

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017715.D
 Acq On : 31 Jul 2020 21:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:33 PM

Quant Time: Aug 01 04:29:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	397906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	693820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	681427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	382212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	332044	64.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.92%	
35) Dibromofluoromethane	5.47	113	261006	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
50) Toluene-d8	8.70	98	839222	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.12	95	341036	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120346	32.238	ug/l	100
3) Chloromethane	1.31	50	250325	50.888	ug/l	100
4) Vinyl Chloride	1.39	62	213372	42.613	ug/l	96
5) Bromomethane	1.62	94	152649	57.155	ug/l	98
6) Chloroethane	1.70	64	149906	54.359	ug/l	99
7) Trichlorofluoromethane	1.91	101	296225	37.613	ug/l	99
8) Diethyl Ether	2.17	74	160832	63.353	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133276	30.837	ug/l	97
10) Methyl Iodide	2.49	142	289073	52.281	ug/l	96
11) Tert butyl alcohol	3.03	59	336645	312.505	ug/l	100
12) 1,1-Dichloroethene	2.36	96	183214	44.578	ug/l	96
13) Acrolein	2.28	56	301759	364.957	ug/l	98
14) Allyl chloride	2.71	41	417435	55.624	ug/l	99
15) Acrylonitrile	3.12	53	778052	334.398	ug/l	100
16) Acetone	2.42	43	704548	313.181	ug/l	98
17) Carbon Disulfide	2.55	76	526554	42.151	ug/l	100
18) Methyl Acetate	2.75	43	362878	68.490	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	882433	62.033	ug/l	100
20) Methylene Chloride	2.83	84	275646	65.455	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	233964	53.138	ug/l	97
22) Diisopropyl ether	3.83	45	862387	62.847	ug/l	97
23) Vinyl Acetate	3.79	43	3998183	326.787	ug/l	100
24) 1,1-Dichloroethane	3.67	63	464845	58.807	ug/l	99
25) 2-Butanone	4.64	43	1084850	339.454	ug/l	98
26) 2,2-Dichloropropane	4.55	77	357762	50.562	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	287599	60.139	ug/l	98
28) Bromochloromethane	4.98	49	228029	63.659	ug/l	98
29) Tetrahydrofuran	5.09	42	697386	352.286	ug/l	99
30) Chloroform	5.18	83	510367	63.189	ug/l	99
31) Cyclohexane	5.55	56	225203	35.727	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	409811	53.807	ug/l	99
36) 1,1-Dichloropropene	5.77	75	288008	43.281	ug/l	98
37) Ethyl Acetate	4.80	43	418846	57.527	ug/l	99
38) Carbon Tetrachloride	5.75	117	344092	42.581	ug/l	97

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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	196343	25.275	ug/l	95
40) Benzene	6.12	78	970919	50.893	ug/l	98
41) Methacrylonitrile	5.01	41	240168	57.548	ug/l	99
42) 1,2-Dichloroethane	6.17	62	429708	55.057	ug/l	99
43) Isopropyl Acetate	6.42	43	676705	56.331	ug/l	99
44) Trichloroethene	7.19	130	270836	48.578	ug/l	98
45) 1,2-Dichloropropane	7.49	63	270770	51.198	ug/l	99
46) Dibromomethane	7.64	93	199020	53.249	ug/l	98
47) Bromodichloromethane	7.88	83	407948	54.245	ug/l	100
48) Methyl methacrylate	7.75	41	330973	55.581	ug/l	97
49) 1,4-Dioxane	7.72	88	134194	1175.420	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2110905	294.501	ug/l	99
52) Toluene	8.77	92	614386	50.216	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	459771	54.614	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	462044	53.808	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289518	56.804	ug/l	99
56) Ethyl methacrylate	9.16	69	441839	57.541	ug/l	99
57) 1,3-Dichloropropane	9.35	76	469176	55.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1084185	267.999	ug/l	98
59) 2-Hexanone	9.48	43	1575853	292.014	ug/l	100
60) Dibromochloromethane	9.57	129	357118	55.127	ug/l	99
61) 1,2-Dibromoethane	9.65	107	313280	57.734	ug/l	100
64) Tetrachloroethene	9.32	164	259483	42.427	ug/l	97
65) Chlorobenzene	10.12	112	710095	48.143	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	310359	52.137	ug/l	97
67) Ethyl Benzene	10.24	91	1155984	46.951	ug/l	99
68) m/p-Xylenes	10.34	106	875453	91.784	ug/l	95
69) o-Xylene	10.68	106	437490	47.690	ug/l	99
70) Styrene	10.70	104	798638	51.168	ug/l	99
71) Bromoform	10.84	173	281436	54.570	ug/l #	99
73) Isopropylbenzene	11.00	105	1107501	42.238	ug/l	99
74) N-amyl acetate	10.88	43	564893	48.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	401103	49.009	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	397050m	50.501	ug/l	
77) Bromobenzene	11.24	156	341902	46.578	ug/l	98
78) n-propylbenzene	11.35	91	1273200	43.054	ug/l	99
79) 2-Chlorotoluene	11.40	91	853214	46.575	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1018354	45.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	151142	48.439	ug/l	99
82) 4-Chlorotoluene	11.49	91	1018415	47.129	ug/l	99
83) tert-Butylbenzene	11.76	119	907897	42.382	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1039196	46.670	ug/l	99
85) sec-Butylbenzene	11.93	105	994832	39.866	ug/l	99
86) p-Isopropyltoluene	12.05	119	1008379	42.433	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	583290	46.273	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	612620	46.920	ug/l	99
89) n-Butylbenzene	12.37	91	779886	36.830	ug/l	99
90) Hexachloroethane	12.58	117	202644	43.253	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	574624	46.382	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108725	47.131	ug/l	99

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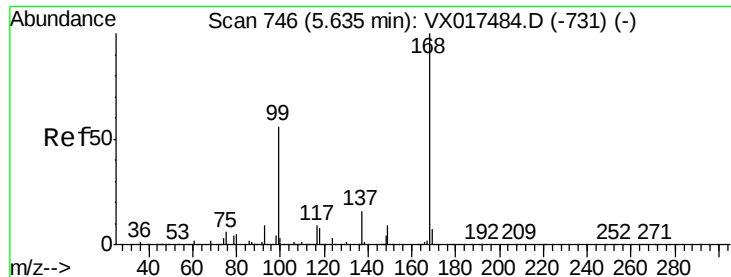
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	380275	44.975	ug/l	100
94) Hexachlorobutadiene	13.77	225	131265	33.726	ug/l	99
95) Naphthalene	13.82	128	1299462	51.483	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	412177	49.370	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 397906

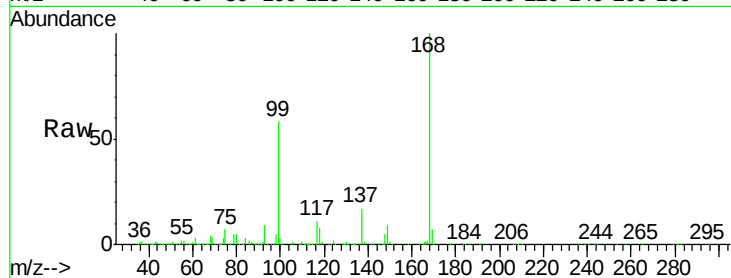
Ion Ratio Lower Upper

168 100

99 57.4 43.4 65.2

Manual Integrations
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8/3/2020 5:02:33 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

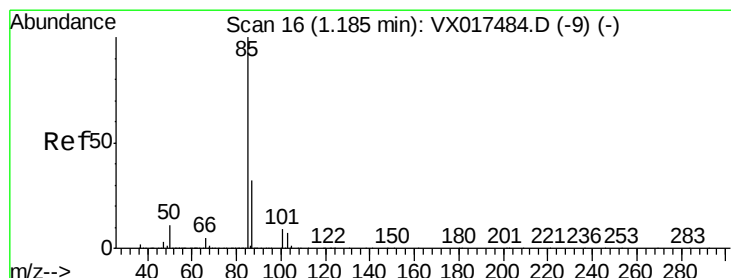
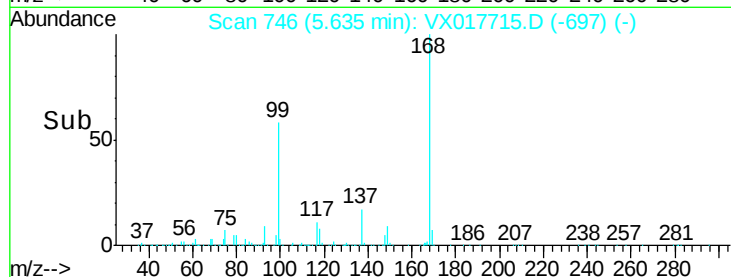
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 32.238 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017715.D

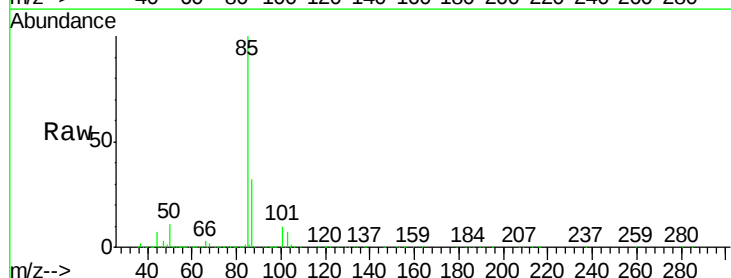
Acq: 31 Jul 2020 21:11

Tgt Ion: 85 Resp: 120346

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

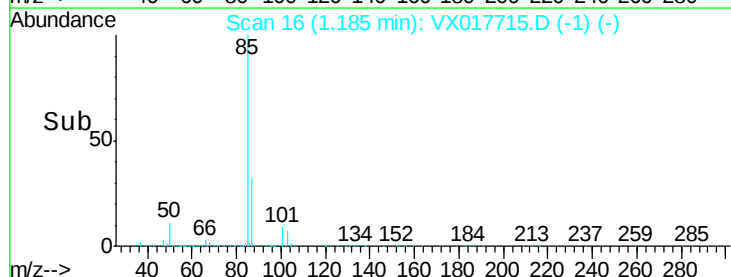
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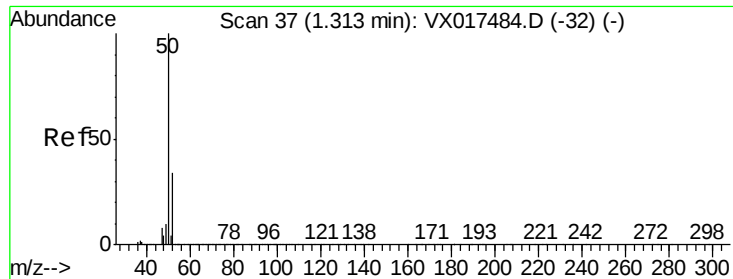
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1.10 1.15 1.20 1.25

Time-->





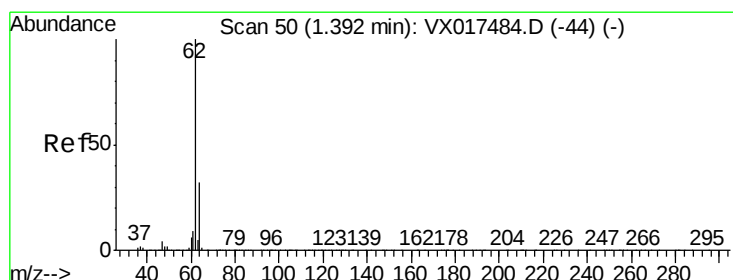
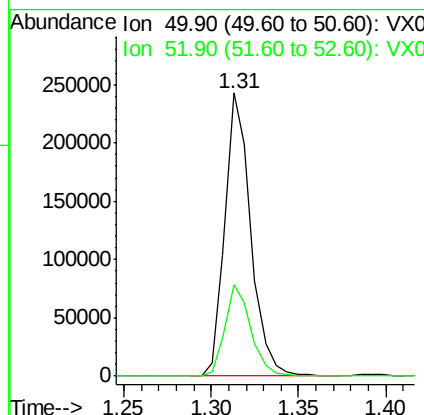
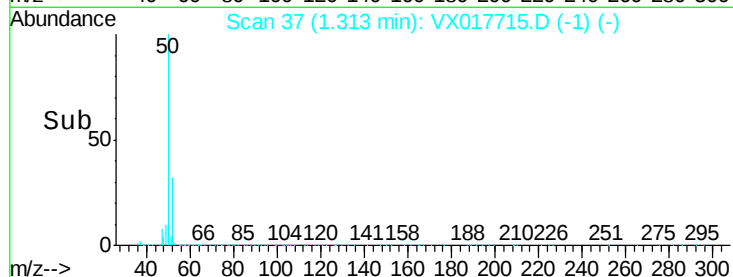
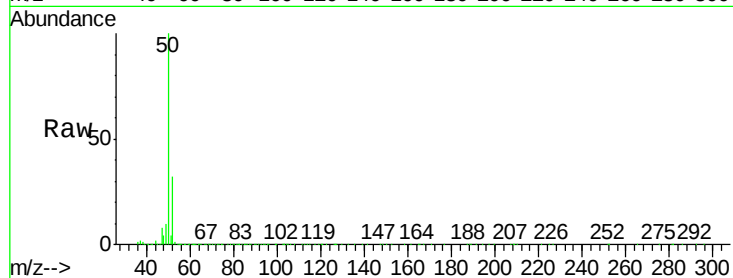
#3
Chloromethane
Concen: 50.888 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.9	38.9

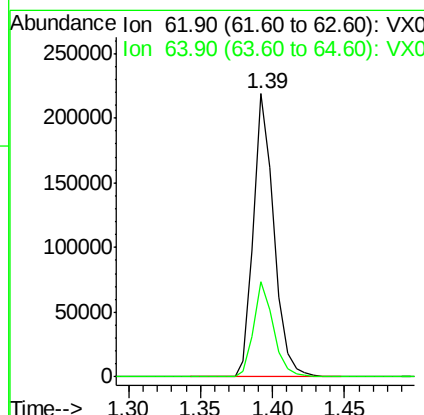
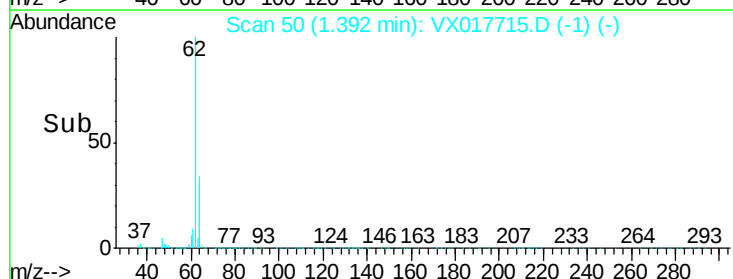
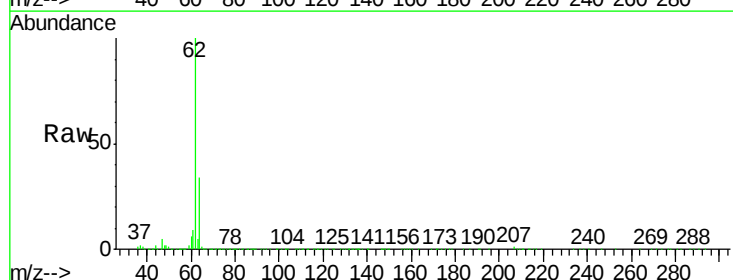
Manual Integrations
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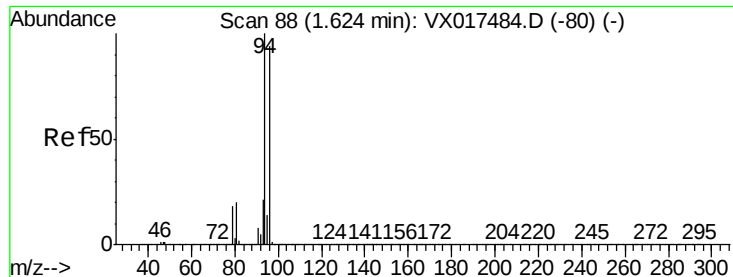
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#4
Vinyl Chloride
Concen: 42.613 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.6	25.2	37.8





#5

Bromomethane

Concen: 57.155 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 152649

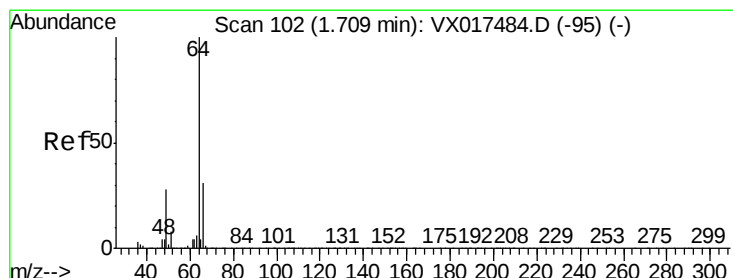
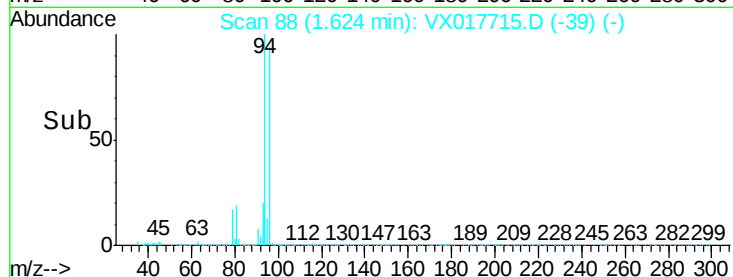
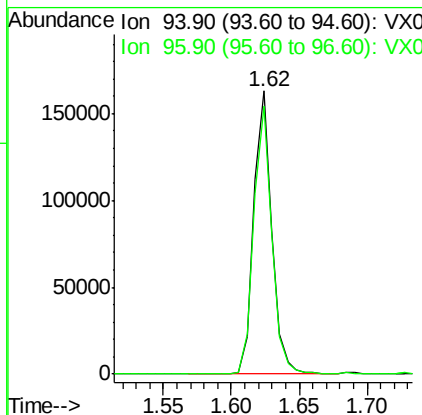
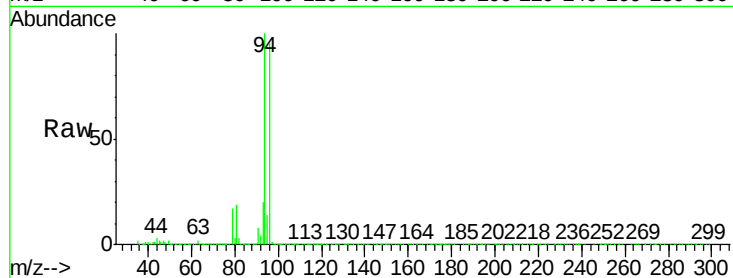
Ion Ratio Lower Upper

94 100

96 94.6 74.1 111.1

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 54.359 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017715.D

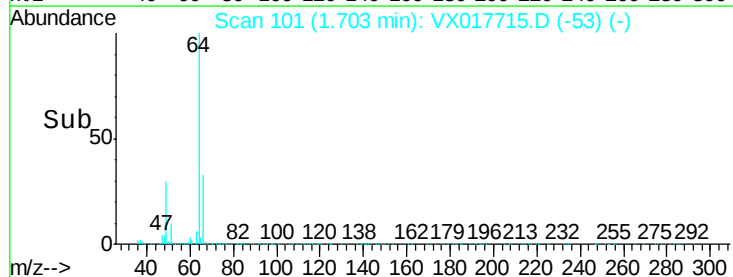
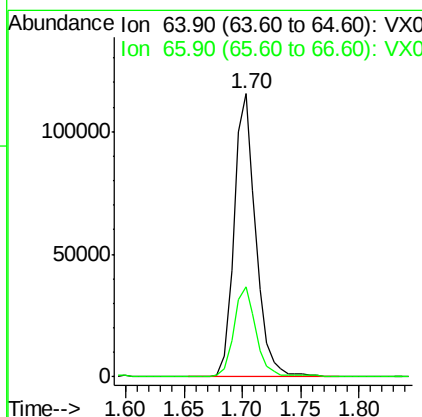
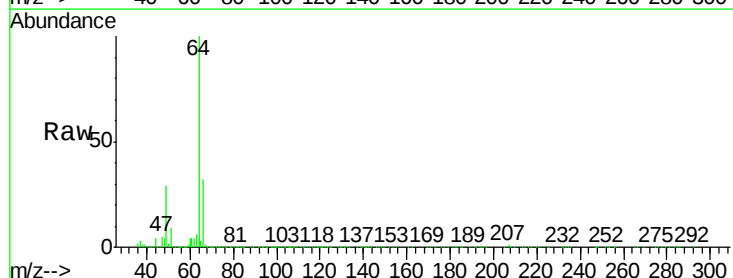
Acq: 31 Jul 2020 21:11

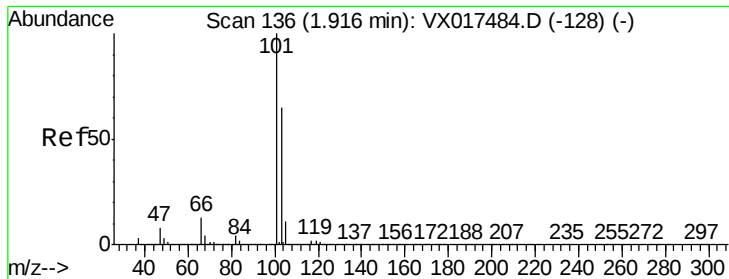
Tgt Ion: 64 Resp: 149906

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3





#7

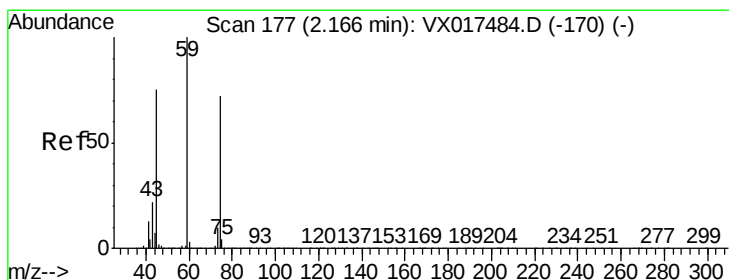
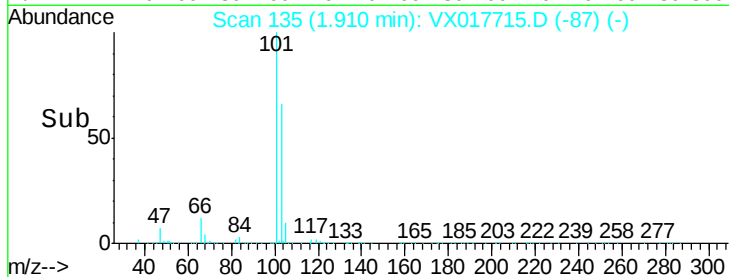
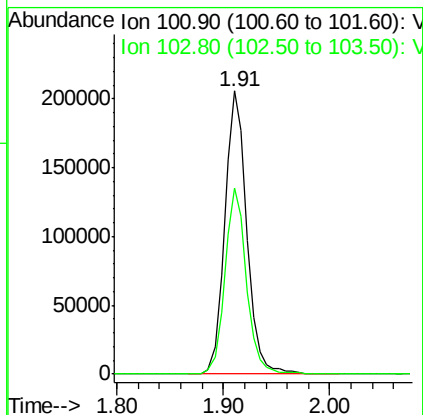
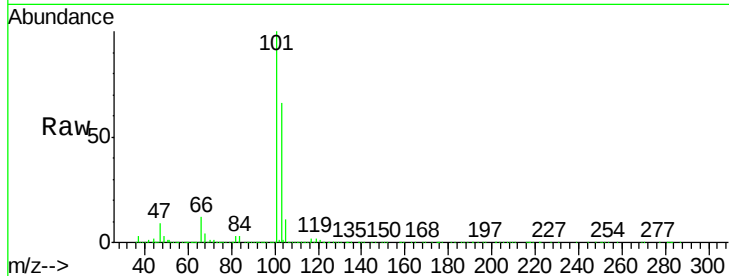
Trichlorofluoromethane
Concen: 37.613 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.8

Manual Integrations
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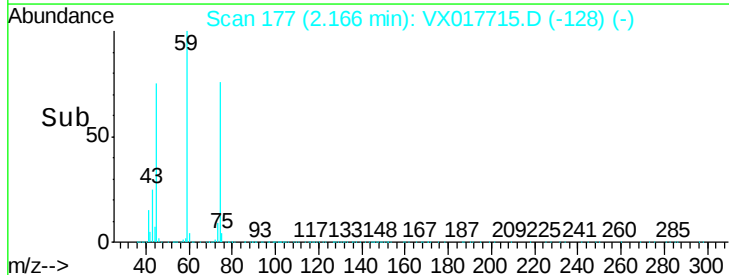
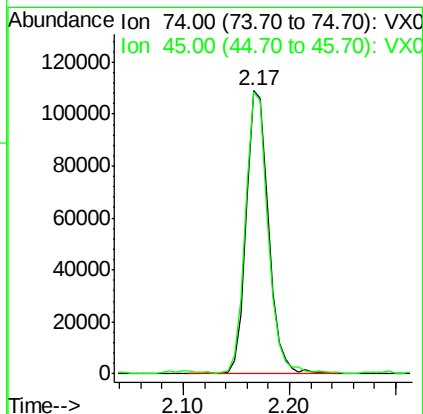
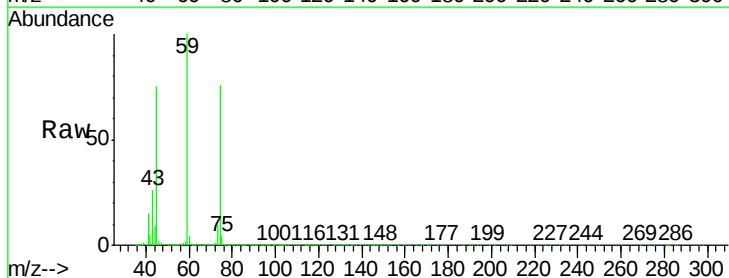
MMDadoda
8/3/2020 5:02:33 PM

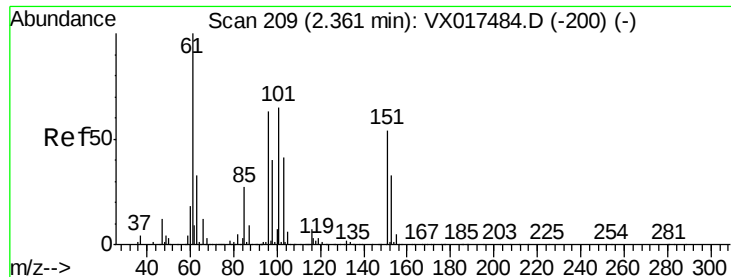


#8

Diethyl Ether
Concen: 63.353 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.837 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017715.D

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Instrument :

MSVOA_X

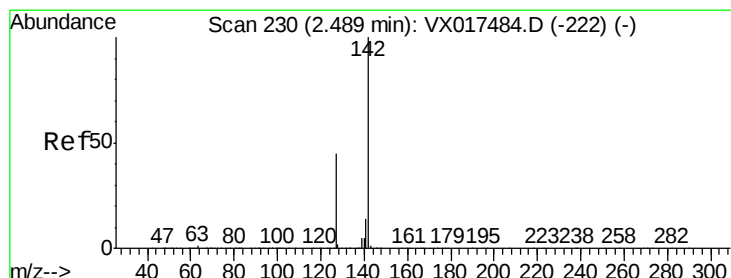
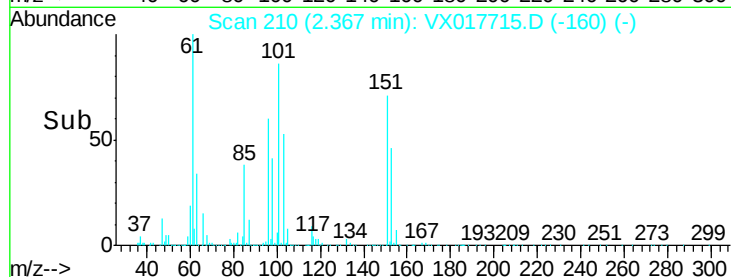
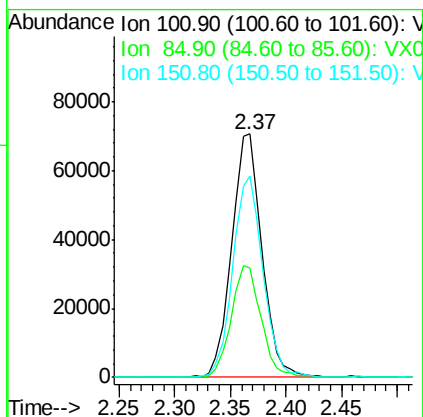
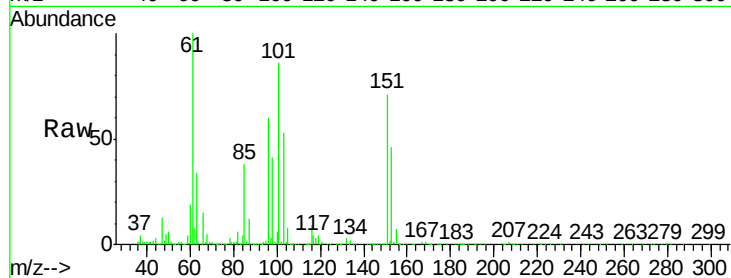
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	133276
Ion Ratio	Lower	Upper	
101	100		
85	45.3	34.8	52.2
151	82.8	68.0	102.0

Manual Integrations
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MMDadoda
8/3/2020 5:02:33 PM



#10

Methyl Iodide

Concen: 52.281 ug/l

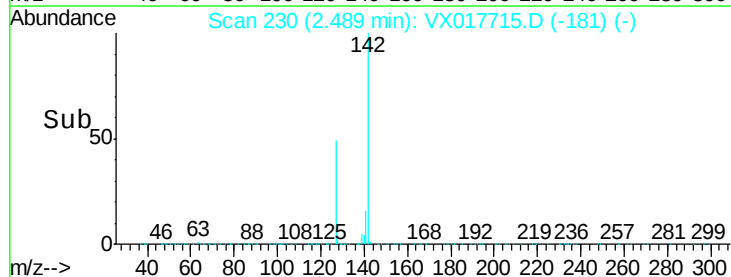
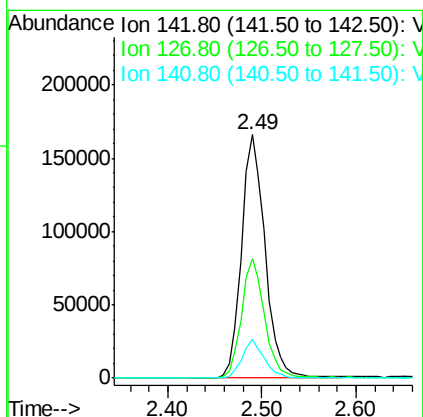
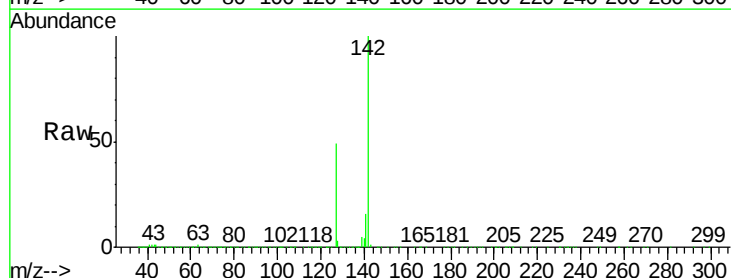
RT: 2.49 min Scan# 230

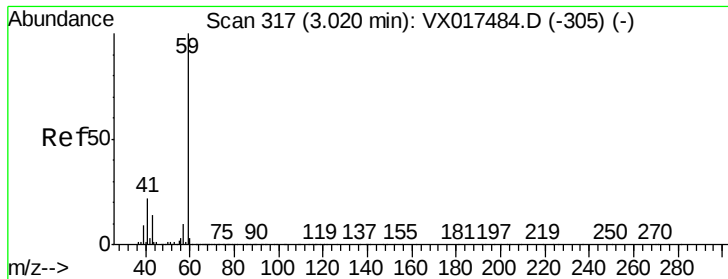
Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion:	142	Resp:	289073
Ion Ratio	Lower	Upper	
142	100		
127	48.1	35.9	53.9
141	14.9	11.4	17.0





