

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082720\
 Data File : VX018088.D
 Acq On : 27 Aug 2020 13:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 2:59:12 PM

Quant Time: Aug 28 03:07:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	518632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	770093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	744283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	383641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	359497	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
35) Dibromofluoromethane	5.46	113	282006	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
50) Toluene-d8	8.70	98	1015621	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.12	95	404029	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	312369	49.469	ug/l	96
3) Chloromethane	1.31	50	297358	44.667	ug/l	97
4) Vinyl Chloride	1.39	62	298944	45.110	ug/l	100
5) Bromomethane	1.62	94	181684	56.840	ug/l	95
6) Chloroethane	1.71	64	171076	48.064	ug/l	100
7) Trichlorofluoromethane	1.92	101	484217	53.586	ug/l	97
8) Diethyl Ether	2.17	74	147313	48.071	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	236993	48.512	ug/l	98
10) Methyl Iodide	2.49	142	280640	53.302	ug/l	97
11) Tert butyl alcohol	3.01	59	288871	206.347	ug/l	99
12) 1,1-Dichloroethene	2.35	96	225113	44.416	ug/l	98
13) Acrolein	2.27	56	106563	183.580	ug/l	97
14) Allyl chloride	2.70	41	424404	46.608	ug/l	98
15) Acrylonitrile	3.12	53	691851	217.866	ug/l	99
16) Acetone	2.42	43	565547	201.583	ug/l	97
17) Carbon Disulfide	2.55	76	682547	44.548	ug/l	99
18) Methyl Acetate	2.75	43	310449	45.856	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	825768	47.508	ug/l	98
20) Methylene Chloride	2.83	84	275079	47.904	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	263825	46.983	ug/l	97
22) Diisopropyl ether	3.82	45	827884	46.065	ug/l	97
23) Vinyl Acetate	3.78	43	3725949	232.990	ug/l	100
24) 1,1-Dichloroethane	3.67	63	472151	46.151	ug/l	98
25) 2-Butanone	4.63	43	958492	207.880	ug/l	98
26) 2,2-Dichloropropane	4.55	77	440557	52.926	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	284617	43.992	ug/l	100
28) Bromochloromethane	4.98	49	228904	46.353	ug/l	98
29) Tetrahydrofuran	5.09	42	614645	209.409	ug/l	98
30) Chloroform	5.17	83	501954	47.384	ug/l	99
31) Cyclohexane	5.54	56	398667	46.261	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	468563	48.199	ug/l	100
36) 1,1-Dichloropropene	5.76	75	365297	51.429	ug/l	99
37) Ethyl Acetate	4.79	43	377476	45.757	ug/l	99
38) Carbon Tetrachloride	5.75	117	434757	54.313	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	408883	52.645	ug/l	97
40) Benzene	6.11	78	1034629	49.572	ug/l	100
41) Methacrylonitrile	5.00	41	209151	46.174	ug/l	100
42) 1,2-Dichloroethane	6.16	62	414402	51.823	ug/l	98
43) Isopropyl Acetate	6.41	43	621532	46.645	ug/l	100
44) Trichloroethene	7.18	130	296785	50.325	ug/l	96
45) 1,2-Dichloropropane	7.49	63	275206	48.924	ug/l	97
46) Dibromomethane	7.63	93	198942	50.293	ug/l	98
47) Bromodichloromethane	7.87	83	412010	52.164	ug/l	99
48) Methyl methacrylate	7.74	41	310583	46.823	ug/l	98
49) 1,4-Dioxane	7.71	88	113033	940.740	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1959004	238.010	ug/l	100
52) Toluene	8.76	92	662717	50.075	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	454657	51.939	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	472037	50.904	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	277776	49.213	ug/l	98
56) Ethyl methacrylate	9.16	69	414134	49.355	ug/l	98
57) 1,3-Dichloropropane	9.35	76	460862	49.504	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	873951	231.533	ug/l	97
59) 2-Hexanone	9.47	43	1581719	252.729	ug/l	100
60) Dibromochloromethane	9.57	129	349003	52.709	ug/l	99
61) 1,2-Dibromoethane	9.65	107	304391	49.673	ug/l	98
64) Tetrachloroethene	9.32	164	294962	53.929	ug/l	95
65) Chlorobenzene	10.12	112	749017	50.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	306806	52.367	ug/l	99
67) Ethyl Benzene	10.24	91	1315697	52.046	ug/l	99
68) m/p-Xylenes	10.34	106	1008724	106.908	ug/l	99
69) o-Xylene	10.68	106	477986	52.258	ug/l	99
70) Styrene	10.69	104	839969	53.925	ug/l	99
71) Bromoform	10.84	173	268881	53.805	ug/l #	100
73) Isopropylbenzene	11.00	105	1332217	52.646	ug/l	99
74) N-amyl acetate	10.88	43	580796	48.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	402789	45.121	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	404316m	47.376	ug/l	
77) Bromobenzene	11.24	156	345562	49.402	ug/l	98
78) n-propylbenzene	11.35	91	1563207	54.404	ug/l	100
79) 2-Chlorotoluene	11.40	91	930733	52.430	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1163219	55.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	159558	50.495	ug/l #	90
82) 4-Chlorotoluene	11.49	91	1115582	52.862	ug/l	100
83) tert-Butylbenzene	11.76	119	1107153	53.950	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1176999	55.361	ug/l	99
85) sec-Butylbenzene	11.93	105	1309003	56.091	ug/l	100
86) p-Isopropyltoluene	12.05	119	1243784	58.021	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	614993	50.076	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	631834	51.383	ug/l	97
89) n-Butylbenzene	12.37	91	1082110	55.306	ug/l	99
90) Hexachloroethane	12.58	117	238397	56.525	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	581086	50.265	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	101931	45.667	ug/l	96

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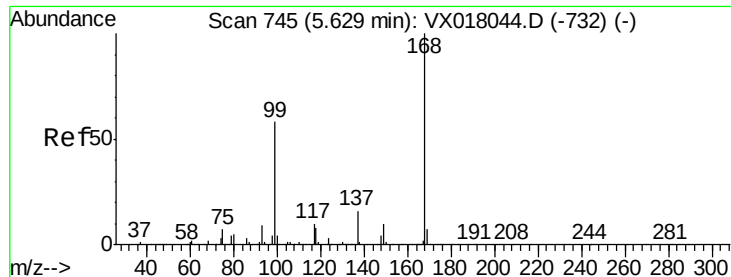
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	395991	51.368	ug/l	99
94) Hexachlorobutadiene	13.76	225	164750	54.183	ug/l	99
95) Naphthalene	13.82	128	1280682	50.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	387968	50.934	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 518632

Ion Ratio Lower Upper

168 100

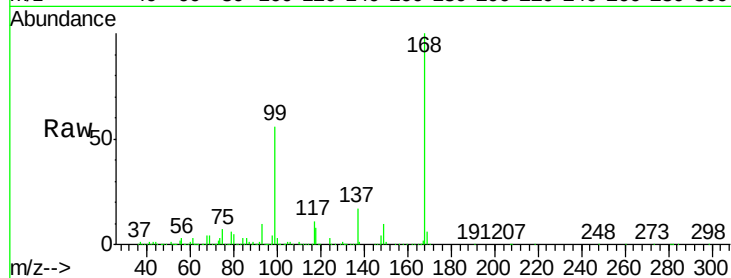
99 55.7 46.3 69.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

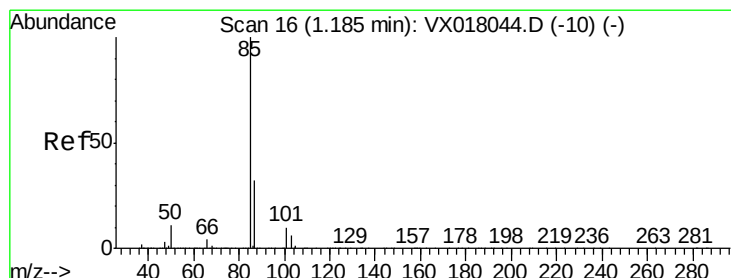
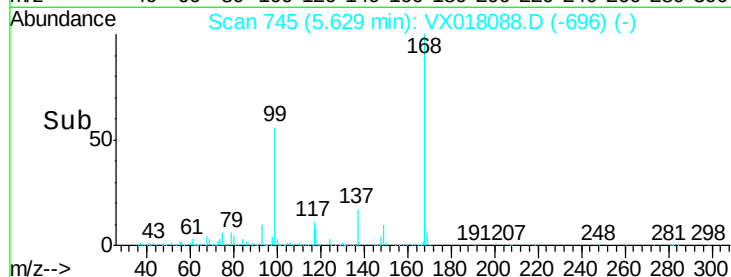
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.469 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018088.D

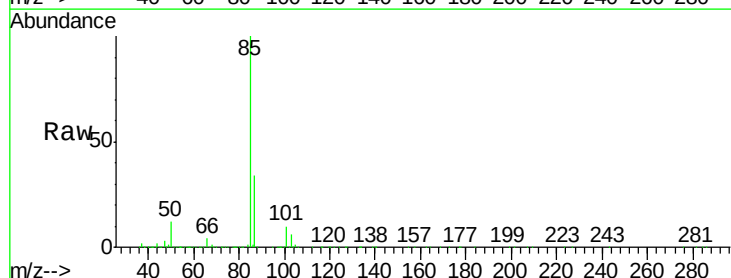
Acq: 27 Aug 2020 13:55

Tgt Ion: 85 Resp: 312369

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

300000

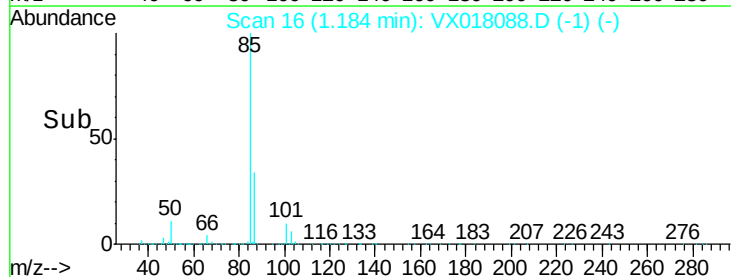
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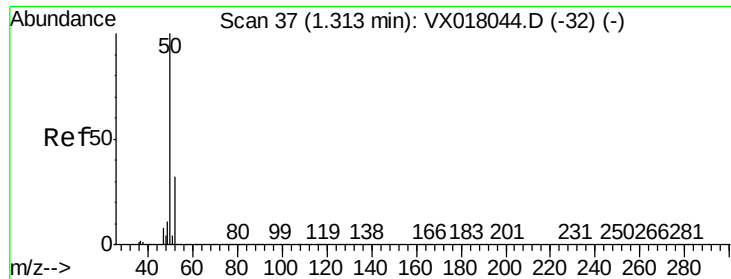
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.667 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 297358

Ion Ratio Lower Upper

50 100

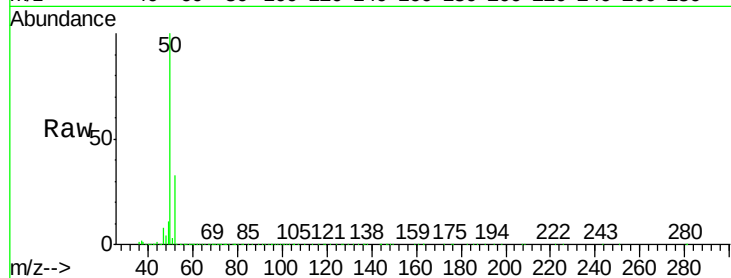
52 33.4 25.4 38.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

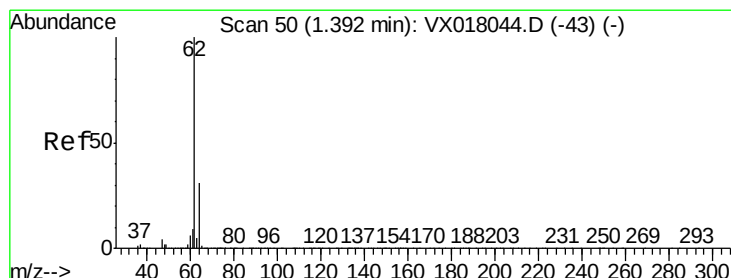
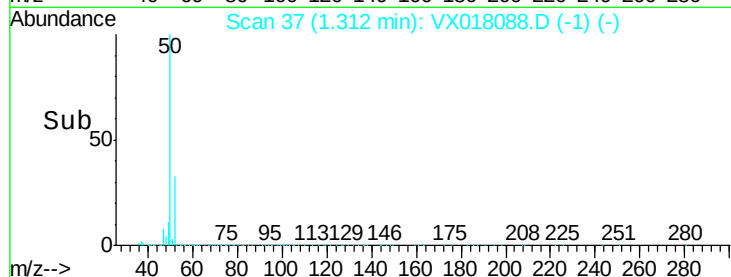
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 45.110 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018088.D

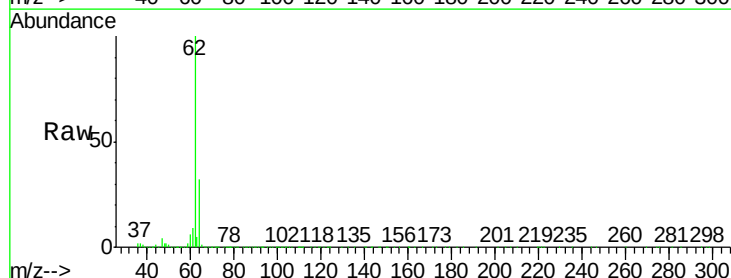
Acq: 27 Aug 2020 13:55

Tgt Ion: 62 Resp: 298944

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

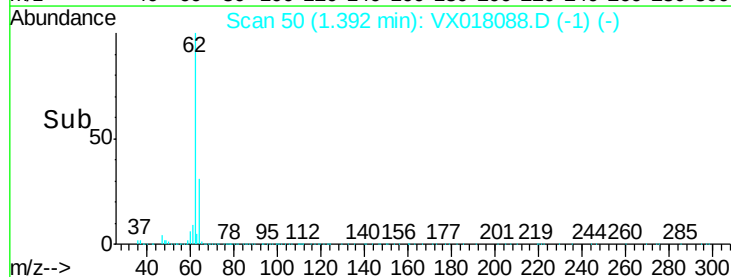
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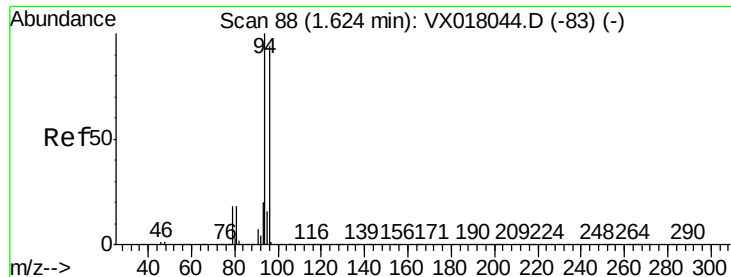
200000

100000

0

Time-->





#5

Bromomethane

Concen: 56.840 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 181684

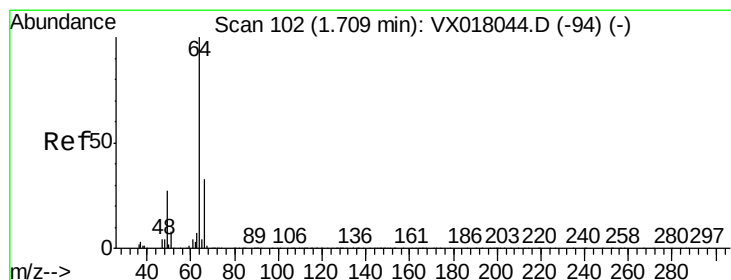
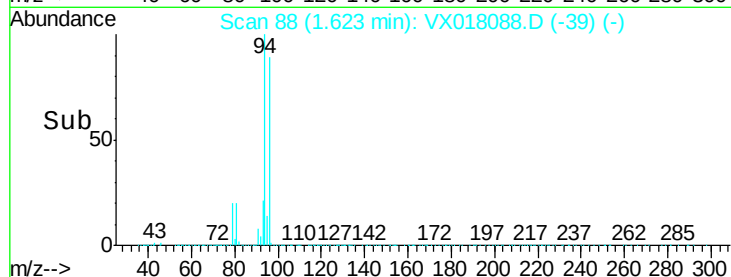
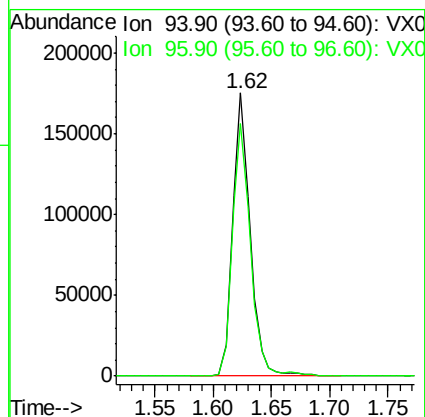
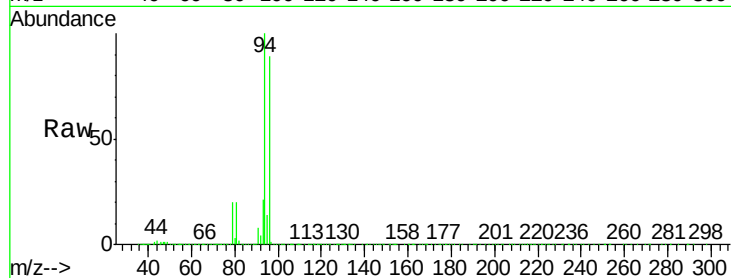
Ion Ratio Lower Upper

94 100

96 89.1 74.8 112.2

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#6

Chloroethane

Concen: 48.064 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018088.D

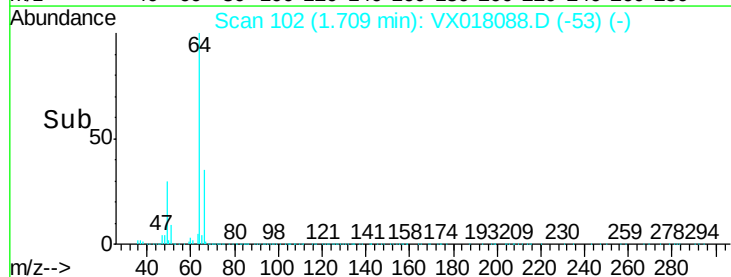
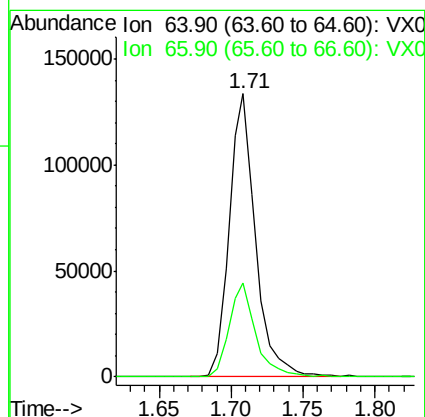
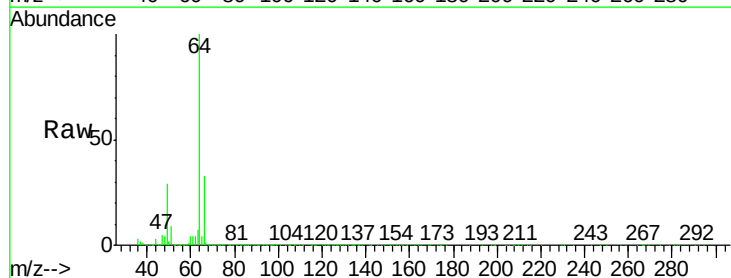
Acq: 27 Aug 2020 13:55

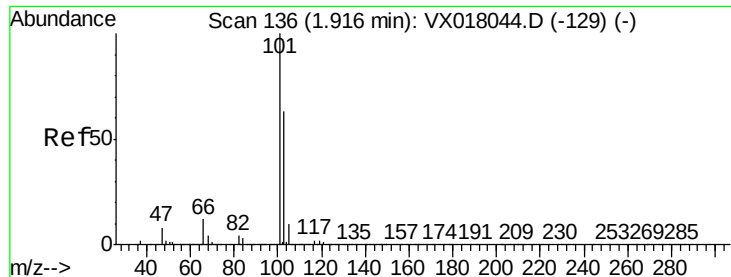
Tgt Ion: 64 Resp: 171076

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8





#7

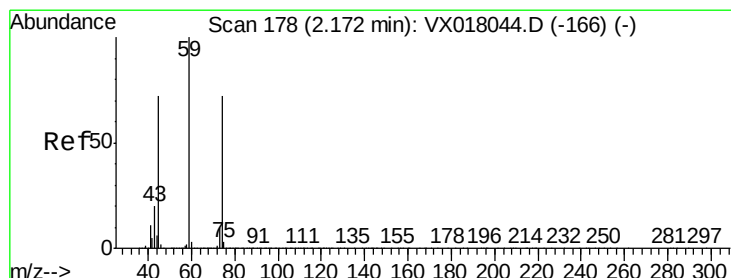
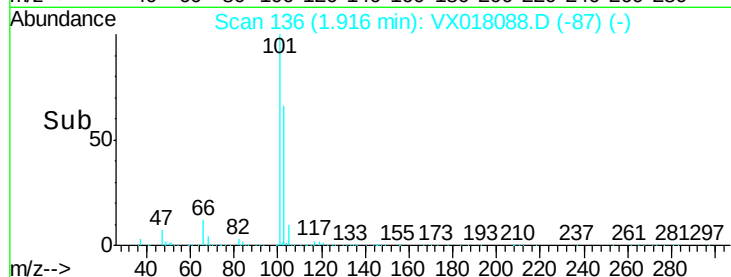
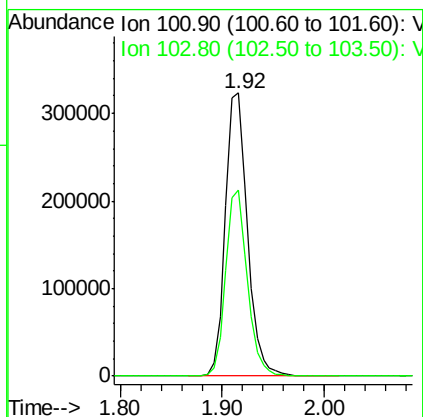
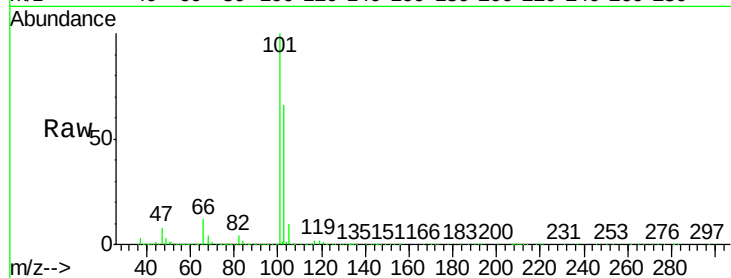
Trichlorofluoromethane
Concen: 53.586 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.7	76.1

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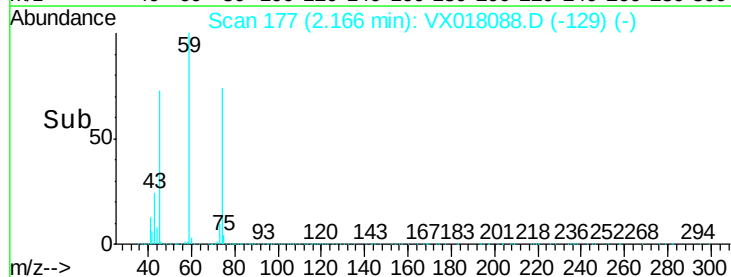
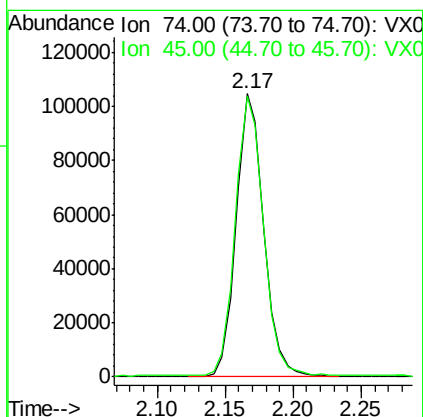
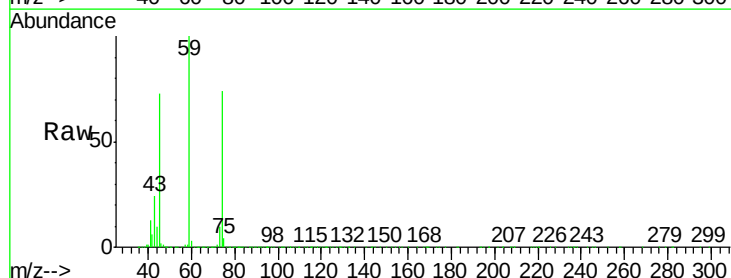
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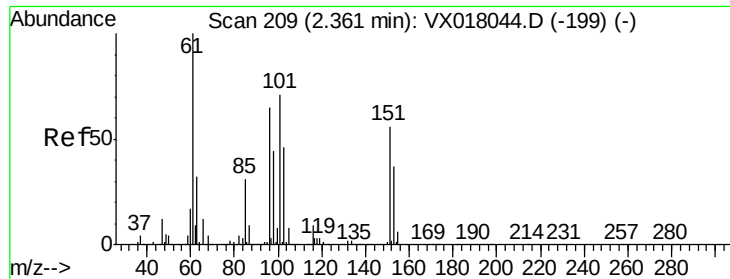


#8

Diethyl Ether
Concen: 48.071 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.512 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

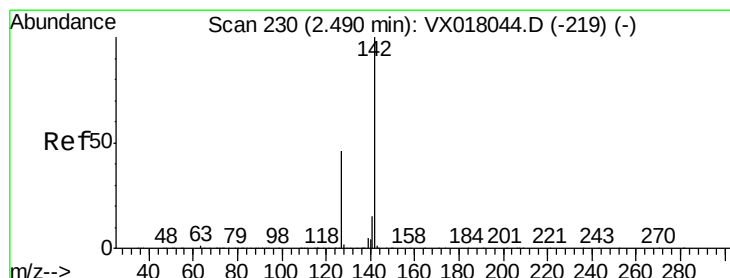
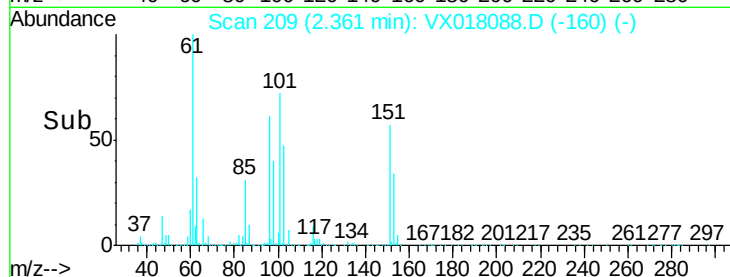
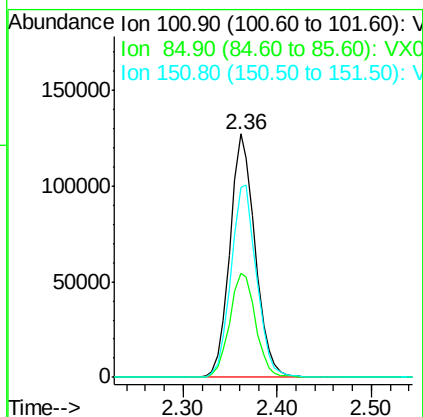
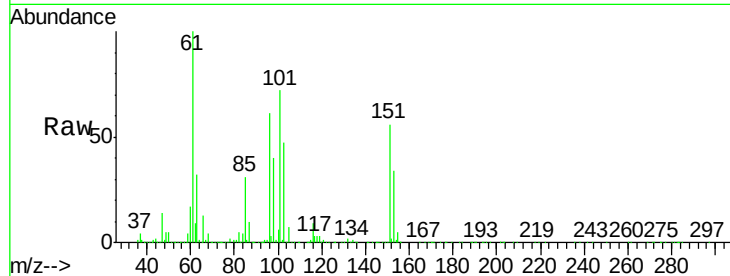
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	236993
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.0	51.0
151	80.2	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 53.302 ug/l

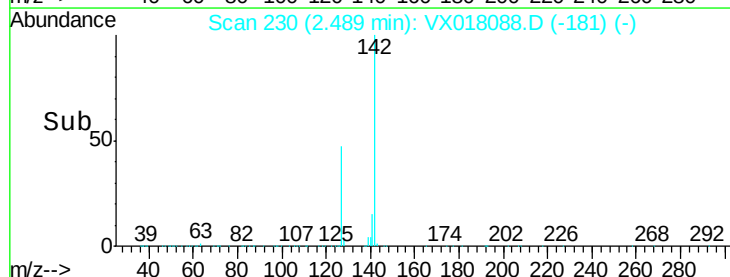
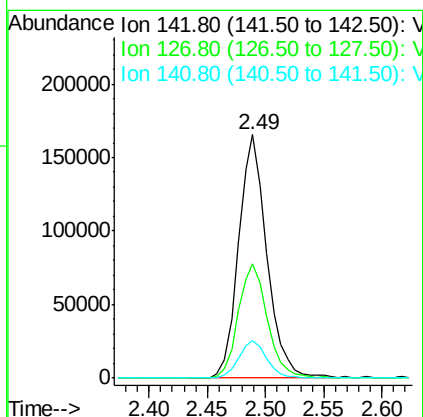
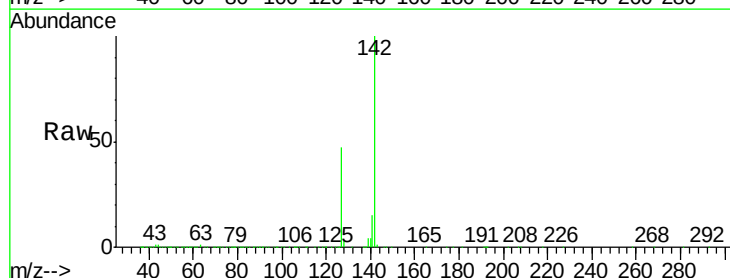
RT: 2.49 min Scan# 230

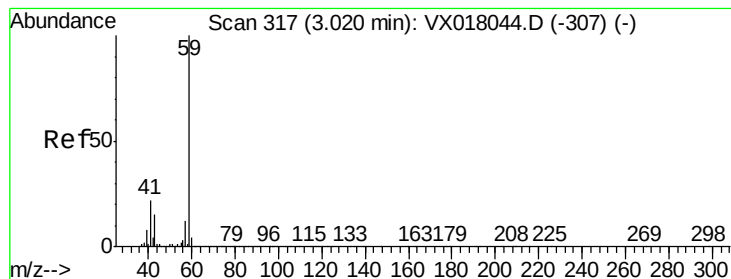
Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	142	Resp:	280640
Ion Ratio	Lower	Upper	
142	100		
127	48.5	37.0	55.6
141	15.3	11.5	17.3





#11

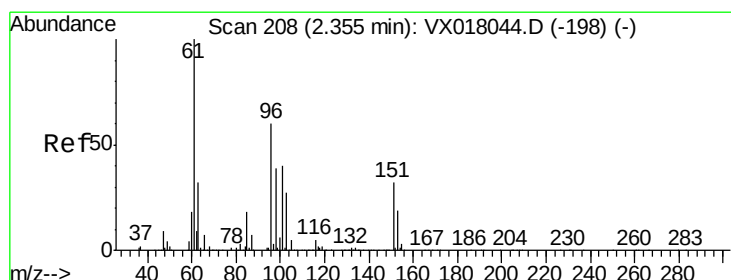
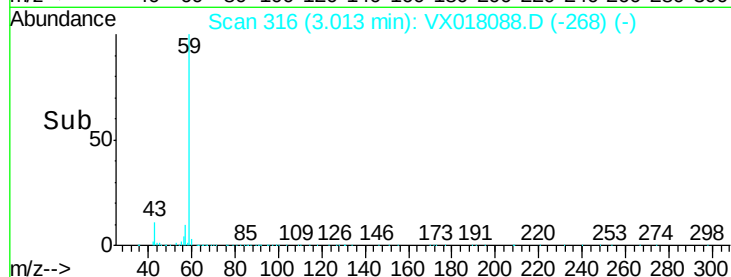
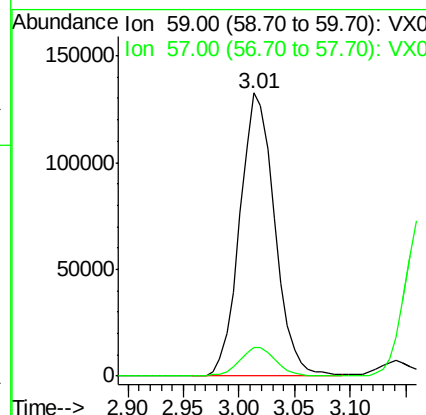
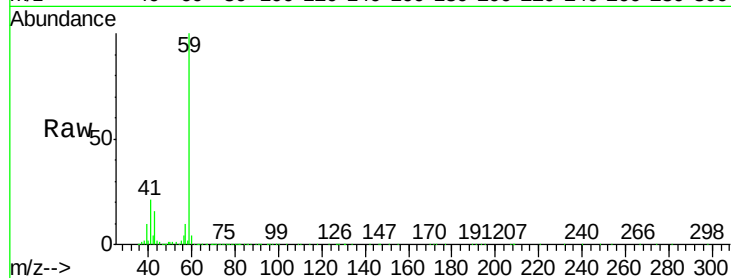
Tert butyl alcohol
Concen: 206.347 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.9	13.3

