

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015325.D
 Acq On : 18 Mar 2020 14:09
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 12:00:56 PM

Quant Time: Mar 18 14:43:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	576268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1016588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1026404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	675835	97.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.48%	
35) Dibromofluoromethane	5.49	113	667176	103.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.98%	
50) Toluene-d8	8.71	98	2484201	101.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.36%	
62) 4-Bromofluorobenzene	11.14	95	978912	110.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	587908	112.465	ug/l	99
3) Chloromethane	1.31	50	663732	93.296	ug/l	98
4) Vinyl Chloride	1.40	62	686939	94.930	ug/l	100
5) Bromomethane	1.63	94	193045	47.411	ug/l	96
6) Chloroethane	1.71	64	427210	98.483	ug/l	100
7) Trichlorofluoromethane	1.92	101	891561	102.278	ug/l	99
8) Diethyl Ether	2.18	74	372022	95.831	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	662604	119.849	ug/l	94
10) Methyl Iodide	2.50	142	864887	140.854	ug/l	96
11) Tert butyl alcohol	3.04	59	703368	572.118	ug/l	100
12) 1,1-Dichloroethene	2.36	96	701040	122.419	ug/l	96
13) Acrolein	2.28	56	670583	586.513	ug/l	99
14) Allyl chloride	2.72	41	1088507	110.276	ug/l	96
15) Acrylonitrile	3.13	53	1817643	592.772	ug/l	100
16) Acetone	2.44	43	1350999	491.840	ug/l	98
17) Carbon Disulfide	2.56	76	1973736	123.672	ug/l	100
18) Methyl Acetate	2.76	43	733194	106.405	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	2091677	115.569	ug/l	99
20) Methylene Chloride	2.84	84	783236	115.572	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	772486	122.445	ug/l	97
22) Diisopropyl ether	3.84	45	2170180	109.326	ug/l	98
23) Vinyl Acetate	3.80	43	8963152	552.259	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1241778	111.551	ug/l	99
25) 2-Butanone	4.66	43	2294585	559.225	ug/l	100
26) 2,2-Dichloropropane	4.57	77	992238	113.199	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	865926	123.729	ug/l	99
28) Bromochloromethane	5.00	49	536865	107.897	ug/l	98
29) Tetrahydrofuran	5.11	42	1508623	564.784	ug/l	99
30) Chloroform	5.20	83	1243290	113.945	ug/l	97
31) Cyclohexane	5.58	56	1068675	107.391	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	1068586	117.504	ug/l	99
36) 1,1-Dichloropropene	5.79	75	943819	99.985	ug/l	99
37) Ethyl Acetate	4.82	43	908488	105.489	ug/l	100
38) Carbon Tetrachloride	5.78	117	920355	102.996	ug/l	97

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1184152	106.820	ug/l	99
40) Benzene	6.14	78	2816550	100.117	ug/l	99
41) Methacrylonitrile	5.03	41	505894	98.227	ug/l	95
42) 1,2-Dichloroethane	6.18	62	849666	89.955	ug/l	100
43) Isopropyl Acetate	6.43	43	1392780	92.671	ug/l	100
44) Trichloroethene	7.20	130	750047	96.561	ug/l	99
45) 1,2-Dichloropropane	7.51	63	723666	100.390	ug/l	100
46) Dibromomethane	7.65	93	485884	102.598	ug/l	99
47) Bromodichloromethane	7.89	83	969710	104.041	ug/l	99
48) Methyl methacrylate	7.76	41	726513	94.900	ug/l	100
49) 1,4-Dioxane	7.73	88	366641	2140.506	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	4307725	482.663	ug/l	99
52) Toluene	8.78	92	1821881	105.905	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1096794	111.243	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	1171842	104.423	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	763263	107.535	ug/l	97
56) Ethyl methacrylate	9.17	69	1166631	116.599	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1254624	105.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2803613	515.577	ug/l	99
59) 2-Hexanone	9.49	43	3437457	520.557	ug/l	100
60) Dibromochloromethane	9.57	129	825848	111.503	ug/l	100
61) 1,2-Dibromoethane	9.67	107	818027	109.195	ug/l	100
64) Tetrachloroethene	9.33	164	700018	84.197	ug/l	98
65) Chlorobenzene	10.14	112	2092046	100.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	750540	96.507	ug/l	99
67) Ethyl Benzene	10.25	91	3637953	103.093	ug/l	100
68) m/p-Xylenes	10.35	106	2804442	208.397	ug/l	99
69) o-Xylene	10.70	106	1373395	106.563	ug/l	100
70) Styrene	10.71	104	2403909	108.800	ug/l	100
71) Bromoform	10.85	173	548501	92.548	ug/l #	97
73) Isopropylbenzene	11.01	105	3570971	114.035	ug/l	99
74) N-amyl acetate	10.89	43	1383106	108.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1109445	106.766	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	897220m	95.208	ug/l	
77) Bromobenzene	11.25	156	831047	96.791	ug/l	97
78) n-propylbenzene	11.35	91	3986270	112.261	ug/l	100
79) 2-Chlorotoluene	11.42	91	2313908	108.767	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2878642	111.069	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	401857	116.994	ug/l	98
82) 4-Chlorotoluene	11.51	91	2735557	108.947	ug/l	99
83) tert-Butylbenzene	11.76	119	2850402	113.476	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	3011001	114.663	ug/l	100
85) sec-Butylbenzene	11.94	105	3438578	112.454	ug/l	100
86) p-Isopropyltoluene	12.06	119	3136067	111.984	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1511782	99.148	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1595601	101.620	ug/l	99
89) n-Butylbenzene	12.39	91	2986164	119.512	ug/l	99
90) Hexachloroethane	12.59	117	595507	112.477	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	1568437	102.894	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	222859	108.339	ug/l	92

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ClientSampleId :
VSTDICC100

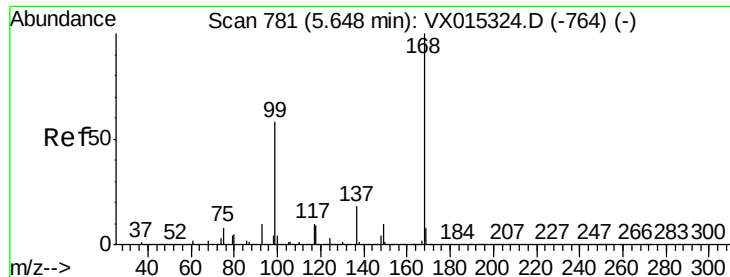
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	985948	96.287	ug/l	97
94) Hexachlorobutadiene	13.78	225	381703	74.920	ug/l	99
95) Naphthalene	13.83	128	3596895	123.680	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	998537	97.927	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion:168 Resp: 576268

Ion Ratio Lower Upper

168 100

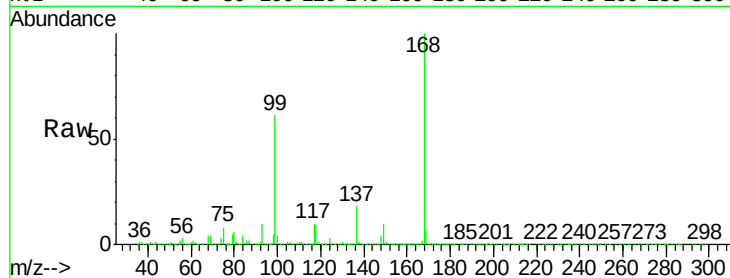
99 60.3 47.0 70.6

Manual Integrations

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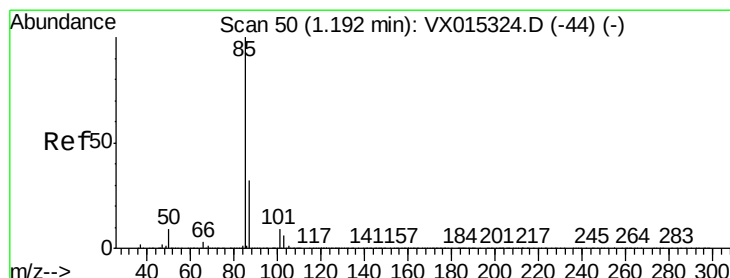
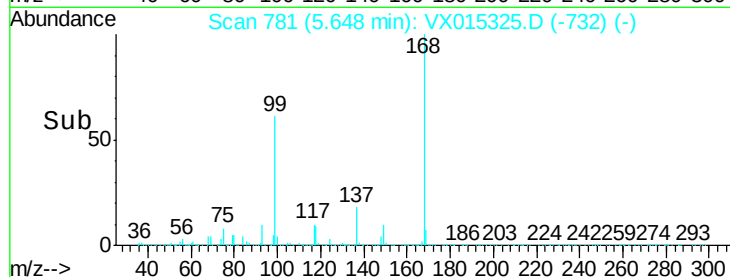
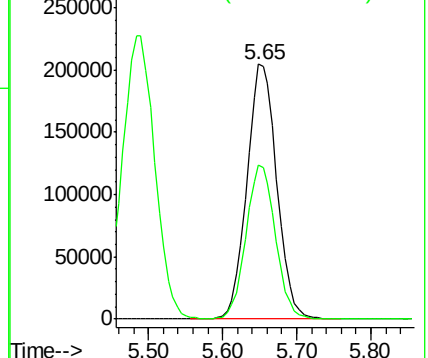
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 112.465 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015325.D

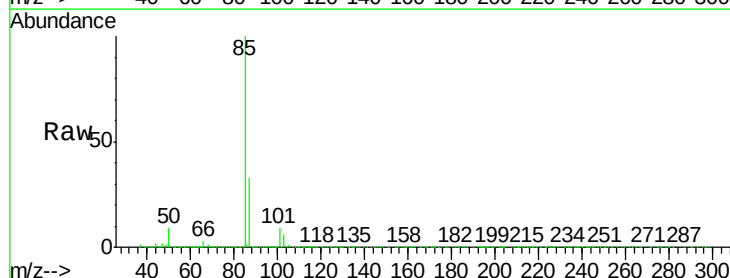
Acq: 18 Mar 2020 14:09

Tgt Ion: 85 Resp: 587908

Ion Ratio Lower Upper

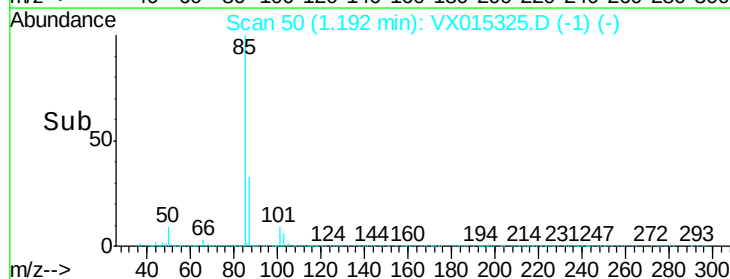
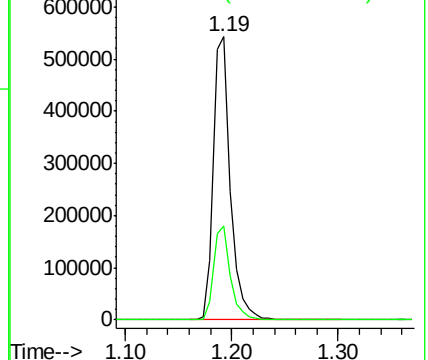
85 100

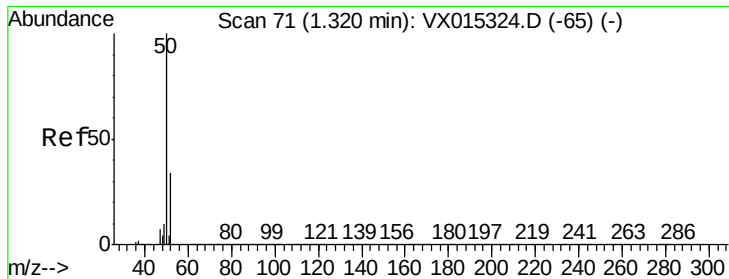
87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 93.296 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 663732

Ion Ratio Lower Upper

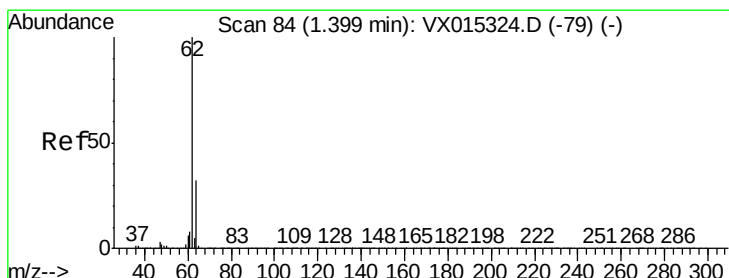
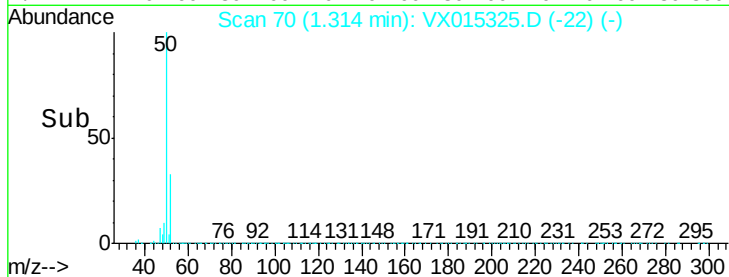
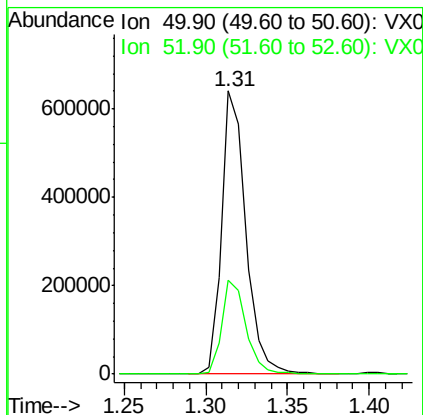
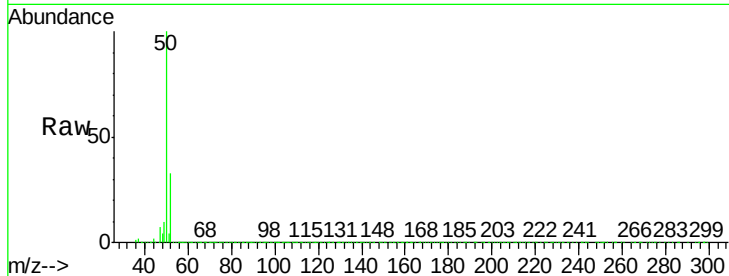
50 100

52 33.0 27.4 41.0

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#4

Vinyl Chloride

Concen: 94.930 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015325.D

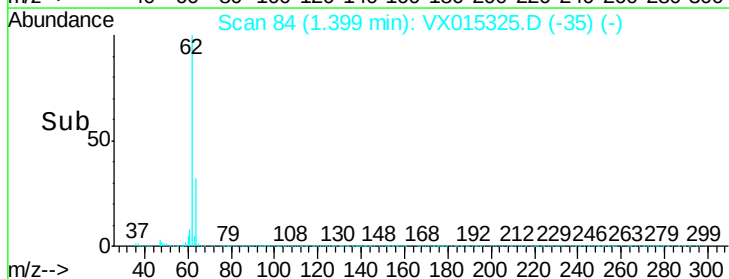
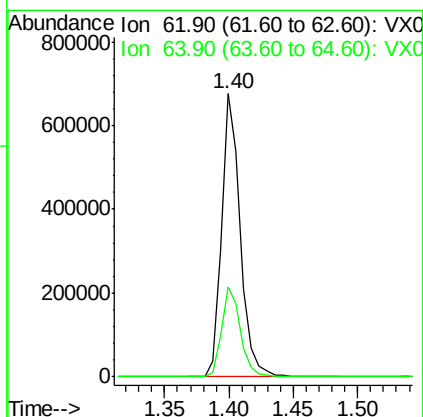
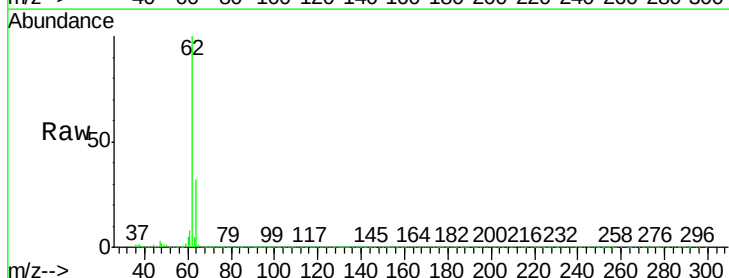
Acq: 18 Mar 2020 14:09

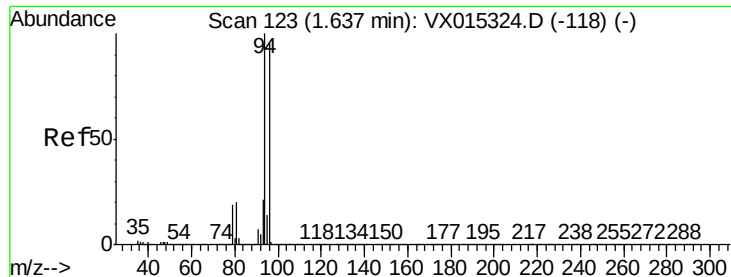
Tgt Ion: 62 Resp: 686939

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 47.411 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 193045

Ion Ratio Lower Upper

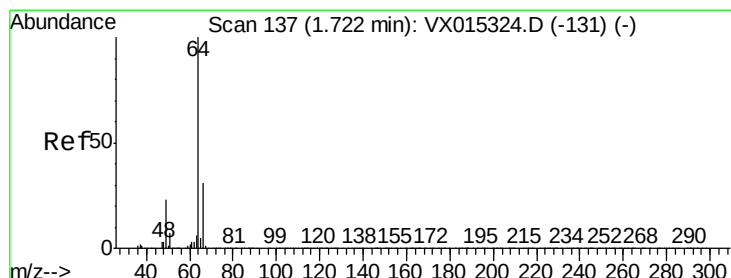
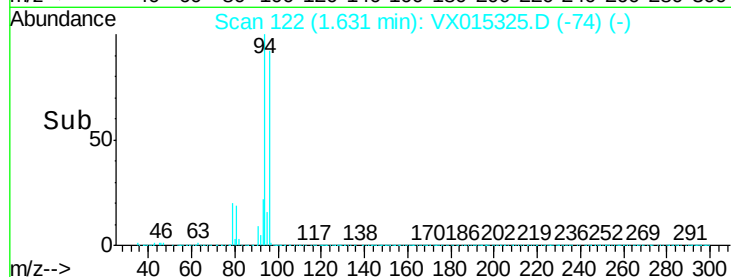
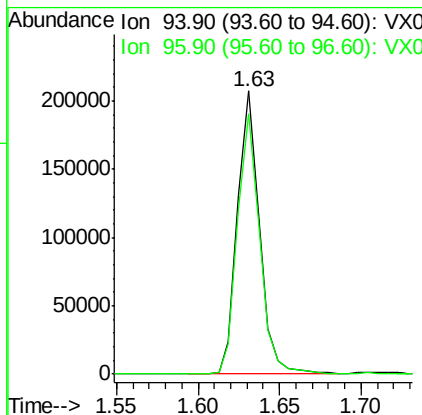
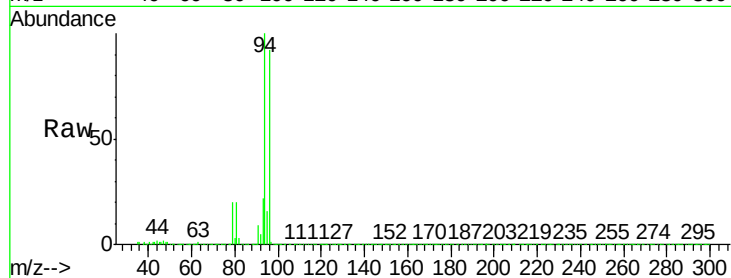
94 100

96 91.9 76.5 114.7

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#6

Chloroethane

Concen: 98.483 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX015325.D

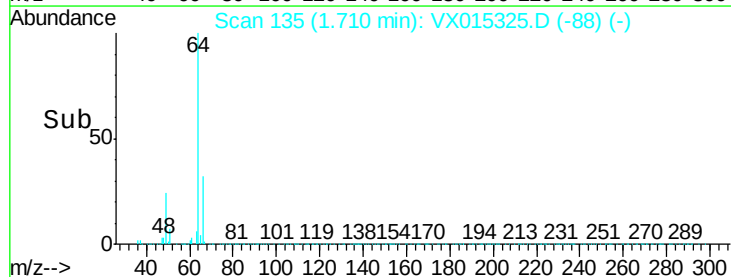
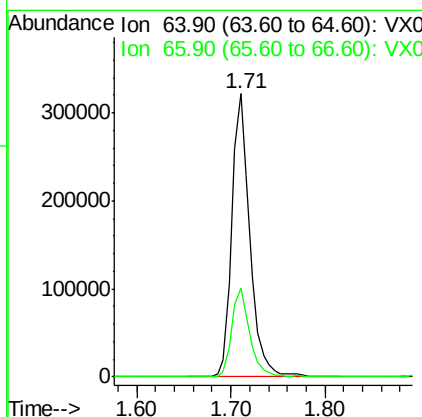
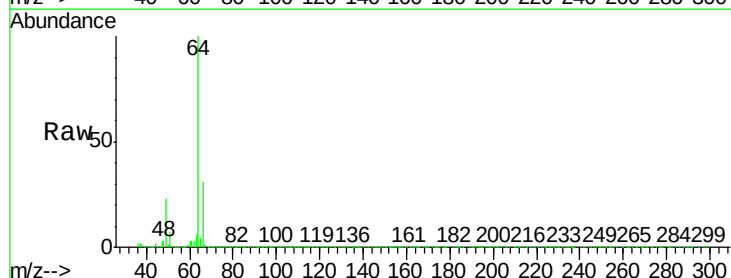
Acq: 18 Mar 2020 14:09

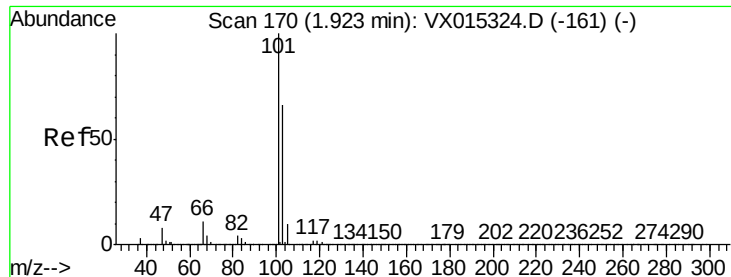
Tgt Ion: 64 Resp: 427210

Ion Ratio Lower Upper

64 100

66 31.2 24.8 37.2





#7

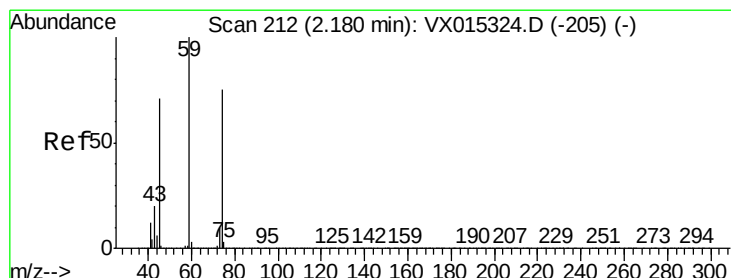
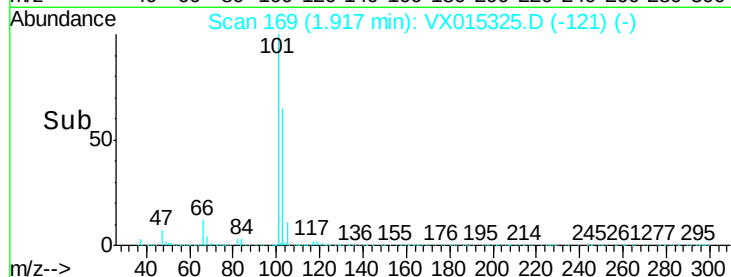
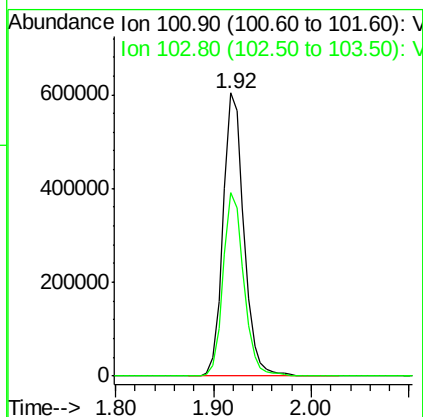
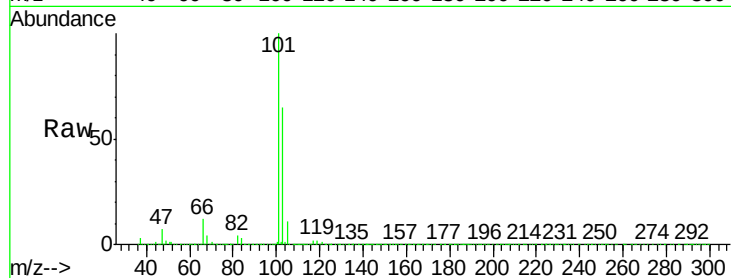
Trichlorofluoromethane
Concen: 102.278 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	79.0

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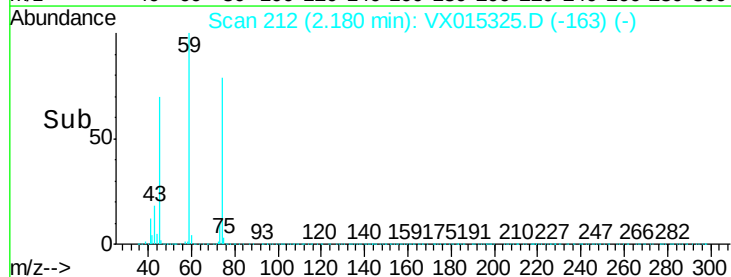
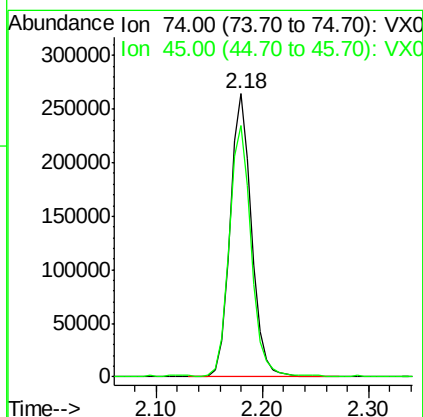
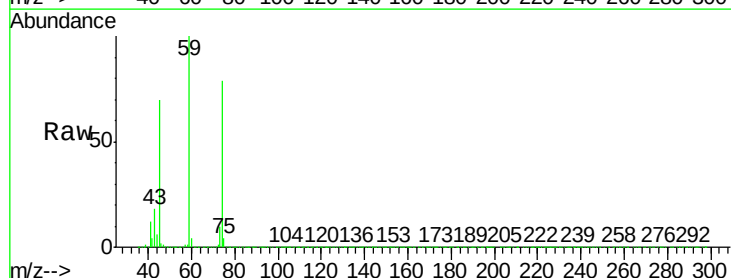
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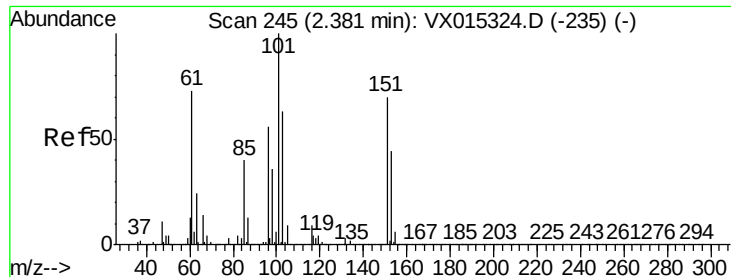


#8

Diethyl Ether
Concen: 95.831 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	46.5	139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 119.849 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

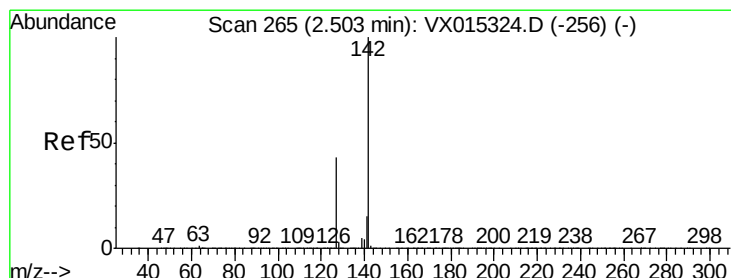
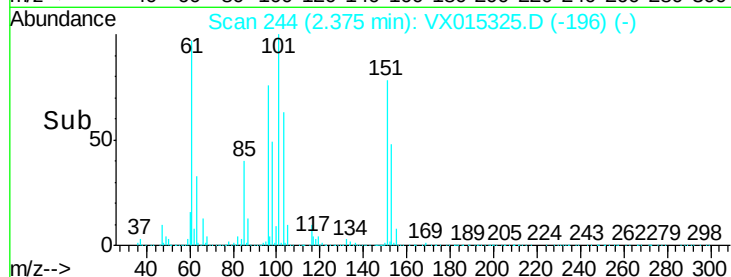
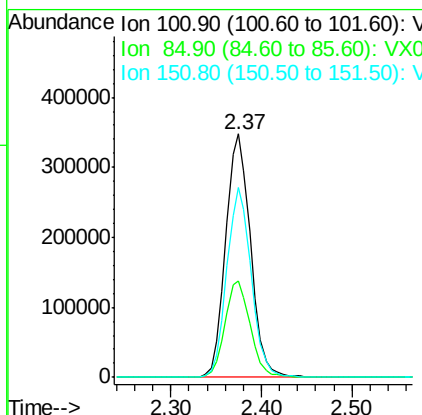
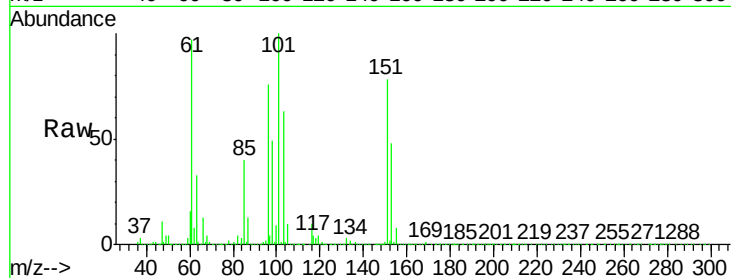
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	662604
Ion Ratio	Lower	Upper	
101	100		
85	40.0	32.2	48.4
151	76.5	55.0	82.6

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#10

Methyl Iodide

Concen: 140.854 ug/l

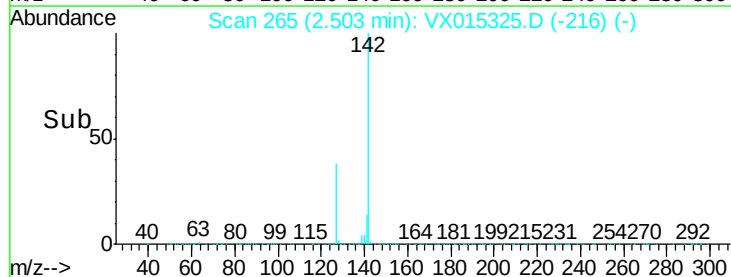
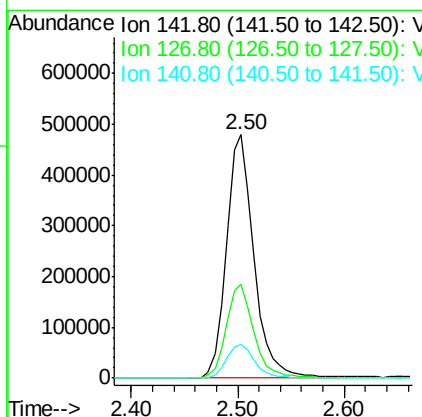
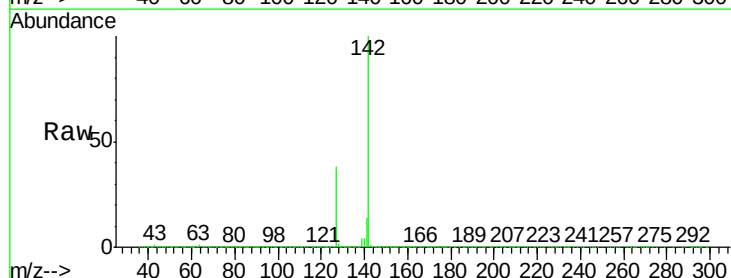
RT: 2.50 min Scan# 265

