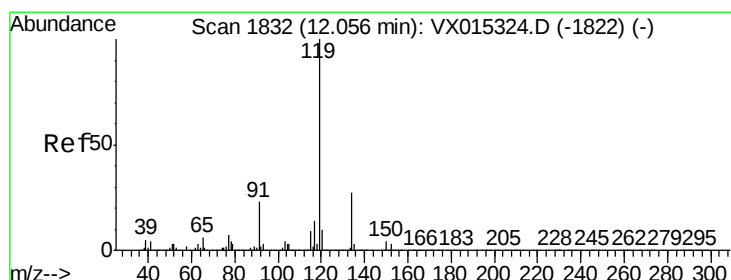
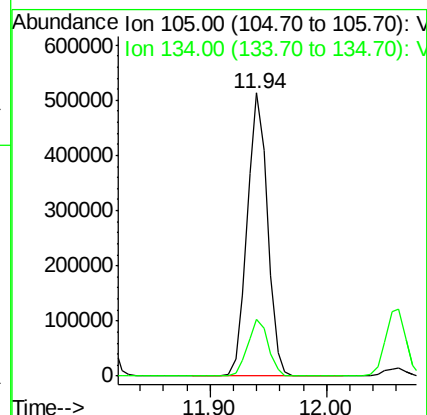
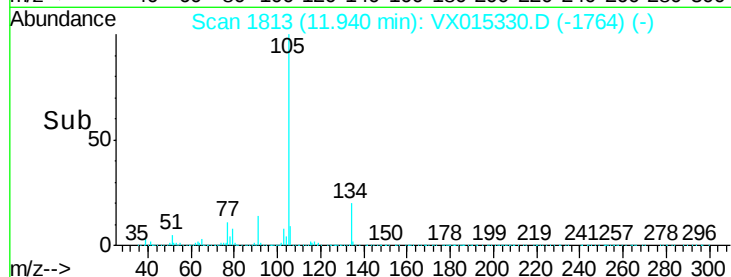
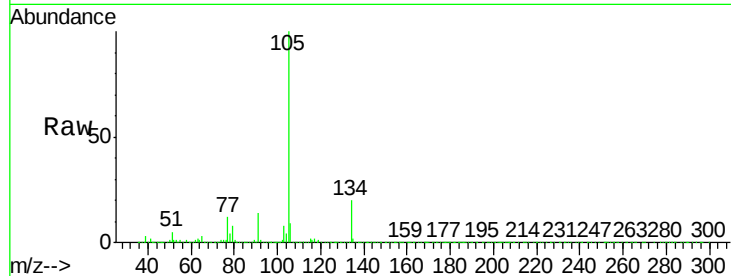
Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 18.540 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

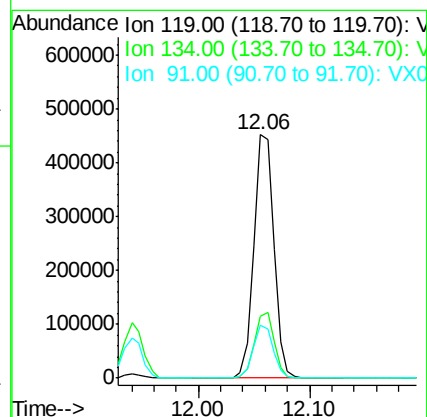
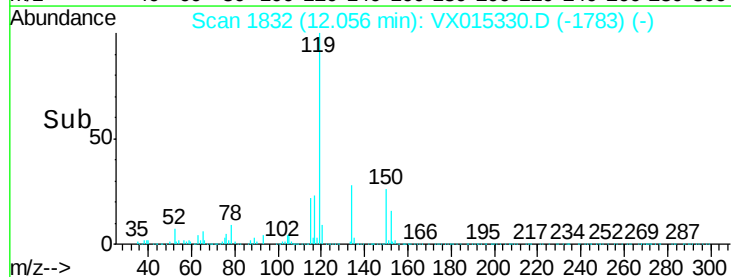
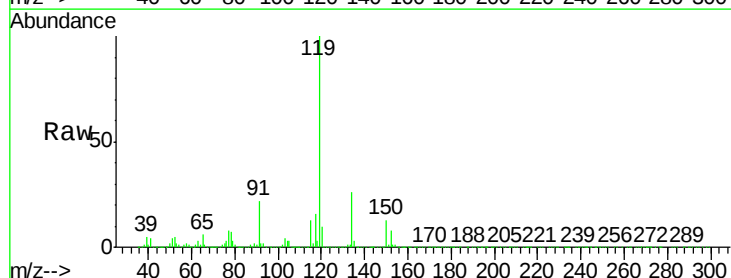
Tgt Ion:119 Resp: 564152