Manual Integrations
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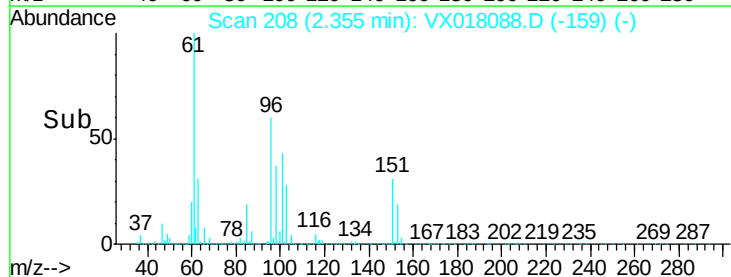
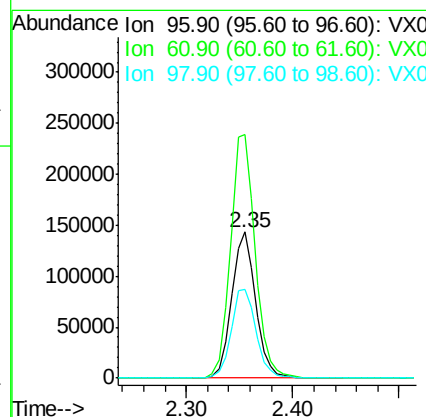
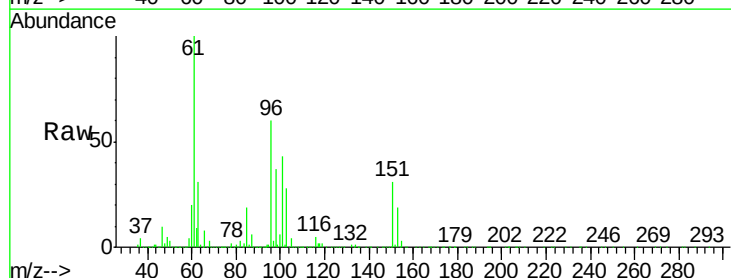
MMDadoda
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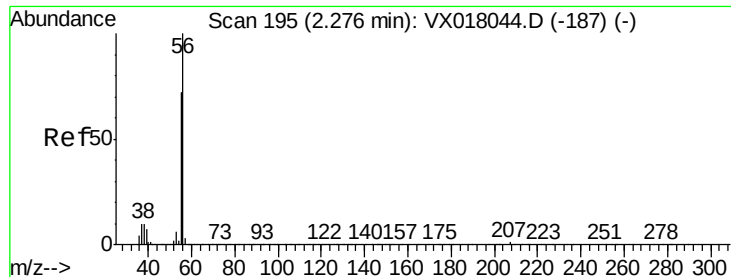


#12

1,1-Dichloroethene
Concen: 44.416 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.6	133.0	199.4
98	60.9	51.6	77.4





#13

Acrolein

Concen: 183.580 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 106563

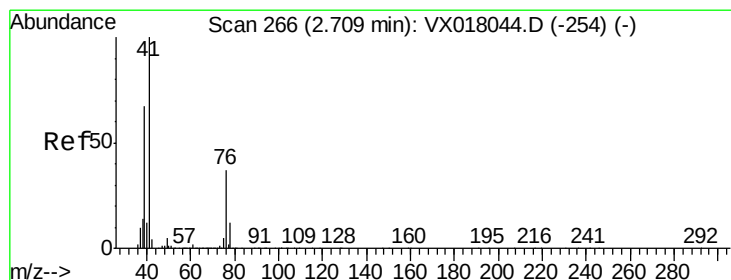
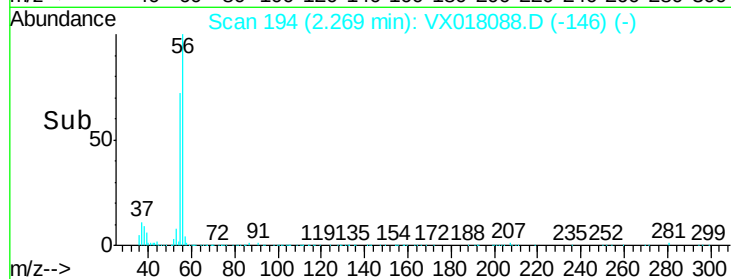
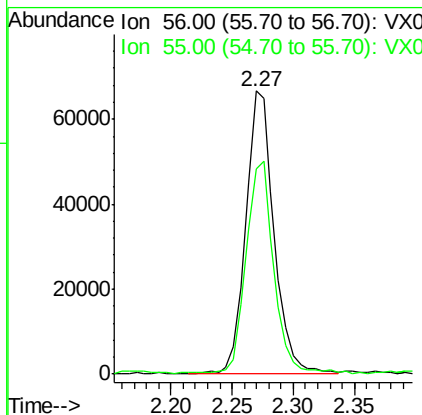
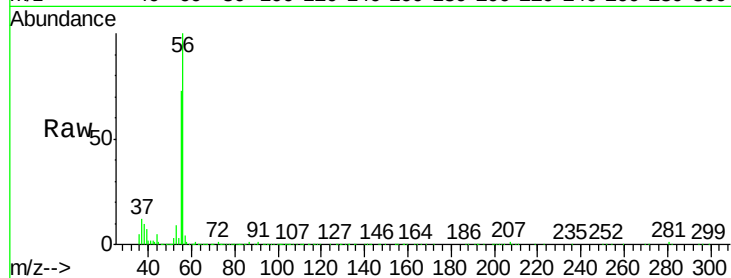
Ion Ratio Lower Upper

56 100

55 73.5 57.0 85.6

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#14

Allyl chloride

Concen: 46.608 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

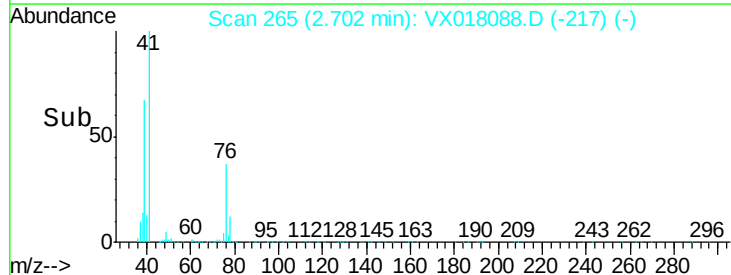
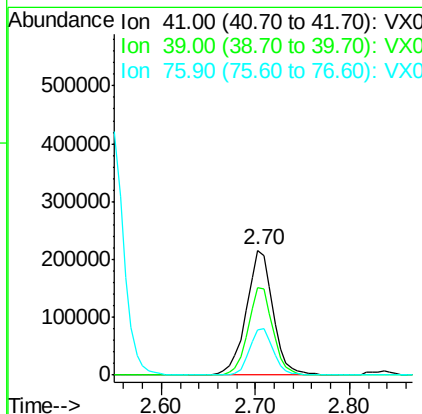
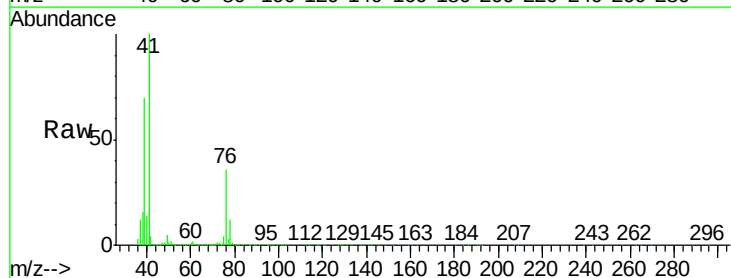
Tgt Ion: 41 Resp: 424404

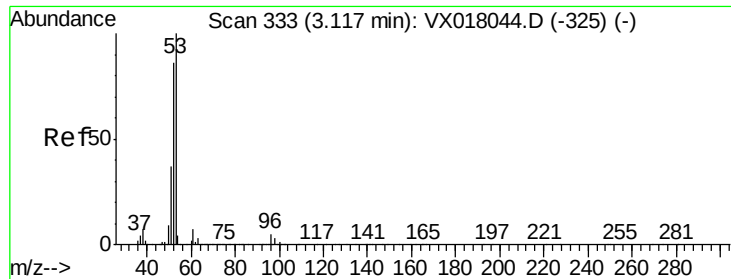
Ion Ratio Lower Upper

41 100

39 65.3 50.6 76.0

76 32.9 26.2 39.2





#15

Acrylonitrile

Concen: 217.866 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

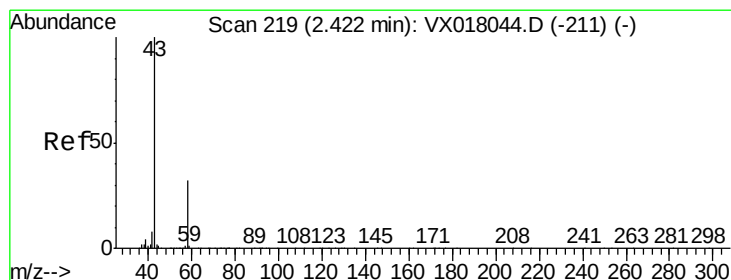
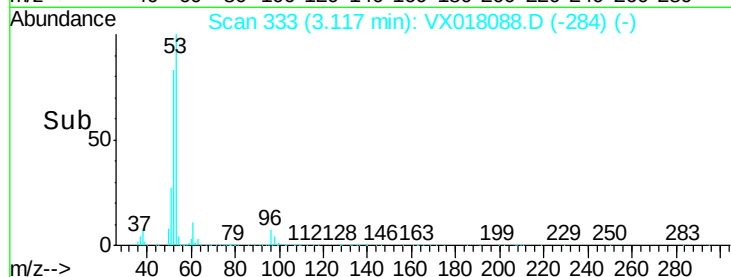
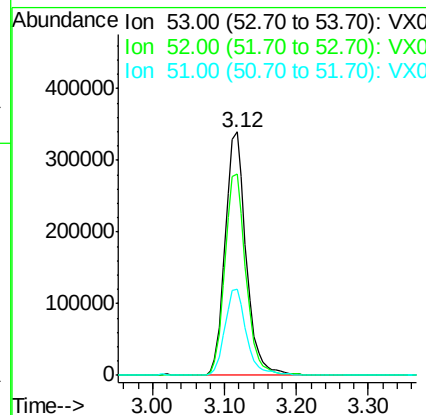
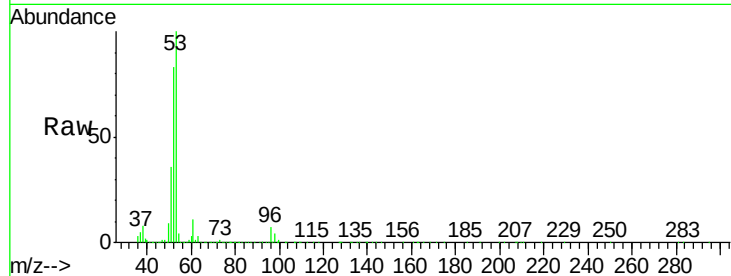
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	691851
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.9	100.3
51	36.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 201.583 ug/l

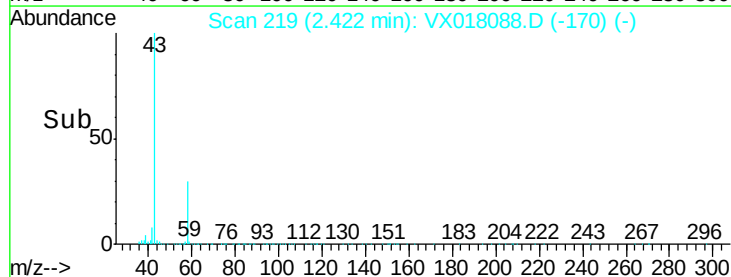
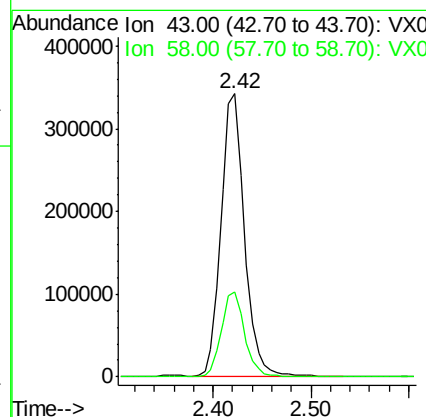
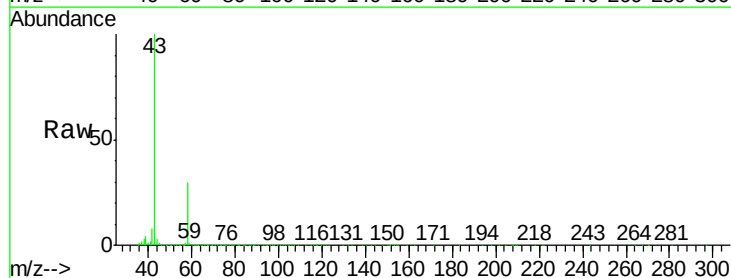
RT: 2.42 min Scan# 219

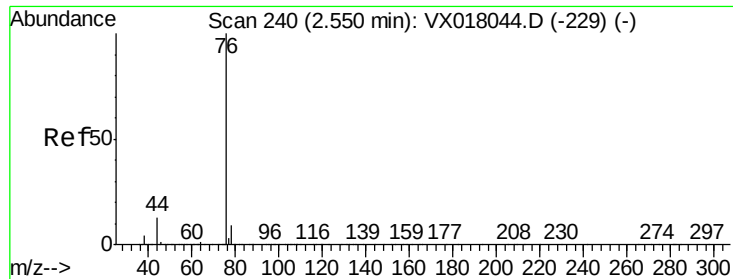
Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	43	Resp:	565547
Ion Ratio		Lower	Upper
43	100		
58	30.0	25.5	38.3





#17

Carbon Disulfide

Concen: 44.548 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 682547

Ion Ratio Lower Upper

76 100

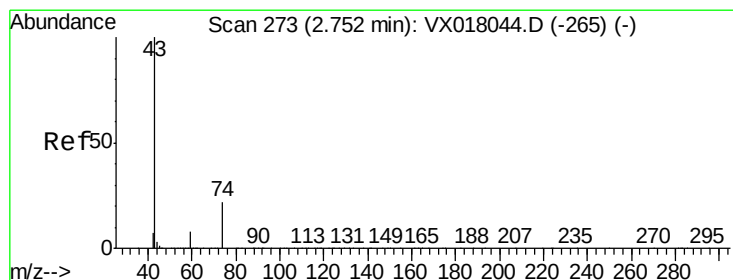
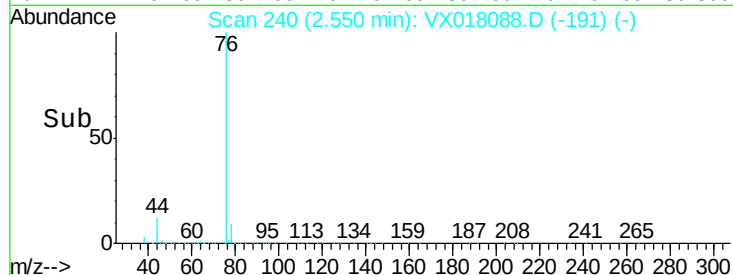
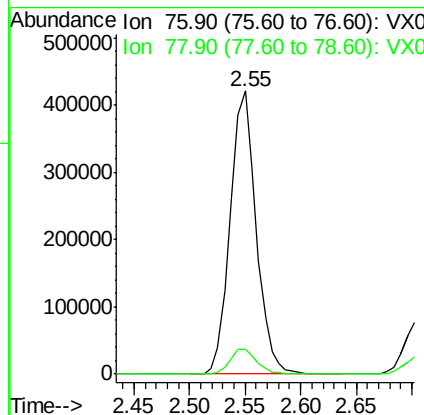
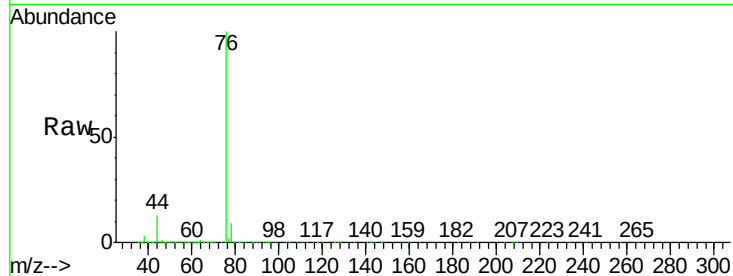
78 8.9 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 45.856 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018088.D

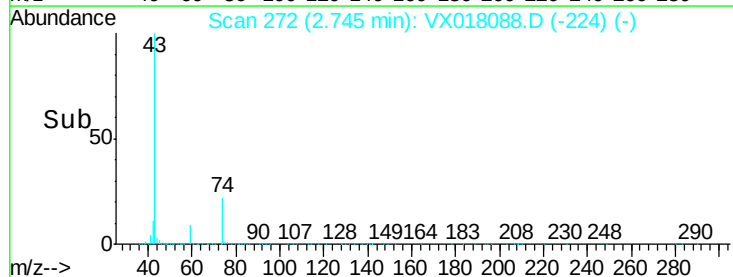
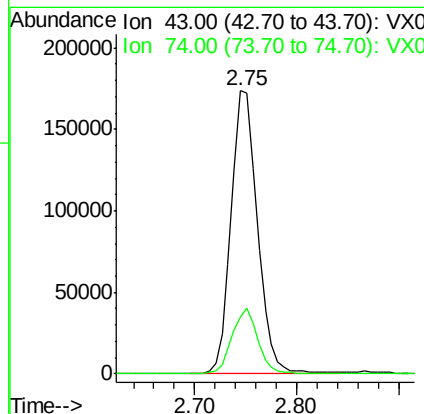
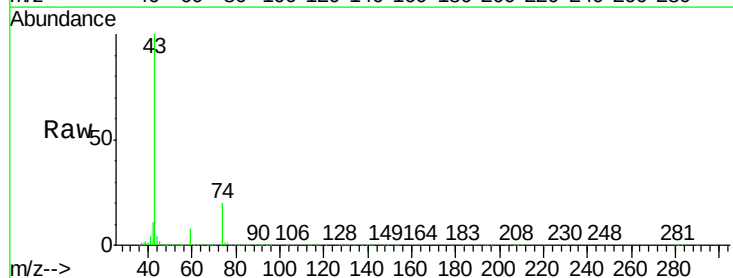
Acq: 27 Aug 2020 13:55

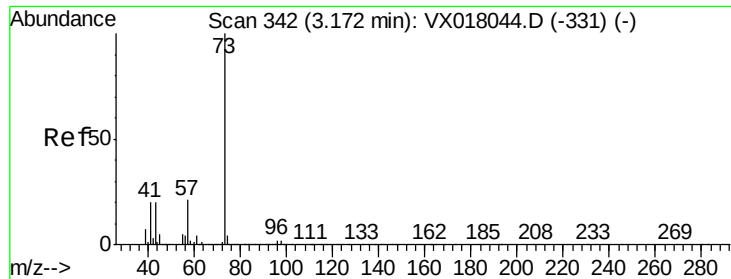
Tgt Ion: 43 Resp: 310449

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.4





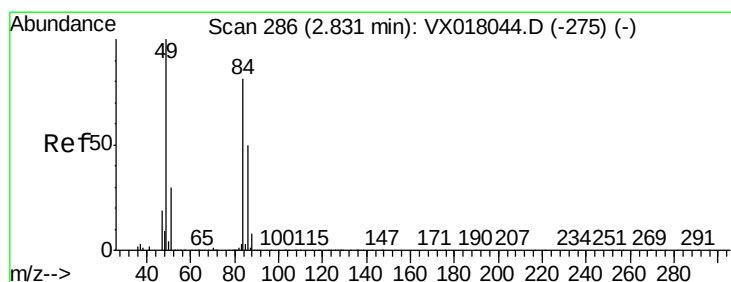
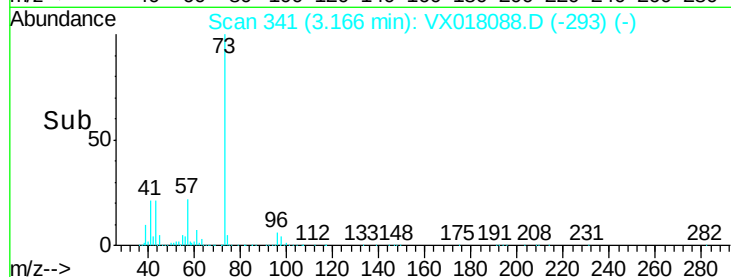
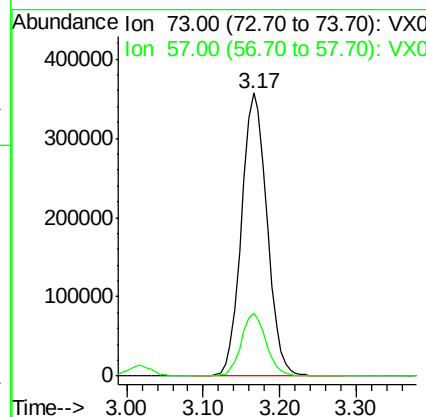
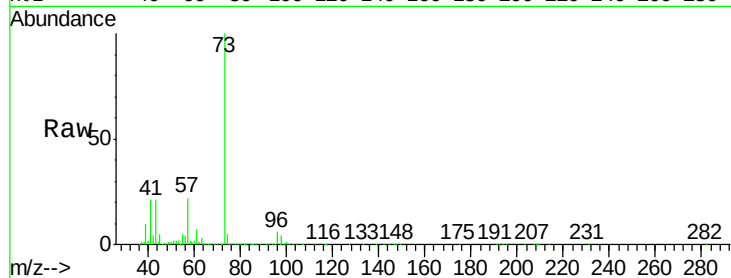
#19
Methyl tert-butyl Ether
Concen: 47.508 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

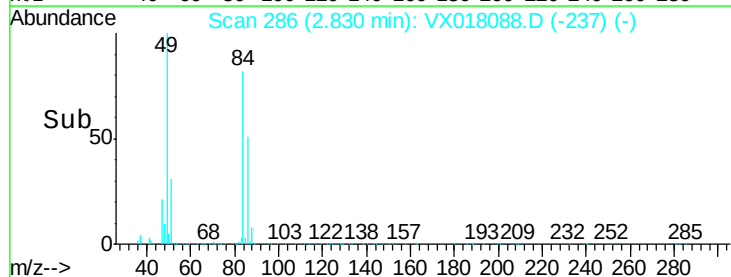
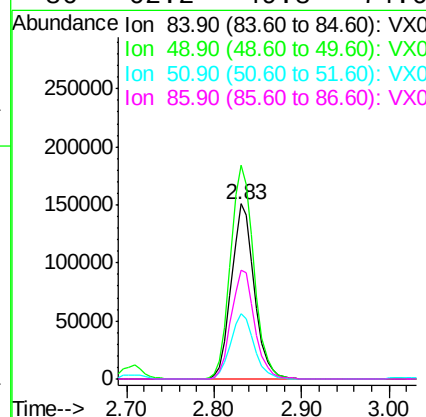
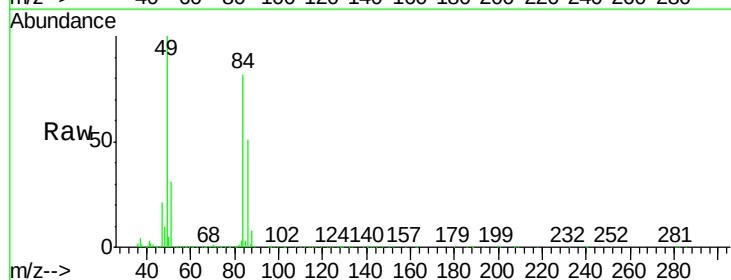
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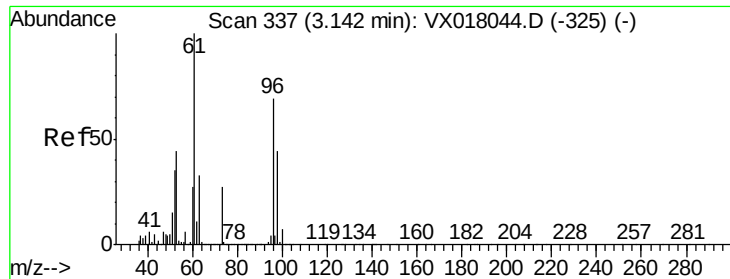
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#20
Methylene Chloride
Concen: 47.904 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	98.6	148.0
51	37.1	29.6	44.4
86	62.2	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 46.983 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

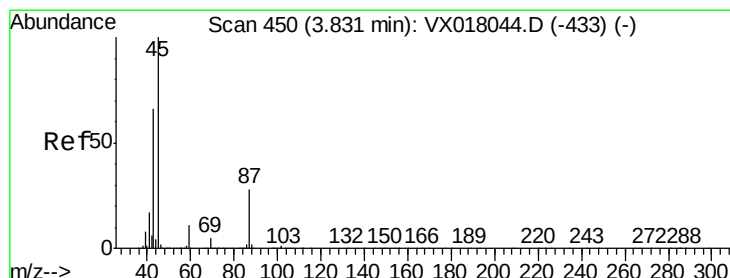
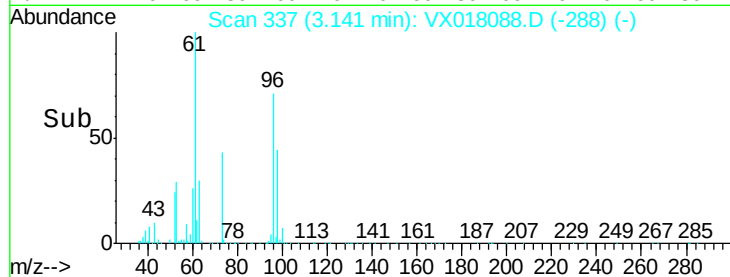
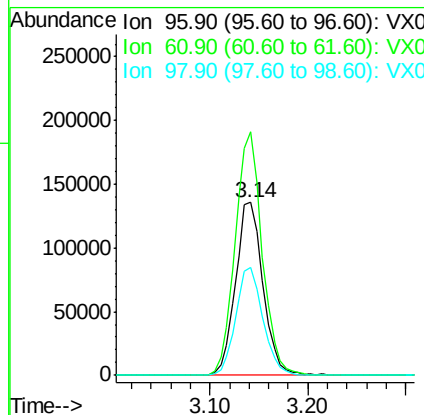
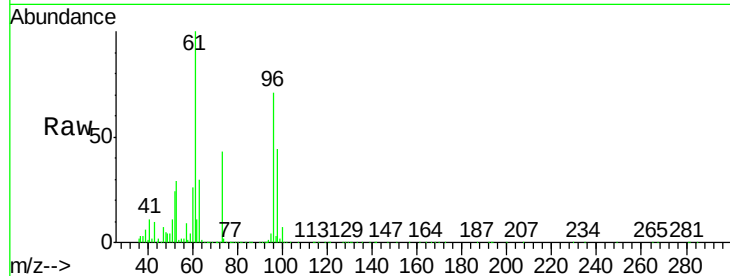
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	263825
Ion Ratio	Lower	Upper	
96	100		
61	140.7	115.4	173.0
98	62.2	51.1	76.7

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#22

Diisopropyl ether

Concen: 46.065 ug/l

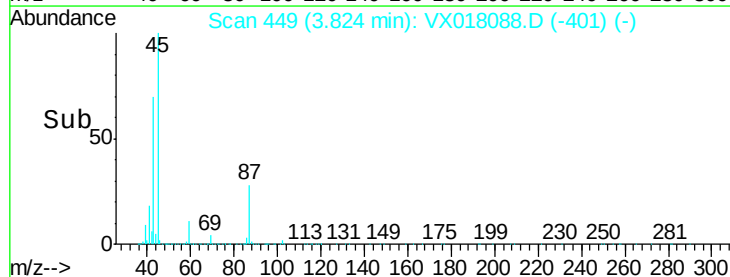
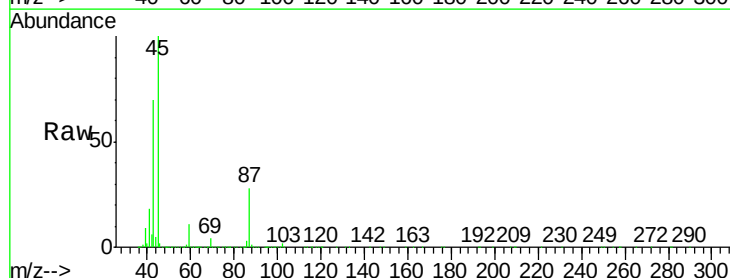
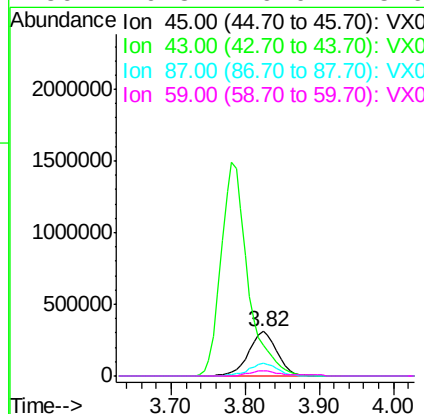
RT: 3.82 min Scan# 449

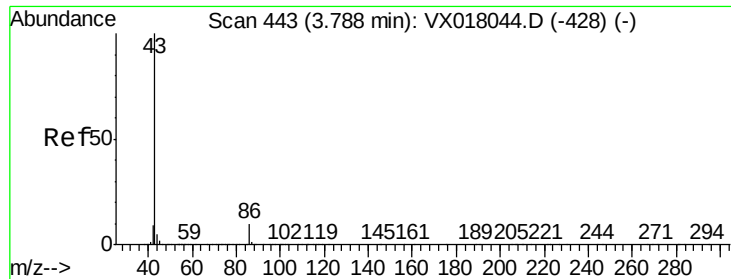
Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	45	Resp:	827884
Ion Ratio	Lower	Upper	
45	100		
43	69.7	52.8	79.2
87	27.6	22.5	33.7
59	10.8	9.0	13.6





