

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015327.D
 Acq On : 18 Mar 2020 15:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031820

Manual Integrations
 APPROVED

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

Quant Time: Mar 19 03:29:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	619140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1105933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1020711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	482667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	348336	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
35) Dibromofluoromethane	5.48	113	325066	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
50) Toluene-d8	8.71	98	1279855	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.13	95	462820	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	316217	46.438	ug/l	99
3) Chloromethane	1.31	50	370432	49.716	ug/l	98
4) Vinyl Chloride	1.40	62	357386	47.317	ug/l	99
5) Bromomethane	1.63	94	128502	55.881	ug/l	99
6) Chloroethane	1.72	64	216465	46.378	ug/l	98
7) Trichlorofluoromethane	1.92	101	473843	46.829	ug/l	99
8) Diethyl Ether	2.18	74	196511	46.871	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	330421	47.353	ug/l	98
10) Methyl Iodide	2.50	142	351865	42.436	ug/l	97
11) Tert butyl alcohol	3.03	59	351280	236.550	ug/l	100
12) 1,1-Dichloroethene	2.36	96	333583	42.653	ug/l	99
13) Acrolein	2.28	56	322608	229.996	ug/l	100
14) Allyl chloride	2.72	41	555615	47.779	ug/l	96
15) Acrylonitrile	3.12	53	912162	233.377	ug/l	100
16) Acetone	2.43	43	699632	243.504	ug/l	97
17) Carbon Disulfide	2.56	76	988003	47.115	ug/l	100
18) Methyl Acetate	2.76	43	373760	46.260	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	1076184	47.455	ug/l	98
20) Methylene Chloride	2.84	84	395614	46.953	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	388553	45.136	ug/l	95
22) Diisopropyl ether	3.84	45	1127216	48.016	ug/l	99
23) Vinyl Acetate	3.80	43	4638815	247.753	ug/l	100
24) 1,1-Dichloroethane	3.69	63	633170	44.182	ug/l	99
25) 2-Butanone	4.65	43	1160563	237.732	ug/l	100
26) 2,2-Dichloropropane	4.57	77	509867	45.782	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	436800	46.787	ug/l	100
28) Bromochloromethane	5.00	49	268671	45.917	ug/l	96
29) Tetrahydrofuran	5.11	42	766520	240.800	ug/l	99
30) Chloroform	5.19	83	646974	44.751	ug/l	97
31) Cyclohexane	5.56	56	578250	49.421	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	555449	46.565	ug/l	99
36) 1,1-Dichloropropene	5.78	75	485796	46.305	ug/l	99
37) Ethyl Acetate	4.81	43	454758	47.755	ug/l	99
38) Carbon Tetrachloride	5.77	117	473820	47.537	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	634501	50.084	ug/l	97
40) Benzene	6.13	78	1507772	47.305	ug/l	97
41) Methacrylonitrile	5.03	41	256039	50.230	ug/l	95
42) 1,2-Dichloroethane	6.18	62	455347	47.384	ug/l	98
43) Isopropyl Acetate	6.43	43	740312	51.237	ug/l	99
44) Trichloroethene	7.20	130	423839	48.450	ug/l	95
45) 1,2-Dichloropropane	7.50	63	374389	49.754	ug/l	98
46) Dibromomethane	7.65	93	252006	47.866	ug/l	95
47) Bromodichloromethane	7.89	83	500719	50.642	ug/l	99
48) Methyl methacrylate	7.76	41	363266	52.534	ug/l	99
49) 1,4-Dioxane	7.73	88	192197	1011.616	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	2257524	253.123	ug/l	100
52) Toluene	8.78	92	955763	48.825	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	556210	52.577	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	597676	49.750	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	392146	47.247	ug/l	97
56) Ethyl methacrylate	9.17	69	572771	52.982	ug/l	98
57) 1,3-Dichloropropane	9.36	76	631613	46.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1418915	276.312	ug/l	100
59) 2-Hexanone	9.48	43	1700677	256.554	ug/l	99
60) Dibromochloromethane	9.57	129	413711	51.195	ug/l	98
61) 1,2-Dibromoethane	9.67	107	410692	48.580	ug/l	100
64) Tetrachloroethene	9.33	164	371350	50.018	ug/l	94
65) Chlorobenzene	10.13	112	1054979	49.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	375485	48.325	ug/l	98
67) Ethyl Benzene	10.25	91	1801393	49.170	ug/l	99
68) m/p-Xylenes	10.35	106	1405007	100.588	ug/l	99
69) o-Xylene	10.69	106	678030	50.477	ug/l	98
70) Styrene	10.71	104	1181149	52.750	ug/l	99
71) Bromoform	10.85	173	254727	50.155	ug/l	99
73) Isopropylbenzene	11.01	105	1814446	49.931	ug/l	99
74) N-amyl acetate	10.89	43	652554	52.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	543483	48.302	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	453733m	46.002	ug/l	
77) Bromobenzene	11.25	156	400695	47.465	ug/l	98
78) n-propylbenzene	11.35	91	2072129	51.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	1206939	49.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1513473	52.248	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	186896	50.799	ug/l	98
82) 4-Chlorotoluene	11.50	91	1410710	51.035	ug/l	100
83) tert-Butylbenzene	11.76	119	1456602	51.068	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1555560	51.867	ug/l	100
85) sec-Butylbenzene	11.94	105	1784737	51.618	ug/l	99
86) p-Isopropyltoluene	12.06	119	1659306	53.939	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	795573	49.573	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	801887	47.973	ug/l	99
89) n-Butylbenzene	12.38	91	1468790	50.564	ug/l	99
90) Hexachloroethane	12.59	117	292432	49.270	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	790564	49.112	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	114911	51.630	ug/l	93

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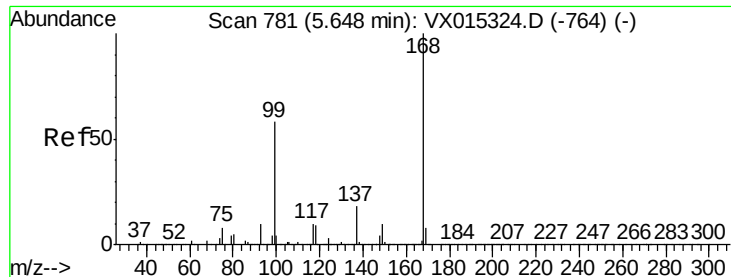
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	487800	50.583	ug/l	97
94) Hexachlorobutadiene	13.78	225	206464	50.920	ug/l	98
95) Naphthalene	13.83	128	1768681	55.405	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	513854	54.436	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion:168 Resp: 619140

Ion Ratio Lower Upper

168 100

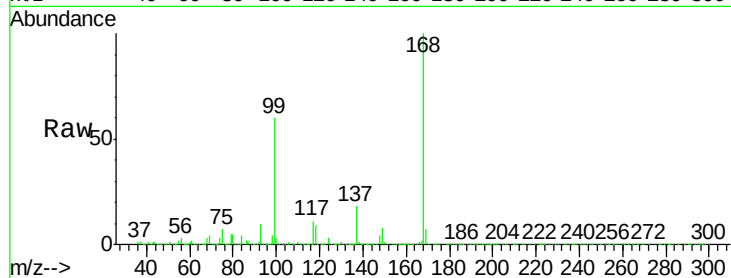
99 59.7 47.0 70.6

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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

250000

200000

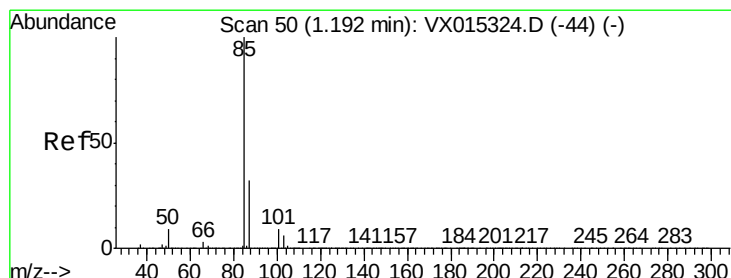
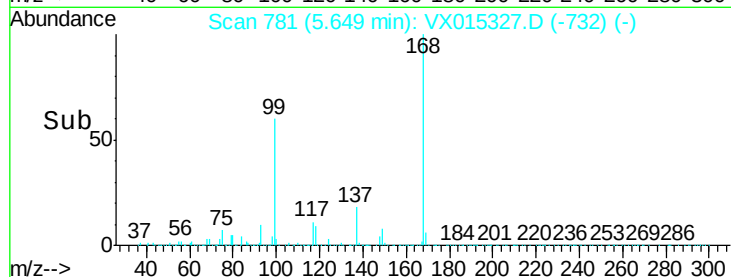
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.438 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015327.D

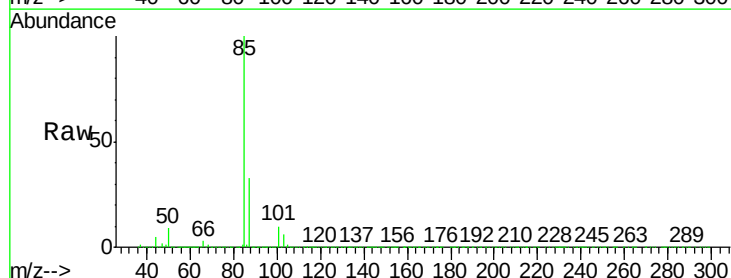
Acq: 18 Mar 2020 15:22

Tgt Ion: 85 Resp: 316217

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

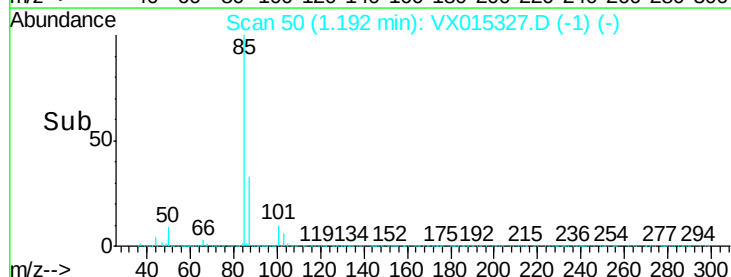
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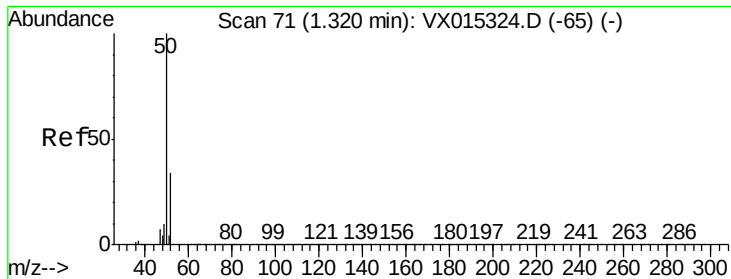
200000

100000

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Time-->





#3

Chloromethane

Concen: 49.716 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion: 50 Resp: 370432

Ion Ratio Lower Upper

50 100

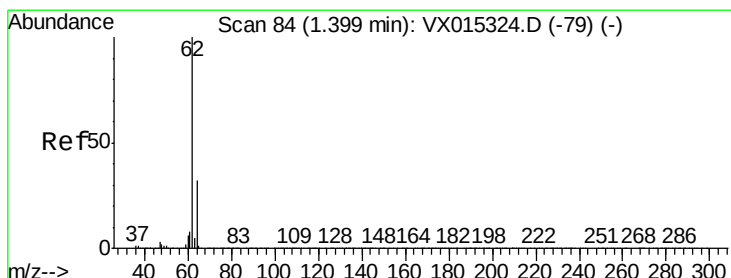
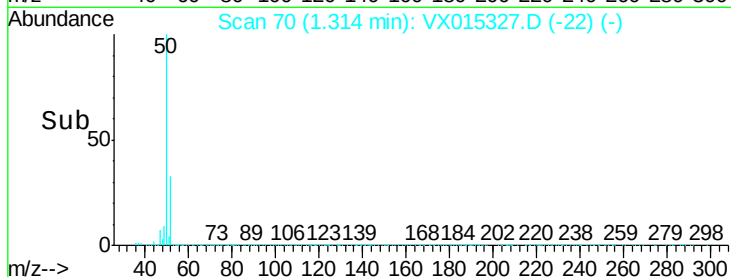
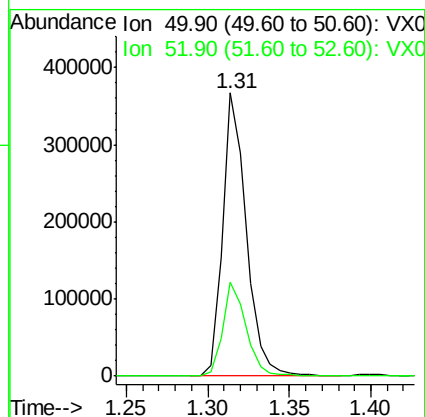
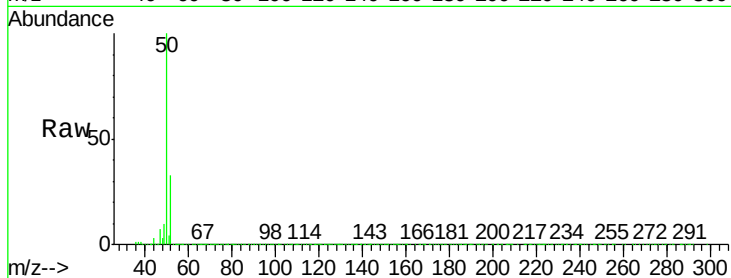
52 33.2 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.317 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015327.D

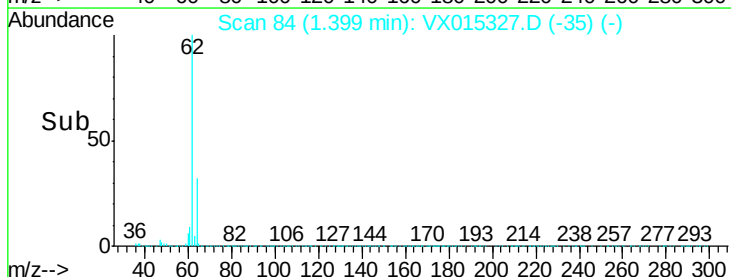
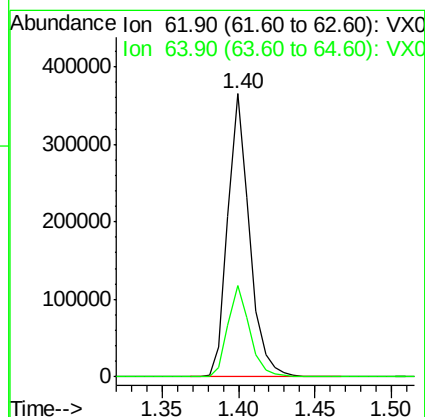
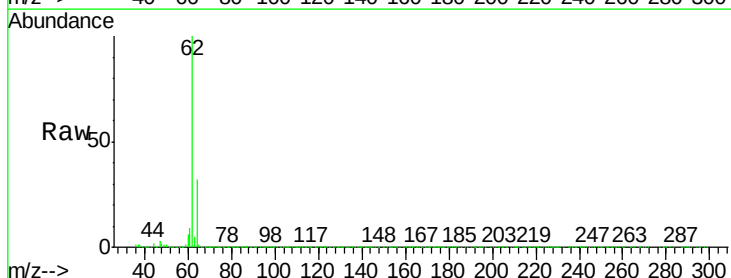
Acq: 18 Mar 2020 15:22

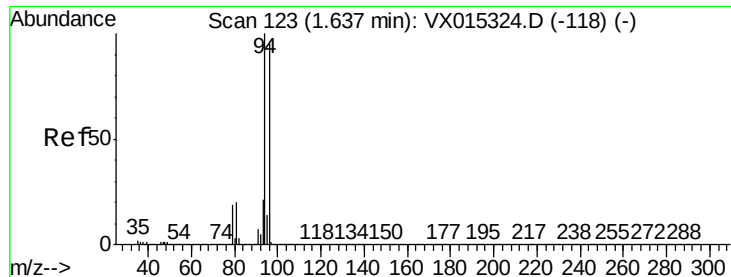
Tgt Ion: 62 Resp: 357386

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 55.881 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion: 94 Resp: 128502

Ion Ratio Lower Upper

94 100

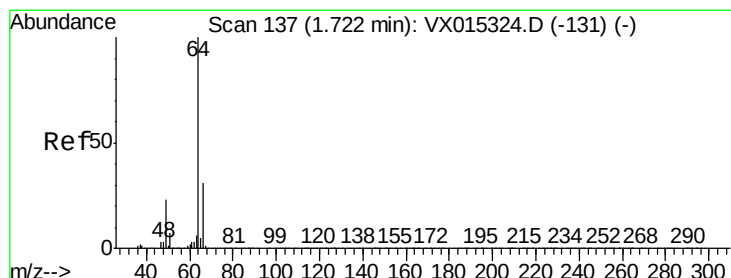
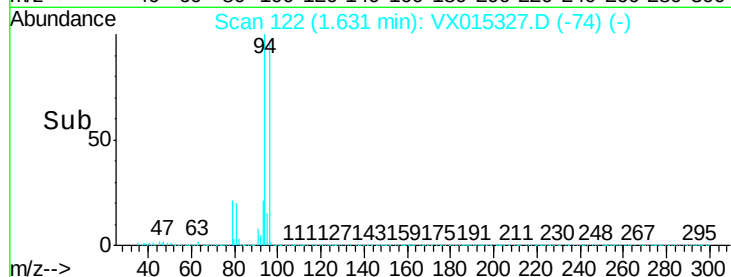
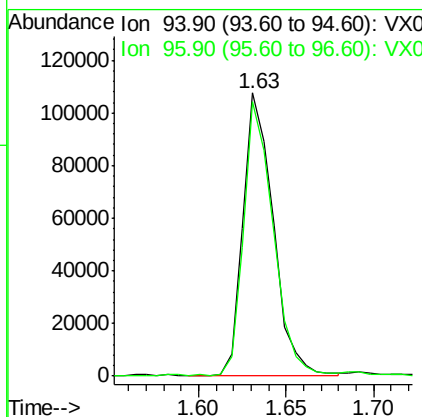
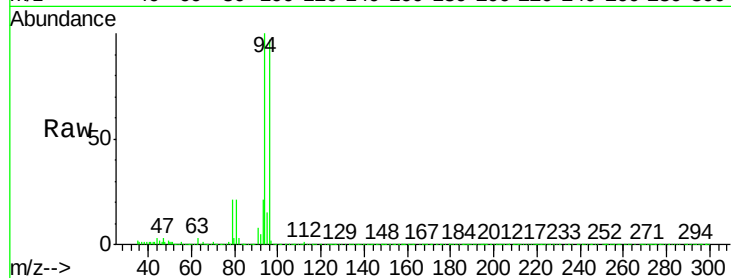
96 96.8 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 46.378 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015327.D

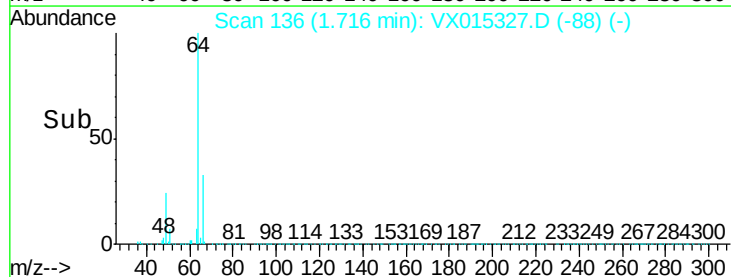
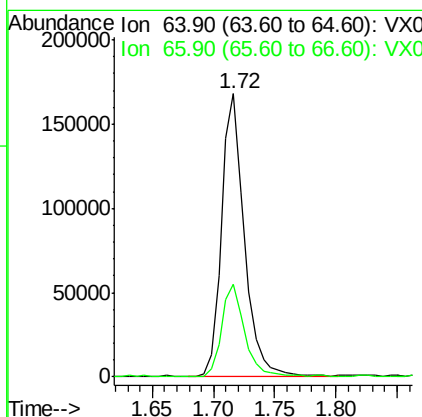
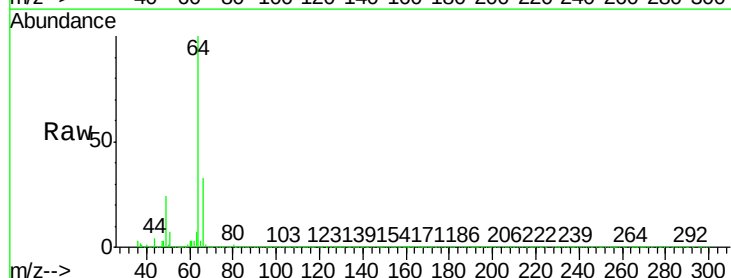
Acq: 18 Mar 2020 15:22

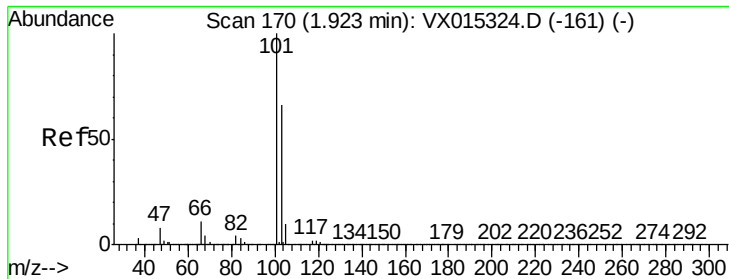
Tgt Ion: 64 Resp: 216465

Ion Ratio Lower Upper

64 100

66 32.4 24.8 37.2





#7

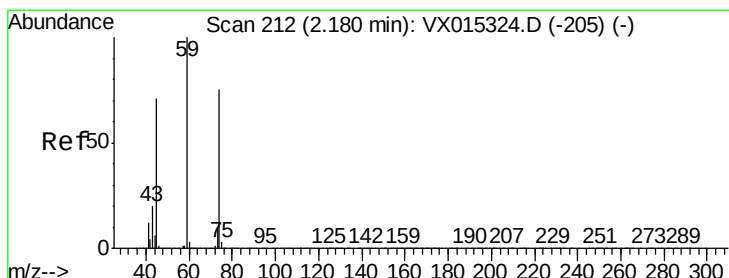
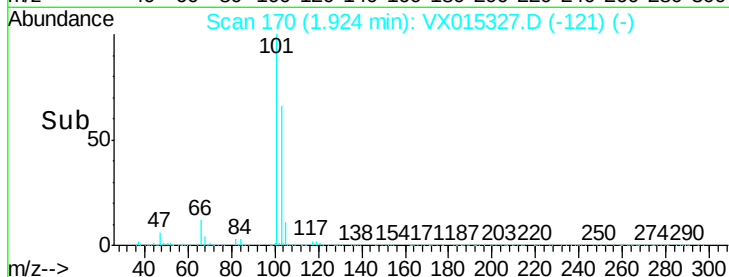
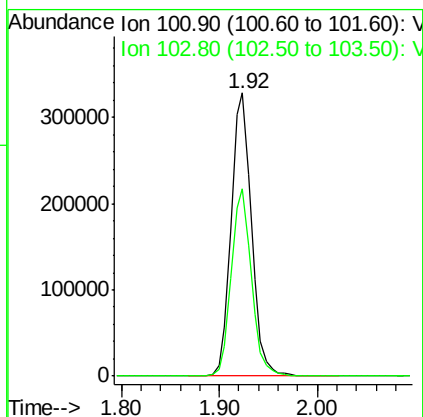
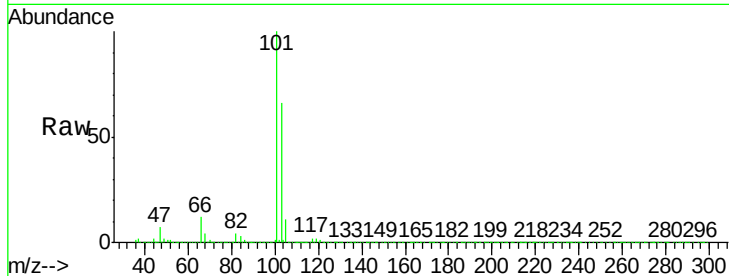
Trichlorofluoromethane
Concen: 46.829 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	52.6	79.0

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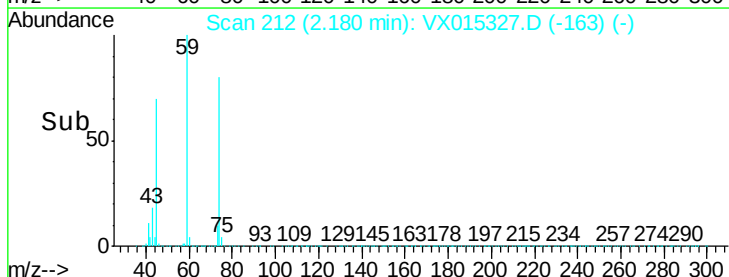
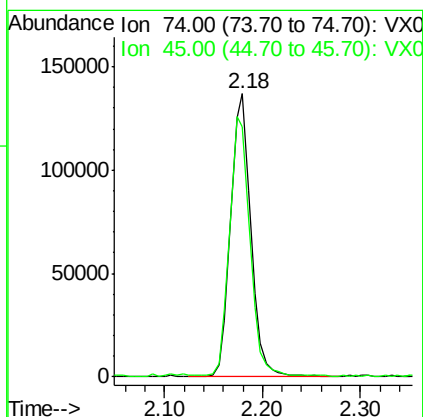
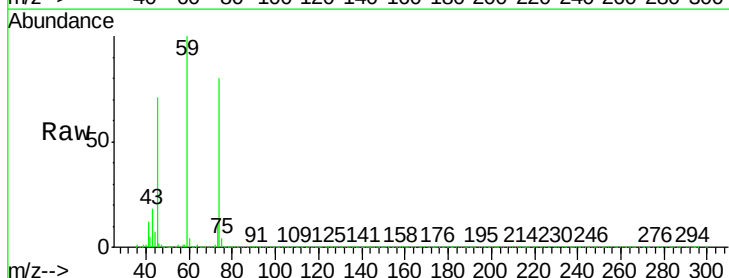
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3/19/2020 12:01:01 PM

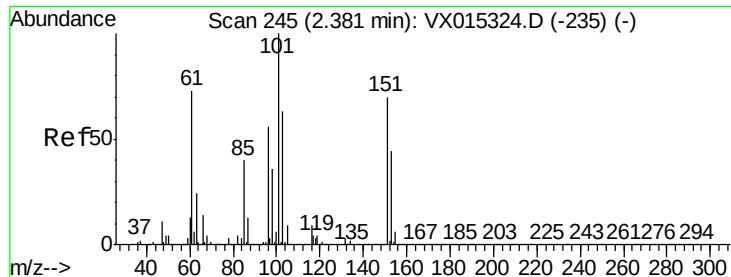


#8

Diethyl Ether
Concen: 46.871 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	46.5	139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.353 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

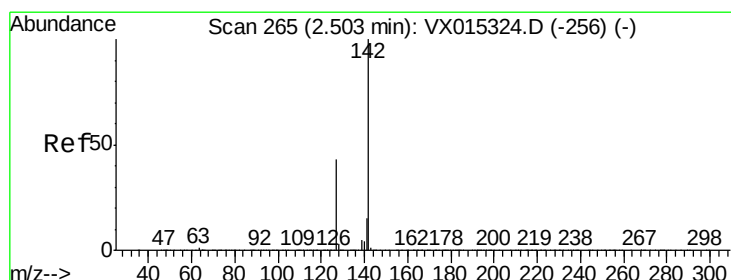
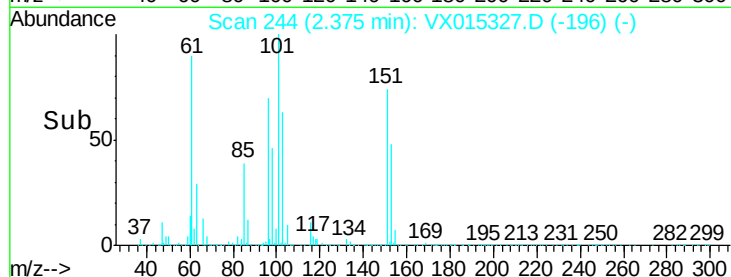
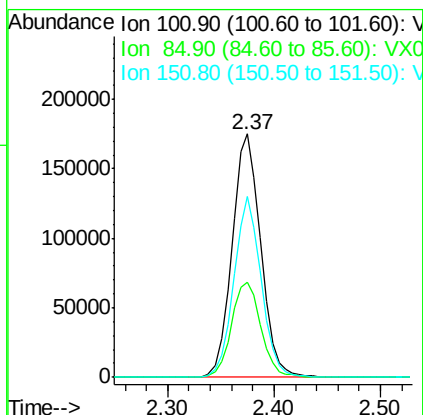
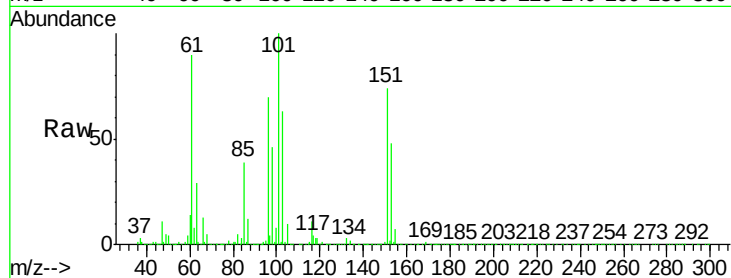
ClientSampleId :

ICVVX031820

Tot Ion:	101	Resp:	330421
Ion Ratio	Lower	Upper	
101	100		
85	40.3	32.2	48.4
151	71.0	55.0	82.6

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#10

Methyl Iodide

Concen: 42.436 ug/l

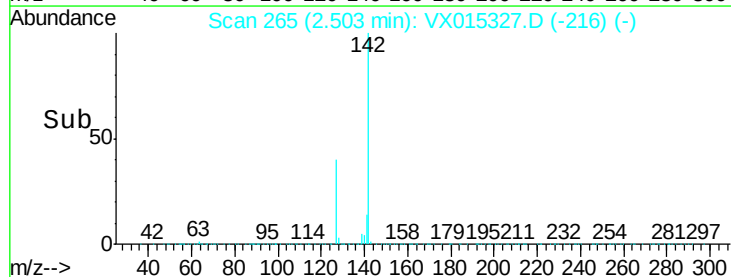
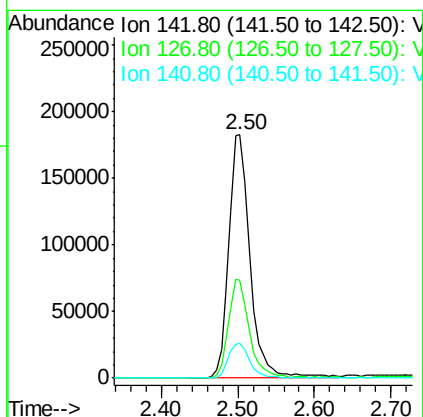
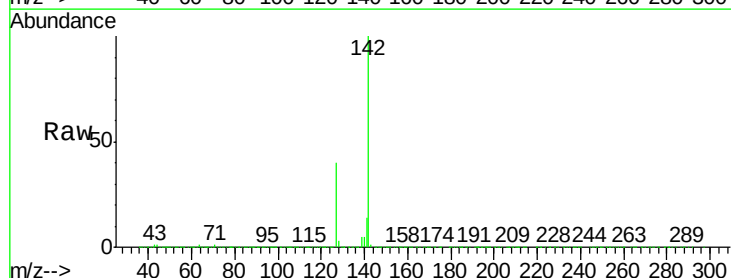
RT: 2.50 min Scan# 265

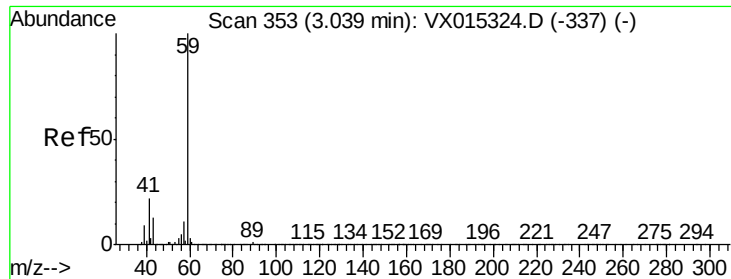
Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion:	142	Resp:	351865
Ion Ratio	Lower	Upper	
142	100		
127	39.3	33.6	50.4
141	14.6	11.9	17.9