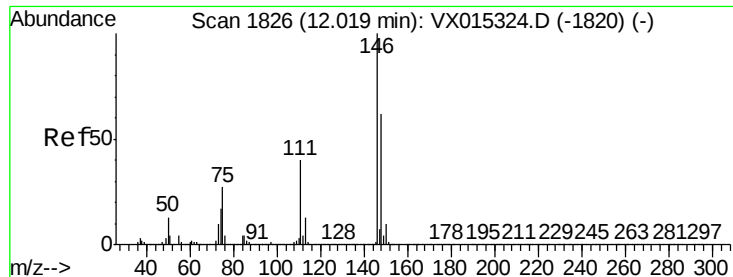
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 18.468 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

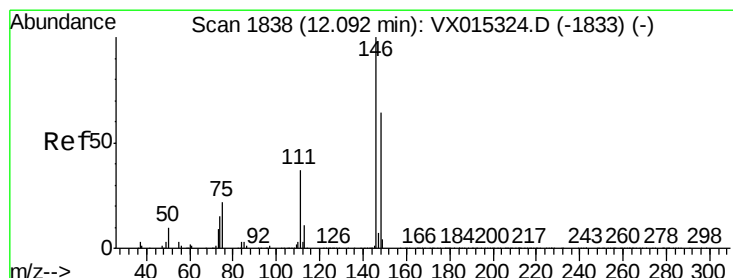
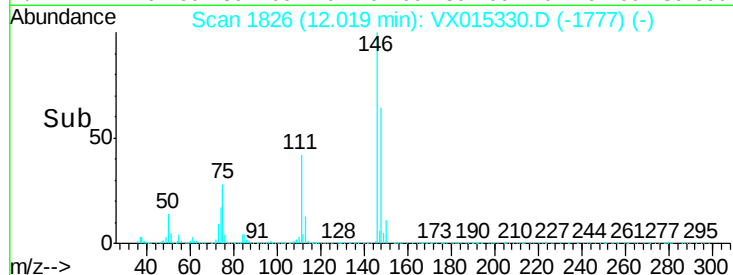
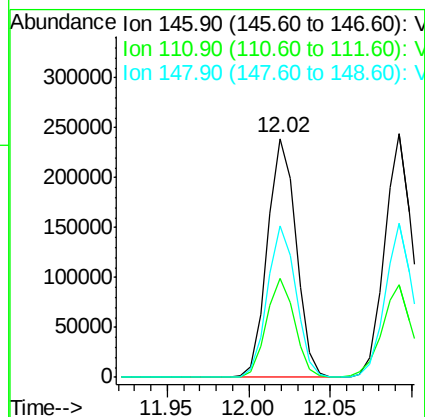
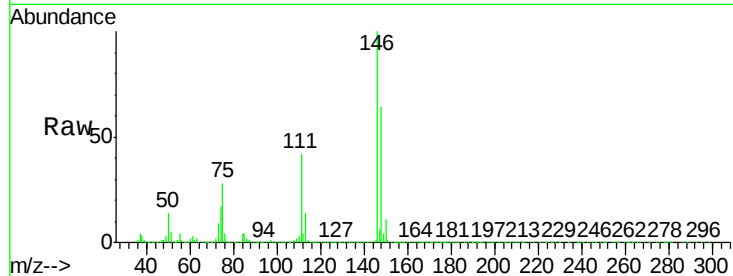
Instrument :
MSVOA_X

ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	40.6	20.3	61.0
148	63.3	31.4	94.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.513 ug/l

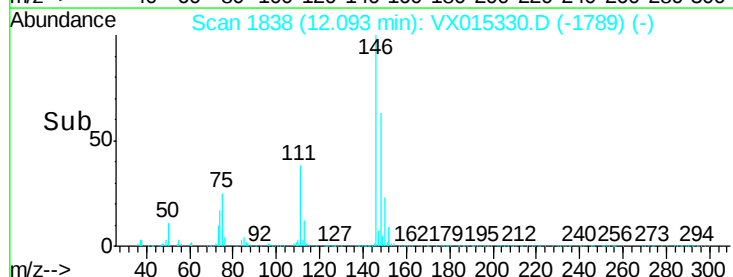
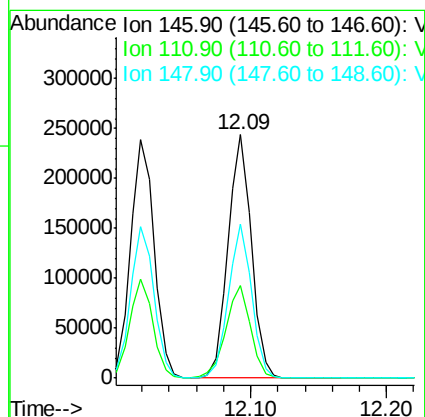
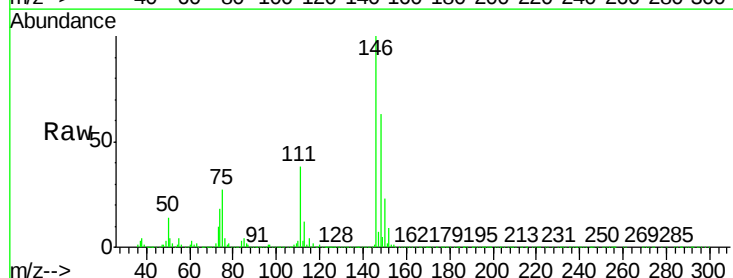
RT: 12.09 min Scan# 1838

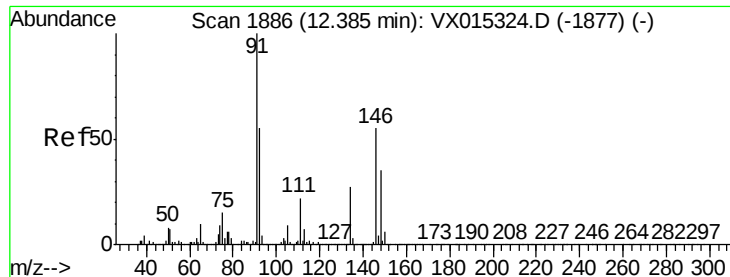
Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	40.1	19.7	59.1
148	62.6	32.0	96.0