#23

Vinyl Acetate

Concen: 232.990 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3725949

Ion Ratio Lower Upper

43 100

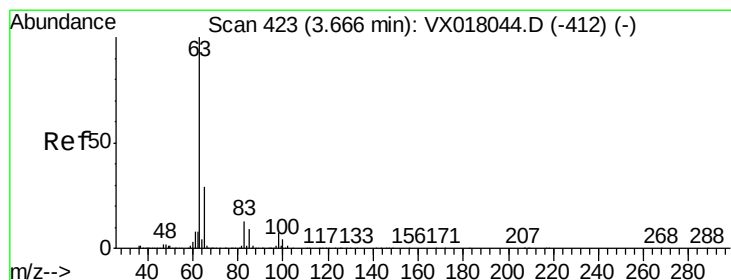
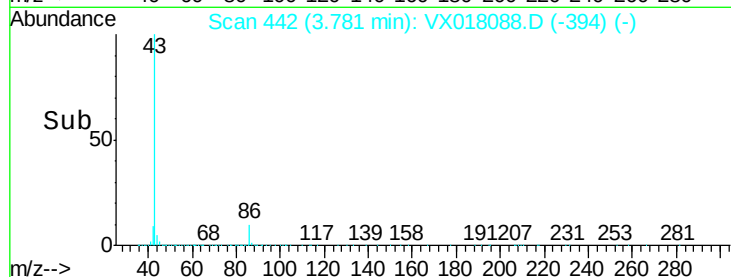
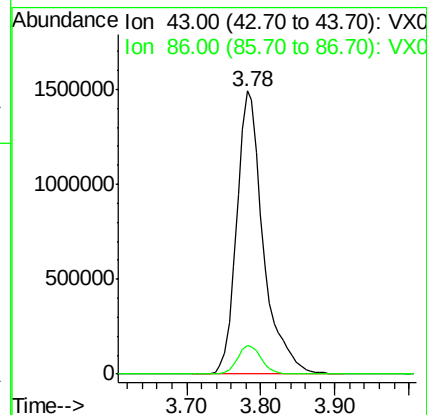
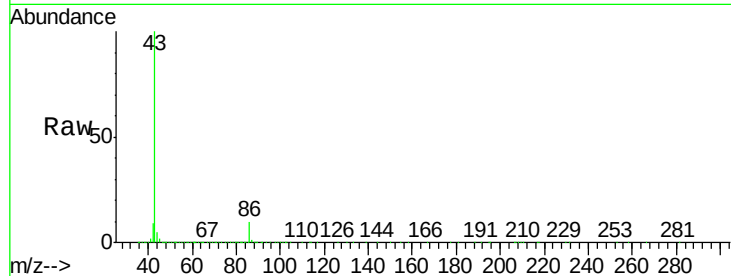
86 10.0 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.151 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

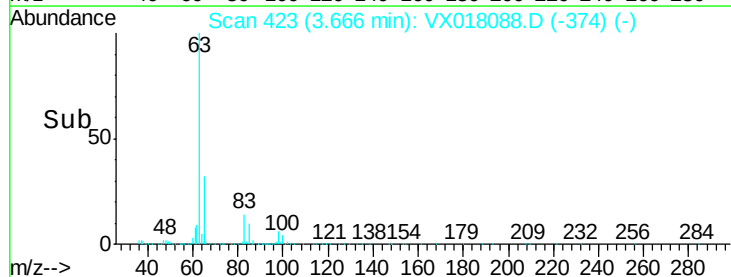
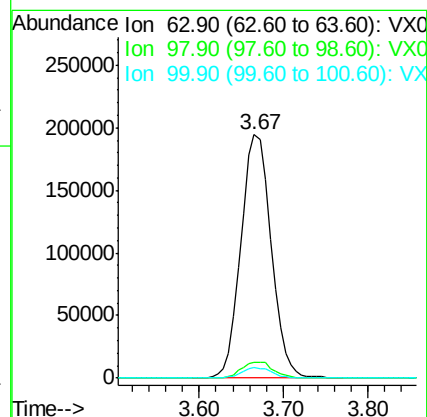
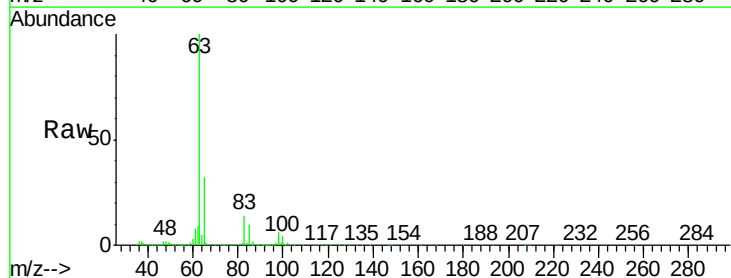
Tgt Ion: 63 Resp: 472151

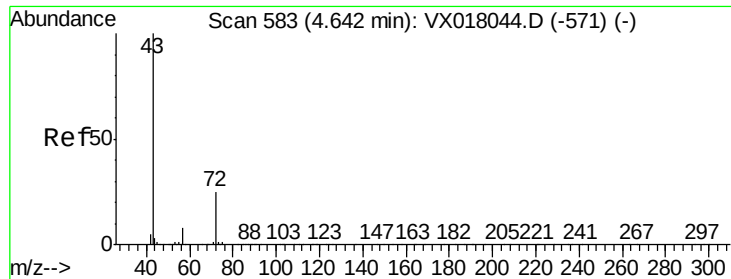
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 207.880 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tot Ion: 43 Resp: 958492

Ion Ratio Lower Upper

43 100

72 25.8 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

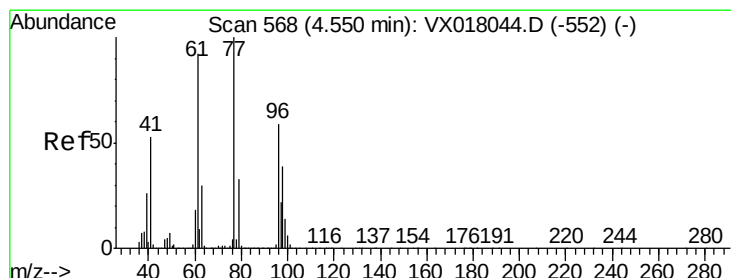
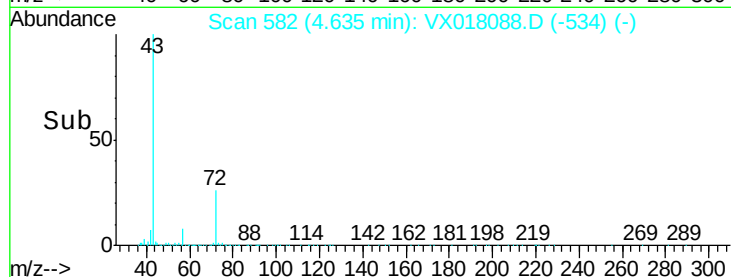
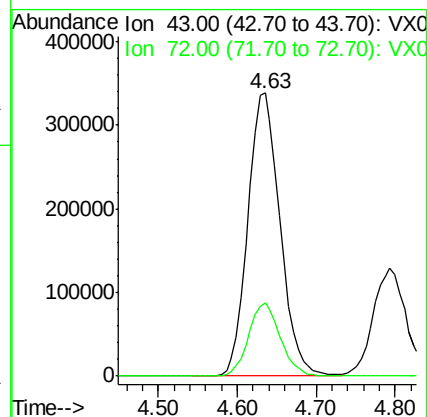
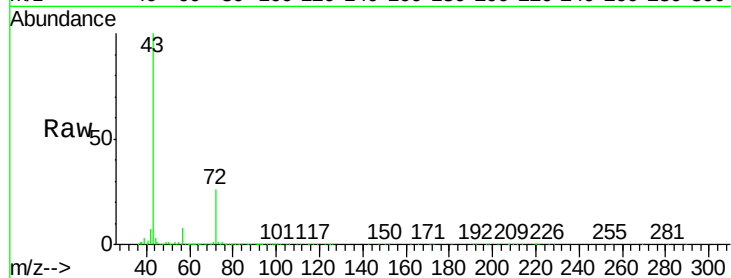
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.926 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018088.D

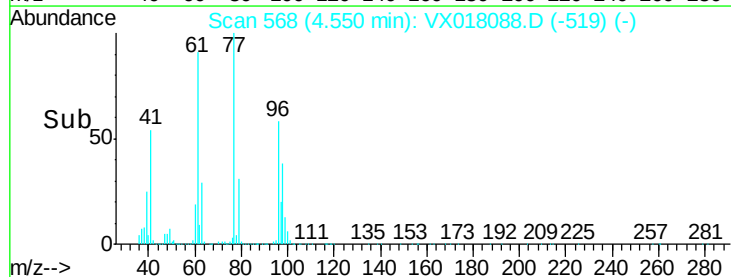
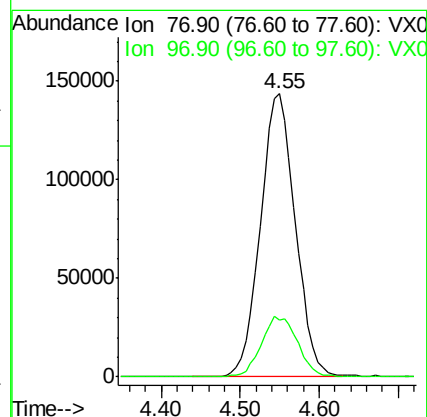
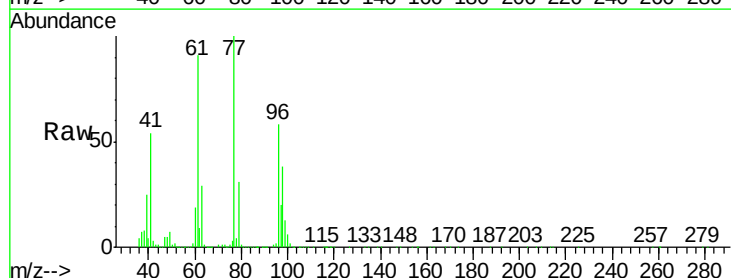
Acq: 27 Aug 2020 13:55

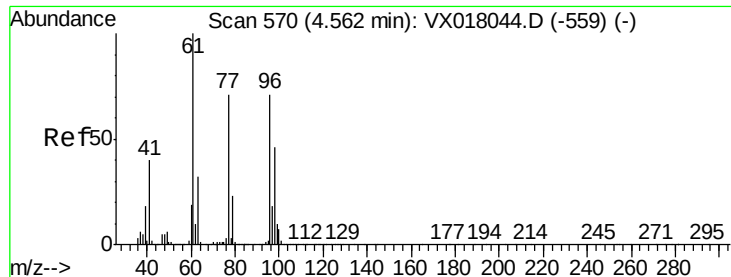
Tgt Ion: 77 Resp: 440557

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5





#27

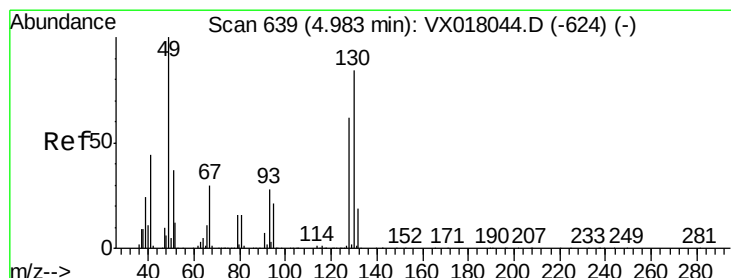
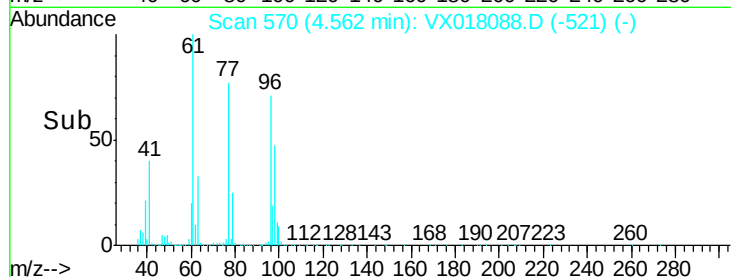
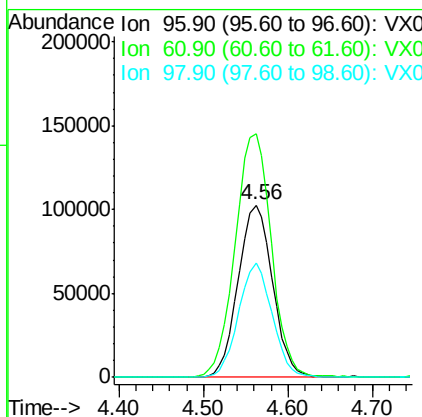
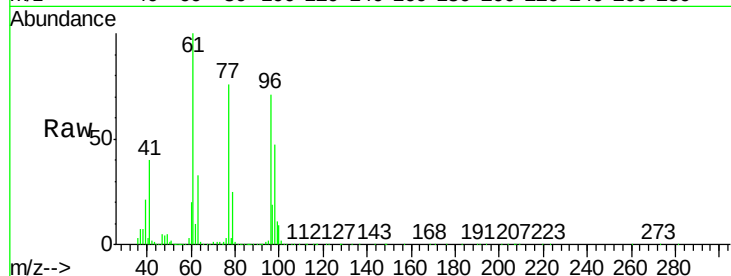
cis-1,2-Dichloroethene
Concen: 43.992 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.2	0.0	296.6	
98	64.7	0.0	130.2	

Manual Integrations
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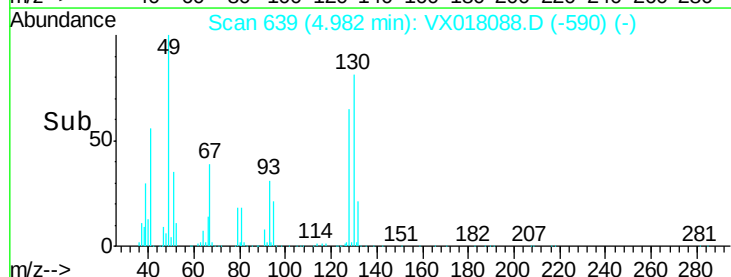
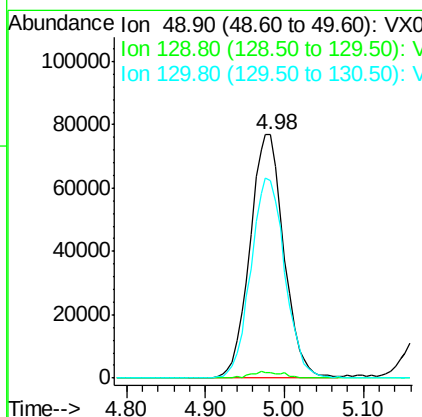
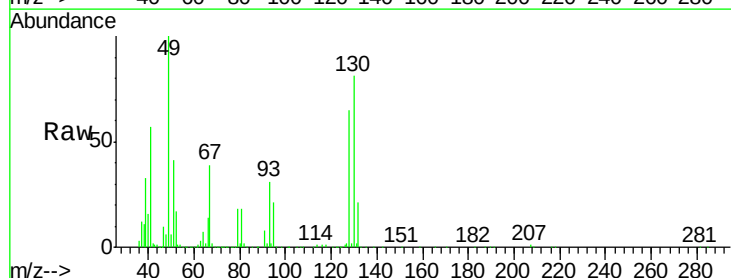
MMDadoda
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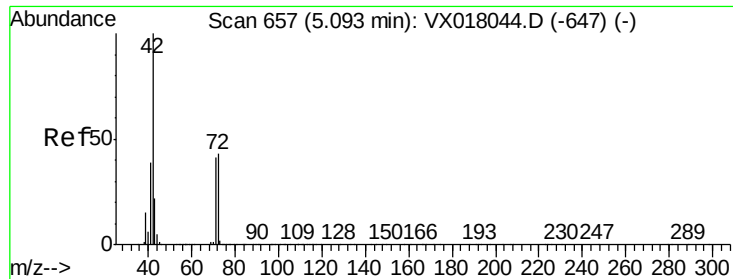


#28

Bromochloromethane
Concen: 46.353 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.6	
130	82.9	64.6	96.8	





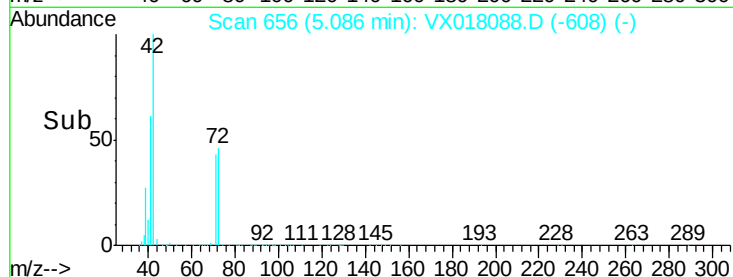
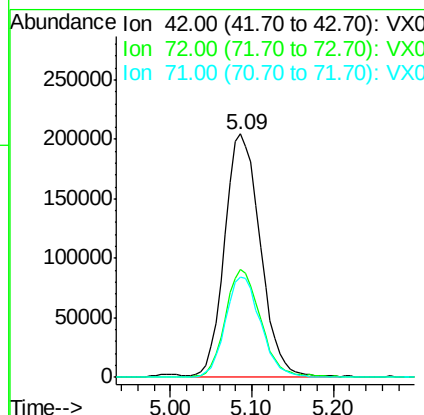
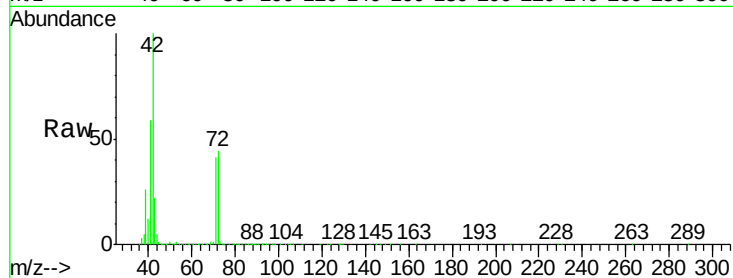
#29
Tetrahydrofuran
Concen: 209.409 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.2	51.4
71	41.1	32.1	48.1

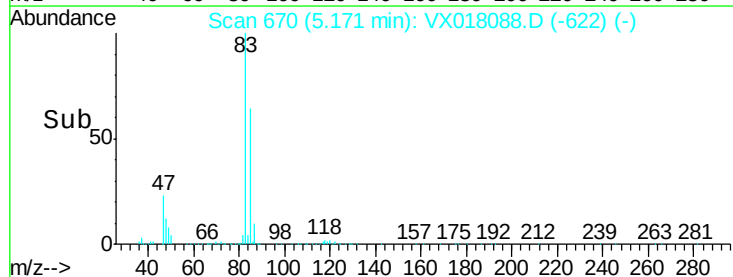
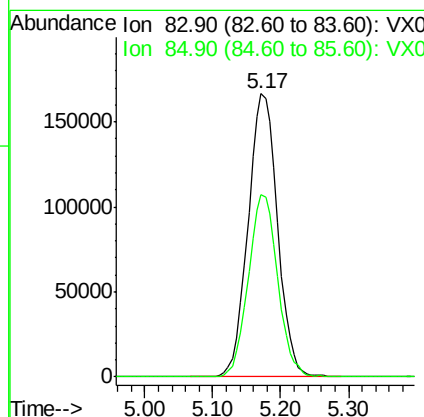
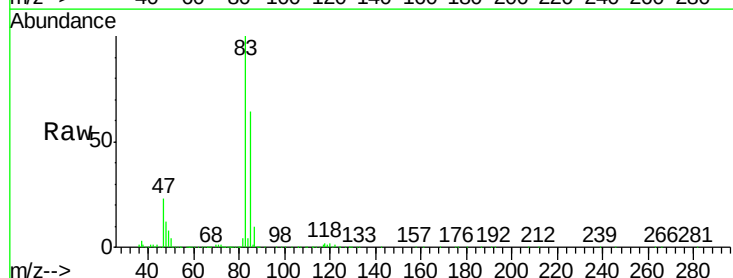
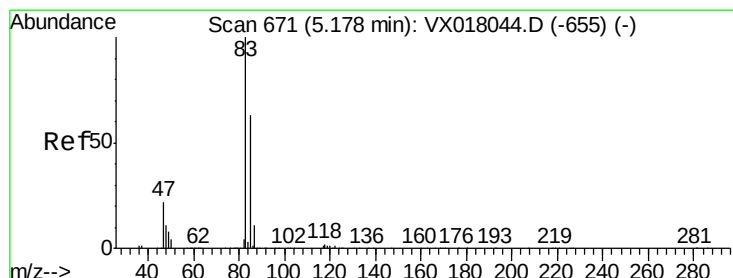
Manual Integrations
APPROVED

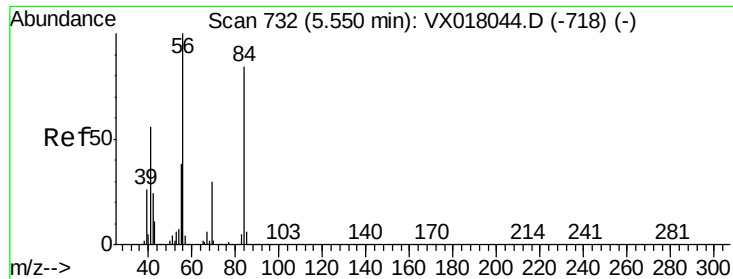
MMDadoda
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#30
Chloroform
Concen: 47.384 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.7	76.1





#31

Cyclohexane

Concen: 46.261 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

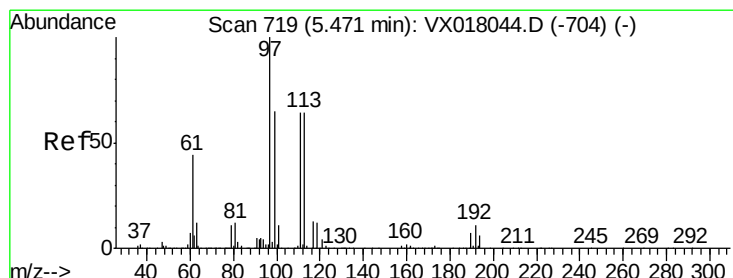
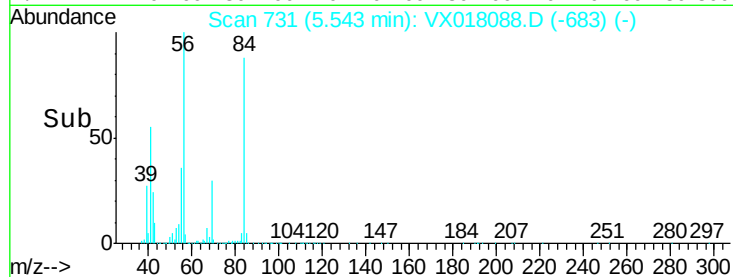
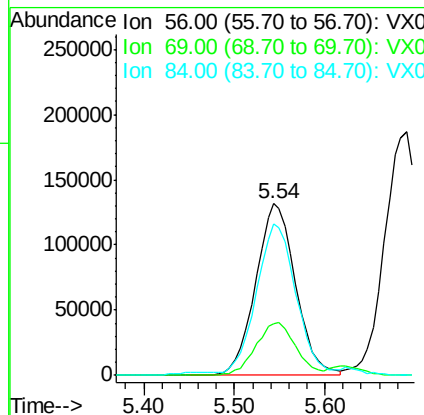
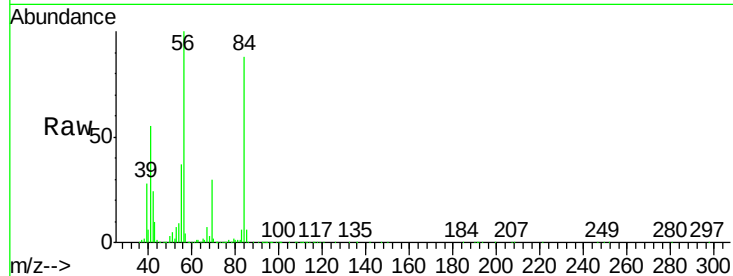
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	398667
Ion Ratio	Lower	Upper	
56	100		
69	30.0	23.9	35.9
84	86.1	67.0	100.4

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 48.199 ug/l

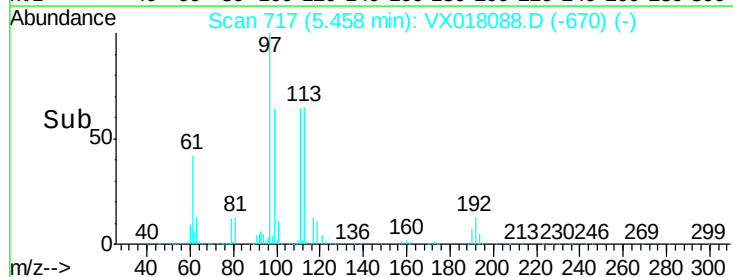
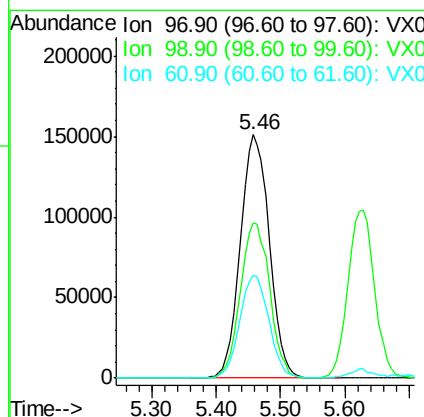
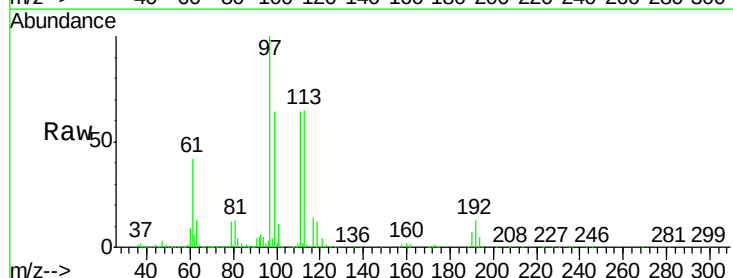
RT: 5.46 min Scan# 717

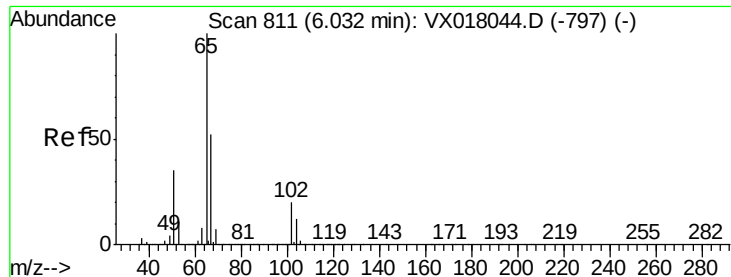
Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	97	Resp:	468563
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.4	77.0
61	42.3	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 49.931 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 359497

Ion Ratio Lower Upper

65 100

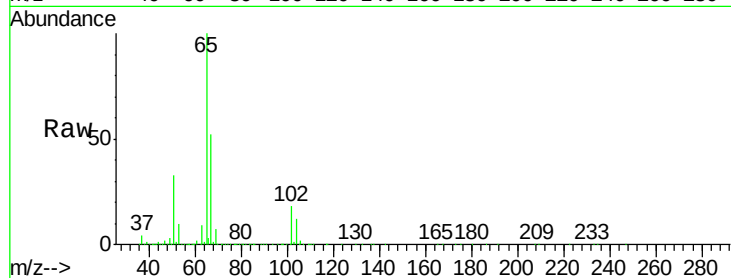
67 50.5 0.0 105.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

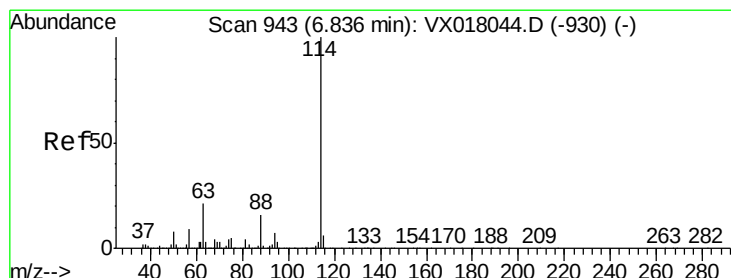
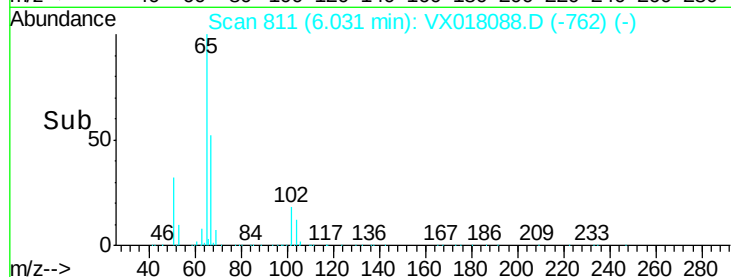
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

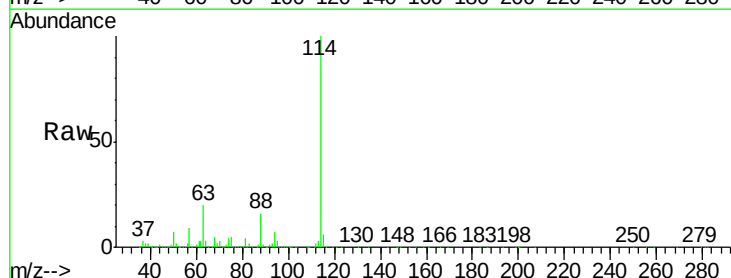
Tgt Ion: 114 Resp: 770093

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.6 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

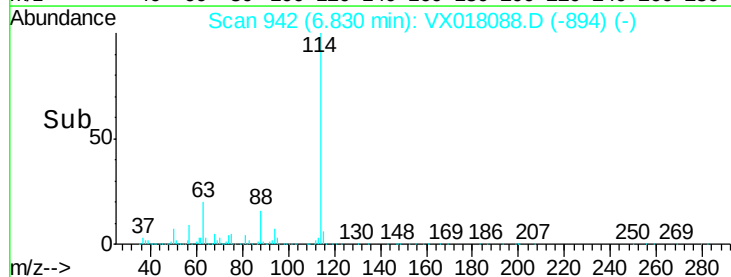
300000

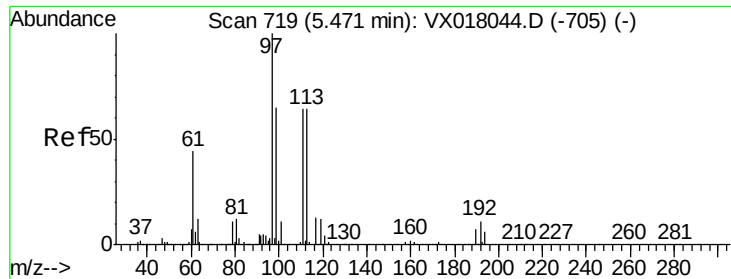
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 53.770 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

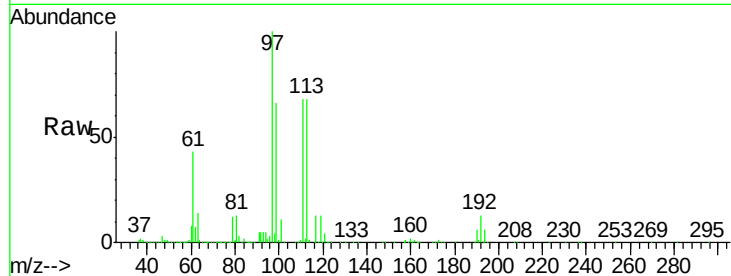
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	282006
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.6	122.4
192	19.9	15.8	23.8

Manual Integrations
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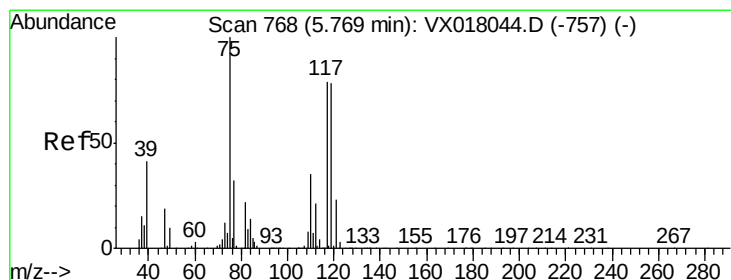
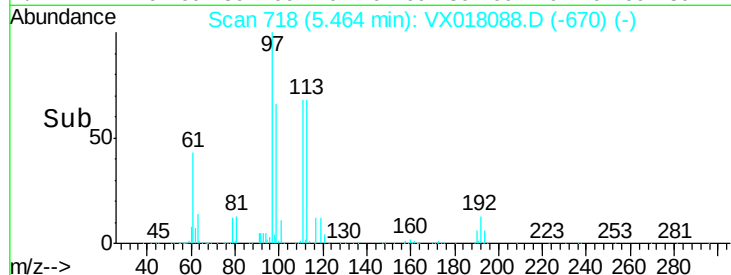
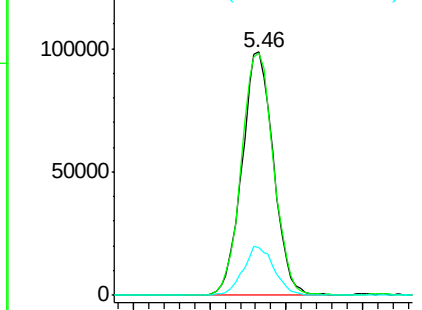
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.429 ug/l

