

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031620\
 Data File : VX015307.D
 Acq On : 16 Mar 2020 20:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:11:25 PM

Quant Time: Mar 17 09:00:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	292970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	455783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	429469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	232350	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	163268	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
35) Dibromofluoromethane	5.49	113	140110	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	535681	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	200010	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	112873	43.997	ug/l	98
3) Chloromethane	1.32	50	159182	43.803	ug/l	100
4) Vinyl Chloride	1.40	62	162286	44.041	ug/l	99
5) Bromomethane	1.64	94	96880	42.764	ug/l	99
6) Chloroethane	1.72	64	104537	47.292	ug/l	97
7) Trichlorofluoromethane	1.92	101	204249	46.583	ug/l	95
8) Diethyl Ether	2.18	74	94606	47.638	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128197	46.472	ug/l	98
10) Methyl Iodide	2.50	142	134541	43.169	ug/l	98
11) Tert butyl alcohol	3.04	59	153595	254.704	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132442	46.520	ug/l	94
13) Acrolein	2.28	56	137247	242.182	ug/l	99
14) Allyl chloride	2.72	41	251666	50.696	ug/l	93
15) Acrylonitrile	3.13	53	403182	268.466	ug/l	99
16) Acetone	2.44	43	313534	222.744	ug/l	98
17) Carbon Disulfide	2.56	76	334864	42.353	ug/l	100
18) Methyl Acetate	2.76	43	185078	53.773	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	452522	50.865	ug/l	99
20) Methylene Chloride	2.85	84	155987	47.352	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	143048	47.056	ug/l	98
22) Diisopropyl ether	3.84	45	525462	53.129	ug/l	96
23) Vinyl Acetate	3.80	43	2168613	266.744	ug/l	98
24) 1,1-Dichloroethane	3.69	63	274348	49.980	ug/l	99
25) 2-Butanone	4.65	43	540510	262.292	ug/l	96
26) 2,2-Dichloropropane	4.58	77	186695	42.843	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	168283	49.344	ug/l	99
28) Bromochloromethane	5.00	49	131028	52.420	ug/l	94
29) Tetrahydrofuran	5.11	42	357590	269.196	ug/l	97
30) Chloroform	5.20	83	263904	49.327	ug/l	98
31) Cyclohexane	5.57	56	238783	48.769	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	215384	48.565	ug/l	99
36) 1,1-Dichloropropene	5.79	75	195539	46.408	ug/l	99
37) Ethyl Acetate	4.82	43	215804	55.214	ug/l	99
38) Carbon Tetrachloride	5.78	117	183439	46.122	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	233497	47.458	ug/l	98
40) Benzene	6.14	78	619509	49.557	ug/l	99
41) Methacrylonitrile	5.03	41	126553	53.906	ug/l	95
42) 1,2-Dichloroethane	6.18	62	204547	47.647	ug/l	99
43) Isopropyl Acetate	6.43	43	352982	51.337	ug/l	98
44) Trichloroethene	7.21	130	170380	48.940	ug/l	97
45) 1,2-Dichloropropane	7.51	63	166633	51.498	ug/l	99
46) Dibromomethane	7.65	93	101780	48.274	ug/l	99
47) Bromodichloromethane	7.89	83	208041	49.898	ug/l	98
48) Methyl methacrylate	7.76	41	177939	50.847	ug/l	97
49) 1,4-Dioxane	7.73	88	73686	973.862	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1101050	270.837	ug/l	100
52) Toluene	8.78	92	383421	50.163	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	223216	50.299	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	254046	50.638	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	158782	50.470	ug/l	98
56) Ethyl methacrylate	9.17	69	247328	55.116	ug/l	95
57) 1,3-Dichloropropane	9.37	76	267811	50.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	634692	259.626	ug/l	99
59) 2-Hexanone	9.48	43	818930	271.782	ug/l	98
60) Dibromochloromethane	9.57	129	168636	51.028	ug/l	99
61) 1,2-Dibromoethane	9.67	107	163641	49.522	ug/l	99
64) Tetrachloroethene	9.33	164	170853	48.116	ug/l	98
65) Chlorobenzene	10.14	112	414842	48.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	154635	47.562	ug/l	99
67) Ethyl Benzene	10.25	91	732271	50.014	ug/l	99
68) m/p-Xylenes	10.35	106	558750	100.305	ug/l	99
69) o-Xylene	10.70	106	268176	50.282	ug/l	100
70) Styrene	10.71	104	472204	51.637	ug/l	99
71) Bromoform	10.85	173	126577	50.205	ug/l #	99
73) Isopropylbenzene	11.01	105	714003	48.105	ug/l	100
74) N-amyl acetate	10.89	43	311999	49.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	232189	46.940	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	194022m	41.863	ug/l	
77) Bromobenzene	11.25	156	189177	45.734	ug/l	97
78) n-propylbenzene	11.35	91	838679	49.458	ug/l	99
79) 2-Chlorotoluene	11.42	91	492951	48.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	609031	49.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76763	47.005	ug/l	97
82) 4-Chlorotoluene	11.51	91	572043	47.813	ug/l	100
83) tert-Butylbenzene	11.76	119	576086	48.219	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	620823	50.015	ug/l	100
85) sec-Butylbenzene	11.94	105	706659	48.997	ug/l	99
86) p-Isopropyltoluene	12.06	119	657637	49.492	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	343970	47.302	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	349455	46.548	ug/l	100
89) n-Butylbenzene	12.39	91	583709	49.391	ug/l	100
90) Hexachloroethane	12.59	117	116446	46.354	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	346815	47.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48530	48.995	ug/l	95

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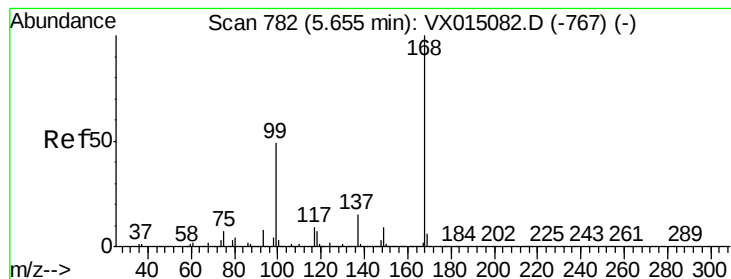
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	252859	50.387	ug/l	100
94) Hexachlorobutadiene	13.78	225	118361	45.963	ug/l	99
95) Naphthalene	13.83	128	734610	47.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	257157	51.360	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 292970

Ion Ratio Lower Upper

168 100

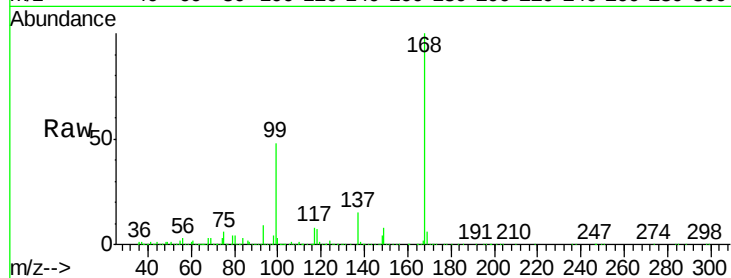
99 47.4 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

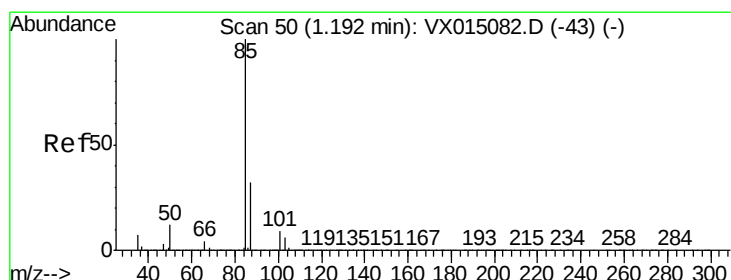
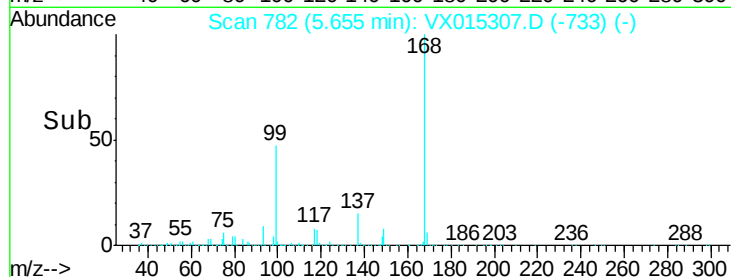
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.997 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015307.D

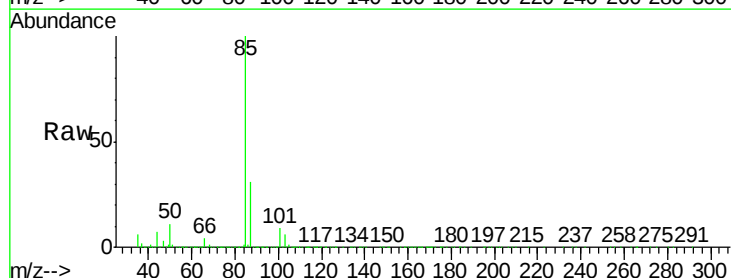
Acq: 16 Mar 2020 20:28

Tgt Ion: 85 Resp: 112873

Ion Ratio Lower Upper

85 100

87 31.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

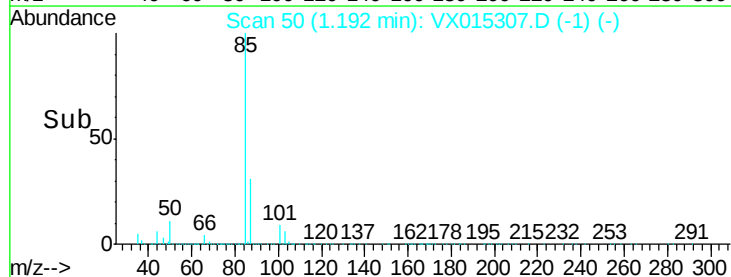
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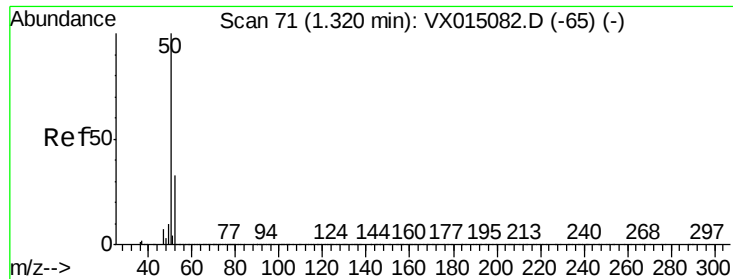
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.803 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 159182

Ion Ratio Lower Upper

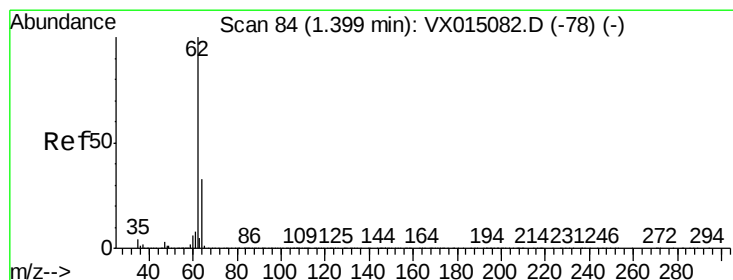
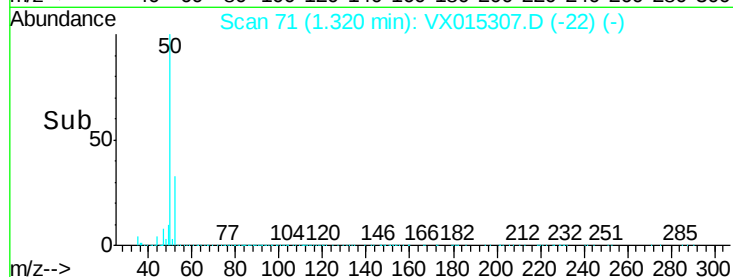
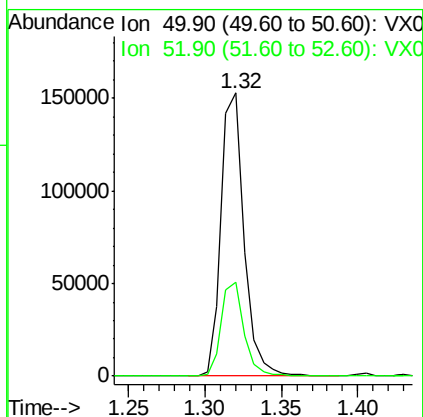
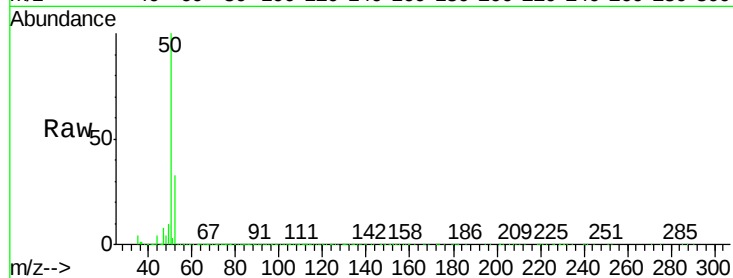
50 100

52 32.9 26.2 39.2

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#4

Vinyl Chloride

Concen: 44.041 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015307.D

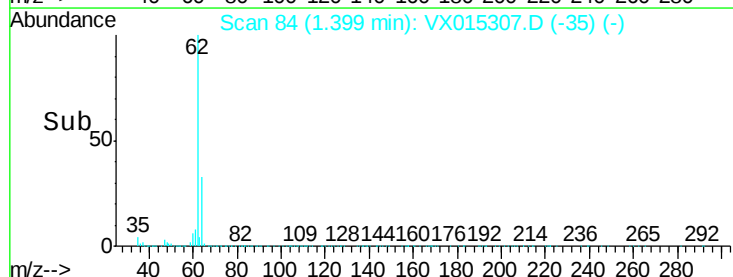
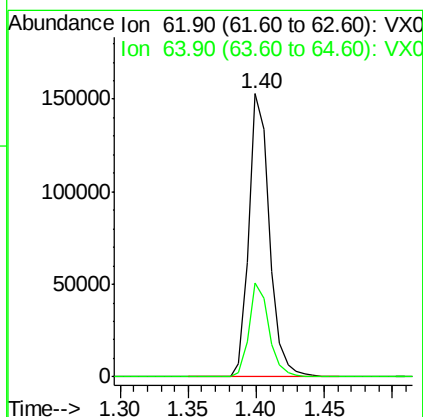
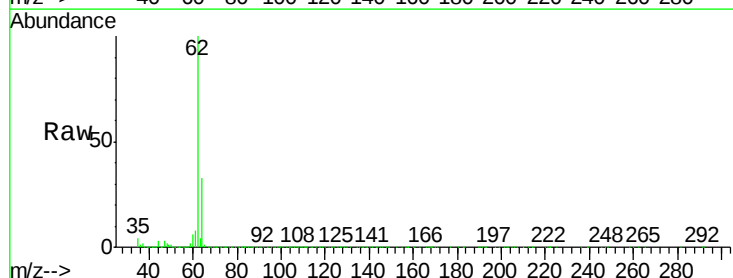
Acq: 16 Mar 2020 20:28

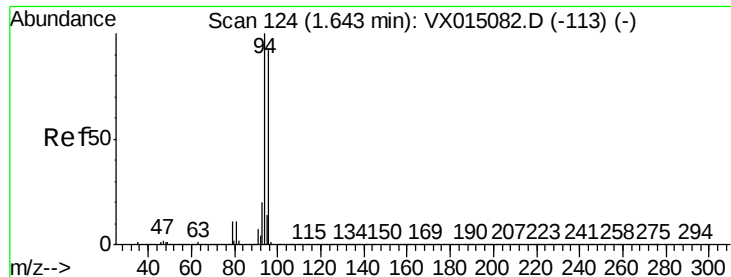
Tgt Ion: 62 Resp: 162286

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 42.764 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 96880

Ion Ratio Lower Upper

94 100

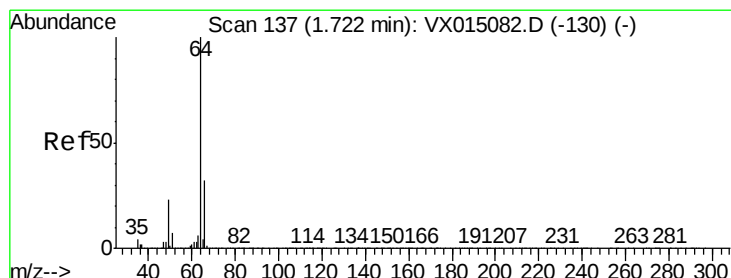
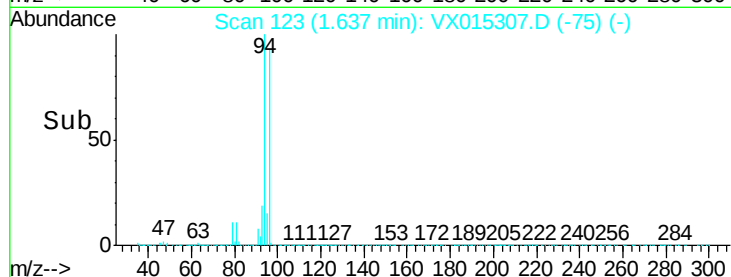
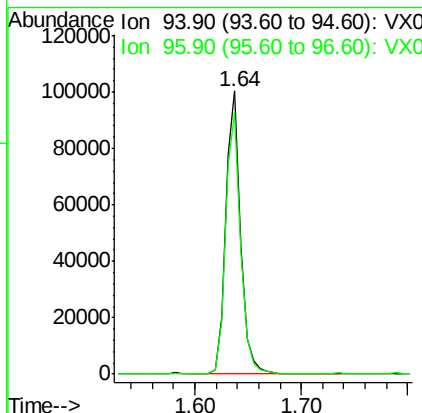
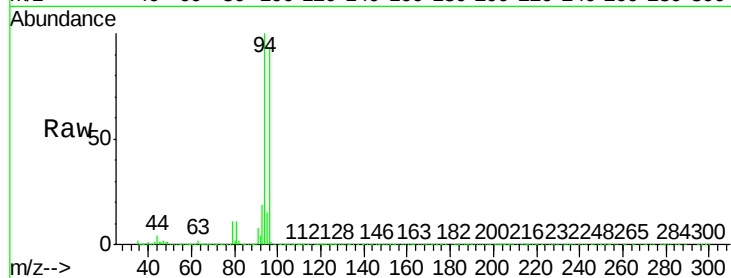
96 92.6 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 47.292 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015307.D

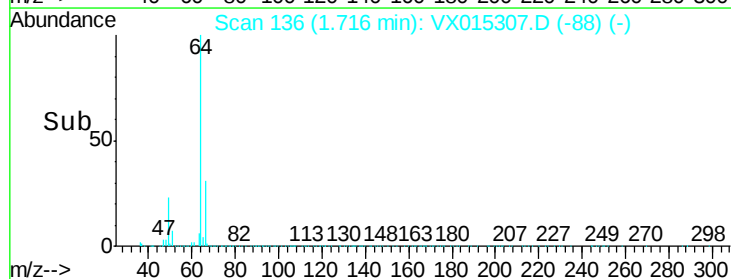
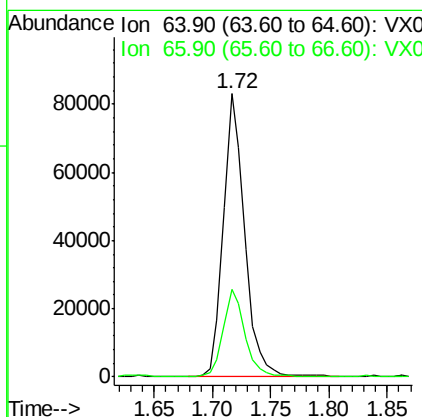
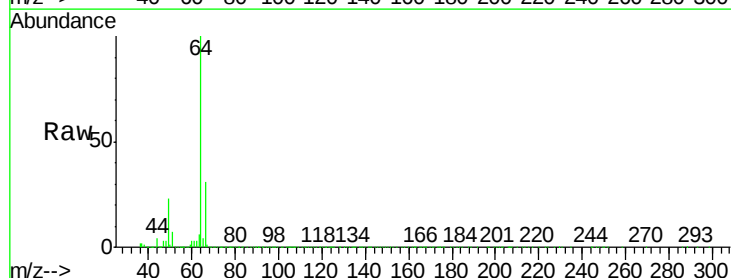
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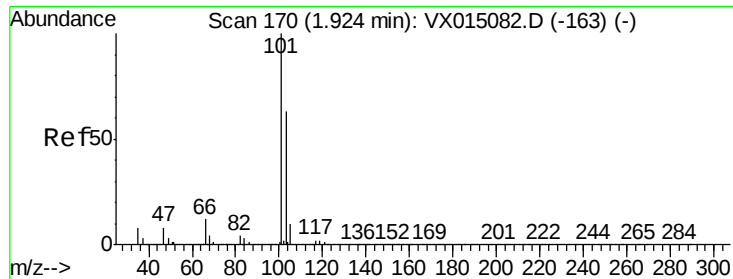
Tgt Ion: 64 Resp: 104537

Ion Ratio Lower Upper

64 100

66 30.7 25.8 38.8





#7

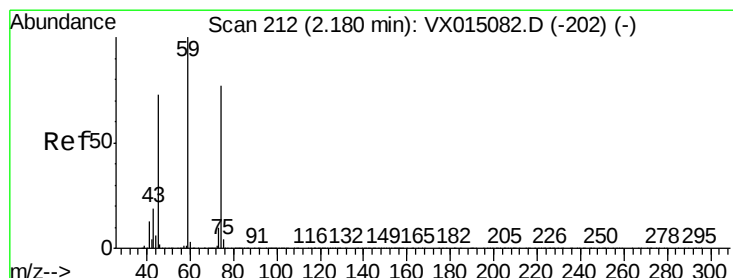
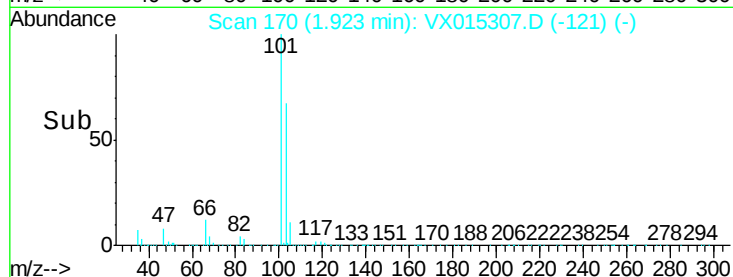
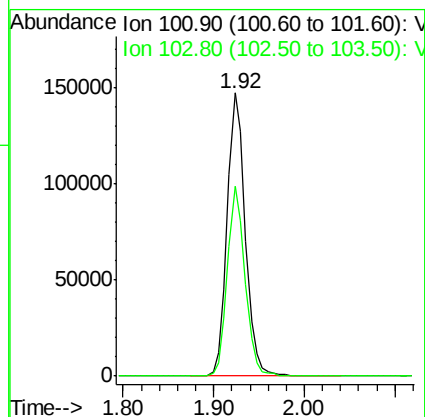
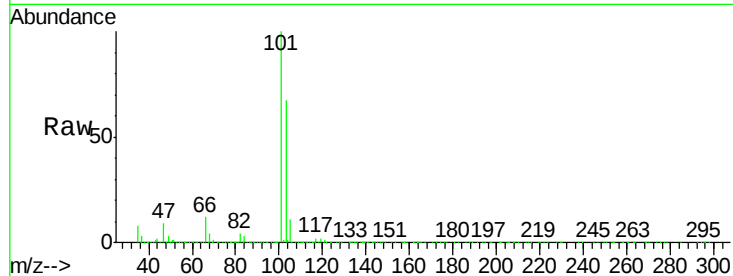
Trichlorofluoromethane
Concen: 46.583 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	67.0	50.4	75.6	

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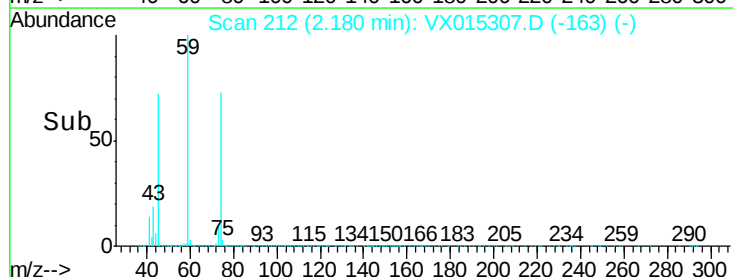
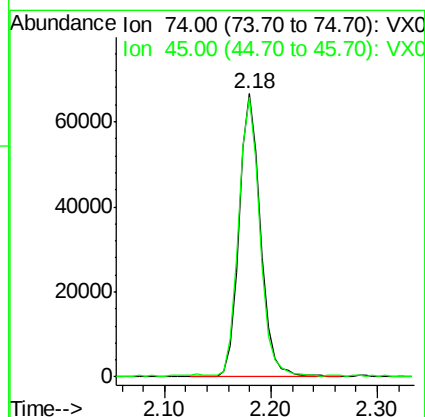
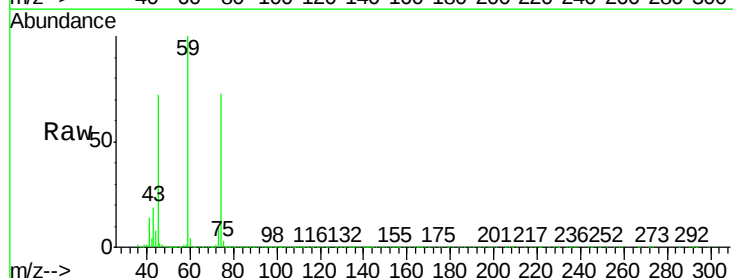
MMDadoda
3/17/2020 12:11:25 PM

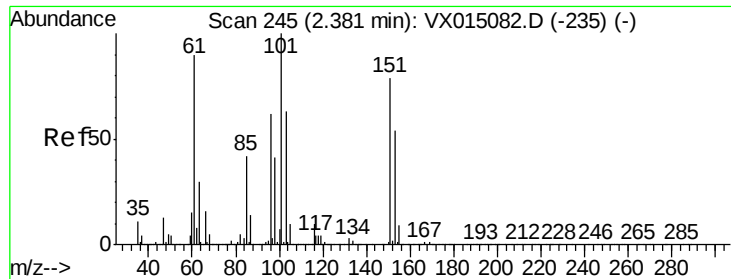


#8

Diethyl Ether
Concen: 47.638 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	97.5	49.2	147.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.472 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

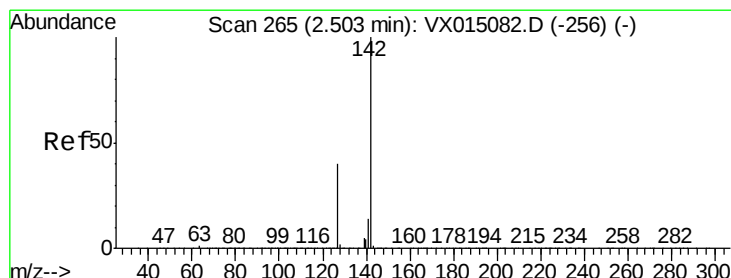
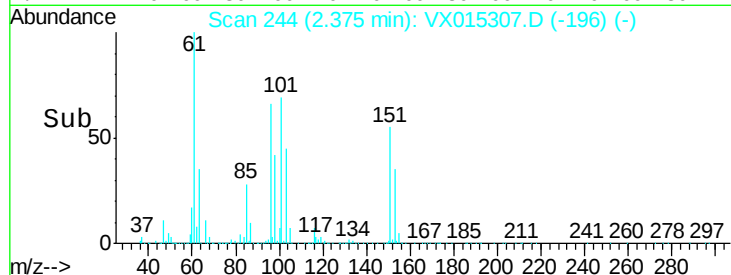
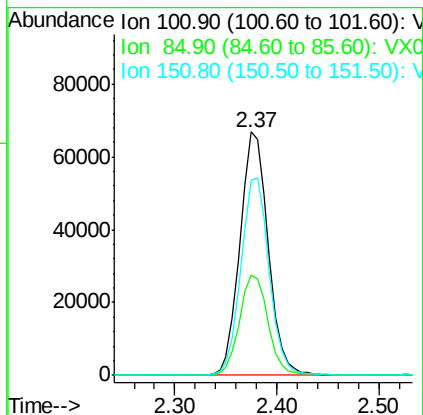
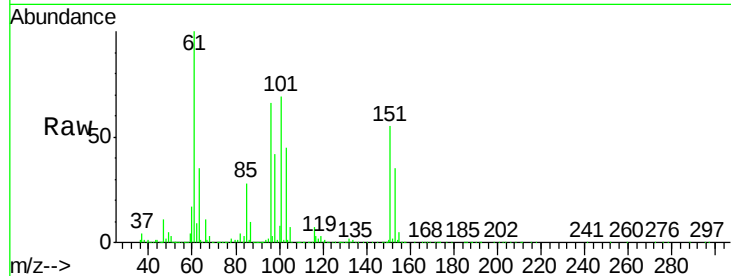
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	128197
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	81.9	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 43.169 ug/l

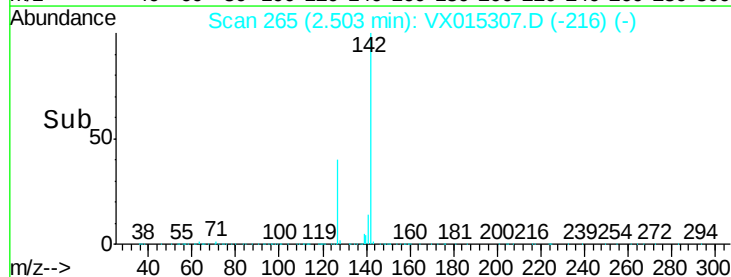
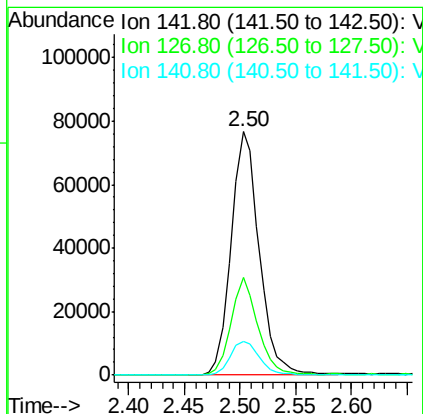
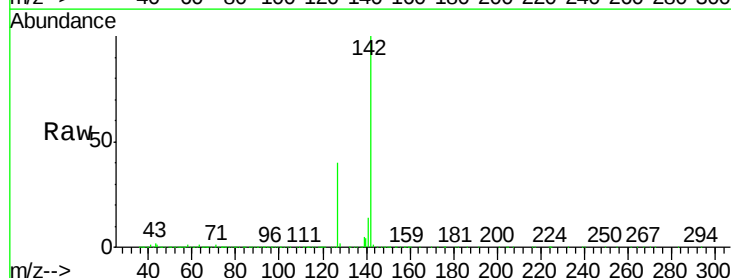
RT: 2.50 min Scan# 265

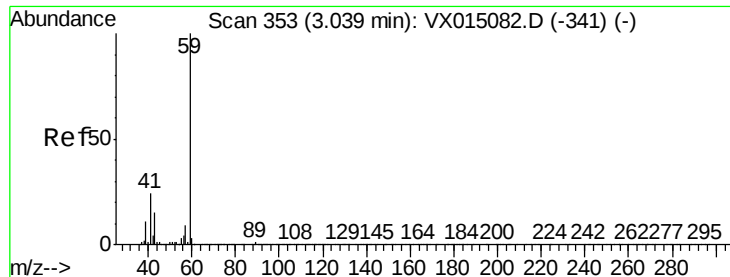
Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion:	142	Resp:	134541
Ion Ratio	Lower	Upper	
142	100		
127	38.0	31.7	47.5
141	14.8	11.3	16.9