#11

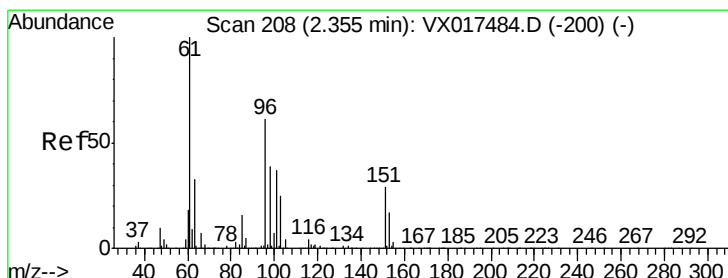
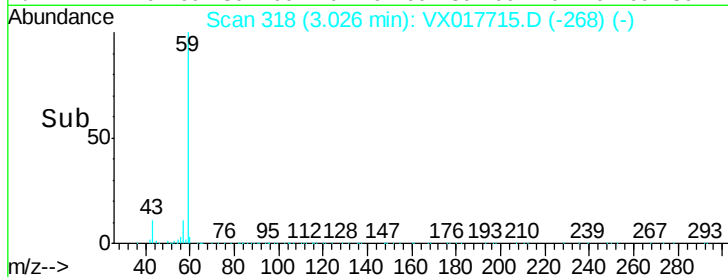
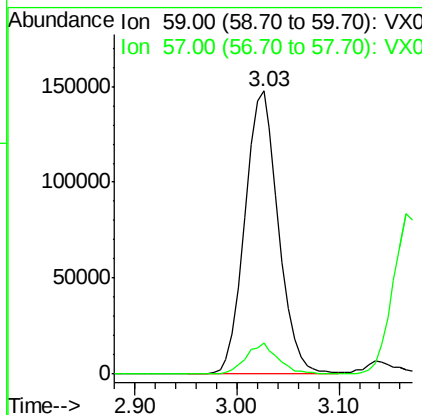
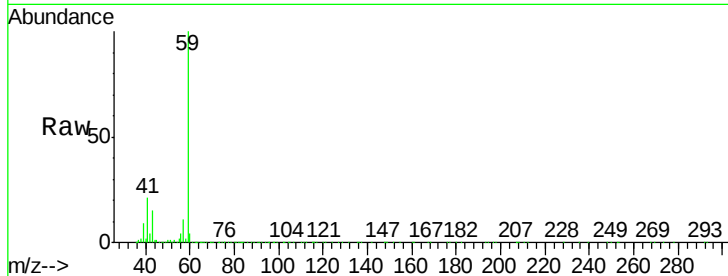
Tert butyl alcohol
Concen: 312.505 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	12.8

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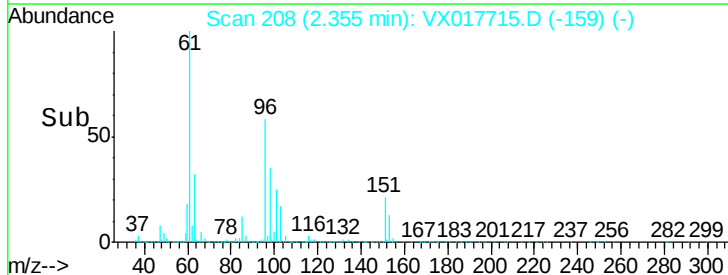
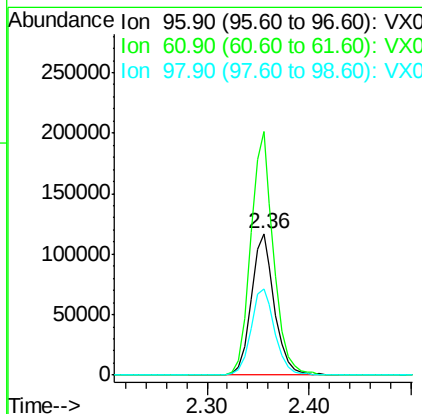
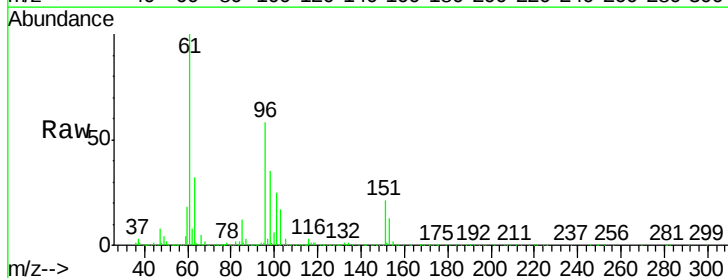
MMDadoda
8/3/2020 5:02:33 PM

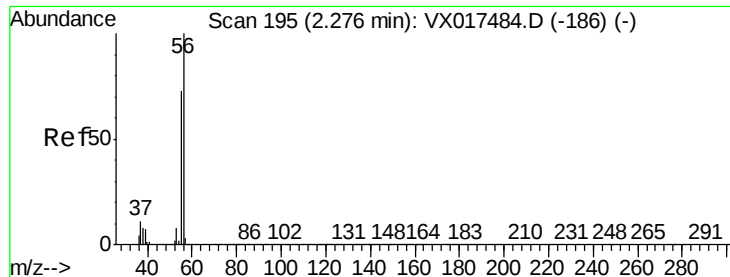


#12

1,1-Dichloroethene
Concen: 44.578 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.0	134.0	201.0
98	60.6	51.0	76.4





#13

Acrolein

Concen: 364.957 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 301759

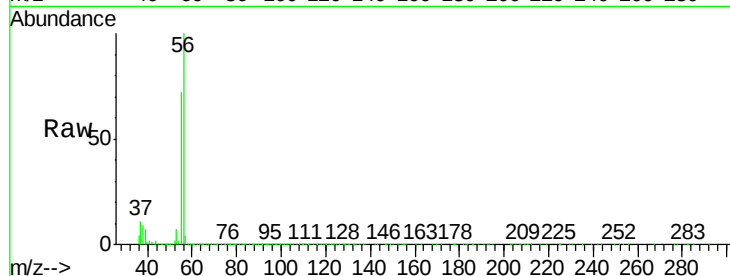
Ion Ratio Lower Upper

56 100

55 73.1 57.4 86.2

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

200000

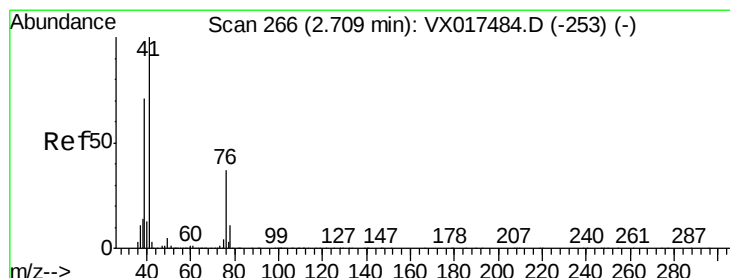
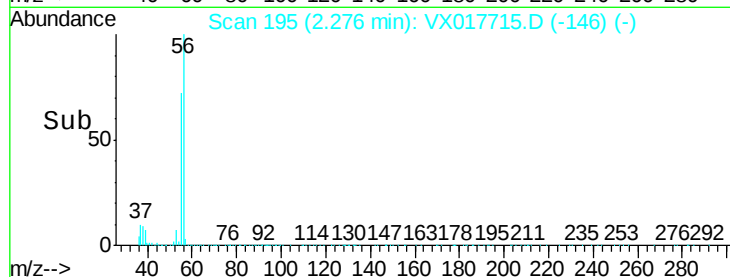
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 55.624 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

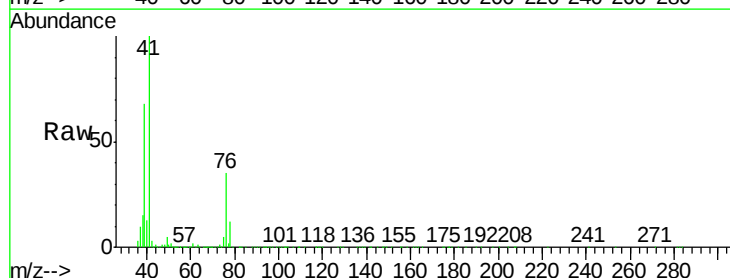
Tgt Ion: 41 Resp: 417435

Ion Ratio Lower Upper

41 100

39 64.3 51.9 77.9

76 31.7 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

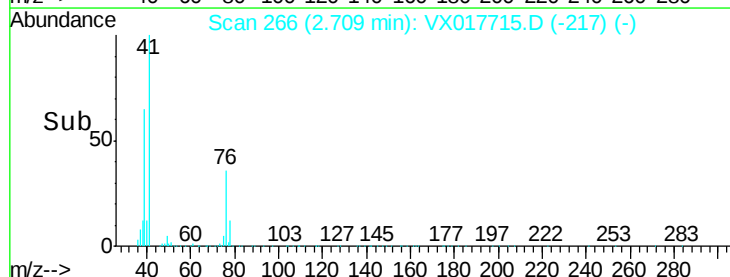
300000

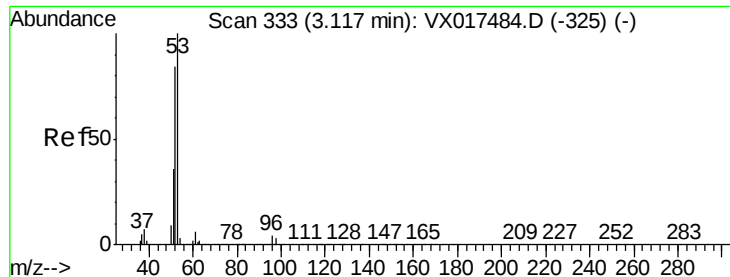
200000

100000

0

Time-->





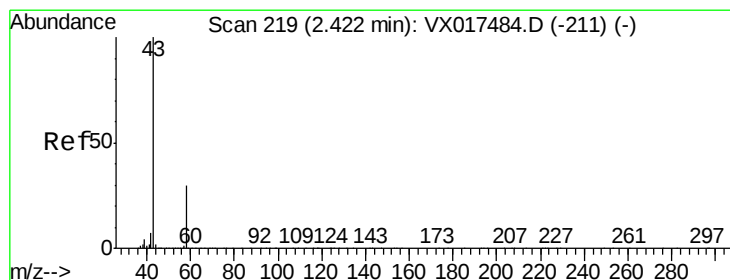
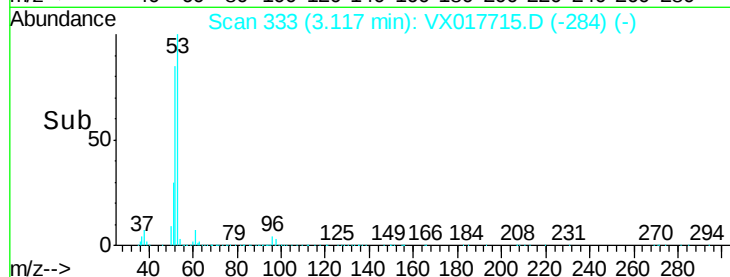
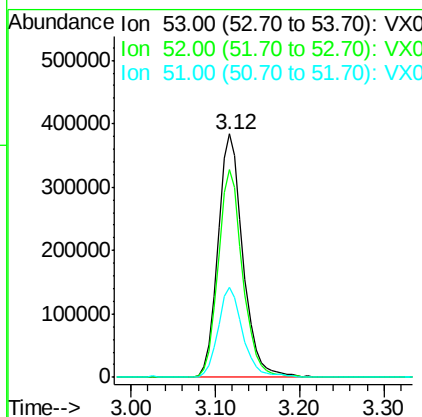
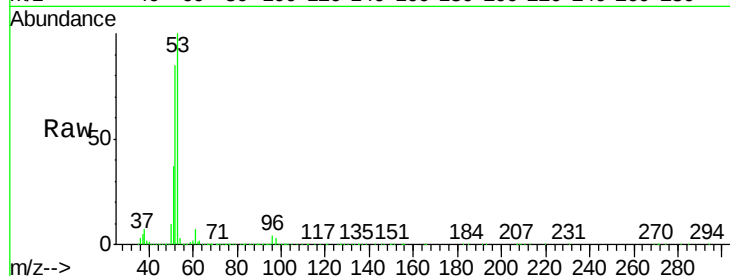
#15
 Acrylonitrile
 Concen: 334.398 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	778052
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.6	99.8
51	36.8	29.4	44.2

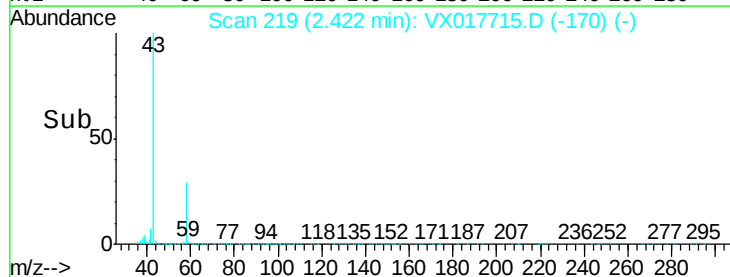
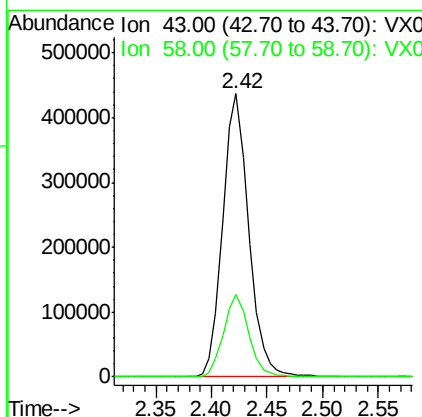
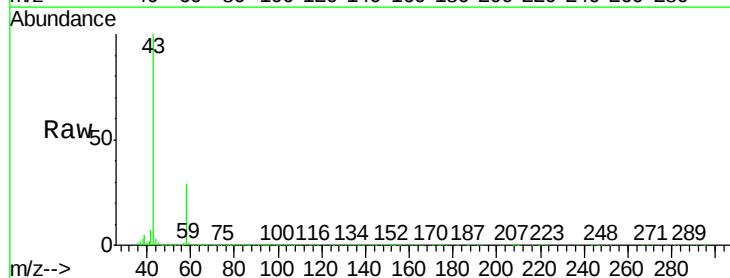
Manual Integrations
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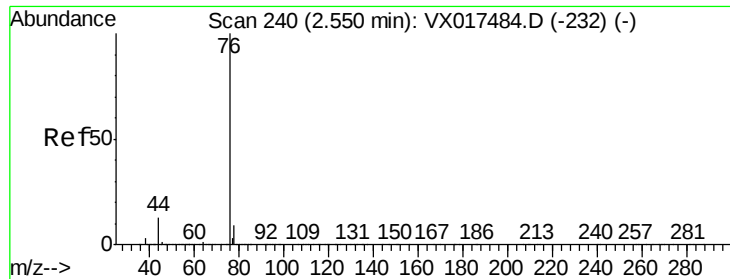
MMDadoda
 8/3/2020 5:02:33 PM



#16
 Acetone
 Concen: 313.181 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion:	43	Resp:	704548
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.2	36.4





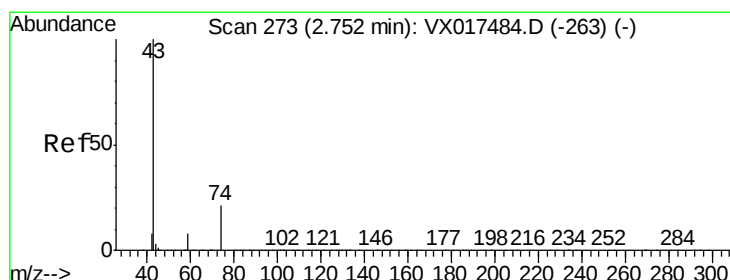
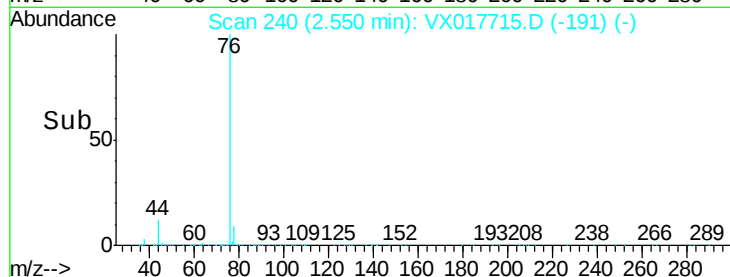
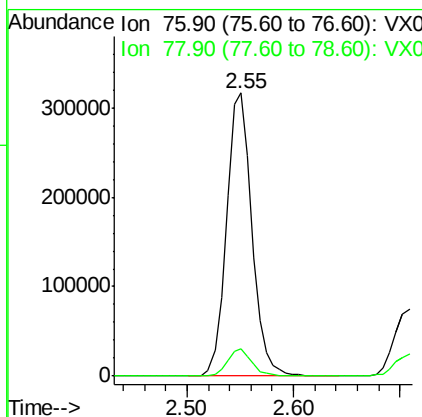
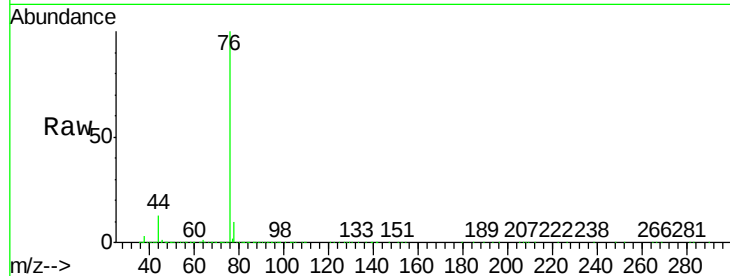
#17
Carbon Disulfide
Concen: 42.151 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

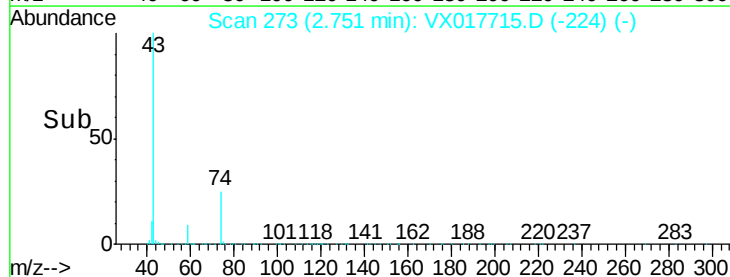
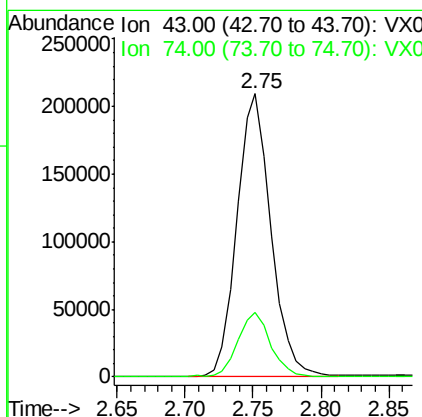
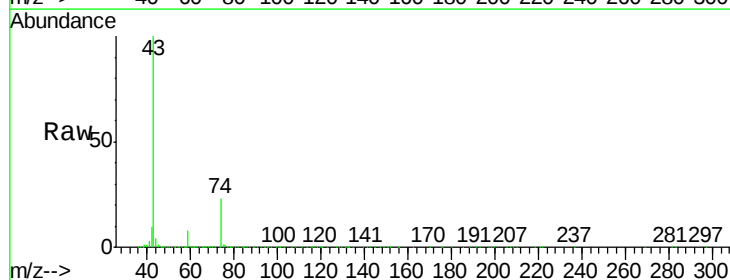
Manual Integrations
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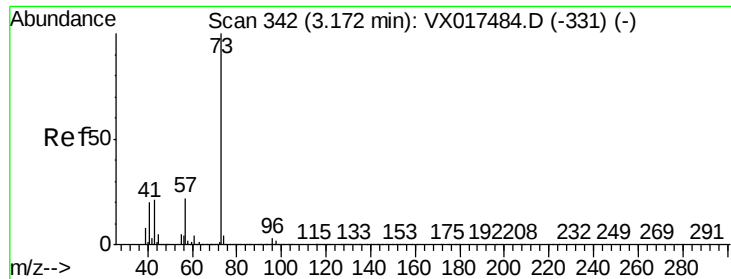
MMDadoda
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#18
Methyl Acetate
Concen: 68.490 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.5	26.3





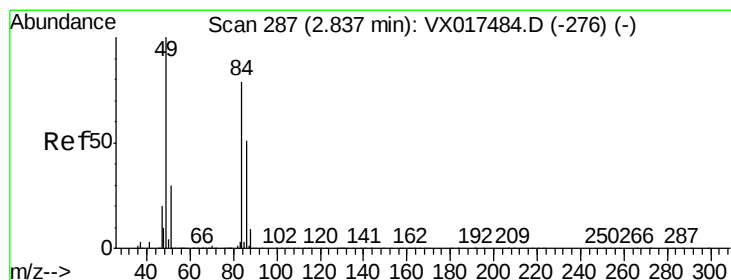
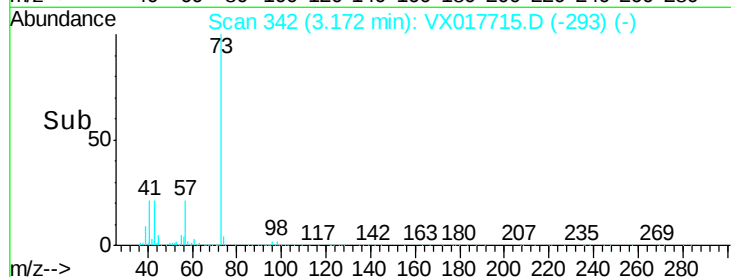
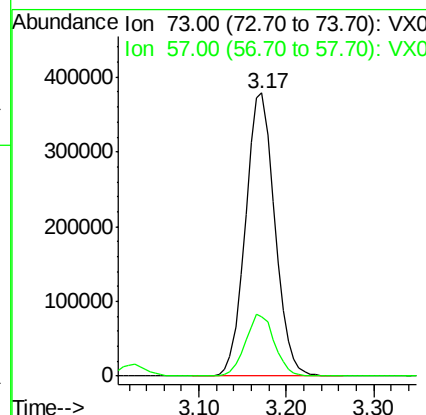
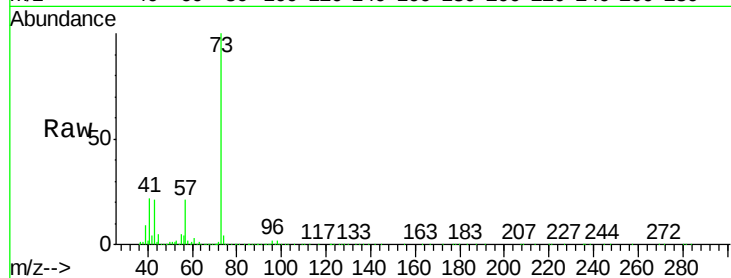
#19
Methvl tert-butvl Ether
Concen: 62.033 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.0	25.4

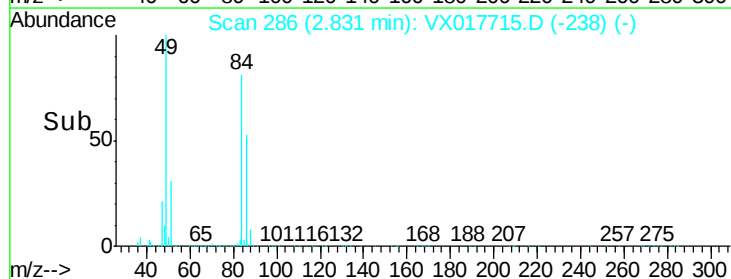
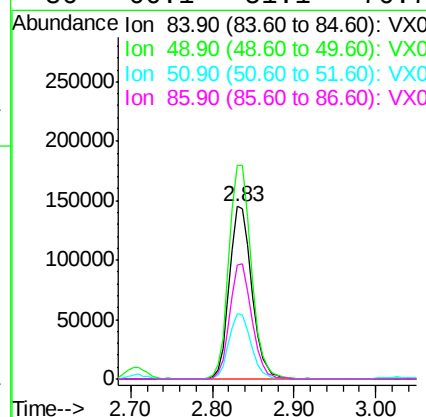
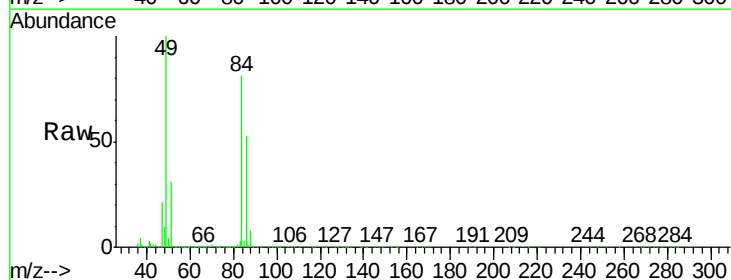
Manual Integrations
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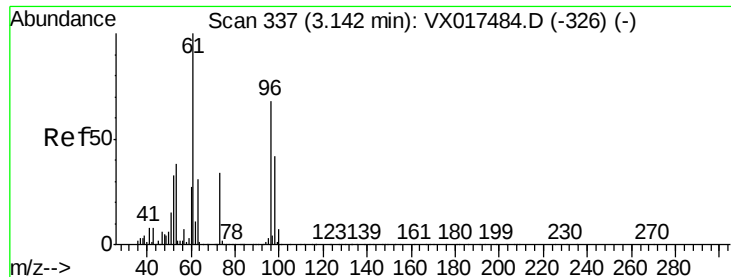
MMDadoda
8/3/2020 5:02:33 PM



#20
Methylene Chloride
Concen: 65.455 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	100.3	150.5
51	38.0	30.5	45.7
86	66.1	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 53.138 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

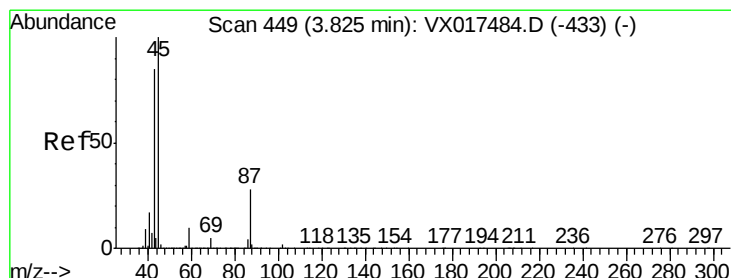
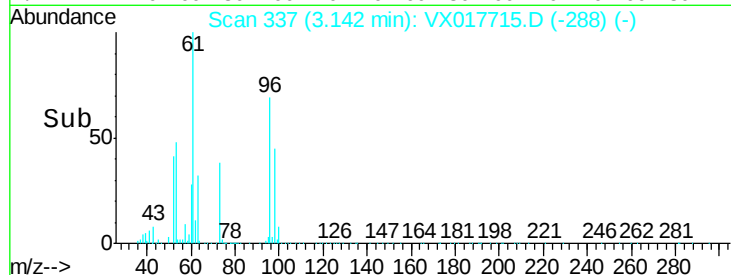
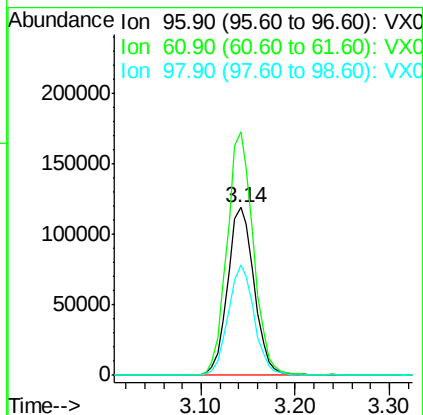
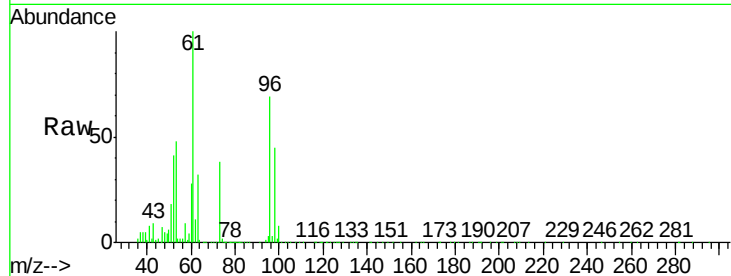
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	233964
Ion Ratio	Lower	Upper	
96	100		
61	145.2	113.0	169.4
98	65.6	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 62.847 ug/l

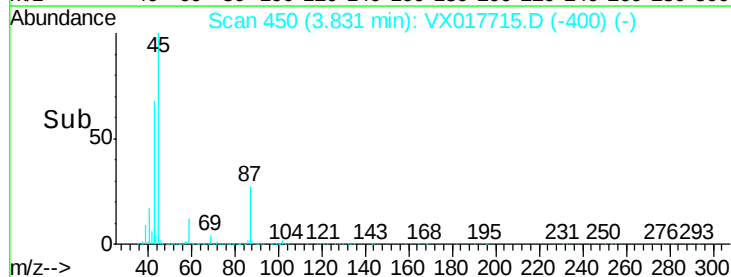
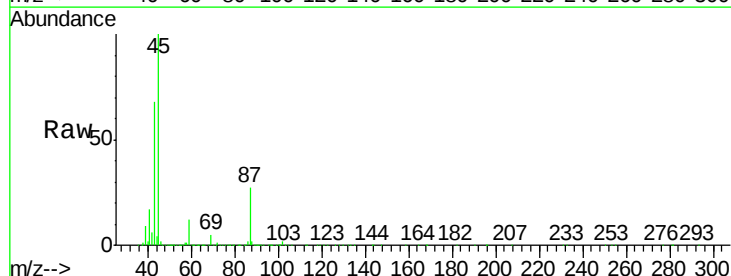
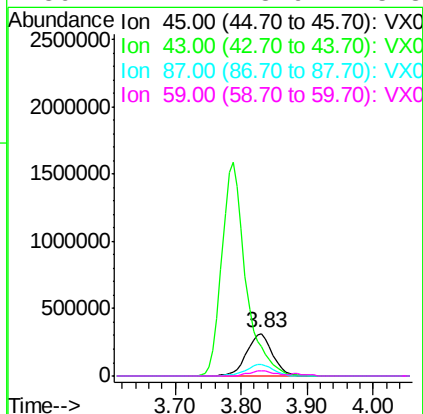
RT: 3.83 min Scan# 450

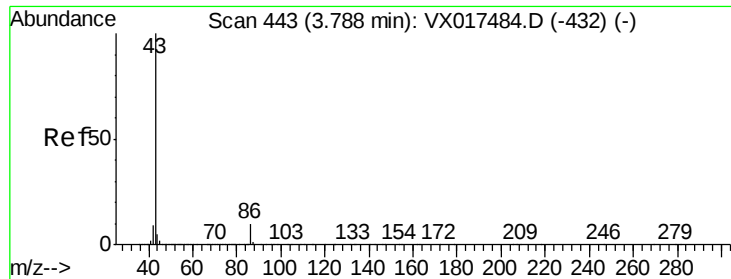
Delta R.T. 0.01 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion:	45	Resp:	862387
Ion Ratio	Lower	Upper	
45	100		
43	68.0	52.0	78.0
87	27.4	22.2	33.4
59	12.2	8.9	13.3





