

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015927.D
 Acq On : 24 Apr 2020 12:12
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 12:39:52 PM

Quant Time: Apr 24 12:47:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	147819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	276335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	259617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	98668	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.47	113	75107	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.70	98	307979	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.12	95	121457	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	86144	55.464	ug/l	100
3) Chloromethane	1.31	50	85950	53.754	ug/l	100
4) Vinyl Chloride	1.39	62	111230	53.790	ug/l	100
5) Bromomethane	1.62	94	45329	49.037	ug/l	100
6) Chloroethane	1.71	64	66810	52.582	ug/l	100
7) Trichlorofluoromethane	1.92	101	129087	52.101	ug/l	100
8) Diethyl Ether	2.17	74	58470	49.114	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81624	52.386	ug/l	100
10) Methyl Iodide	2.49	142	84598	56.855	ug/l	100
11) Tert butyl alcohol	3.01	59	108917	255.263	ug/l	100
12) 1,1-Dichloroethene	2.36	96	85722	52.577	ug/l	100
13) Acrolein	2.27	56	66501	235.811	ug/l	100
14) Allyl chloride	2.71	41	149442	51.488	ug/l	100
15) Acrylonitrile	3.12	53	253792	269.502	ug/l	100
16) Acetone	2.42	43	195367	255.568	ug/l	100
17) Carbon Disulfide	2.55	76	227517	43.566	ug/l	100
18) Methyl Acetate	2.75	43	119458	52.168	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	305780	52.599	ug/l	100
20) Methylene Chloride	2.84	84	97400	51.487	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	95105	52.217	ug/l	100
22) Diisopropyl ether	3.82	45	296513	51.935	ug/l	100
23) Vinyl Acetate	3.79	43	1246348	269.083	ug/l	100
24) 1,1-Dichloroethane	3.67	63	169555	52.193	ug/l	100
25) 2-Butanone	4.64	43	328143	268.006	ug/l	100
26) 2,2-Dichloropropane	4.56	77	149264	51.485	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	107738	51.987	ug/l	100
28) Bromochloromethane	4.98	49	73164	50.497	ug/l	100
29) Tetrahydrofuran	5.09	42	214157	263.194	ug/l	100
30) Chloroform	5.18	83	168412	52.444	ug/l	100
31) Cyclohexane	5.56	56	156573	53.011	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	150385	51.637	ug/l	100
36) 1,1-Dichloropropene	5.77	75	133044	50.890	ug/l	100
37) Ethyl Acetate	4.80	43	133272	50.925	ug/l	100
38) Carbon Tetrachloride	5.76	117	123124	52.240	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	161676	51.367	ug/l	100
40) Benzene	6.12	78	395087	52.100	ug/l	100
41) Methacrylonitrile	5.01	41	73463	48.937	ug/l	100
42) 1,2-Dichloroethane	6.17	62	137284	51.642	ug/l	100
43) Isopropyl Acetate	6.42	43	223137	52.791	ug/l	100
44) Trichloroethene	7.19	130	119098	50.538	ug/l	100
45) 1,2-Dichloropropane	7.49	63	101259	52.286	ug/l	100
46) Dibromomethane	7.64	93	67372	51.935	ug/l	100
47) Bromodichloromethane	7.88	83	137529	52.888	ug/l	100
48) Methyl methacrylate	7.75	41	107452	51.593	ug/l	100
49) 1,4-Dioxane	7.71	88	47013	1038.631	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	660630	270.446	ug/l	100
52) Toluene	8.77	92	252625	52.571	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	166761	53.031	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	175644	53.435	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	99111	51.505	ug/l	100
56) Ethyl methacrylate	9.16	69	164091	54.710	ug/l	100
57) 1,3-Dichloropropane	9.35	76	172742	52.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	403931	270.875	ug/l	100
59) 2-Hexanone	9.48	43	503642	274.432	ug/l	100
60) Dibromochloromethane	9.57	129	102377	55.626	ug/l	100
61) 1,2-Dibromoethane	9.66	107	105098	53.305	ug/l	100
64) Tetrachloroethene	9.32	164	131682	51.078	ug/l	100
65) Chlorobenzene	10.12	112	264337	52.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	95230	53.766	ug/l	100
67) Ethyl Benzene	10.24	91	486214	52.005	ug/l	100
68) m/p-Xylenes	10.34	106	359069	105.535	ug/l	100
69) o-Xylene	10.68	106	173495	52.339	ug/l	100
70) Styrene	10.70	104	306167	54.780	ug/l	100
71) Bromoform	10.84	173	66173	58.686	ug/l #	100
73) Isopropylbenzene	11.01	105	471223	52.265	ug/l	100
74) N-amyl acetate	10.88	43	206284	53.924	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	108179	55.107	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	136810m	42.465	ug/l	
77) Bromobenzene	11.24	156	104562	51.677	ug/l	100
78) n-propylbenzene	11.35	91	551427	52.014	ug/l	100
79) 2-Chlorotoluene	11.41	91	326039	52.757	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	399809	52.936	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	59190	56.345	ug/l	100
82) 4-Chlorotoluene	11.49	91	386406	52.343	ug/l	100
83) tert-Butylbenzene	11.76	119	329903	51.647	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	404992	52.244	ug/l	100
85) sec-Butylbenzene	11.93	105	459855	53.019	ug/l	100
86) p-Isopropyltoluene	12.05	119	414735	52.466	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	190414	51.147	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	195473	51.737	ug/l	100
89) n-Butylbenzene	12.37	91	395184	53.352	ug/l	100
90) Hexachloroethane	12.58	117	64893	55.270	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	188986	52.027	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32369	51.116	ug/l	100

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ClientSampleId :
VSTDICCC050

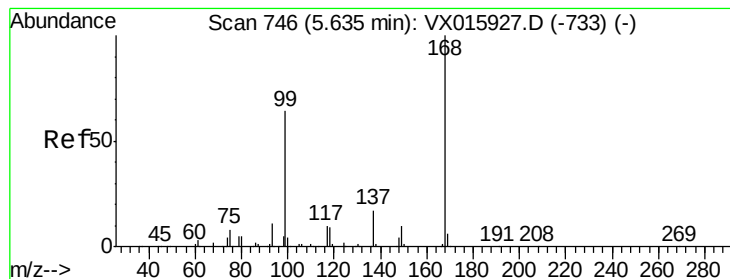
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	121145	52.569	ug/l	100
94) Hexachlorobutadiene	13.77	225	44088	53.656	ug/l	100
95) Naphthalene	13.82	128	451554	54.323	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	112755	51.816	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 147819

Ion Ratio Lower Upper

168 100

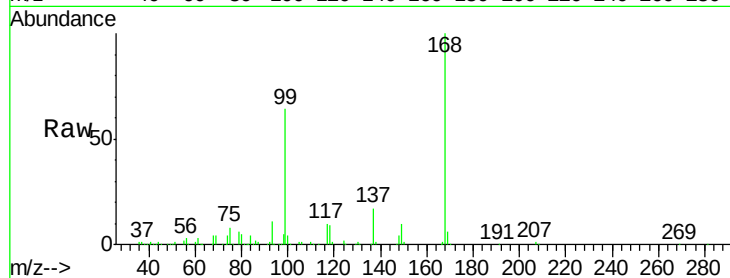
99 64.0 51.2 76.8

Manual Integrations

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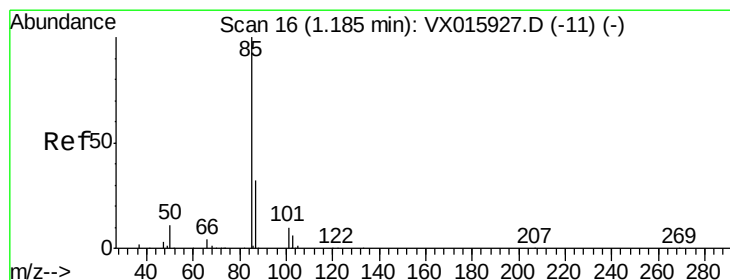
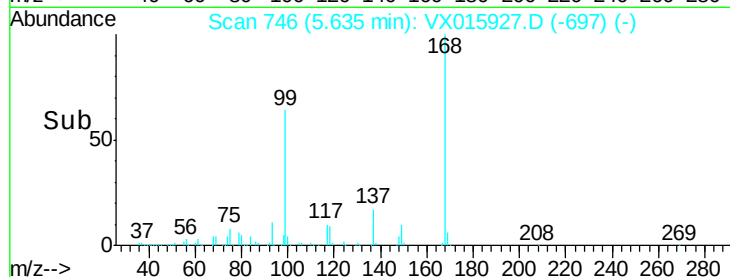
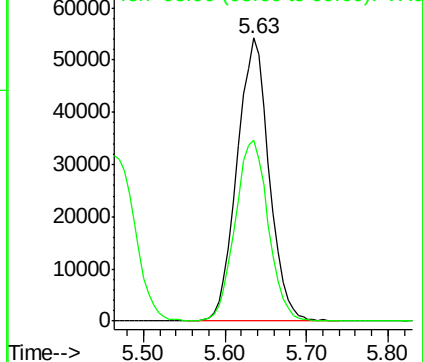
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.464 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015927.D

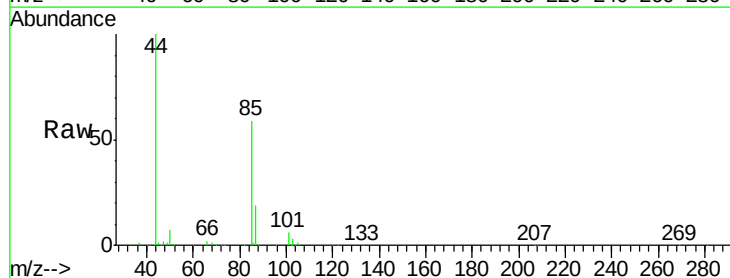
Acq: 24 Apr 2020 12:12

Tgt Ion: 85 Resp: 86144

Ion Ratio Lower Upper

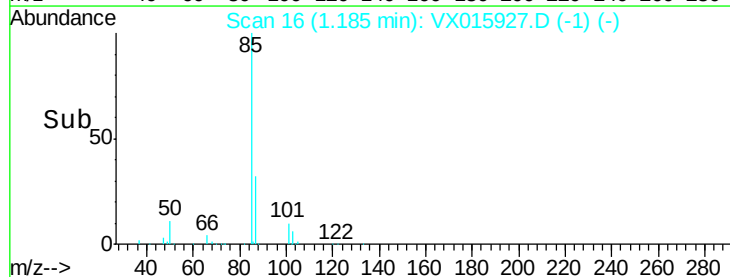
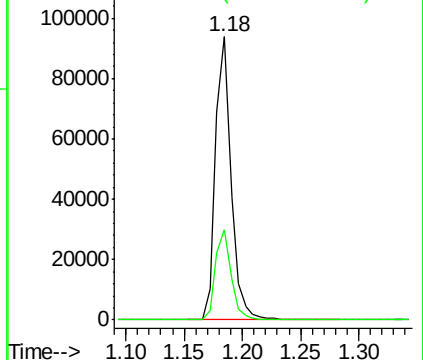
85 100

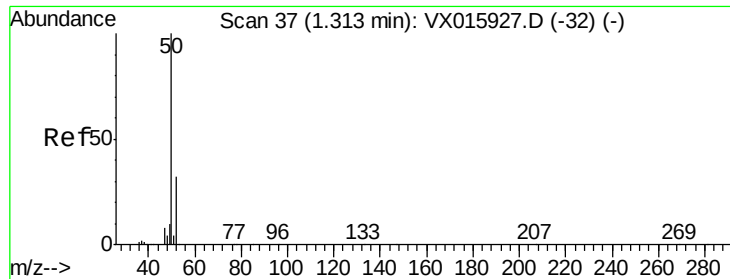
87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.754 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 85950

Ion Ratio Lower Upper

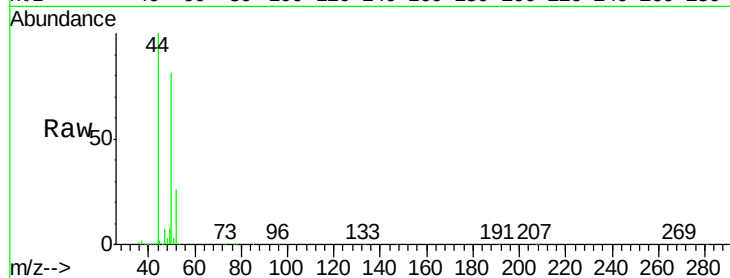
50 100

52 32.4 25.9 38.9

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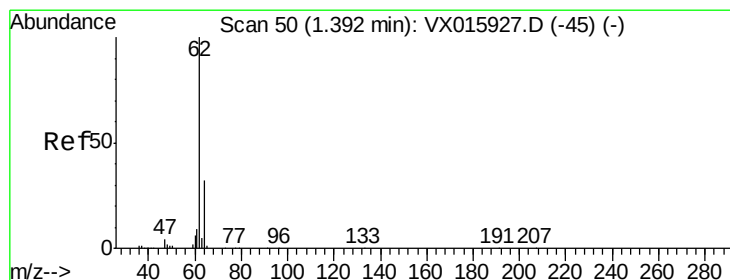
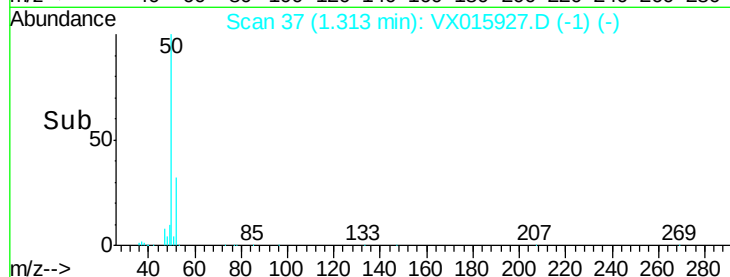
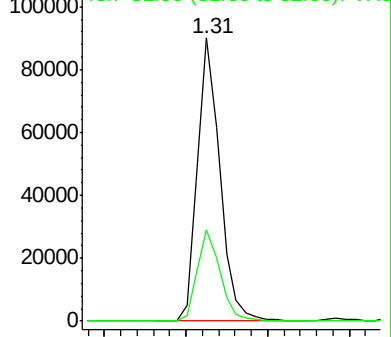
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.790 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015927.D

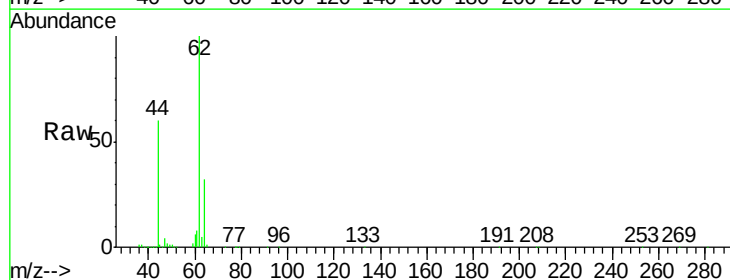
Acq: 24 Apr 2020 12:12

Tgt Ion: 62 Resp: 111230

Ion Ratio Lower Upper

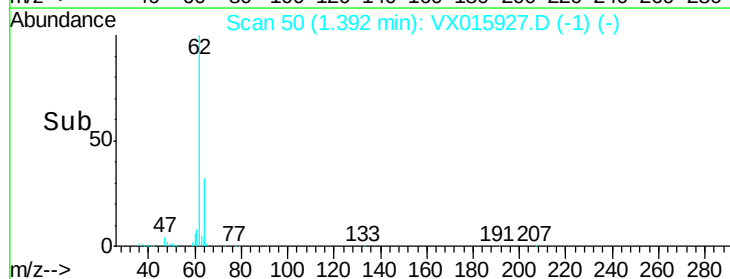
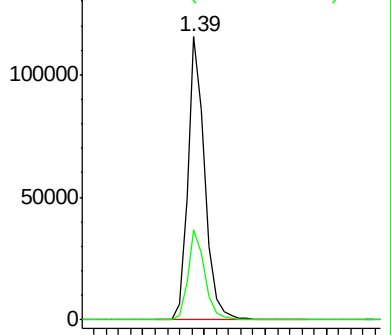
62 100

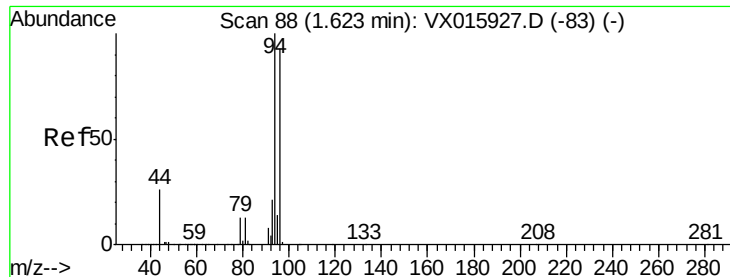
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.037 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 45329

Ion Ratio Lower Upper

94 100

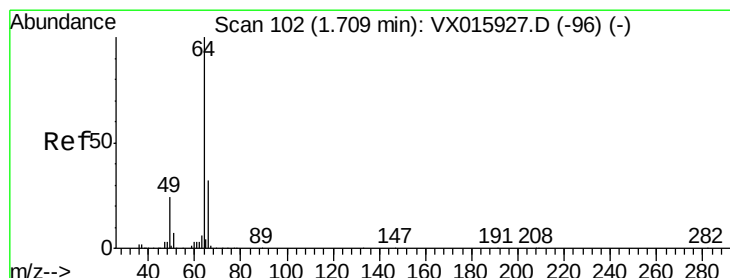
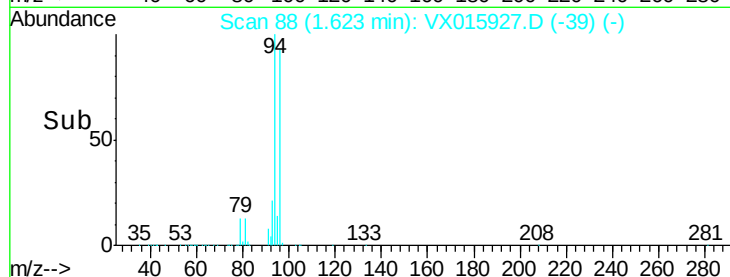
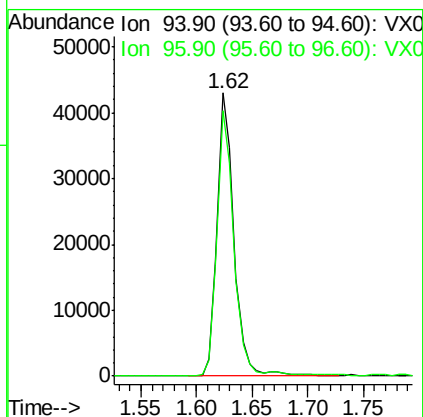
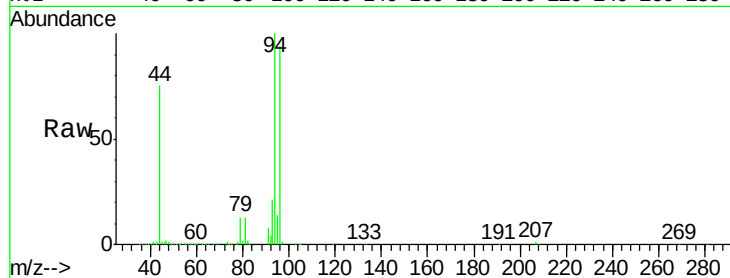
96 93.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 52.582 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015927.D

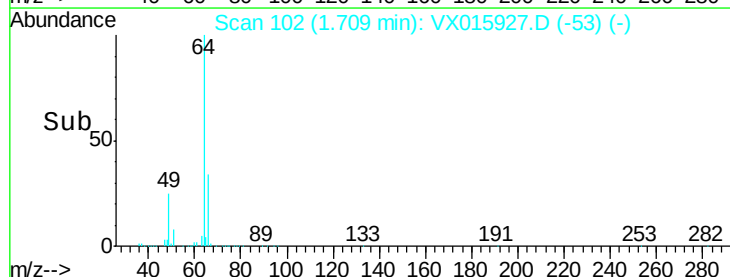
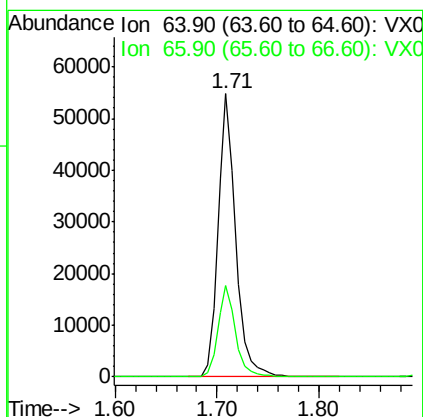
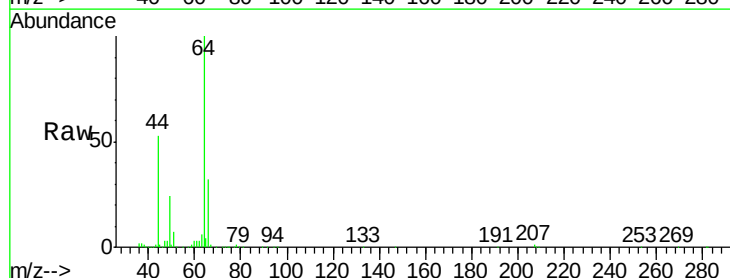
Acq: 24 Apr 2020 12:12

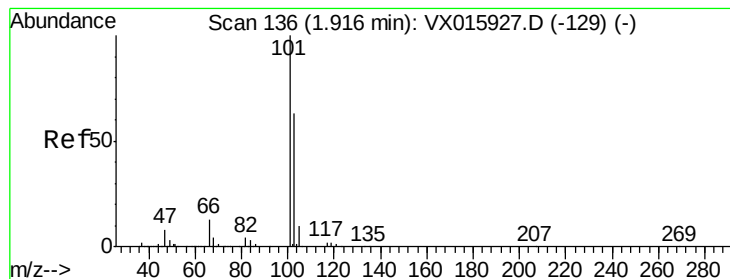
Tgt Ion: 64 Resp: 66810

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8





#7

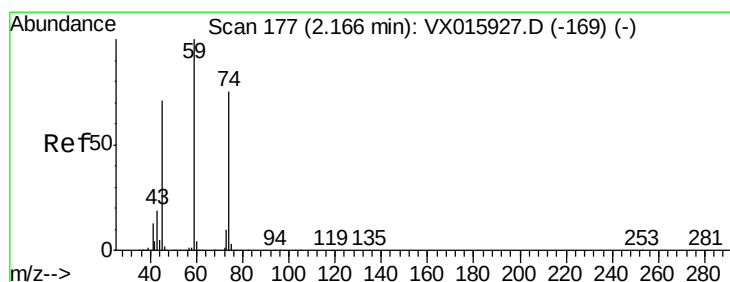
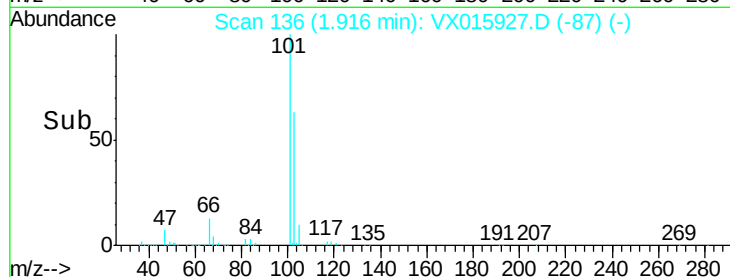
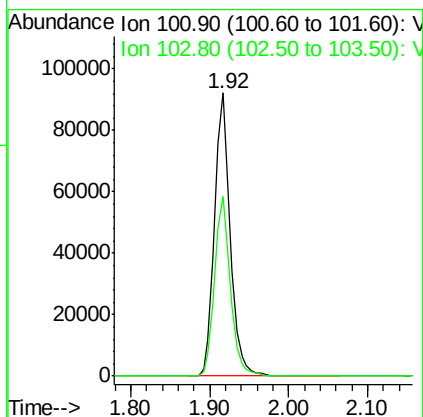
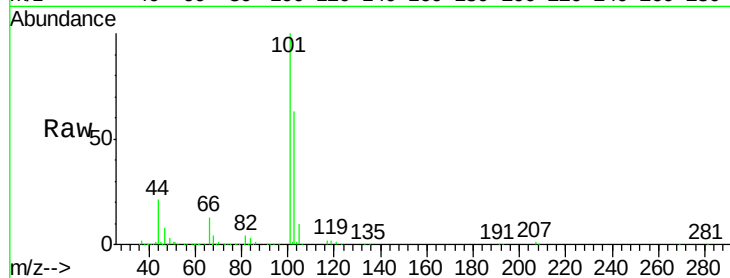
Trichlorofluoromethane
Concen: 52.101 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	50.8	76.2

Manual Integrations
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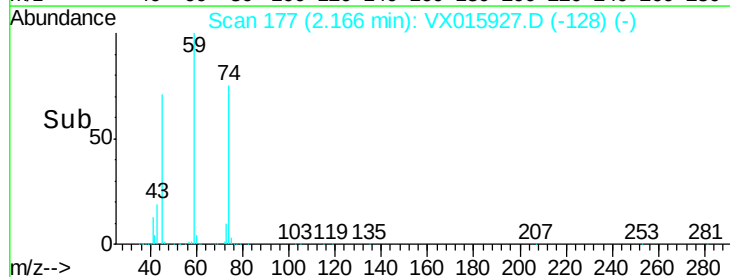
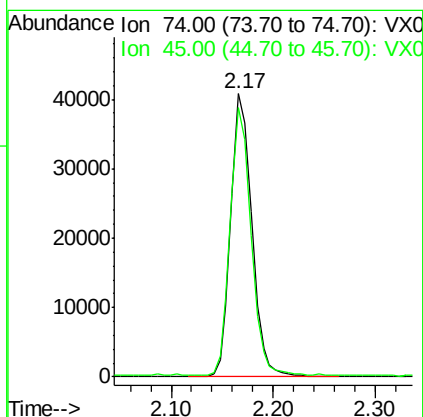
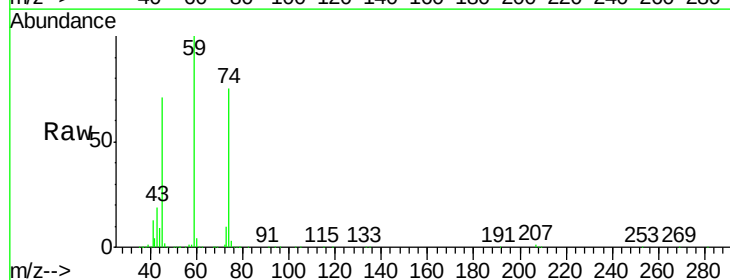
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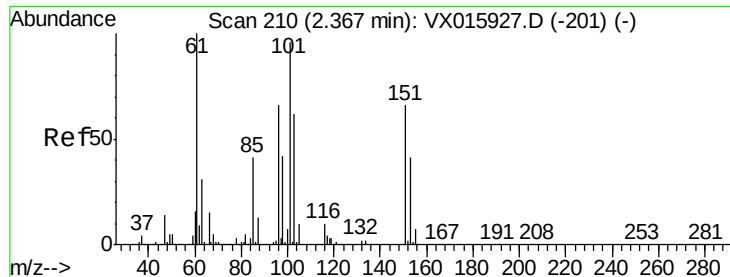


#8

Diethyl Ether
Concen: 49.114 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	46.9	140.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.386 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

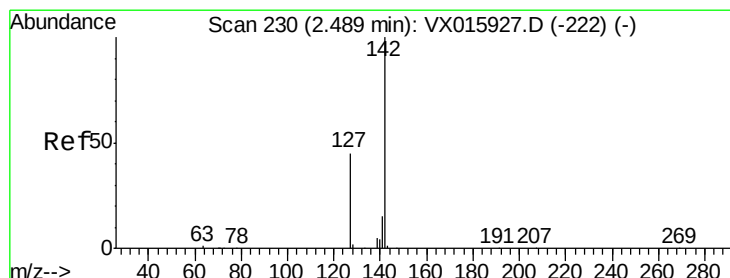
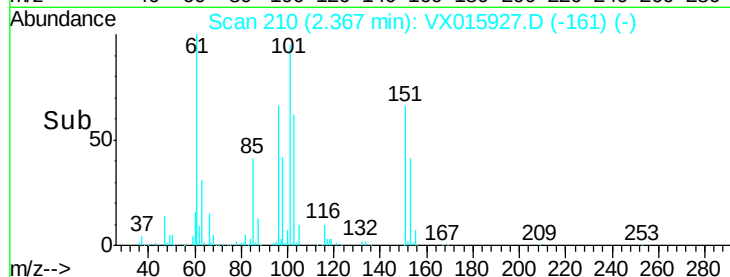
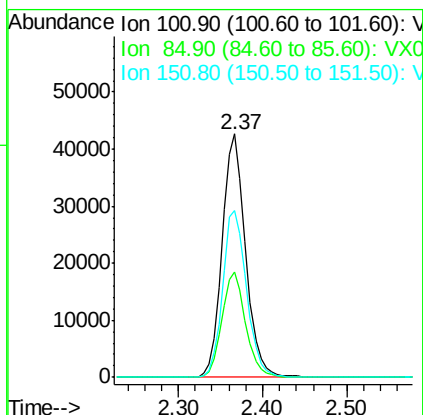
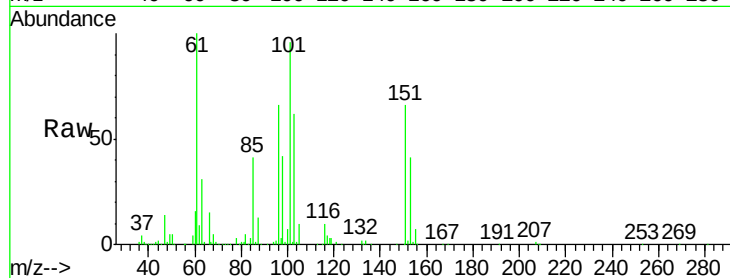
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	81624
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	69.7	55.8	83.6

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#10

Methyl Iodide

Concen: 56.855 ug/l

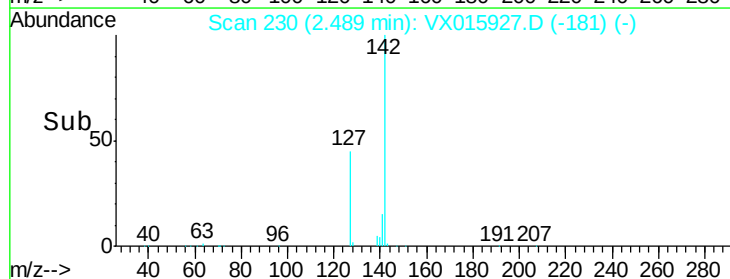
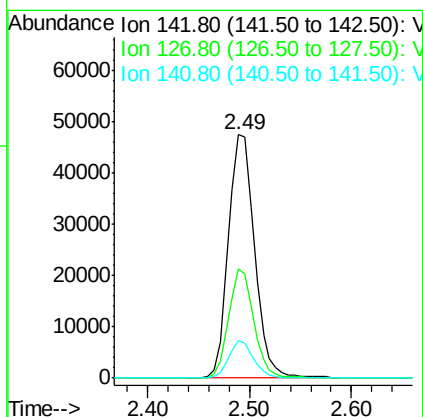
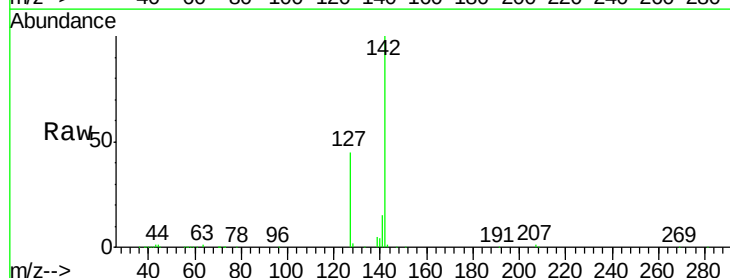
RT: 2.49 min Scan# 230