#11

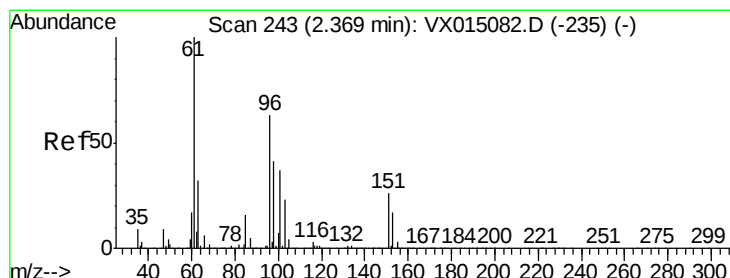
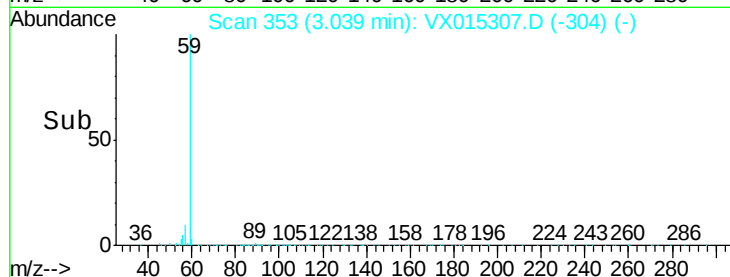
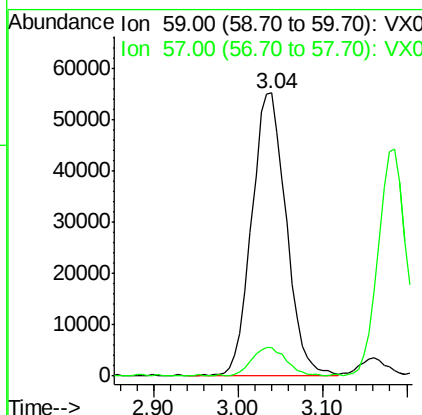
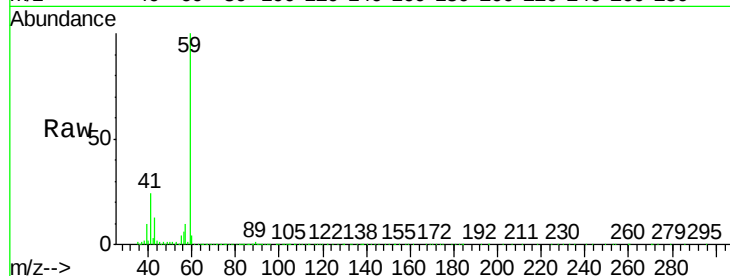
Tert butyl alcohol
Concen: 254.704 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

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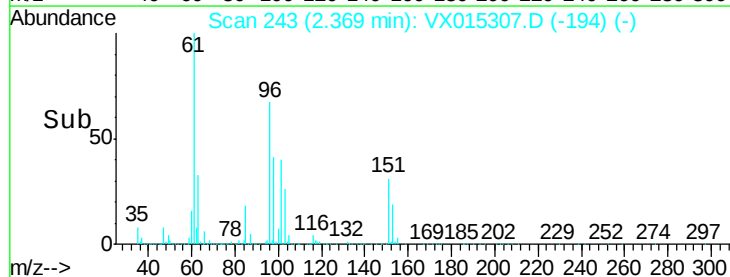
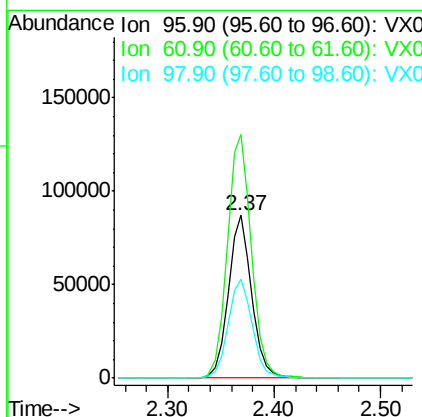
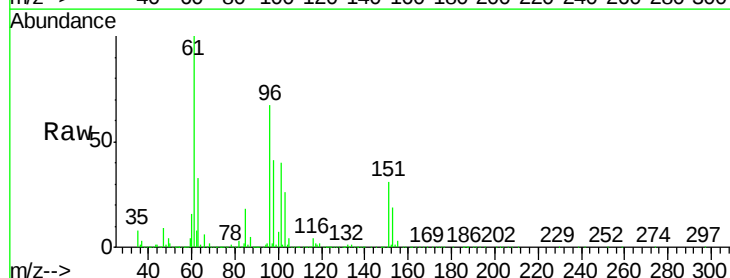
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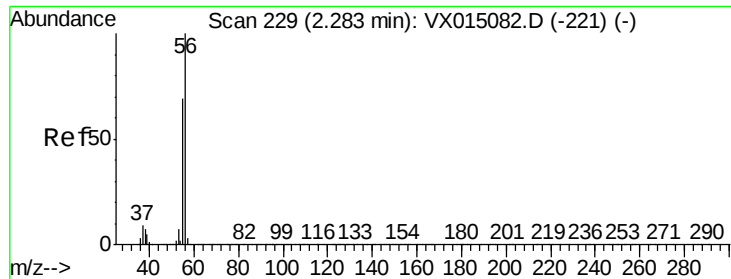


#12

1,1-Dichloroethene
Concen: 46.520 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.6	126.2	189.4
98	60.9	51.4	77.0





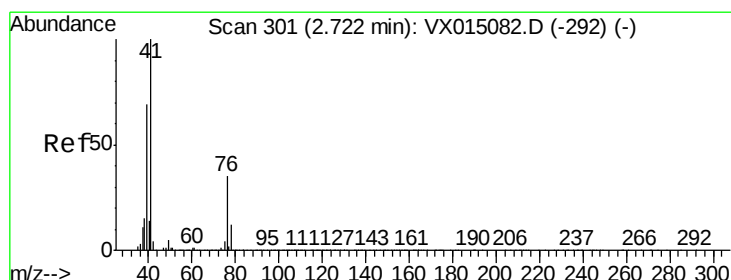
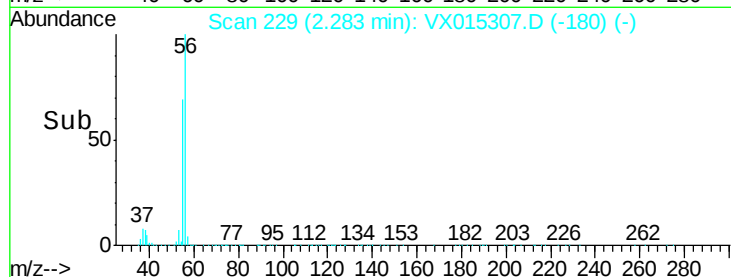
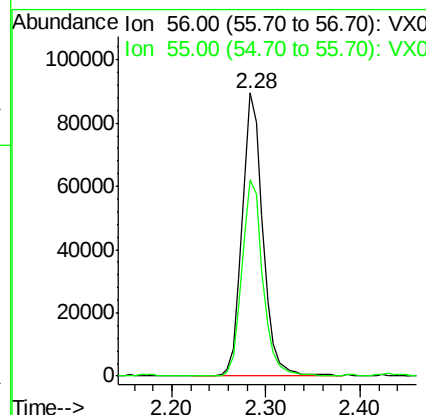
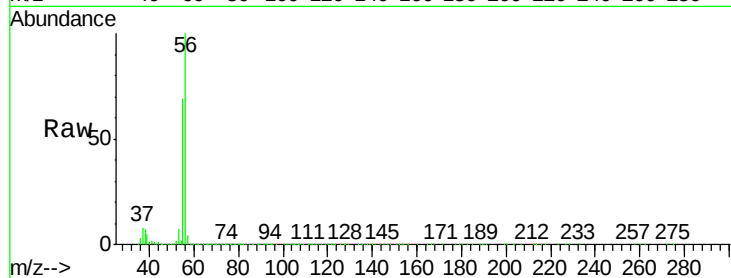
#13
Acrolein
Concen: 242.182 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.7	55.4	83.0

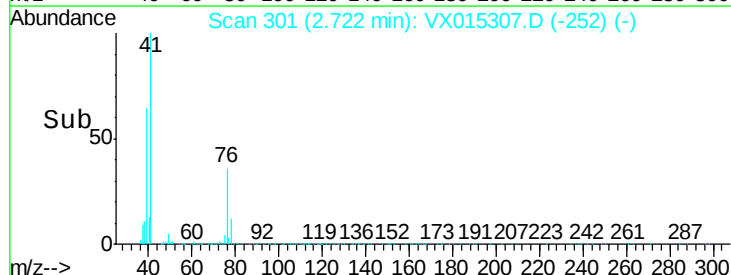
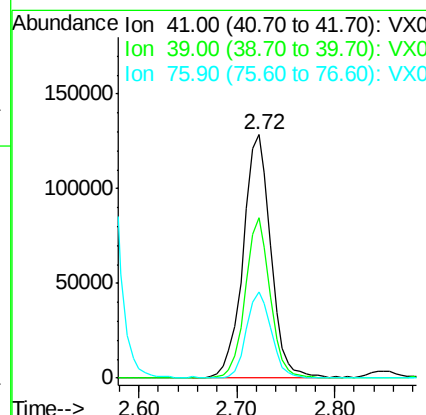
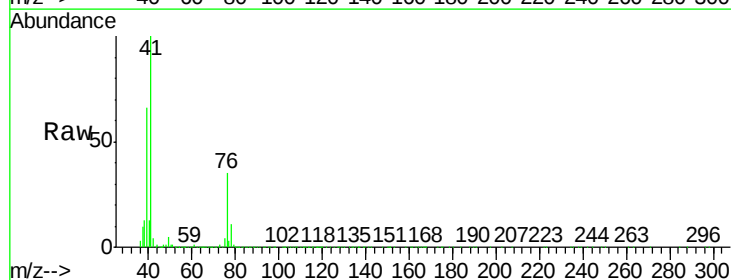
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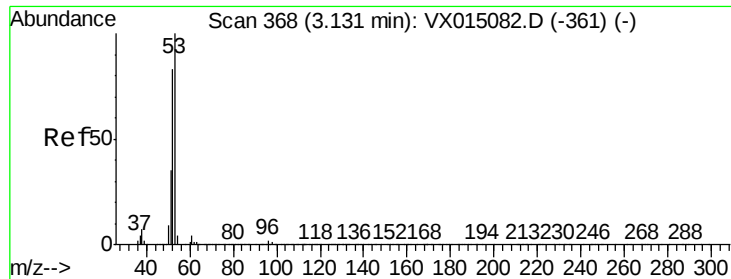
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#14
Allyl chloride
Concen: 50.696 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.8	52.9	79.3
76	31.7	26.8	40.2





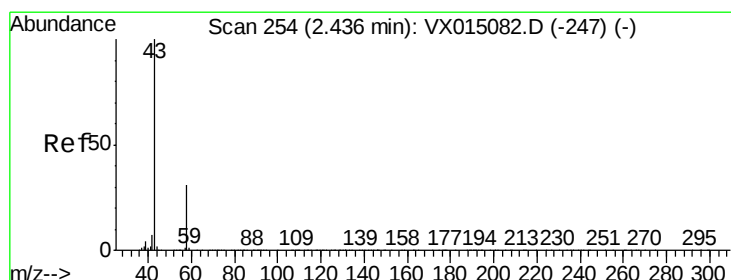
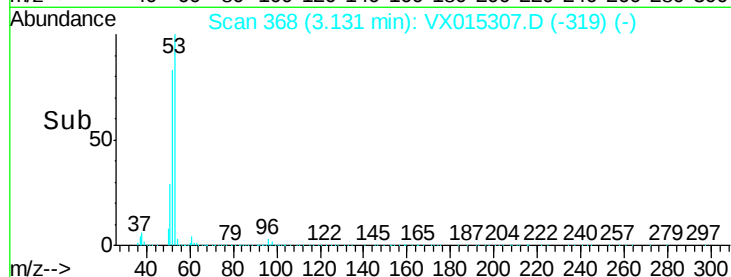
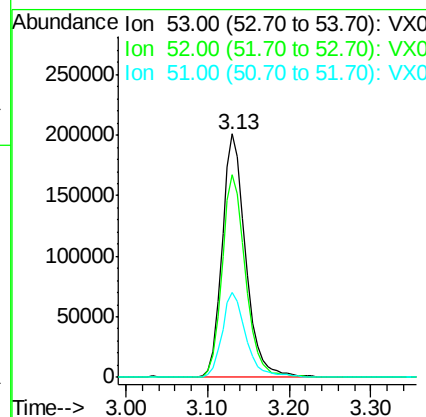
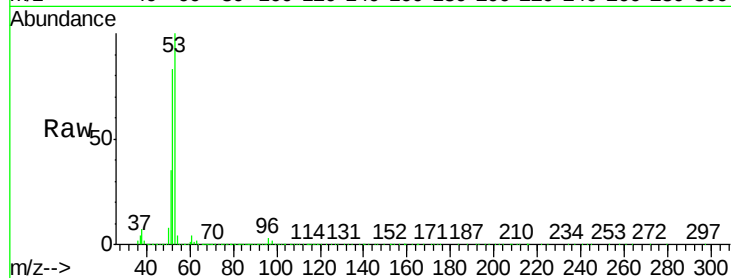
#15
 Acrylonitrile
 Concen: 268.466 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	403182
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.6	100.0
51	35.2	29.0	43.6

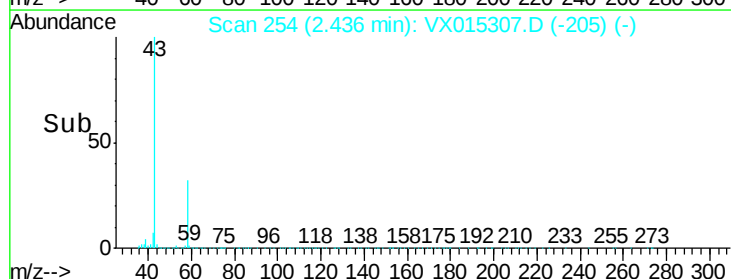
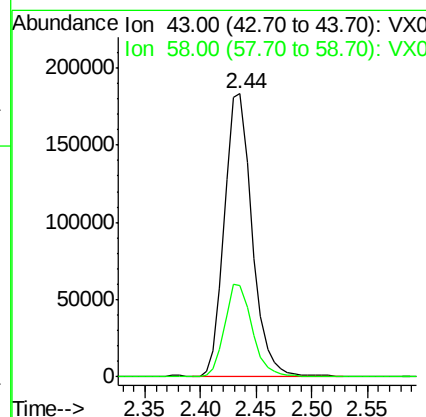
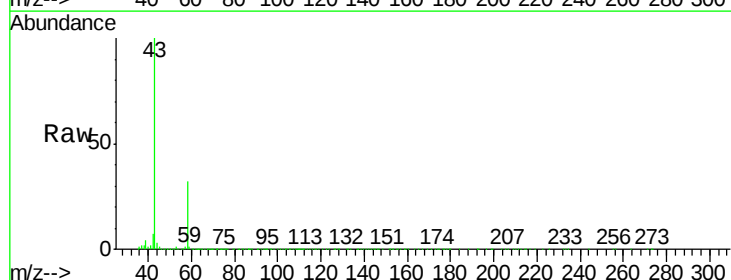
Manual Integrations
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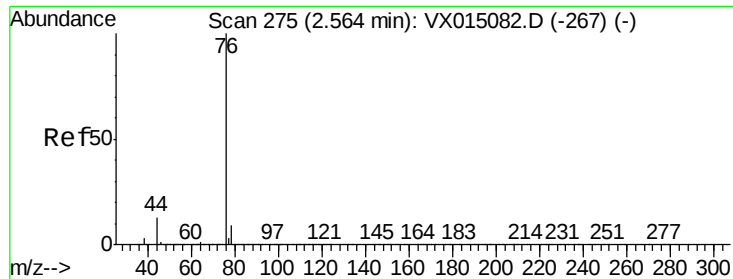
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#16
 Acetone
 Concen: 222.744 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion:	43	Resp:	313534
Ion Ratio		Lower	Upper
43	100		
58	32.2	24.8	37.2





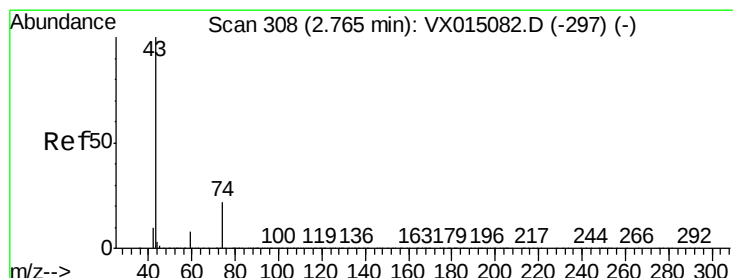
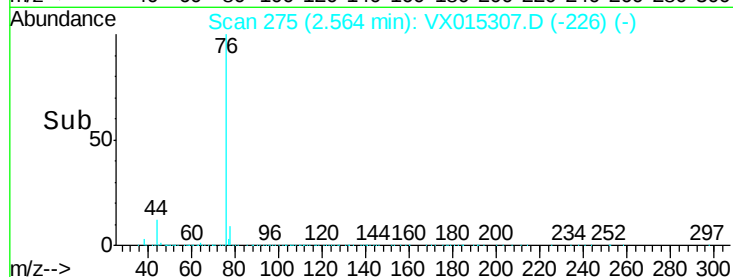
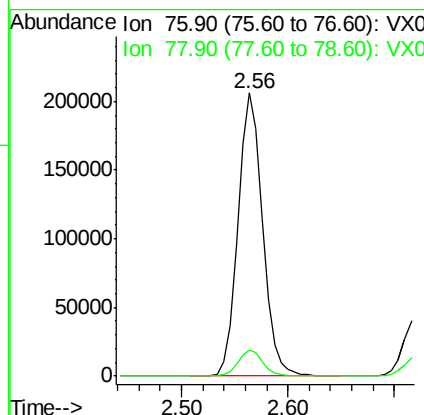
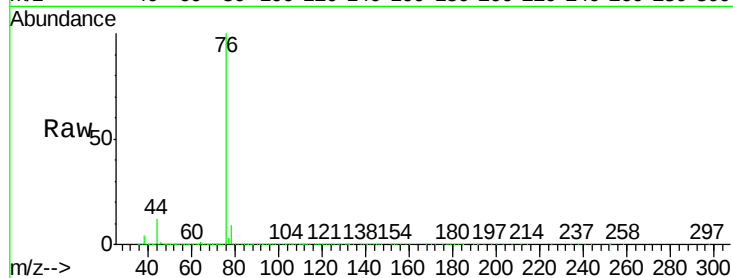
#17
Carbon Disulfide
Concen: 42.353 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

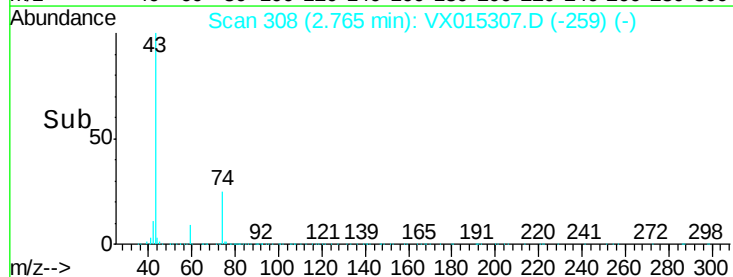
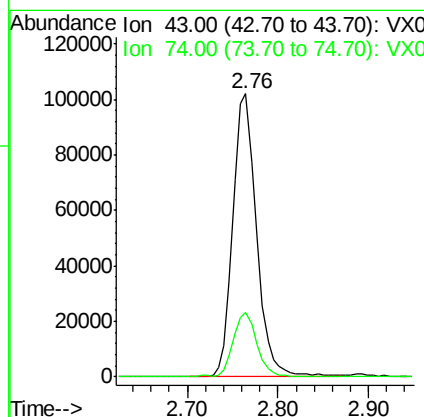
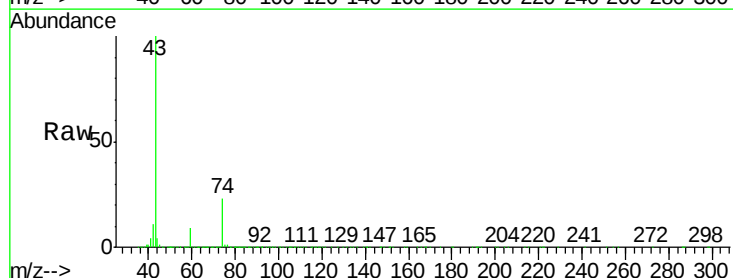
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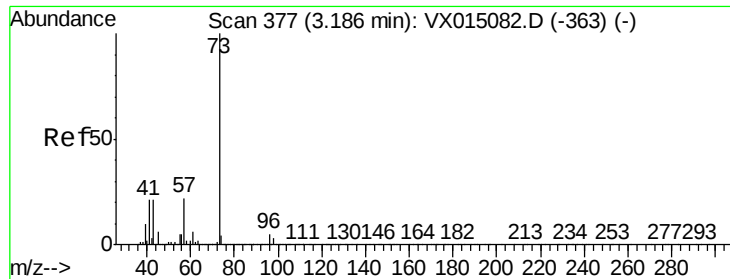
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#18
Methyl Acetate
Concen: 53.773 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.8	28.2





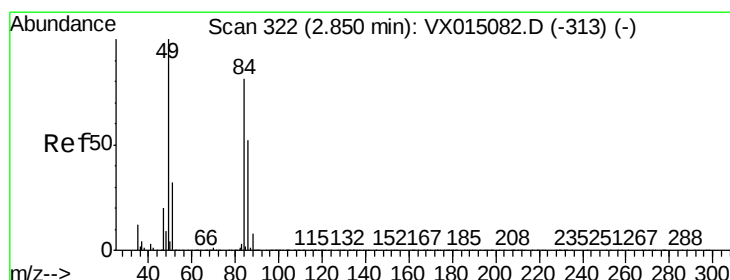
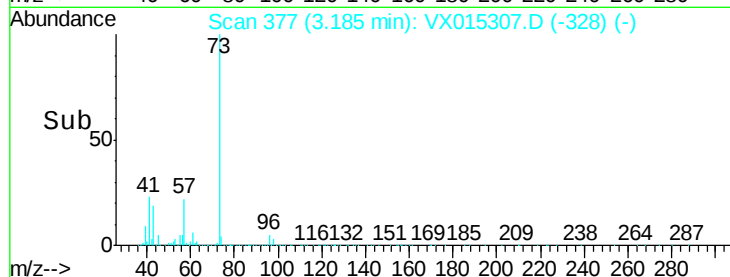
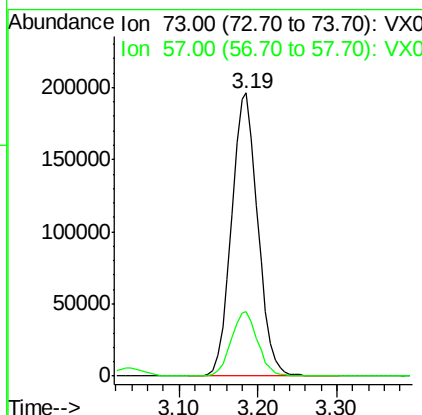
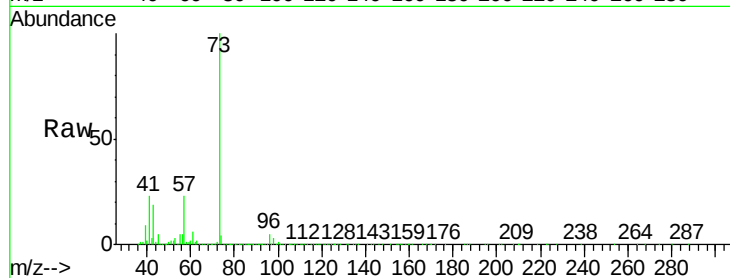
#19
Methvl tert-butvl Ether
Concen: 50.865 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.6

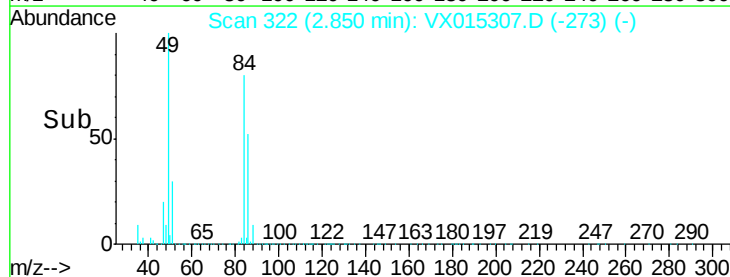
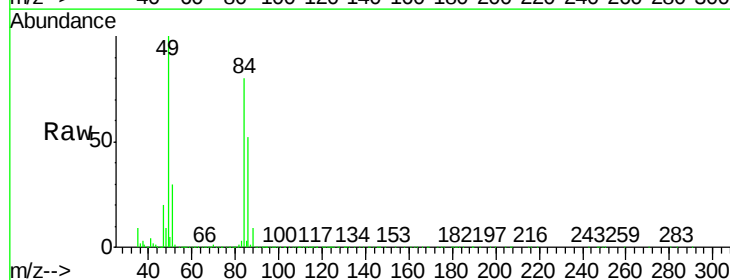
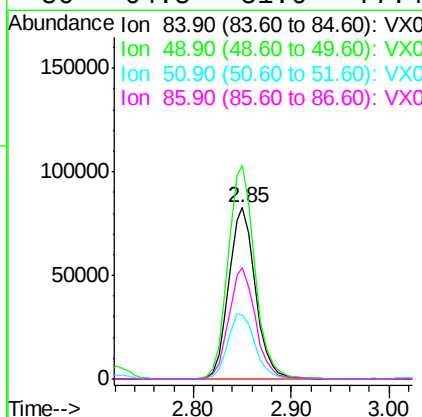
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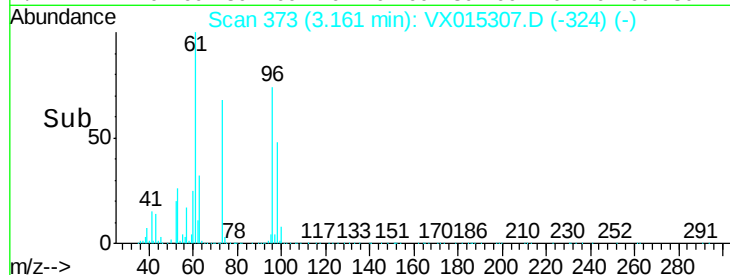
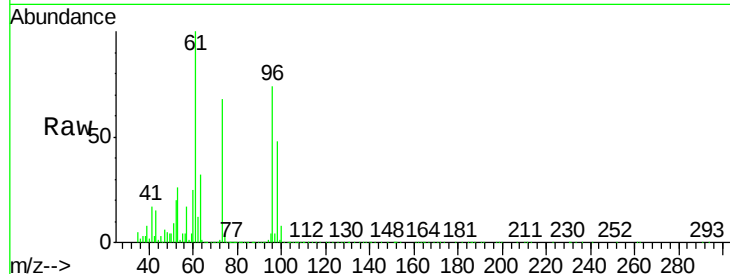
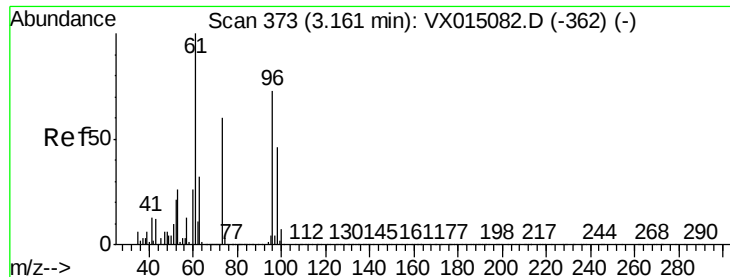
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#20
Methylene Chloride
Concen: 47.352 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	99.4	149.2
51	37.0	31.5	47.3
86	64.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 47.056 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tot Ion:	96	Resp:	143048
Ion Ratio	Lower	Upper	
96	100		
61	135.8	109.9	164.9
98	64.8	50.2	75.2

Instrument :

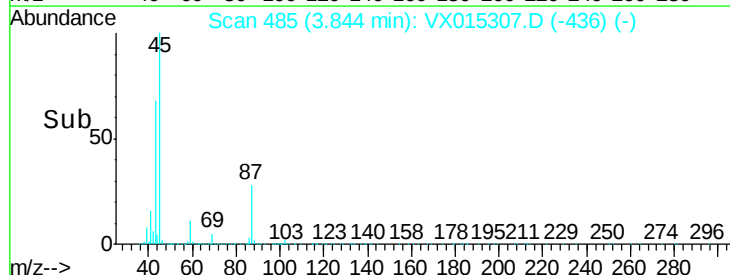
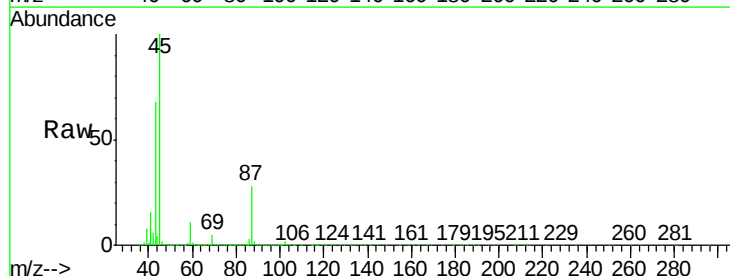
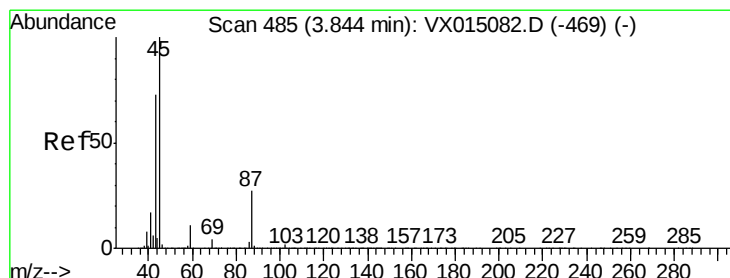
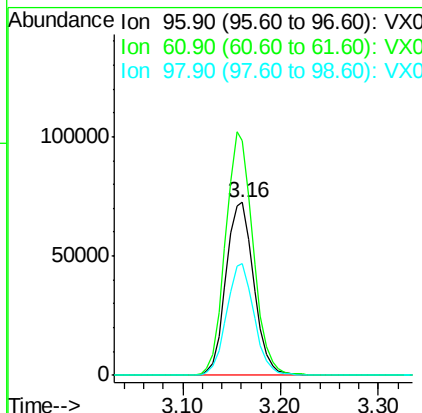
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 53.129 ug/l

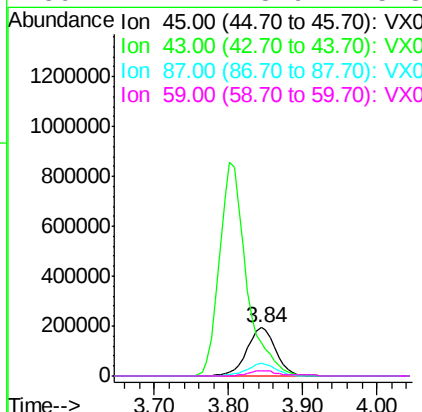
RT: 3.84 min Scan# 485

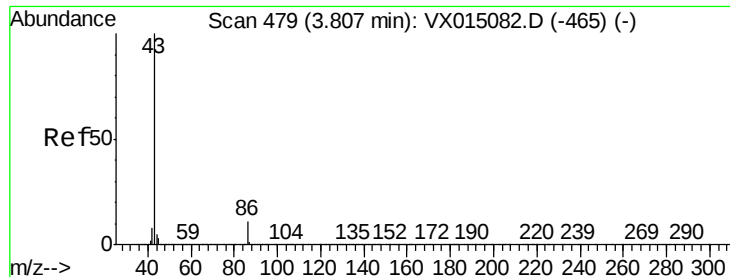
Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion:	45	Resp:	525462
Ion Ratio	Lower	Upper	
45	100		
43	67.8	58.2	87.2
87	27.6	21.2	31.8
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 266.744 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2168613

