

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017785.D
 Acq On : 04 Aug 2020 20:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:51:28 PM

Quant Time: Aug 05 03:48:24 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	5.63	168	540238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	760379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	371742	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	5.47	113	279987	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	8.70	98	1061211	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
62) 4-Bromofluorobenzene	11.12	95	405261	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	222105	44.195	ug/l	99
3) Chloromethane	1.31	50	274706	41.202	ug/l	100
4) Vinyl Chloride	1.39	62	279865	41.167	ug/l	97
5) Bromomethane	1.62	94	162994	44.257	ug/l	99
6) Chloroethane	1.70	64	172023	45.824	ug/l	99
7) Trichlorofluoromethane	1.91	101	466030	43.583	ug/l	99
8) Diethyl Ether	2.17	74	167022	48.128	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	245711	41.874	ug/l	95
10) Methyl Iodide	2.49	142	295168	39.319	ug/l	95
11) Tert butyl alcohol	3.03	59	383170	261.982	ug/l	100
12) 1,1-Dichloroethene	2.36	96	235635	42.228	ug/l	99
13) Acrolein	2.28	56	258737	232.010	ug/l	100
14) Allyl chloride	2.71	41	472365	46.360	ug/l	98
15) Acrylonitrile	3.12	53	861427	272.690	ug/l	100
16) Acetone	2.42	43	781556	255.882	ug/l	95
17) Carbon Disulfide	2.55	76	636896	37.551	ug/l	99
18) Methyl Acetate	2.75	43	409032	56.862	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	931171	48.213	ug/l	98
20) Methylene Chloride	2.84	84	284429	49.430	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	272908	45.653	ug/l	98
22) Diisopropyl ether	3.83	45	879107	47.187	ug/l	97
23) Vinyl Acetate	3.79	43	3952051	237.914	ug/l	100
24) 1,1-Dichloroethane	3.67	63	495737	46.192	ug/l	99
25) 2-Butanone	4.64	43	1225303	282.391	ug/l	98
26) 2,2-Dichloropropane	4.55	77	347522	36.175	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	307038	47.288	ug/l	97
28) Bromochloromethane	4.98	49	233621	48.037	ug/l	99
29) Tetrahydrofuran	5.09	42	738501	274.770	ug/l	99
30) Chloroform	5.18	83	528985	48.239	ug/l	98
31) Cyclohexane	5.55	56	377690	44.131	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	489222	47.311	ug/l	100
36) 1,1-Dichloropropene	5.77	75	389350	50.872	ug/l	100
37) Ethyl Acetate	4.80	43	462540	55.234	ug/l	100
38) Carbon Tetrachloride	5.76	117	467080	50.255	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	373169	41.767	ug/l	98
40) Benzene	6.12	78	1116055	50.863	ug/l	100
41) Methacrylonitrile	5.01	41	252378	52.579	ug/l	98
42) 1,2-Dichloroethane	6.17	62	470454	52.408	ug/l	99
43) Isopropyl Acetate	6.42	43	748524	54.174	ug/l	99
44) Trichloroethene	7.19	130	310193	48.373	ug/l	97
45) 1,2-Dichloropropane	7.49	63	287802	47.314	ug/l	94
46) Dibromomethane	7.64	93	206832	48.114	ug/l	98
47) Bromodichloromethane	7.88	83	446807	51.656	ug/l	98
48) Methyl methacrylate	7.75	41	380893	55.613	ug/l	99
49) 1,4-Dioxane	7.72	88	127212	968.788	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2313124	280.581	ug/l	99
52) Toluene	8.77	92	702274	49.905	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	460427	47.552	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	518963	52.546	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	292802	49.948	ug/l	98
56) Ethyl methacrylate	9.16	69	456841	51.727	ug/l	99
57) 1,3-Dichloropropane	9.35	76	481673	49.900	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	1111173	238.810	ug/l	100
59) 2-Hexanone	9.48	43	1828117	294.533	ug/l	99
60) Dibromochloromethane	9.57	129	402388	54.006	ug/l	98
61) 1,2-Dibromoethane	9.65	107	340675	54.586	ug/l	100
64) Tetrachloroethene	9.32	164	293163	42.957	ug/l	96
65) Chlorobenzene	10.12	112	766196	46.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	328642	49.476	ug/l	100
67) Ethyl Benzene	10.24	91	1366407	49.735	ug/l	98
68) m/p-Xylenes	10.34	106	1008690	94.773	ug/l	99
69) o-Xylene	10.68	106	503341	49.171	ug/l	98
70) Styrene	10.70	104	867636	49.817	ug/l	100
71) Bromoform	10.84	173	292739	50.868	ug/l #	99
73) Isopropylbenzene	11.01	105	1445171	51.199	ug/l	98
74) N-amyl acetate	10.88	43	655262	52.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	454995	51.643	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	423714m	50.062	ug/l	
77) Bromobenzene	11.24	156	369604	46.773	ug/l	97
78) n-propylbenzene	11.34	91	1606785	50.472	ug/l	98
79) 2-Chlorotoluene	11.40	91	953950	48.374	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1184047	49.131	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	156801	46.682	ug/l	100
82) 4-Chlorotoluene	11.49	91	1130763	48.609	ug/l	99
83) tert-Butylbenzene	11.76	119	1158165	50.223	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1205542	50.293	ug/l	99
85) sec-Butylbenzene	11.93	105	1308664	48.715	ug/l	99
86) p-Isopropyltoluene	12.05	119	1237971	48.392	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	649853	47.890	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	660994	47.027	ug/l	99
89) n-Butylbenzene	12.37	91	1057216	46.379	ug/l	99
90) Hexachloroethane	12.58	117	237497	47.089	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	630256	47.257	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	120486	48.442	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	445379	48.931	ug/l	98
94) Hexachlorobutadiene	13.77	225	174558	41.662	ug/l	98
95) Naphthalene	13.82	128	1477155	54.364	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	452152	50.310	ug/l	99

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

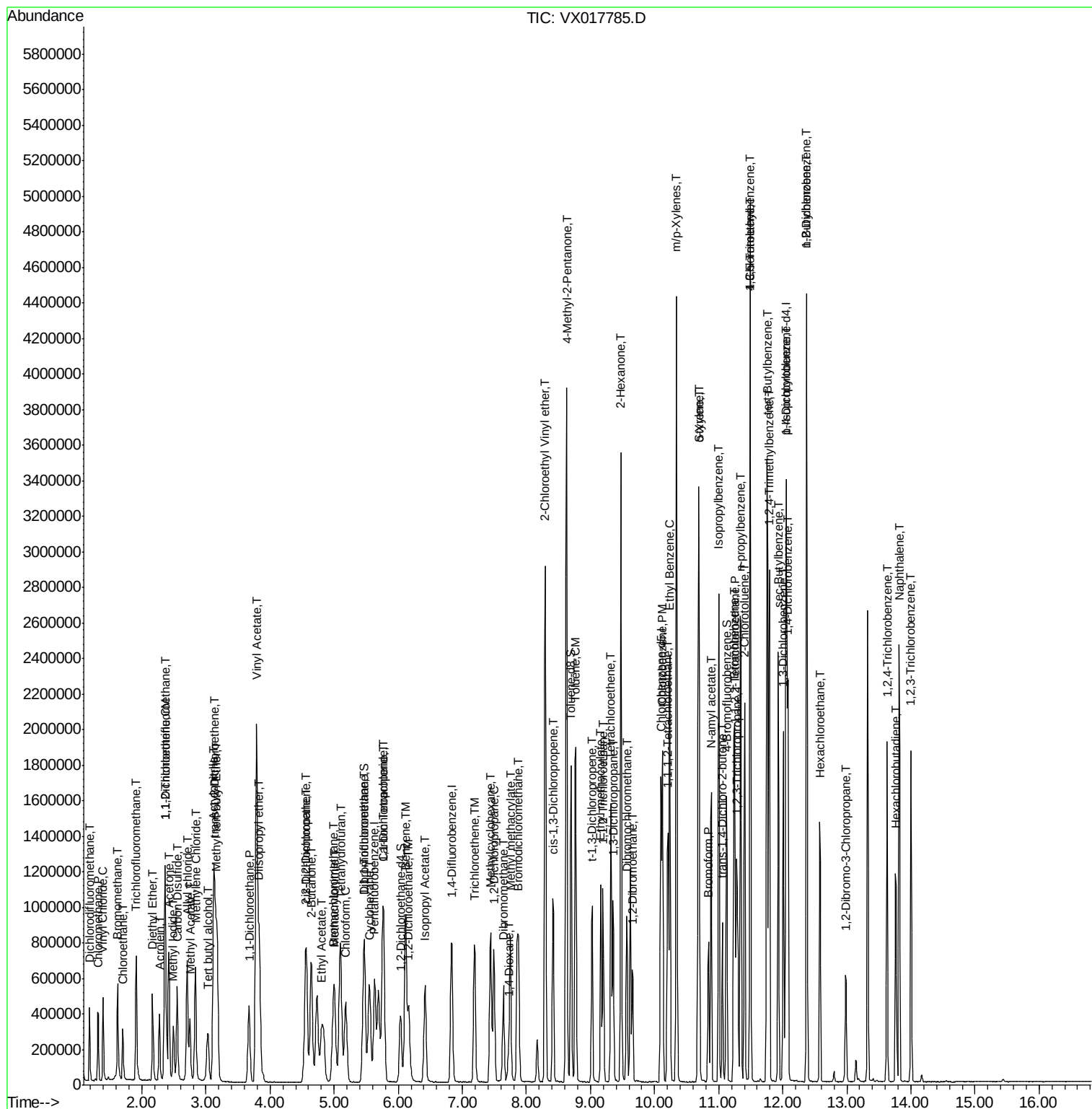
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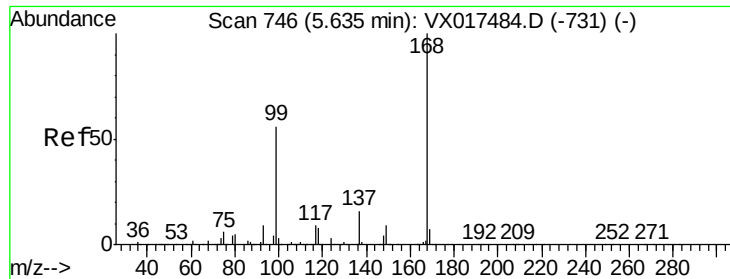
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 540238

Ion Ratio Lower Upper

168 100

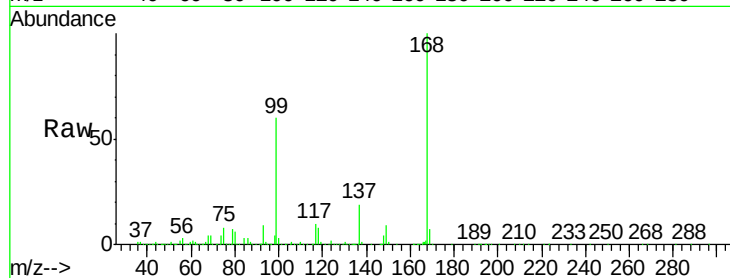
99 59.5 43.4 65.2

Manual Integrations

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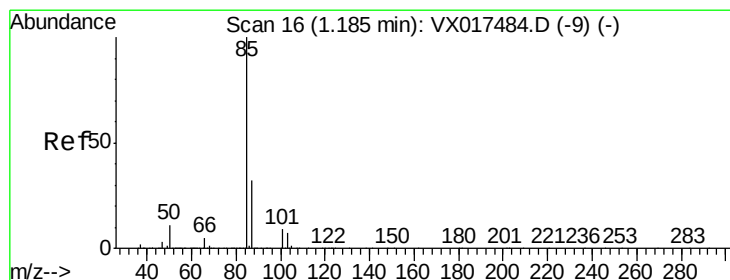
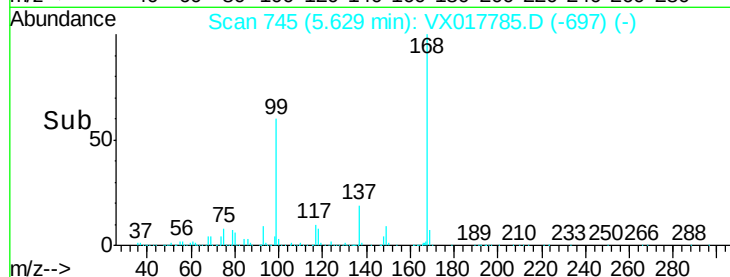
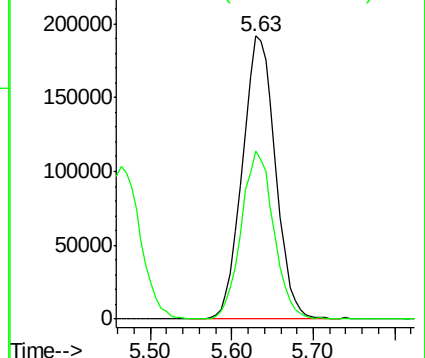
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.195 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017785.D

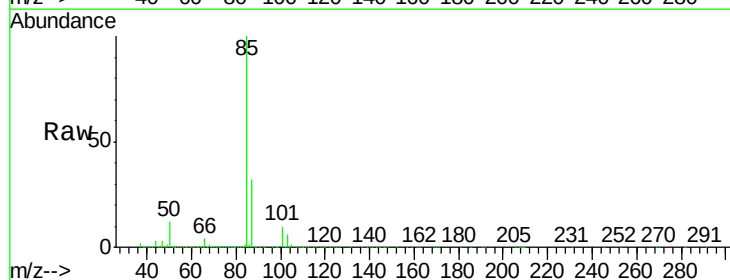
Acq: 04 Aug 2020 20:46

Tgt Ion: 85 Resp: 222105

Ion Ratio Lower Upper

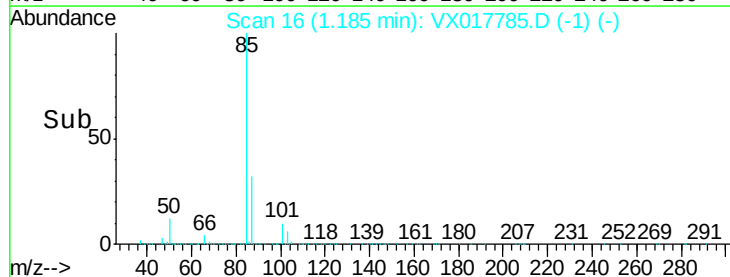
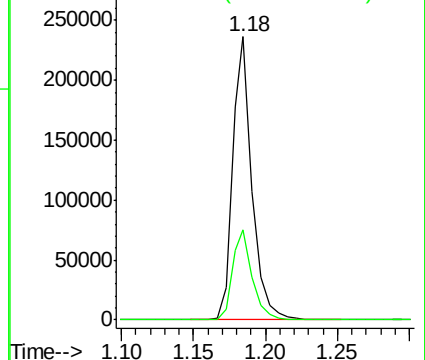
85 100

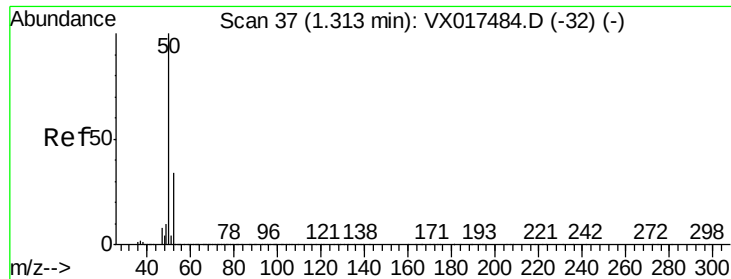
87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.202 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 274706

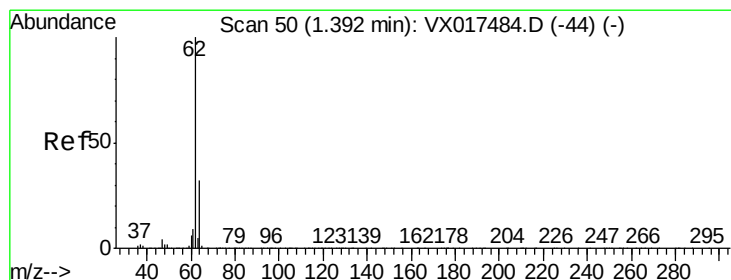
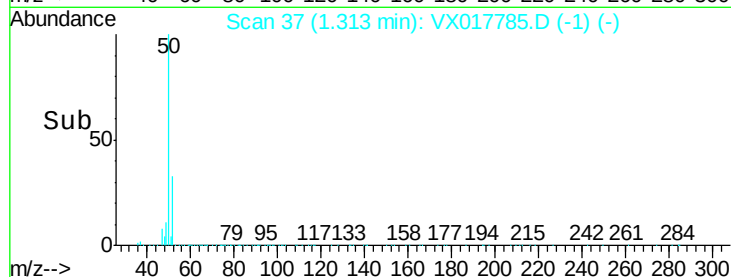
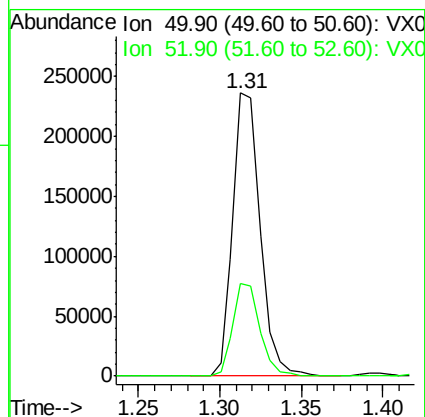
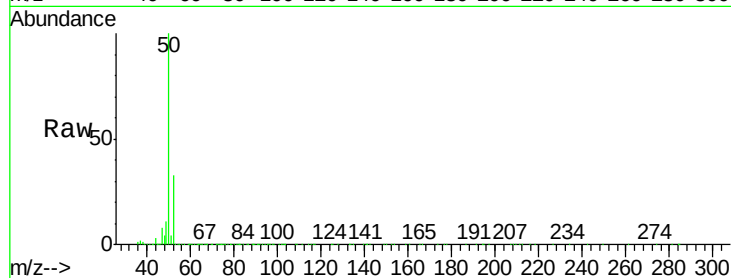
Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9

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#4

Vinyl Chloride

Concen: 41.167 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017785.D

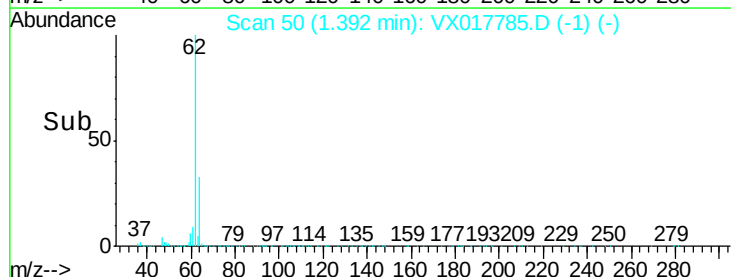
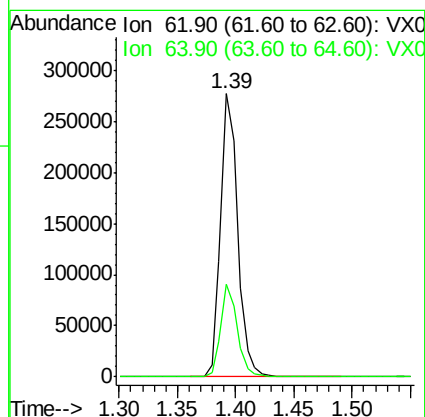
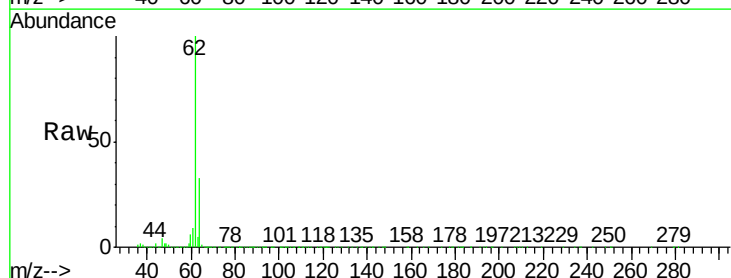
Acq: 04 Aug 2020 20:46

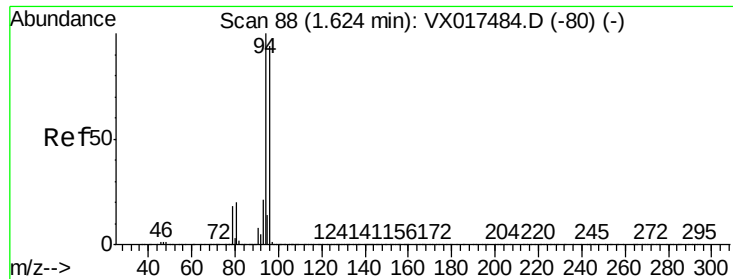
Tgt Ion: 62 Resp: 279865

Ion Ratio Lower Upper

62 100

64 32.9 25.2 37.8





#5

Bromomethane

Concen: 44.257 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

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ClientSampleId :

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Tgt Ion: 94 Resp: 162994

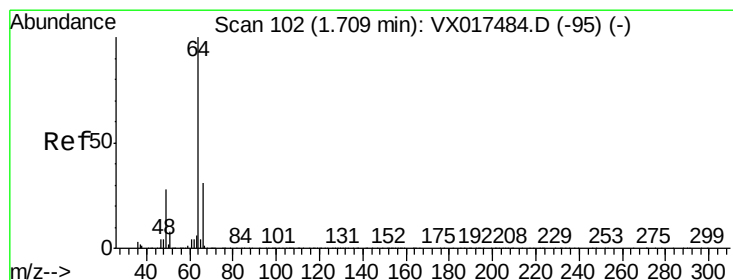
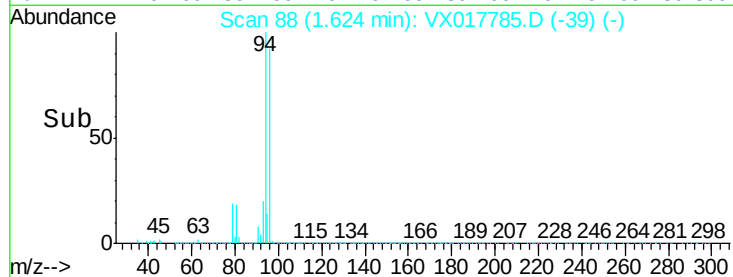
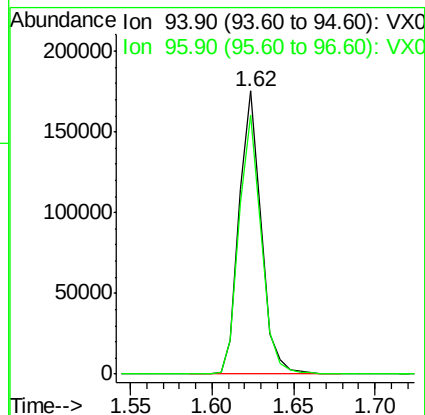
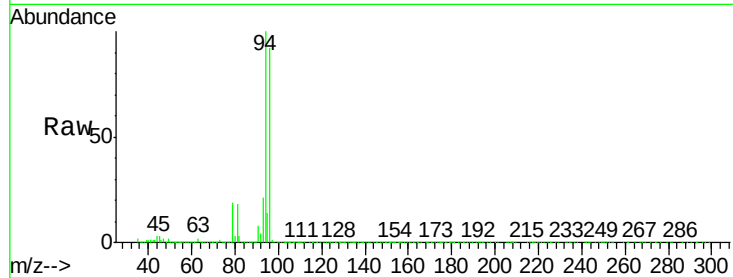
Ion Ratio Lower Upper

94 100

96 91.5 74.1 111.1

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#6

Chloroethane

Concen: 45.824 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017785.D

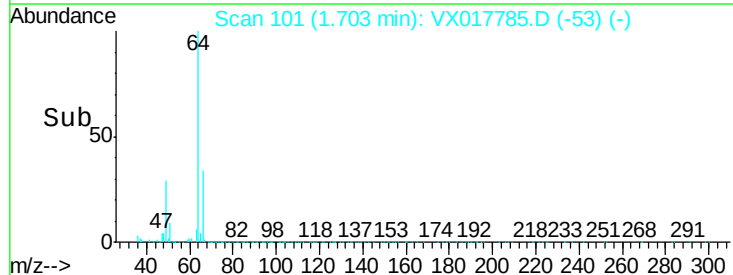
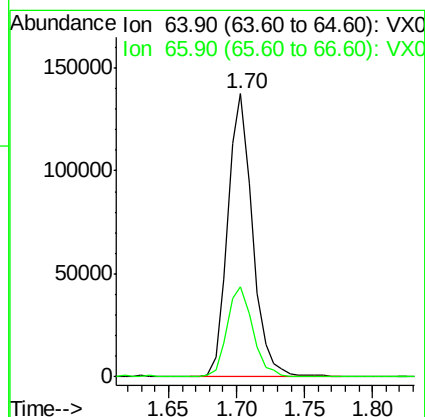
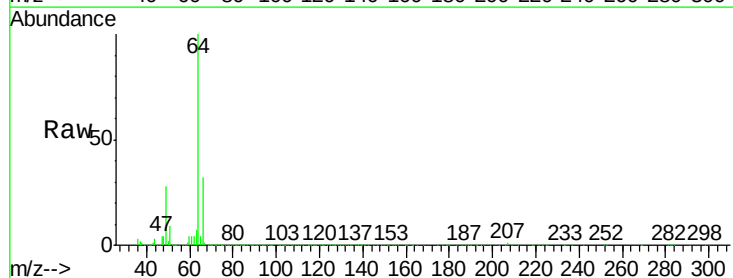
Acq: 04 Aug 2020 20:46