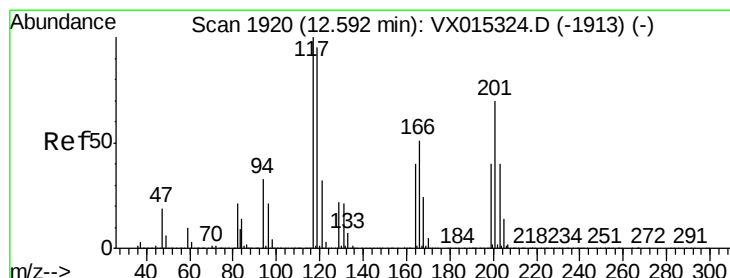
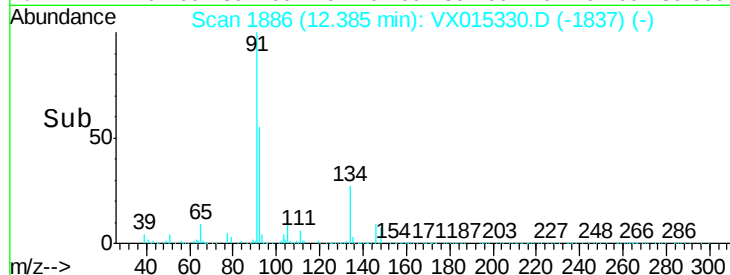
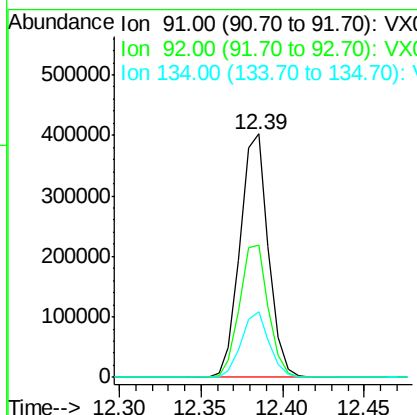
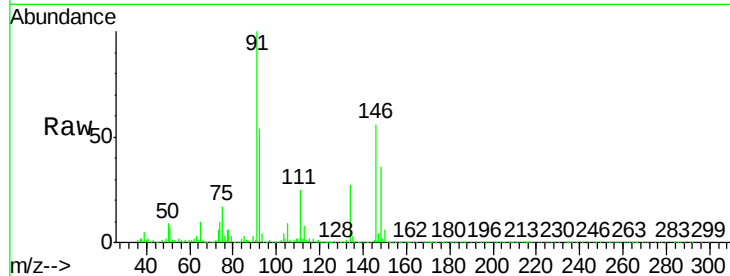
#89
n-Butylbenzene
Concen: 16.966 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	487475		
92	55.2	27.5	82.4	
134	26.4	13.2	39.6	

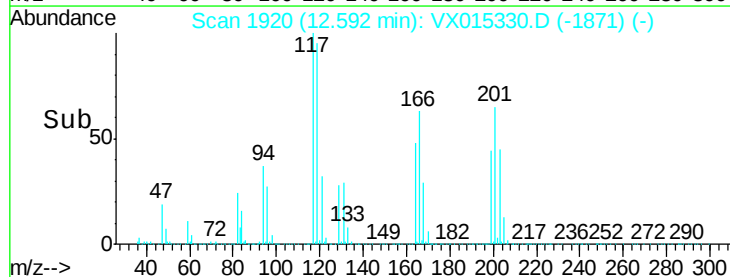
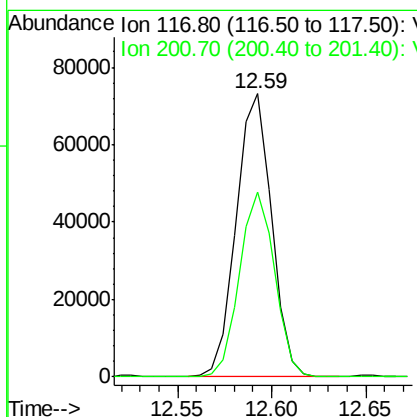
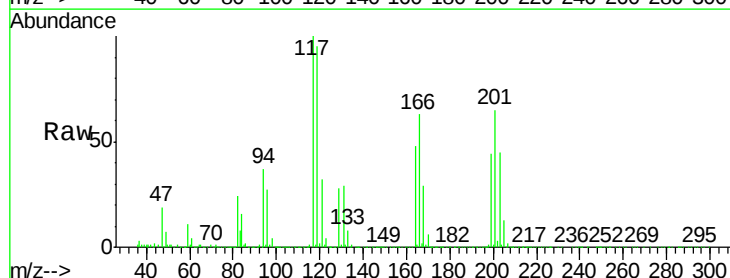
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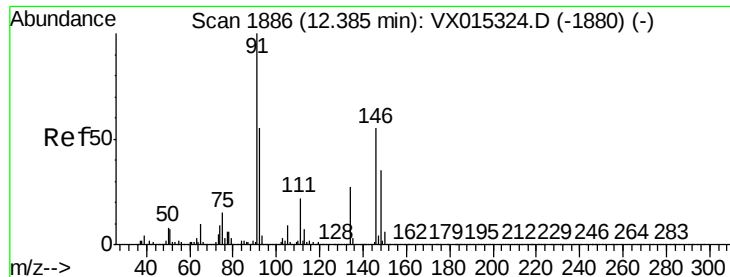
MMDadoda
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#90
Hexachloroethane
Concen: 16.184 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95015		
201	65.0	32.7	98.1	