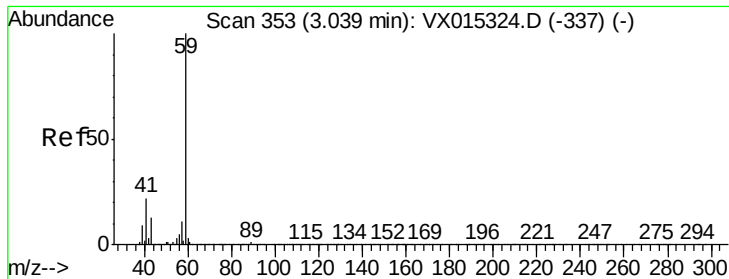
Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tgt Ion:	142	Resp:	864887
Ion Ratio	Lower	Upper	
142	100		
127	38.5	33.6	50.4
141	14.2	11.9	17.9





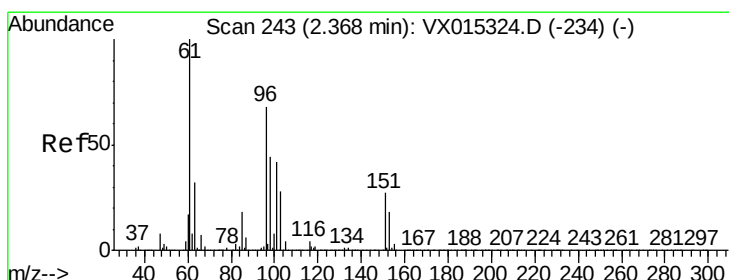
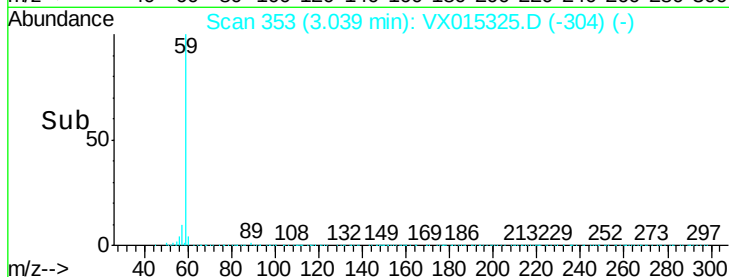
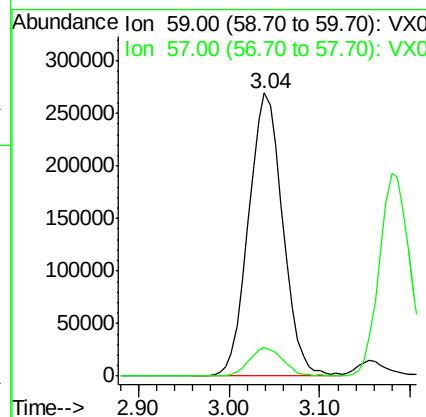
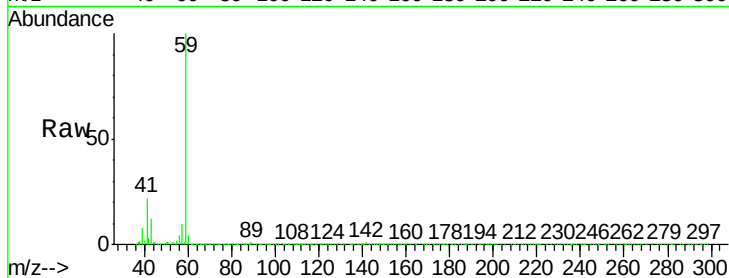
#11
Tert butyl alcohol
Concen: 572.118 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

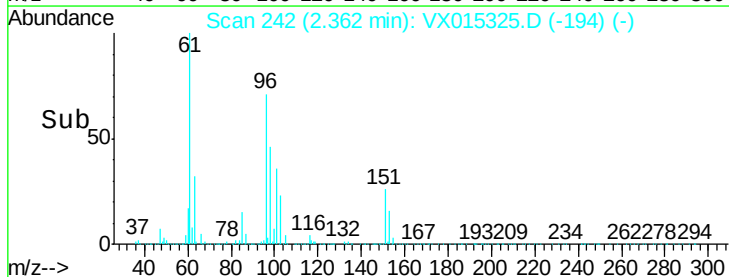
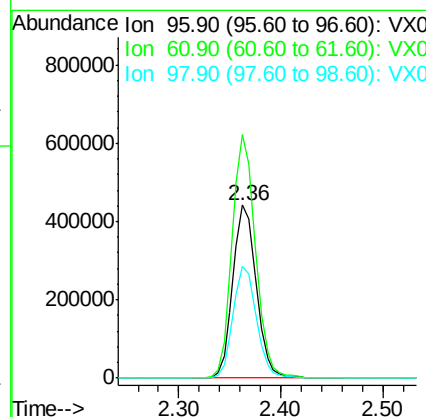
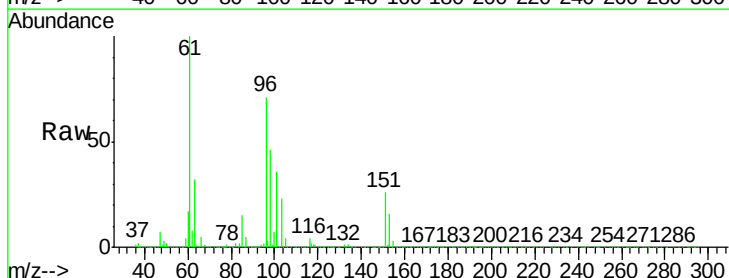
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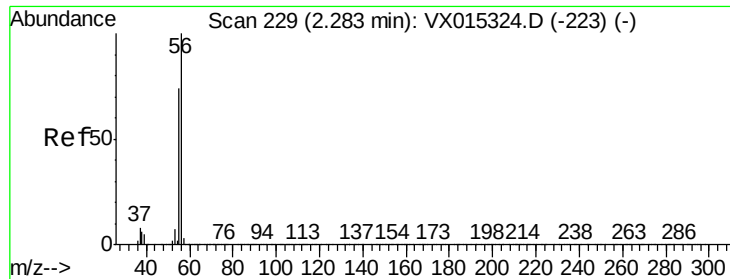
MMDadoda
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#12
1,1-Dichloroethene
Concen: 122.419 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.6	117.7	176.5
98	64.3	52.3	78.5





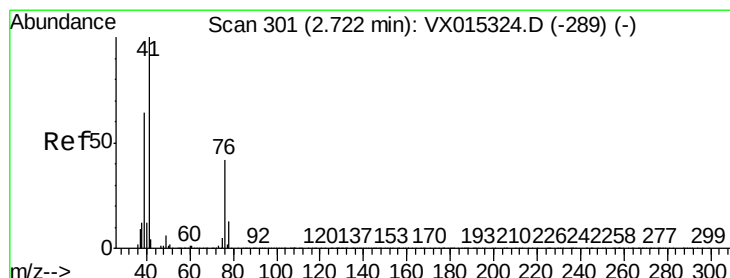
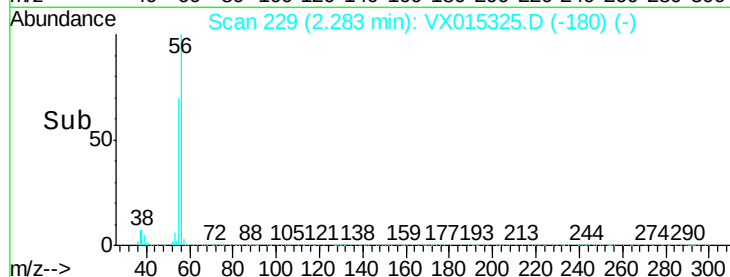
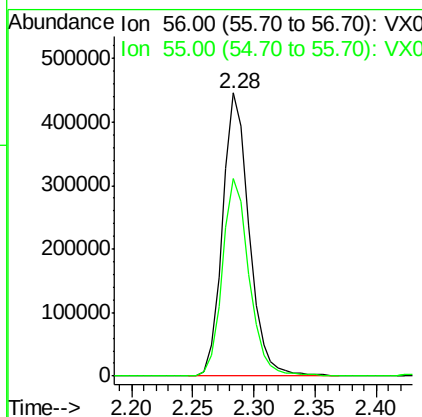
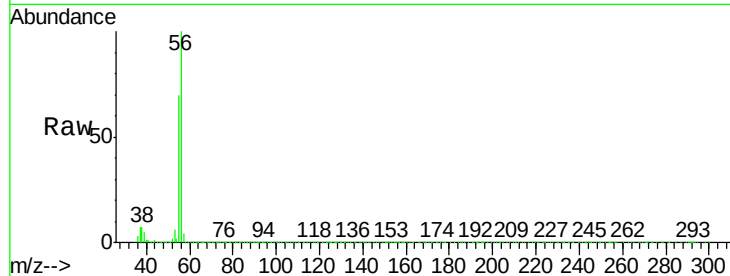
#13
Acrolein
Concen: 586.513 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.6	84.8

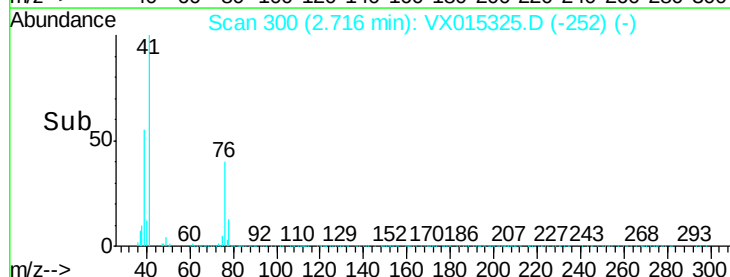
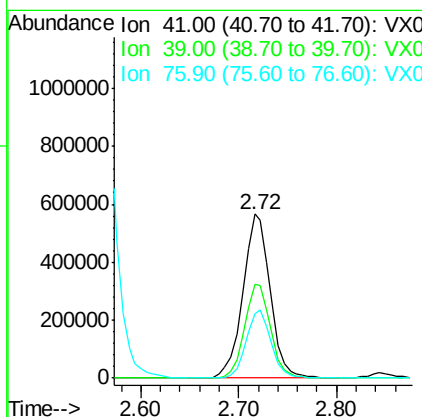
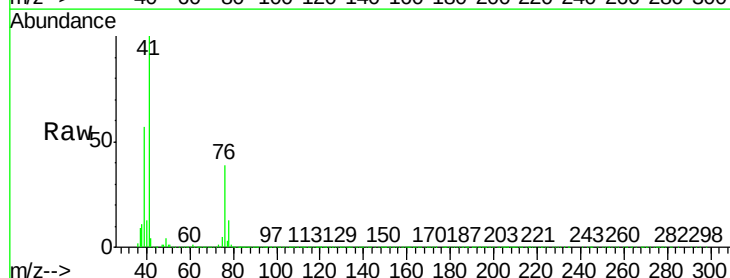
Manual Integrations
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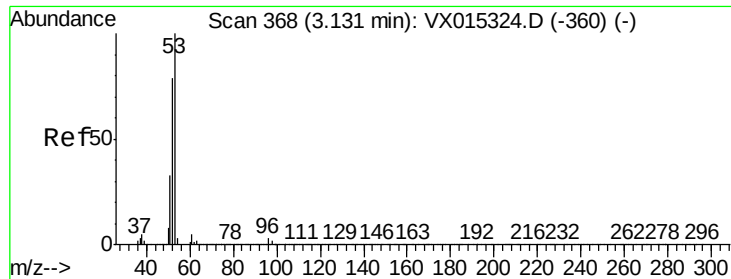
MMDadoda
3/19/2020 12:00:56 PM



#14
Allyl chloride
Concen: 110.276 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.6	46.8	70.2
76	37.6	30.7	46.1





#15

Acrylonitrile

Concen: 592.772 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 53 Resp: 1817643

Ion	Ratio	Lower	Upper
53	100		
52	81.1	64.6	97.0
51	34.3	27.5	41.3

53 100

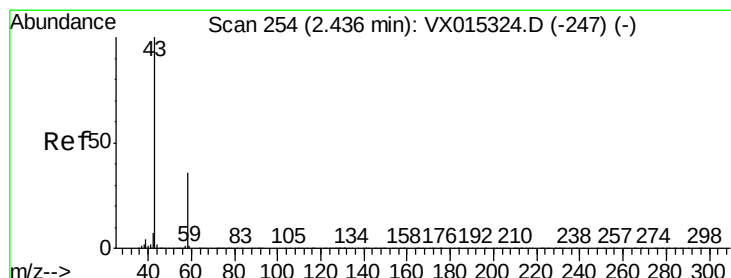
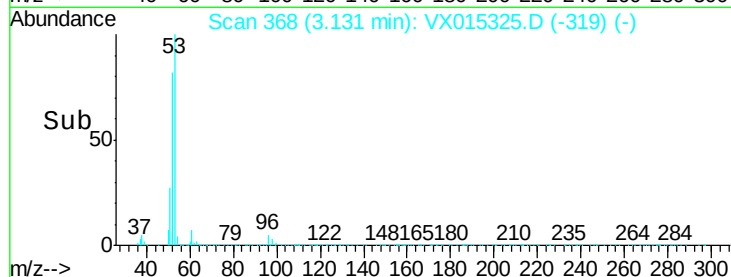
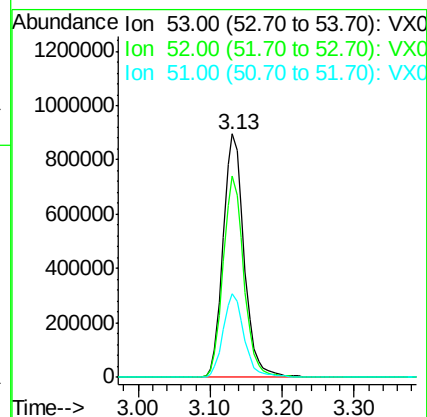
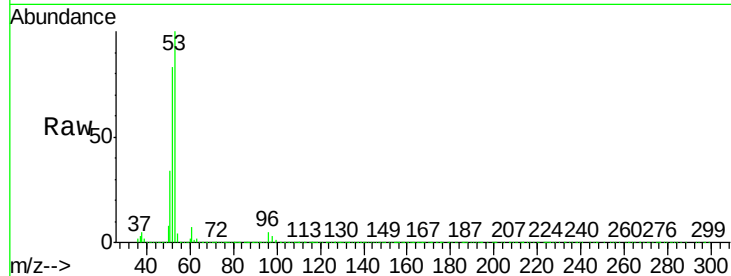
52 81.1 64.6 97.0

51 34.3 27.5 41.3

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#16

Acetone

Concen: 491.840 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015325.D

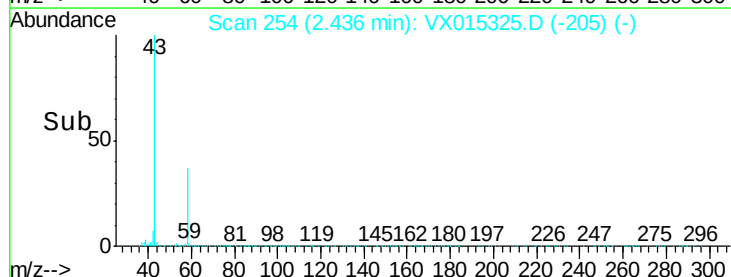
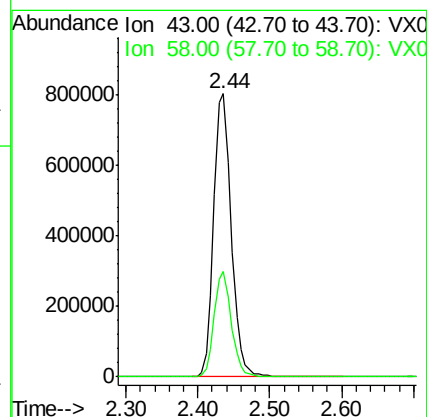
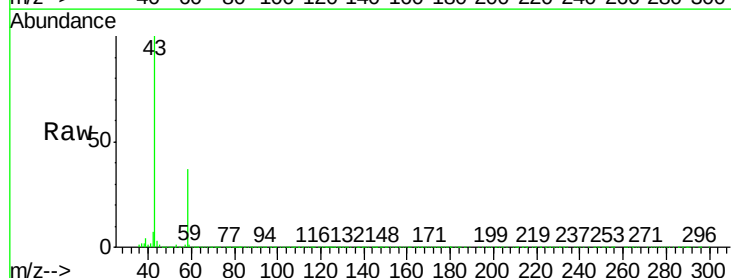
Acq: 18 Mar 2020 14:09

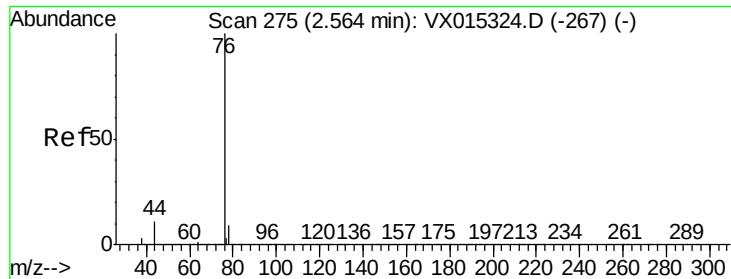
Tgt Ion: 43 Resp: 1350999

Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.0	43.4

43 100

58 37.3 29.0 43.4





#17

Carbon Disulfide

Concen: 123.672 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1973736

Ion Ratio Lower Upper

76 100

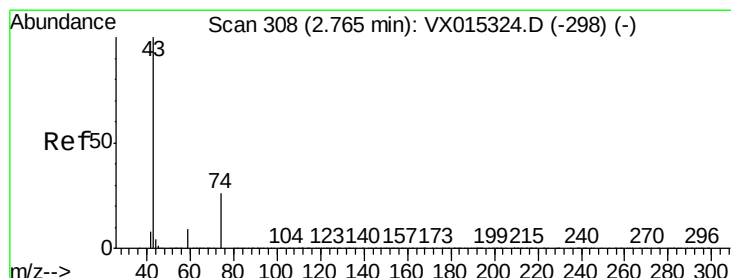
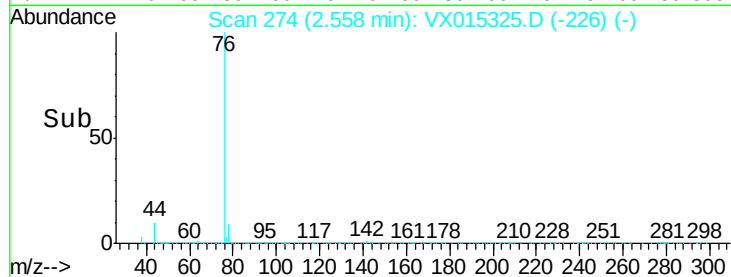
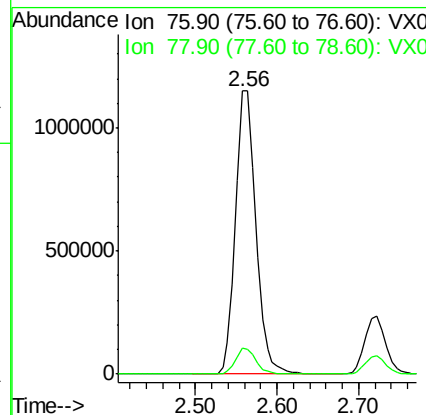
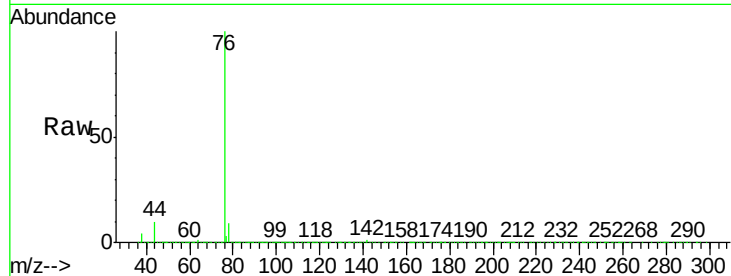
78 9.1 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 106.405 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015325.D

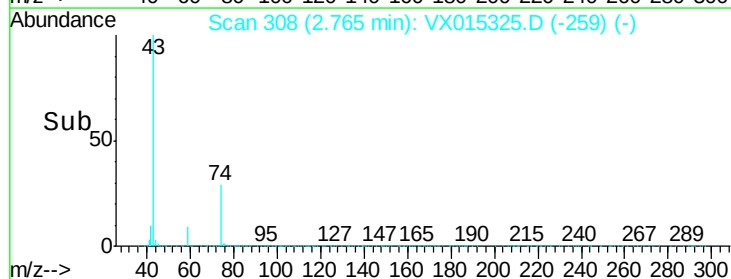
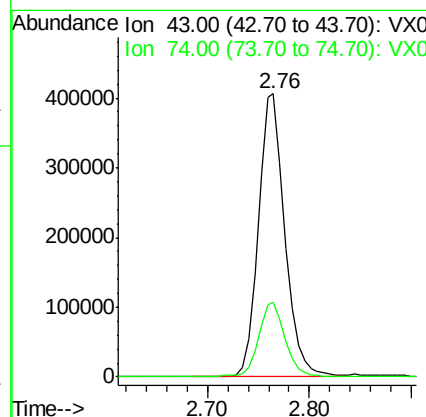
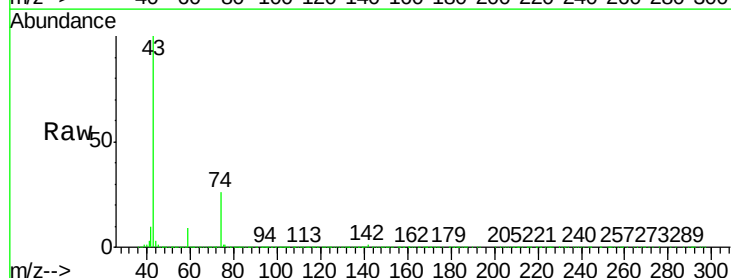
Acq: 18 Mar 2020 14:09

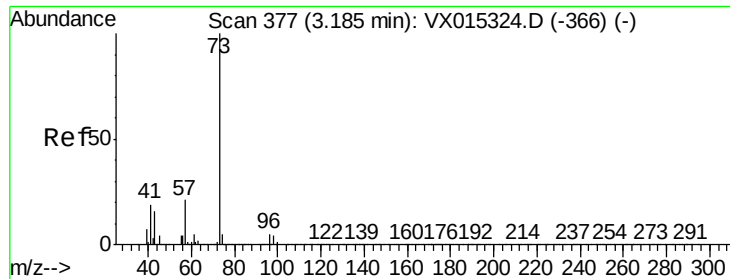
Tgt Ion: 43 Resp: 733194

Ion Ratio Lower Upper

43 100

74 26.7 21.9 32.9





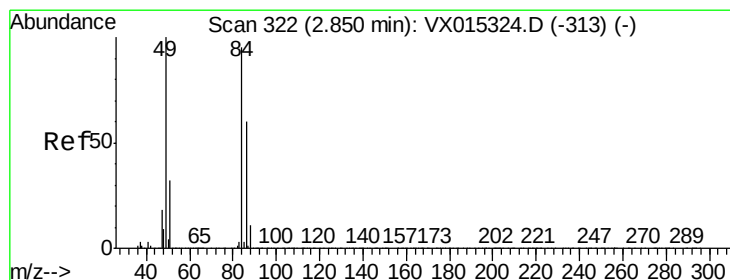
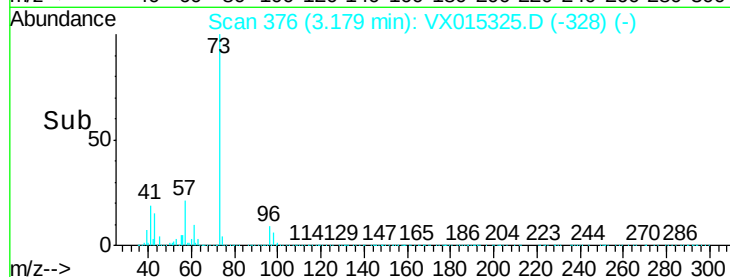
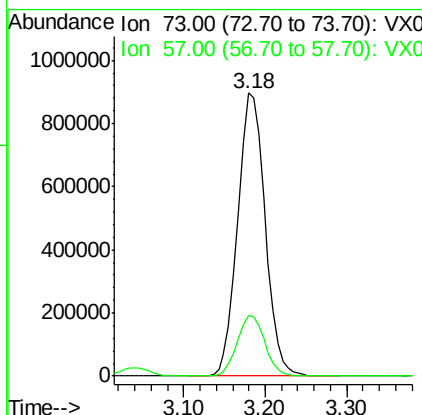
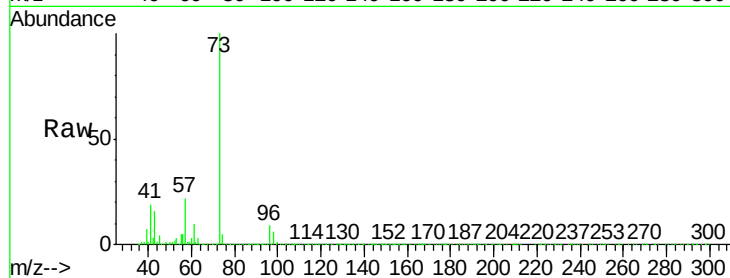
#19
Methyl tert-butyl Ether
Concen: 115.569 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 73 Resp: 2091677
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2

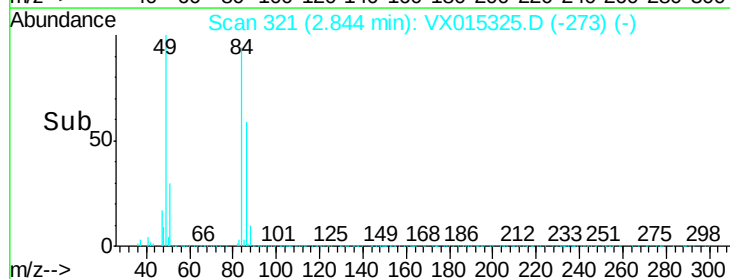
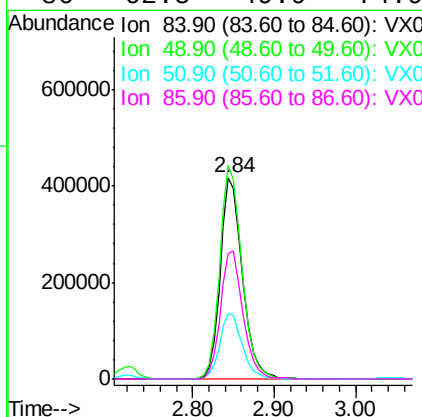
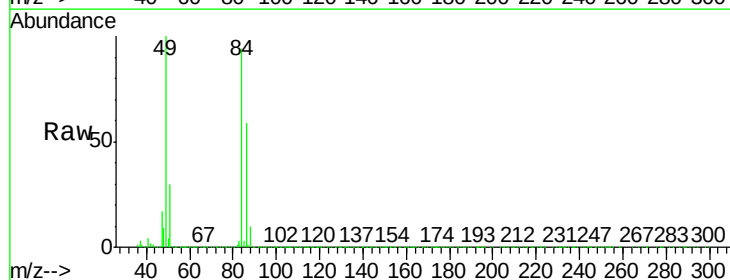
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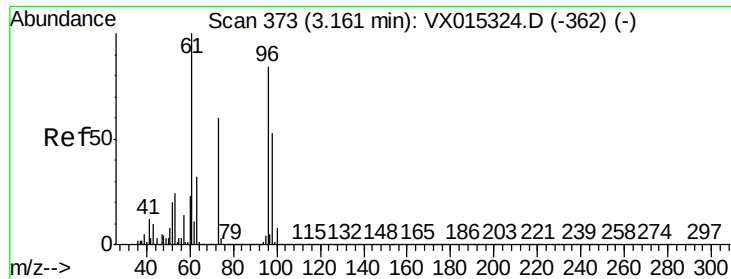
MMDadoda
3/19/2020 12:00:56 PM



#20
Methylene Chloride
Concen: 115.572 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion: 84 Resp: 783236
Ion Ratio Lower Upper
84 100
49 105.9 84.0 126.0
51 32.3 27.0 40.6
86 62.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 122.445 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

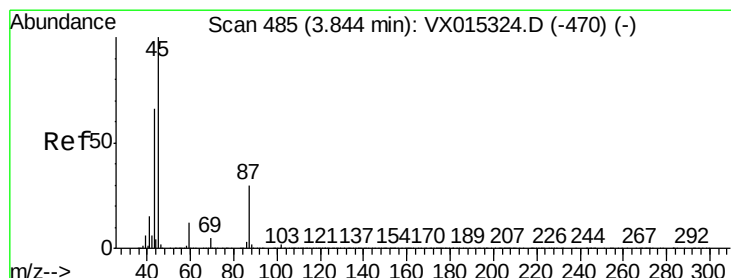
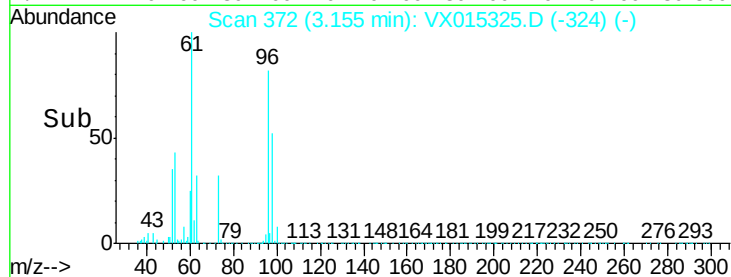
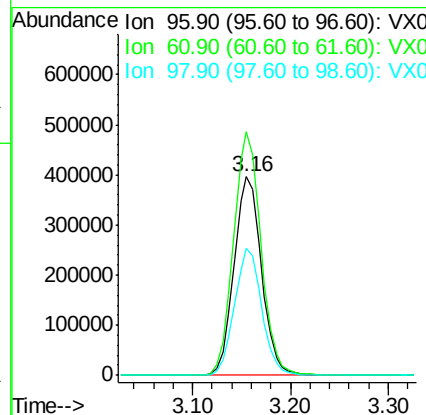
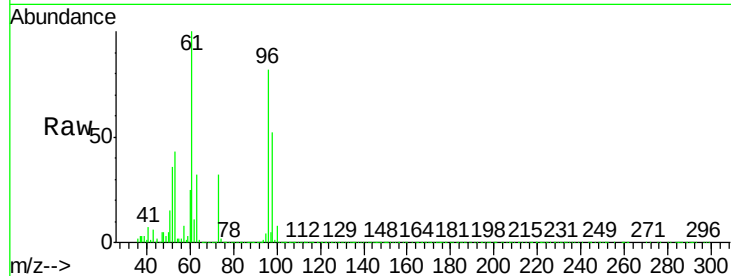
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	772486
Ion	Ratio	Lower	Upper
96	100		
61	122.6	95.5	143.3
98	64.1	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 109.326 ug/l

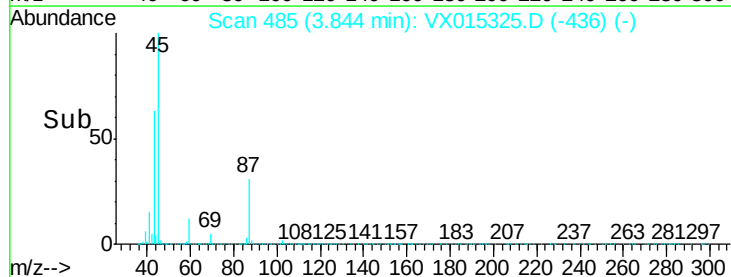
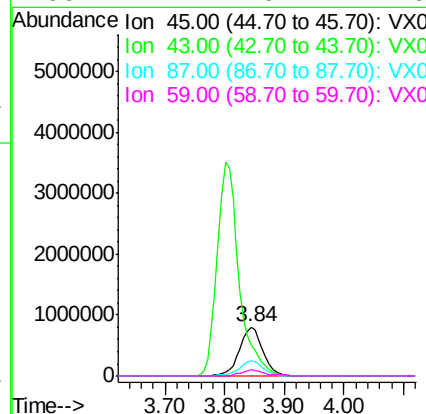
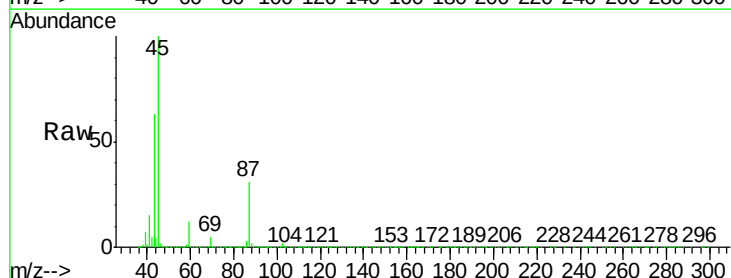
RT: 3.84 min Scan# 485

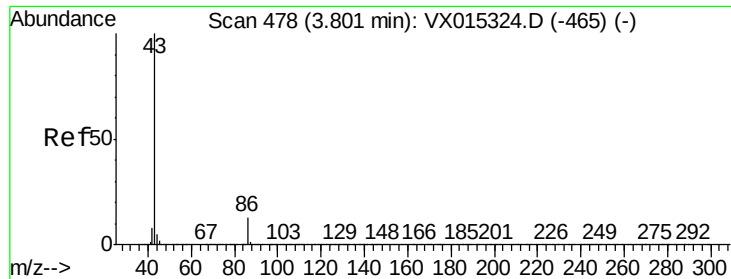
Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tgt Ion:	45	Resp:	2170180
Ion	Ratio	Lower	Upper
45	100		
43	63.3	52.8	79.2
87	30.6	24.3	36.5
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 552.259 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 8963152