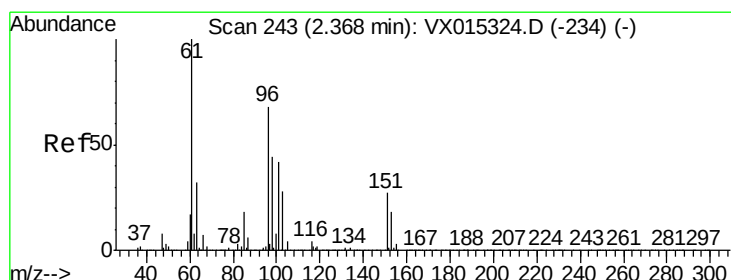
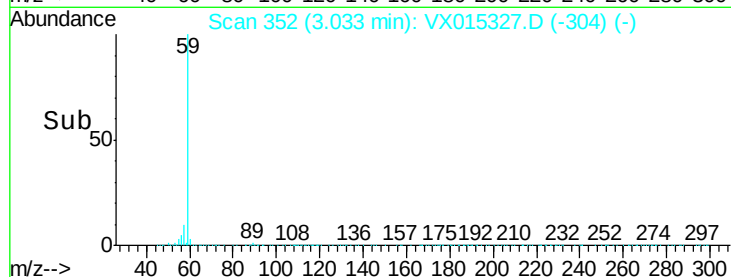
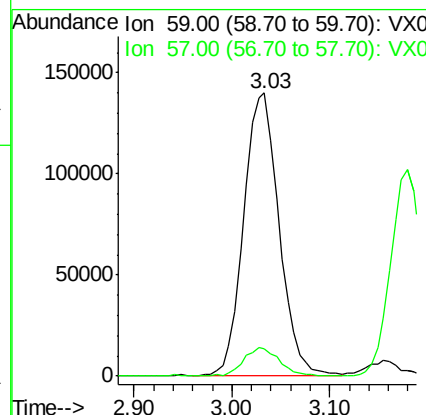
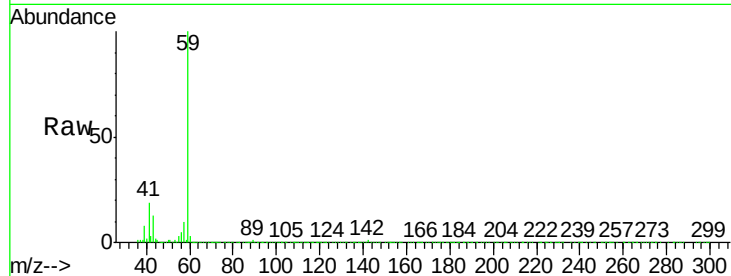
#11
Tert butyl alcohol
Concen: 236.550 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

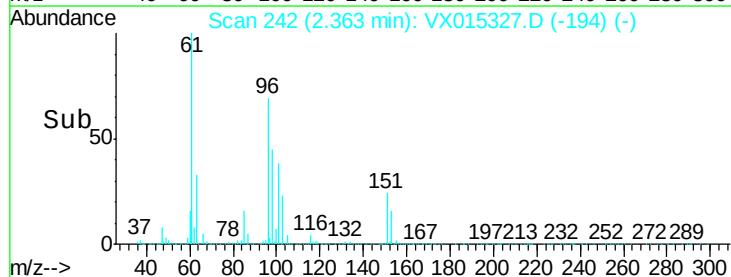
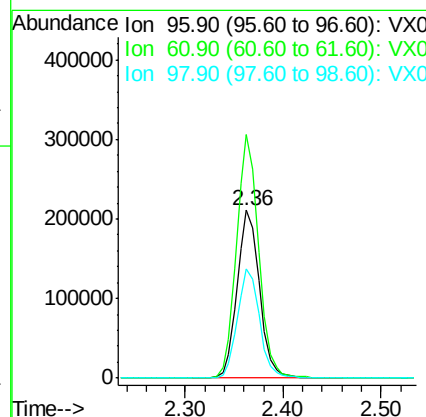
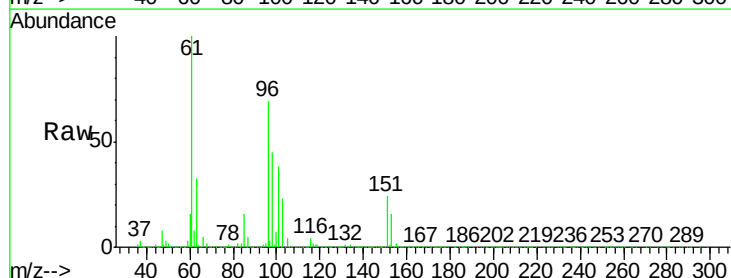
Manual Integrations
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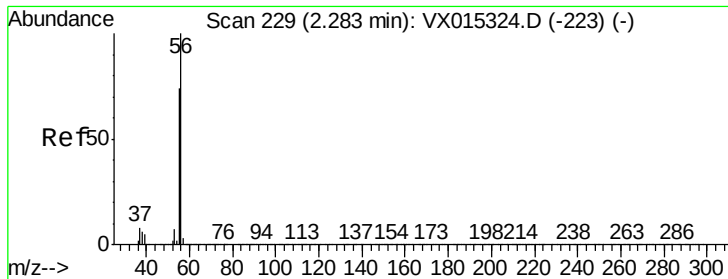
MMDadoda
3/19/2020 12:01:01 PM



#12
1,1-Dichloroethene
Concen: 42.653 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.0	117.7	176.5
98	65.2	52.3	78.5





#13

Acrolein

Concen: 229.996 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion: 56 Resp: 322608

Ion Ratio Lower Upper

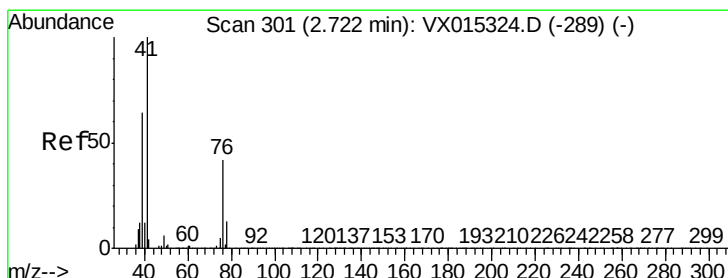
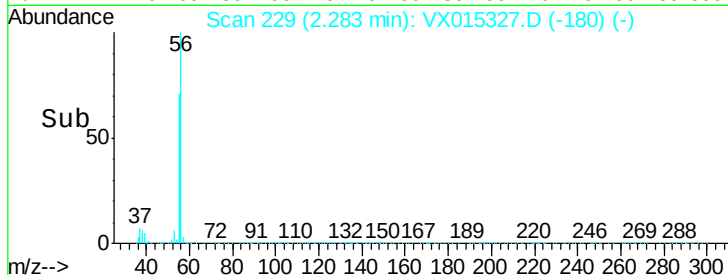
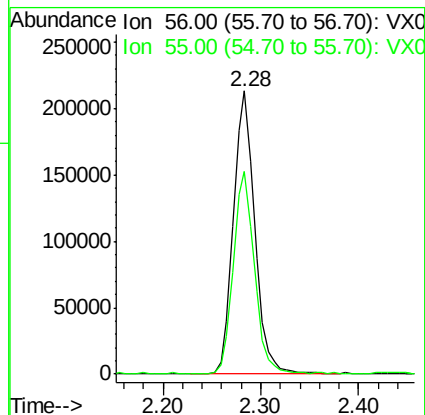
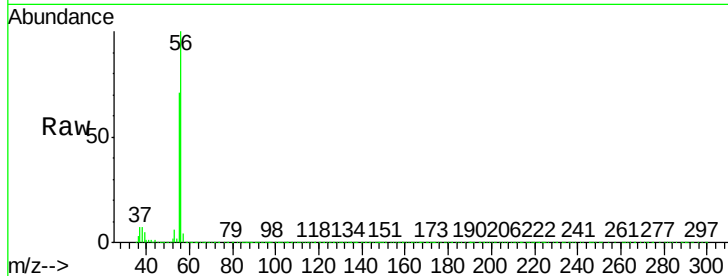
56 100

55 70.4 56.6 84.8

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#14

Allyl chloride

Concen: 47.779 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

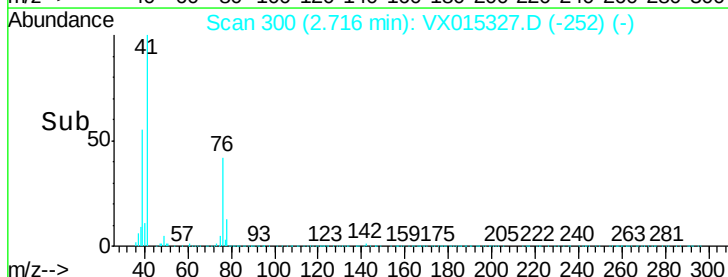
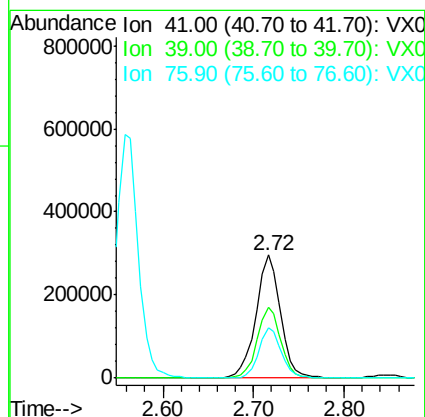
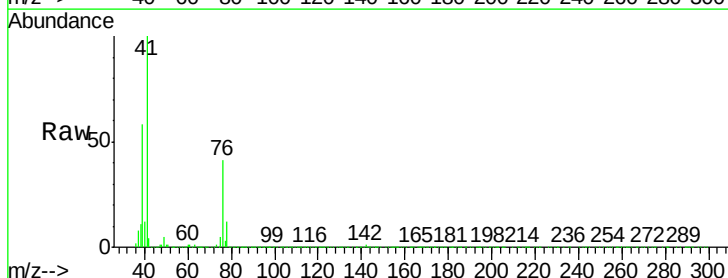
Tgt Ion: 41 Resp: 555615

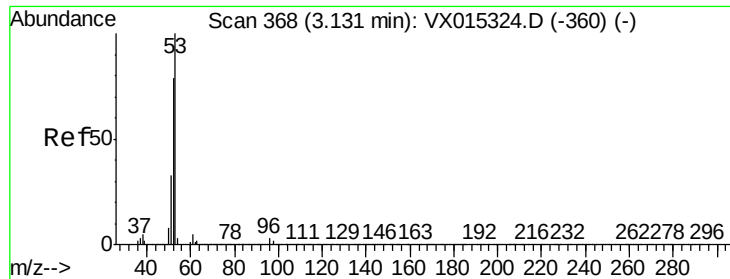
Ion Ratio Lower Upper

41 100

39 55.3 46.8 70.2

76 37.0 30.7 46.1





#15

Acrylonitrile

Concen: 233.377 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

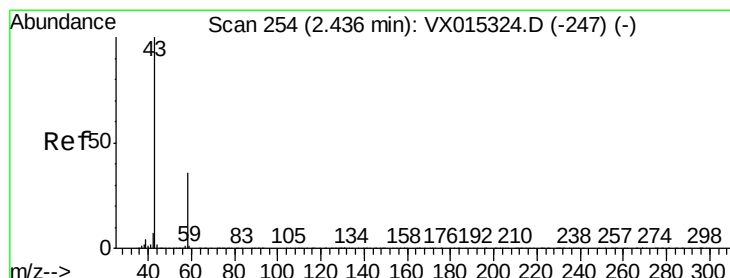
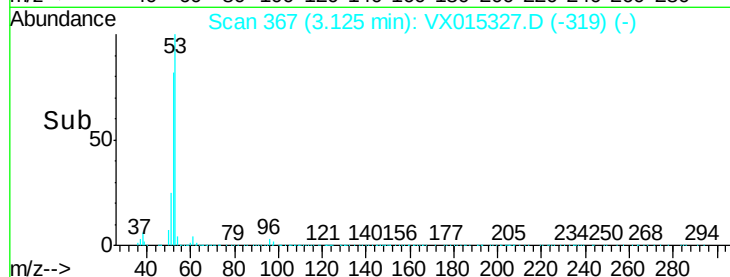
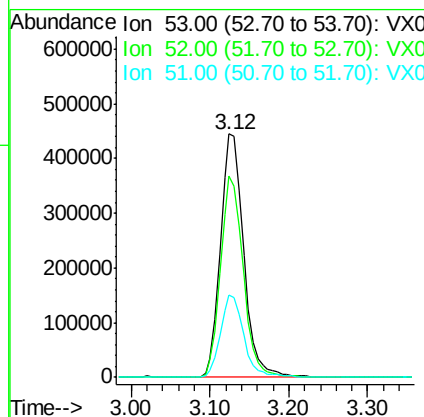
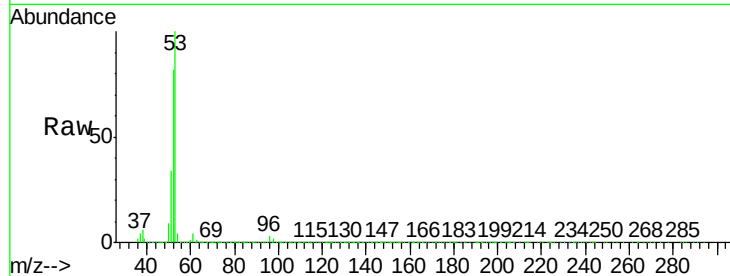
ClientSampleId :

ICVVX031820

Tot Ion:	53	Resp:	912162
Ion Ratio		Lower	Upper
53	100		
52	80.9	64.6	97.0
51	33.9	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 243.504 ug/l

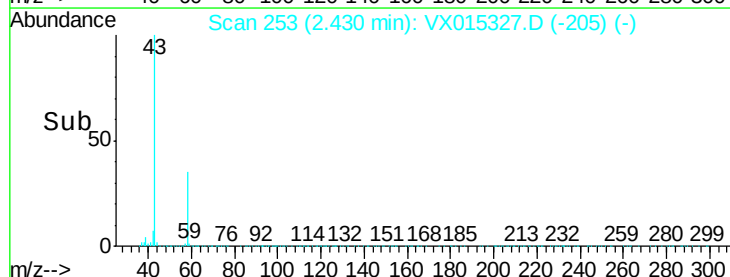
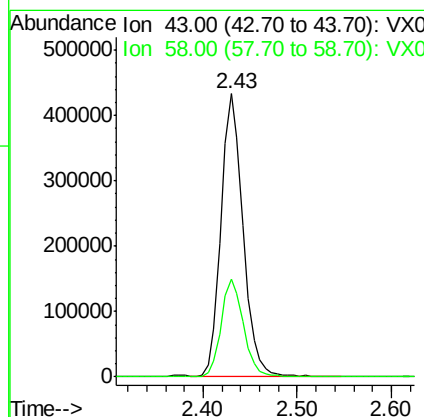
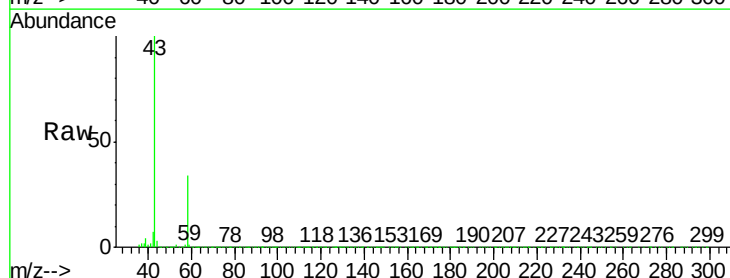
RT: 2.43 min Scan# 253

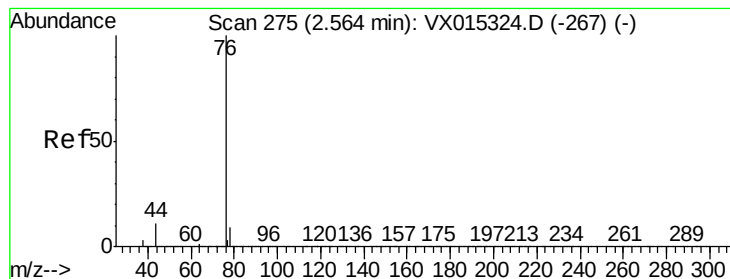
Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion:	43	Resp:	699632
Ion Ratio		Lower	Upper
43	100		
58	34.6	29.0	43.4





#17

Carbon Disulfide

Concen: 47.115 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion: 76 Resp: 988003

Ion Ratio Lower Upper

76 100

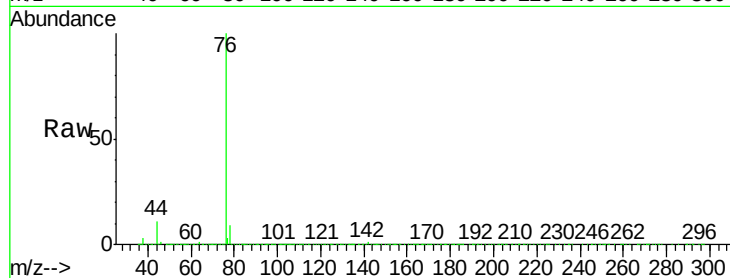
78 9.0 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

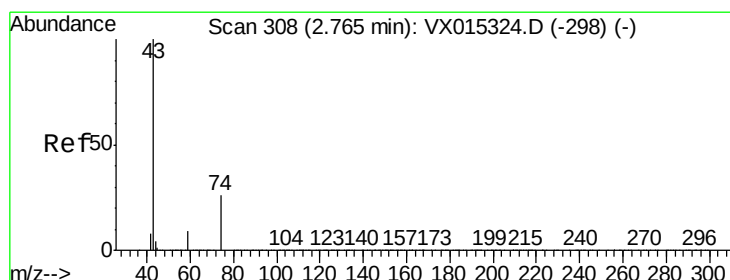
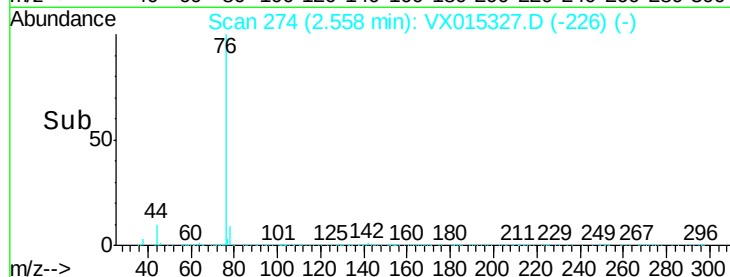
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 46.260 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015327.D

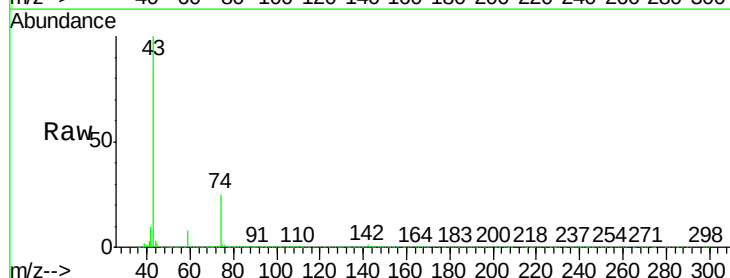
Acq: 18 Mar 2020 15:22

Tgt Ion: 43 Resp: 373760

Ion Ratio Lower Upper

43 100

74 25.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

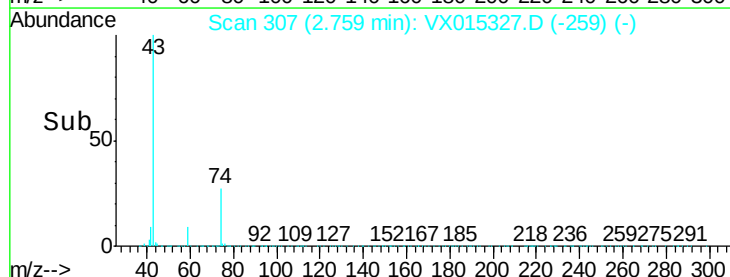
150000

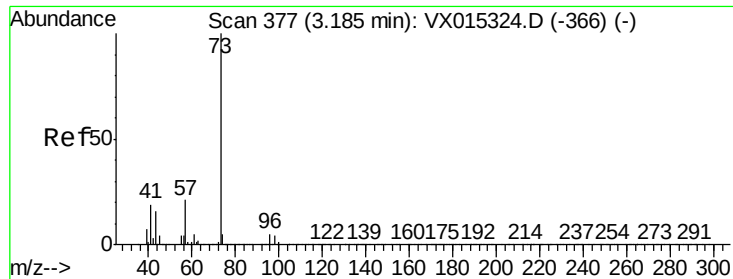
100000

50000

0

Time-->





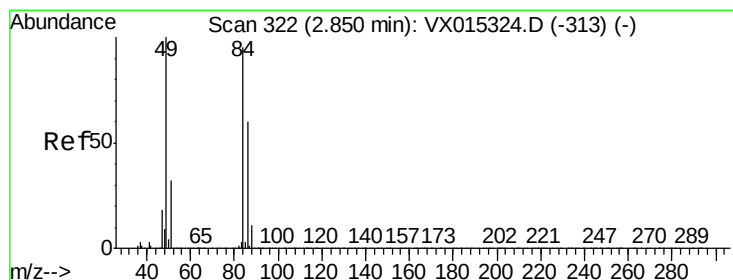
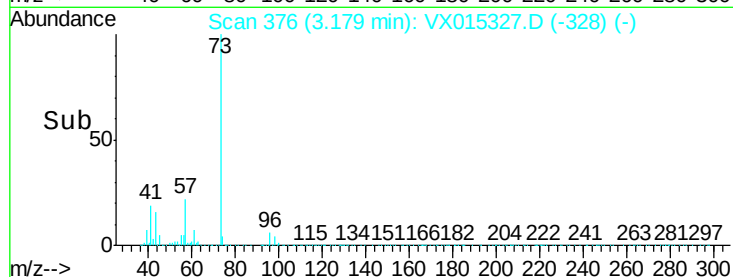
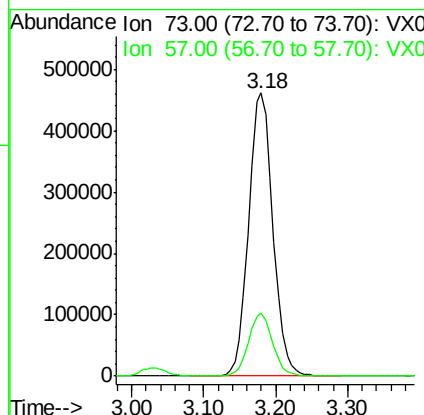
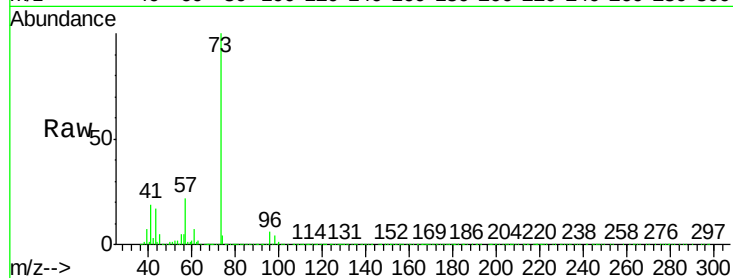
#19
Methyl tert-butyl Ether
Concen: 47.455 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion: 73 Resp: 1076184
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2

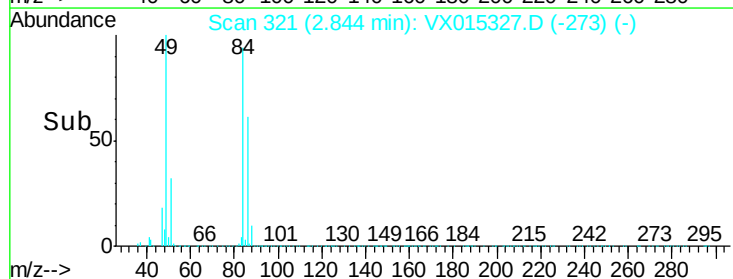
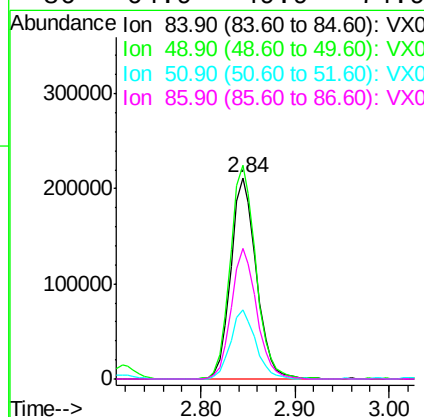
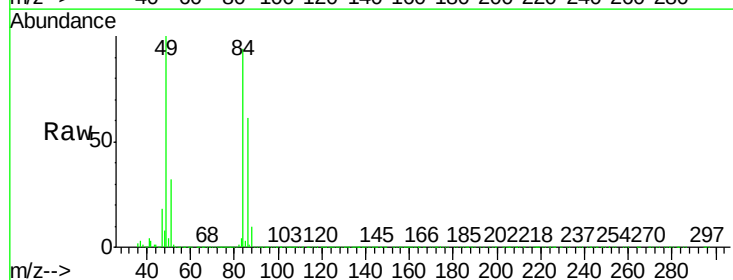
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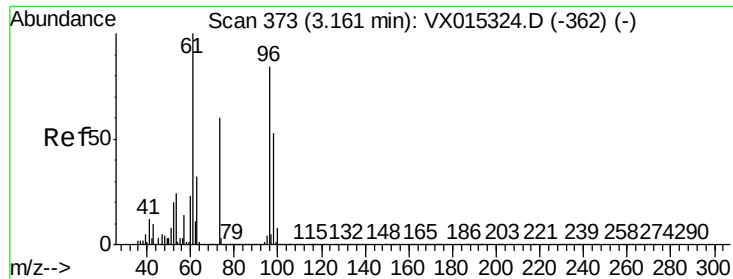
MMDadoda
3/19/2020 12:01:01 PM



#20
Methylene Chloride
Concen: 46.953 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 84 Resp: 395614
Ion Ratio Lower Upper
84 100
49 106.1 84.0 126.0
51 34.1 27.0 40.6
86 64.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 45.136 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

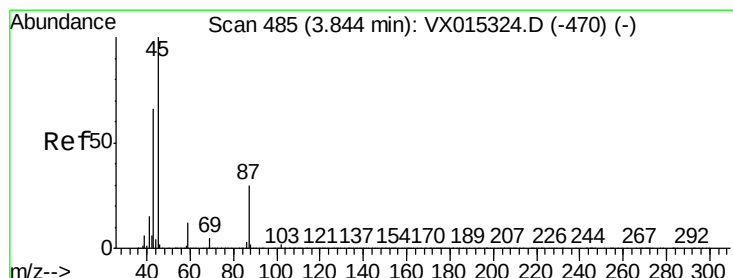
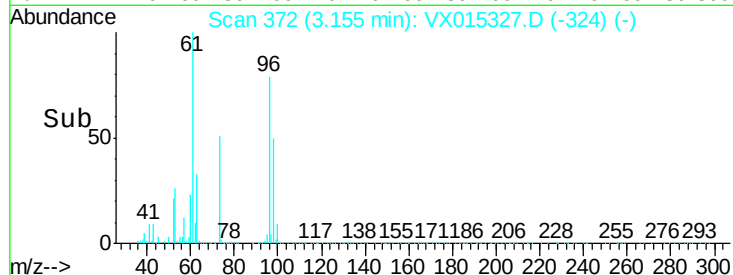
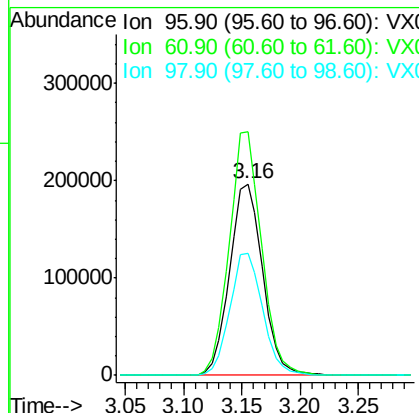
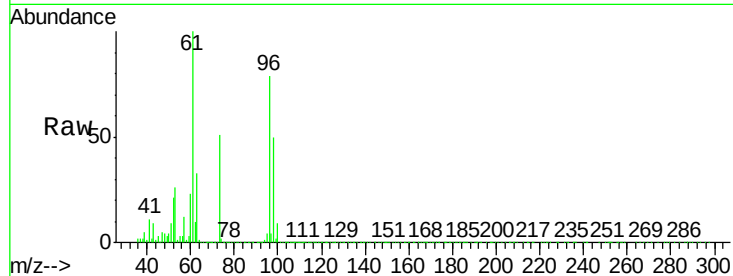
ClientSampleId :

ICVVX031820

Tot Ion:	96	Resp:	388553
Ion Ratio	Lower	Upper	
96	100		
61	127.0	95.5	143.3
98	63.7	50.2	75.2

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3/19/2020 12:01:01 PM



#22

Diisopropyl ether

Concen: 48.016 ug/l

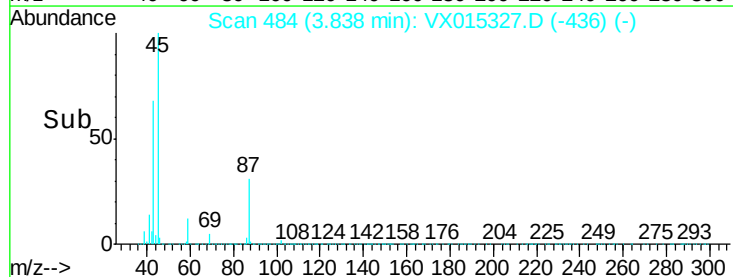
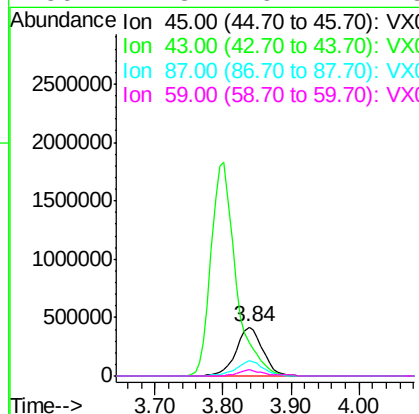
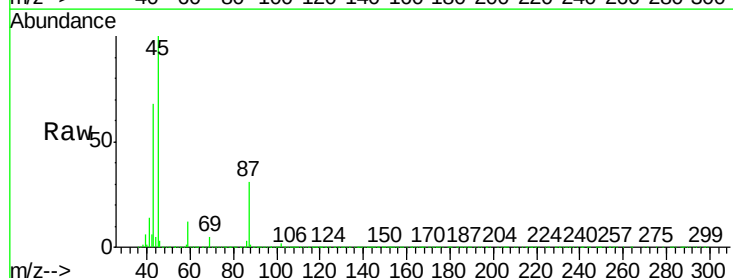
RT: 3.84 min Scan# 484

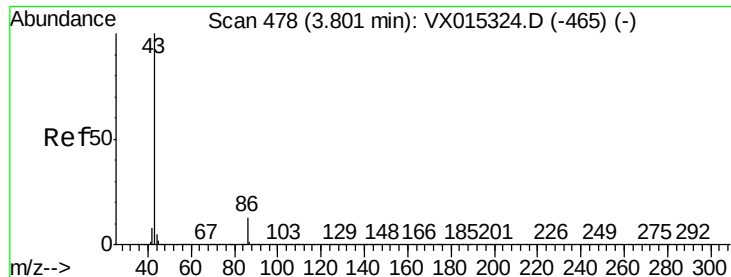
Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion:	45	Resp:	1127216
Ion Ratio	Lower	Upper	
45	100		
43	67.4	52.8	79.2
87	30.7	24.3	36.5
59	12.3	9.7	14.5





#23

Vinyl Acetate

Concen: 247.753 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion: 43 Resp: 4638815

Ion Ratio Lower Upper

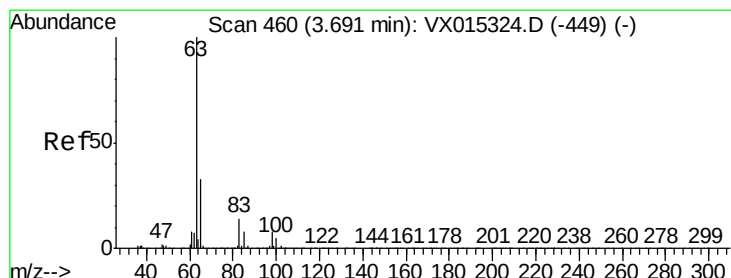
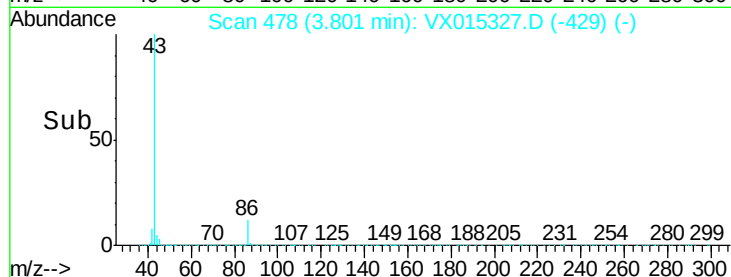
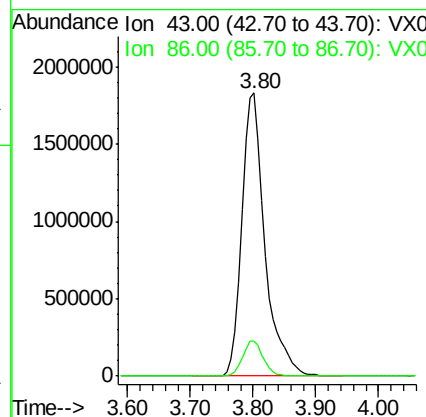
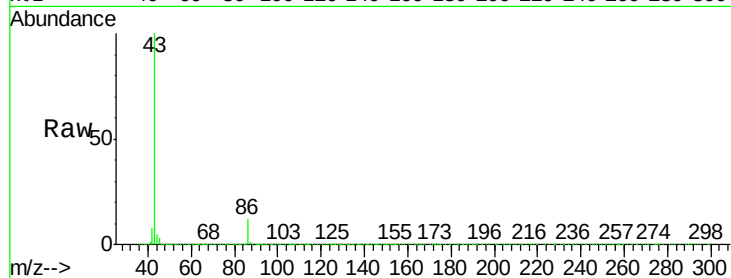
43 100