#23

Vinyl Acetate

Concen: 326.787 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3998183

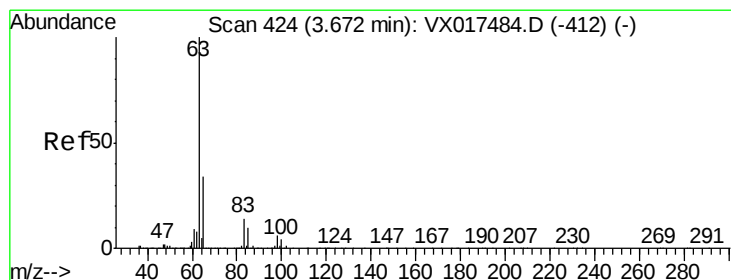
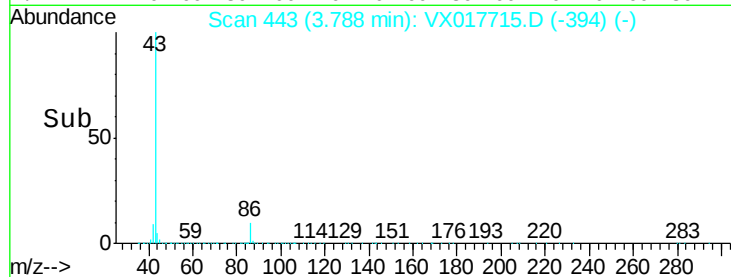
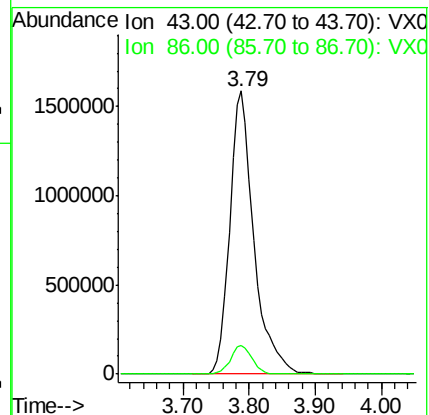
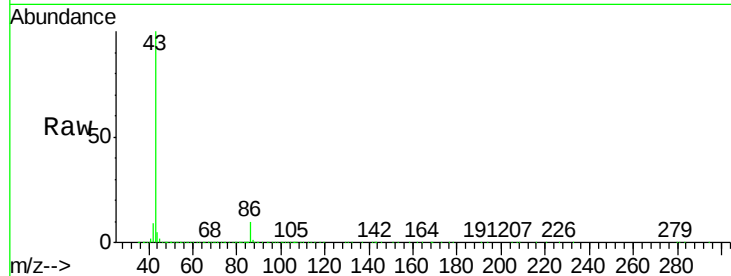
Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 58.807 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

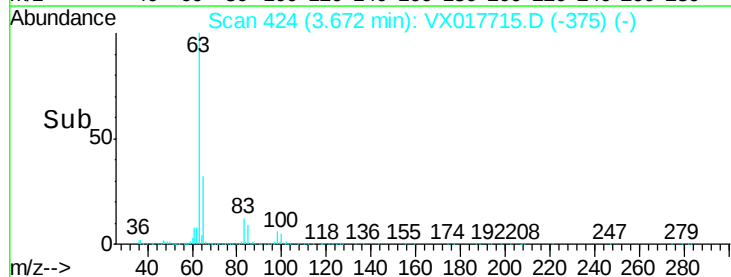
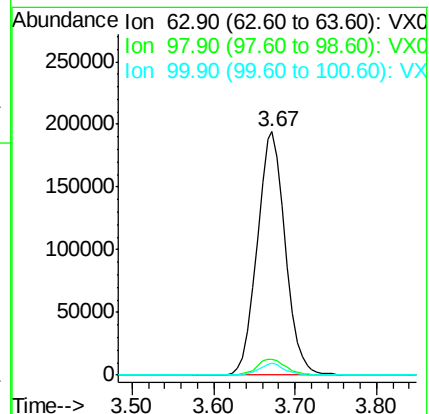
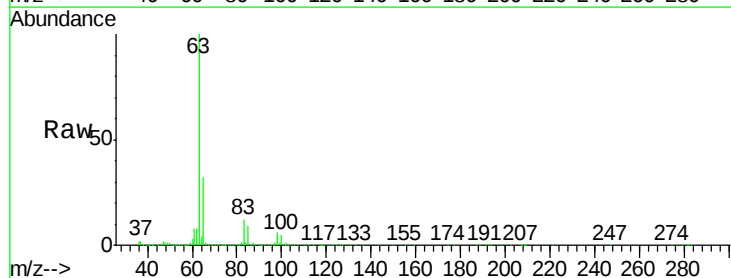
Tgt Ion: 63 Resp: 464845

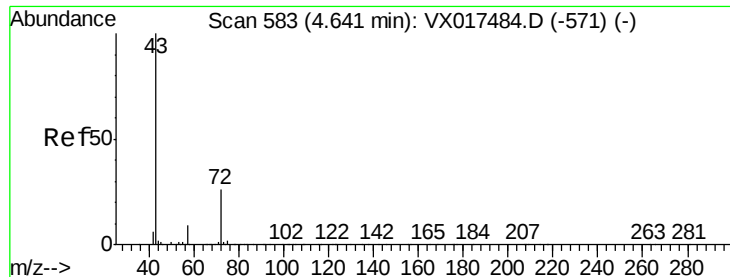
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.6 1.9 5.7





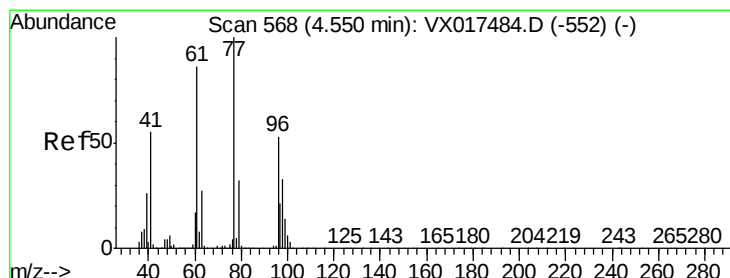
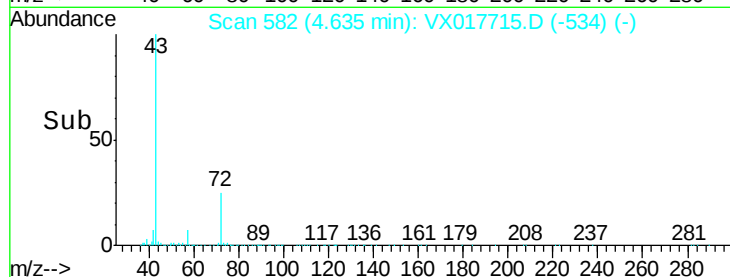
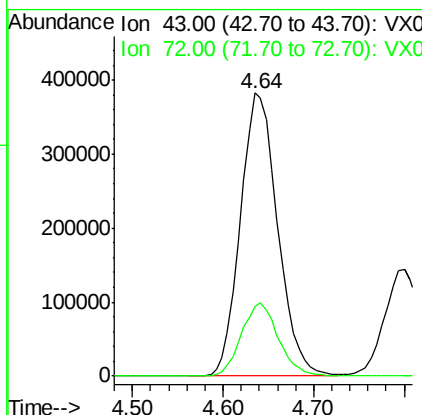
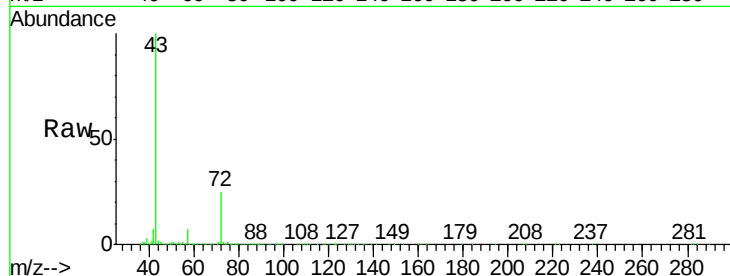
#25
2-Butanone
Concen: 339.454 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1084850
Ion Ratio Lower Upper
43 100
72 24.6 19.0 28.4

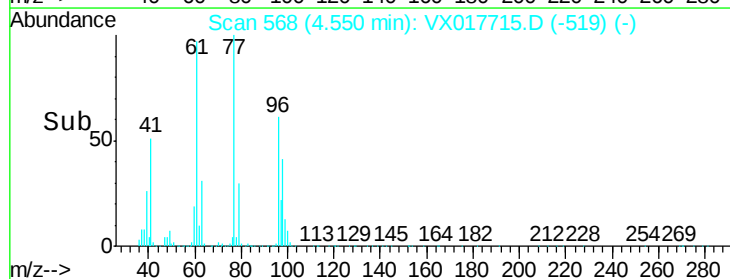
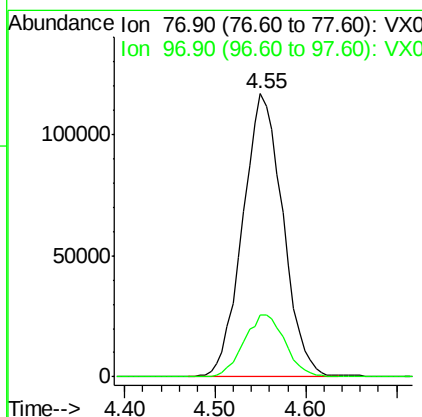
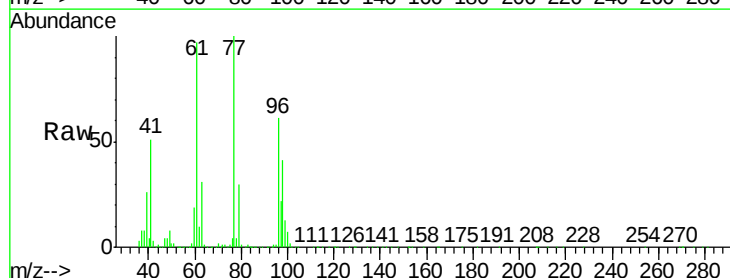
Manual Integrations
APPROVED

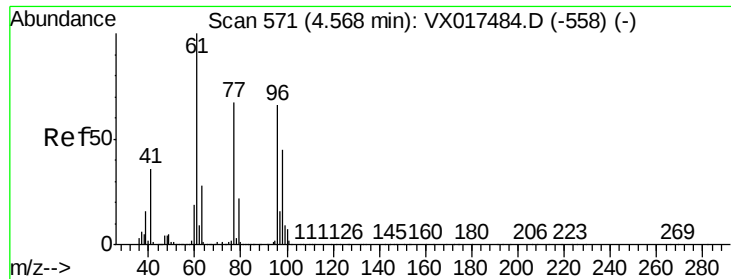
MMDadoda
8/3/2020 5:02:33 PM



#26
2,2-Dichloropropane
Concen: 50.562 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 77 Resp: 357762
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9





#27

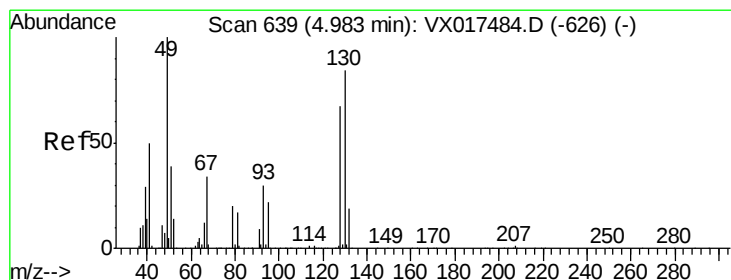
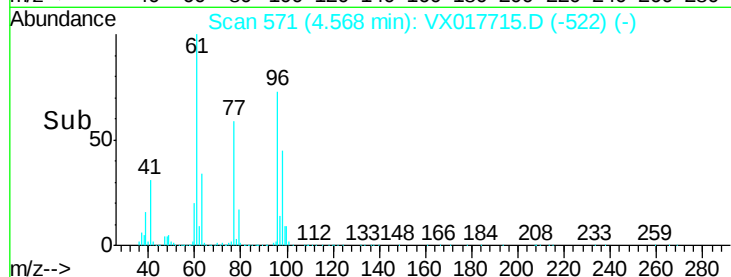
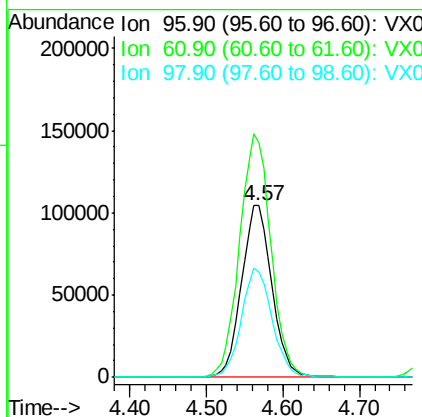
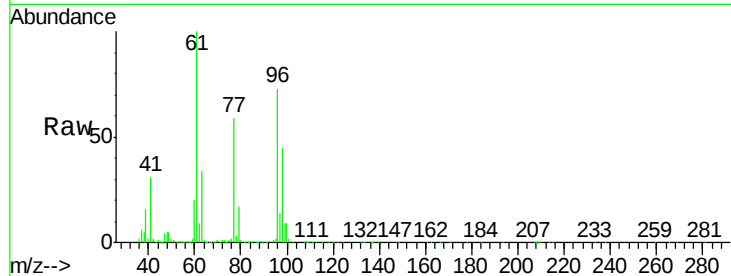
cis-1,2-Dichloroethene
Concen: 60.139 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	287599		
61	146.7	0.0	301.2	
98	64.3	0.0	130.0	

Manual Integrations
APPROVED

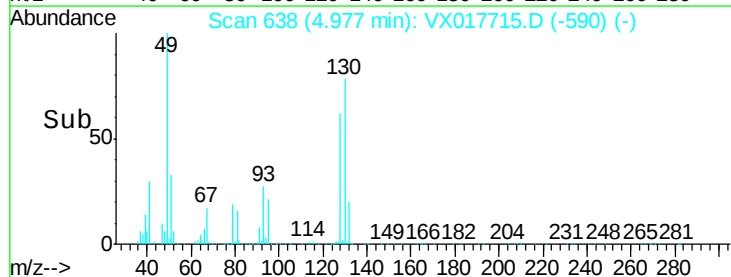
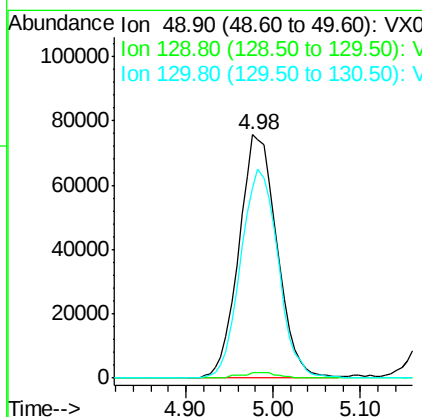
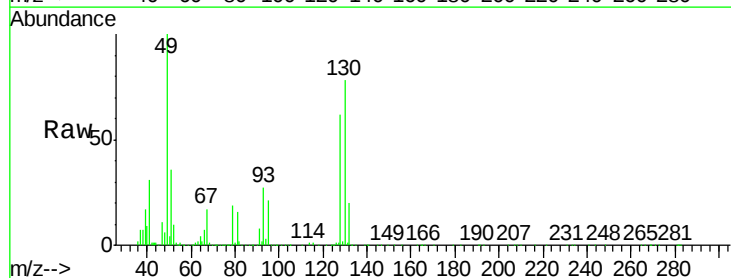
MMDadoda
8/3/2020 5:02:33 PM

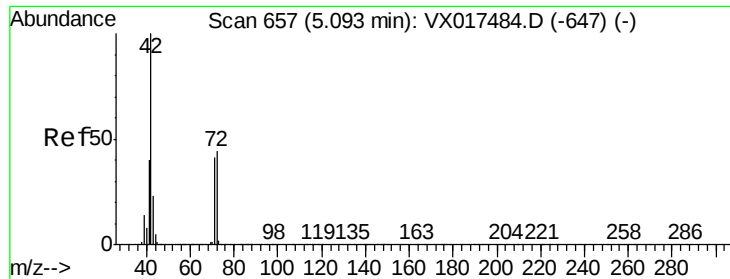


#28

Bromochloromethane
Concen: 63.659 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	228029		
129	2.3	0.0	4.6	
130	85.1	66.7	100.1	





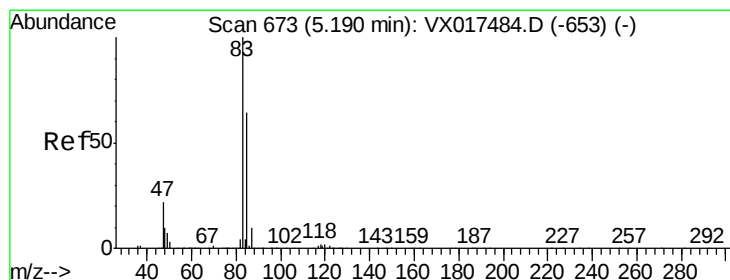
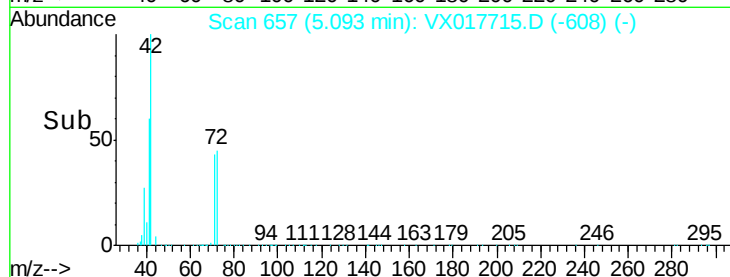
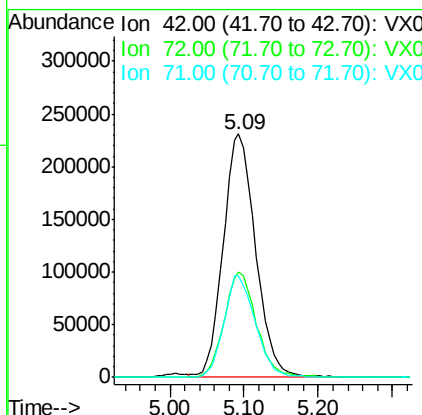
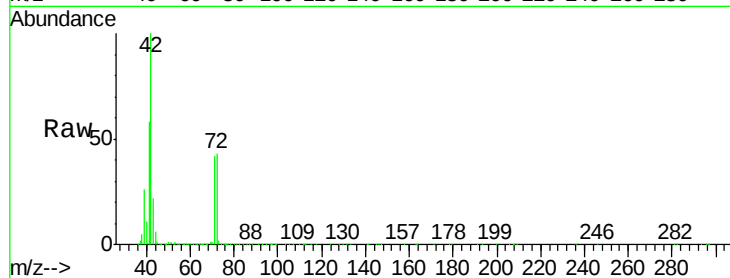
#29
Tetrahydrofuran
Concen: 352.286 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.5	53.3
71	40.7	33.0	49.4

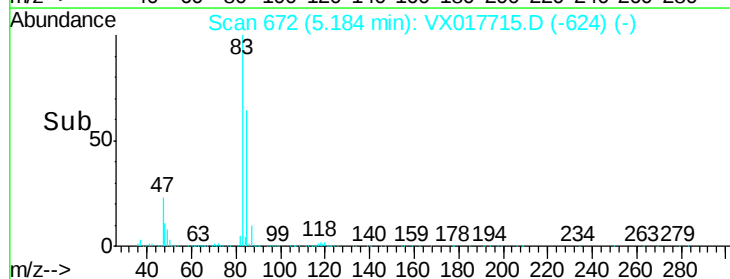
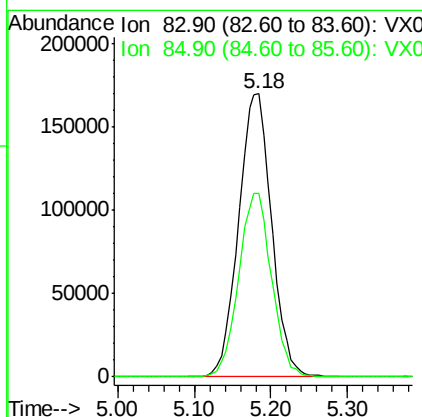
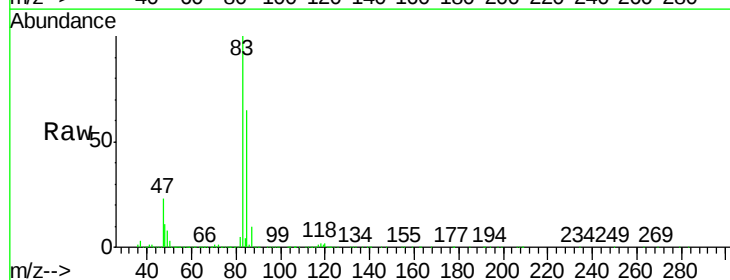
Manual Integrations
APPROVED

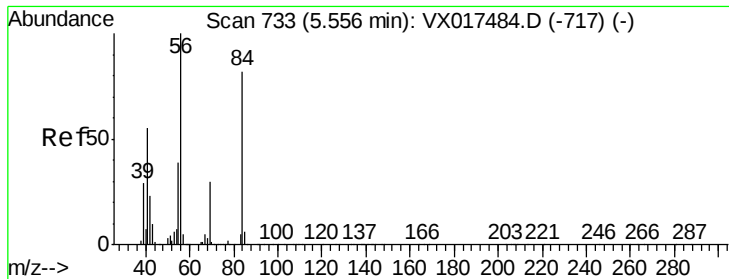
MMDadoda
8/3/2020 5:02:33 PM



#30
Chloroform
Concen: 63.189 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.2





#31

Cyclohexane

Concen: 35.727 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

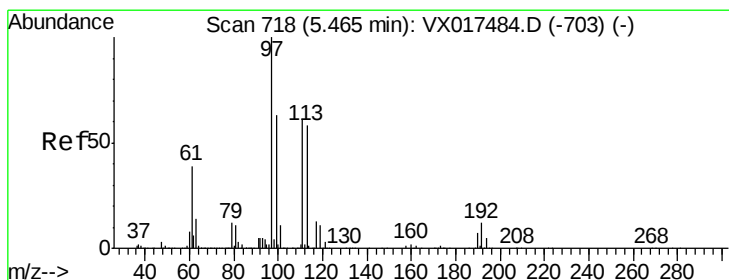
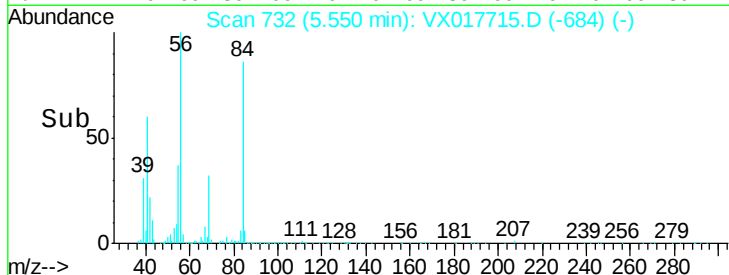
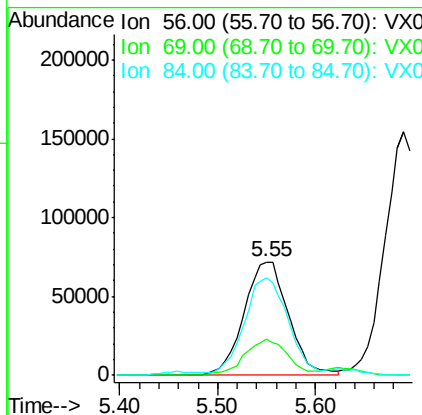
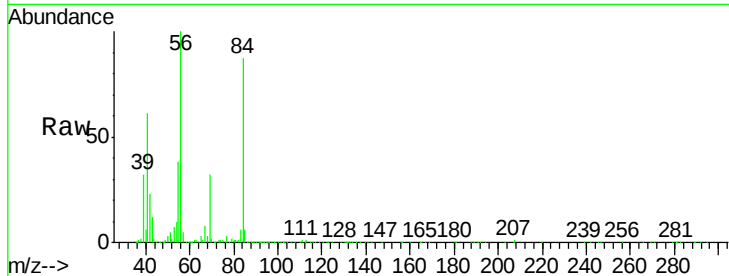
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.7	24.2	36.4	
84	84.5	69.0	103.6	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.807 ug/l

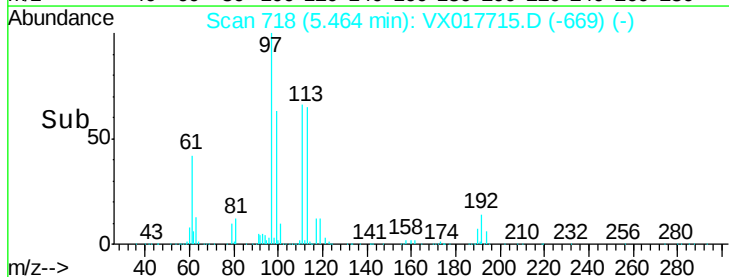
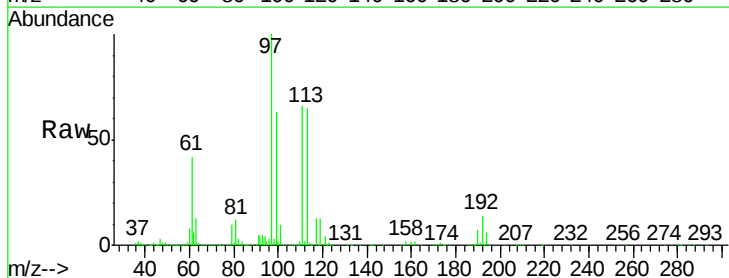
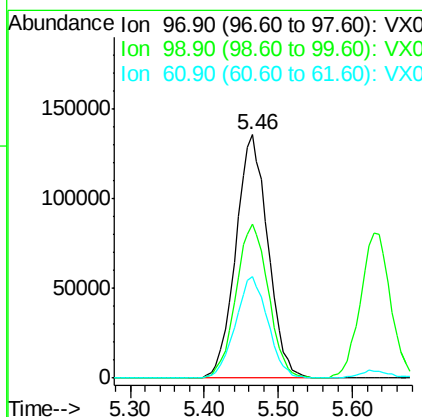
RT: 5.46 min Scan# 718

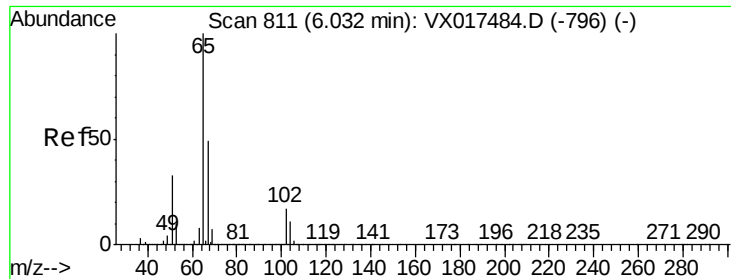
Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.9	77.9	
61	42.0	34.1	51.1	





#33

1,2-Dichloroethane-d4

Concen: 64.963 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 332044

Ion Ratio Lower Upper

65 100

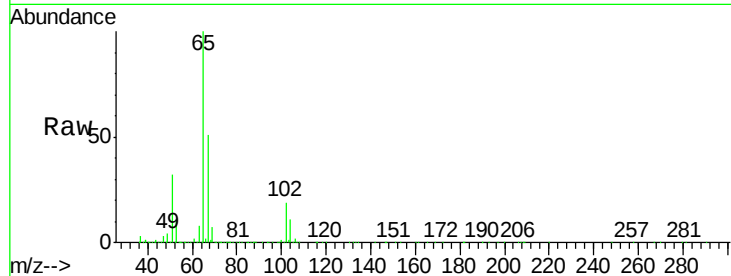
67 50.1 0.0 102.8

Manual Integrations

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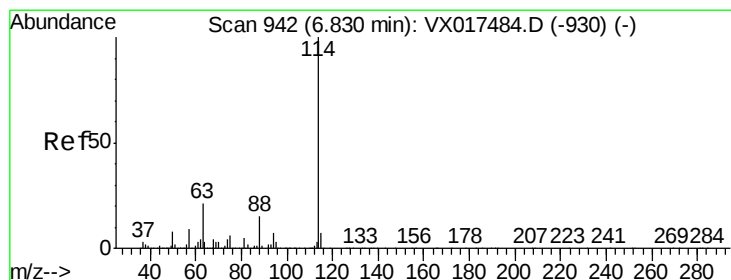
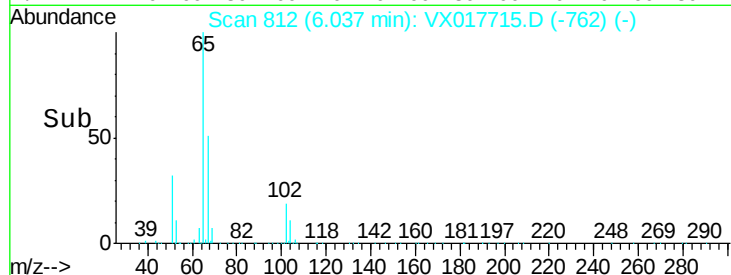
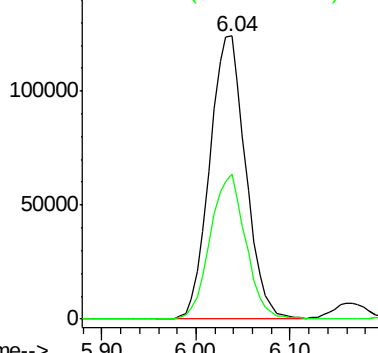
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

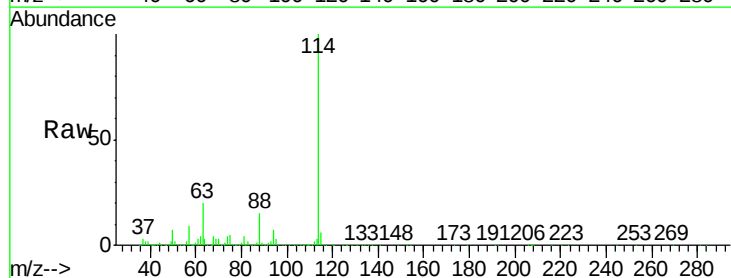
Tgt Ion: 114 Resp: 693820

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

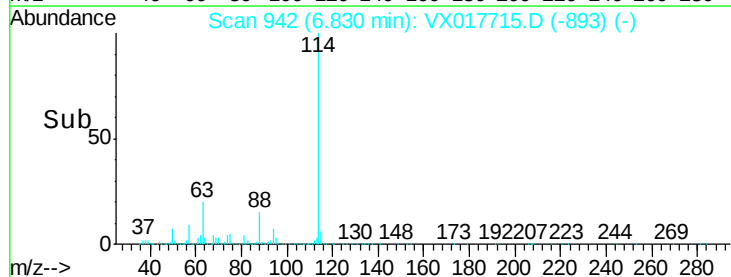
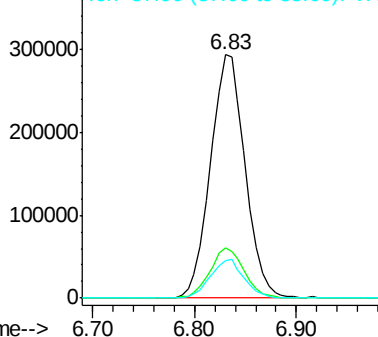
88 15.3 0.0 33.4