Ion Ratio Lower Upper

43 100

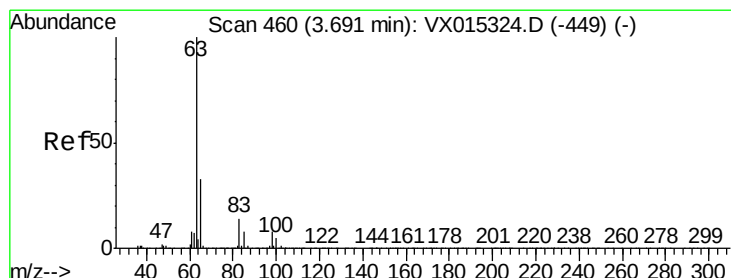
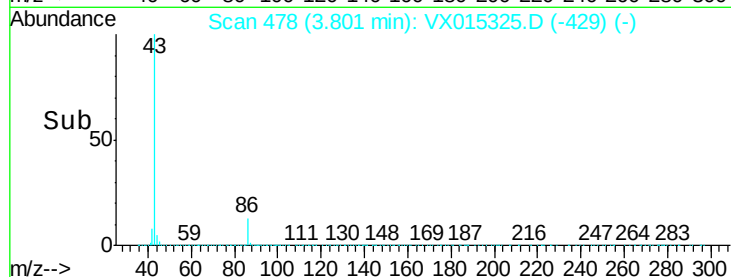
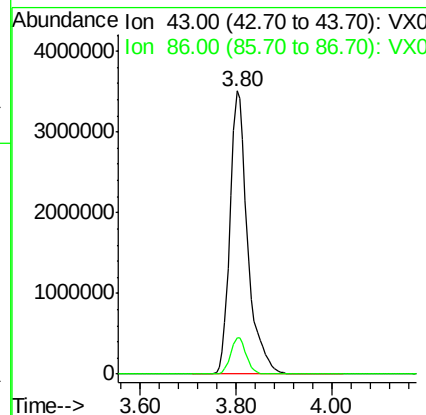
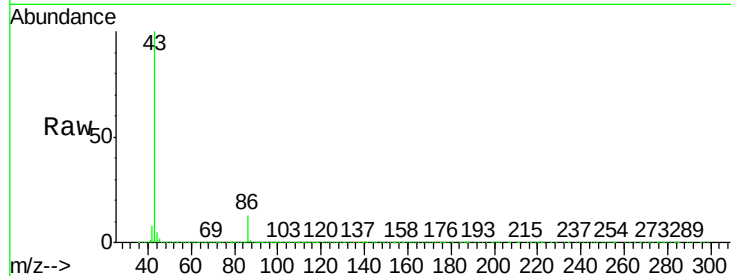
86 12.8 10.1 15.1

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#24

1,1-Dichloroethane

Concen: 111.551 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

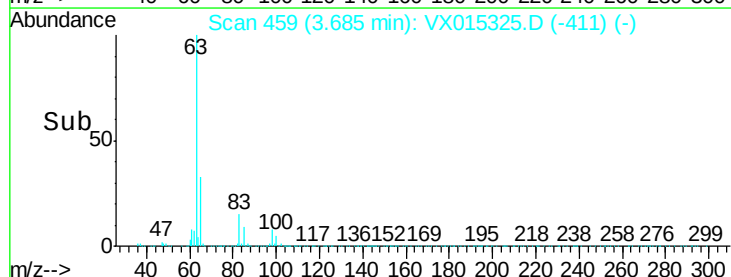
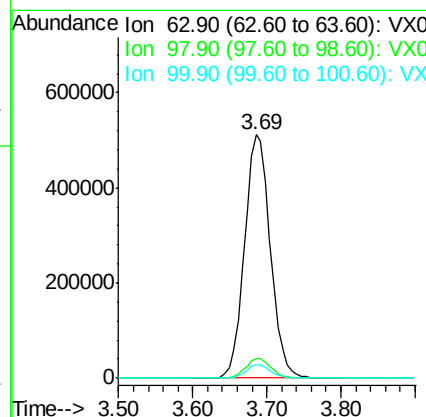
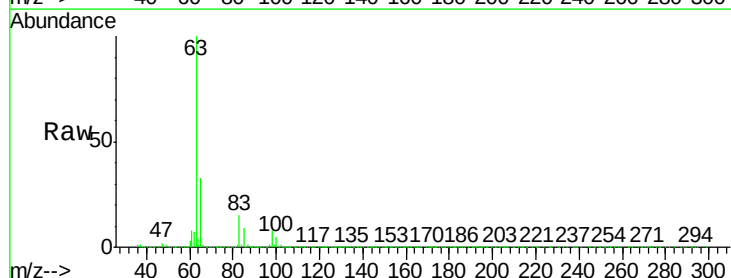
Tgt Ion: 63 Resp: 1241778

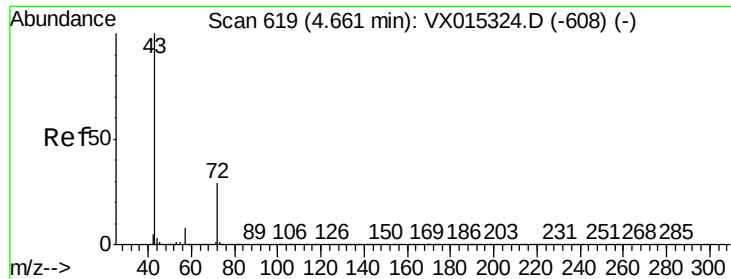
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

100 5.4 2.4 7.2





#25

2-Butanone

Concen: 559.225 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tot Ion: 43 Resp: 2294585

Ion Ratio Lower Upper

43 100

72 28.8 23.1 34.7

Instrument :

MSVOA_X

ClientSampleId :

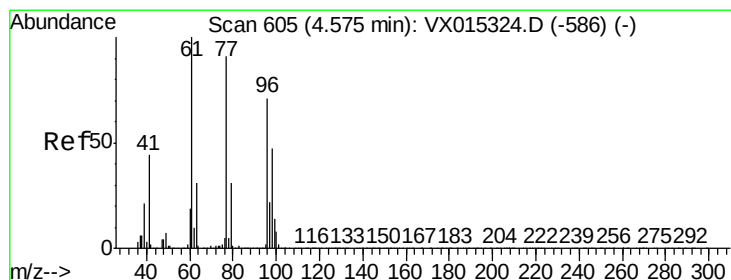
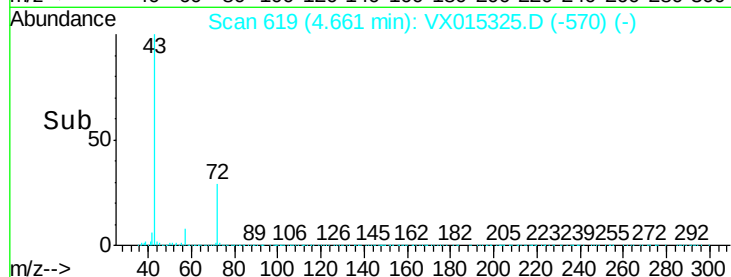
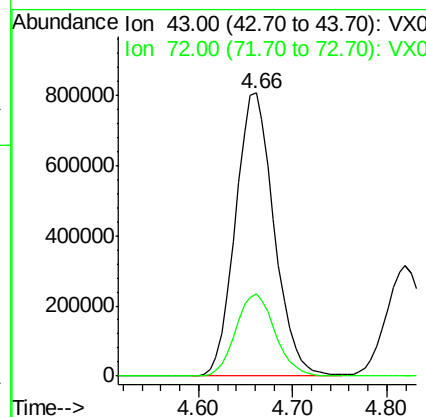
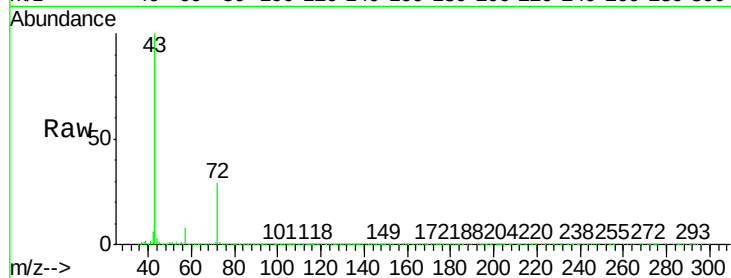
VSTDIC100

Manual Integrations

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3/19/2020 12:00:56 PM



#26

2,2-Dichloropropane

Concen: 113.199 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015325.D

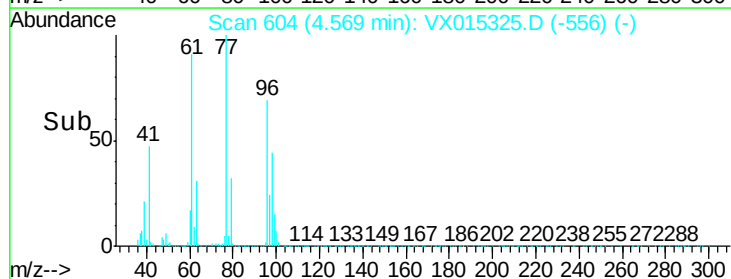
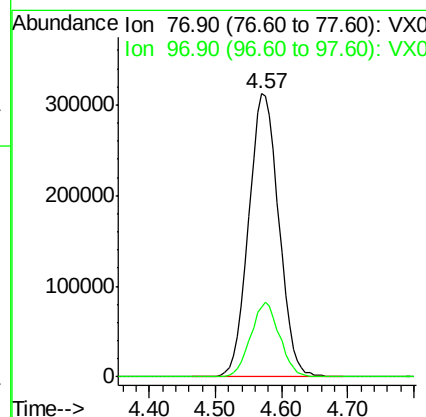
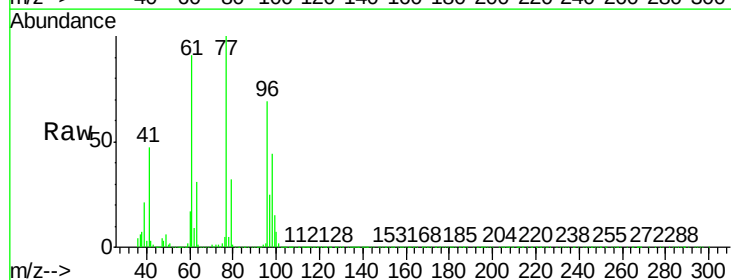
Acq: 18 Mar 2020 14:09

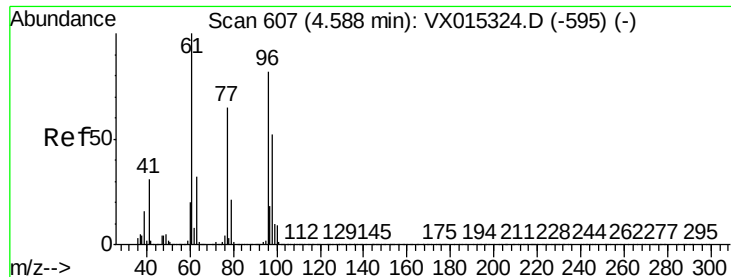
Tgt Ion: 77 Resp: 992238

Ion Ratio Lower Upper

77 100

97 25.4 13.0 38.9





#27

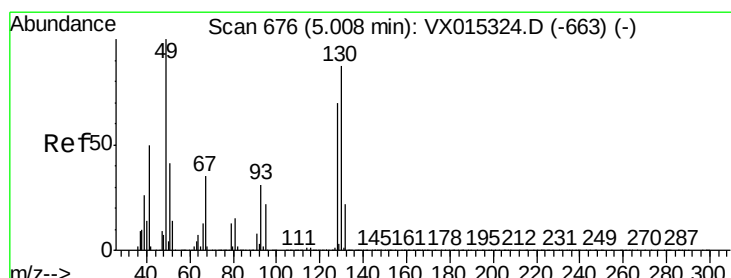
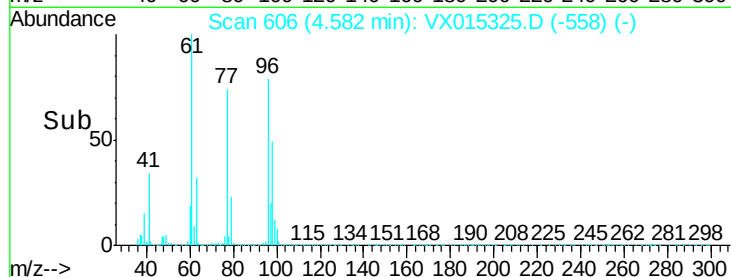
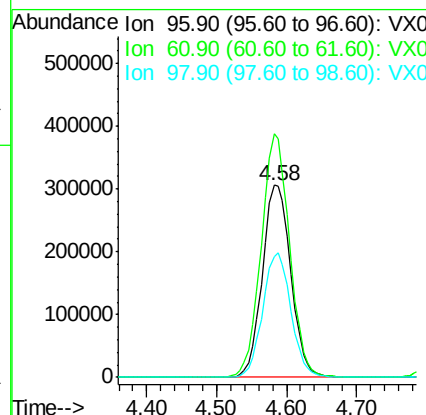
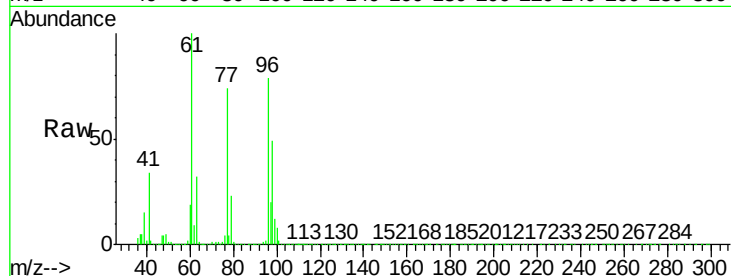
cis-1,2-Dichloroethene
Concen: 123.729 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	865926		
61	126.1	0.0	255.8	
98	64.2	0.0	128.8	

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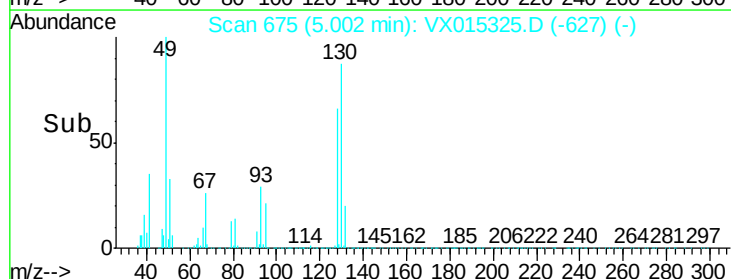
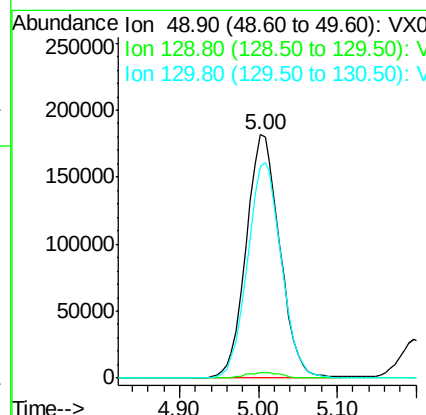
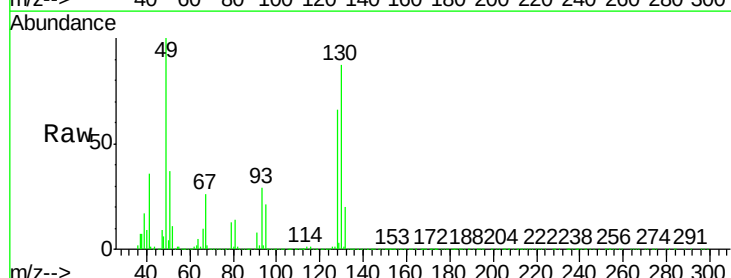
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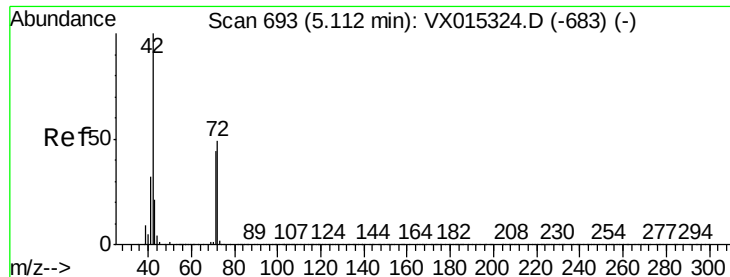


#28

Bromochloromethane
Concen: 107.897 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	536865		
129	2.6	0.0	5.4	
130	89.3	69.9	104.9	





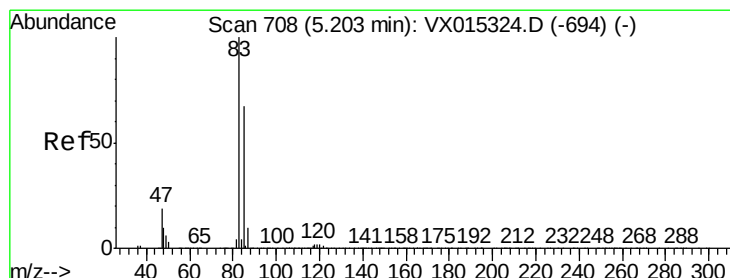
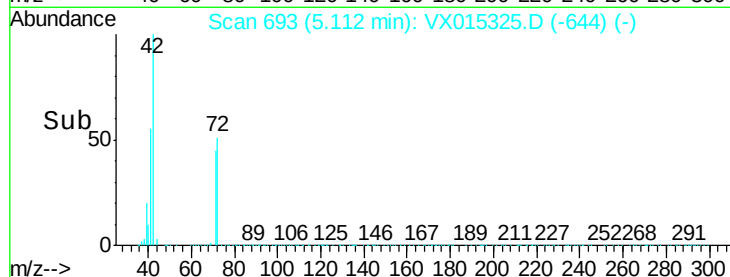
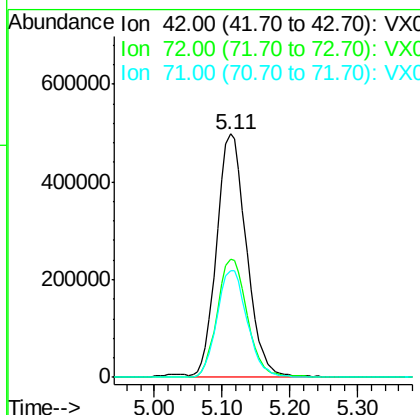
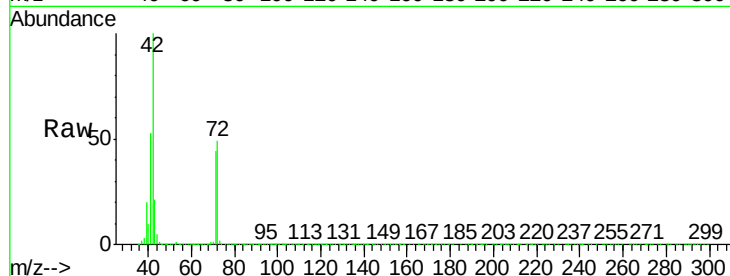
#29
Tetrahydrofuran
Concen: 564.784 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	42	Resp:	1508623
Ion	Ratio	Lower	Upper
42	100		
72	49.3	39.6	59.4
71	44.8	36.5	54.7

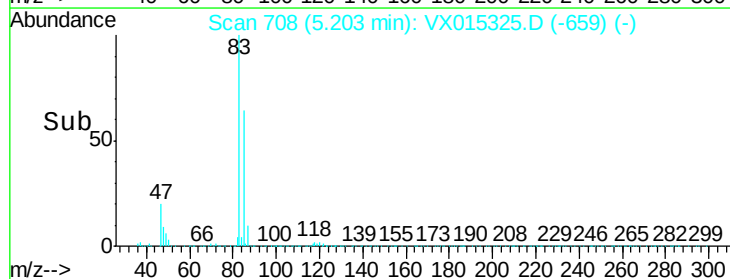
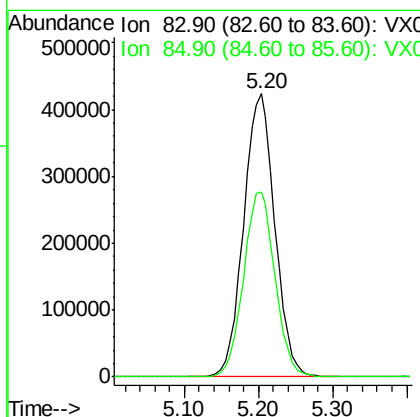
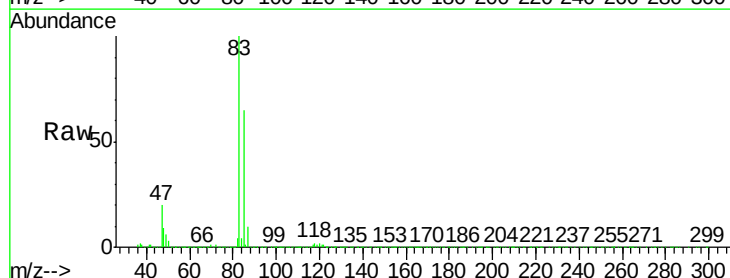
Manual Integrations
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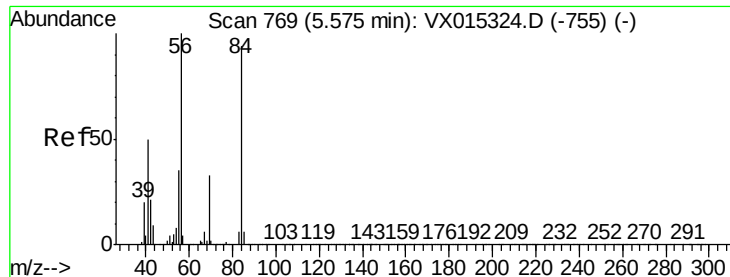
MMDadoda
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#30
Chloroform
Concen: 113.945 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion:	83	Resp:	1243290
Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.8	80.6





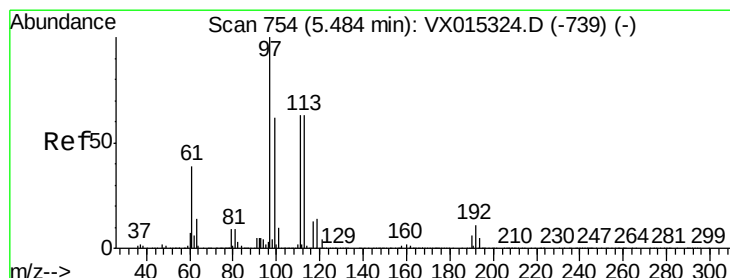
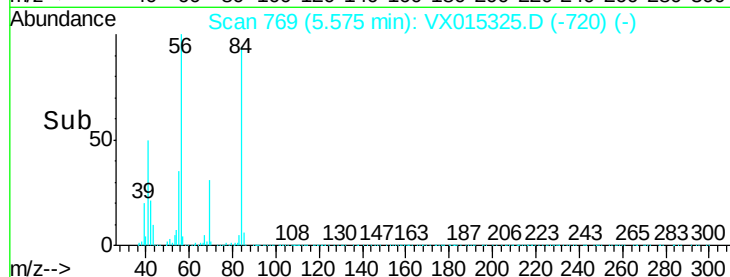
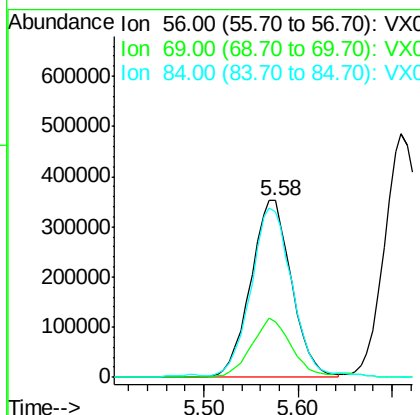
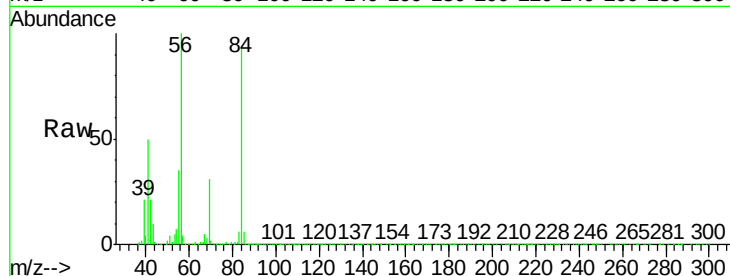
#31
Cyclohexane
Concen: 107.391 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	26.2	39.4
84	92.2	75.2	112.8

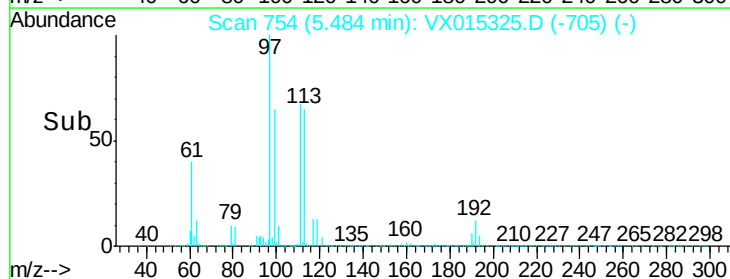
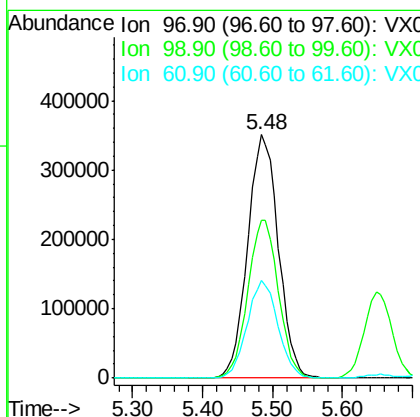
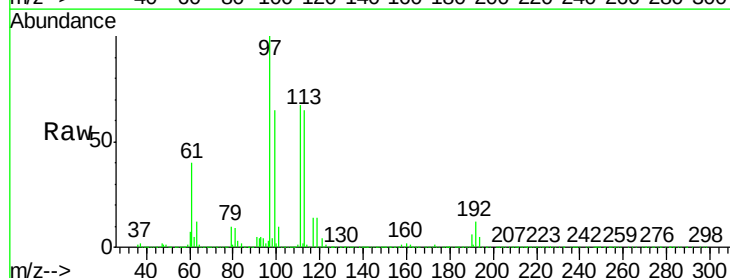
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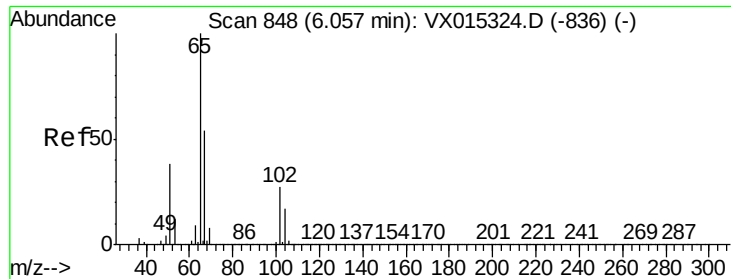
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#32
1,1,1-Trichloroethane
Concen: 117.504 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	40.3	31.7	47.5





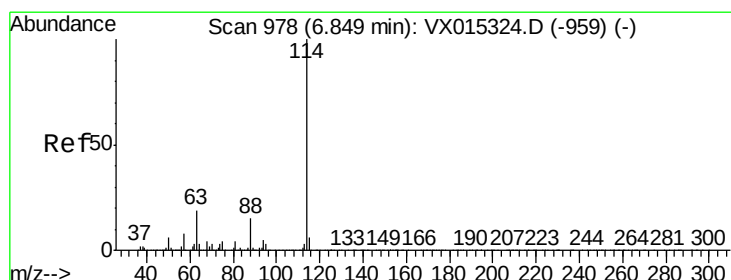
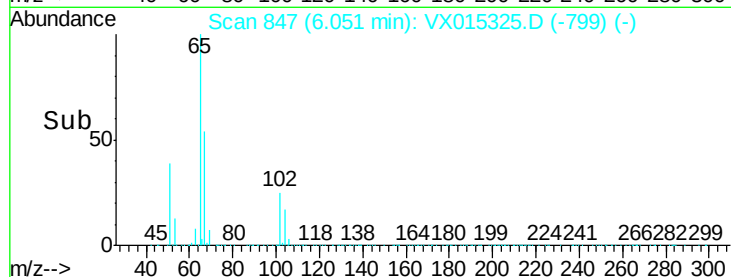
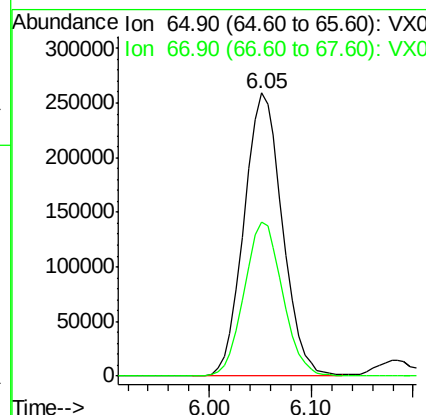
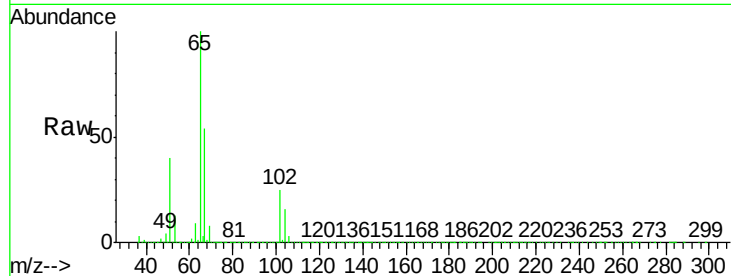
#33
 1,2-Dichloroethane-d4
 Concen: 97.736 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.6

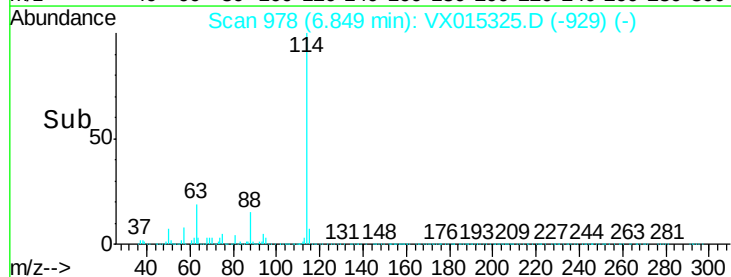
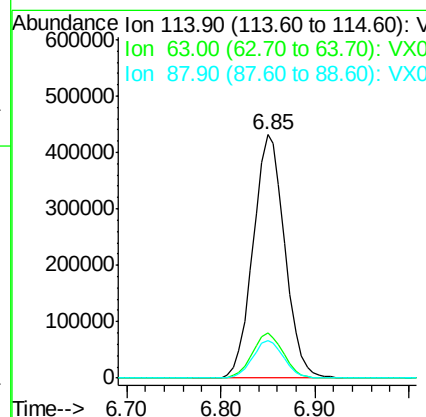
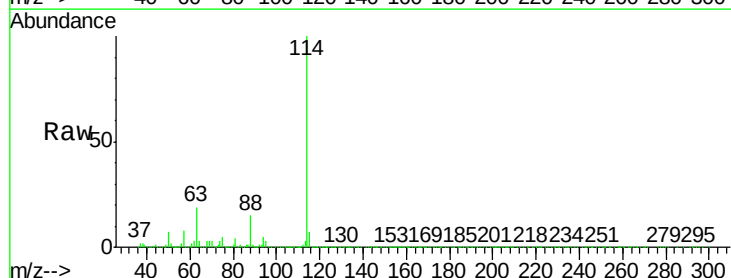
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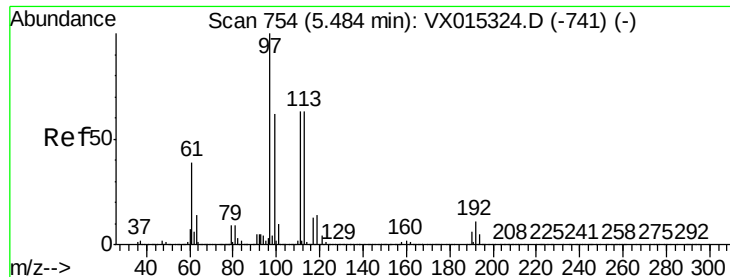
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.4
88	15.3	0.0	30.0