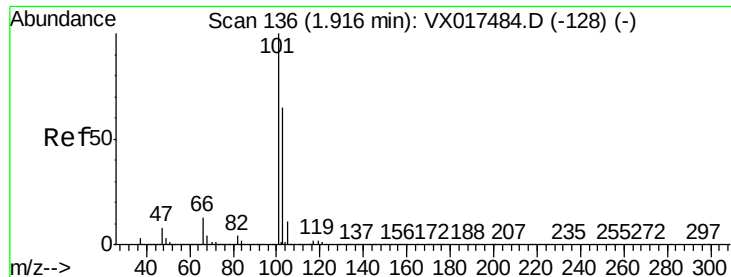
Tgt Ion: 64 Resp: 172023

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3





#7

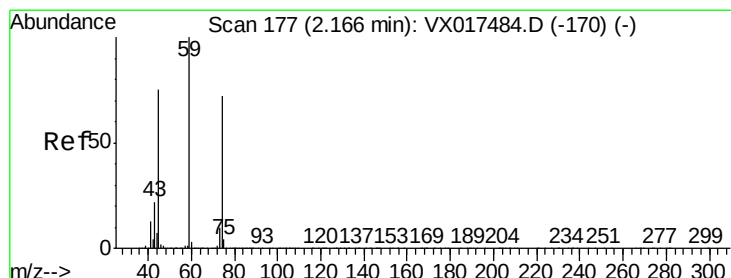
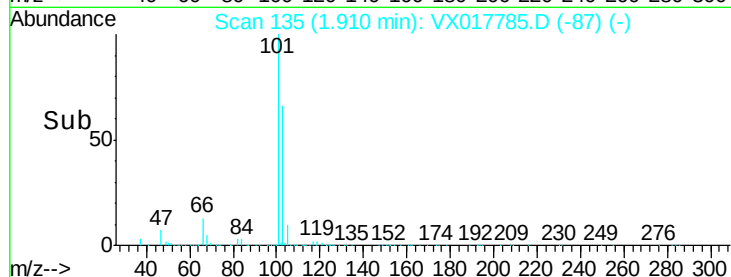
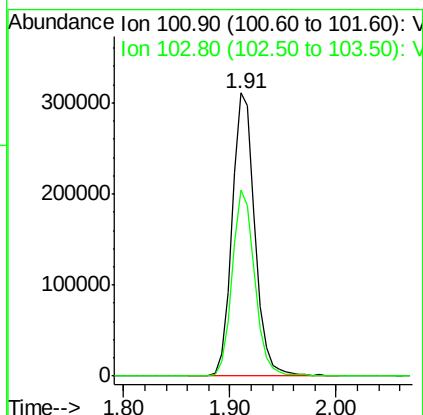
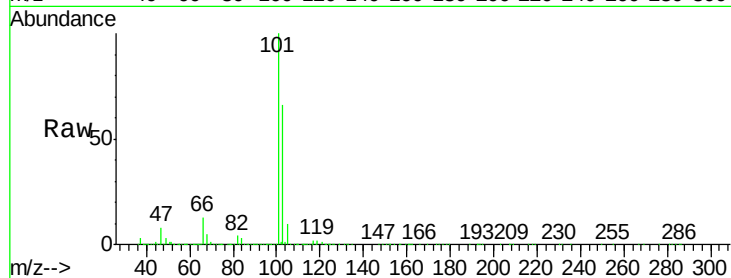
Trichlorofluoromethane
 Concen: 43.583 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.8	77.8

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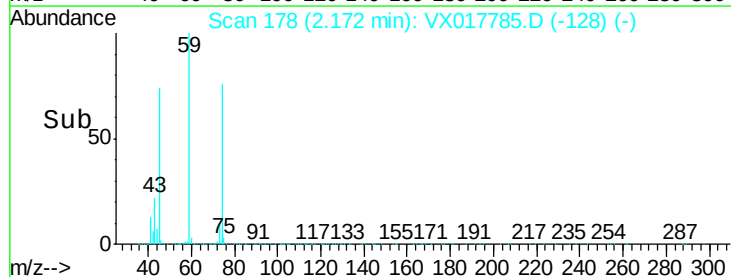
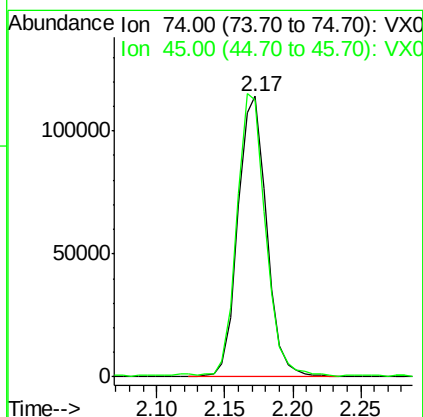
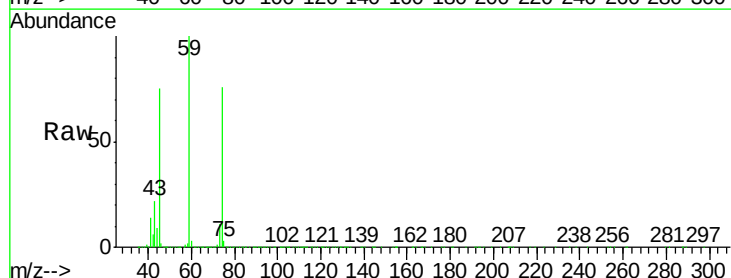
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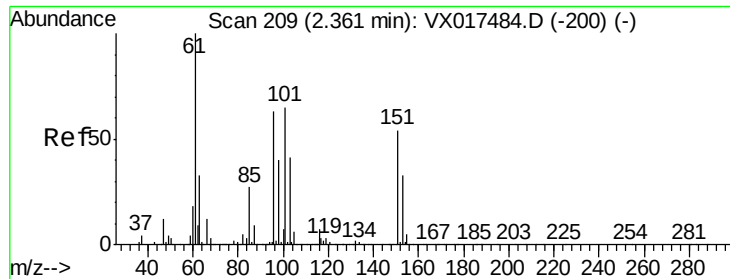


#8

Diethyl Ether
 Concen: 48.128 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX017785.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.874 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

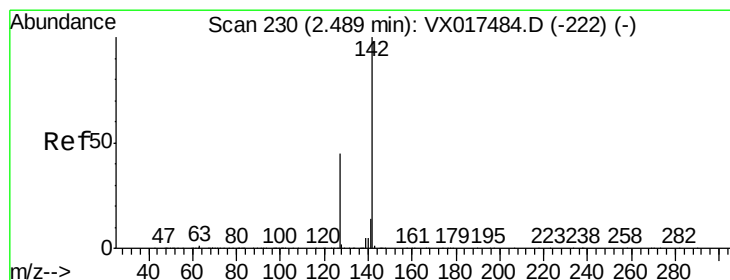
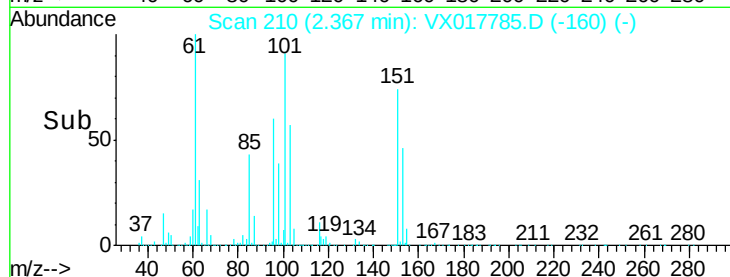
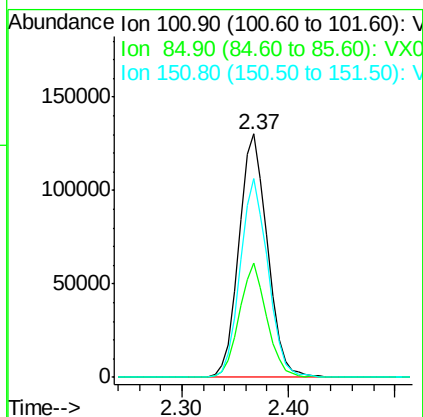
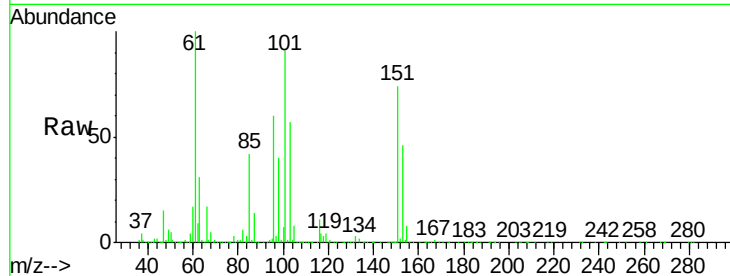
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	245711
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.8	52.2
151	80.0	68.0	102.0

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#10

Methyl Iodide

Concen: 39.319 ug/l

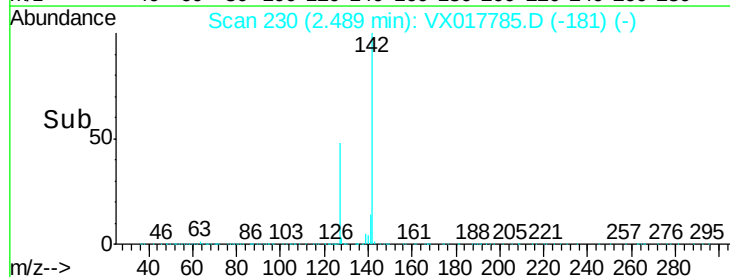
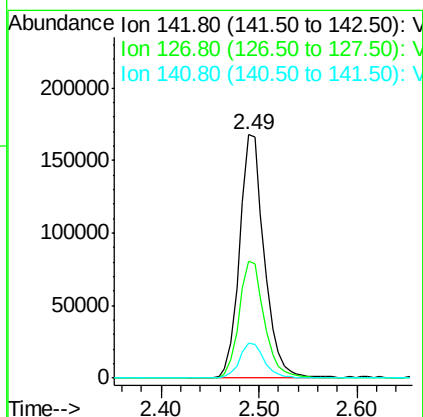
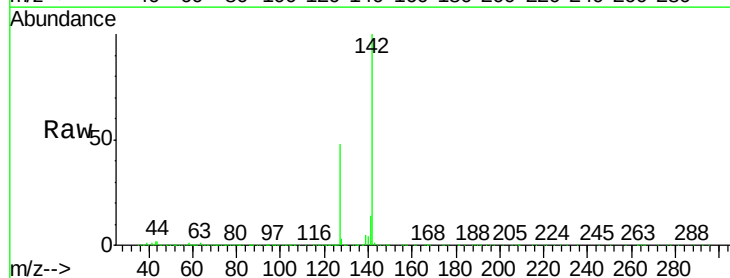
RT: 2.49 min Scan# 230

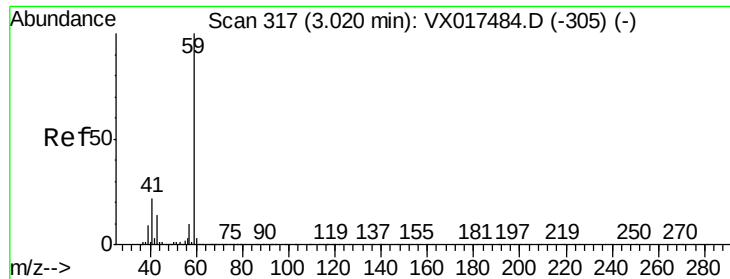
Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion:	142	Resp:	295168
Ion Ratio	Lower	Upper	
142	100		
127	49.0	35.9	53.9
141	14.5	11.4	17.0





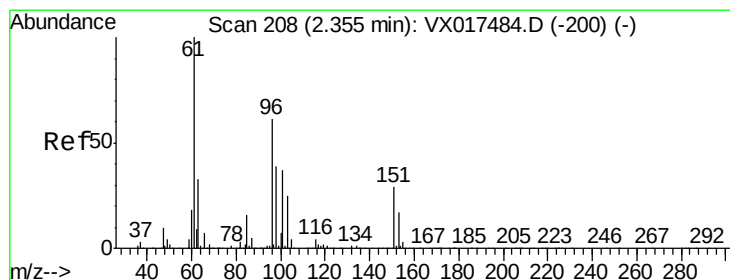
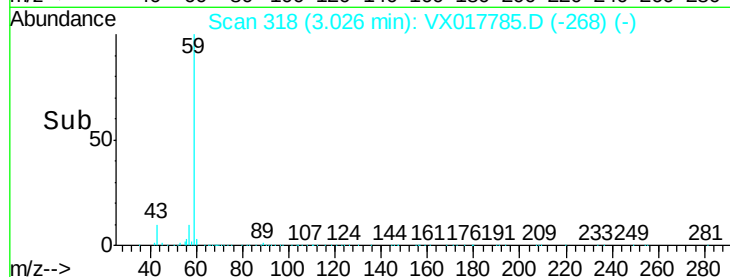
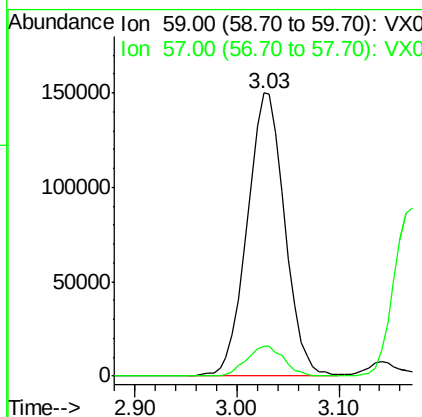
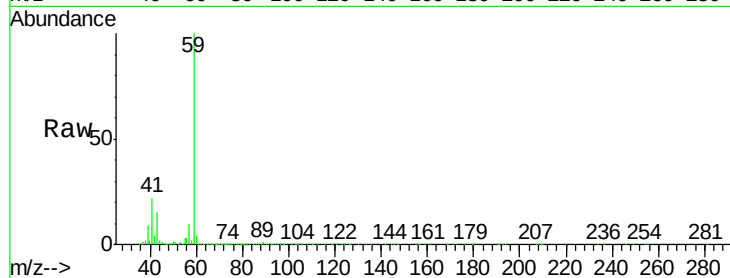
#11
Tert butyl alcohol
Concen: 261.982 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 383170
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

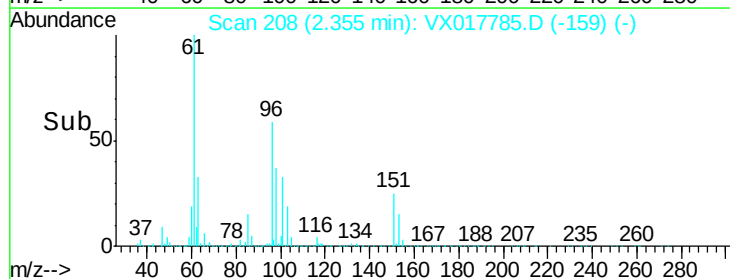
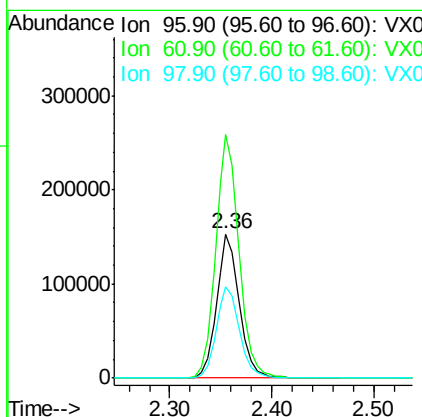
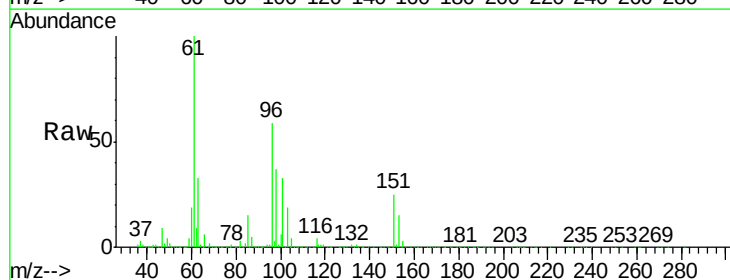
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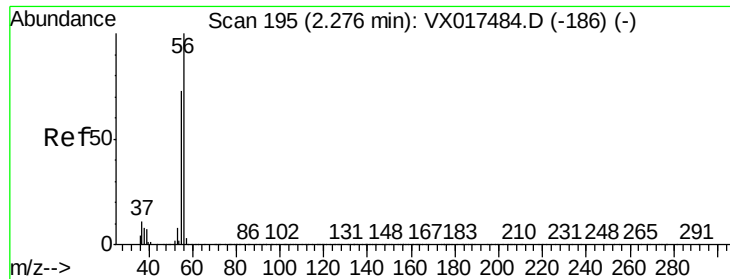
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#12
1,1-Dichloroethene
Concen: 42.228 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 96 Resp: 235635
Ion Ratio Lower Upper
96 100
61 169.1 134.0 201.0
98 63.1 51.0 76.4





#13

Acrolein

Concen: 232.010 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 258737

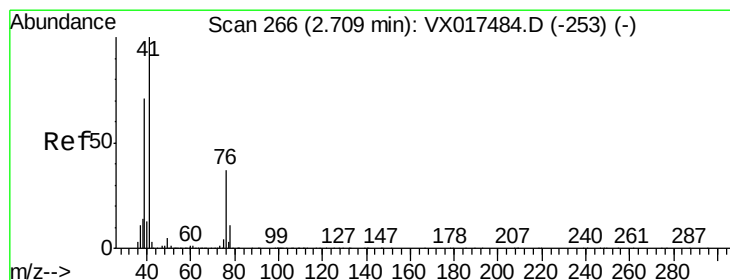
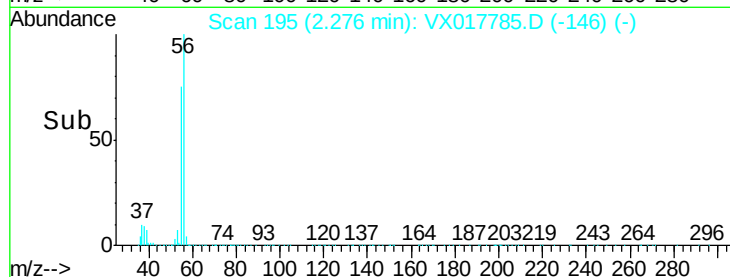
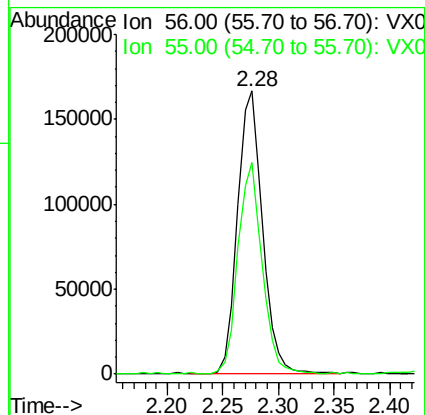
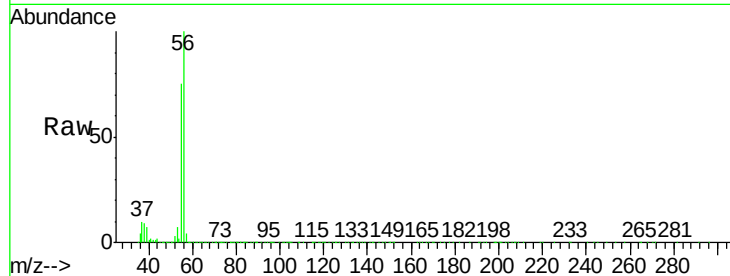
Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.2

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#14

Allyl chloride

Concen: 46.360 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

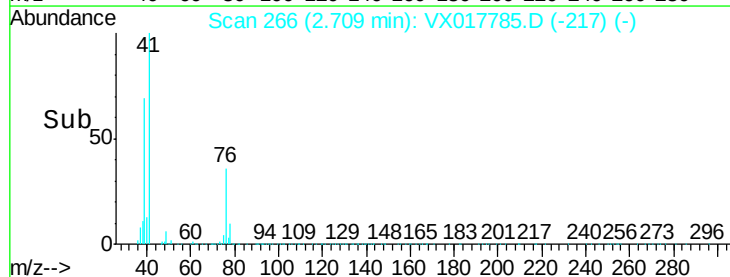
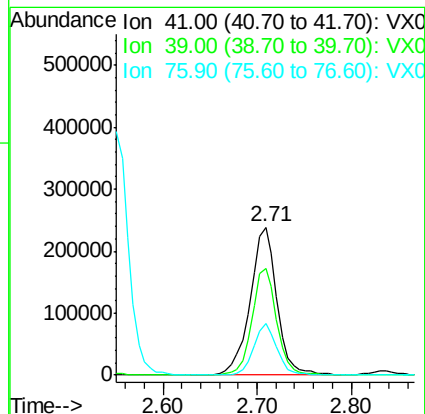
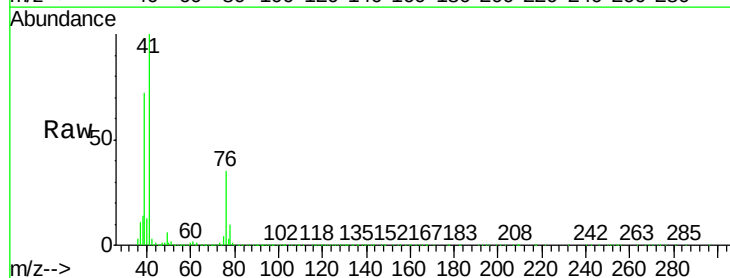
Tgt Ion: 41 Resp: 472365

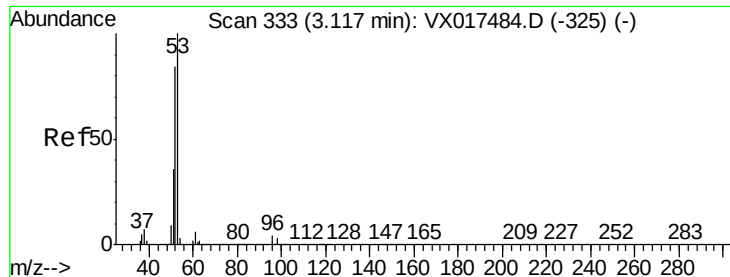
Ion Ratio Lower Upper

41 100

39 66.6 51.9 77.9

76 30.2 25.5 38.3





#15

Acrylonitrile

Concen: 272.690 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

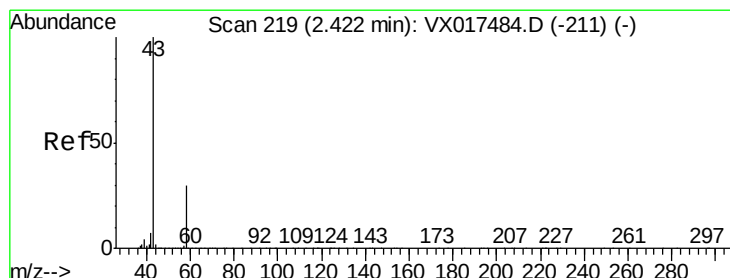
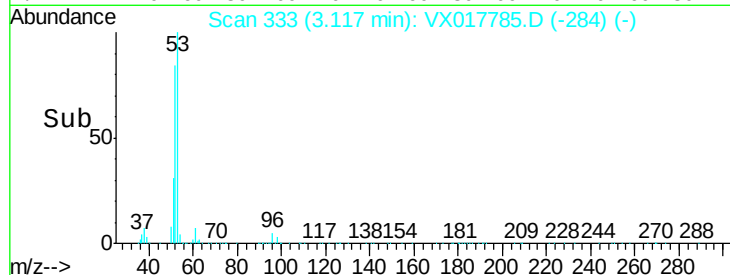
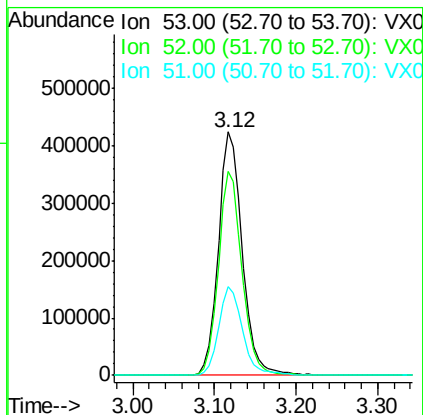
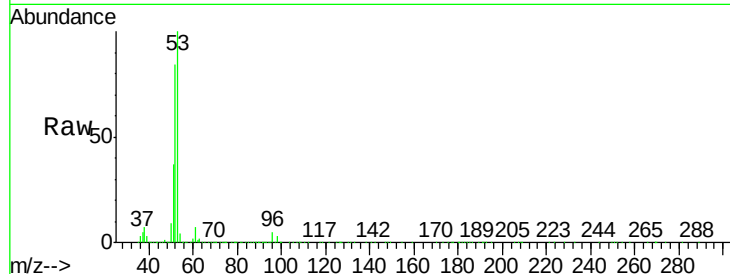
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	861427
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	36.8	29.4	44.2