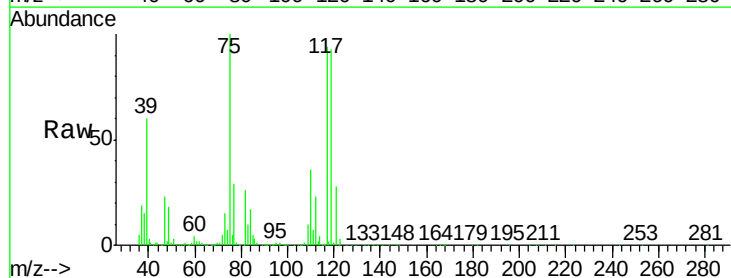
RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

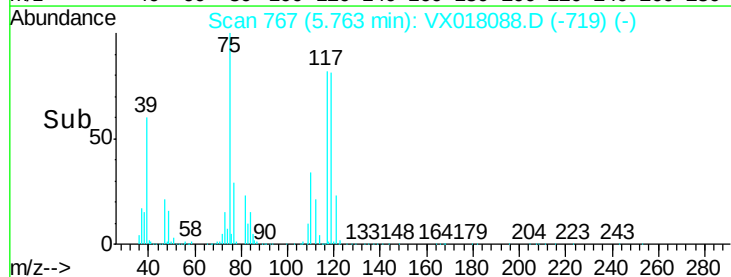
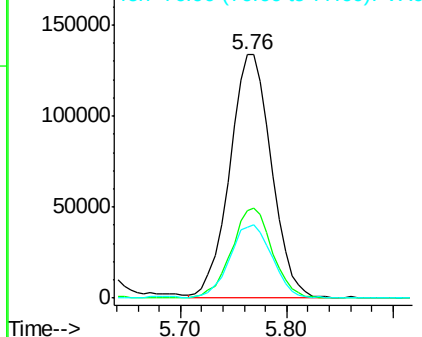
Tgt Ion:	75	Resp:	365297
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.0	54.0
77	30.4	24.4	36.6

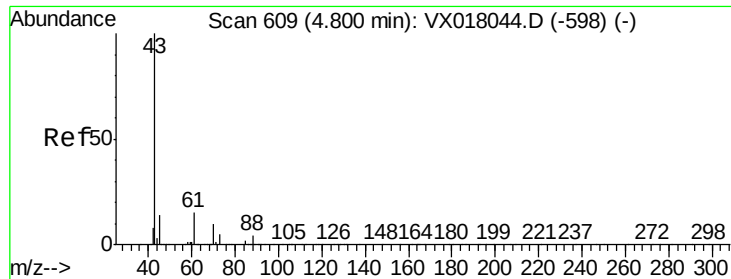


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





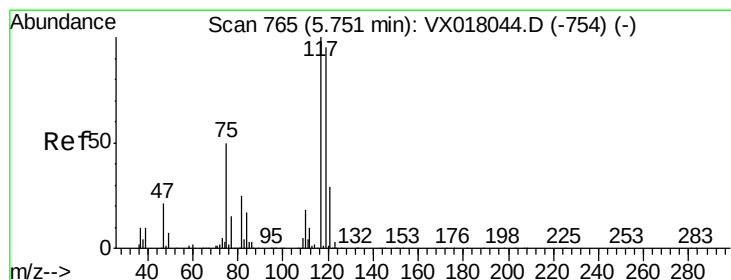
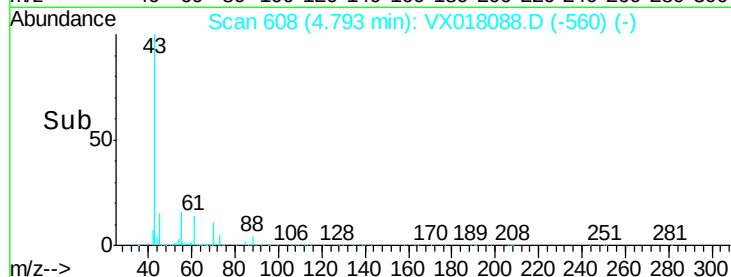
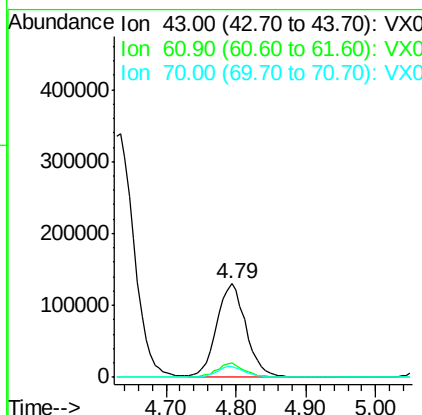
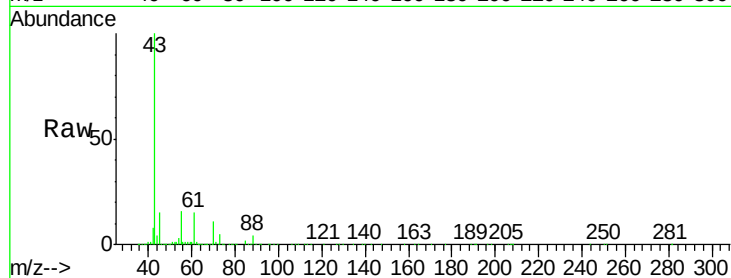
#37
Ethyl Acetate
Concen: 45.757 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	377476
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.9	8.2	12.4

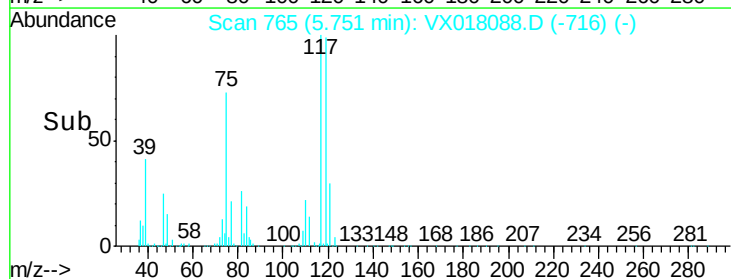
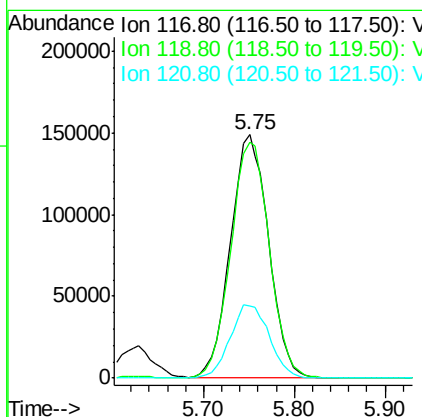
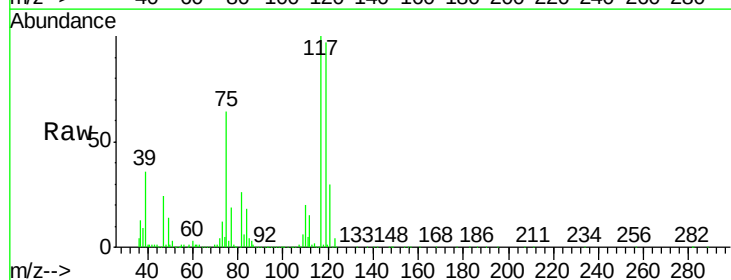
Manual Integrations
APPROVED

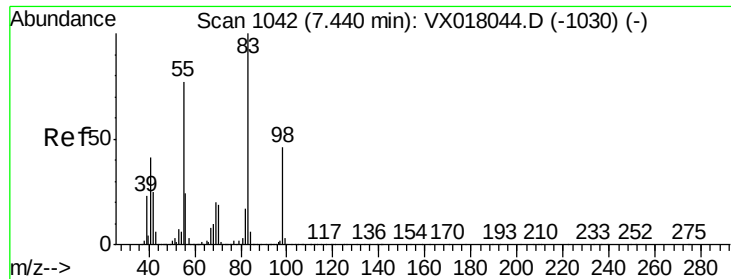
MMDadoda
8/28/2020 2:59:12 PM



#38
Carbon Tetrachloride
Concen: 54.313 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	117	Resp	434757
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.6
121	29.8	23.4	35.0





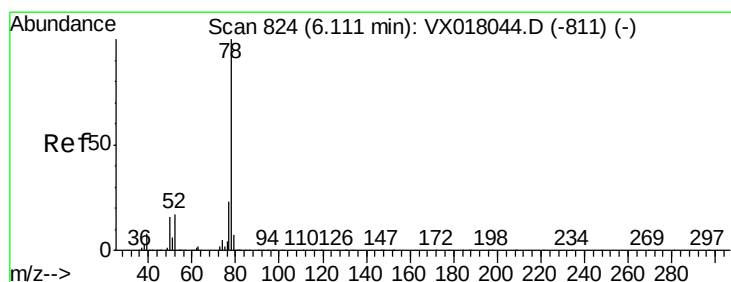
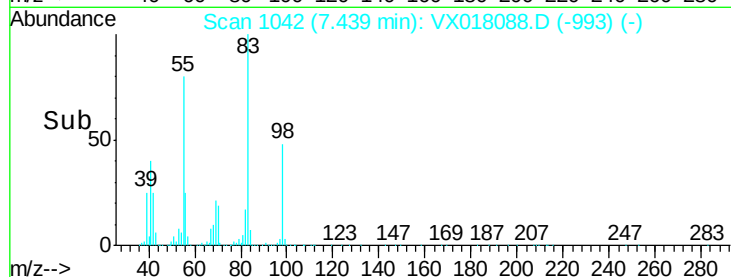
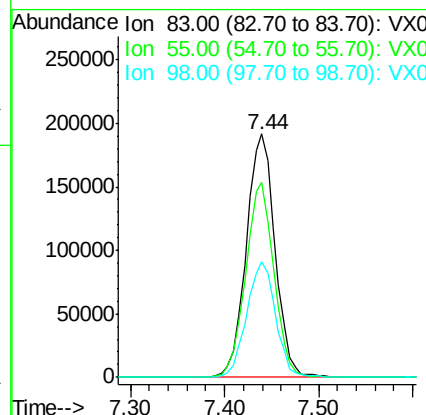
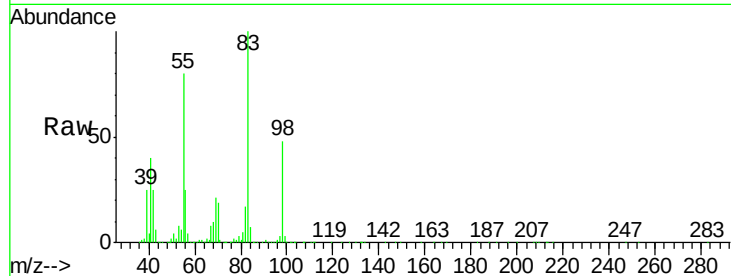
#39
Methylvlcyclohexane
Concen: 52.645 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	61.8	92.6
98	47.5	36.6	55.0

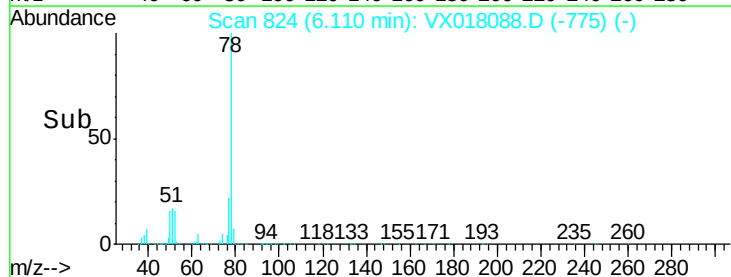
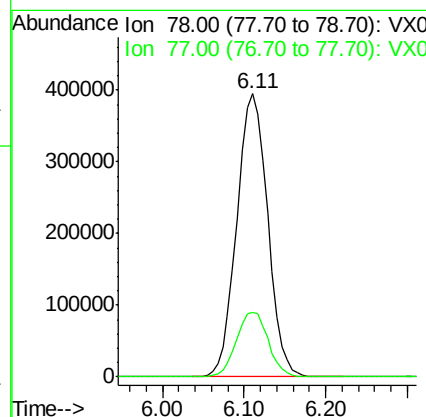
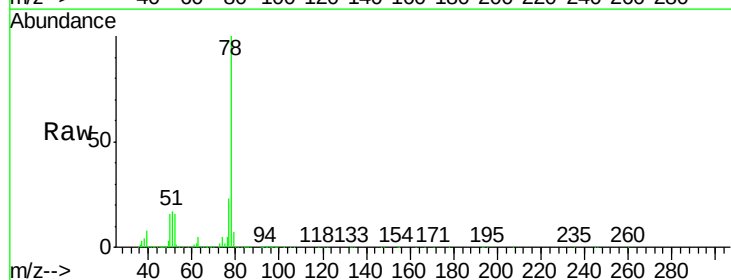
Manual Integrations
APPROVED

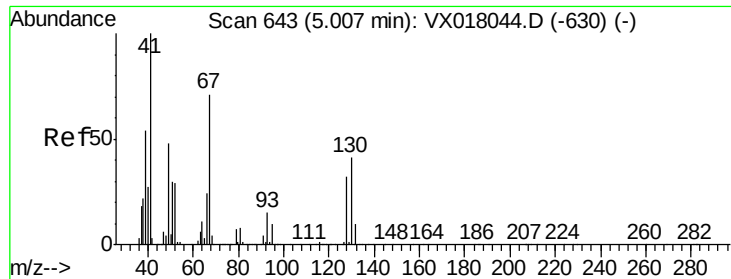
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#40
Benzene
Concen: 49.572 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2





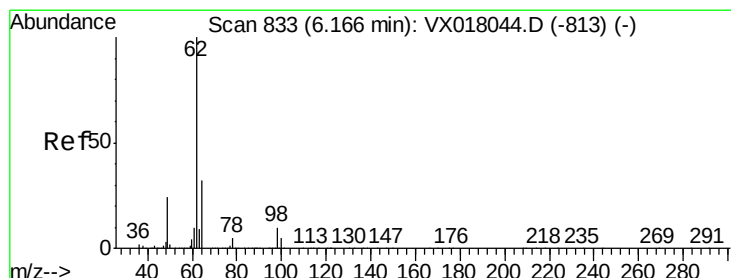
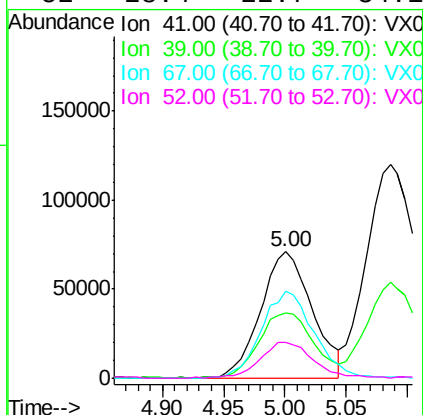
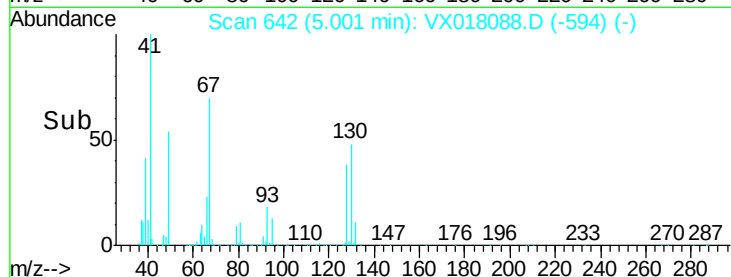
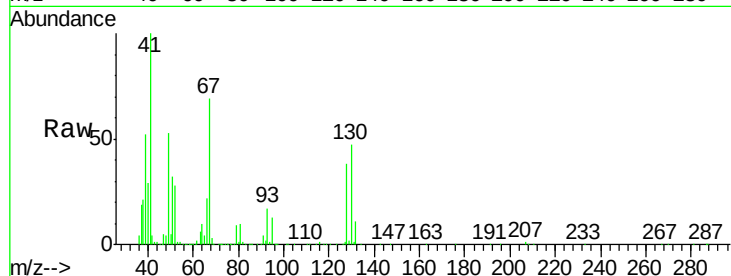
#41
Methacrylonitrile
Concen: 46.174 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		209151		
39	54.1	43.1	64.7		
67	70.4	56.0	84.0		
52	28.4	22.7	34.1		

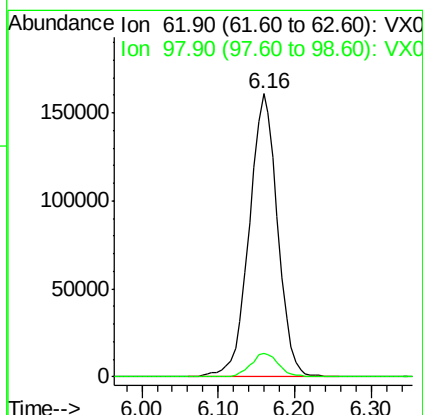
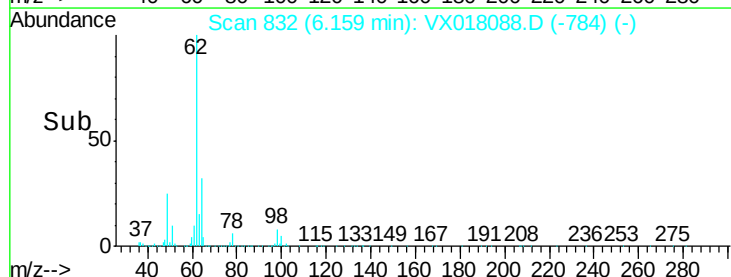
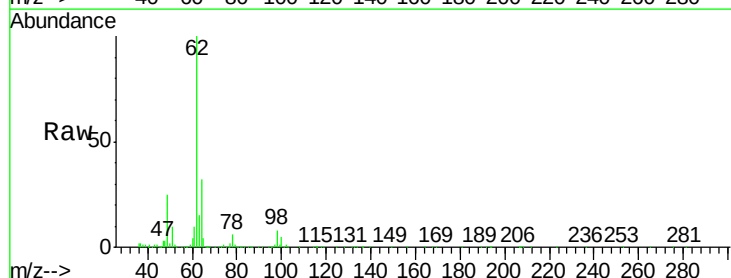
Manual Integrations
APPROVED

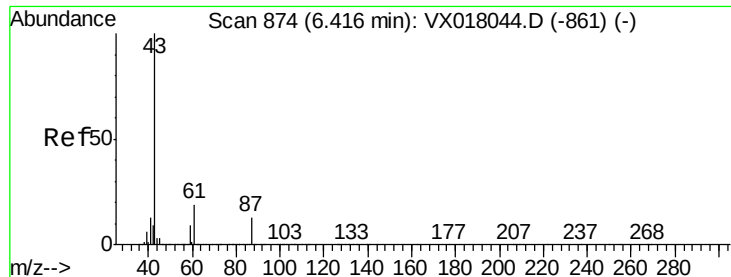
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.823 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		414402		
98	8.2	0.0	18.2		





#43

Isopropyl Acetate

Concen: 46.645 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

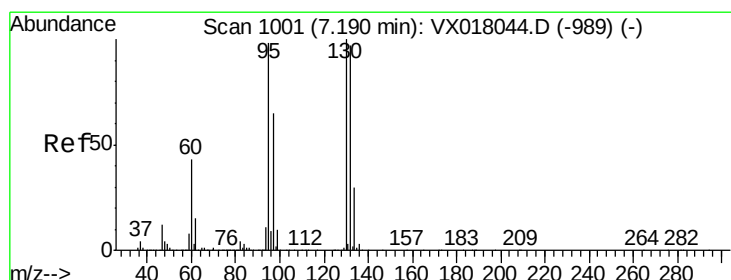
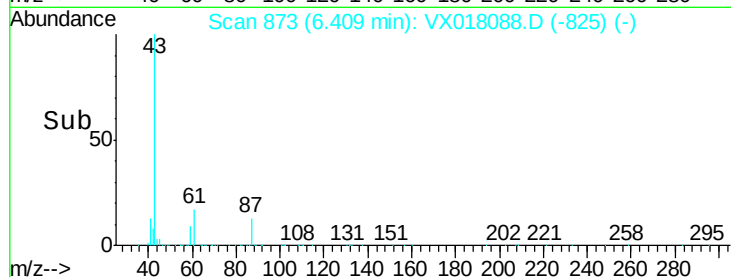
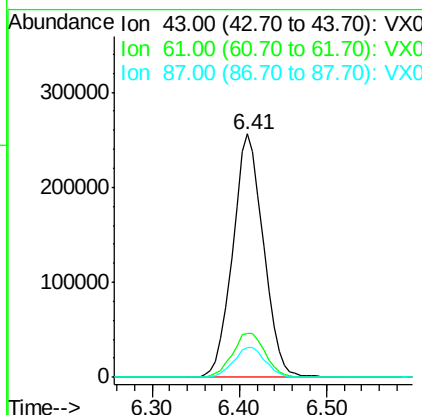
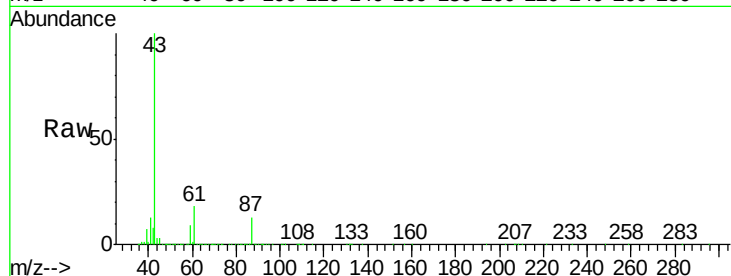
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	621532
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.1	10.3	15.5

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#44

Trichloroethene

Concen: 50.325 ug/l

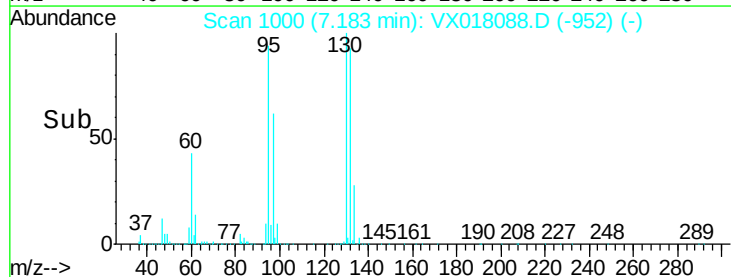
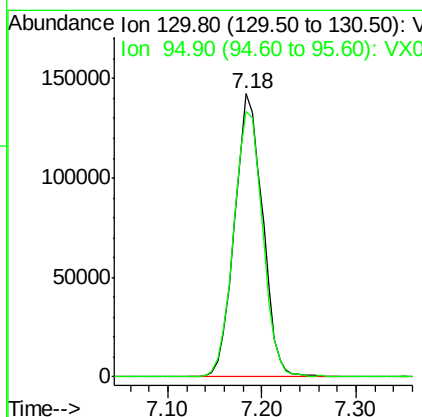
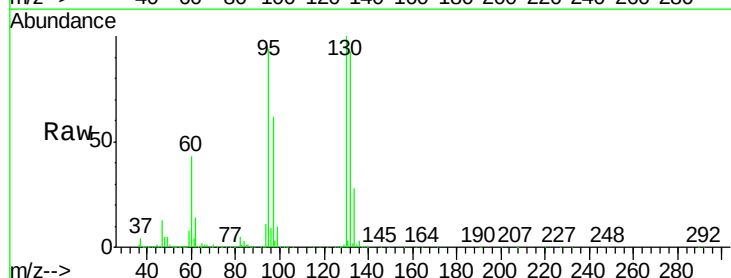
RT: 7.18 min Scan# 1000

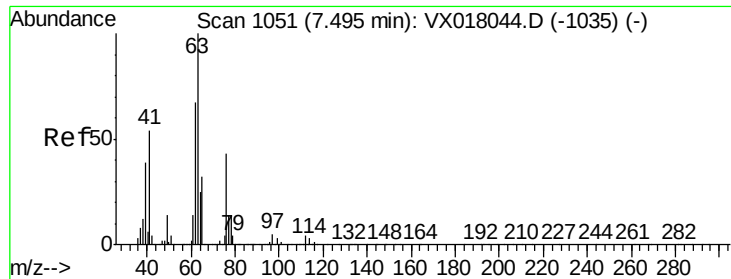
Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	130	Resp:	296785
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	196.4





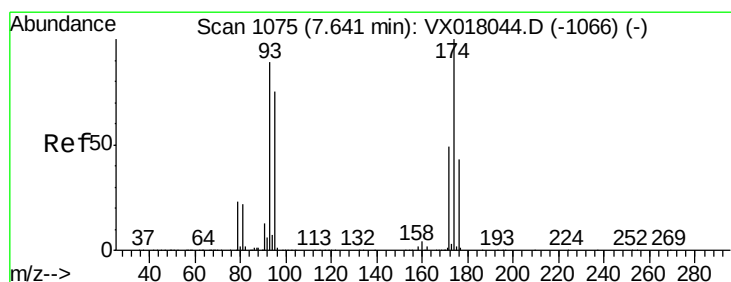
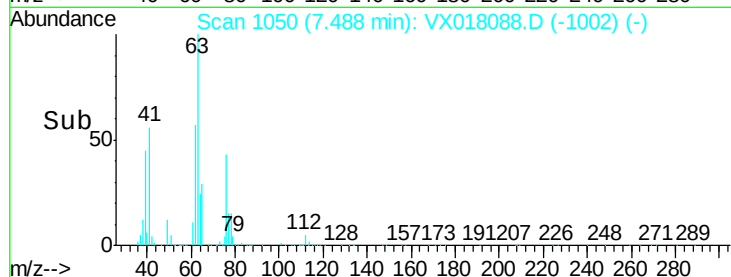
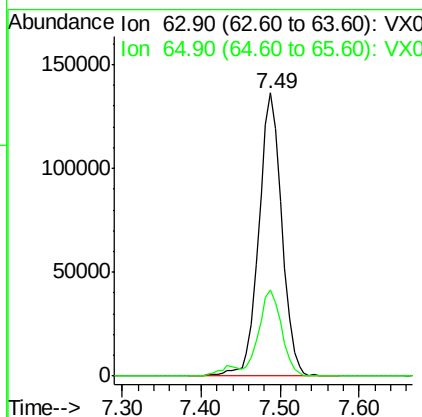
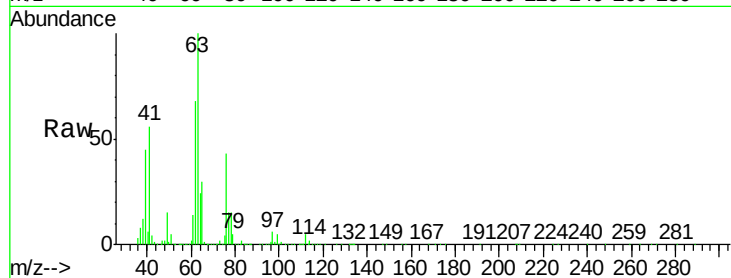
#45
 1,2-Dichloropropane
 Concen: 48.924 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.7	38.5

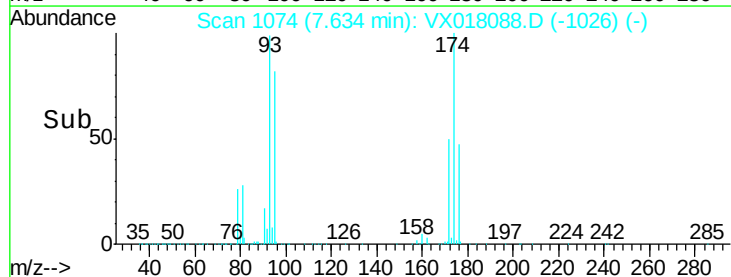
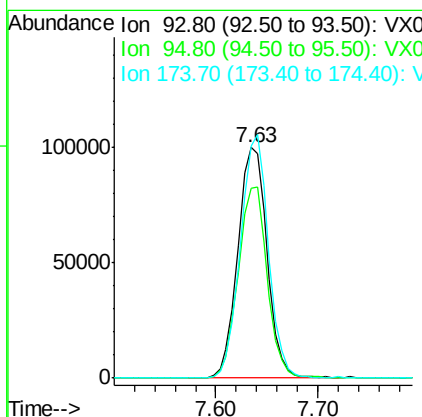
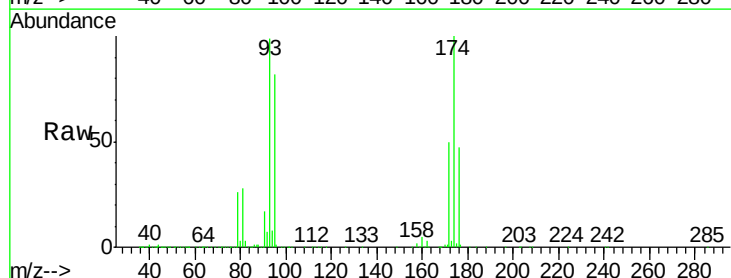
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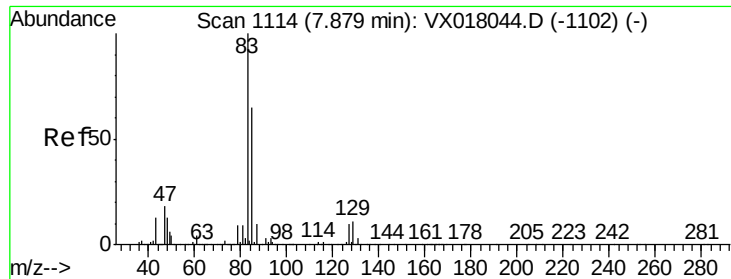
MMDadoda
 8/28/2020 2:59:12 PM



#46
 Dibromomethane
 Concen: 50.293 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.3	100.9
174	101.0	82.2	123.2





#47

Bromodichloromethane

Concen: 52.164 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

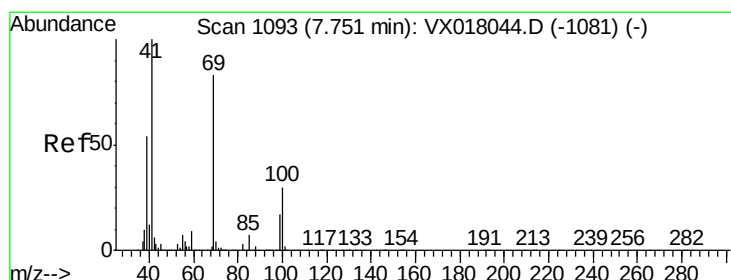
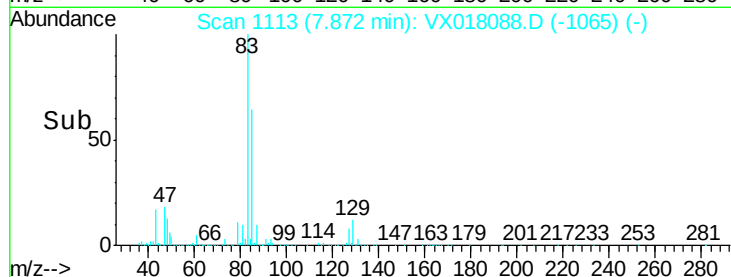
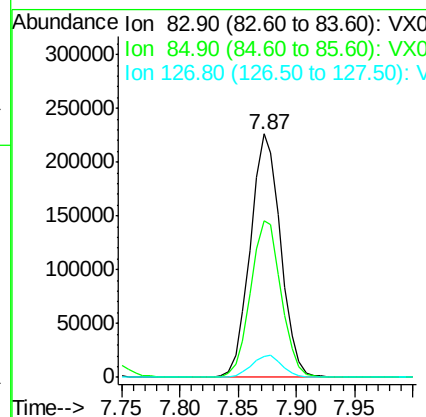
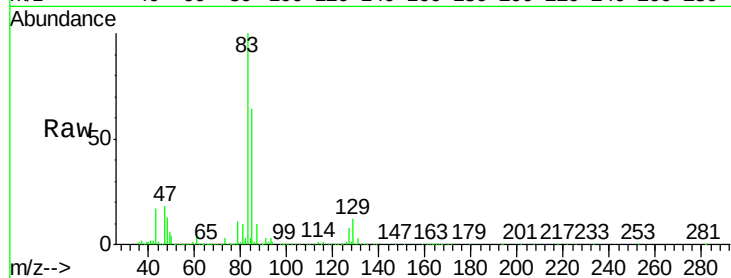
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	412010
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.6
127	8.5	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.823 ug/l