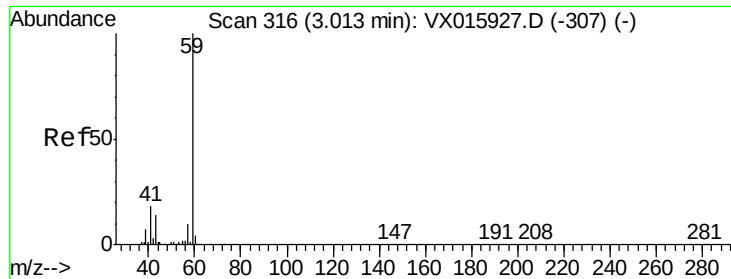
Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Tgt Ion:	142	Resp:	84598
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.4	51.6
141	14.4	11.5	17.3





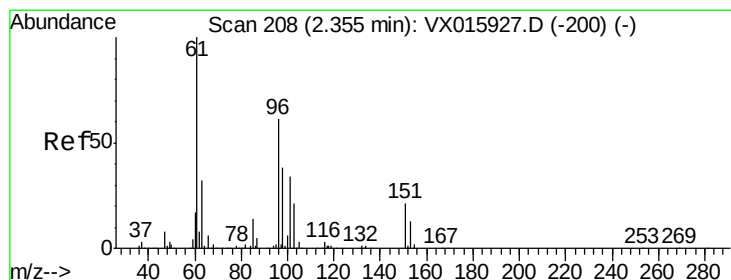
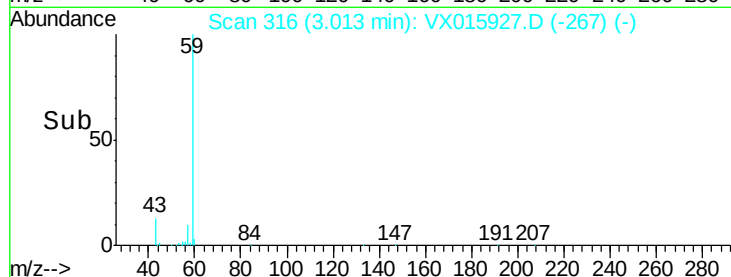
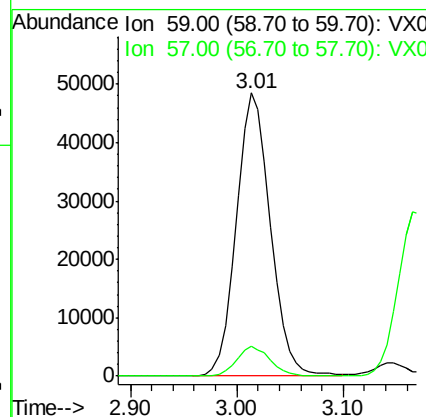
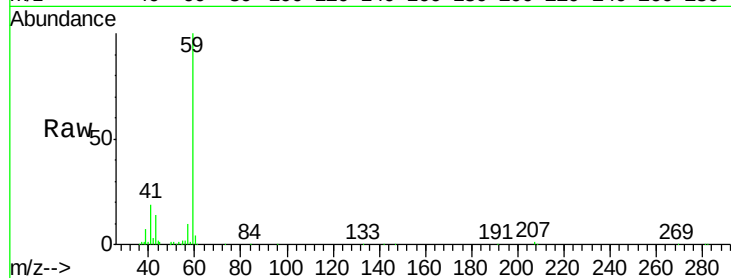
#11
Tert butyl alcohol
Concen: 255.263 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.5	8.4	12.6

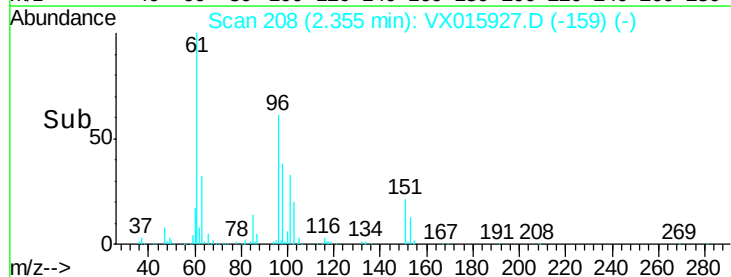
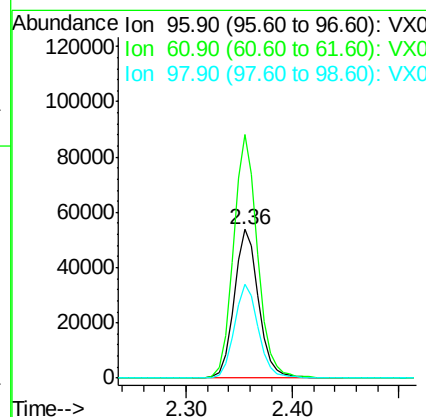
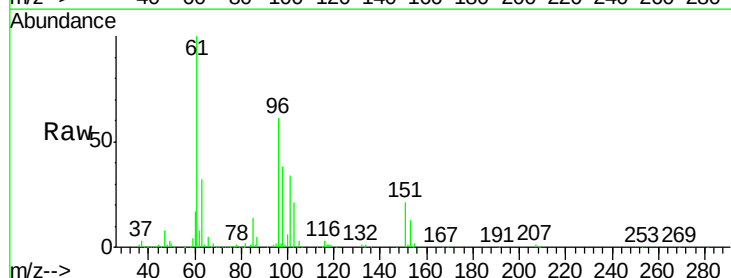
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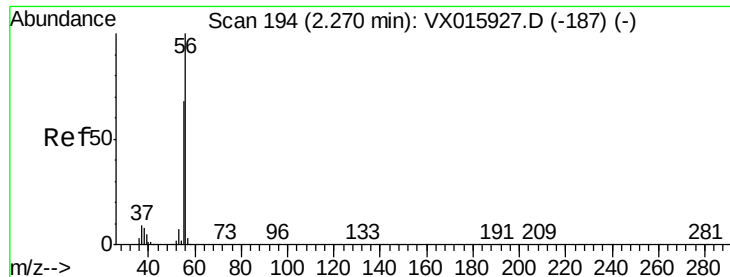
MMDadoda
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#12
1,1-Dichloroethene
Concen: 52.577 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	164.0	131.2	196.8
98	98	62.8	50.2	75.4





#13

Acrolein

Concen: 235.811 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 66501

Ion Ratio Lower Upper

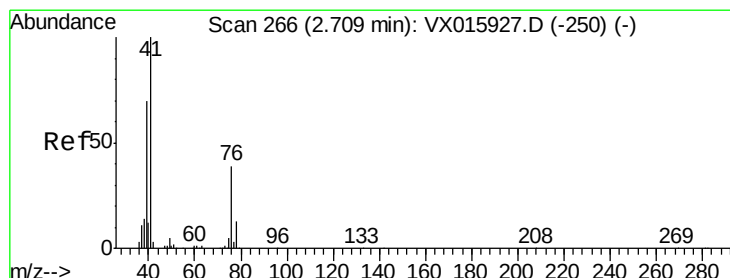
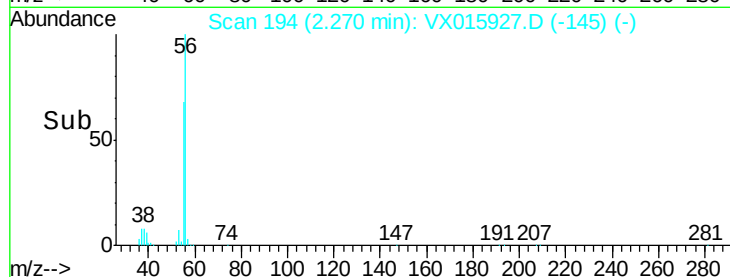
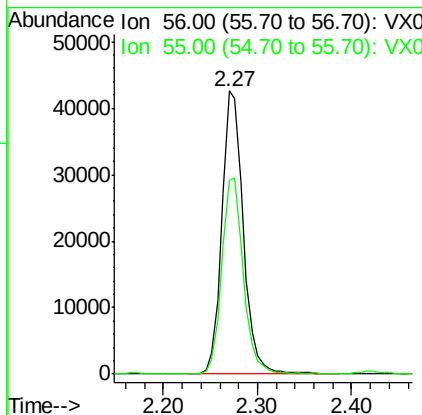
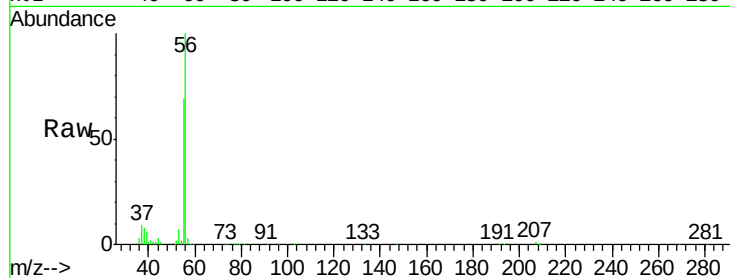
56 100

55 70.0 56.0 84.0

Manual Integrations
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#14

Allyl chloride

Concen: 51.488 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

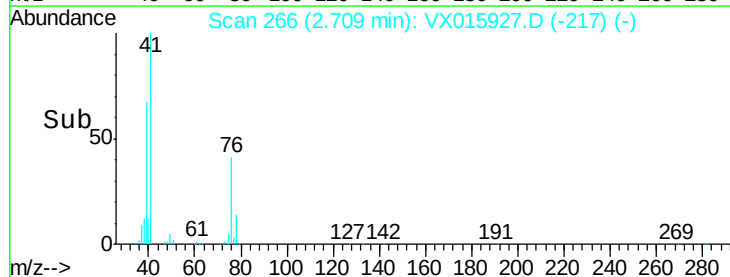
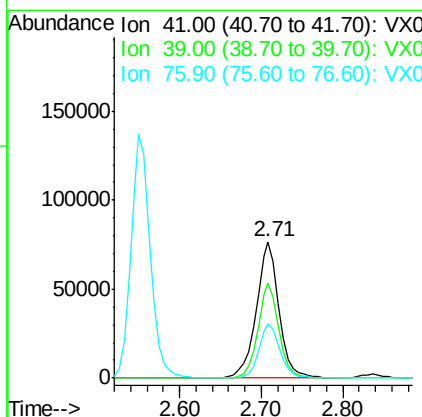
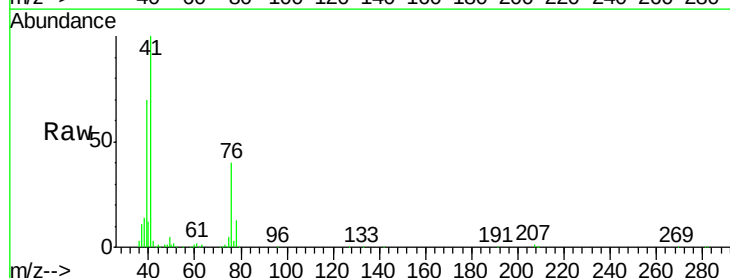
Tgt Ion: 41 Resp: 149442

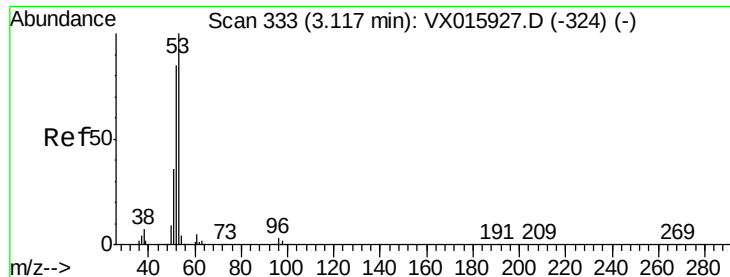
Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 36.6 29.3 43.9





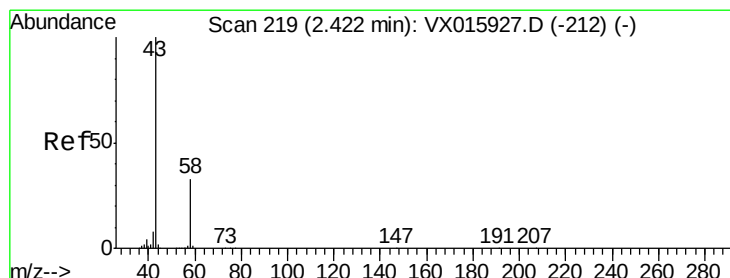
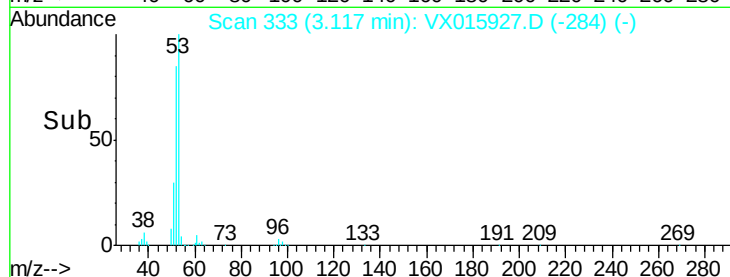
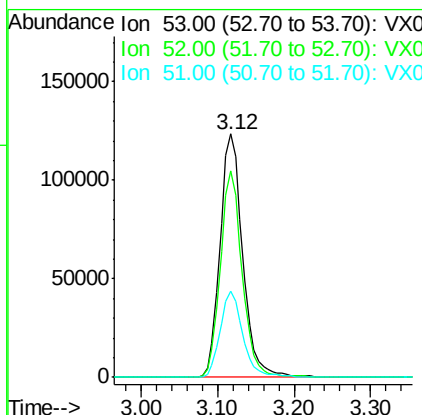
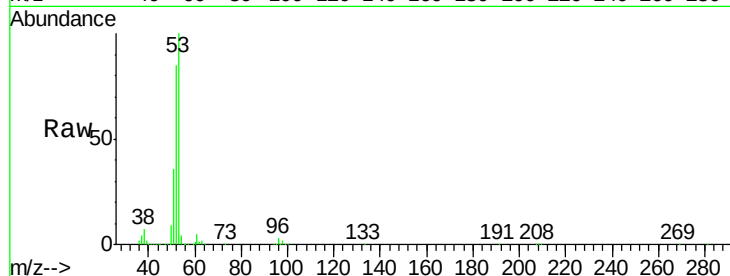
#15
 Acrylonitrile
 Concen: 269.502 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	53	Resp:	253792
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.5	98.3
51	35.2	28.2	42.2

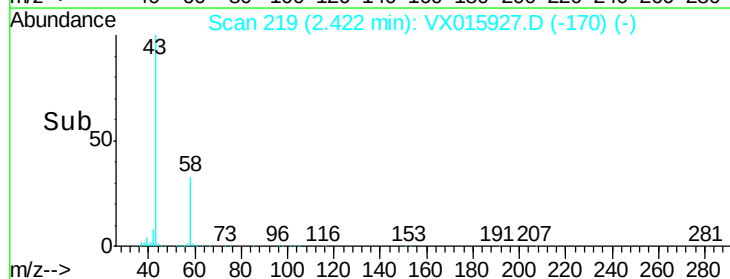
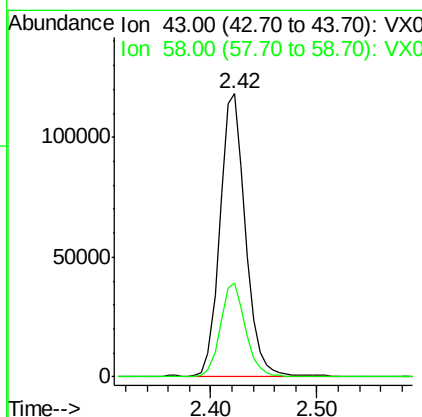
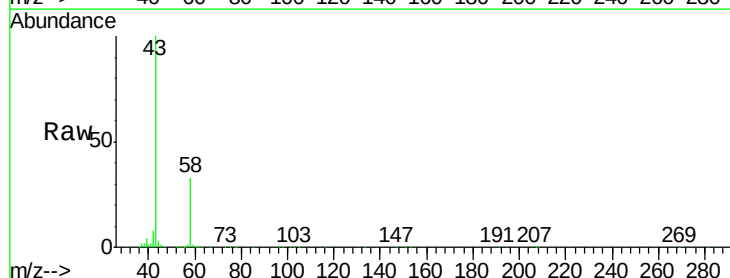
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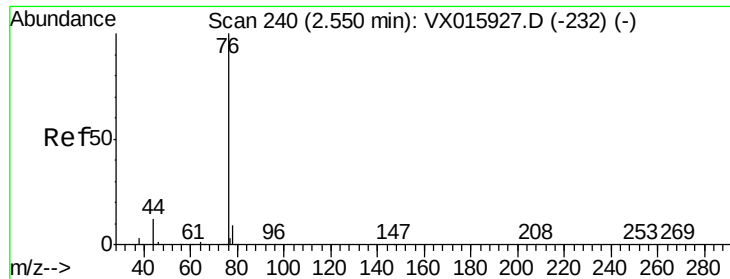
MMDadoda
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#16
 Acetone
 Concen: 255.568 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion:	43	Resp:	195367
Ion Ratio	Lower	Upper	
43	100		
58	33.0	26.4	39.6





#17

Carbon Disulfide

Concen: 43.566 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 227517

Ion Ratio Lower Upper

76 100

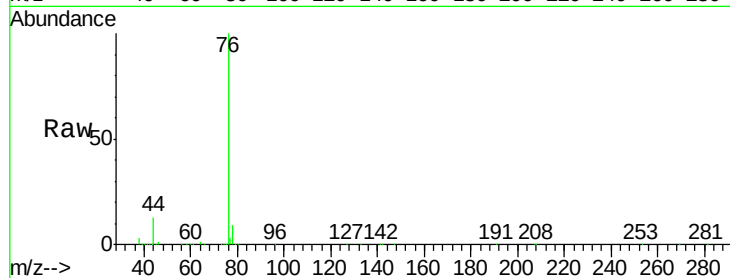
78 9.3 7.4 11.2

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

2.55

150000

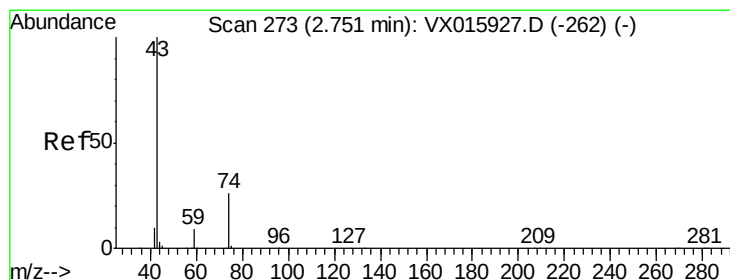
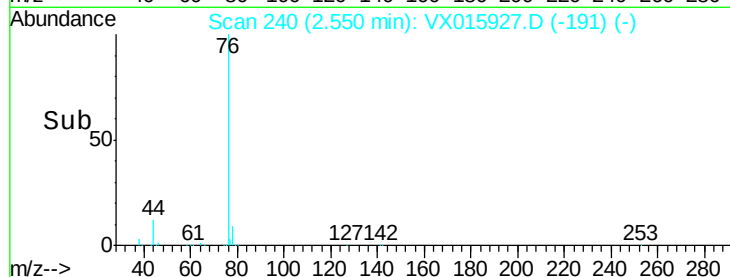
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 52.168 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015927.D

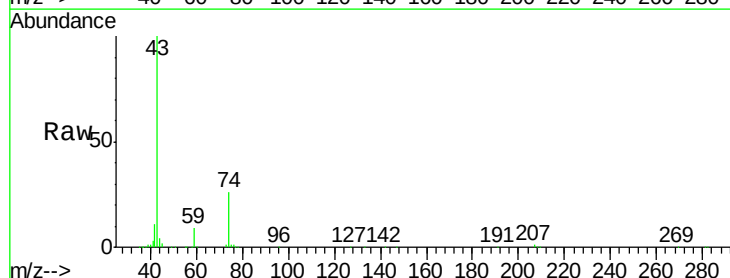
Acq: 24 Apr 2020 12:12

Tgt Ion: 43 Resp: 119458

Ion Ratio Lower Upper

43 100

74 26.2 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

80000

60000

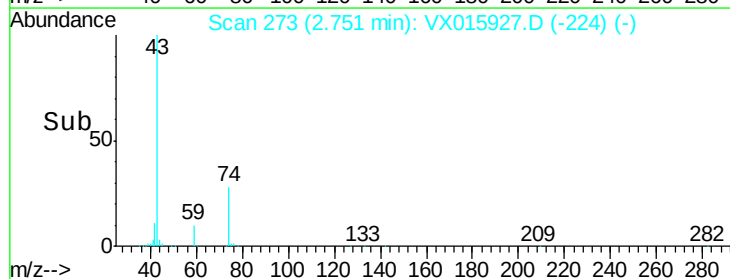
40000

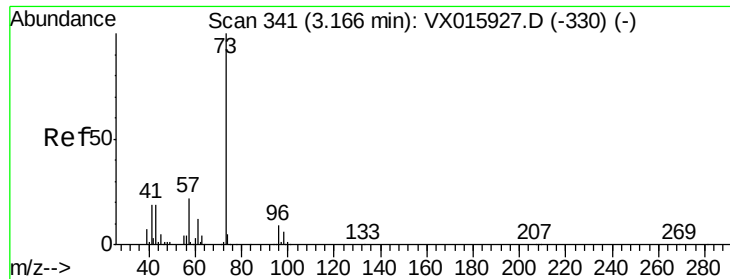
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85





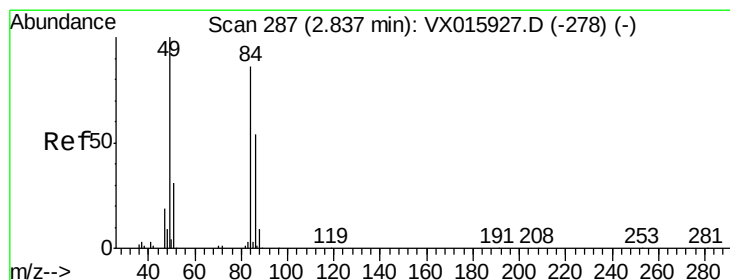
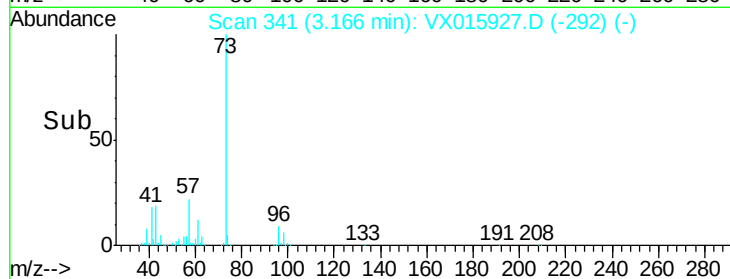
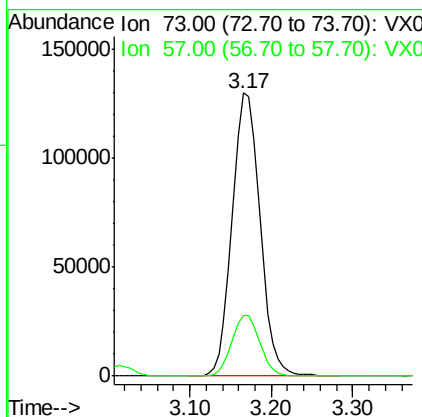
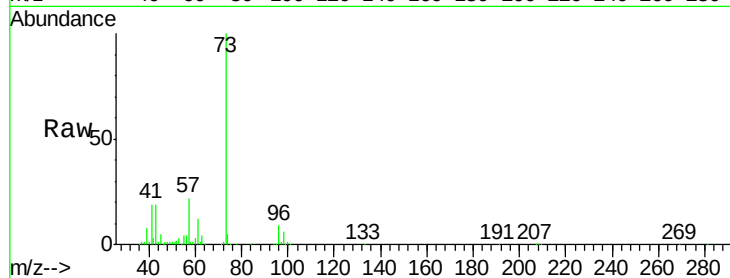
#19
Methyl tert-butyl Ether
Concen: 52.599 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.3	25.9

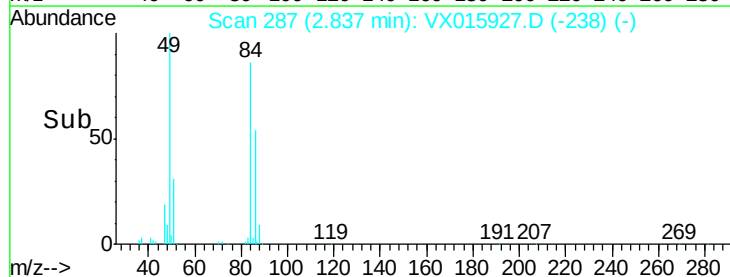
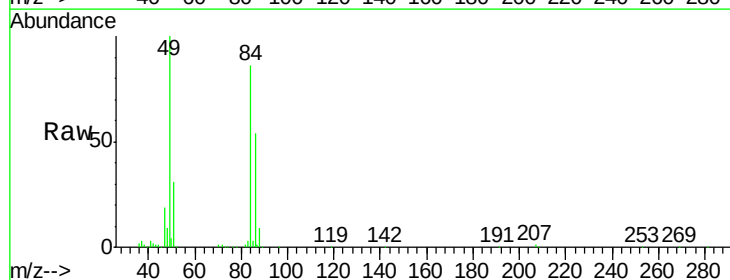
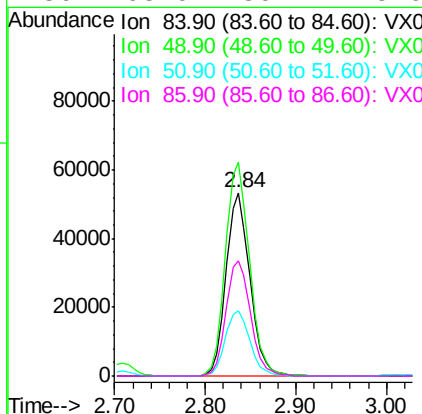
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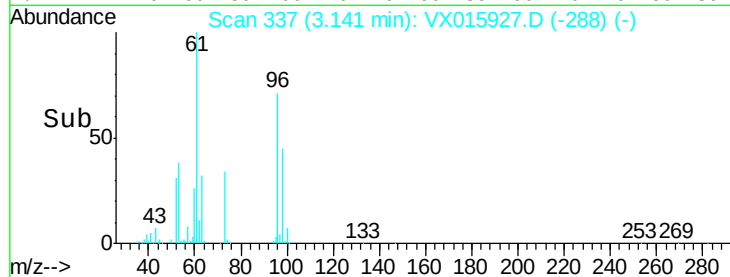
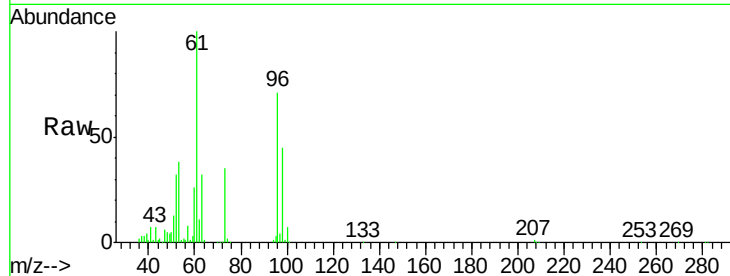
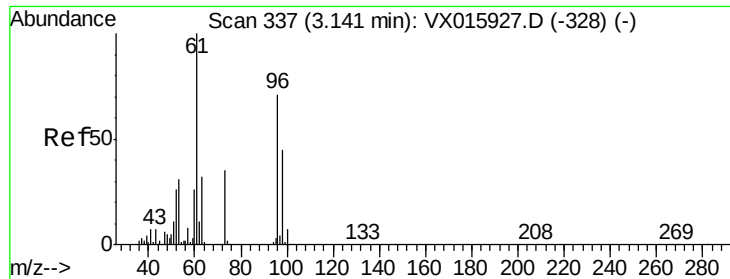
MMDadoda
4/27/2020 12:39:52 PM



#20
Methylene Chloride
Concen: 51.487 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.3	93.0	139.6
51	35.8	28.6	43.0
86	63.0	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 52.217 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Tot Ion:	96	Resp:	95105
Ion	Ratio	Lower	Upper
96	100		
61	140.9	112.7	169.1
98	63.7	51.0	76.4

Instrument :

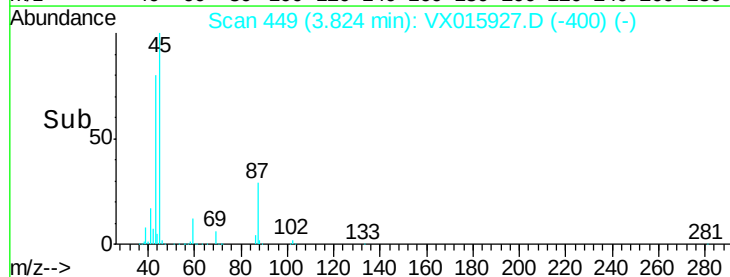
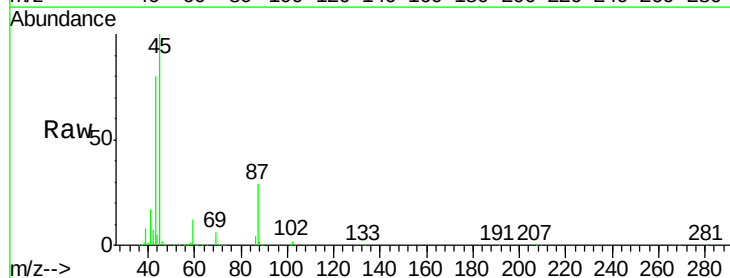
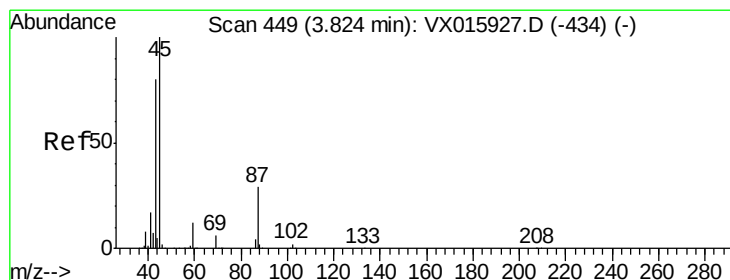
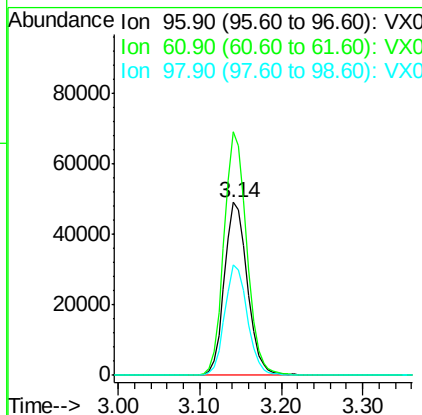
MSVOA_X

ClientSampleId :

VSTDICCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.935 ug/l

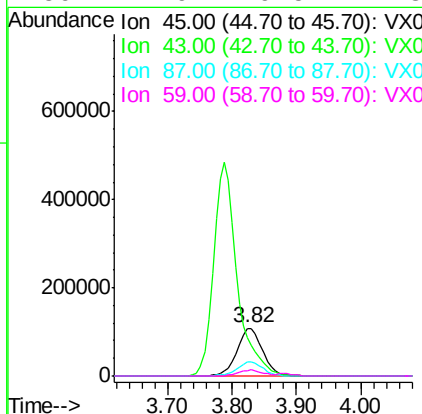
RT: 3.82 min Scan# 449

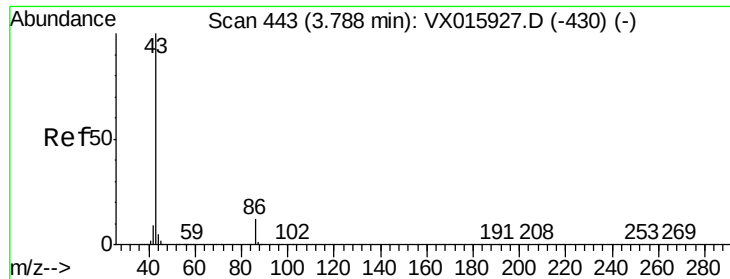
Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Tgt Ion:	45	Resp:	296513
Ion	Ratio	Lower	Upper
45	100		
43	79.7	63.8	95.6
87	28.6	22.9	34.3
59	11.9	9.5	14.3





#23

Vinyl Acetate

Concen: 269.083 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Tot Ion: 43 Resp: 1246348