Ion Ratio Lower Upper

43 100

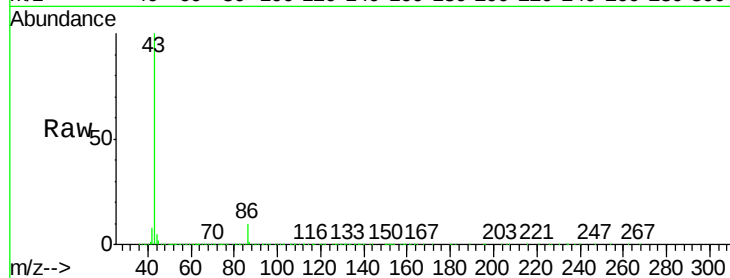
86 10.1 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

400000

200000

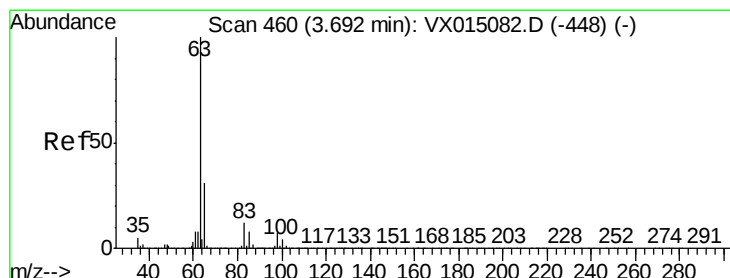
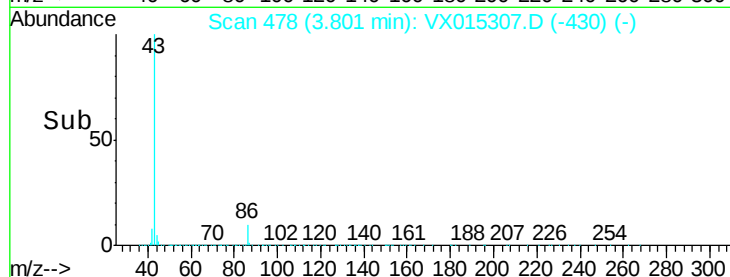
0

Time-->

3.60

3.80

4.00



#24

1,1-Dichloroethane

Concen: 49.980 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

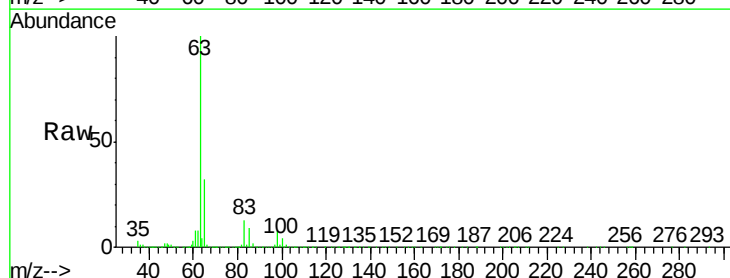
Tgt Ion: 63 Resp: 274348

Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

100000

50000

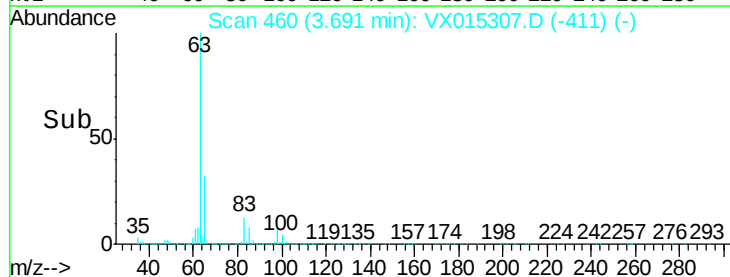
0

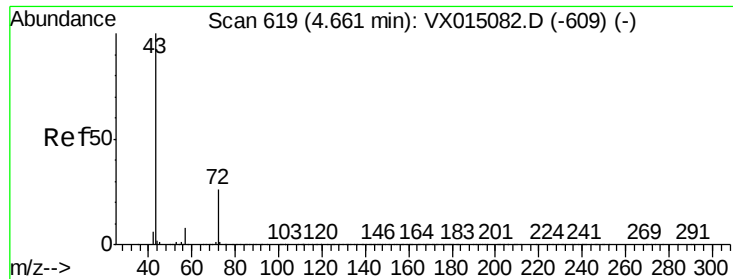
Time-->

3.60

3.70

3.80





#25

2-Butanone

Concen: 262.292 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 540510

Ion Ratio Lower Upper

43 100

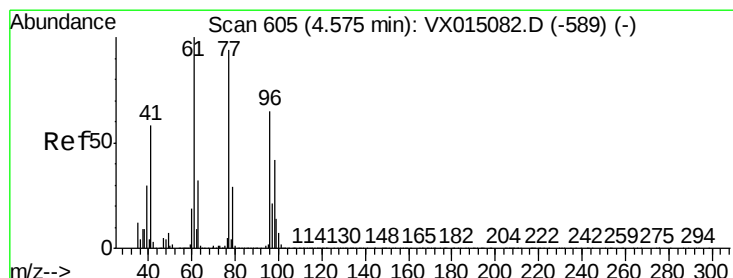
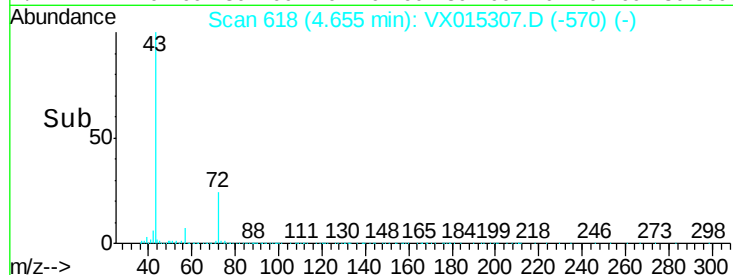
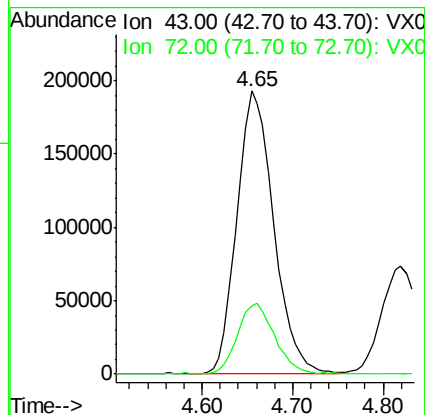
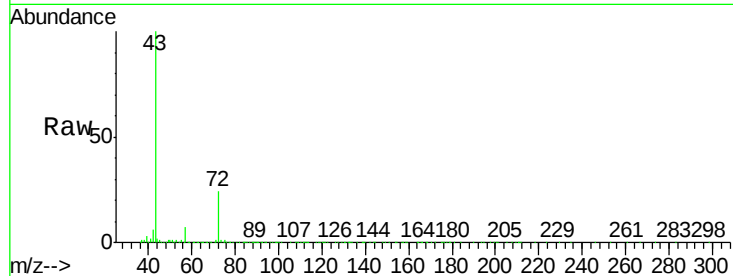
72 23.9 20.6 30.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.843 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015307.D

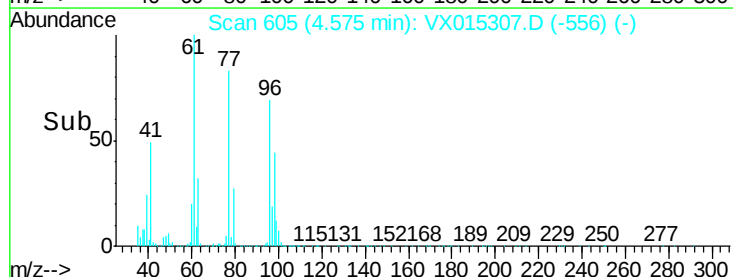
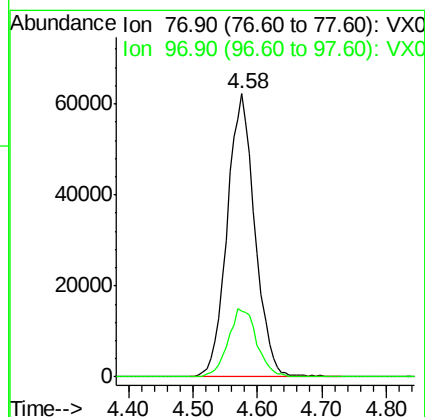
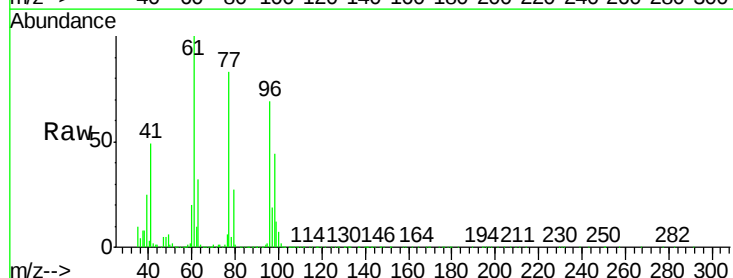
Acq: 16 Mar 2020 20:28

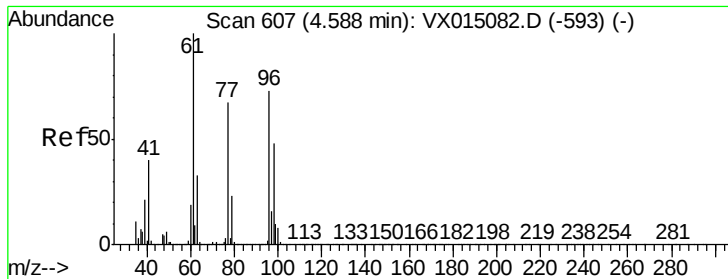
Tgt Ion: 77 Resp: 186695

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.4





#27

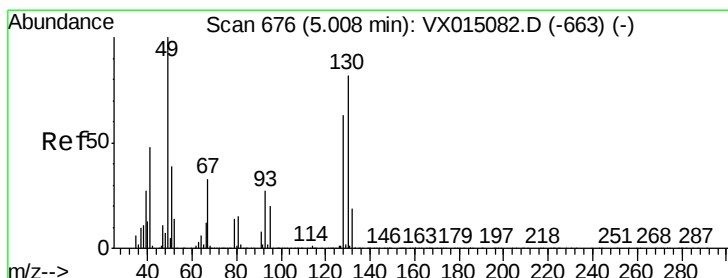
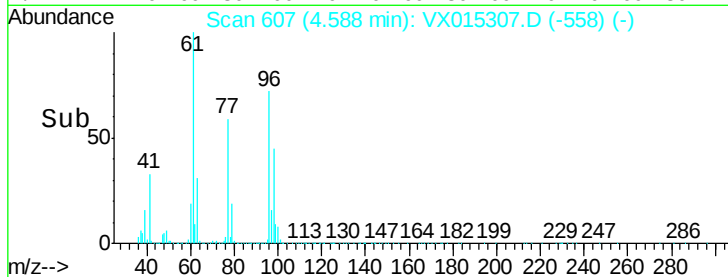
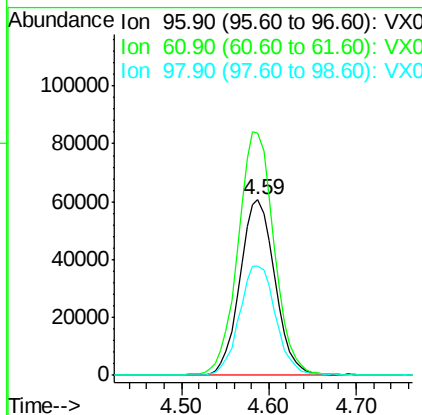
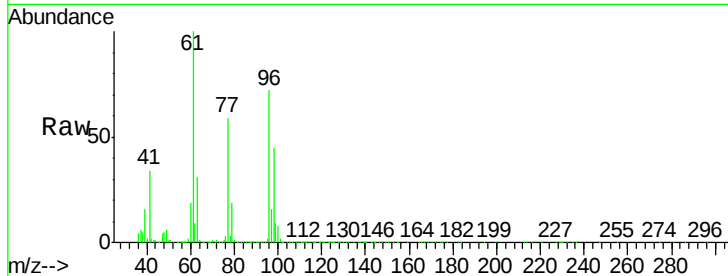
cis-1,2-Dichloroethene
Concen: 49.344 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168283		
61	144.2	0.0	286.8	
98	64.5	0.0	128.4	

Manual Integrations
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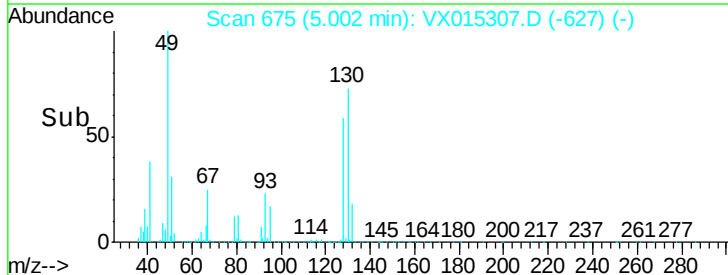
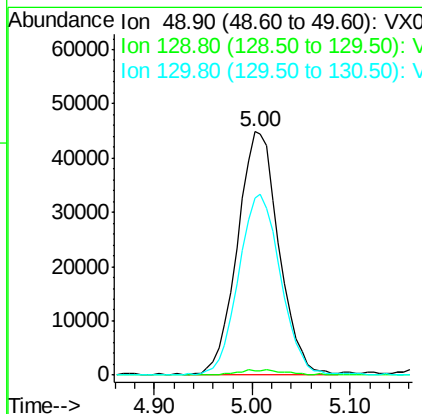
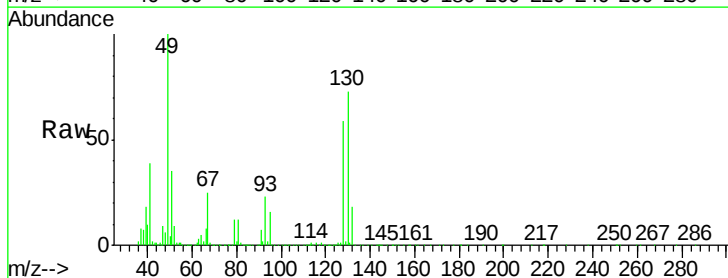
MMDadoda
3/17/2020 12:11:25 PM

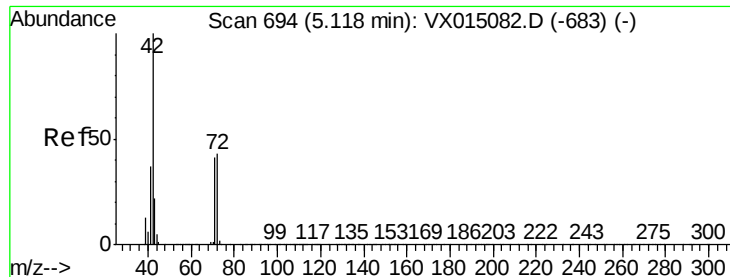


#28

Bromochloromethane
Concen: 52.420 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131028		
129	2.5	0.0	4.4	
130	76.0	65.0	97.6	





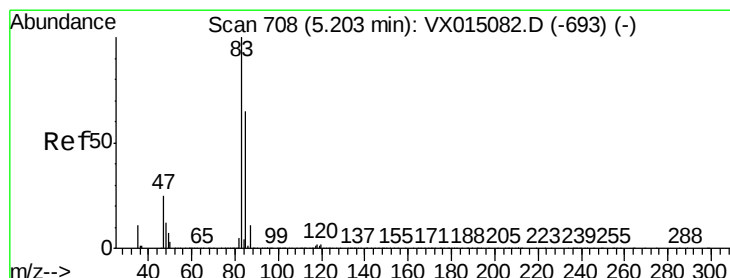
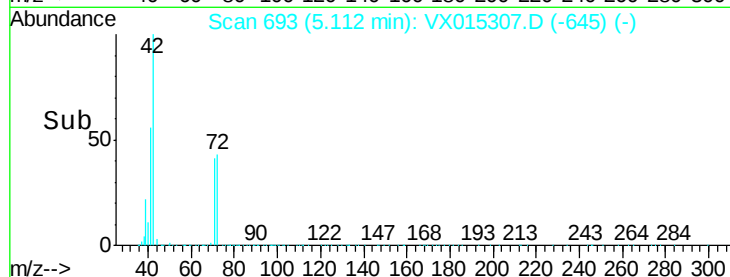
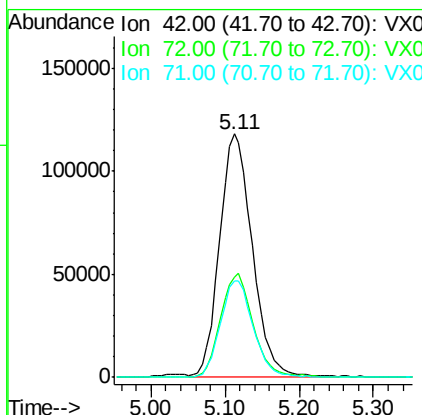
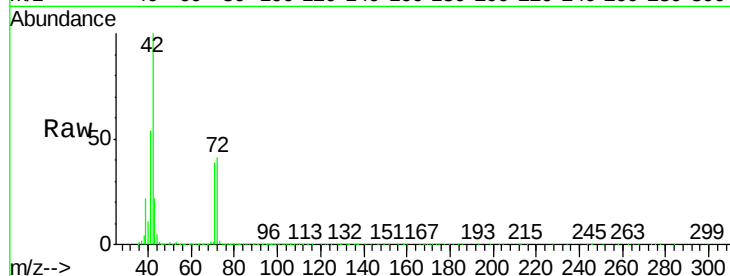
#29
Tetrahydrofuran
Concen: 269.196 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	36.4	54.6
71	40.1	33.3	49.9

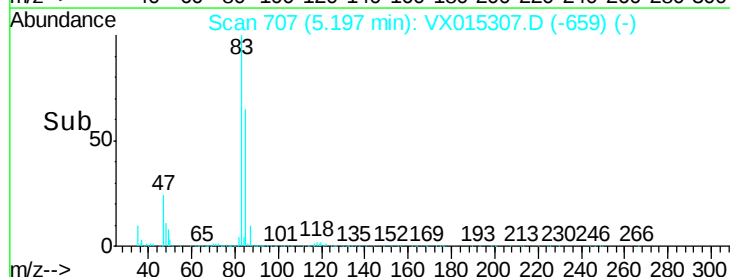
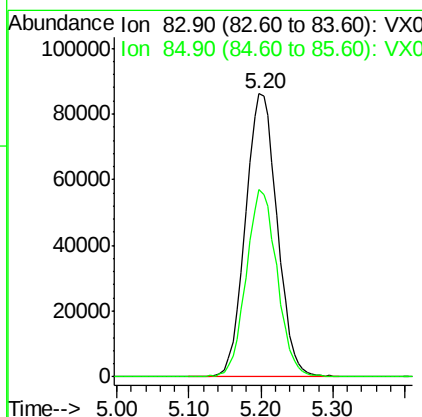
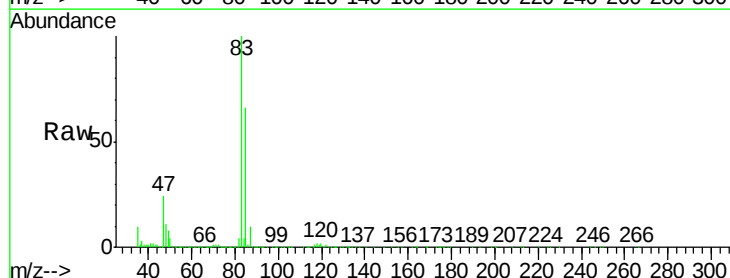
Manual Integrations
APPROVED

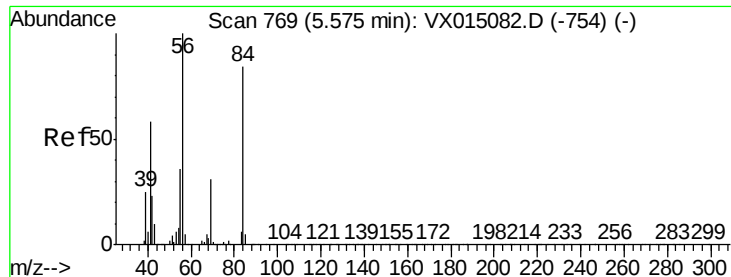
MMDadoda
3/17/2020 12:11:25 PM



#30
Chloroform
Concen: 49.327 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.0	78.0





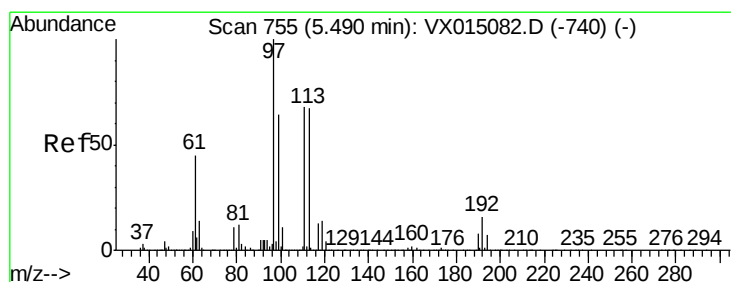
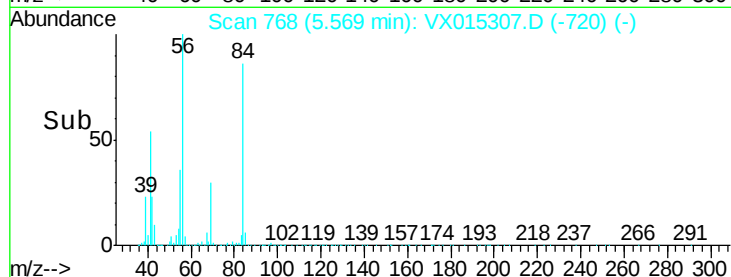
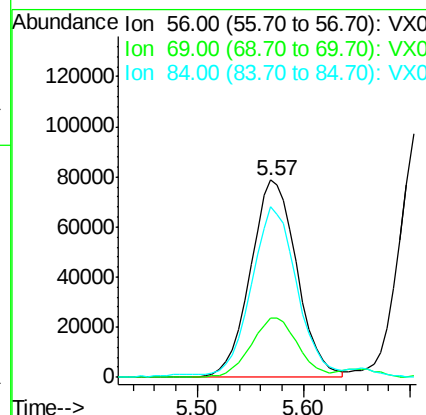
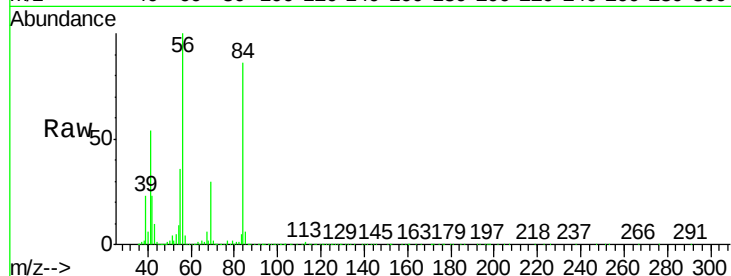
#31
Cyclohexane
Concen: 48.769 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.0	37.6
84	84.7	67.6	101.4

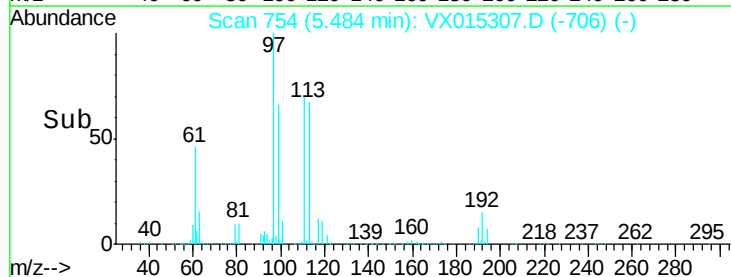
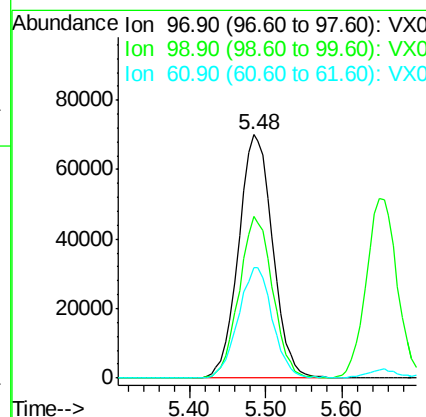
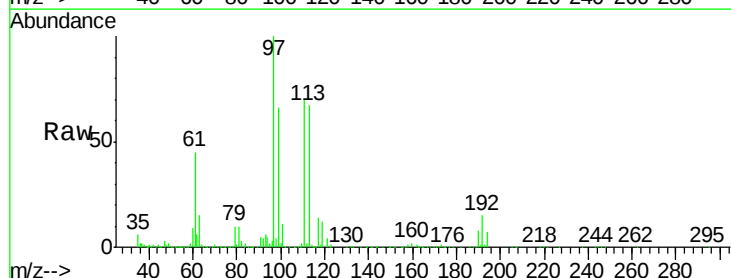
Manual Integrations
APPROVED

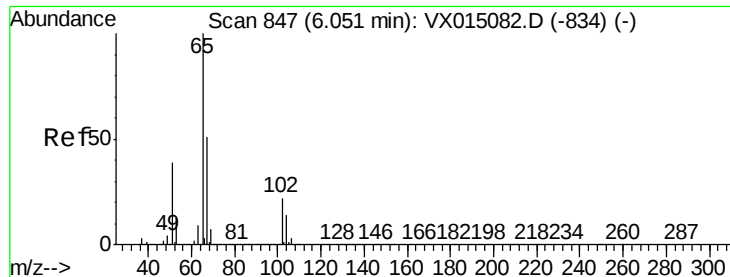
MMDadoda
3/17/2020 12:11:25 PM



#32
1,1,1-Trichloroethane
Concen: 48.565 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.8	79.2
61	45.1	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 46.974 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 163268

Ion Ratio Lower Upper

65 100

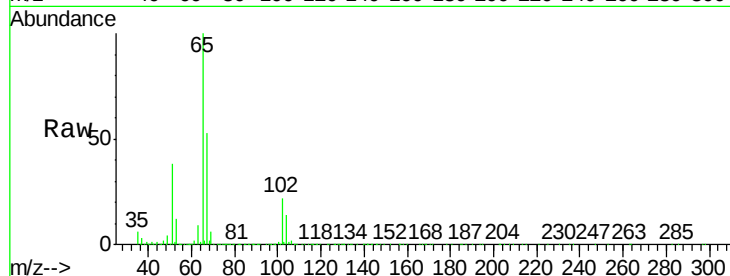
67 53.9 0.0 105.6

Manual Integrations

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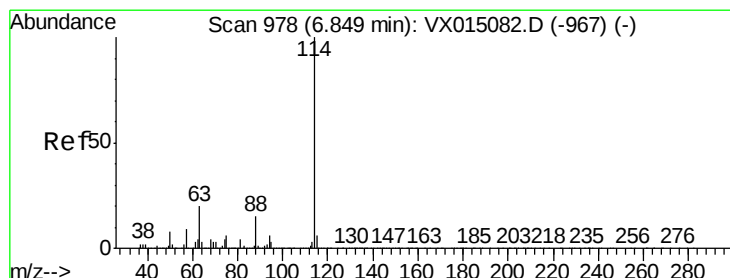
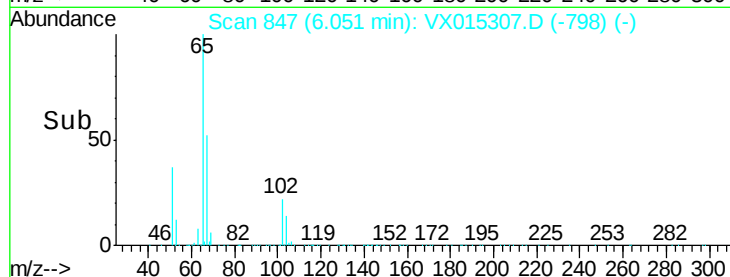
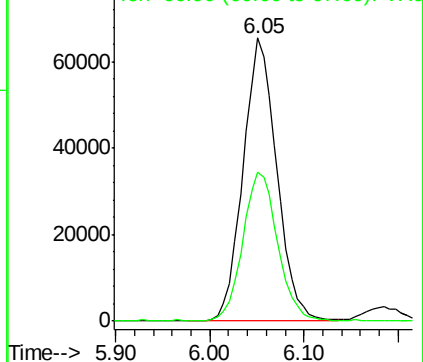
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

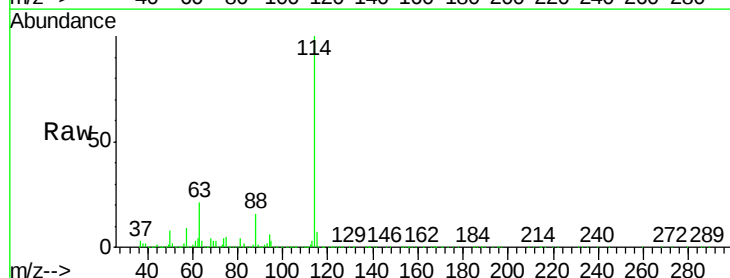
Tgt Ion: 114 Resp: 455783

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

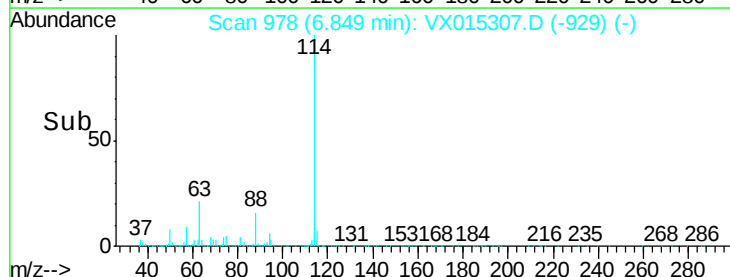
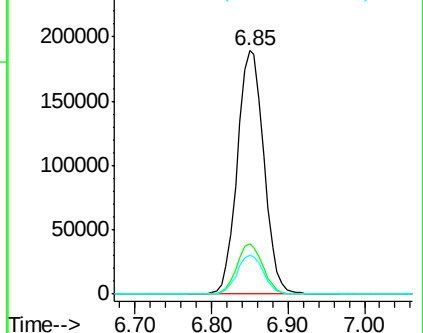
88 16.1 0.0 30.6