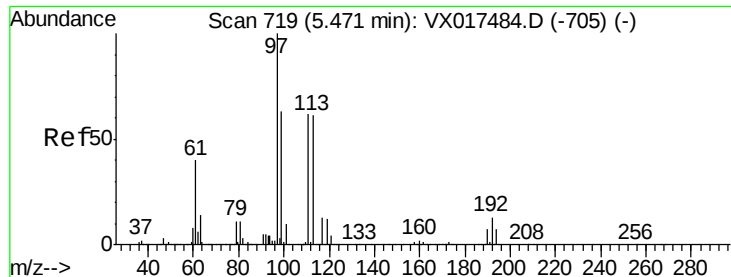


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





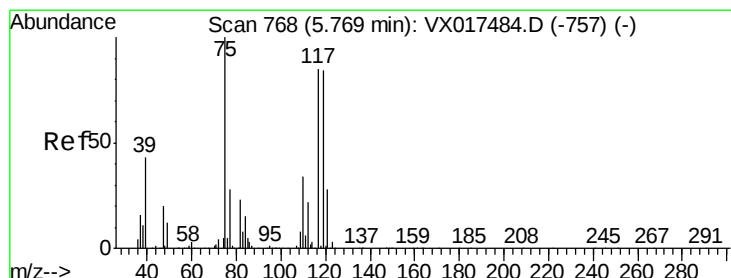
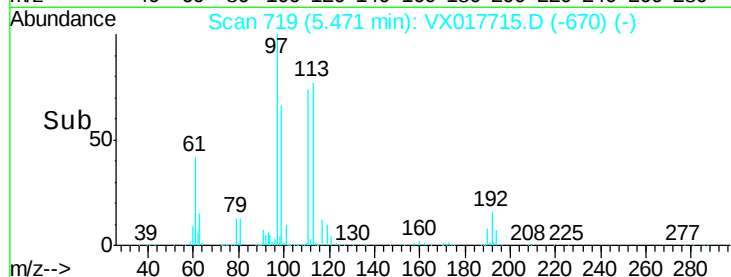
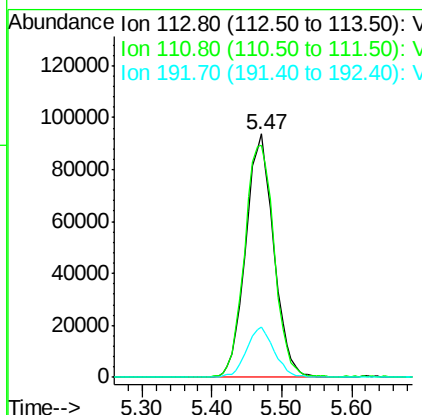
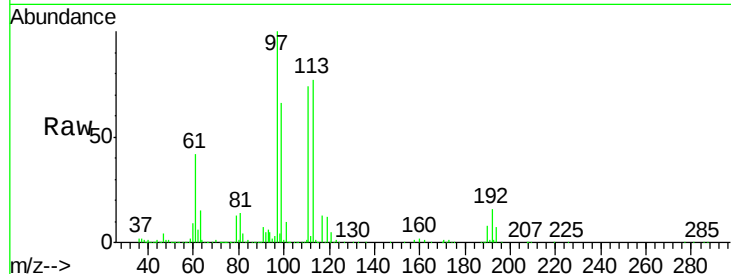
#35
 Dibromofluoromethane
 Concen: 56.248 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	261006		
111	100.8	80.7	121.1	
192	20.3	16.9	25.3	

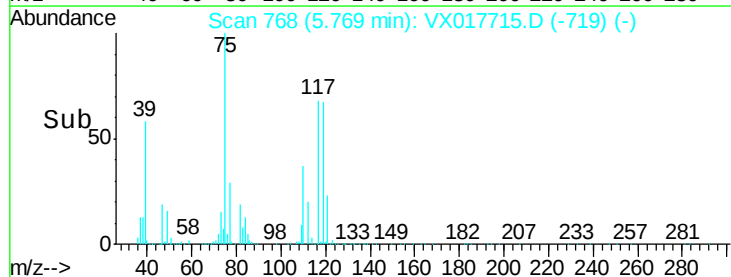
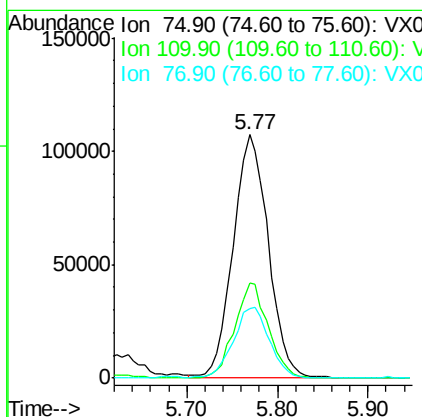
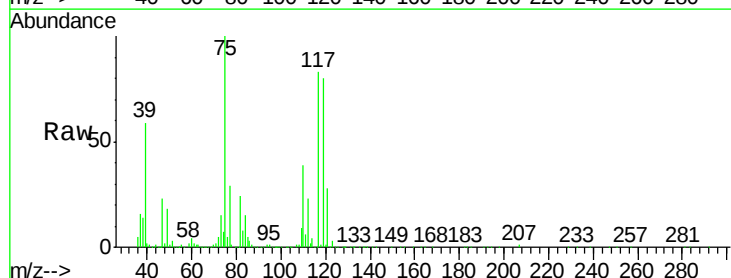
Manual Integrations
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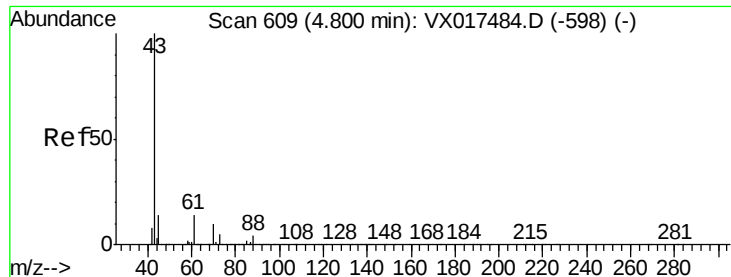
MMDadoda
 8/3/2020 5:02:33 PM



#36
 1,1-Dichloropropene
 Concen: 43.281 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	288008		
110	37.5	18.1	54.3	
77	29.3	24.6	37.0	





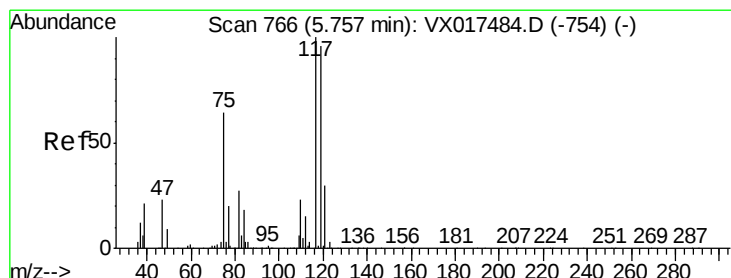
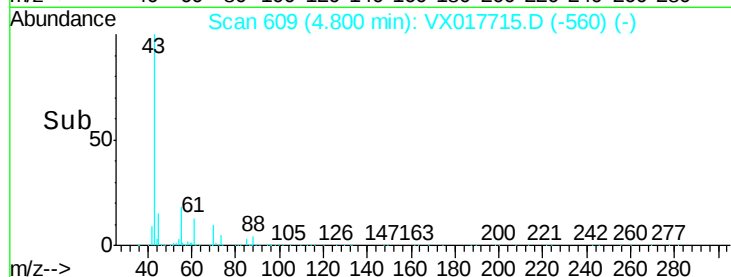
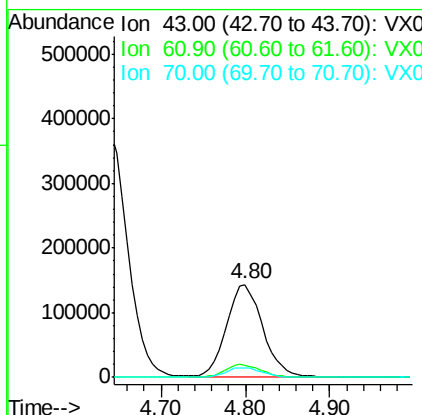
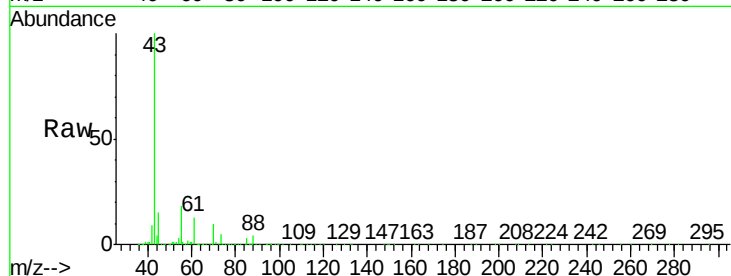
#37
Ethyl Acetate
Concen: 57.527 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.9	8.5	12.7

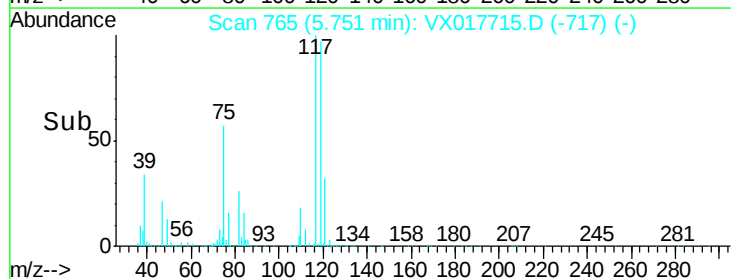
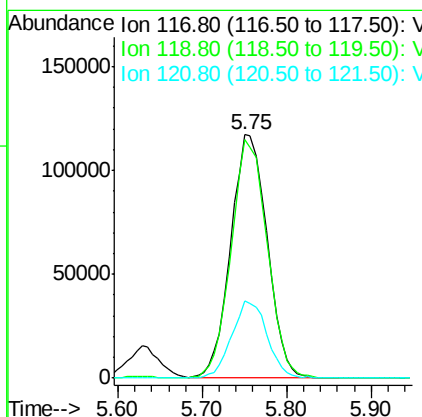
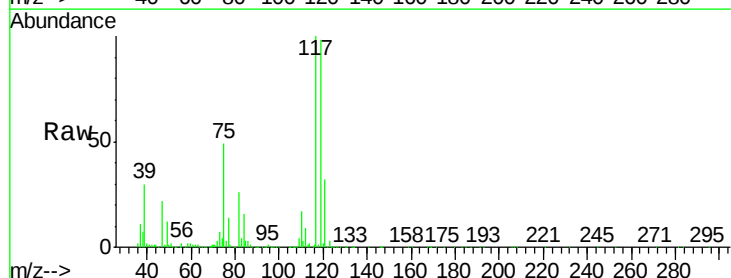
Manual Integrations
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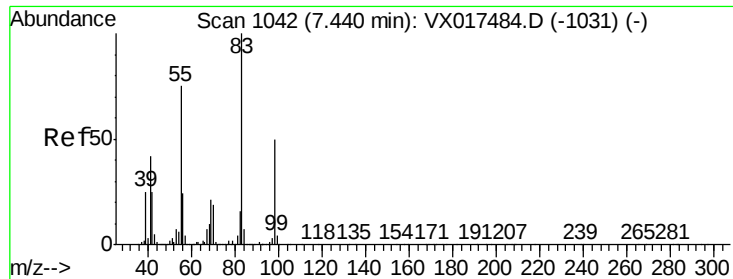
MMDadoda
8/3/2020 5:02:33 PM



#38
Carbon Tetrachloride
Concen: 42.581 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.4	113.0
121	31.8	24.3	36.5





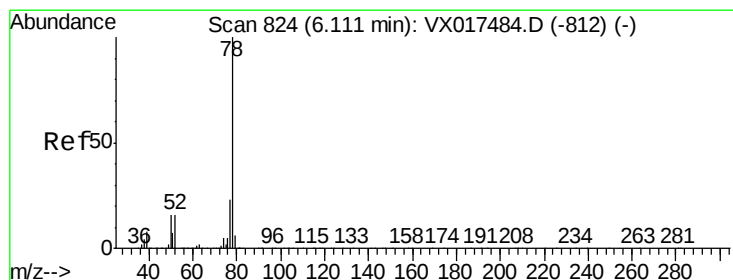
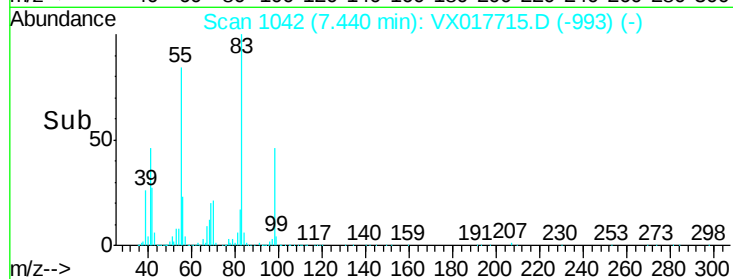
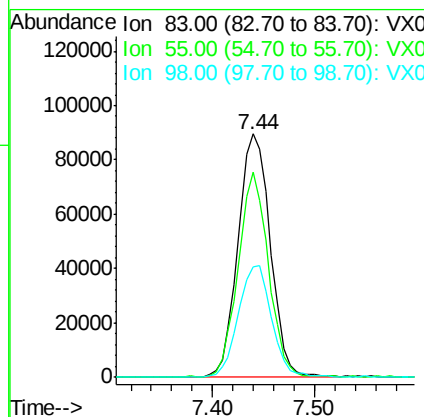
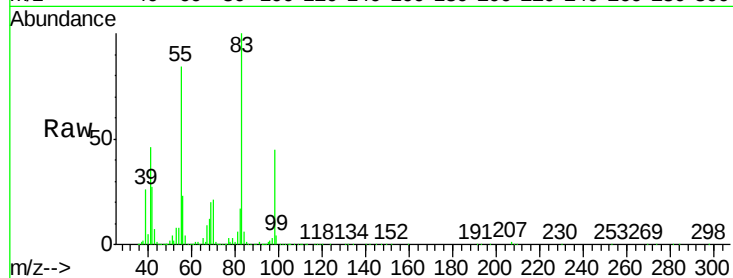
#39
Methvlcvclohexane
Concen: 25.275 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.1	61.8	92.8
98	45.4	36.9	55.3

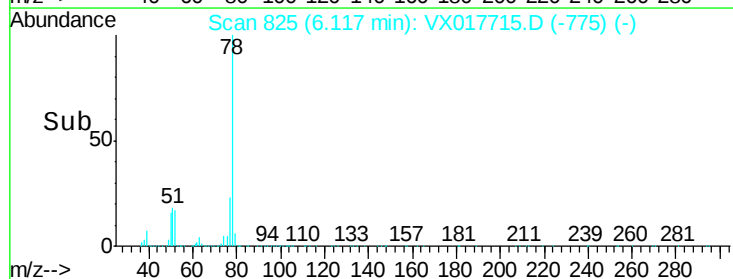
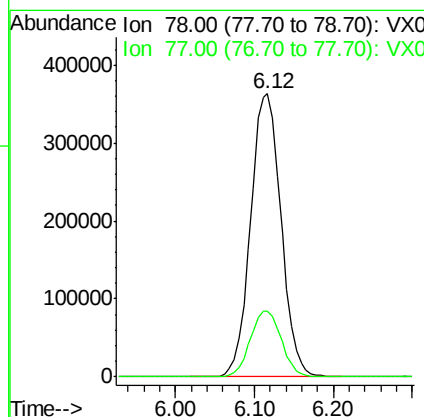
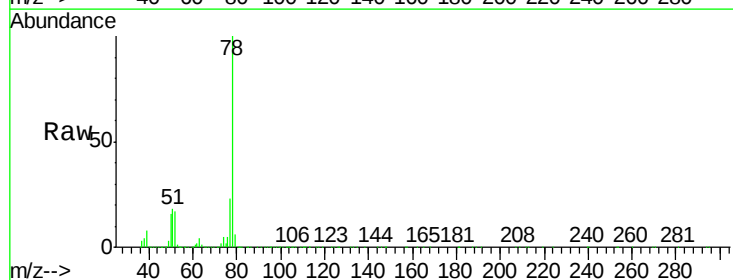
Manual Integrations
APPROVED

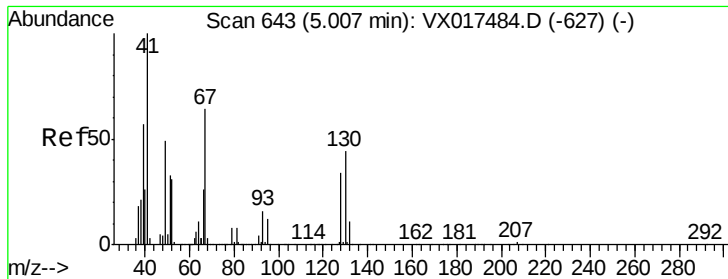
MMDadoda
8/3/2020 5:02:33 PM



#40
Benzene
Concen: 50.893 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.2





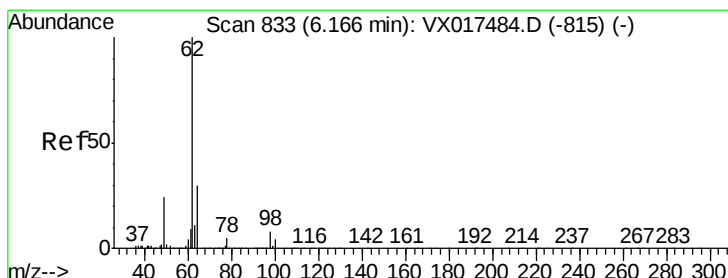
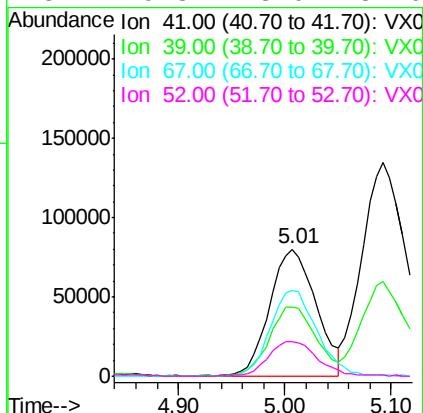
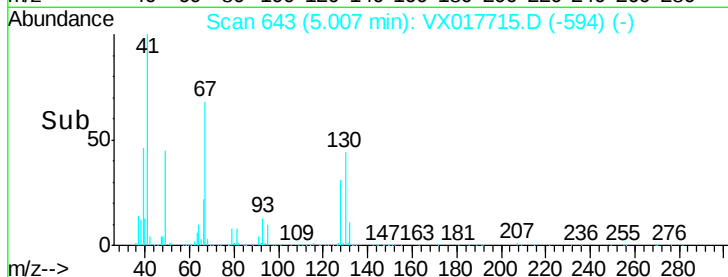
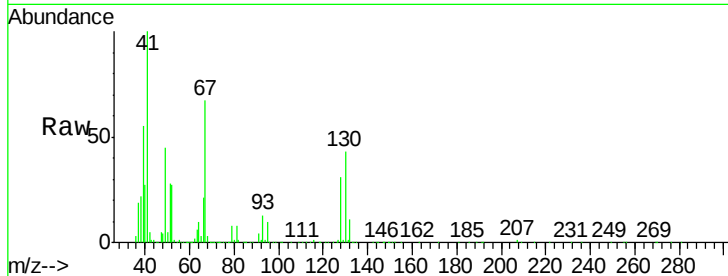
#41
Methacrylonitrile
Concen: 57.548 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.9	65.9	
67	69.0	54.0	81.0	
52	29.3	23.0	34.6	

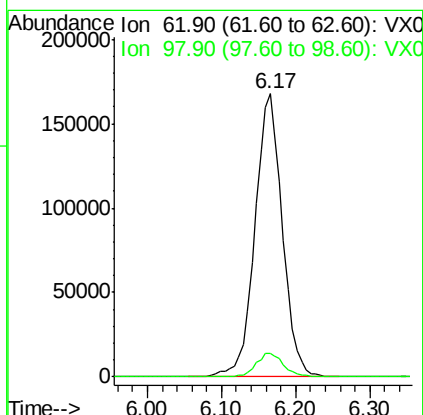
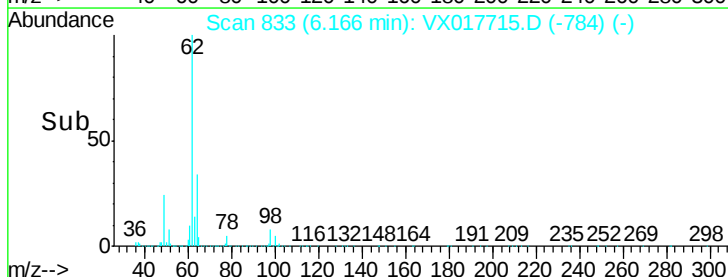
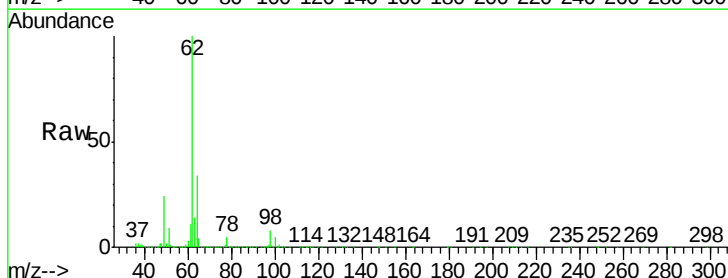
Manual Integrations
APPROVED

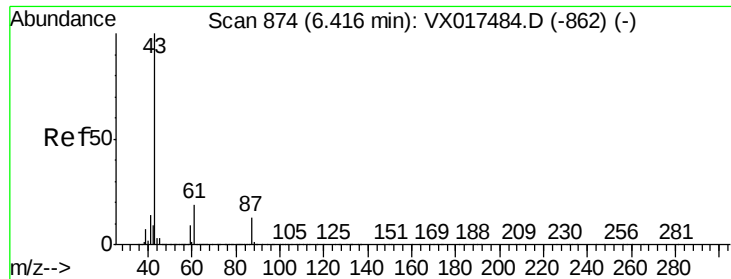
MMDadoda
8/3/2020 5:02:33 PM



#42
1,2-Dichloroethane
Concen: 55.057 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.0	





#43

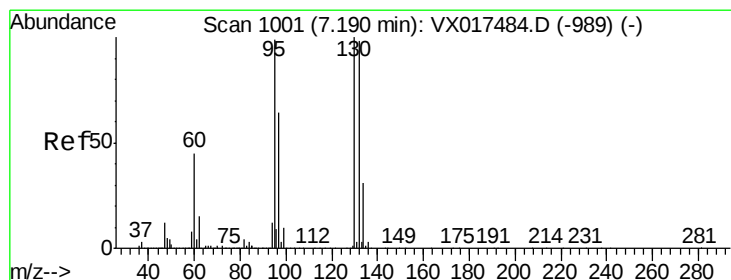
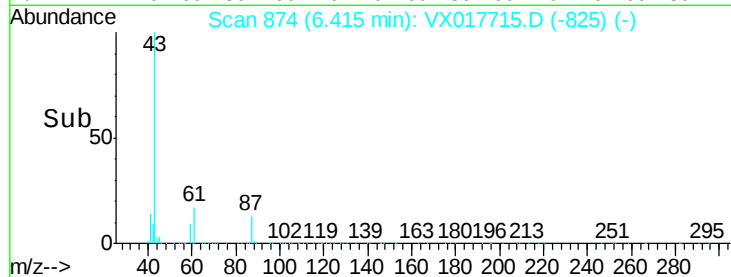
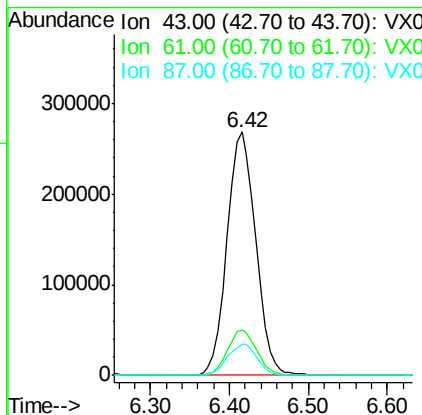
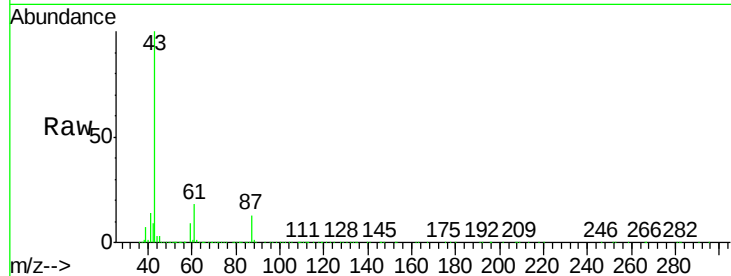
Isopropyl Acetate
 Concen: 56.331 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.5	23.3
87	13.3	10.5	15.7

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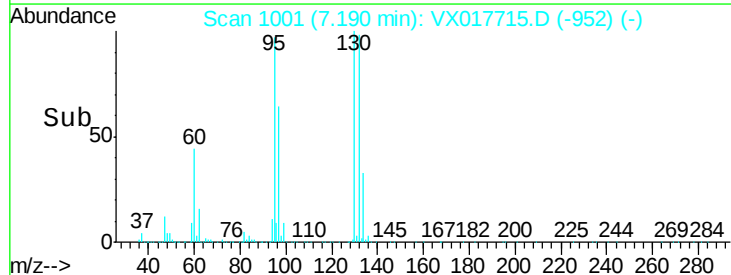
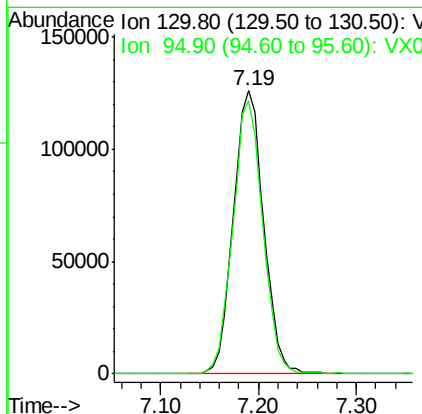
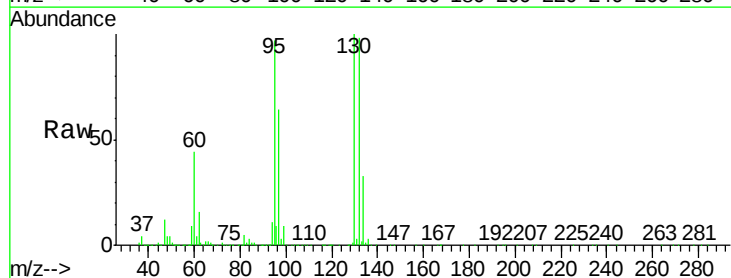
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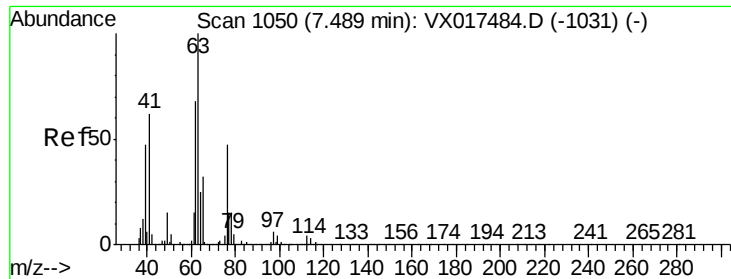


#44

Trichloroethene
 Concen: 48.578 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	189.0





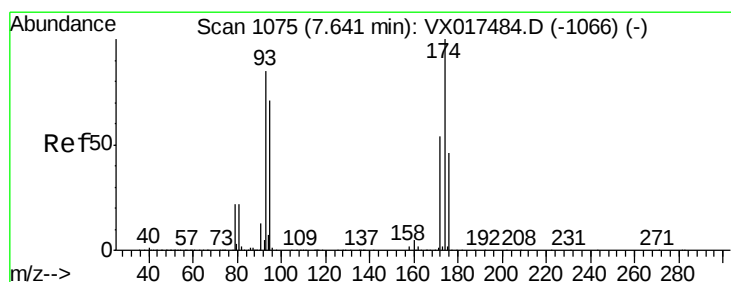
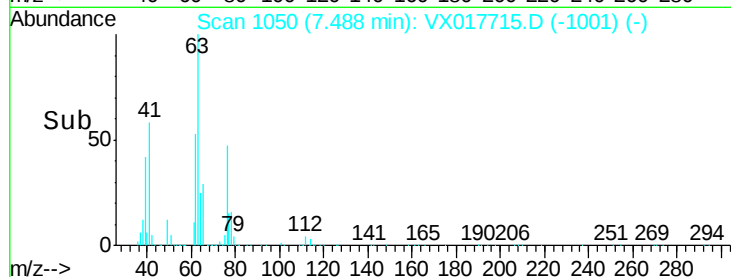
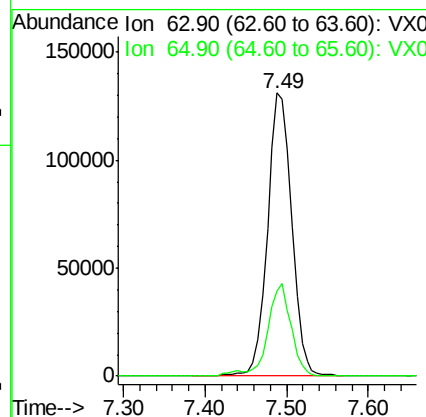
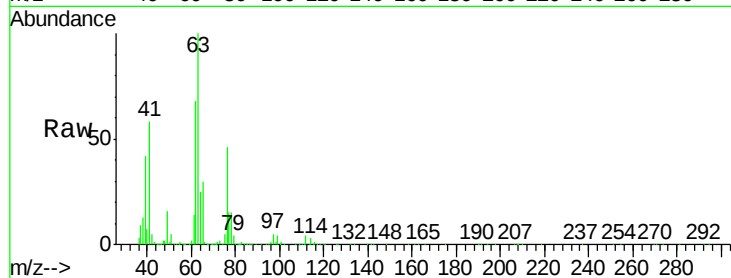
#45
 1,2-Dichloropropane
 Concen: 51.198 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.5	36.7

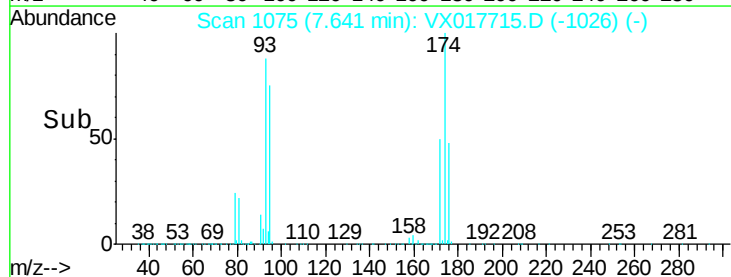
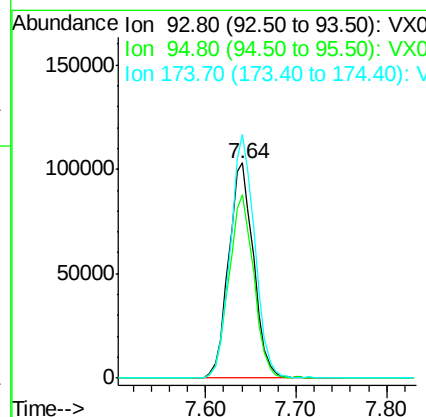
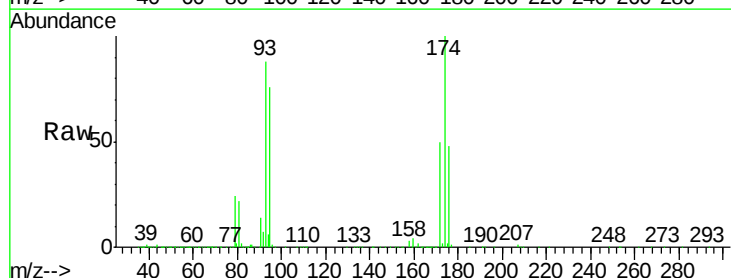
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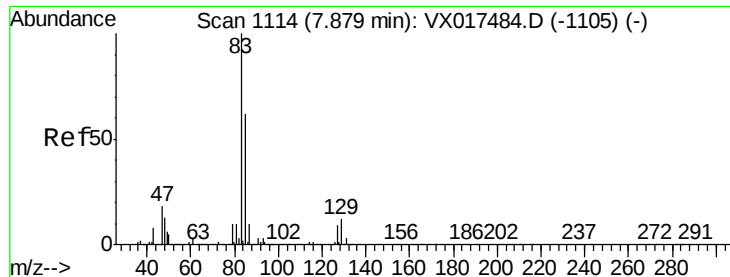
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#46
 Dibromomethane
 Concen: 53.249 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.6	99.8
174	111.2	87.0	130.6