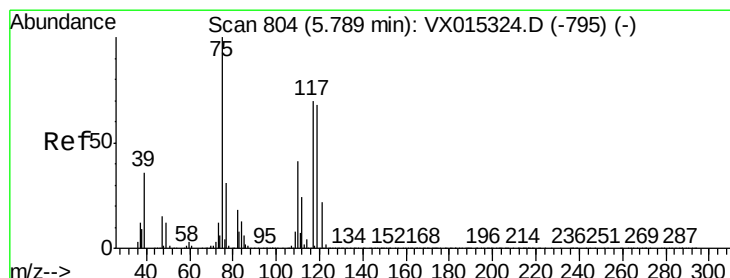
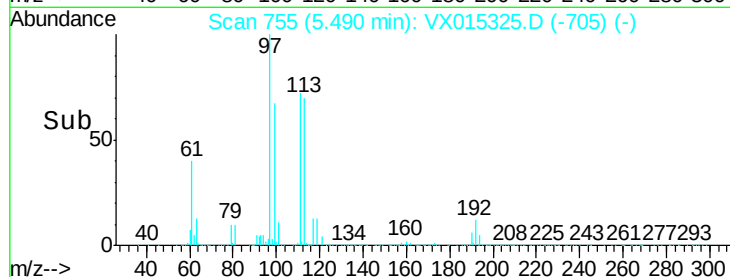
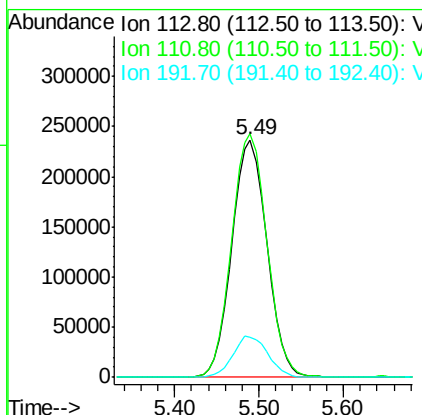
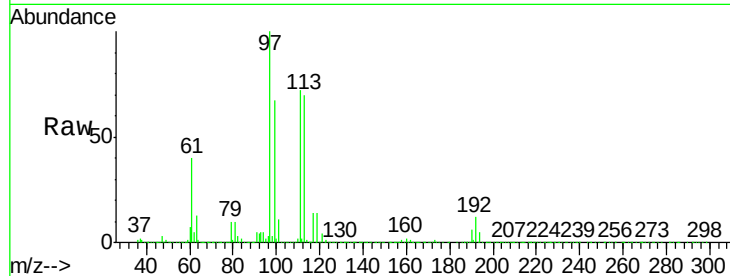
#35
 Dibromofluoromethane
 Concen: 103.486 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	667176		
111	103.2	82.5	123.7	
192	17.5	14.2	21.2	

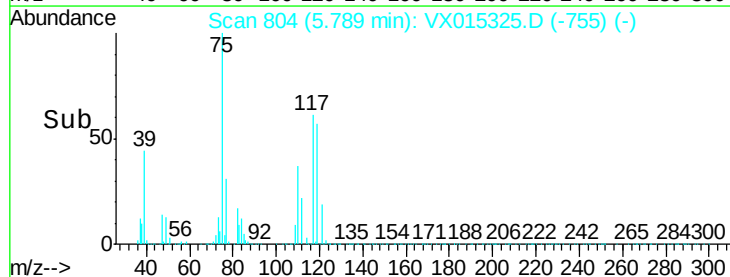
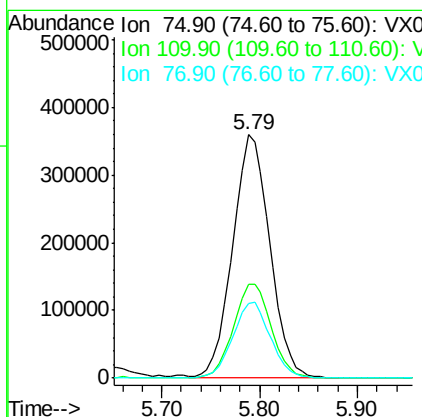
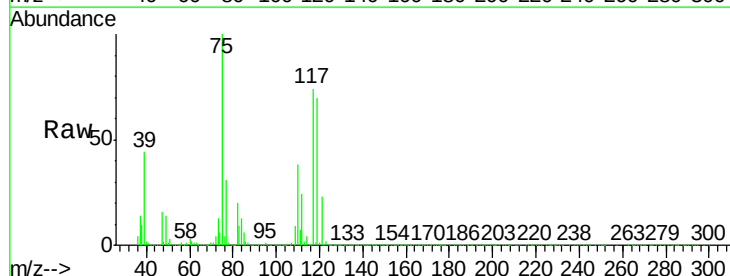
Manual Integrations
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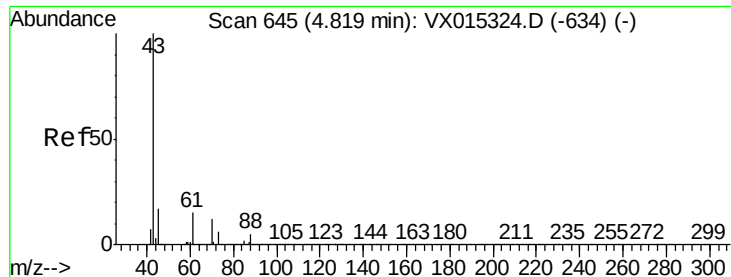
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#36
 1,1-Dichloropropene
 Concen: 99.985 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	943819		
110	39.3	19.4	58.4	
77	31.4	24.6	37.0	





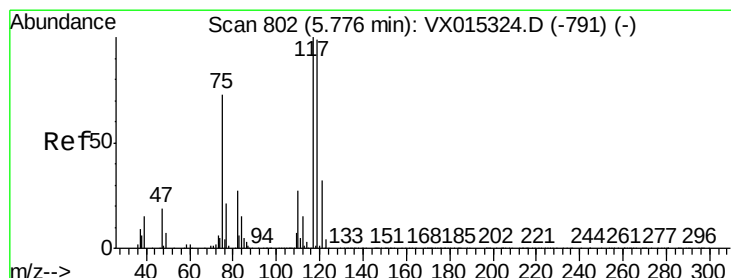
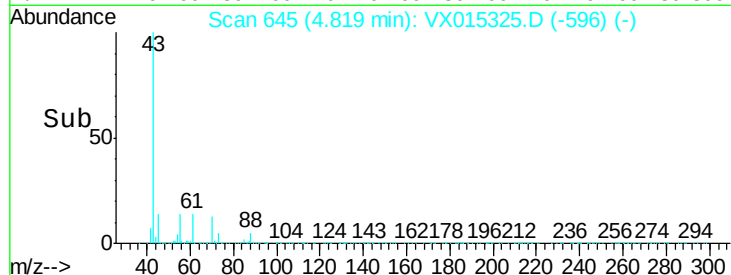
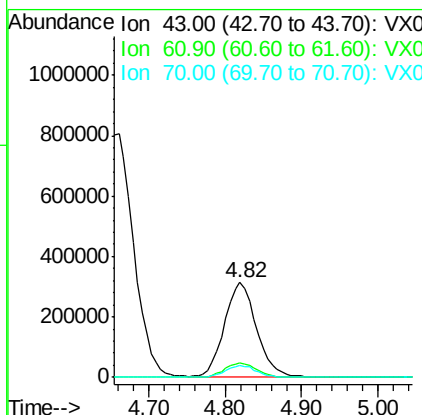
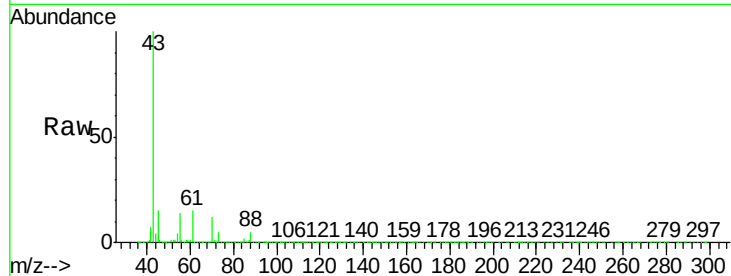
#37
Ethyl Acetate
Concen: 105.489 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	908488
Ion Ratio	Lower	Upper	
43	100		
61	15.4	12.2	18.2
70	12.2	9.8	14.6

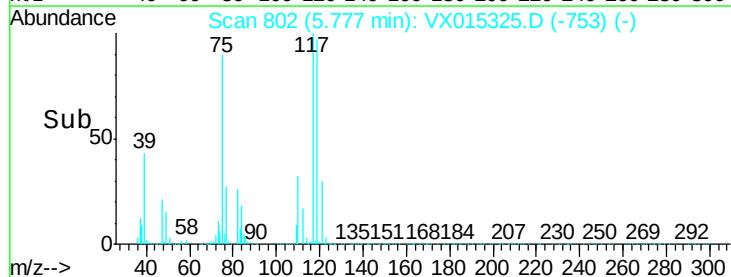
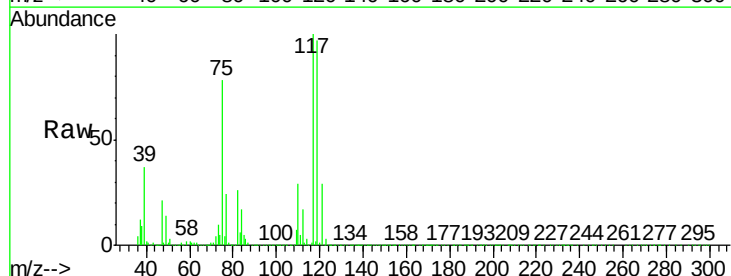
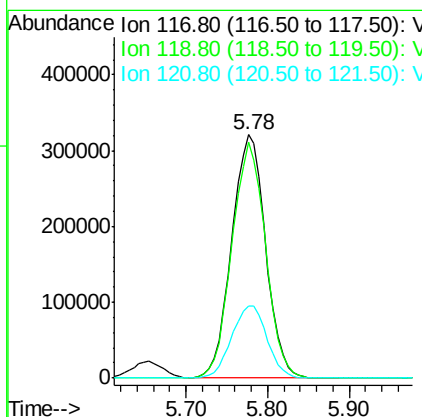
Manual Integrations
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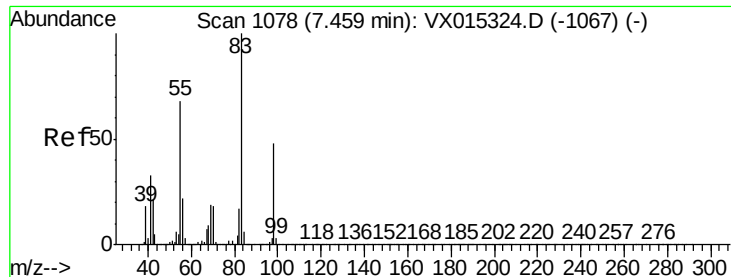
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#38
Carbon Tetrachloride
Concen: 102.996 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	117	Resp	920355
Ion Ratio	Lower	Upper	
117	100		
119	96.8	79.3	118.9
121	29.4	25.4	38.0





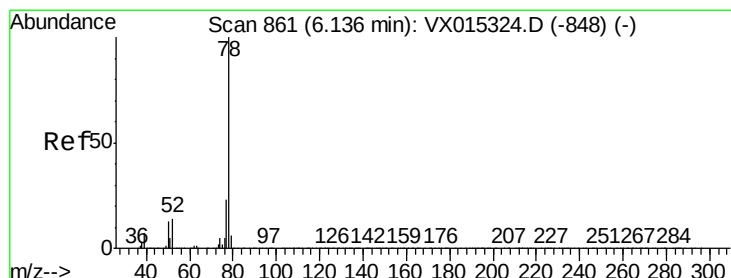
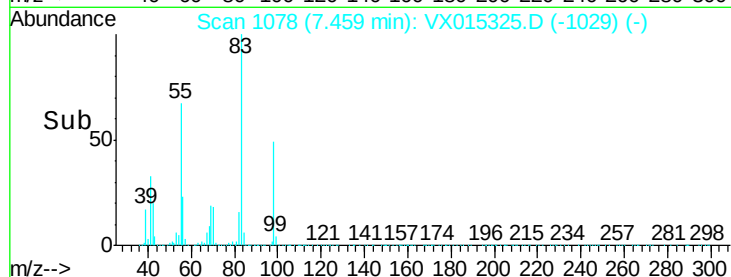
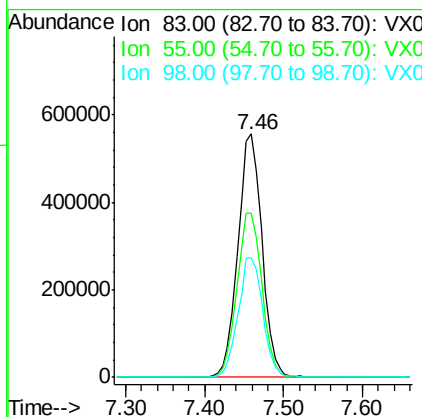
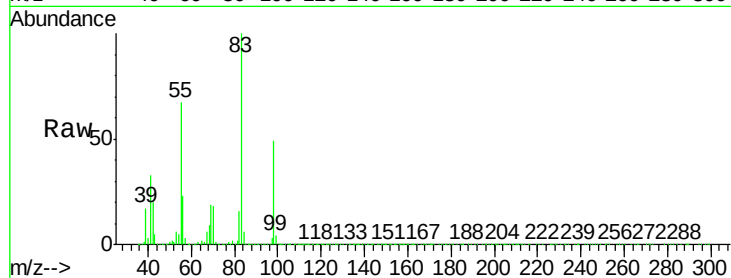
#39
Methylvlcyclohexane
Concen: 106.820 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.3	54.8	82.2
98	48.8	38.8	58.2

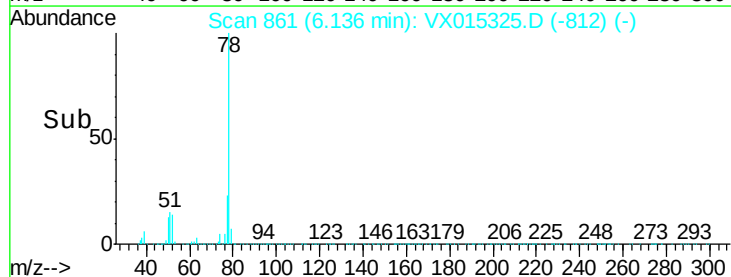
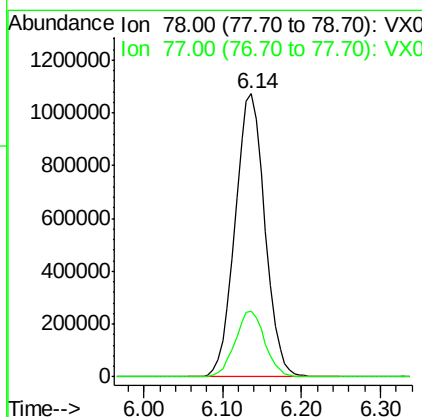
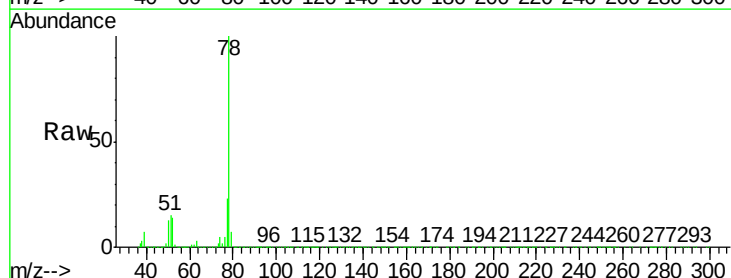
Manual Integrations
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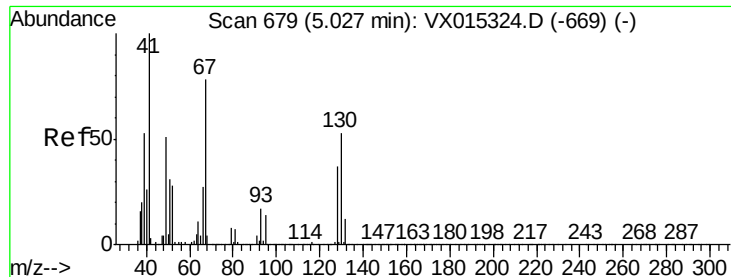
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#40
Benzene
Concen: 100.117 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.4





#41

Methacrylonitrile

Concen: 98.227 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

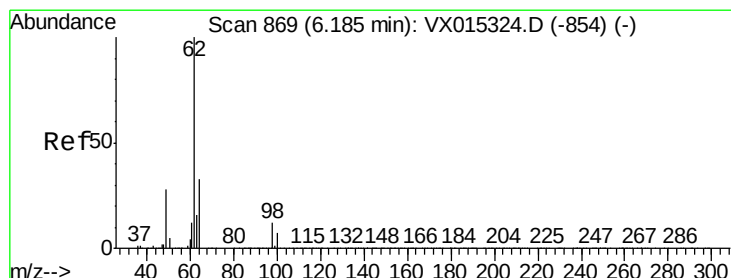
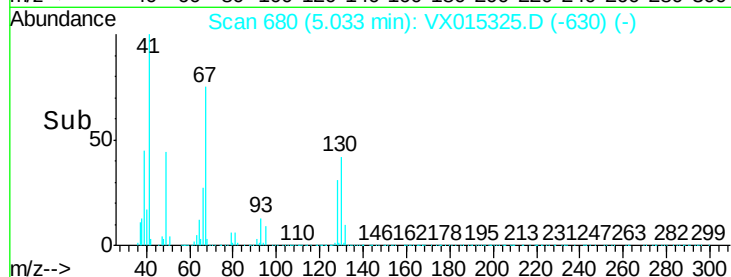
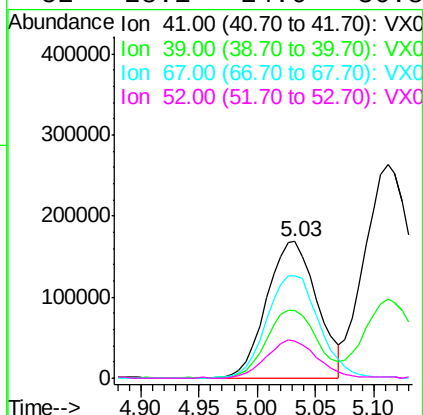
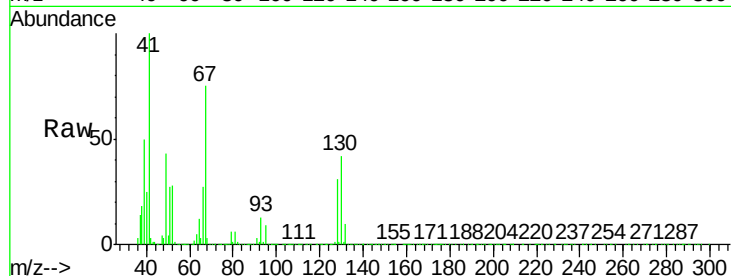
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		505894		
39	49.7	43.0	64.6		
67	78.0	66.0	99.0		
52	28.1	24.6	36.8		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 89.955 ug/l

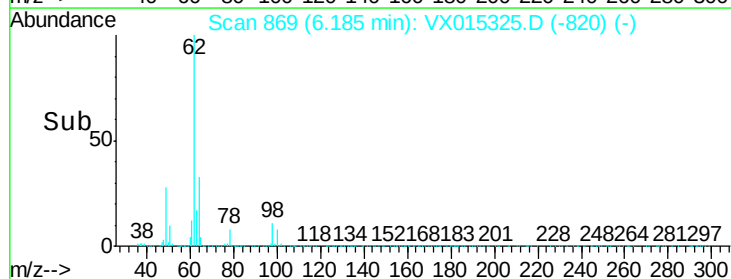
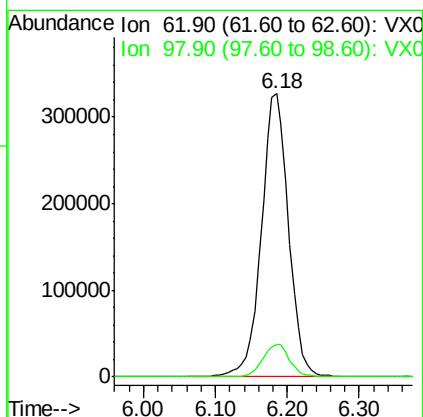
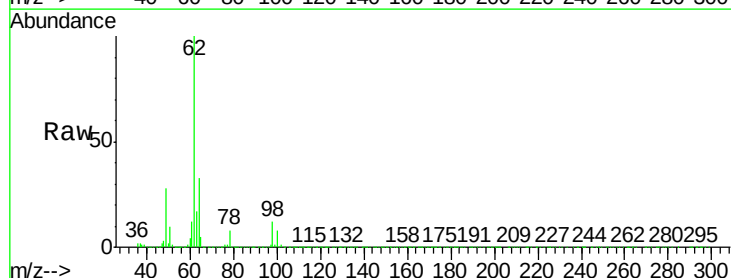
RT: 6.18 min Scan# 869

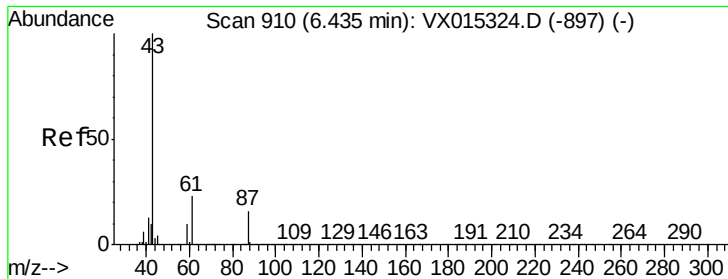
Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		849666		
98	11.3	0.0	22.6		





#43

Isopropyl Acetate

Concen: 92.671 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1392780

Ion Ratio Lower Upper

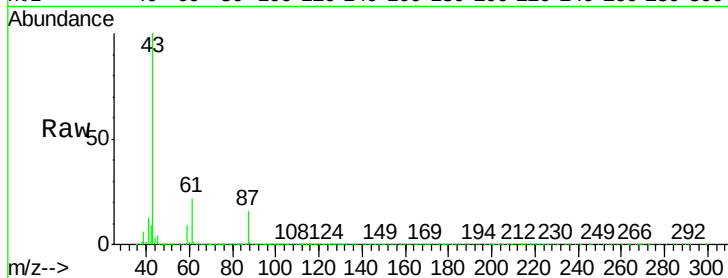
43 100

61 22.7 18.2 27.2

87 15.6 12.3 18.5

Manual Integrations
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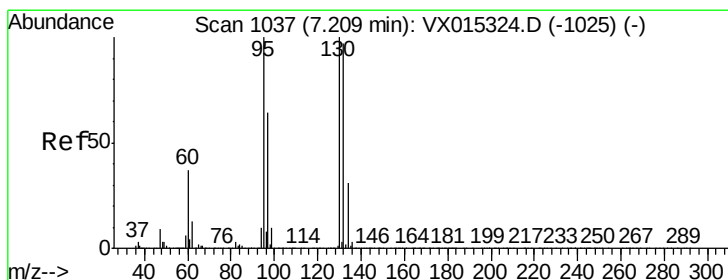
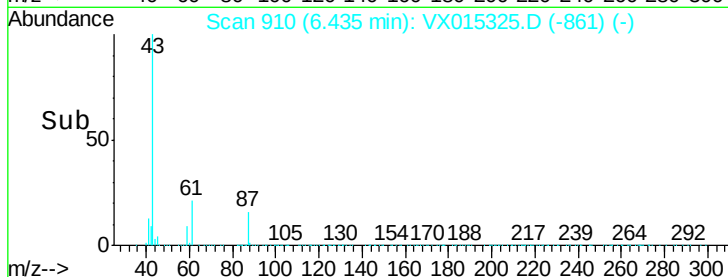
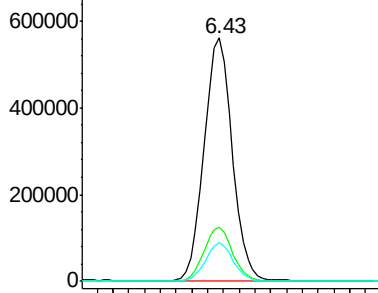
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 96.561 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015325.D

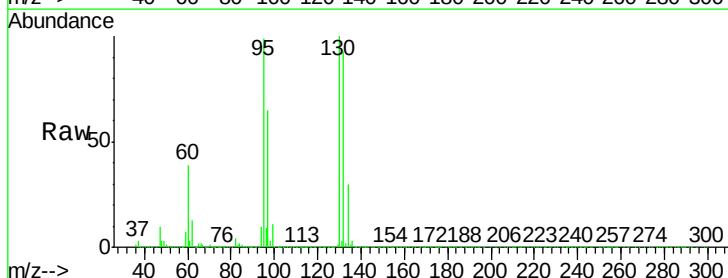
Acq: 18 Mar 2020 14:09

Tgt Ion: 130 Resp: 750047

Ion Ratio Lower Upper

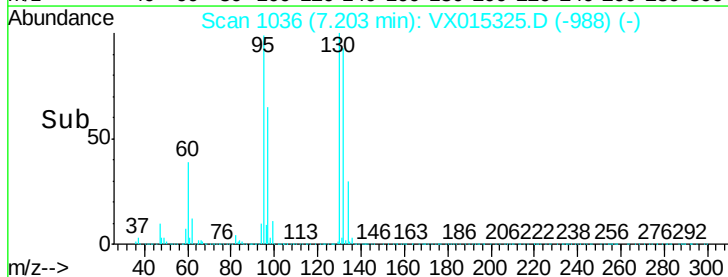
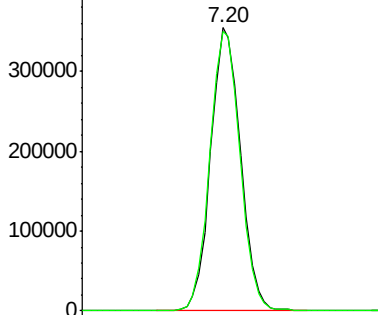
130 100

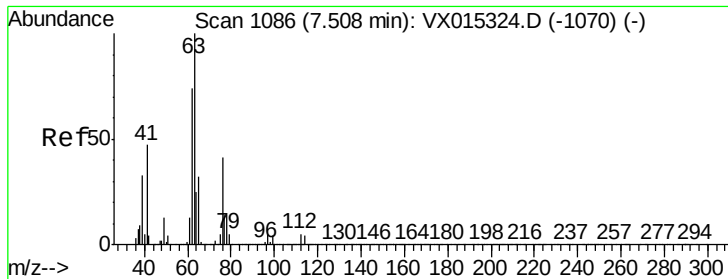
95 98.9 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





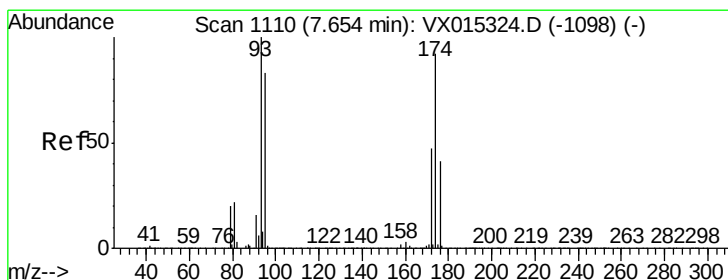
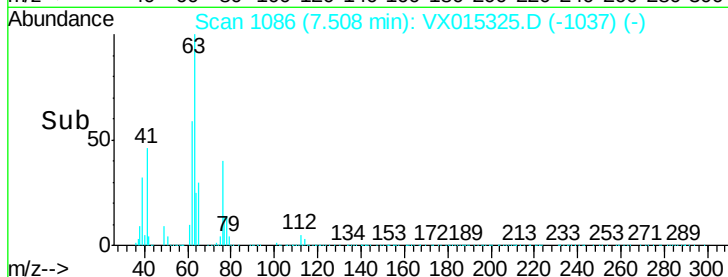
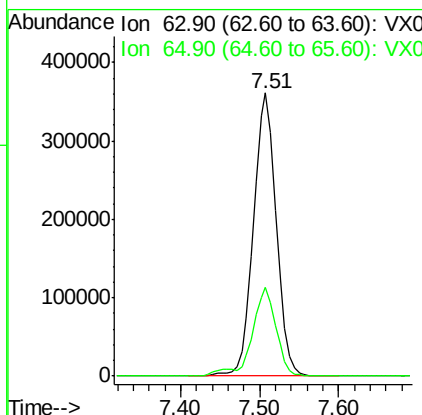
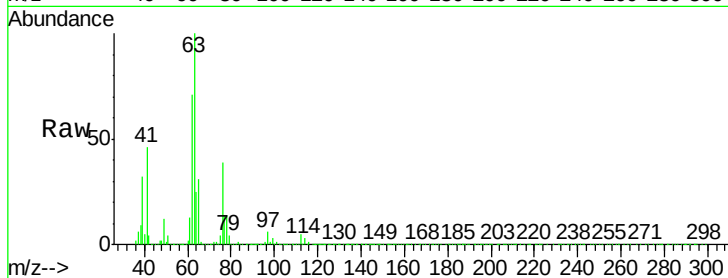
#45
 1,2-Dichloropropane
 Concen: 100.390 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.1	37.7

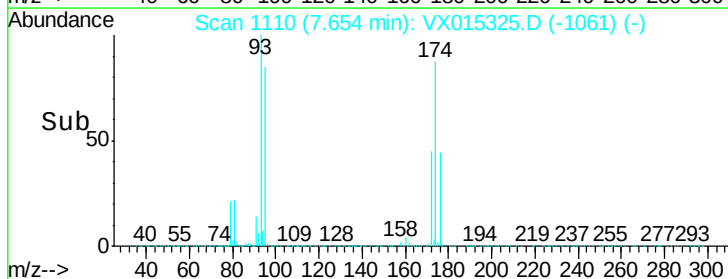
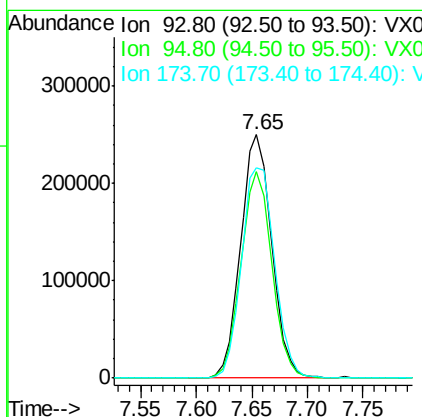
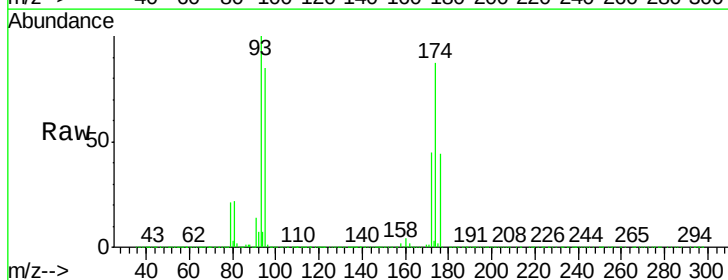
Manual Integrations
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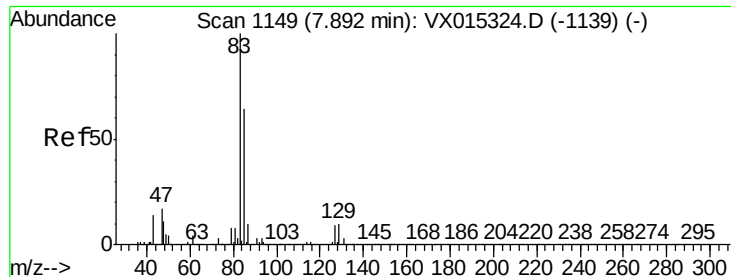
MMDadoda
 3/19/2020 12:00:56 PM



#46
 Dibromomethane
 Concen: 102.598 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.3	99.5
174	92.5	74.2	111.2