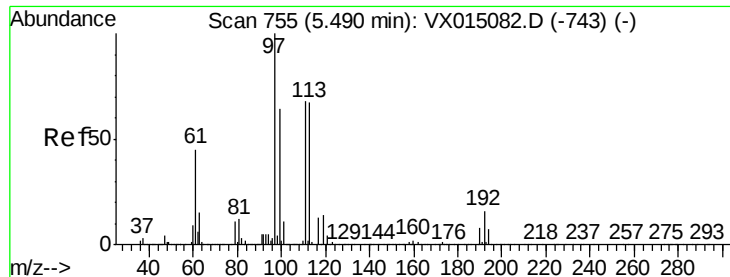


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





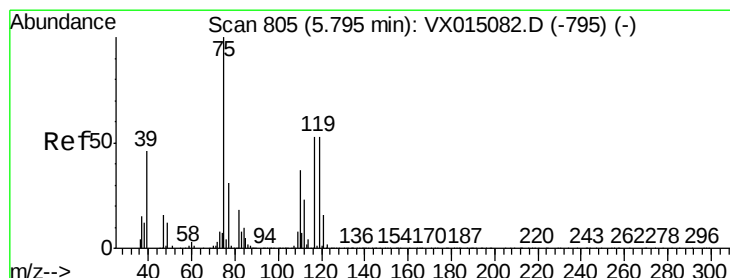
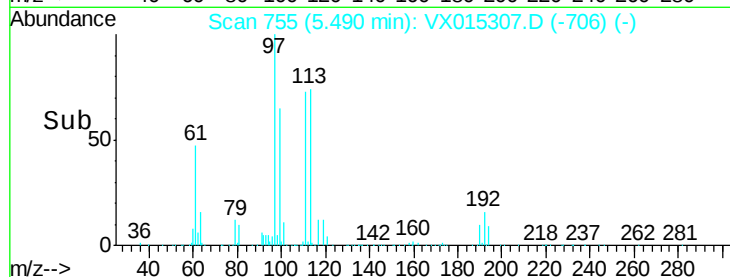
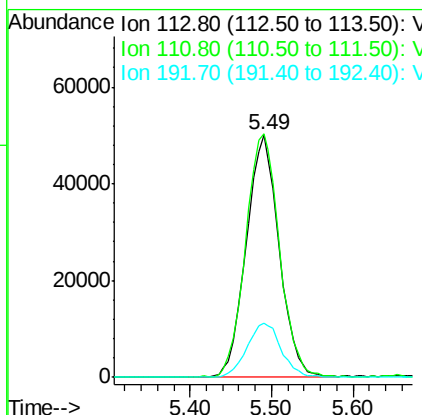
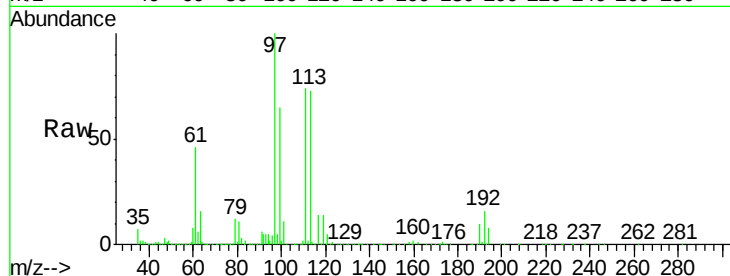
#35
 Dibromofluoromethane
 Concen: 48.727 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	23.5	18.6	28.0

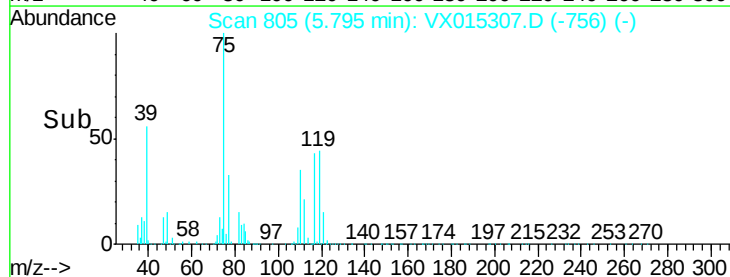
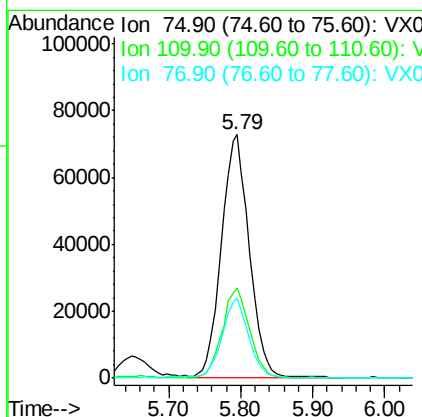
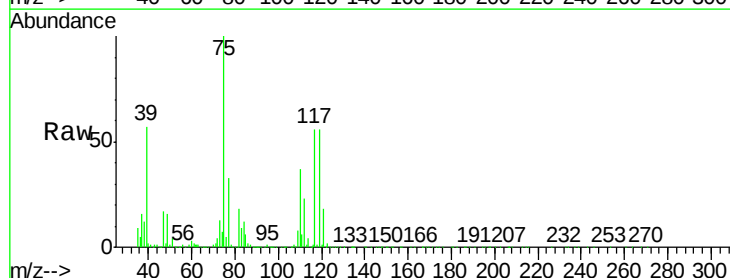
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 46.408 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.9	53.8
77	30.5	24.8	37.2





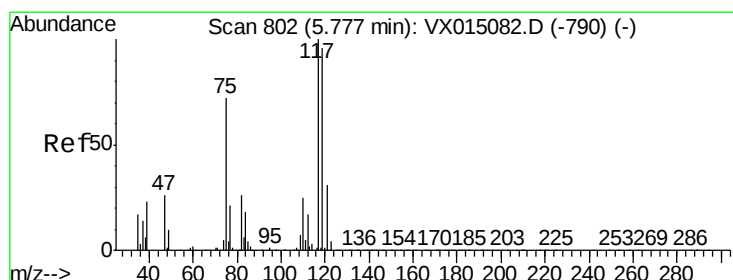
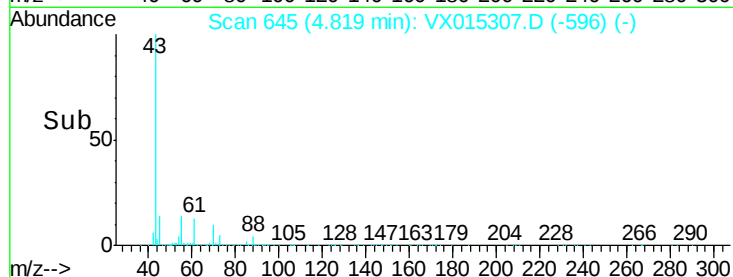
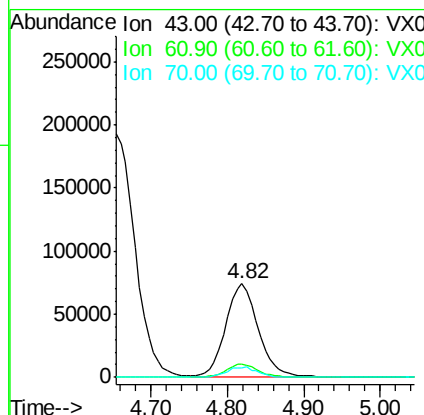
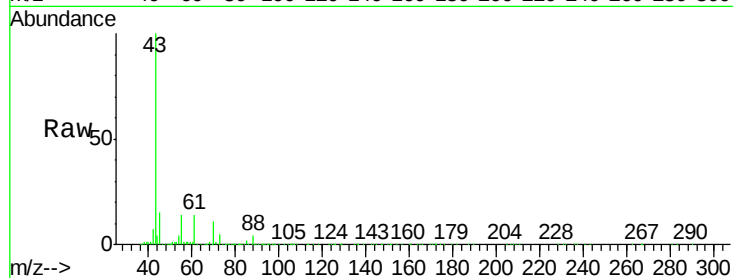
#37
Ethyl Acetate
Concen: 55.214 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	215804
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.8	8.1	12.1

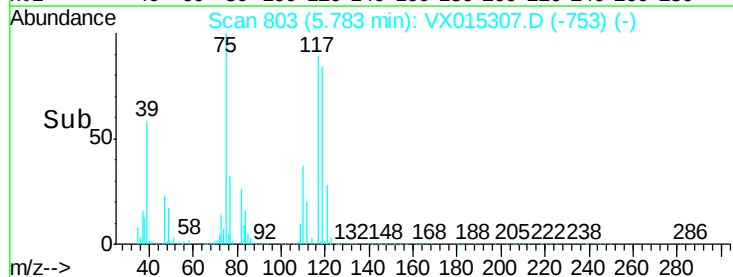
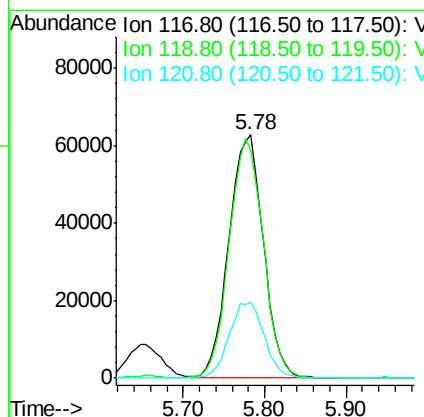
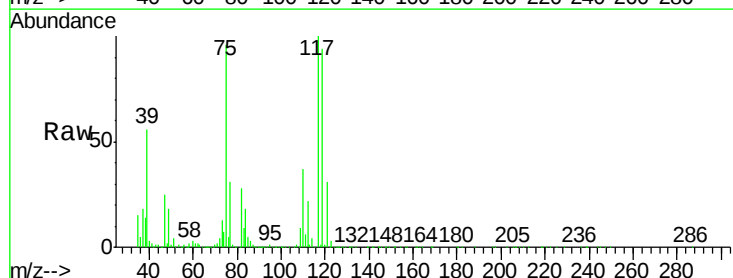
Manual Integrations
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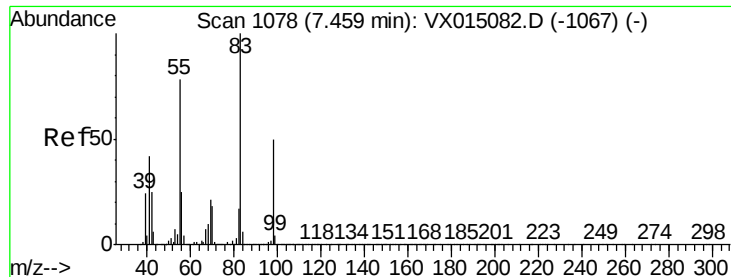
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3/17/2020 12:11:25 PM



#38
Carbon Tetrachloride
Concen: 46.122 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion:	117	Resp:	183439
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.9	115.3
121	31.4	24.6	37.0





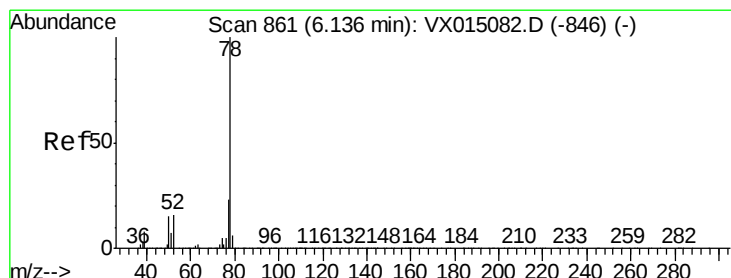
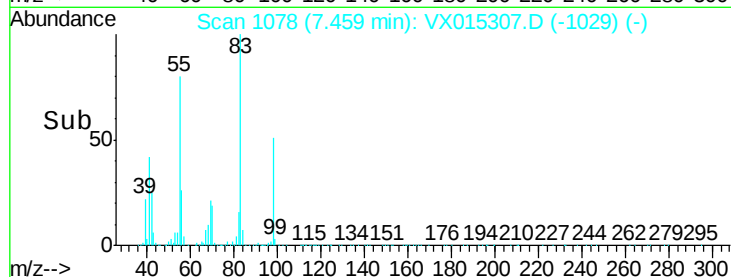
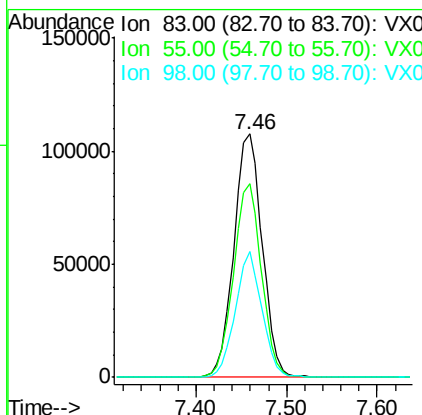
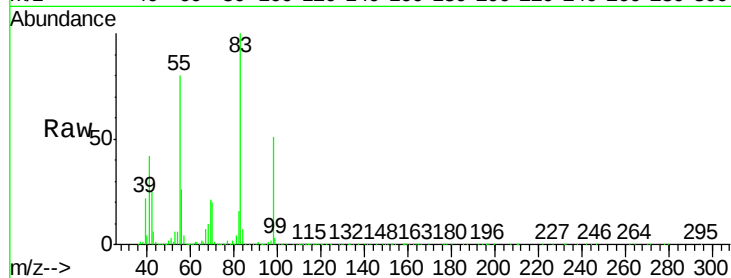
#39
Methvlcvclohexane
Concen: 47.458 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	233497		
55	79.7	62.4	93.6	
98	51.4	39.7	59.5	

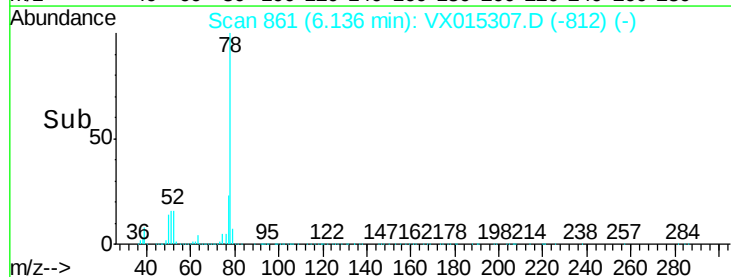
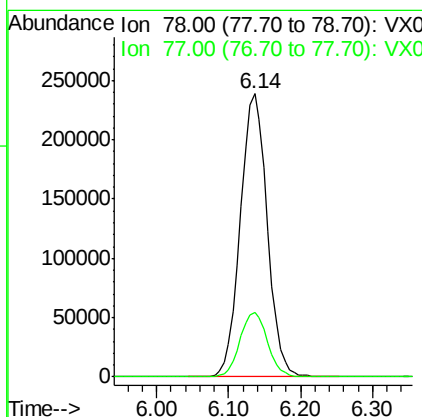
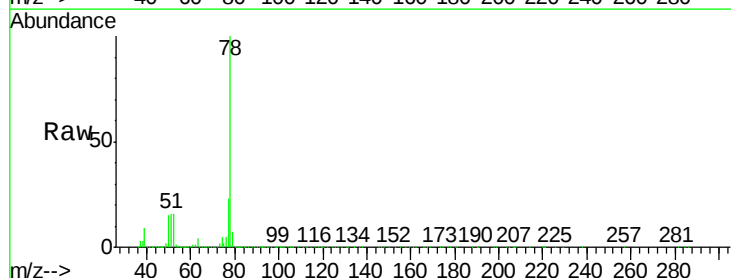
Manual Integrations
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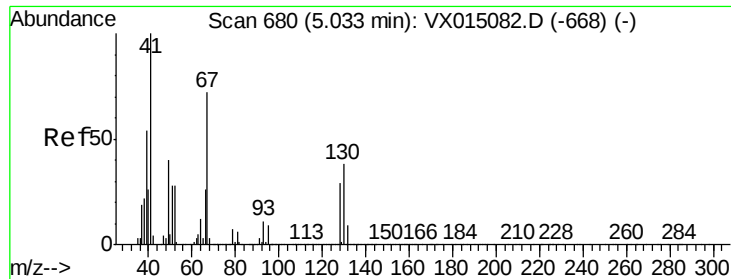
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#40
Benzene
Concen: 49.557 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	619509		
77	23.0	18.6	28.0	





#41

Methacrylonitrile

Concen: 53.906 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

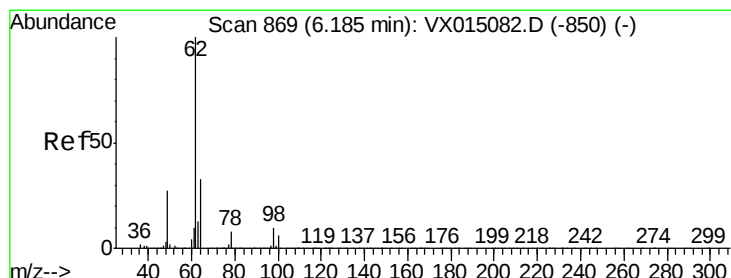
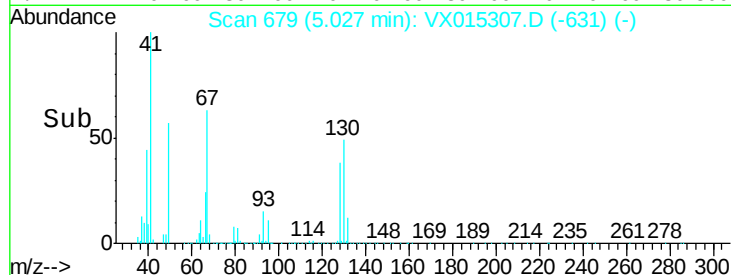
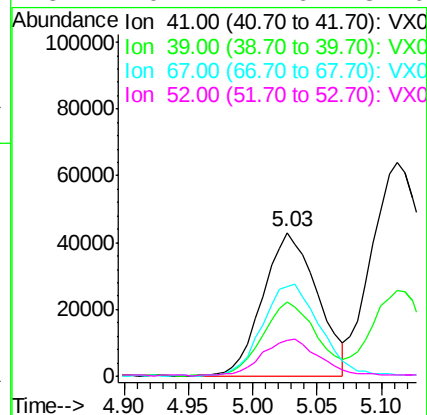
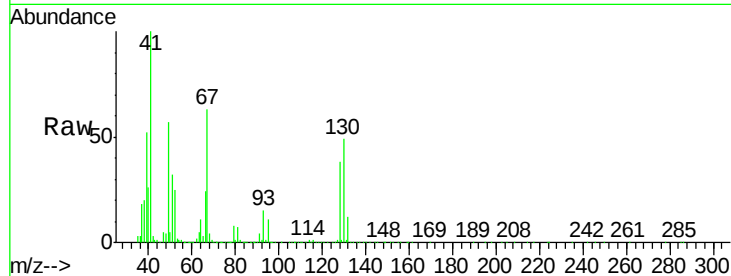
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.5	43.9	65.9	
67	67.1	57.8	86.8	
52	26.1	22.6	34.0	

Manual Integrations
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3/17/2020 12:11:25 PM



#42

1,2-Dichloroethane

Concen: 47.647 ug/l

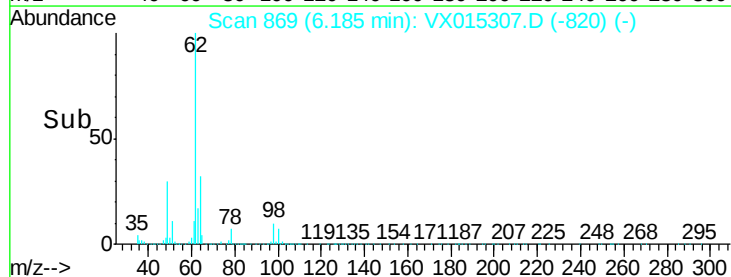
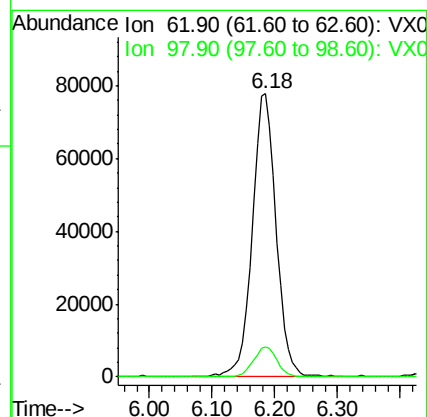
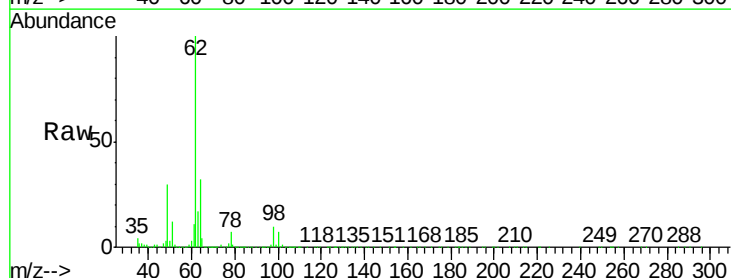
RT: 6.18 min Scan# 869

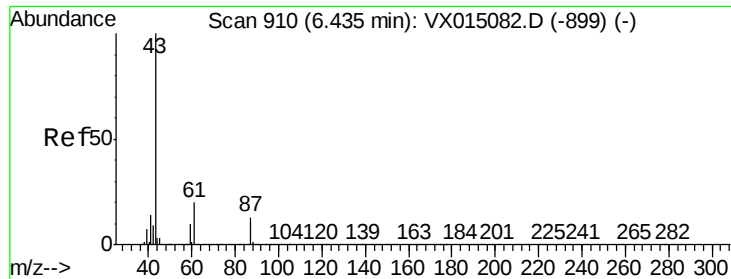
Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.6	





#43

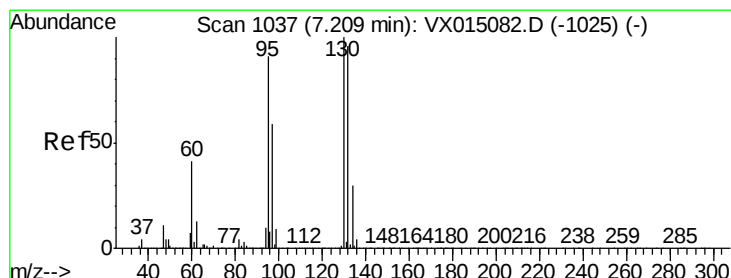
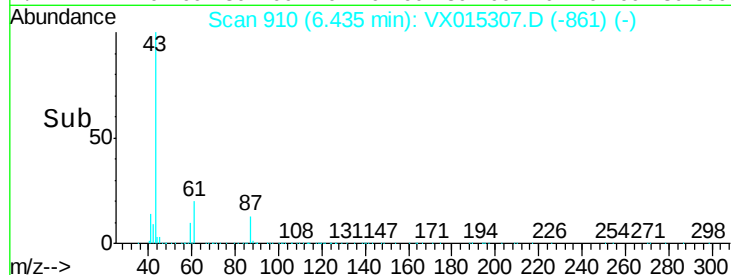
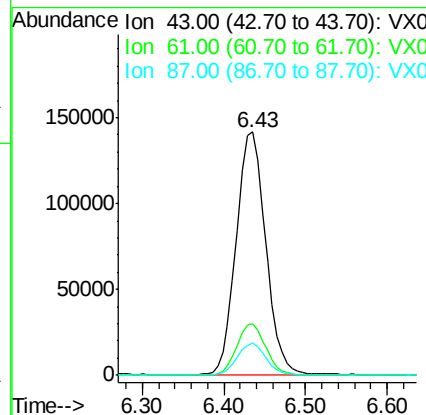
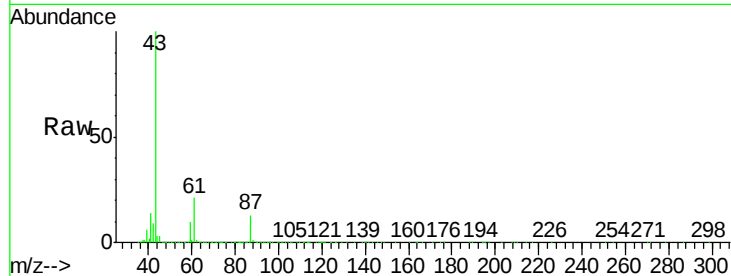
Isopropyl Acetate
 Concen: 51.337 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.1	24.1
87	12.9	10.6	16.0

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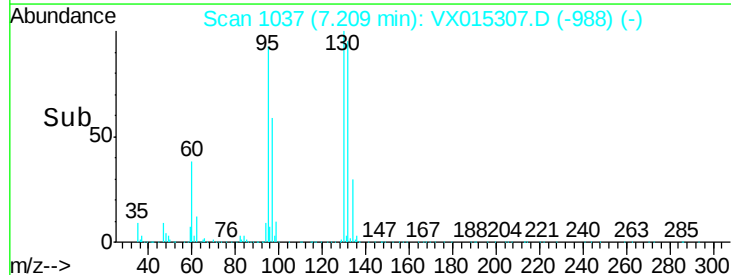
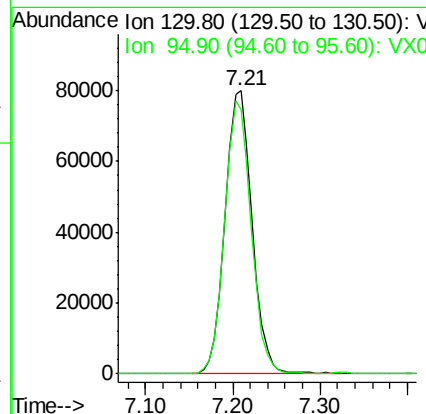
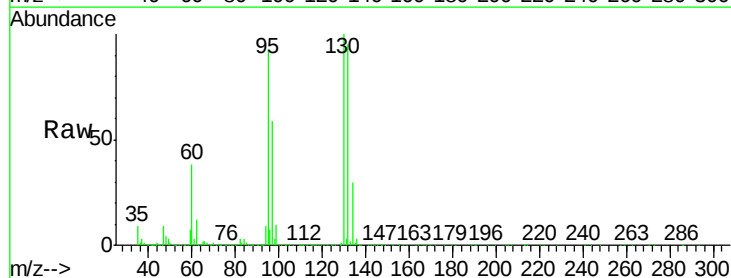
MMDadoda
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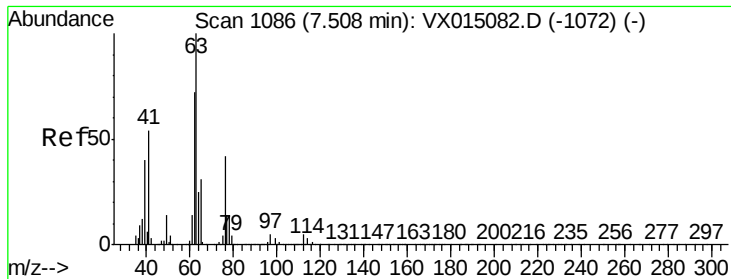


#44

Trichloroethene
 Concen: 48.940 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	181.2





#45

1,2-Dichloropropane

Concen: 51.498 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 166633

Ion Ratio Lower Upper

63 100

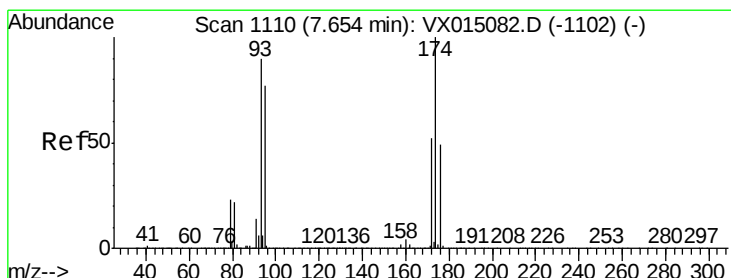
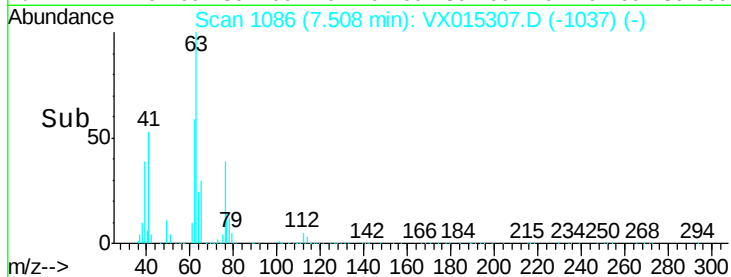
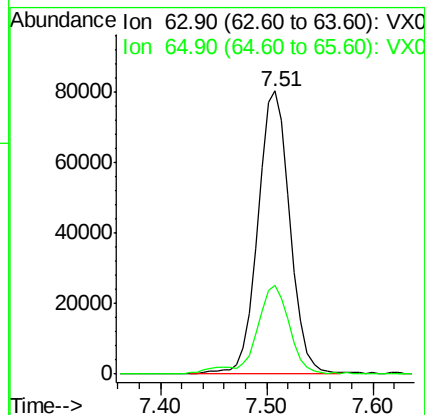
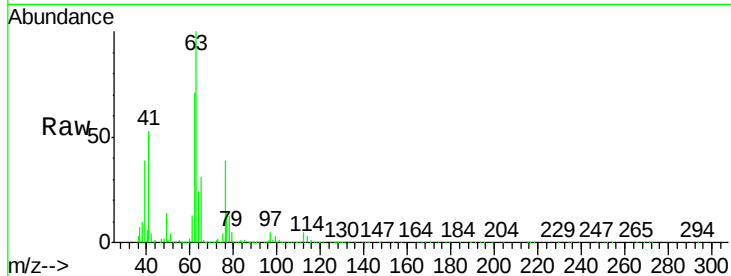
65 31.2 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 48.274 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

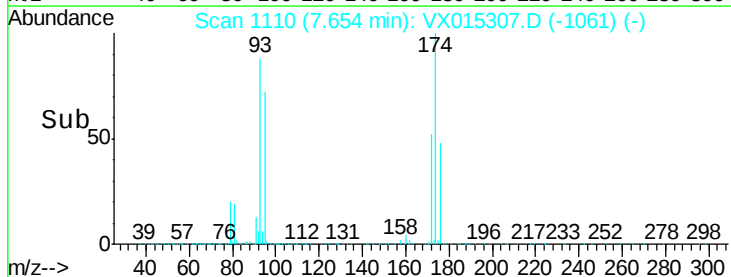
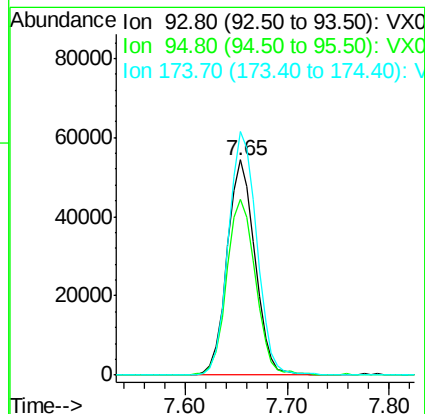
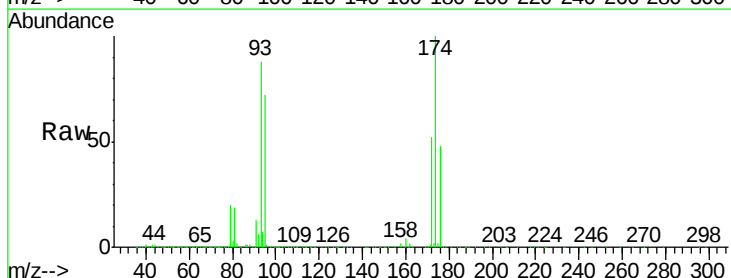
Tgt Ion: 93 Resp: 101780

Ion Ratio Lower Upper

93 100

95 84.6 67.8 101.8

174 116.2 91.0 136.4





#47

Bromodichloromethane

Concen: 49.898 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

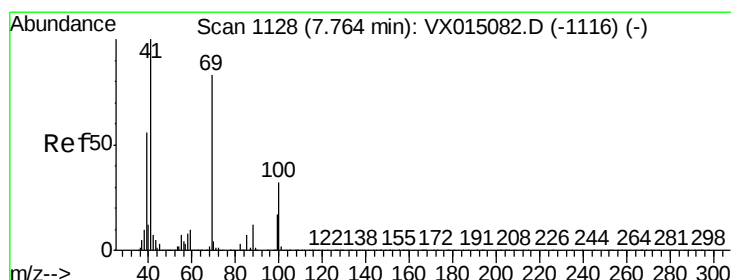
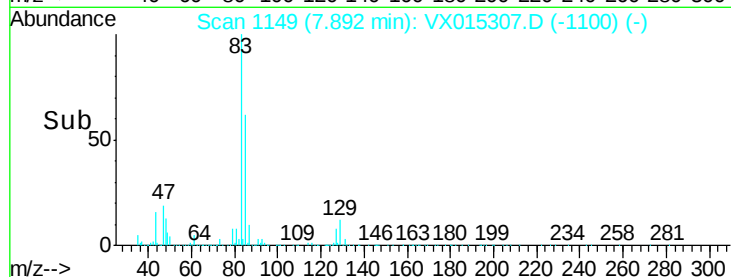
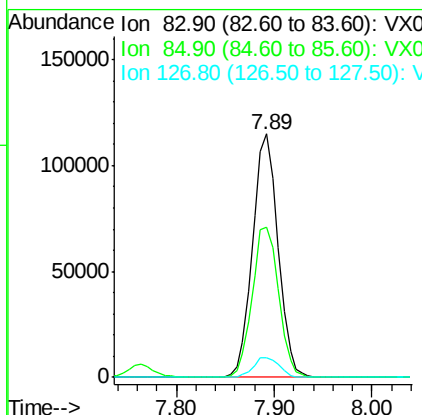
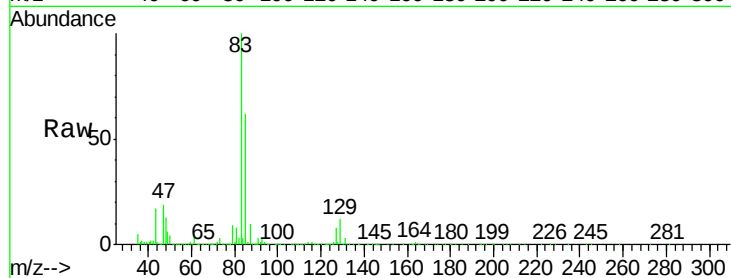
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	208041
Ion Ratio	Lower	Upper	
83	100		
85	61.6	50.6	75.8
127	8.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.847 ug/l