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#16

Acetone

Concen: 255.882 ug/l

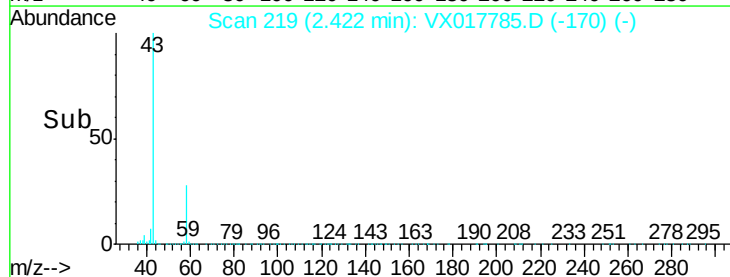
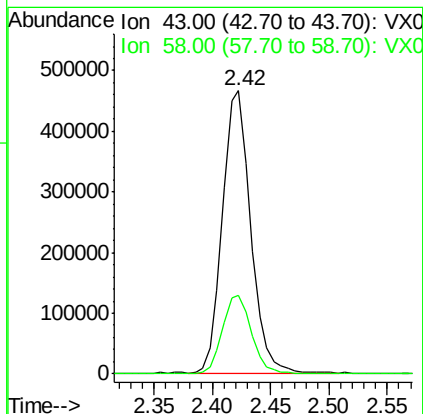
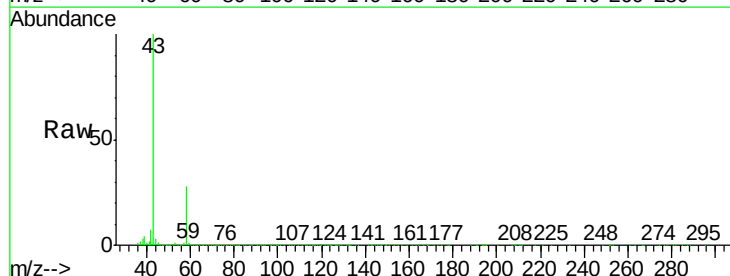
RT: 2.42 min Scan# 219

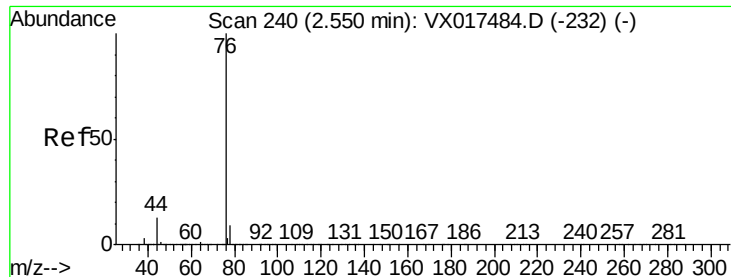
Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion:	43	Resp:	781556
Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.2	36.4





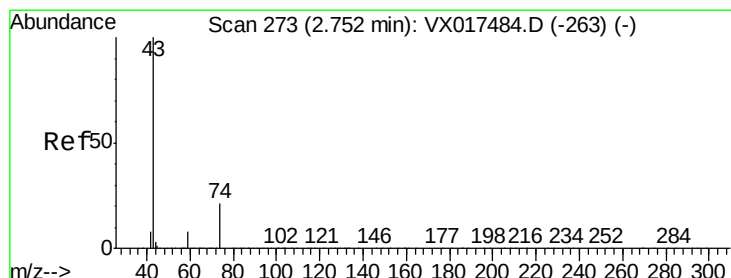
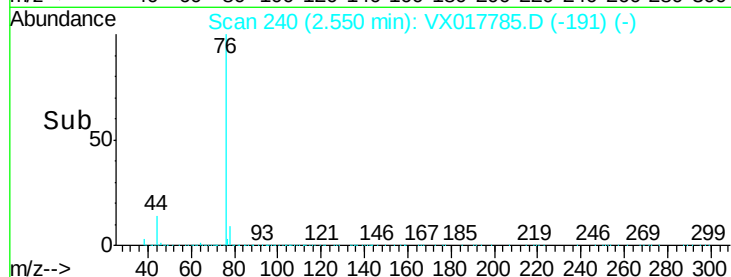
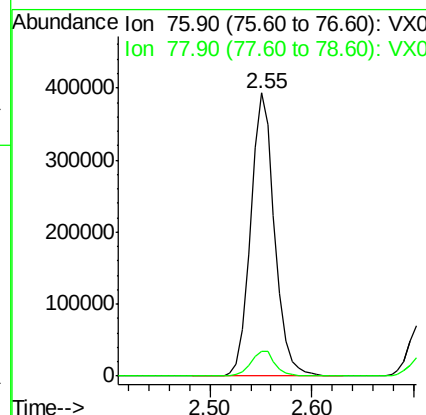
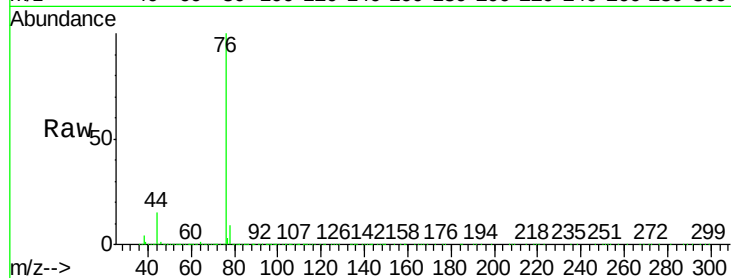
#17
Carbon Disulfide
Concen: 37.551 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

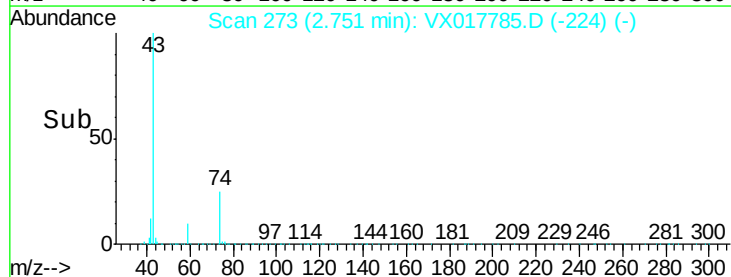
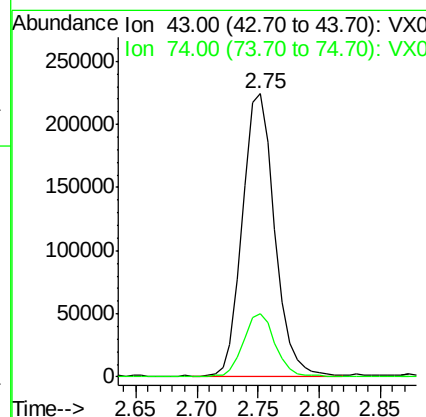
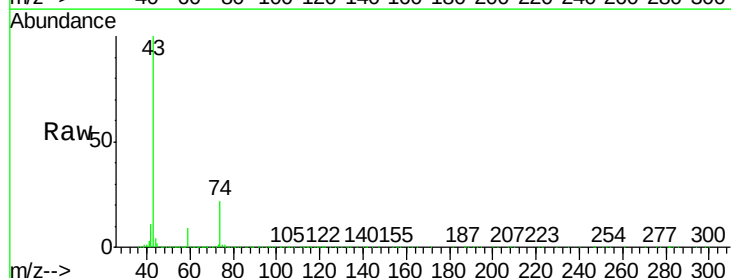
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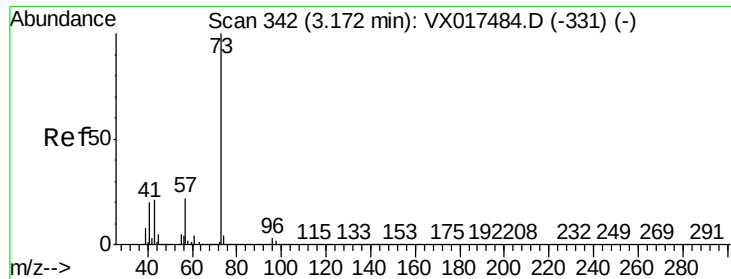
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#18
Methyl Acetate
Concen: 56.862 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.5	26.3





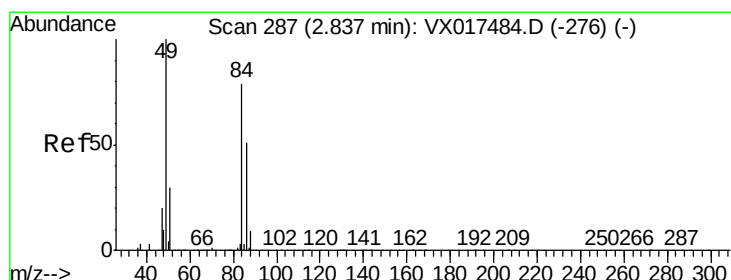
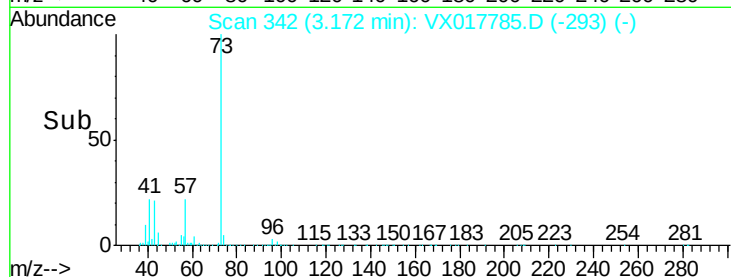
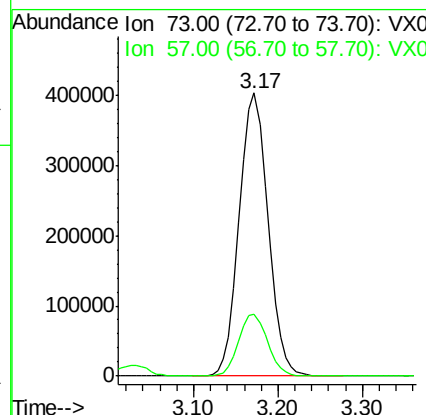
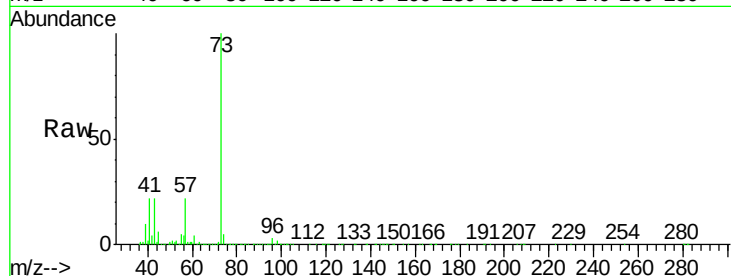
#19
Methyl tert-butyl Ether
Concen: 48.213 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 931171
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.4

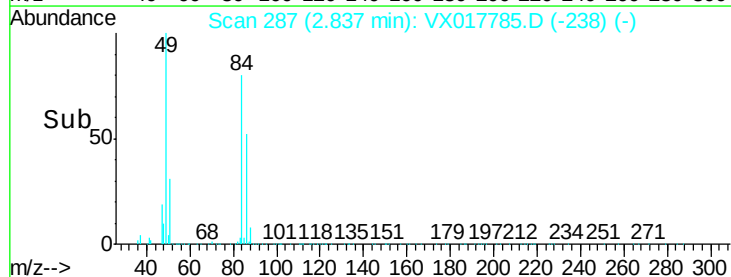
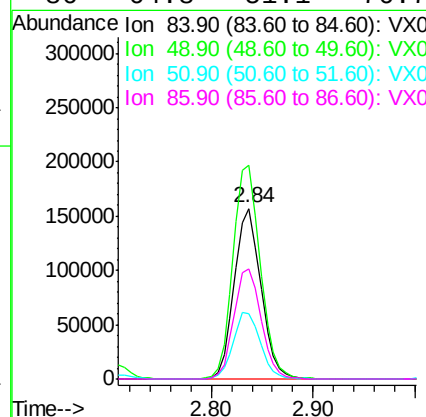
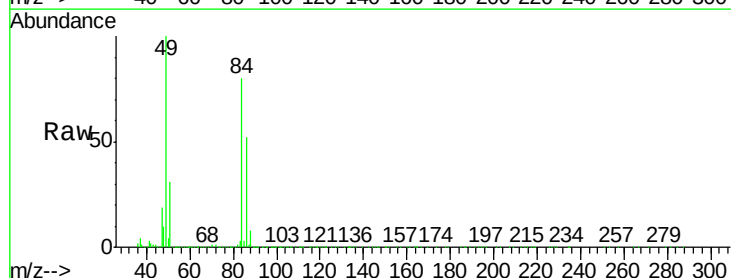
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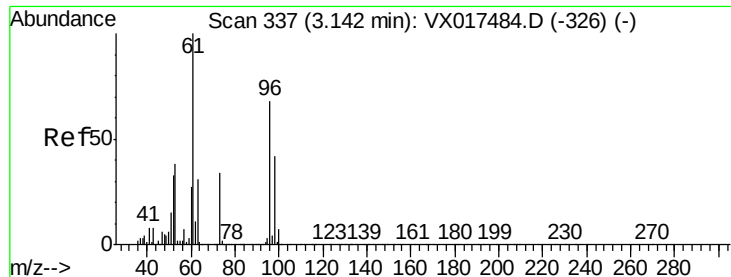
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#20
Methylene Chloride
Concen: 49.430 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 84 Resp: 284429
Ion Ratio Lower Upper
84 100
49 125.2 100.3 150.5
51 38.3 30.5 45.7
86 64.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.653 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 272908

Ion Ratio Lower Upper

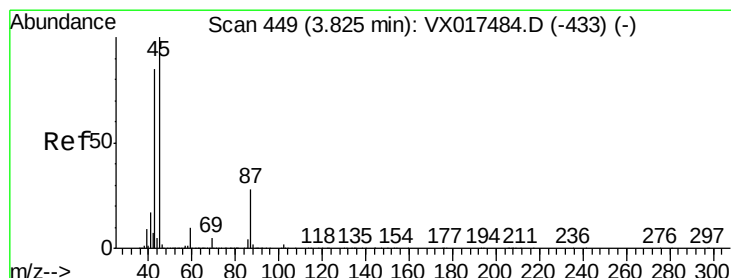
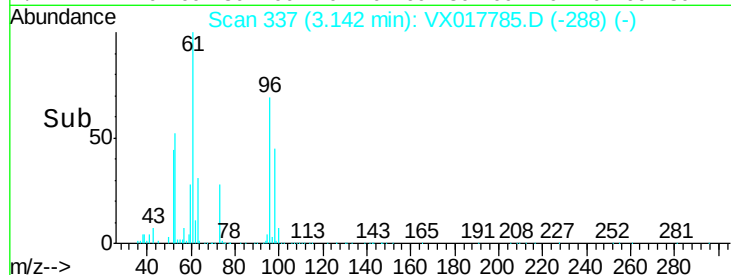
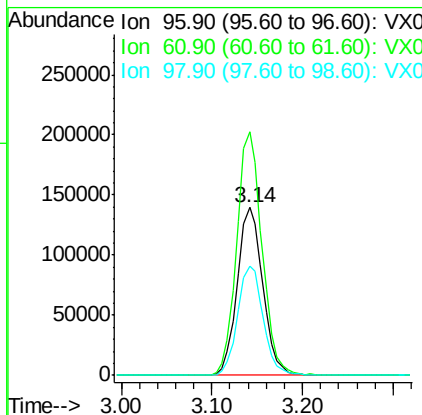
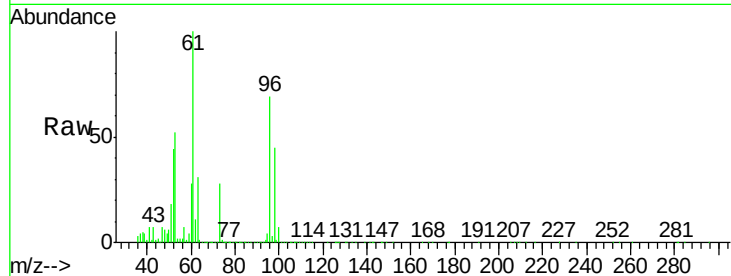
96 100

61 145.0 113.0 169.4

98 65.4 51.8 77.8

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#22

Diisopropyl ether

Concen: 47.187 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion: 45 Resp: 879107

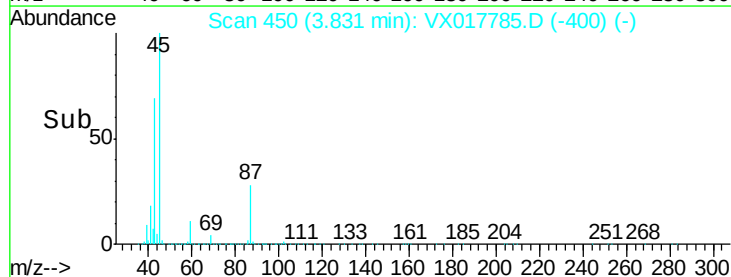
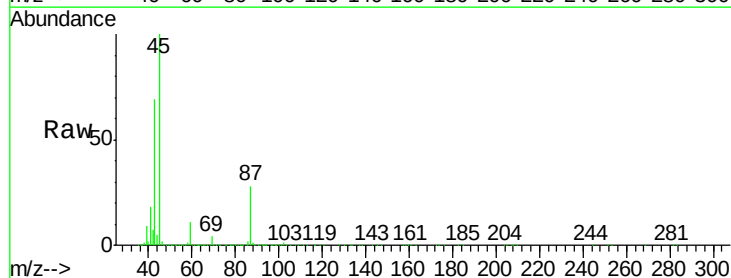
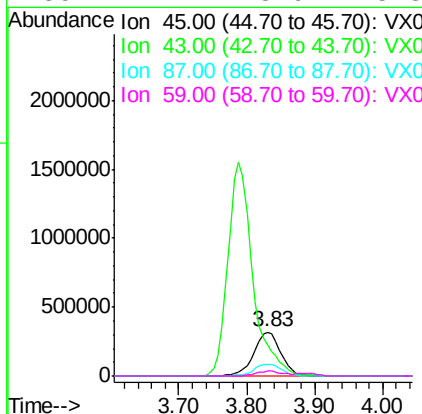
Ion Ratio Lower Upper

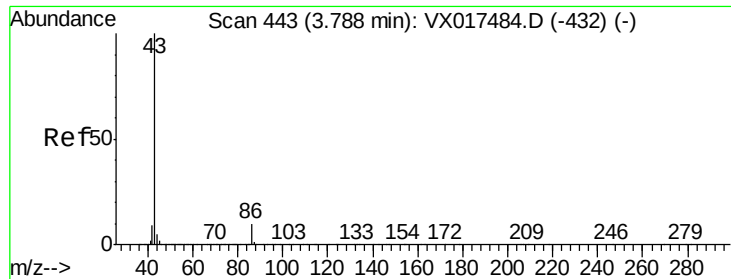
45 100

43 69.2 52.0 78.0

87 27.7 22.2 33.4

59 11.2 8.9 13.3





#23

Vinyl Acetate

Concen: 237.914 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3952051

Ion Ratio Lower Upper

43 100

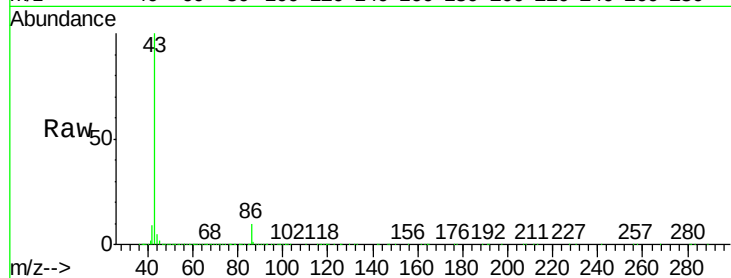
86 10.4 8.2 12.4

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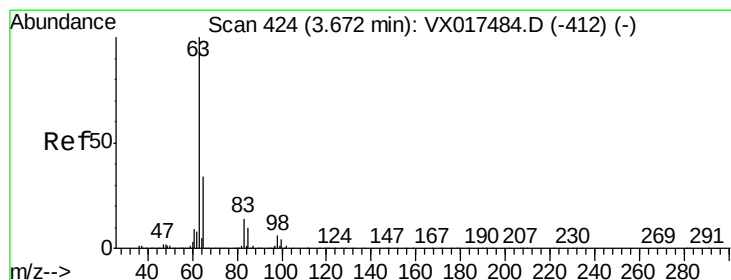
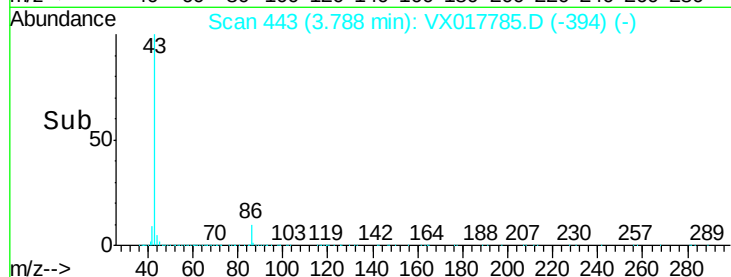
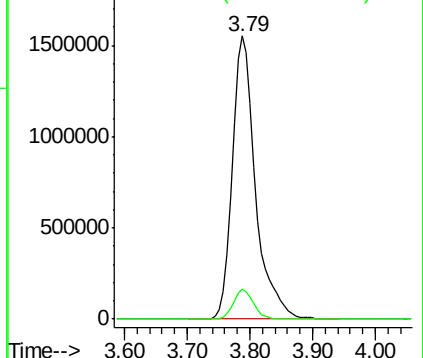
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.192 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

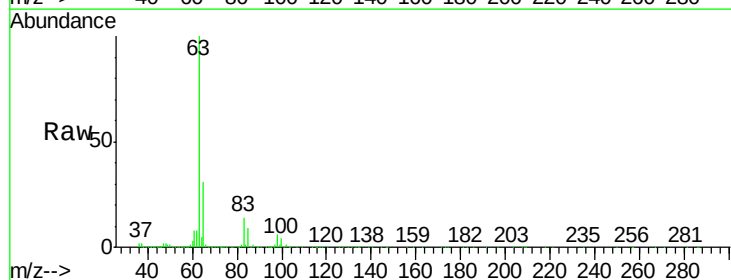
Tgt Ion: 63 Resp: 495737

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

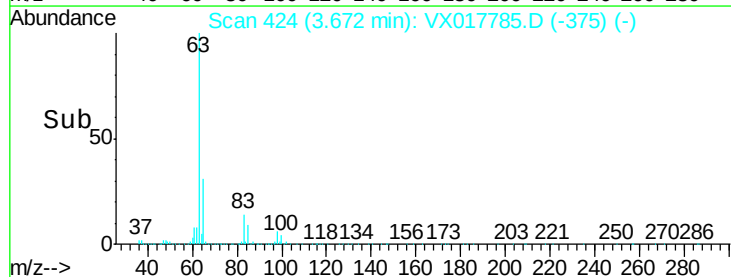
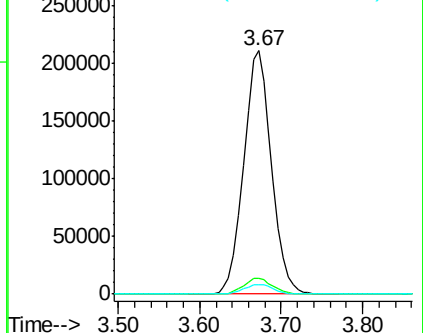
100 3.8 1.9 5.7

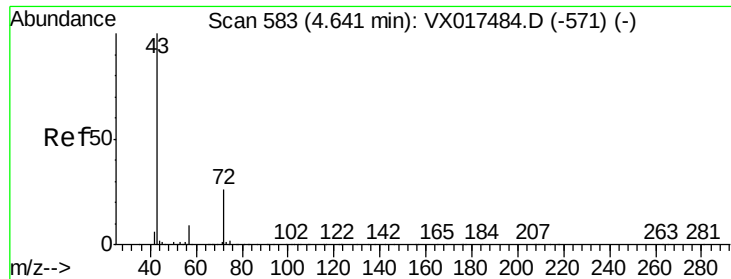


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 282.391 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1225303