#47

Bromodichloromethane

Concen: 104.041 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

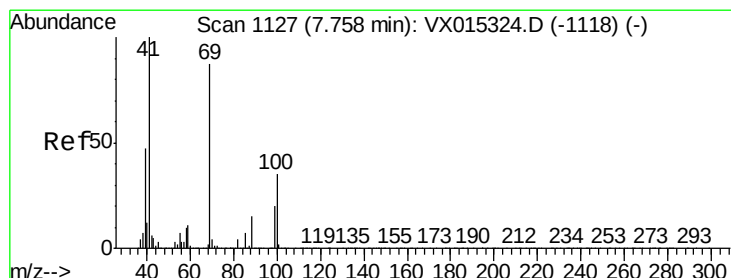
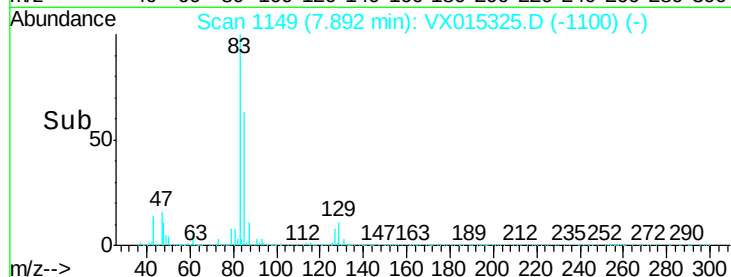
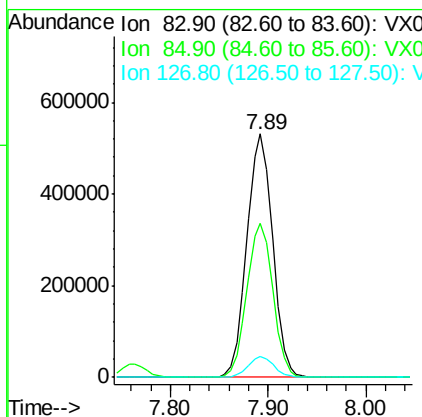
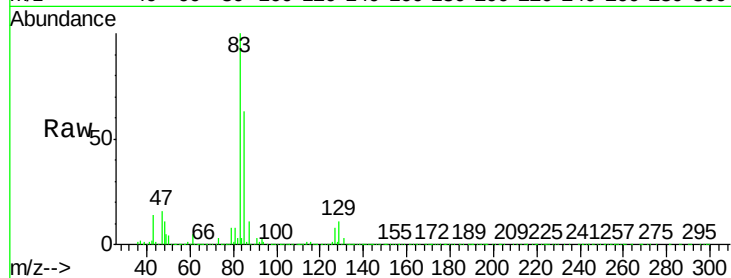
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	969710
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.0	76.6
127	8.3	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 94.900 ug/l

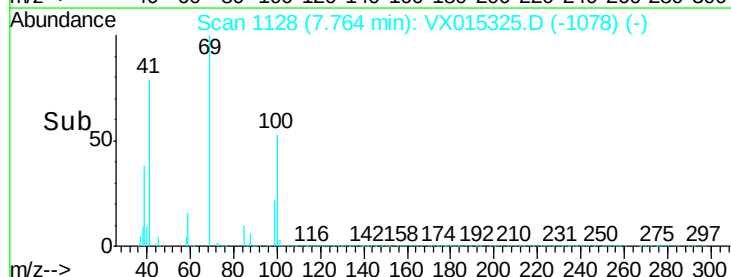
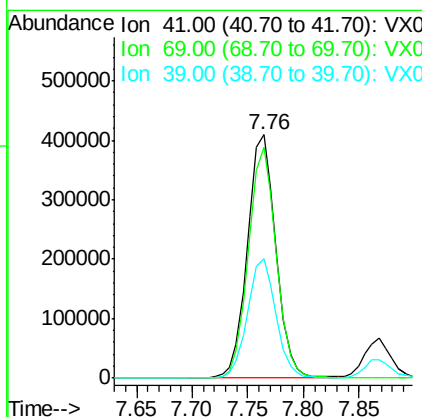
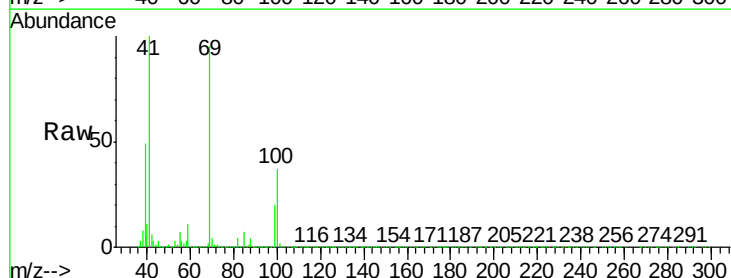
RT: 7.76 min Scan# 1128

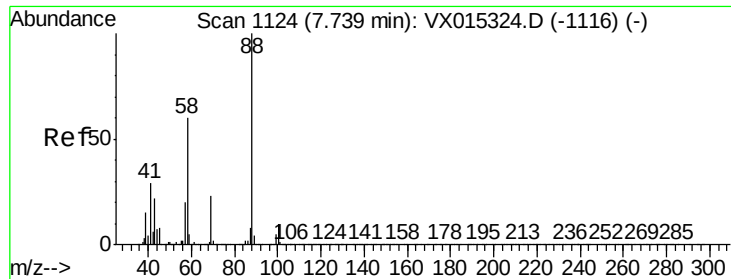
Delta R.T. 0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tgt Ion:	41	Resp:	726513
Ion Ratio	Lower	Upper	
41	100		
69	93.3	74.4	111.6
39	49.2	39.2	58.8





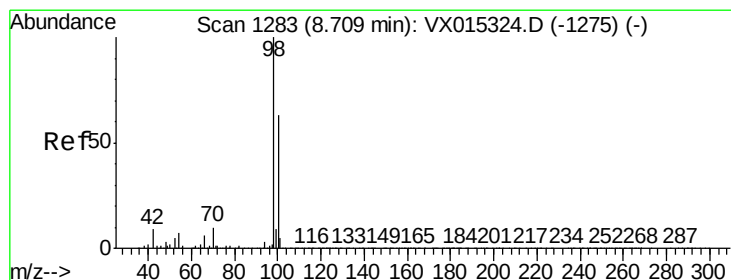
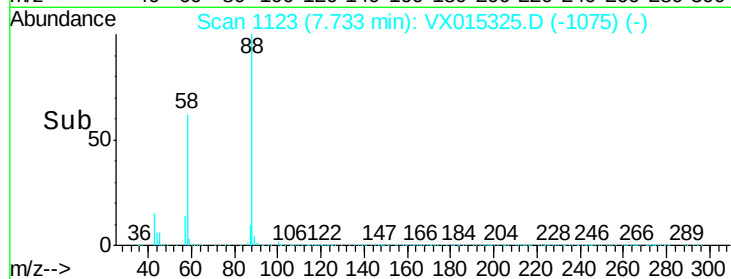
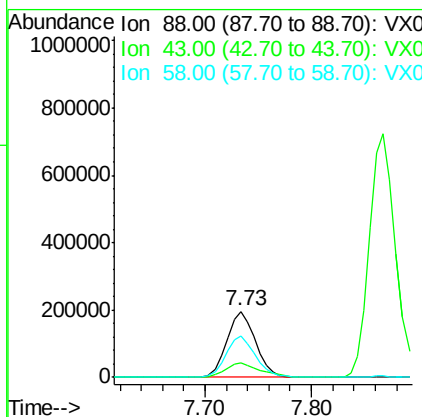
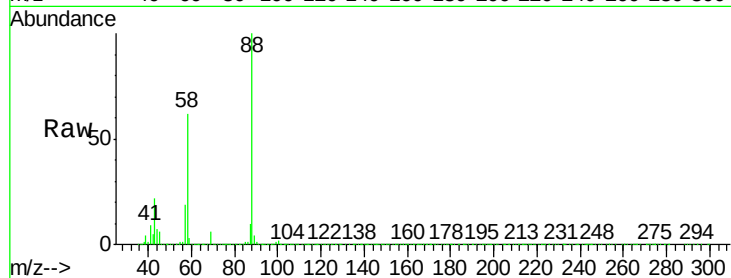
#49
1,4-Dioxane
Concen: 2140.506 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	20.7	31.1
58	65.6	53.9	80.9

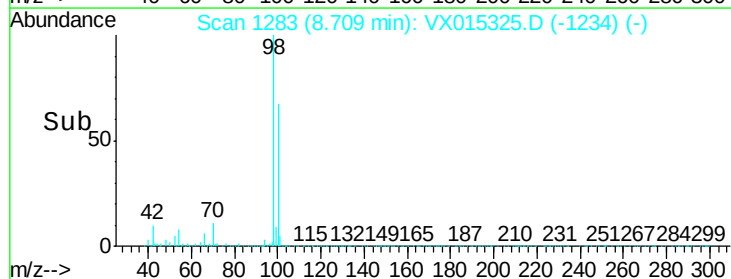
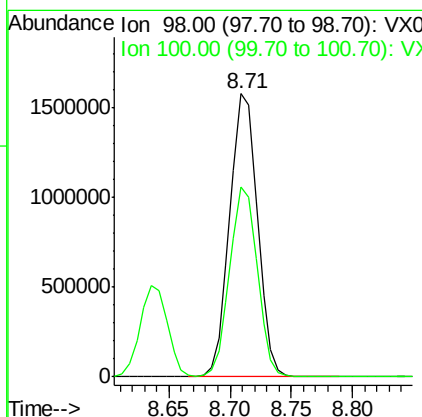
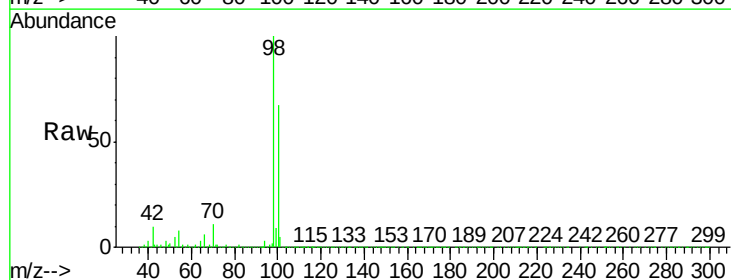
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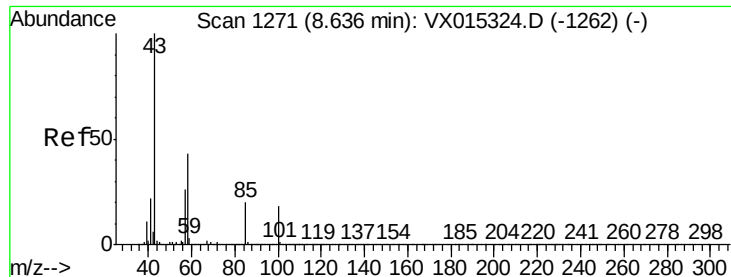
MMDadoda
3/19/2020 12:00:56 PM



#50
Toluene-d8
Concen: 101.681 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 482.663 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4307725

Ion Ratio Lower Upper

43 100

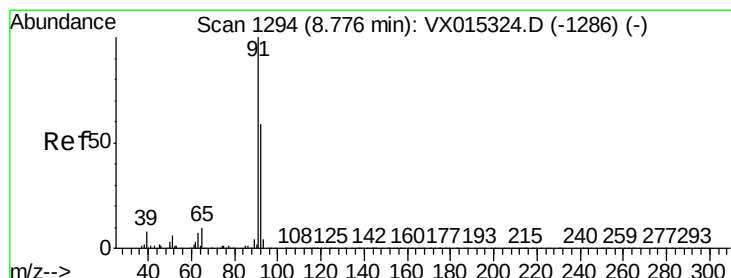
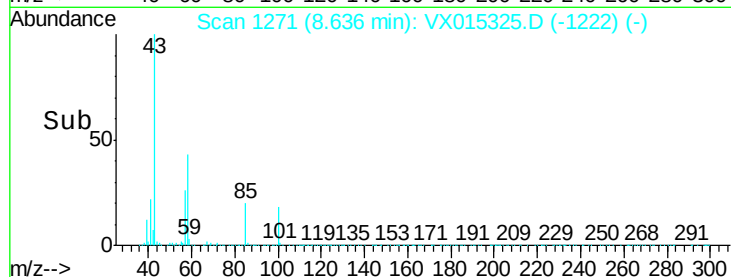
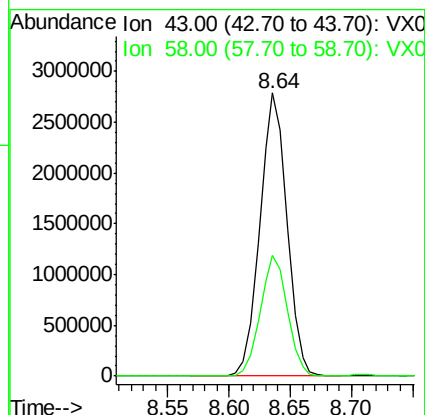
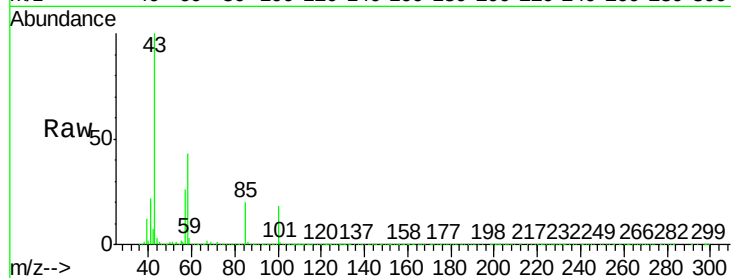
58 42.7 34.6 51.8

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#52

Toluene

Concen: 105.905 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015325.D

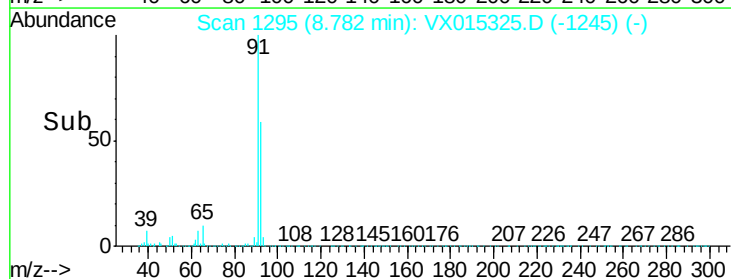
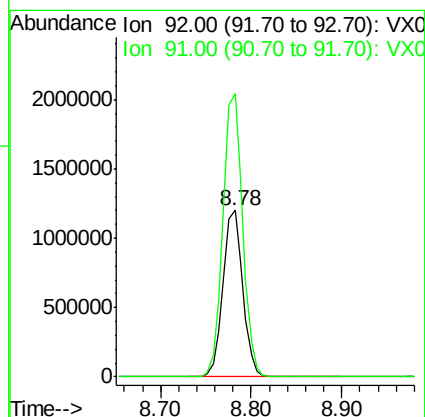
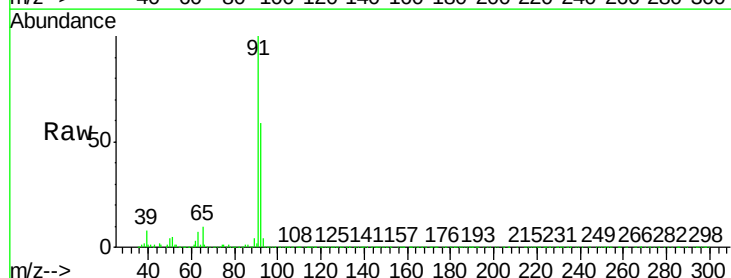
Acq: 18 Mar 2020 14:09

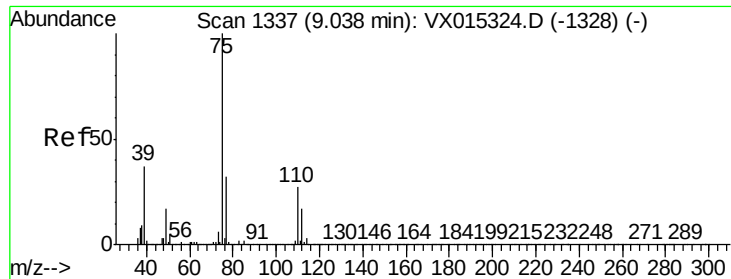
Tgt Ion: 92 Resp: 1821881

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 111.243 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 75 Resp: 1096794

Ion Ratio Lower Upper

75 100

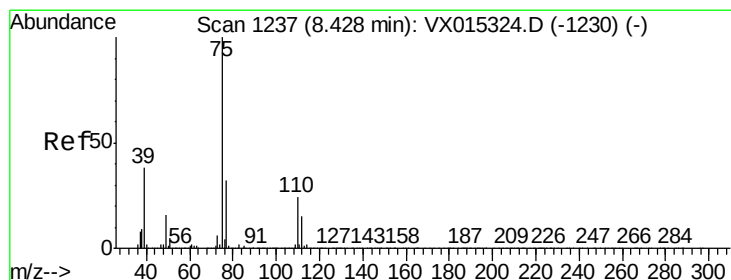
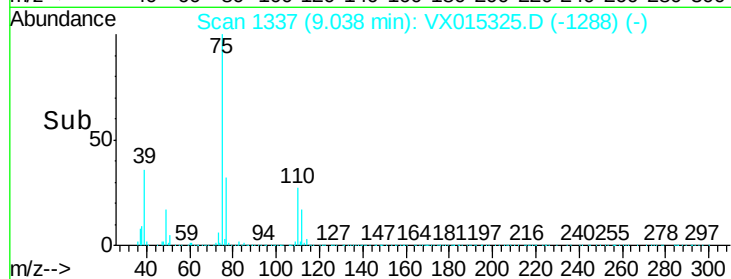
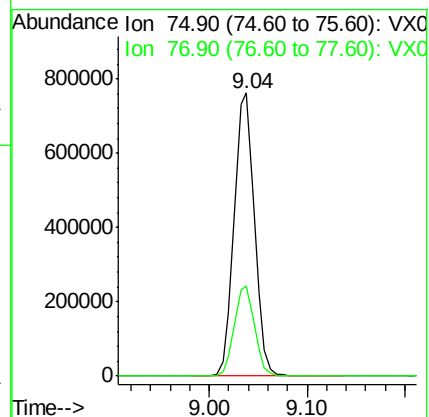
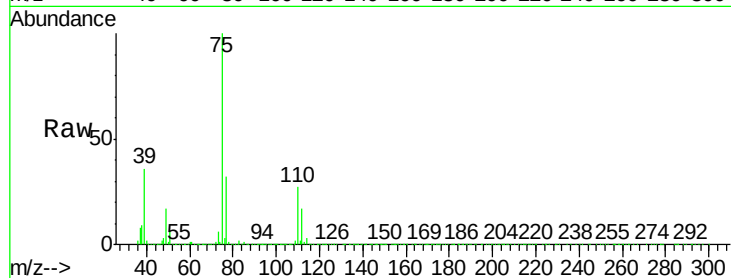
77 31.9 25.8 38.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 104.423 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

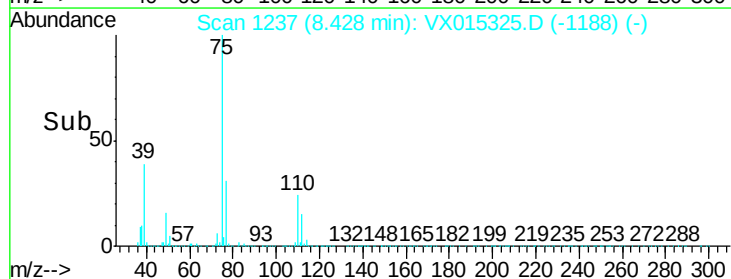
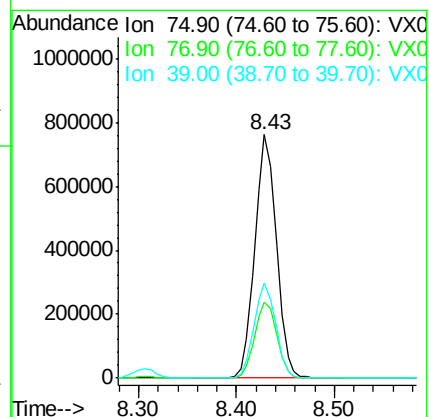
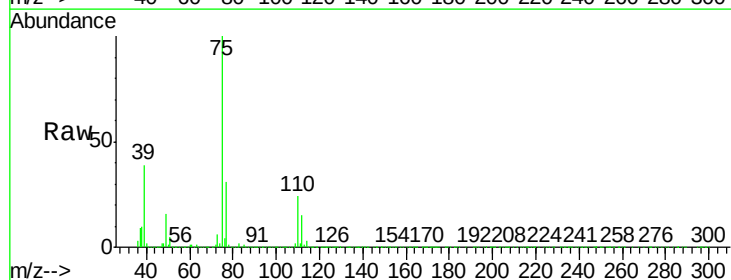
Tgt Ion: 75 Resp: 1171842

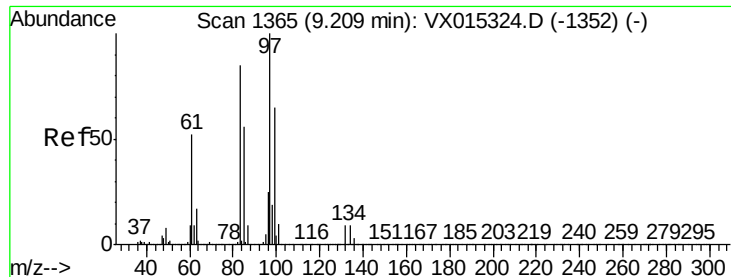
Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

39 39.2 30.2 45.2





#55

1,1,2-Trichloroethane

Concen: 107.535 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

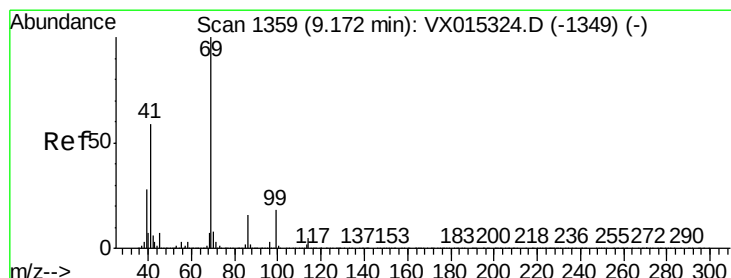
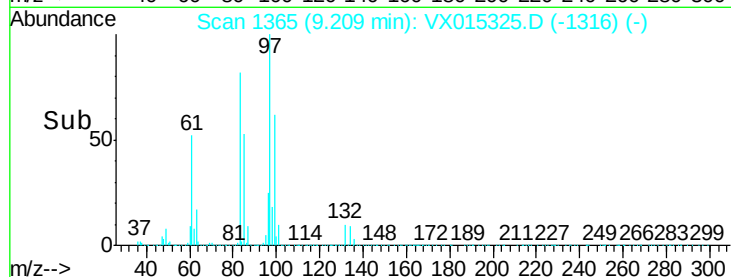
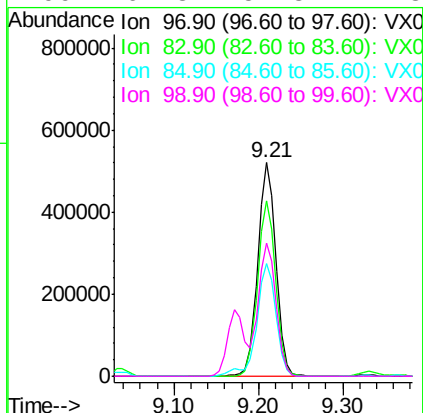
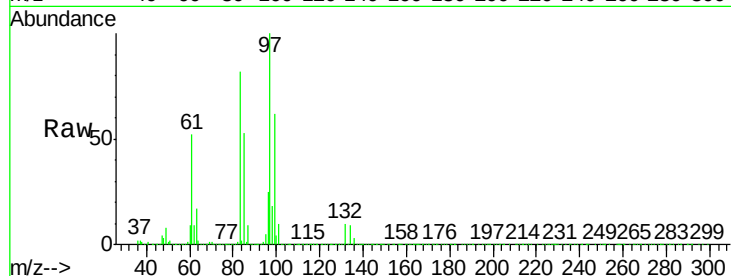
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	82.3	67.7	101.5	
85	52.9	44.5	66.7	
99	62.3	51.8	77.8	

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#56

Ethyl methacrylate

Concen: 116.599 ug/l

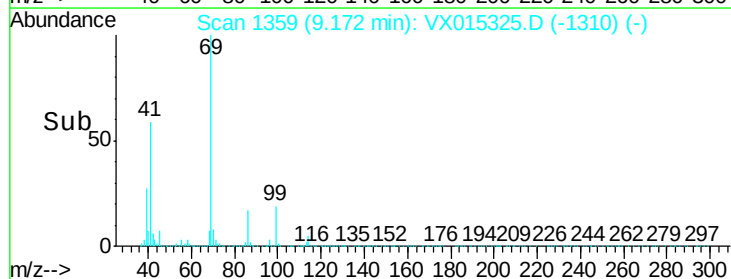
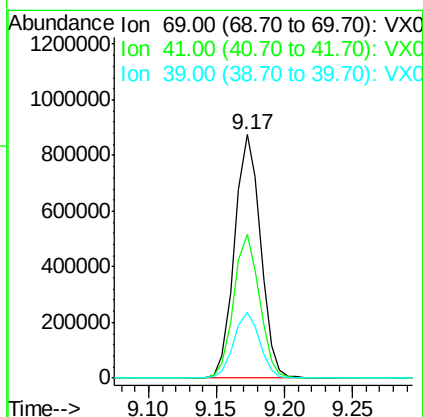
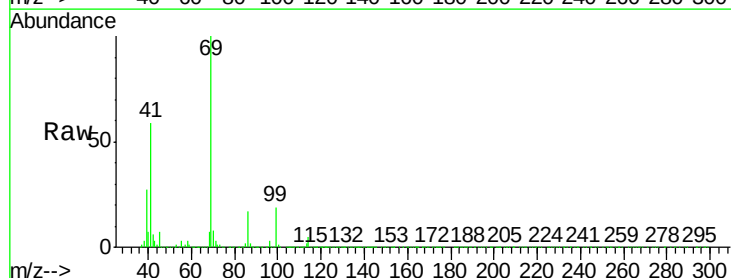
RT: 9.17 min Scan# 1359

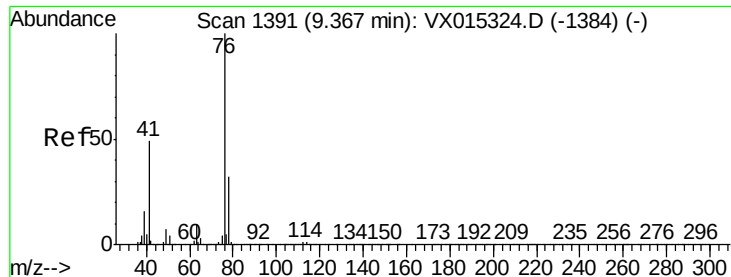
Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	59.0	47.5	71.3	
39	27.1	23.0	34.4	





#57

1,3-Dichloropropane

Concen: 105.581 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1254624

Ion Ratio Lower Upper

76 100

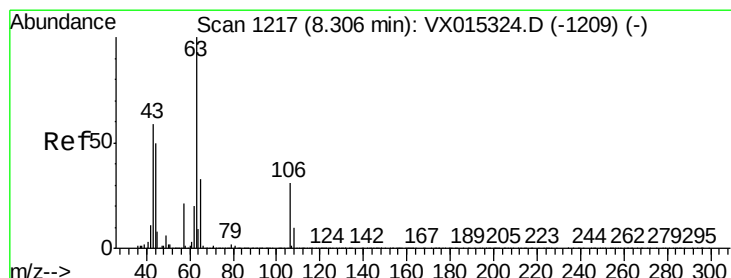
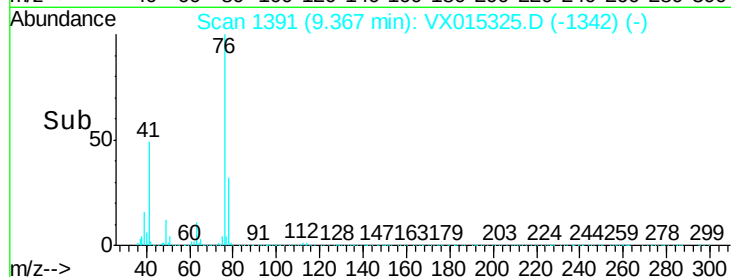
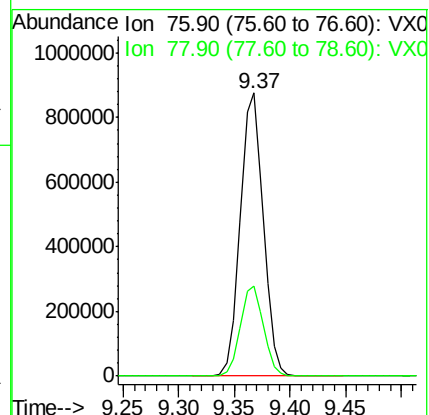
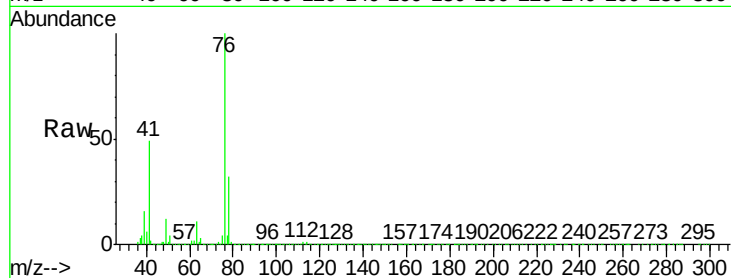
78 32.1 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 515.577 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015325.D

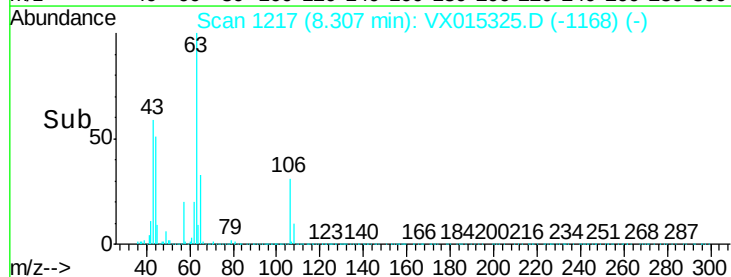
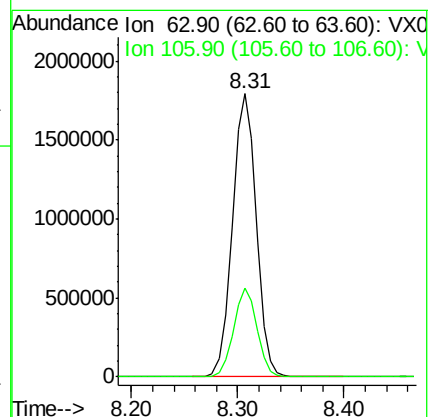
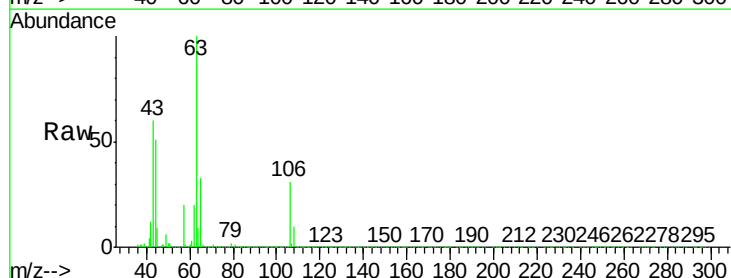
Acq: 18 Mar 2020 14:09

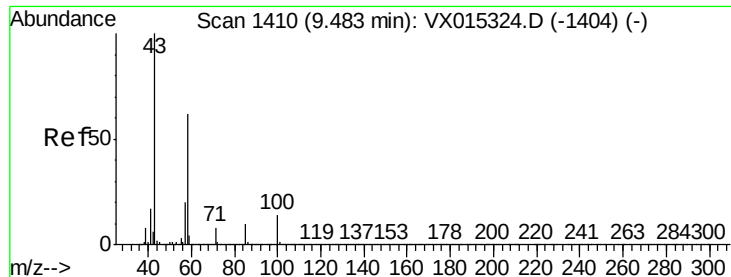
Tgt Ion: 63 Resp: 2803613

Ion Ratio Lower Upper

63 100

106 30.8 24.3 36.5





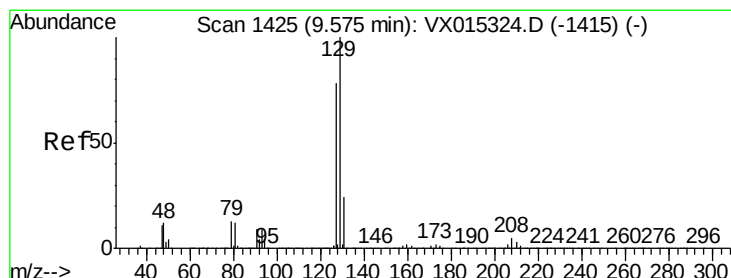
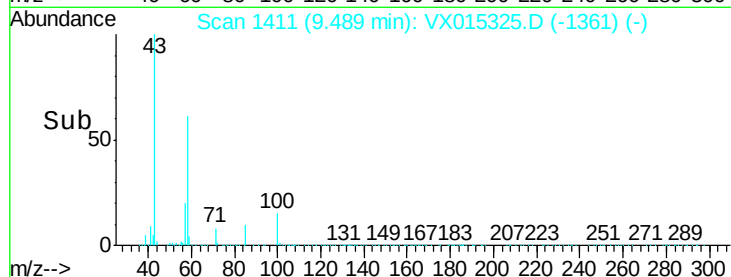
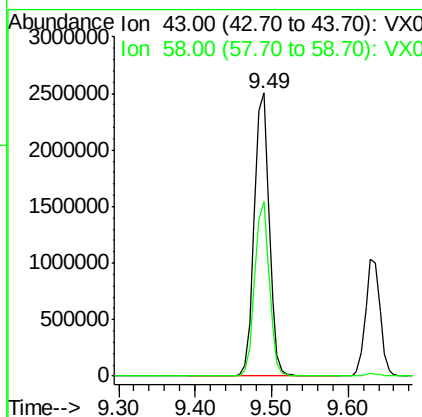
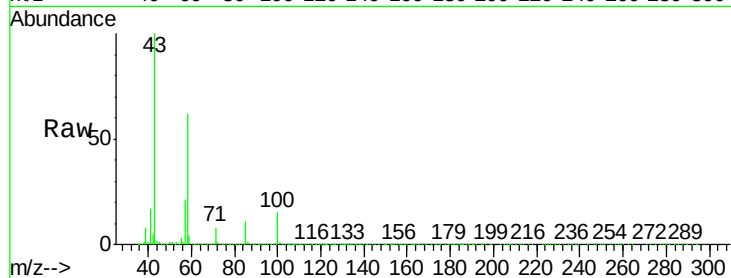
#59
2-Hexanone
Concen: 520.557 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 3437457
Ion Ratio Lower Upper
43 100
58 60.4 30.3 90.8