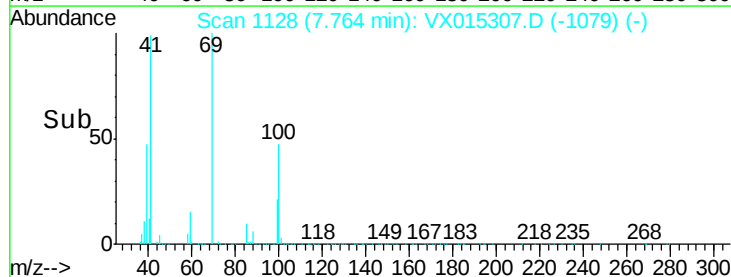
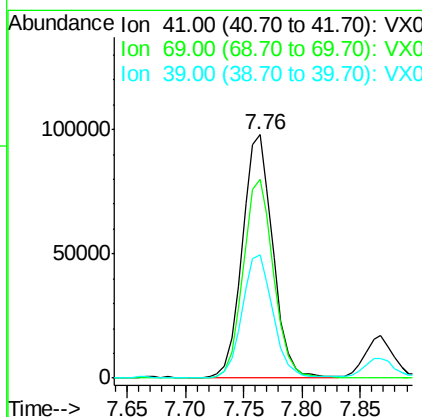
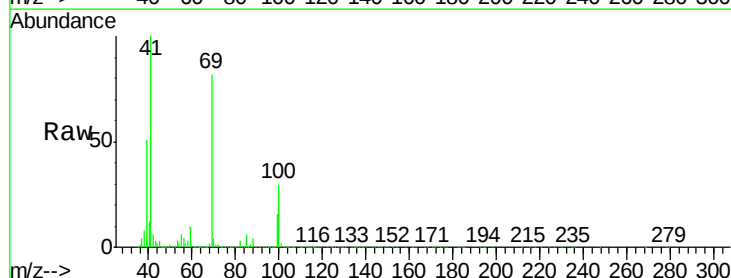
RT: 7.76 min Scan# 1128

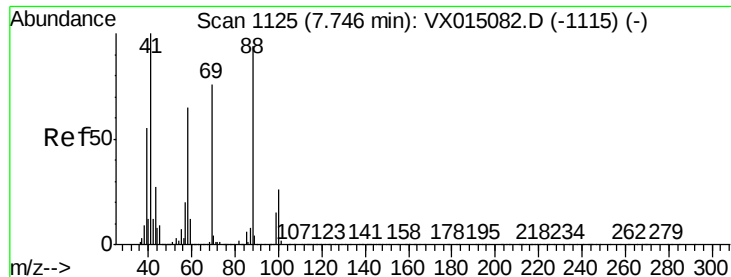
Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion:	41	Resp:	177939
Ion Ratio	Lower	Upper	
41	100		
69	81.3	65.4	98.2
39	51.0	44.6	67.0





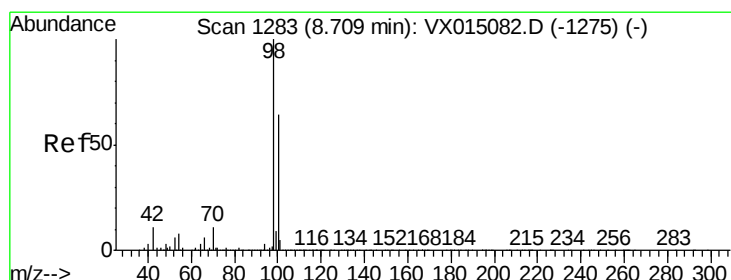
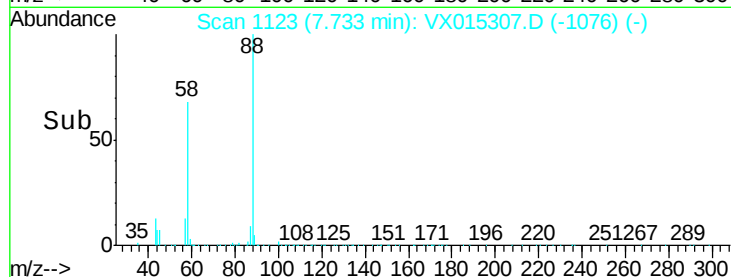
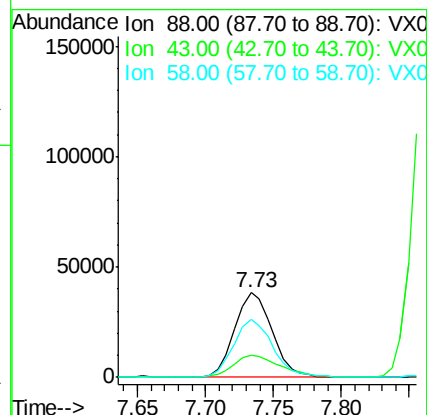
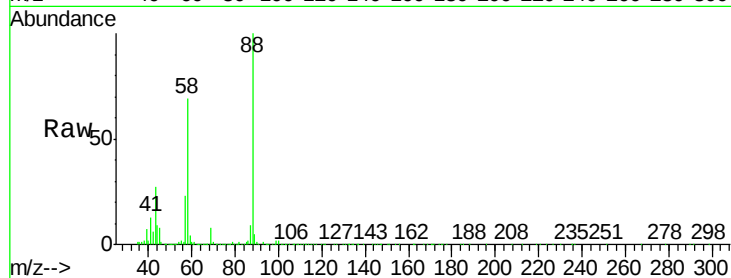
#49
1,4-Dioxane
Concen: 973.862 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.0	40.4
58	72.4	55.6	83.4

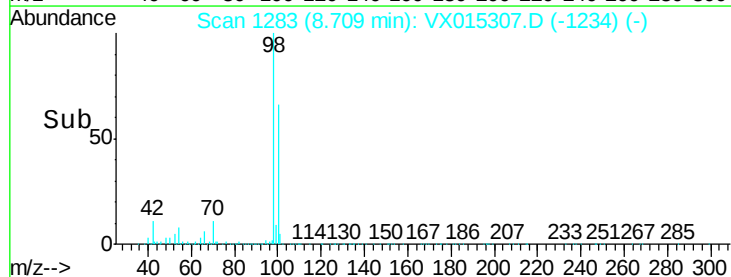
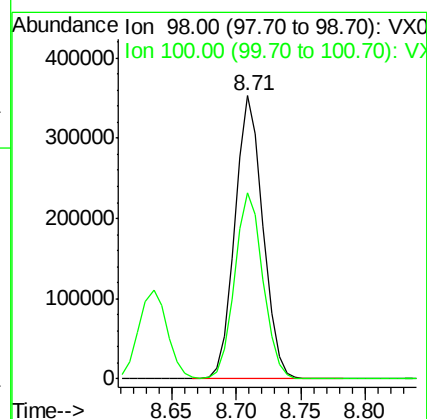
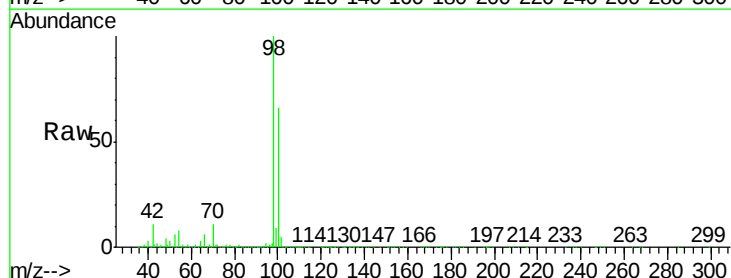
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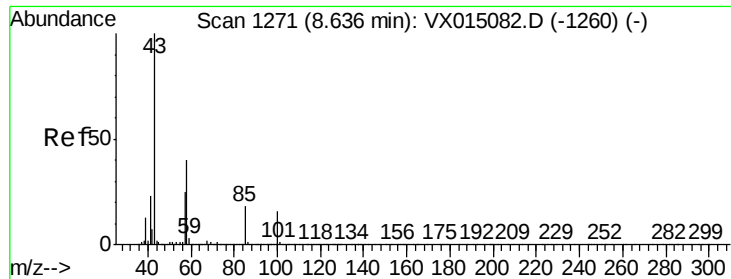
MMDadoda
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#50
Toluene-d8
Concen: 48.976 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 270.837 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1101050

Ion Ratio Lower Upper

43 100

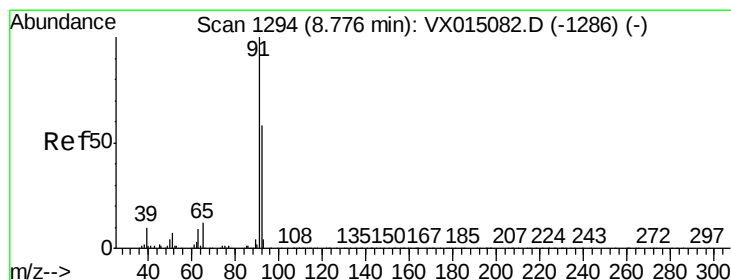
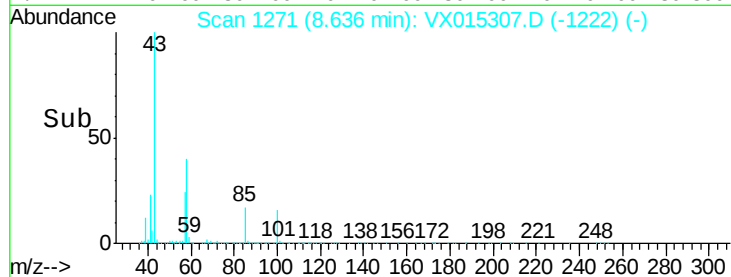
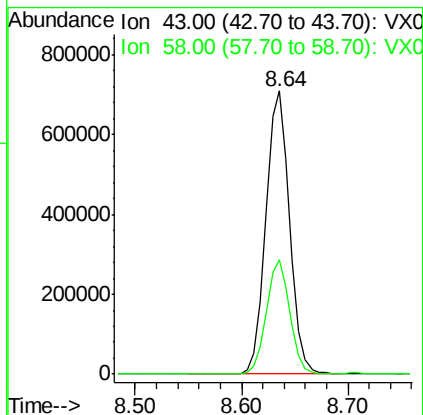
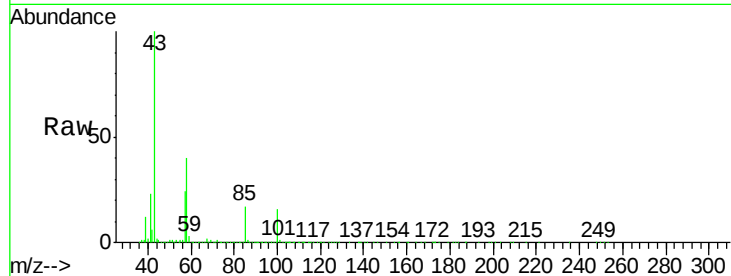
58 39.7 31.6 47.4

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#52

Toluene

Concen: 50.163 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015307.D

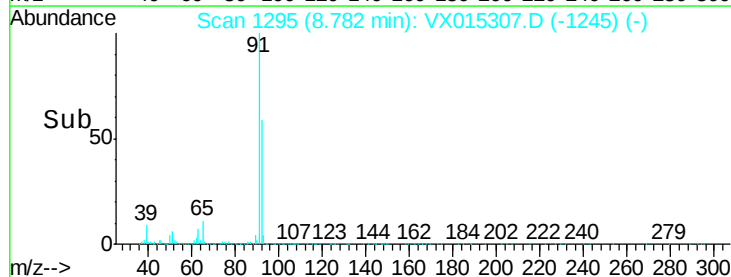
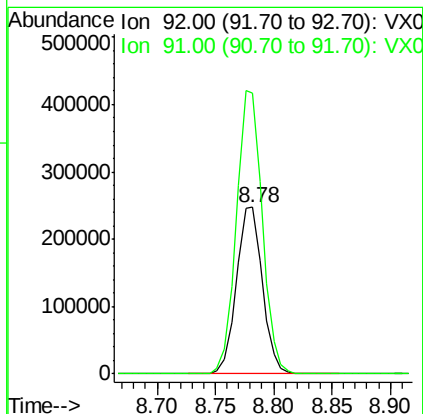
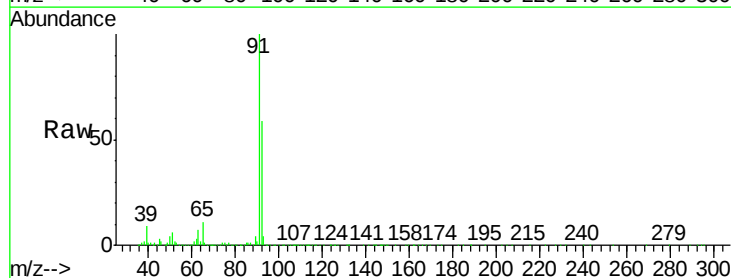
Acq: 16 Mar 2020 20:28

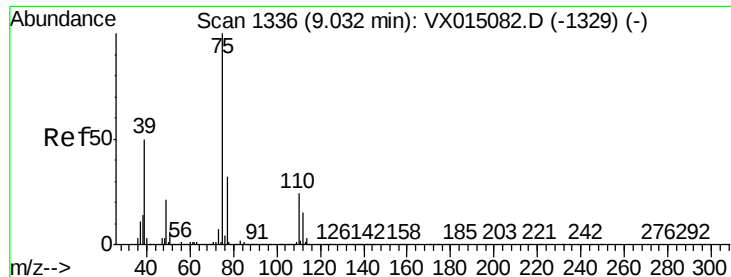
Tgt Ion: 92 Resp: 383421

Ion Ratio Lower Upper

92 100

91 170.3 136.9 205.3





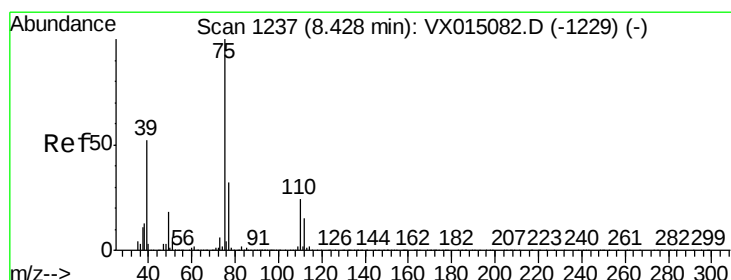
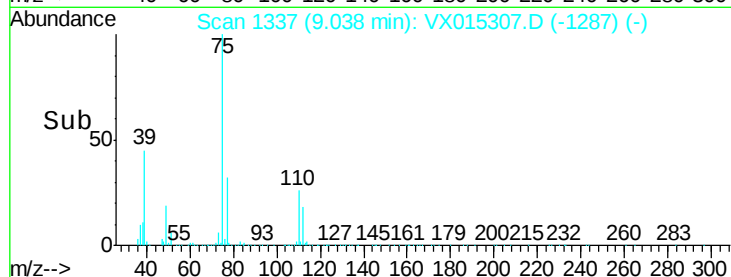
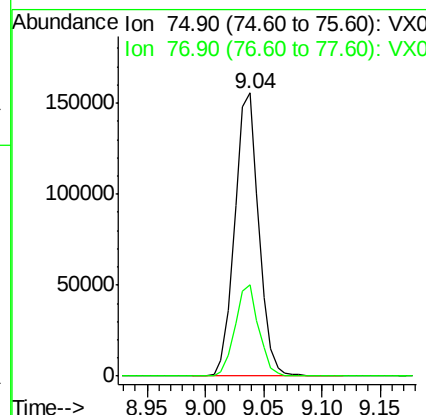
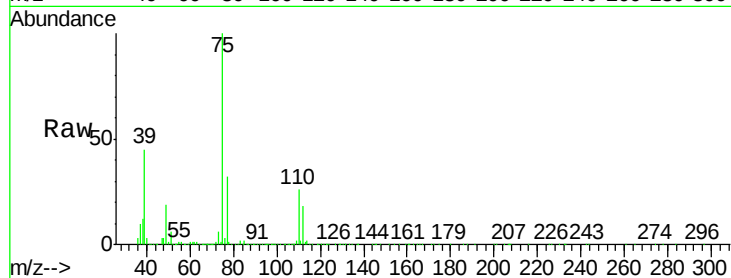
#53
t-1,3-Dichloropropene
Concen: 50.299 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0

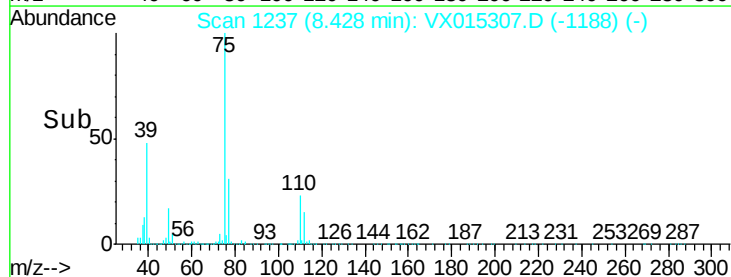
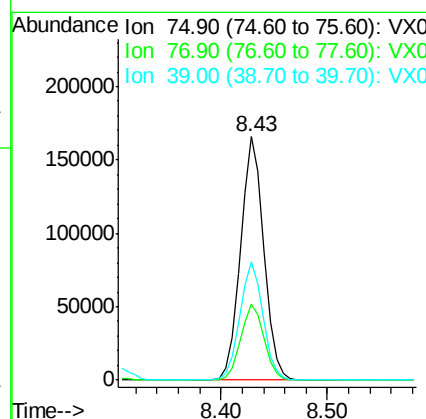
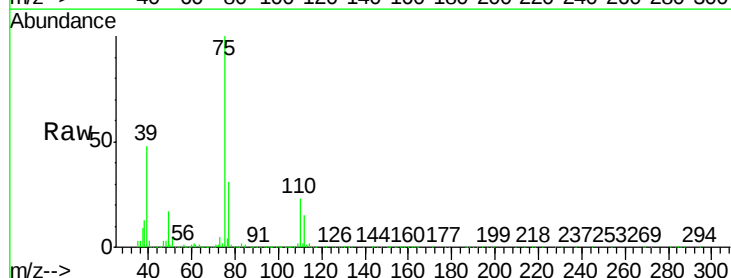
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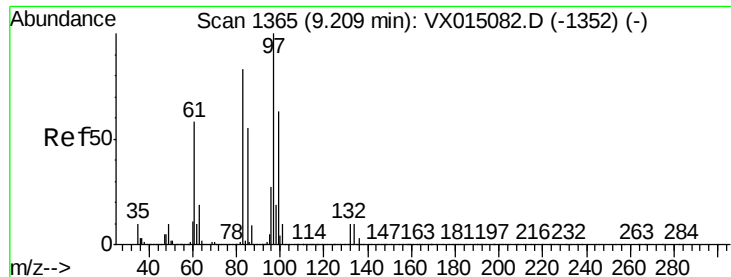
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.638 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.6
39	48.2	41.3	61.9





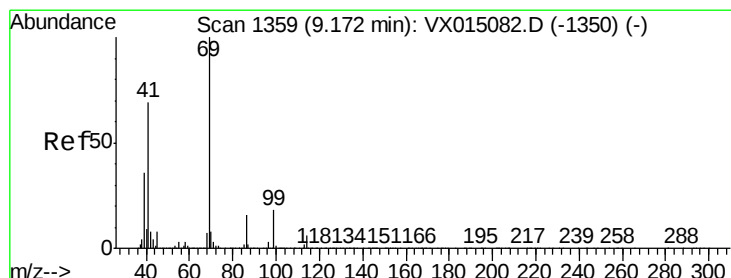
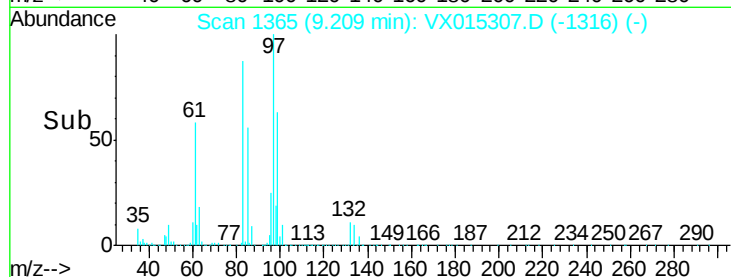
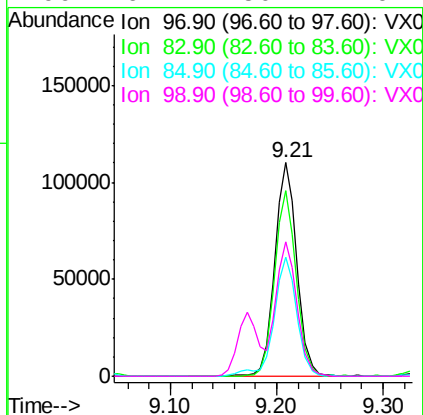
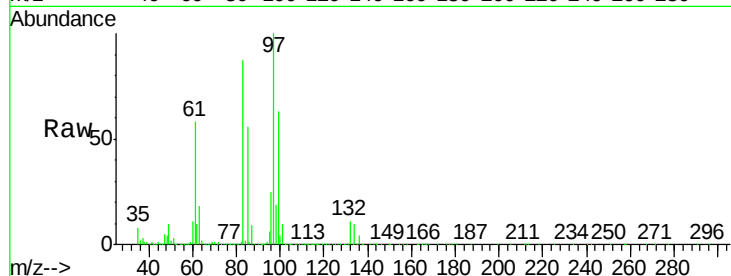
#55
 1,1,2-Trichloroethane
 Concen: 50.470 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		158782		
83	86.7	66.4	99.6		
85	55.4	43.5	65.3		
99	62.7	50.7	76.1		

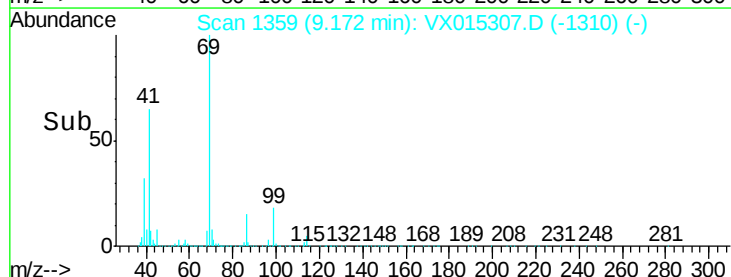
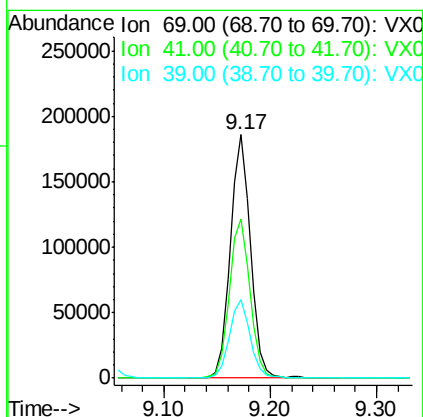
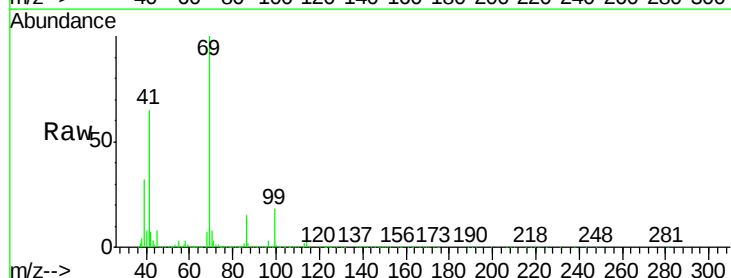
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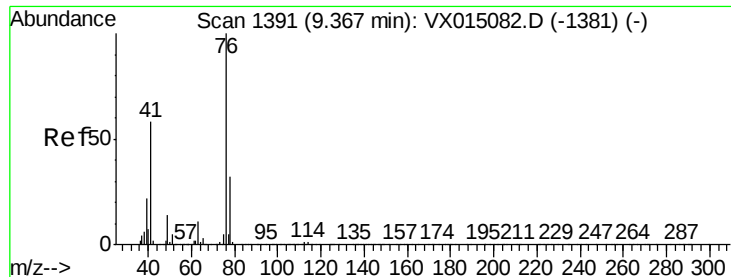
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#56
 Ethyl methacrylate
 Concen: 55.116 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		247328		
41	66.7	55.8	83.8		
39	32.7	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 50.599 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 267811

Ion Ratio Lower Upper

76 100

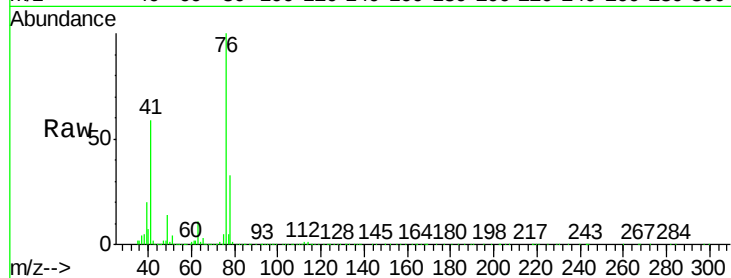
78 32.2 25.6 38.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

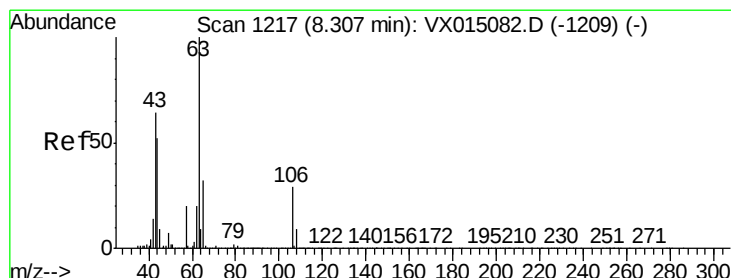
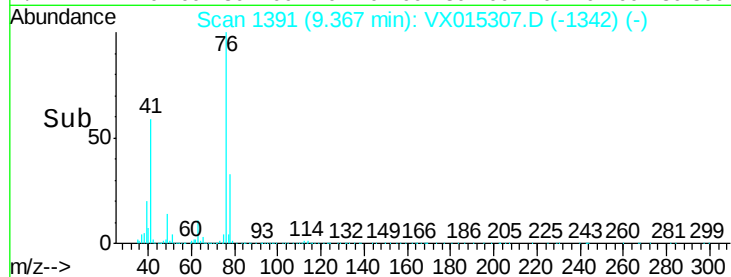
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.626 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015307.D

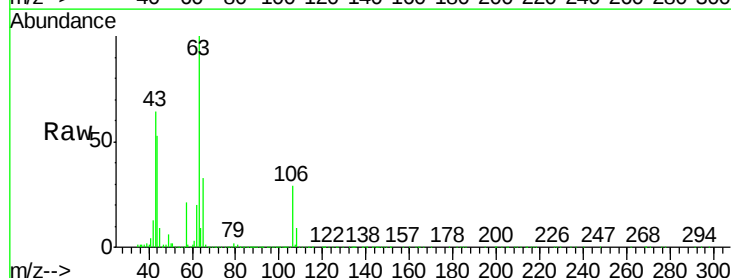
Acq: 16 Mar 2020 20:28

Tgt Ion: 63 Resp: 634692

Ion Ratio Lower Upper

63 100

106 28.0 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

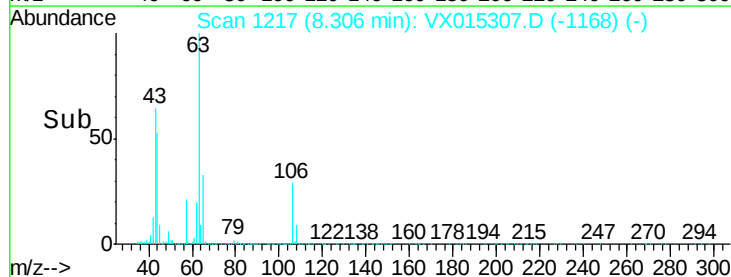
300000

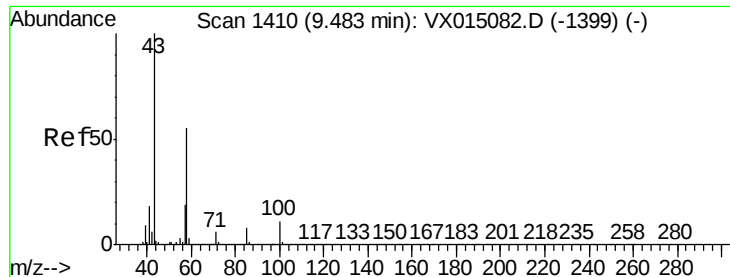
200000

100000

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Time-->





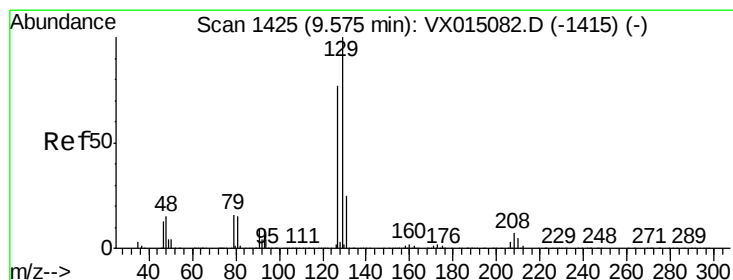
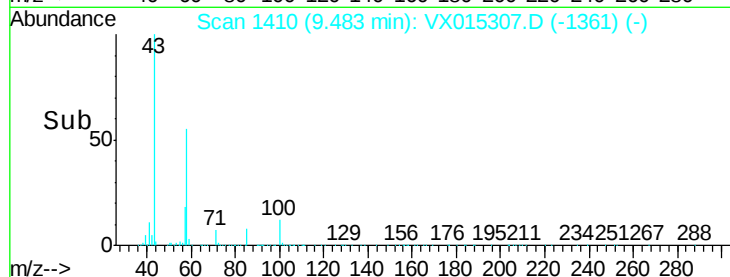
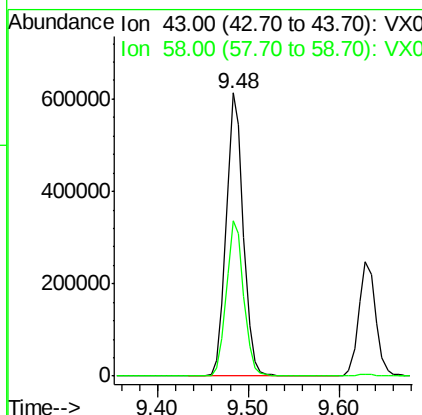
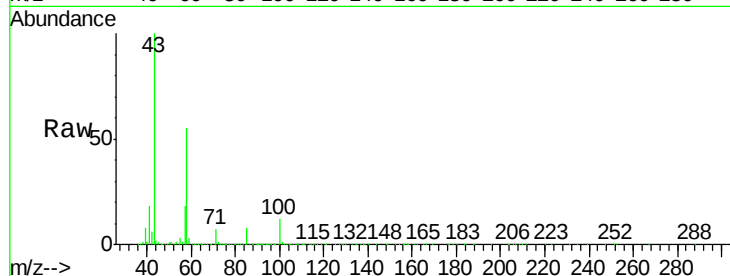
#59
2-Hexanone
Concen: 271.782 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 818930
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8