Ion Ratio Lower Upper

43 100

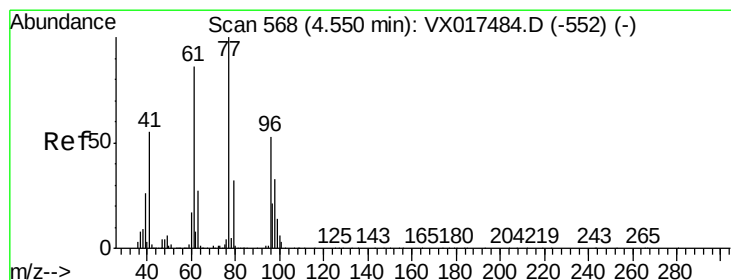
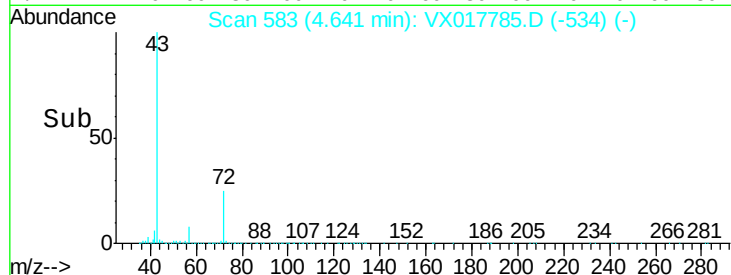
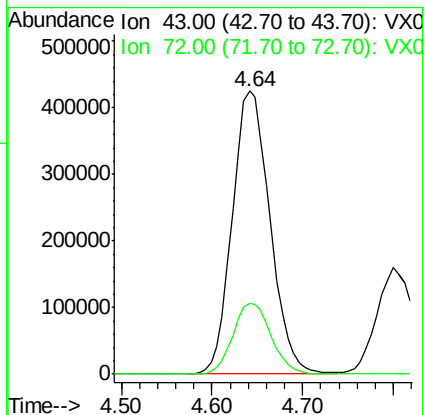
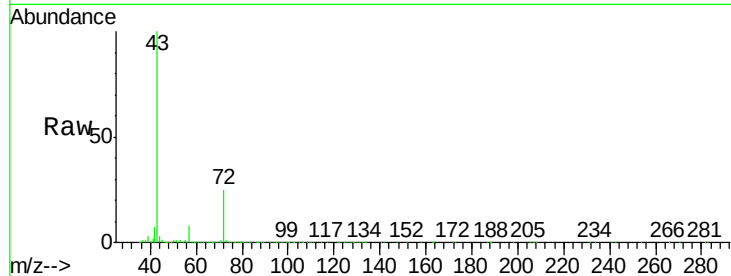
72 24.9 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 36.175 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017785.D

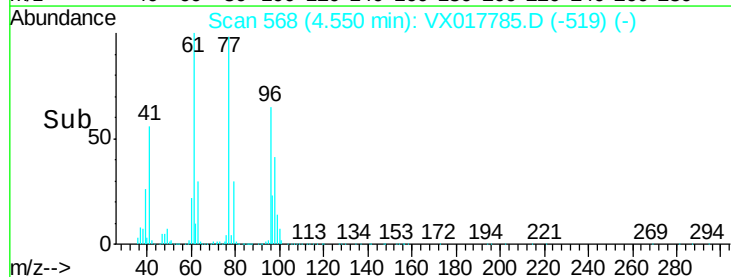
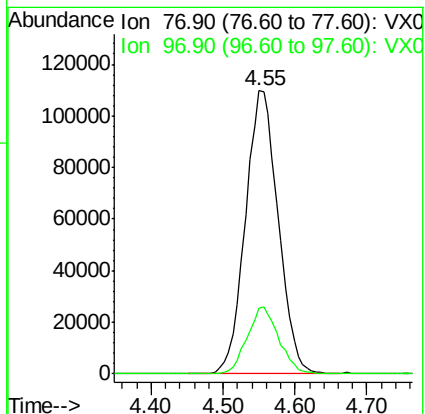
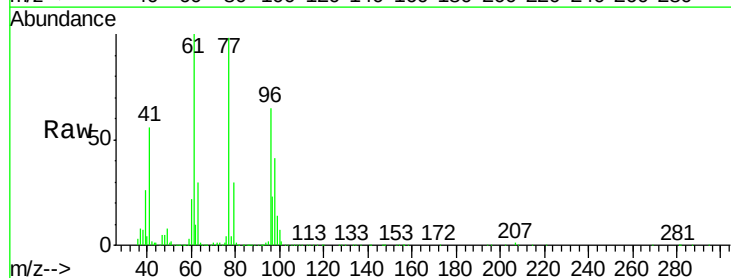
Acq: 04 Aug 2020 20:46

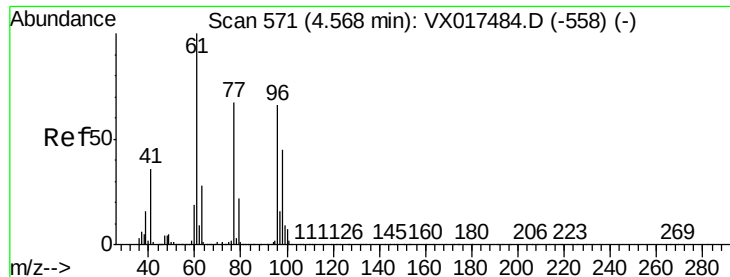
Tgt Ion: 77 Resp: 347522

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

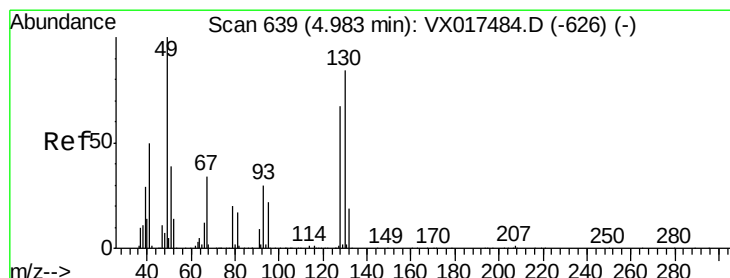
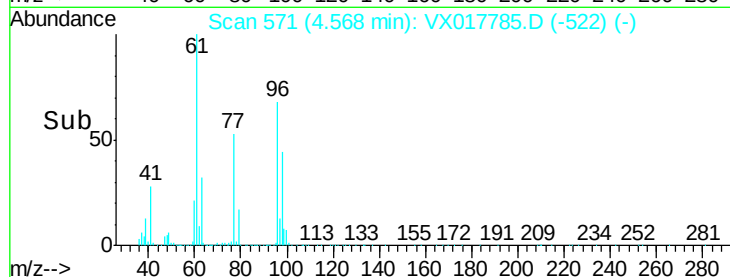
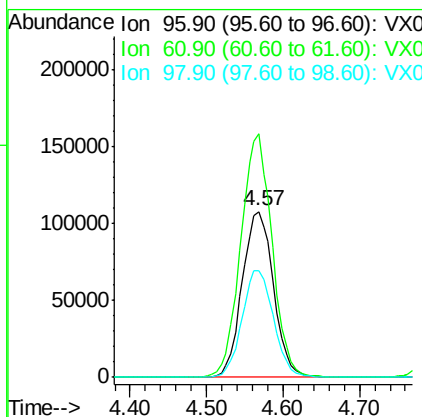
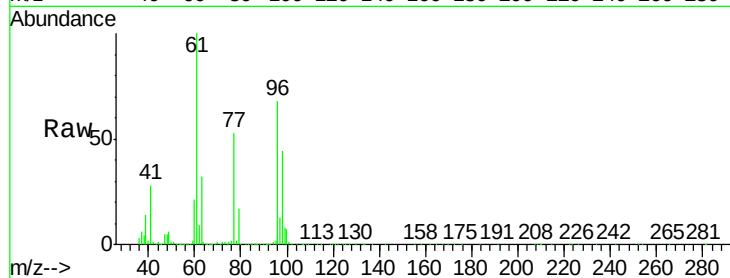
cis-1,2-Dichloroethene
Concen: 47.288 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	307038		
61	145.8	0.0	301.2	
98	65.1	0.0	130.0	

Manual Integrations
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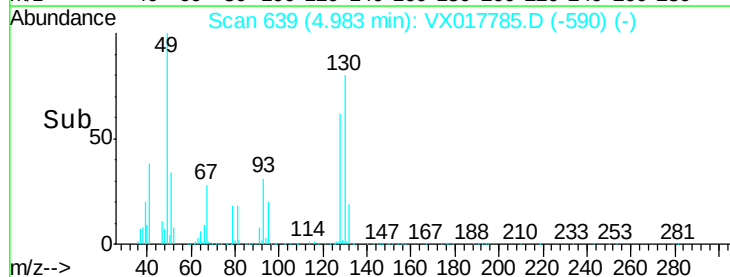
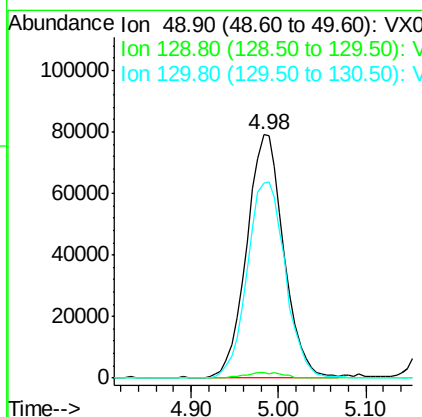
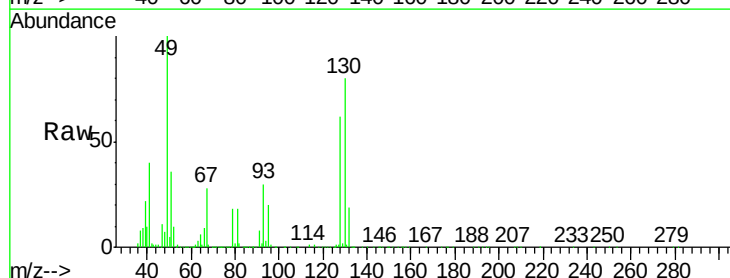
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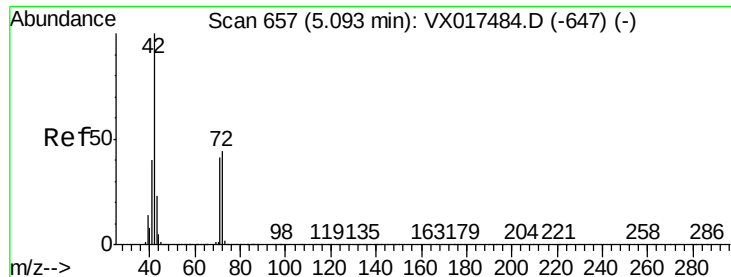


#28

Bromochloromethane
Concen: 48.037 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	233621		
129	2.3	0.0	4.6	
130	82.7	66.7	100.1	





#29

Tetrahydrofuran

Concen: 274.770 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

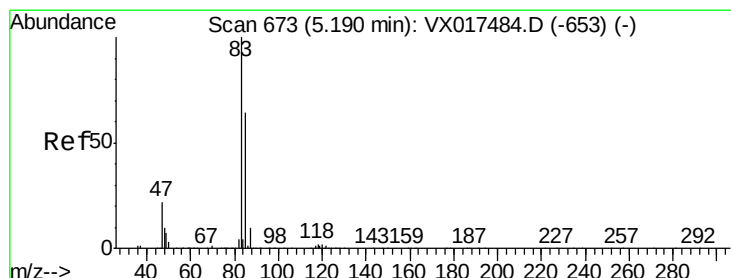
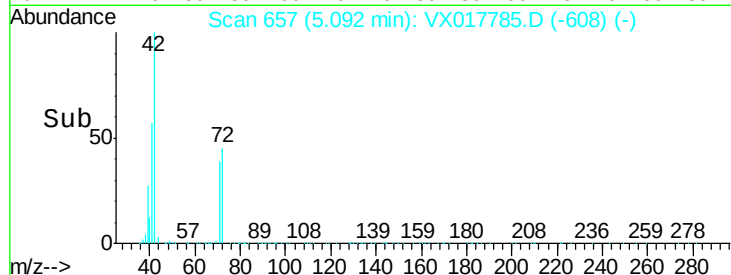
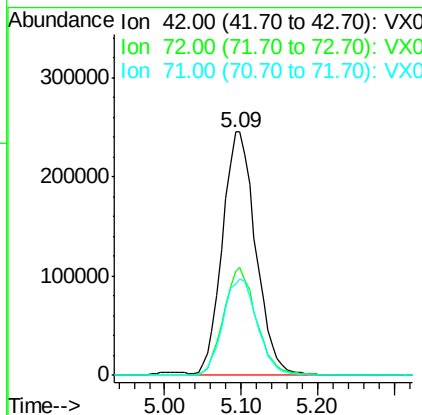
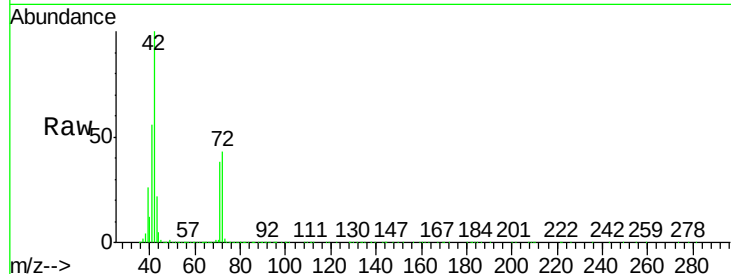
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	42	Resp:	738501
Ion Ratio		Lower	Upper
42	100		
72	43.6	35.5	53.3
71	40.9	33.0	49.4

Manual Integrations
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#30

Chloroform

Concen: 48.239 ug/l

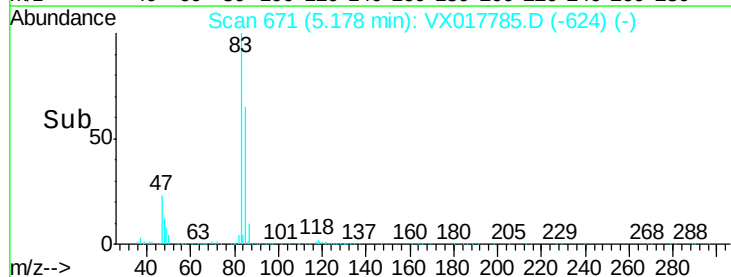
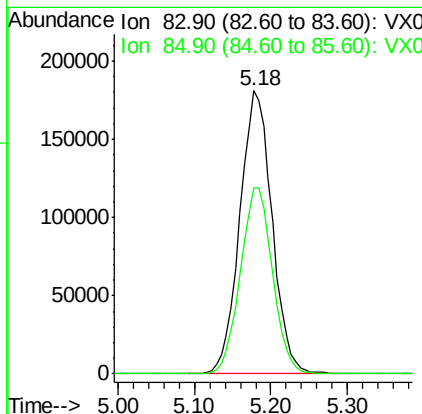
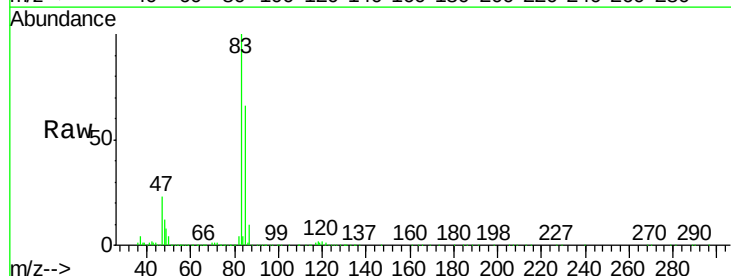
RT: 5.18 min Scan# 671

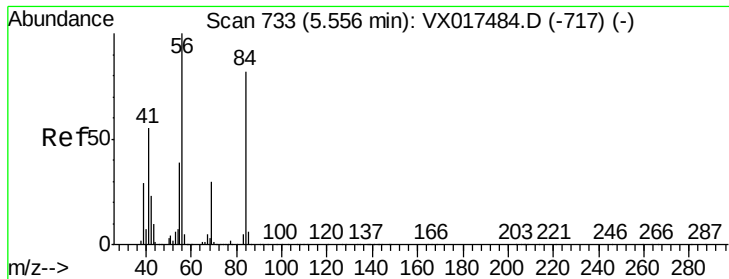
Delta R.T. -0.01 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion:	83	Resp:	528985
Ion Ratio		Lower	Upper
83	100		
85	65.9	51.4	77.2





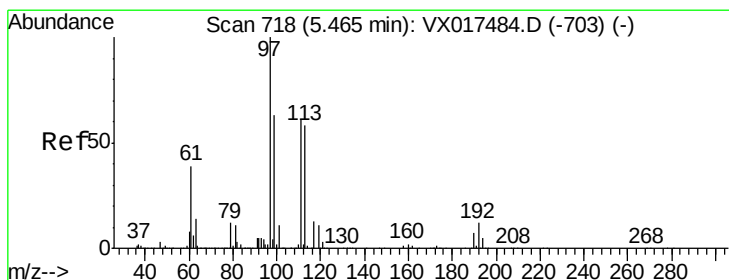
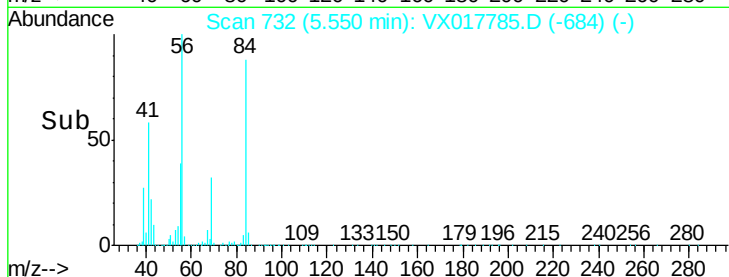
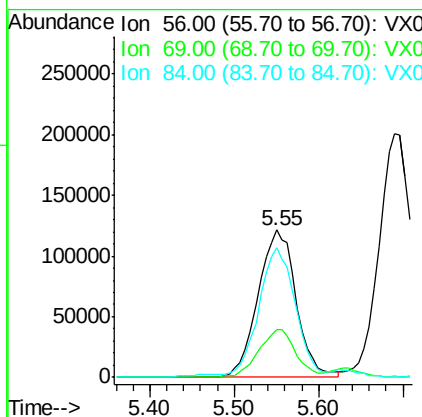
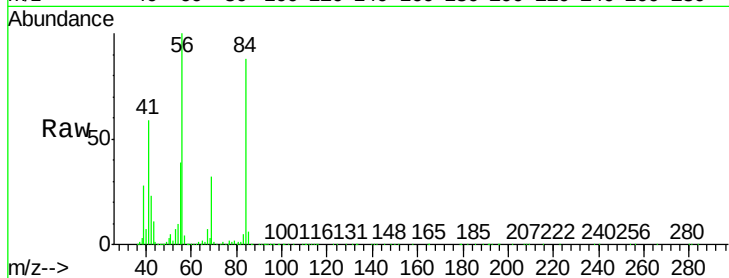
#31
Cyclohexane
Concen: 44.131 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.2	36.4
84	86.9	69.0	103.6

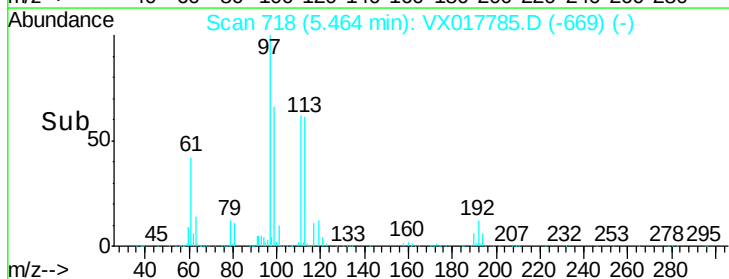
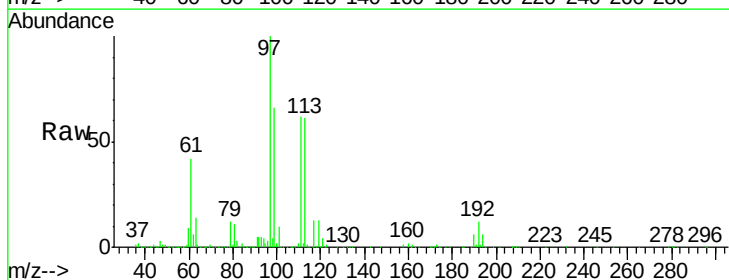
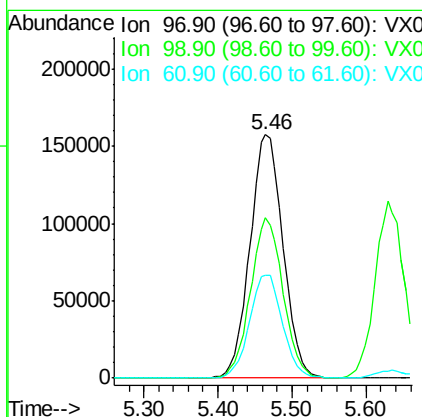
Manual Integrations
APPROVED

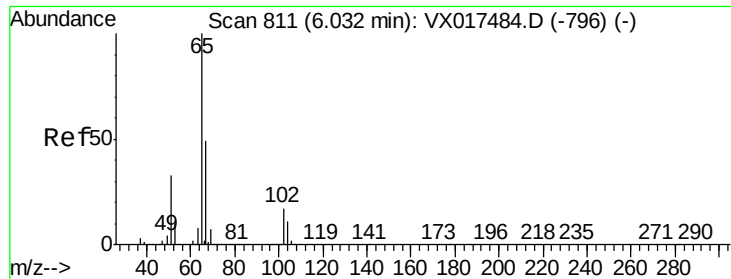
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#32
1,1,1-Trichloroethane
Concen: 47.311 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	42.3	34.1	51.1





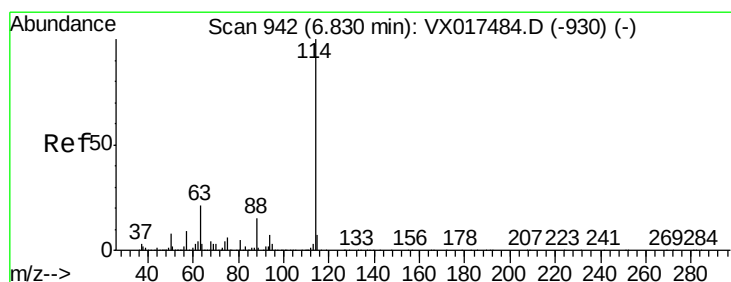
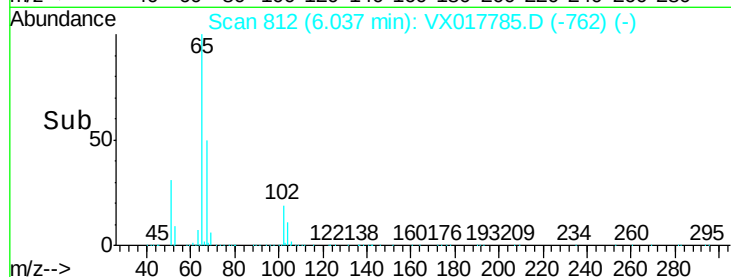
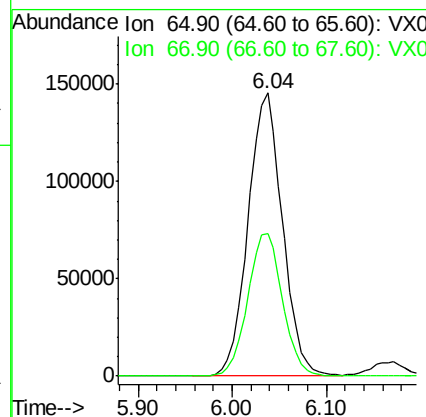
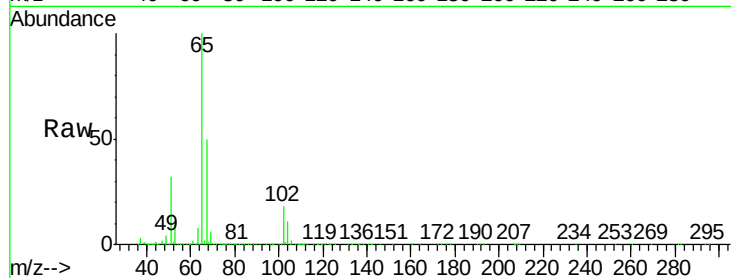
#33
 1,2-Dichloroethane-d4
 Concen: 53.568 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	371742		
67	51.0	0.0	102.8	

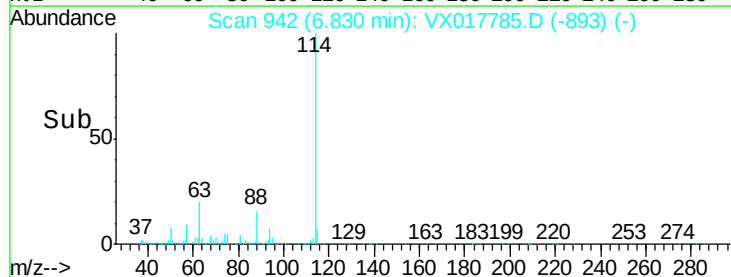
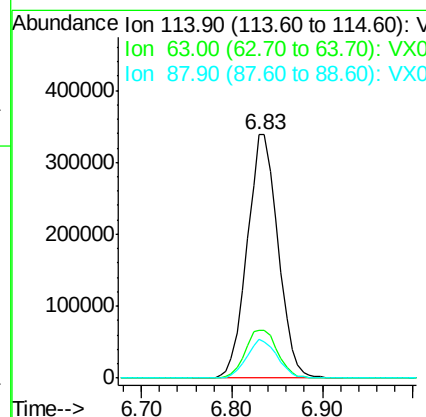
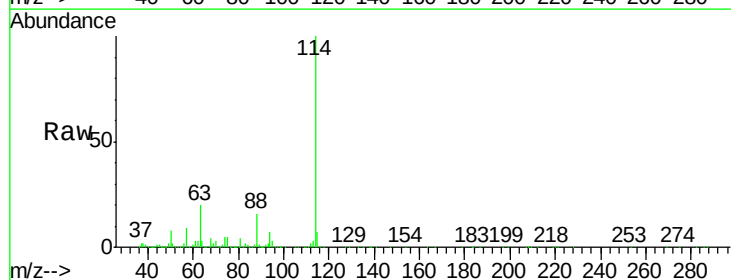
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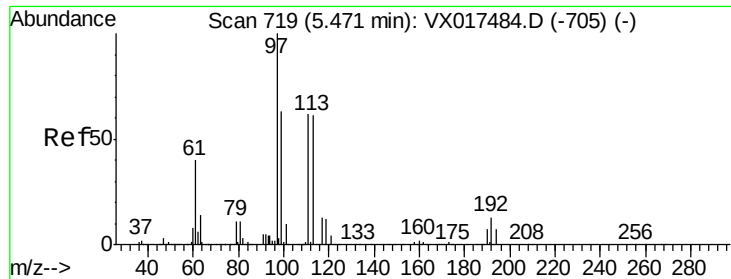
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	798006		
63	19.6	0.0	40.6	
88	15.7	0.0	33.4	