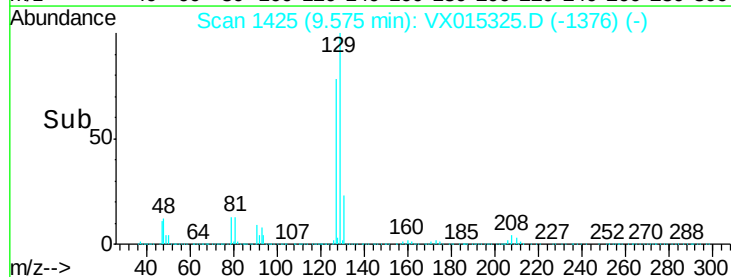
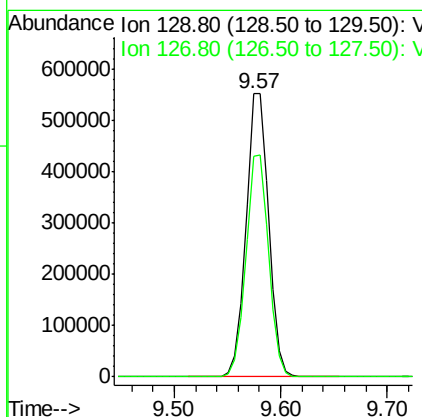
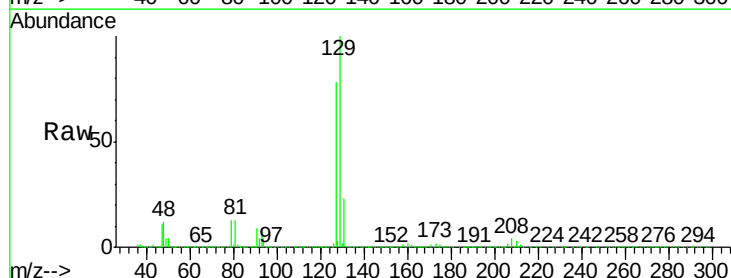
Manual Integrations
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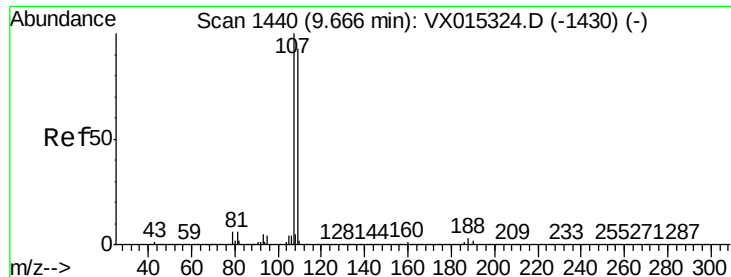
MMDadoda
3/19/2020 12:00:56 PM



#60
Dibromochloromethane
Concen: 111.503 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion: 129 Resp: 825848
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.9





#61

1,2-Dibromoethane

Concen: 109.195 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 818027

Ion Ratio Lower Upper

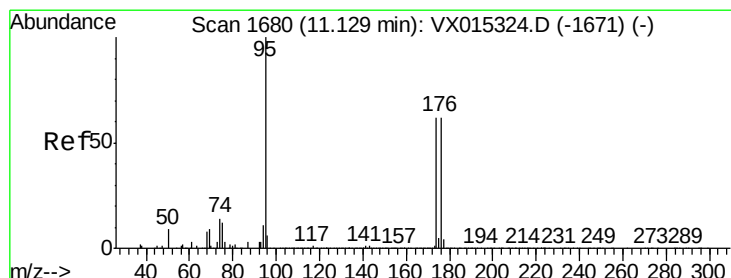
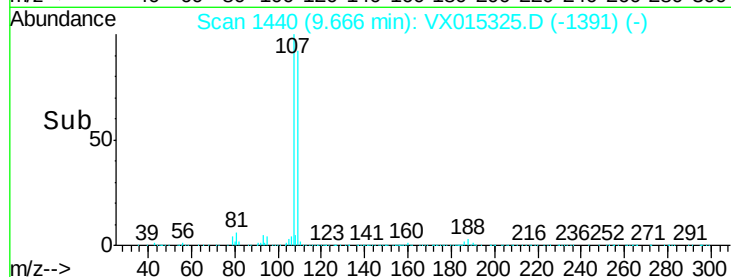
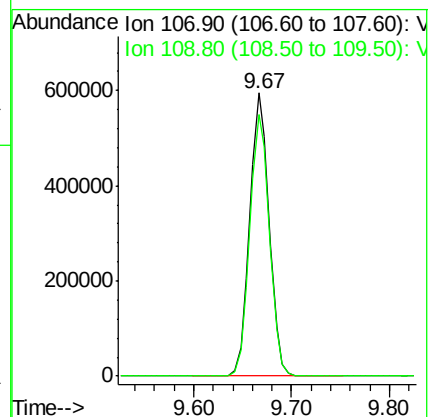
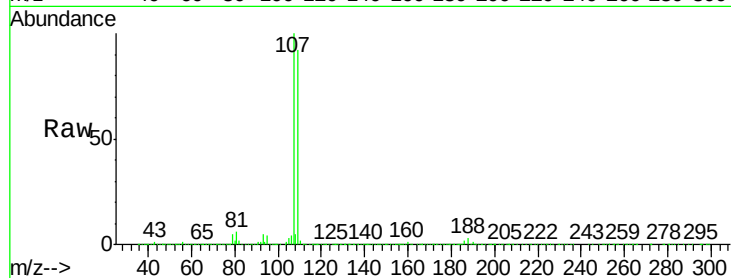
107 100

109 93.5 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 110.454 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

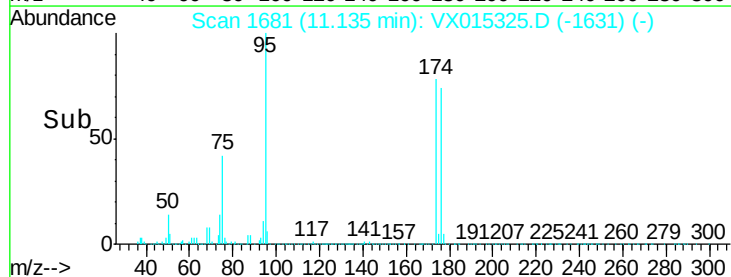
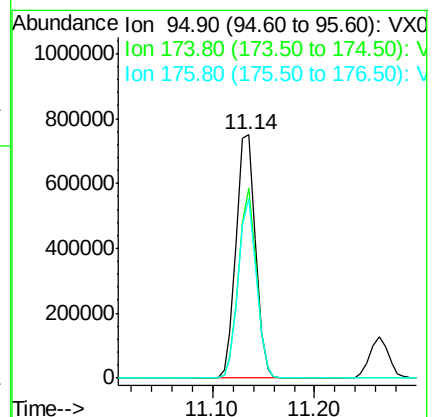
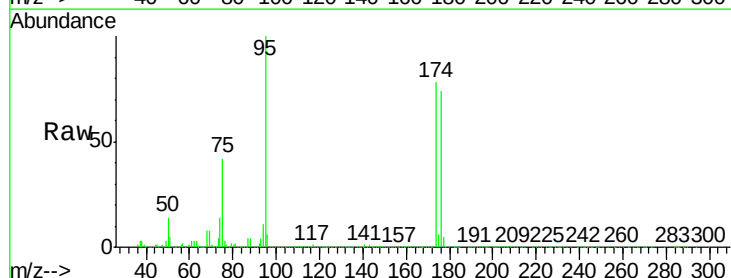
Tgt Ion: 95 Resp: 978912

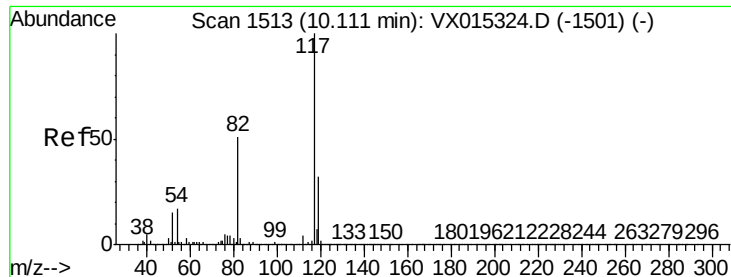
Ion Ratio Lower Upper

95 100

174 71.8 0.0 145.6

176 69.1 0.0 141.6





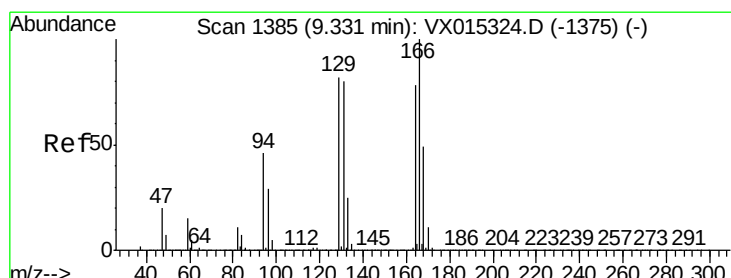
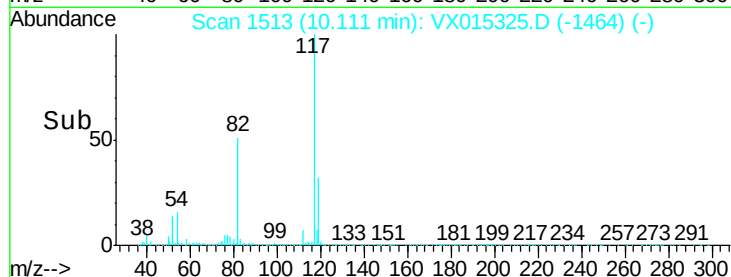
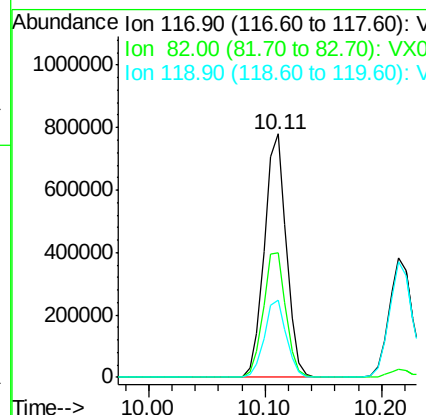
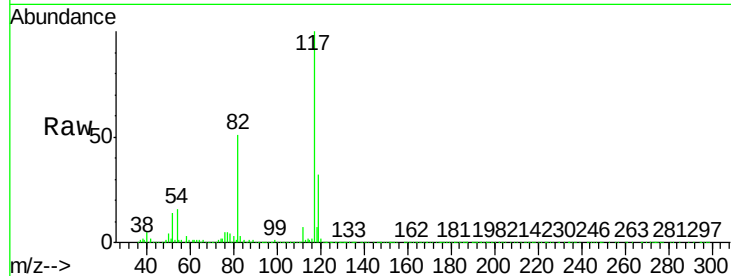
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.6	60.8
119	31.9	25.4	38.2

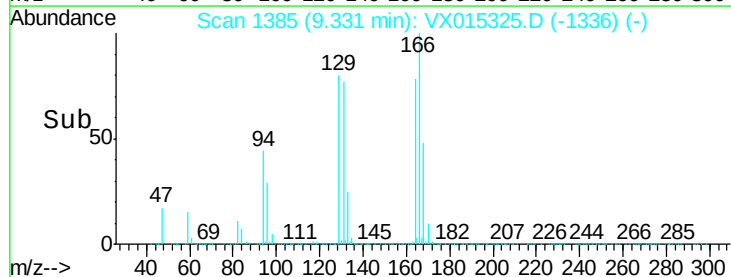
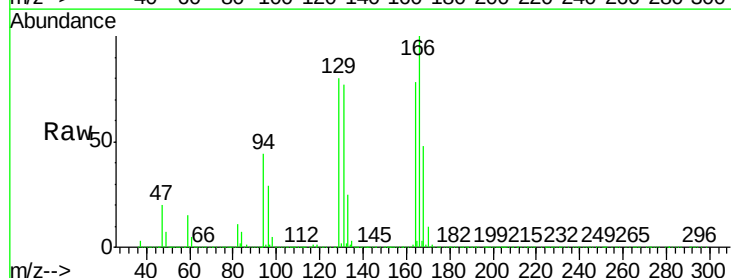
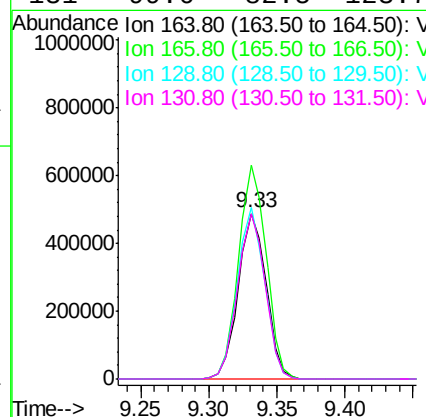
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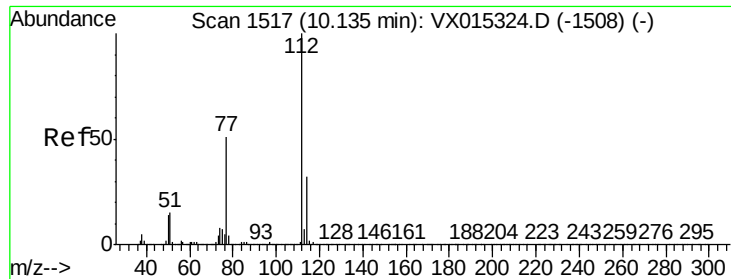
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#64
Tetrachloroethene
Concen: 84.197 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.6	153.8
129	103.5	84.5	126.7
131	99.6	82.5	123.7





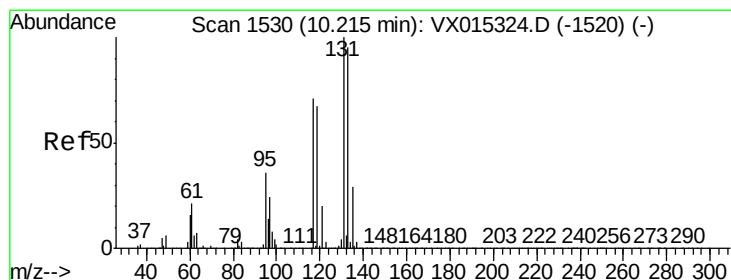
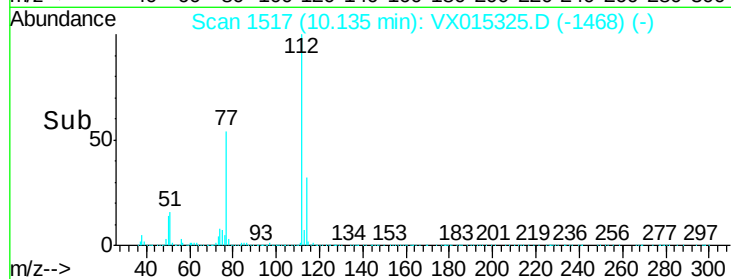
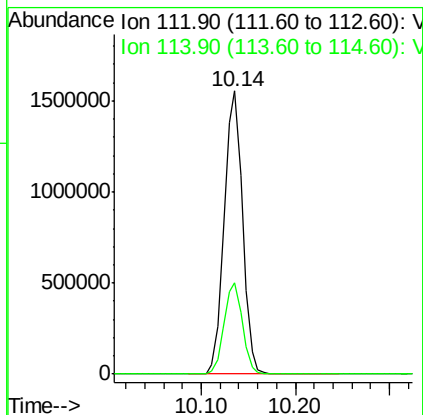
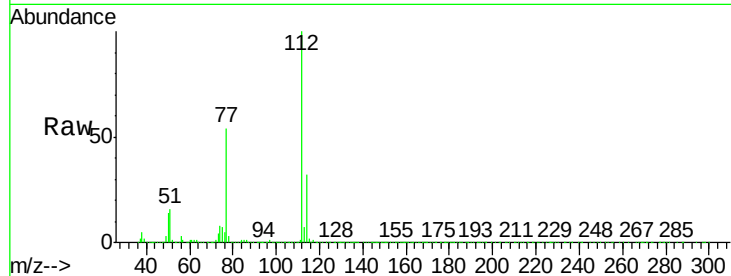
#65
Chlorobenzene
Concen: 100.491 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 2092046
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

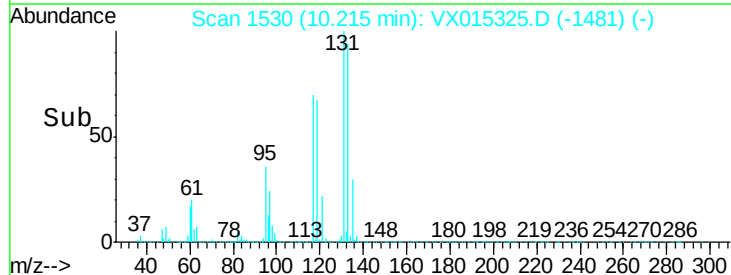
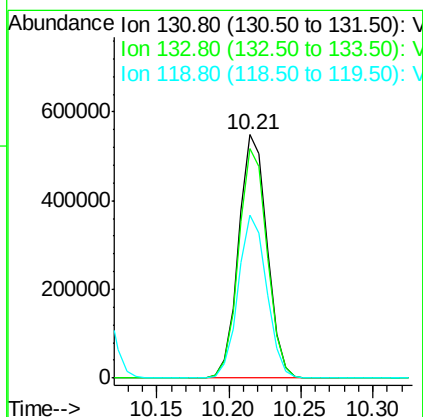
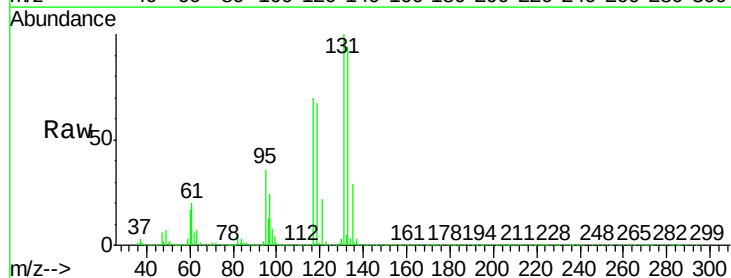
Manual Integrations
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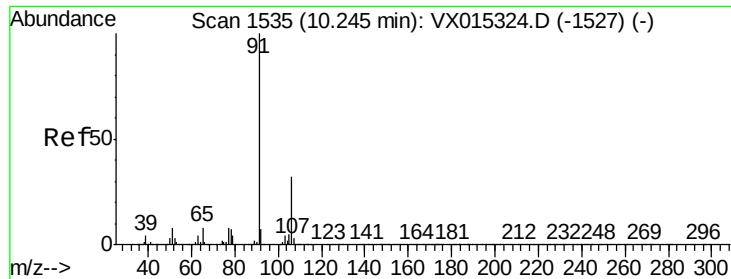
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#66
1,1,1,2-Tetrachloroethane
Concen: 96.507 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion:131 Resp: 750540
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.4
119 66.9 33.8 101.3





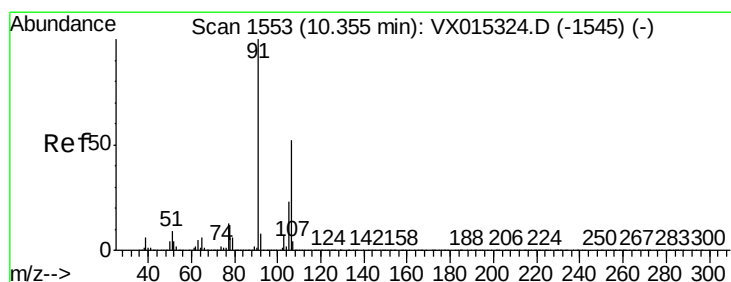
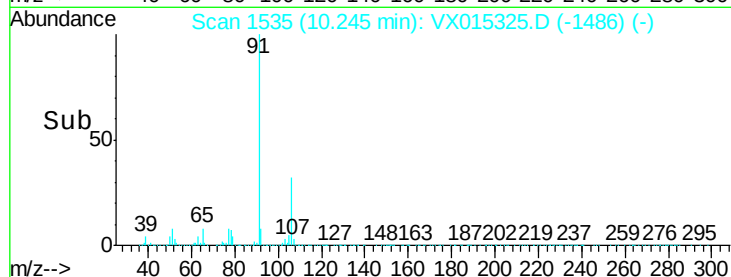
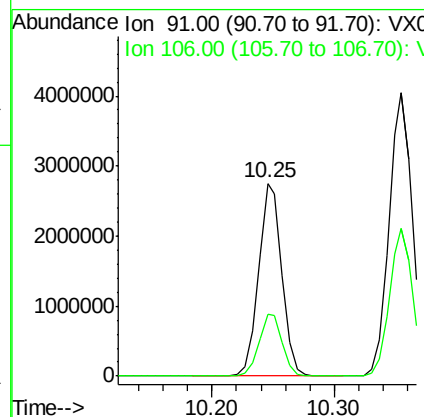
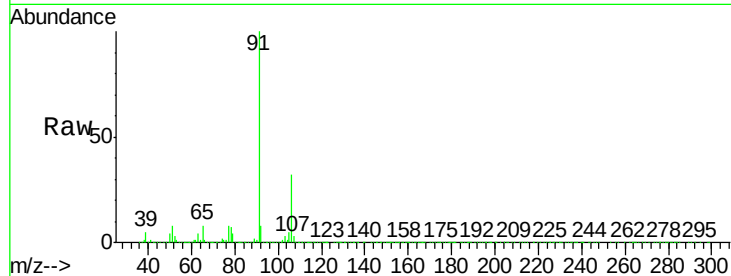
#67
Ethyl Benzene
Concen: 103.093 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 3637953
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6

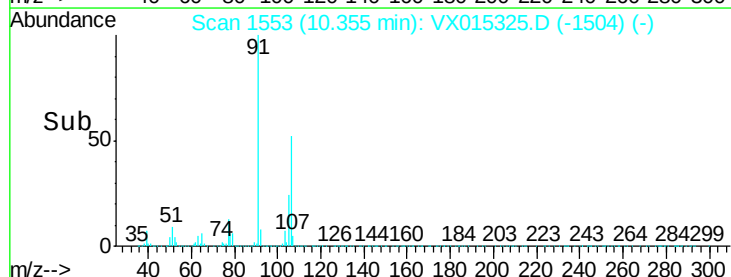
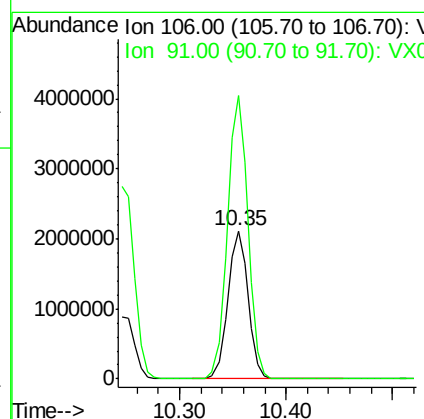
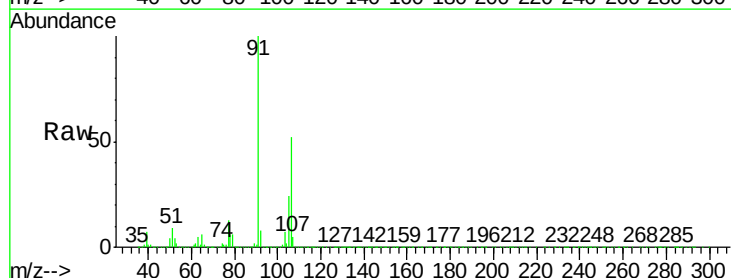
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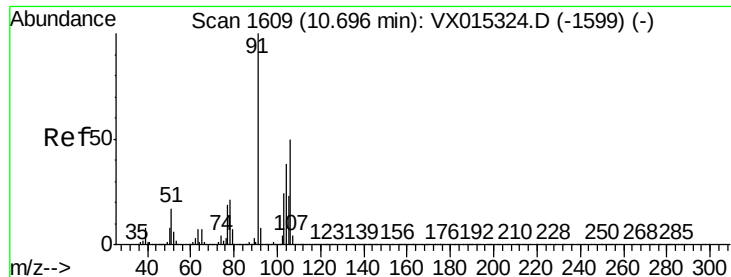
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#68
m/p-Xylenes
Concen: 208.397 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion: 106 Resp: 2804442
Ion Ratio Lower Upper
106 100
91 193.2 155.1 232.7





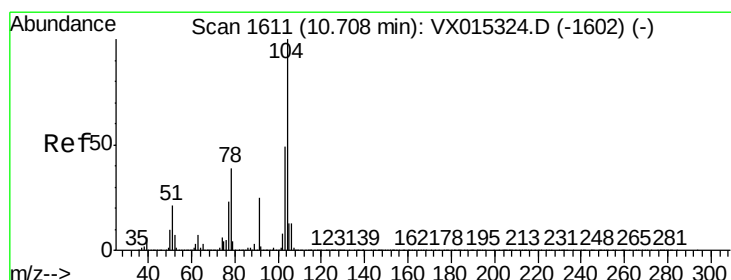
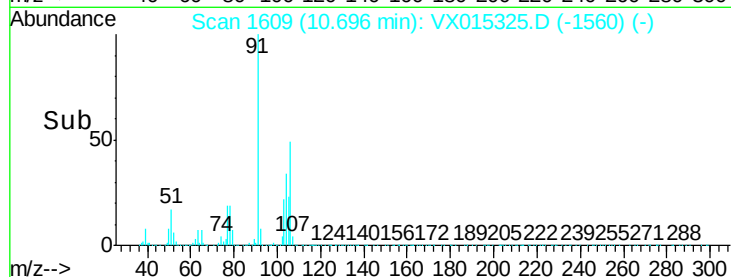
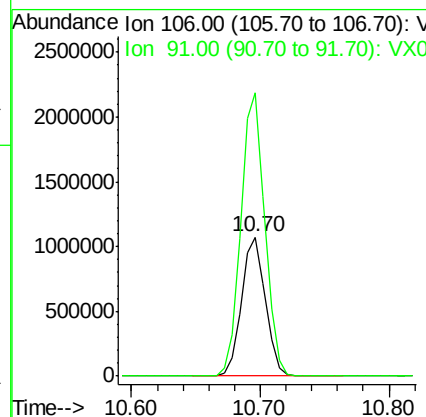
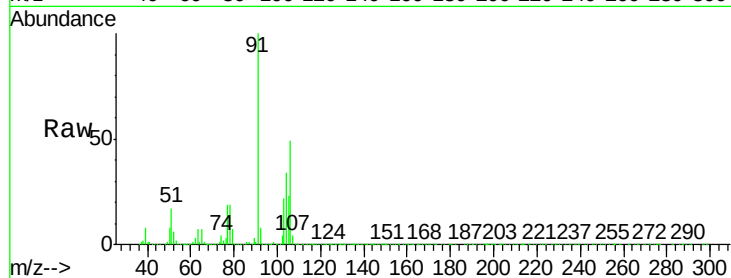
#69
o-Xylene
Concen: 106.563 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1373395
Ion Ratio Lower Upper
106 100
91 204.7 102.3 306.9

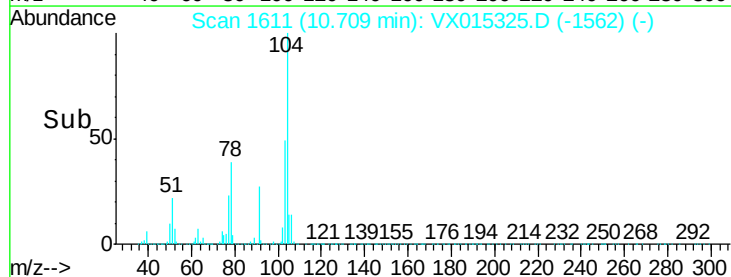
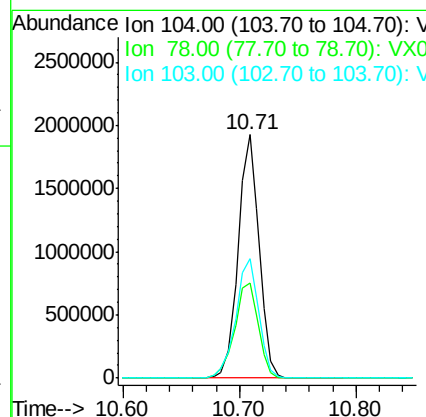
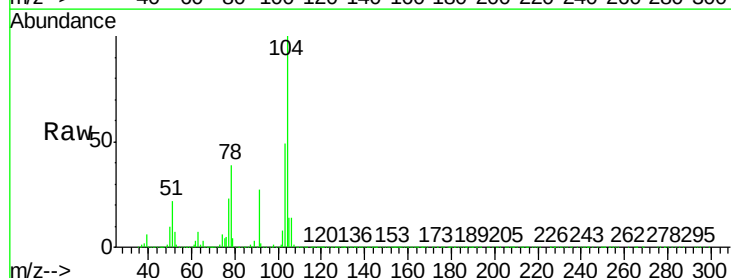
Manual Integrations
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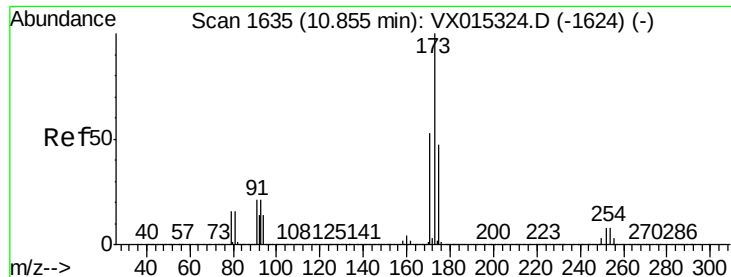
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#70
Styrene
Concen: 108.800 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion:104 Resp: 2403909
Ion Ratio Lower Upper
104 100
78 44.9 36.0 54.0
103 54.0 43.4 65.0





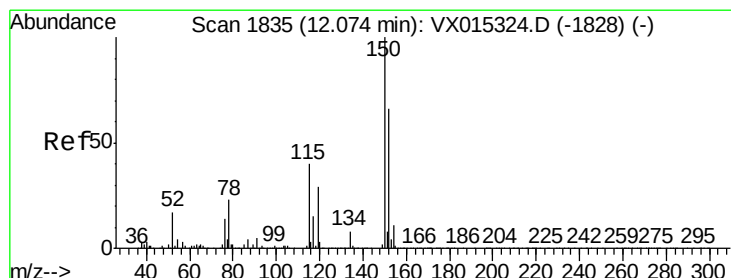
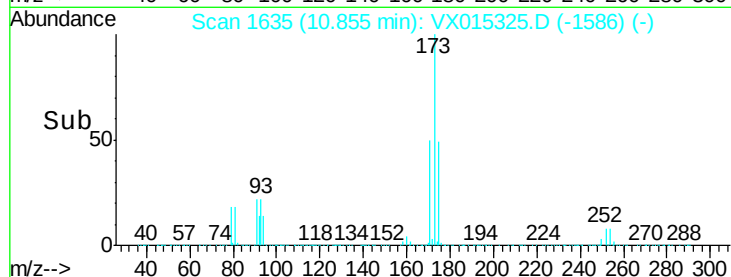
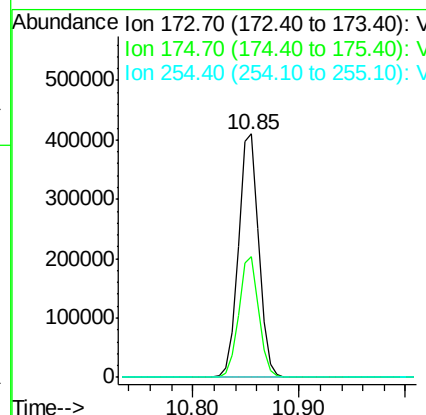
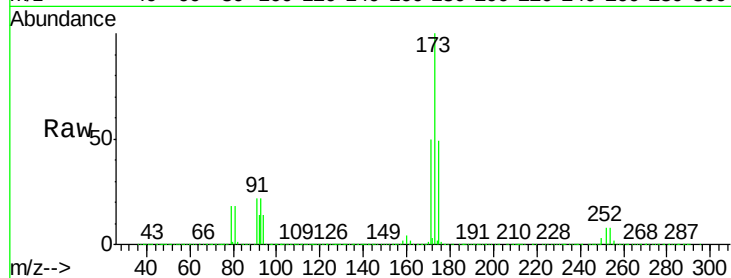
#71
Bromoform
Concen: 92.548 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.4	70.2
254	0.1	0.2	0.2