Ion Ratio Lower Upper

43 100

86 11.8 9.4 14.2

Instrument :

MSVOA_X

ClientSampled :

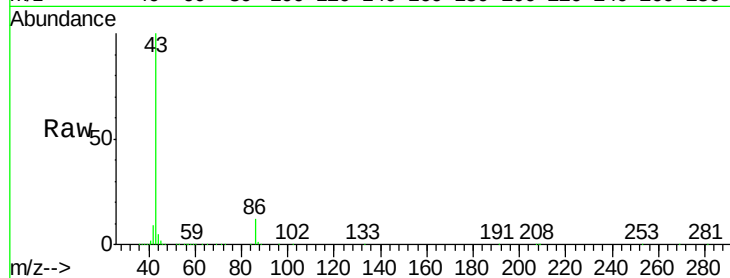
VSTDICCC050

Manual Integrations

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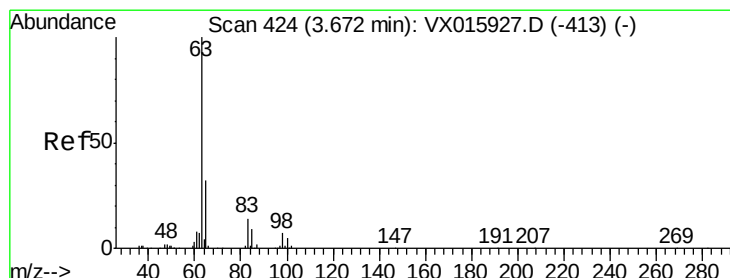
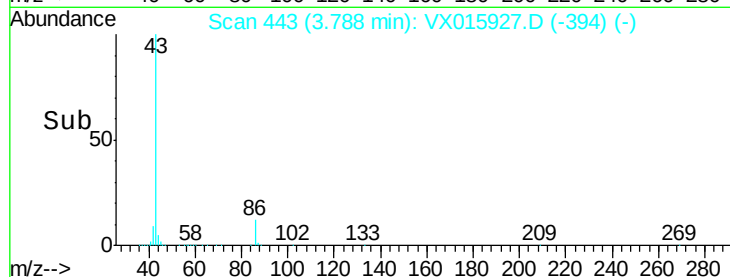
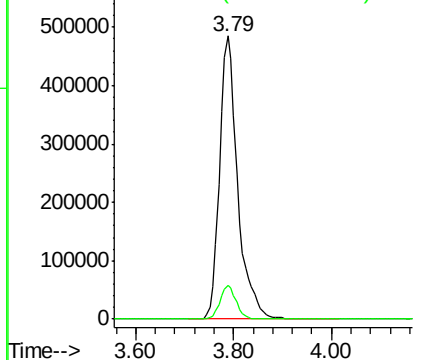
MMDadoda

4/27/2020 12:39:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.193 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

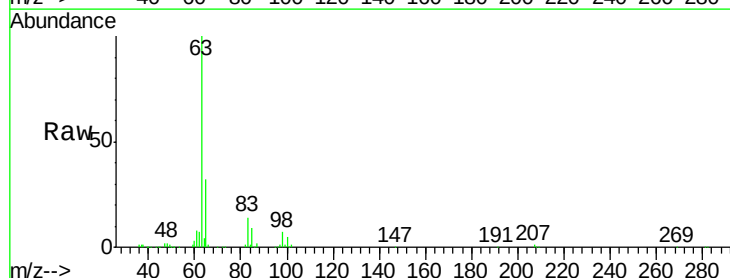
Tgt Ion: 63 Resp: 169555

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

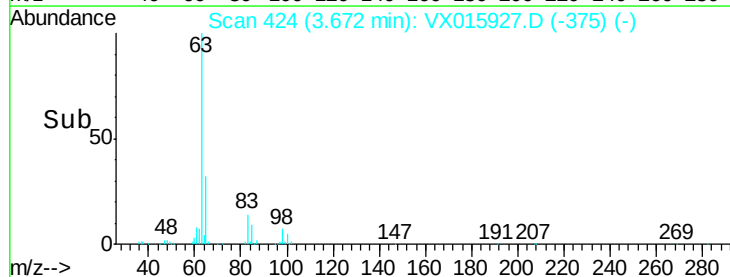
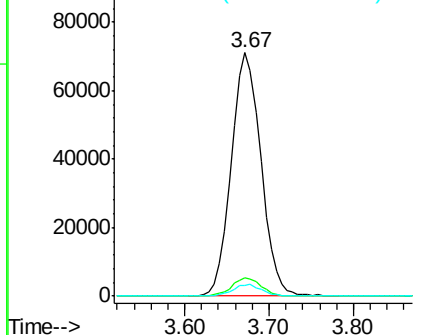
100 4.6 2.3 6.9

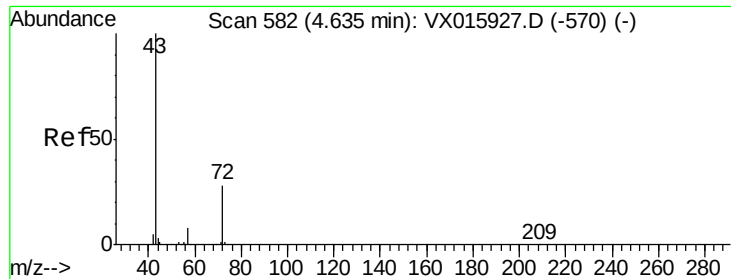


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.006 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 328143

Ion Ratio Lower Upper

43 100

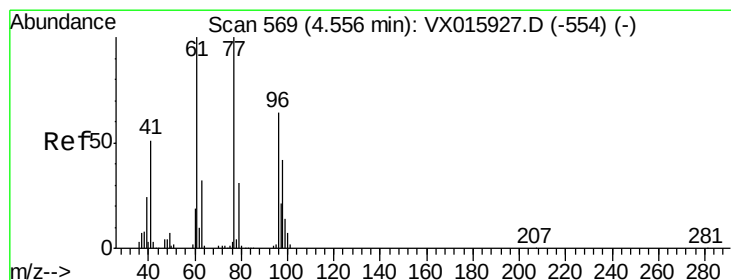
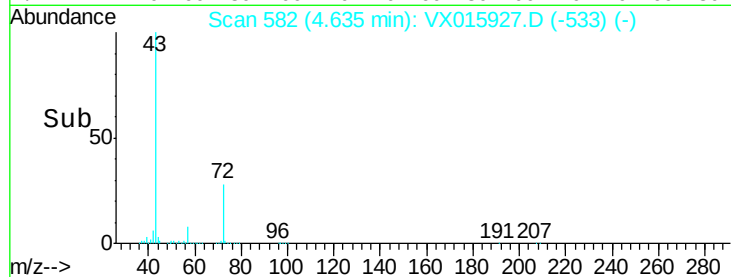
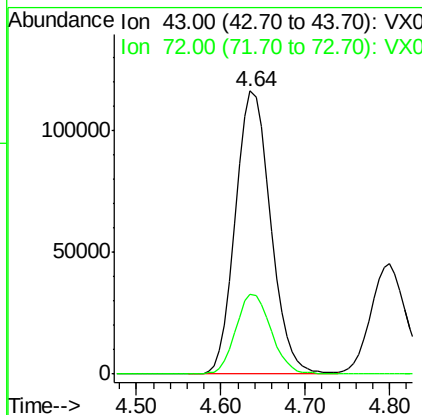
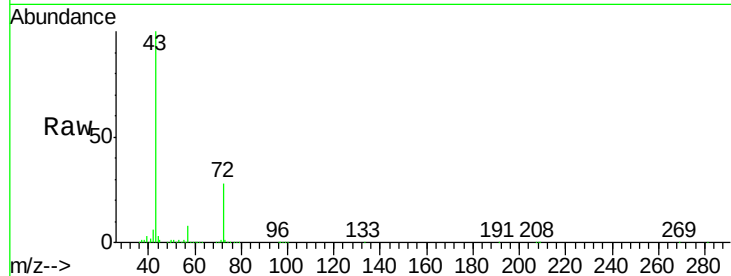
72 28.0 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.485 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX015927.D

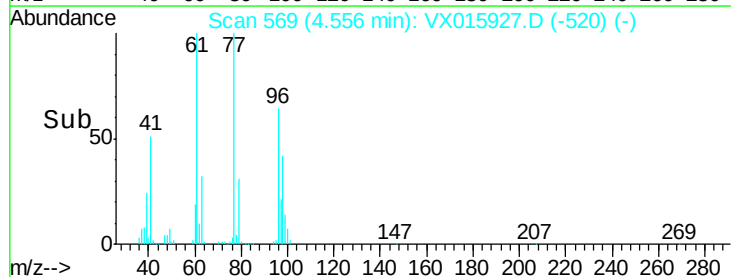
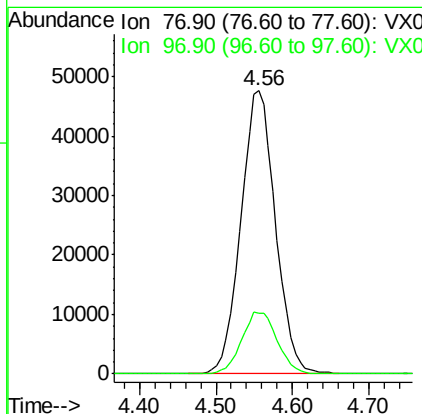
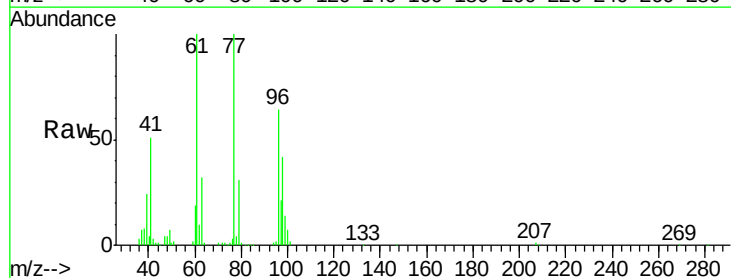
Acq: 24 Apr 2020 12:12

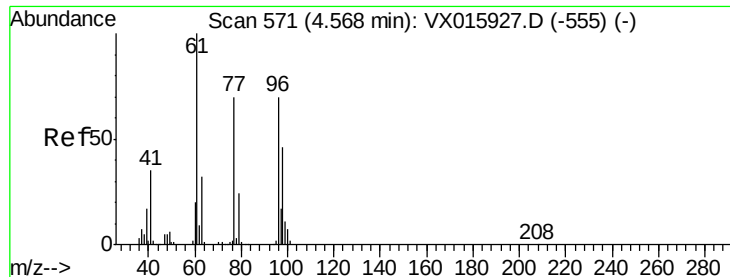
Tgt Ion: 77 Resp: 149264

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9





#27

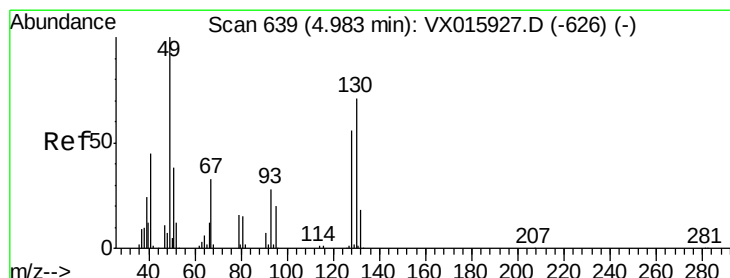
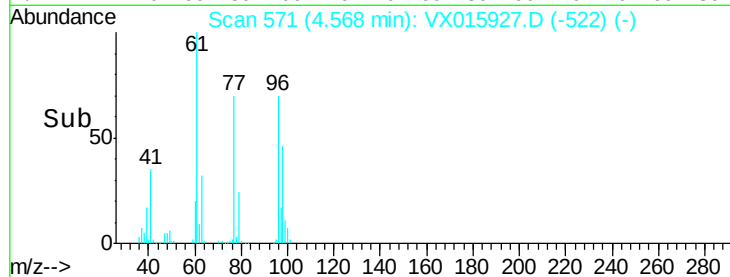
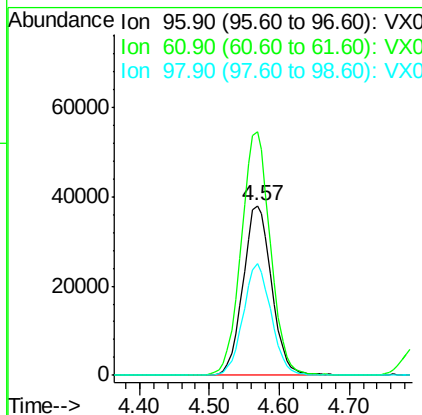
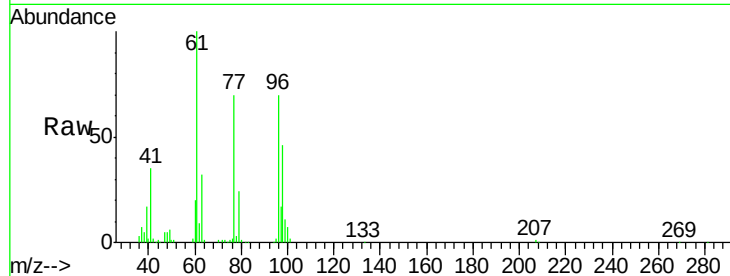
cis-1,2-Dichloroethene
Concen: 51.987 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.7	0.0	293.4	
98	64.5	0.0	129.0	

Manual Integrations
APPROVED

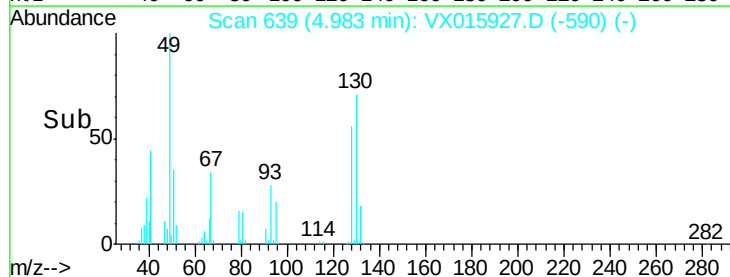
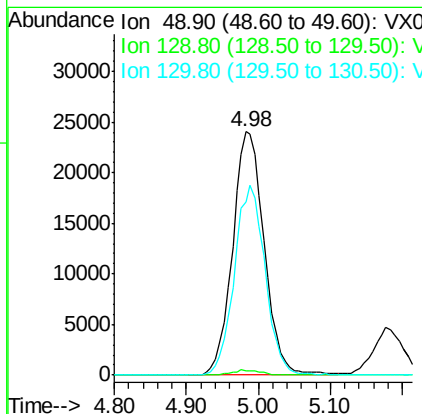
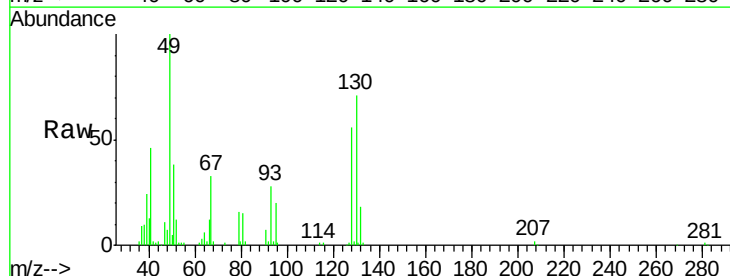
MMDadoda
4/27/2020 12:39:52 PM

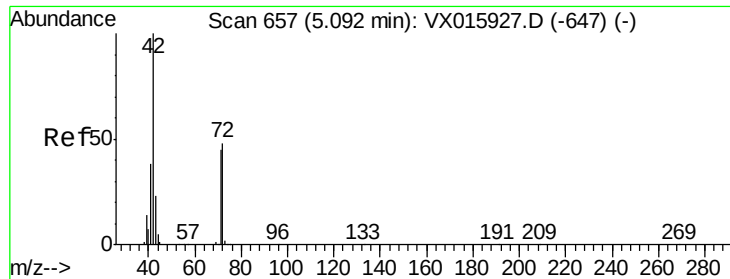


#28

Bromochloromethane
Concen: 50.497 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	75.9	60.7	91.1	





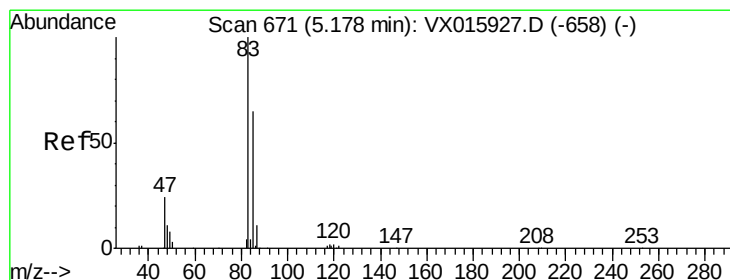
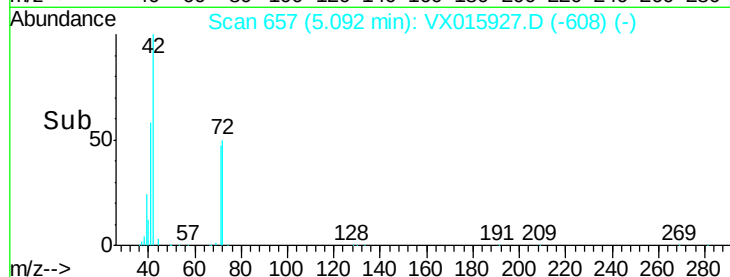
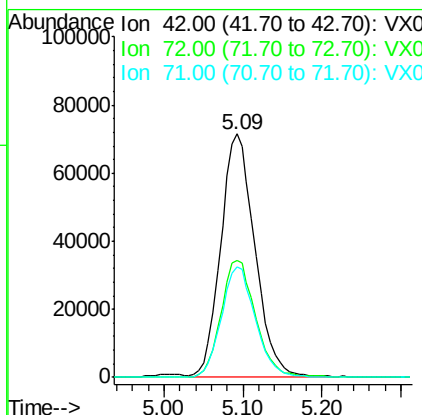
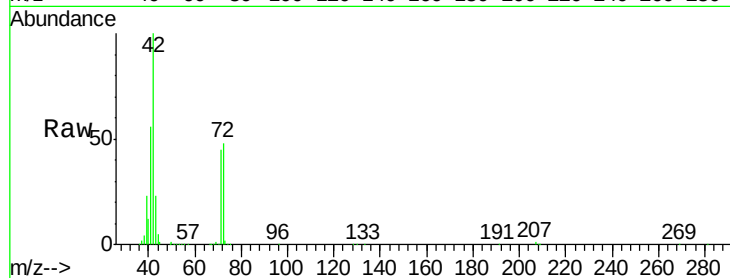
#29
Tetrahydrofuran
Concen: 263.194 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.5	59.3
71	45.5	36.4	54.6

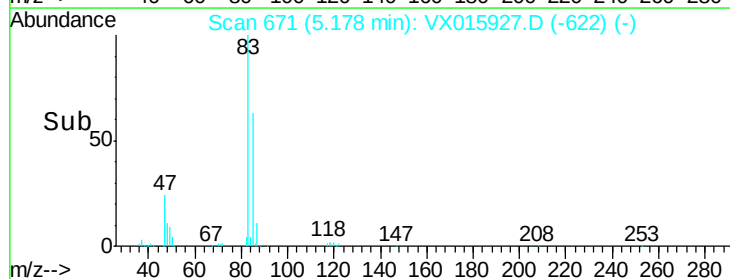
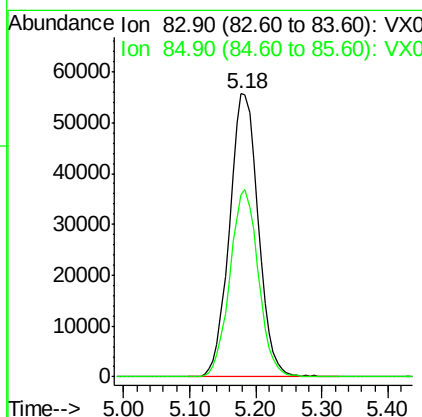
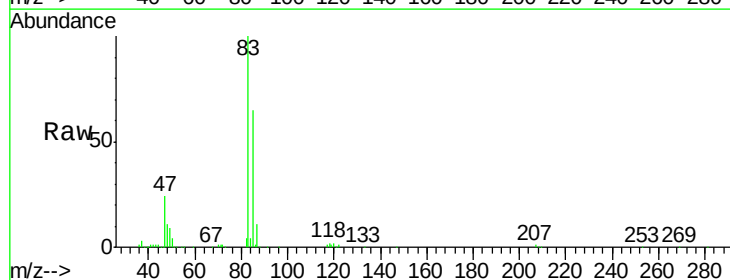
Manual Integrations
APPROVED

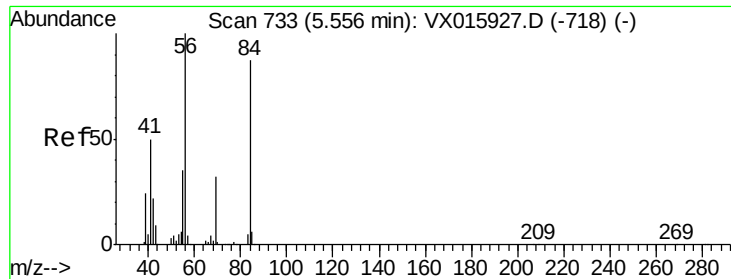
MMDadoda
4/27/2020 12:39:52 PM



#30
Chloroform
Concen: 52.444 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.7	77.5





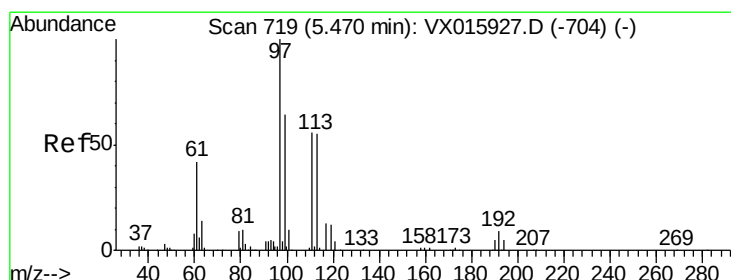
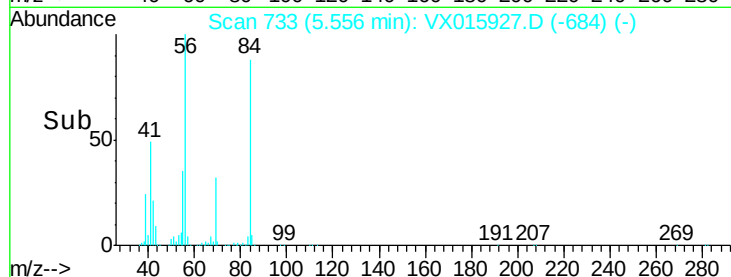
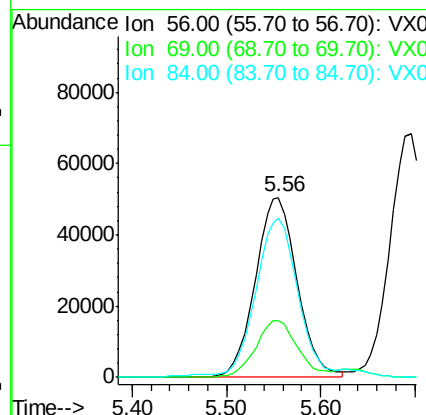
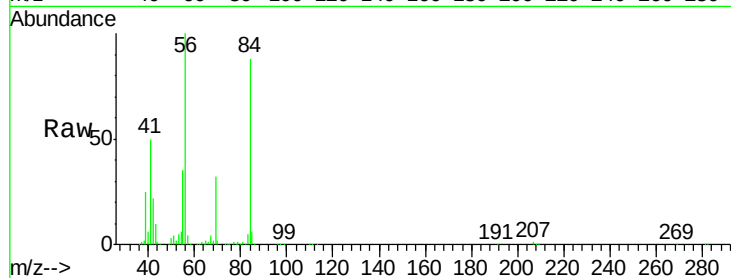
#31
Cyclohexane
Concen: 53.011 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.7	25.4	38.0	
84	86.9	69.5	104.3	

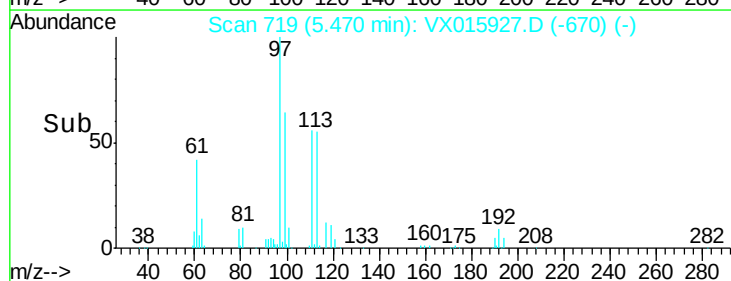
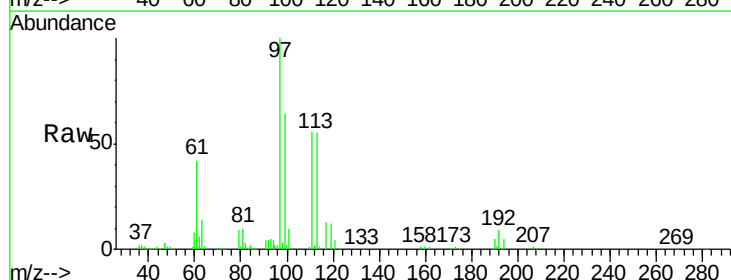
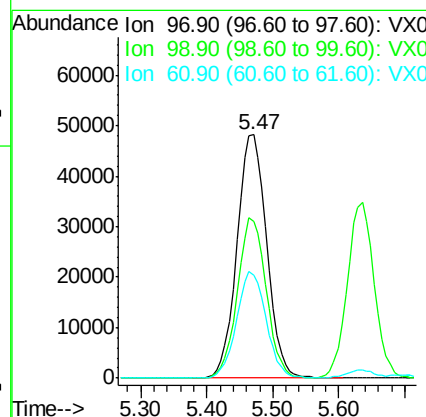
Manual Integrations
APPROVED

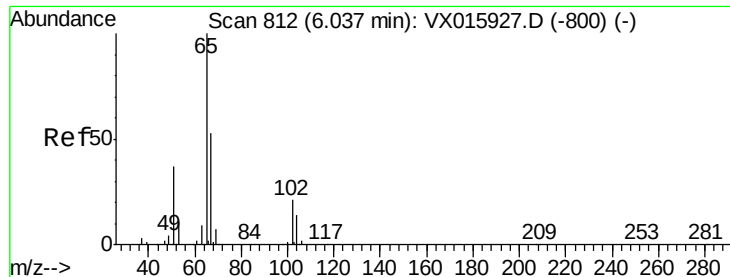
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.637 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.9	51.1	76.7	
61	43.7	35.0	52.4	





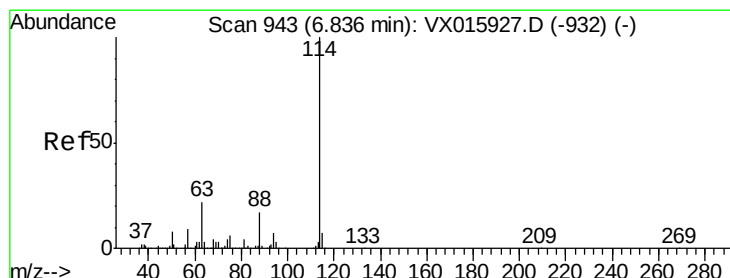
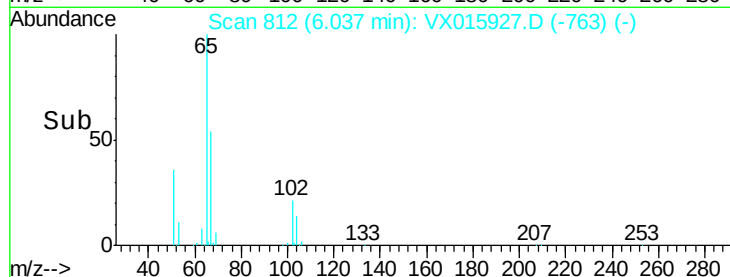
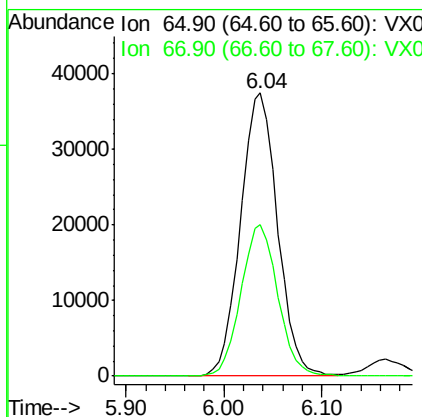
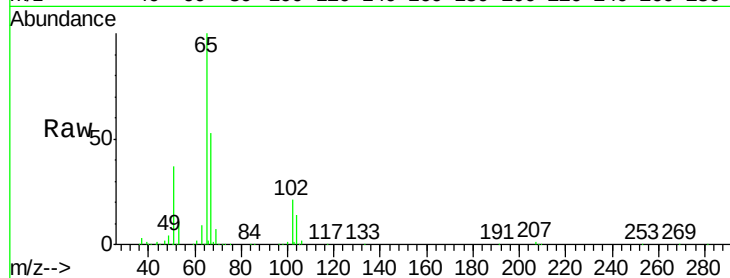
#33
 1,2-Dichloroethane-d4
 Concen: 47.872 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.6

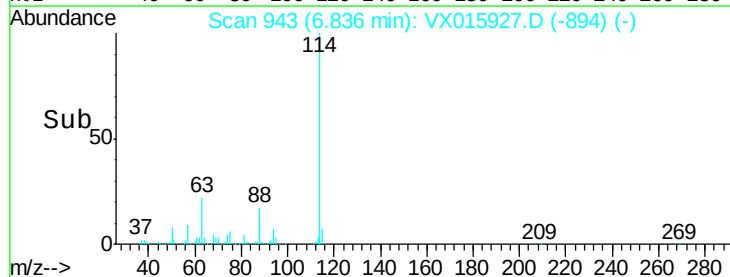
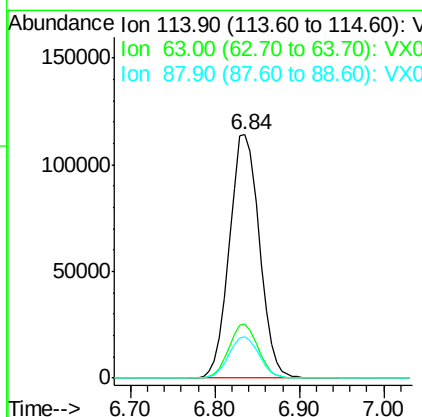
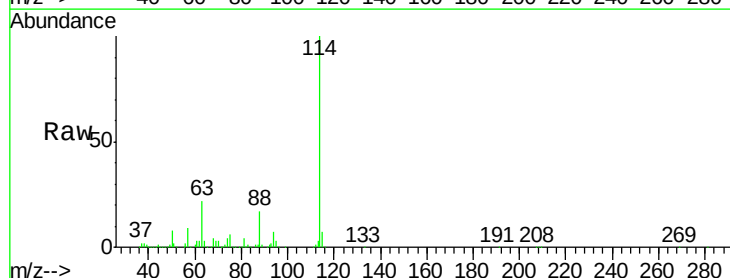
Manual Integrations
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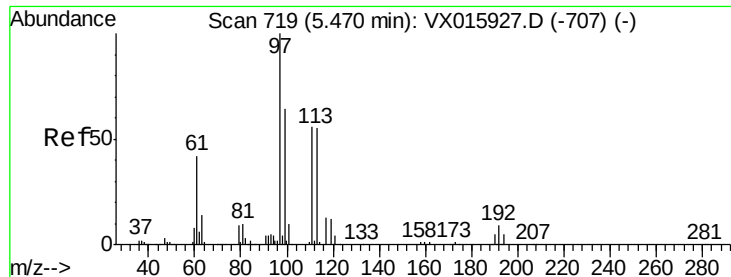
MMDadoda
 4/27/2020 12:39:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	17.1	0.0	34.2