#35

Dibromofluoromethane

Concen: 52.460 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

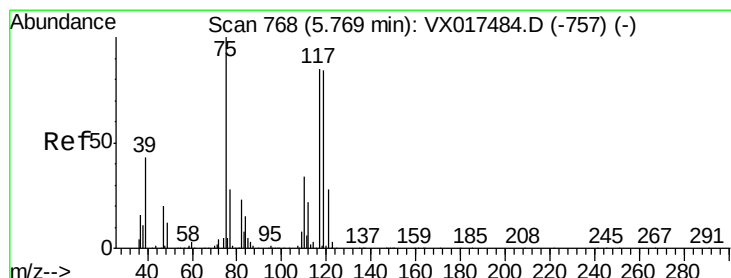
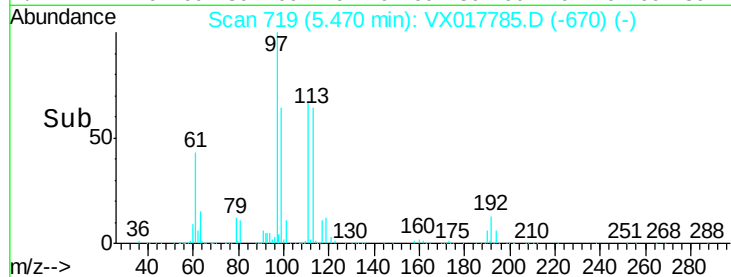
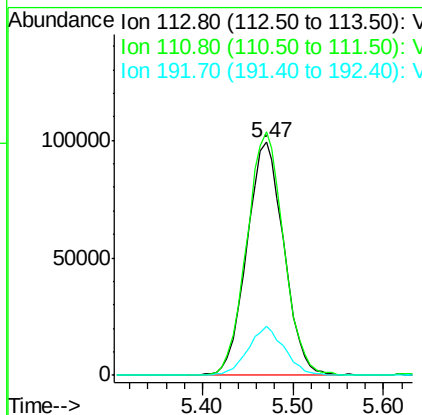
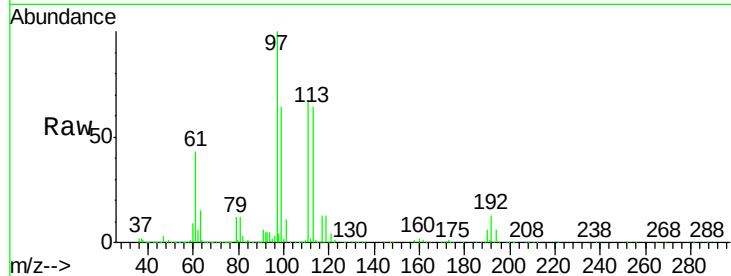
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	279987
Ion Ratio	Lower	Upper	
113	100		
111	104.4	80.7	121.1
192	20.5	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.872 ug/l

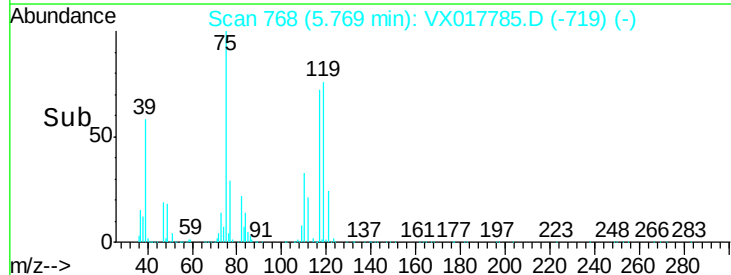
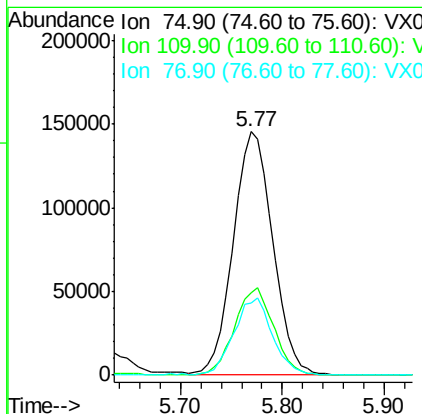
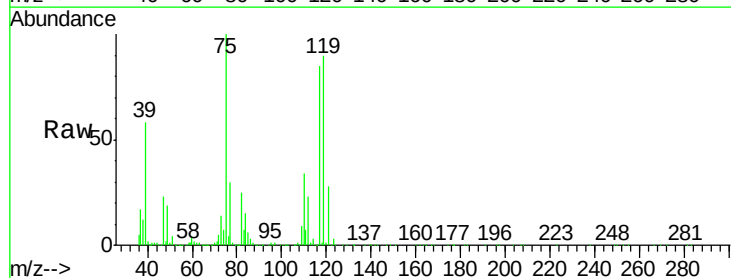
RT: 5.77 min Scan# 768

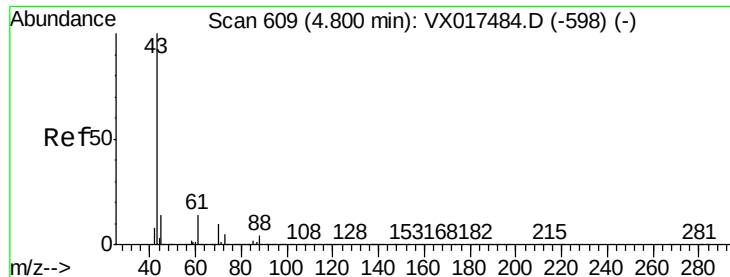
Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion:	75	Resp:	389350
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.3
77	30.8	24.6	37.0





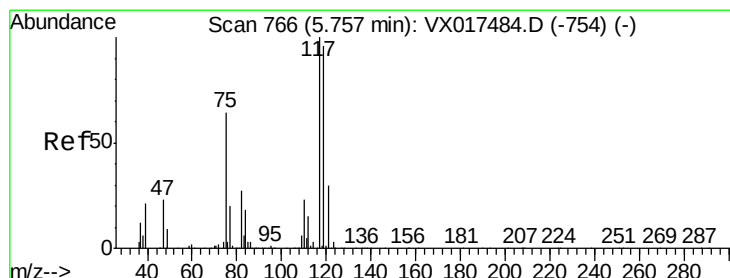
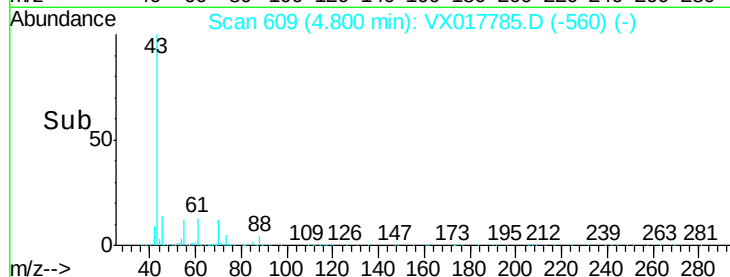
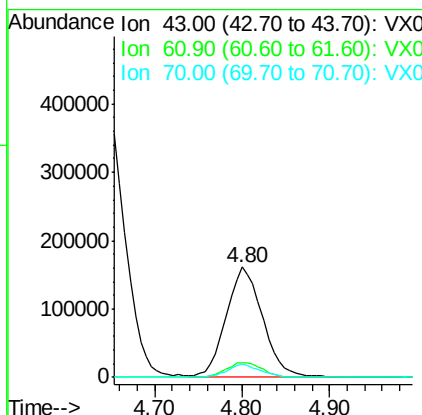
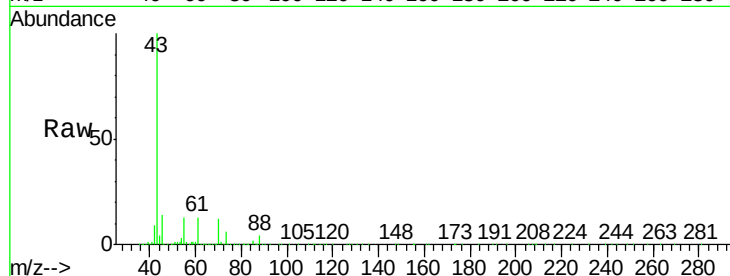
#37
Ethyl Acetate
Concen: 55.234 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.8	8.5	12.7

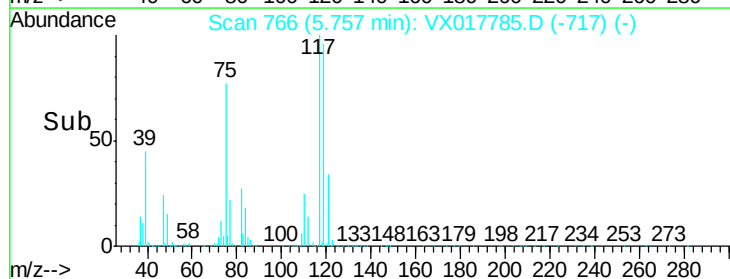
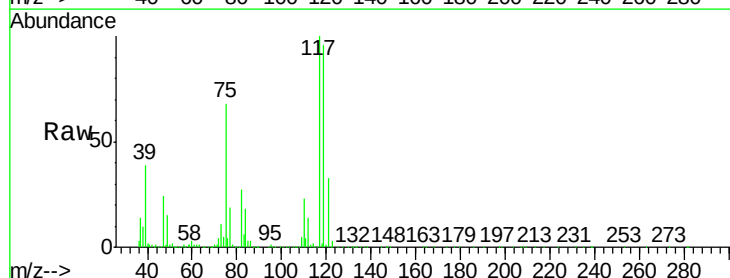
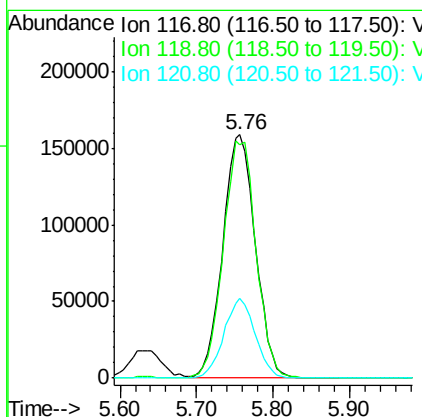
Manual Integrations
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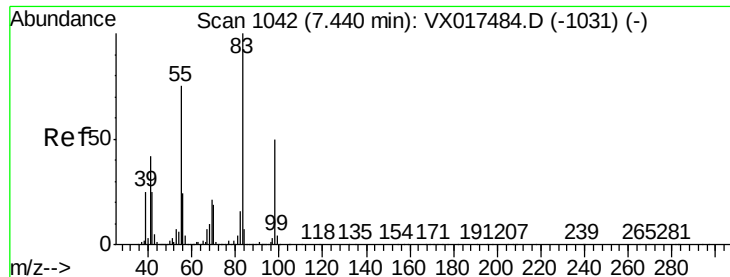
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#38
Carbon Tetrachloride
Concen: 50.255 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
121	32.7	24.3	36.5





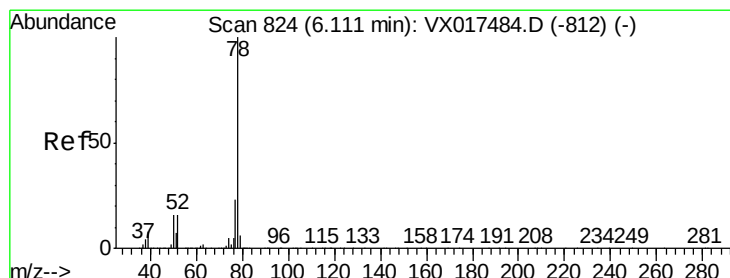
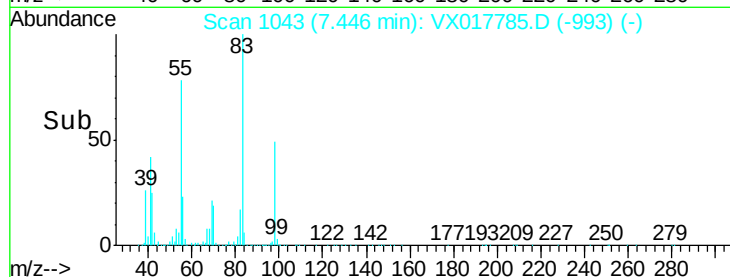
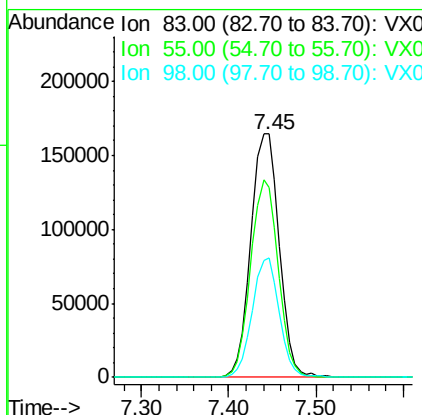
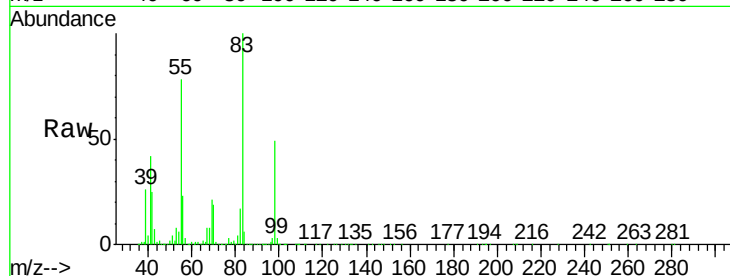
#39
Methylcyclohexane
Concen: 41.767 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.8	92.8
98	49.1	36.9	55.3

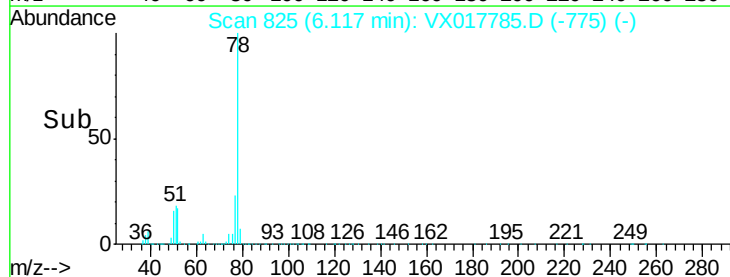
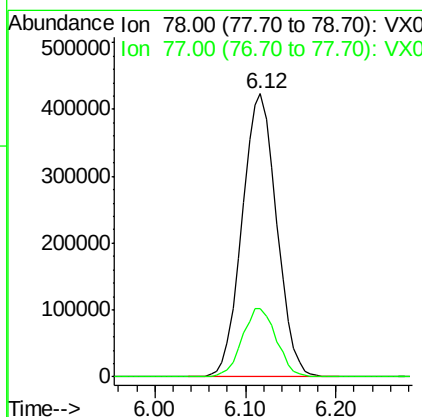
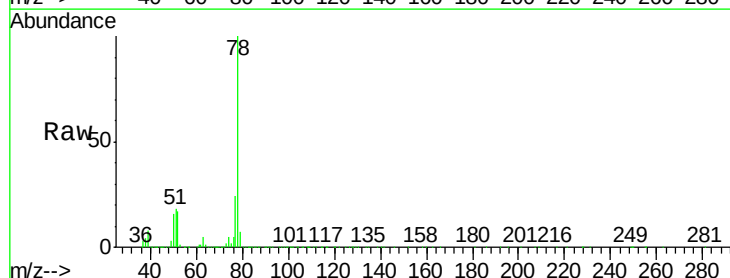
Manual Integrations
APPROVED

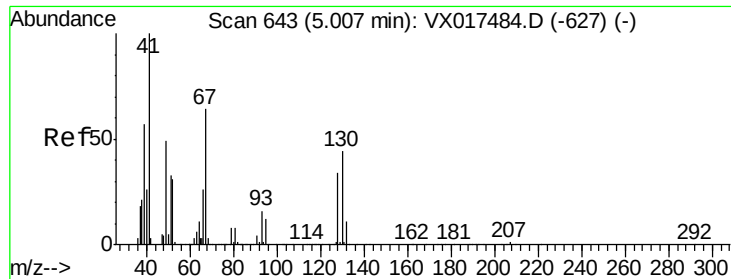
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#40
Benzene
Concen: 50.863 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.2





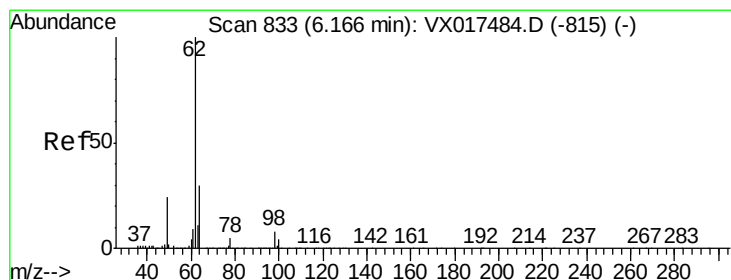
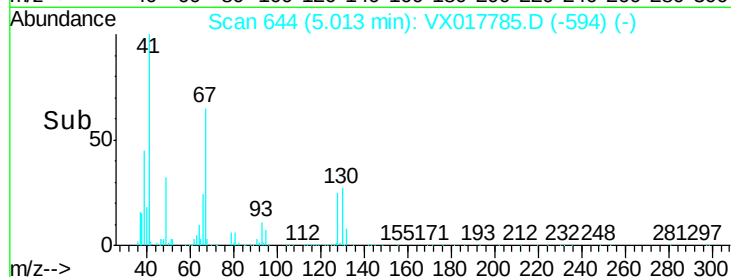
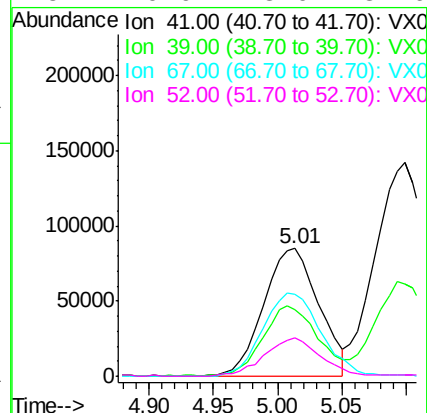
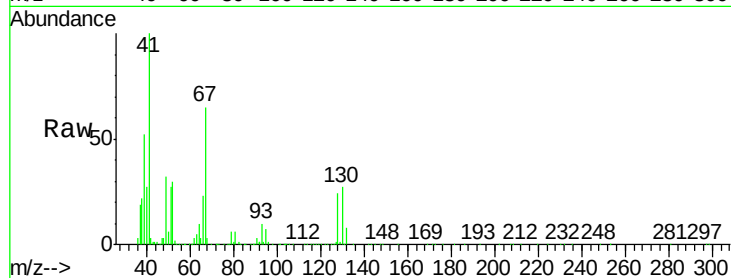
#41
Methacrylonitrile
Concen: 52.579 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.9	65.9
67	69.0	54.0	81.0
52	29.9	23.0	34.6

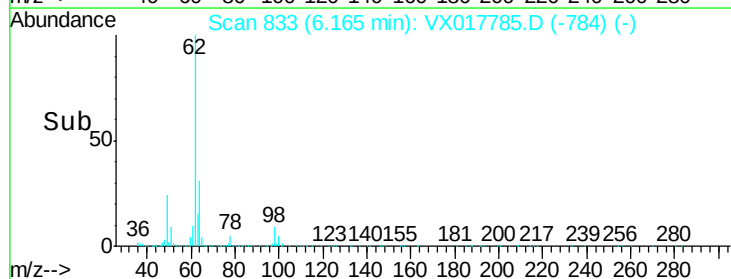
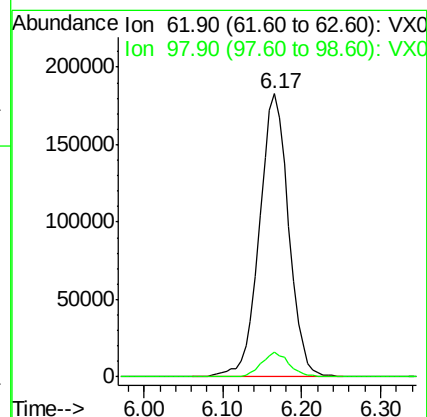
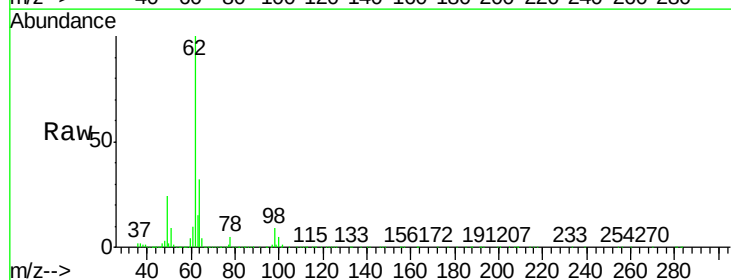
Manual Integrations
APPROVED

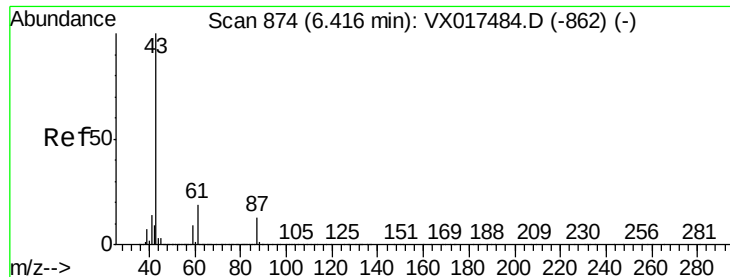
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#42
1,2-Dichloroethane
Concen: 52.408 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0





#43

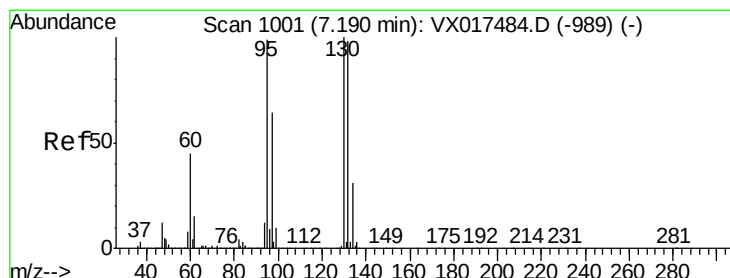
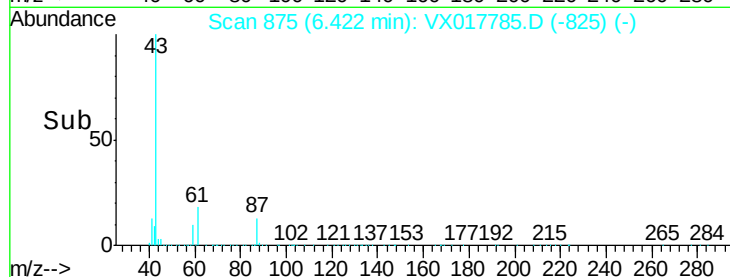
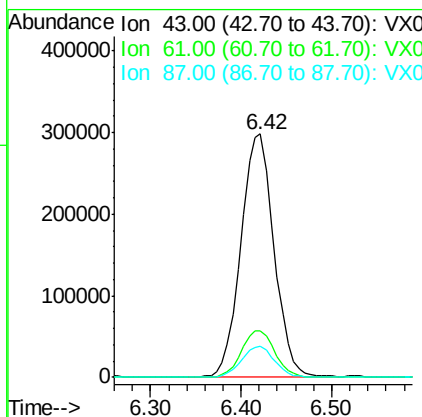
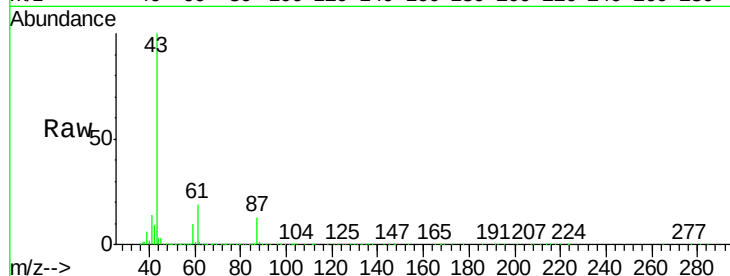
Isopropyl Acetate
 Concen: 54.174 ug/l
 RT: 6.42 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.5	23.3
87	12.8	10.5	15.7