#47

Bromodichloromethane

Concen: 54.245 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

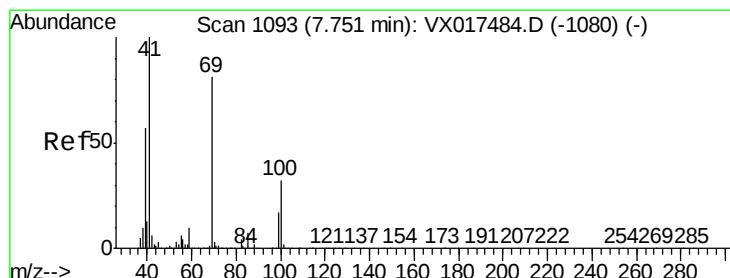
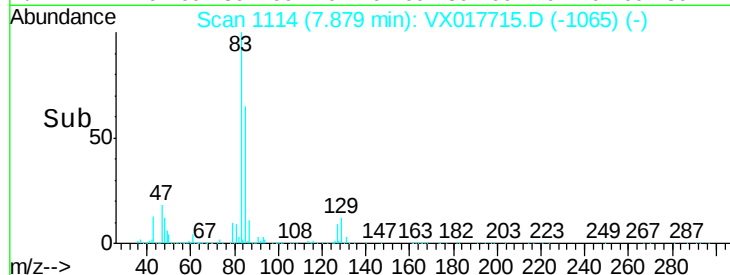
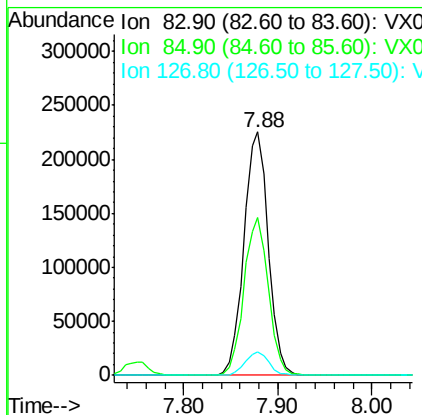
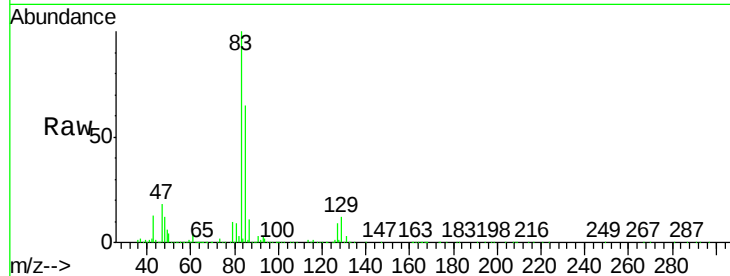
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	407948
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.8	77.8
127	9.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.581 ug/l

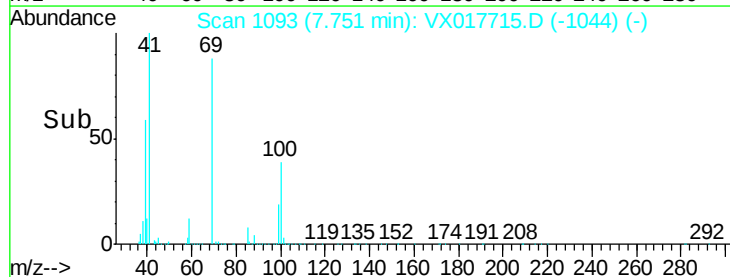
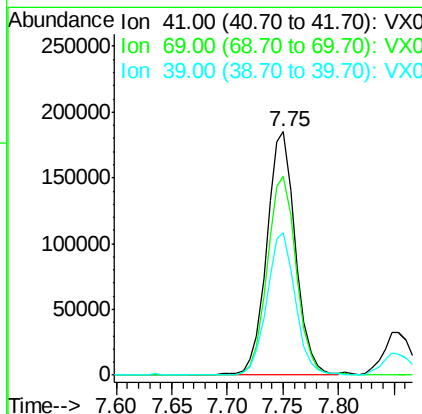
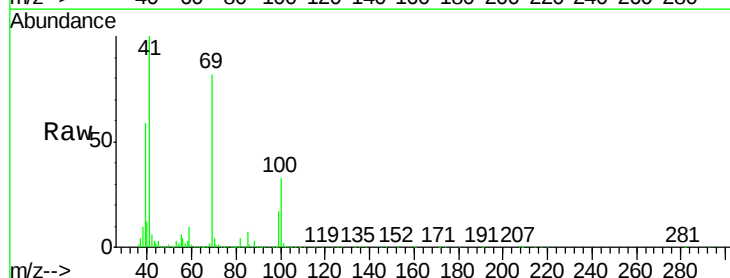
RT: 7.75 min Scan# 1093

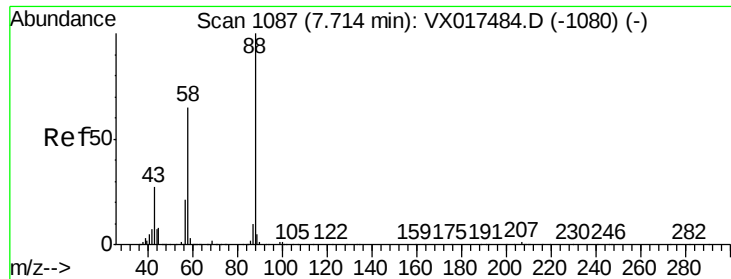
Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion:	41	Resp:	330973
Ion Ratio	Lower	Upper	
41	100		
69	82.5	63.1	94.7
39	57.8	45.1	67.7





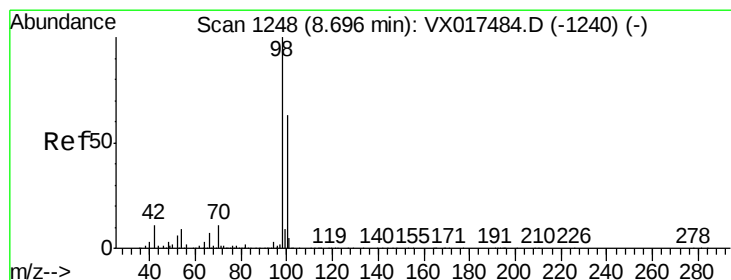
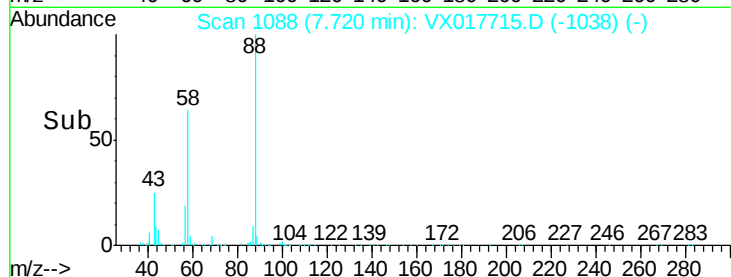
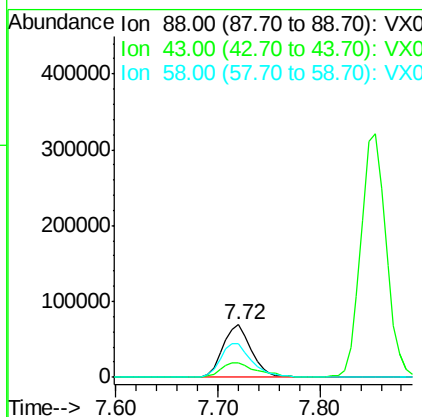
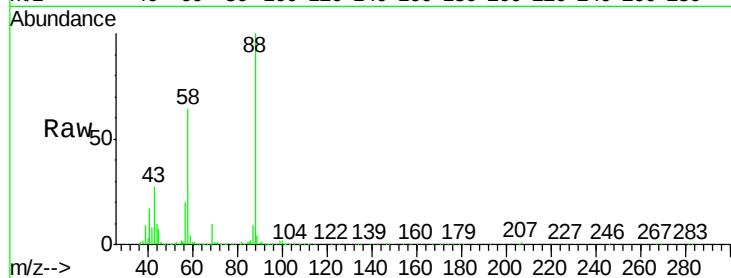
#49
1,4-Dioxane
Concen: 1175.420 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.8	41.6
58	70.5	58.3	87.5

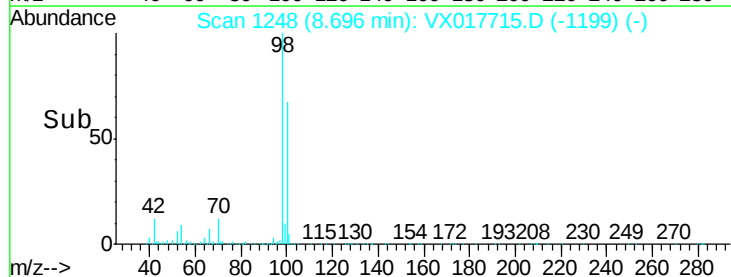
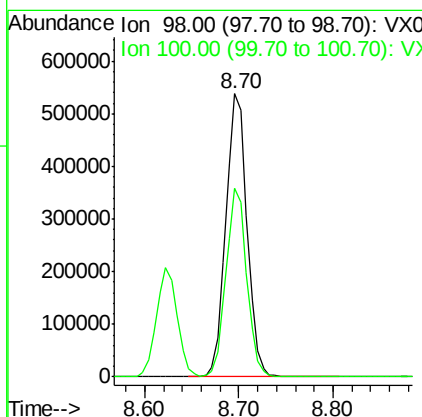
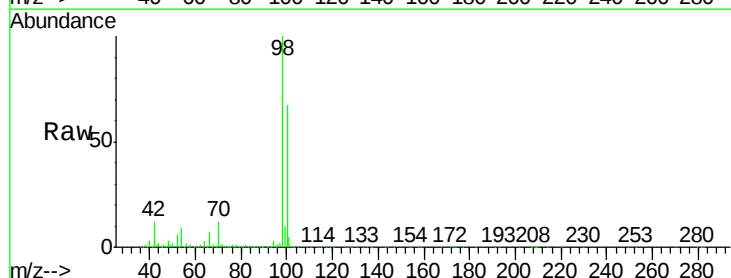
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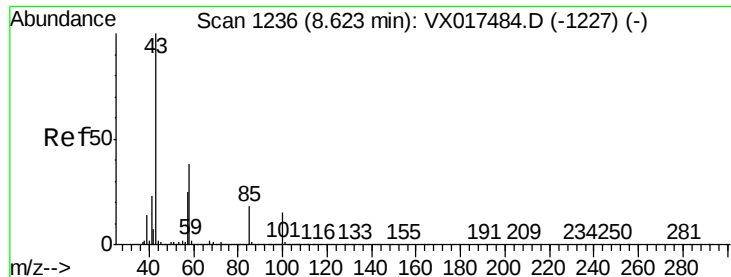
MMDadoda
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#50
Toluene-d8
Concen: 50.133 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 294.501 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2110905

Ion Ratio Lower Upper

43 100

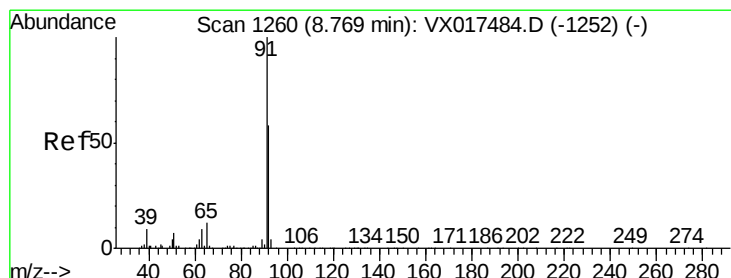
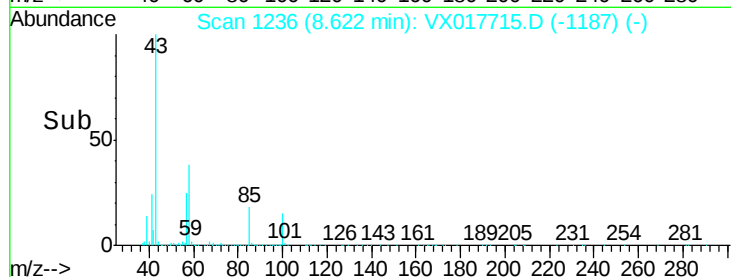
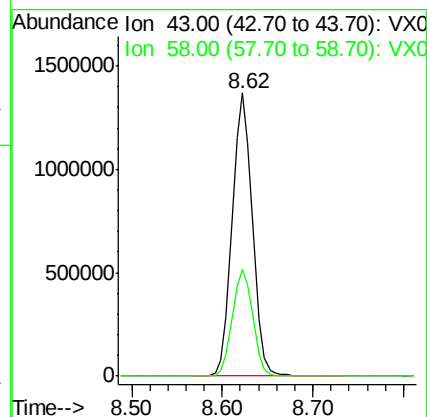
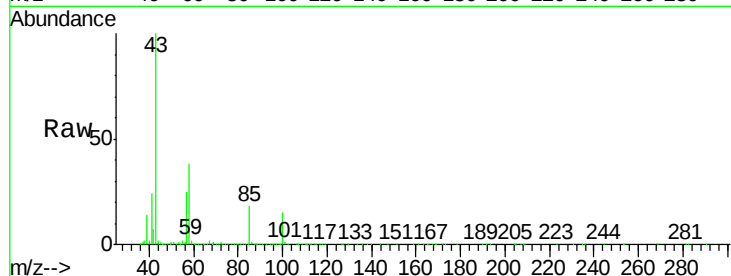
58 38.1 31.0 46.4

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#52

Toluene

Concen: 50.216 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017715.D

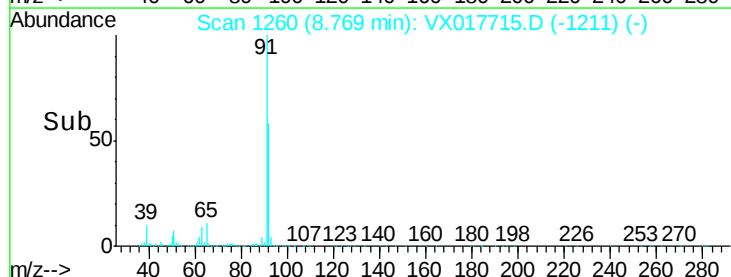
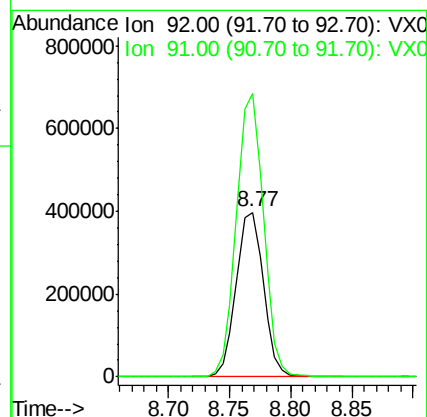
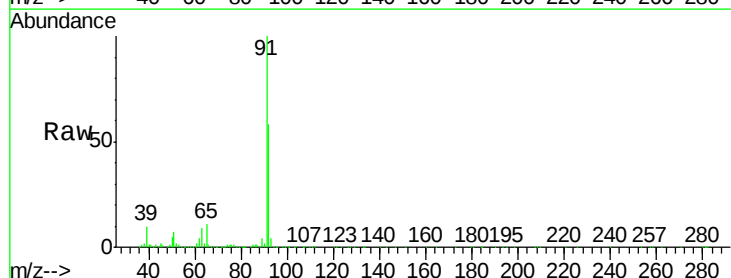
Acq: 31 Jul 2020 21:11

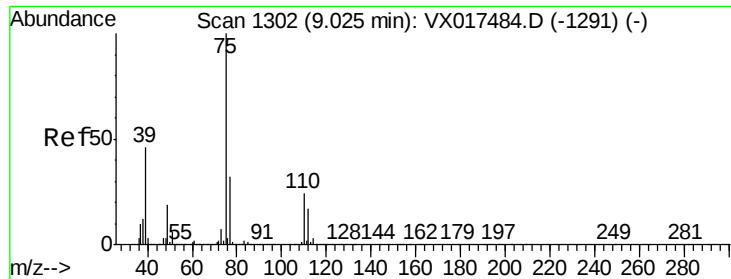
Tgt Ion: 92 Resp: 614386

Ion Ratio Lower Upper

92 100

91 170.7 137.6 206.4





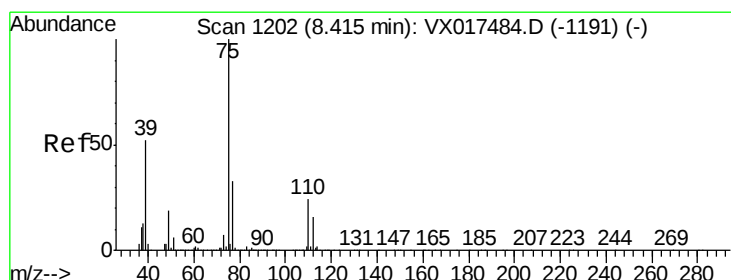
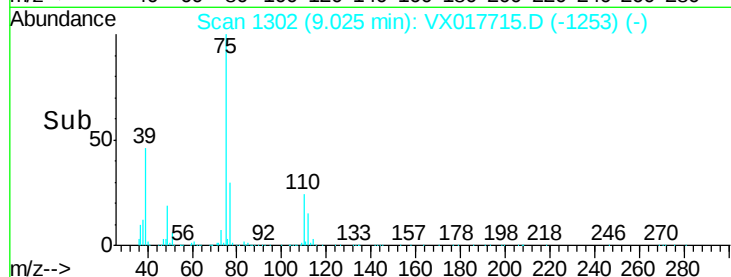
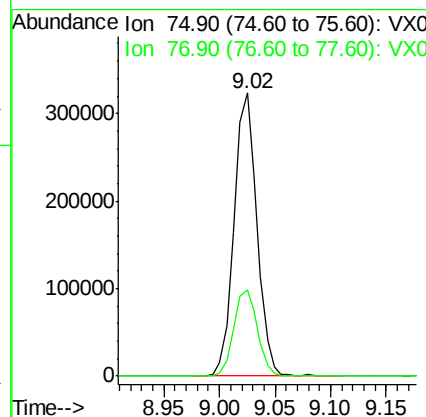
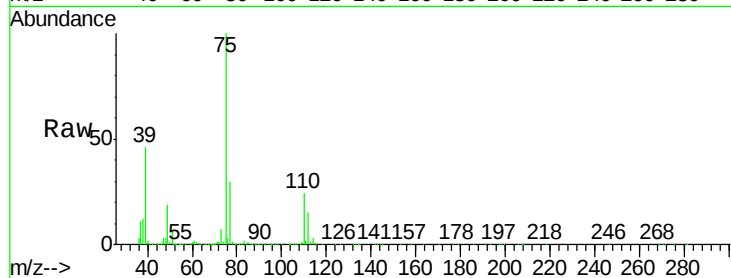
#53
t-1,3-Dichloropropene
Concen: 54.614 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.5	38.3

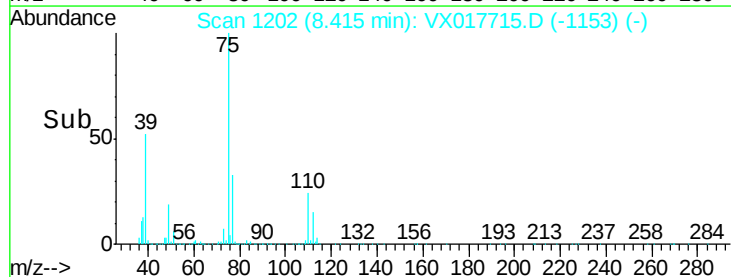
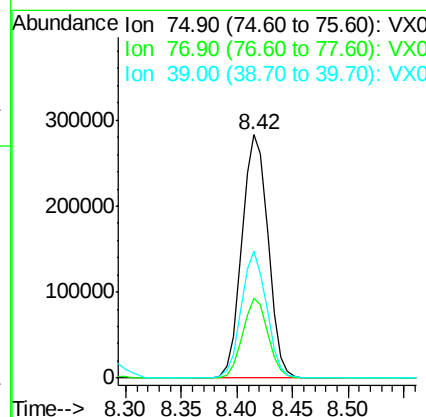
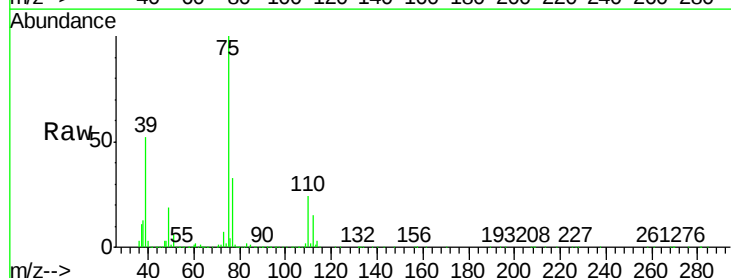
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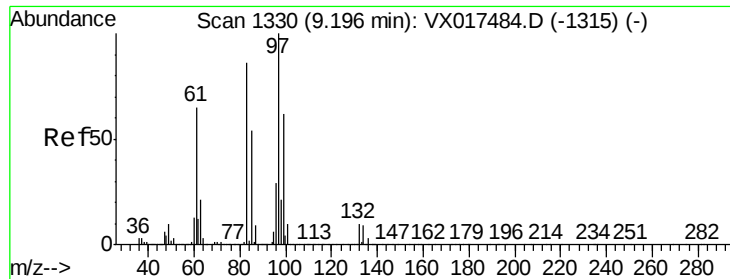
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#54
cis-1,3-Dichloropropene
Concen: 53.808 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3
39	52.0	41.8	62.8





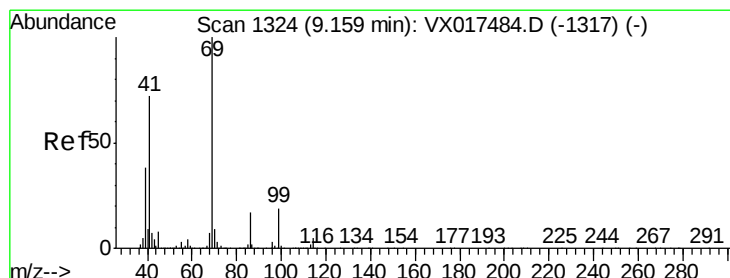
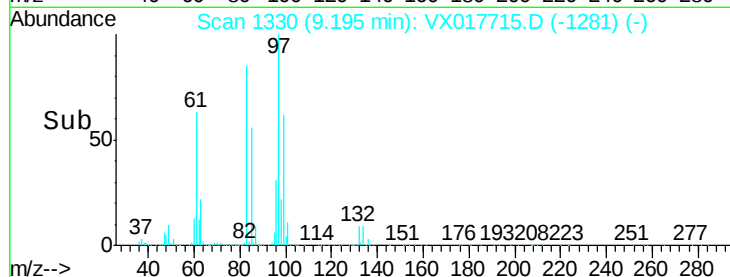
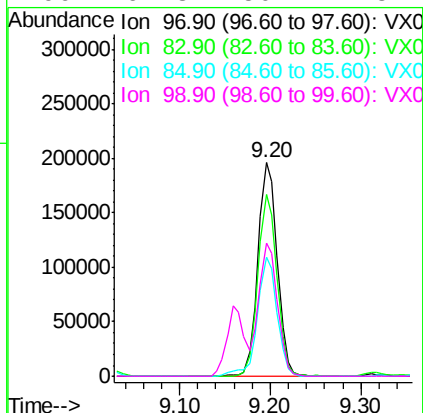
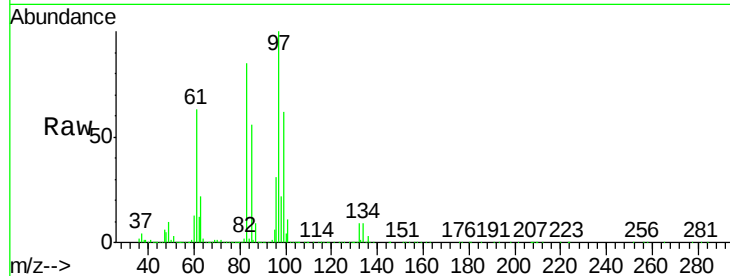
#55
 1,1,2-Trichloroethane
 Concen: 56.804 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		289518		
83	85.1	67.6	101.4		
85	55.7	44.6	67.0		
99	62.3	50.2	75.4		

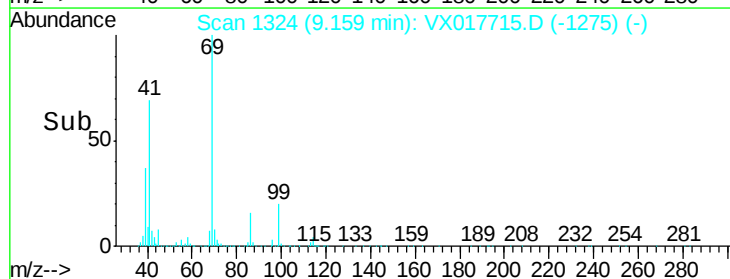
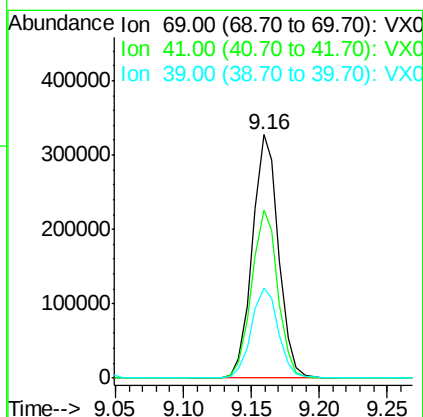
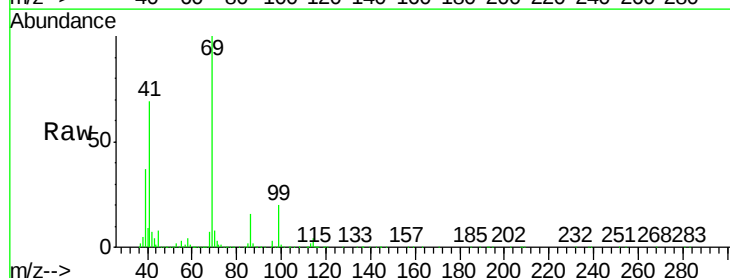
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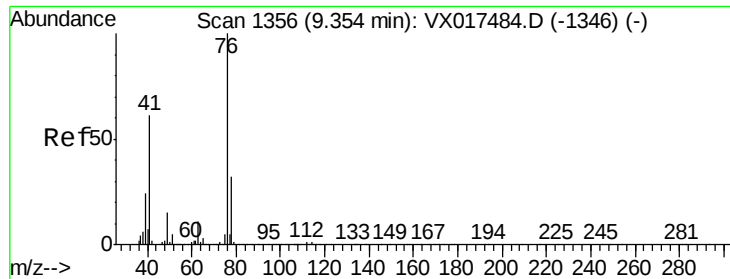
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#56
 Ethyl methacrylate
 Concen: 57.541 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		441839		
41	69.0	55.0	82.6		
39	38.3	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 55.905 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 469176

Ion Ratio Lower Upper

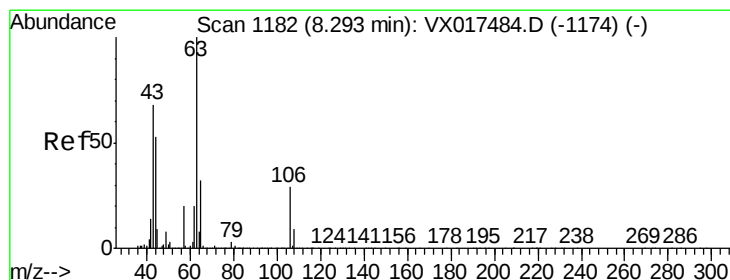
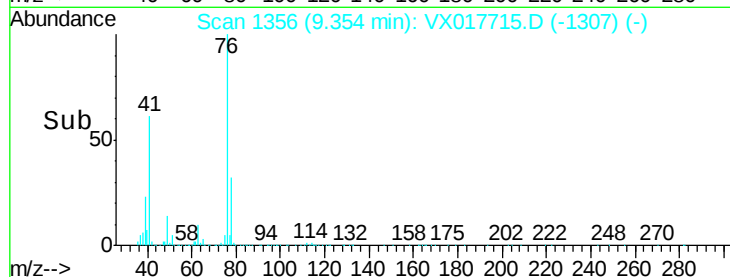
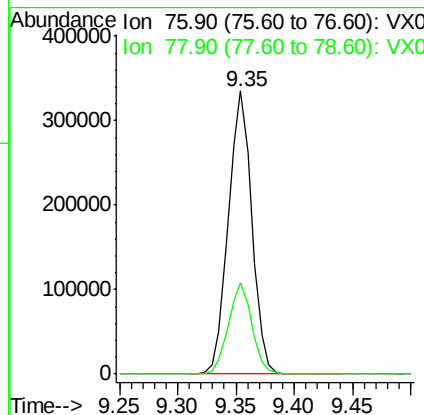
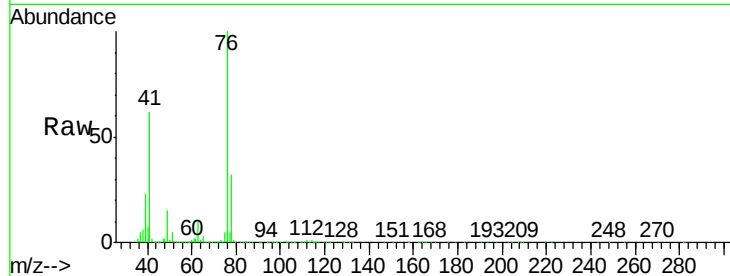
76 100

78 32.3 25.8 38.8

Manual Integrations
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8/3/2020 5:02:33 PM



#58

2-Chloroethyl Vinyl ether

Concen: 267.999 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017715.D

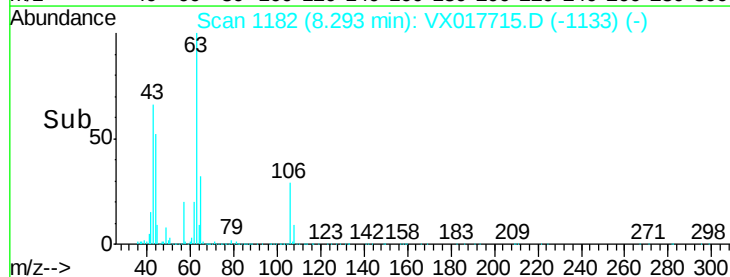
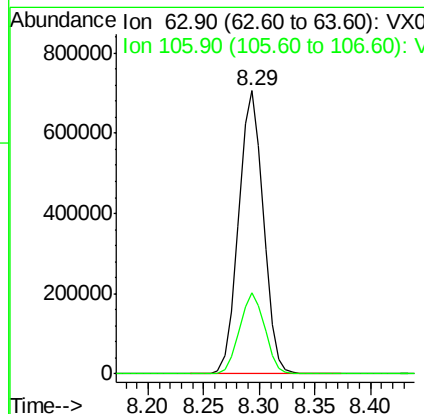
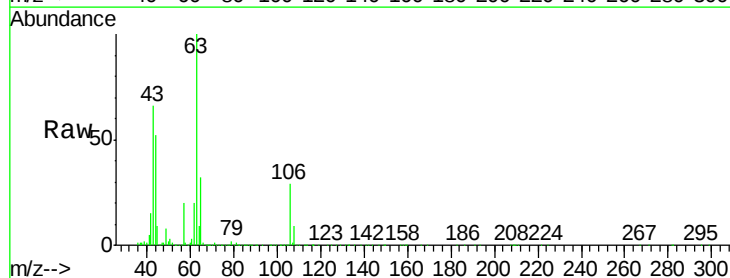
Acq: 31 Jul 2020 21:11