#35

Dibromofluoromethane

Concen: 48.848 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

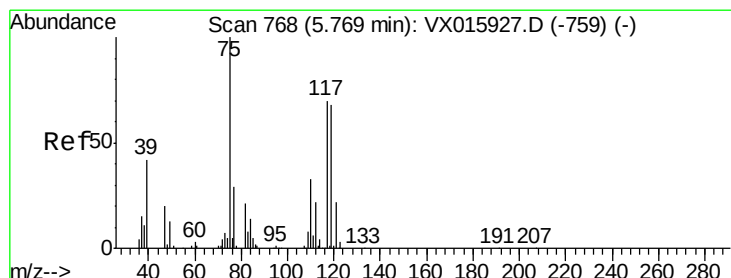
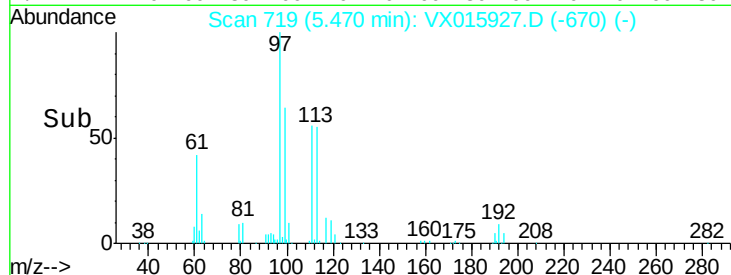
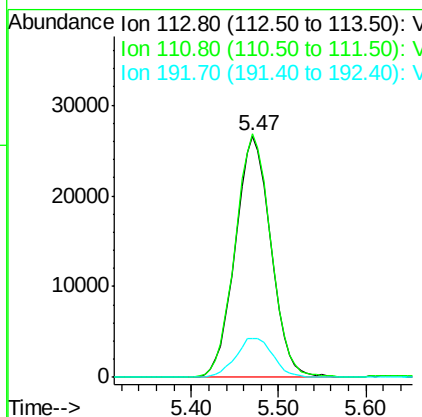
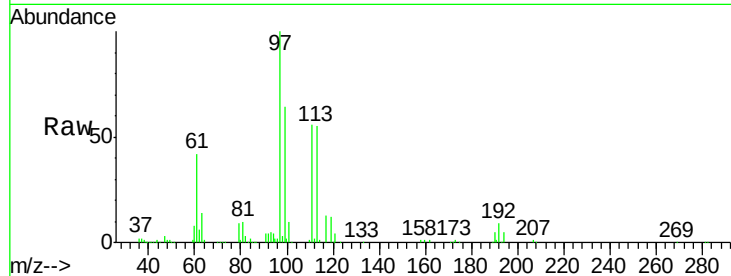
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	75107
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.2	121.8
192	17.0	13.6	20.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.890 ug/l

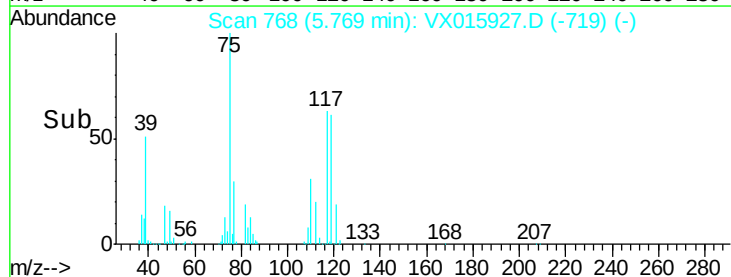
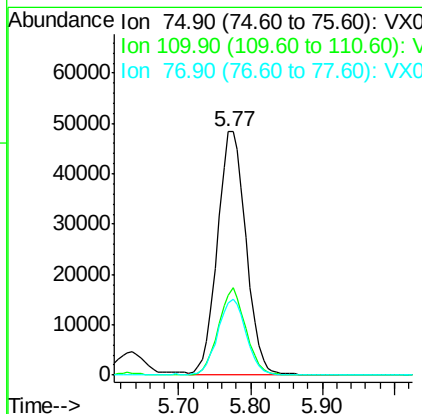
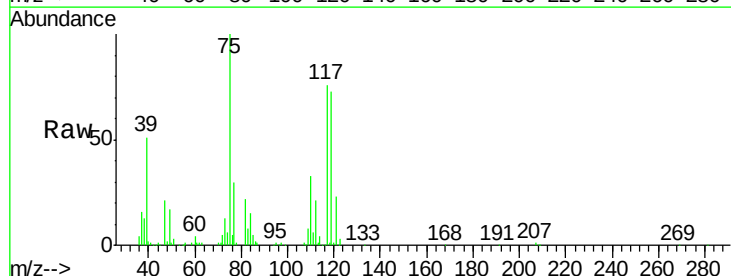
RT: 5.77 min Scan# 768

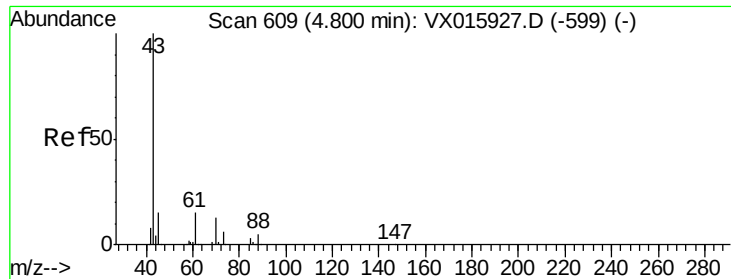
Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Tgt Ion:	75	Resp:	133044
Ion Ratio	Lower	Upper	
75	100		
110	34.2	17.1	51.3
77	31.2	25.0	37.4





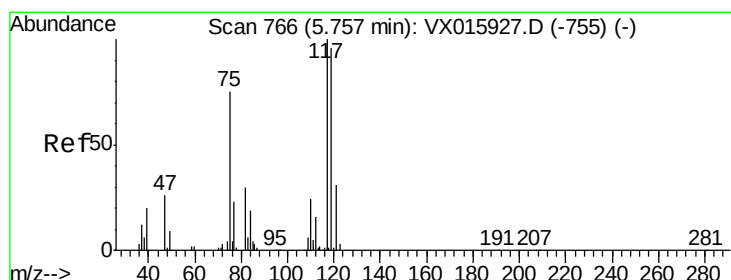
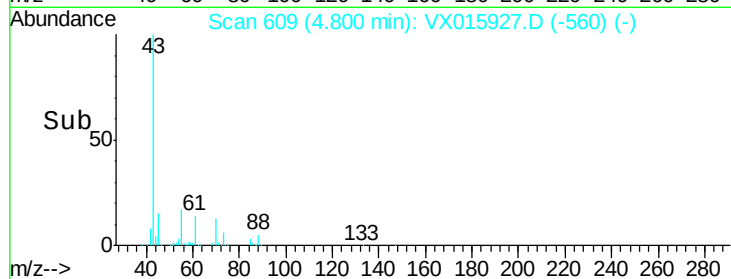
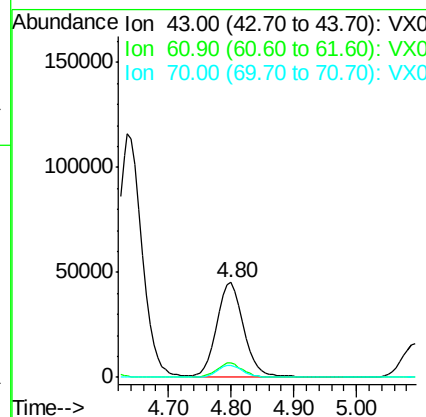
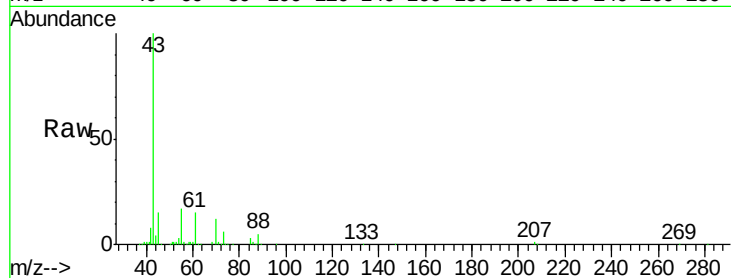
#37
Ethyl Acetate
Concen: 50.925 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	43	Resp	133272
Ion Ratio	Lower	Upper	
43	100		
61	14.5	11.6	17.4
70	12.2	9.8	14.6

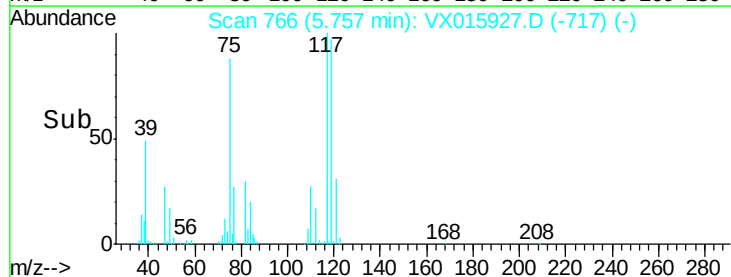
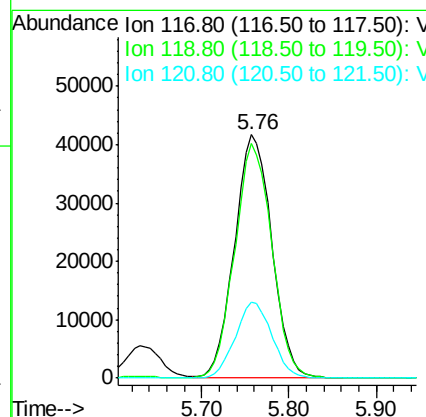
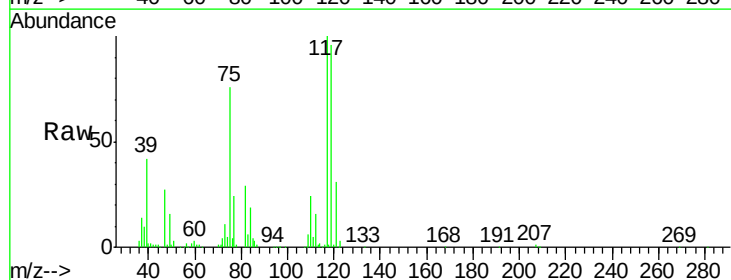
Manual Integrations
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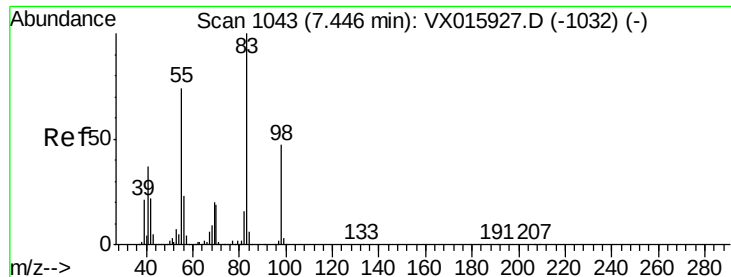
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#38
Carbon Tetrachloride
Concen: 52.240 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	117	Resp	123124
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.0	115.6
121	31.2	25.0	37.4





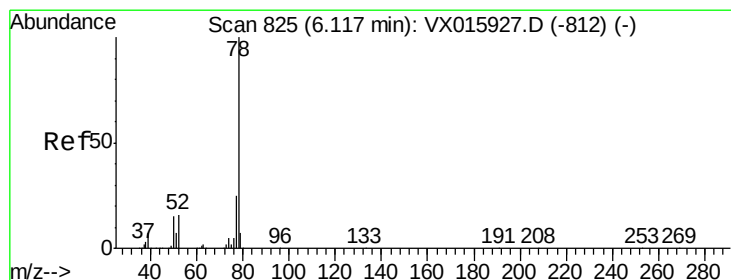
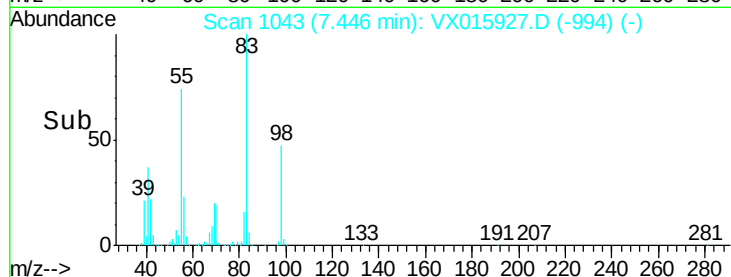
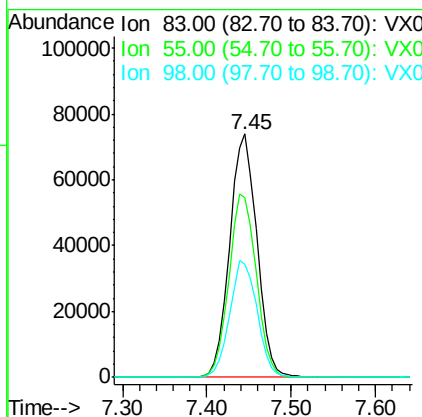
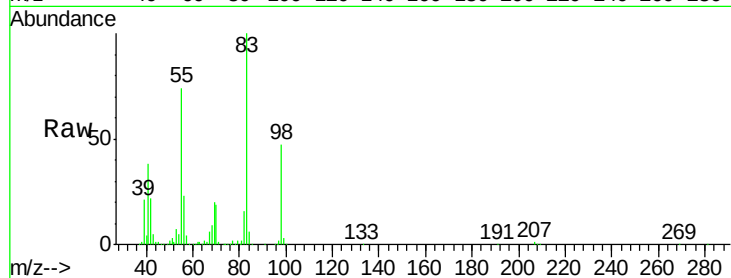
#39
Methylvlcyclohexane
Concen: 51.367 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.0	88.4
98	46.7	37.4	56.0

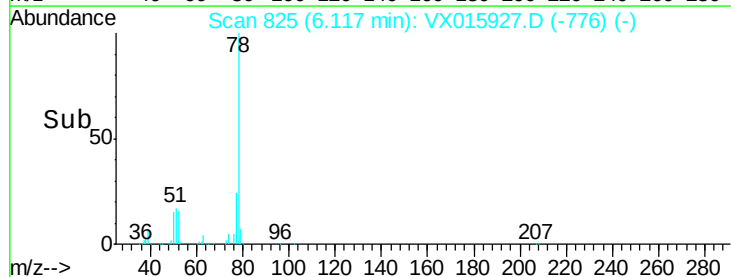
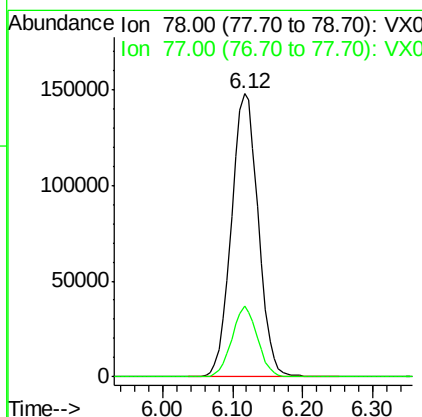
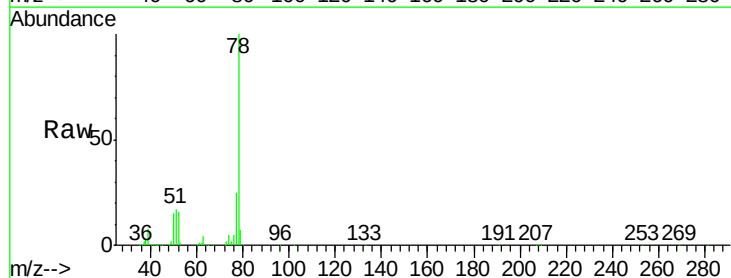
Manual Integrations
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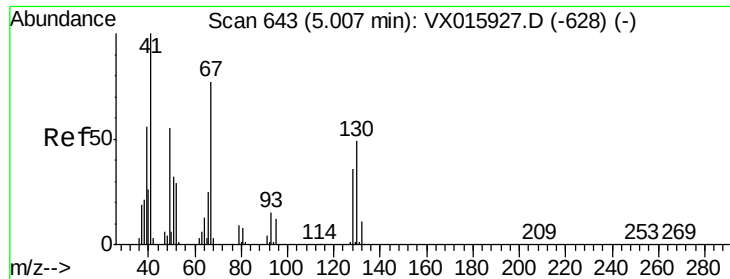
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#40
Benzene
Concen: 52.100 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.8	29.8





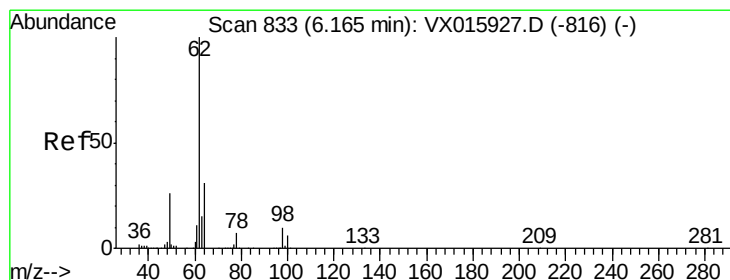
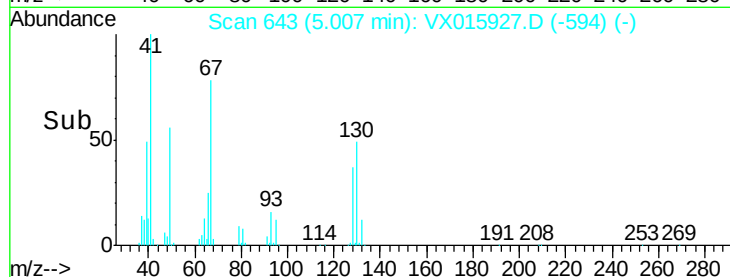
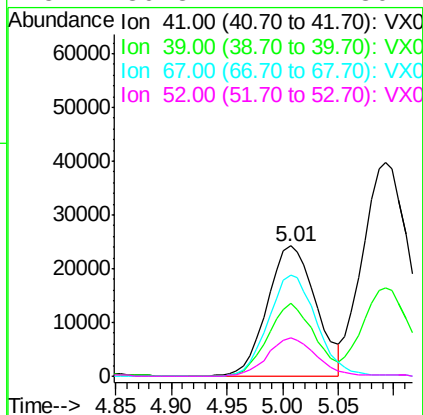
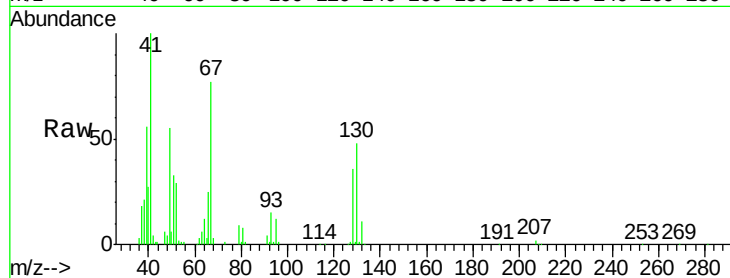
#41
Methacrylonitrile
Concen: 48.937 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	42.8	64.2	
67	77.5	62.0	93.0	
52	30.3	24.2	36.4	

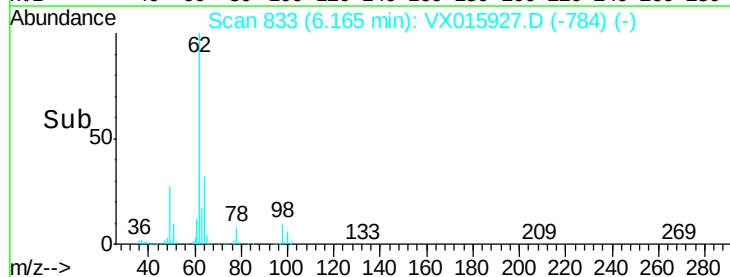
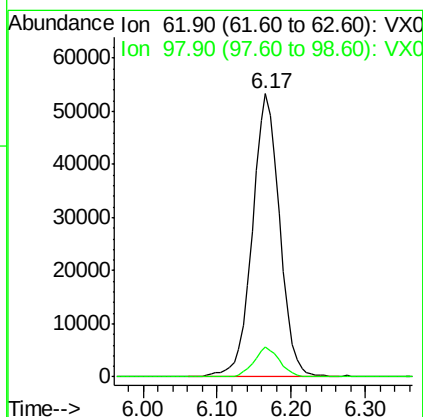
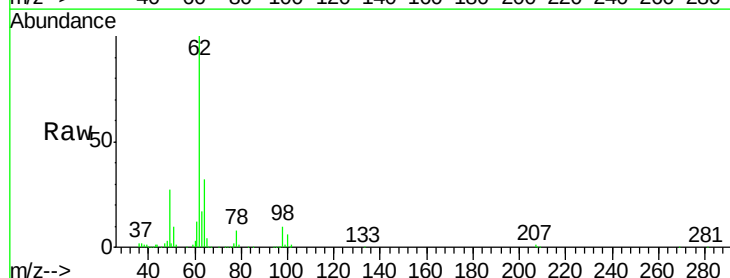
Manual Integrations
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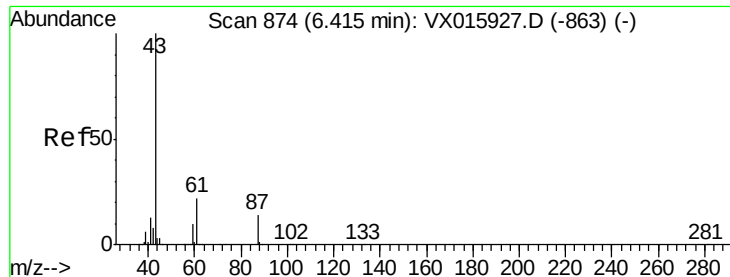
MMDadoda
4/27/2020 12:39:52 PM



#42
1,2-Dichloroethane
Concen: 51.642 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.0	





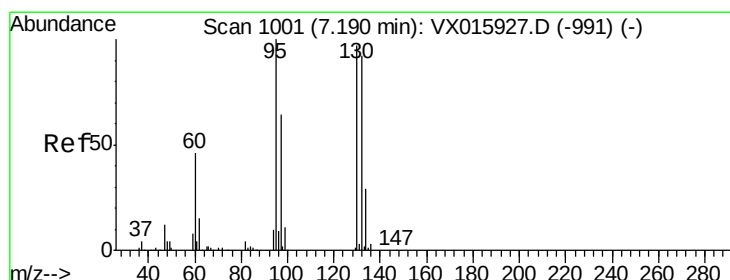
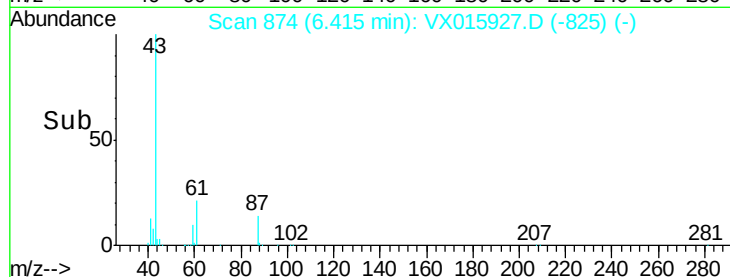
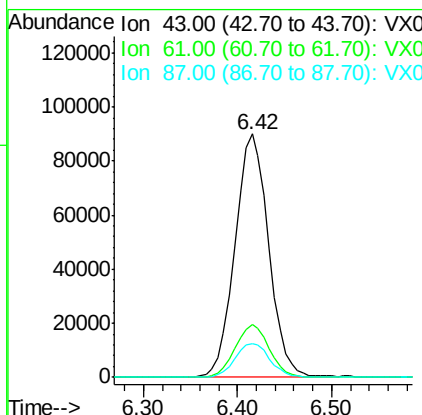
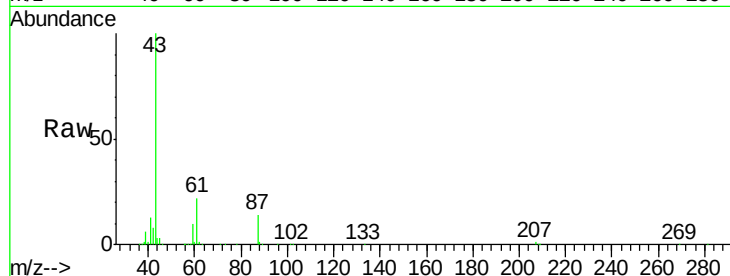
#43
Isopropyl Acetate
Concen: 52.791 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.6	26.4
87	14.5	11.6	17.4

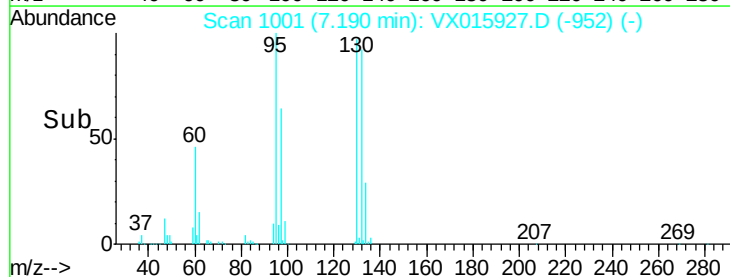
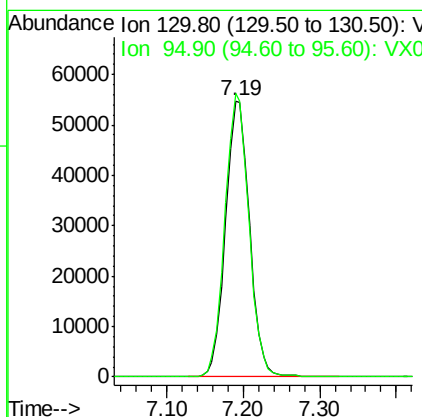
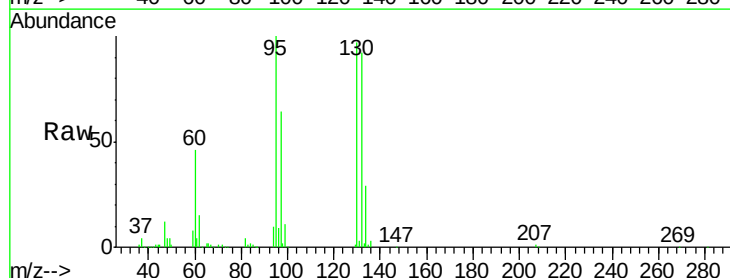
Manual Integrations
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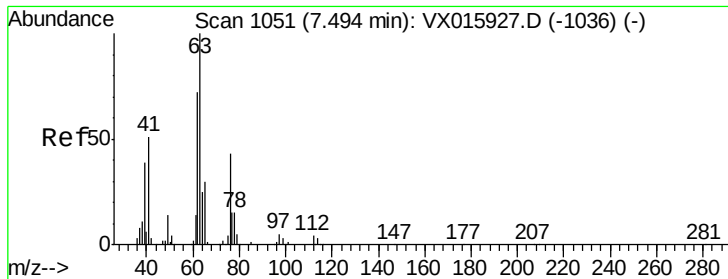
MMDadoda
4/27/2020 12:39:52 PM



#44
Trichloroethene
Concen: 50.538 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	205.2





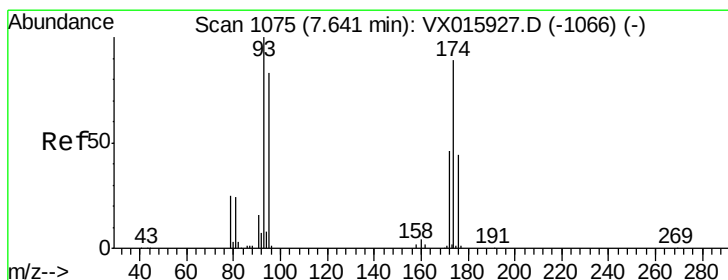
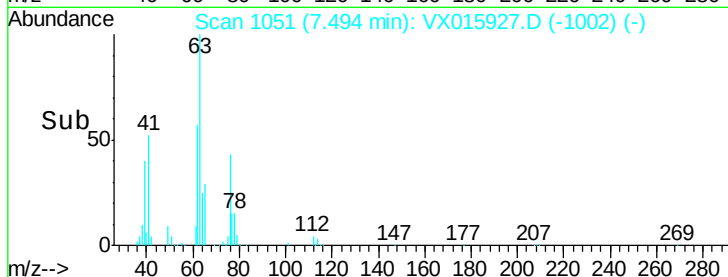
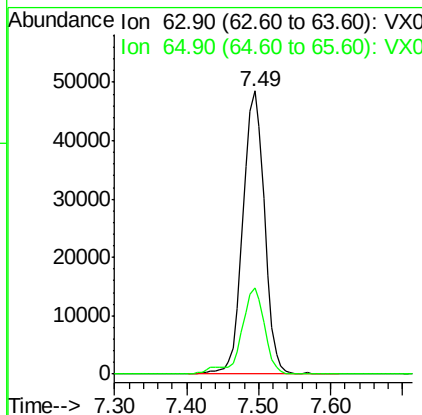
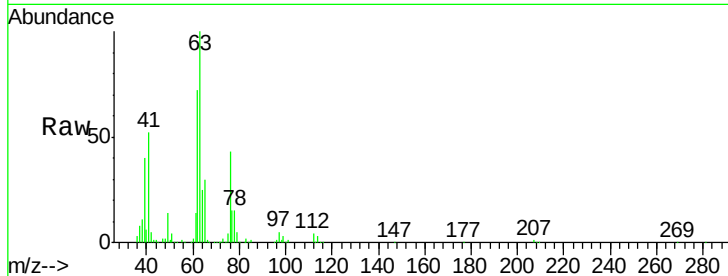
#45
 1,2-Dichloropropane
 Concen: 52.286 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.3	36.5

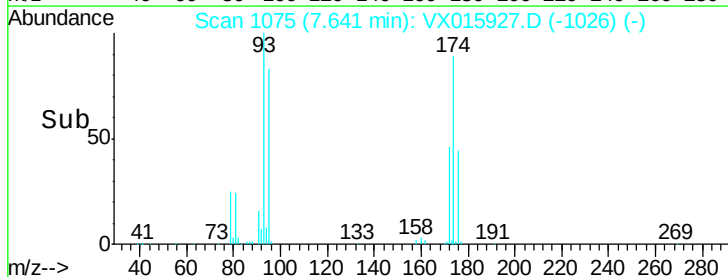
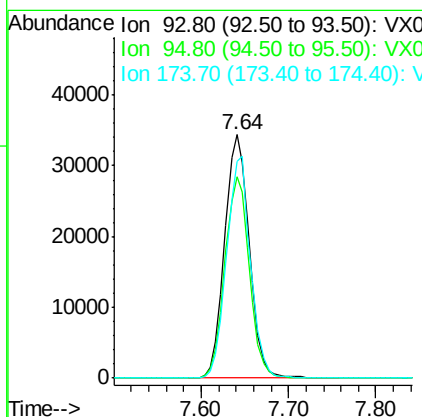
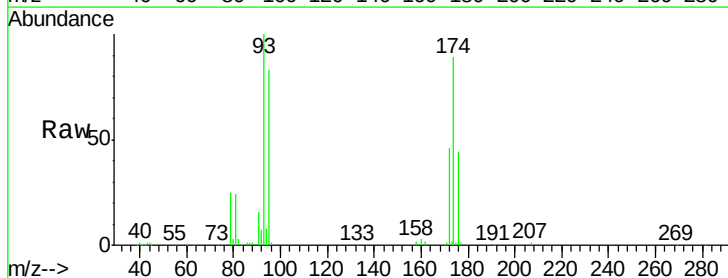
Manual Integrations
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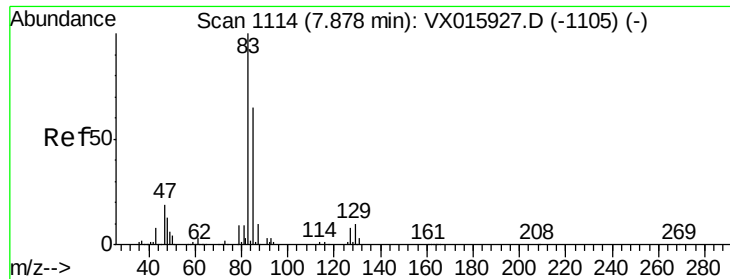
MMDadoda
 4/27/2020 12:39:52 PM