Manual Integrations
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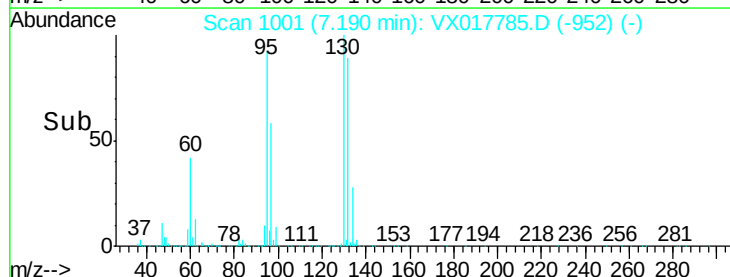
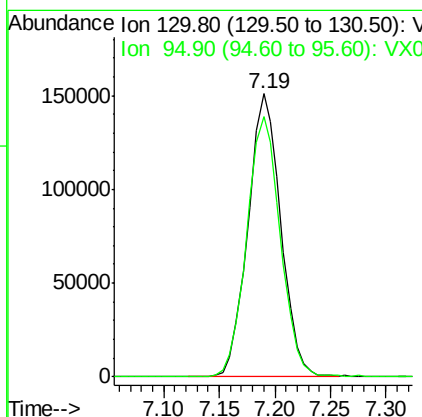
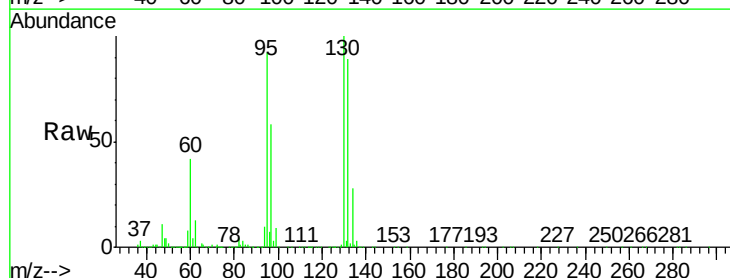
MMDadoda
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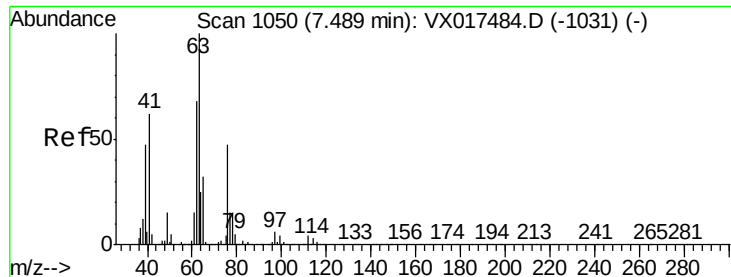


#44

Trichloroethene
 Concen: 48.373 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	189.0





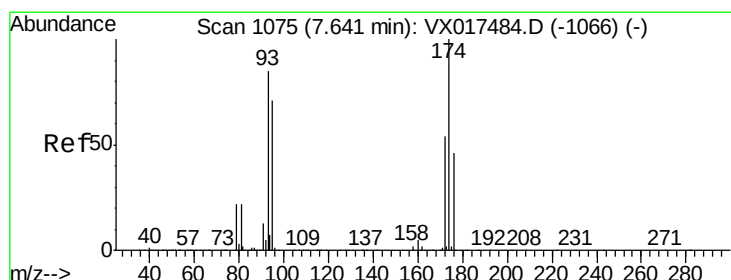
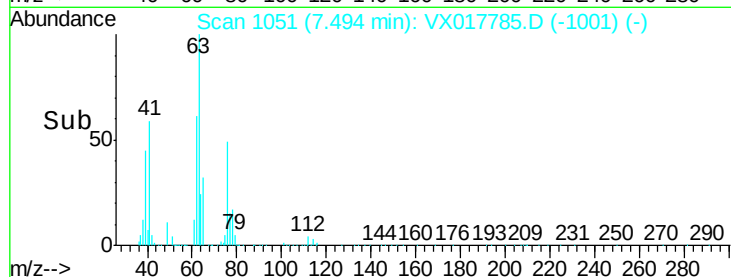
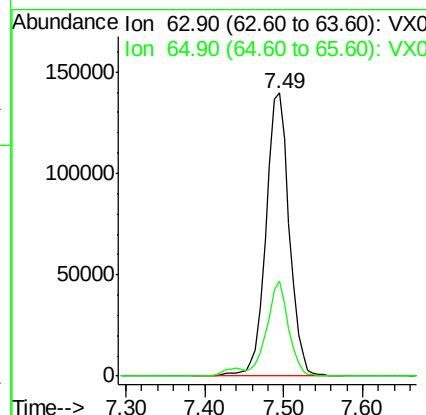
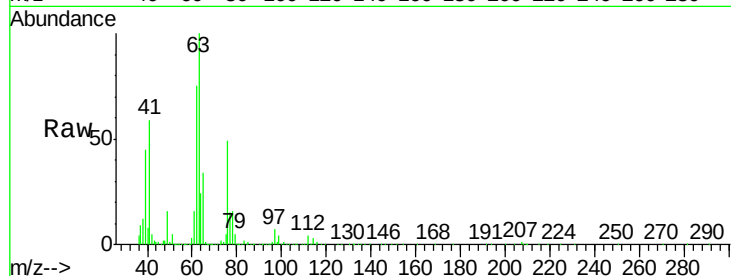
#45
 1,2-Dichloropropane
 Concen: 47.314 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.6	24.5	36.7

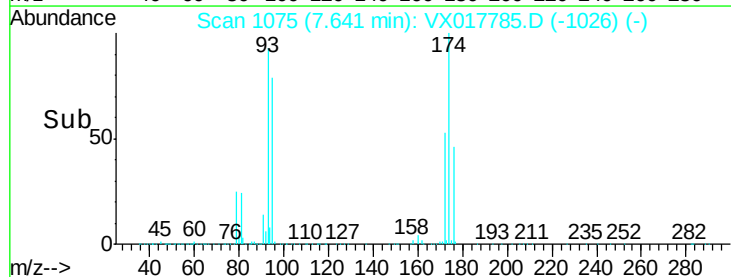
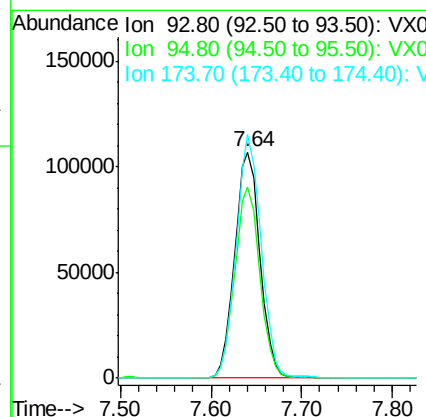
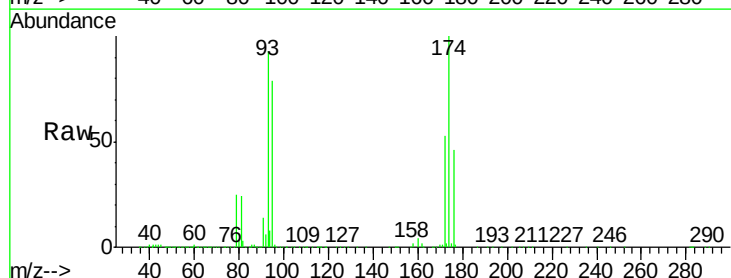
Manual Integrations
 APPROVED

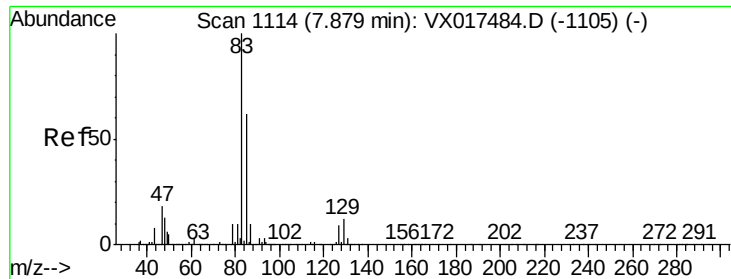
MMDadoda
 8/5/2020 2:51:28 PM



#46
 Dibromomethane
 Concen: 48.114 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.6	99.8
174	106.1	87.0	130.6





#47

Bromodichloromethane

Concen: 51.656 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

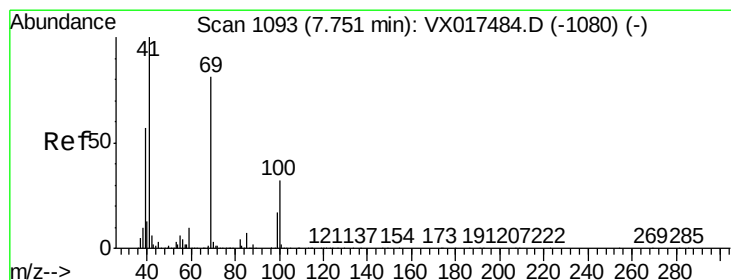
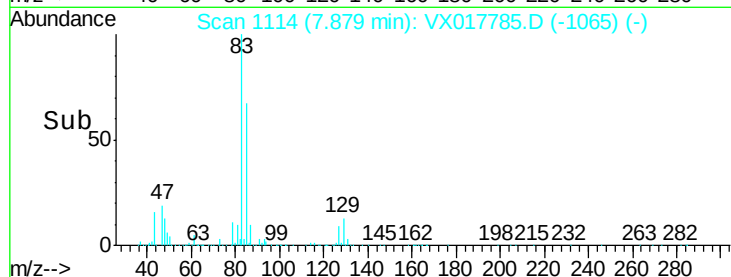
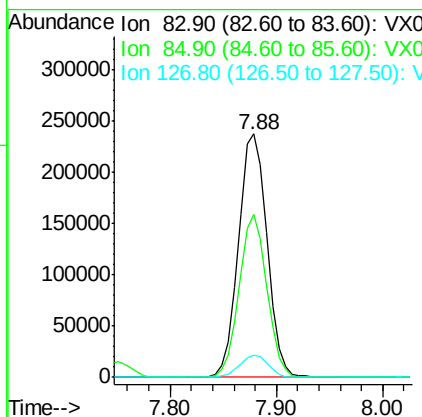
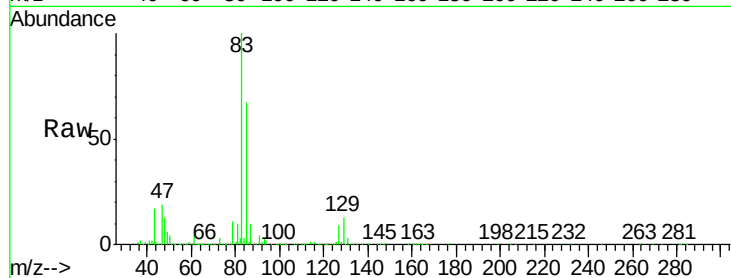
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	446807
Ion Ratio	Lower	Upper	
83	100		
85	66.7	51.8	77.8
127	8.9	7.4	11.2

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 55.613 ug/l

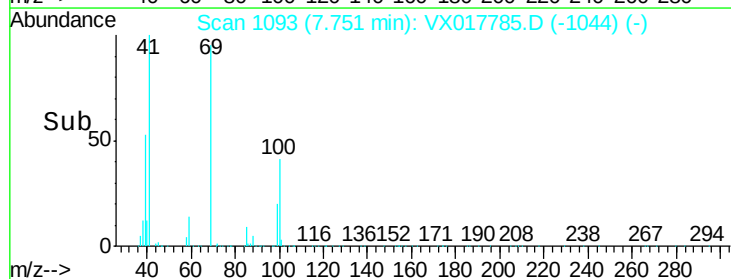
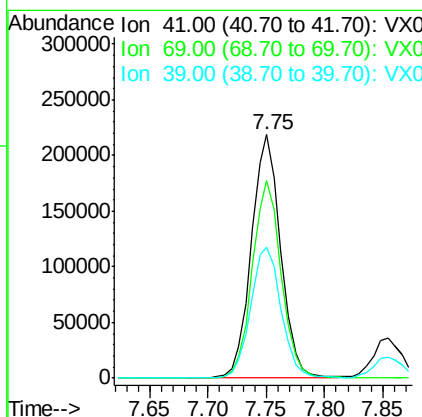
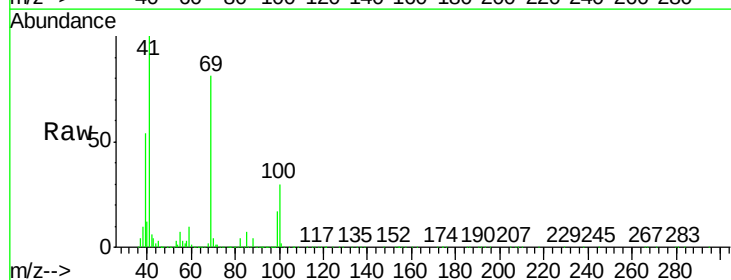
RT: 7.75 min Scan# 1093

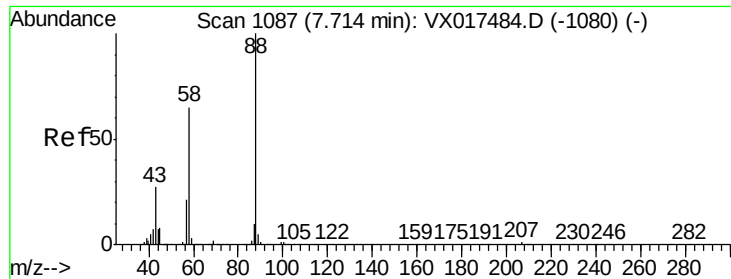
Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion:	41	Resp:	380893
Ion Ratio	Lower	Upper	
41	100		
69	80.0	63.1	94.7
39	55.7	45.1	67.7





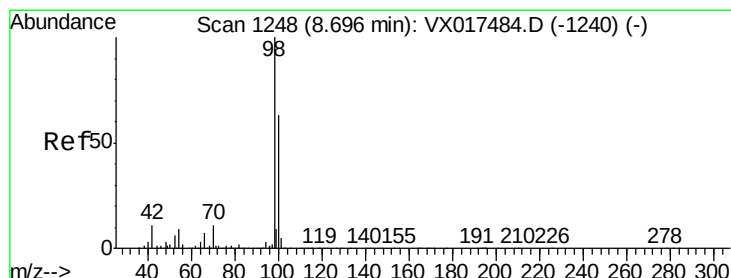
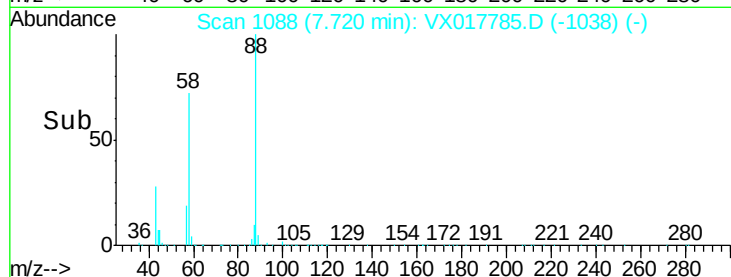
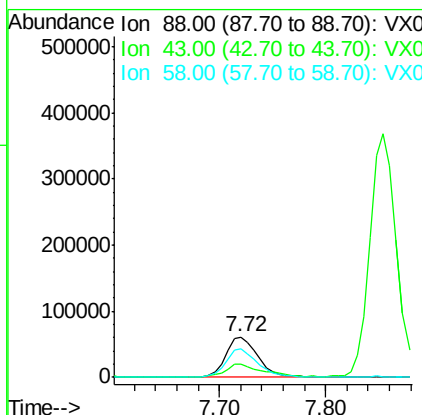
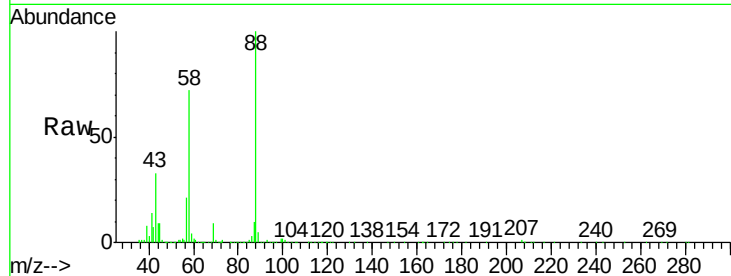
#49
1,4-Dioxane
Concen: 968.788 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.3	27.8	41.6
58	72.3	58.3	87.5

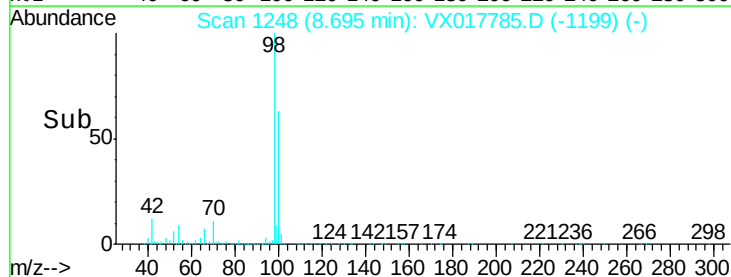
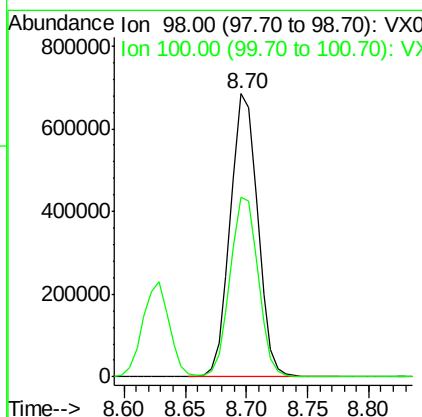
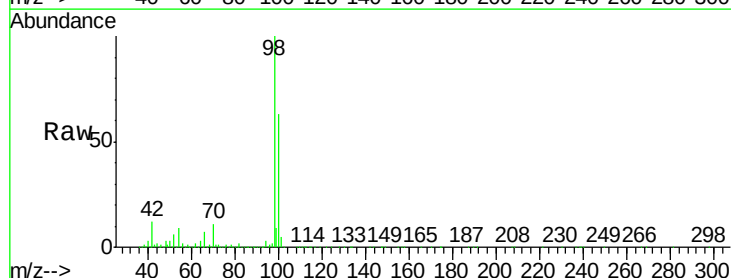
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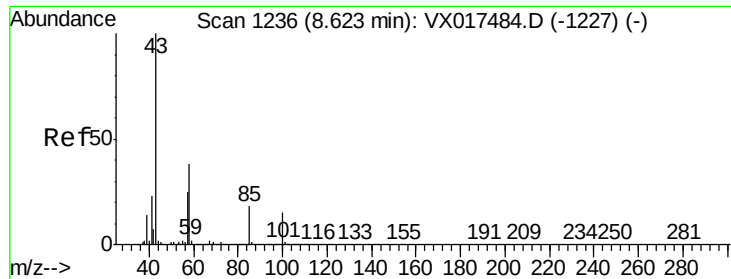
MMDadoda
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#50
Toluene-d8
Concen: 55.118 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5





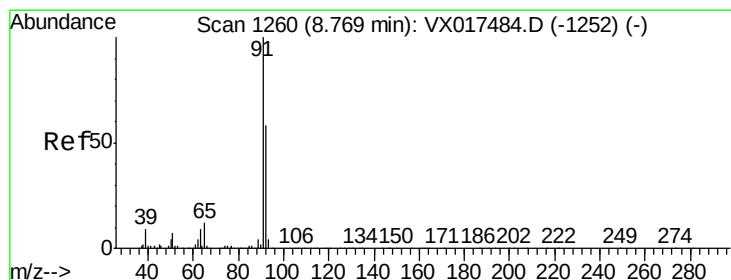
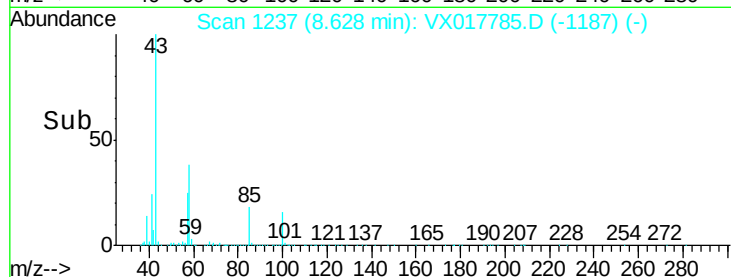
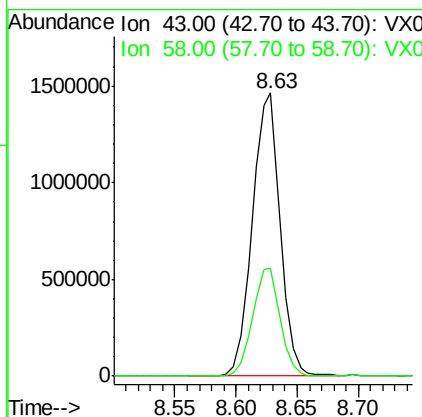
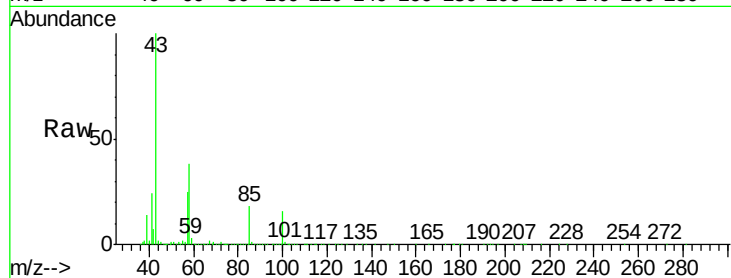
#51
 4-Methyl-2-Pentanone
 Concen: 280.581 ug/l
 RT: 8.63 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2313124
 Ion Ratio Lower Upper
 43 100
 58 37.9 31.0 46.4

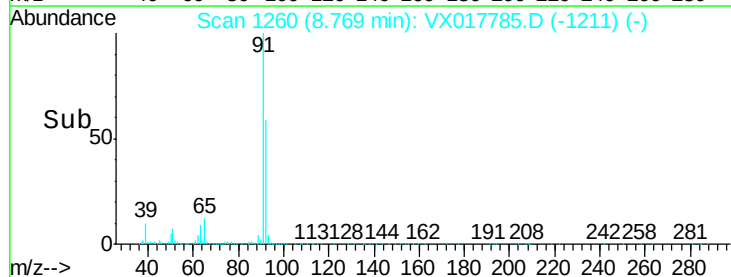
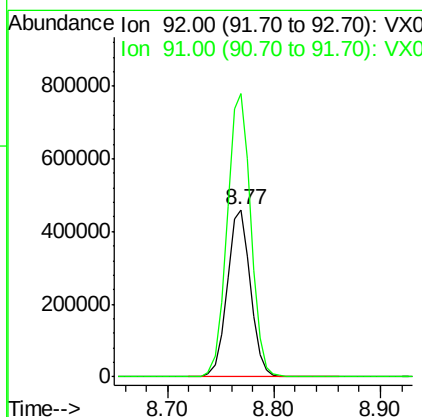
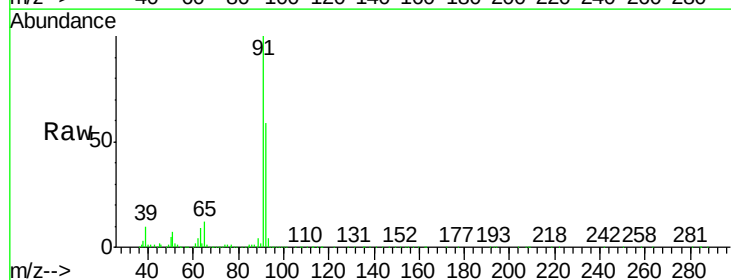
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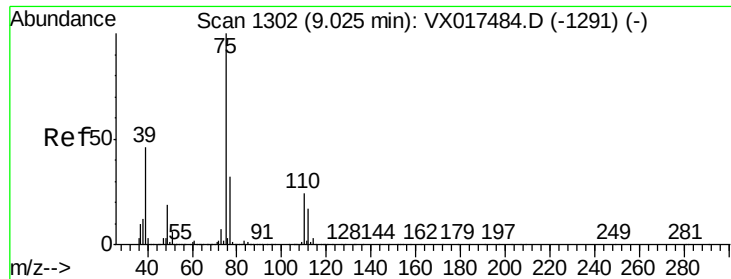
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#52
 Toluene
 Concen: 49.905 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion: 92 Resp: 702274
 Ion Ratio Lower Upper
 92 100
 91 172.7 137.6 206.4