#91

1,2-Dichlorobenzene

Concen: 17.450 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Instrument :

MSVOA_X

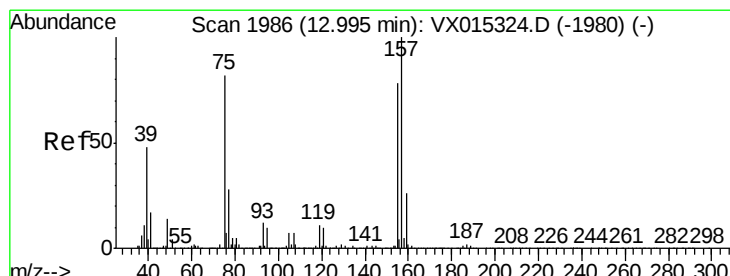
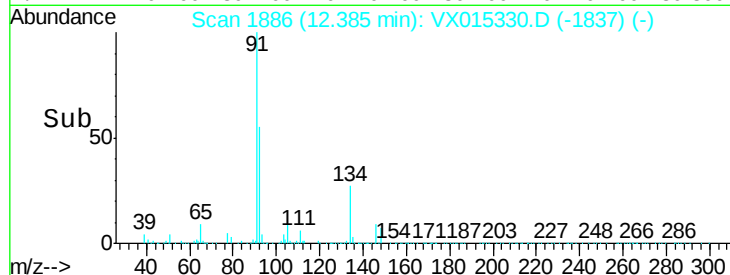
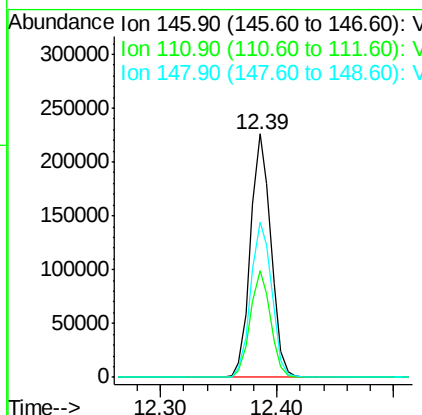
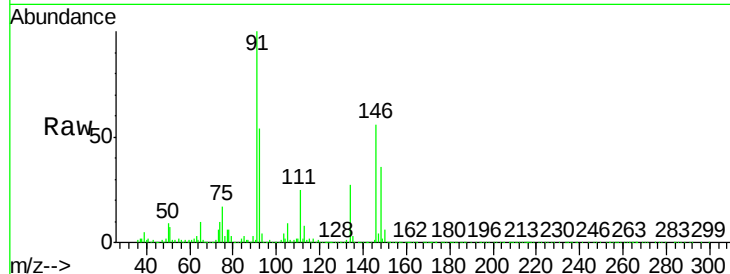
ClientSampleId :

VX0318WBS01

Tot Ion:	146	Resp:	277839
Ion Ratio	Lower	Upper	
146	100		
111	43.8	20.6	61.8
148	65.6	31.6	94.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.359 ug/l