#46
 Dibromomethane
 Concen: 51.935 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.7	98.5
174	88.2	70.6	105.8





#47

Bromodichloromethane

Concen: 52.888 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

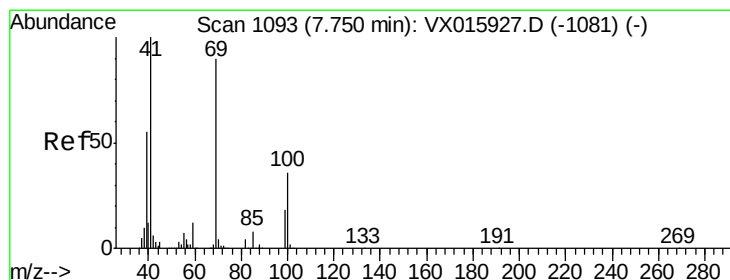
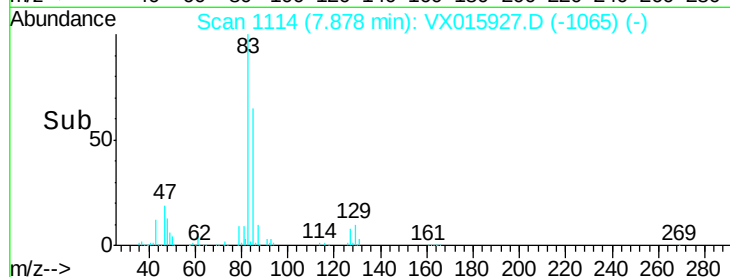
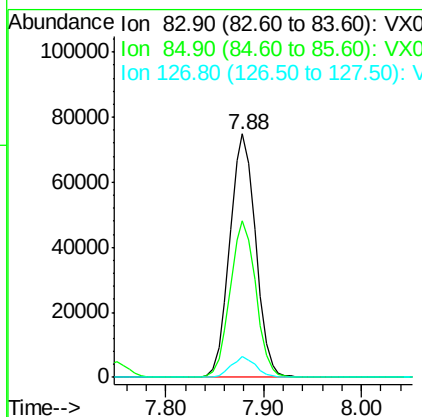
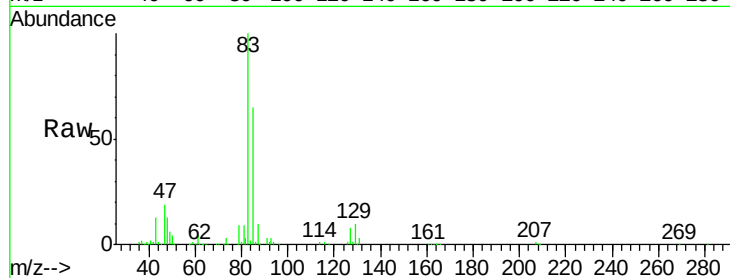
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	137529
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4
127	8.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.593 ug/l

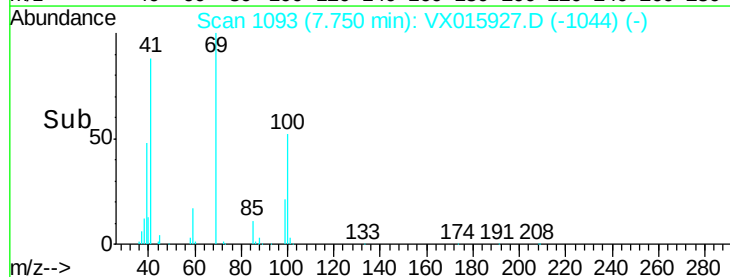
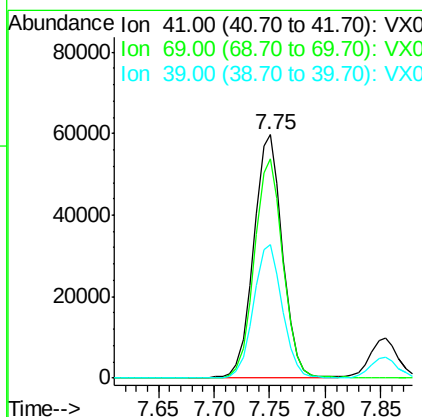
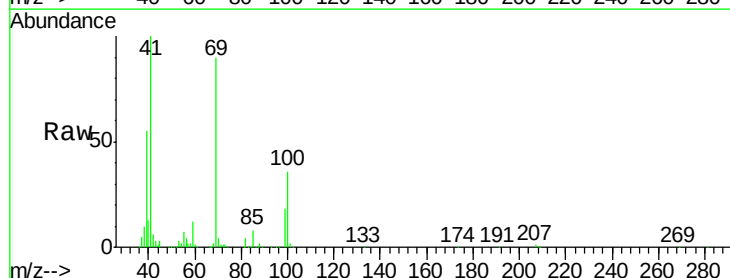
RT: 7.75 min Scan# 1093

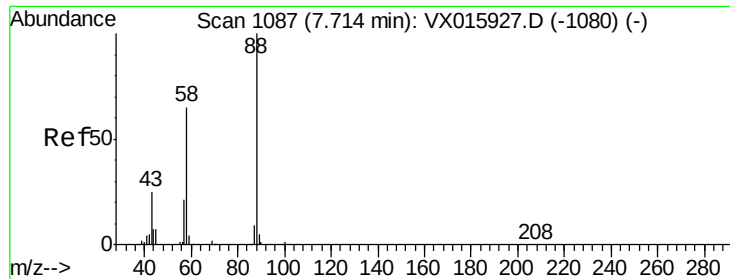
Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Tgt Ion:	41	Resp:	107452
Ion	Ratio	Lower	Upper
41	100		
69	90.0	72.0	108.0
39	55.1	44.1	66.1





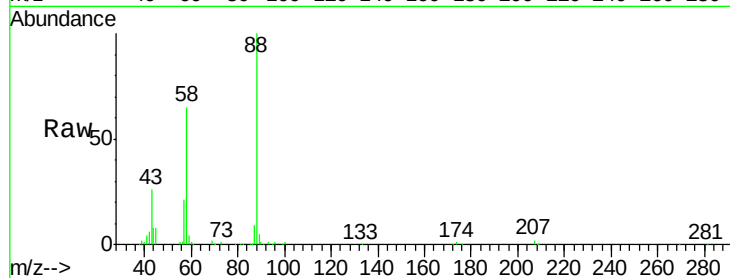
#49
1,4-Dioxane
Concen: 1038.631 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

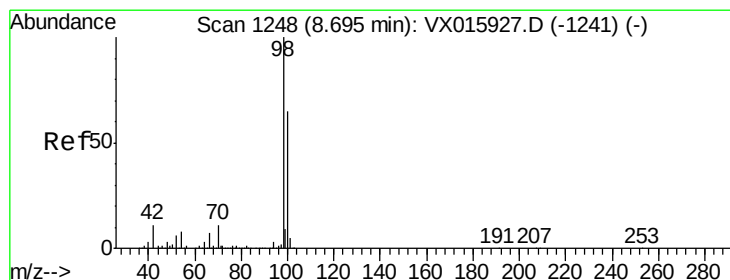
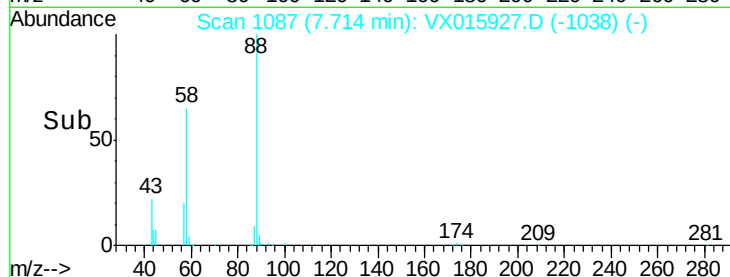
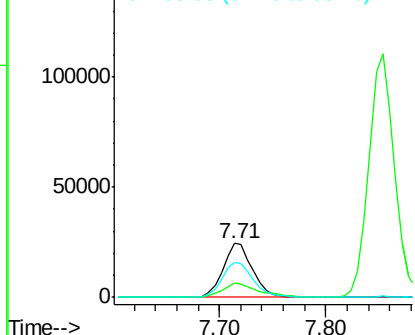
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.8	35.8
58	69.6	55.7	83.5

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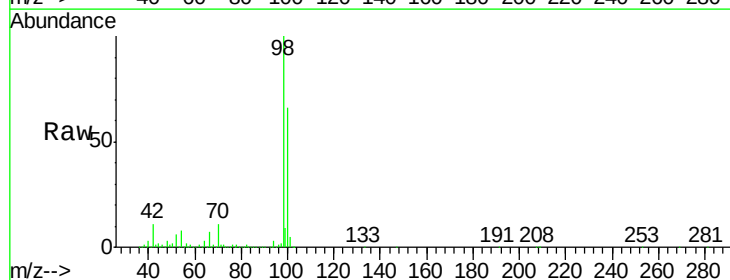


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

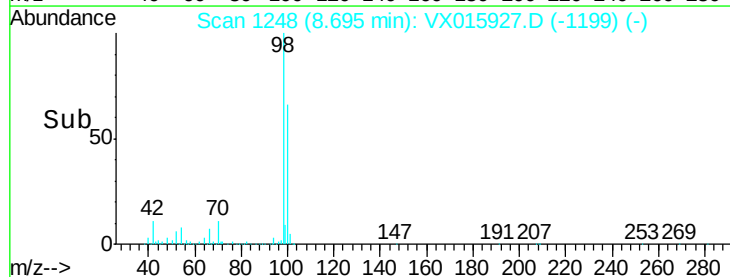
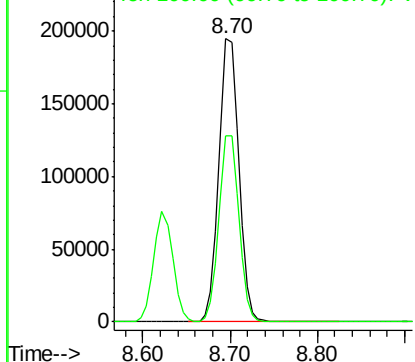


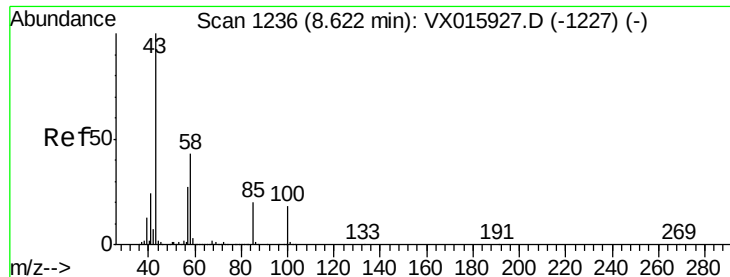
#50
Toluene-d8
Concen: 49.556 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





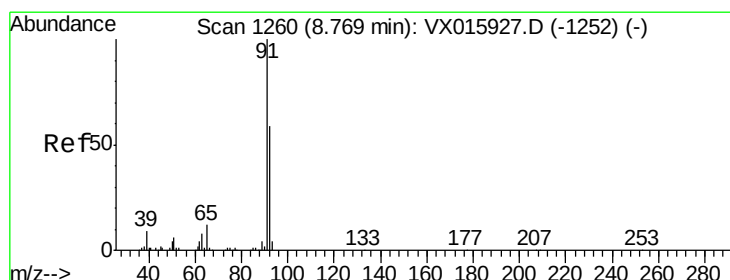
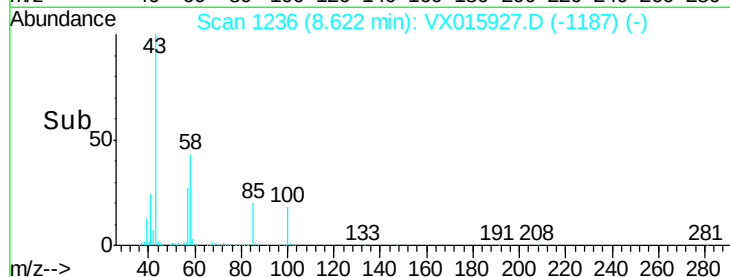
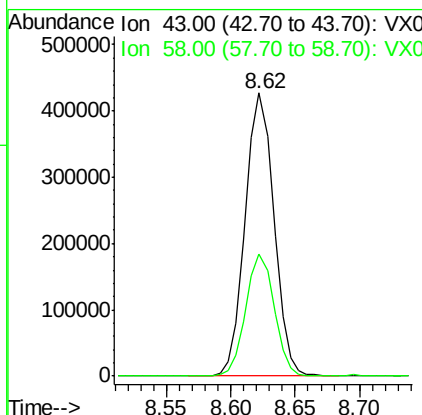
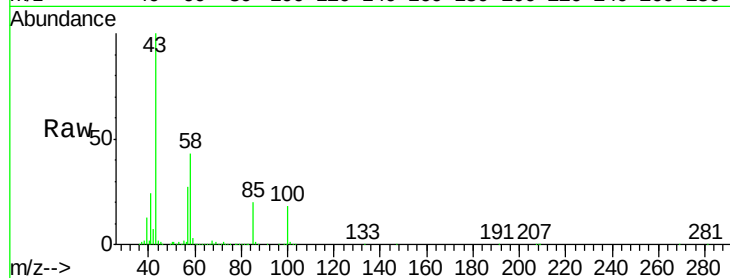
#51
4-Methyl-2-Pentanone
Concen: 270.446 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.8	34.2	51.4

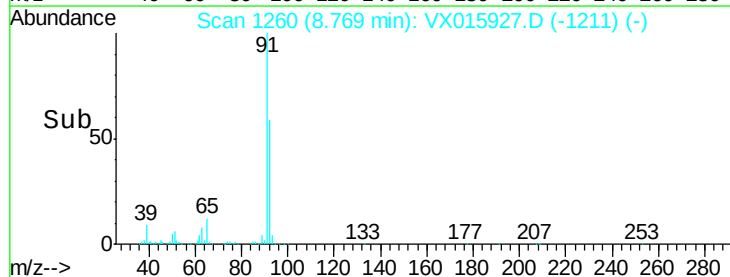
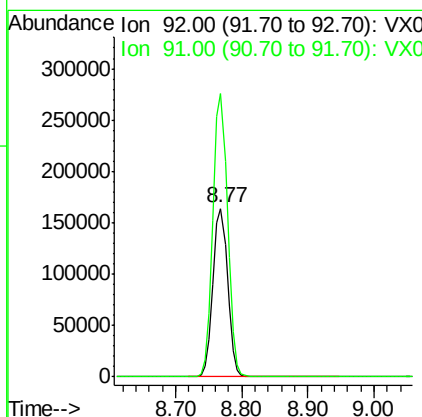
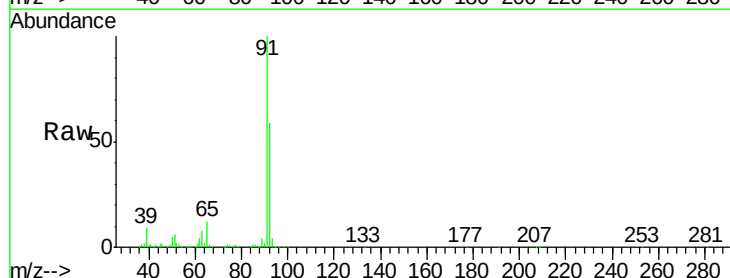
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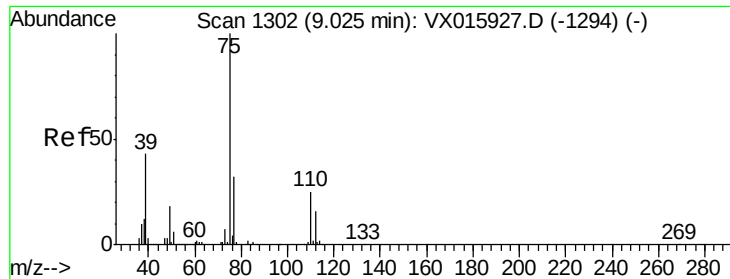
MMDadoda
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#52
Toluene
Concen: 52.571 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.5	134.0	201.0





#53

t-1,3-Dichloropropene

Concen: 53.031 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Tot Ion: 75 Resp: 166761

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

Instrument :

MSVOA_X

ClientSampled :

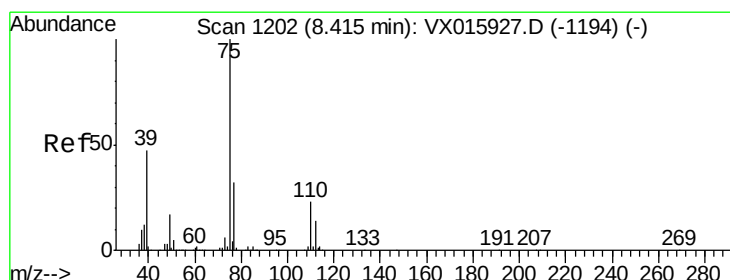
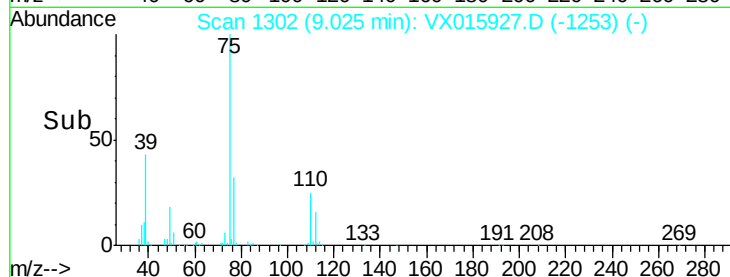
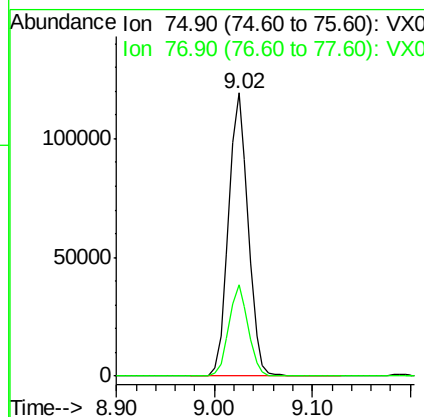
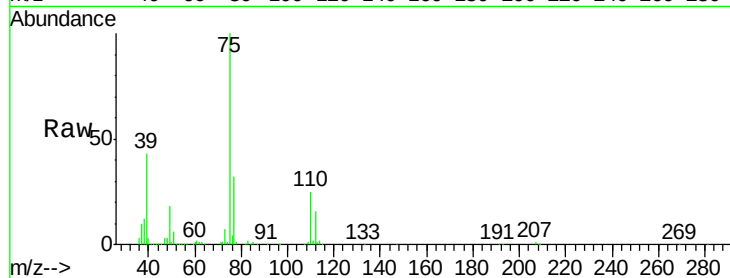
VSTDICCC050

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 53.435 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

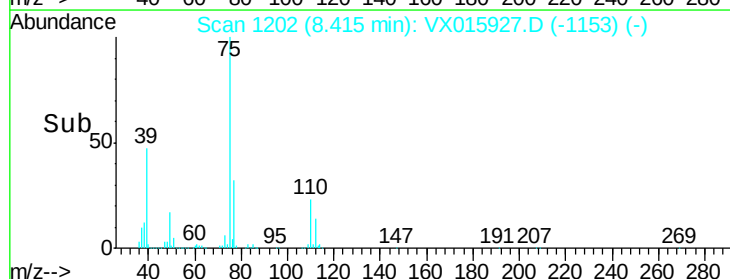
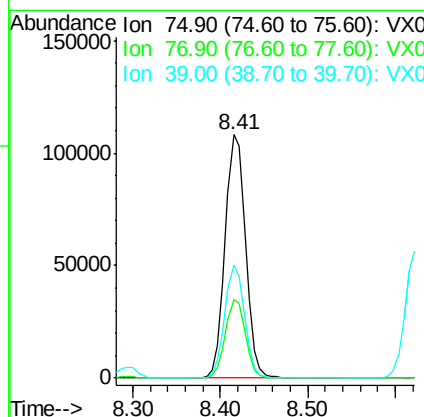
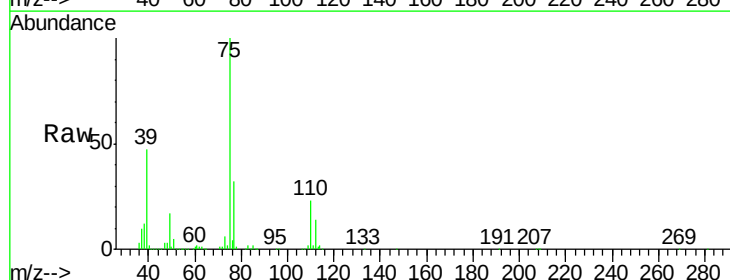
Tgt Ion: 75 Resp: 175644

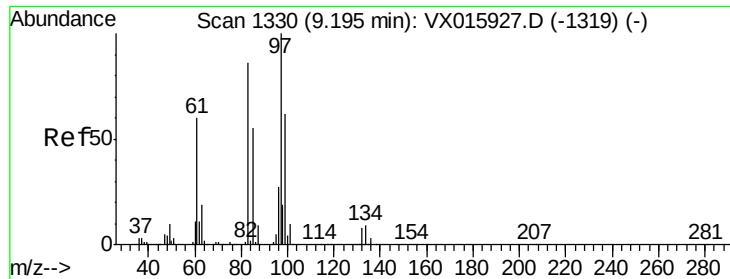
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

39 46.5 37.2 55.8





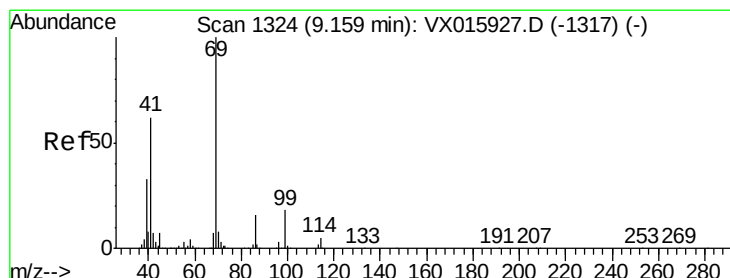
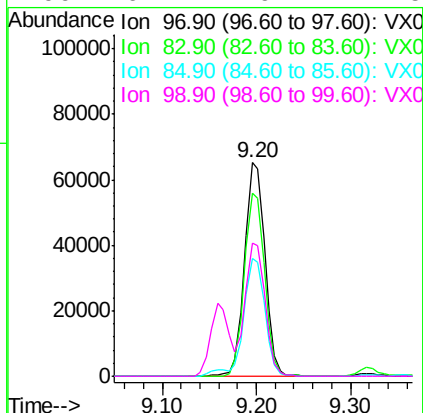
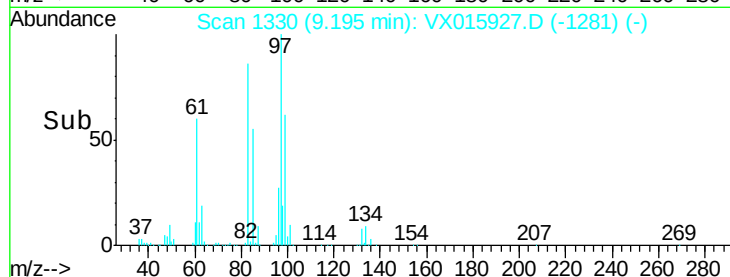
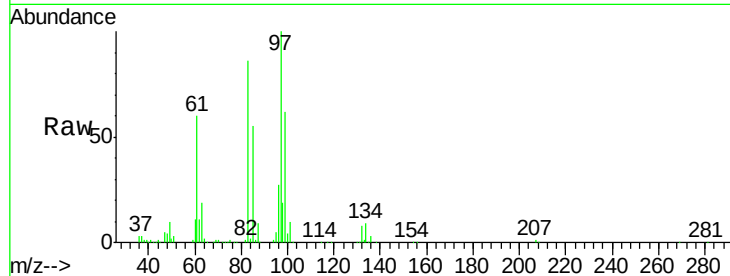
#55
 1,1,2-Trichloroethane
 Concen: 51.505 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	99111
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.6	103.0
85	55.0	44.0	66.0
99	62.1	49.7	74.5

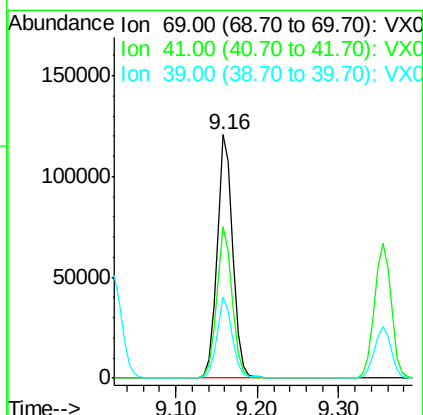
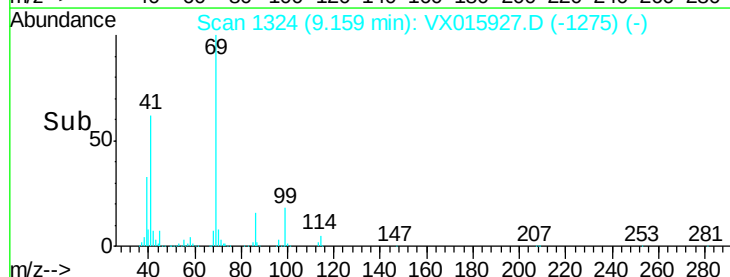
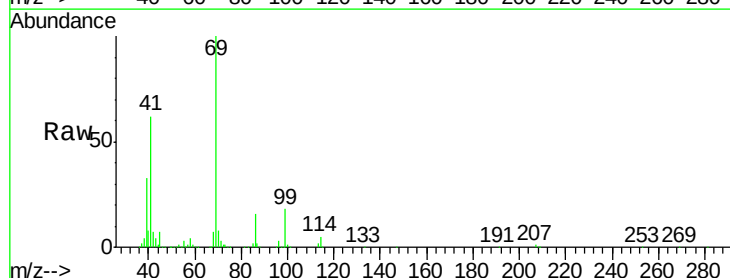
Manual Integrations
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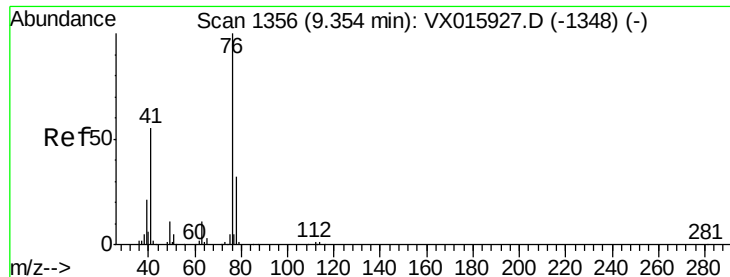
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 4/27/2020 12:39:52 PM



#56
 Ethyl methacrylate
 Concen: 54.710 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion:	69	Resp:	164091
Ion	Ratio	Lower	Upper
69	100		
41	61.5	49.2	73.8
39	32.5	26.0	39.0





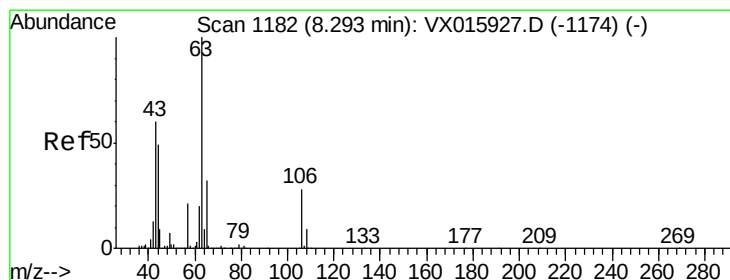
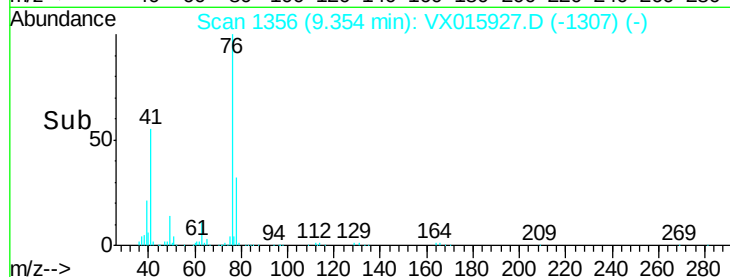
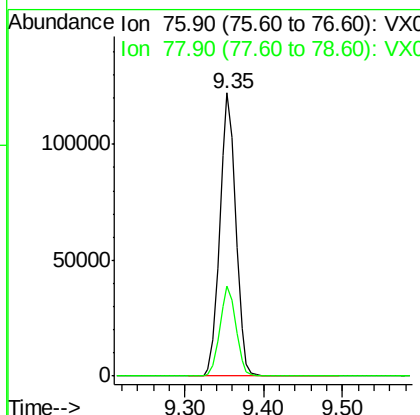
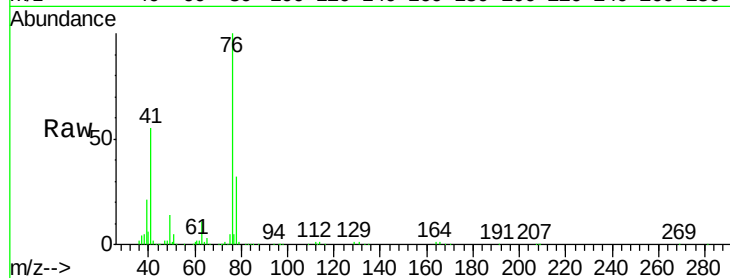
#57
 1,3-Dichloropropane
 Concen: 52.886 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

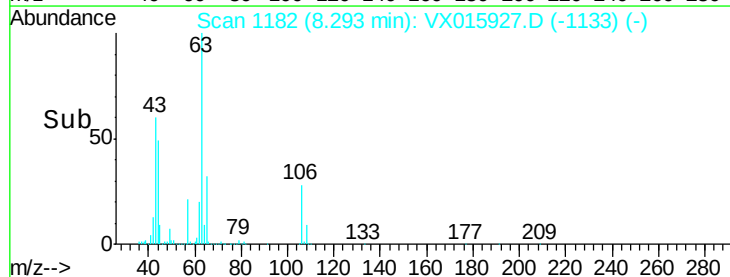
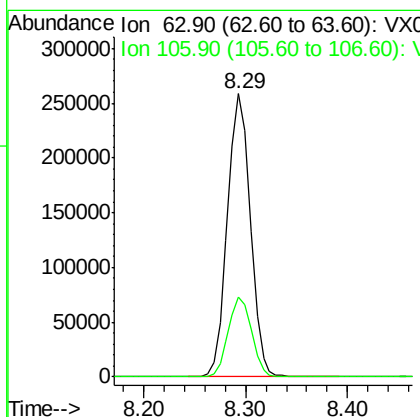
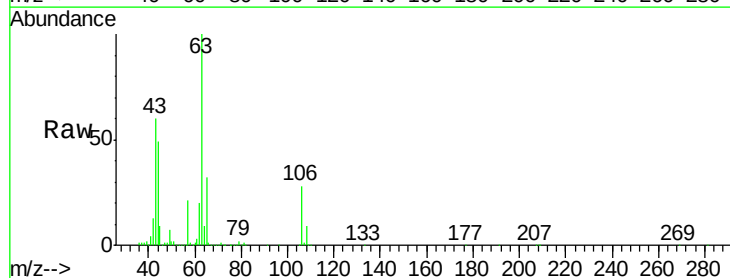
Manual Integrations
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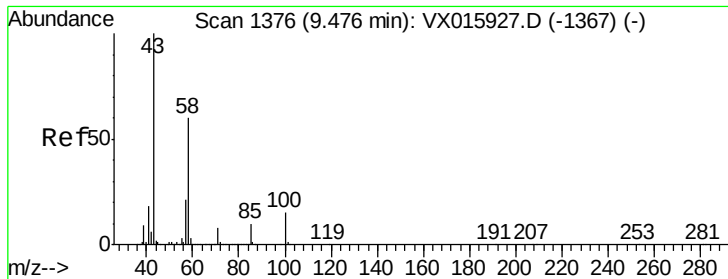
MMDadoda
 4/27/2020 12:39:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.875 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.0	34.6