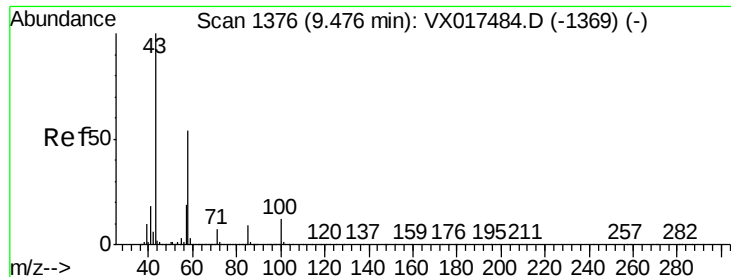
Tgt Ion: 63 Resp: 1084185

Ion Ratio Lower Upper

63 100

106 29.2 22.6 34.0





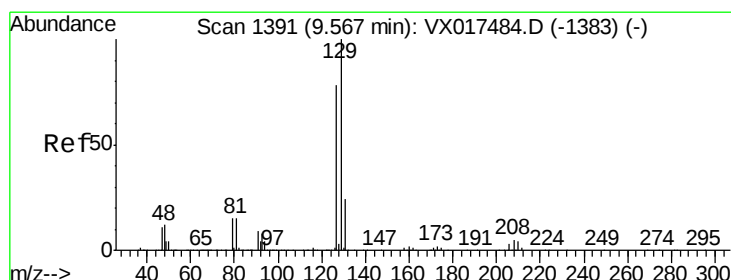
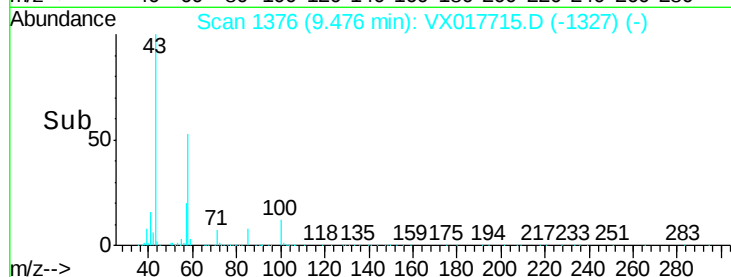
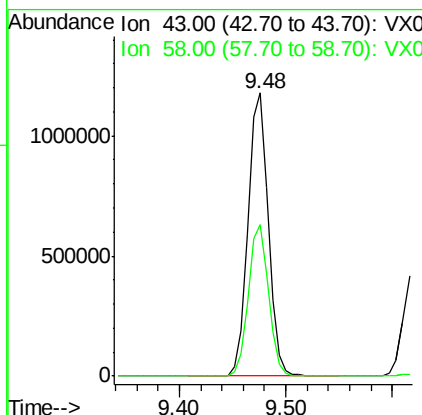
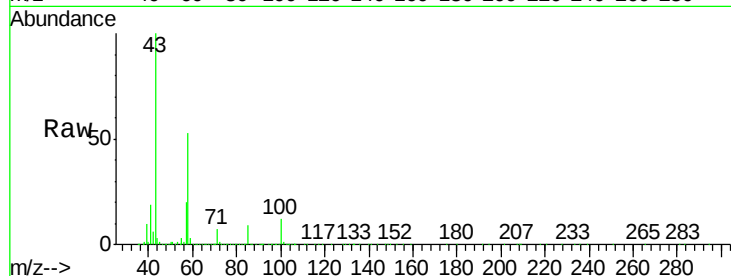
#59
2-Hexanone
Concen: 292.014 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1575853
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.8

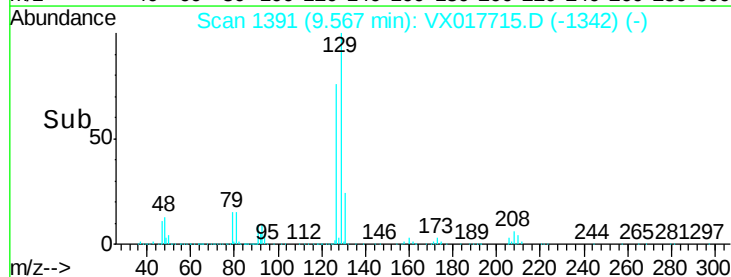
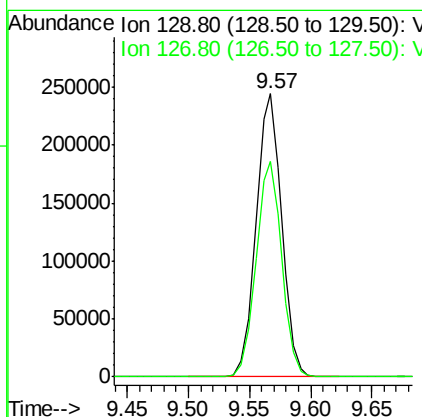
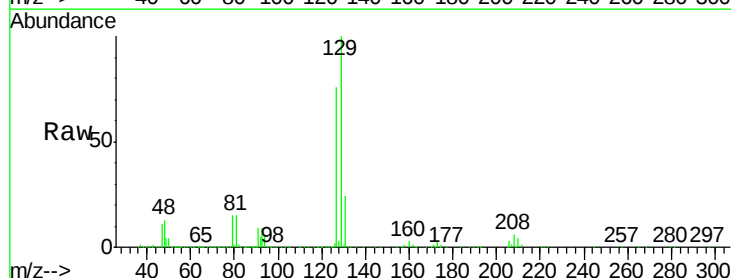
Manual Integrations
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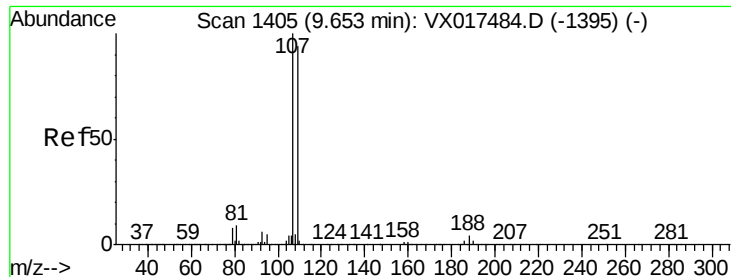
MMDadoda
8/3/2020 5:02:33 PM



#60
Dibromochloromethane
Concen: 55.127 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 129 Resp: 357118
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.1





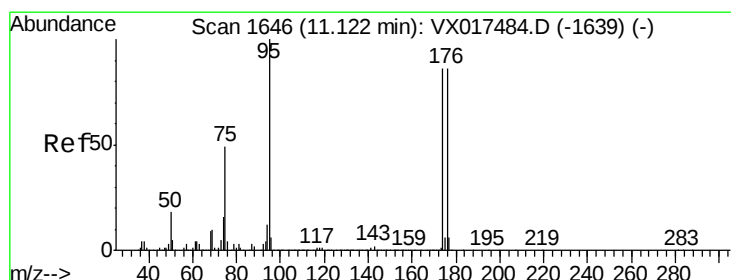
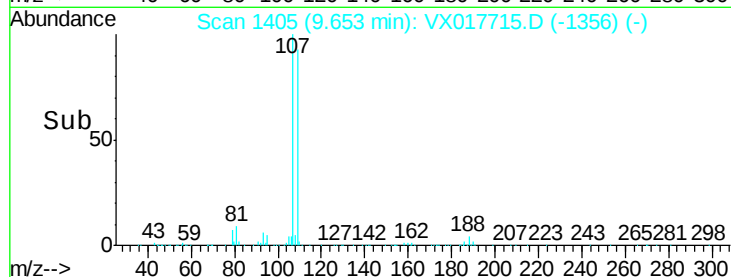
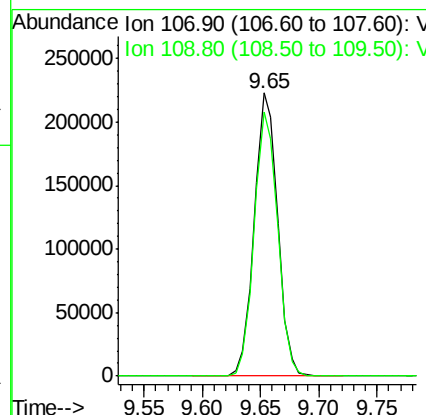
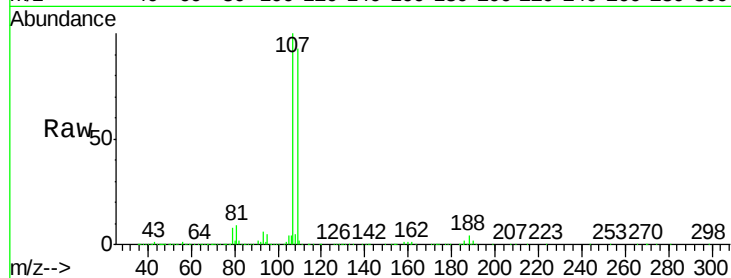
#61
 1,2-Dibromoethane
 Concen: 57.734 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.9	112.3

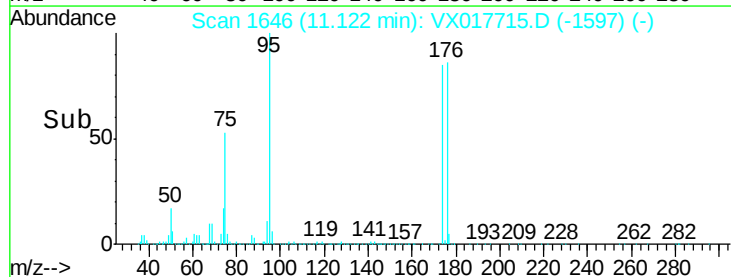
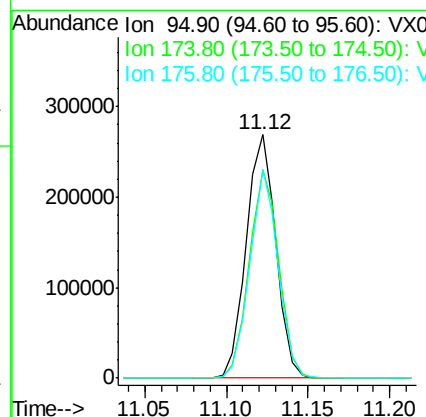
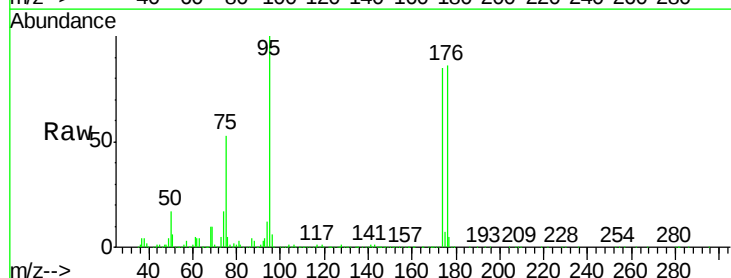
Manual Integrations
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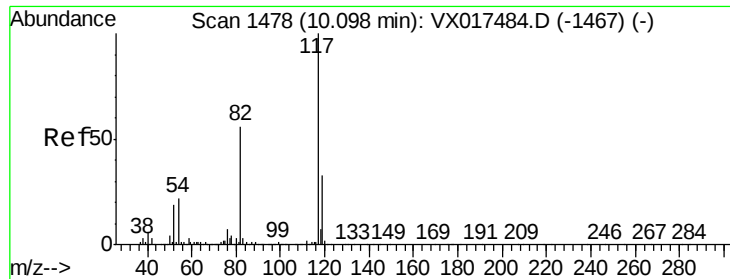
MMDadoda
 8/3/2020 5:02:33 PM



#62
 4-Bromofluorobenzene
 Concen: 50.906 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	169.0
176	82.0	0.0	161.0





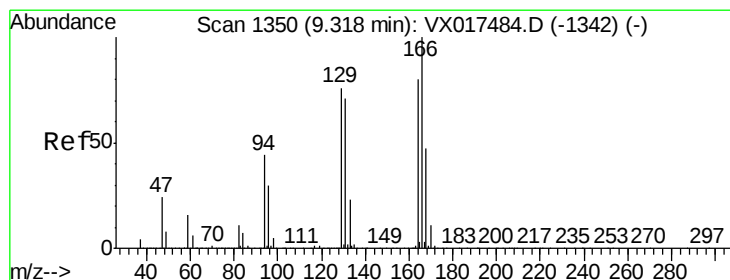
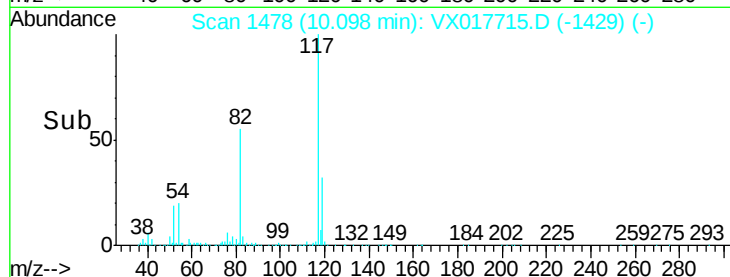
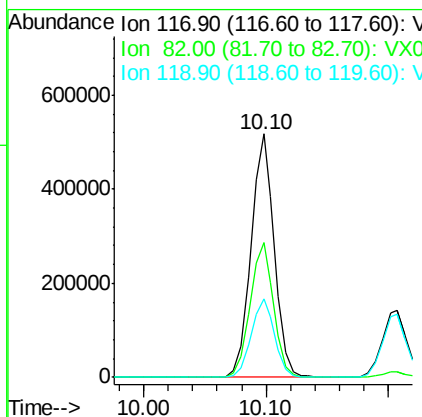
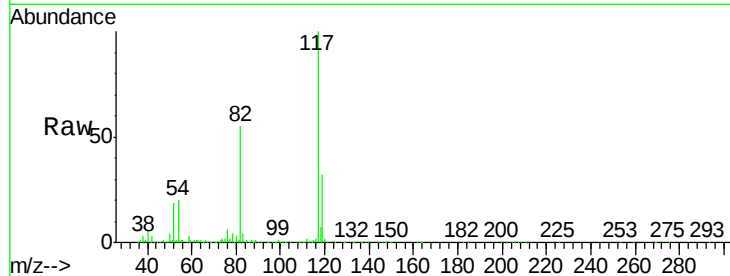
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	681427		
82	55.4	44.0	66.0	
119	32.1	25.4	38.0	

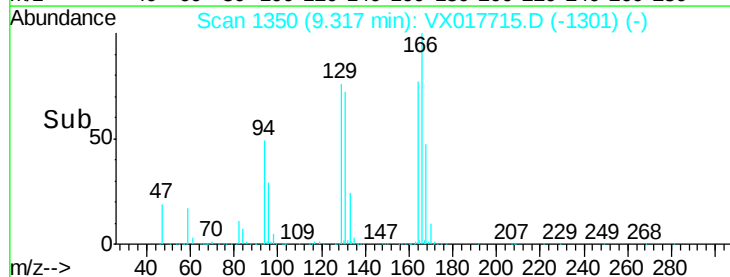
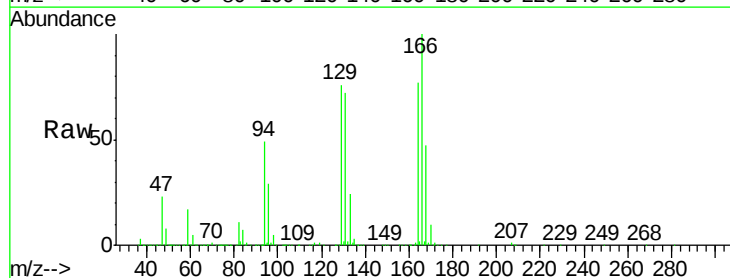
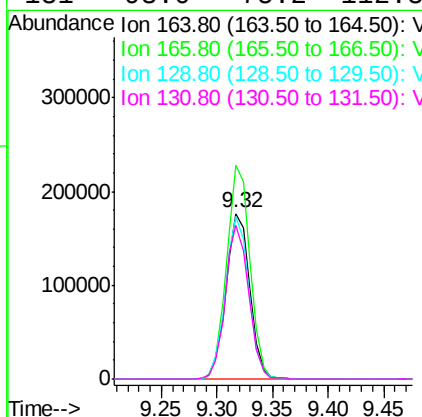
Manual Integrations
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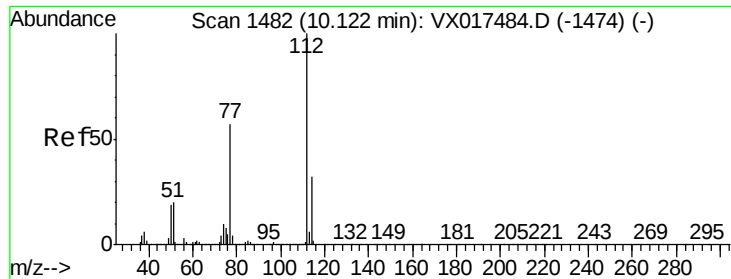
MMDadoda
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#64
Tetrachloroethene
Concen: 42.427 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	259483		
166	129.3	100.6	150.8	
129	98.5	75.0	112.6	
131	93.0	75.2	112.8	





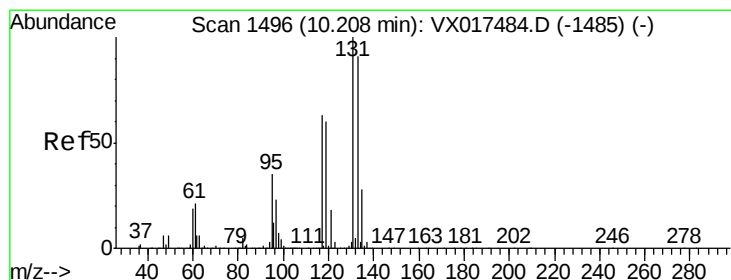
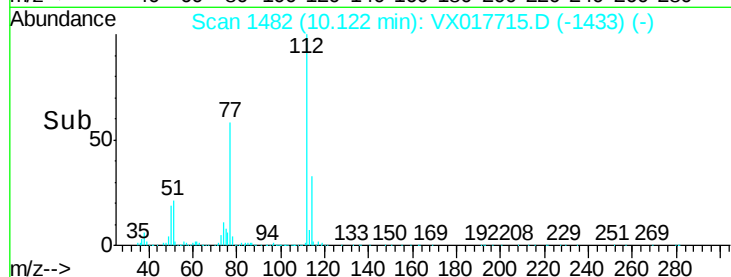
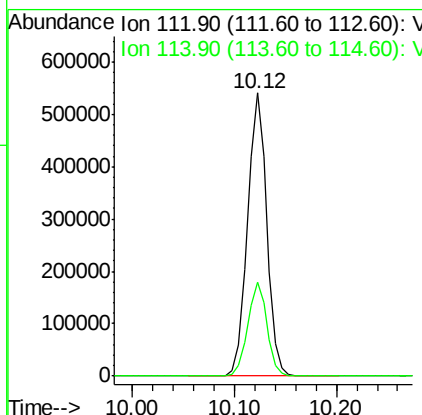
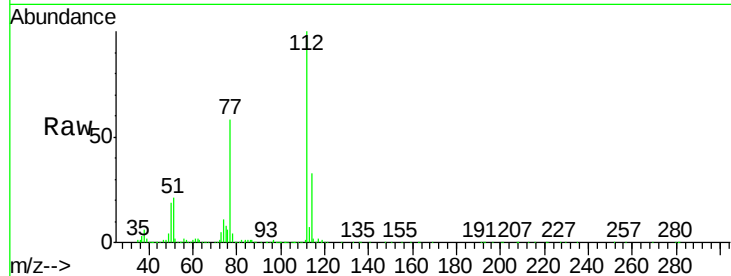
#65
Chlorobenzene
Concen: 48.143 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.7	38.5

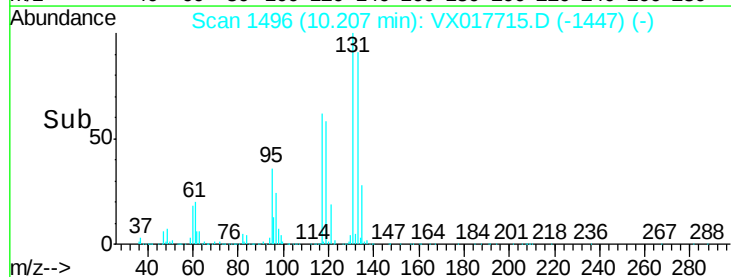
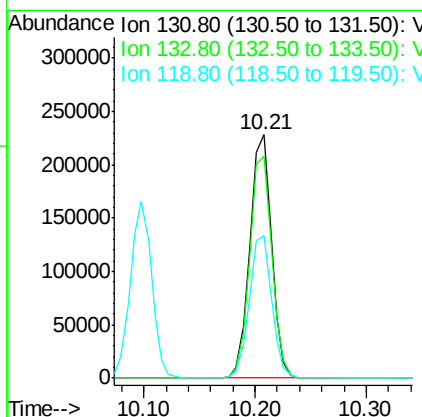
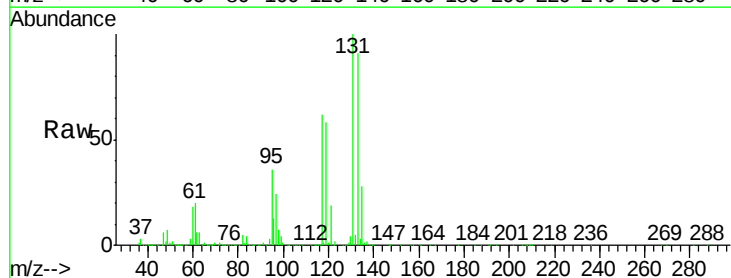
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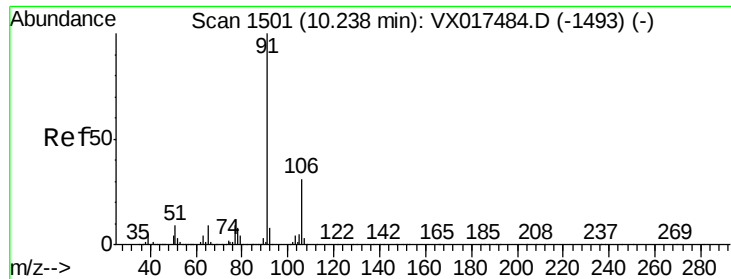
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.137 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.0	47.9	143.6
119	60.3	31.1	93.3





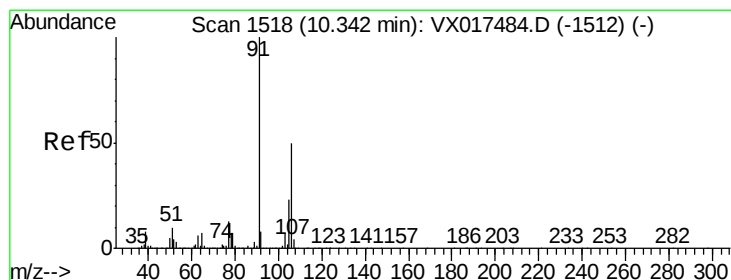
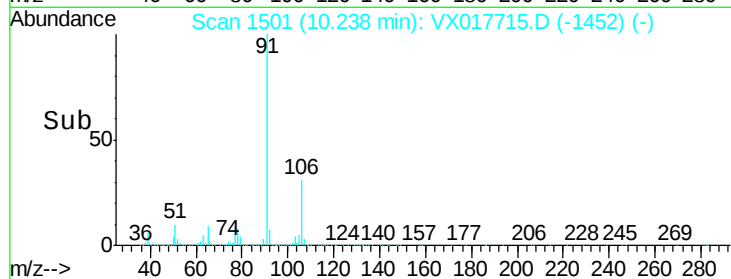
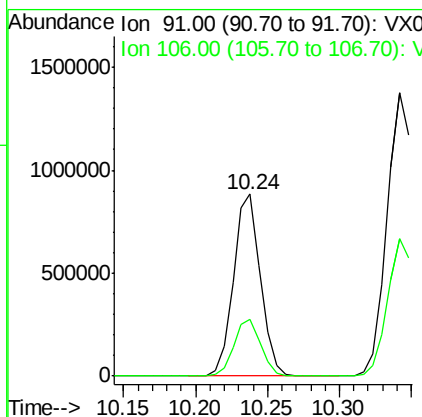
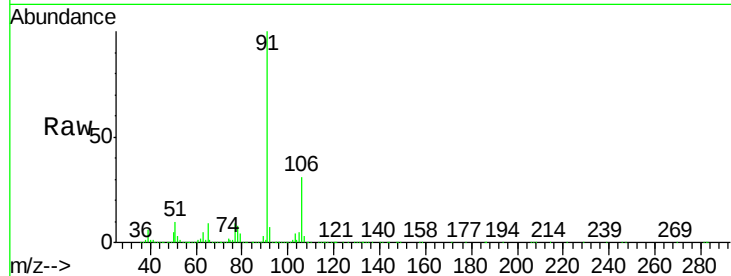
#67
Ethyl Benzene
Concen: 46.951 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1155984
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6

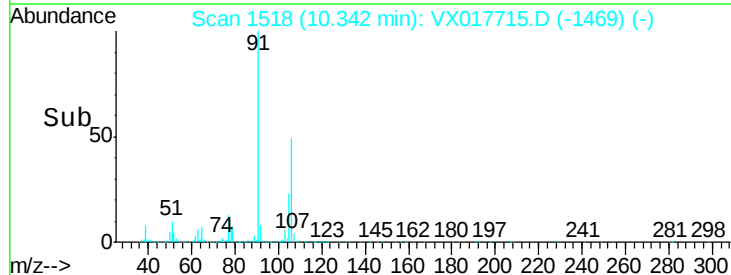
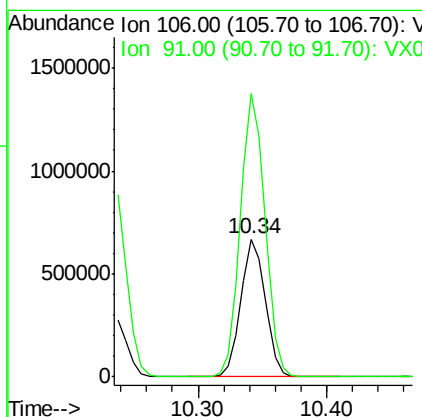
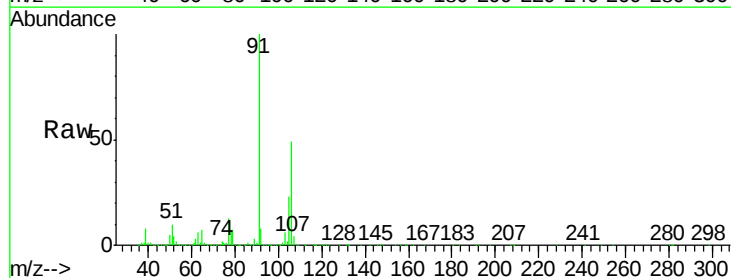
Manual Integrations
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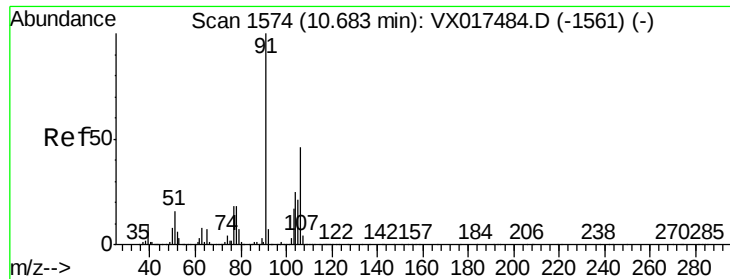
MMDadoda
8/3/2020 5:02:33 PM



#68
m/p-Xylenes
Concen: 91.784 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 106 Resp: 875453
Ion Ratio Lower Upper
106 100
91 208.4 160.9 241.3





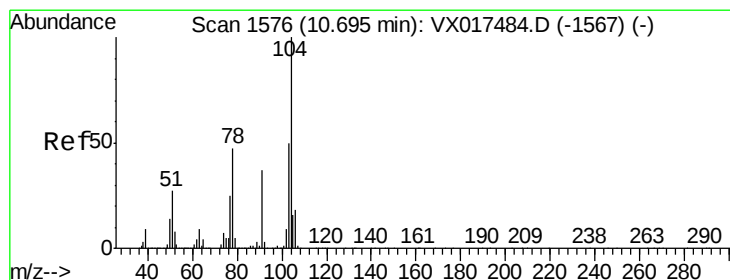
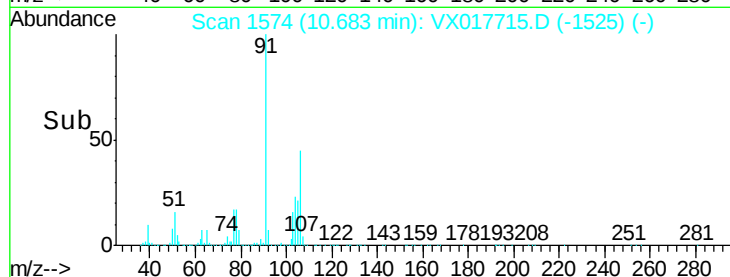
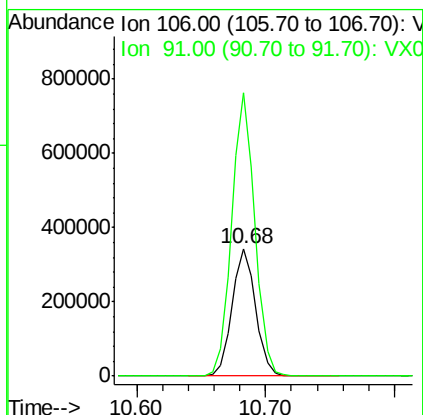
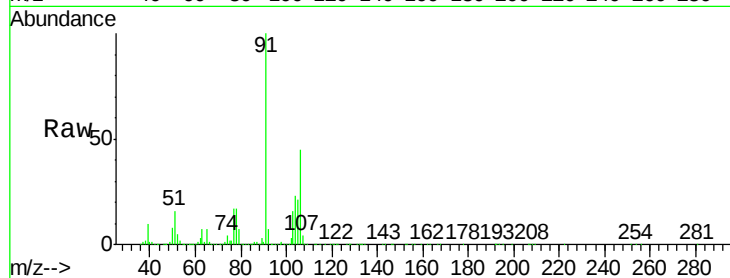
#69
o-Xylene
Concen: 47.690 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.7	108.2	324.6

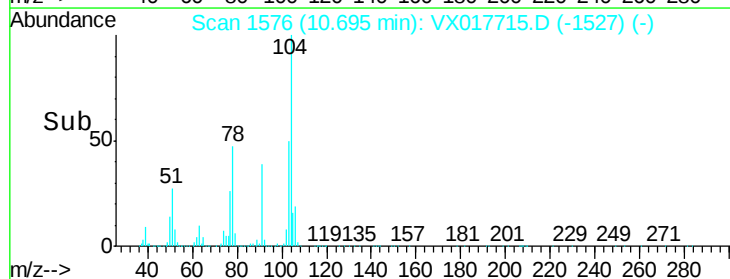
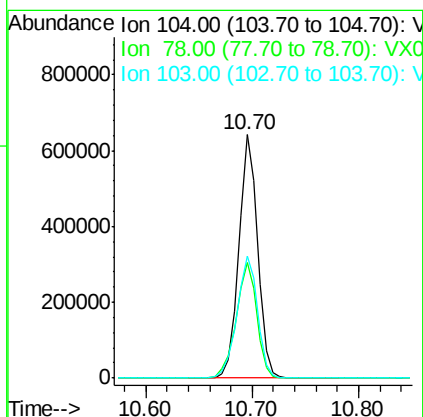
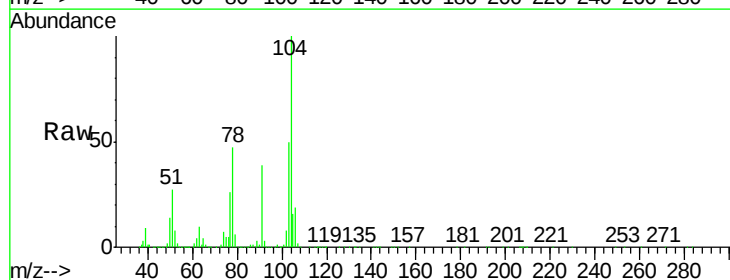
Manual Integrations
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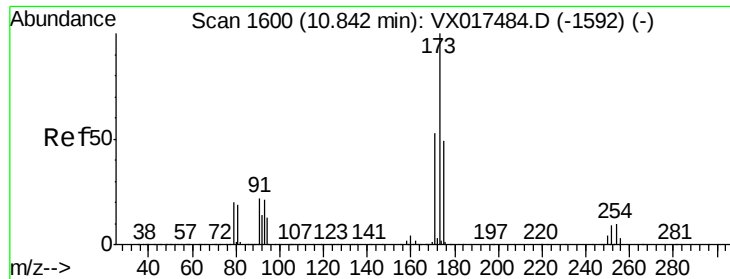
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#70
Styrene
Concen: 51.168 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	42.5	63.7
103	55.3	44.3	66.5