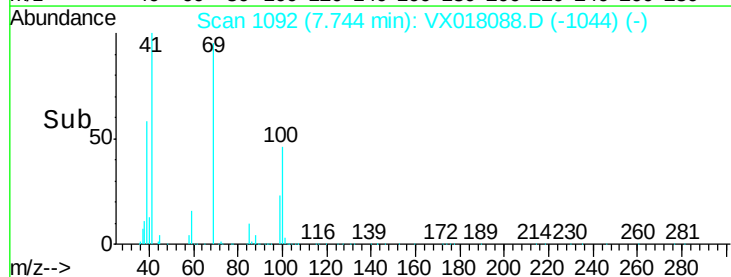
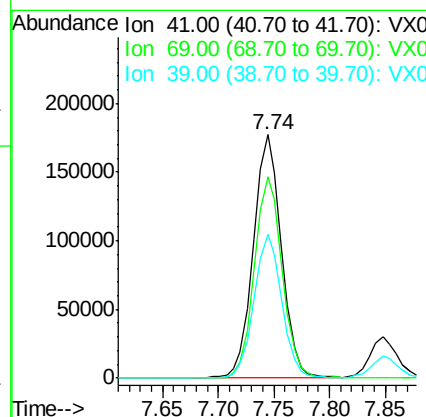
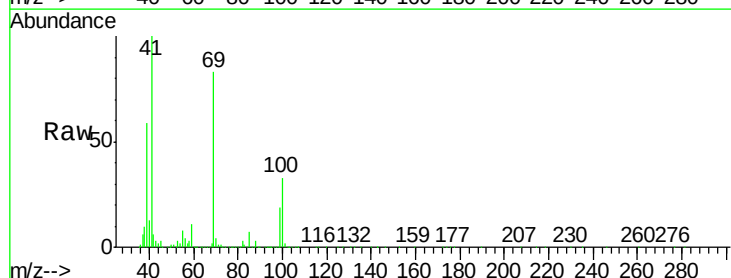
RT: 7.74 min Scan# 1092

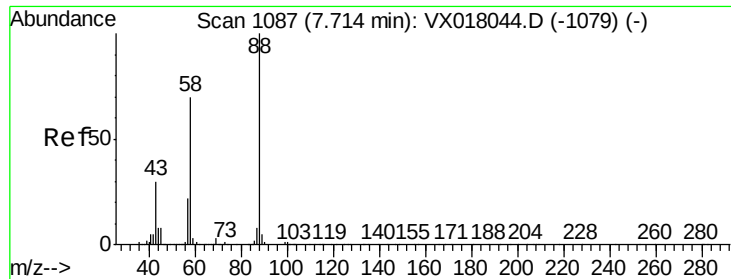
Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	41	Resp:	310583
Ion	Ratio	Lower	Upper
41	100		
69	82.5	65.5	98.3
39	58.4	44.5	66.7





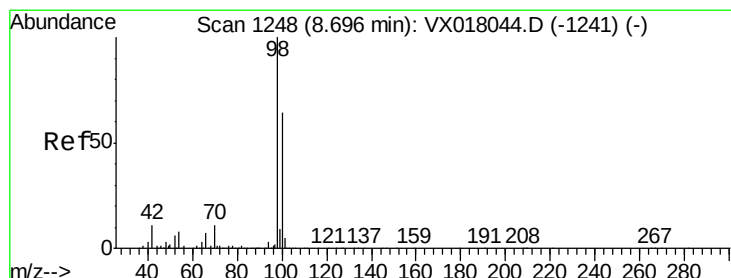
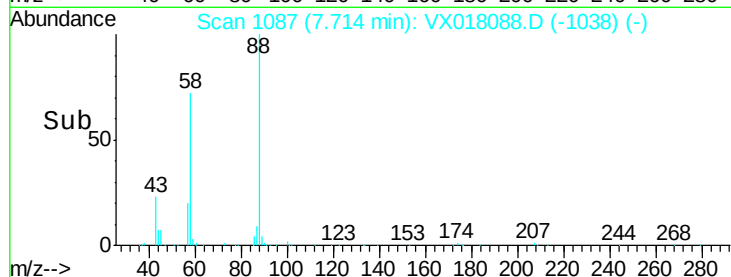
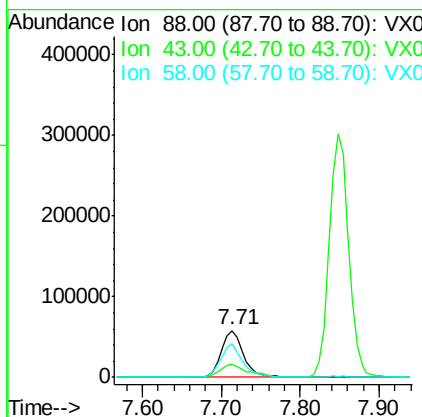
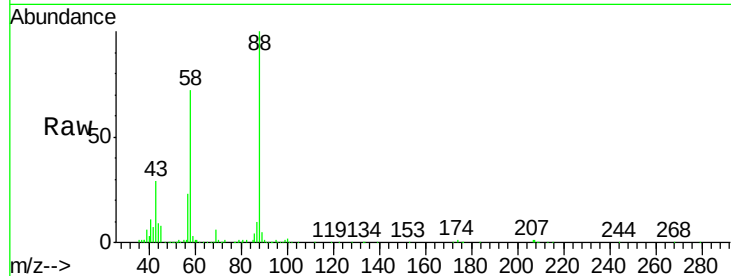
#49
1,4-Dioxane
Concen: 940.740 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	27.4	41.0
58	72.7	56.4	84.6

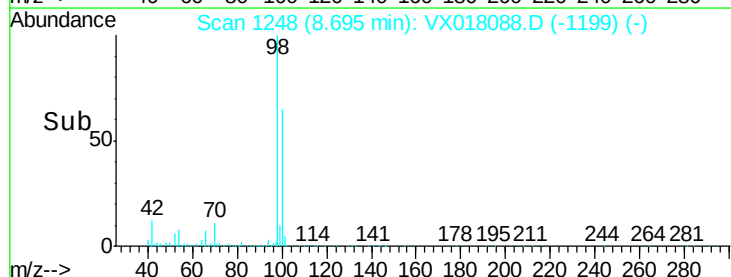
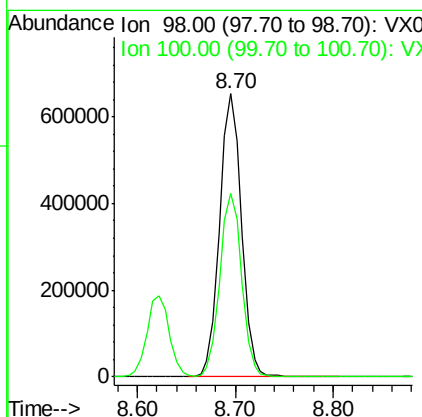
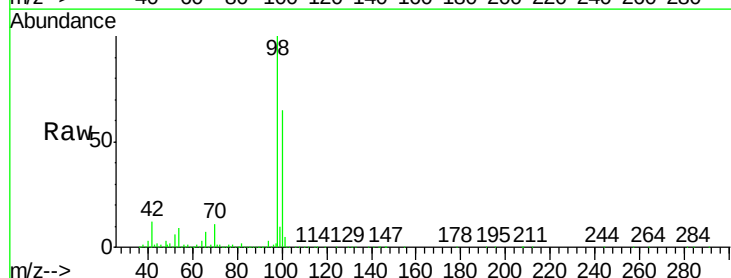
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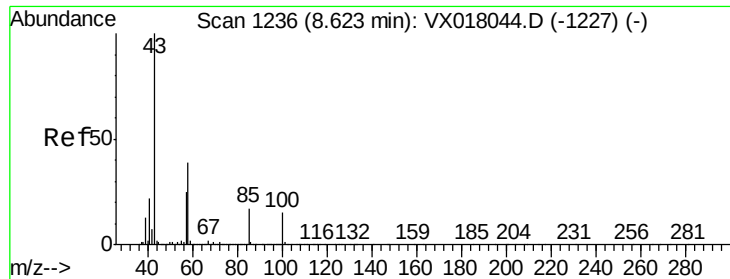
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#50
Toluene-d8
Concen: 51.992 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4





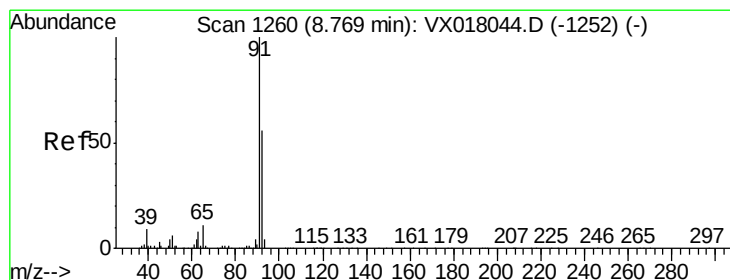
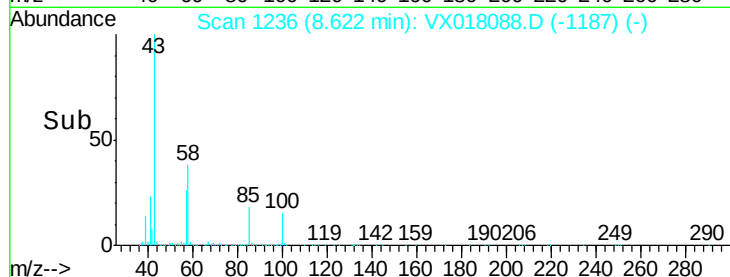
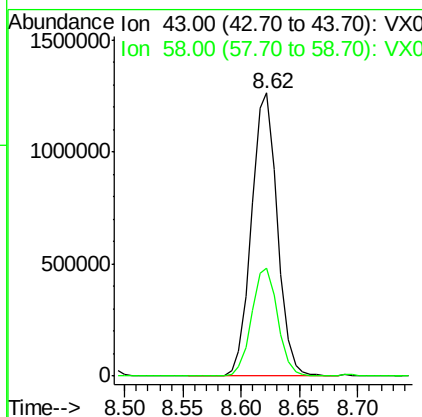
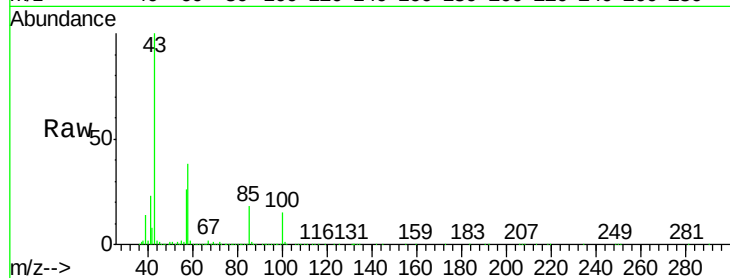
#51
4-Methyl-2-Pentanone
Concen: 238.010 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1959004
Ion Ratio Lower Upper
43 100
58 38.5 30.7 46.1

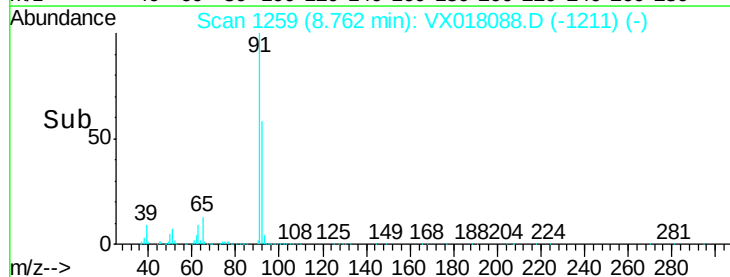
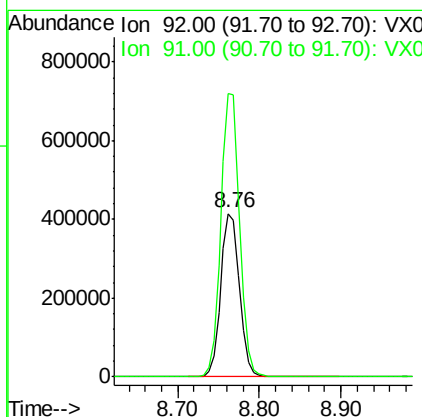
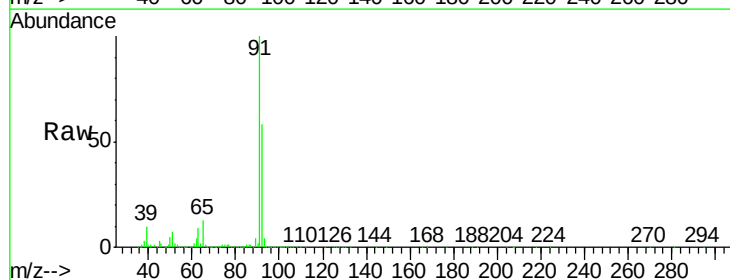
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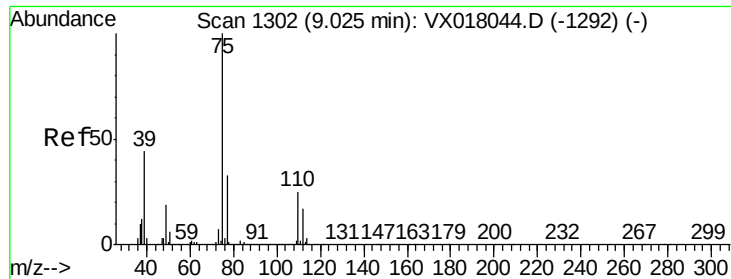
MMDadoda
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#52
Toluene
Concen: 50.075 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion: 92 Resp: 662717
Ion Ratio Lower Upper
92 100
91 173.5 140.3 210.5





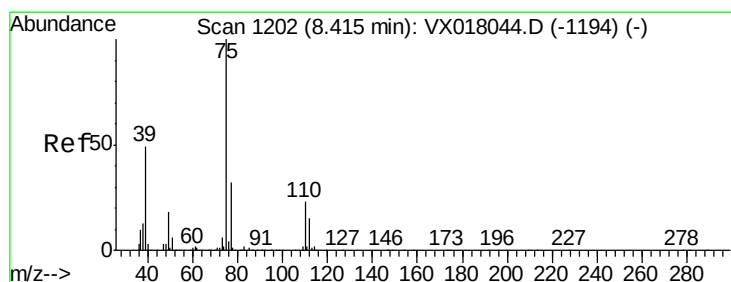
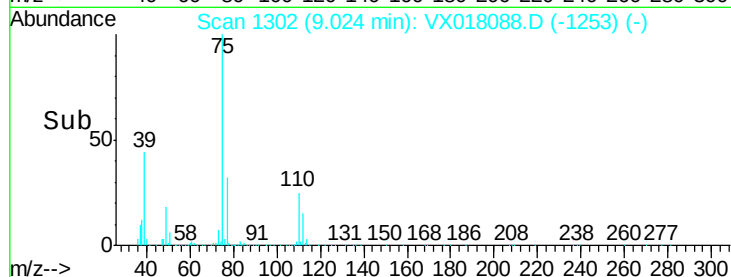
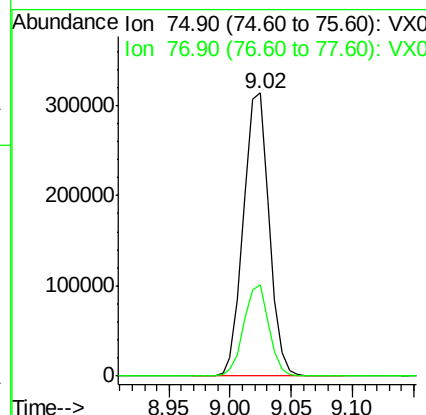
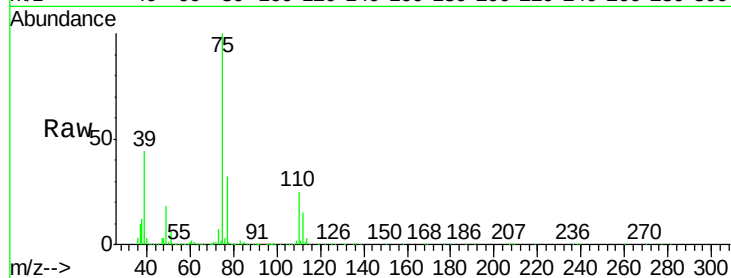
#53
t-1,3-Dichloropropene
Concen: 51.939 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.6	39.8

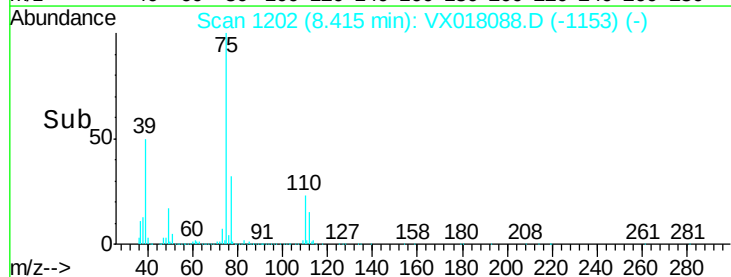
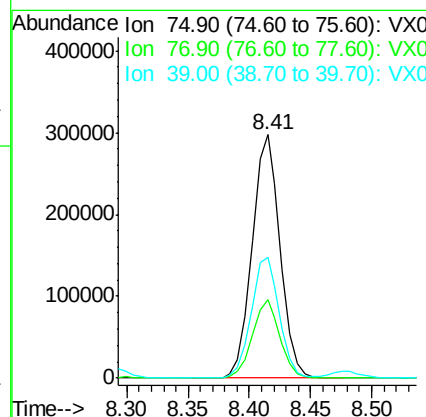
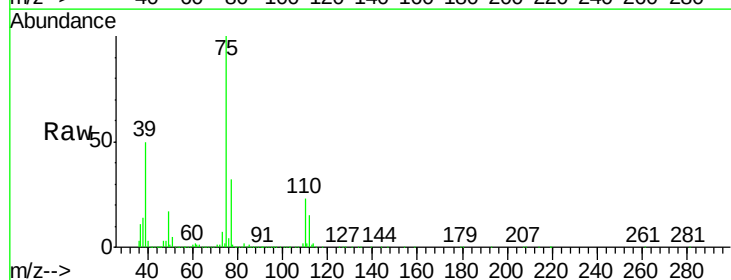
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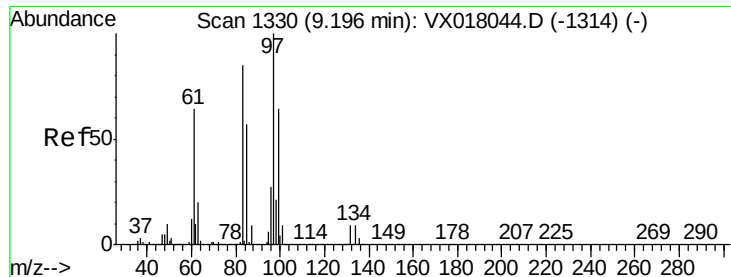
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.904 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.8
39	49.7	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 49.213 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

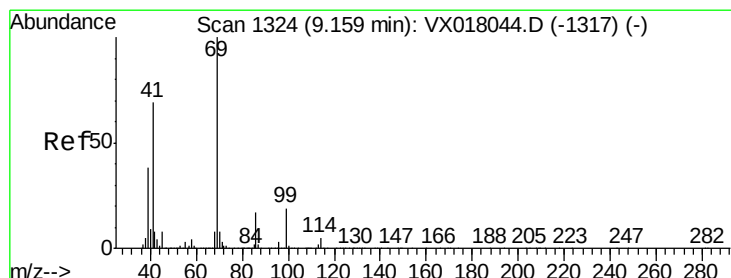
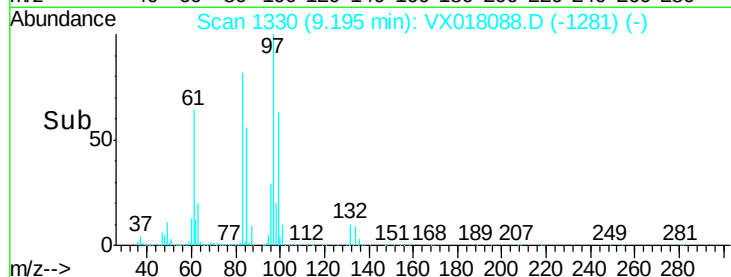
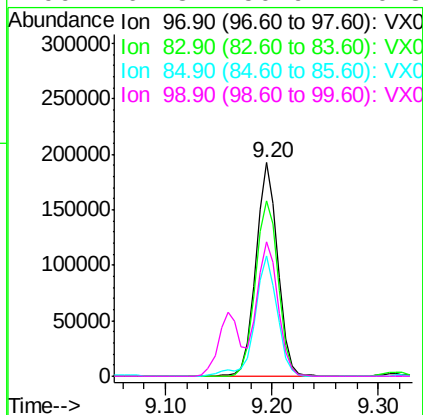
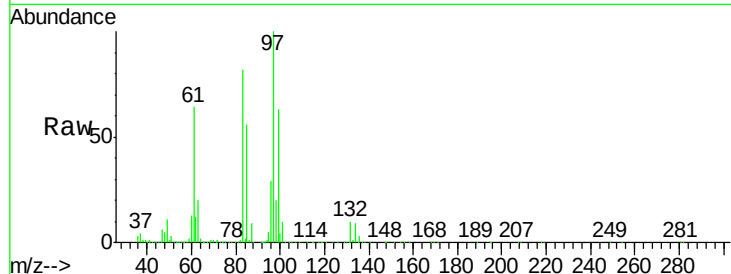
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		277776		
83	81.8	67.8	101.6		
85	56.2	45.3	67.9		
99	62.8	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 49.355 ug/l

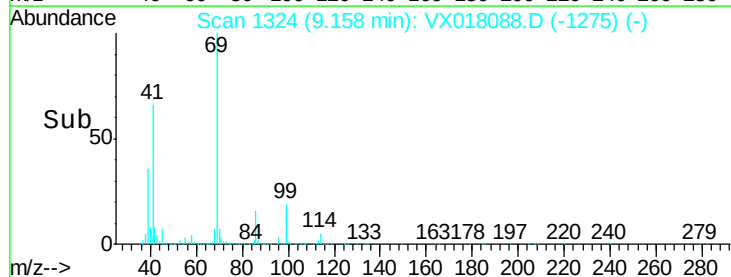
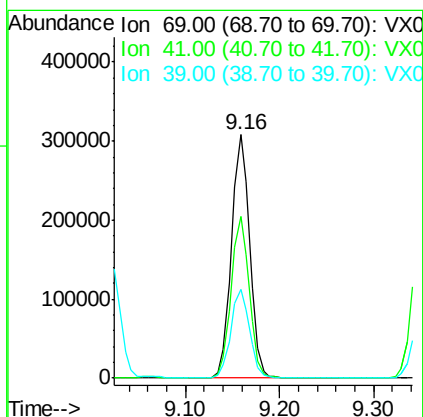
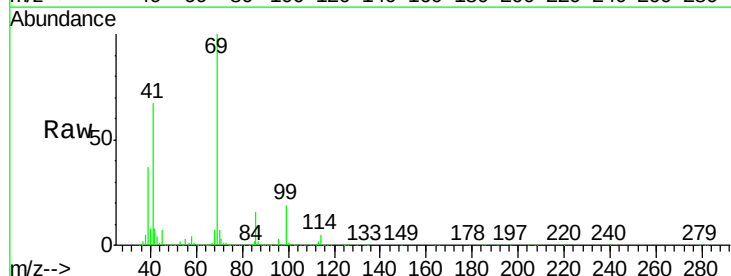
RT: 9.16 min Scan# 1324

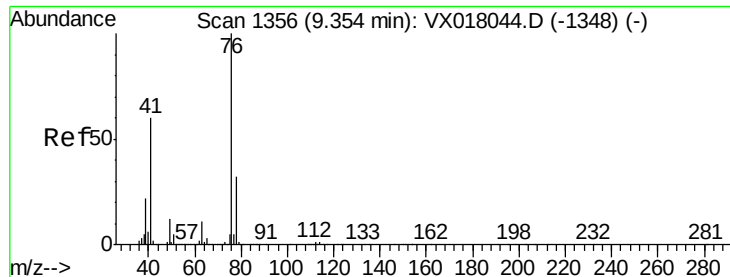
Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		414134		
41	66.1	54.6	81.8		
39	37.4	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 49.504 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 460862

Ion Ratio Lower Upper

76 100

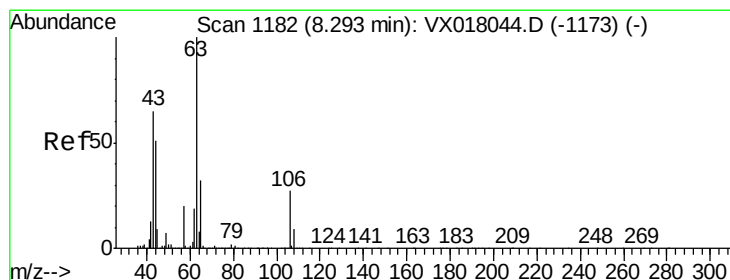
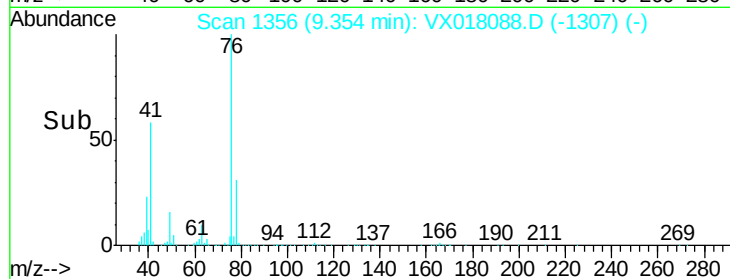
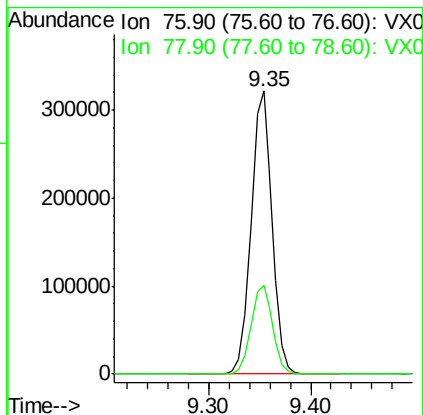
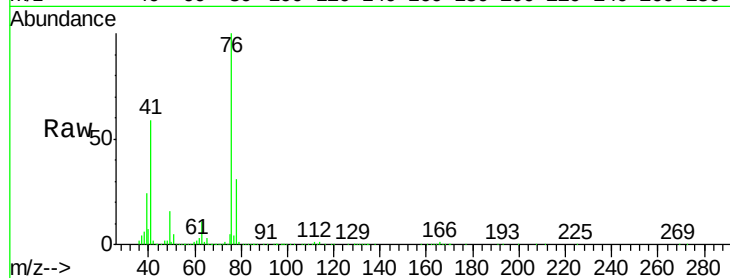
78 32.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 231.533 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018088.D

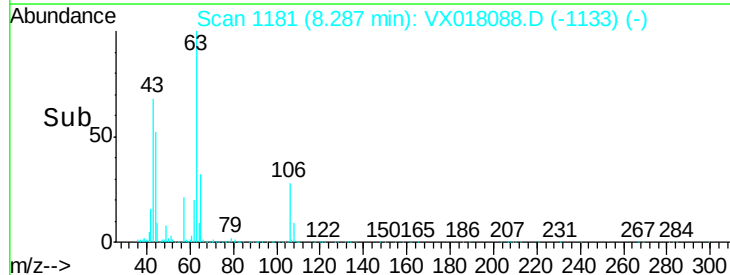
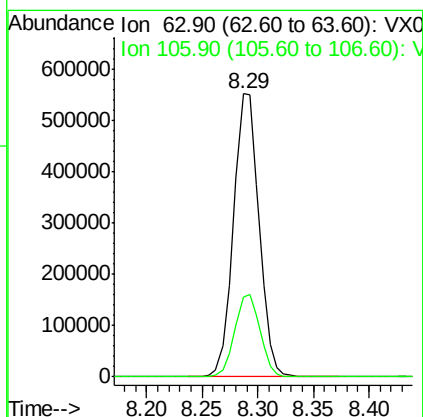
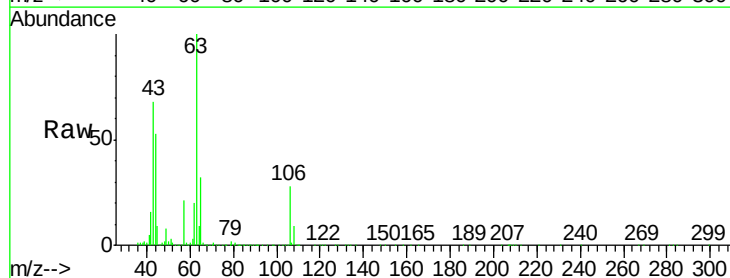
Acq: 27 Aug 2020 13:55

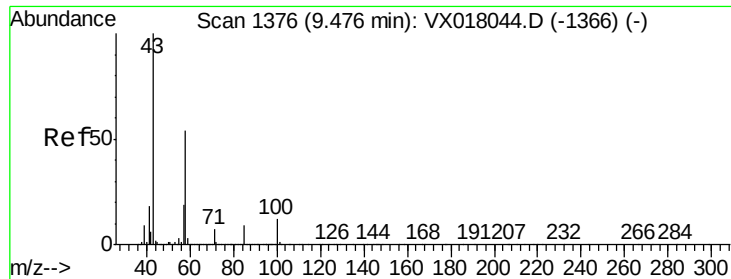
Tgt Ion: 63 Resp: 873951

Ion Ratio Lower Upper

63 100

106 29.0 22.1 33.1





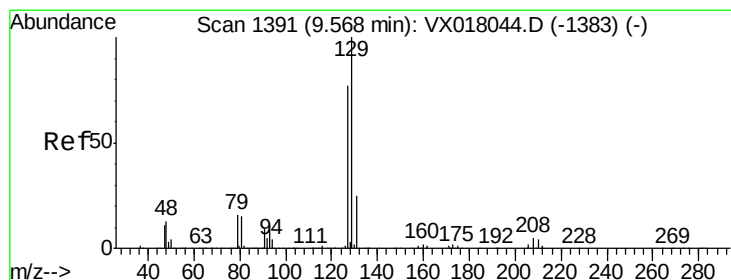
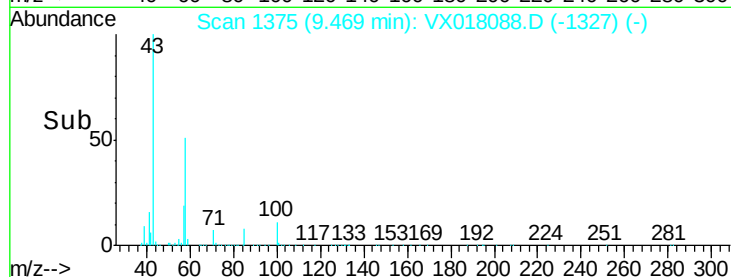
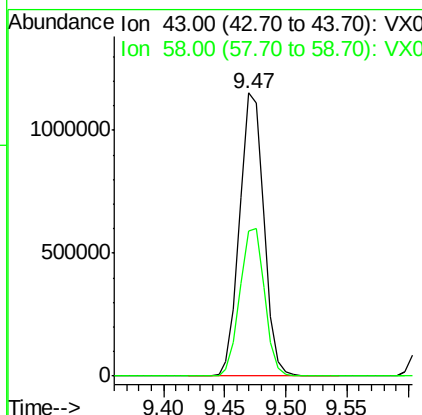
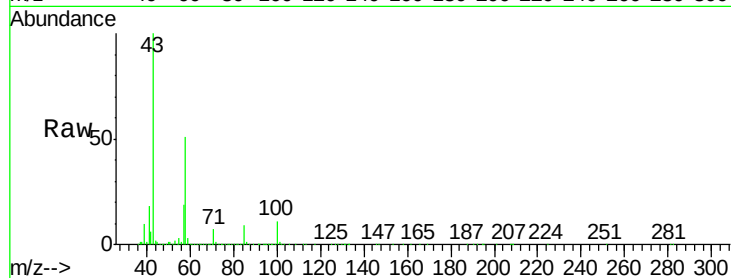
#59
2-Hexanone
Concen: 252.729 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1581719
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7