86 12.4 10.1 15.1

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3/19/2020 12:01:01 PM



#24

1,1-Dichloroethane

Concen: 44.182 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

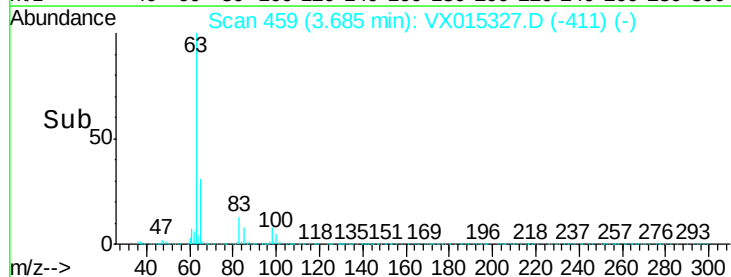
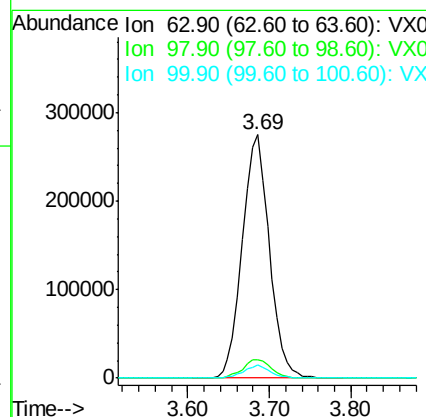
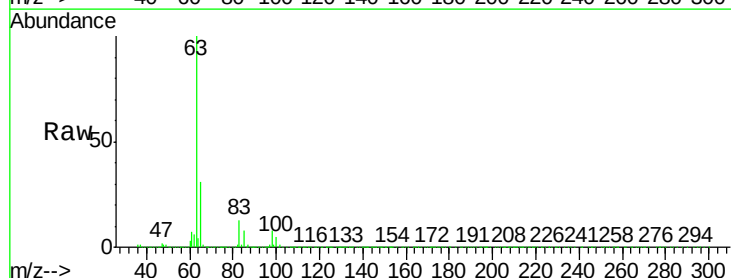
Tgt Ion: 63 Resp: 633170

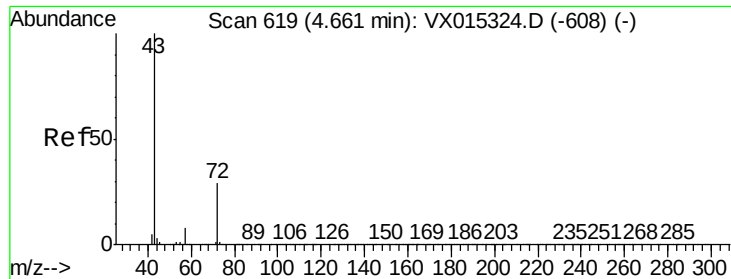
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 237.732 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion: 43 Resp: 1160563

Ion Ratio Lower Upper

43 100

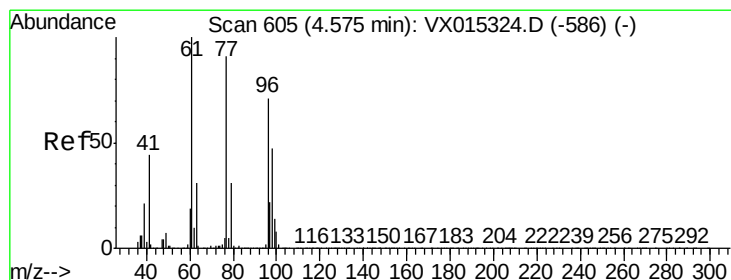
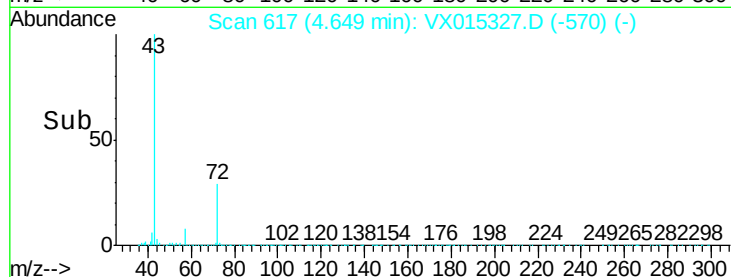
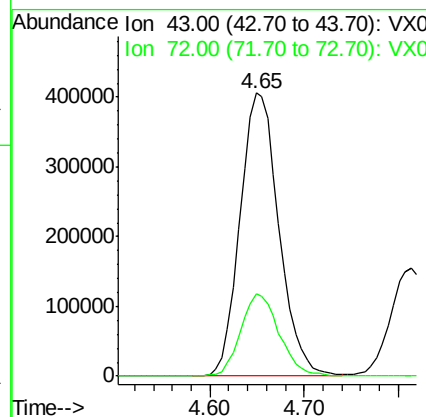
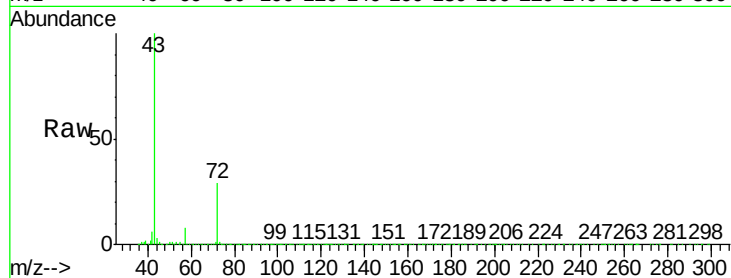
72 28.9 23.1 34.7

Manual Integrations

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3/19/2020 12:01:01 PM



#26

2,2-Dichloropropane

Concen: 45.782 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015327.D

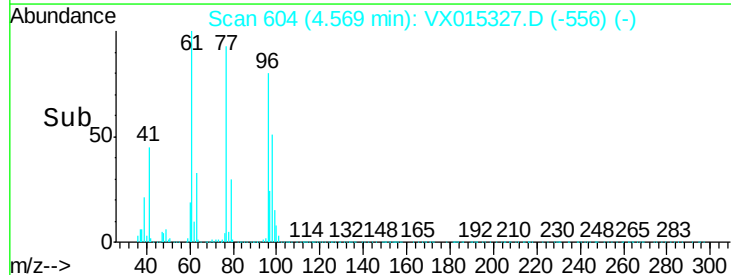
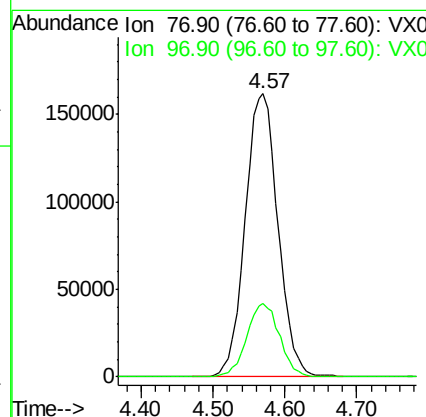
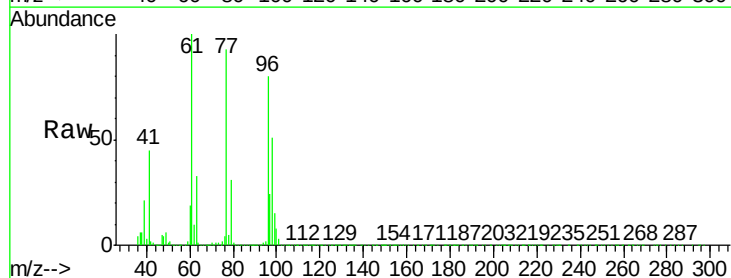
Acq: 18 Mar 2020 15:22

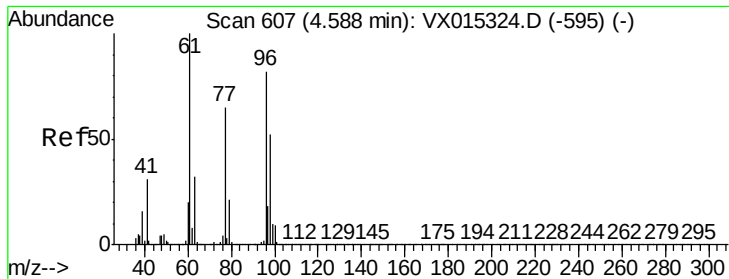
Tgt Ion: 77 Resp: 509867

Ion Ratio Lower Upper

77 100

97 25.6 13.0 38.9





#27

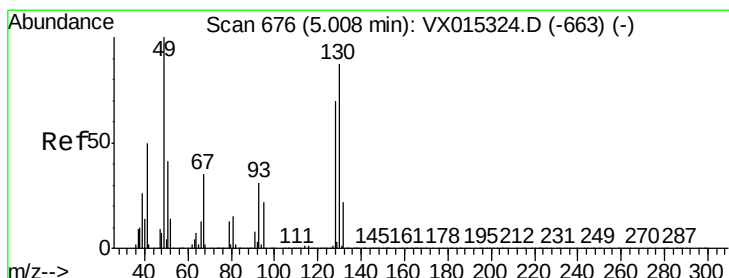
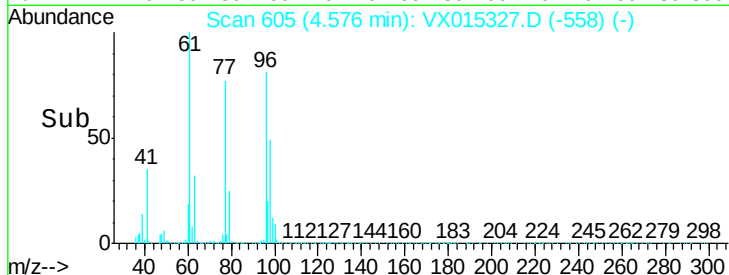
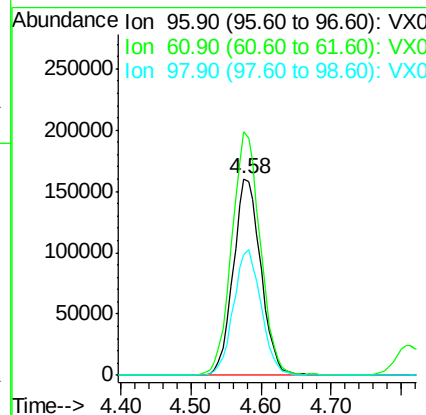
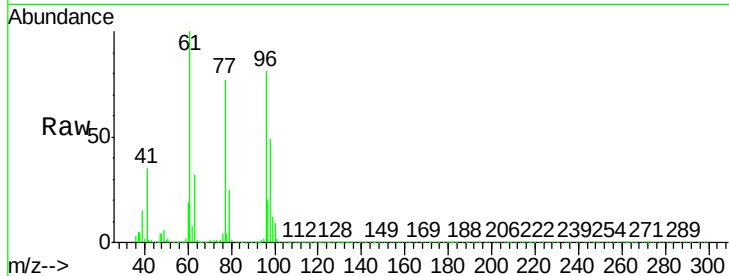
cis-1,2-Dichloroethene
Concen: 46.787 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Resp	Lower	Upper
96	100	436800		
61	128.4	0.0	255.8	
98	64.6	0.0	128.8	

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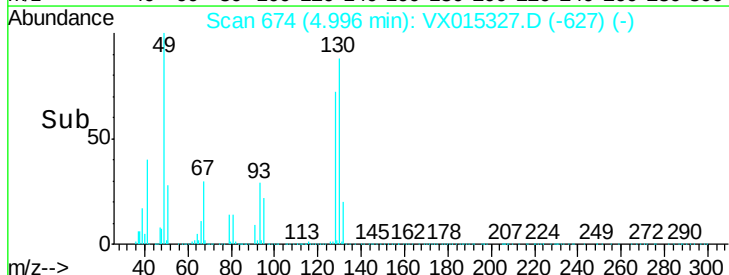
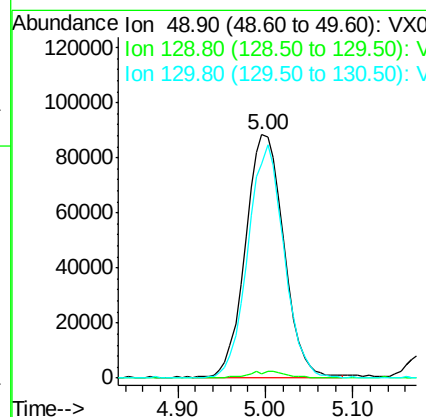
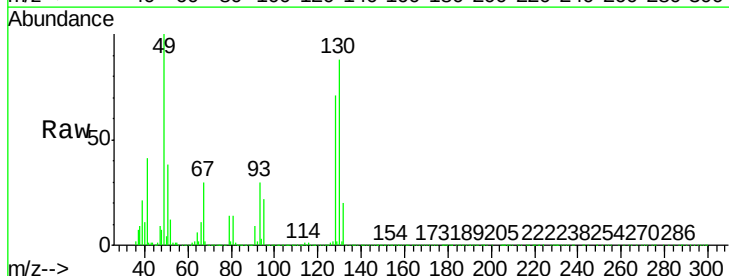
MMDadoda
3/19/2020 12:01:01 PM

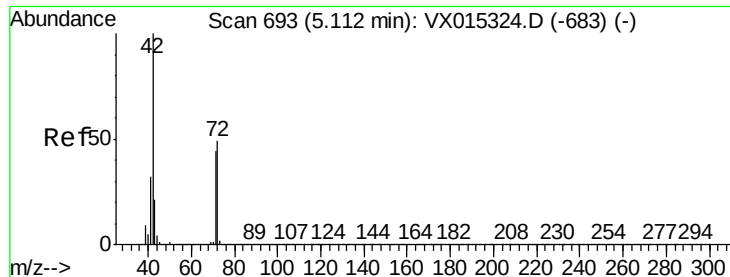


#28

Bromochloromethane
Concen: 45.917 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	268671		
129	2.7	0.0	5.4	
130	90.9	69.9	104.9	





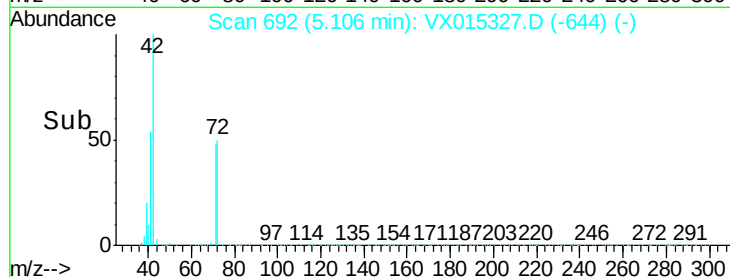
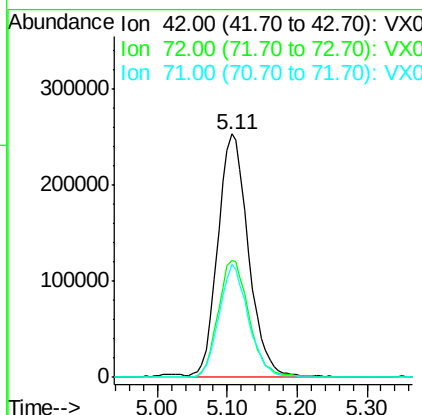
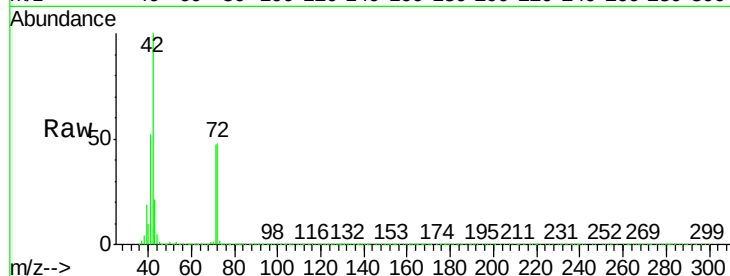
#29
Tetrahydrofuran
Concen: 240.800 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	39.6	59.4
71	44.5	36.5	54.7

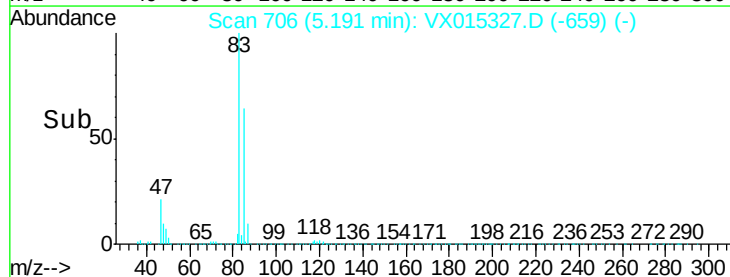
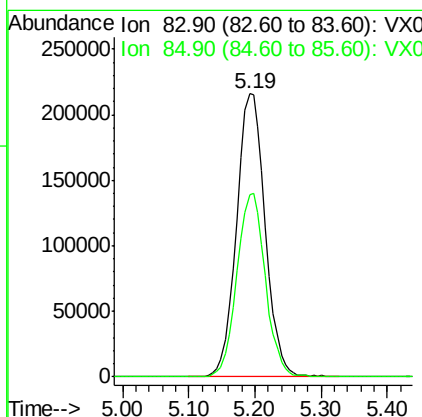
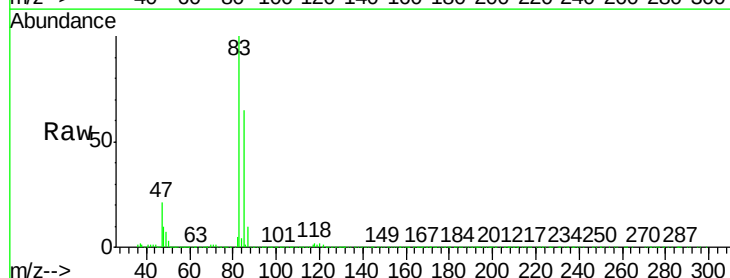
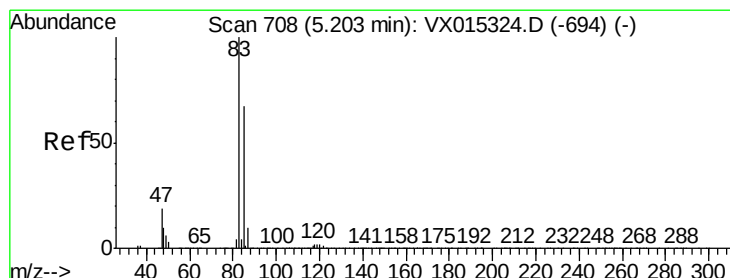
Manual Integrations
APPROVED

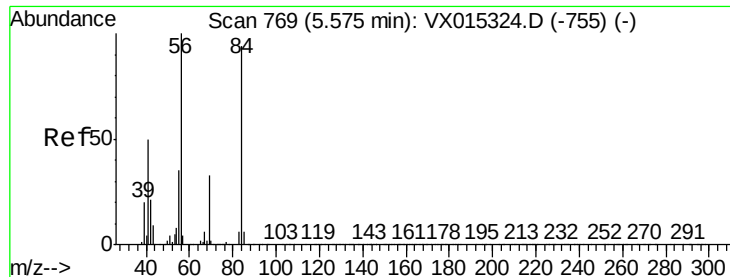
MMDadoda
3/19/2020 12:01:01 PM



#30
Chloroform
Concen: 44.751 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.8	80.6





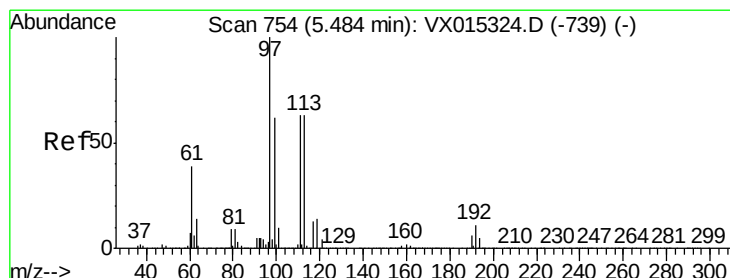
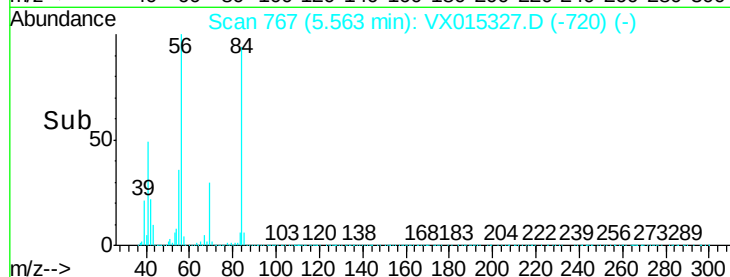
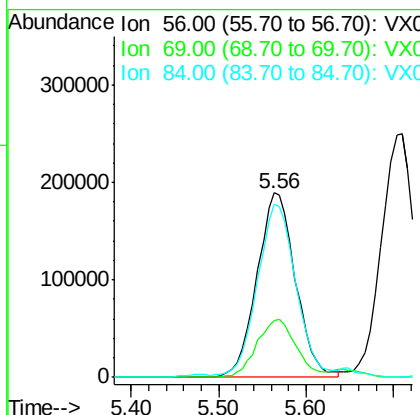
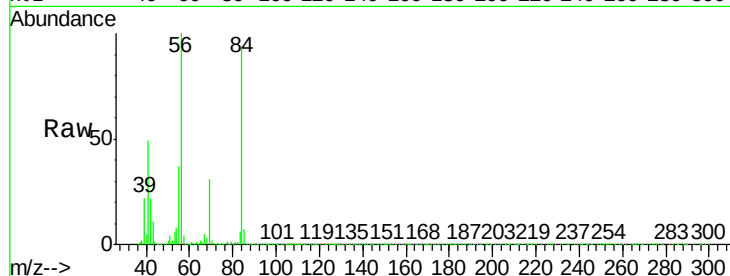
#31
Cyclohexane
Concen: 49.421 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	26.2	39.4
84	92.7	75.2	112.8

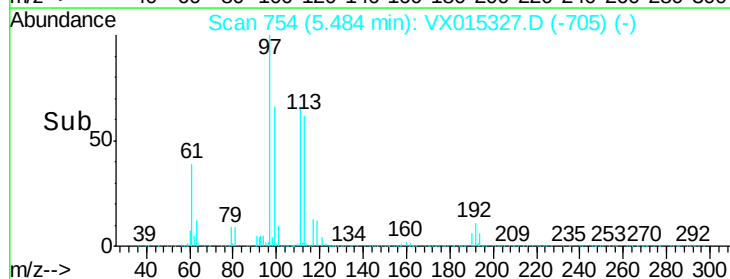
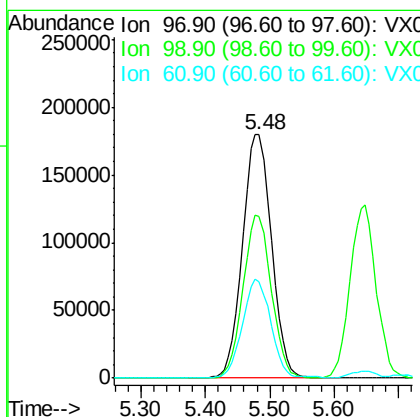
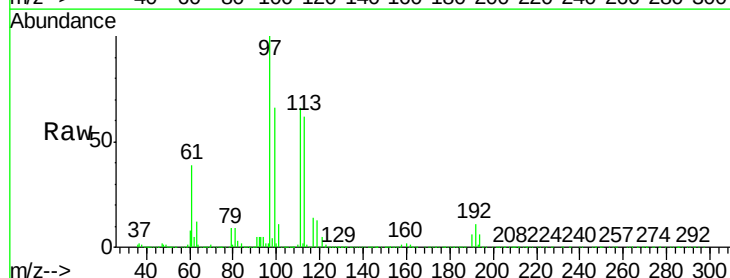
Manual Integrations
APPROVED

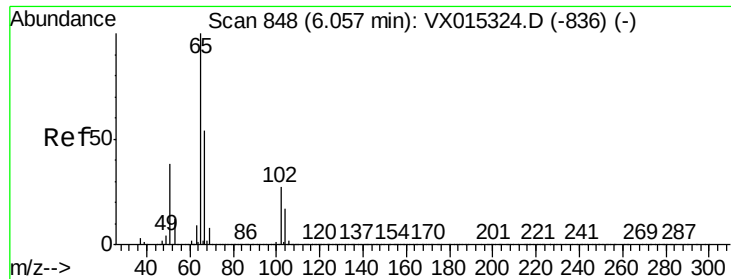
MMDadoda
3/19/2020 12:01:01 PM



#32
1,1,1-Trichloroethane
Concen: 46.565 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	39.6	31.7	47.5





#33

1,2-Dichloroethane-d4

Concen: 45.493 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion: 65 Resp: 348336

Ion Ratio Lower Upper

65 100

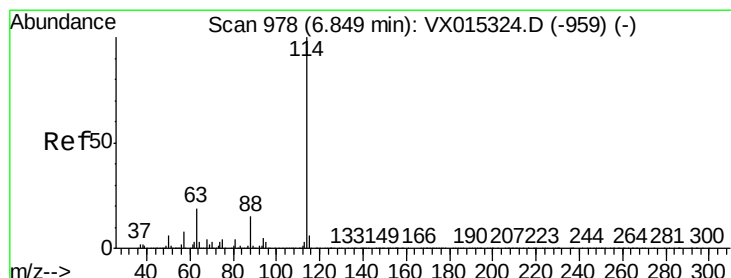
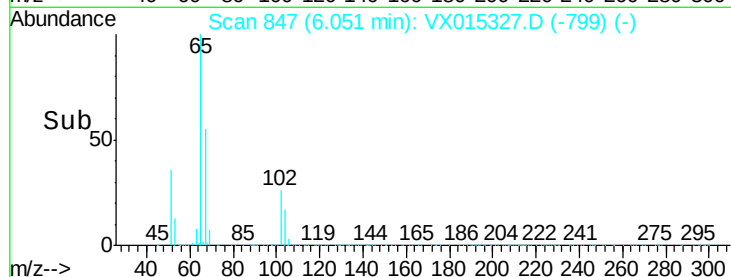
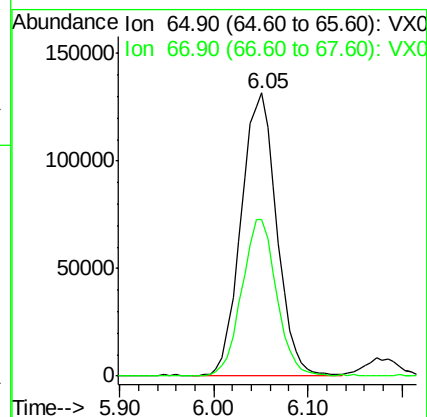
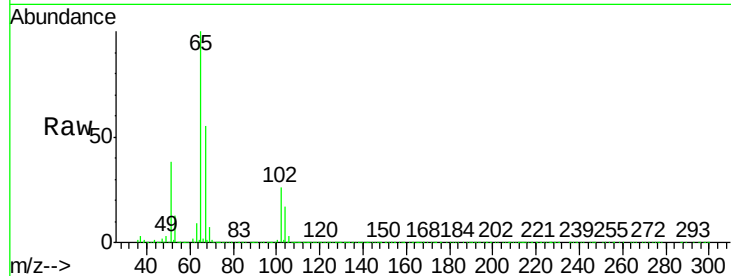
67 53.6 0.0 108.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

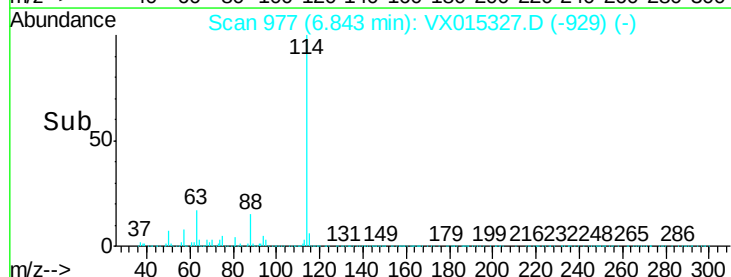
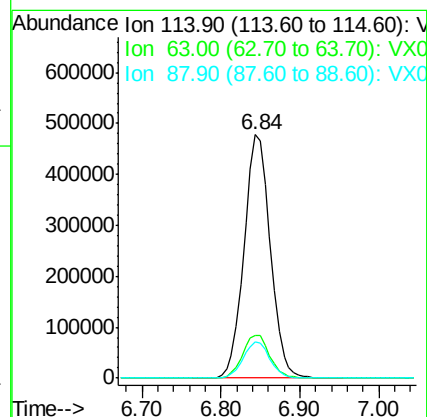
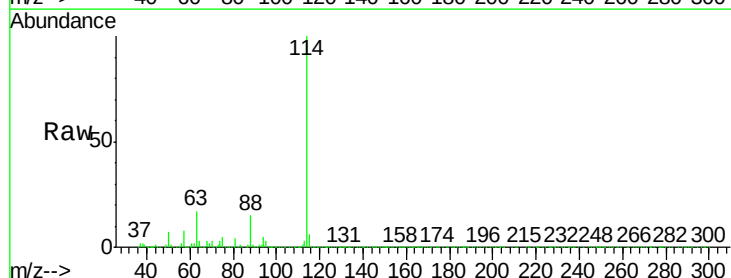
Tgt Ion: 114 Resp: 1105933

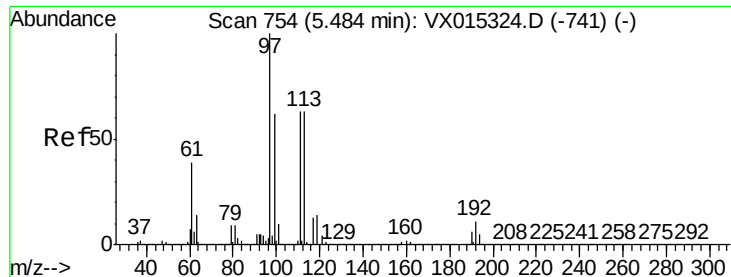
Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.4

88 14.9 0.0 30.0





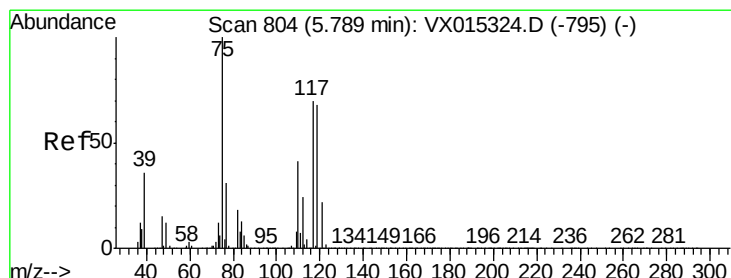
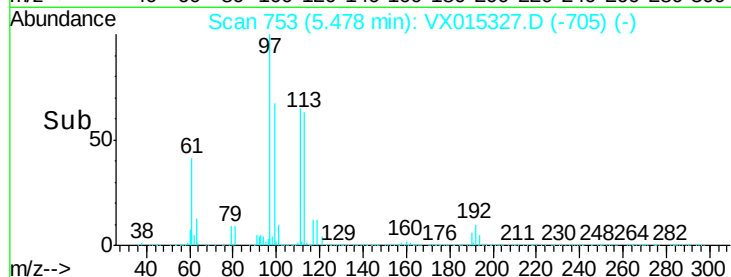
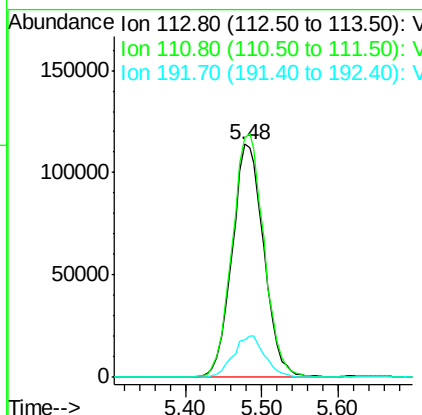
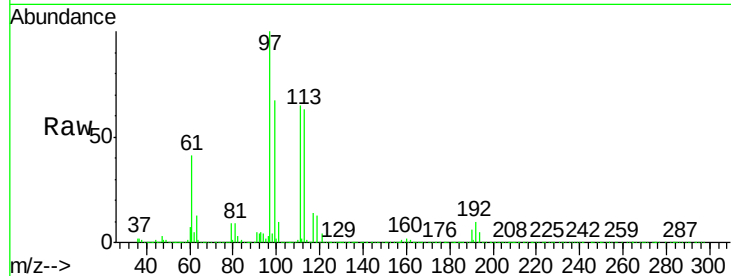
#35
Dibromofluoromethane
Concen: 45.107 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Resp	Lower	Upper
113	100	325066		
111	105.5	82.5	123.7	
192	17.9	14.2	21.2	