#71

Bromoform

Concen: 54.570 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

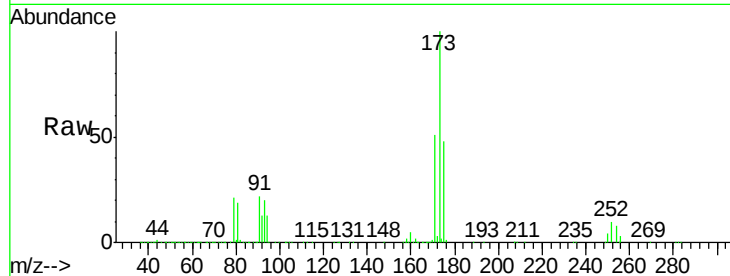
ClientSampled :

VSTDCCC050

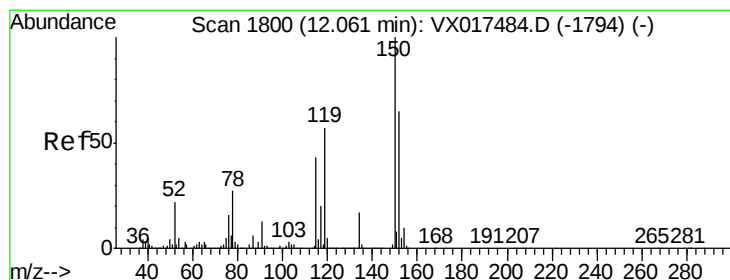
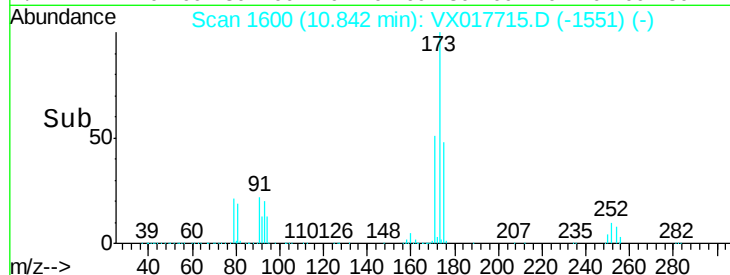
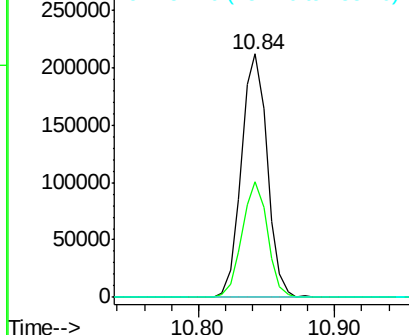
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	23.8	71.5
254	0.1	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

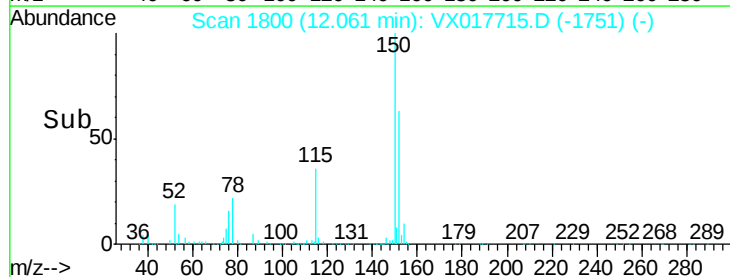
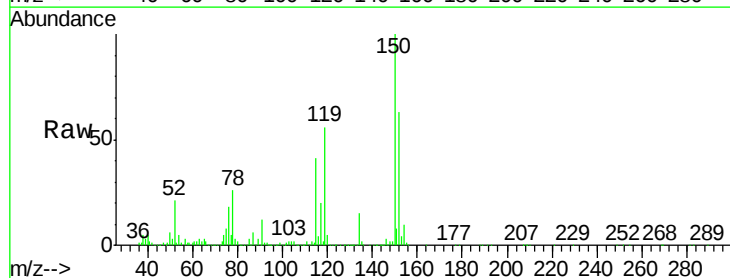
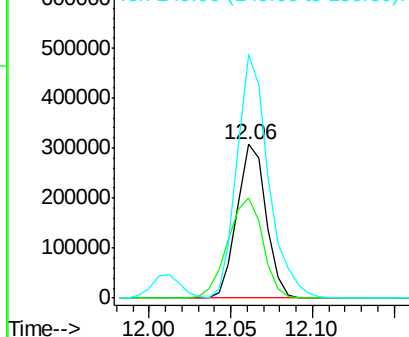
Delta R.T. -0.00 min

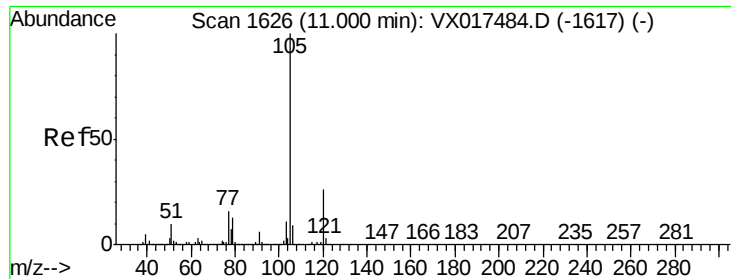
Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.2	65.5	196.6
150	171.9	0.0	412.6

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.238 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1107501

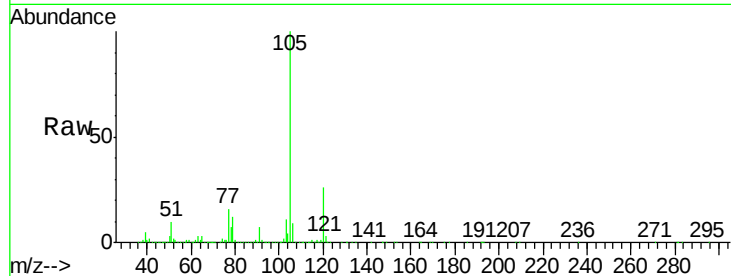
Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8

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

Ion 120.00 (119.70 to 120.70): V

11.00

800000

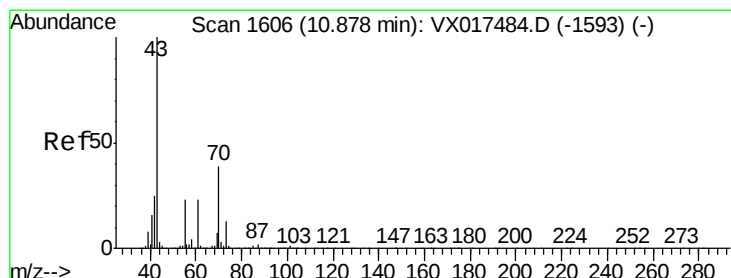
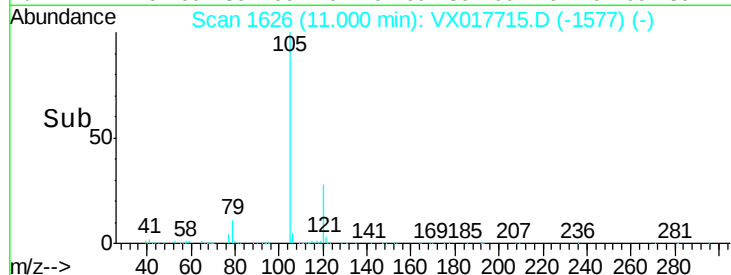
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.489 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion: 43 Resp: 564893

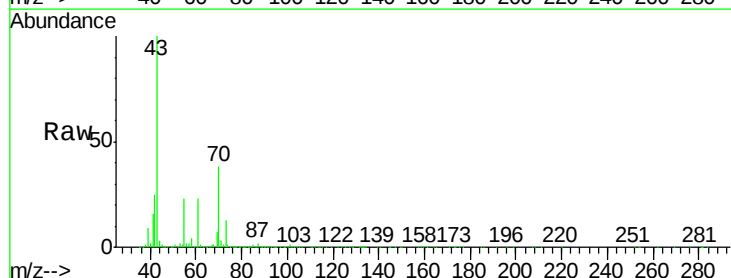
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 23.8 18.4 27.6

61 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

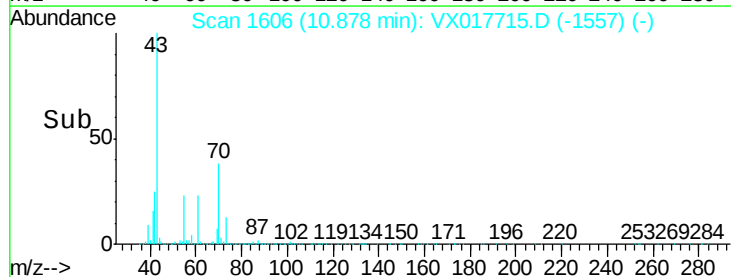
600000

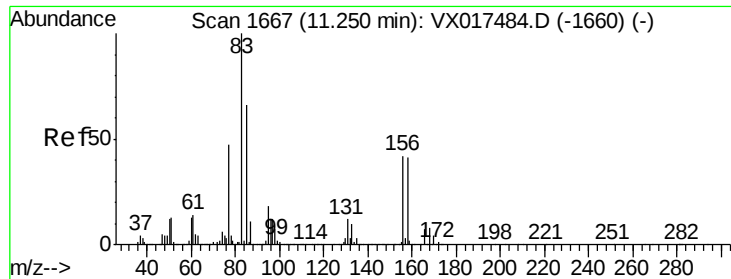
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.009 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

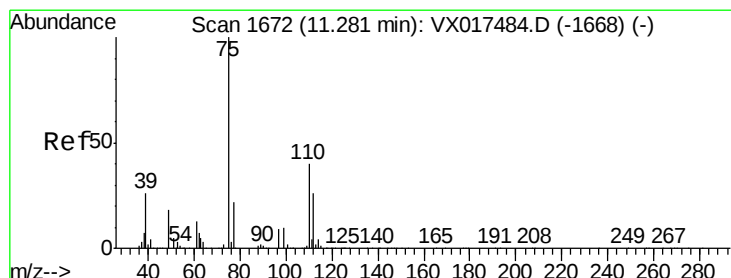
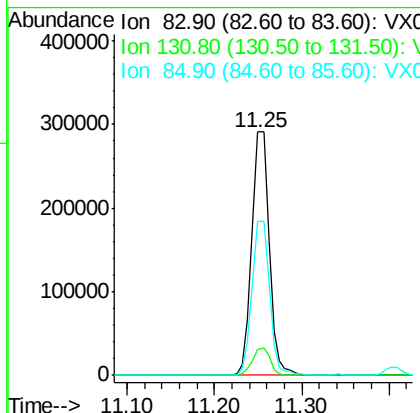
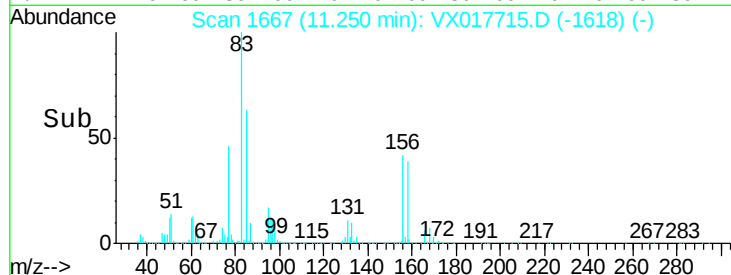
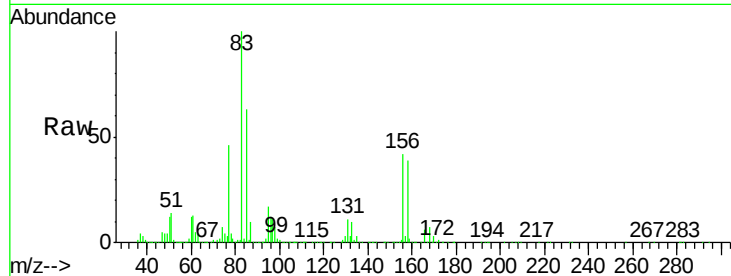
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	401103
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.5	16.5
85	64.0	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 50.501 ug/l m

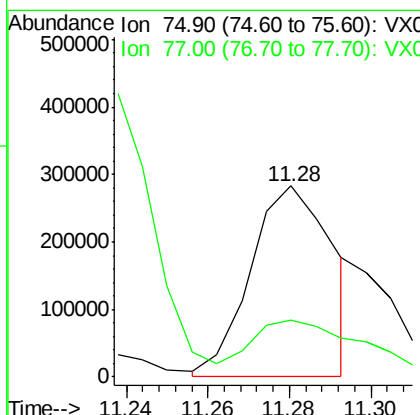
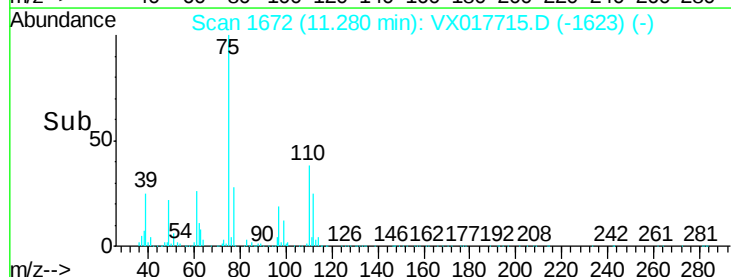
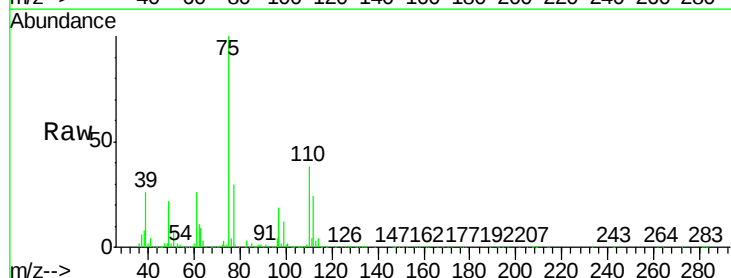
RT: 11.28 min Scan# 1672

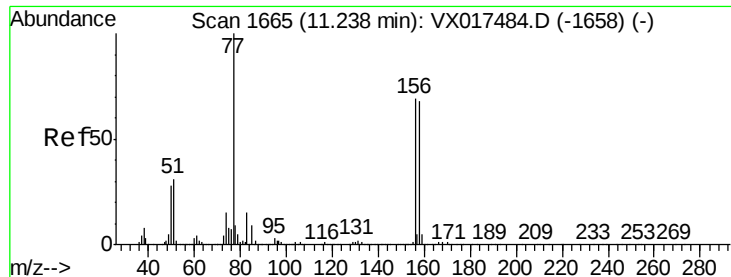
Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion:	75	Resp:	397050
Ion Ratio	Lower	Upper	
75	100		
77	40.7	21.8	65.3





#77

Bromobenzene

Concen: 46.578 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

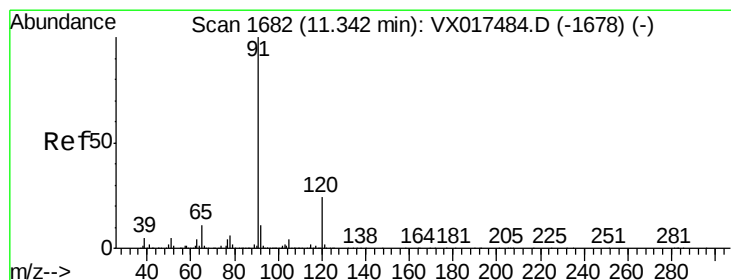
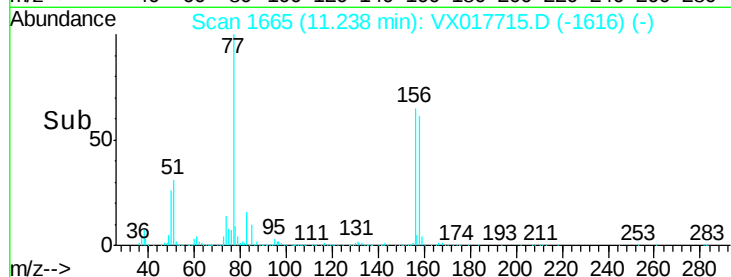
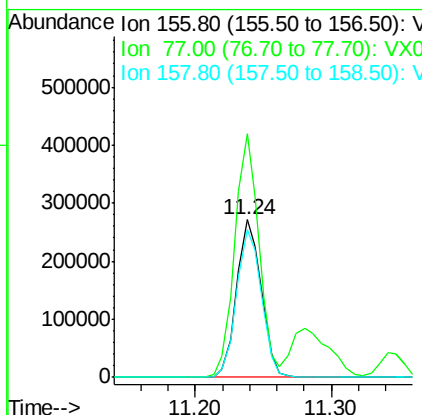
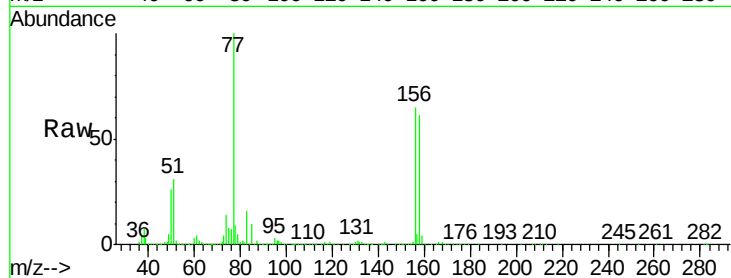
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.3	75.0	225.0
158	94.8	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 43.054 ug/l

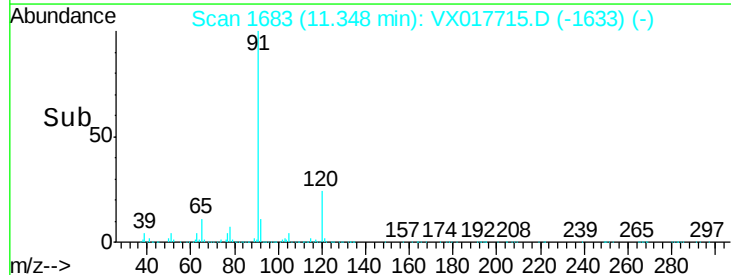
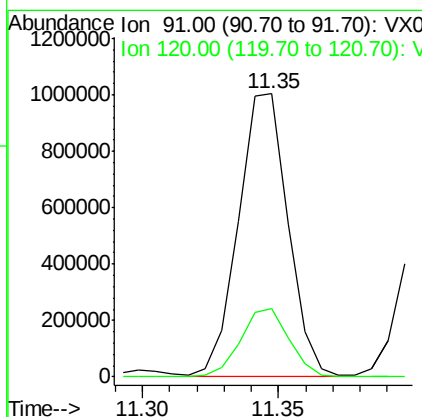
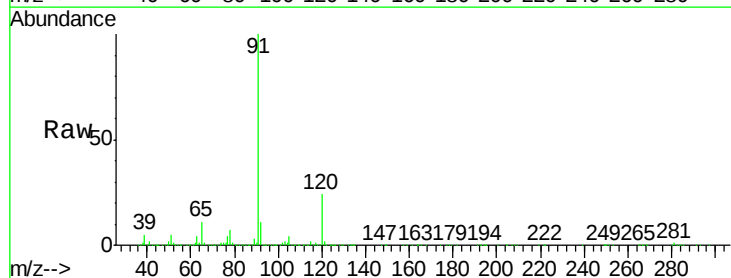
RT: 11.35 min Scan# 1683

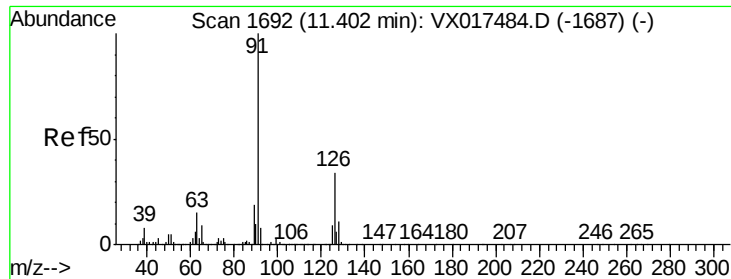
Delta R.T. 0.01 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.2	36.4





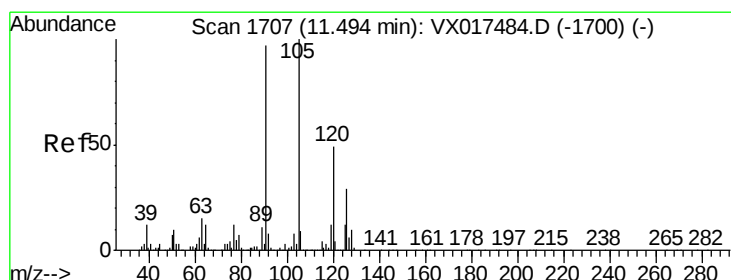
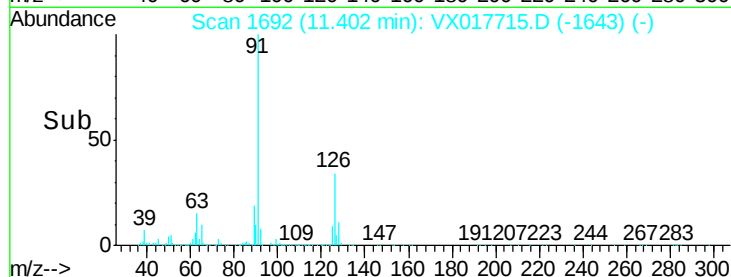
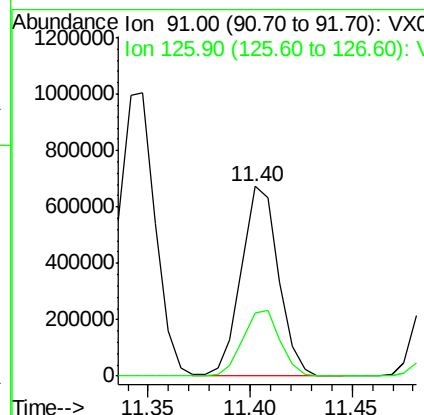
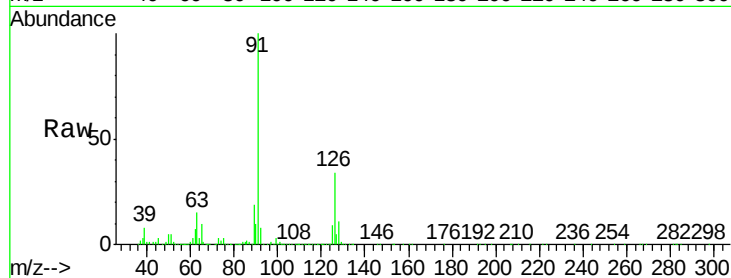
#79
2-Chlorotoluene
Concen: 46.575 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 853214
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5

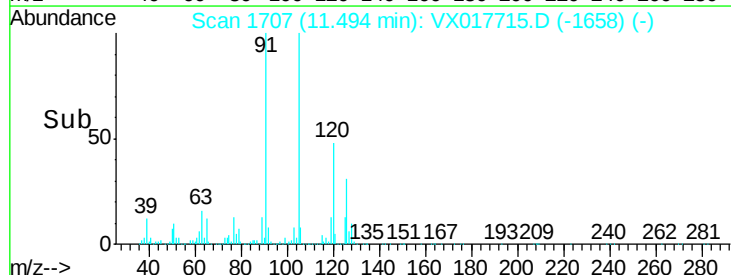
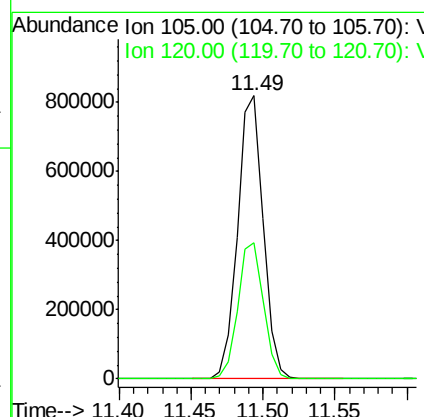
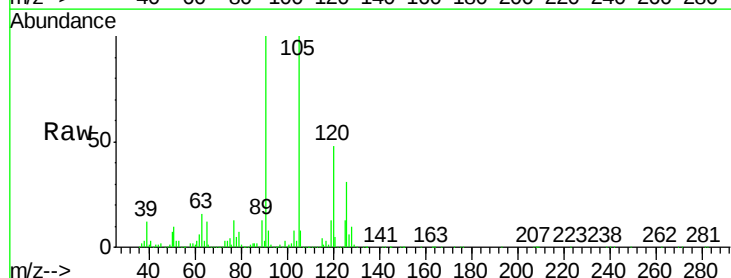
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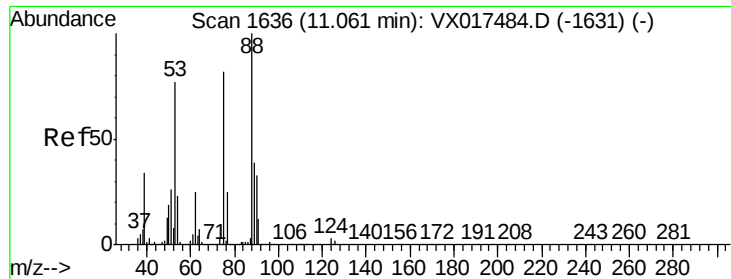
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#80
1,3,5-Trimethylbenzene
Concen: 45.488 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 105 Resp: 1018354
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





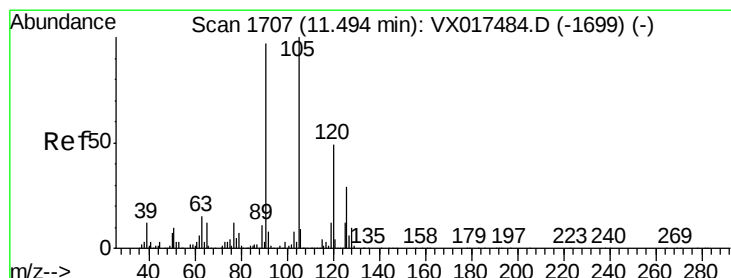
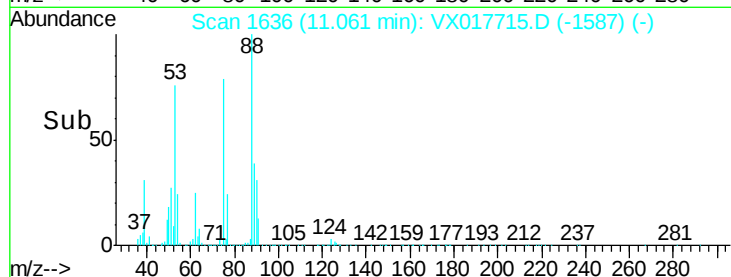
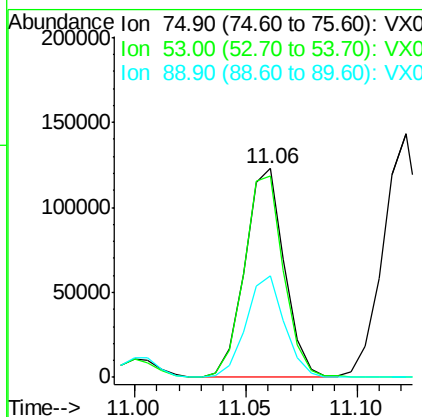
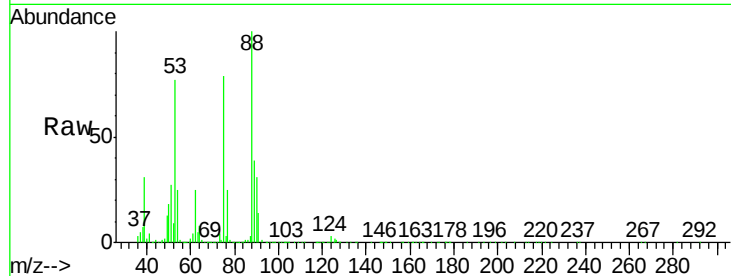
#81
trans-1,4-Dichloro-2-butene
Concen: 48.439 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	75.9	113.9
89	47.4	37.8	56.6

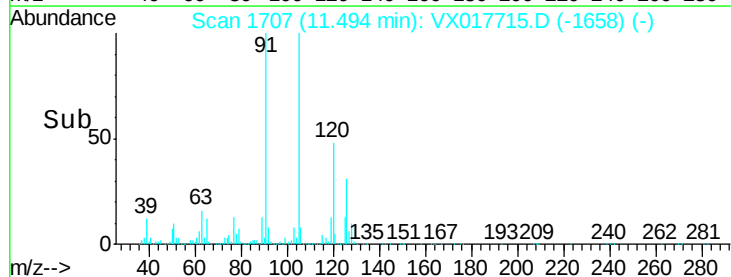
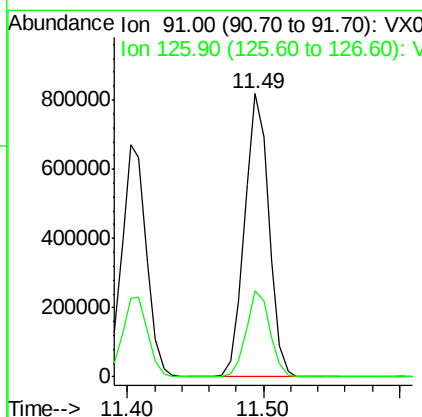
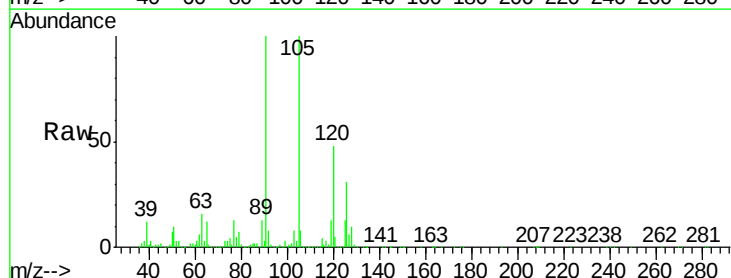
Manual Integrations
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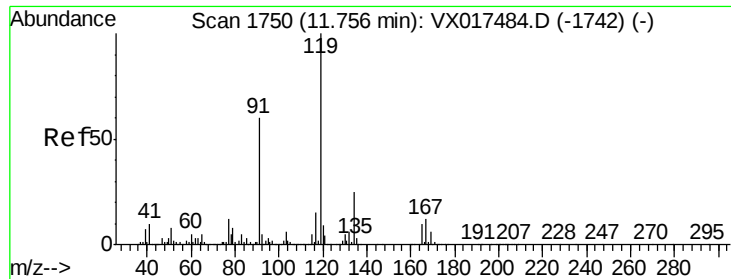
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#82
4-Chlorotoluene
Concen: 47.129 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.2	45.6





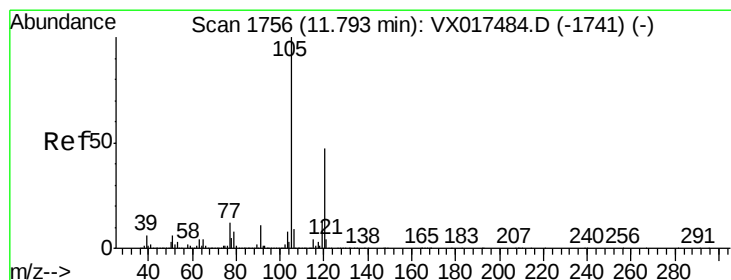
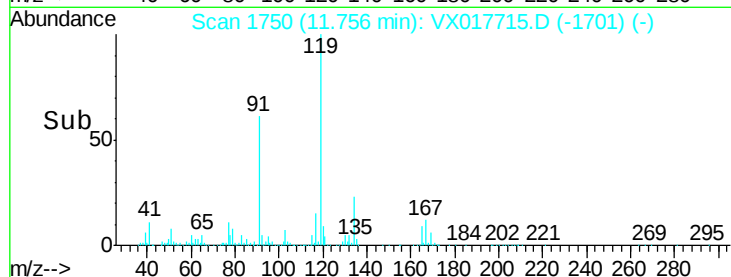
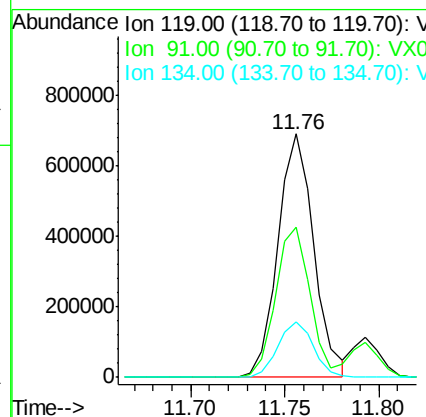
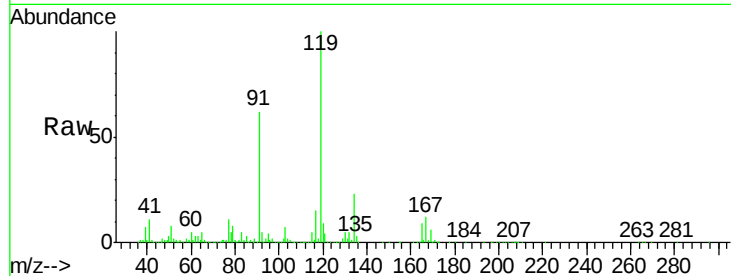
#83
 tert-Butylbenzene
 Concen: 42.382 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	907897		
91	59.0		29.3	88.0
134	22.4		11.2	33.6