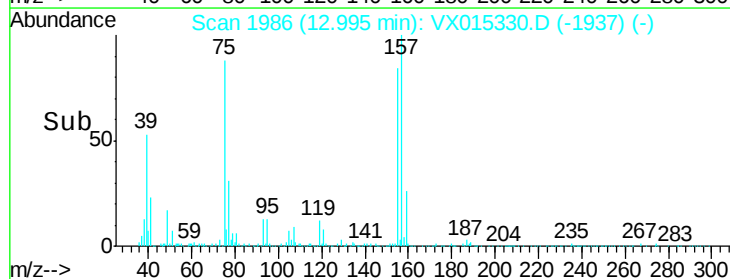
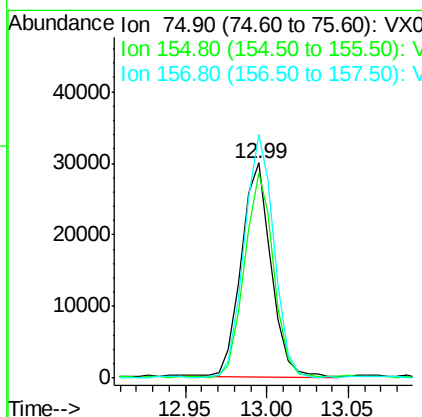
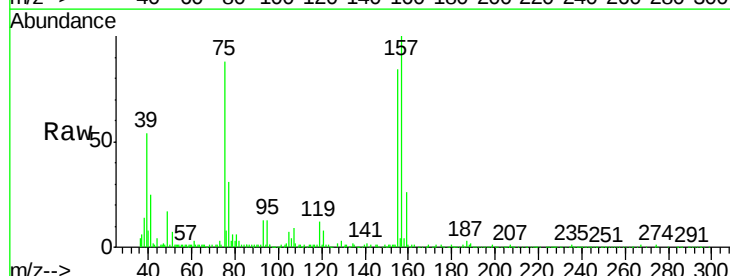
RT: 12.99 min Scan# 1986

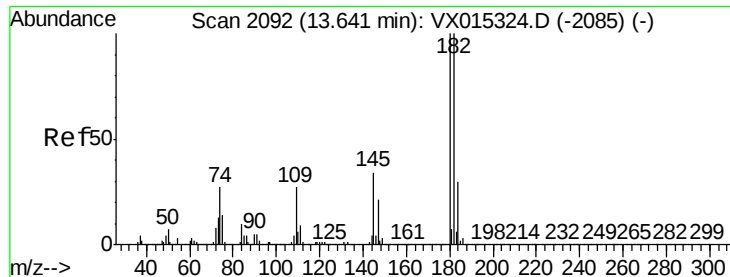
Delta R.T. 0.00 min

Lab File: VX015330.D

Acq: 18 Mar 2020 17:49

Tgt Ion:	75	Resp:	37986
Ion Ratio	Lower	Upper	
75	100		
155	92.4	48.9	146.7
157	114.4	61.1	183.3