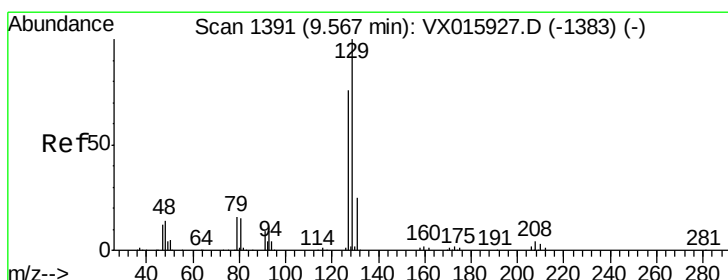
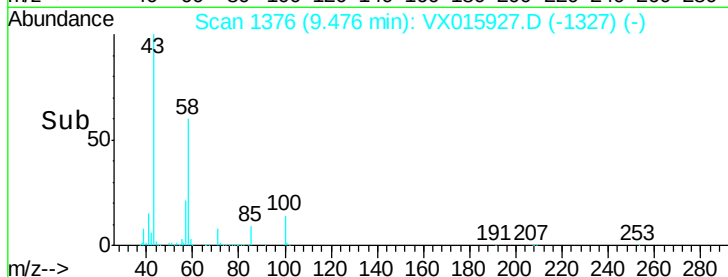
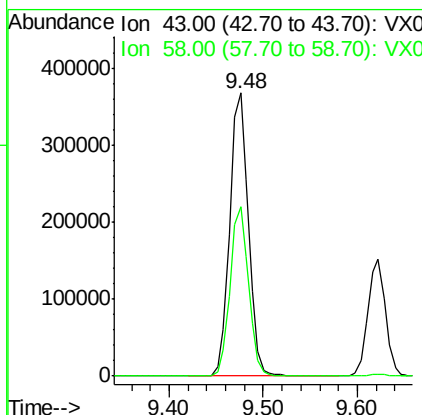
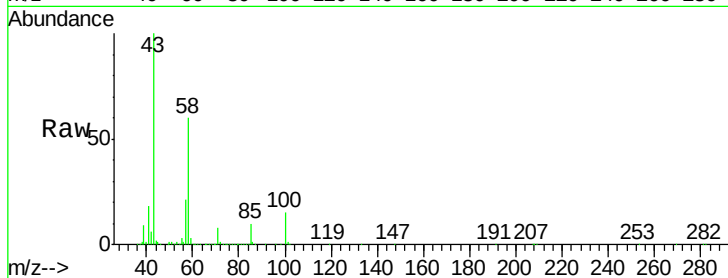
#59
2-Hexanone
Concen: 274.432 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.4	29.7	89.1

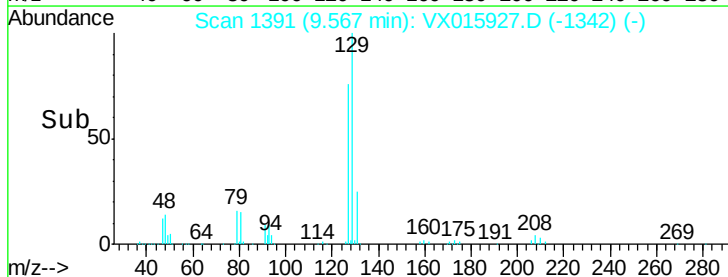
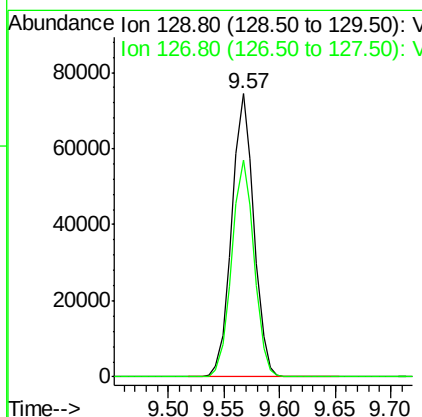
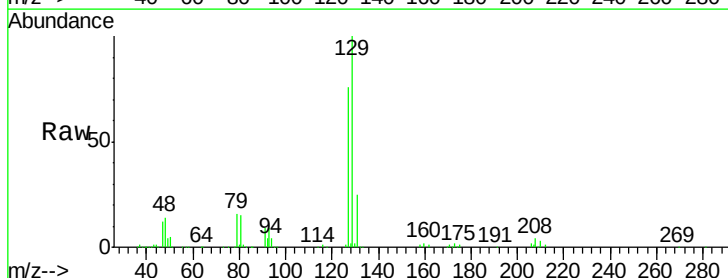
Manual Integrations
APPROVED

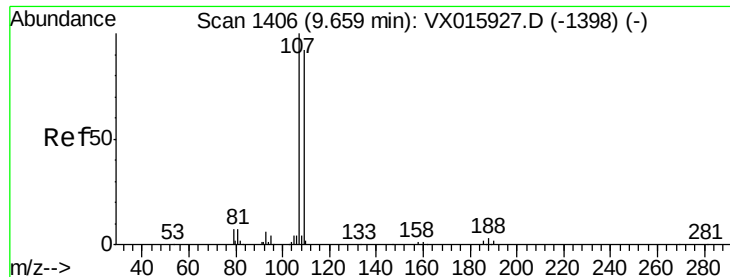
MMDadoda
4/27/2020 12:39:52 PM



#60
Dibromochloromethane
Concen: 55.626 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.3





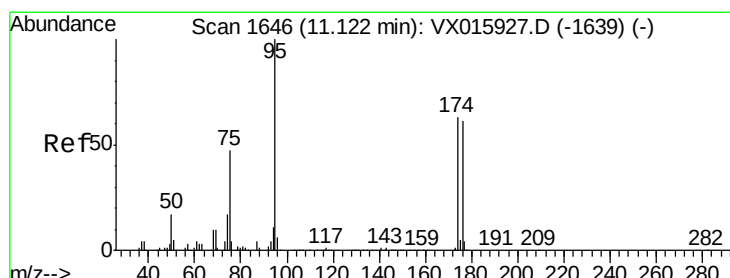
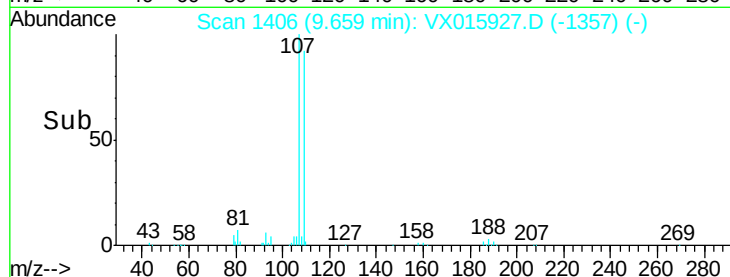
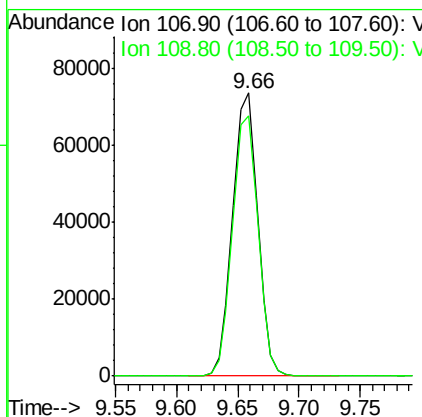
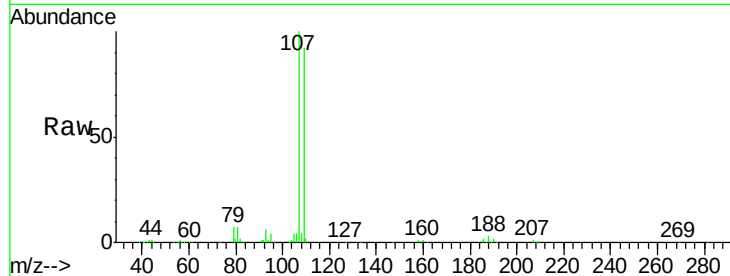
#61
 1,2-Dibromoethane
 Concen: 53.305 ug/l
 RT: 9.66 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7

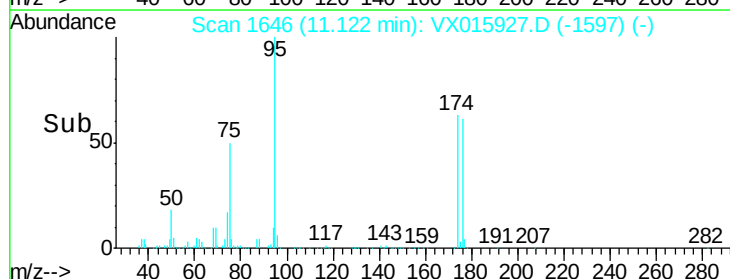
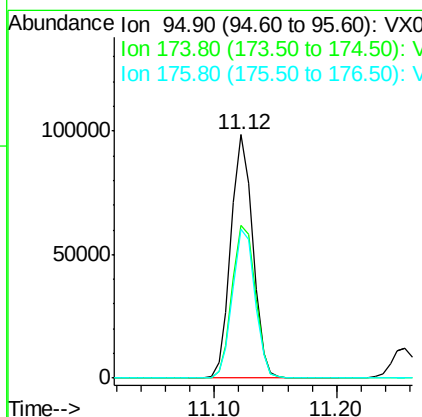
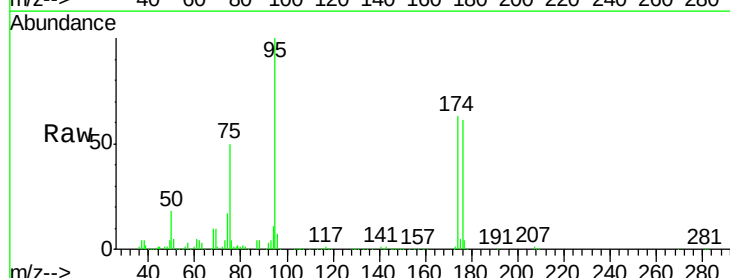
Manual Integrations
 APPROVED

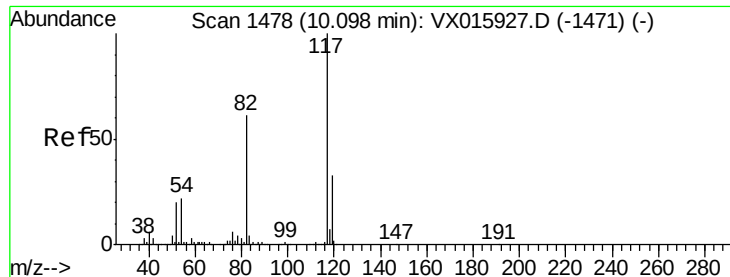
MMDadoda
 4/27/2020 12:39:52 PM



#62
 4-Bromofluorobenzene
 Concen: 46.042 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	133.6
176	63.0	0.0	126.0





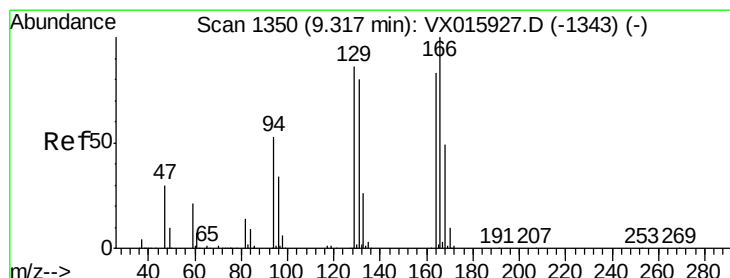
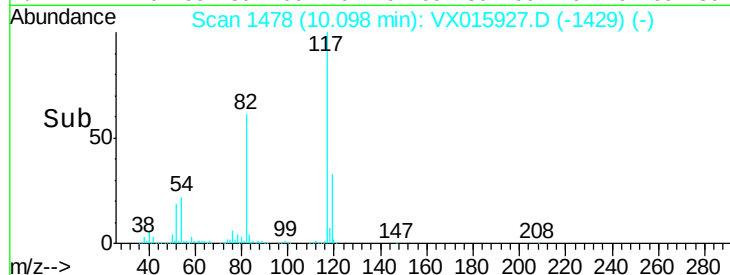
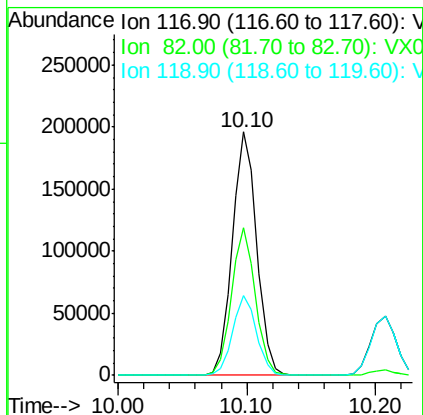
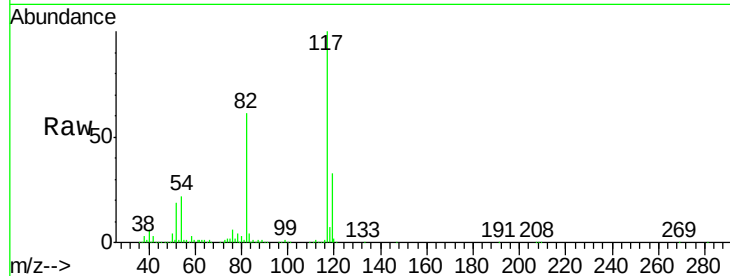
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	259617		
82	60.6	48.5	72.7	
119	32.8	26.2	39.4	

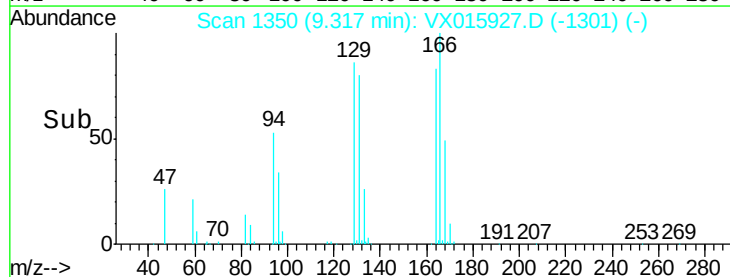
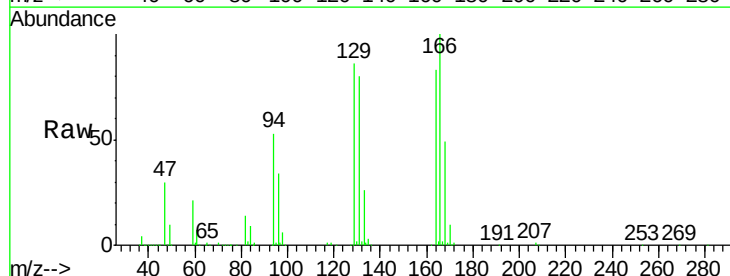
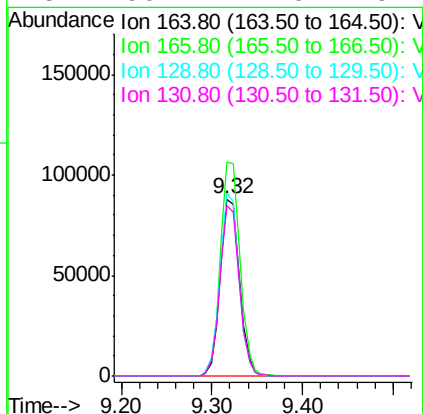
Manual Integrations
APPROVED

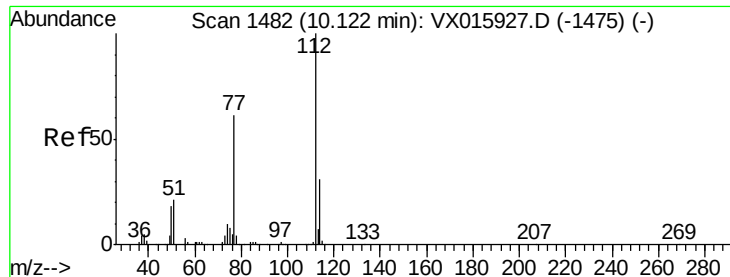
MMDadoda
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#64
Tetrachloroethene
Concen: 51.078 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	131682		
166	120.9	96.7	145.1	
129	103.5	82.8	124.2	
131	96.2	77.0	115.4	





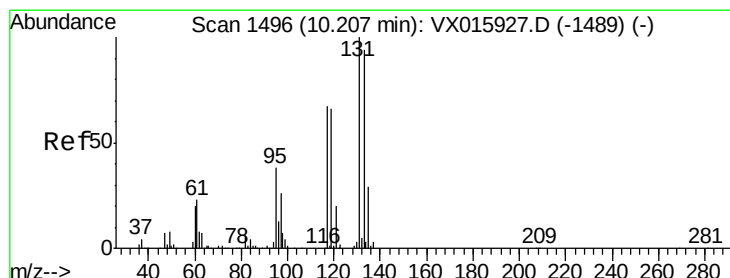
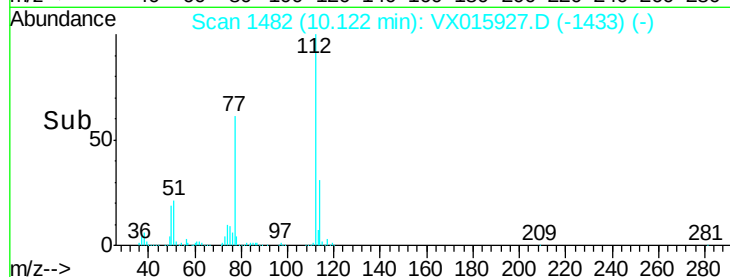
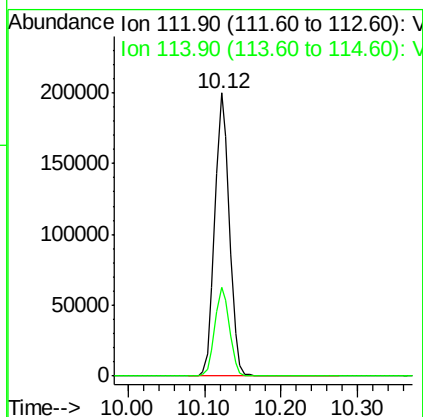
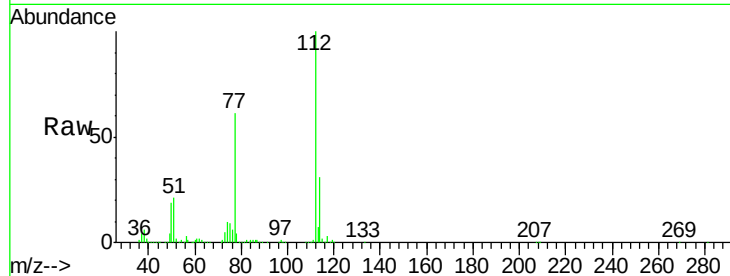
#65
Chlorobenzene
Concen: 52.324 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 264337
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8

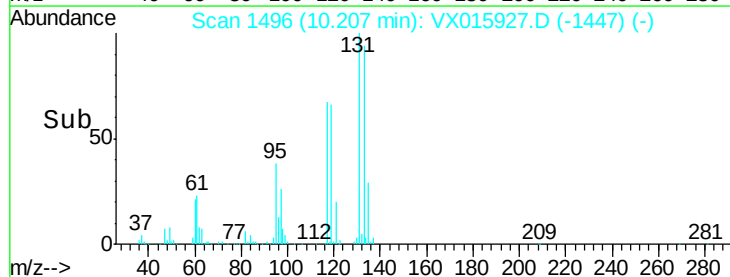
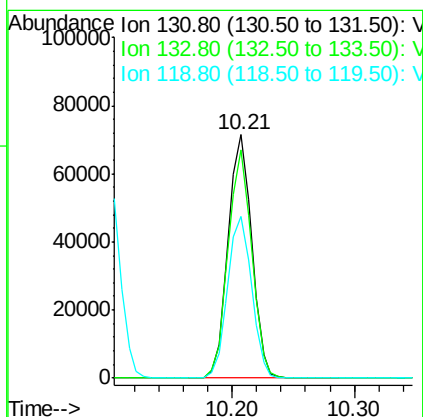
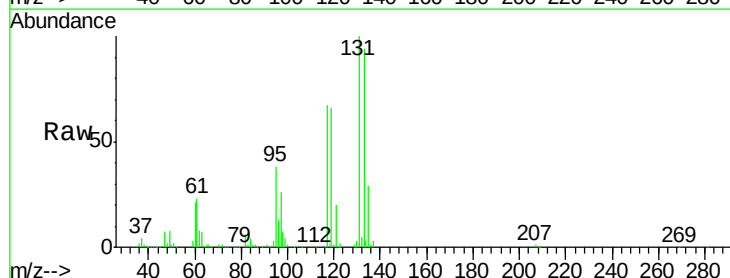
Manual Integrations
APPROVED

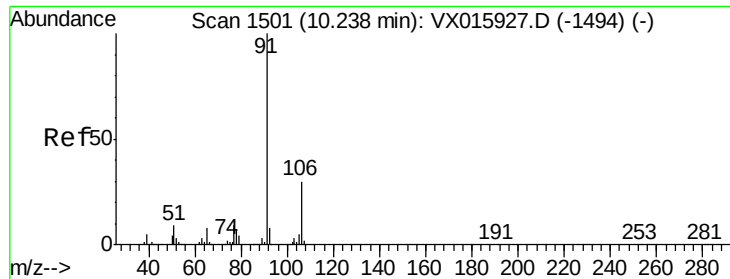
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.766 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion:131 Resp: 95230
Ion Ratio Lower Upper
131 100
133 93.3 46.7 140.0
119 67.3 33.7 101.0





#67

Ethyl Benzene

Concen: 52.005 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 486214

Ion Ratio Lower Upper

91 100

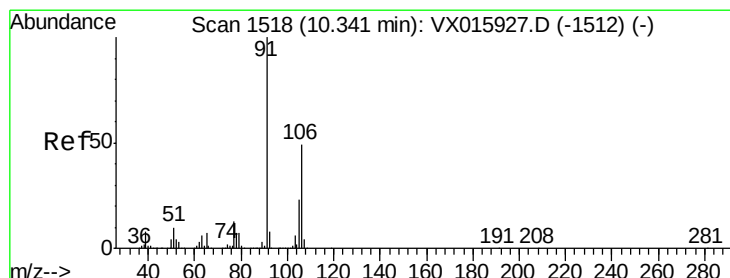
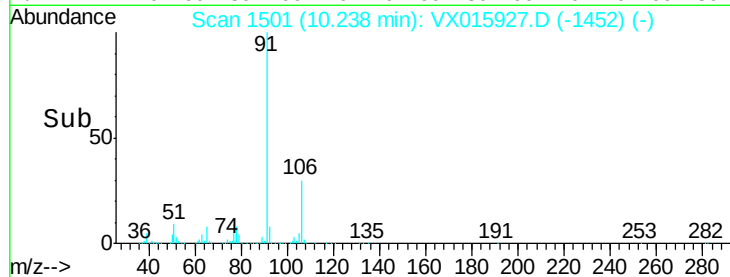
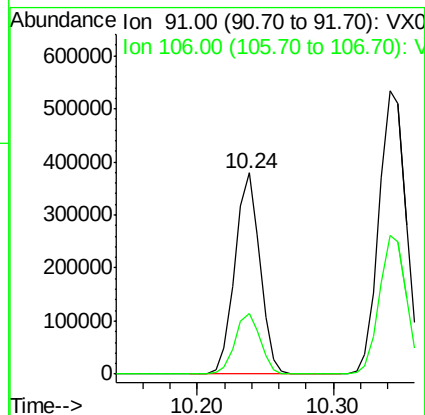
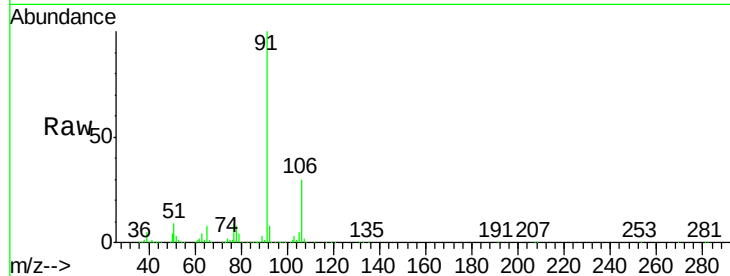
106 30.3 24.2 36.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.535 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015927.D

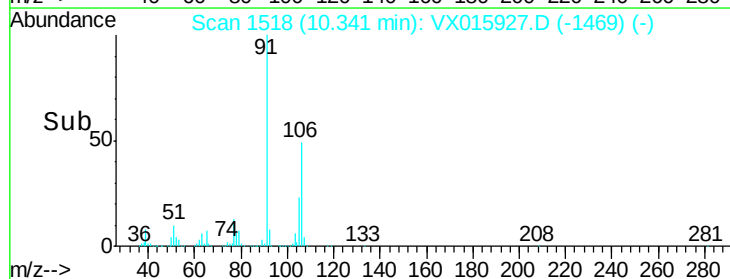
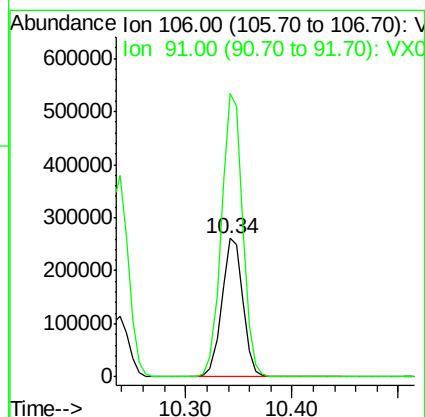
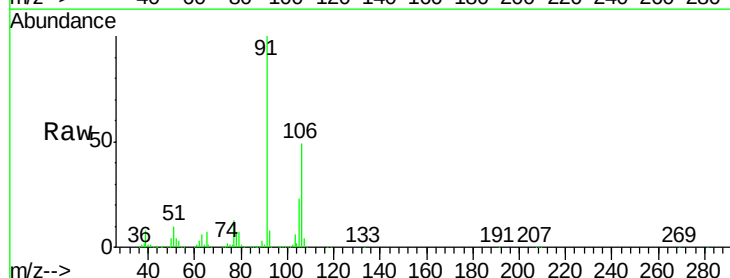
Acq: 24 Apr 2020 12:12

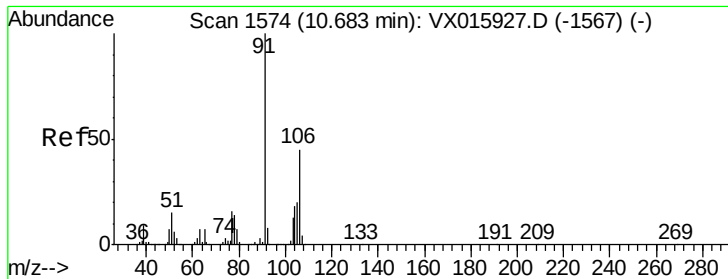
Tgt Ion: 106 Resp: 359069

Ion Ratio Lower Upper

106 100

91 206.1 164.9 247.3





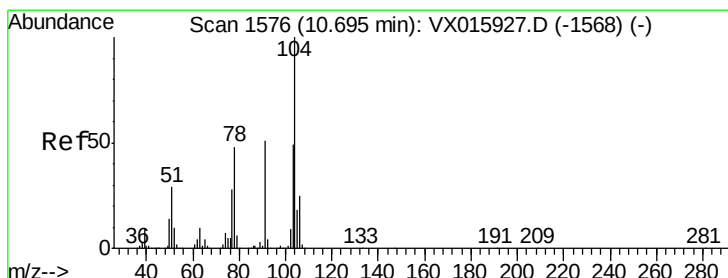
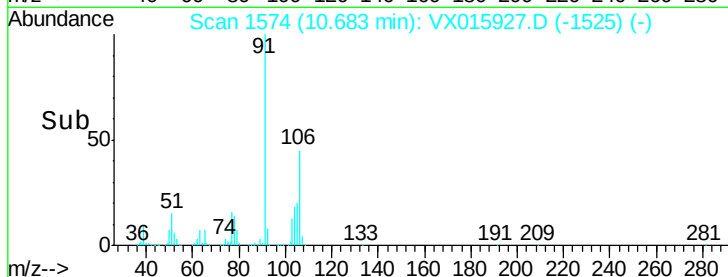
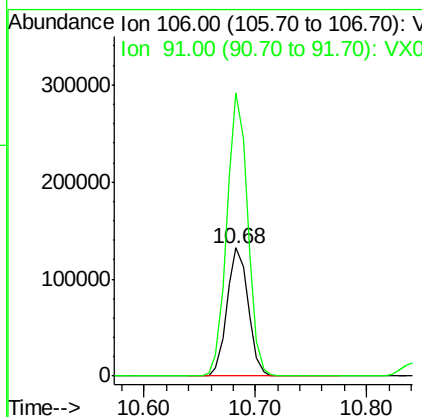
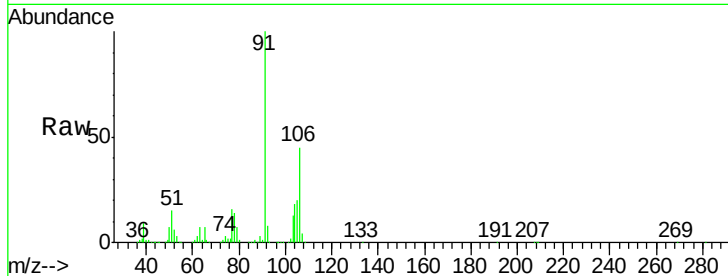
#69
o-Xylene
Concen: 52.339 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.2	108.6	325.8

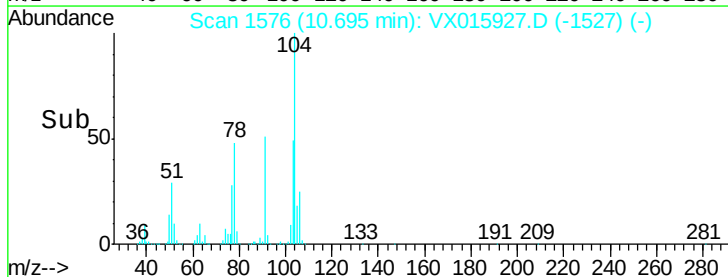
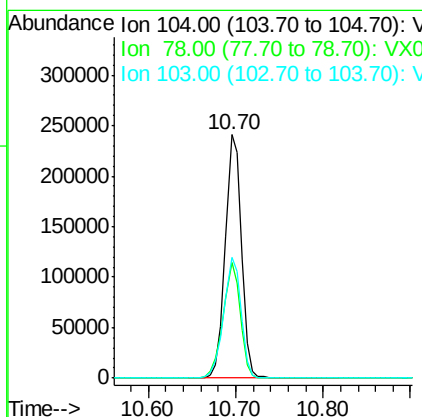
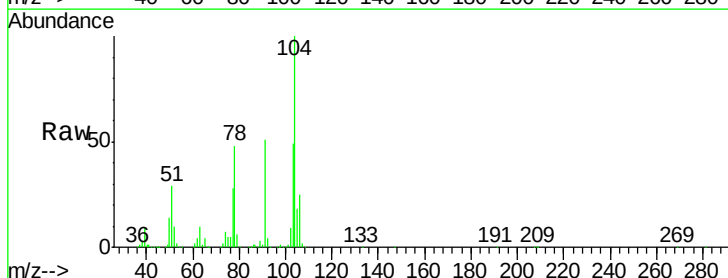
Manual Integrations
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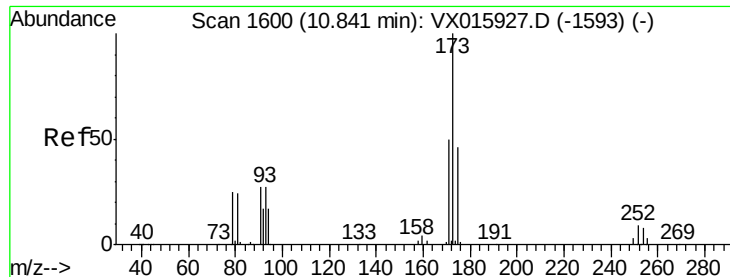
MMDadoda
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#70
Styrene
Concen: 54.780 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.5	60.7
103	53.4	42.7	64.1