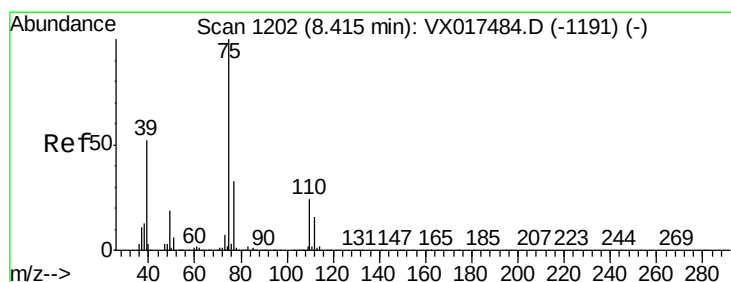
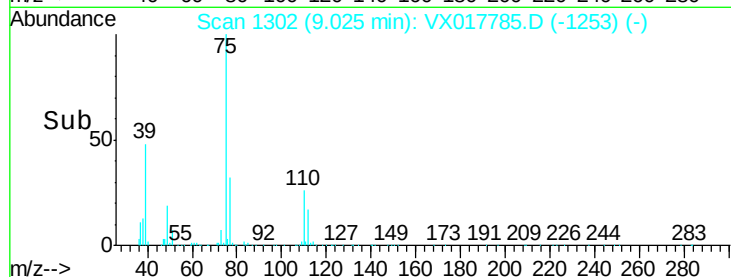
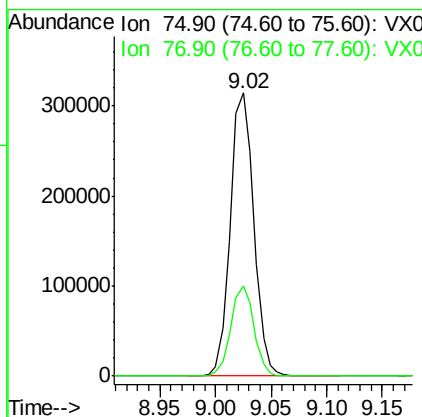
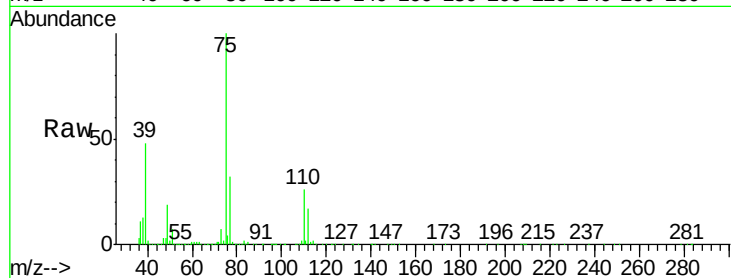
#53
t-1,3-Dichloropropene
Concen: 47.552 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 460427
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

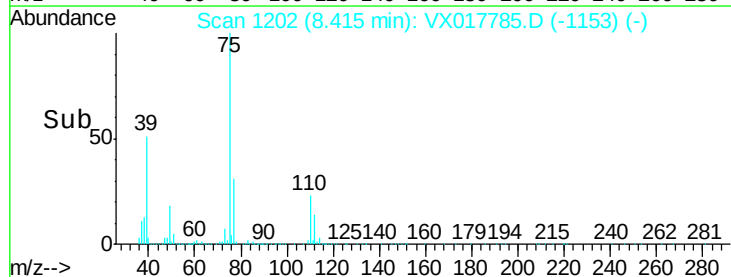
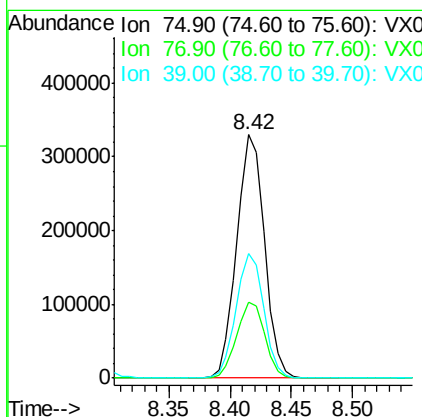
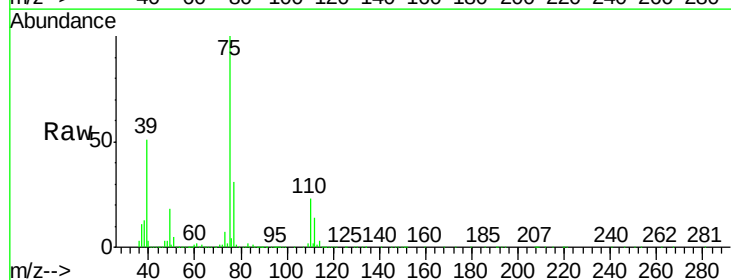
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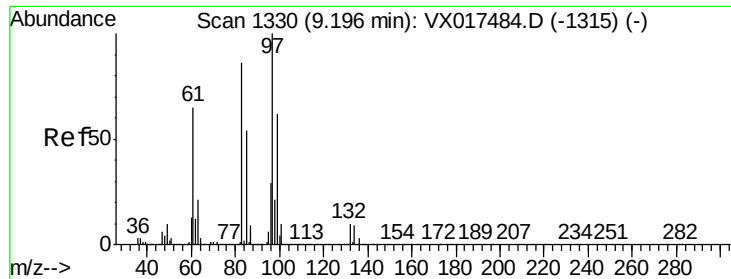
MMDadoda
8/5/2020 2:51:28 PM



#54
cis-1,3-Dichloropropene
Concen: 52.546 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 75 Resp: 518963
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 51.2 41.8 62.8





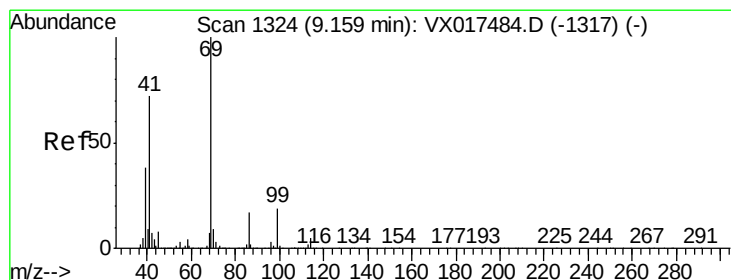
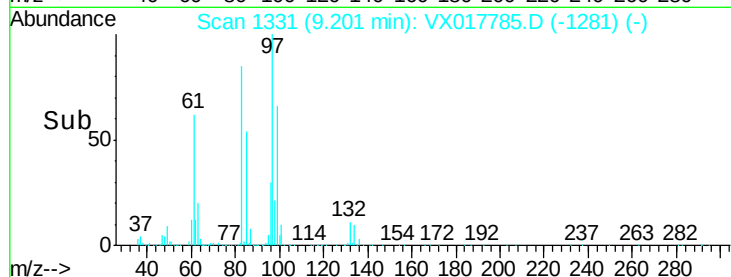
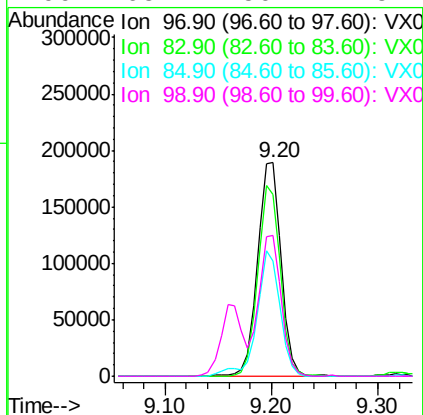
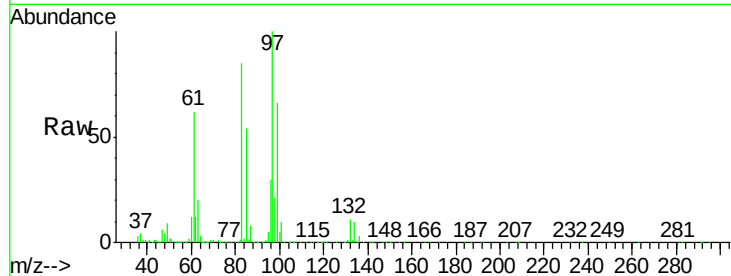
#55
 1,1,2-Trichloroethane
 Concen: 49.948 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	292802		
83	85.3	67.6	101.4	
85	53.7	44.6	67.0	
99	65.7	50.2	75.4	

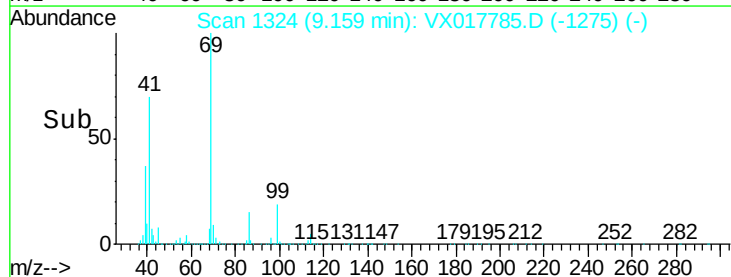
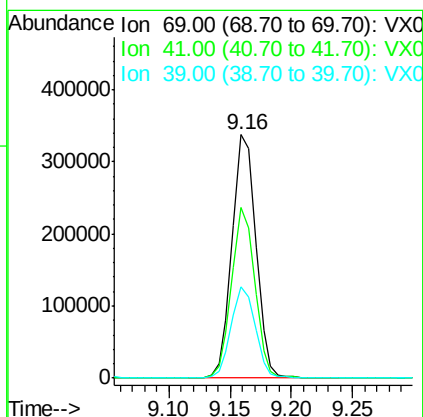
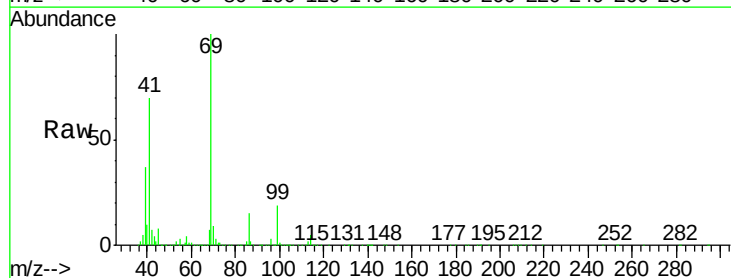
Manual Integrations
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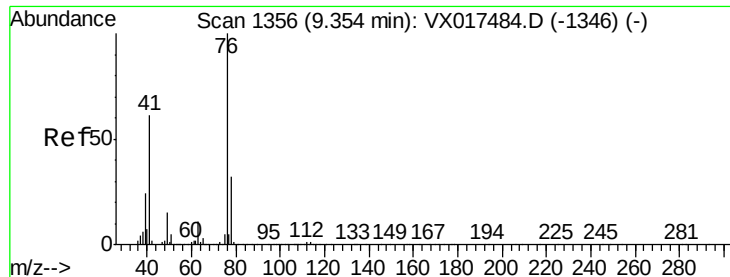
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#56
 Ethyl methacrylate
 Concen: 51.727 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	456841		
41	68.1	55.0	82.6	
39	37.5	30.0	45.0	





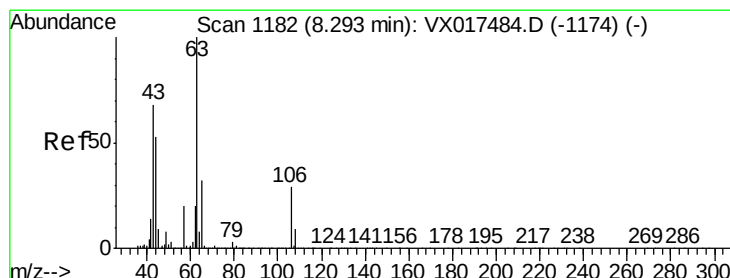
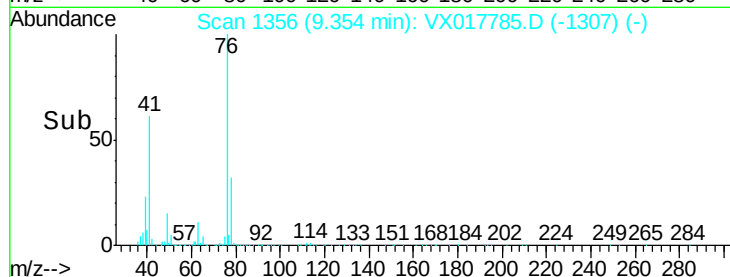
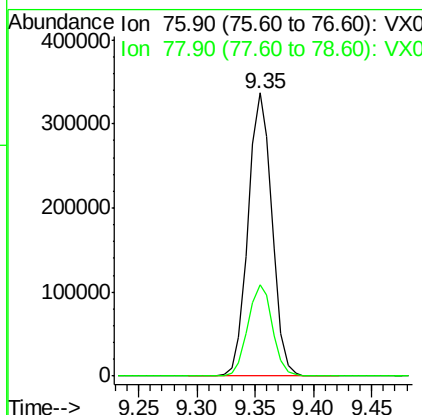
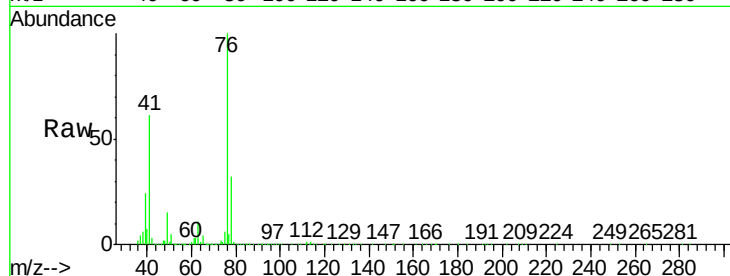
#57
 1,3-Dichloropropane
 Concen: 49.900 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.8

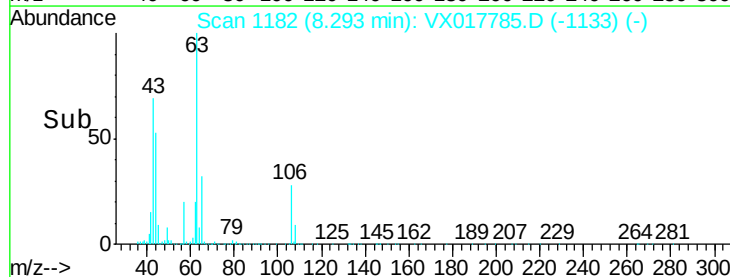
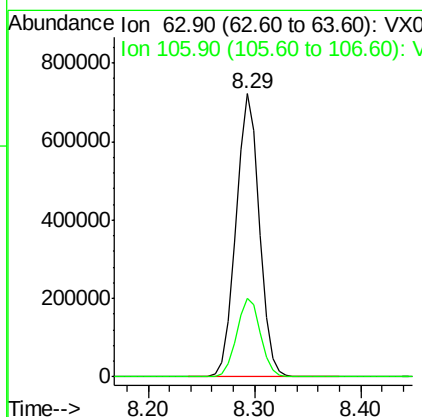
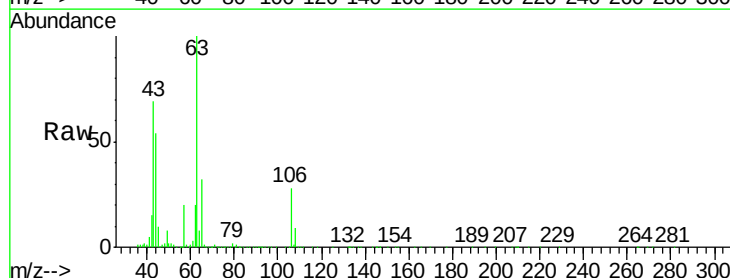
Manual Integrations
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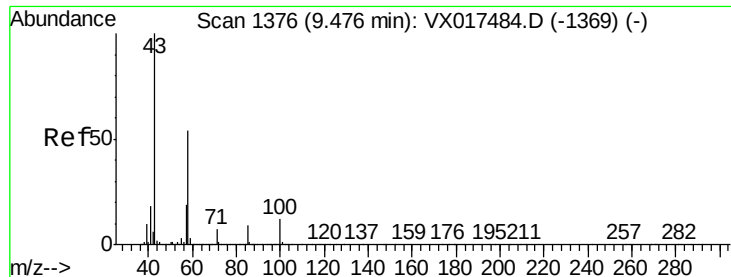
MMDadoda
 8/5/2020 2:51:28 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.810 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.6	34.0





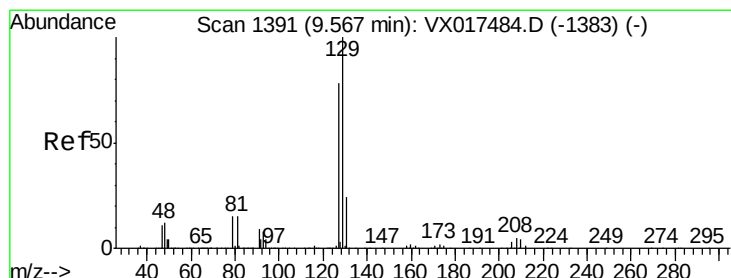
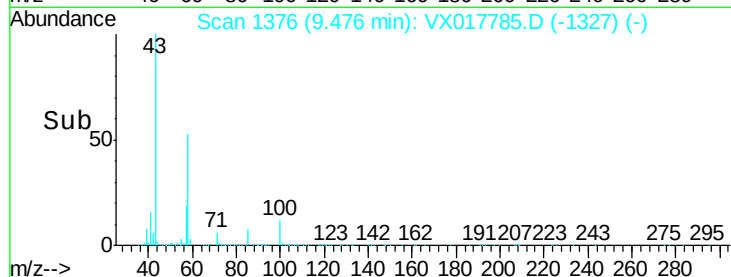
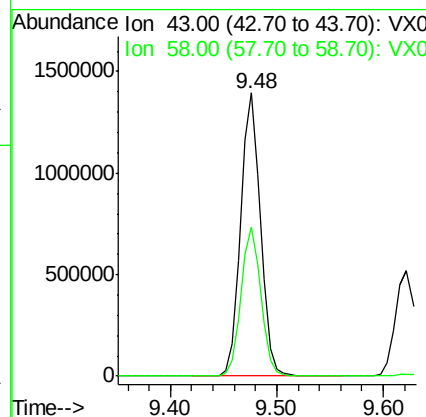
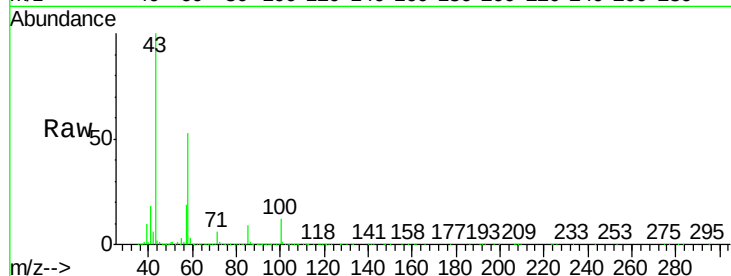
#59
2-Hexanone
Concen: 294.533 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1828117
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.8

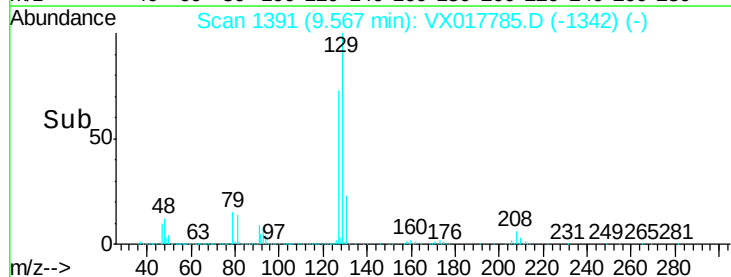
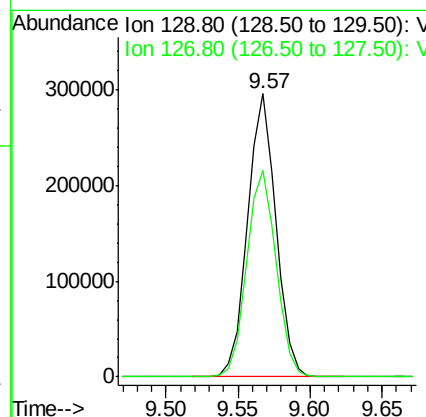
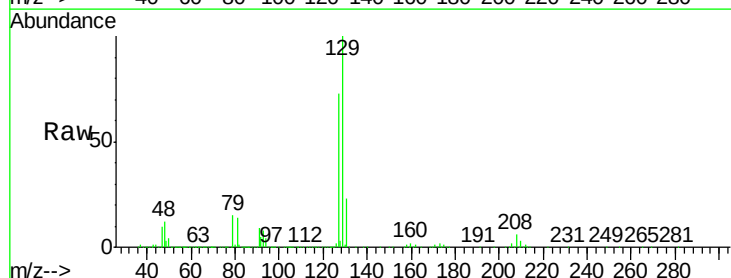
Manual Integrations
APPROVED

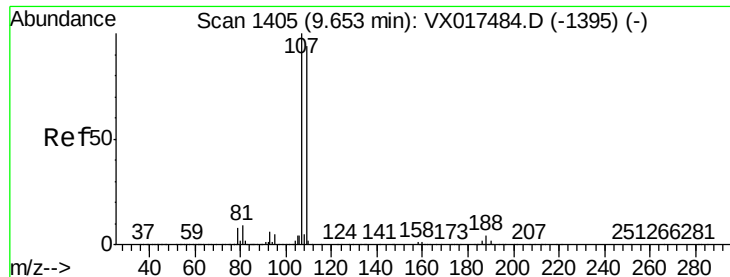
MMDadoda
8/5/2020 2:51:28 PM



#60
Dibromochloromethane
Concen: 54.006 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 129 Resp: 402388
Ion Ratio Lower Upper
129 100
127 75.0 38.4 115.1





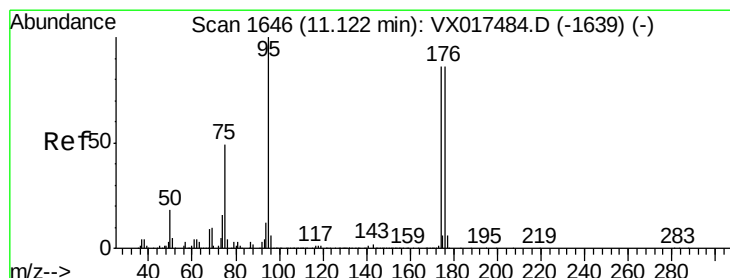
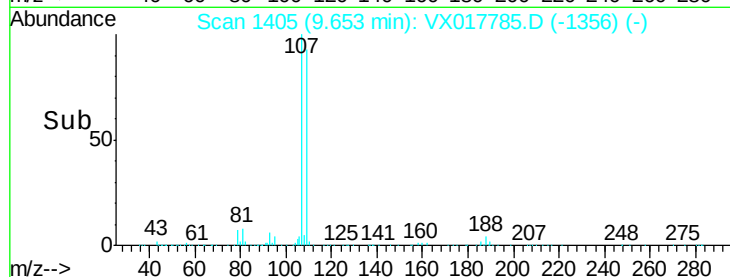
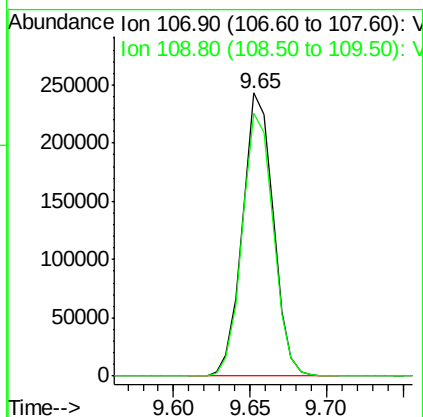
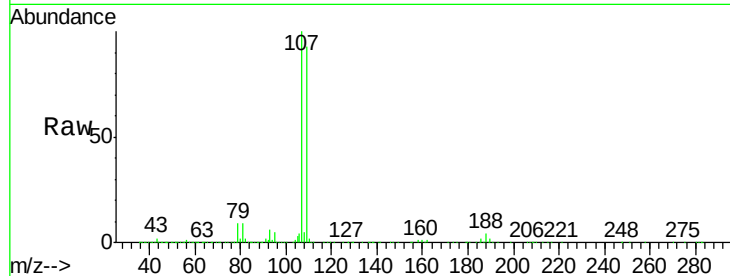
#61
 1,2-Dibromoethane
 Concen: 54.586 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	340675		
109	94.1	74.9	112.3	

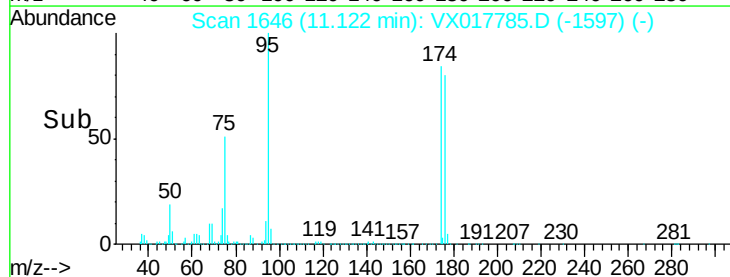
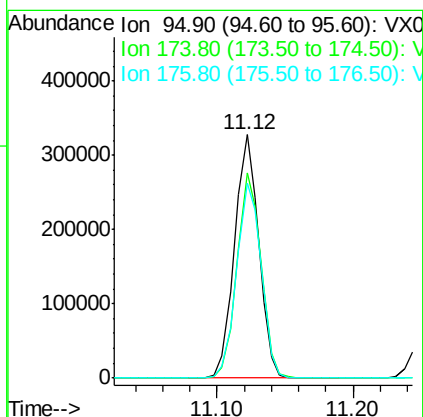
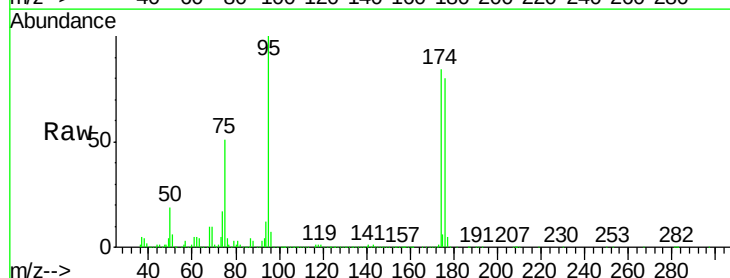
Manual Integrations
 APPROVED