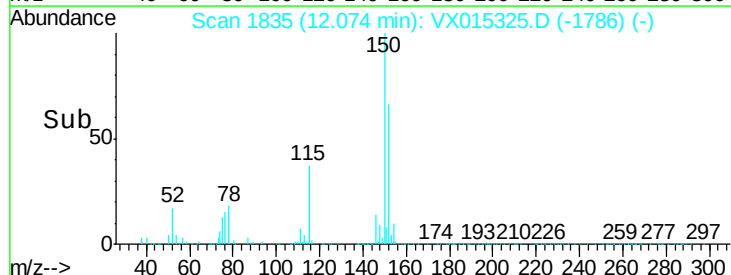
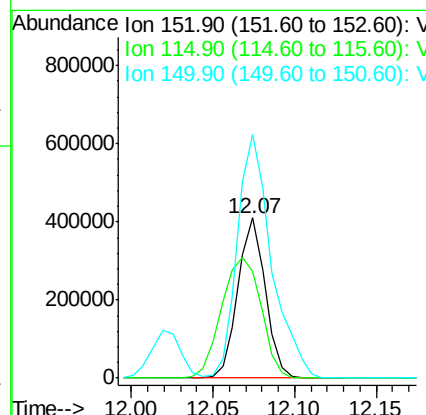
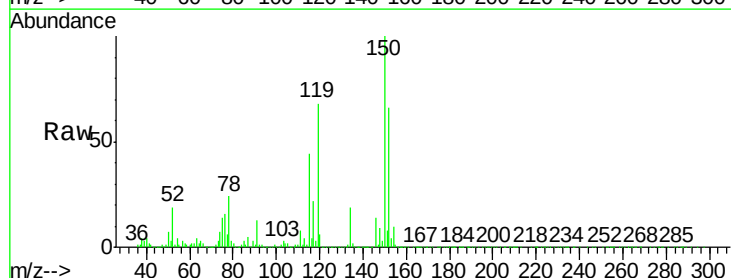
Manual Integrations
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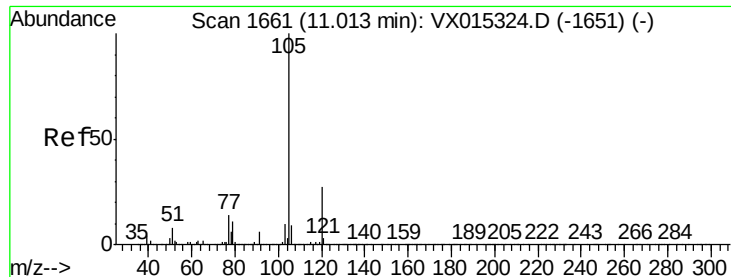
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	108.7	41.9	125.8
150	188.9	0.0	347.6





#73

Isopropylbenzene

Concen: 114.035 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 3570971

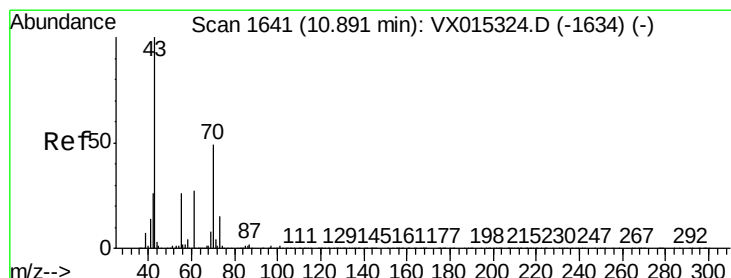
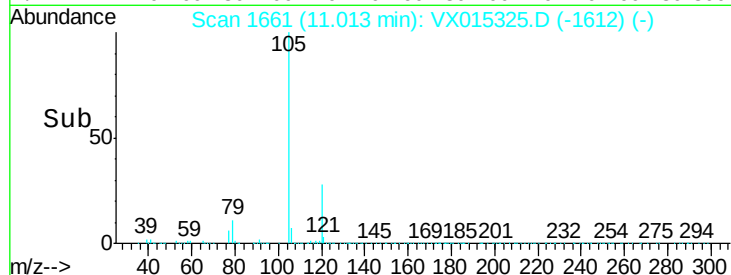
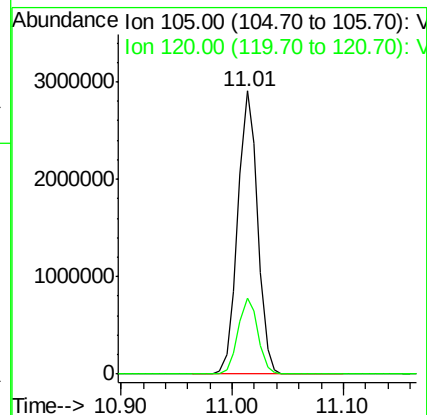
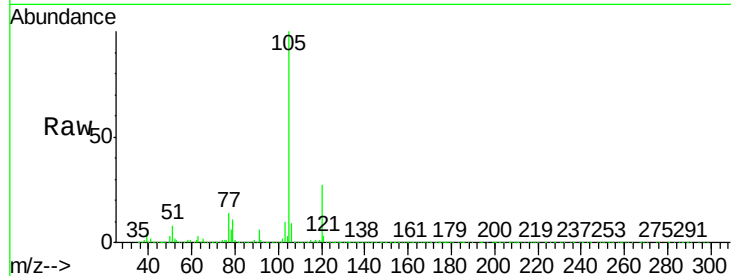
Ion Ratio Lower Upper

105 100

120 27.1 13.9 41.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 108.229 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tgt Ion: 43 Resp: 1383106

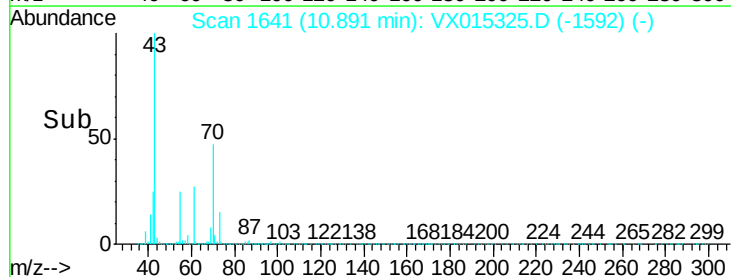
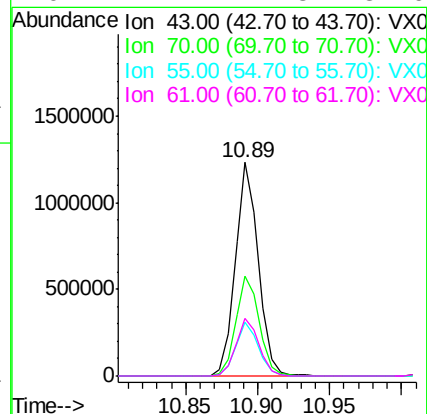
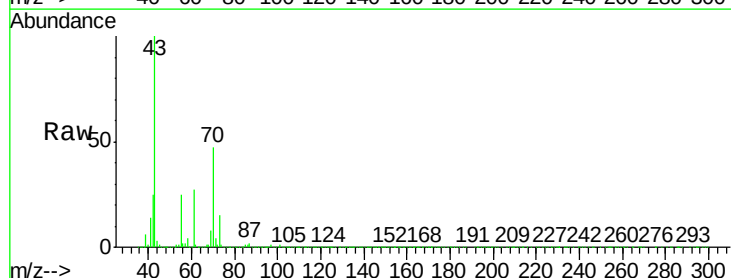
Ion Ratio Lower Upper

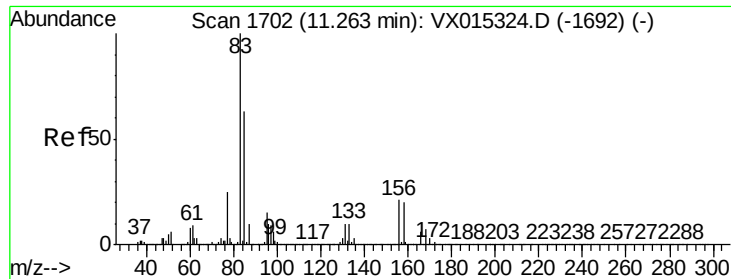
43 100

70 48.0 38.6 58.0

55 25.3 21.2 31.8

61 27.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 106.766 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 83 Resp: 1109445

Ion Ratio Lower Upper

83 100

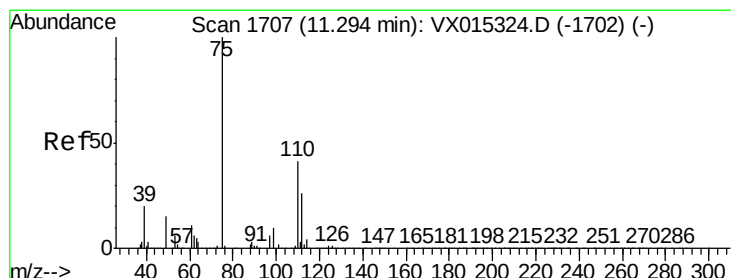
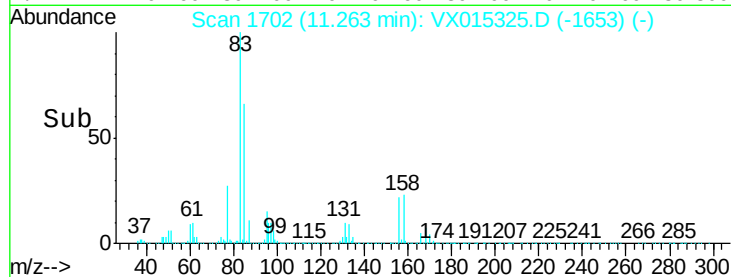
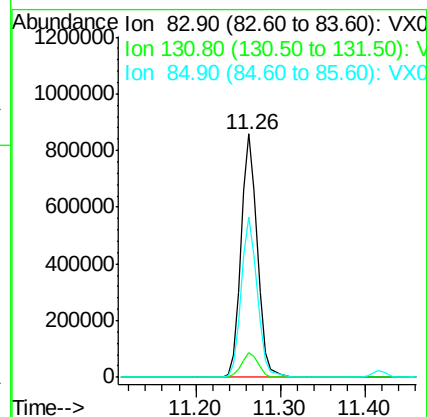
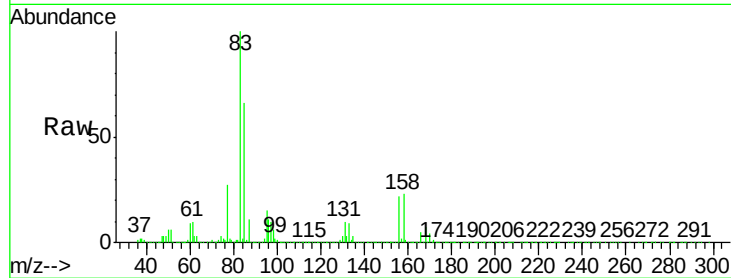
131 10.2 5.1 15.2

85 65.3 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 95.208 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015325.D

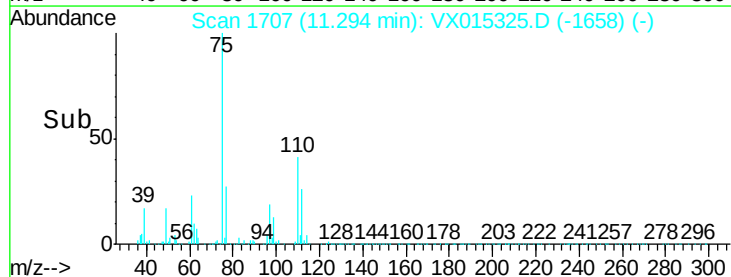
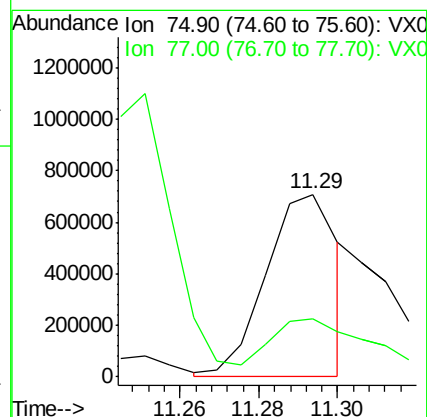
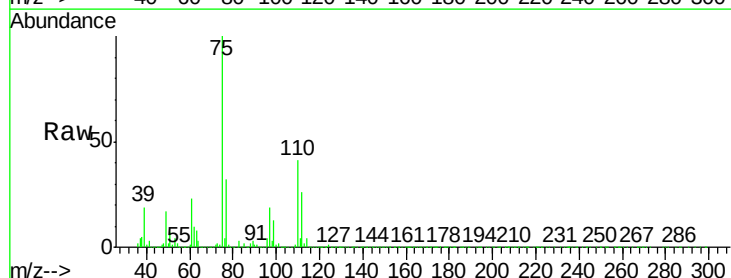
Acq: 18 Mar 2020 14:09

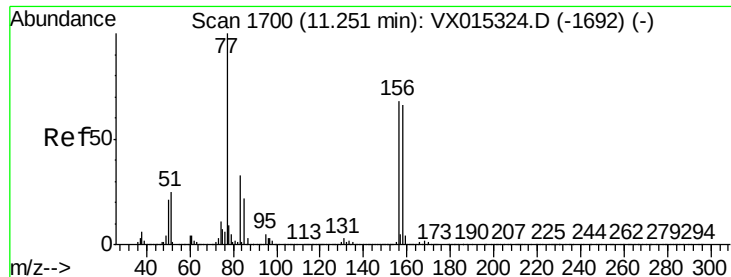
Tgt Ion: 75 Resp: 897220

Ion Ratio Lower Upper

75 100

77 45.1 21.2 63.6





#77

Bromobenzene

Concen: 96.791 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

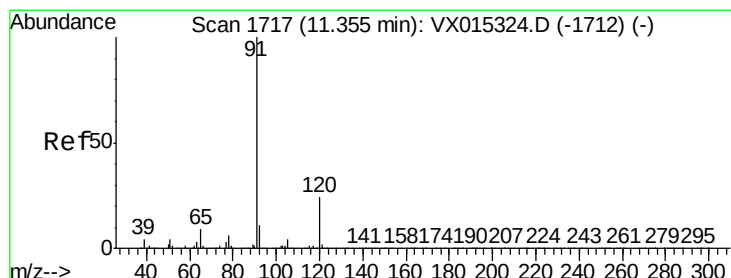
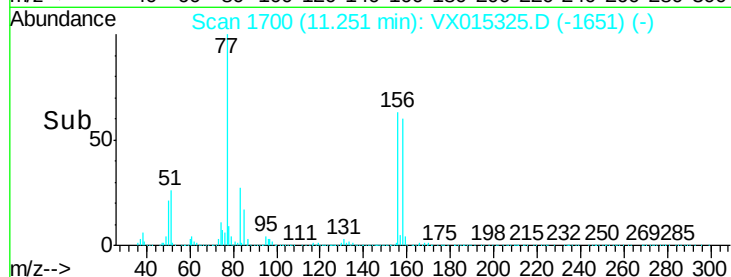
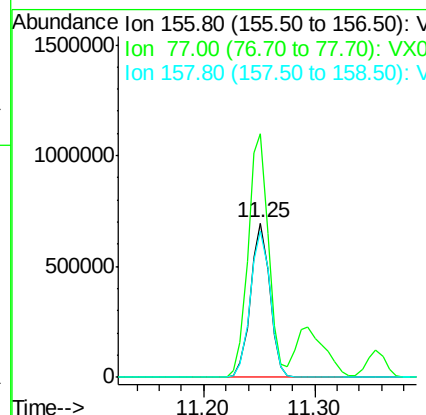
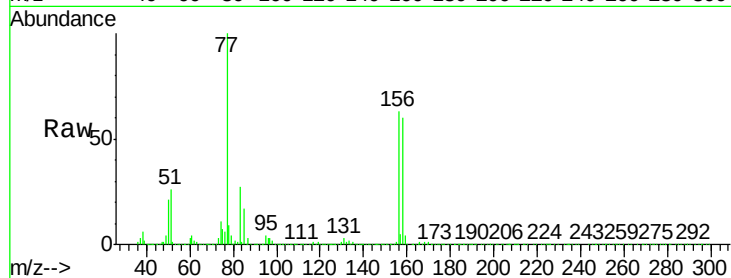
ClientSampleId :

VSTDICC100

Tot Ion:	156	Resp:	831047
Ion Ratio	Lower	Upper	
156	100		
77	167.7	81.4	244.2
158	98.3	48.6	145.9

Manual Integrations
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3/19/2020 12:00:56 PM



#78

n-propylbenzene

Concen: 112.261 ug/l

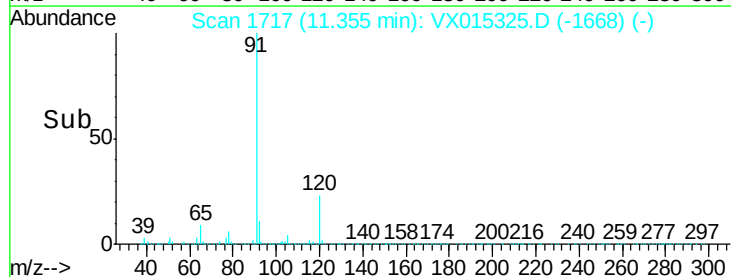
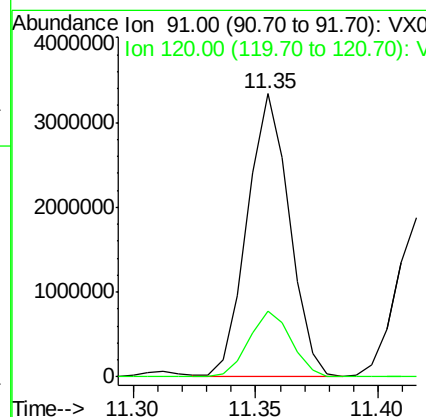
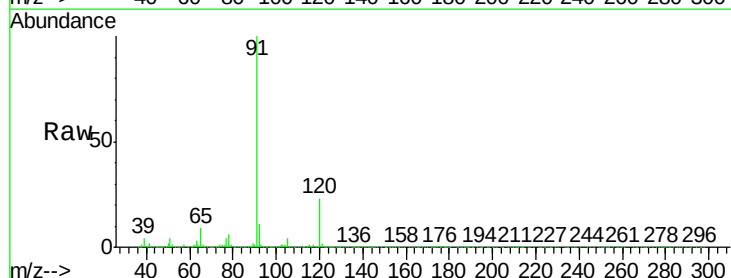
RT: 11.35 min Scan# 1717

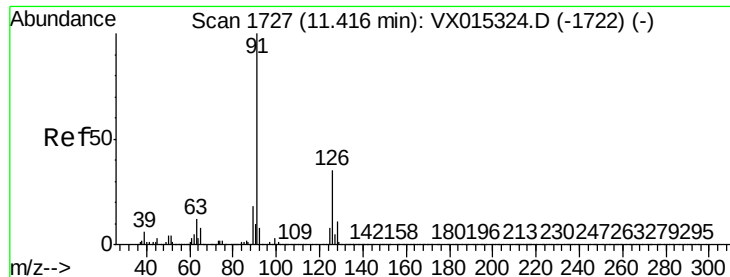
Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tgt Ion:	91	Resp:	3986270
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 108.767 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2313908

Ion Ratio Lower Upper

91 100

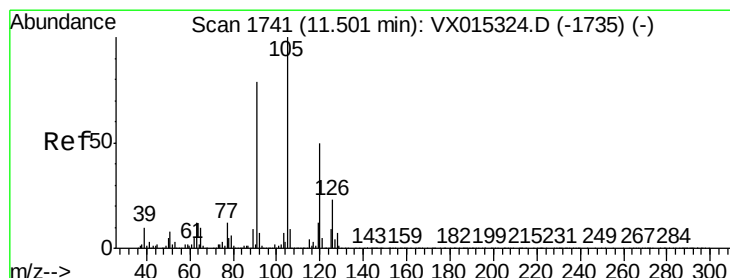
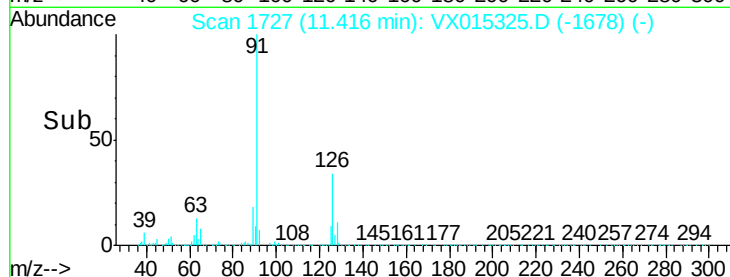
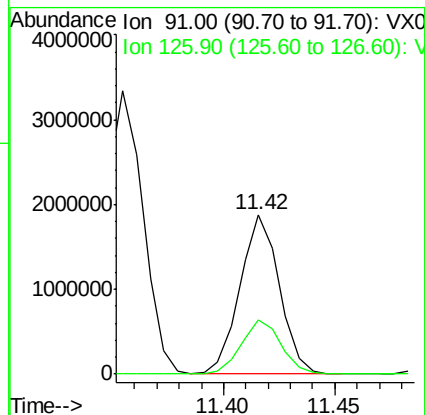
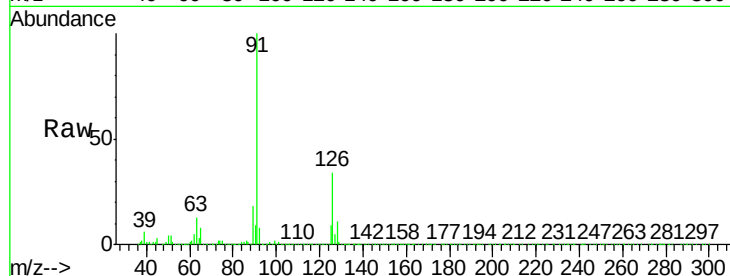
126 34.6 17.2 51.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 111.069 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015325.D

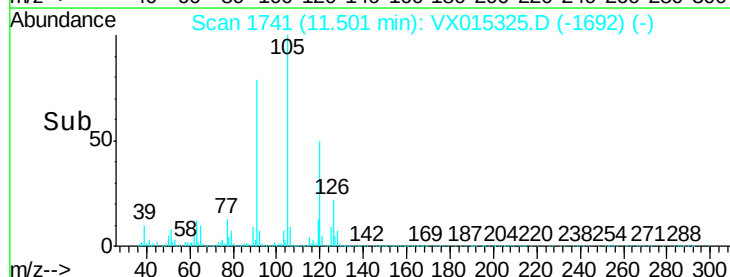
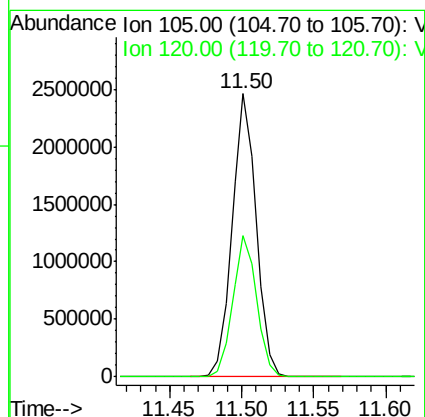
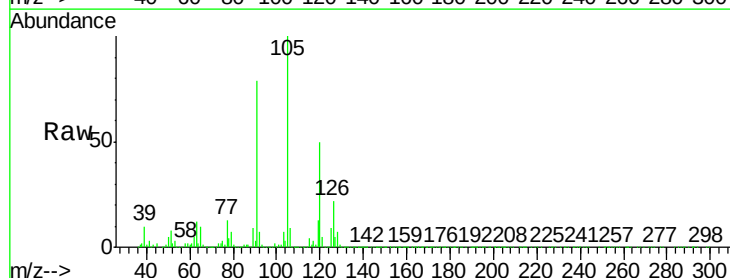
Acq: 18 Mar 2020 14:09

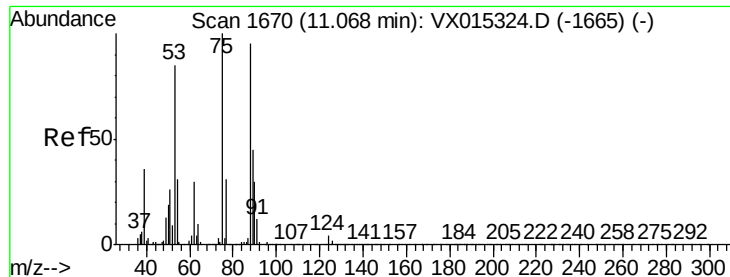
Tgt Ion: 105 Resp: 2878642

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 116.994 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

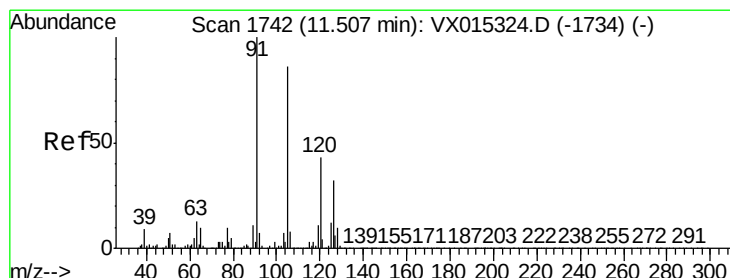
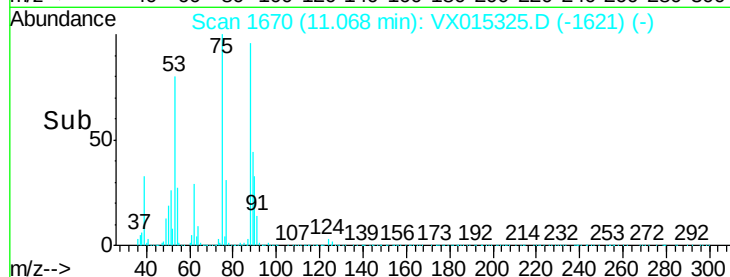
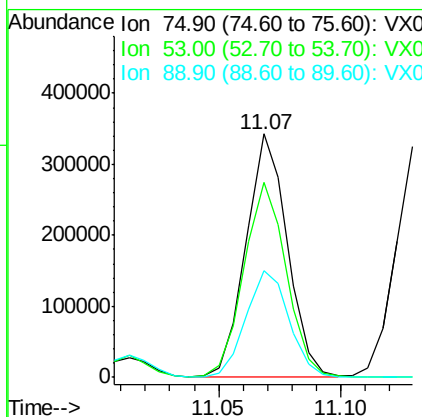
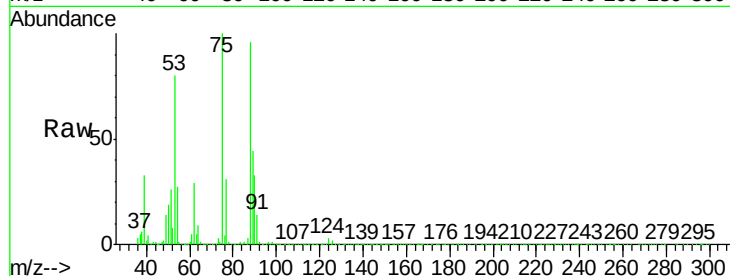
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	401857
Ion Ratio	Lower	Upper	
75	100		
53	82.0	68.0	102.0
89	46.1	37.1	55.7

Manual Integrations
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3/19/2020 12:00:56 PM



#82

4-Chlorotoluene

Concen: 108.947 ug/l

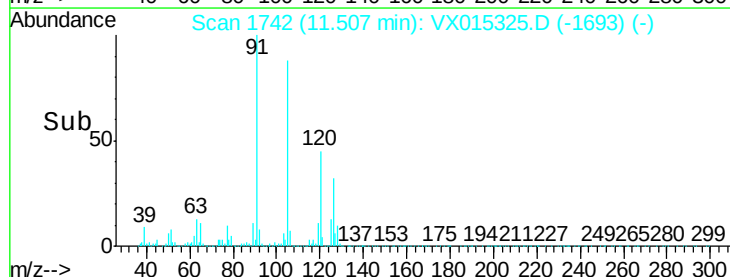
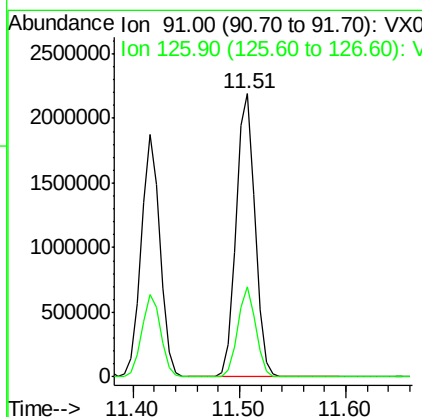
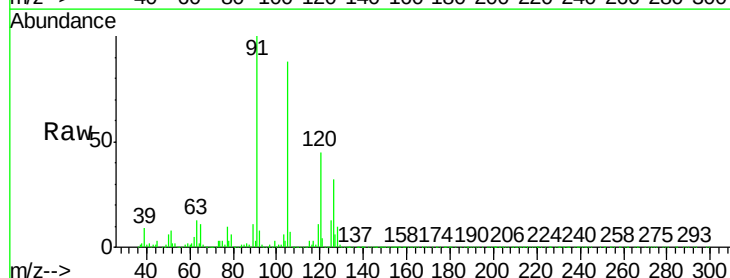
RT: 11.51 min Scan# 1742

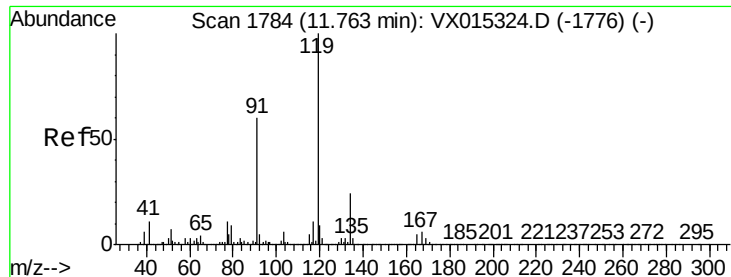
Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Tgt Ion:	91	Resp:	2735557
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.4	46.2





#83

tert-Butylbenzene

Concen: 113.476 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015325.D

Acq: 18 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:119 Resp: 2850402

Ion Ratio Lower Upper

119 100

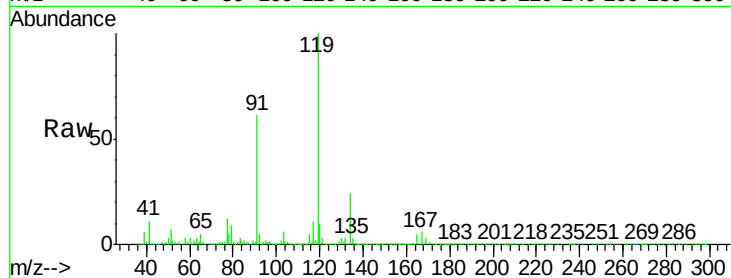
91 55.1 28.1 84.4

134 23.0 11.6 34.8

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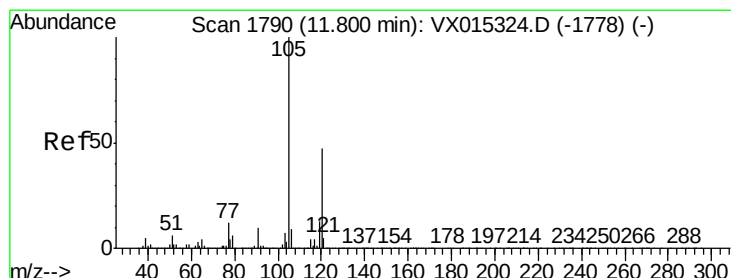
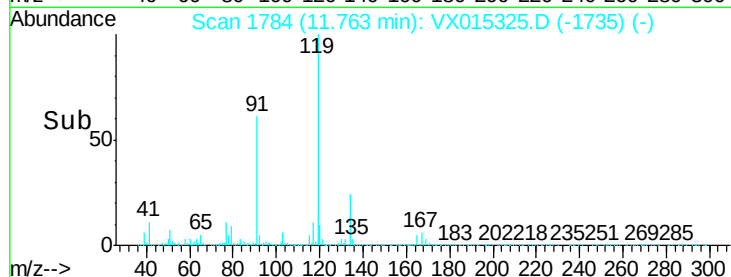
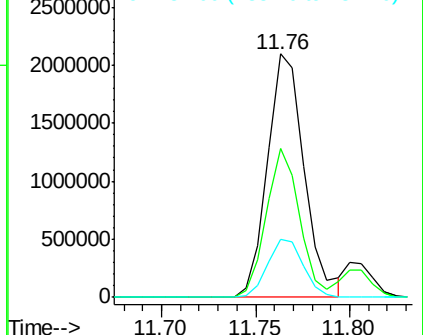
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 114.663 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX015325.D