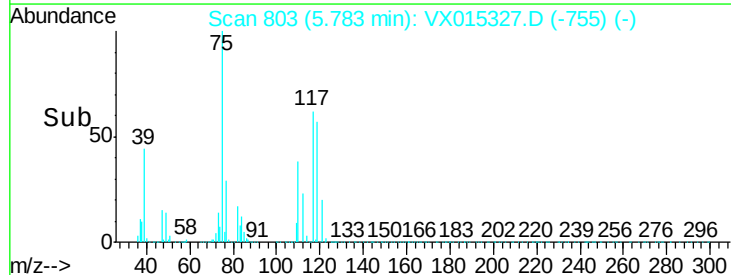
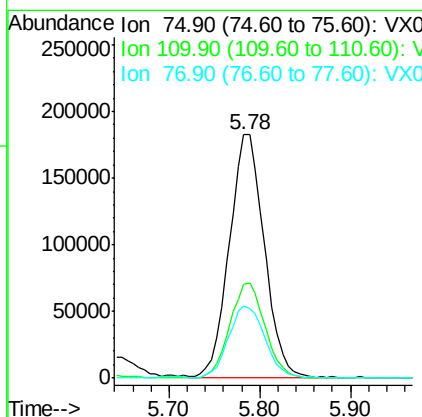
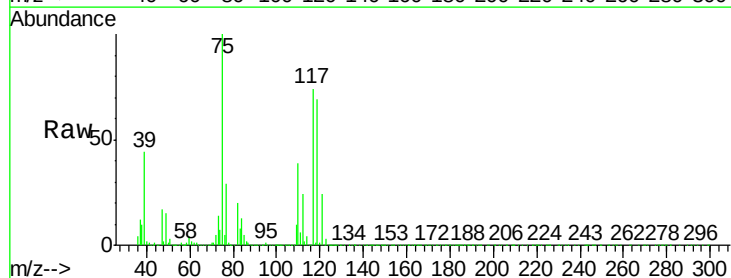
Manual Integrations
APPROVED

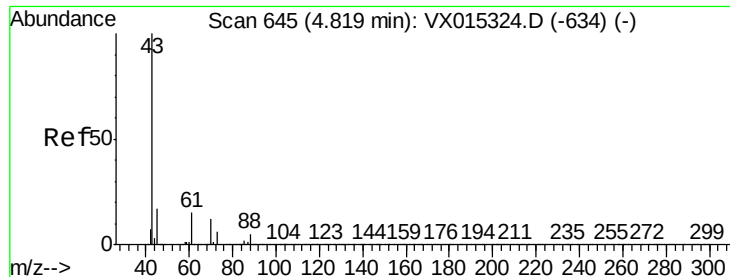
MMDadoda
3/19/2020 12:01:01 PM



#36
1,1-Dichloropropene
Concen: 46.305 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	485796		
110	39.4	19.4	58.4	
77	30.7	24.6	37.0	





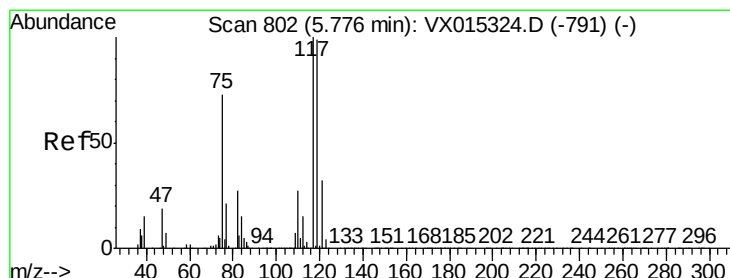
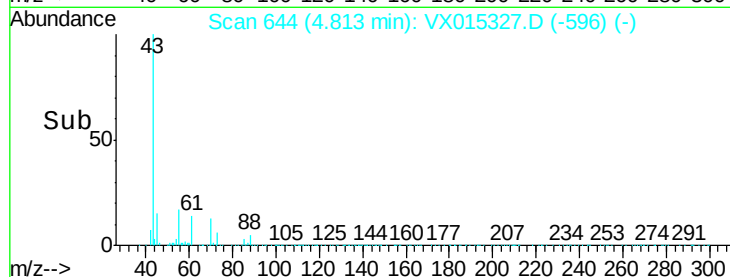
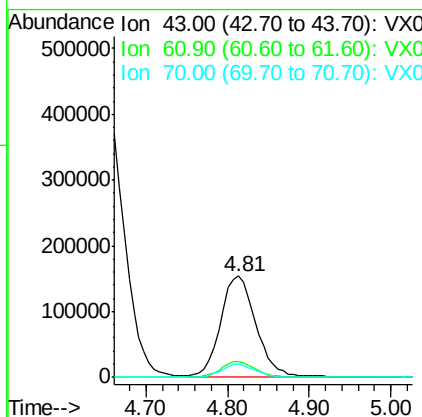
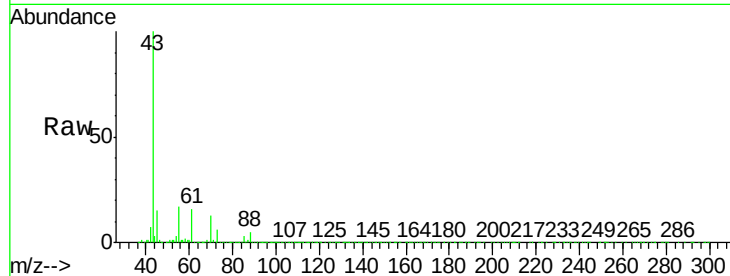
#37
Ethyl Acetate
Concen: 47.755 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.2	18.2
70	12.8	9.8	14.6

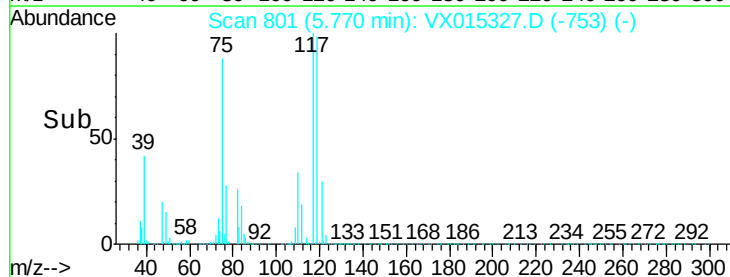
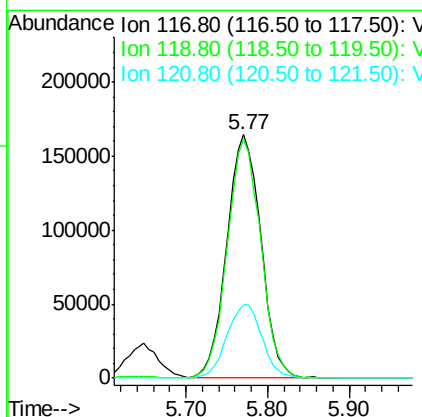
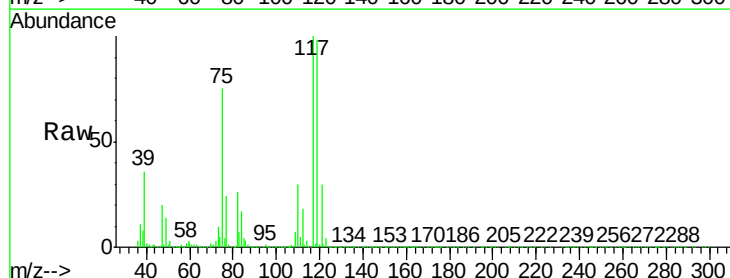
Manual Integrations
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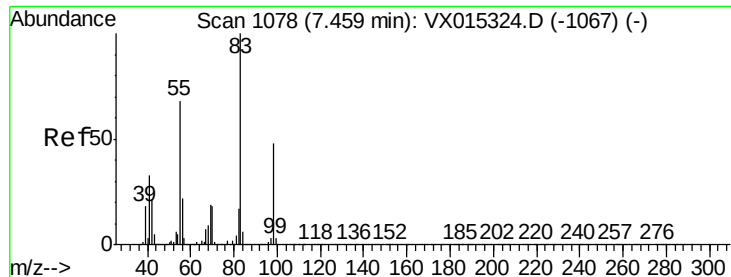
MMDadoda
3/19/2020 12:01:01 PM



#38
Carbon Tetrachloride
Concen: 47.537 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	79.3	118.9
121	30.3	25.4	38.0





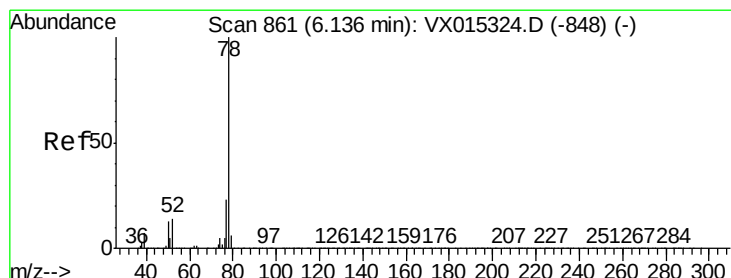
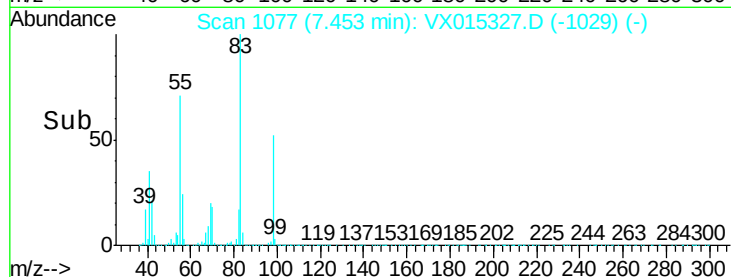
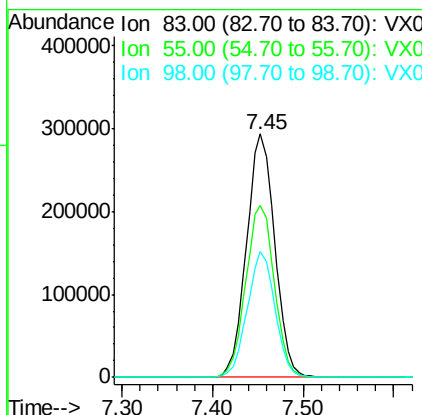
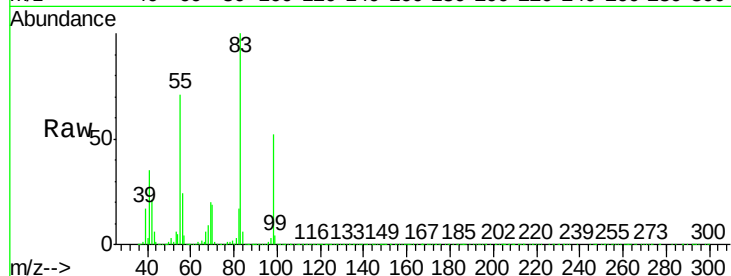
#39
Methylvlcyclohexane
Concen: 50.084 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	54.8	82.2
98	51.6	38.8	58.2

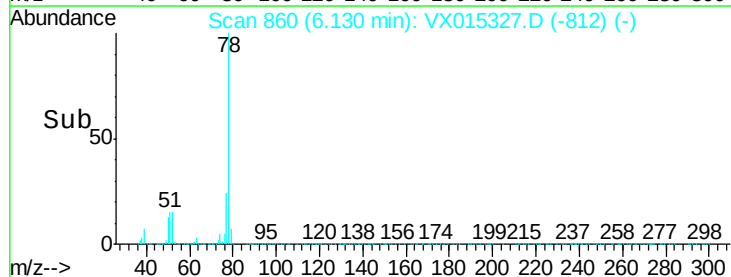
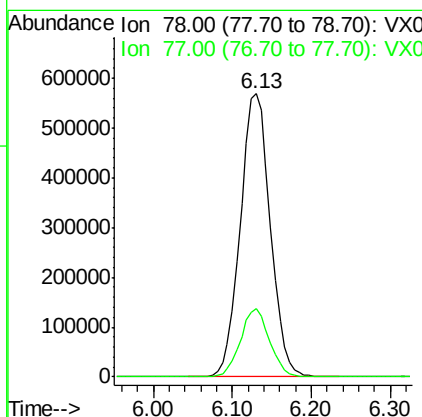
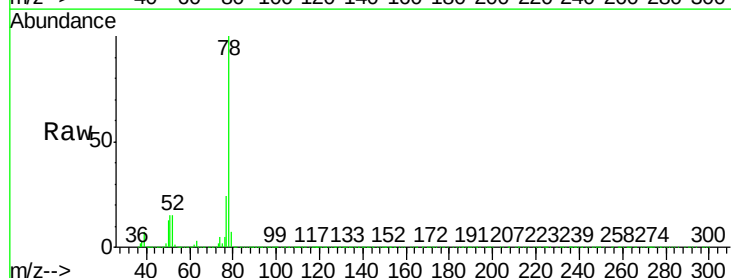
Manual Integrations
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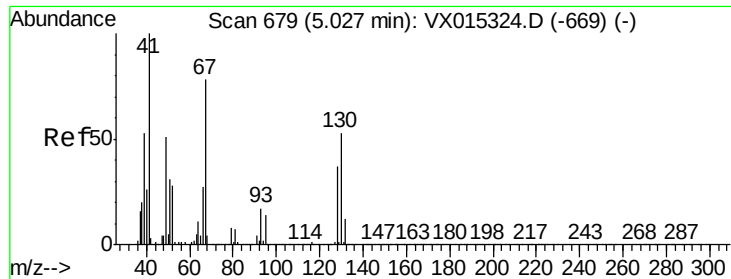
MMDadoda
3/19/2020 12:01:01 PM



#40
Benzene
Concen: 47.305 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.2	27.4





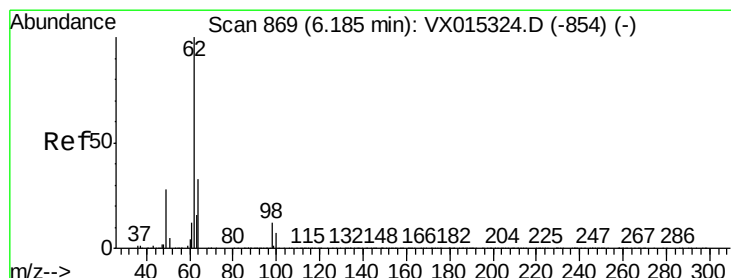
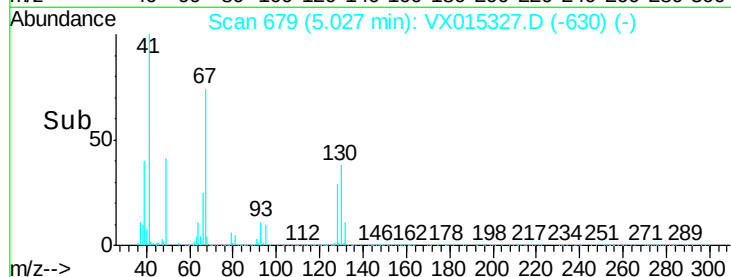
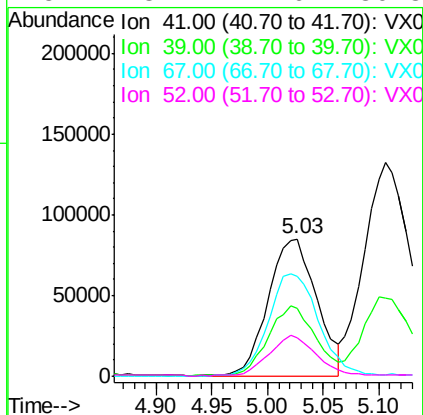
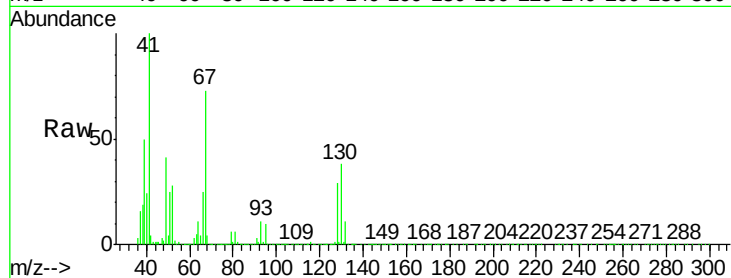
#41
Methacrylonitrile
Concen: 50.230 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVX031820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		256039		
39	49.1	43.0	64.6		
67	78.1	66.0	99.0		
52	28.1	24.6	36.8		

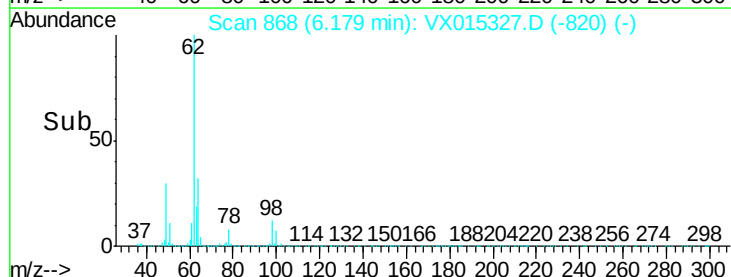
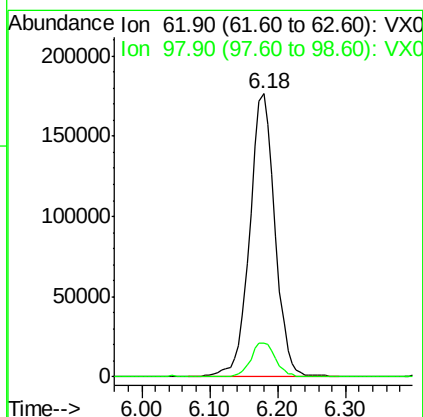
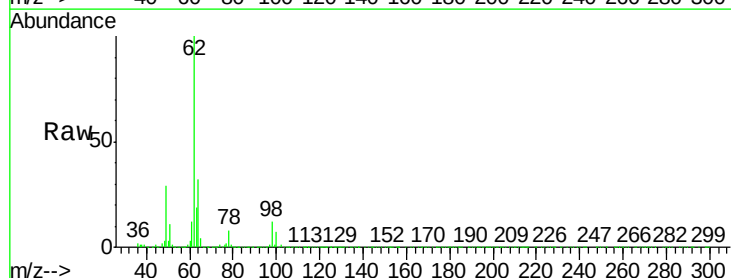
Manual Integrations
APPROVED

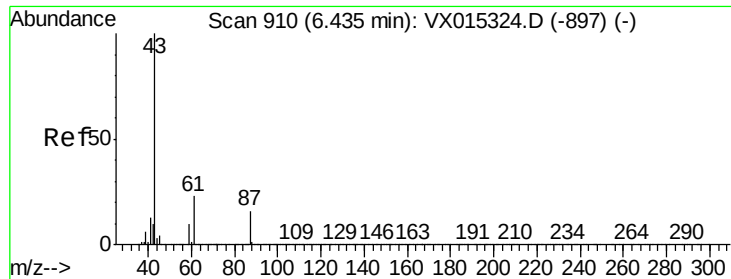
MMDadoda
3/19/2020 12:01:01 PM



#42
1,2-Dichloroethane
Concen: 47.384 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		455347		
98	11.9	0.0	22.6		





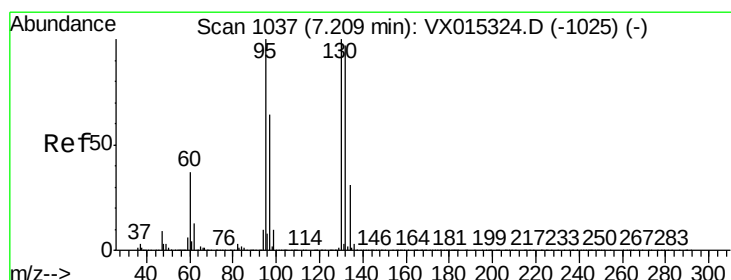
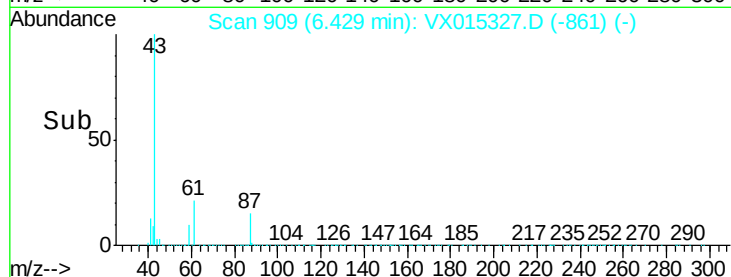
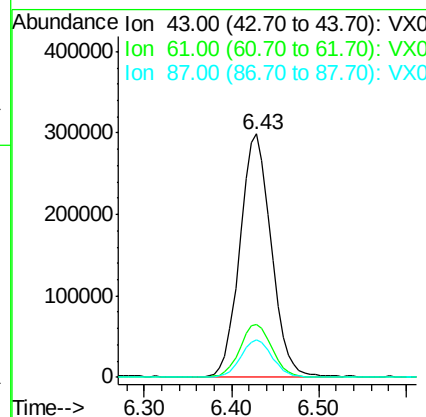
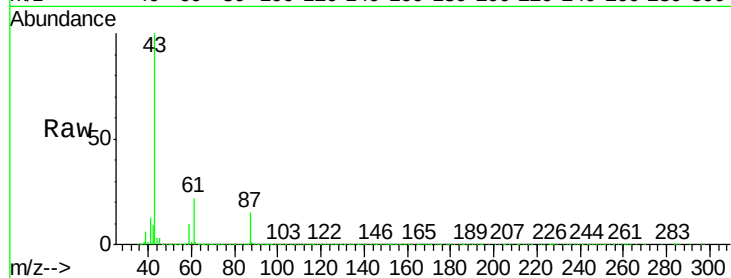
#43
Isopropyl Acetate
Concen: 51.237 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	18.2	27.2
87	15.6	12.3	18.5

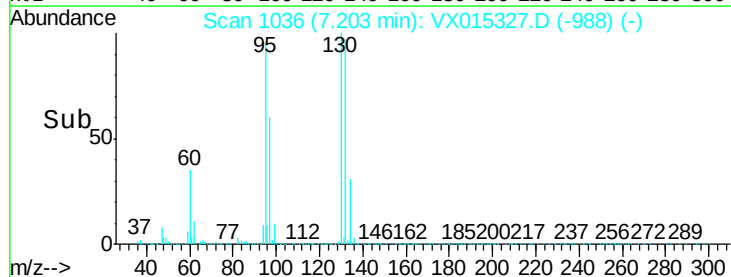
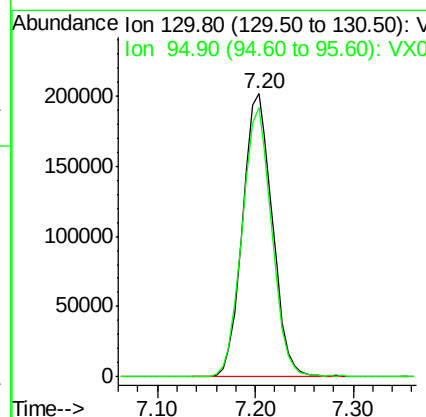
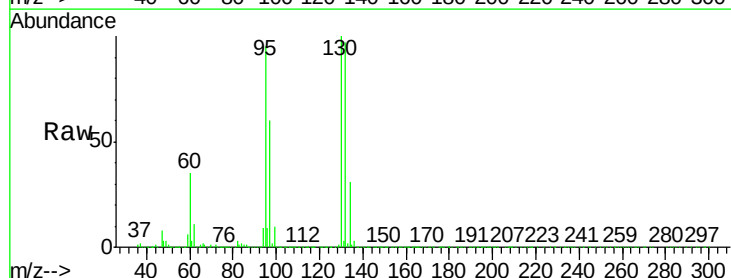
Manual Integrations
APPROVED

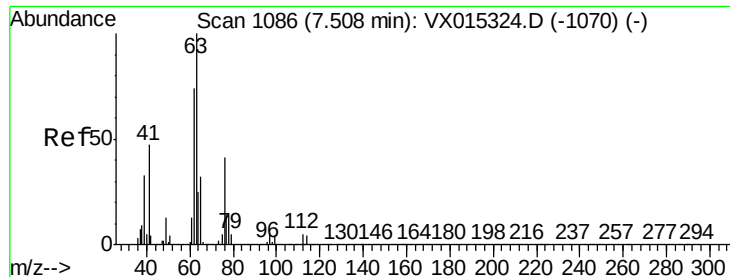
MMDadoda
3/19/2020 12:01:01 PM



#44
Trichloroethene
Concen: 48.450 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	200.4





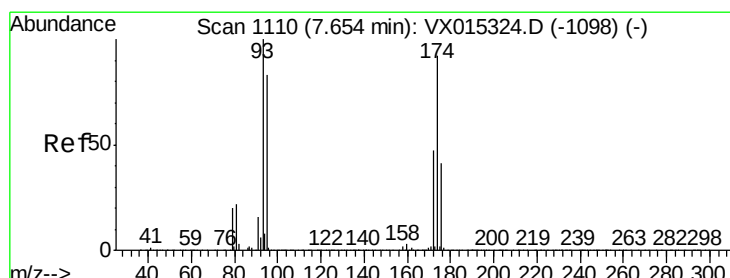
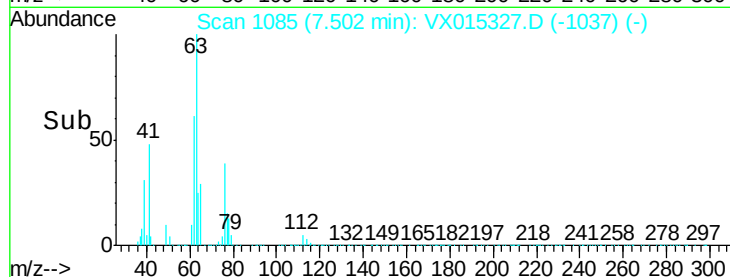
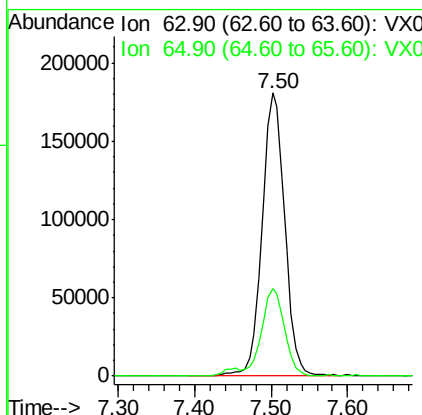
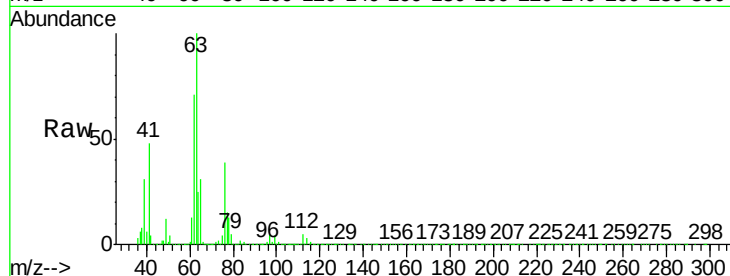
#45
 1,2-Dichloropropane
 Concen: 49.754 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031820

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.1	37.7

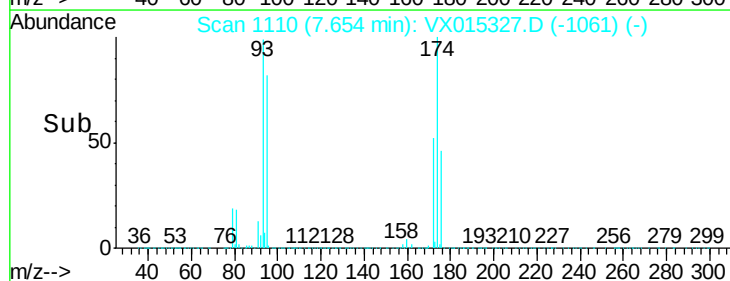
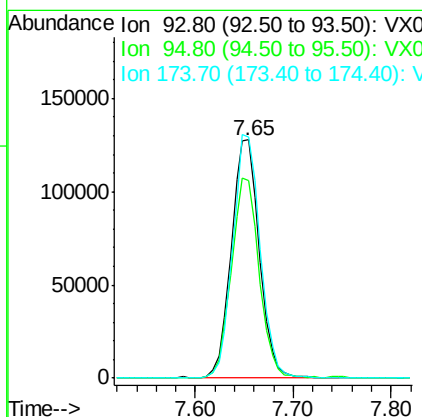
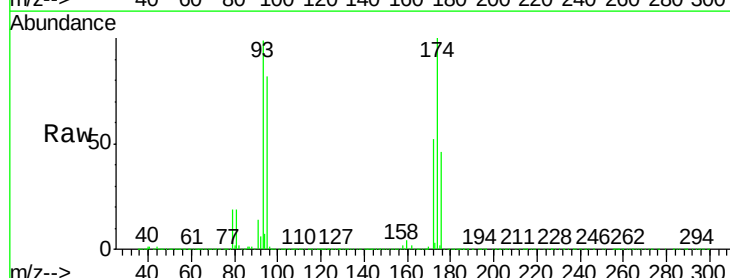
Manual Integrations
 APPROVED

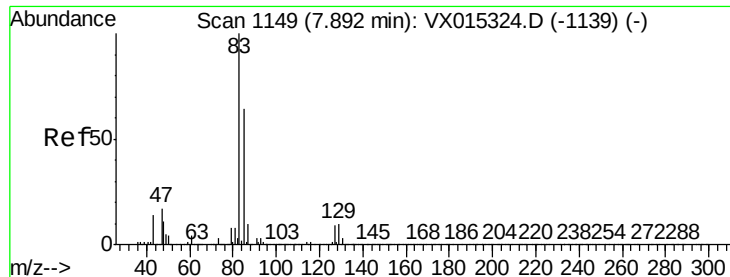
MMDadoda
 3/19/2020 12:01:01 PM



#46
 Dibromomethane
 Concen: 47.866 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.3	99.5
174	101.1	74.2	111.2





#47

Bromodichloromethane

Concen: 50.642 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

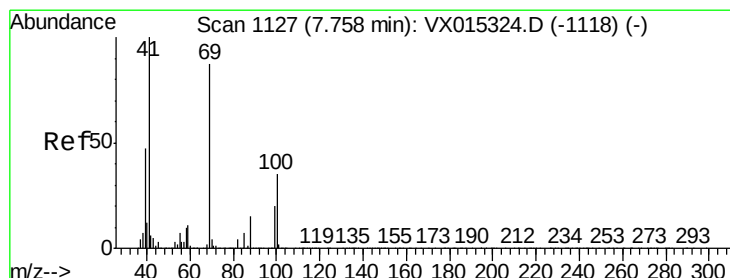
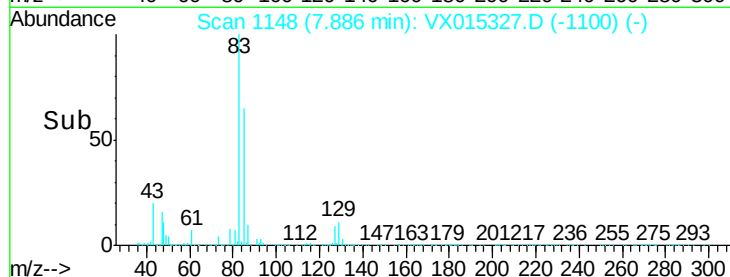
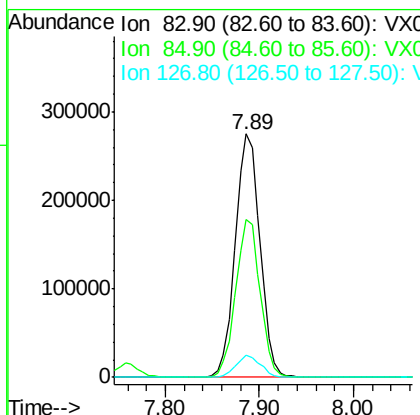
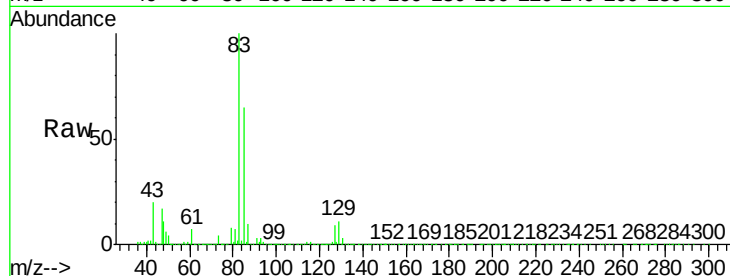
ClientSampleId :