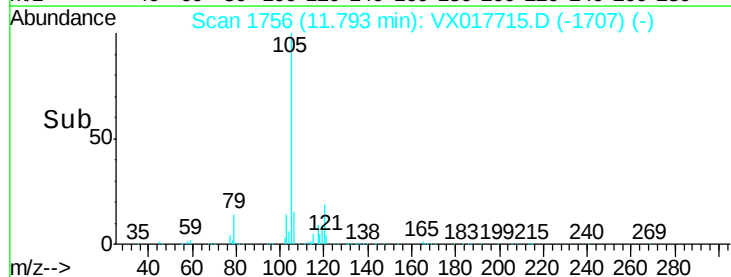
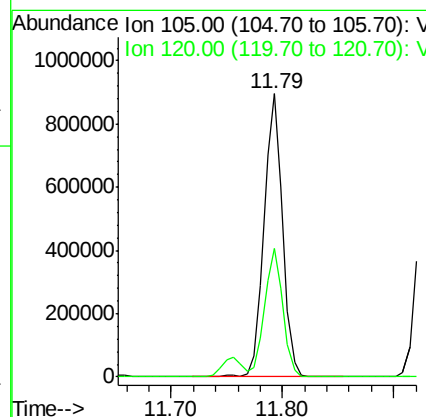
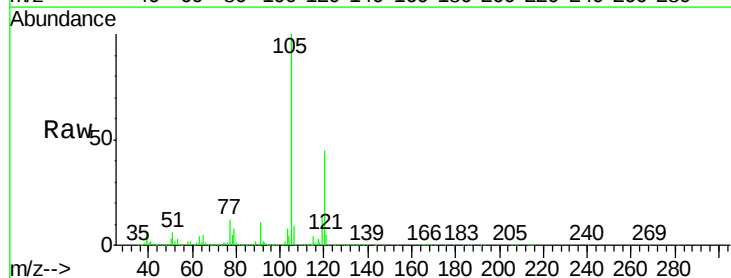
Manual Integrations
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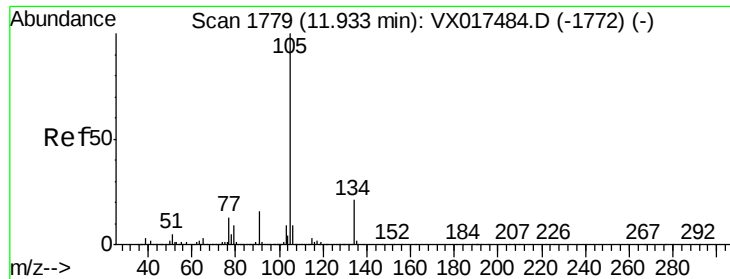
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.670 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1039196		
120	44.8		22.7	68.0





#85

sec-Butylbenzene

Concen: 39.866 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 994832

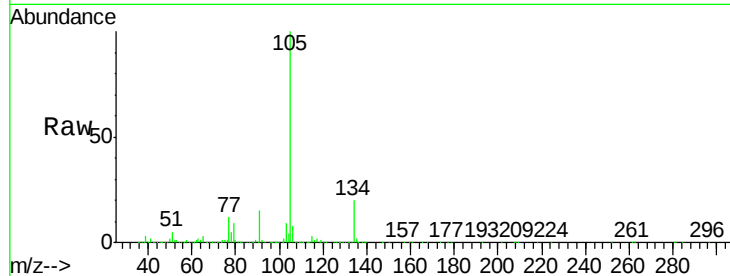
Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.2

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

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

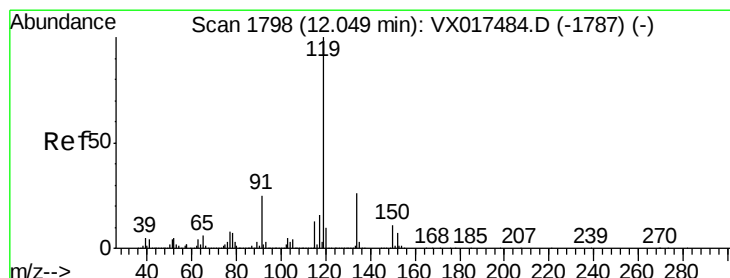
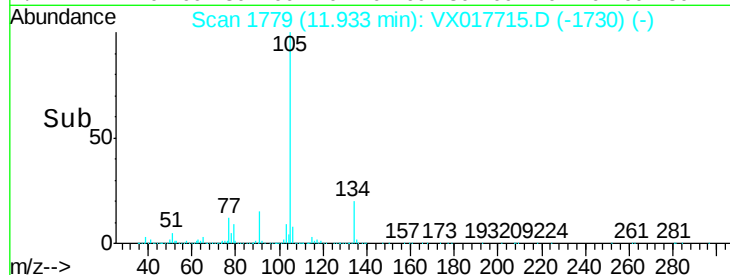
200000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 42.433 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

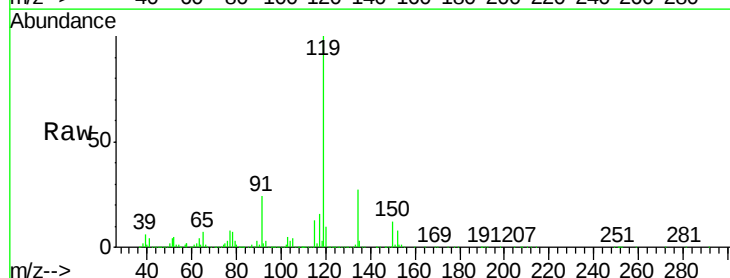
Tgt Ion:119 Resp: 1008379

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.0 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1200000

1000000

800000

600000

400000

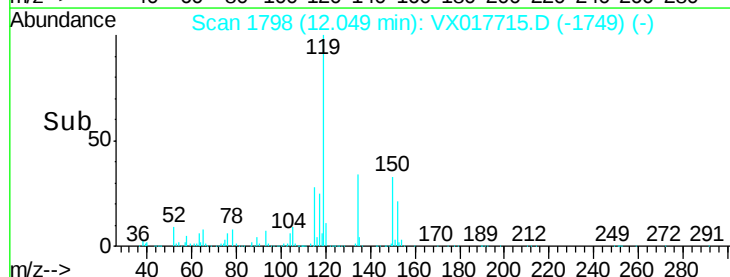
200000

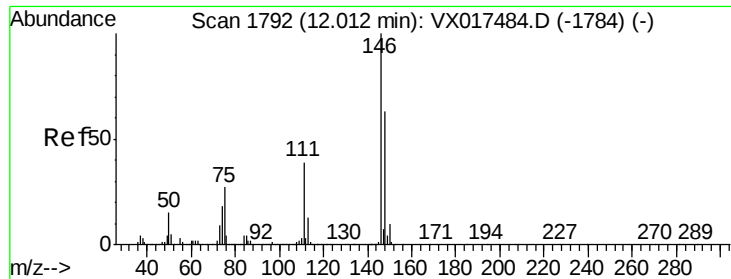
0

12.00

12.10

Time-->





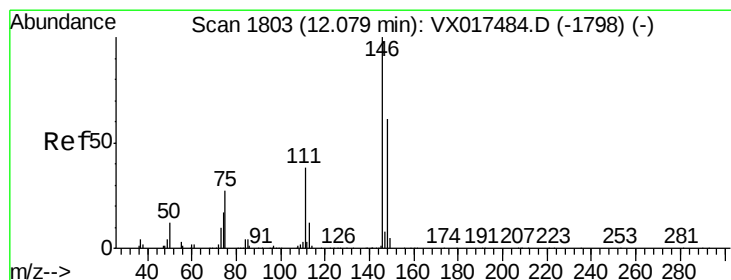
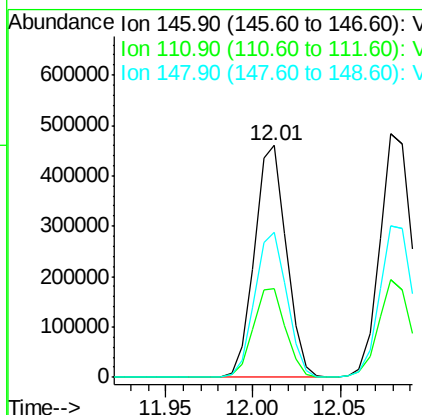
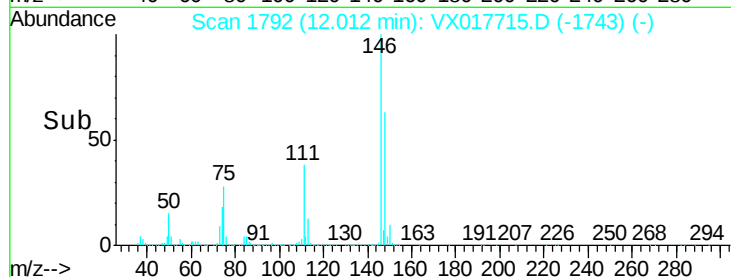
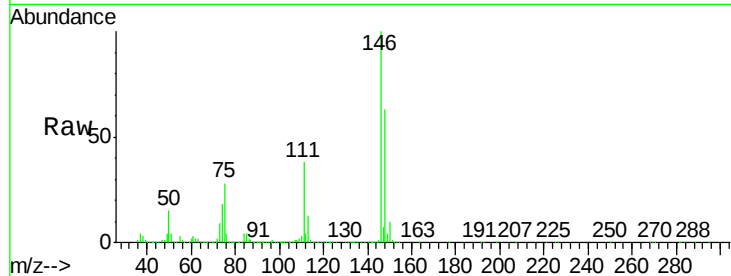
#87
 1,3-Dichlorobenzene
 Concen: 46.273 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.7
148	63.2	31.6	95.0

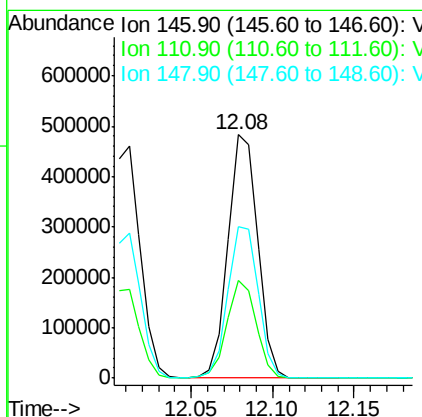
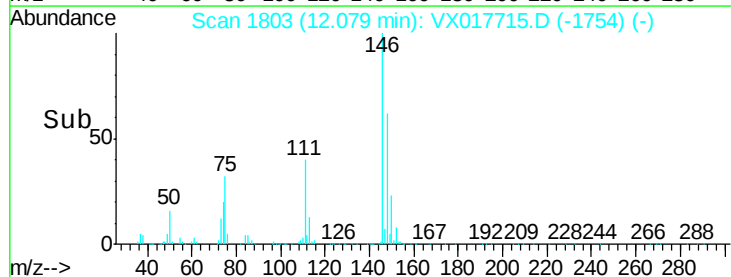
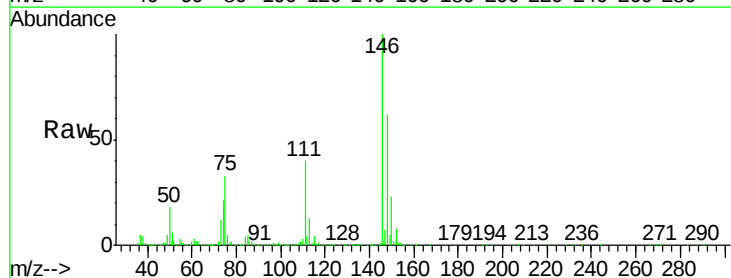
Manual Integrations
 APPROVED

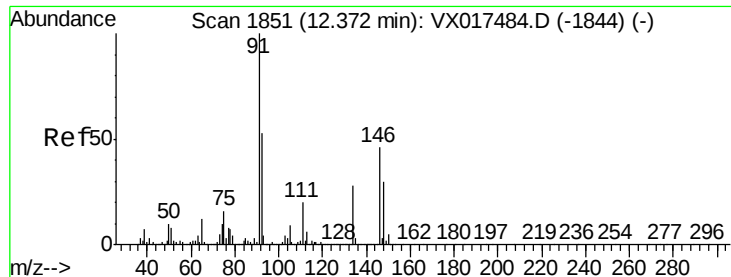
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#88
 1,4-Dichlorobenzene
 Concen: 46.920 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.8
148	63.7	32.2	96.6





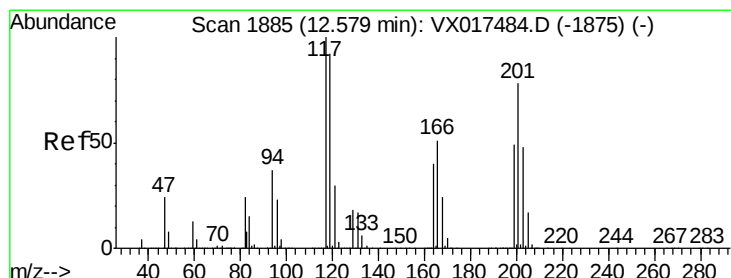
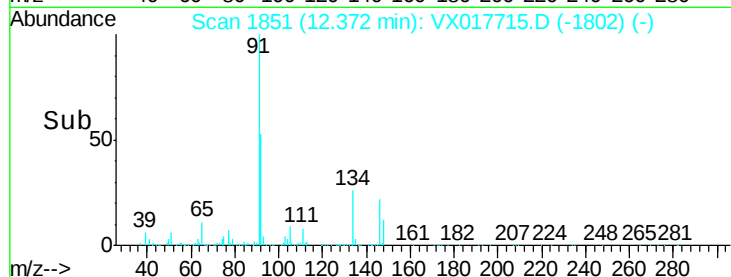
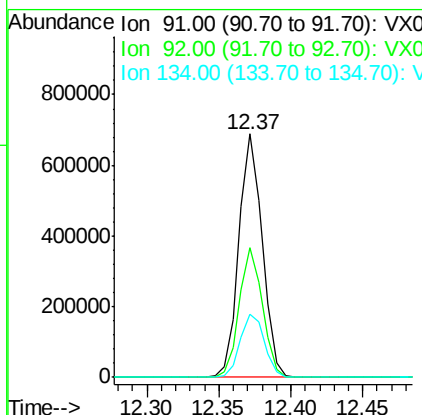
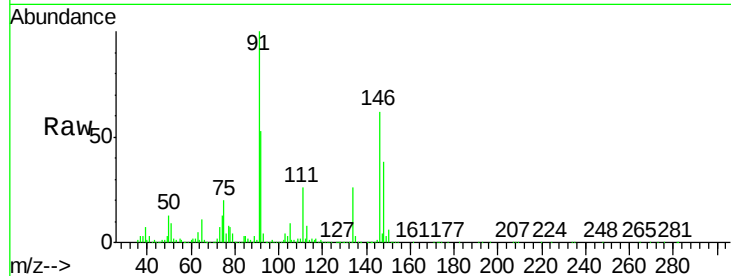
#89
n-Butylbenzene
Concen: 36.830 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.7	80.1
134	26.9	13.6	40.7

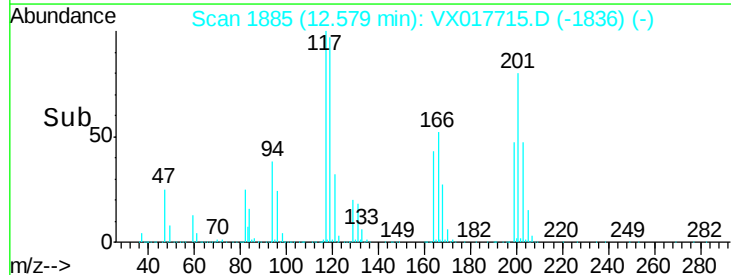
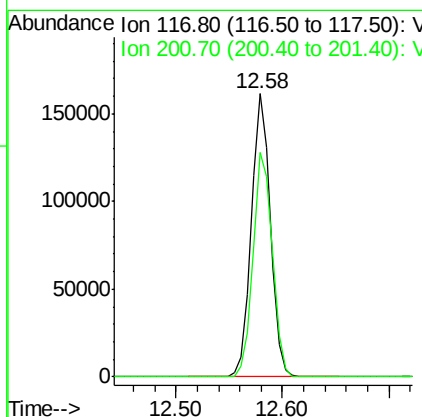
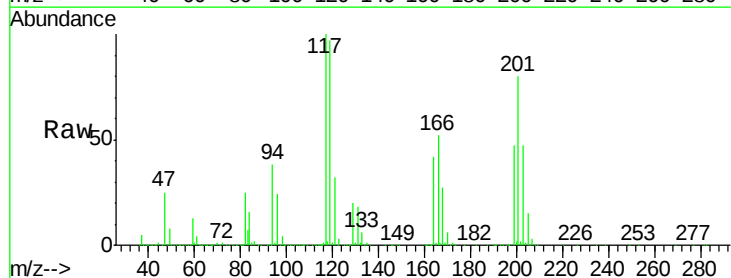
Manual Integrations
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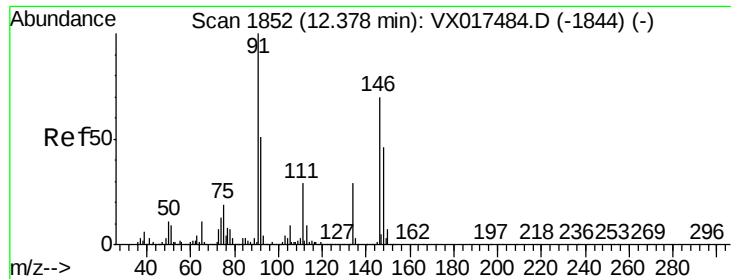
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#90
Hexachloroethane
Concen: 43.253 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 46.382 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

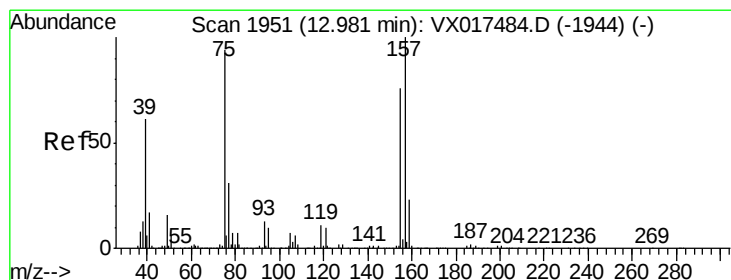
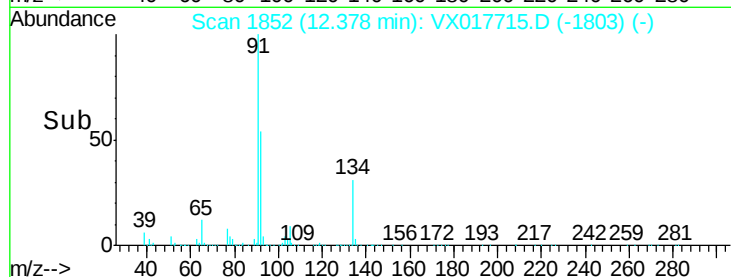
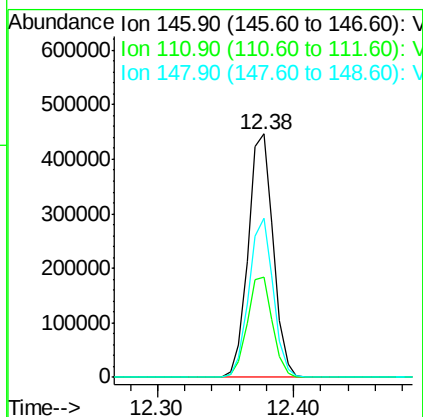
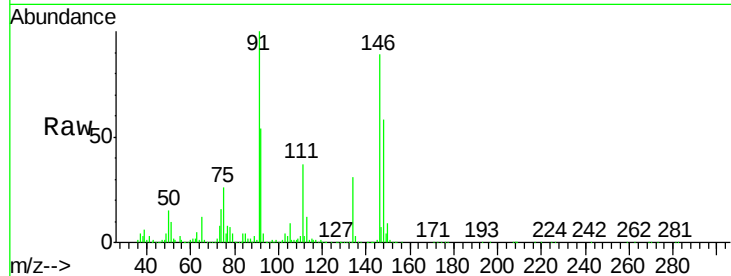
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	574624
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.9	62.8
148	63.6	32.8	98.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.131 ug/l

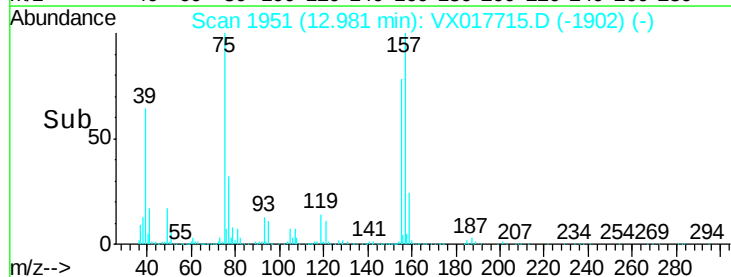
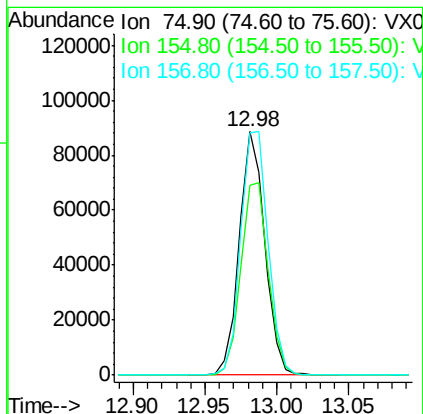
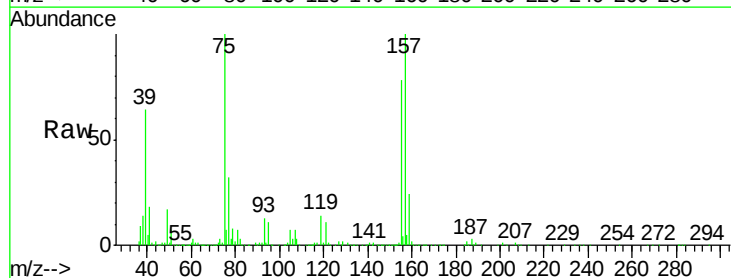
RT: 12.98 min Scan# 1951

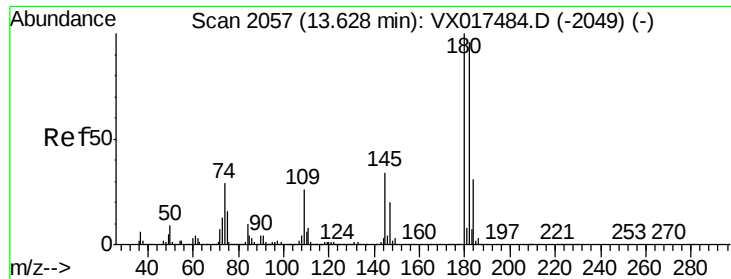
Delta R.T. 0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion:	75	Resp:	108725
Ion Ratio	Lower	Upper	
75	100		
155	84.6	42.3	126.8
157	107.2	54.3	162.9





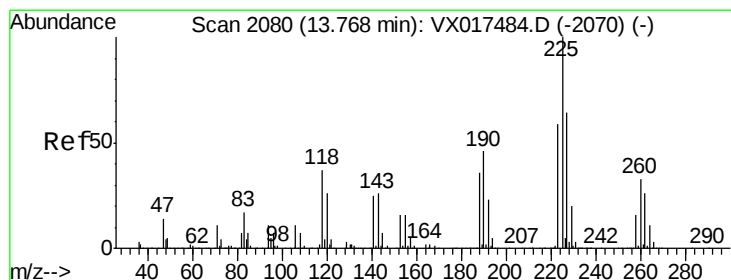
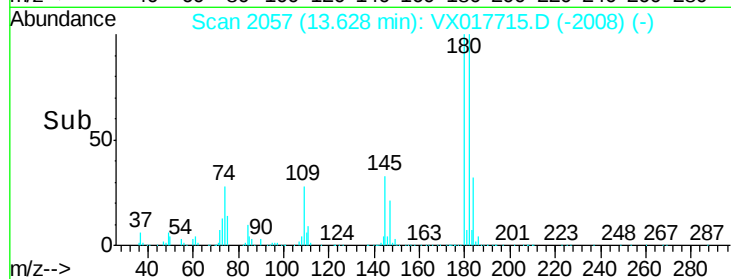
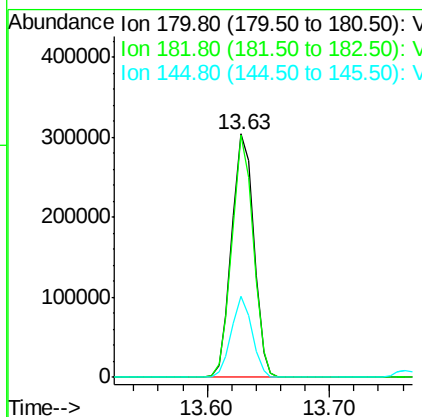
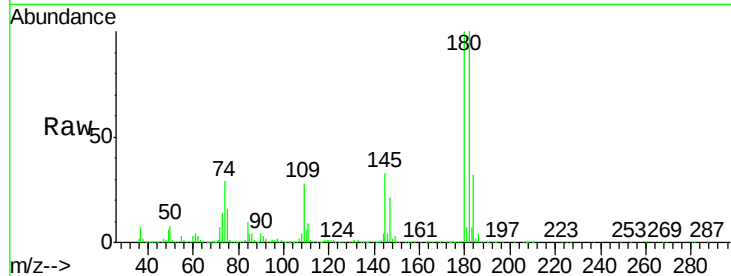
#93
 1,2,4-Trichlorobenzene
 Concen: 44.975 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	380275		
182	95.5	47.5	142.6	
145	31.0	15.4	46.4	

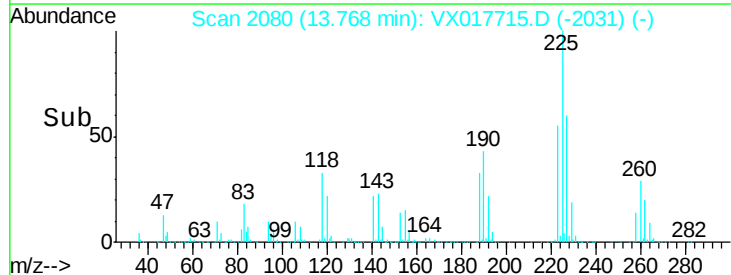
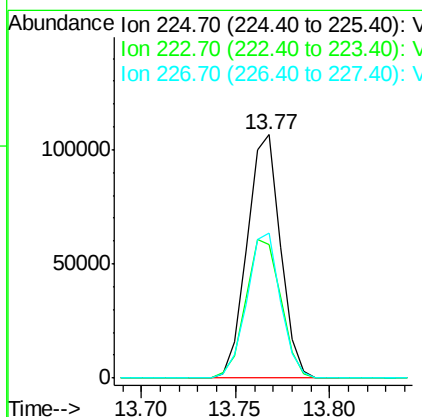
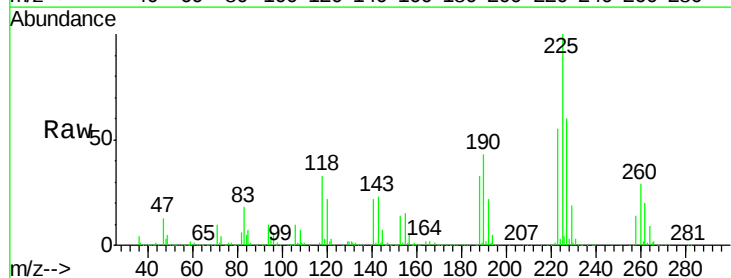
Manual Integrations
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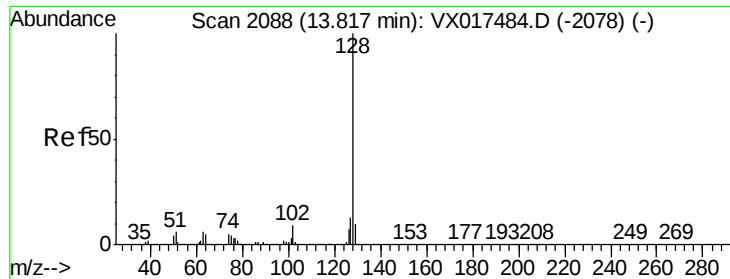
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#94
 Hexachlorobutadiene
 Concen: 33.726 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131265		
223	60.2	30.3	90.9	
227	60.2	31.1	93.2	





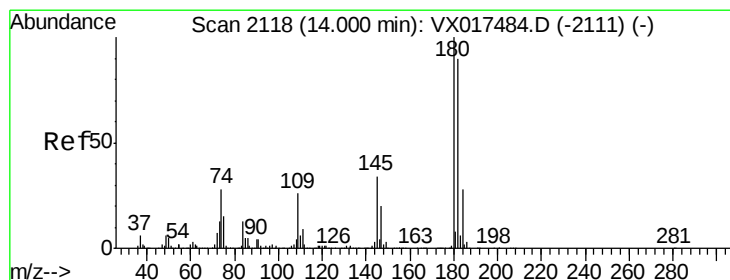
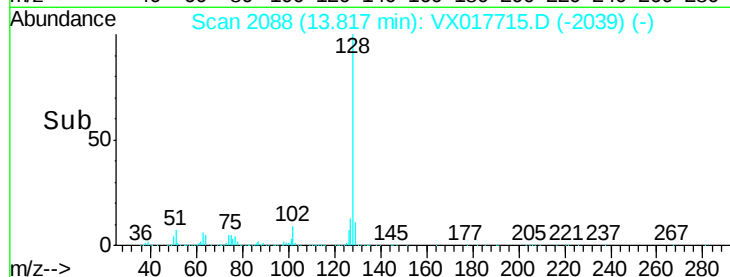
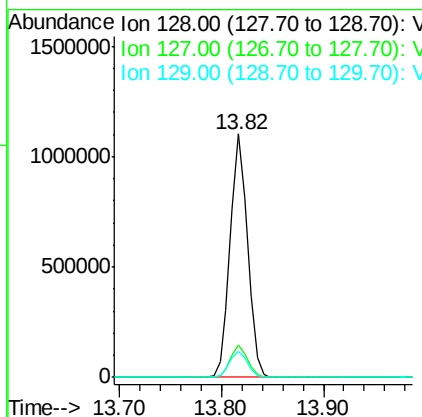
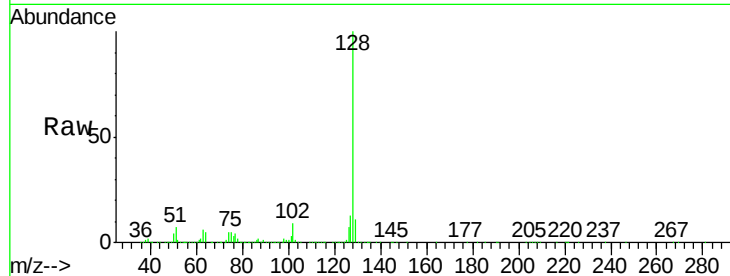
#95
Naphthalene
Concen: 51.483 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.370 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	33.0	16.3	48.9