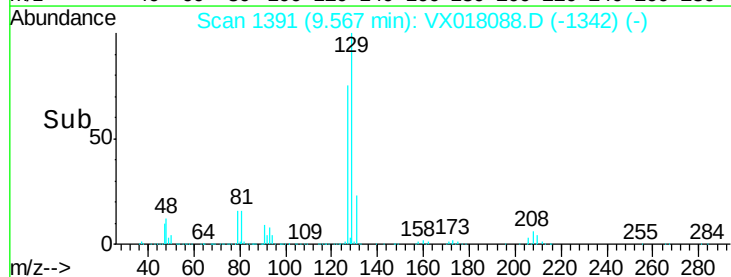
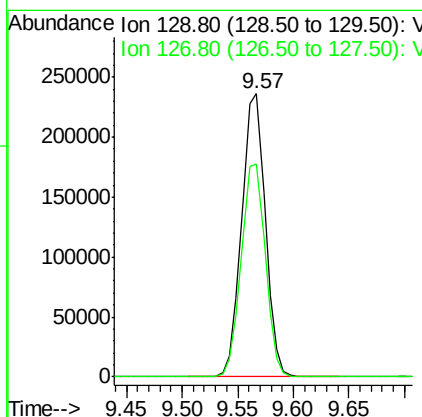
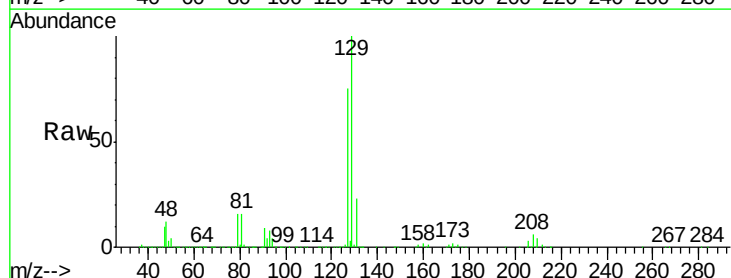
Manual Integrations
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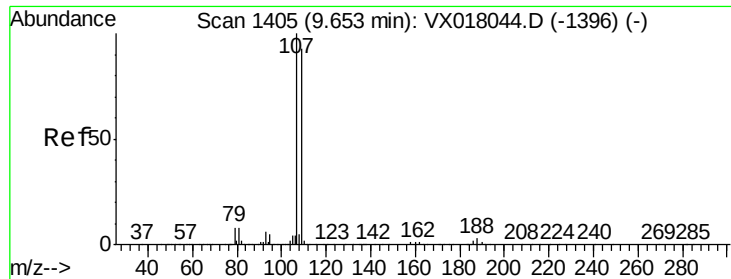
MMDadoda
8/28/2020 2:59:12 PM



#60
Dibromochloromethane
Concen: 52.709 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion: 129 Resp: 349003
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.673 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 304391

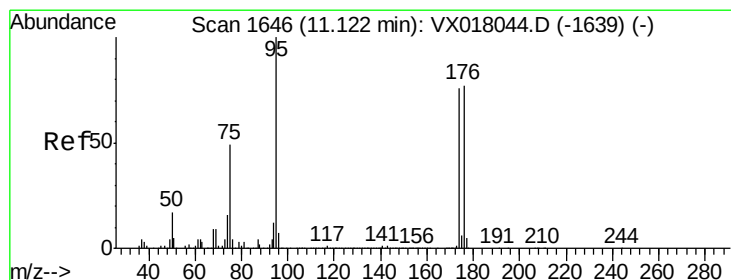
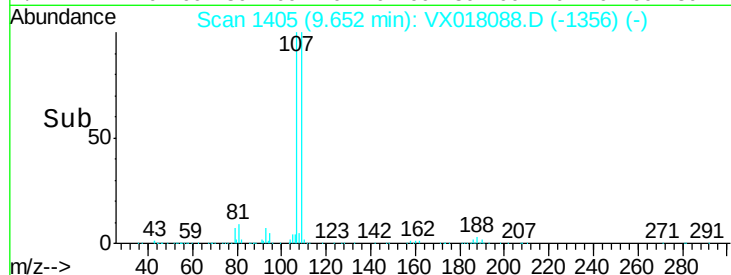
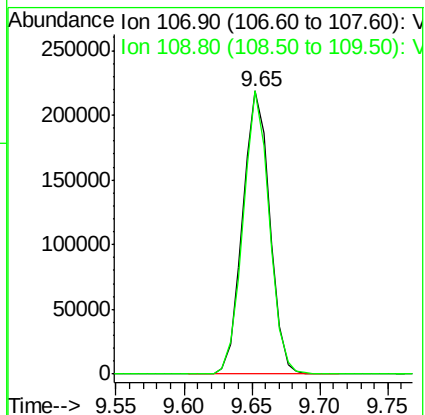
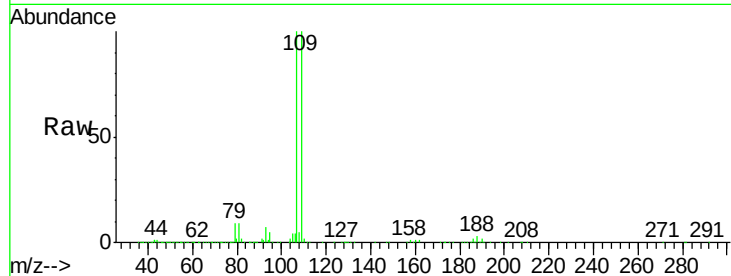
Ion Ratio Lower Upper

107 100

109 96.6 75.9 113.9

Manual Integrations
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MMDadoda
8/28/2020 2:59:12 PM



#62

4-Bromofluorobenzene

Concen: 52.570 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

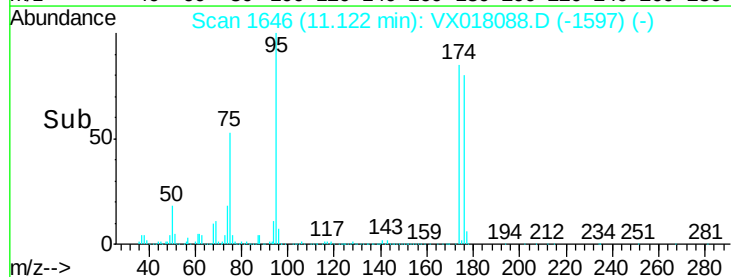
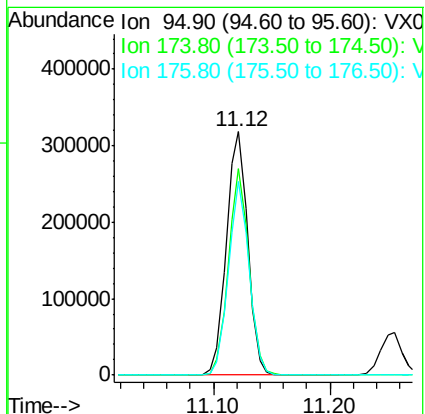
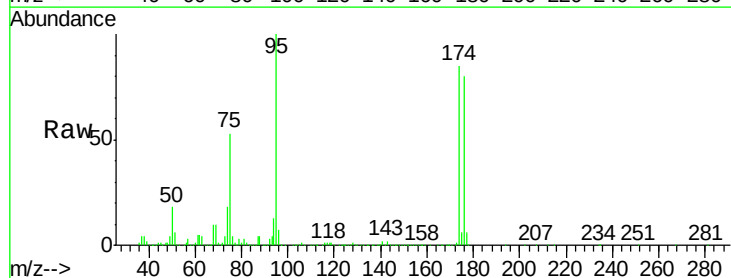
Tgt Ion: 95 Resp: 404029

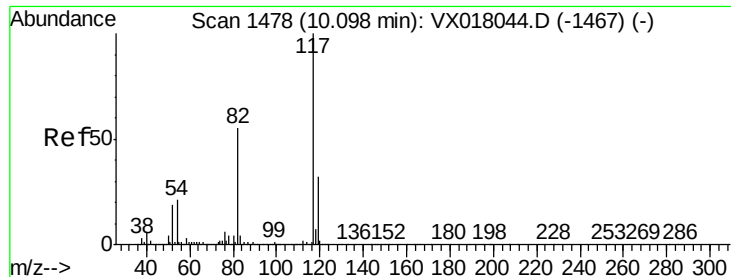
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.2

176 77.2 0.0 155.8





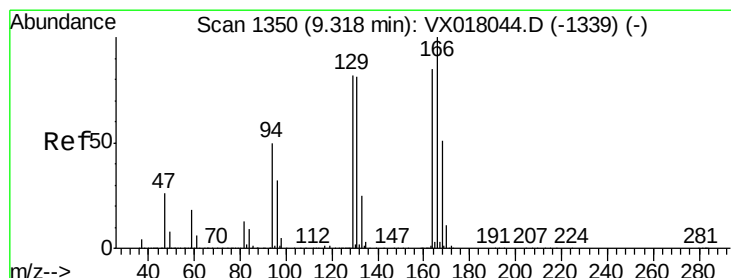
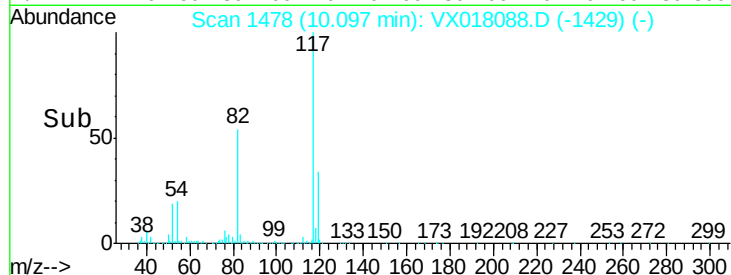
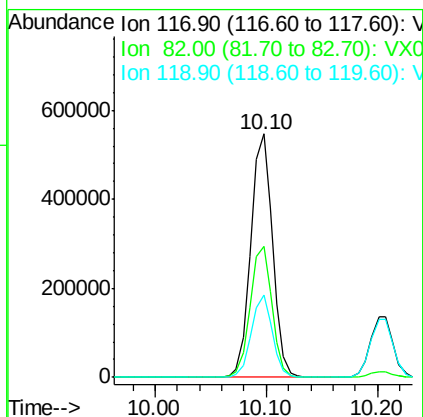
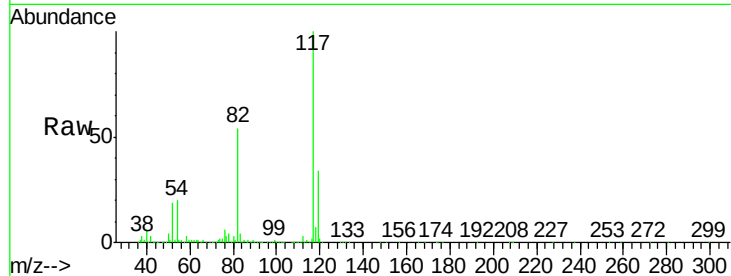
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	744283		
82	53.5	44.2	66.2	
119	33.7	25.7	38.5	

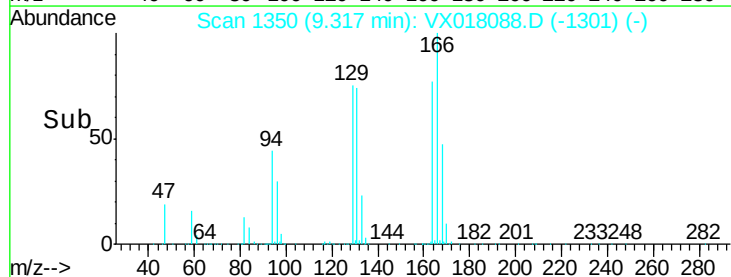
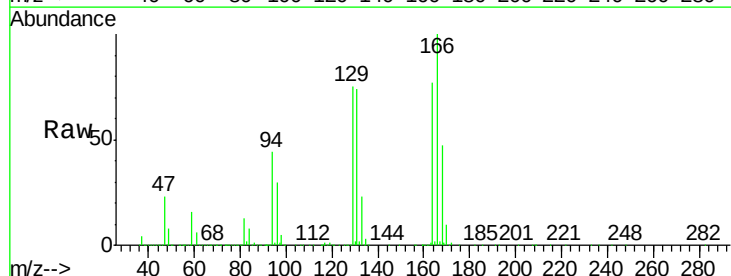
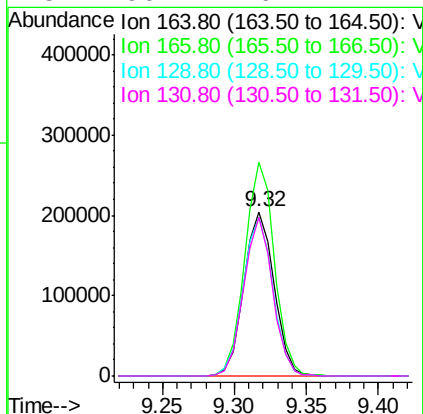
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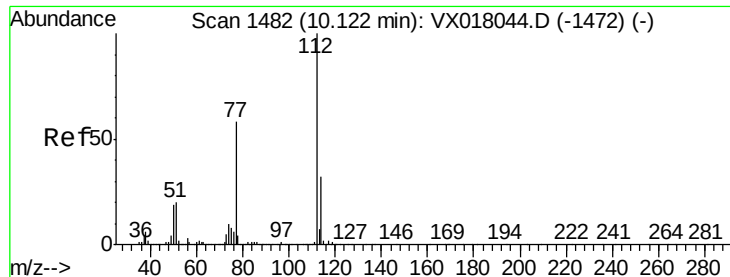
MMDadoda
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#64
Tetrachloroethene
Concen: 53.929 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	294962		
166	130.0	94.2	141.2	
129	97.0	76.9	115.3	
131	96.2	76.1	114.1	





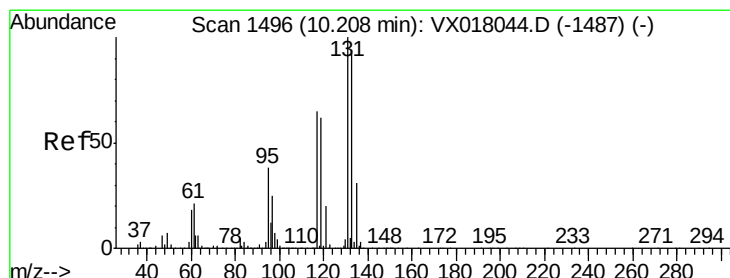
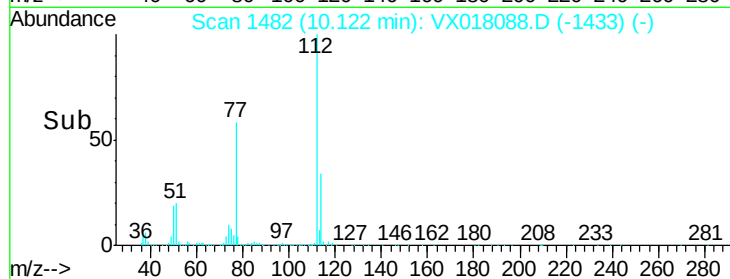
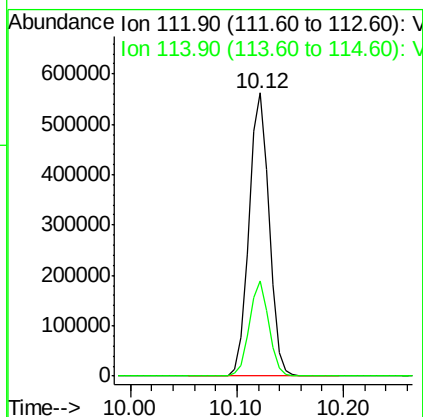
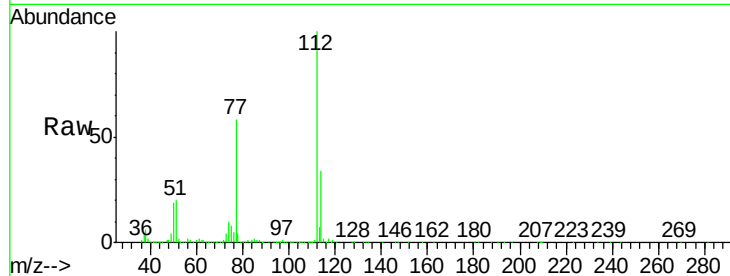
#65
Chlorobenzene
Concen: 50.388 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.6	25.7	38.5

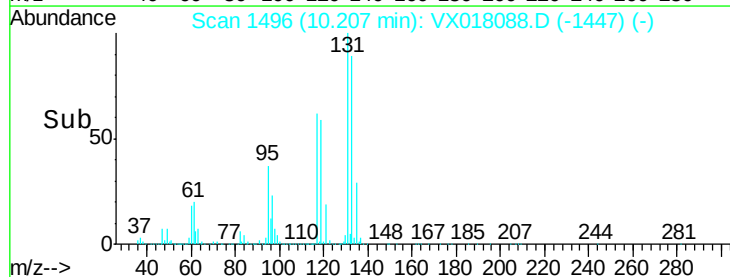
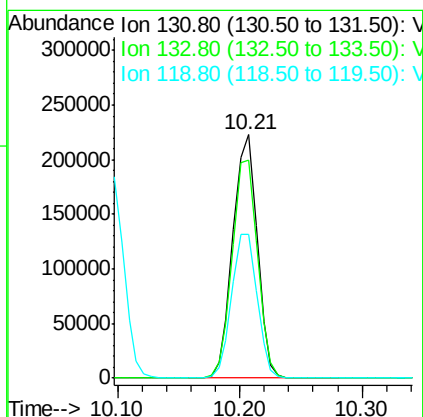
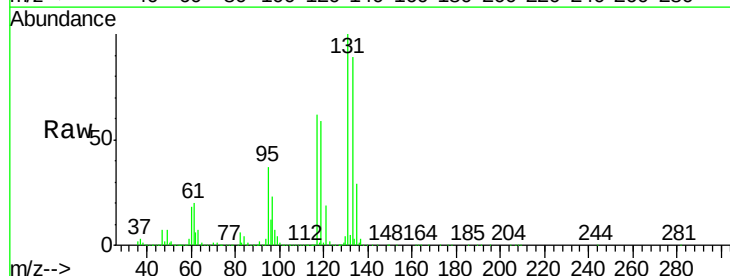
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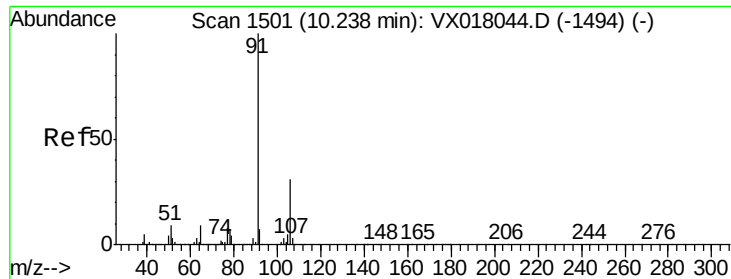
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.367 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.3	46.7	140.1
119	61.8	31.8	95.4





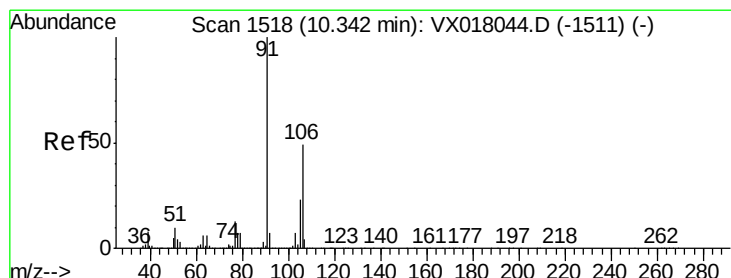
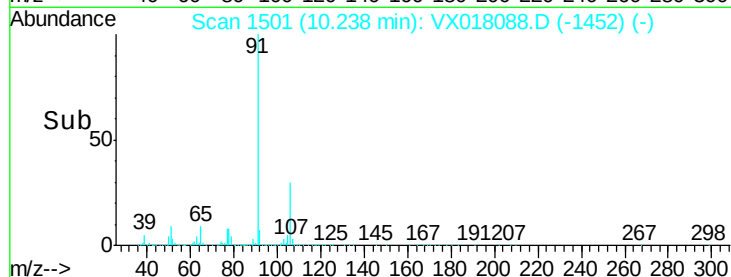
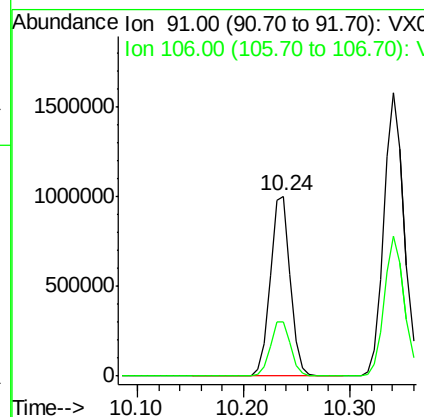
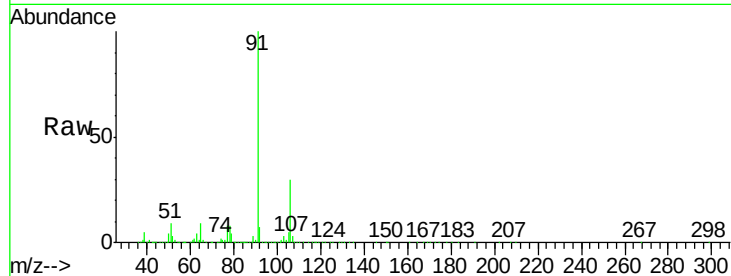
#67
Ethyl Benzene
Concen: 52.046 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1315697
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

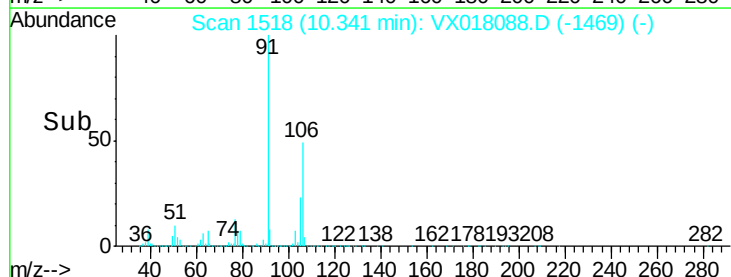
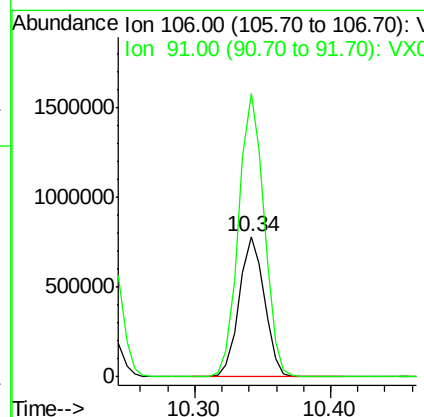
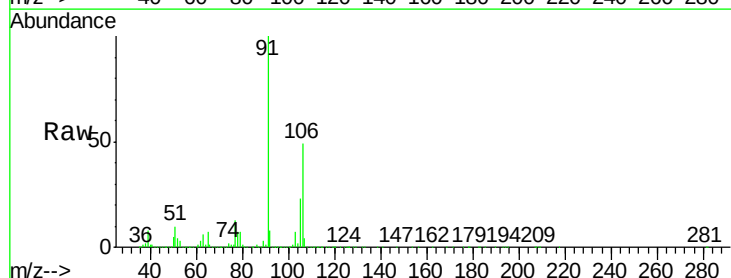
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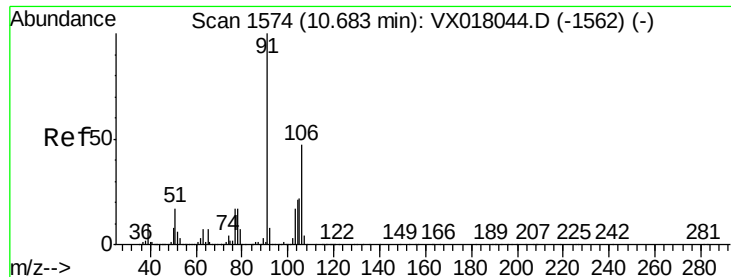
MMDadoda
8/28/2020 2:59:12 PM



#68
m/p-Xylenes
Concen: 106.908 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion: 106 Resp: 1008724
Ion Ratio Lower Upper
106 100
91 204.6 162.2 243.2





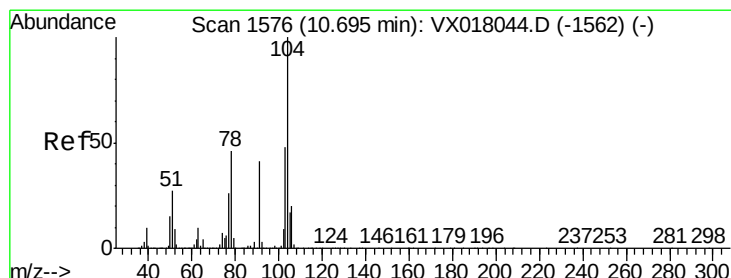
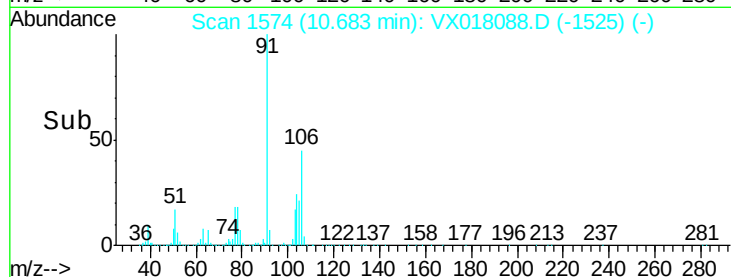
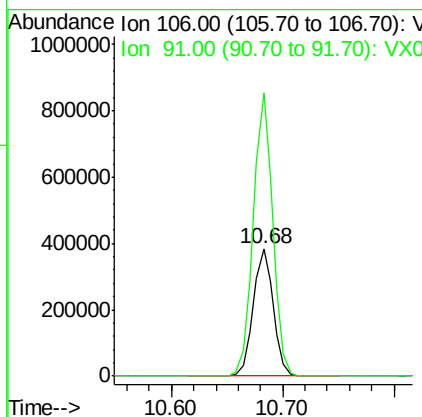
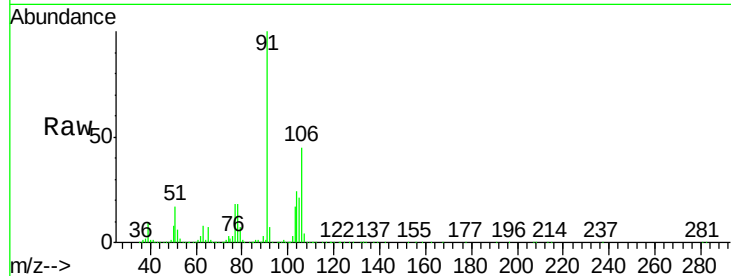
#69
o-Xylene
Concen: 52.258 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.1	107.1	321.3		

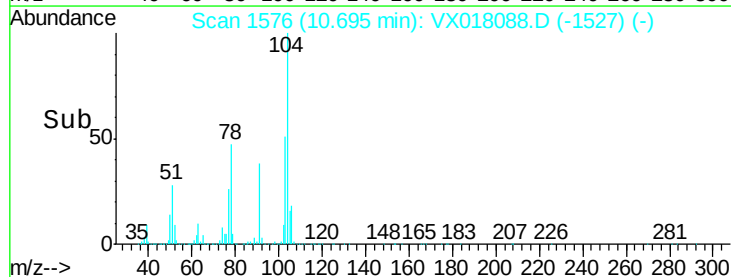
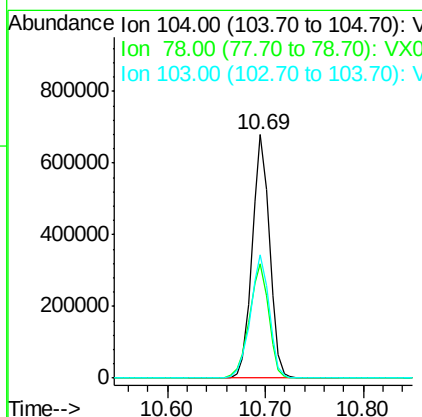
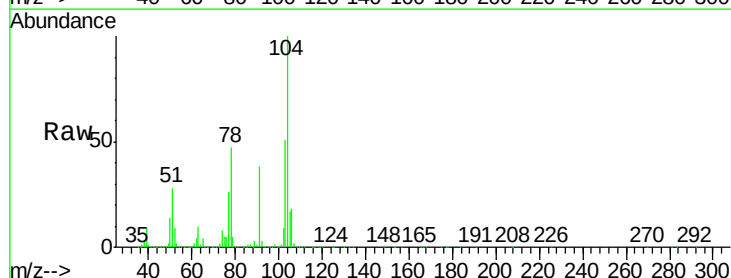
Manual Integrations
APPROVED

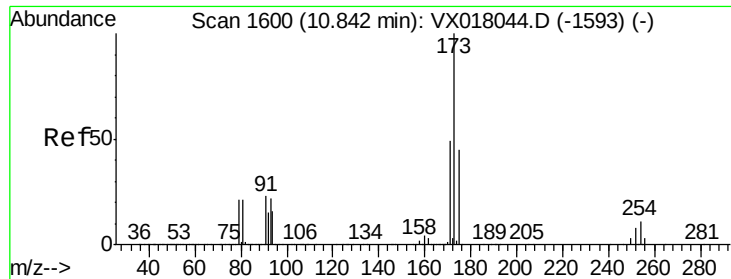
MMDadoda
8/28/2020 2:59:12 PM



#70
Styrene
Concen: 53.925 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	52.1	40.9	61.3		
103	54.9	43.6	65.4		





#71

Bromoform

Concen: 53.805 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

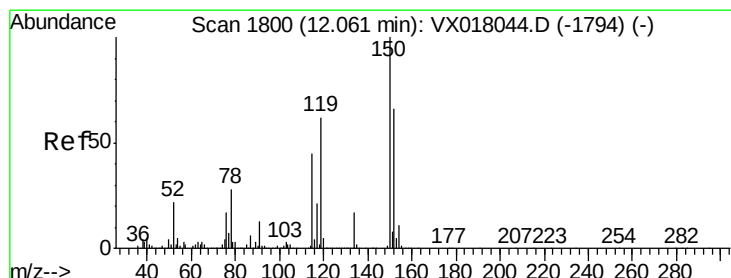
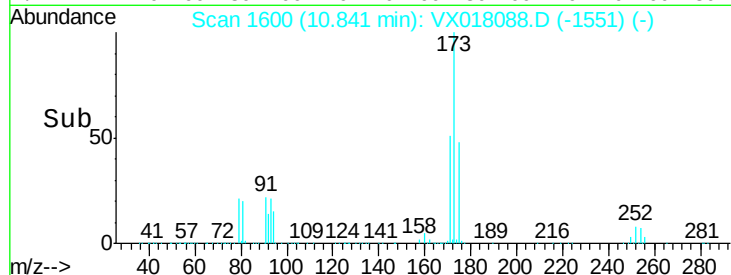
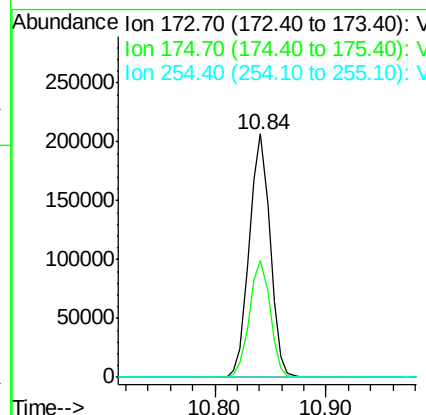
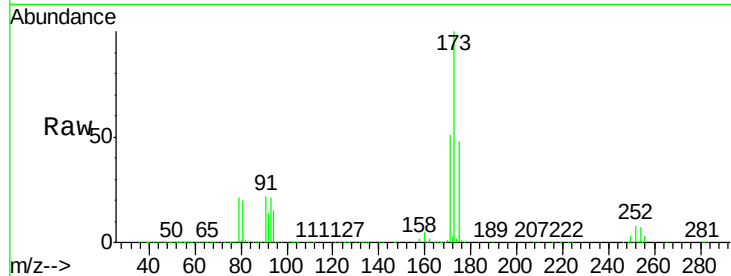
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	268881
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.9	71.8
254	0.2	0.2	0.2#