ICVVX031820

Tot Ion:	83	Resp:	500719
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.0	76.6
127	8.9	7.2	10.8

Manual Integrations
APPROVED

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



#48

Methyl methacrylate

Concen: 52.534 ug/l

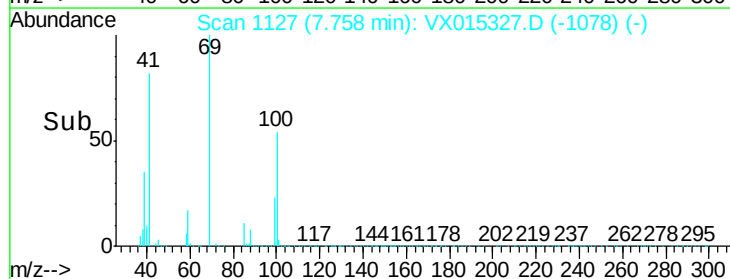
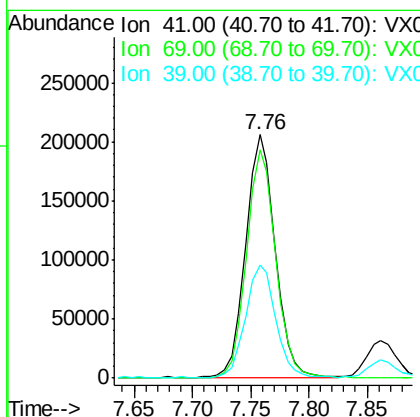
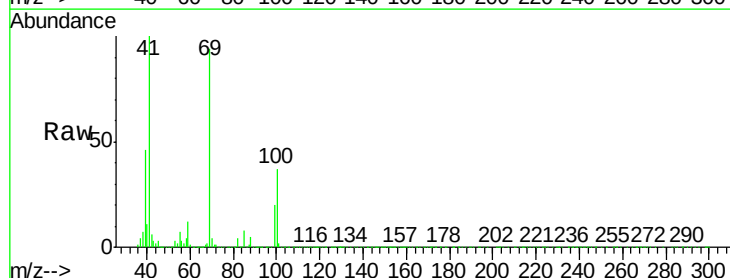
RT: 7.76 min Scan# 1127

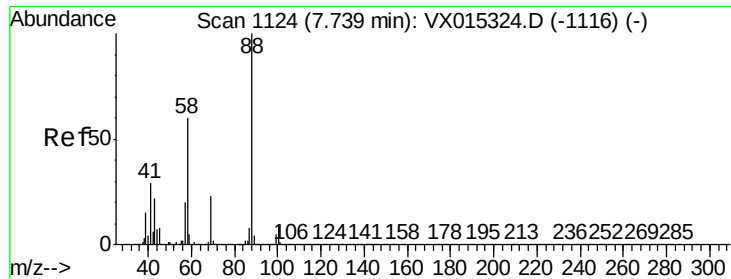
Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion:	41	Resp:	363266
Ion Ratio	Lower	Upper	
41	100		
69	93.4	74.4	111.6
39	47.5	39.2	58.8





#49

1,4-Dioxane

Concen: 1011.616 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

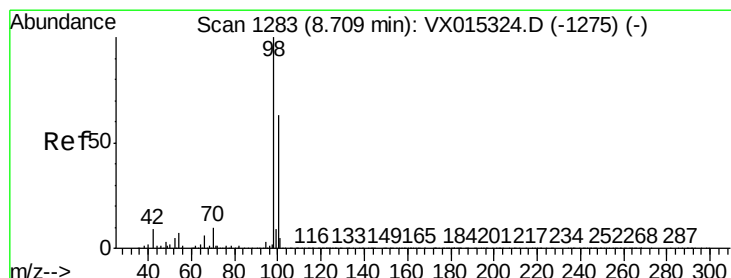
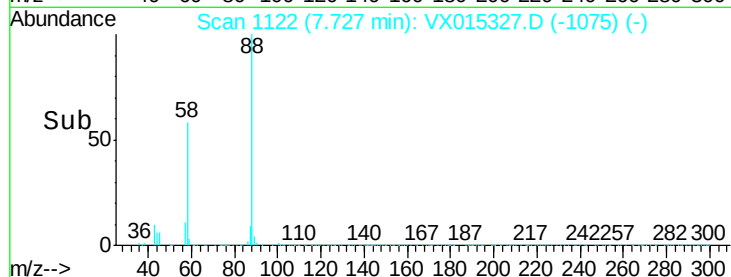
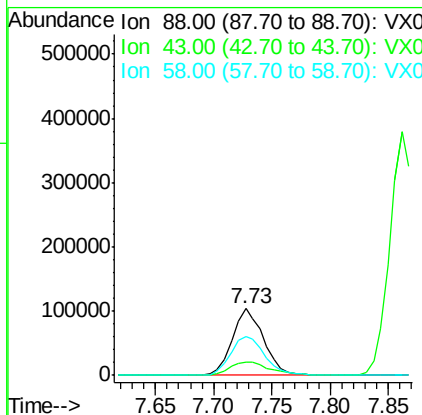
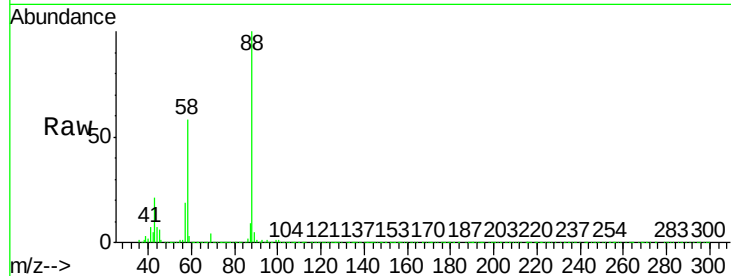
ClientSampleId :

ICVVX031820

Tot Ion:	88	Resp:	192197
Ion Ratio		Lower	Upper
88	100		
43	26.0	20.7	31.1
58	63.4	53.9	80.9

Manual Integrations
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#50

Toluene-d8

Concen: 48.096 ug/l

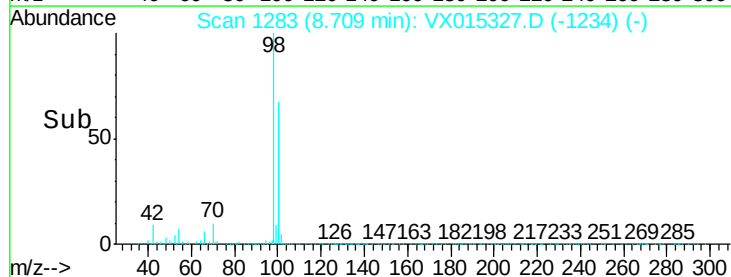
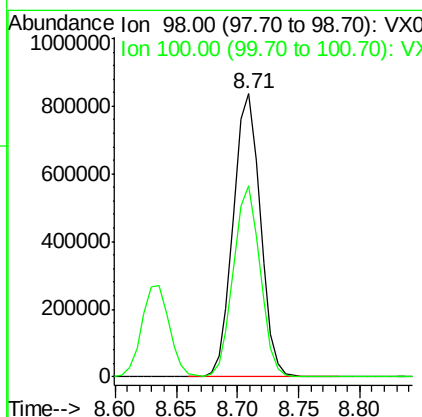
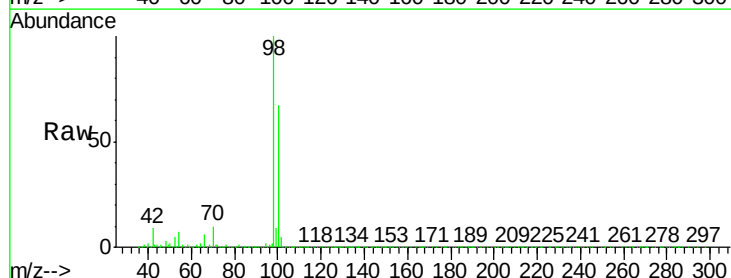
RT: 8.71 min Scan# 1283

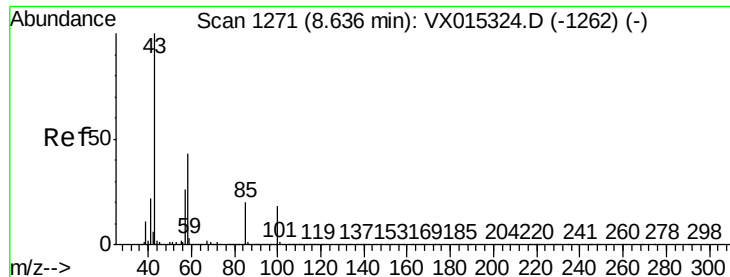
Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion:	98	Resp:	1279855
Ion Ratio		Lower	Upper
98	100		
100	66.5	53.0	79.6





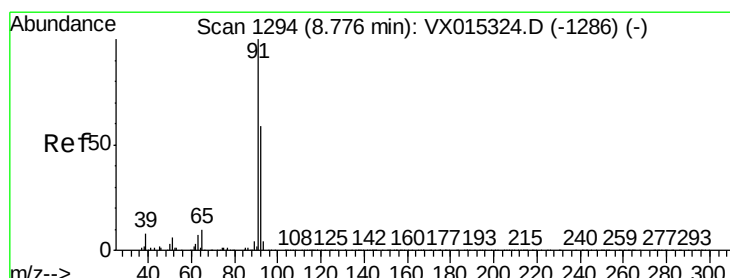
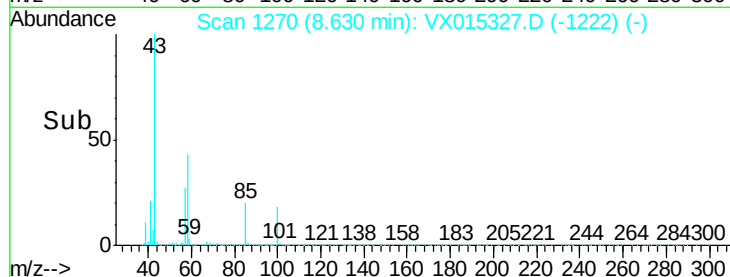
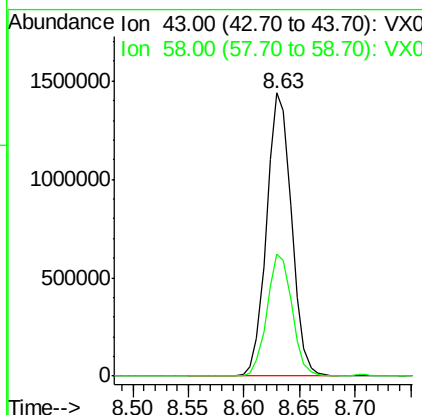
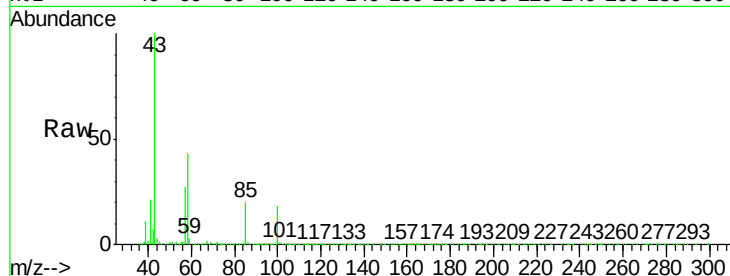
#51
4-Methyl-2-Pentanone
Concen: 253.123 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion: 43 Resp: 2257524
Ion Ratio Lower Upper
43 100
58 43.1 34.6 51.8

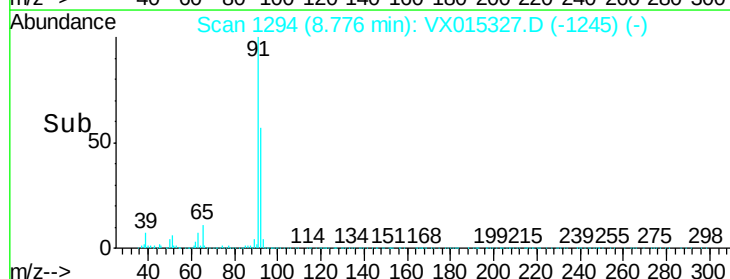
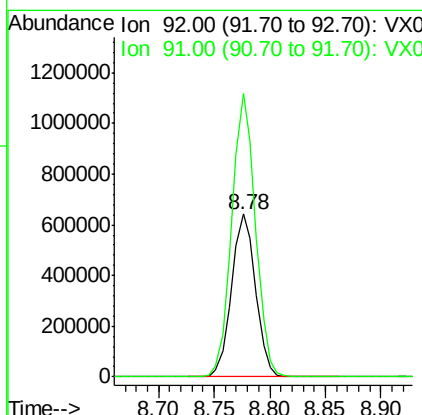
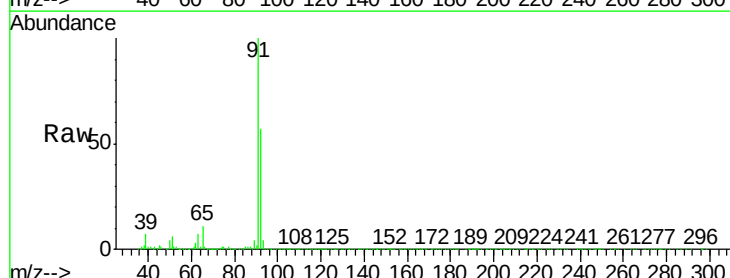
Manual Integrations
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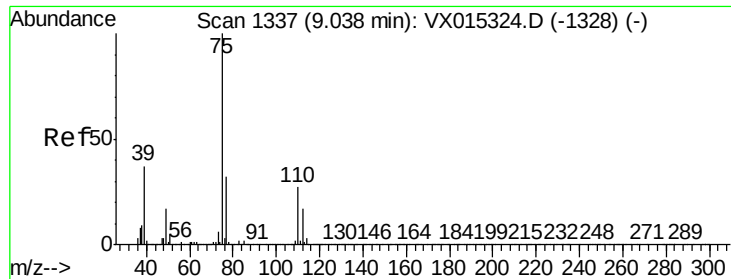
MMDadoda
3/19/2020 12:01:01 PM



#52
Toluene
Concen: 48.825 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 92 Resp: 955763
Ion Ratio Lower Upper
92 100
91 171.5 136.4 204.6





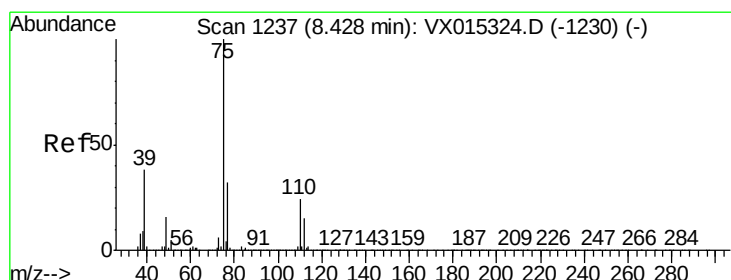
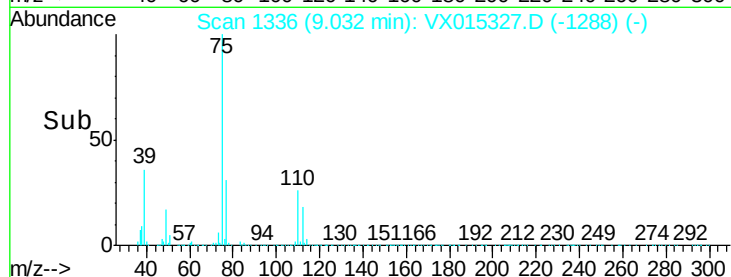
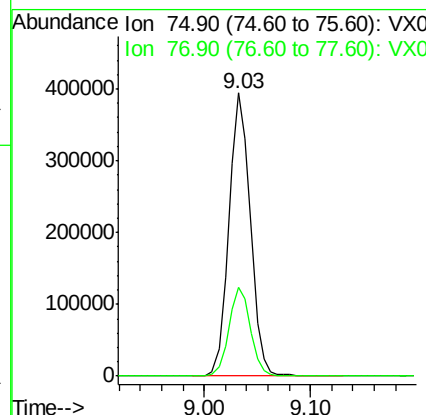
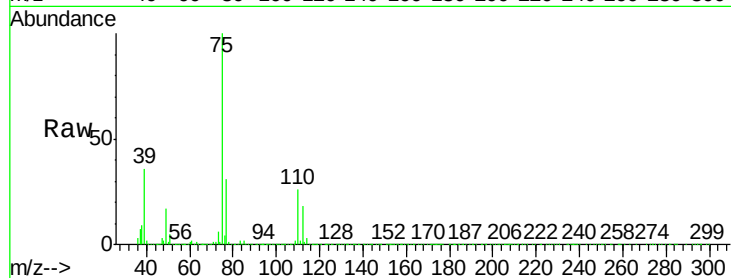
#53
t-1,3-Dichloropropene
Concen: 52.577 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.8

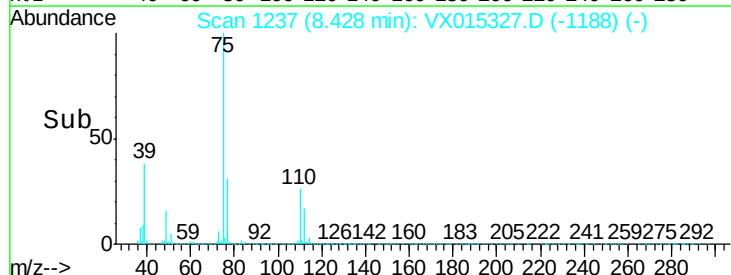
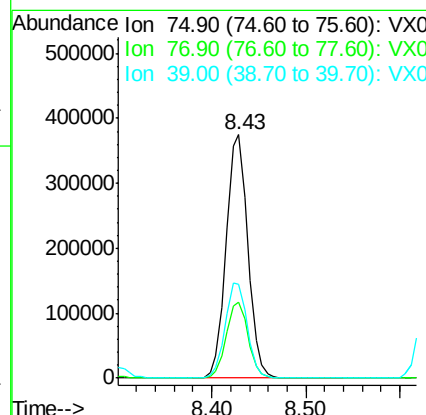
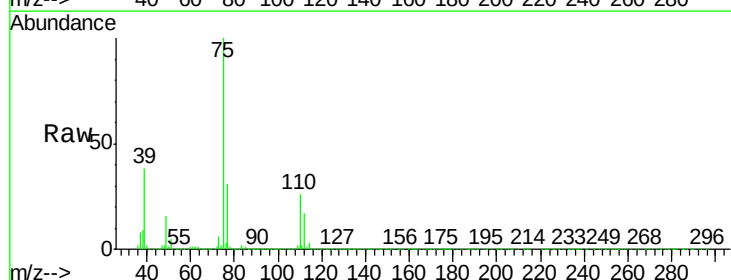
Manual Integrations
APPROVED

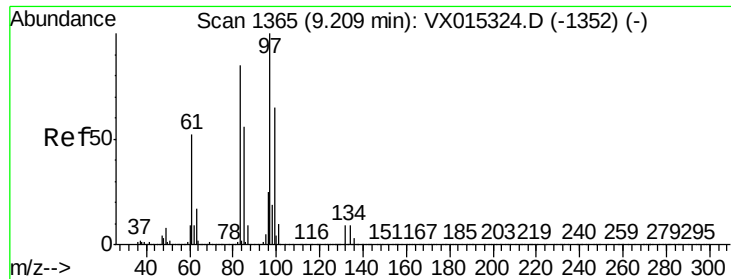
MMDadoda
3/19/2020 12:01:01 PM



#54
cis-1,3-Dichloropropene
Concen: 49.750 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	38.4	30.2	45.2





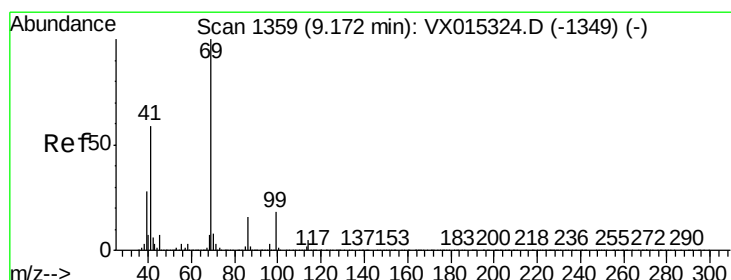
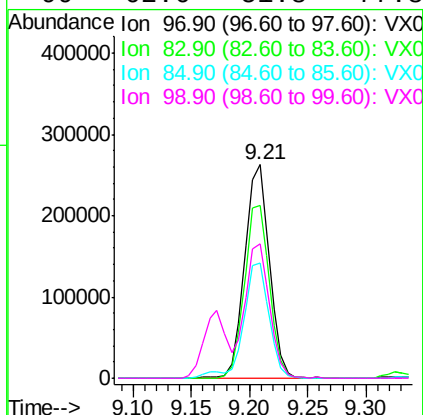
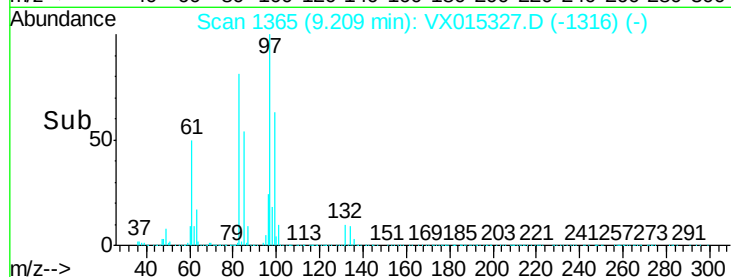
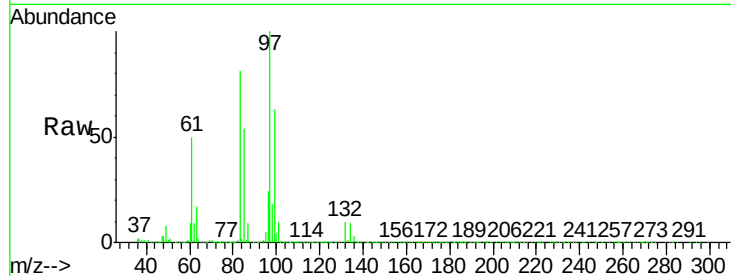
#55
1,1,2-Trichloroethane
Concen: 47.247 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		392146		
83	80.5	67.7	101.5		
85	54.1	44.5	66.7		
99	62.6	51.8	77.8		

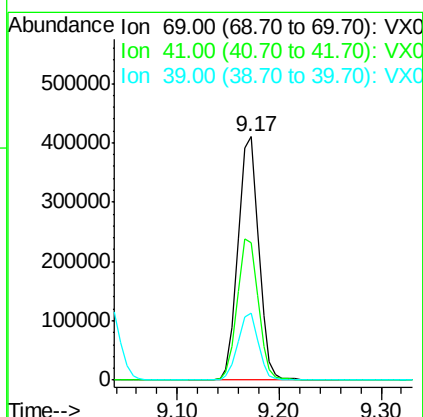
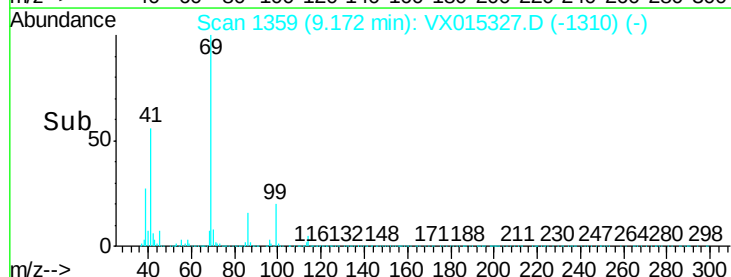
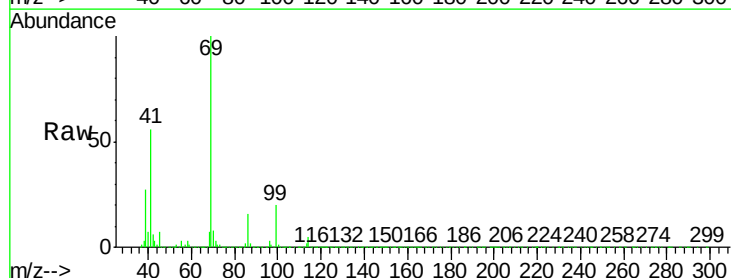
Manual Integrations
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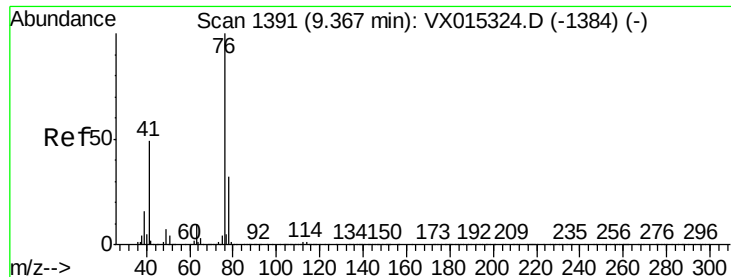
MMDadoda
3/19/2020 12:01:01 PM



#56
Ethyl methacrylate
Concen: 52.982 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		572771		
41	58.4	47.5	71.3		
39	27.4	23.0	34.4		





#57

1,3-Dichloropropane

Concen: 46.402 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

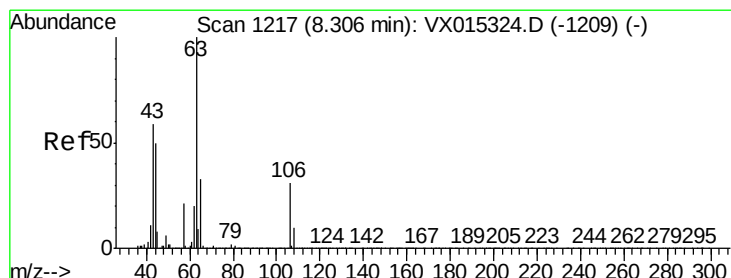
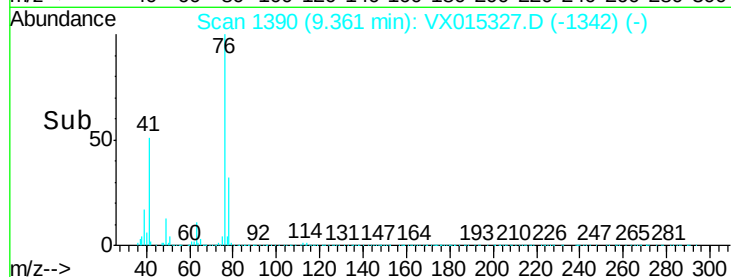
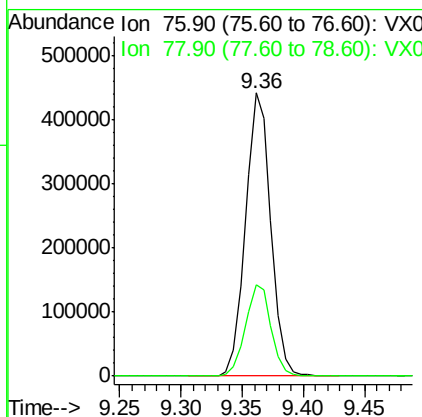
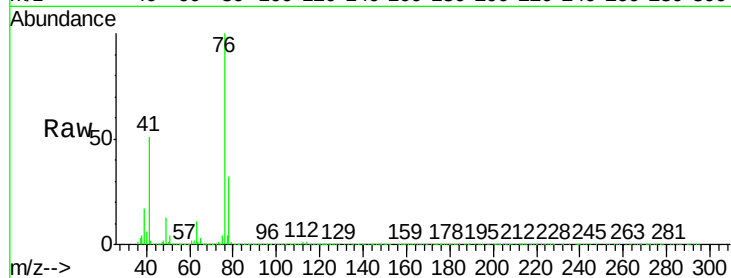
ClientSampleId :

ICVVX031820

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.5	38.3

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



#58

2-Chloroethyl Vinyl ether

Concen: 276.312 ug/l

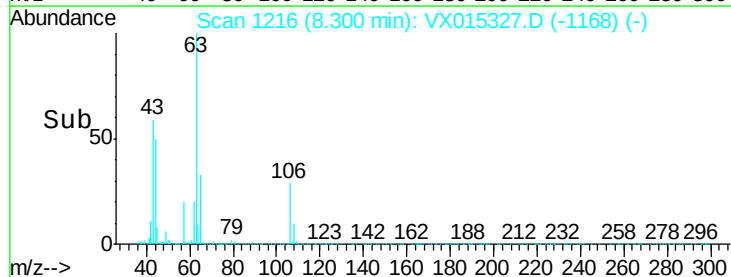
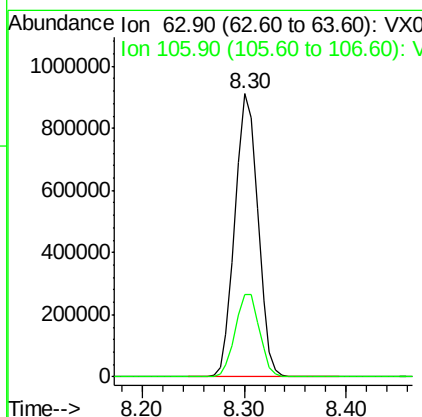
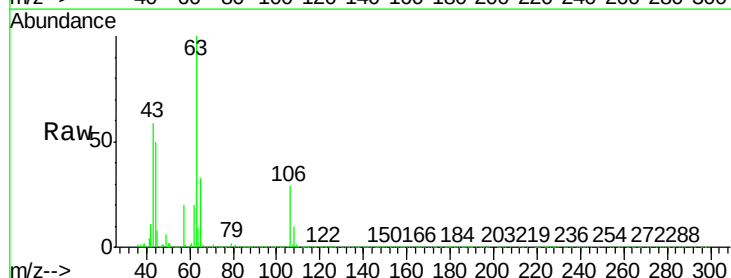
RT: 8.30 min Scan# 1216

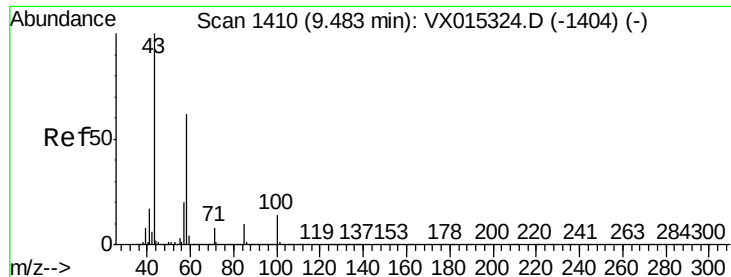
Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	24.3	36.5





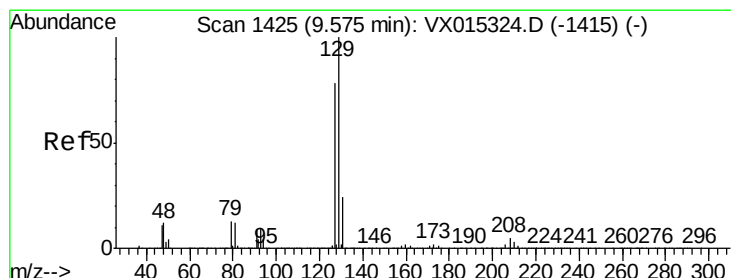
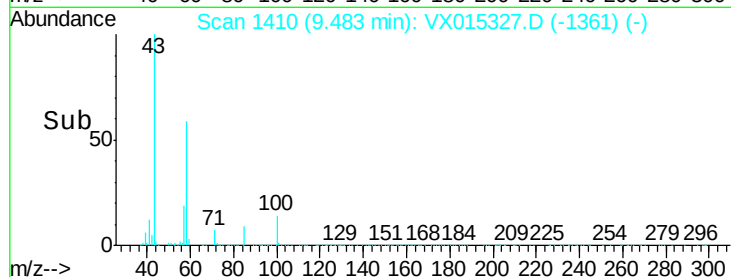
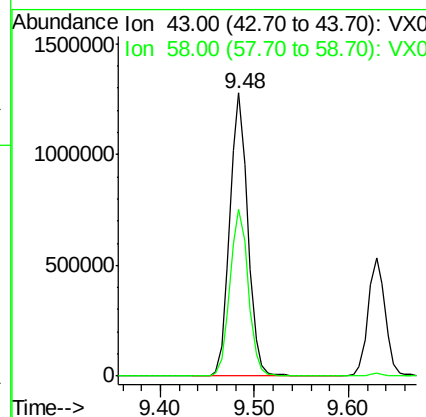
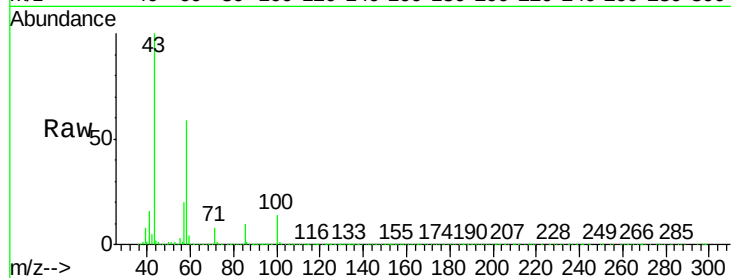
#59
2-Hexanone
Concen: 256.554 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampled :
ICVVX031820