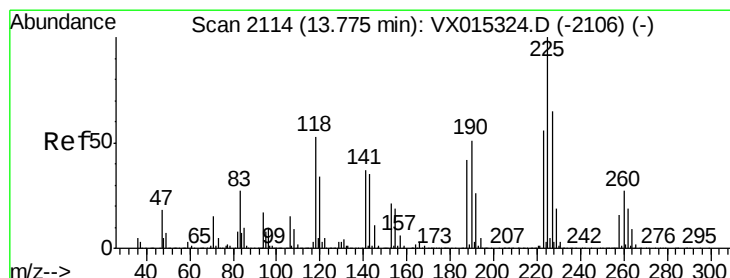
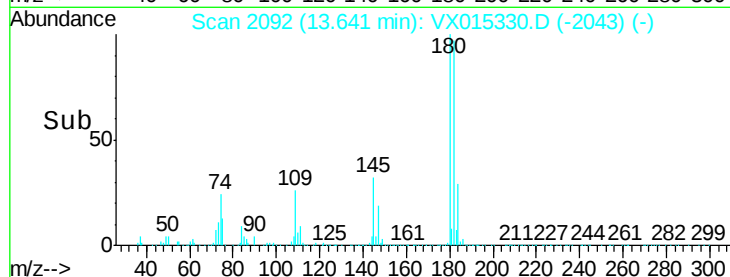
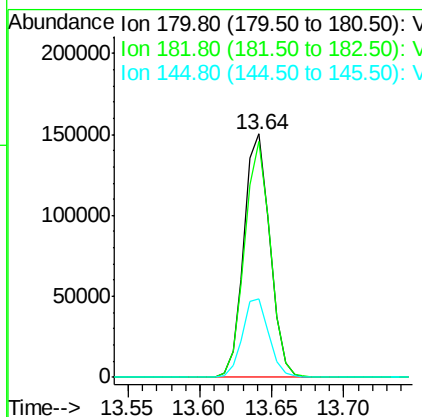
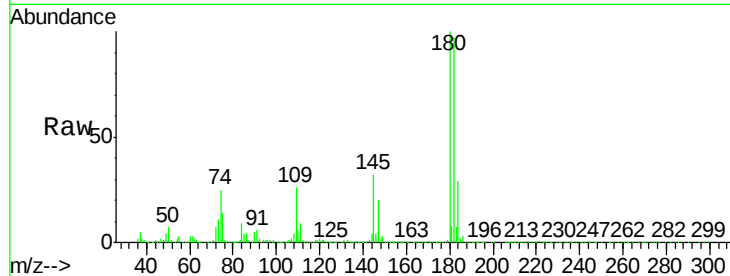
#93
1,2,4-Trichlorobenzene
Concen: 19.713 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	188034		
182	95.2	48.6	145.9	
145	32.7	16.7	50.1	

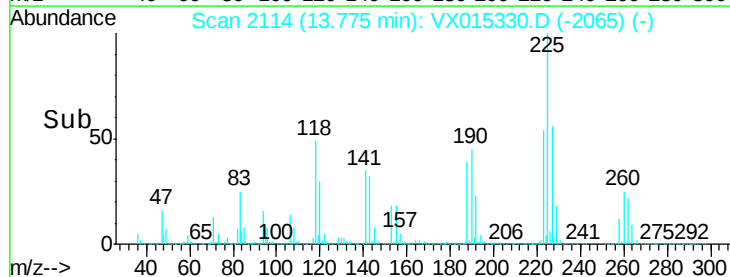
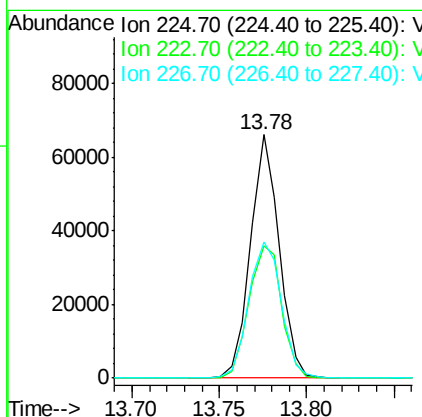
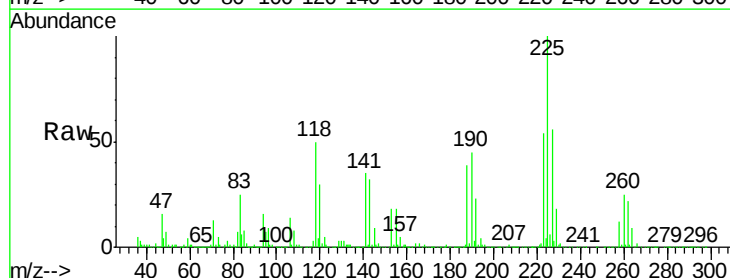
Manual Integrations
APPROVED