Manual Integrations
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8/28/2020 2:59:12 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

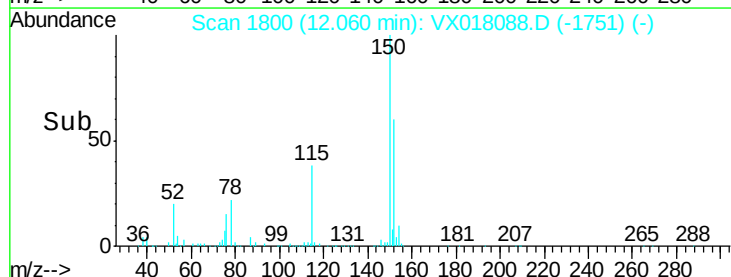
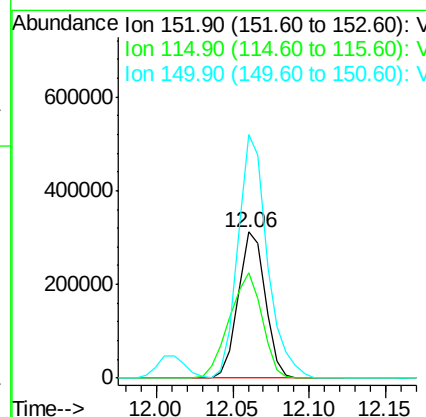
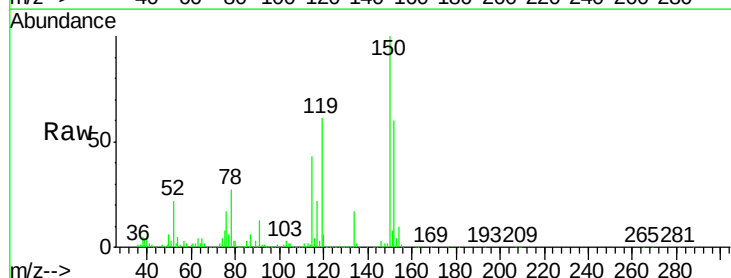
RT: 12.06 min Scan# 1800

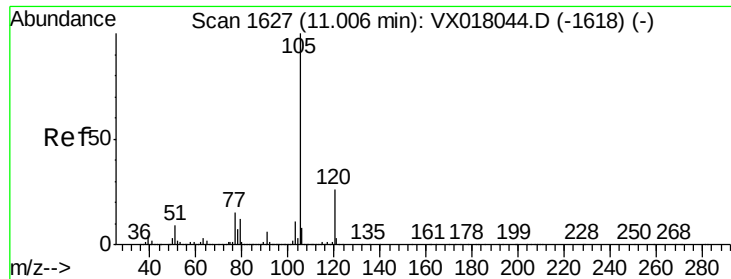
Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	152	Resp:	383641
Ion Ratio	Lower	Upper	
152	100		
115	86.6	41.5	124.5
150	179.8	0.0	343.8





#73

Isopropylbenzene

Concen: 52.646 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1332217

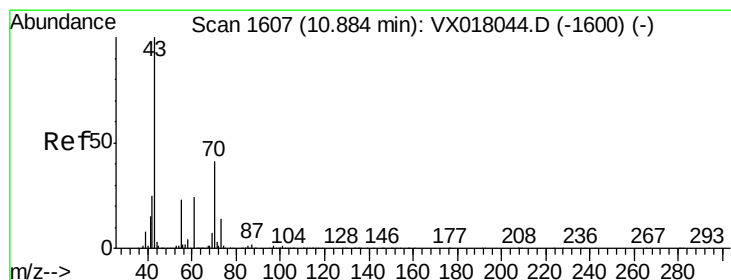
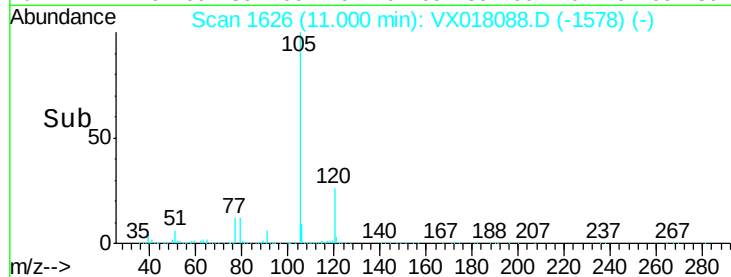
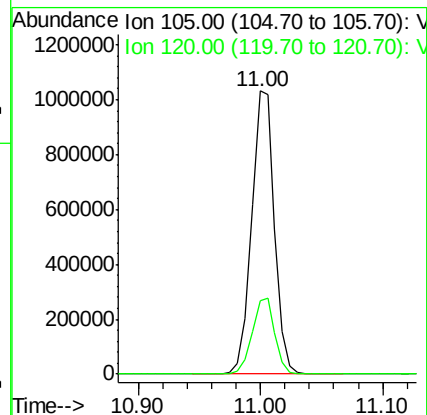
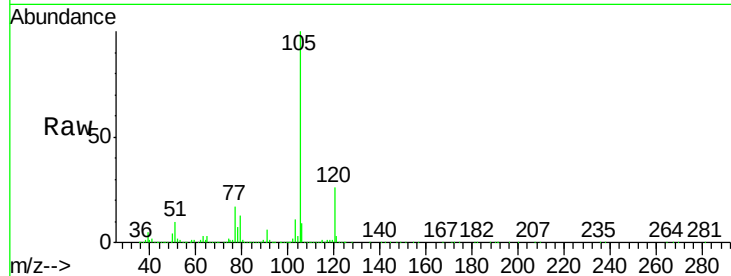
Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5

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#74

N-ethyl acetate

Concen: 48.373 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion: 43 Resp: 580796

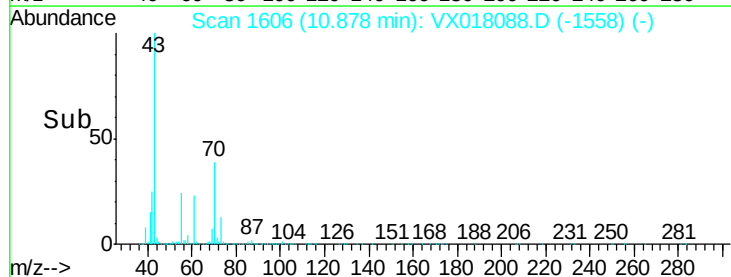
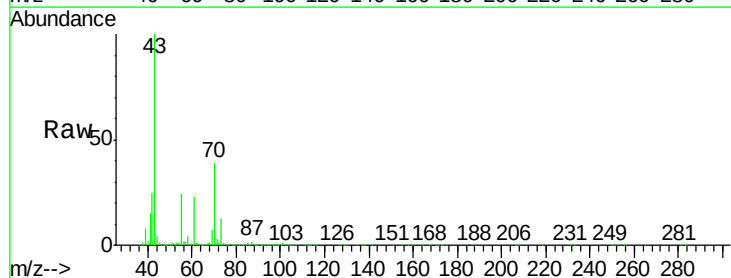
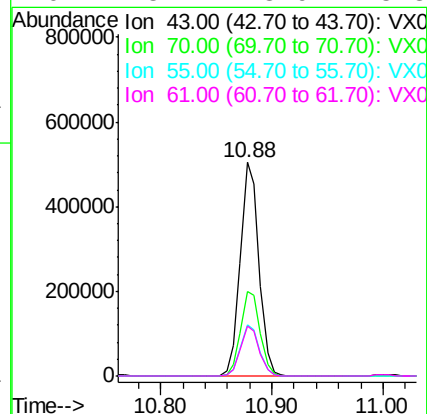
Ion Ratio Lower Upper

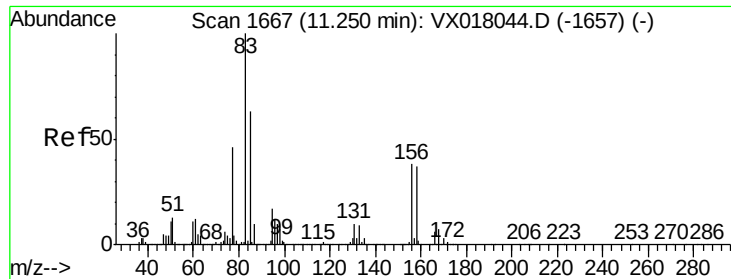
43 100

70 41.0 32.3 48.5

55 24.3 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.121 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

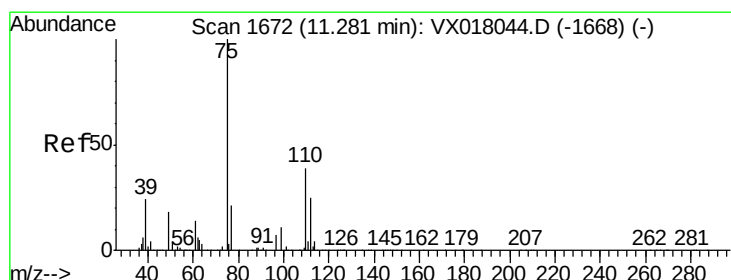
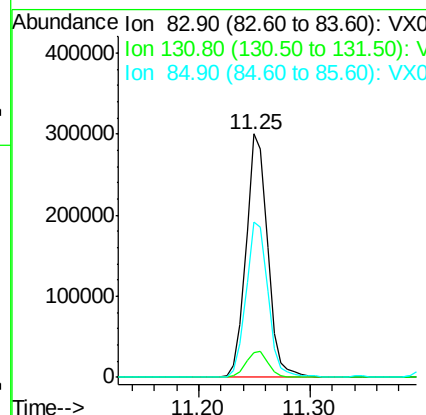
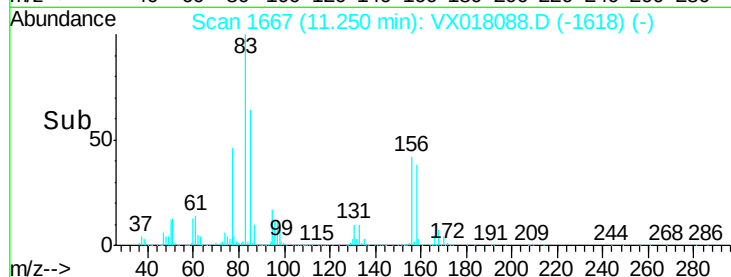
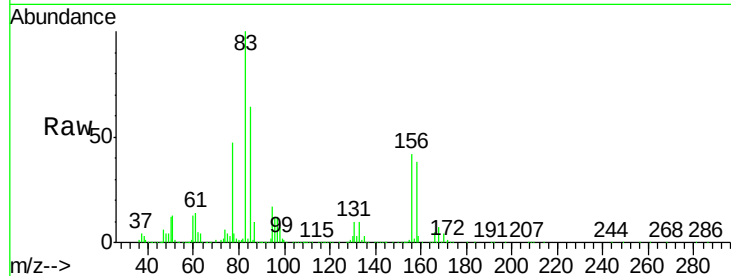
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	402789
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.4
85	65.0	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.376 ug/l m

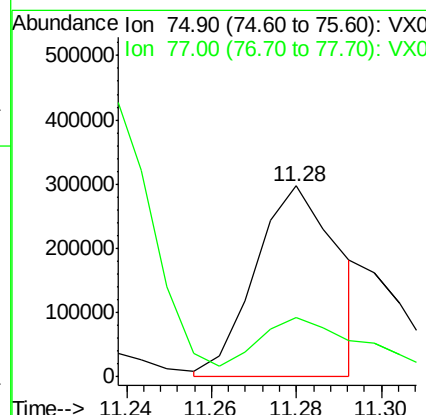
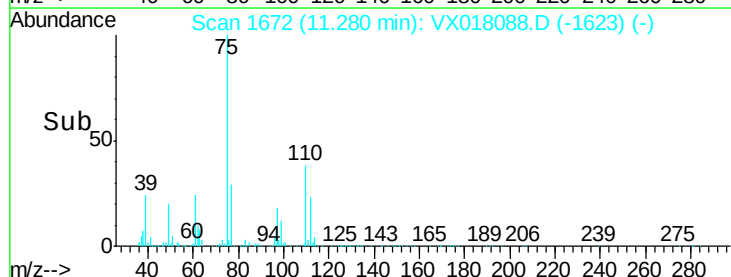
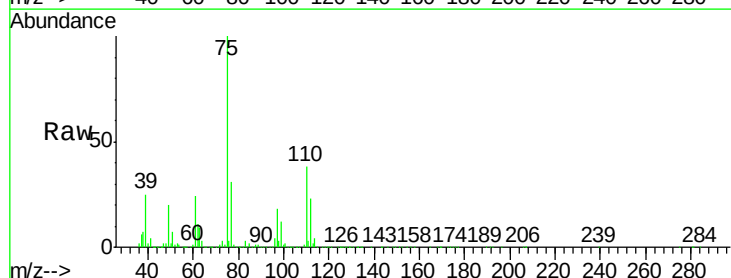
RT: 11.28 min Scan# 1672

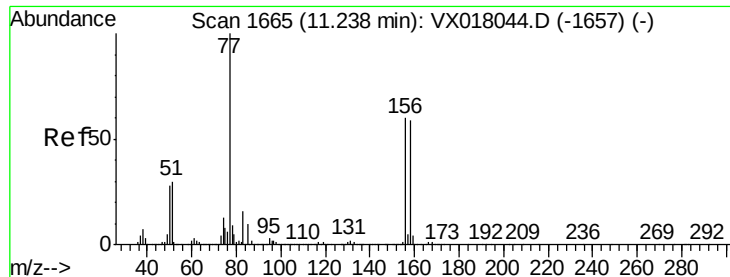
Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	75	Resp:	404316
Ion Ratio	Lower	Upper	
75	100		
77	40.6	20.8	62.2





#77

Bromobenzene

Concen: 49.402 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

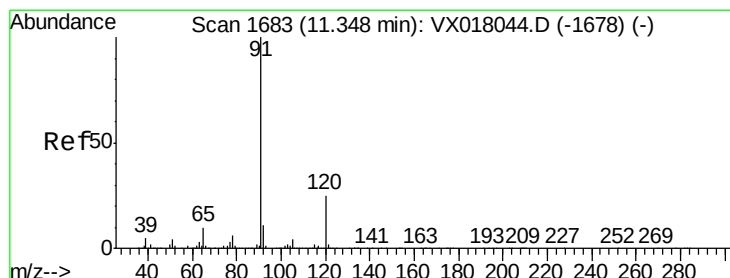
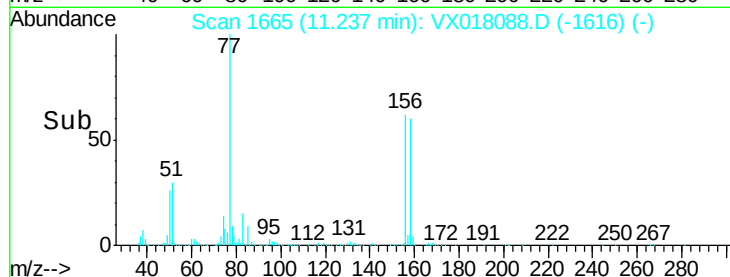
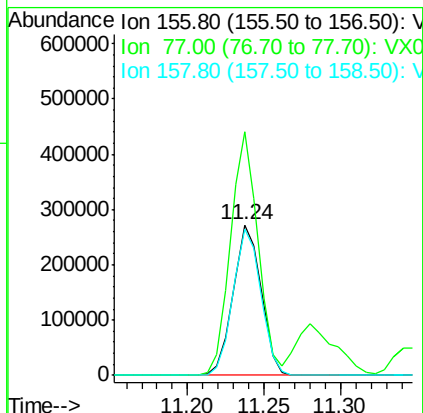
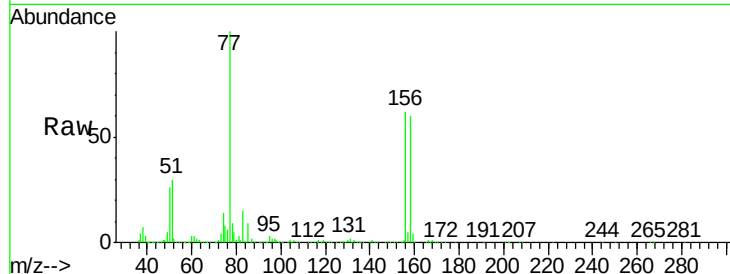
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	345562
Ion Ratio	Lower	Upper	
156	100		
77	158.2	80.0	240.2
158	97.0	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 54.404 ug/l

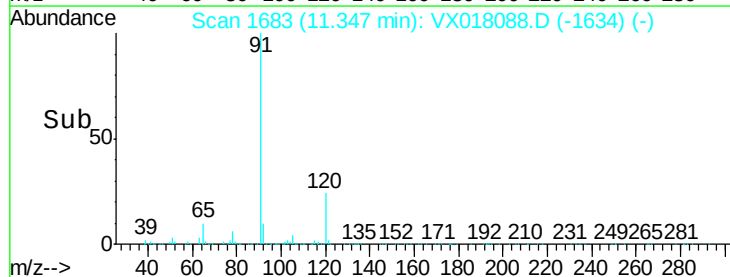
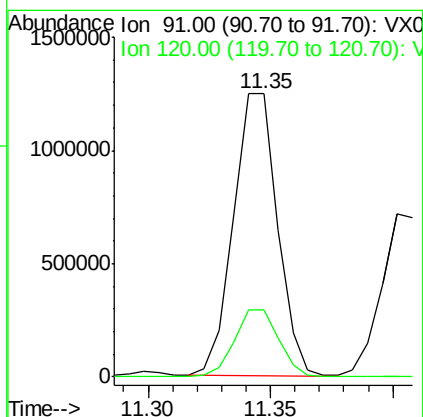
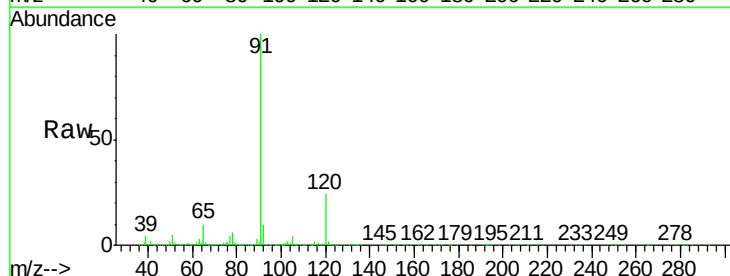
RT: 11.35 min Scan# 1683

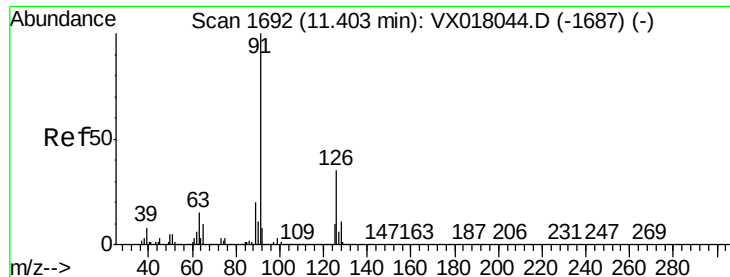
Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Tgt Ion:	91	Resp:	1563207
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.9	35.9





#79

2-Chlorotoluene

Concen: 52.430 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018088.D

Acq: 27 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 930733

Ion Ratio Lower Upper

91 100

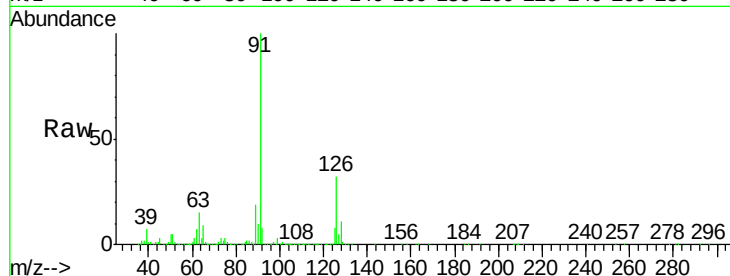
126 34.7 17.4 52.2

Manual Integrations

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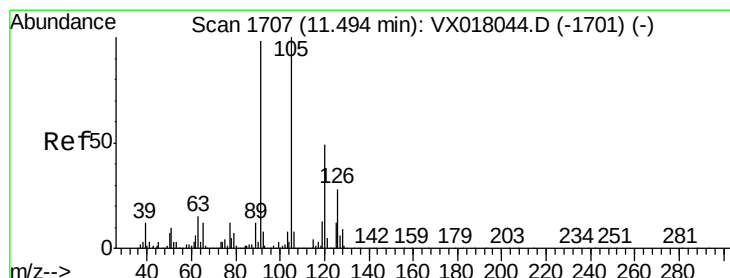
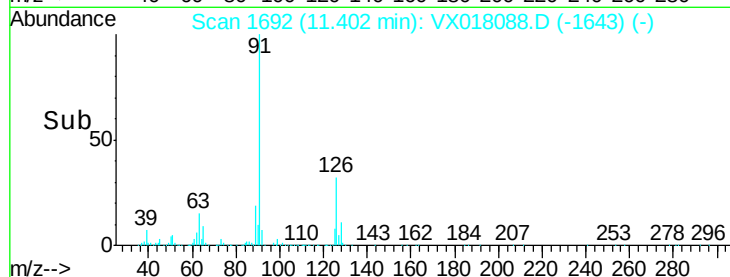
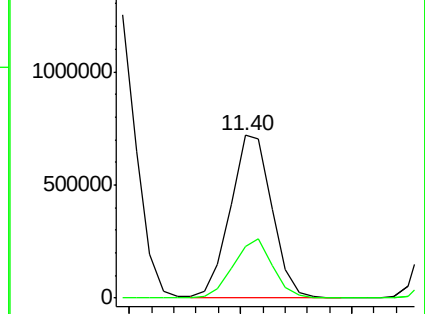
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.938 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018088.D

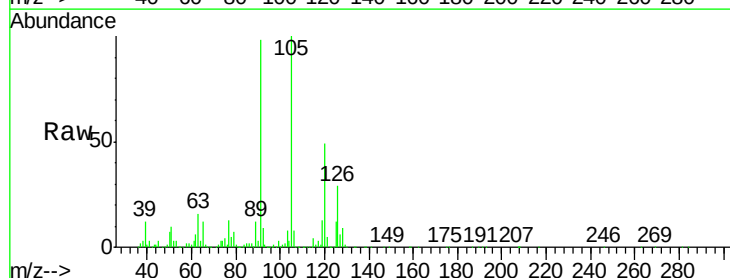
Acq: 27 Aug 2020 13:55

Tgt Ion:105 Resp: 1163219

Ion Ratio Lower Upper

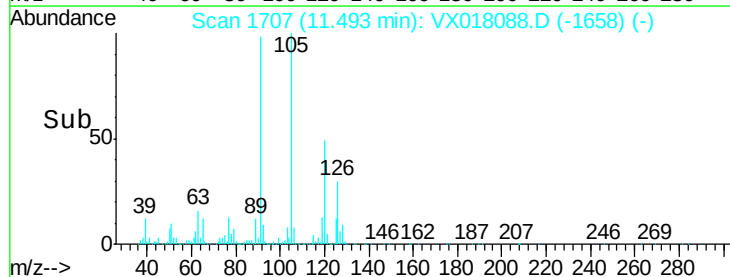
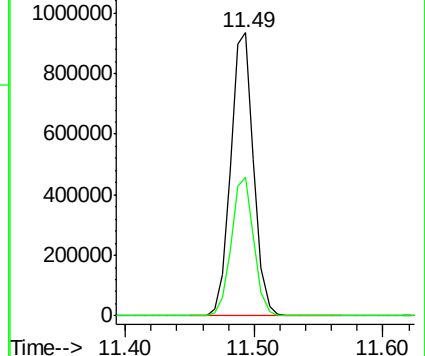
105 100

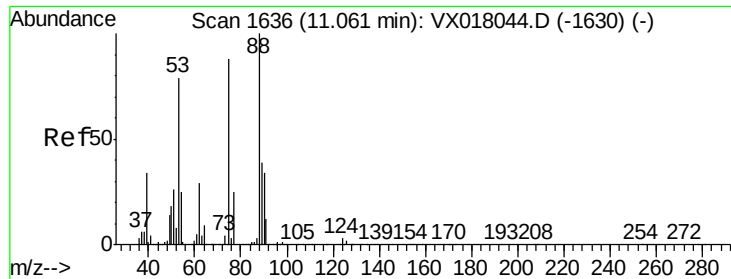
120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





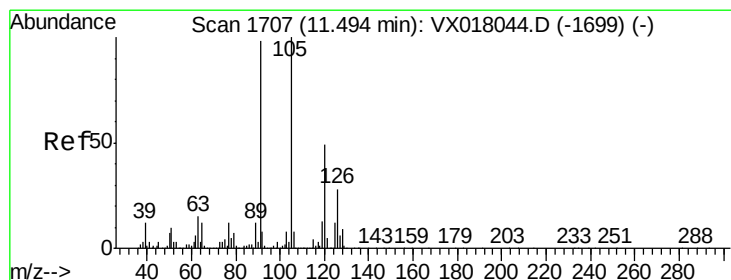
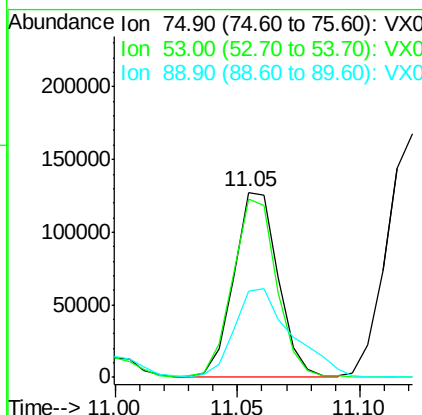
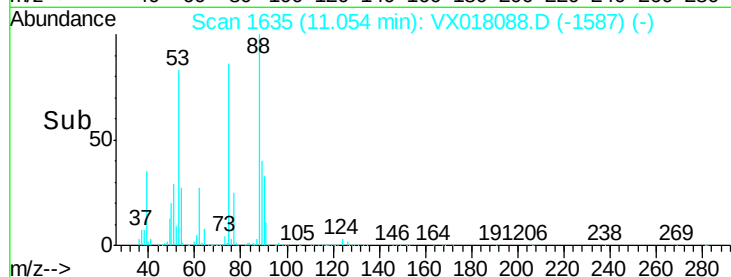
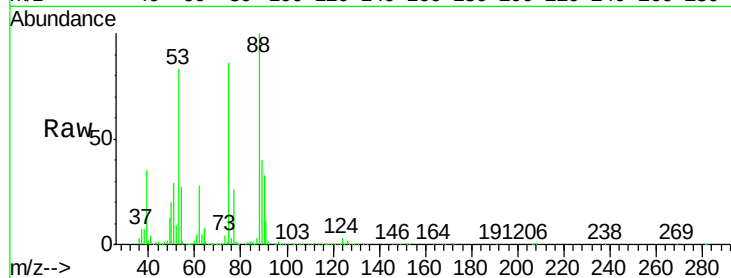
#81
trans-1,4-Dichloro-2-butene
Concen: 50.495 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.9	74.7	112.1
89	62.4	36.6	54.8#

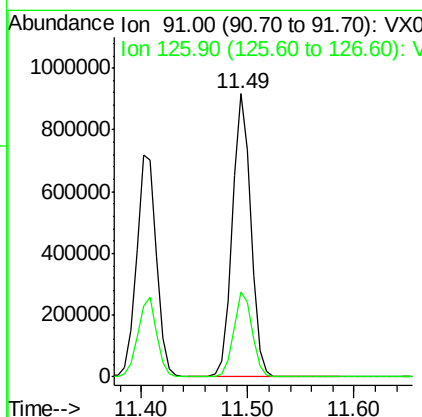
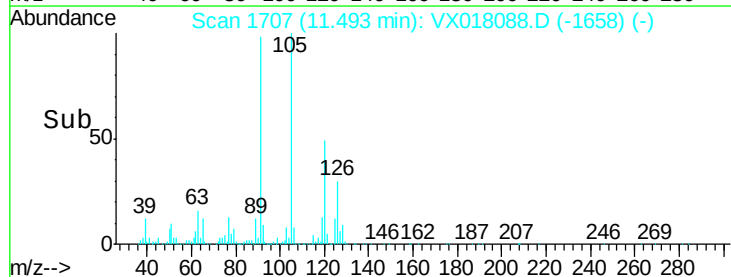
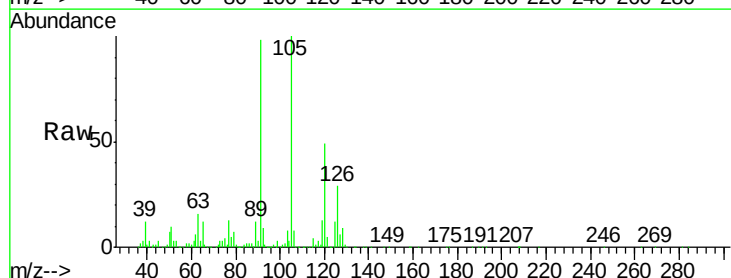
Manual Integrations
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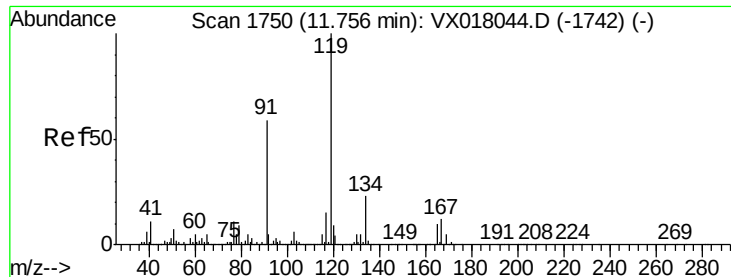
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.862 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.1	45.3





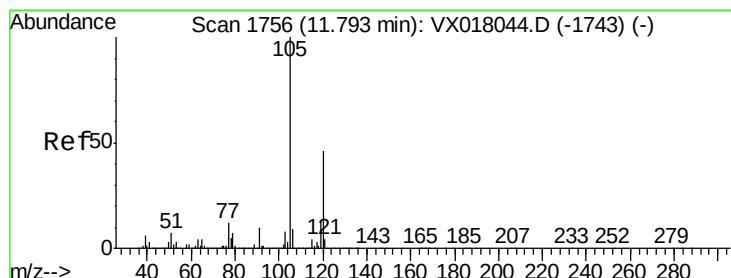
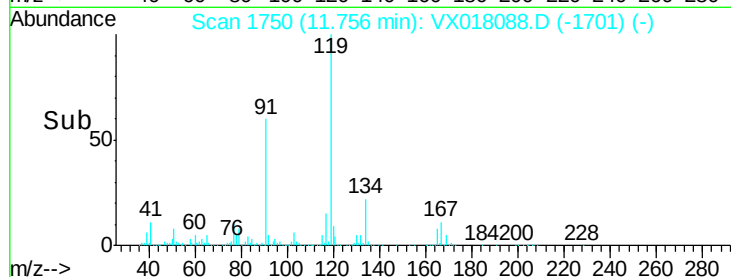
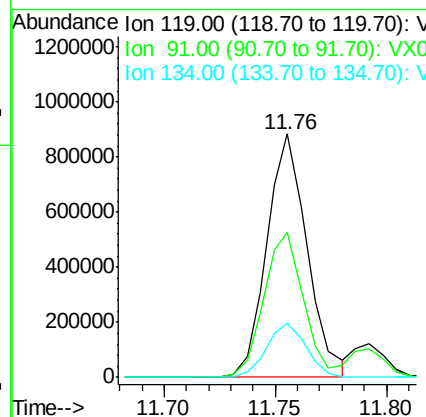
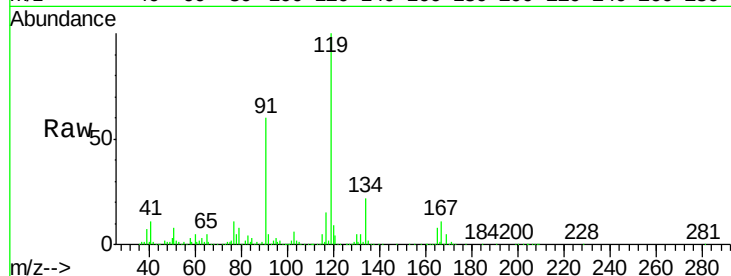
#83
 tert-Butylbenzene
 Concen: 53.950 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.3	28.2	84.7
134	22.2	11.3	33.8