Tot Ion: 43 Resp: 1700677
Ion Ratio Lower Upper
43 100
58 59.9 30.3 90.8

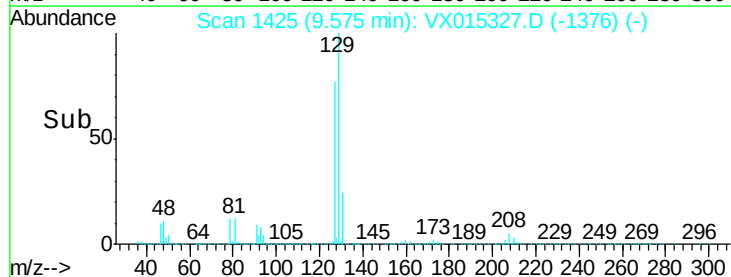
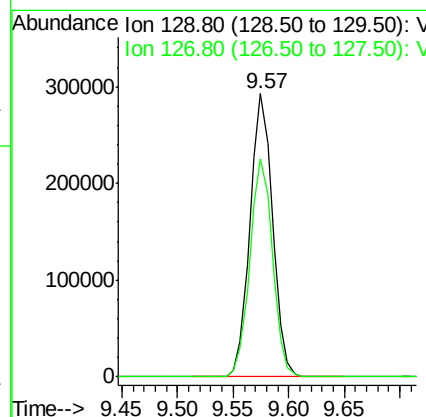
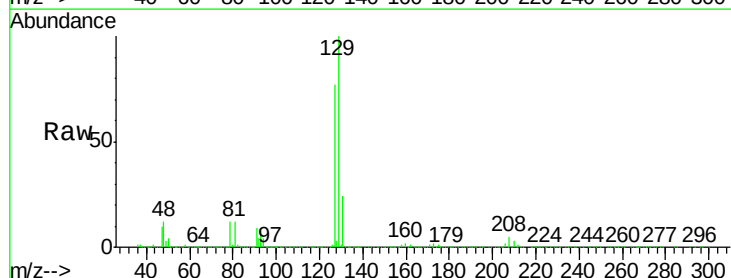
Manual Integrations
APPROVED

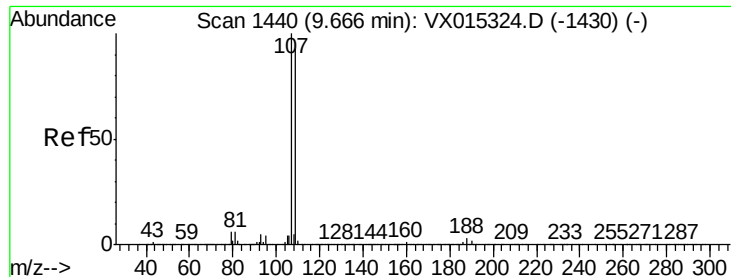
MMDadoda
3/19/2020 12:01:01 PM



#60
Dibromochloromethane
Concen: 51.195 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 129 Resp: 413711
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.9





#61

1,2-Dibromoethane

Concen: 48.580 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion: 107 Resp: 410692

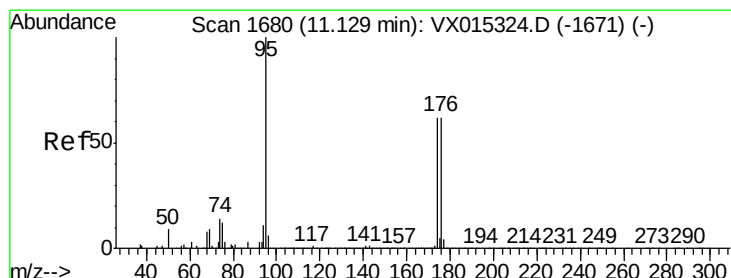
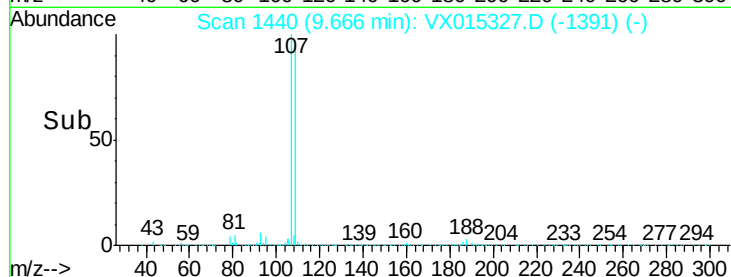
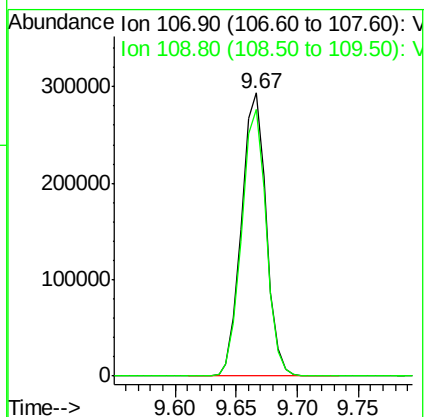
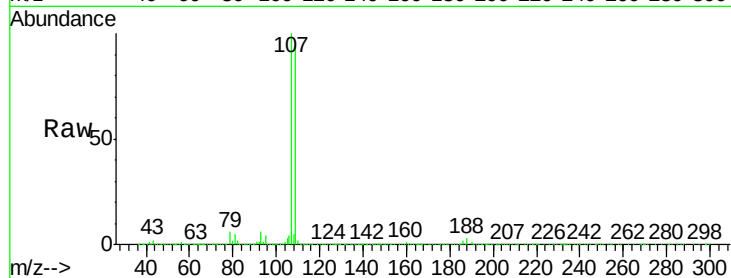
Ion Ratio Lower Upper

107 100

109 94.1 75.1 112.7

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



#62

4-Bromofluorobenzene

Concen: 45.726 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

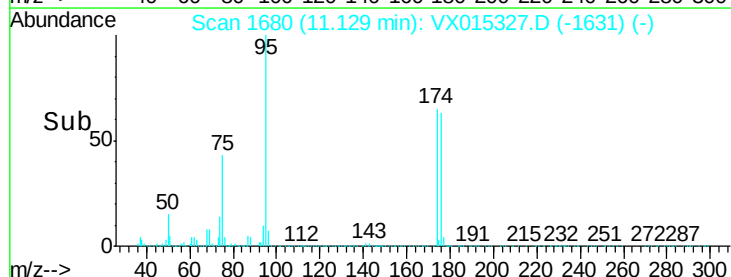
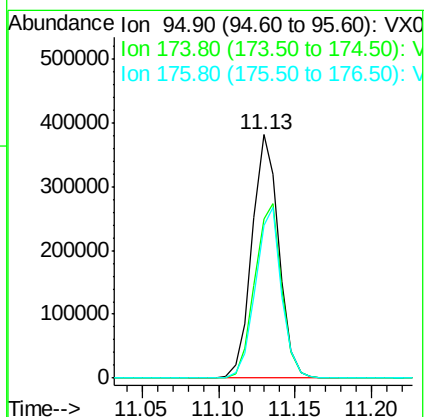
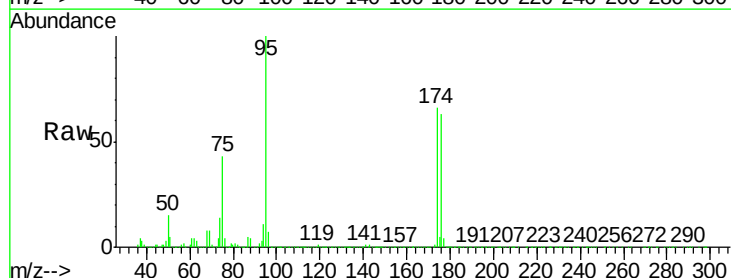
Tgt Ion: 95 Resp: 462820

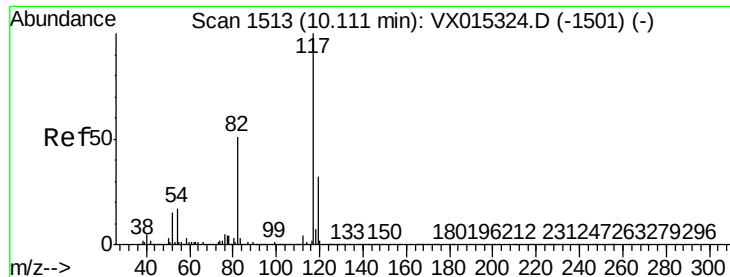
Ion Ratio Lower Upper

95 100

174 72.5 0.0 145.6

176 68.5 0.0 141.6





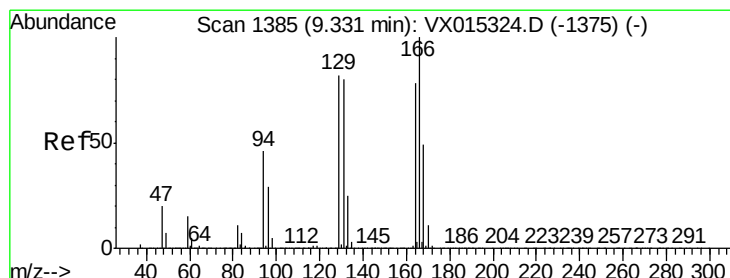
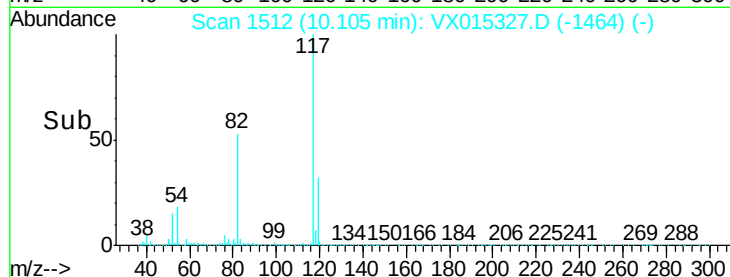
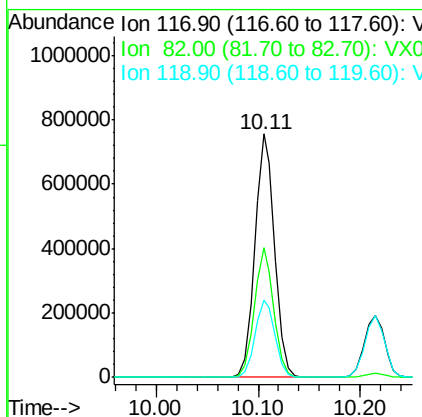
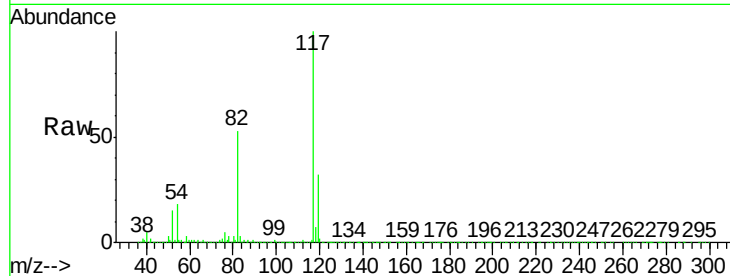
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.6	60.8
119	32.0	25.4	38.2

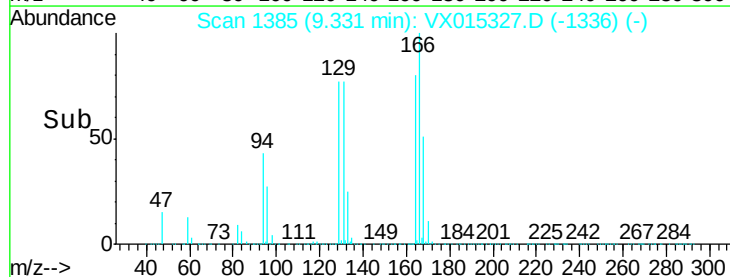
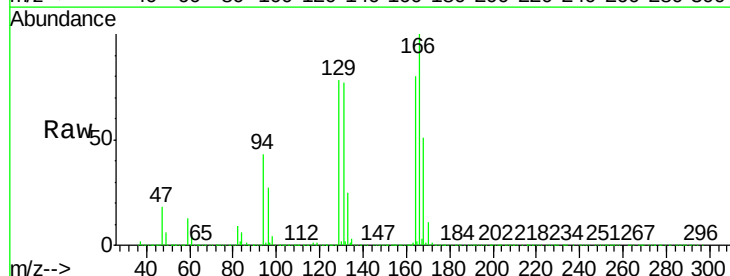
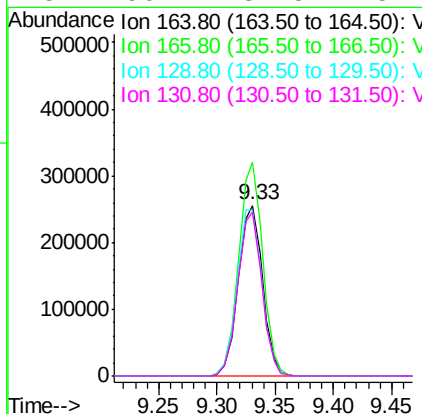
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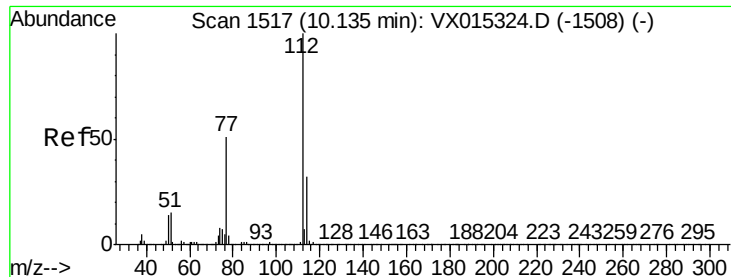
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#64
Tetrachloroethene
Concen: 50.018 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.6	153.8
129	96.9	84.5	126.7
131	96.2	82.5	123.7





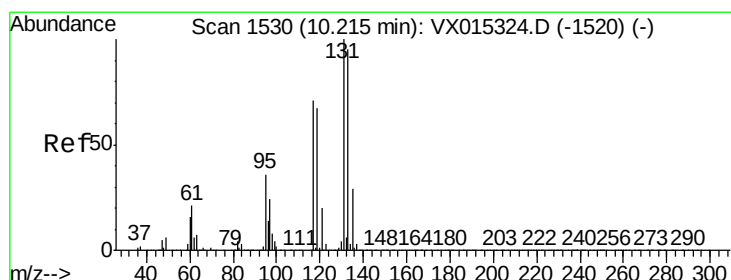
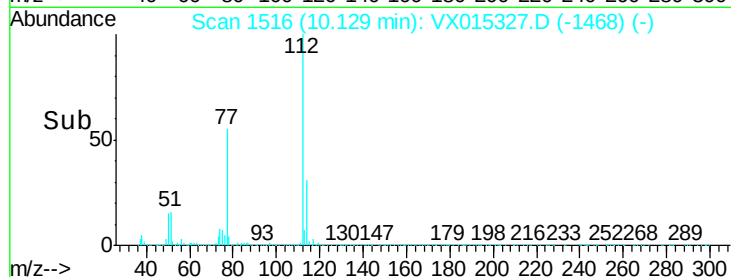
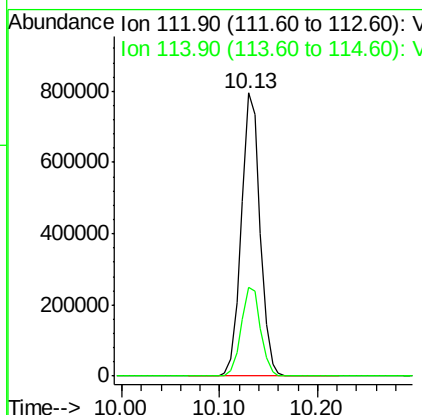
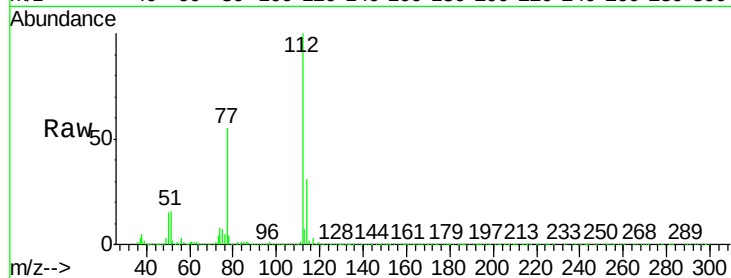
#65
Chlorobenzene
Concen: 49.053 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion:112 Resp: 1054979
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4

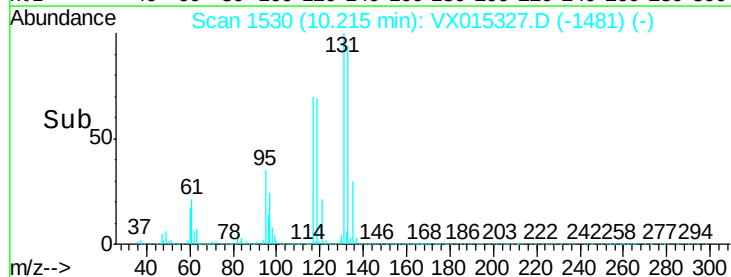
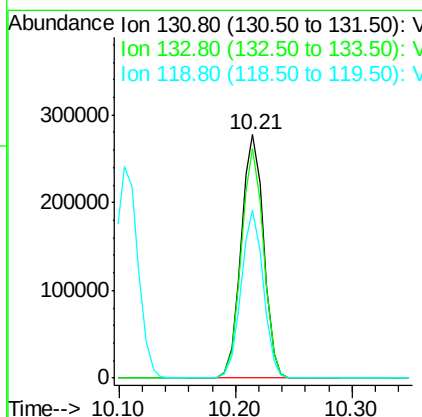
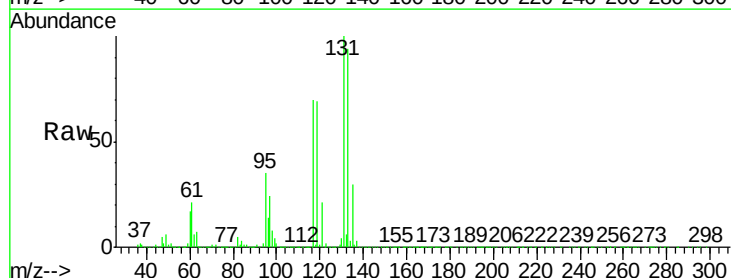
Manual Integrations
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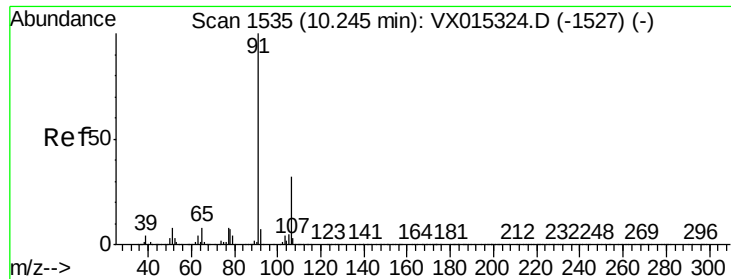
MMDadoda
3/19/2020 12:01:01 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.325 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion:131 Resp: 375485
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.4
119 67.7 33.8 101.3





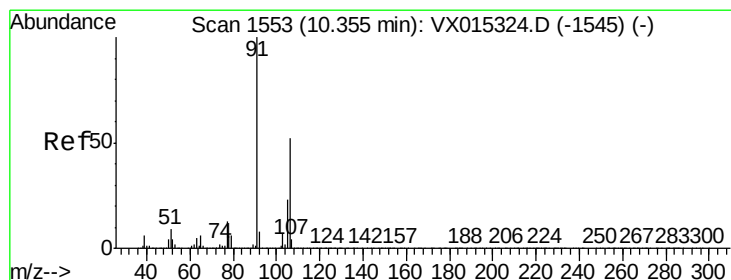
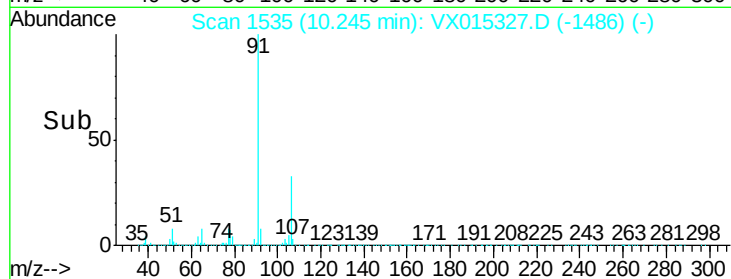
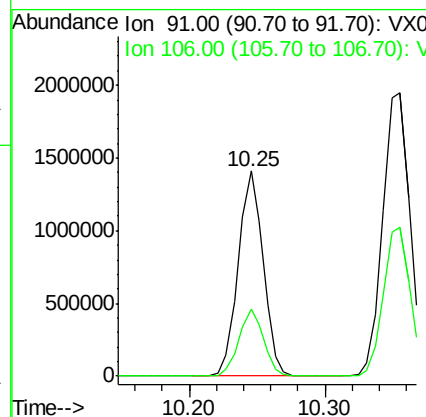
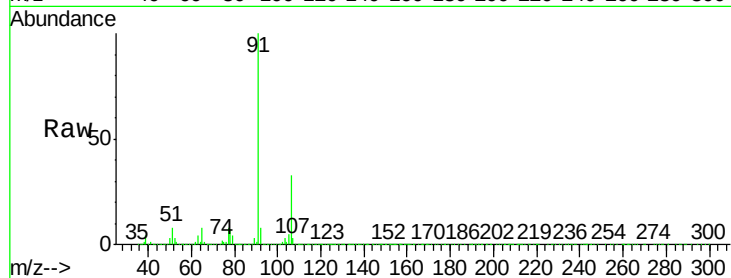
#67
Ethyl Benzene
Concen: 49.170 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion: 91 Resp: 1801393
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.6

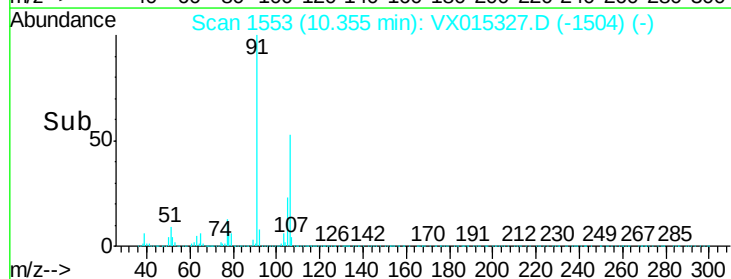
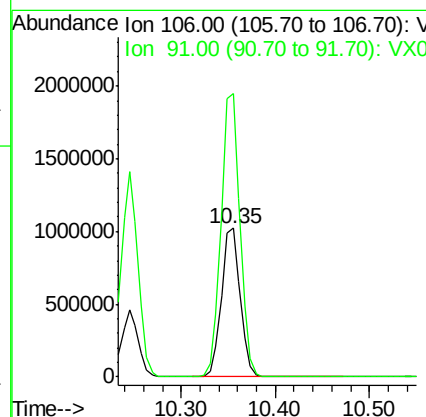
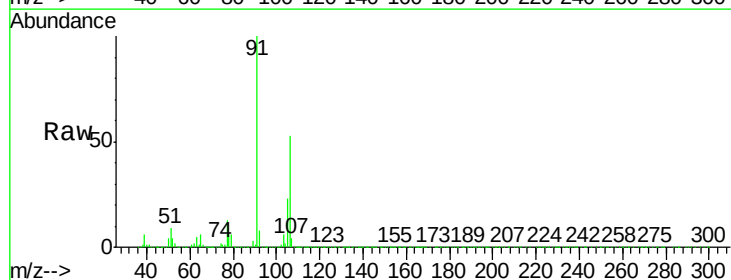
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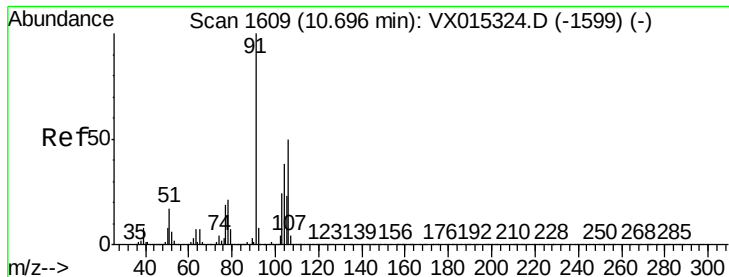
MMDadoda
3/19/2020 12:01:01 PM



#68
m/p-Xylenes
Concen: 100.588 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 106 Resp: 1405007
Ion Ratio Lower Upper
106 100
91 192.8 155.1 232.7





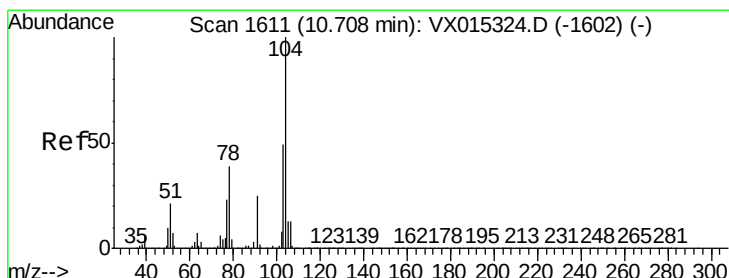
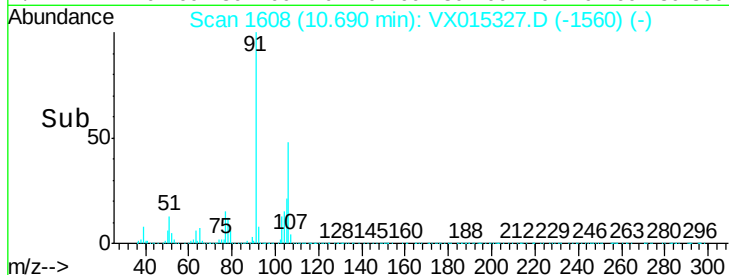
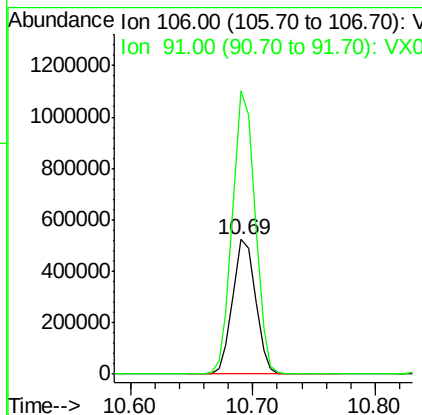
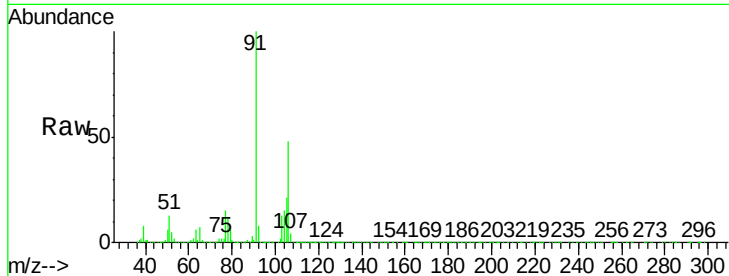
#69
o-Xylene
Concen: 50.477 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.6	102.3	306.9

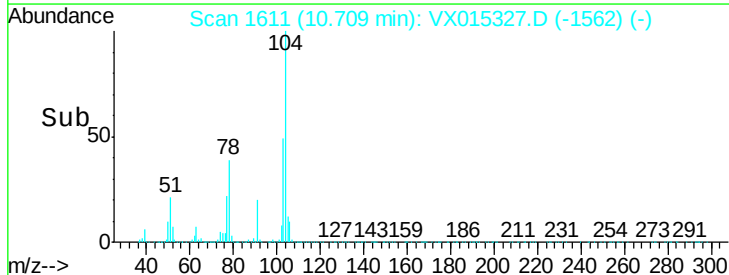
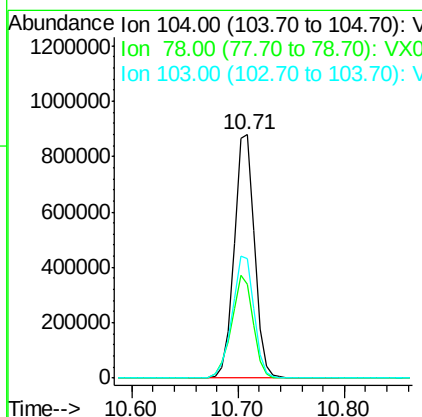
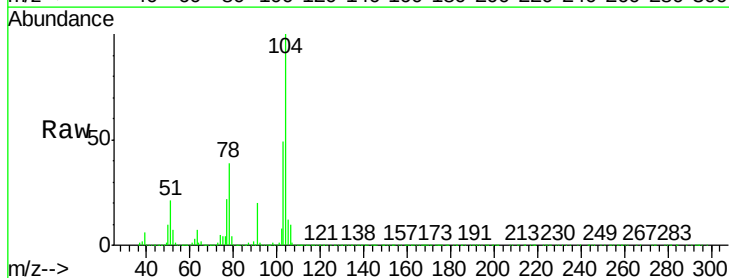
Manual Integrations
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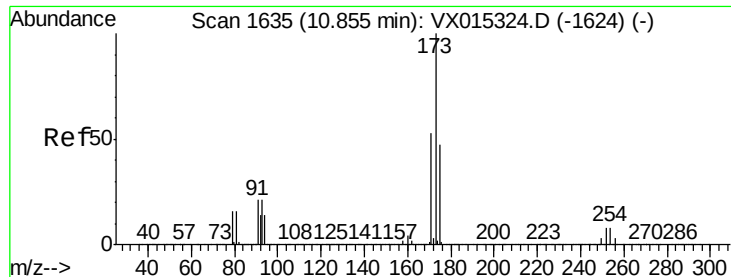
MMDadoda
3/19/2020 12:01:01 PM



#70
Styrene
Concen: 52.750 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.6	36.0	54.0
103	53.7	43.4	65.0





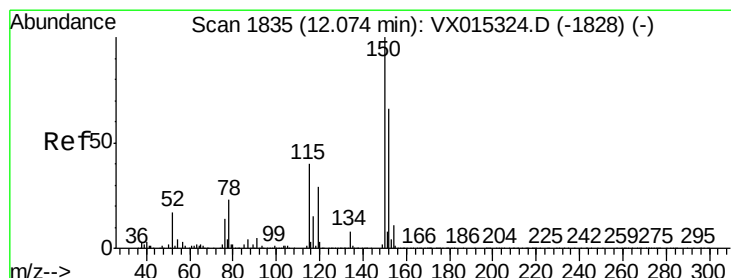
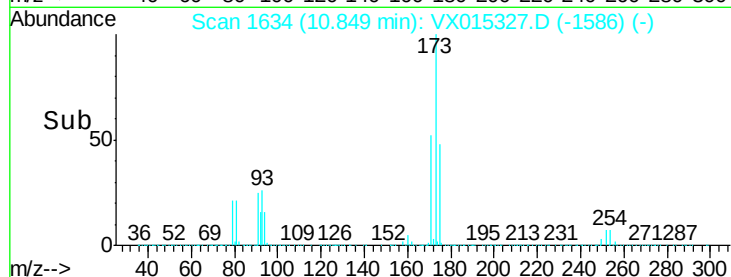
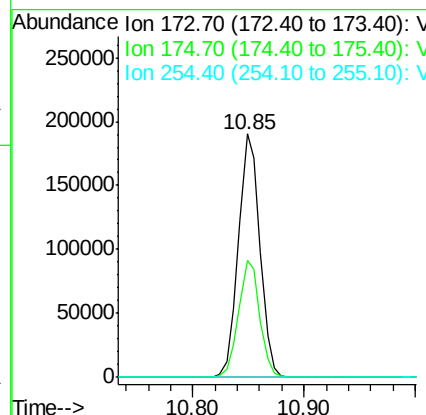
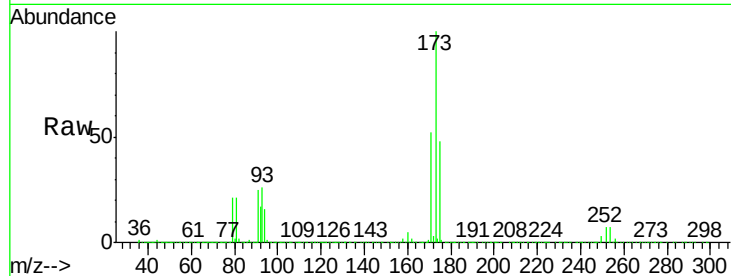
#71
Bromoform
Concen: 50.155 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.4	70.2
254	0.2	0.2	0.2