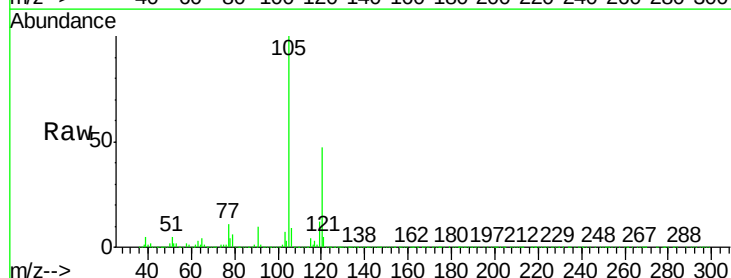
Acq: 18 Mar 2020 14:09

Tgt Ion:105 Resp: 3011001

Ion Ratio Lower Upper

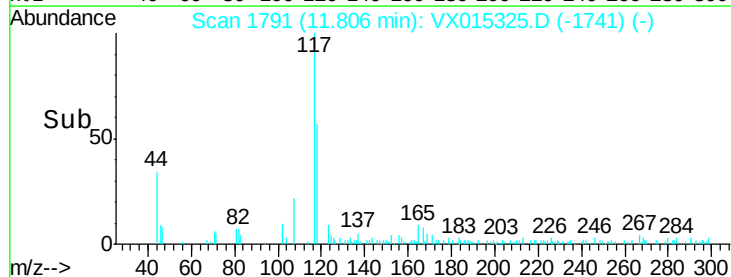
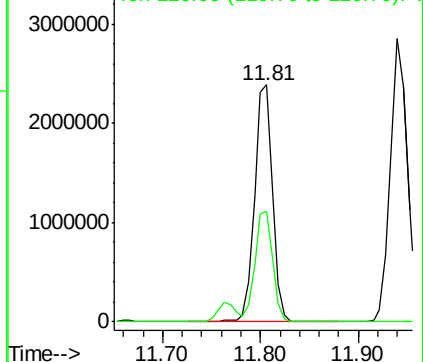
105 100

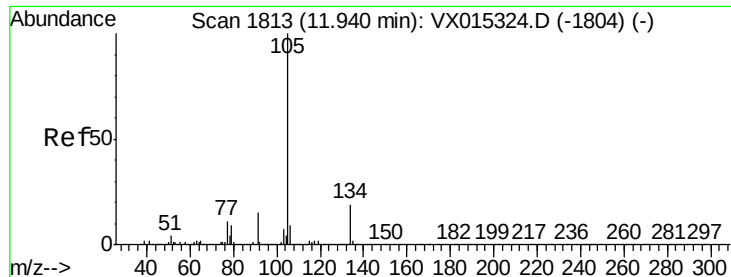
120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





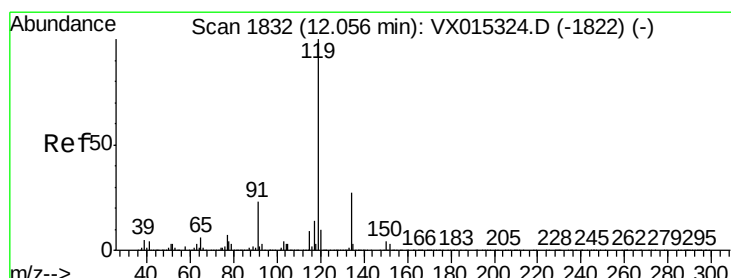
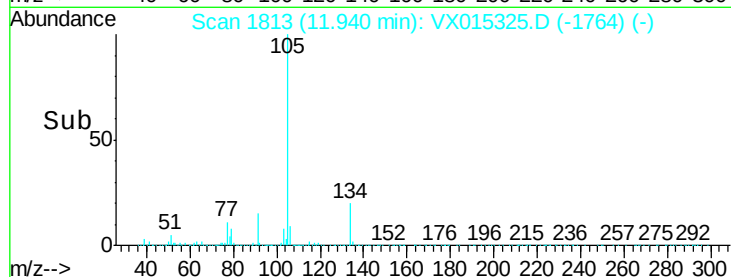
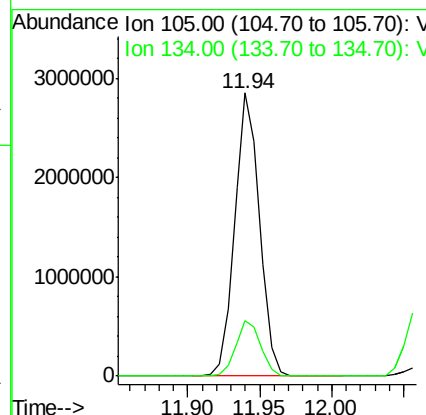
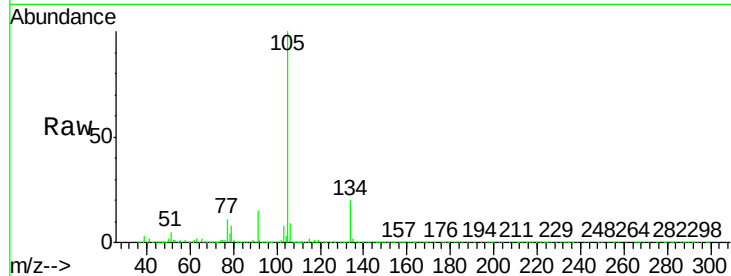
#85
 sec-Butylbenzene
 Concen: 112.454 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 3438578
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

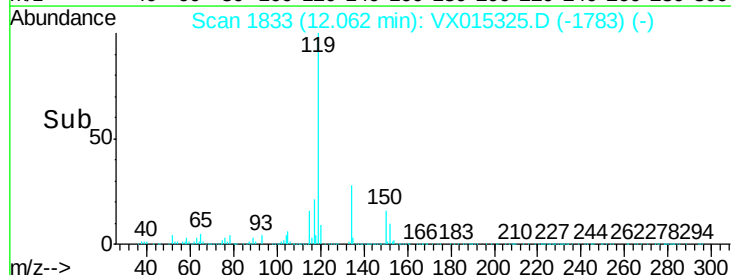
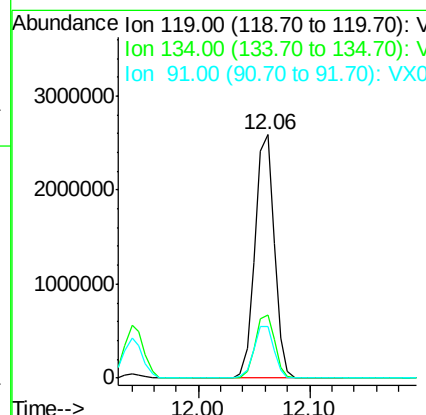
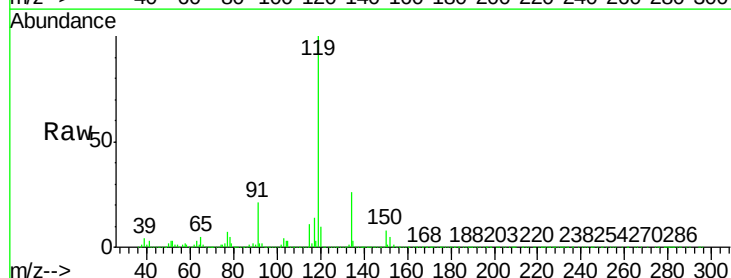
Manual Integrations
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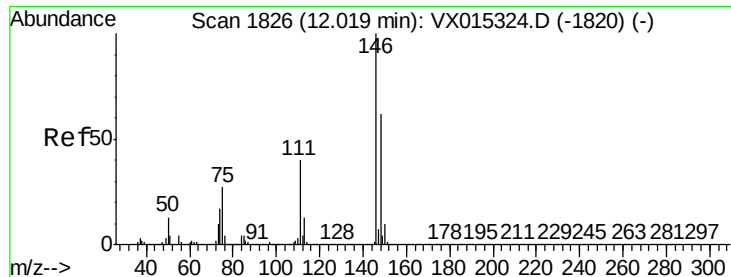
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 3/19/2020 12:00:56 PM



#86
 p-Isopropyltoluene
 Concen: 111.984 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Tgt Ion:119 Resp: 3136067
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 21.9 11.0 33.0





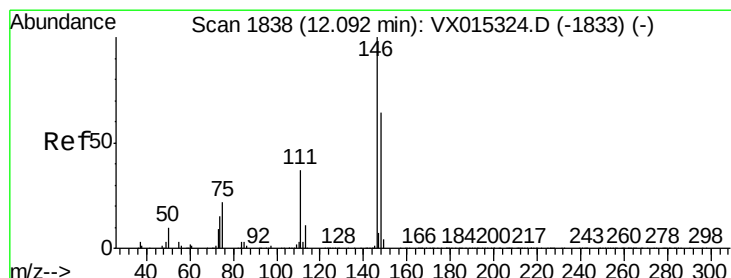
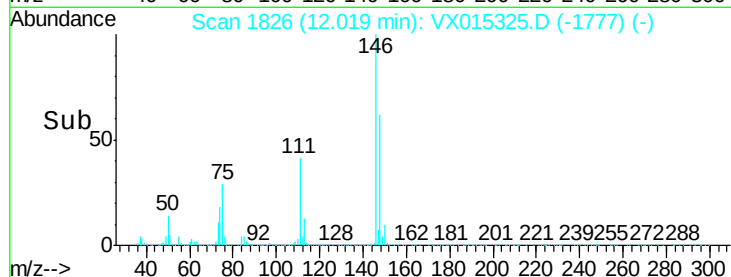
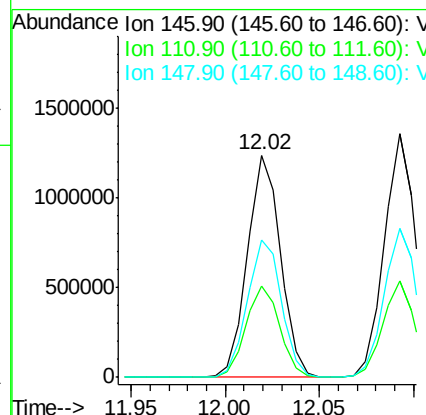
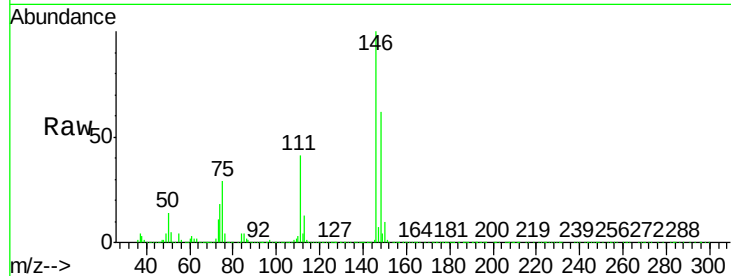
#87
 1,3-Dichlorobenzene
 Concen: 99.148 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	61.0
148	63.7	31.4	94.3

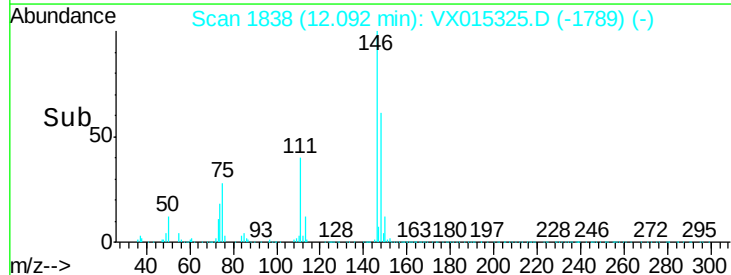
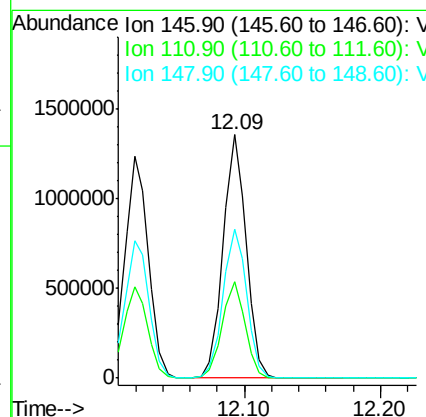
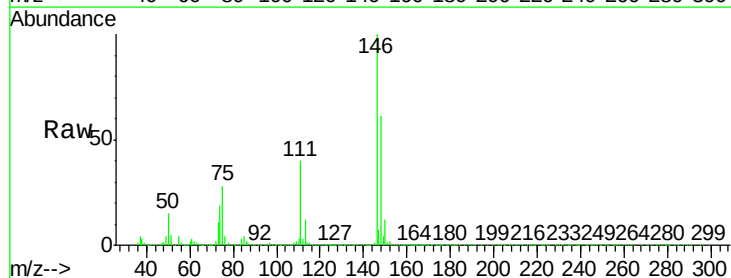
Manual Integrations
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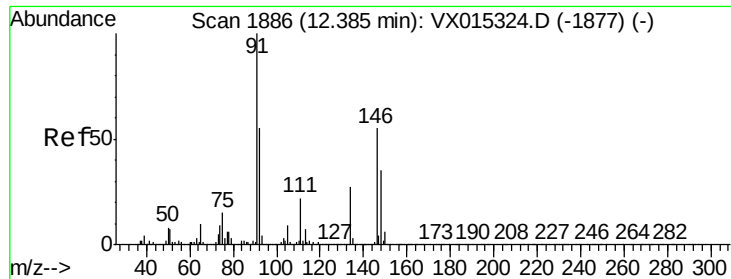
MMDadoda
 3/19/2020 12:00:56 PM



#88
 1,4-Dichlorobenzene
 Concen: 101.620 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	62.7	32.0	96.0





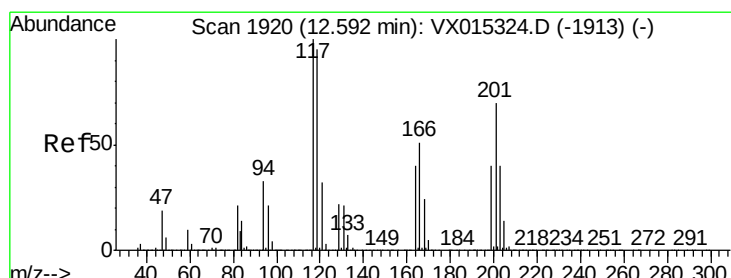
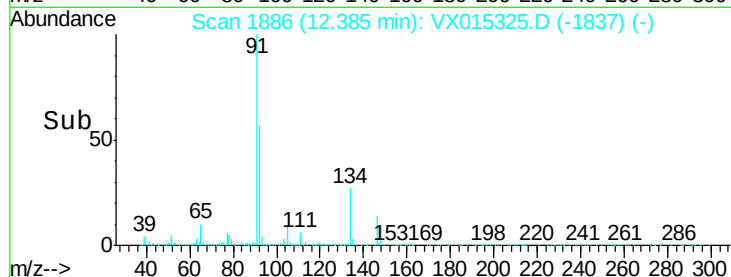
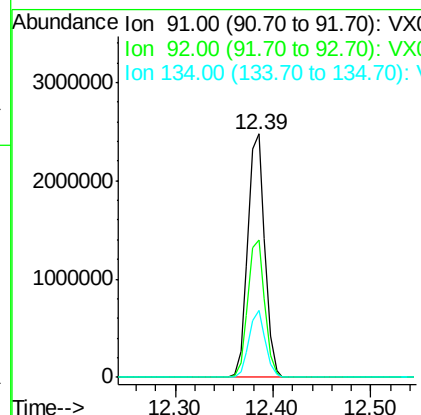
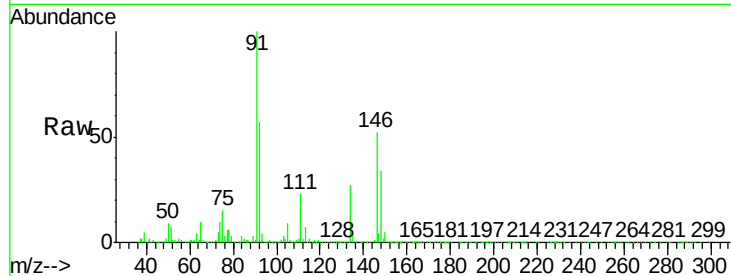
#89
n-Butylbenzene
Concen: 119.512 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.2	27.5	82.4
134	26.5	13.2	39.6

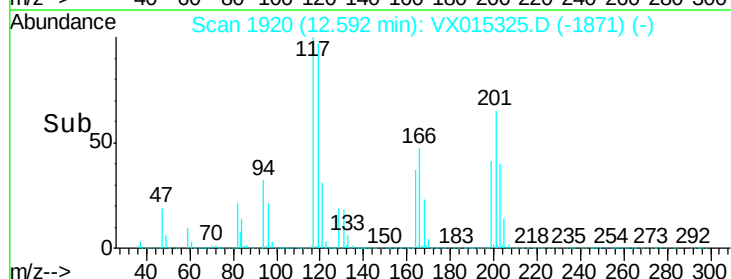
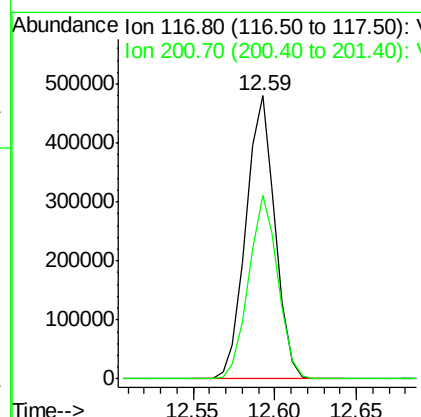
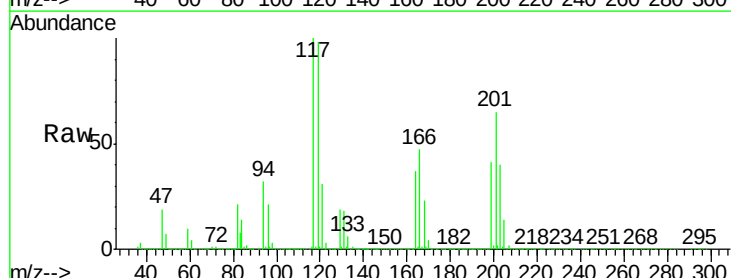
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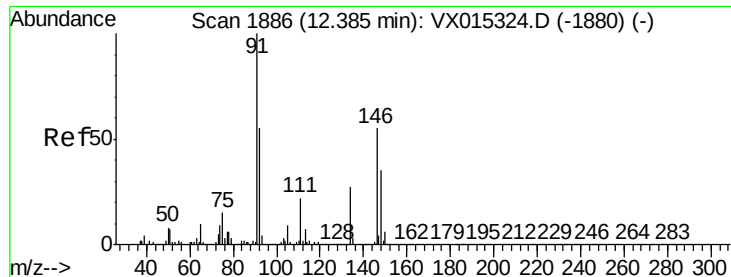
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#90
Hexachloroethane
Concen: 112.477 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.2	32.7	98.1





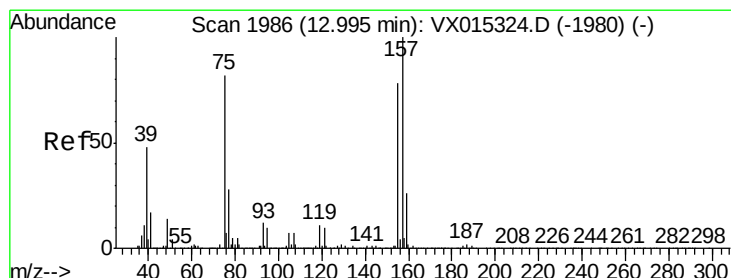
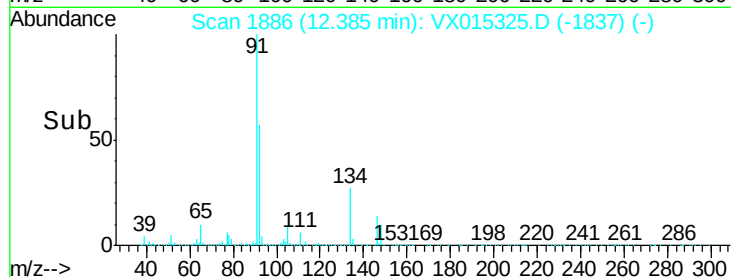
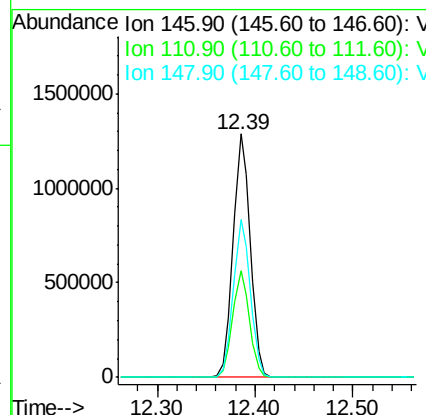
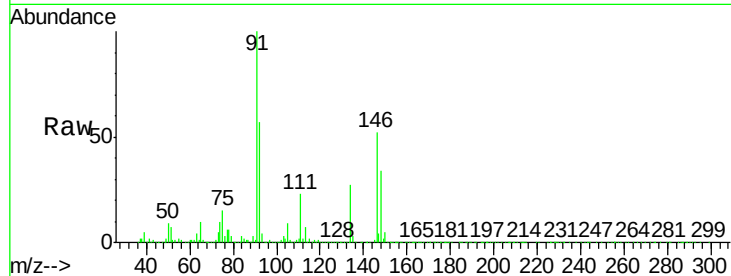
#91
 1,2-Dichlorobenzene
 Concen: 102.894 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.6	61.8
148	64.5	31.6	94.8

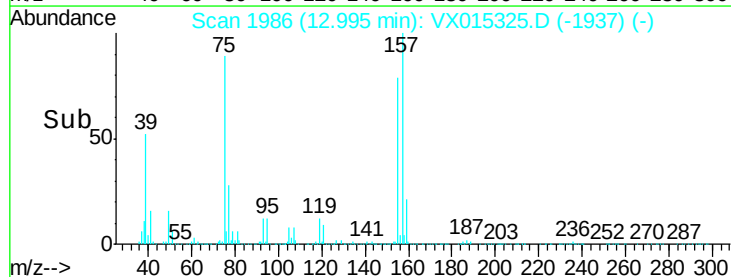
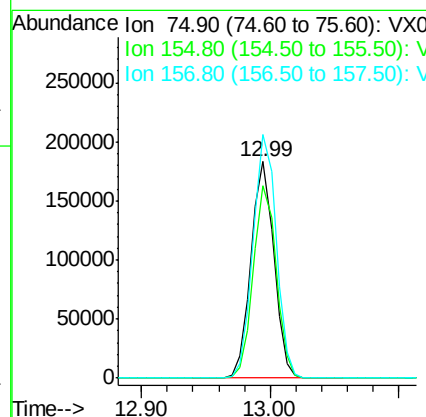
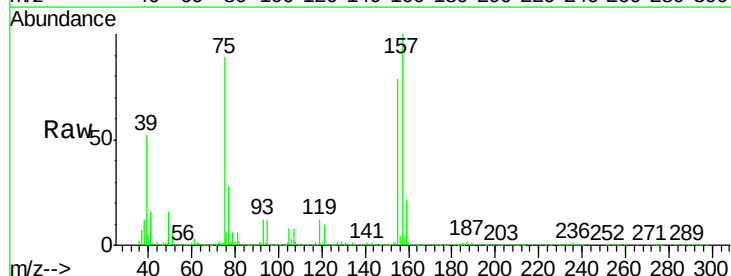
Manual Integrations
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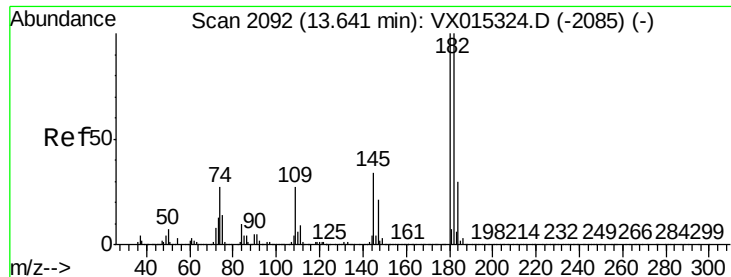
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 108.339 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015325.D
 Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	48.9	146.7
157	113.9	61.1	183.3





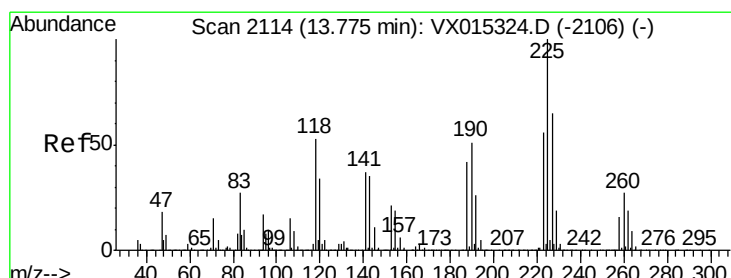
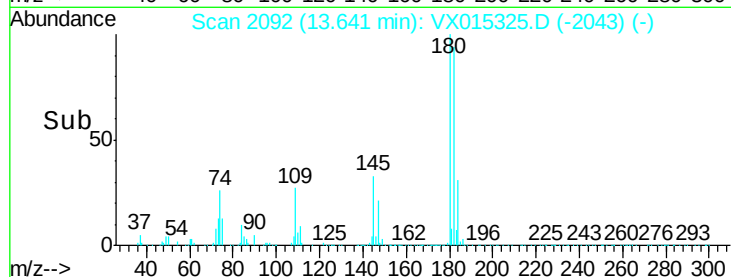
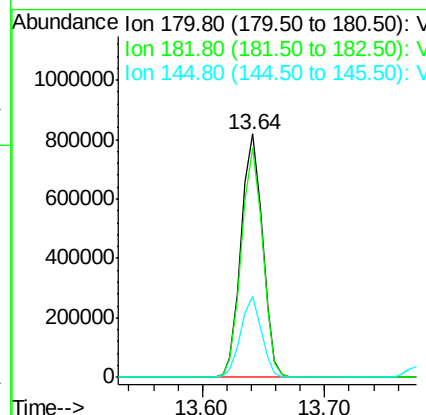
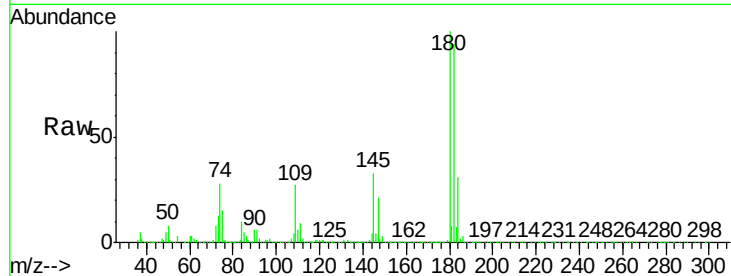
#93
1,2,4-Trichlorobenzene
Concen: 96.287 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	985948		
182	94.1	48.6	145.9	
145	32.4	16.7	50.1	

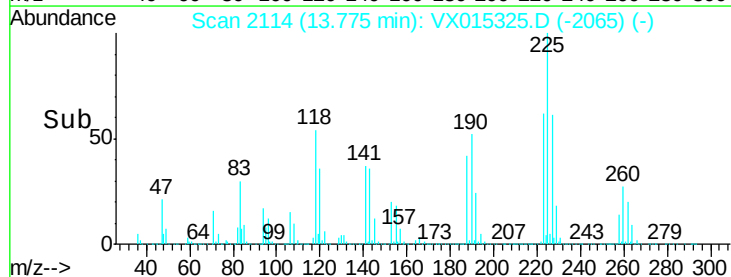
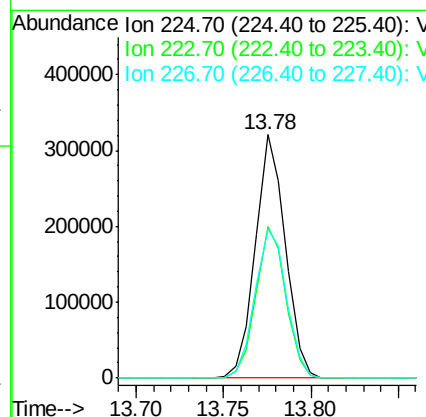
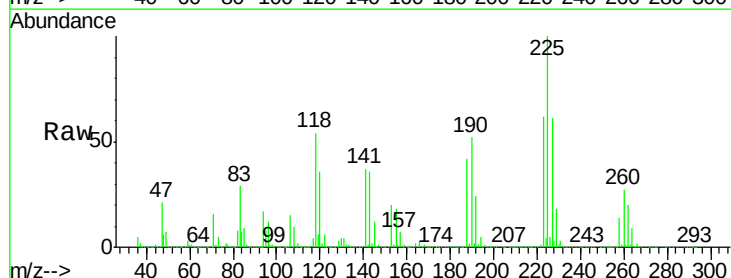
Manual Integrations
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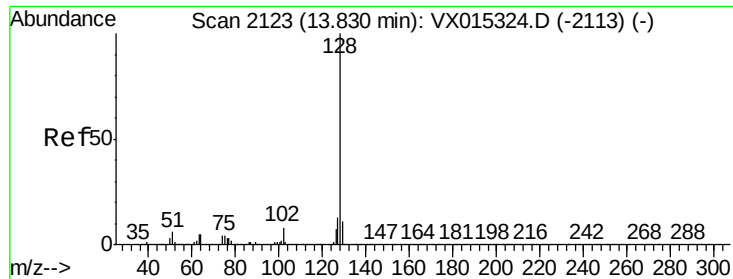
MMDadoda
3/19/2020 12:00:56 PM



#94
Hexachlorobutadiene
Concen: 74.920 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	381703		
223	62.3	30.6	91.6	
227	64.2	32.3	96.8	





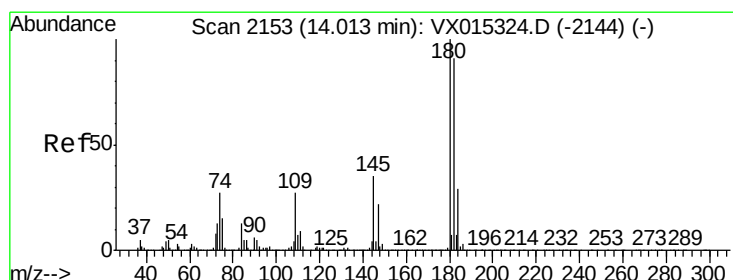
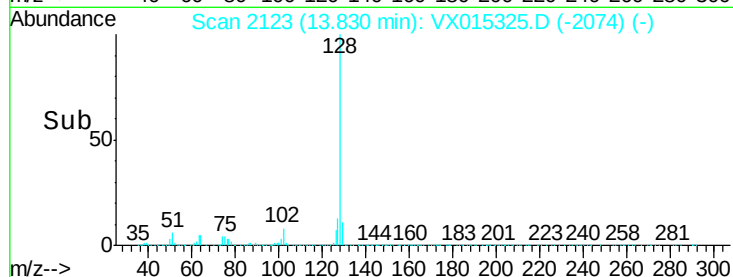
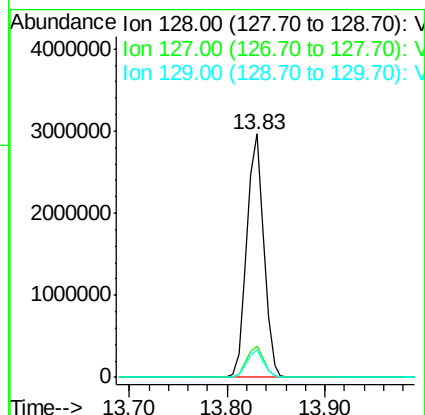
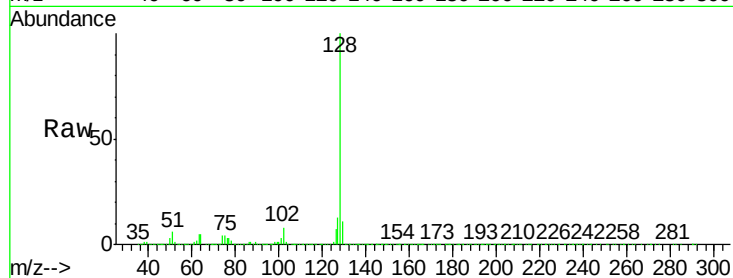
#95
Naphthalene
Concen: 123.680 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/19/2020 12:00:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 97.927 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015325.D
Acq: 18 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.0	141.0
145	34.2	17.6	52.8