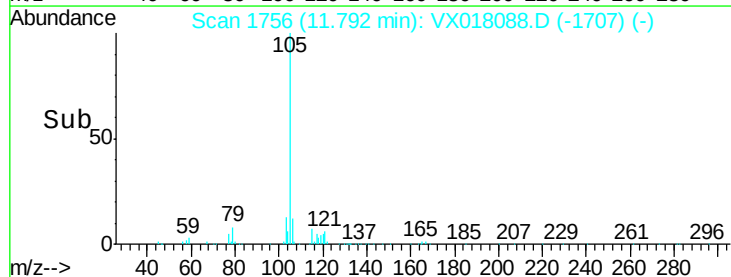
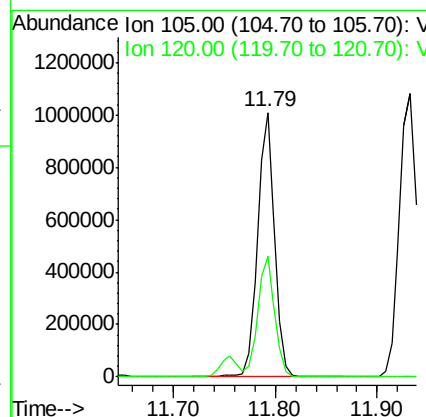
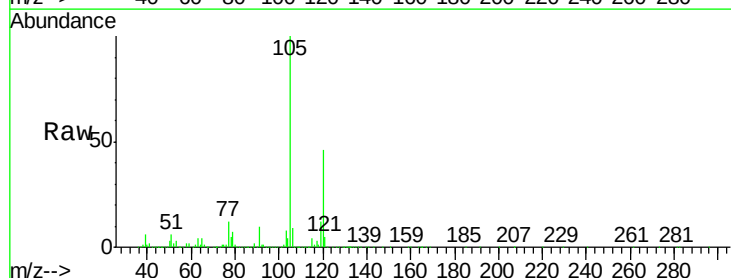
Manual Integrations
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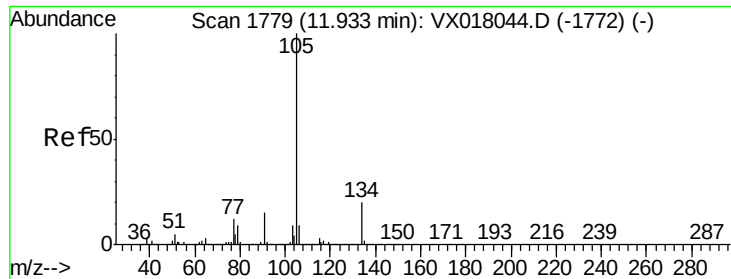
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.361 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.9





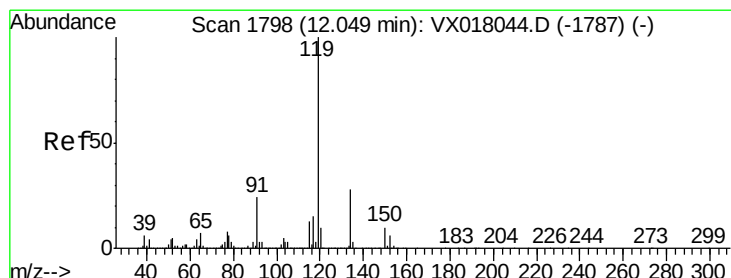
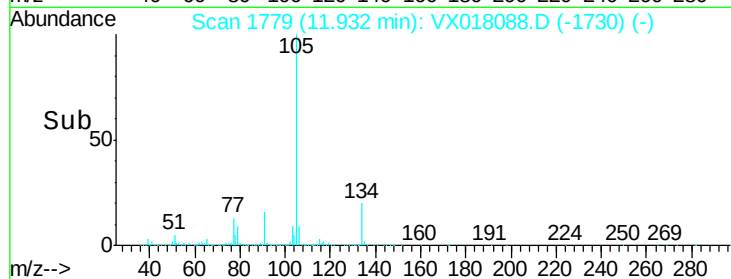
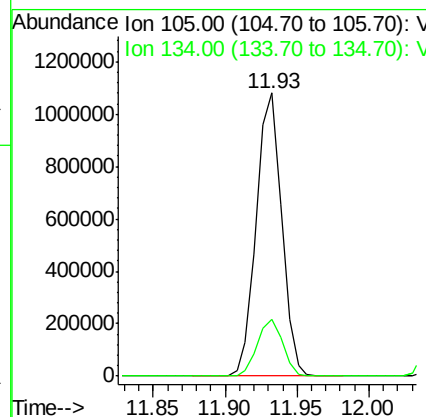
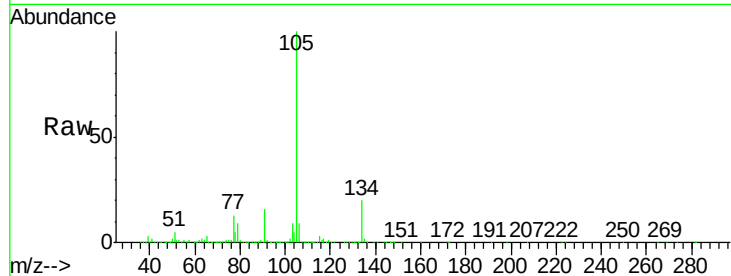
#85
 sec-Butylbenzene
 Concen: 56.091 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

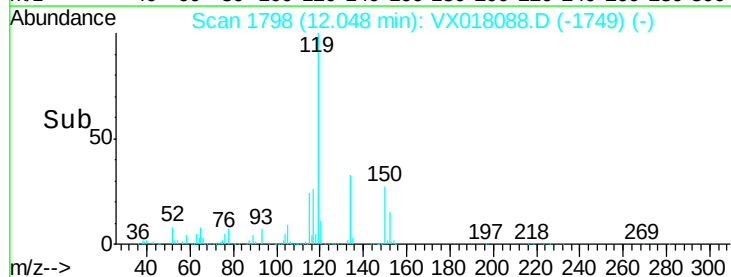
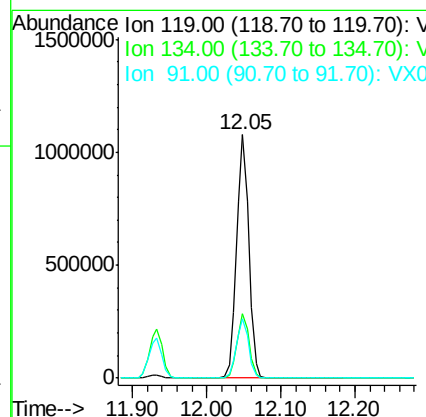
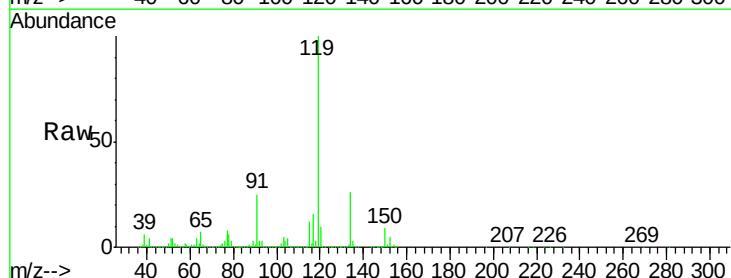
Manual Integrations
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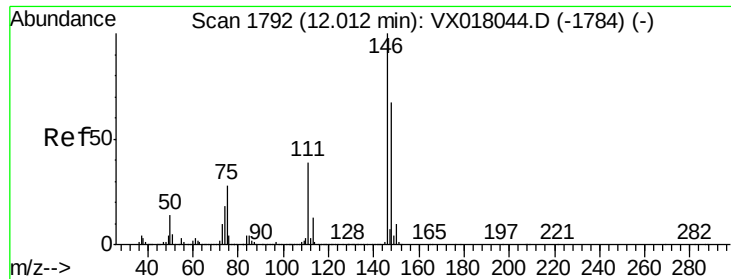
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#86
 p-Isopropyltoluene
 Concen: 58.021 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	24.4	11.8	35.4





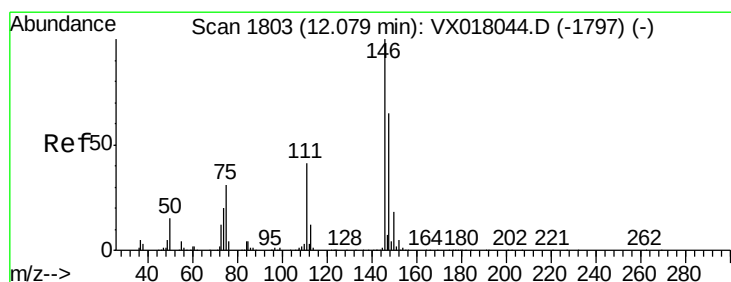
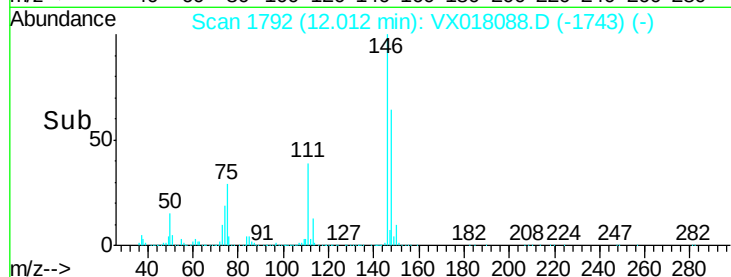
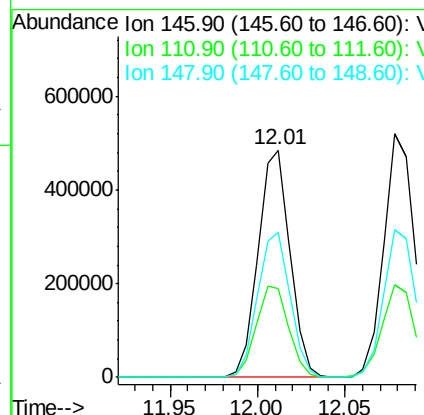
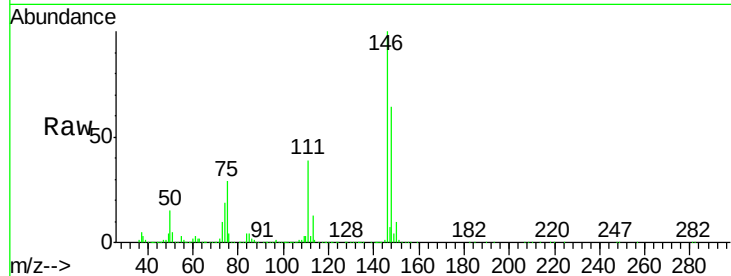
#87
 1,3-Dichlorobenzene
 Concen: 50.076 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	65.2	33.1	99.2

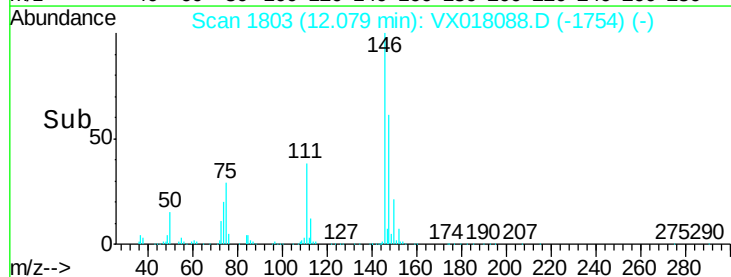
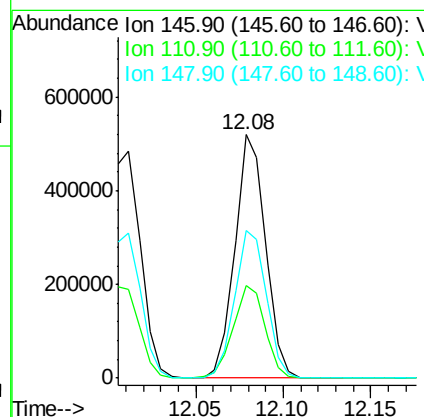
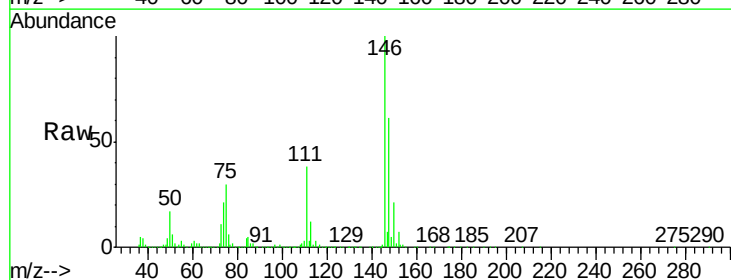
Manual Integrations
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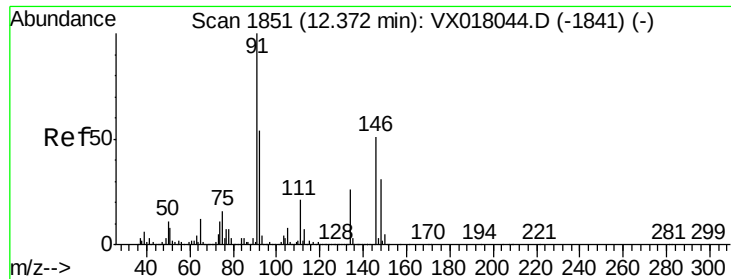
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#88
 1,4-Dichlorobenzene
 Concen: 51.383 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	62.7	33.1	99.2





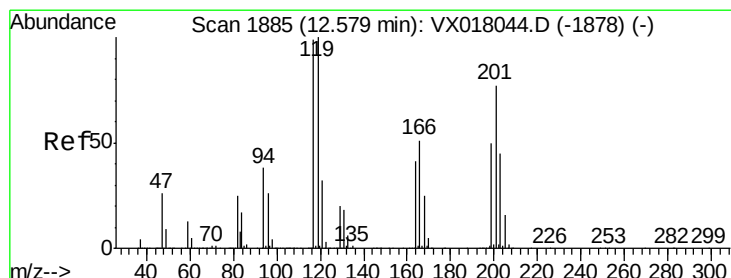
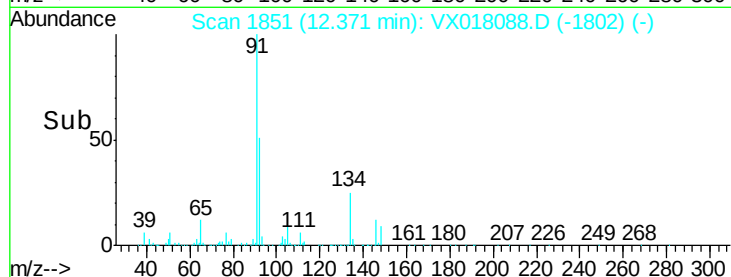
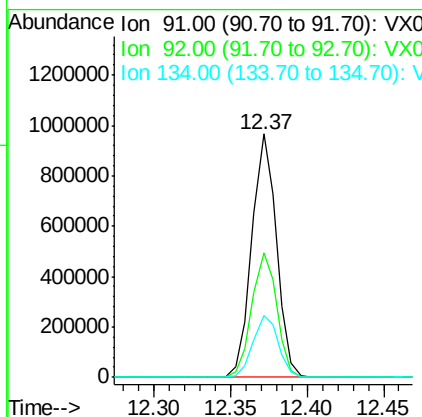
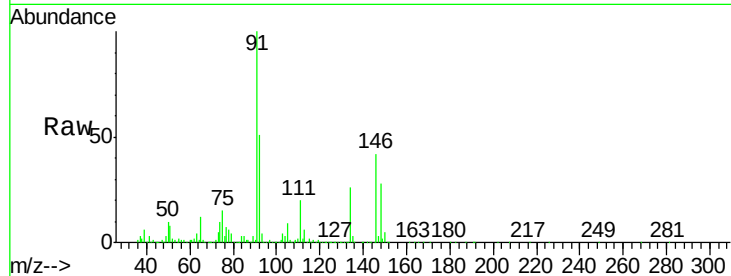
#89
n-Butylbenzene
Concen: 55.306 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.2
134	26.2	12.9	38.7

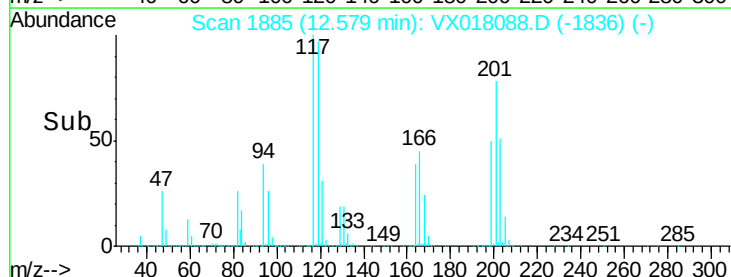
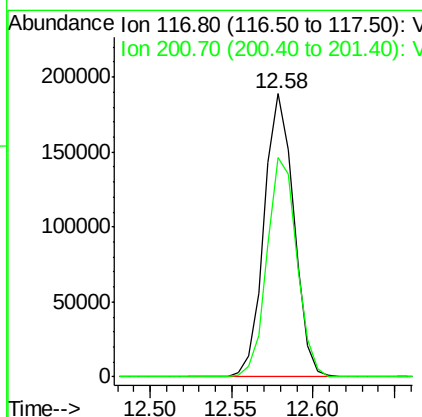
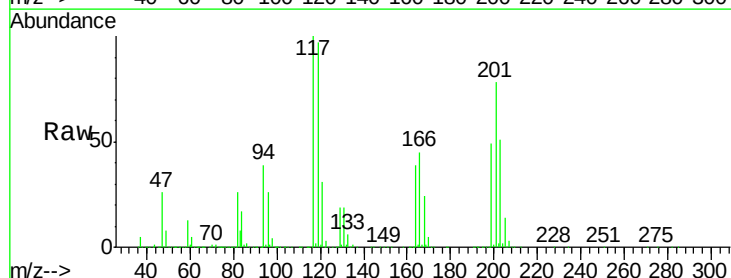
Manual Integrations
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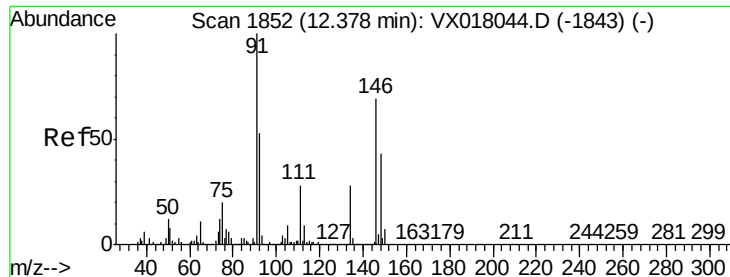
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#90
Hexachloroethane
Concen: 56.525 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	38.5	115.3





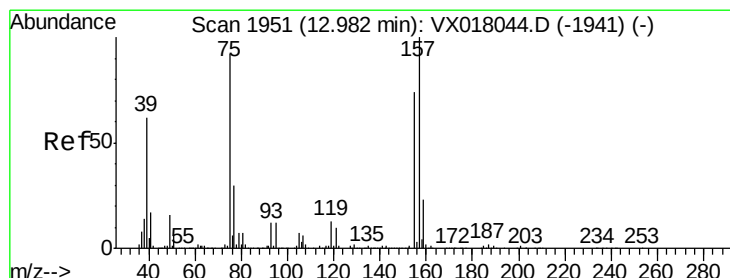
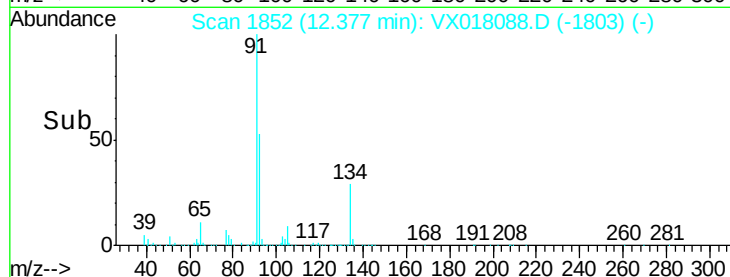
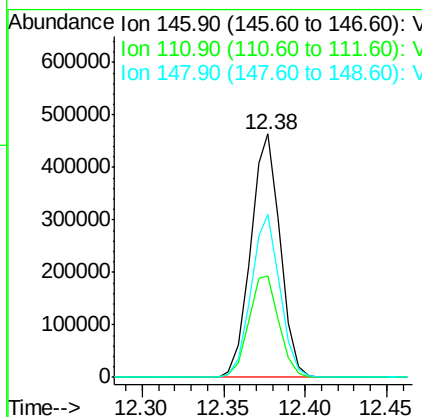
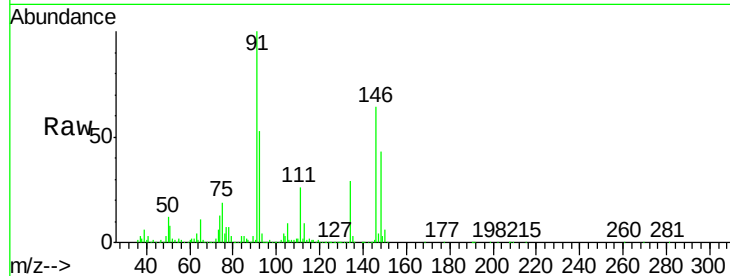
#91
 1,2-Dichlorobenzene
 Concen: 50.265 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	581086		
111	42.8	20.8	62.5	
148	65.7	31.6	95.0	

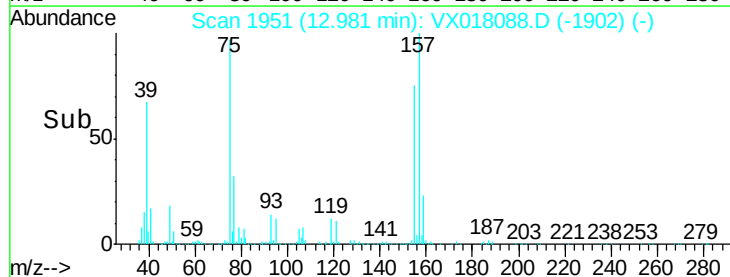
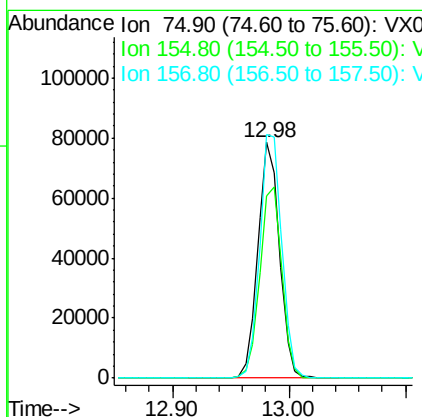
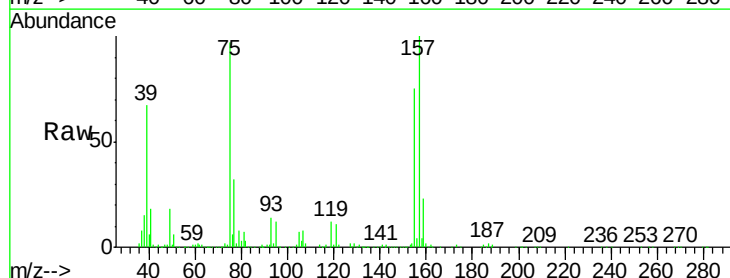
Manual Integrations
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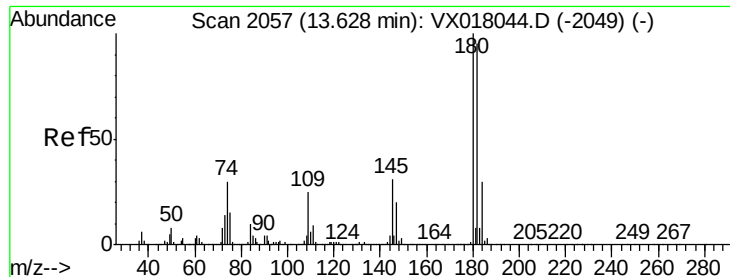
MMDadoda
 8/28/2020 2:59:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.667 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101931		
155	83.0	40.2	120.6	
157	105.9	55.0	165.2	





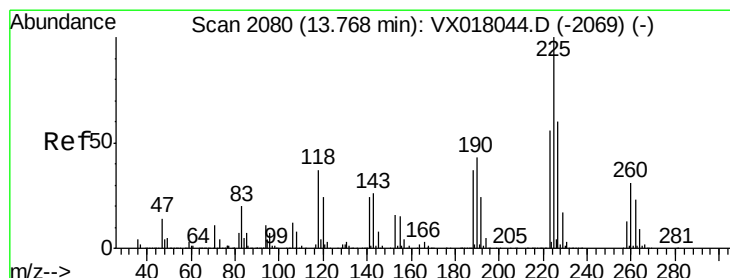
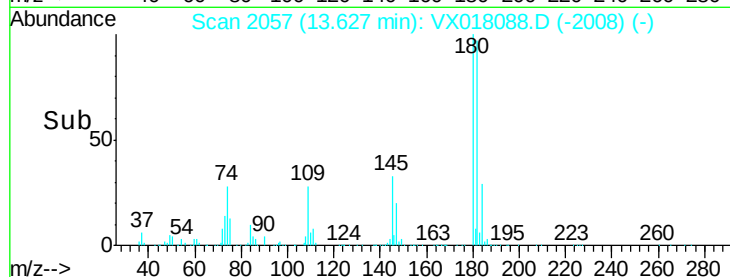
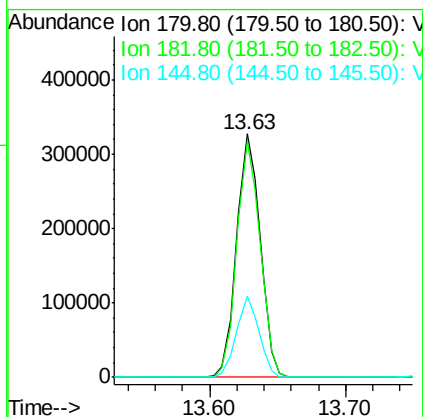
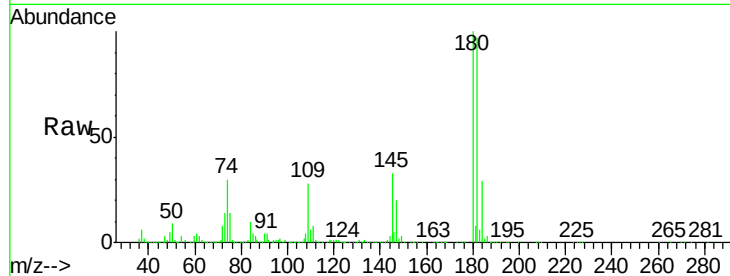
#93
 1,2,4-Trichlorobenzene
 Concen: 51.368 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	395991		
182	95.9	47.5	142.6	
145	32.1	15.7	47.1	

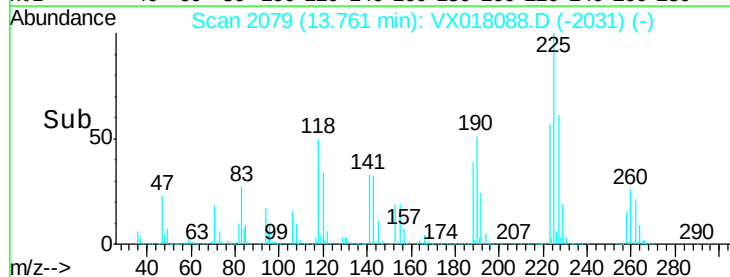
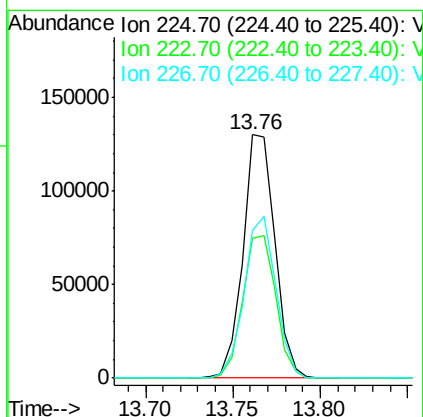
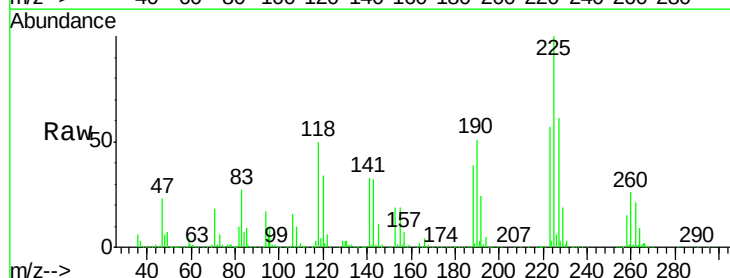
Manual Integrations
 APPROVED

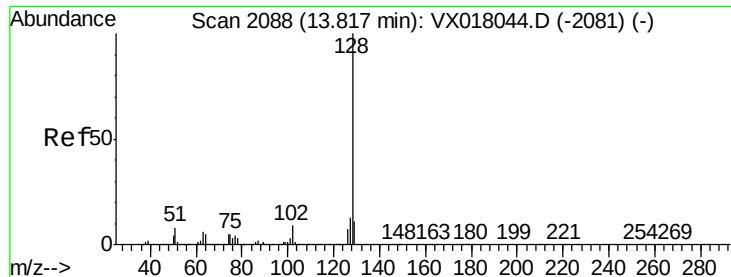
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 54.183 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018088.D
 Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164750		
223	60.7	30.7	92.1	
227	66.2	32.6	97.8	





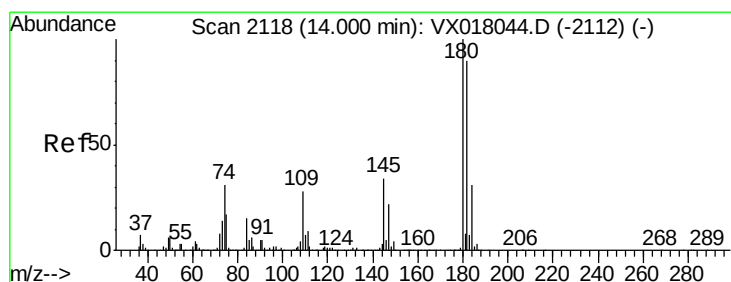
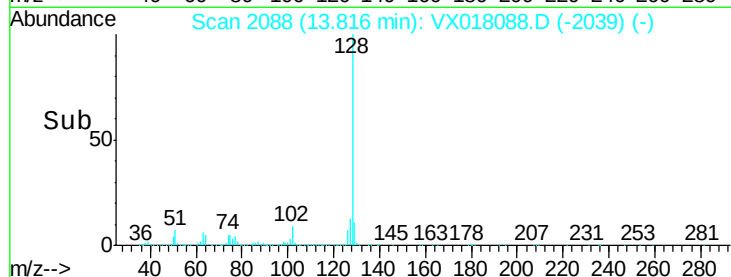
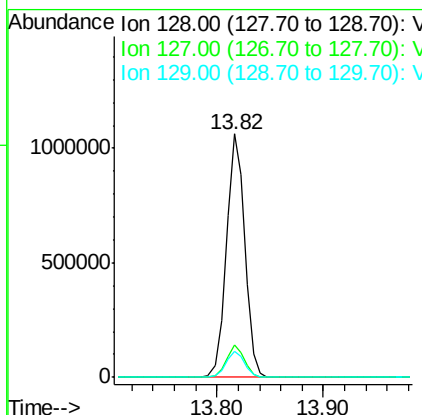
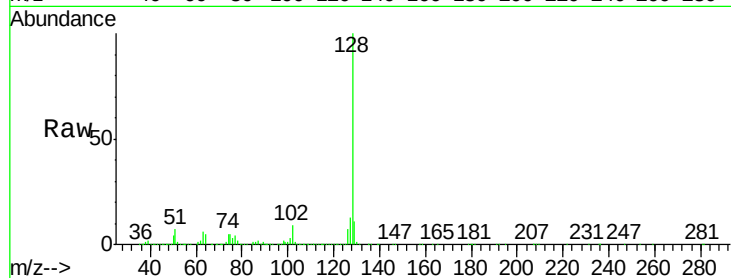
#95
Naphthalene
Concen: 50.480 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 50.934 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018088.D
Acq: 27 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.3	142.0
145	33.5	17.5	52.6