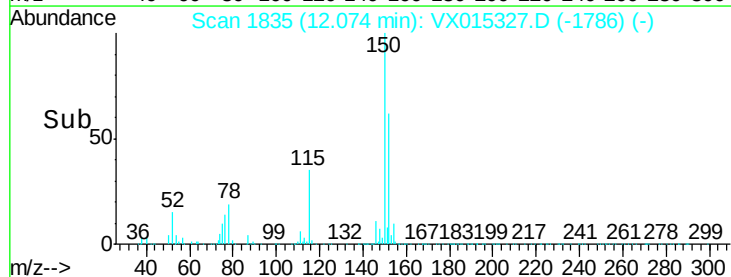
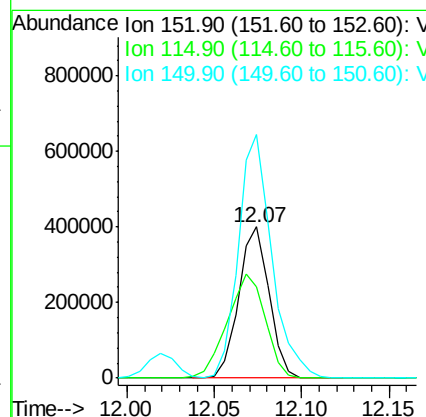
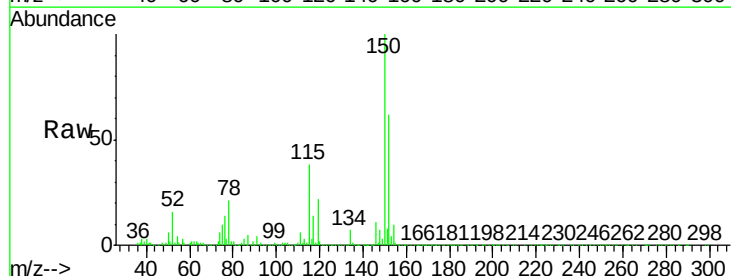
Manual Integrations
APPROVED

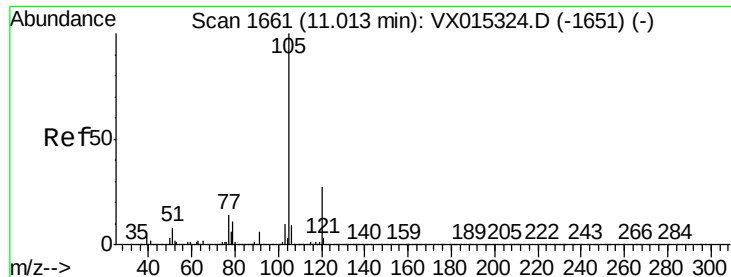
MMDadoda
3/19/2020 12:01:01 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.5	41.9	125.8
150	176.9	0.0	347.6





#73

Isopropylbenzene

Concen: 49.931 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031820

Tot Ion:105 Resp: 1814446

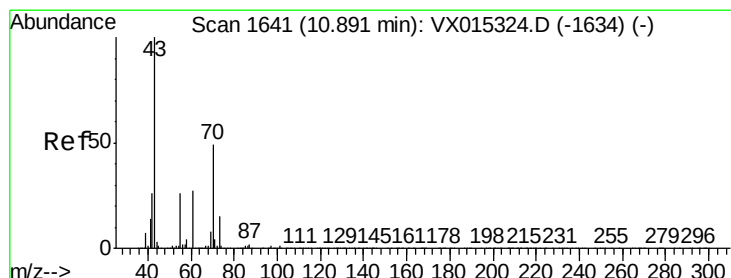
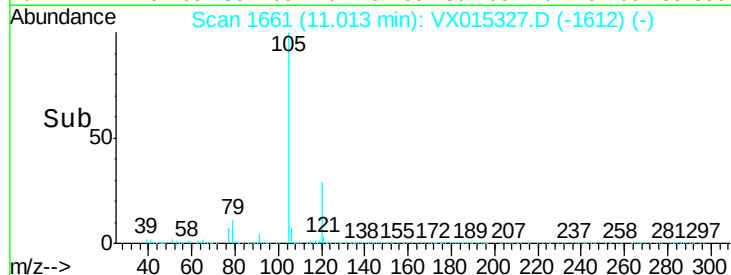
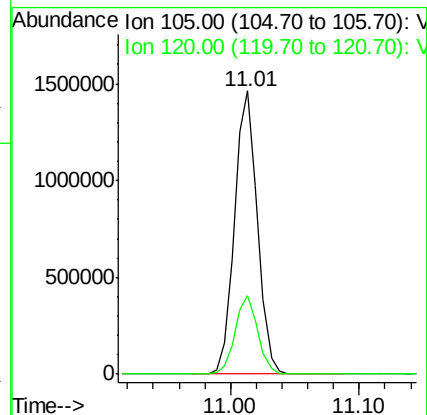
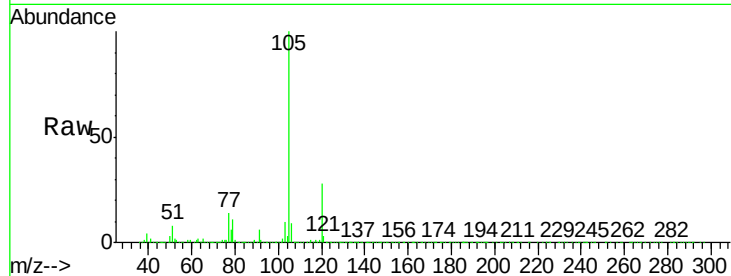
Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.6

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



#74

N-ethyl acetate

Concen: 52.532 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion: 43 Resp: 652554

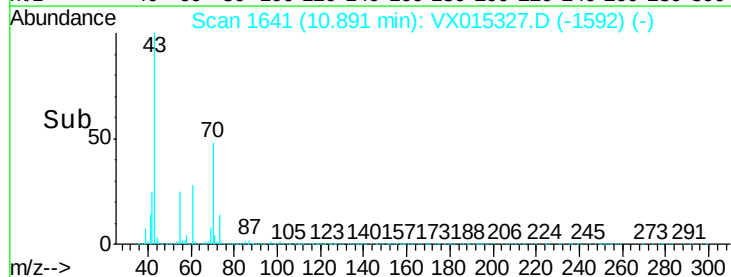
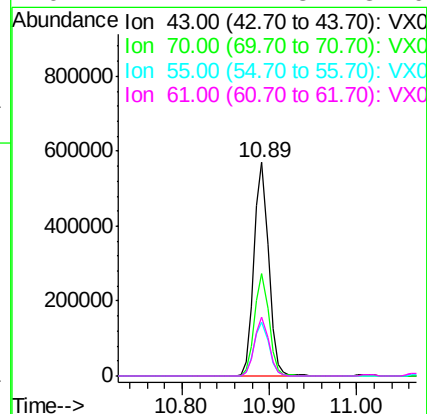
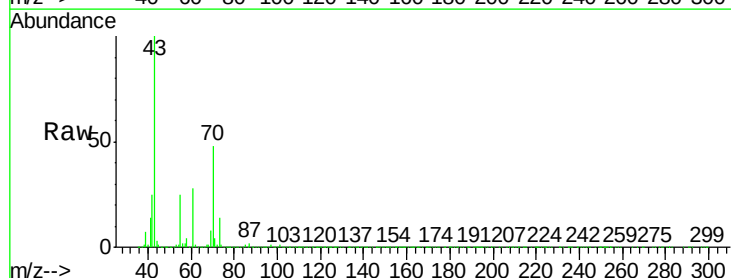
Ion Ratio Lower Upper

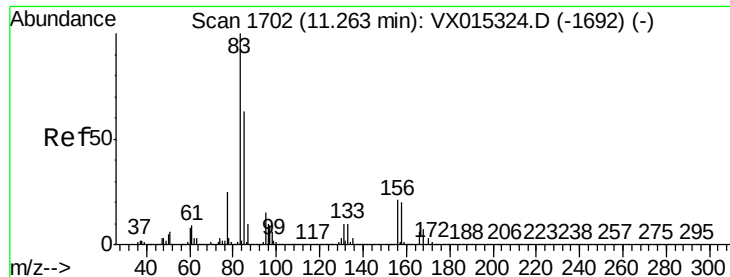
43 100

70 47.4 38.6 58.0

55 25.6 21.2 31.8

61 27.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.302 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

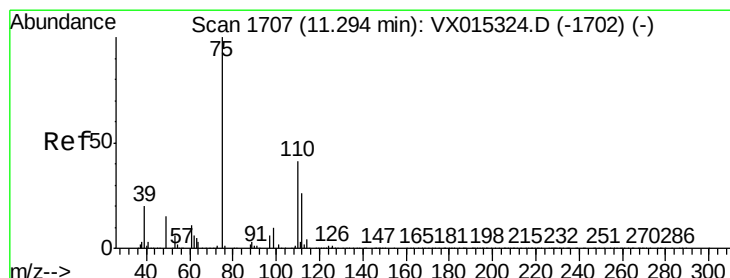
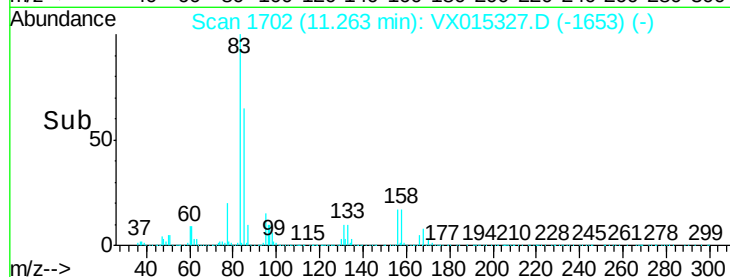
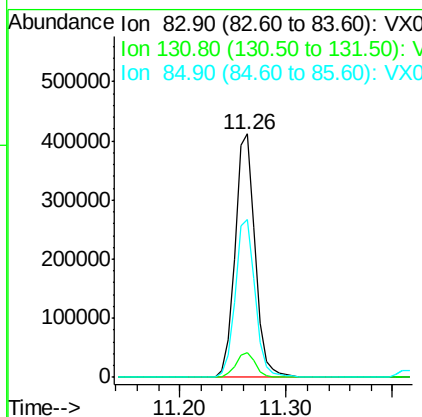
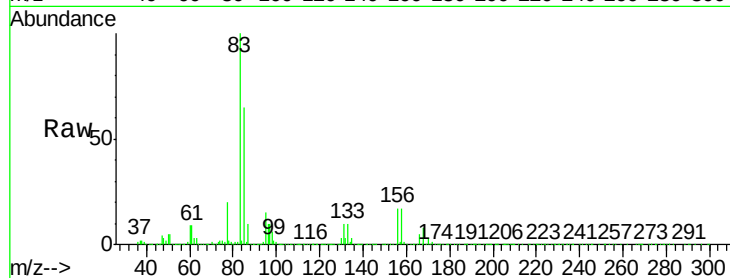
ClientSampled :

ICVVX031820

Tot Ion:	83	Resp:	543483
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	64.6	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 46.002 ug/l m

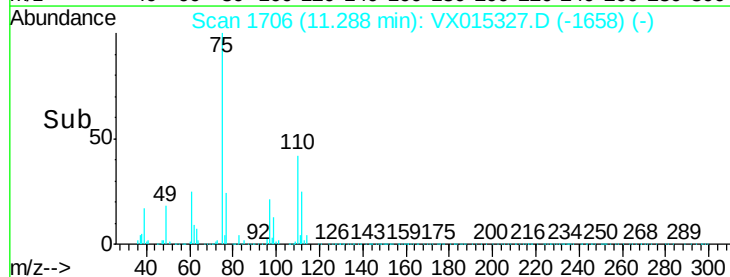
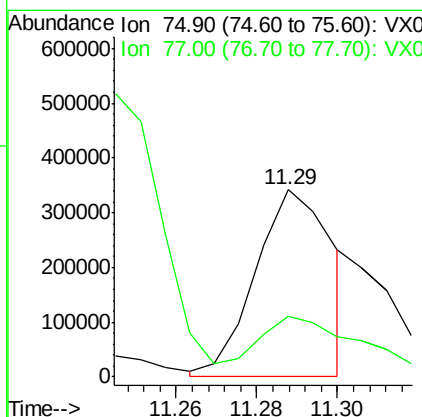
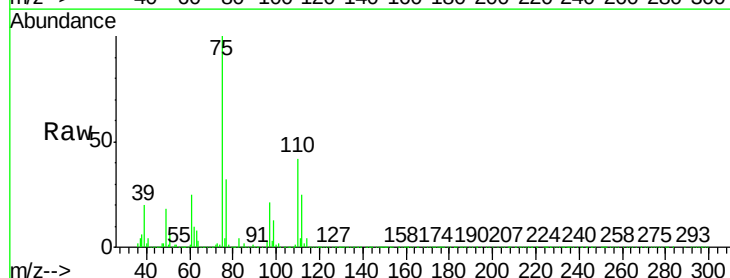
RT: 11.29 min Scan# 1706

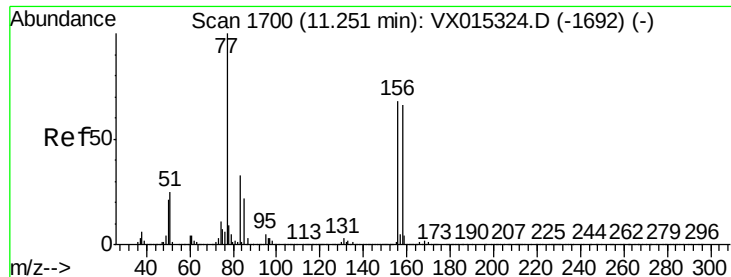
Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion:	75	Resp:	453733
Ion Ratio	Lower	Upper	
75	100		
77	43.8	21.2	63.6





#77

Bromobenzene

Concen: 47.465 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

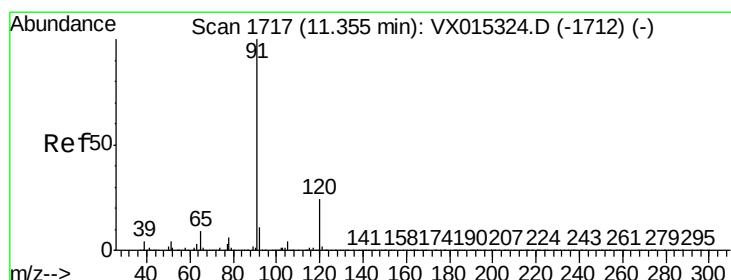
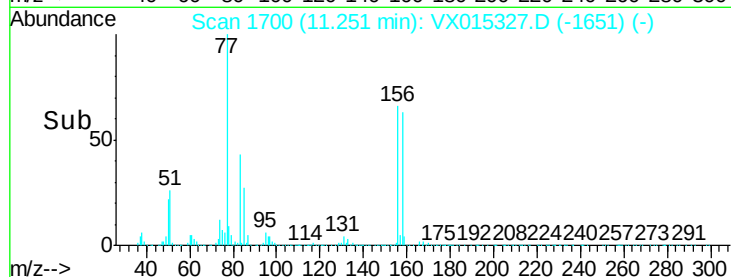
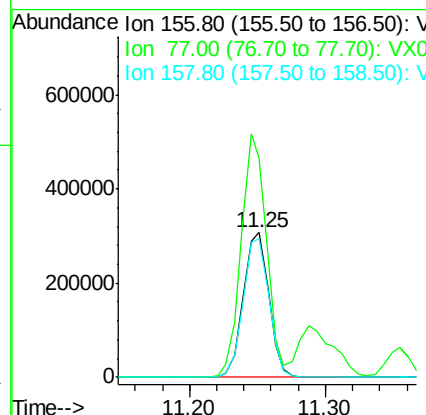
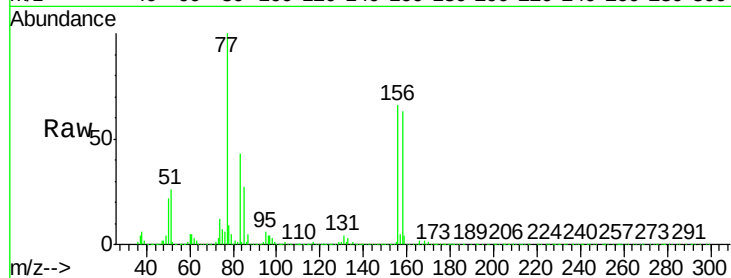
ClientSampleId :

ICVVX031820

Tot Ion:	156	Resp:	400695
Ion Ratio	Lower	Upper	
156	100		
77	166.5	81.4	244.2
158	97.3	48.6	145.9

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



#78

n-propylbenzene

Concen: 51.133 ug/l

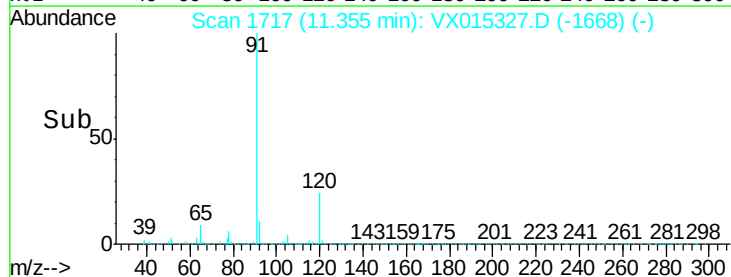
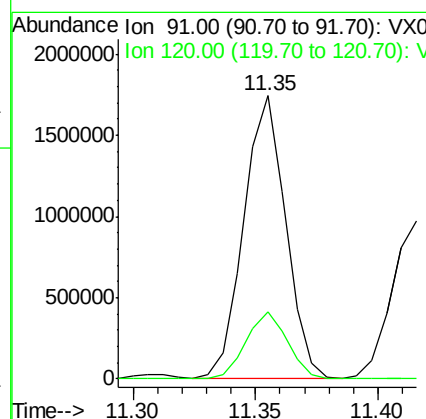
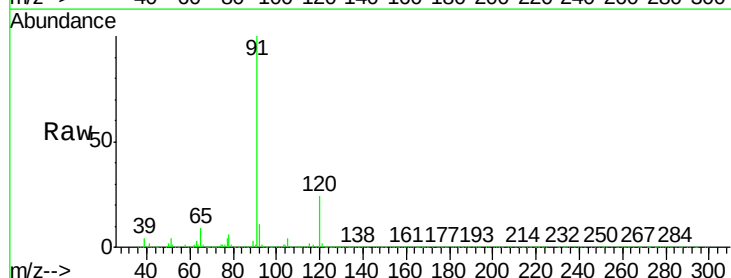
RT: 11.35 min Scan# 1717

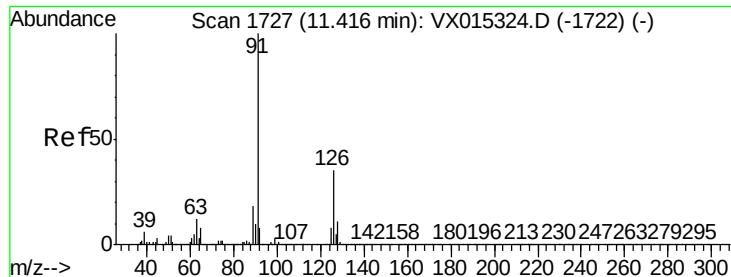
Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion:	91	Resp:	2072129
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





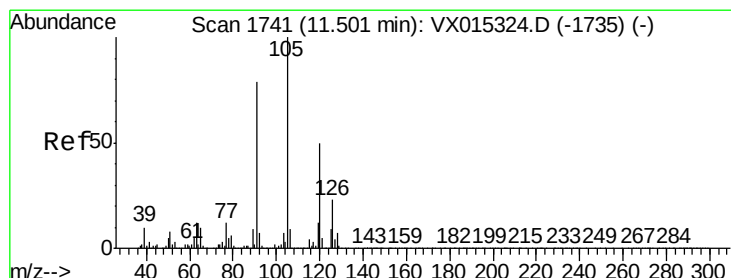
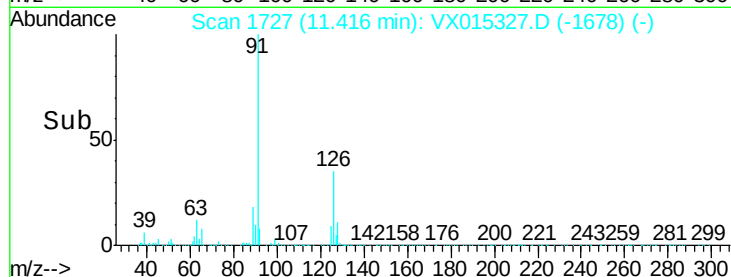
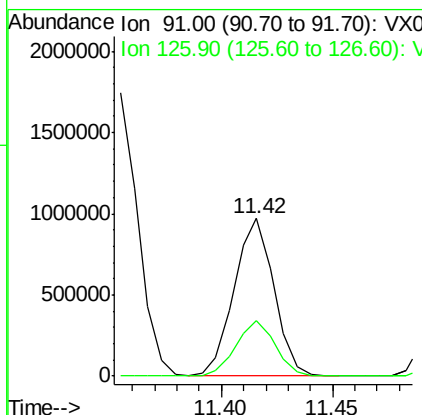
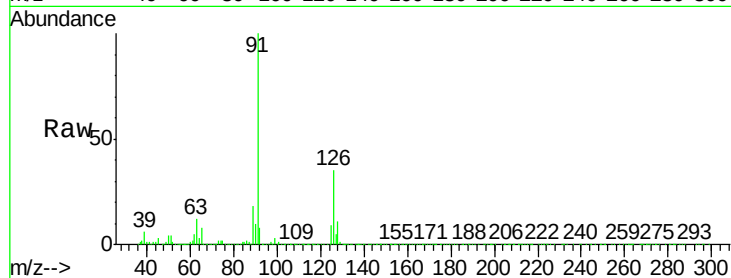
#79
2-Chlorotoluene
Concen: 49.614 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion: 91 Resp: 1206939
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6

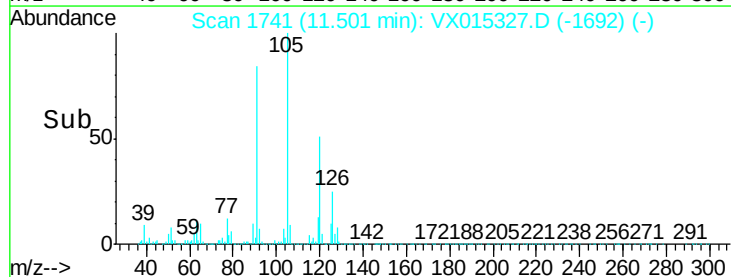
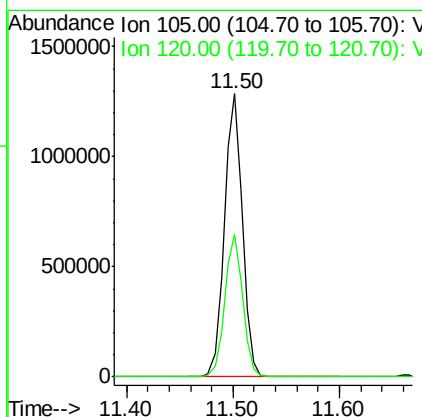
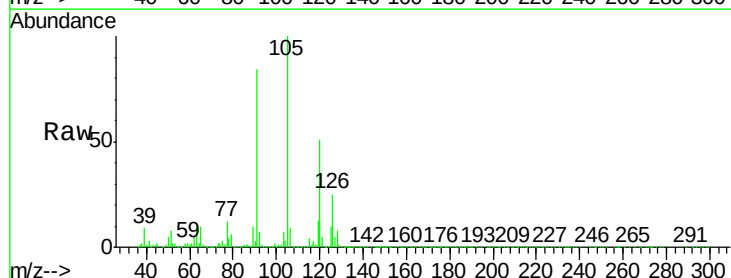
Manual Integrations
APPROVED

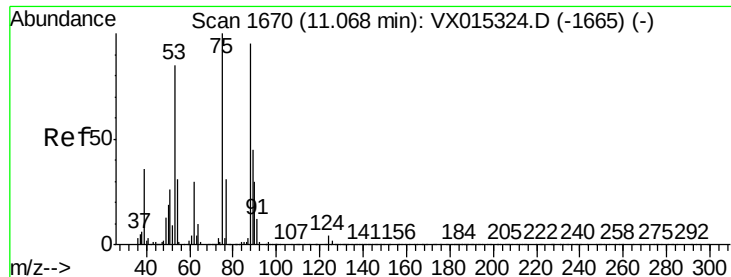
MMDadoda
3/19/2020 12:01:01 PM



#80
1,3,5-Trimethylbenzene
Concen: 52.248 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 105 Resp: 1513473
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.799 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Instrument :

MSVOA_X

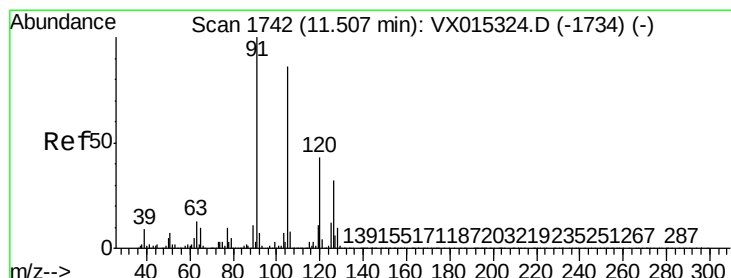
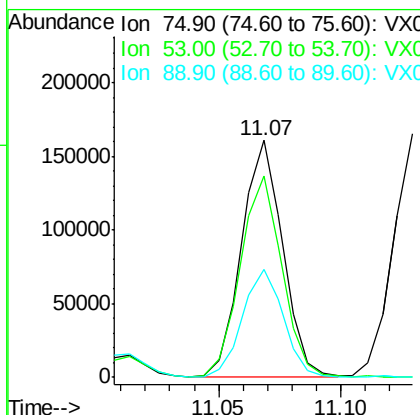
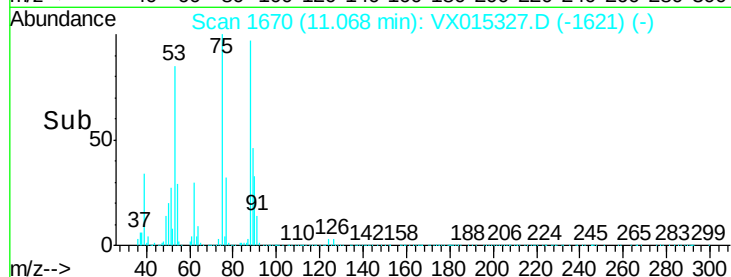
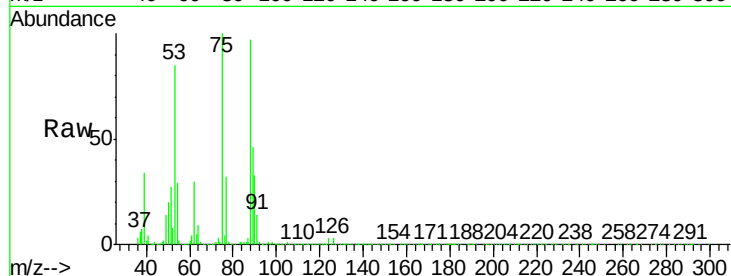
ClientSampleId :

ICVVX031820

Tot Ion:	75	Resp:	186896
Ion Ratio	Lower	Upper	
75	100		
53	86.3	68.0	102.0
89	45.3	37.1	55.7

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



#82

4-Chlorotoluene

Concen: 51.035 ug/l

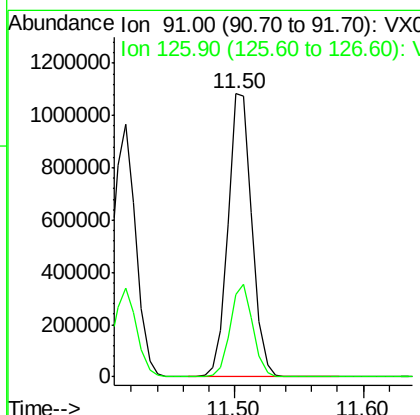
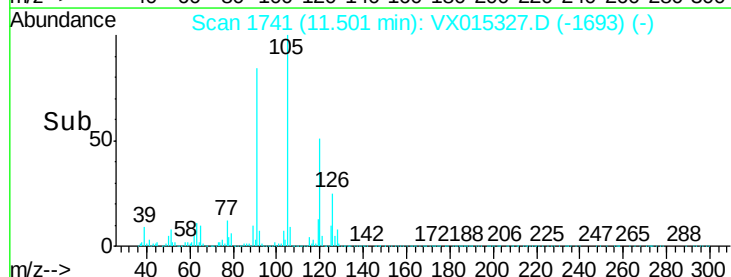
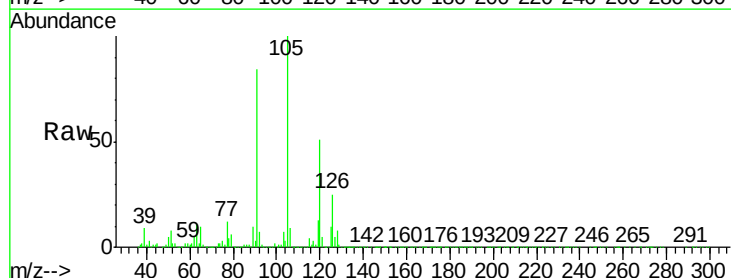
RT: 11.50 min Scan# 1741

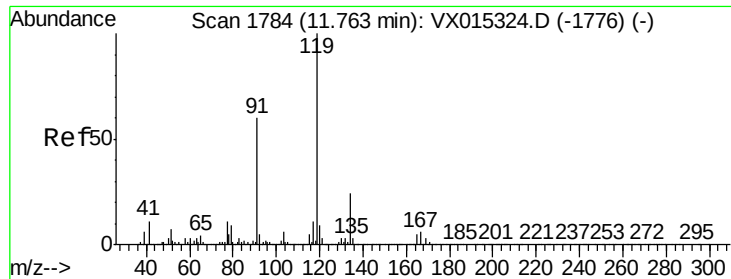
Delta R.T. -0.01 min

Lab File: VX015327.D

Acq: 18 Mar 2020 15:22

Tgt Ion:	91	Resp:	1410710
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.4	46.2





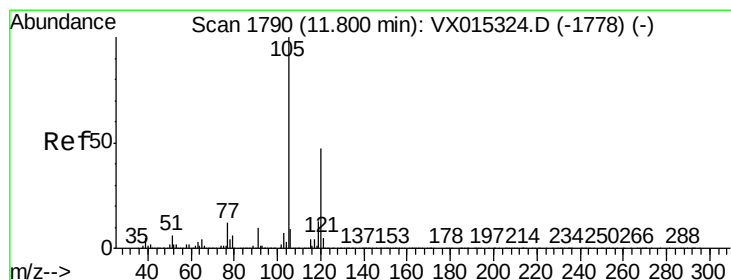
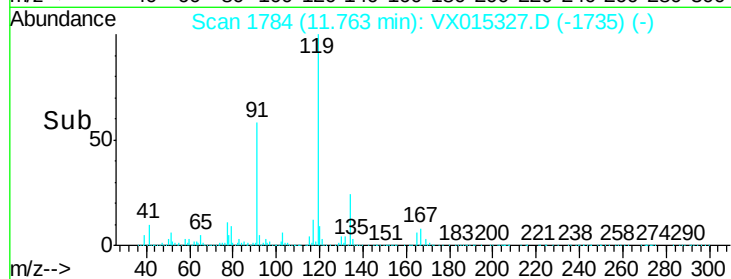
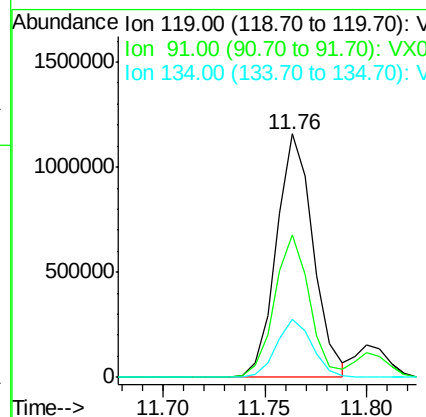
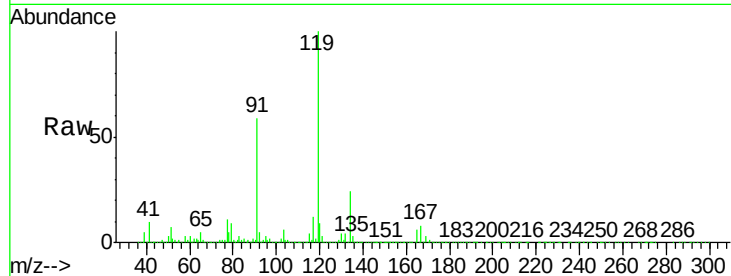
#83
tert-Butylbenzene
Concen: 51.068 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	28.1	84.4
134	23.2	11.6	34.8