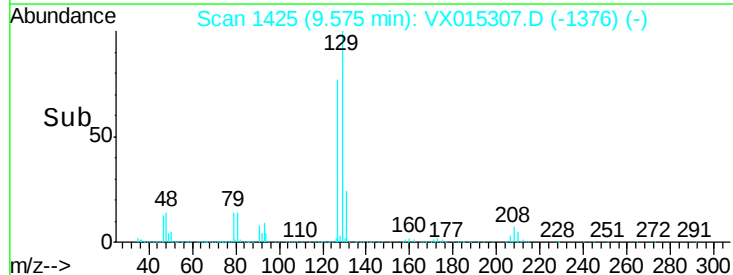
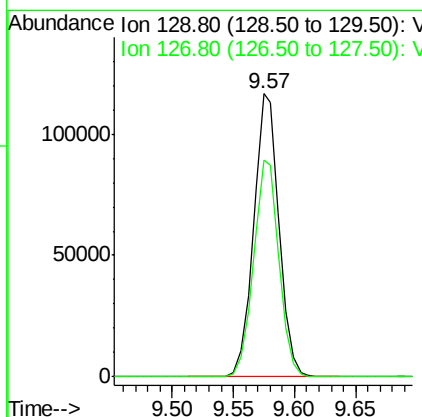
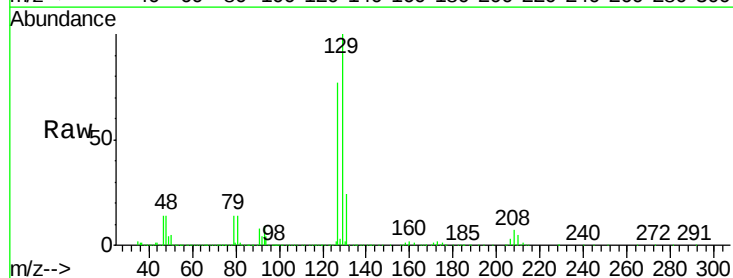
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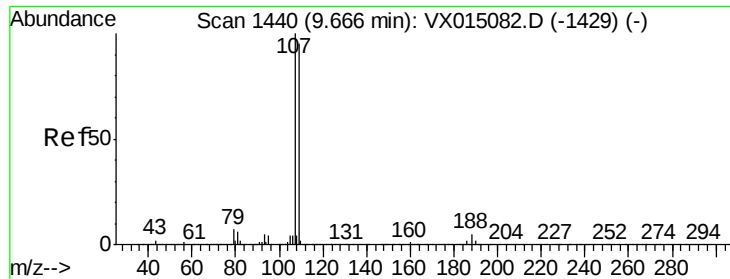
MMDadoda
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#60
Dibromochloromethane
Concen: 51.028 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion: 129 Resp: 168636
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





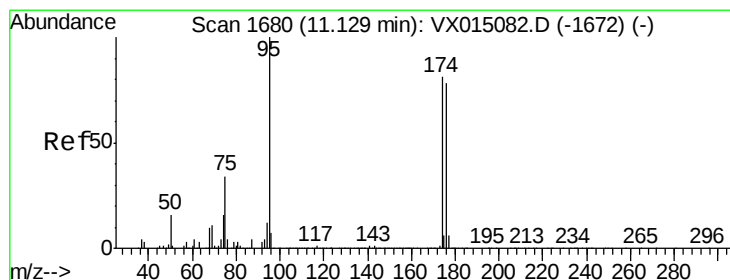
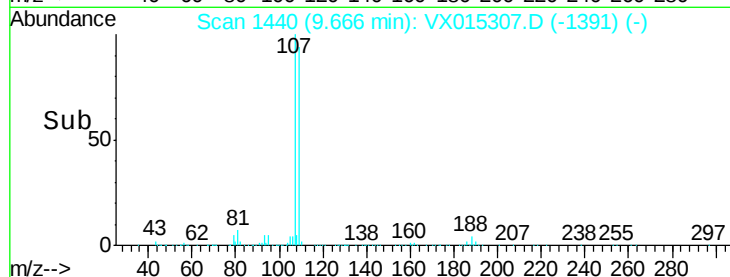
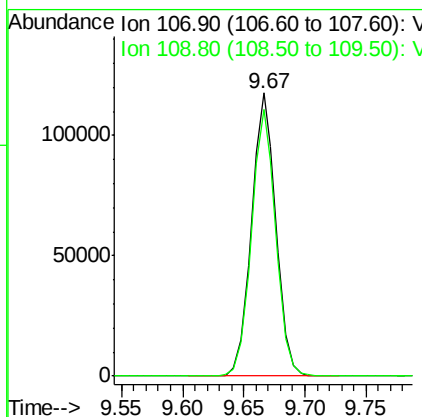
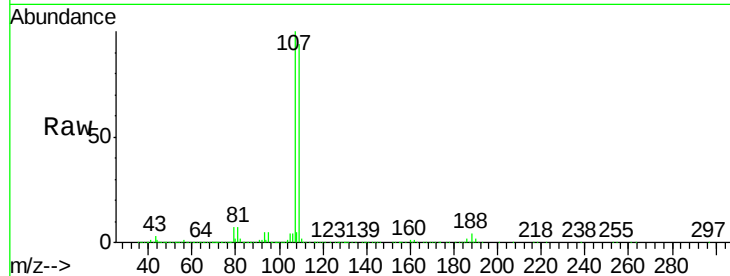
#61
 1,2-Dibromoethane
 Concen: 49.522 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	163641		
109	94.0	75.6	113.4	

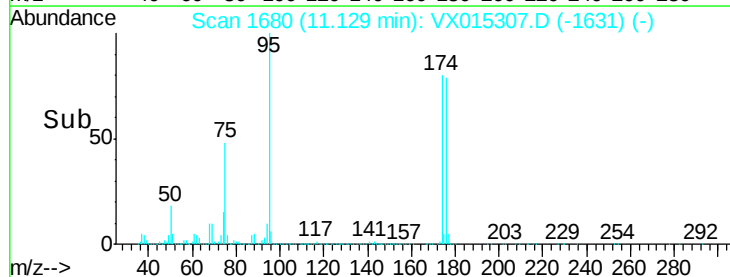
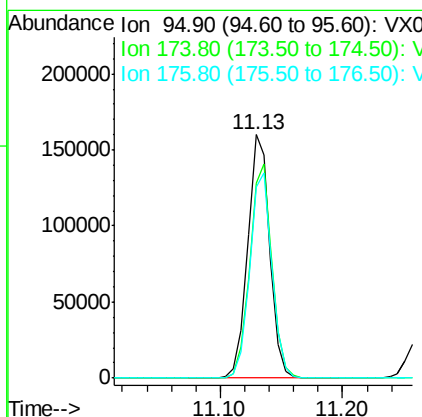
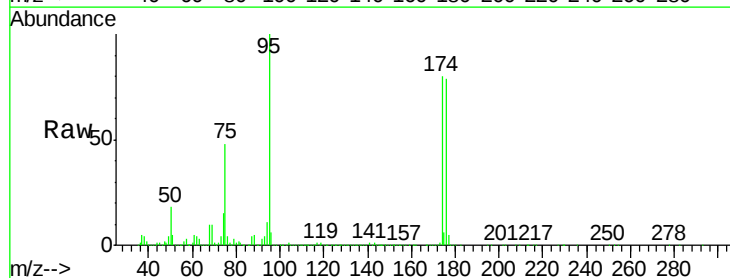
Manual Integrations
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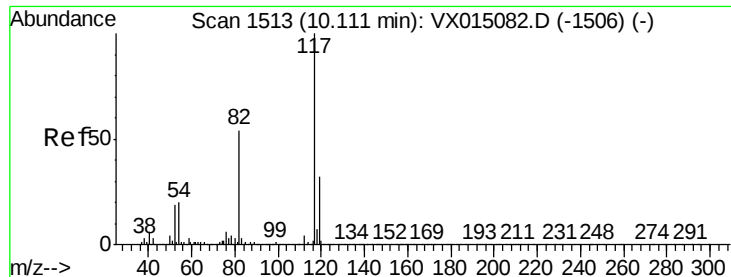
MMDadoda
 3/17/2020 12:11:25 PM



#62
 4-Bromofluorobenzene
 Concen: 51.267 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	200010		
174	88.8	0.0	177.6	
176	85.5	0.0	170.2	





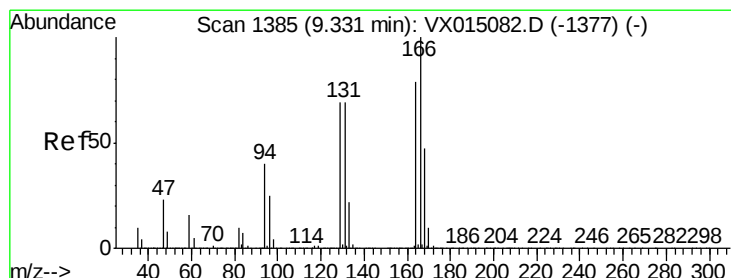
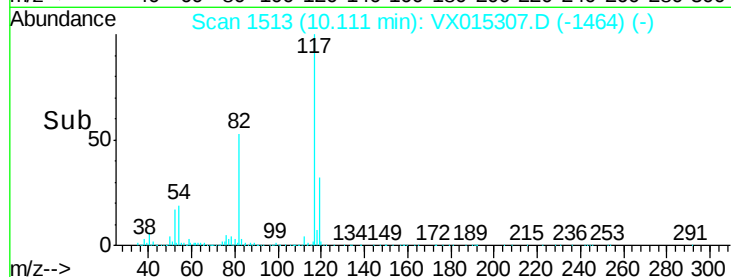
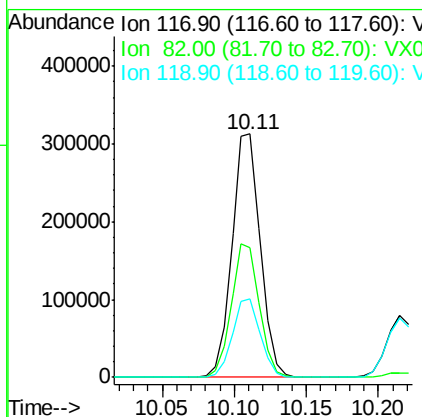
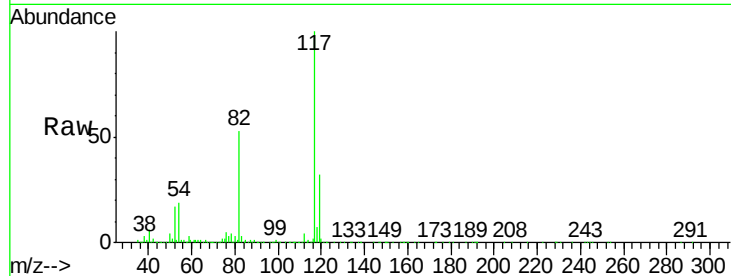
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.3	64.9
119	32.0	25.8	38.8

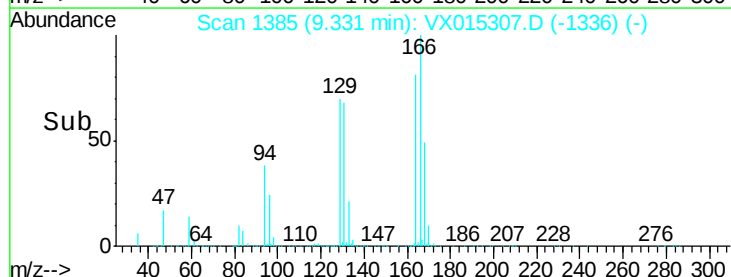
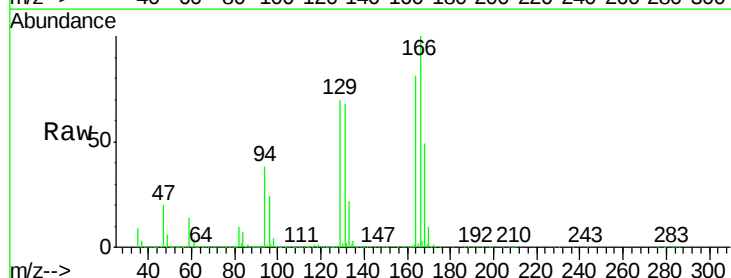
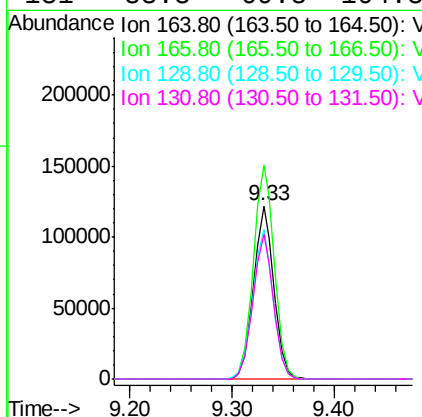
Manual Integrations
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3/17/2020 12:11:25 PM



#64
Tetrachloroethene
Concen: 48.116 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	101.1	151.7
129	86.9	69.4	104.0
131	83.8	69.8	104.8





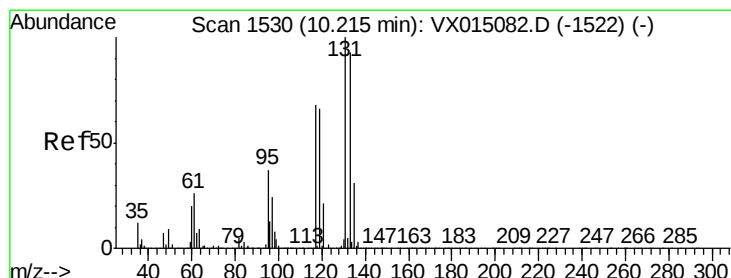
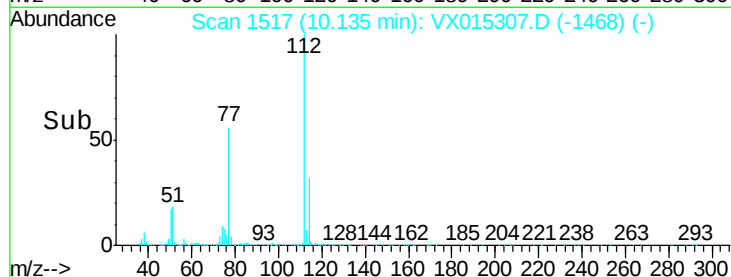
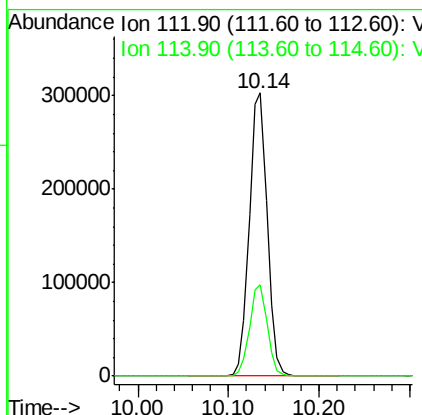
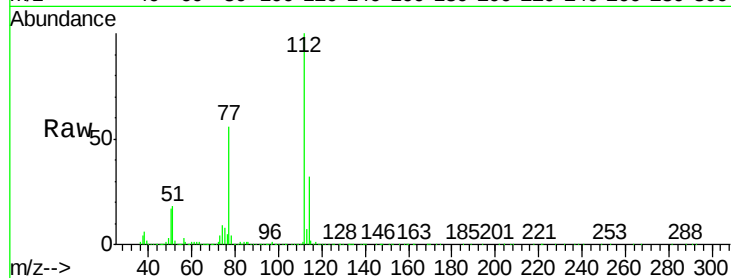
#65
Chlorobenzene
Concen: 48.113 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.5	38.3

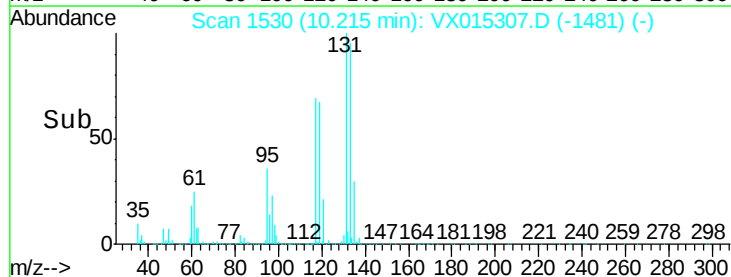
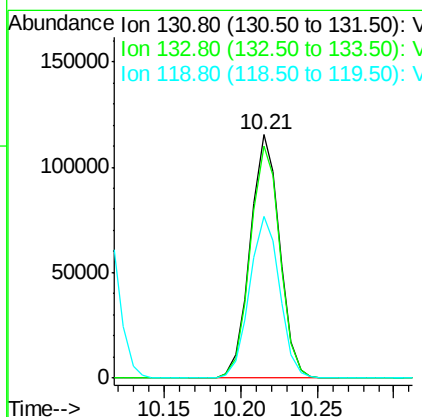
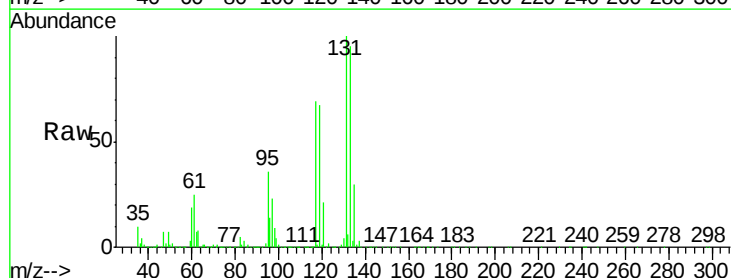
Manual Integrations
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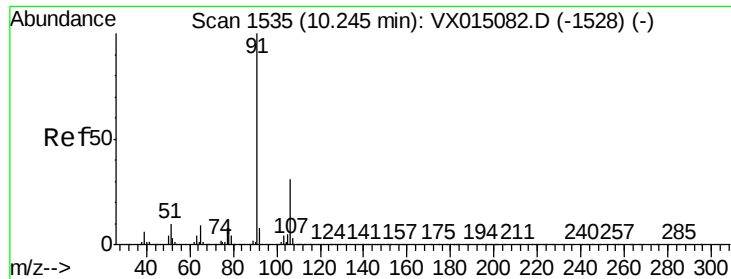
MMDadoda
3/17/2020 12:11:25 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.562 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.5	142.5
119	67.5	33.4	100.1





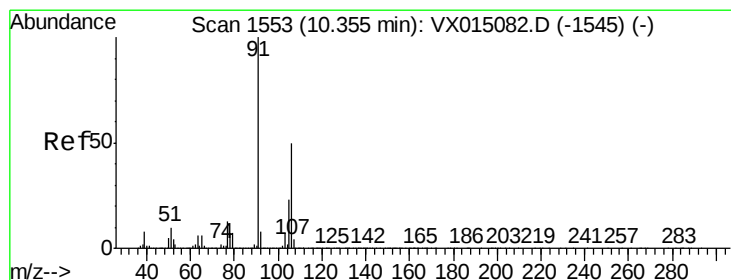
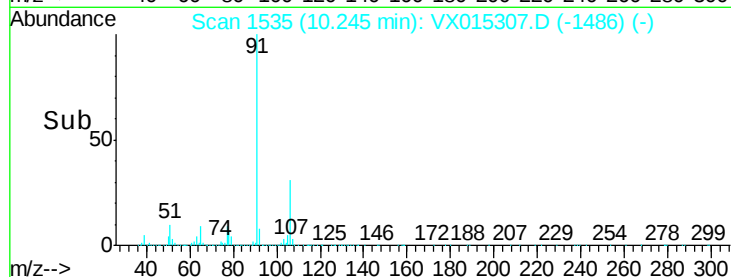
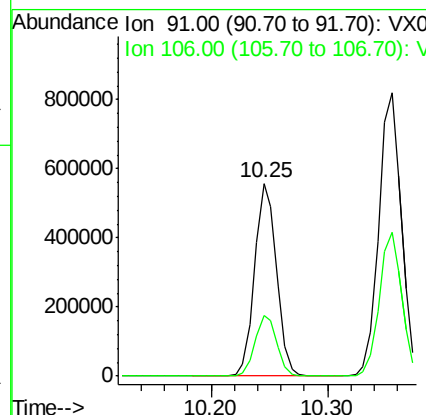
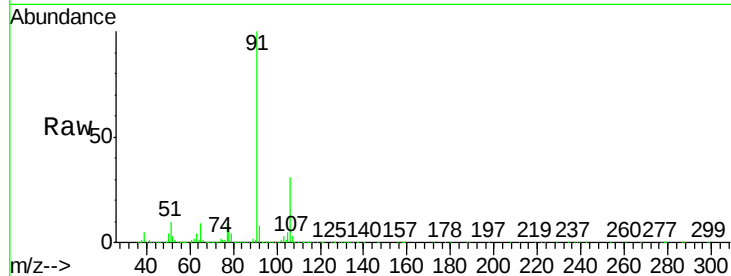
#67
Ethyl Benzene
Concen: 50.014 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.9	37.3

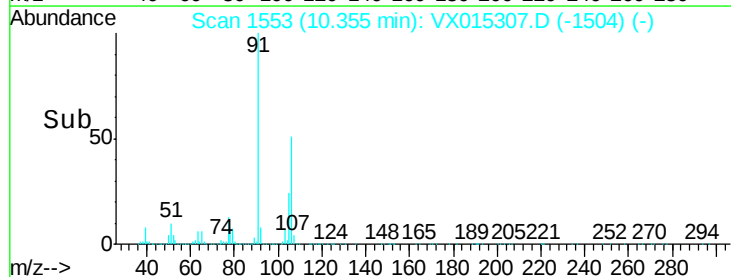
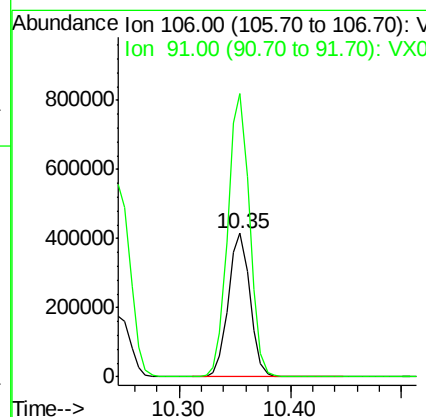
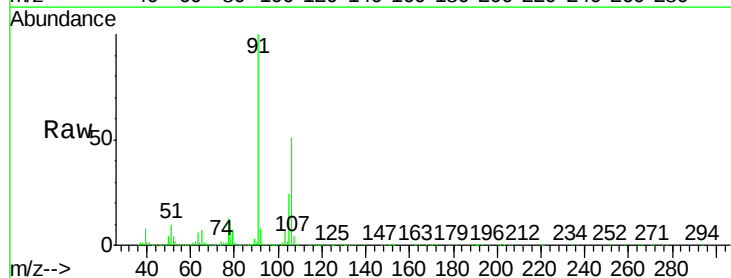
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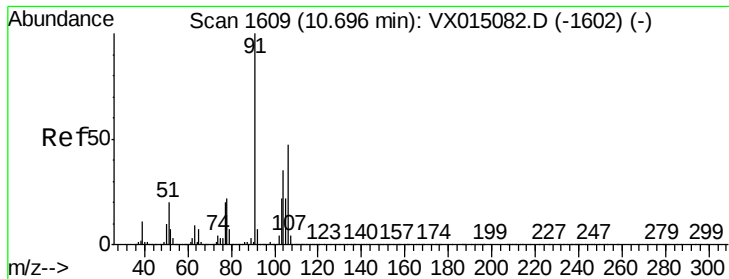
MMDadoda
3/17/2020 12:11:25 PM



#68
m/p-Xylenes
Concen: 100.305 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.4	159.4	239.2





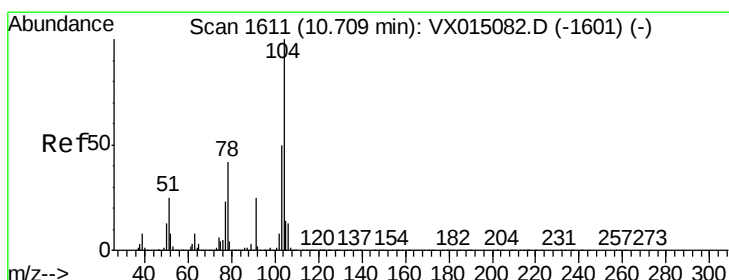
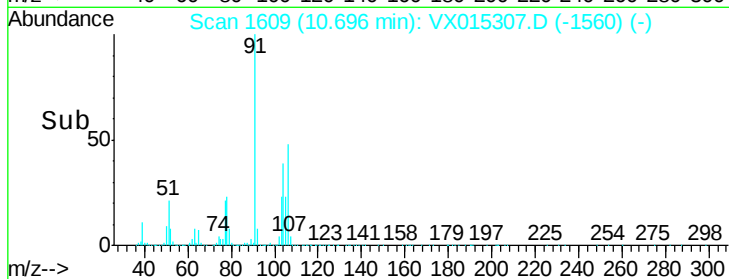
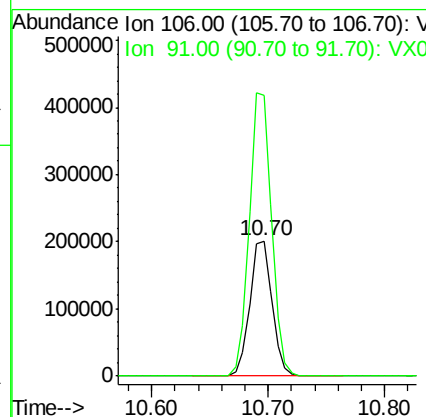
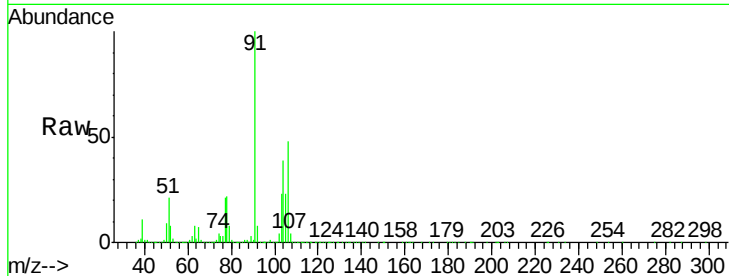
#69
o-Xylene
Concen: 50.282 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	105.4	316.1

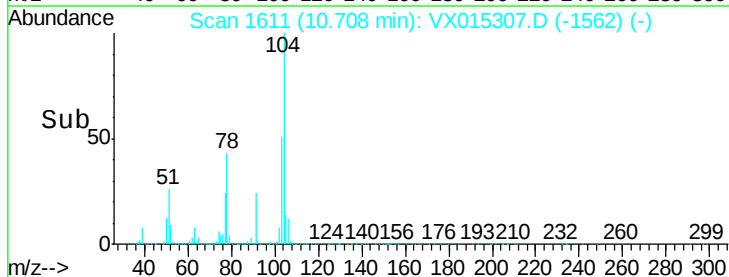
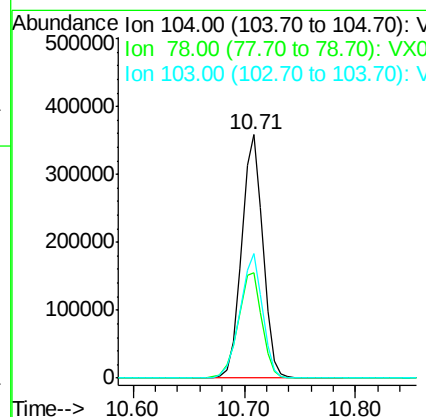
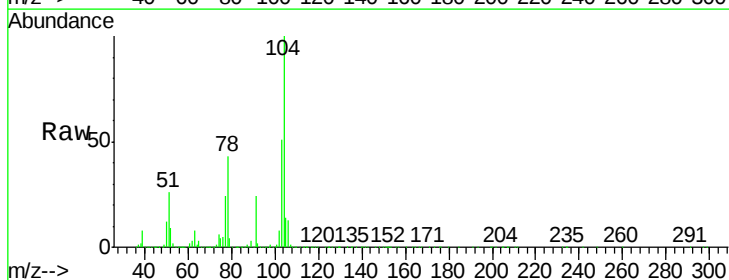
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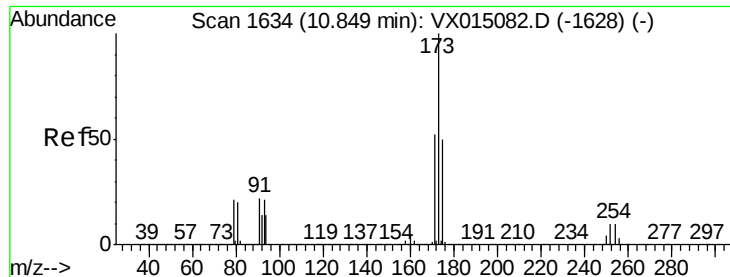
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#70
Styrene
Concen: 51.637 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.4
103	54.2	43.7	65.5





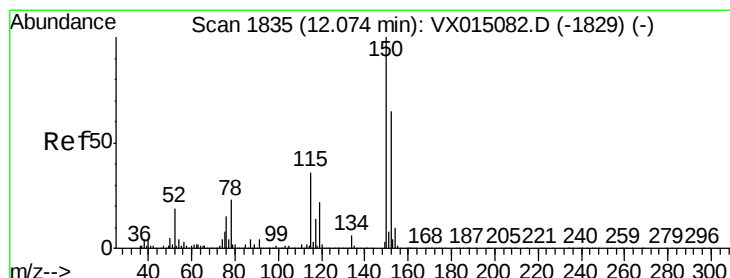
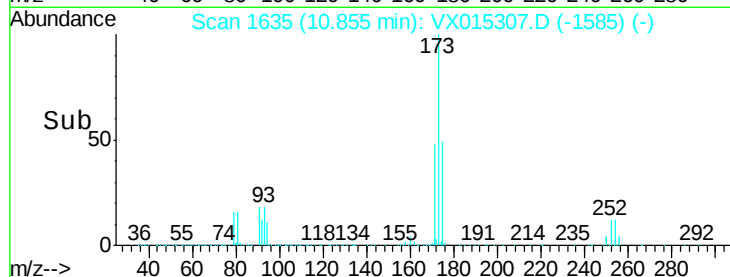
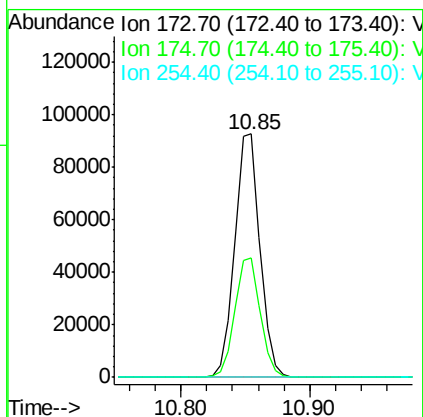
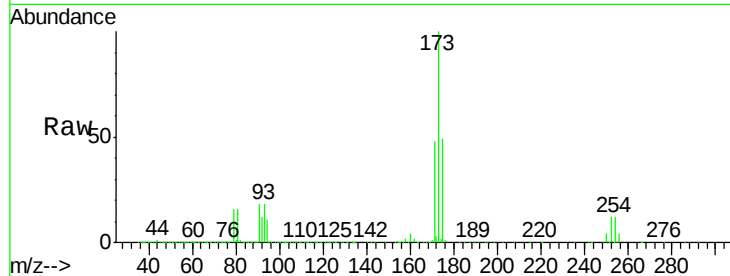
#71
Bromoform
Concen: 50.205 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.7
254	0.3	0.2	0.2#