#71

Bromoform

Concen: 58.686 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 66173

Ion Ratio Lower Upper

173 100

175 46.3 23.2 69.5

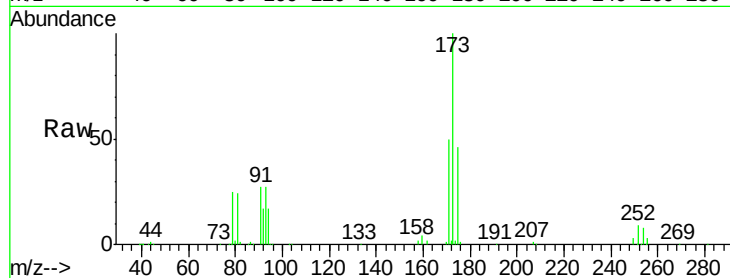
254 0.1 0.1 0.1#

Manual Integrations

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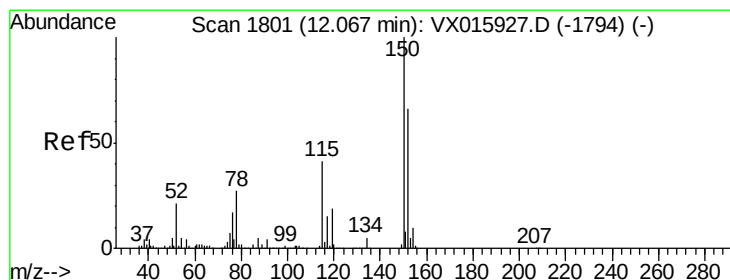
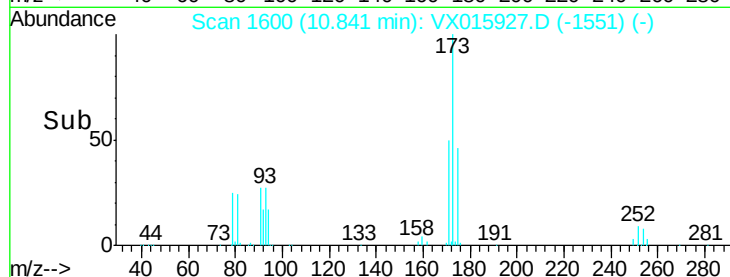
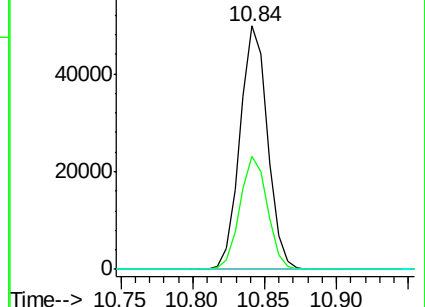
4/27/2020 12:39:52 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

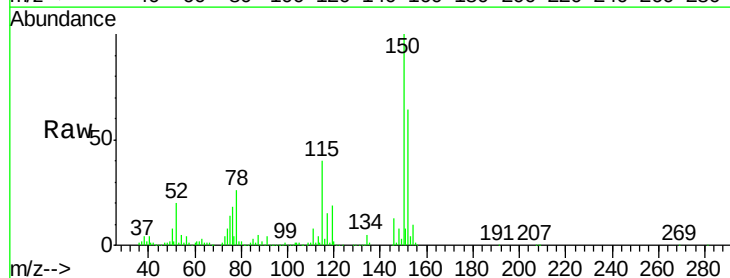
Tgt Ion:152 Resp: 123211

Ion Ratio Lower Upper

152 100

115 88.3 44.1 132.4

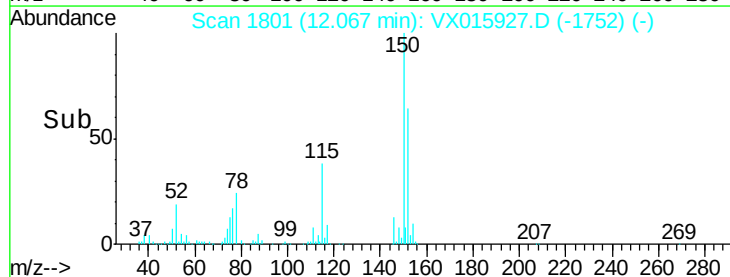
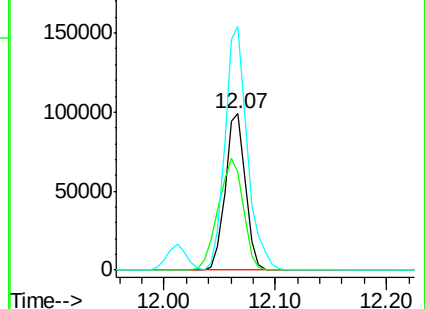
150 171.8 0.0 343.6

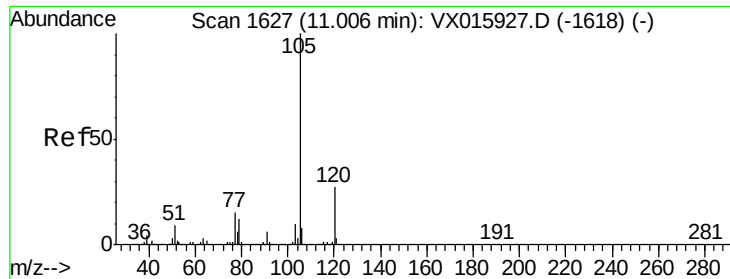


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.265 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 471223

Ion Ratio Lower Upper

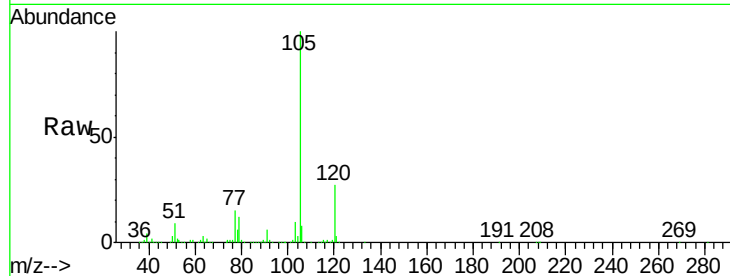
105 100

120 26.1 13.1 39.1

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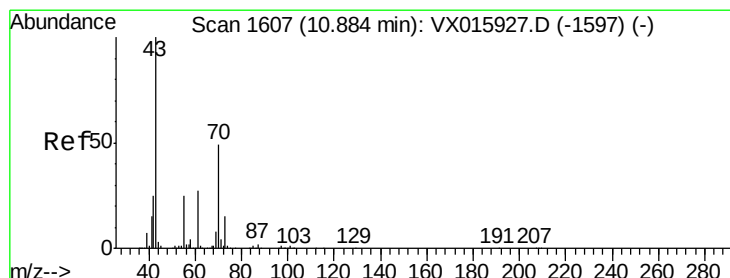
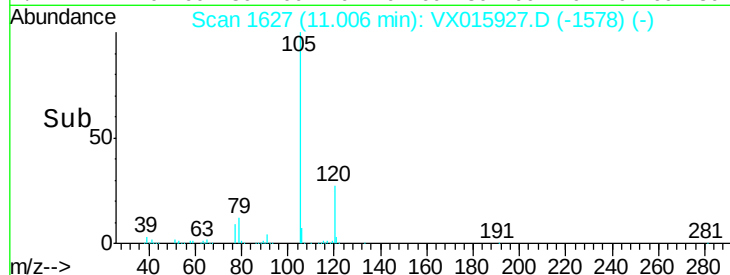
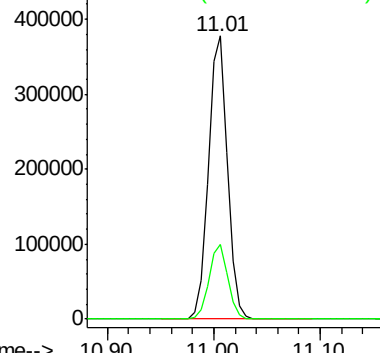
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.924 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Tgt Ion: 43 Resp: 206284

Ion Ratio Lower Upper

43 100

70 47.2 37.8 56.6

55 25.2 20.2 30.2

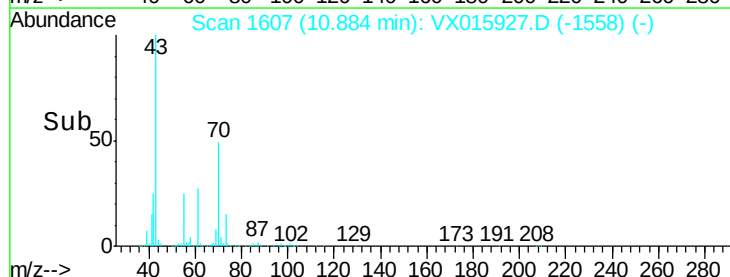
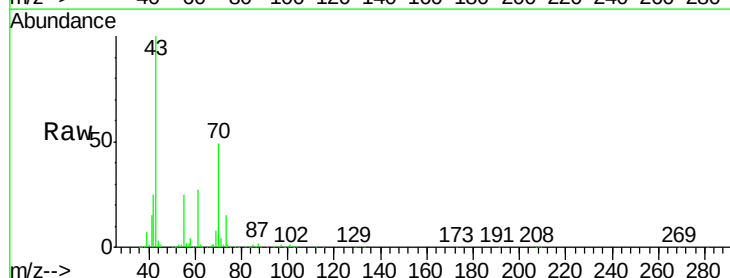
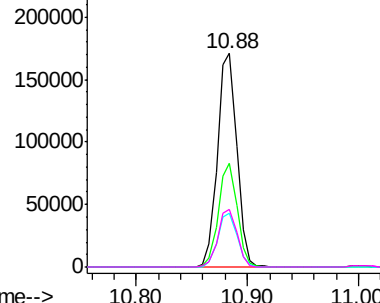
61 27.0 21.6 32.4

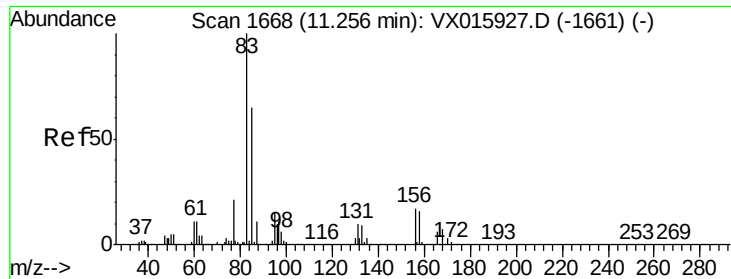
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.107 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 83 Resp: 108179
Ion Ratio Lower Upper

83 100

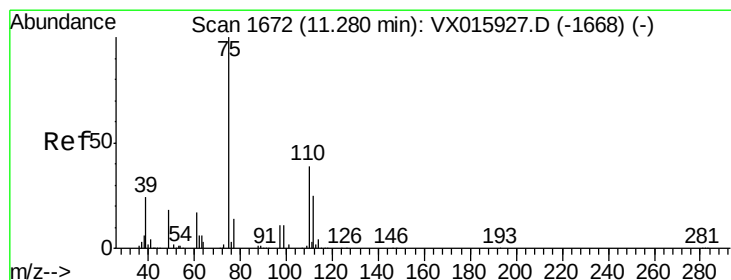
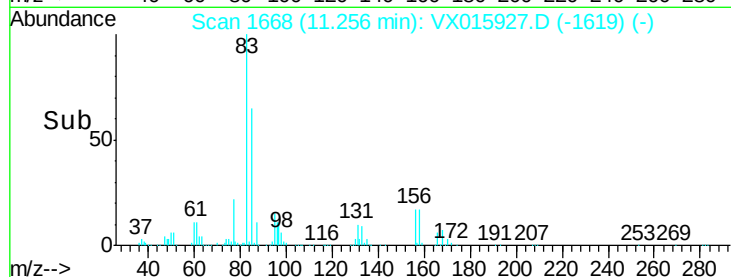
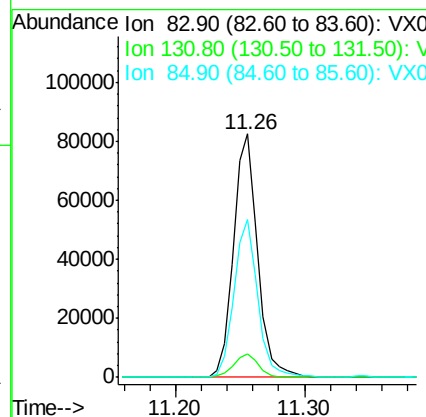
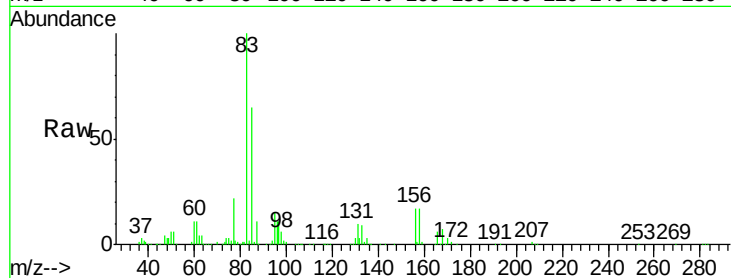
131 9.7 4.9 14.6

85 64.2 32.1 96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.465 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

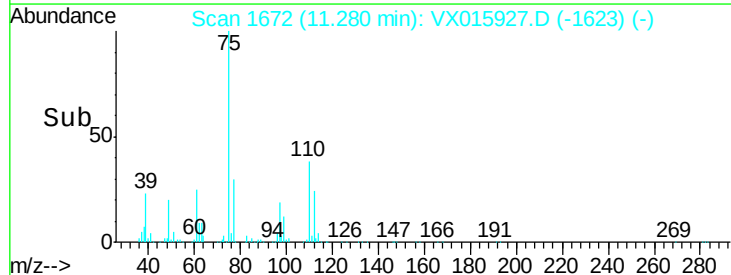
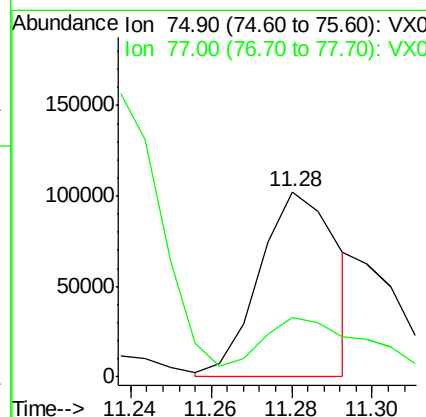
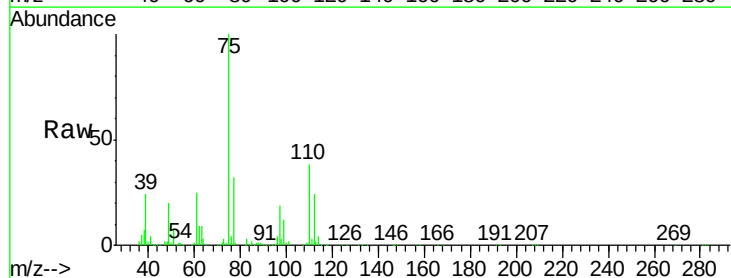
Lab File: VX015927.D

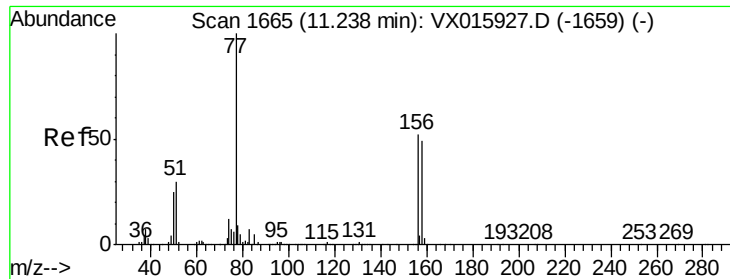
Acq: 24 Apr 2020 12:12

Tgt Ion: 75 Resp: 136810
Ion Ratio Lower Upper

75 100

77 44.3 22.1 66.5





#77

Bromobenzene

Concen: 51.677 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

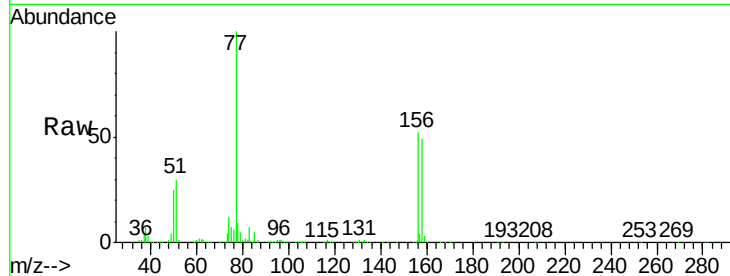
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.9	94.0	281.9
158	97.3	48.6	145.9

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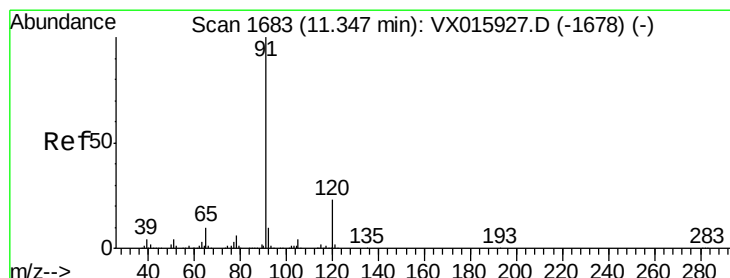
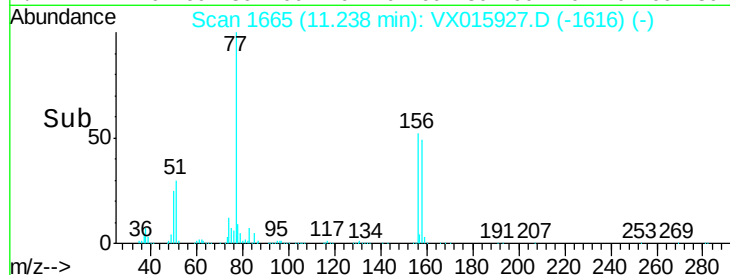
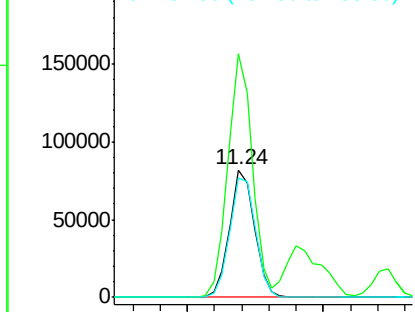


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.014 ug/l

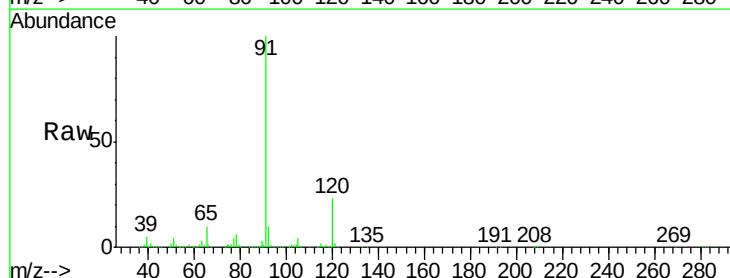
RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

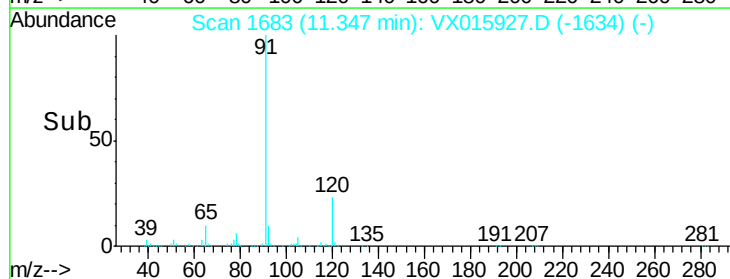
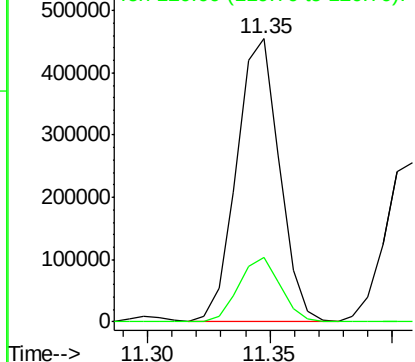
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.6

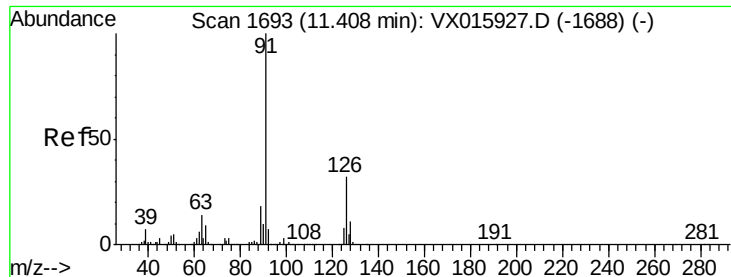


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.757 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 326039

Ion Ratio Lower Upper

91 100

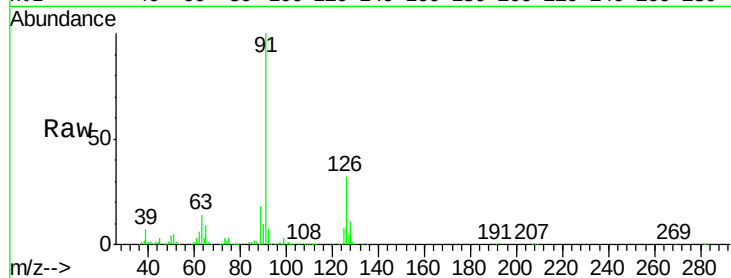
126 31.5 15.8 47.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX015927.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX015927.D (-1688) (-)

500000

400000

300000

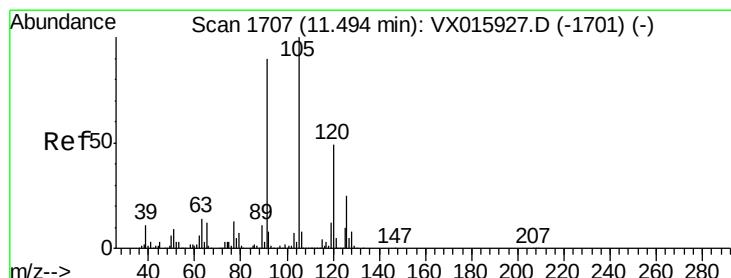
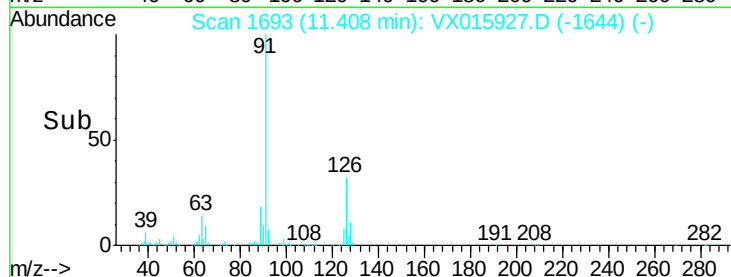
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.936 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015927.D

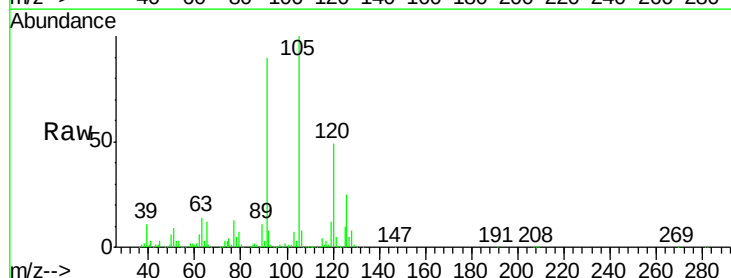
Acq: 24 Apr 2020 12:12

Tgt Ion: 105 Resp: 399809

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX015927.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015927.D (-1701) (-)

400000

300000

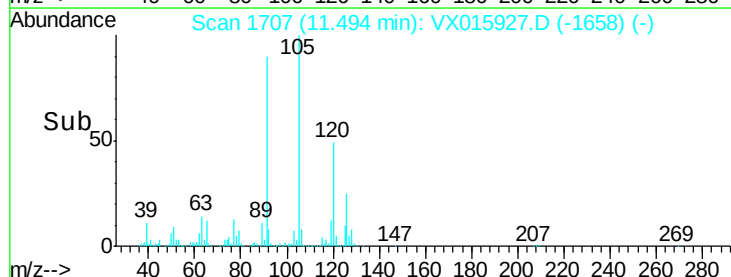
200000

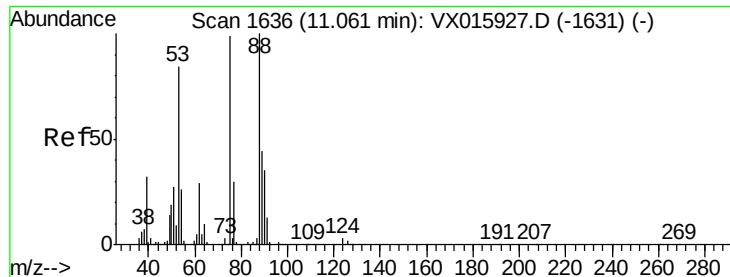
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 56.345 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 59190

Ion Ratio Lower Upper

75 100

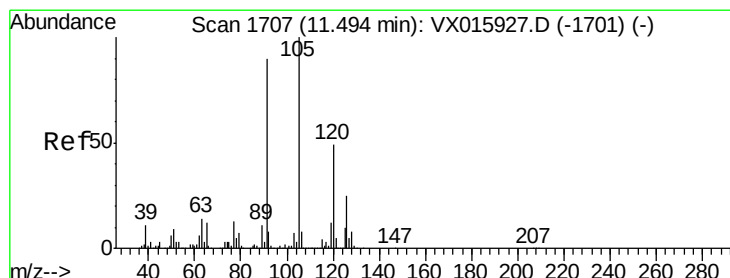
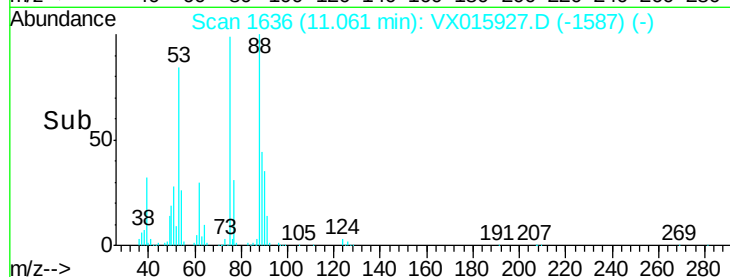
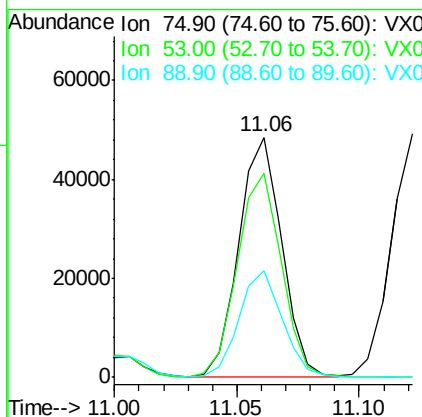
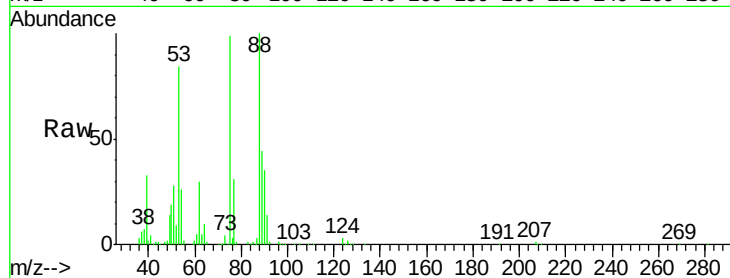
53 87.1 69.7 104.5

89 45.4 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.343 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015927.D

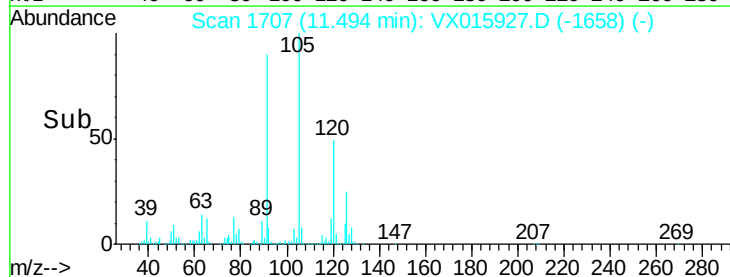
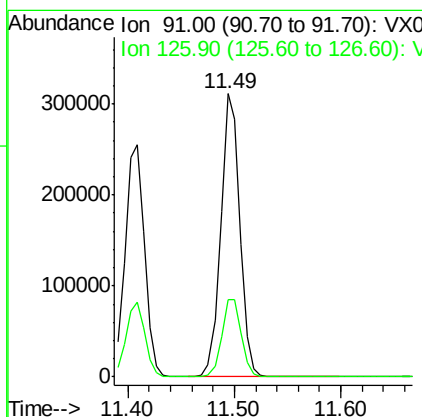
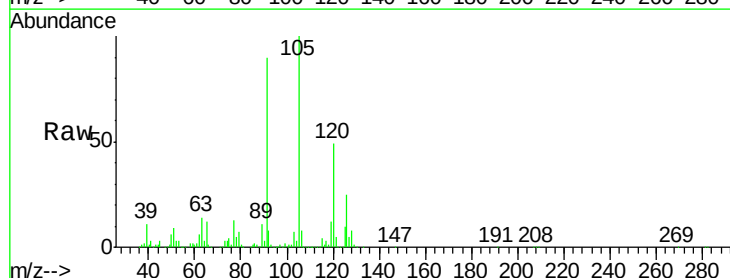
Acq: 24 Apr 2020 12:12

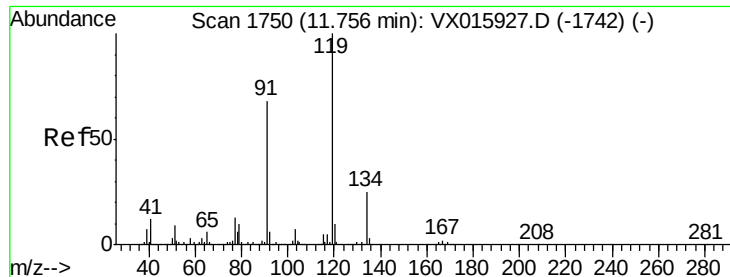
Tgt Ion: 91 Resp: 386406

Ion Ratio Lower Upper

91 100

126 28.5 14.2 42.8





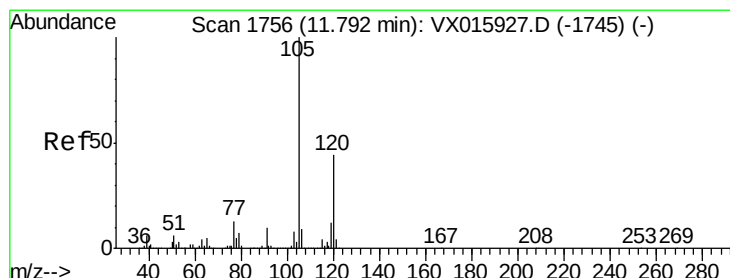
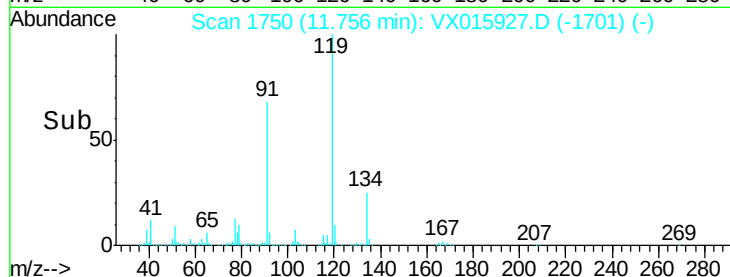
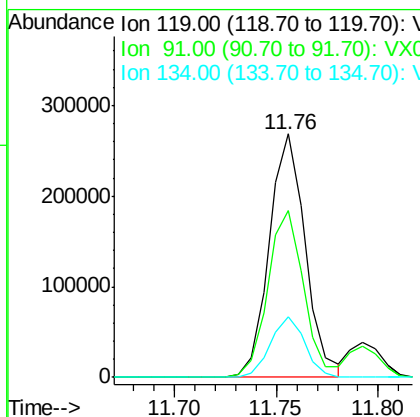
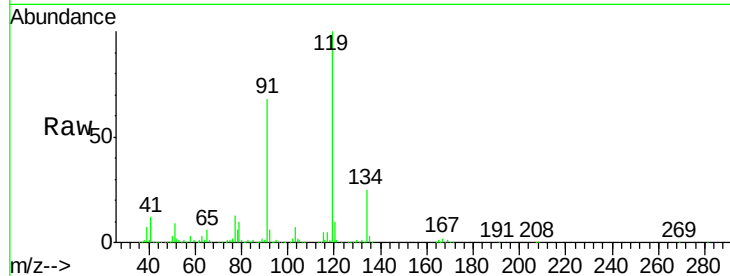
#83
 tert-Butylbenzene
 Concen: 51.647 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	329903		
91	68.5	34.3	102.8	
134	24.2	12.1	36.3	