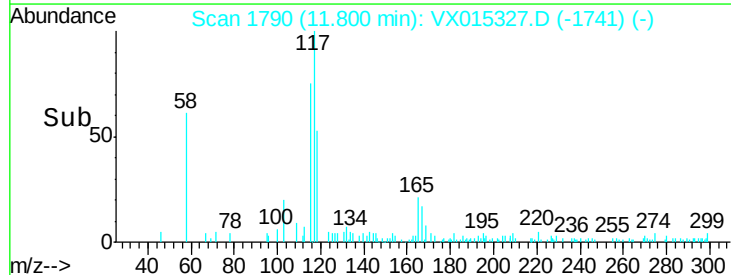
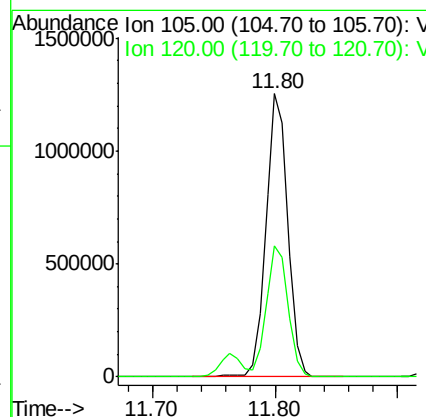
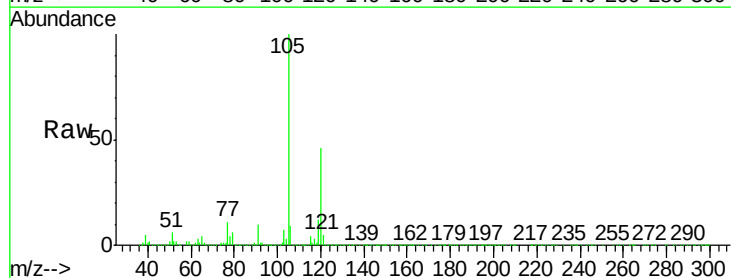
Manual Integrations
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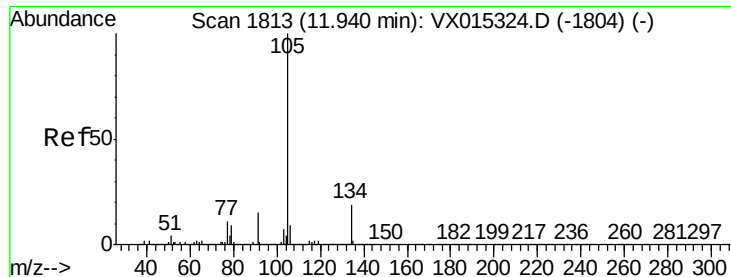
MMDadoda
3/19/2020 12:01:01 PM



#84
1,2,4-Trimethylbenzene
Concen: 51.867 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2





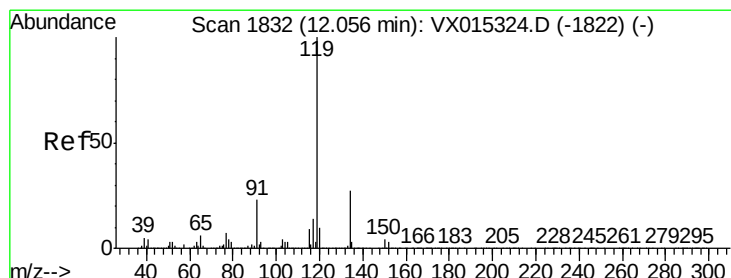
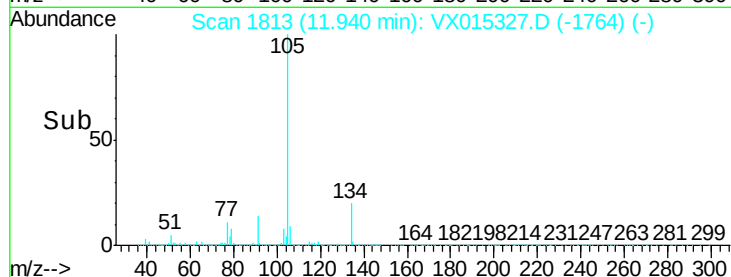
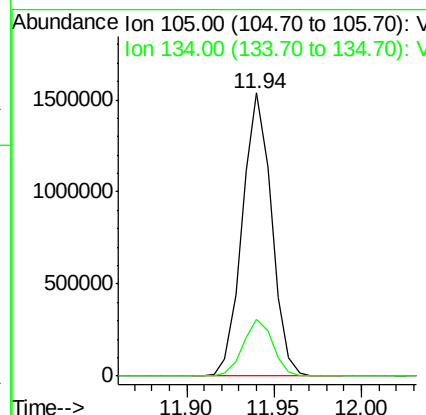
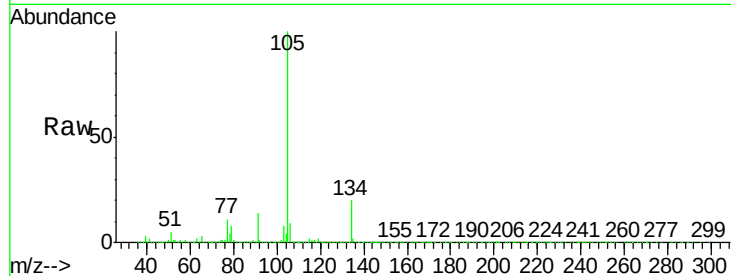
#85
 sec-Butylbenzene
 Concen: 51.618 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031820

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.8	29.5

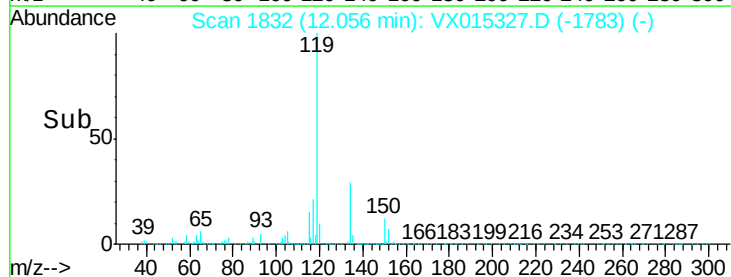
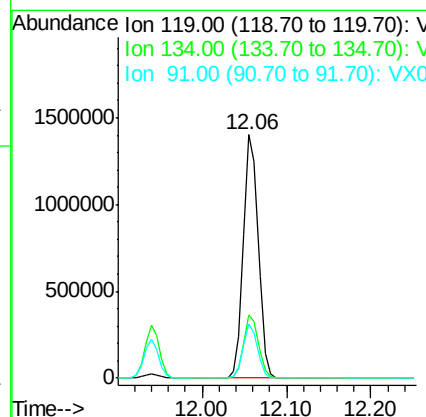
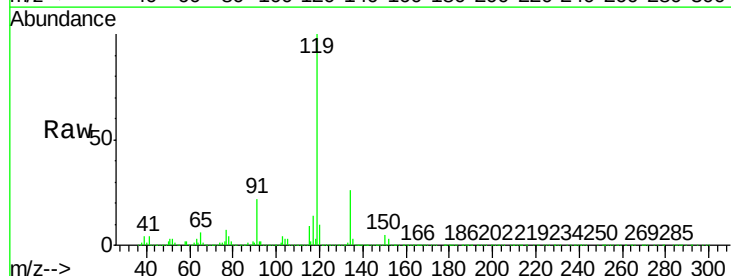
Manual Integrations
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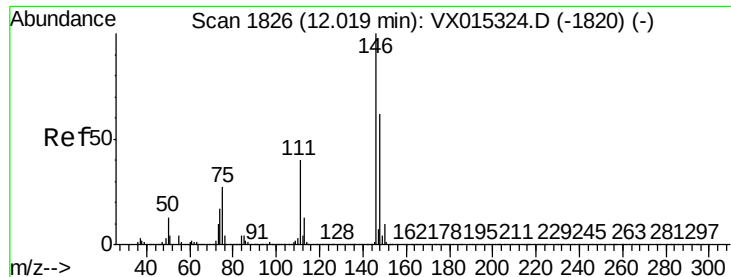
MMDadoda
 3/19/2020 12:01:01 PM



#86
 p-Isopropyltoluene
 Concen: 53.939 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.2	39.6
91	21.6	11.0	33.0





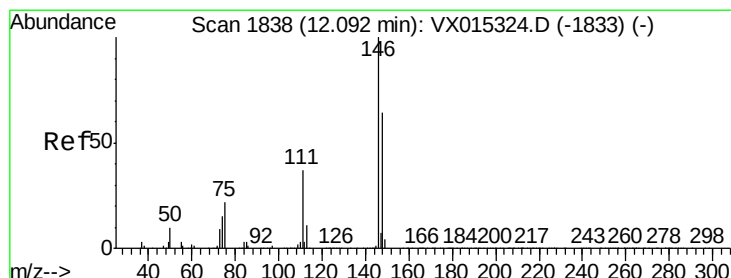
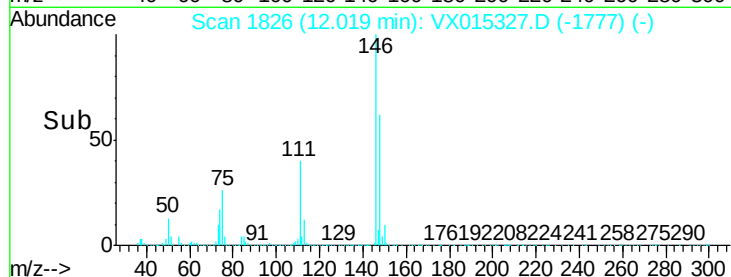
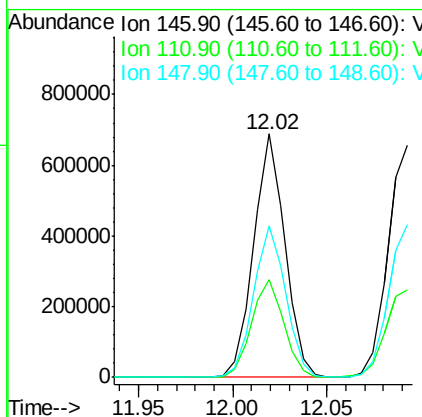
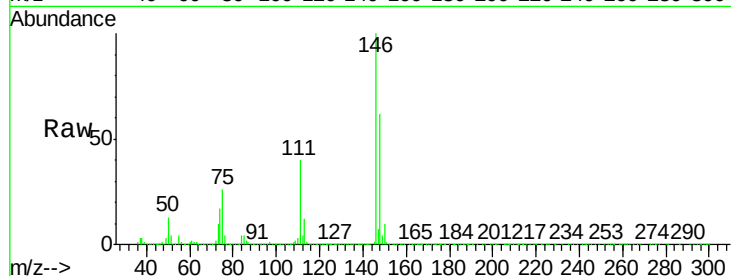
#87
 1,3-Dichlorobenzene
 Concen: 49.573 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031820

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	61.0
148	63.9	31.4	94.3

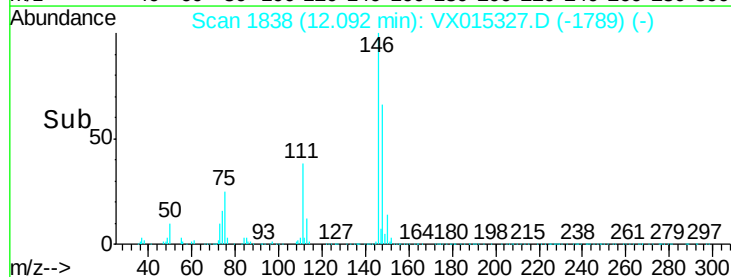
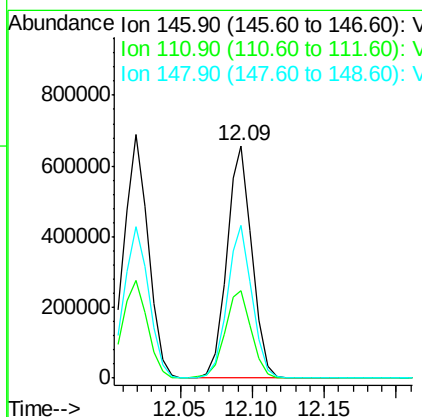
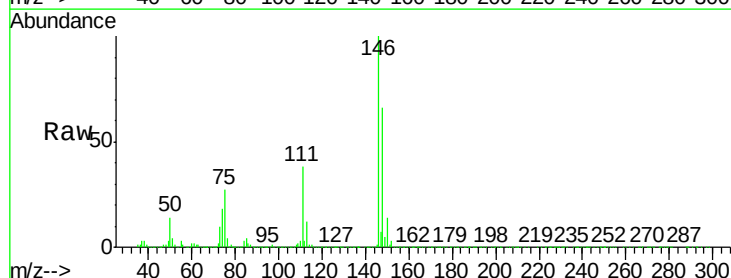
Manual Integrations
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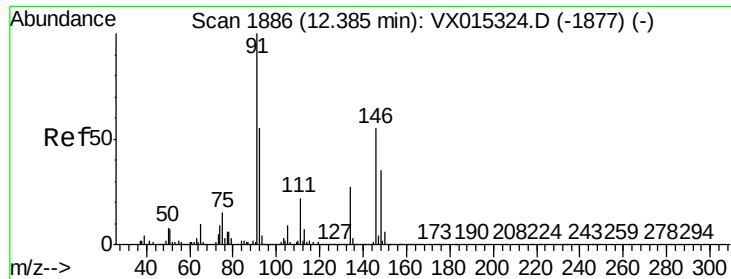
MMDadoda
 3/19/2020 12:01:01 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.973 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	65.0	32.0	96.0





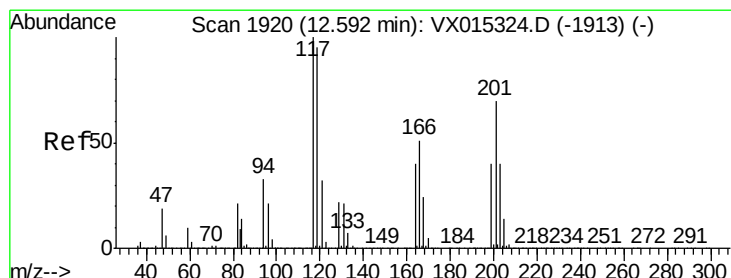
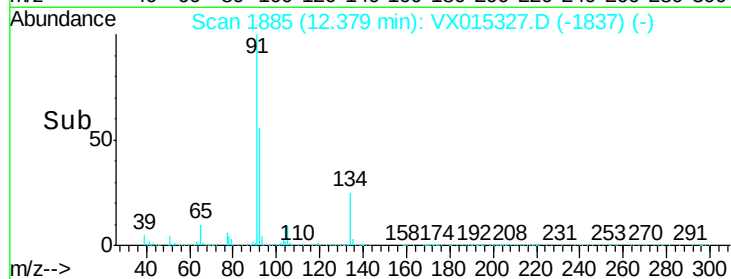
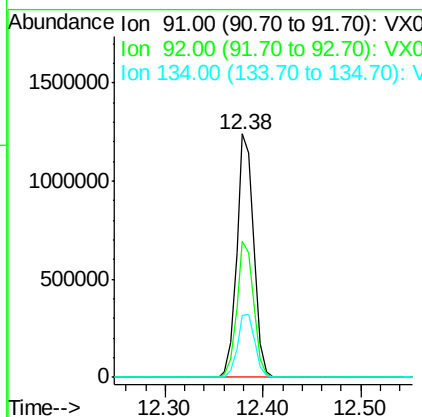
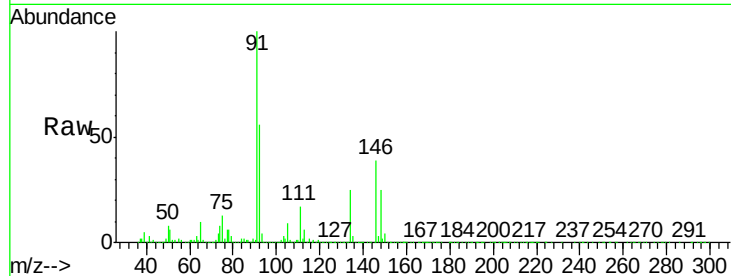
#89
n-Butylbenzene
Concen: 50.564 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion: 91 Resp: 1468790
Ion Ratio Lower Upper
91 100
92 55.4 27.5 82.4
134 26.7 13.2 39.6

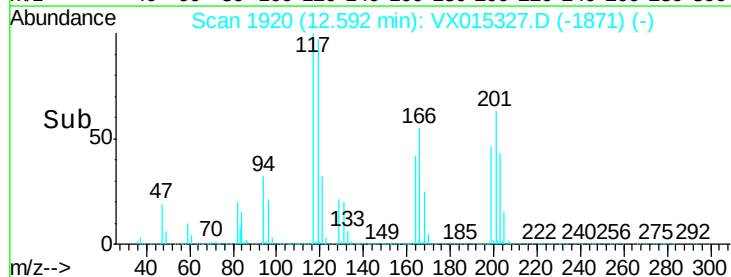
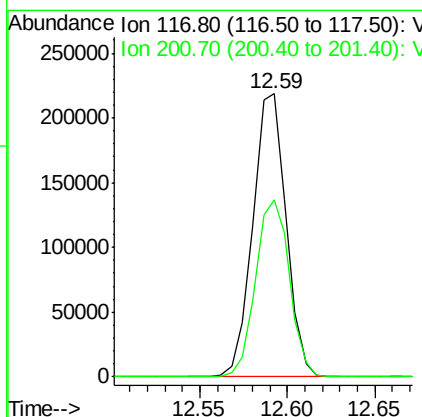
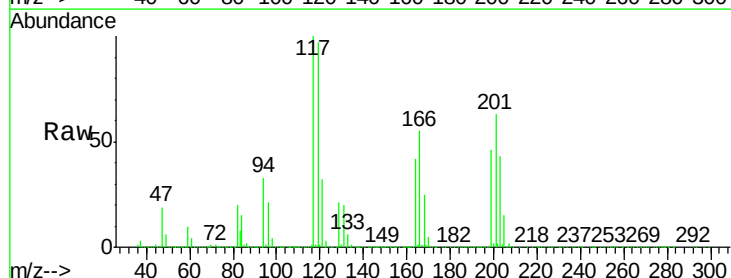
Manual Integrations
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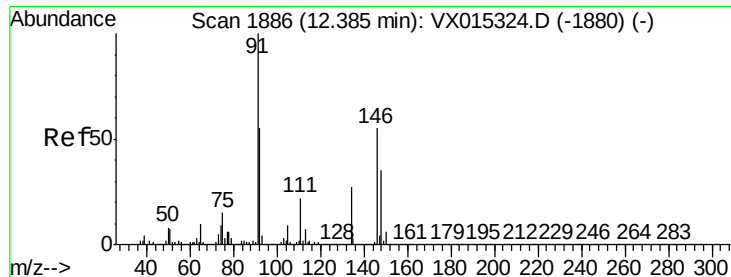
MMDadoda
3/19/2020 12:01:01 PM



#90
Hexachloroethane
Concen: 49.270 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion: 117 Resp: 292432
Ion Ratio Lower Upper
117 100
201 63.4 32.7 98.1





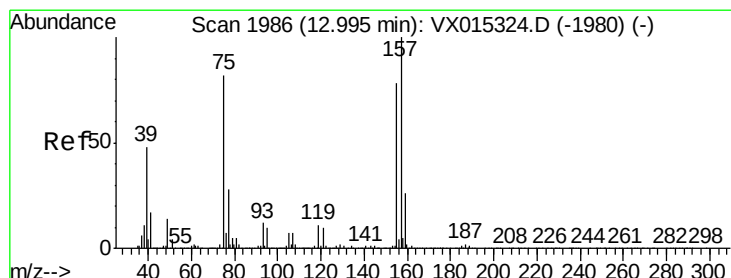
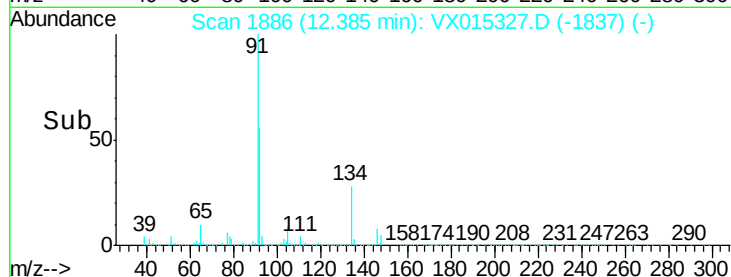
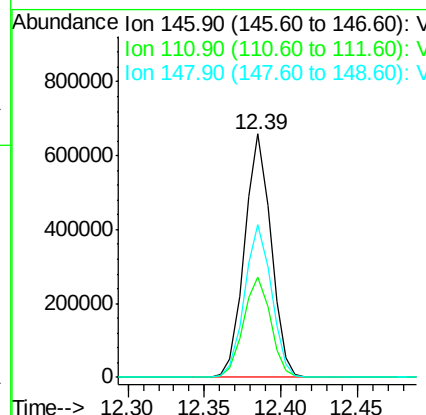
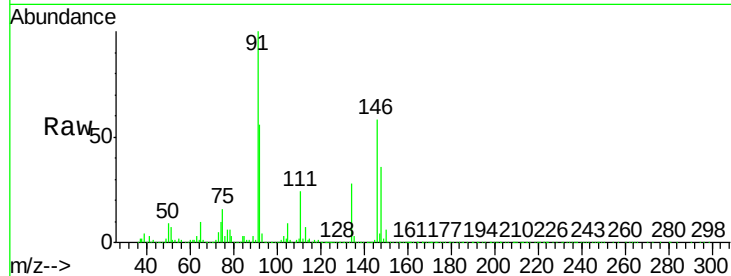
#91
 1,2-Dichlorobenzene
 Concen: 49.112 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031820

Tot Ion	Ratio	Resp	Lower	Upper
146	100	790564		
111	42.2	20.6	61.8	
148	63.8	31.6	94.8	

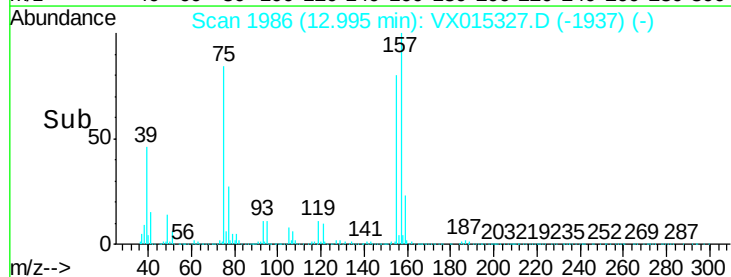
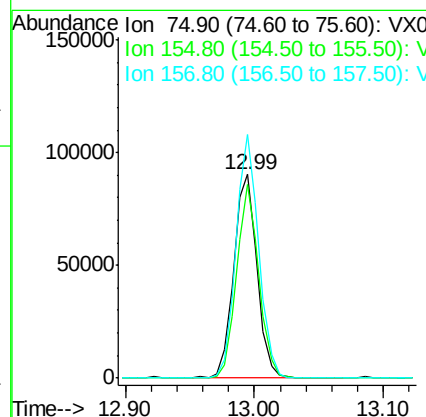
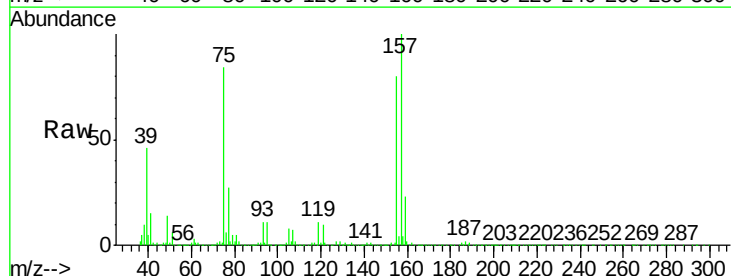
Manual Integrations
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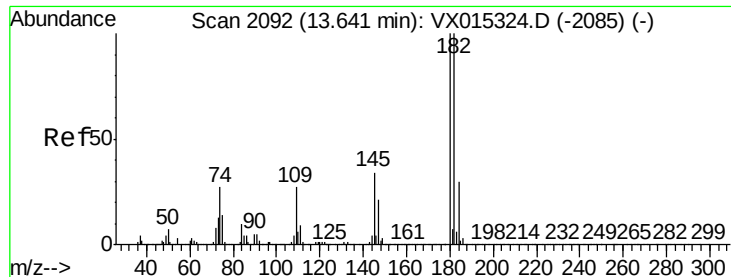
MMDadoda
 3/19/2020 12:01:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.630 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015327.D
 Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	114911		
155	90.0	48.9	146.7	
157	115.3	61.1	183.3	





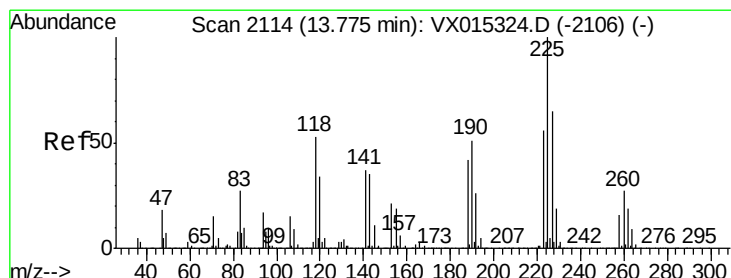
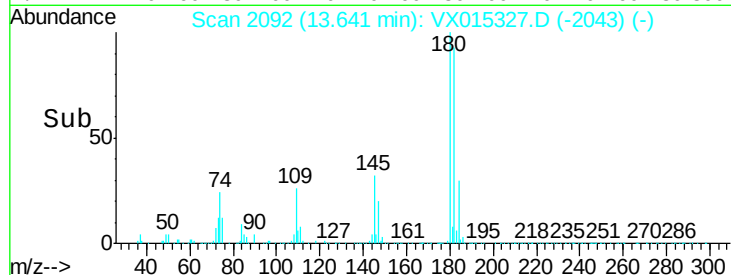
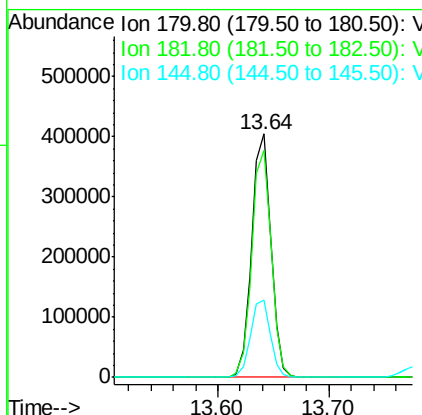
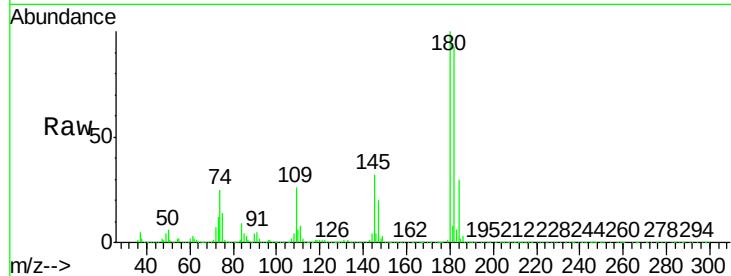
#93
1,2,4-Trichlorobenzene
Concen: 50.583 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Resp	Lower	Upper
180	100	487800		
182	94.2	48.6	145.9	
145	32.8	16.7	50.1	

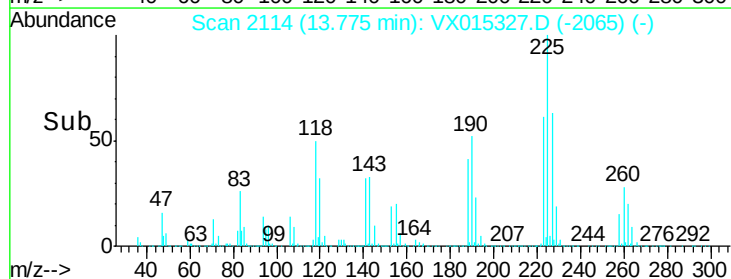
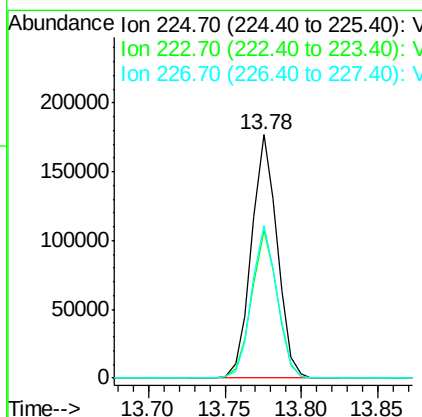
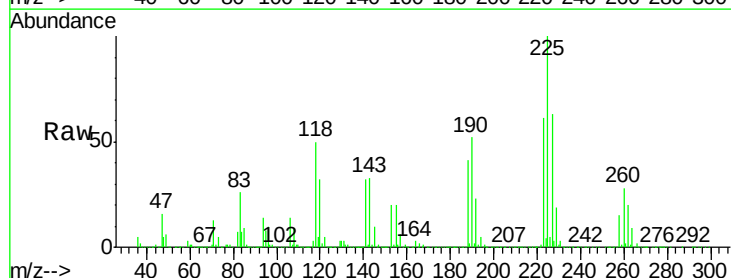
Manual Integrations
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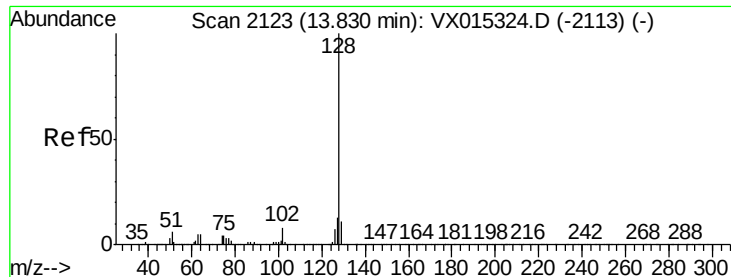
MMDadoda
3/19/2020 12:01:01 PM



#94
Hexachlorobutadiene
Concen: 50.920 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	206464		
223	60.7	30.6	91.6	
227	62.1	32.3	96.8	





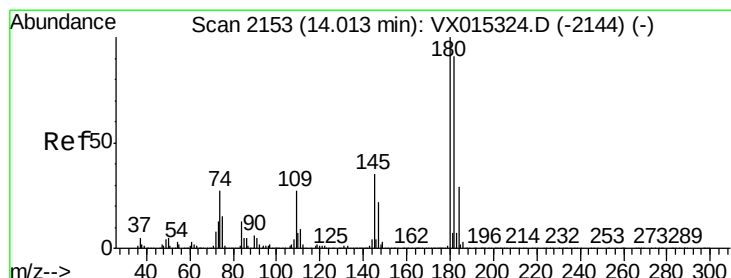
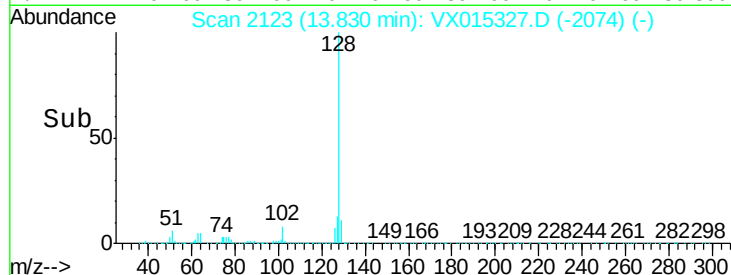
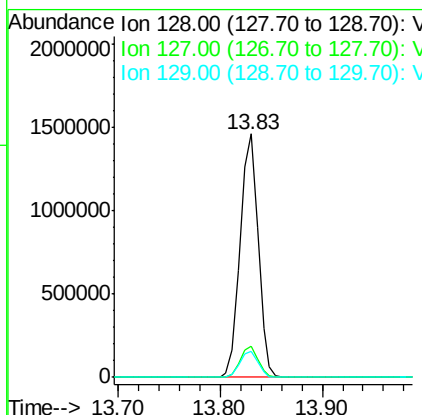
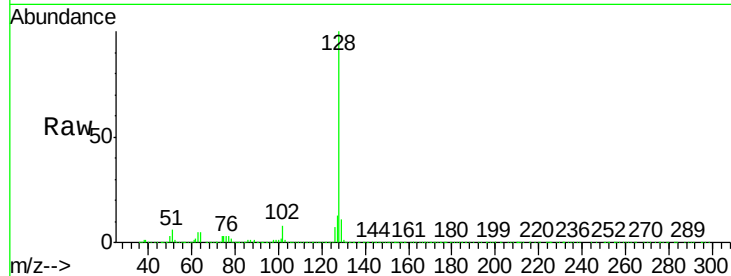
#95
Naphthalene
Concen: 55.405 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031820

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 54.436 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015327.D
Acq: 18 Mar 2020 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.0
145	34.0	17.6	52.8