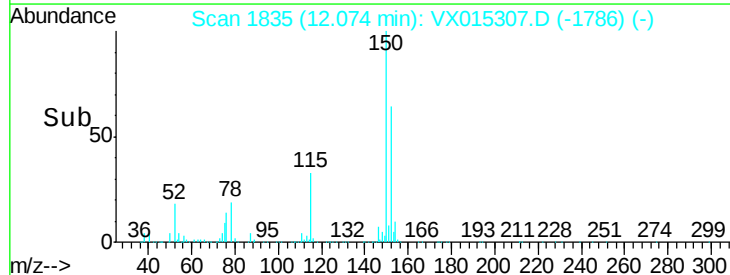
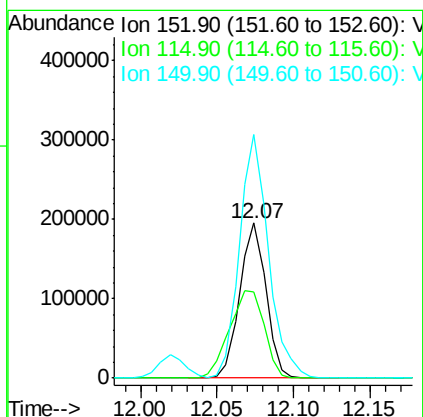
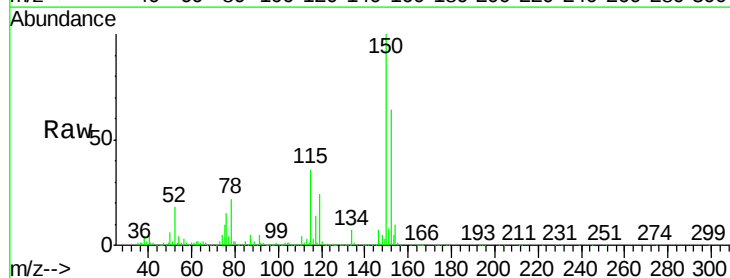
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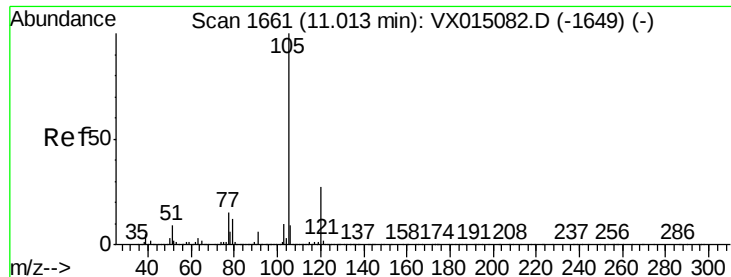
MMDadoda
3/17/2020 12:11:25 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.0	38.2	114.6
150	172.9	0.0	343.8





#73

Isopropylbenzene

Concen: 48.105 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 714003

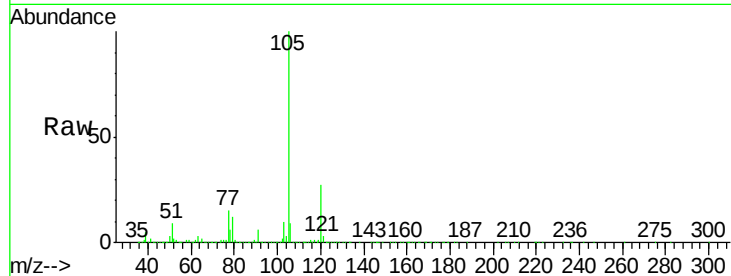
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

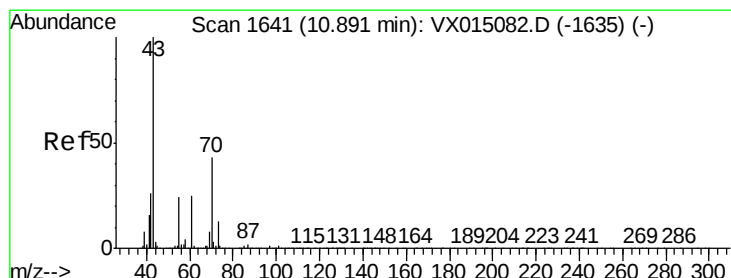
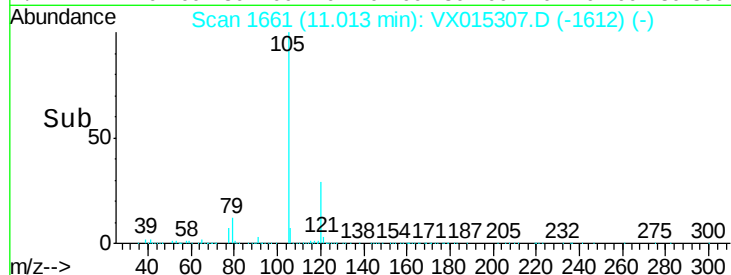
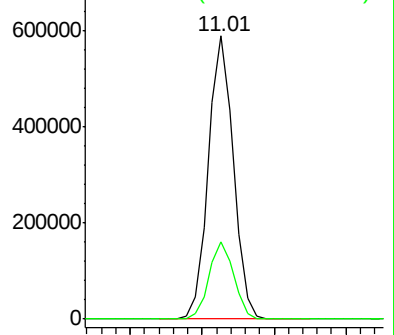
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.878 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion: 43 Resp: 311999

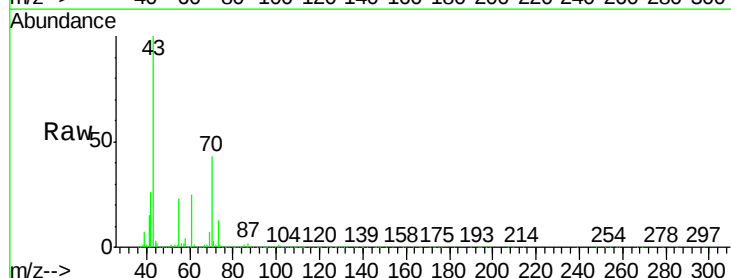
Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 24.5 19.4 29.0

61 24.8 19.0 28.6

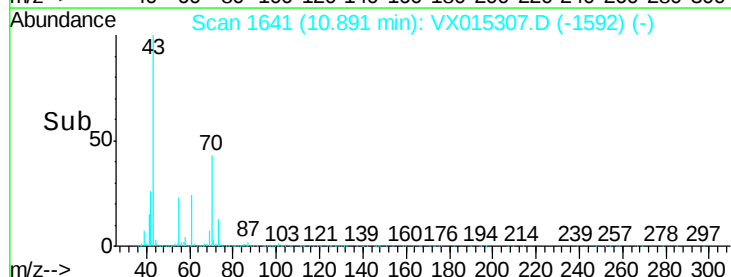
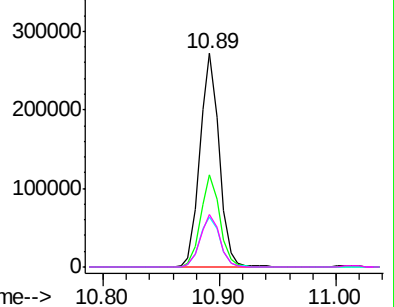


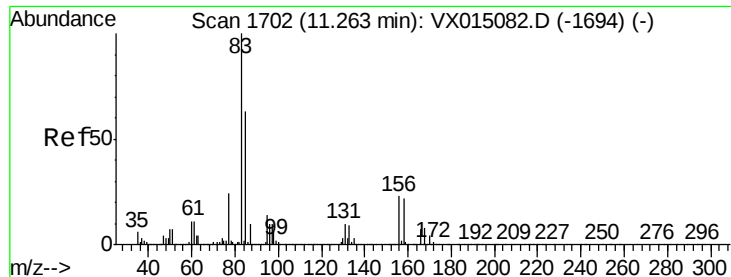
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.940 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

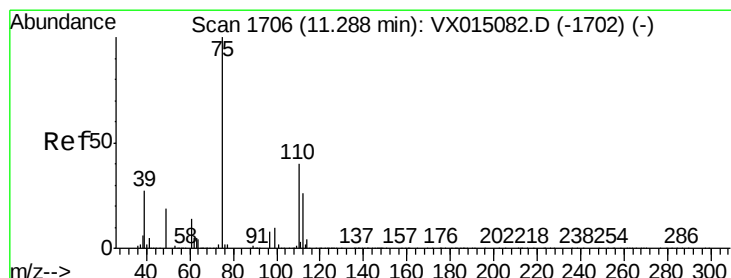
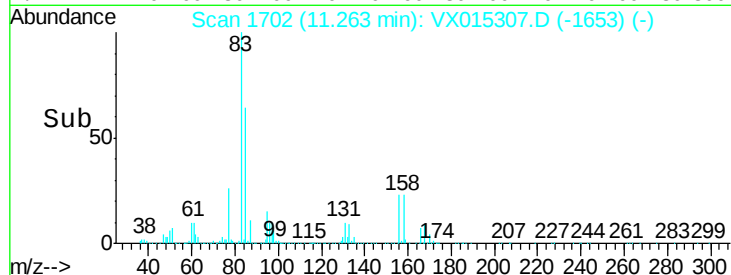
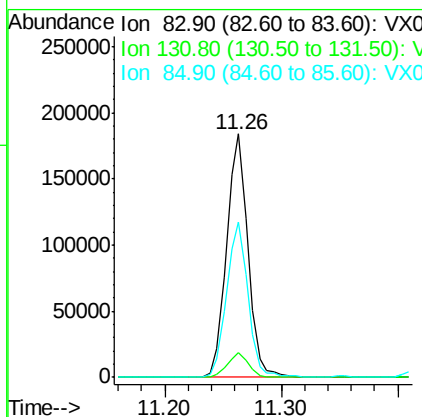
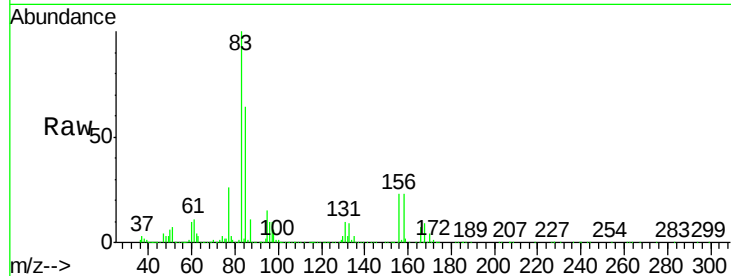
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	232189
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.863 ug/l m

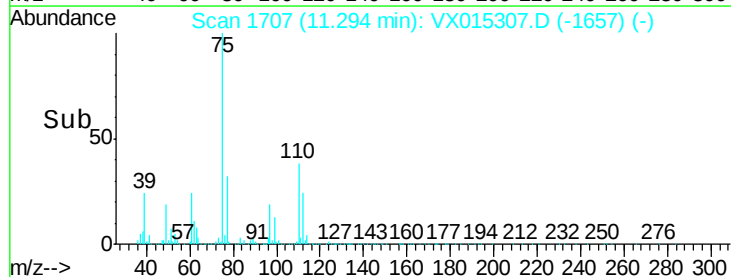
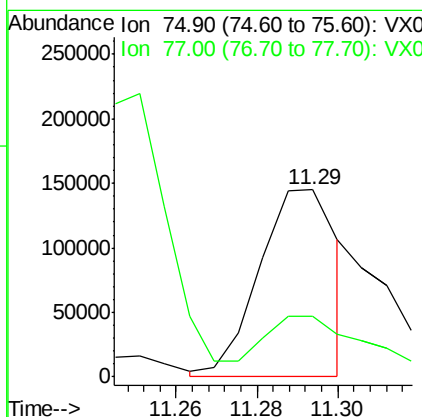
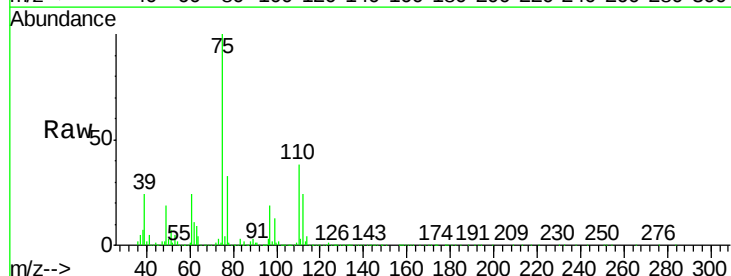
RT: 11.29 min Scan# 1707

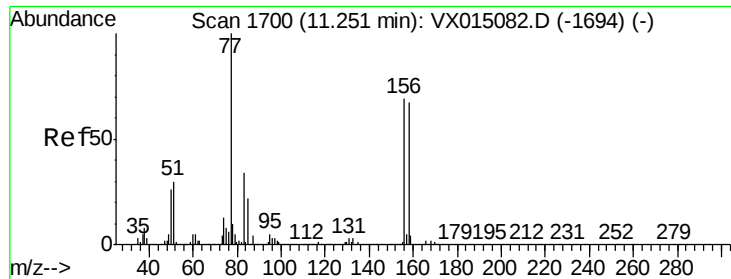
Delta R.T. 0.01 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion:	75	Resp:	194022
Ion Ratio	Lower	Upper	
75	100		
77	42.1	22.6	67.8





#77

Bromobenzene

Concen: 45.734 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

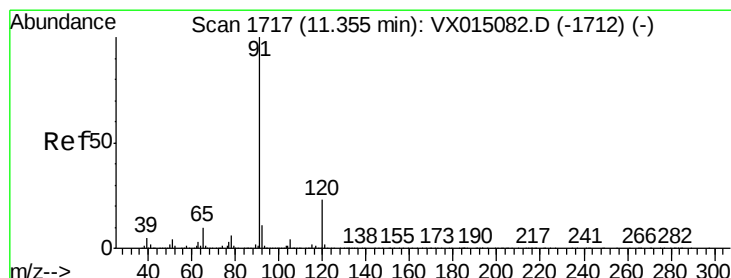
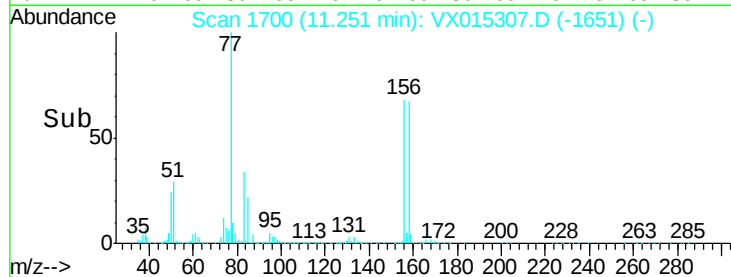
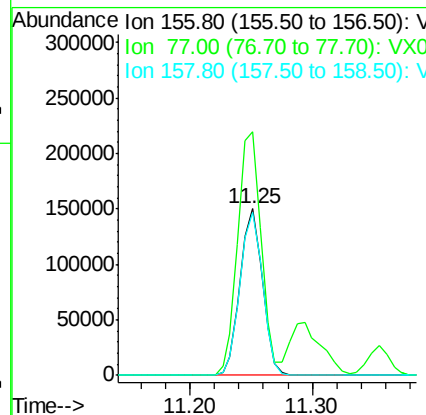
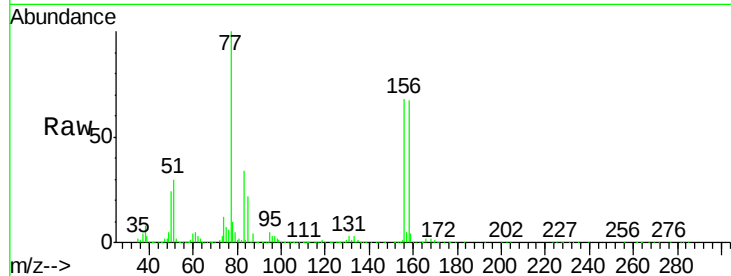
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	189177
Ion Ratio	Lower	Upper	
156	100		
77	154.6	75.3	225.9
158	99.2	48.5	145.6

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#78

n-propylbenzene

Concen: 49.458 ug/l

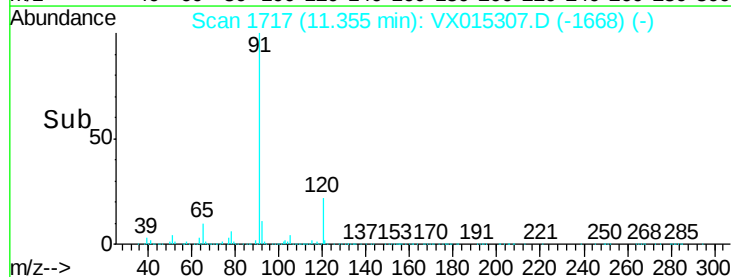
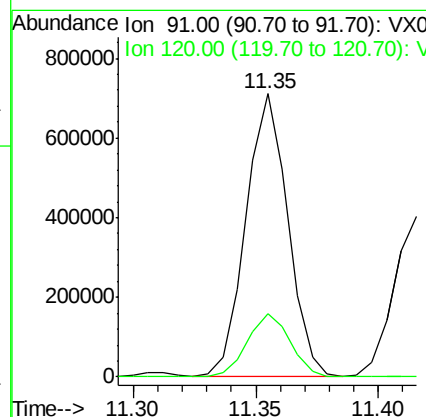
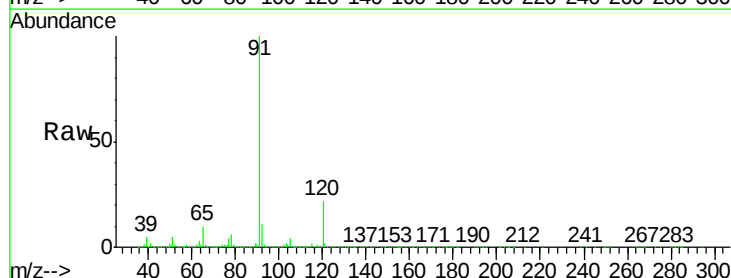
RT: 11.35 min Scan# 1717

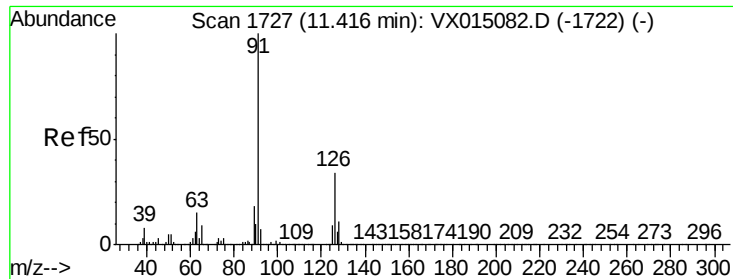
Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion:	91	Resp:	838679
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.7	35.1





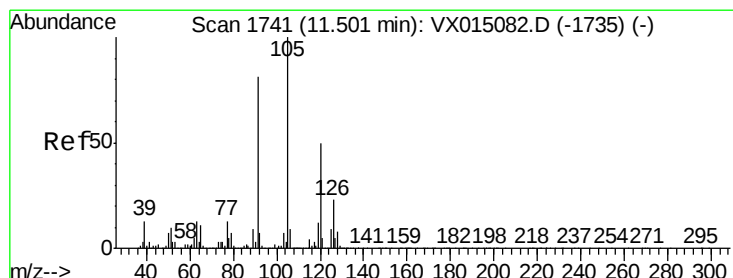
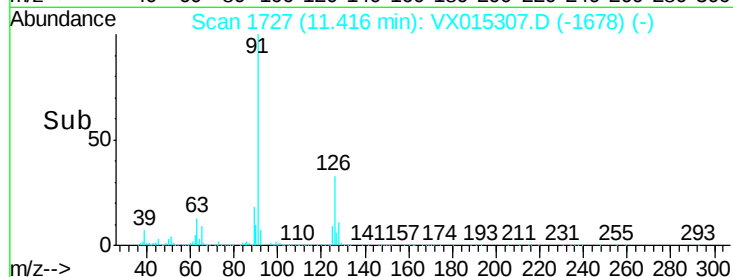
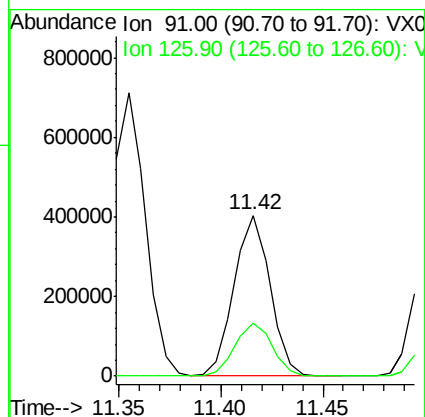
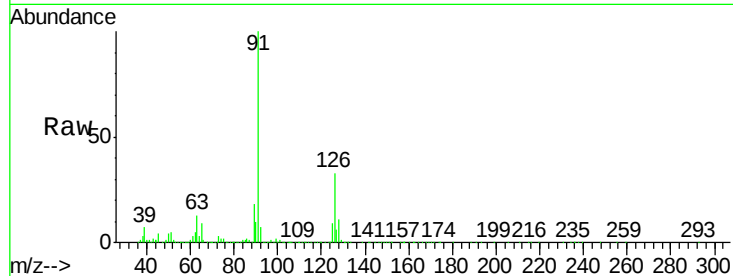
#79
 2-Chlorotoluene
 Concen: 48.678 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 492951
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.3 52.0

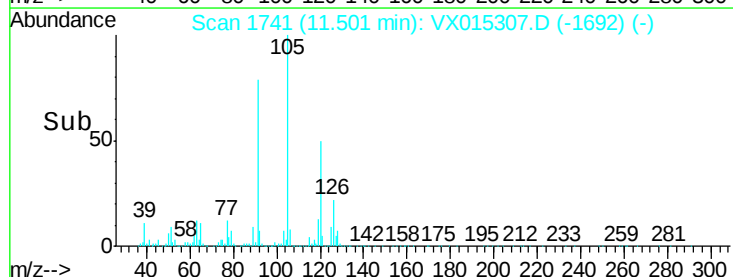
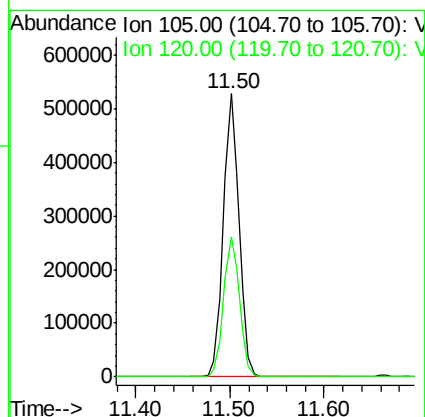
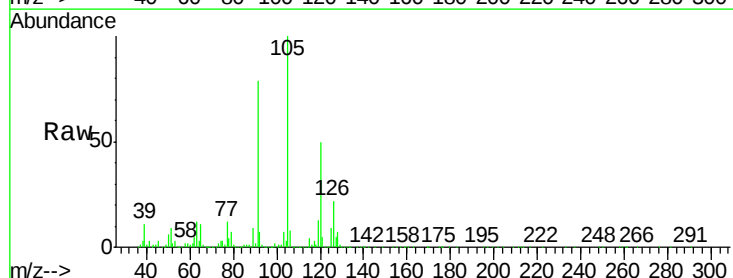
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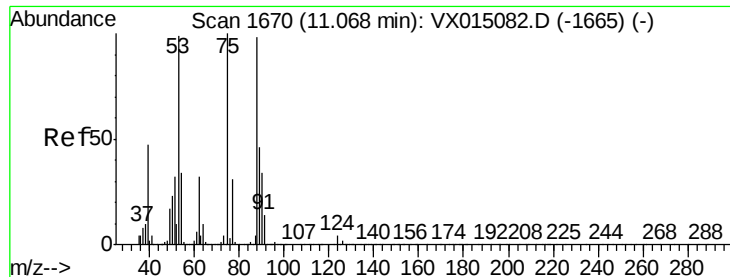
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.291 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion: 105 Resp: 609031
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.1 75.4





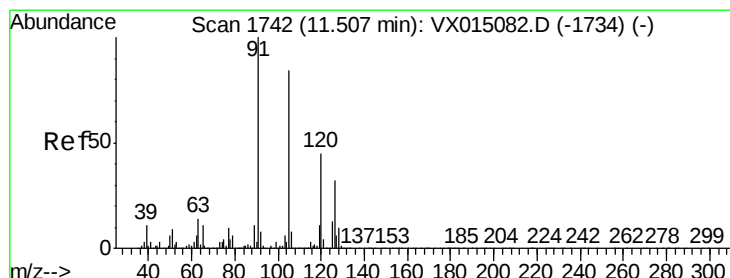
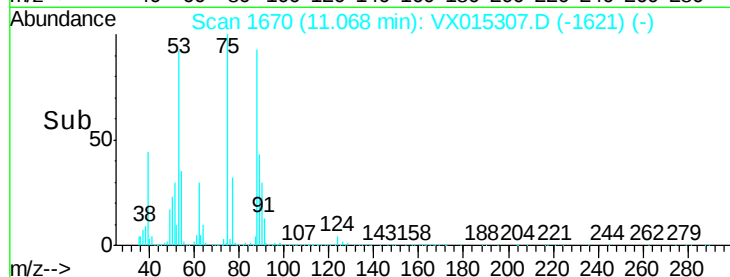
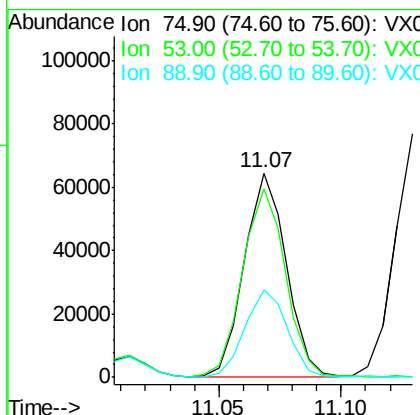
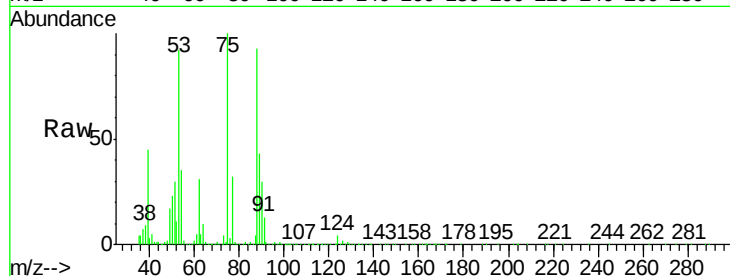
#81
trans-1,4-Dichloro-2-butene
Concen: 47.005 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.9	77.9	116.9
89	44.0	36.2	54.2

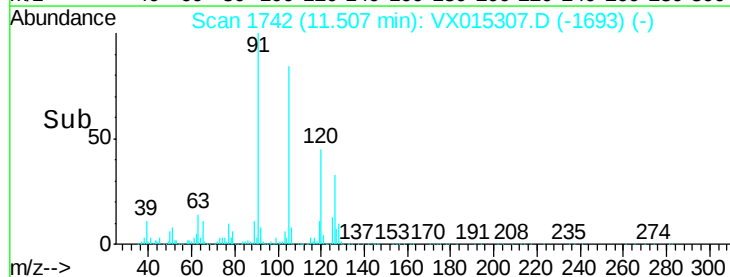
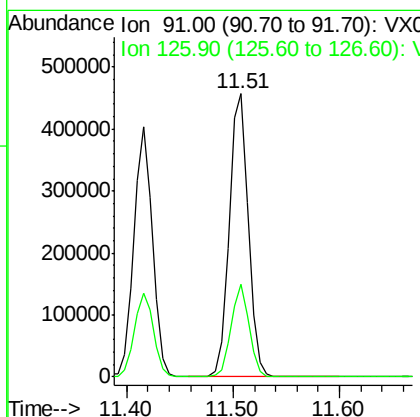
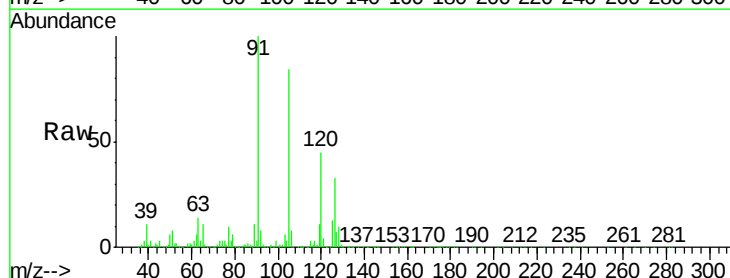
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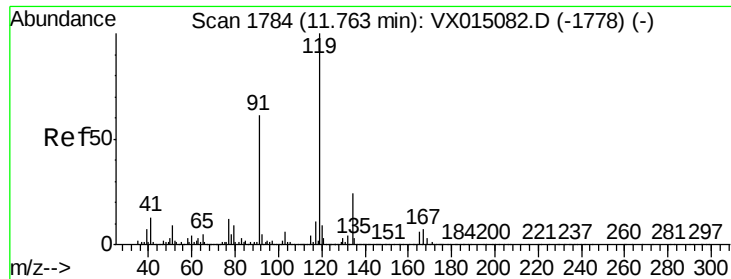
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#82
4-Chlorotoluene
Concen: 47.813 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.2





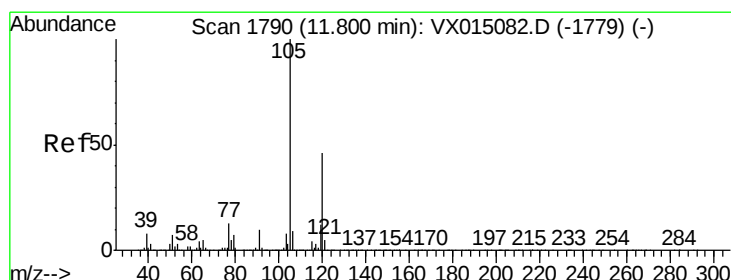
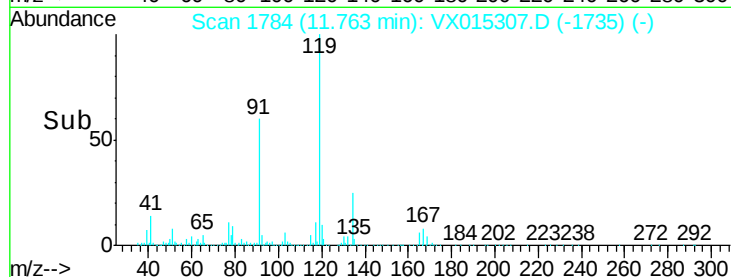
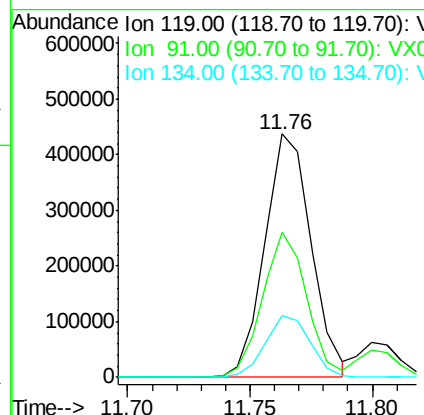
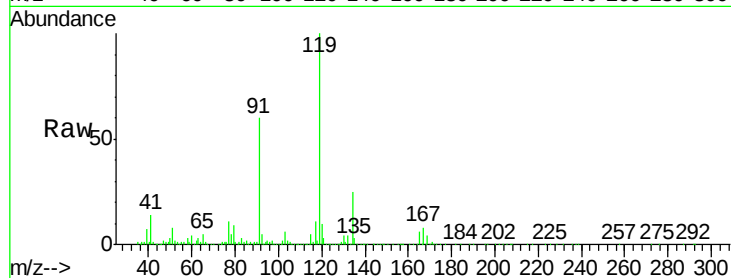
#83
tert-Butylbenzene
Concen: 48.219 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	576086		
91	56.5	28.5	85.6	
134	24.6	11.9	35.7	