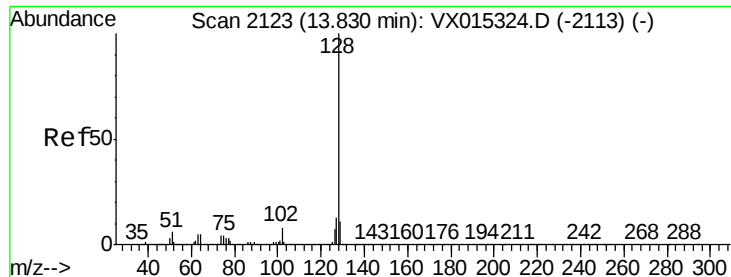
MMDadoda
3/19/2020 12:01:03 PM



#94
Hexachlorobutadiene
Concen: 18.792 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75366		
223	62.0	30.6	91.6	
227	63.8	32.3	96.8	





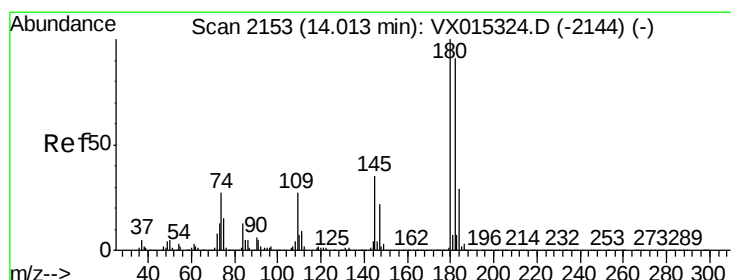
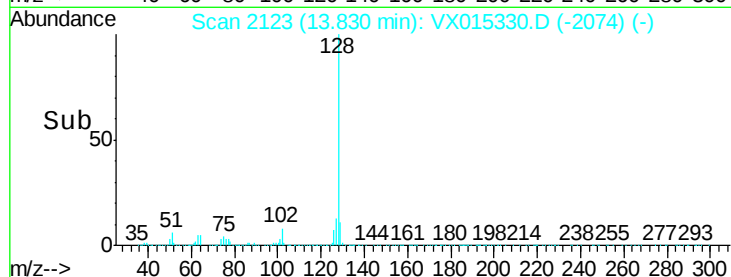
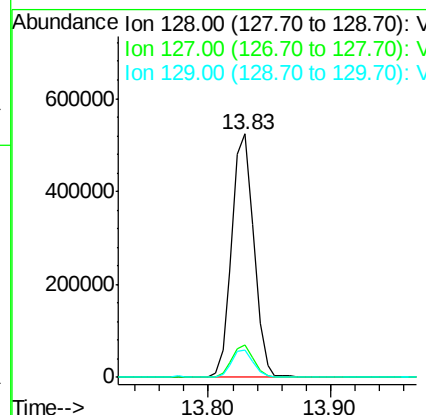
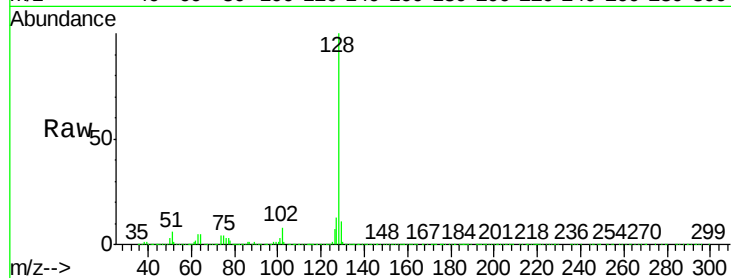
#95
Naphthalene
Concen: 20.695 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/19/2020 12:01:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.448 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015330.D
Acq: 18 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.0	141.0
145	35.3	17.6	52.8