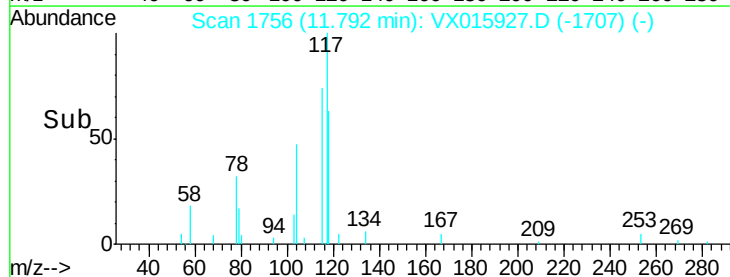
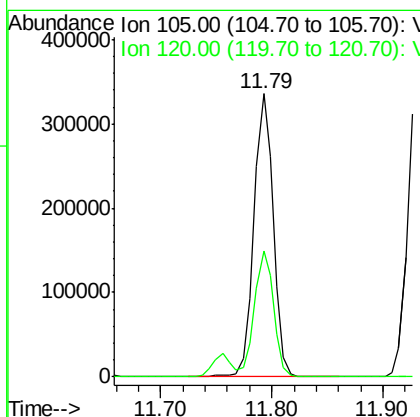
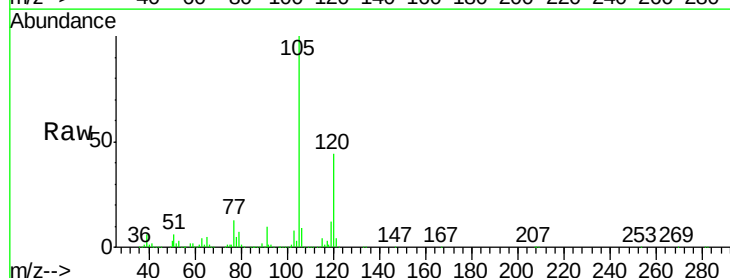
Manual Integrations
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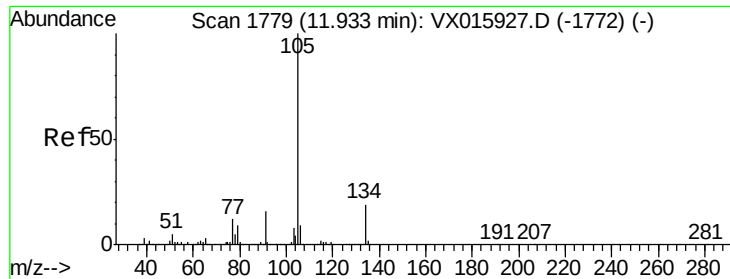
MMDadoda
 4/27/2020 12:39:52 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.244 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	404992		
120	44.5	22.3	66.8	





#85

sec-Butylbenzene

Concen: 53.019 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 459855

Ion Ratio Lower Upper

105 100

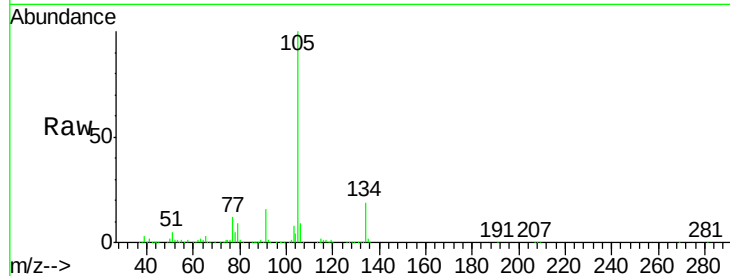
134 18.7 9.3 28.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

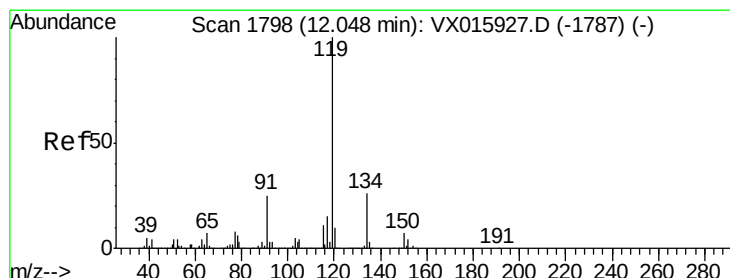
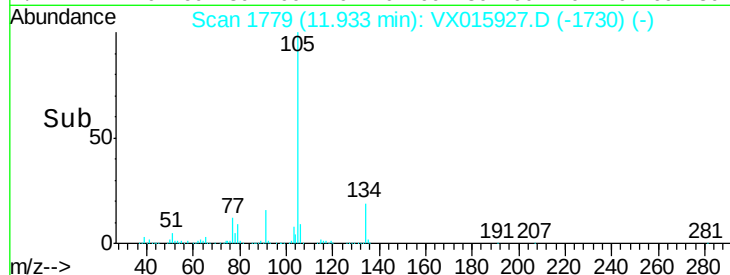
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.466 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015927.D

Acq: 24 Apr 2020 12:12

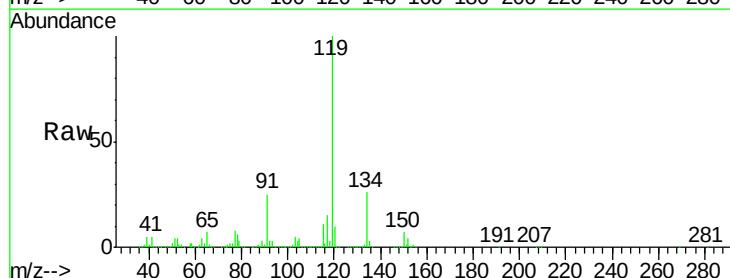
Tgt Ion:119 Resp: 414735

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 24.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

400000

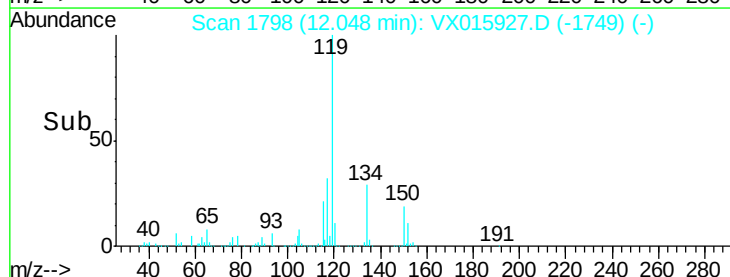
300000

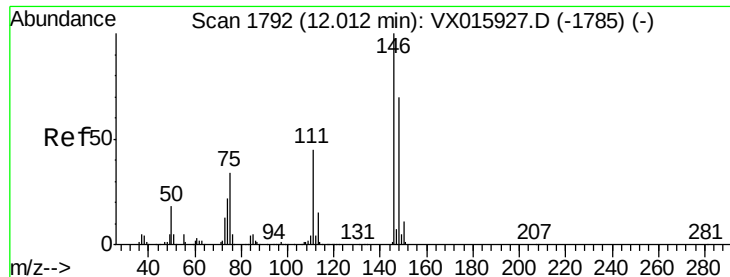
200000

100000

0

Time-->





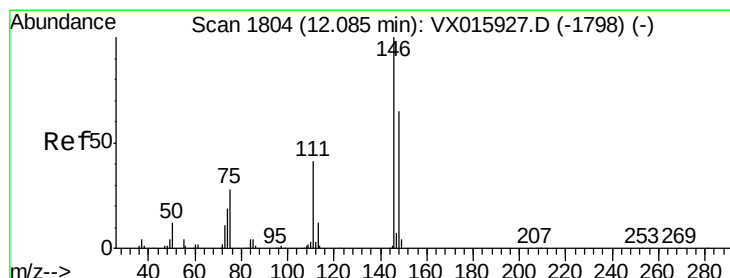
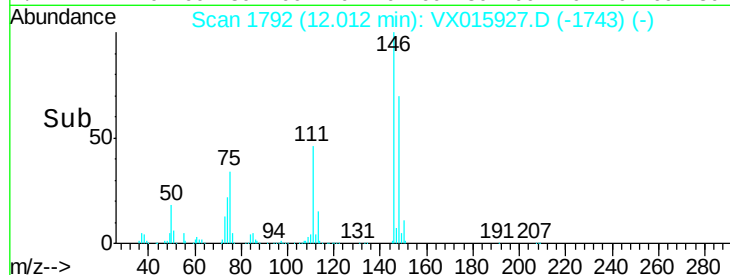
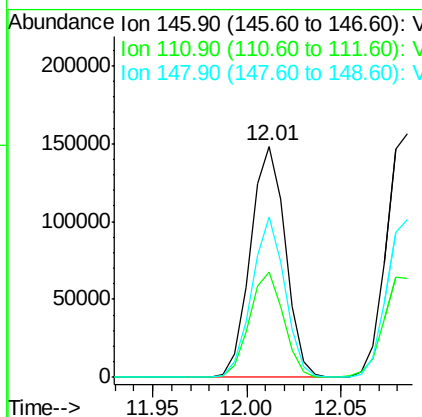
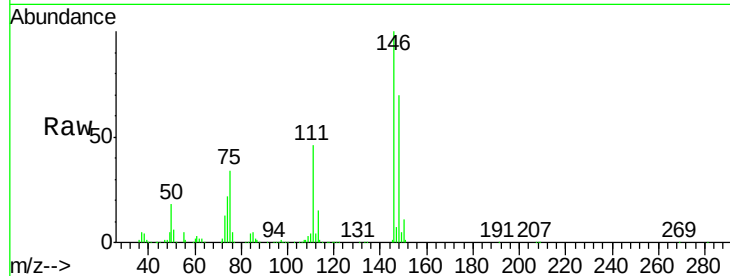
#87
 1,3-Dichlorobenzene
 Concen: 51.147 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	65.6	32.8	98.4

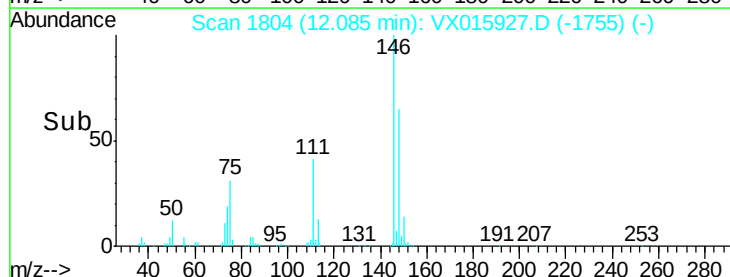
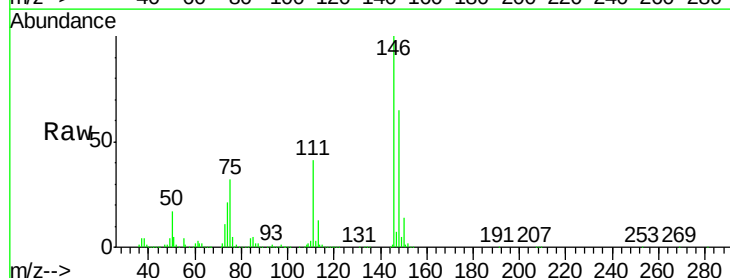
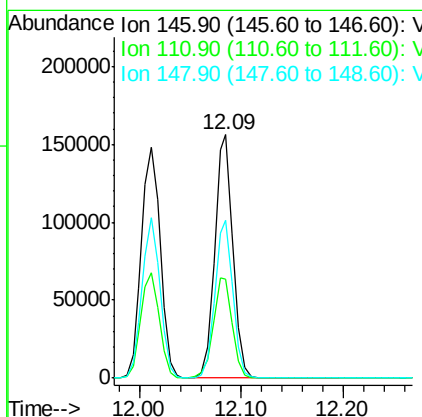
Manual Integrations
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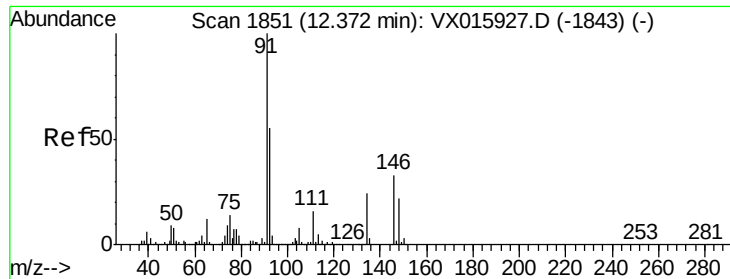
MMDadoda
 4/27/2020 12:39:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.737 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	64.5	32.3	96.8





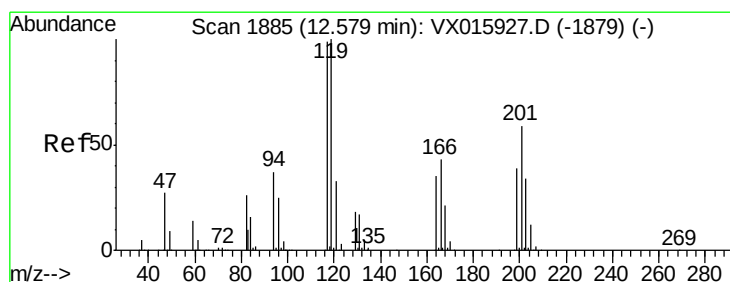
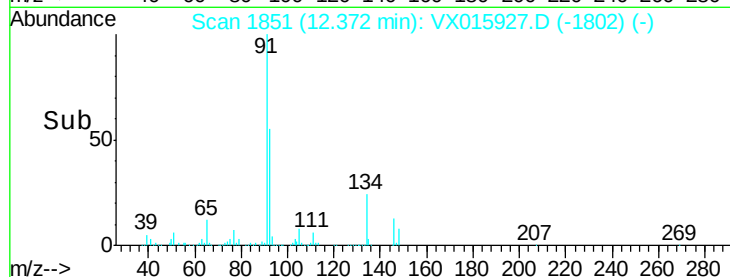
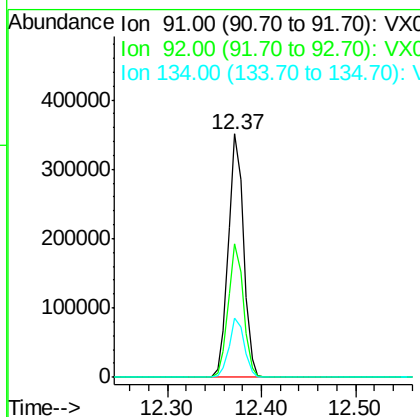
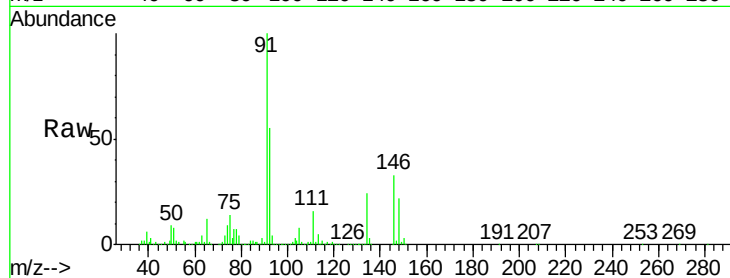
#89
n-Butylbenzene
Concen: 53.352 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	395184		
92	54.6	27.3	81.9	
134	24.3	12.2	36.4	

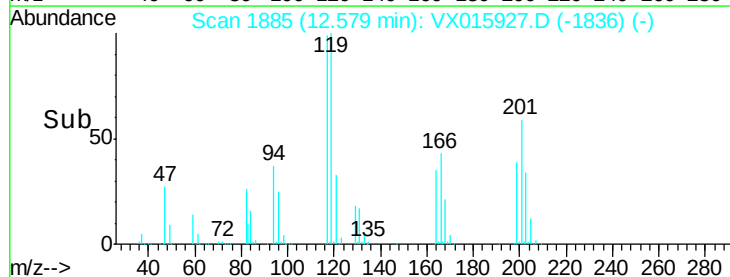
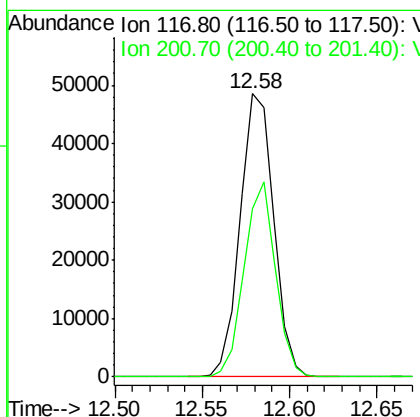
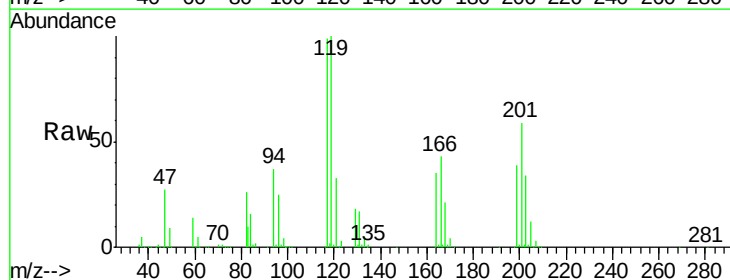
Manual Integrations
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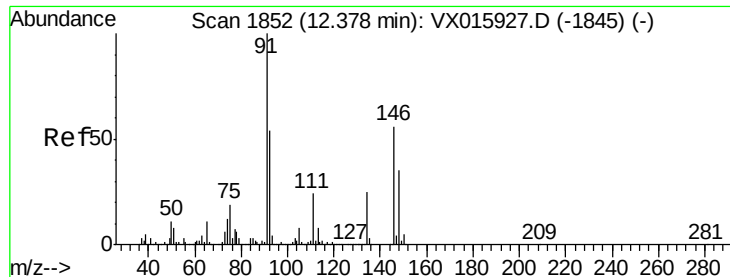
MMDadoda
4/27/2020 12:39:52 PM



#90
Hexachloroethane
Concen: 55.270 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64893		
201	64.2	32.1	96.3	





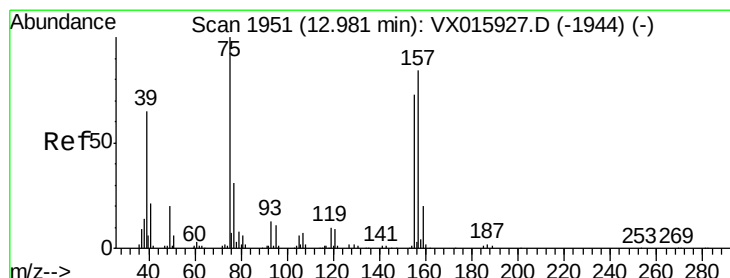
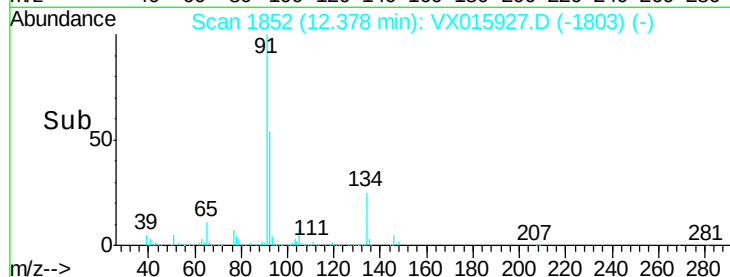
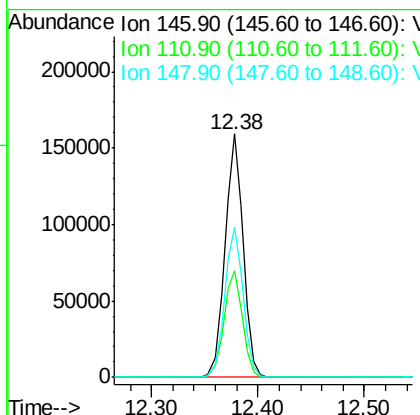
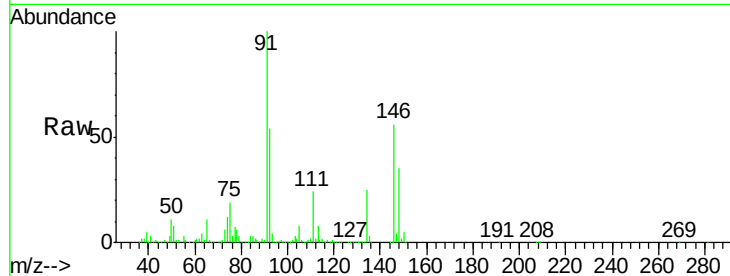
#91
 1,2-Dichlorobenzene
 Concen: 52.027 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	188986		
111	44.5	22.3	66.8	
148	62.8	31.4	94.2	

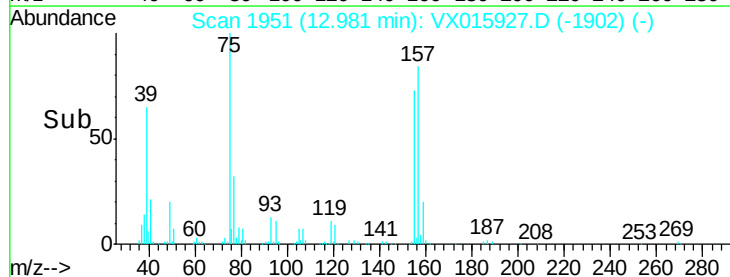
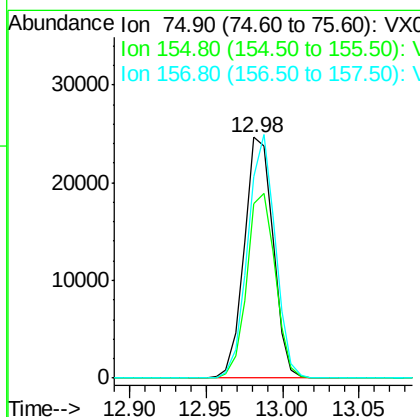
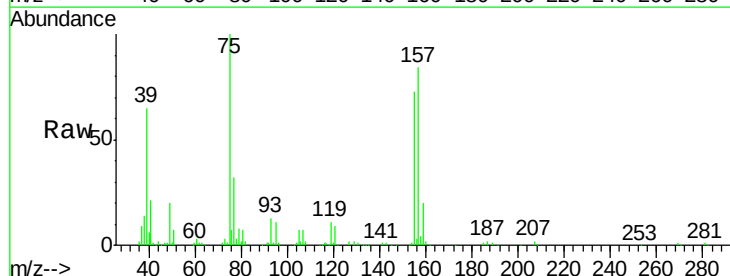
Manual Integrations
 APPROVED

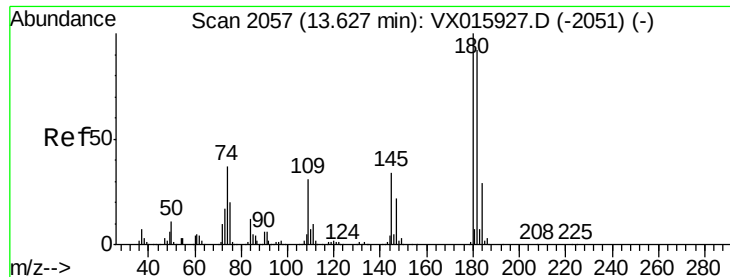
MMDadoda
 4/27/2020 12:39:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.116 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32369		
155	75.7	37.9	113.6	
157	95.9	47.9	143.8	





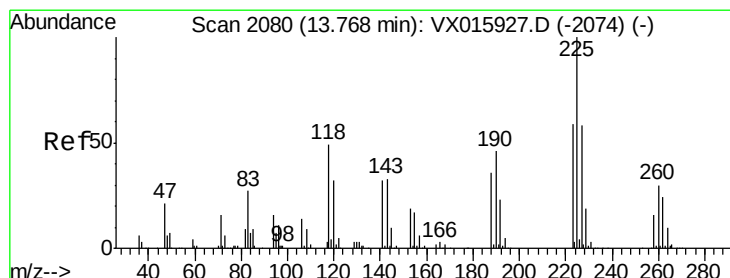
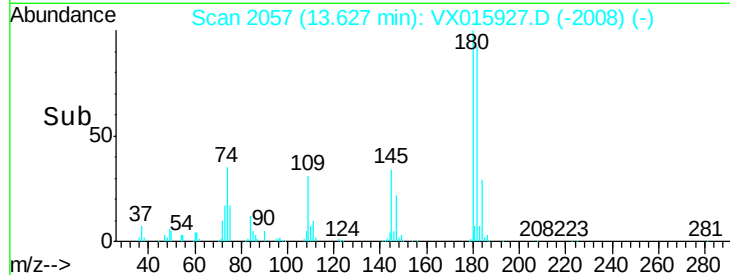
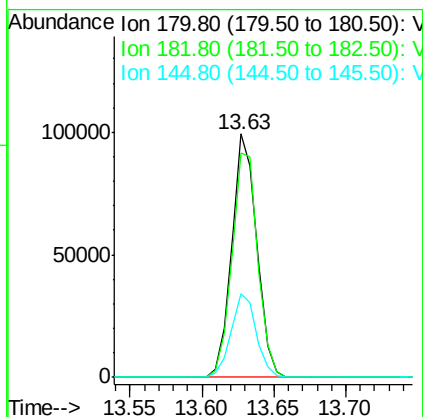
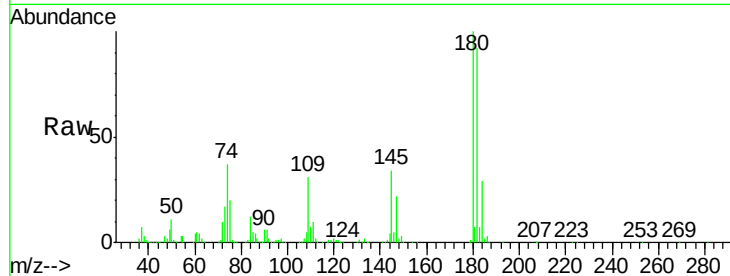
#93
 1,2,4-Trichlorobenzene
 Concen: 52.569 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	121145		
182	95.3	47.6	142.9	
145	34.7	17.3	52.0	

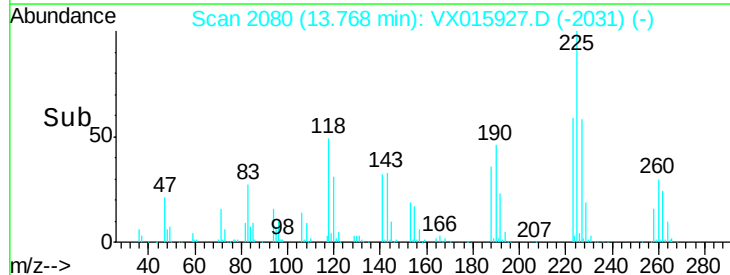
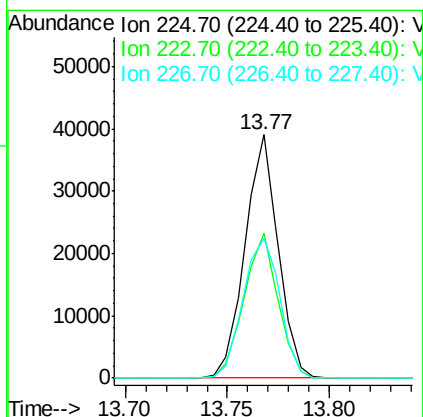
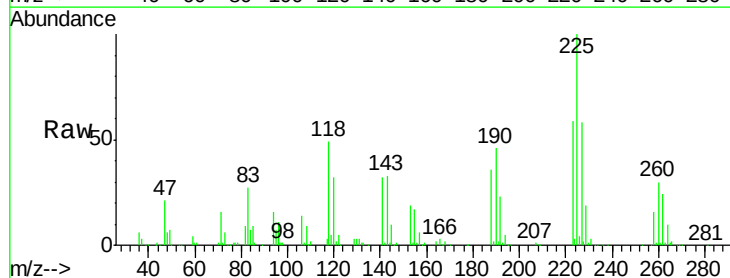
Manual Integrations
 APPROVED

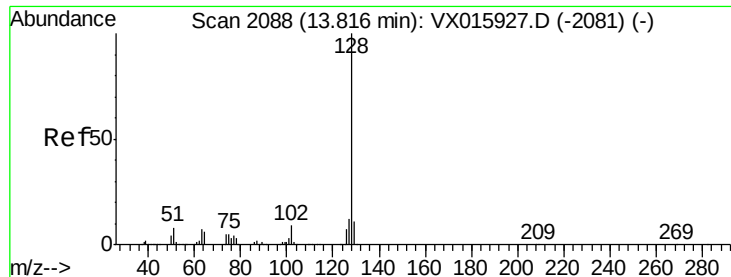
MMDadoda
 4/27/2020 12:39:52 PM



#94
 Hexachlorobutadiene
 Concen: 53.656 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015927.D
 Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44088		
223	61.1	30.6	91.6	
227	64.1	32.0	96.2	





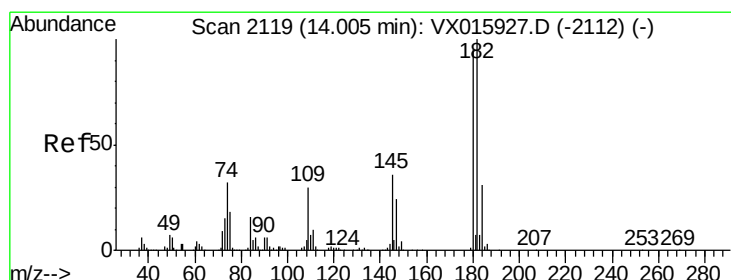
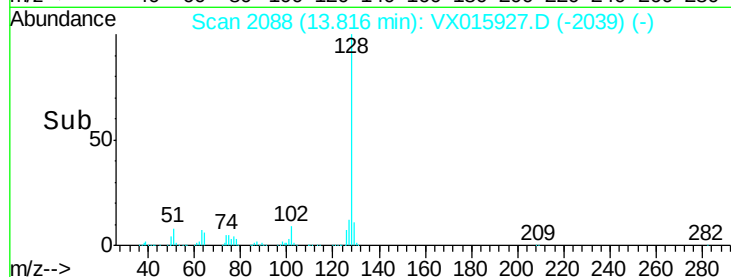
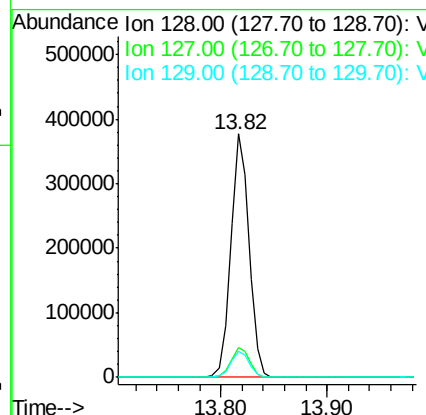
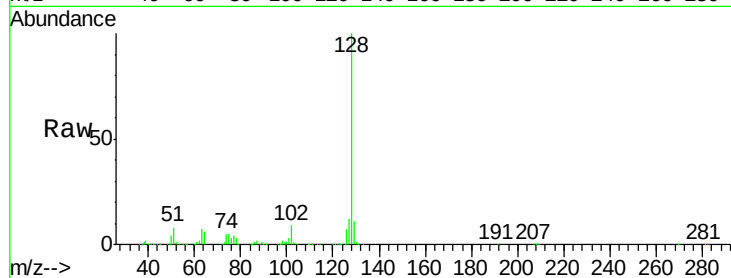
#95
Naphthalene
Concen: 54.323 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/27/2020 12:39:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.816 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX015927.D
Acq: 24 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	50.1	150.3
145	37.9	18.9	56.9