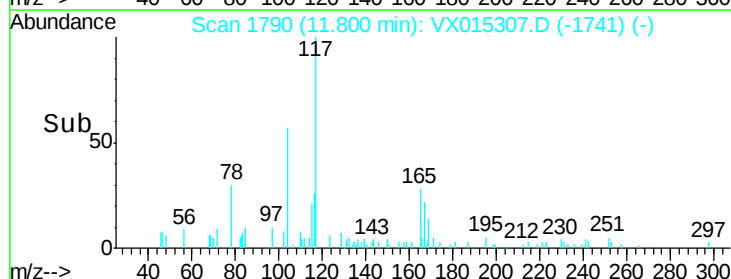
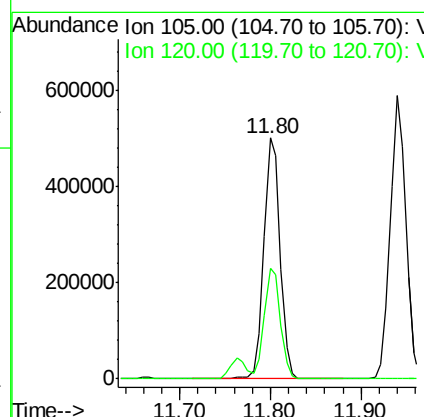
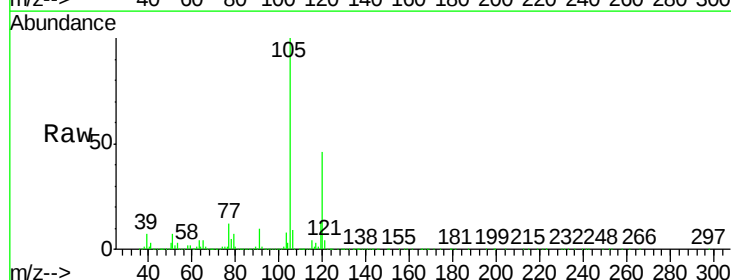
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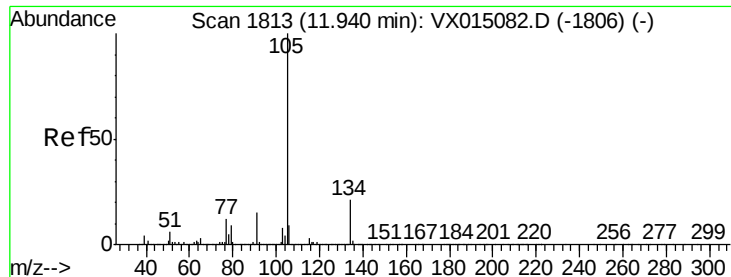
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#84
1,2,4-Trimethylbenzene
Concen: 50.015 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	620823		
120	45.4	22.9	68.5	





#85

sec-Butylbenzene

Concen: 48.997 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 706659

Ion Ratio Lower Upper

105 100

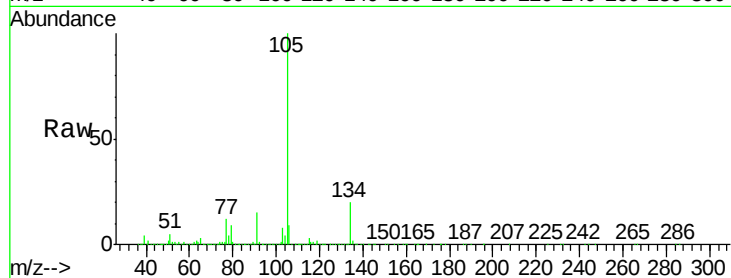
134 20.5 10.4 31.2

Manual Integrations

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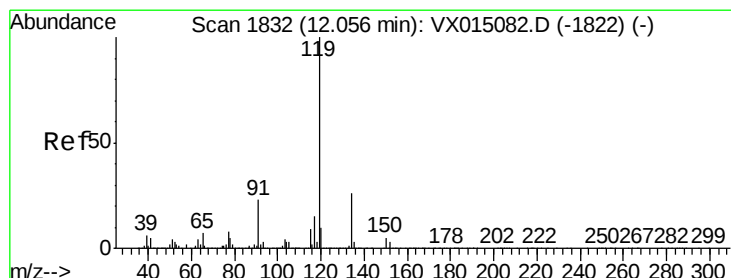
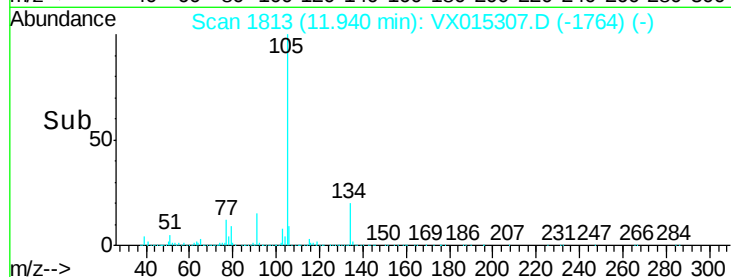
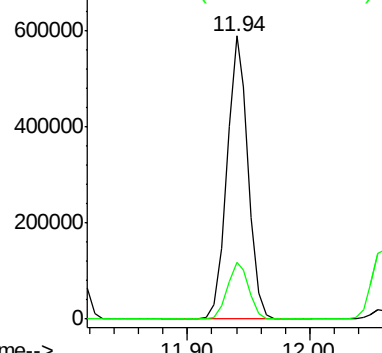
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.492 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

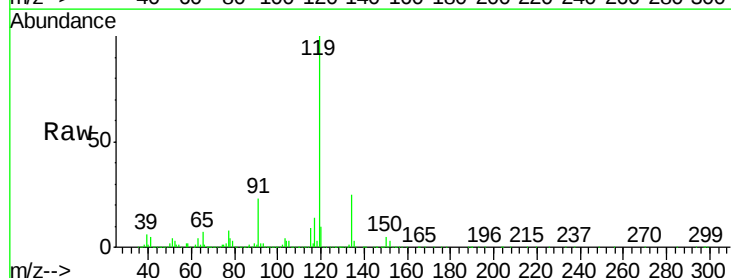
Tgt Ion:119 Resp: 657637

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

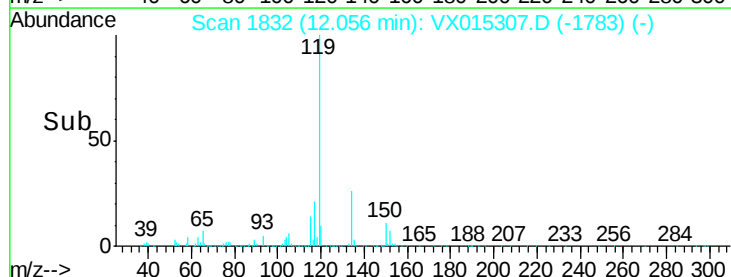
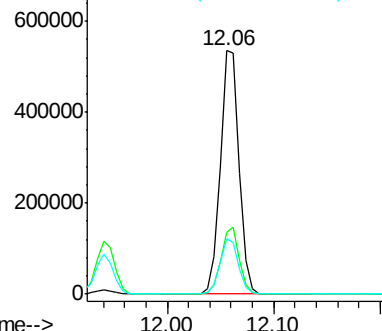
91 22.4 11.3 33.8

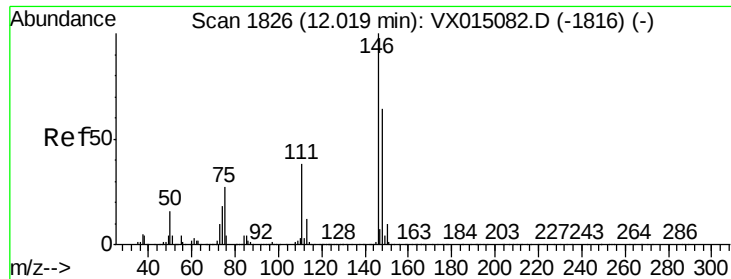


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





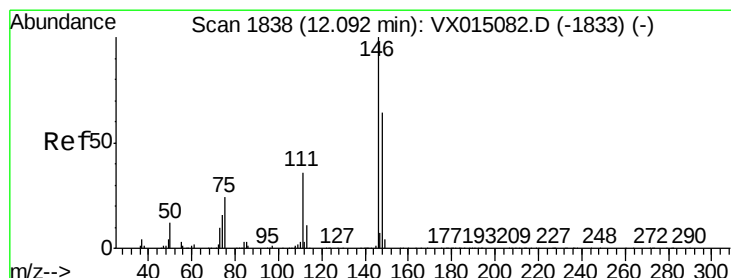
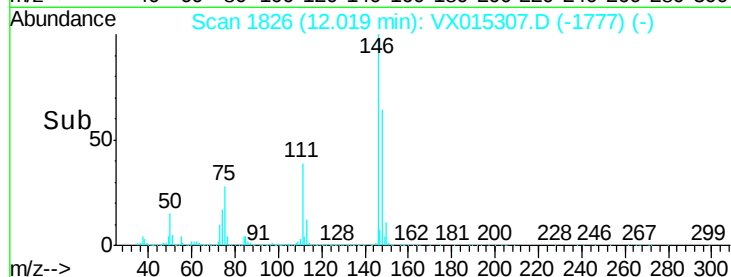
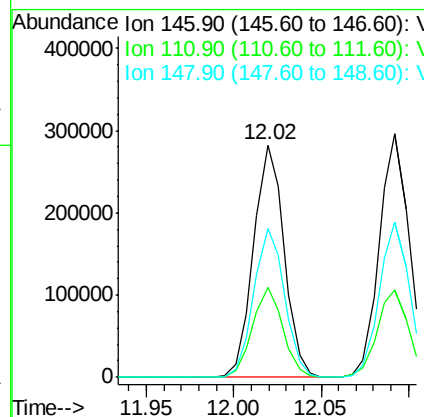
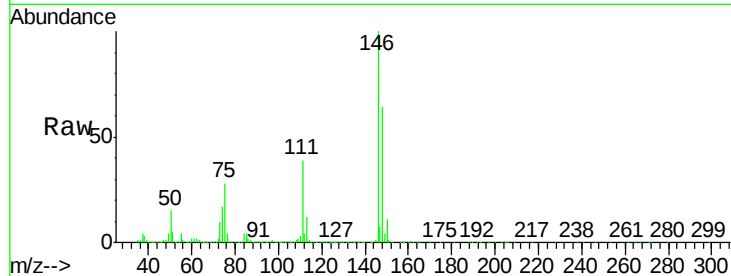
#87
 1,3-Dichlorobenzene
 Concen: 47.302 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.7	31.9	95.5

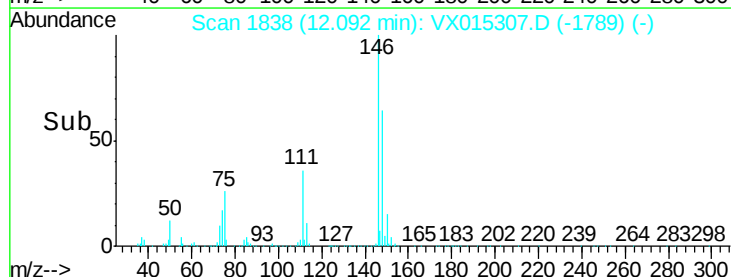
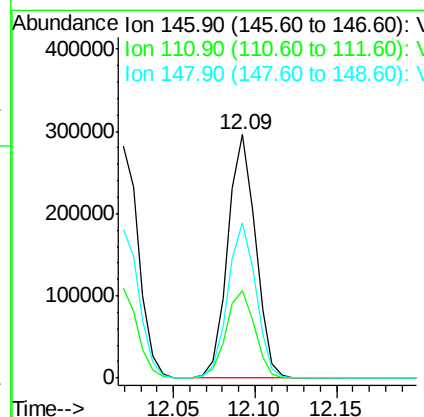
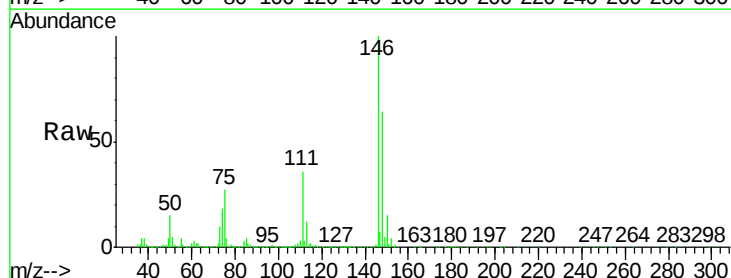
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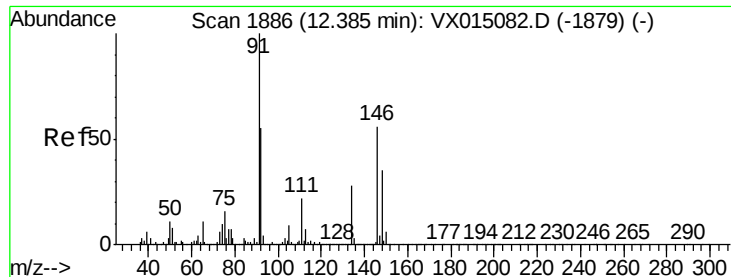
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#88
 1,4-Dichlorobenzene
 Concen: 46.548 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015307.D
 Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.5	32.5	97.4





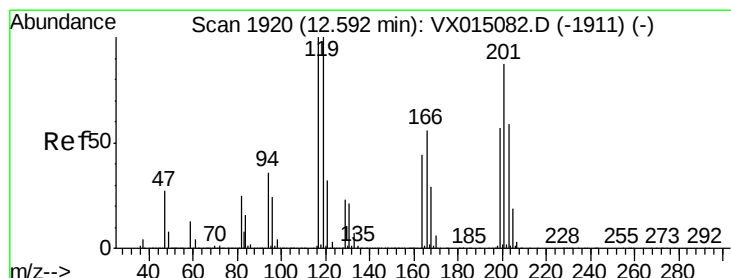
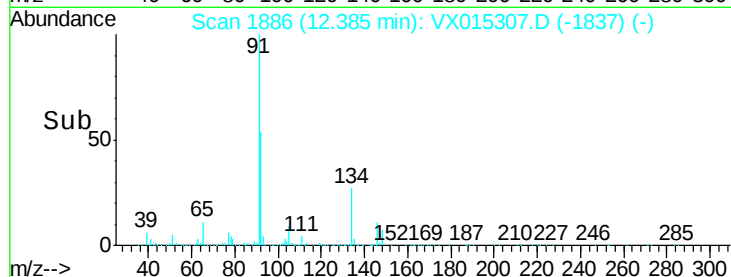
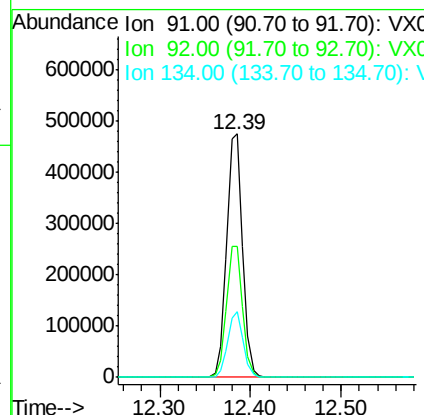
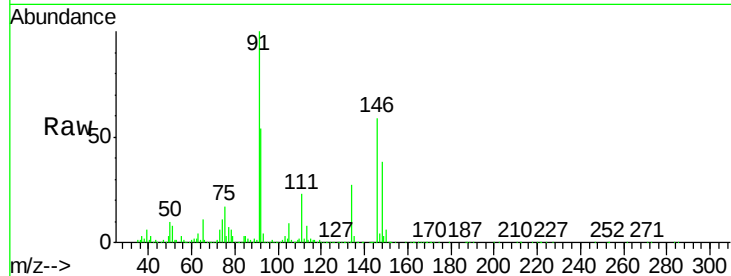
#89
n-Butylbenzene
Concen: 49.391 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	26.5	13.5	40.5

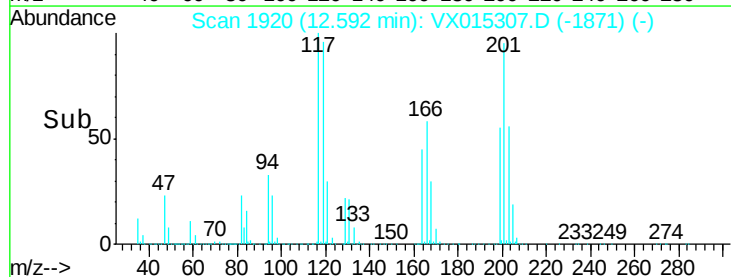
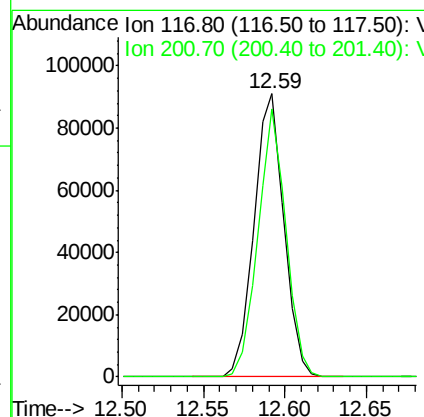
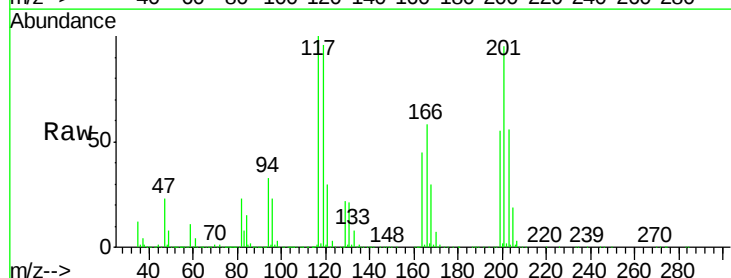
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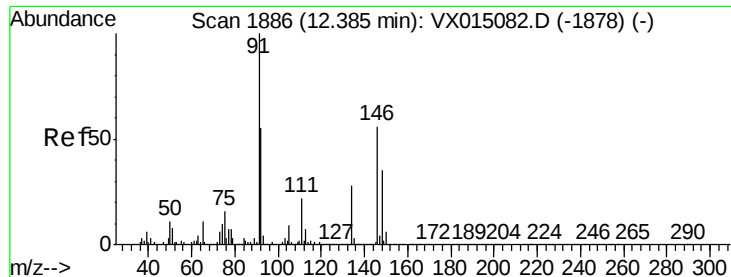
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#90
Hexachloroethane
Concen: 46.354 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 47.972 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Instrument :

MSVOA_X

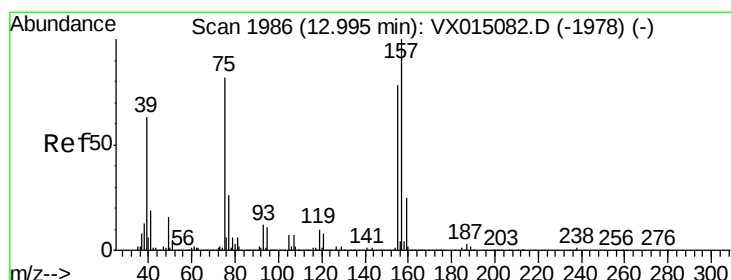
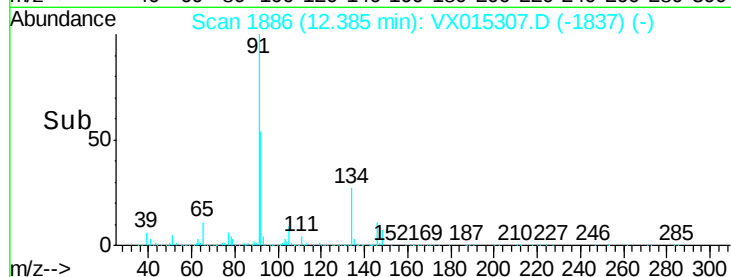
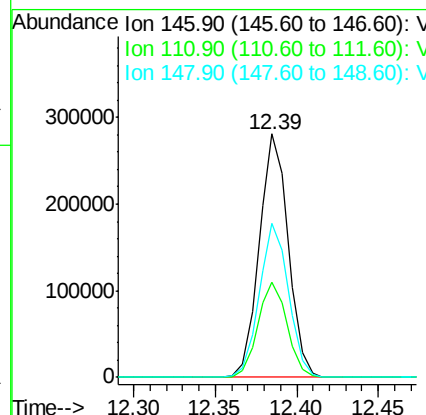
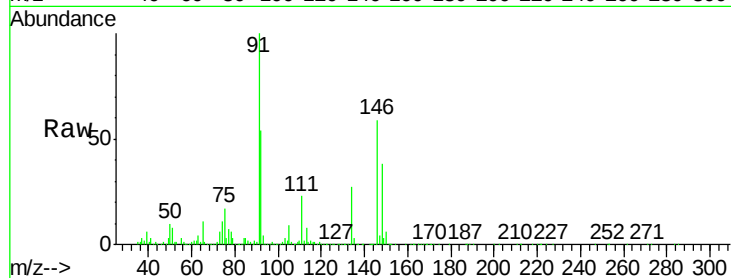
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	346815
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.9	59.7
148	63.8	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.995 ug/l

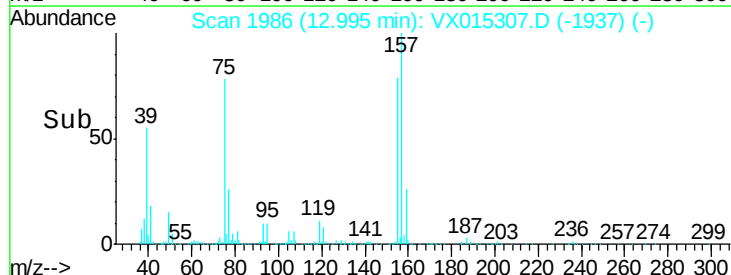
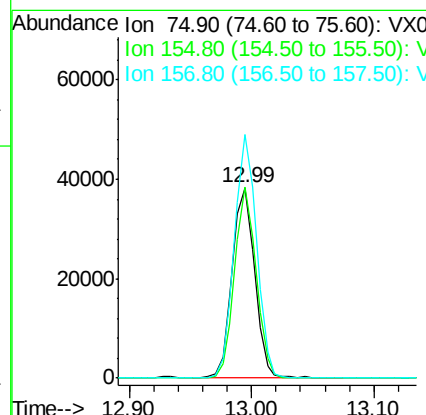
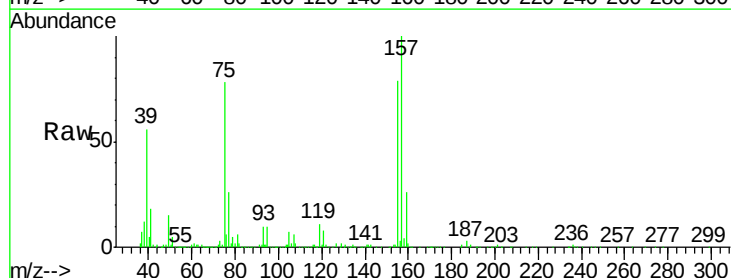
RT: 12.99 min Scan# 1986

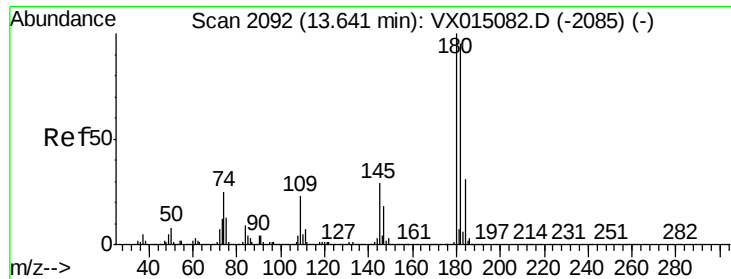
Delta R.T. -0.00 min

Lab File: VX015307.D

Acq: 16 Mar 2020 20:28

Tgt Ion:	75	Resp:	48530
Ion Ratio	Lower	Upper	
75	100		
155	96.2	46.6	139.7
157	126.3	59.2	177.5





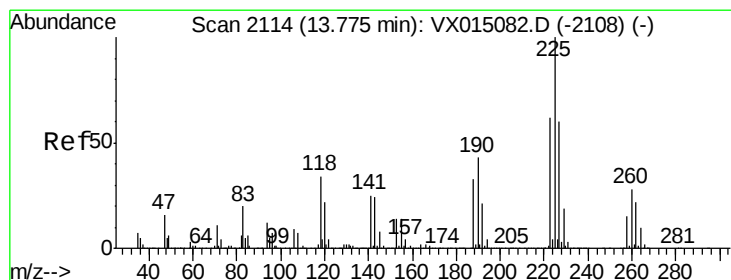
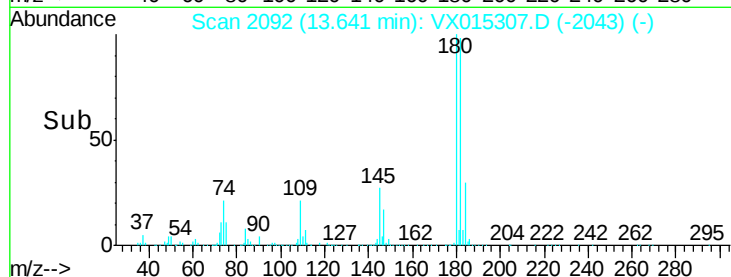
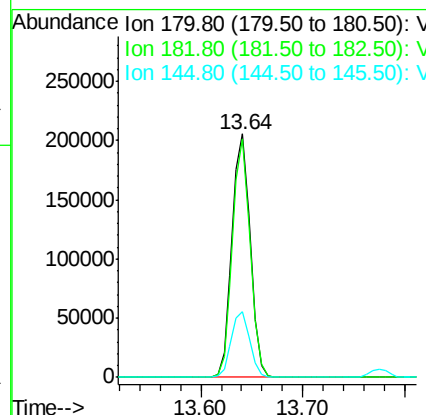
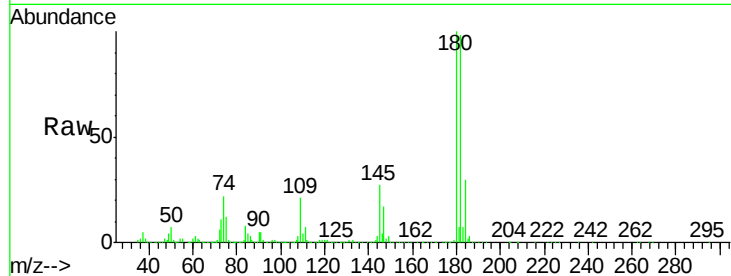
#93
1,2,4-Trichlorobenzene
Concen: 50.387 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	252859		
182	95.3	47.6	142.8	
145	27.5	14.1	42.2	

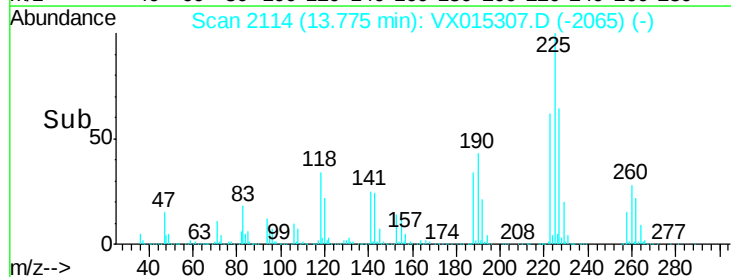
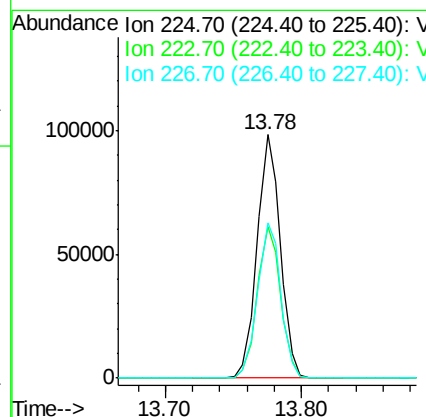
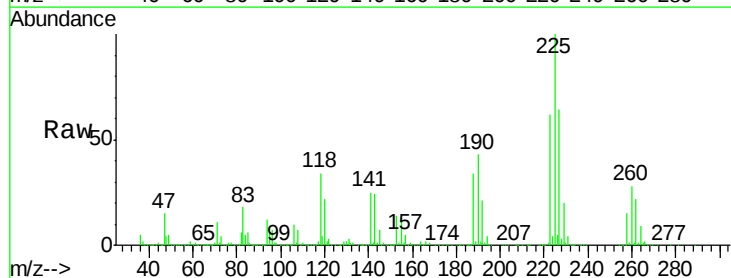
Manual Integrations
APPROVED

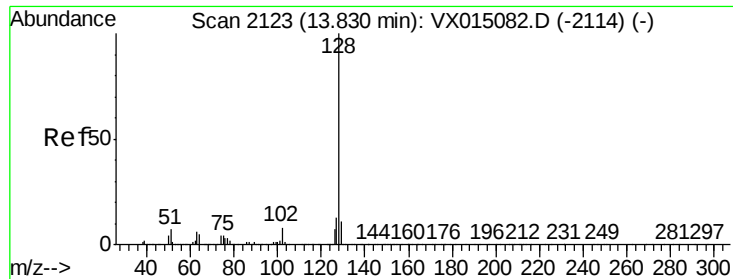
MMDadoda
3/17/2020 12:11:25 PM



#94
Hexachlorobutadiene
Concen: 45.963 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118361		
223	62.6	31.3	93.9	
227	64.2	31.1	93.2	





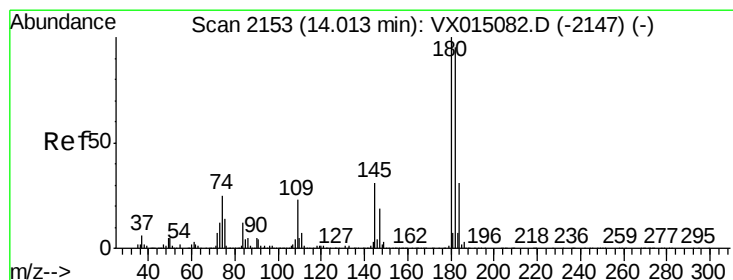
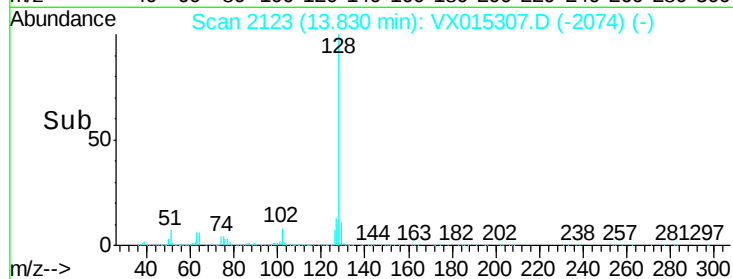
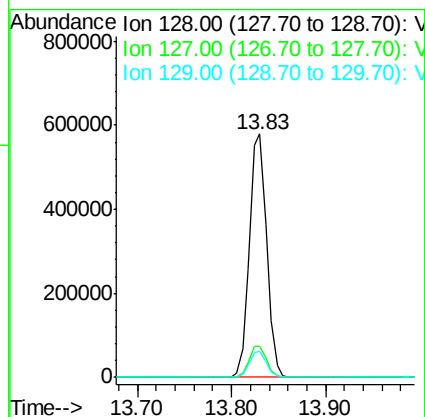
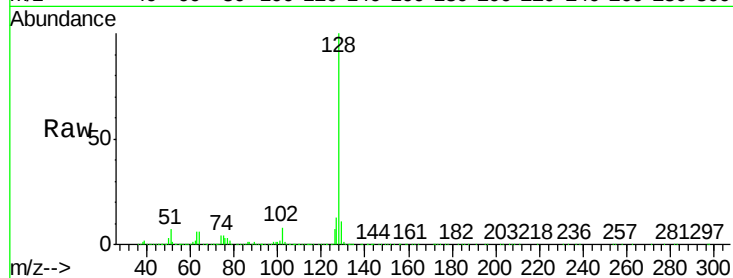
#95
Naphthalene
Concen: 47.828 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		734610		
127	13.1		10.3	15.5	
129	10.7		8.6	13.0	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 51.360 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015307.D
Acq: 16 Mar 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		257157		
182	95.9		47.8	143.4	
145	29.2		15.1	45.3	