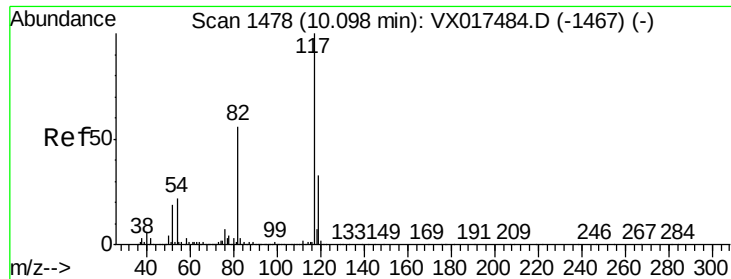
MMDadoda
 8/5/2020 2:51:28 PM



#62
 4-Bromofluorobenzene
 Concen: 52.595 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	405261		
174	83.8	0.0	169.0	
176	81.6	0.0	161.0	





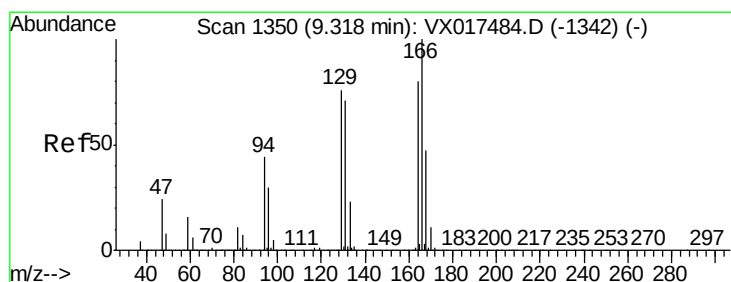
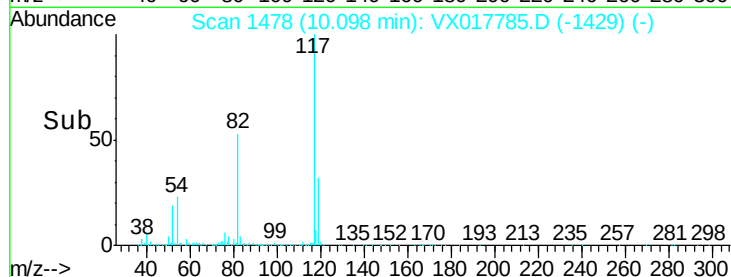
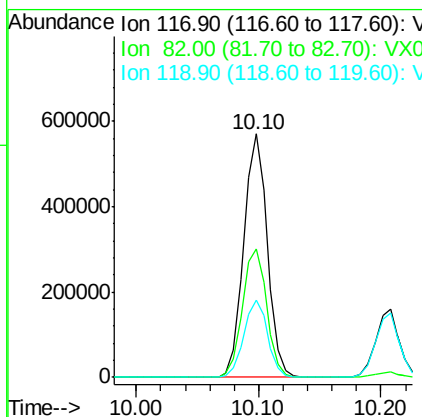
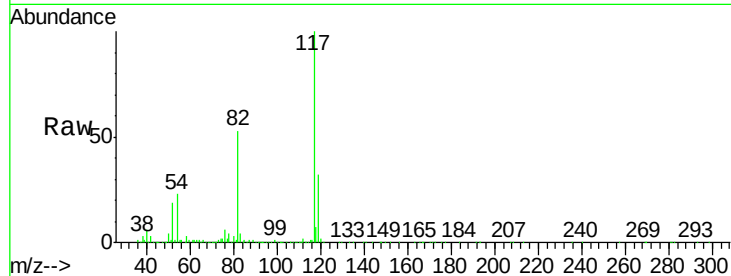
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	760379		
82	52.9	44.0	66.0	
119	31.8	25.4	38.0	

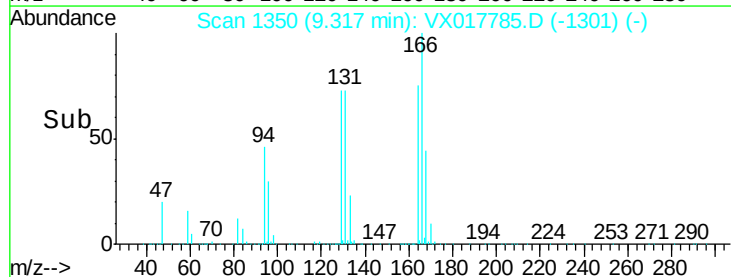
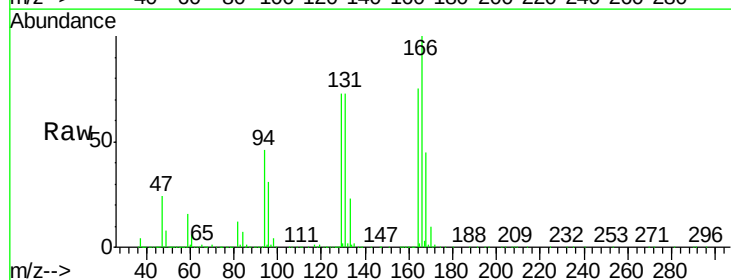
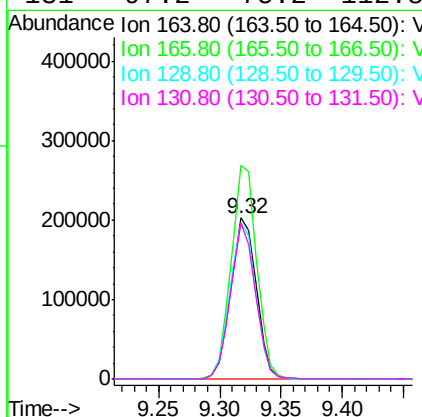
Manual Integrations
APPROVED

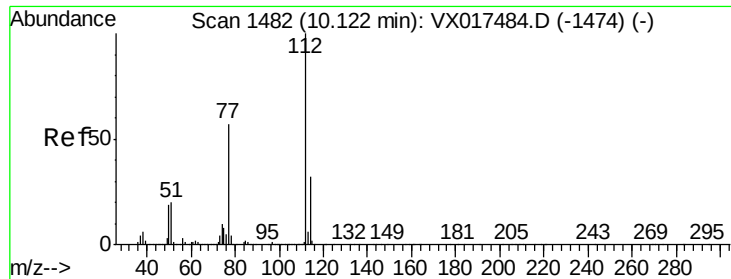
MMDadoda
8/5/2020 2:51:28 PM



#64
Tetrachloroethene
Concen: 42.957 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	293163		
166	132.7	100.6	150.8	
129	96.7	75.0	112.6	
131	97.2	75.2	112.8	





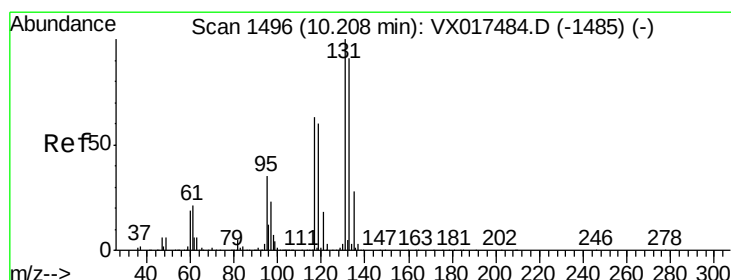
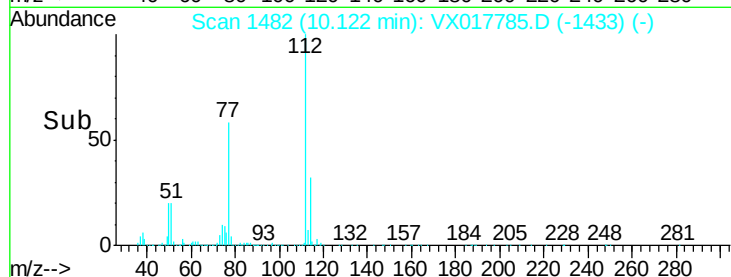
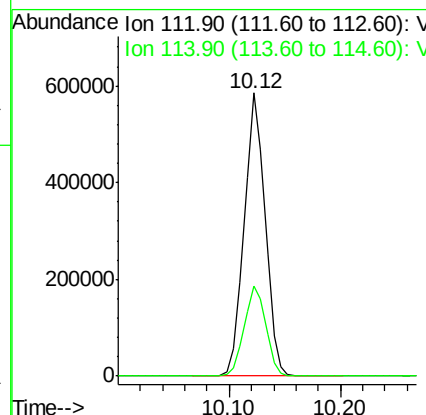
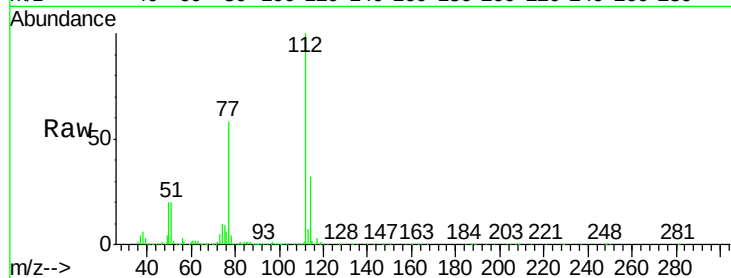
#65
Chlorobenzene
Concen: 46.553 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

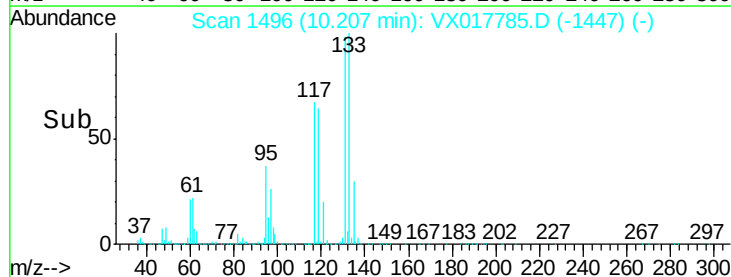
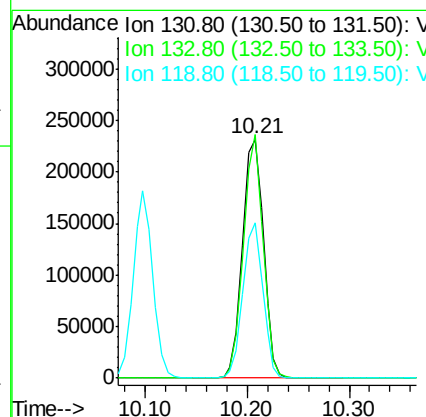
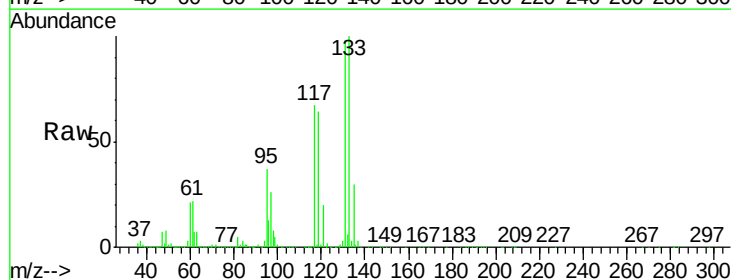
Manual Integrations
APPROVED

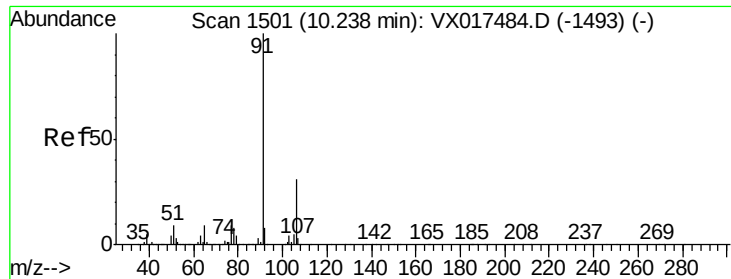
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.476 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.6
119	62.4	31.1	93.3





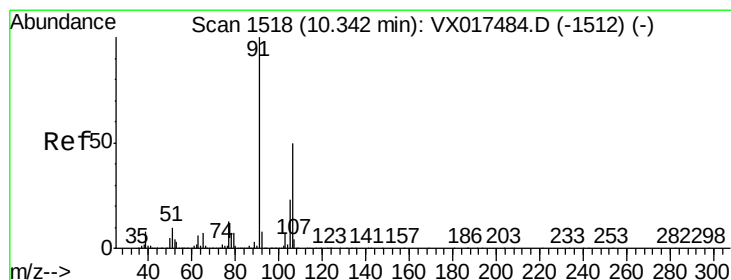
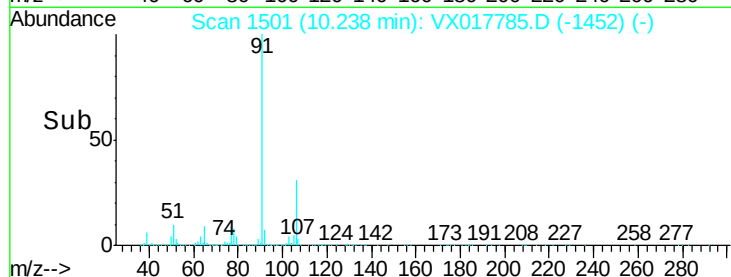
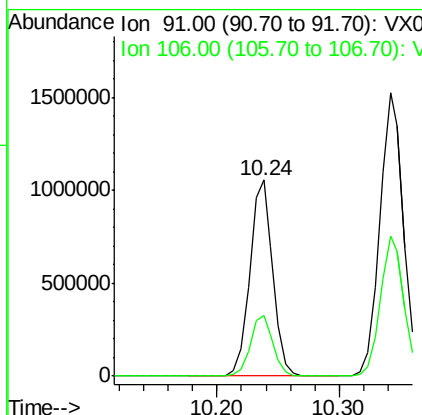
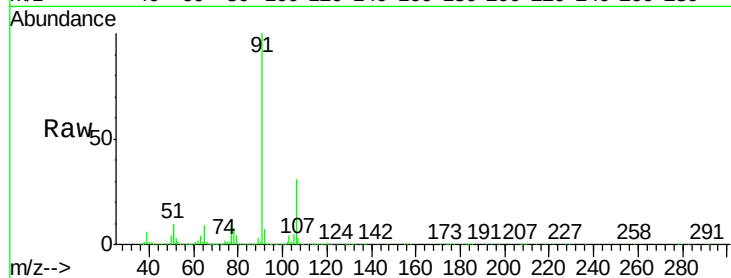
#67
Ethyl Benzene
Concen: 49.735 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1366407
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6

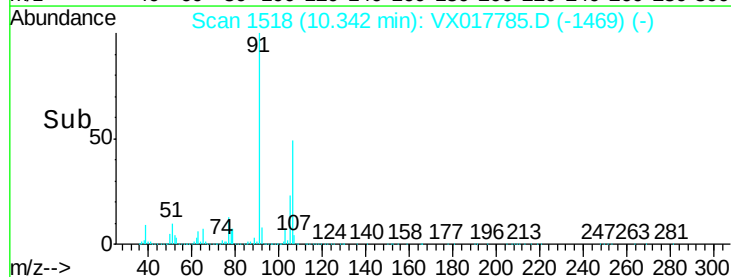
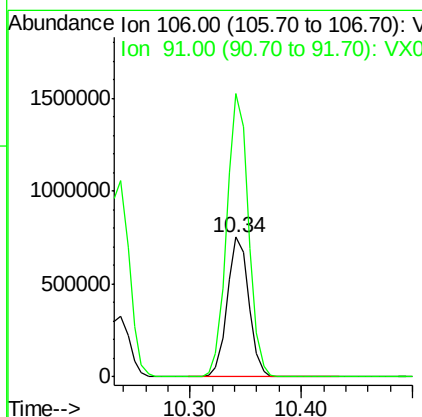
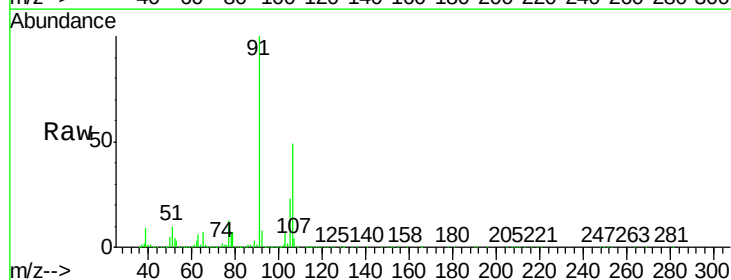
Manual Integrations
APPROVED

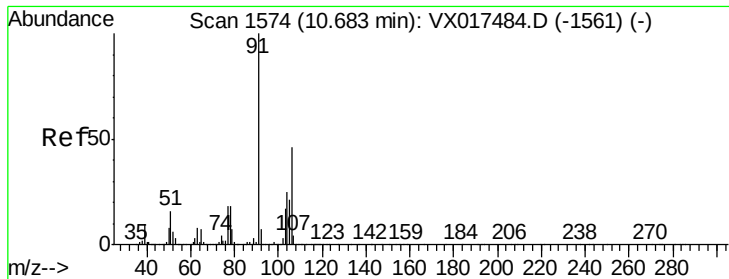
MMDadoda
8/5/2020 2:51:28 PM



#68
m/p-Xylenes
Concen: 94.773 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 106 Resp: 1008690
Ion Ratio Lower Upper
106 100
91 203.2 160.9 241.3





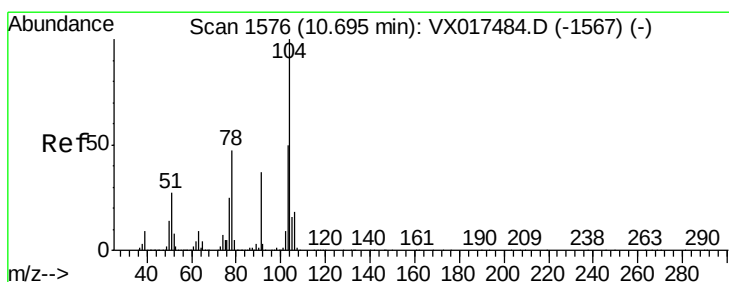
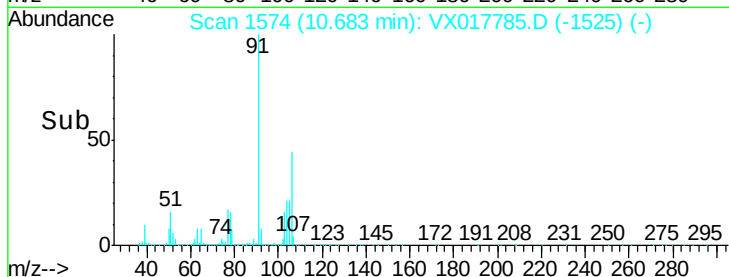
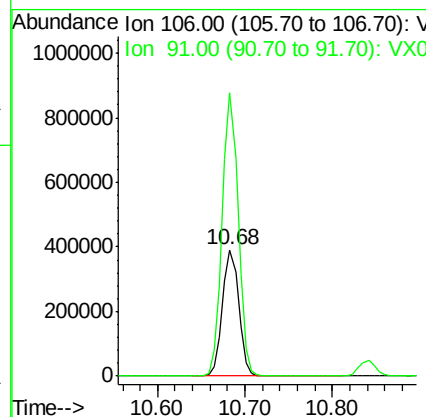
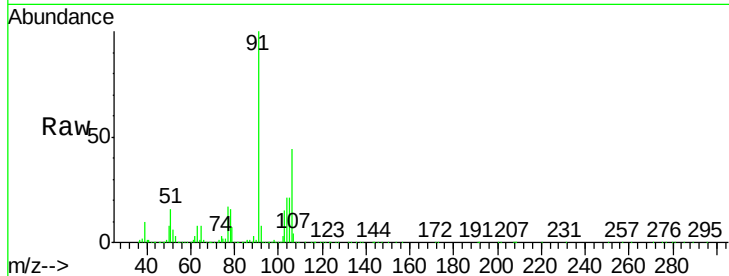
#69
o-Xylene
Concen: 49.171 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
106	100		
91	219.5	108.2	324.6

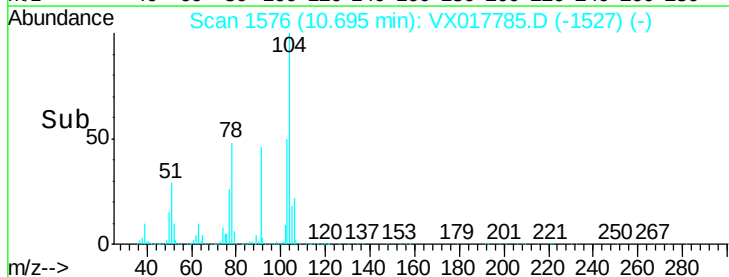
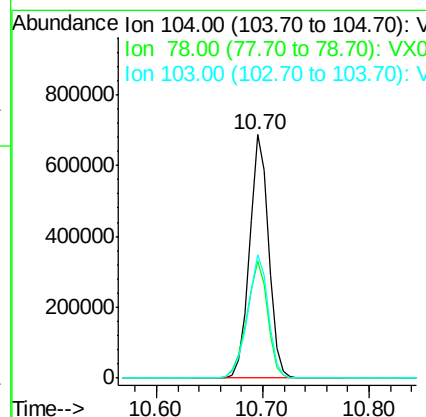
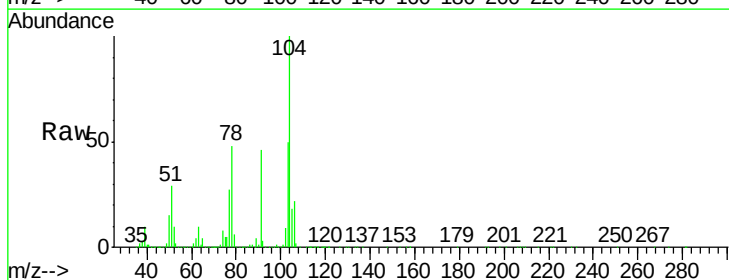
Manual Integrations
APPROVED

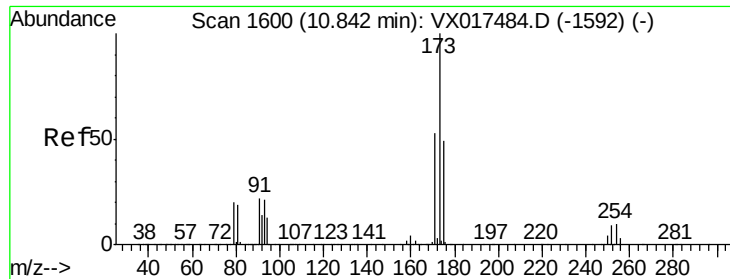
MMDadoda
8/5/2020 2:51:28 PM



#70
Styrene
Concen: 49.817 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.5	63.7
103	55.0	44.3	66.5





#71

Bromoform

Concen: 50.868 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

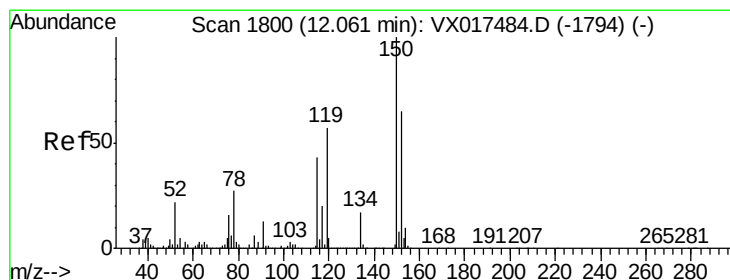
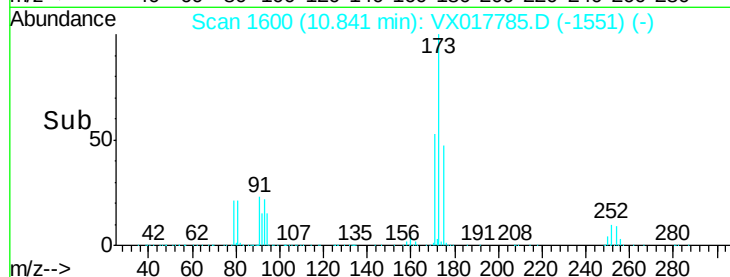
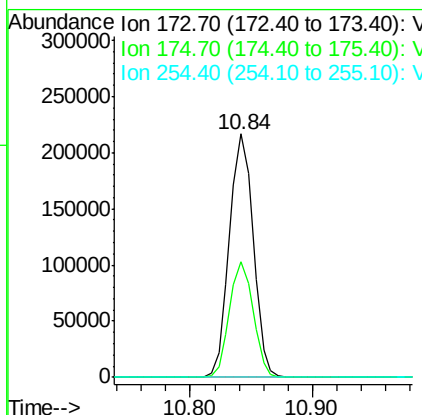
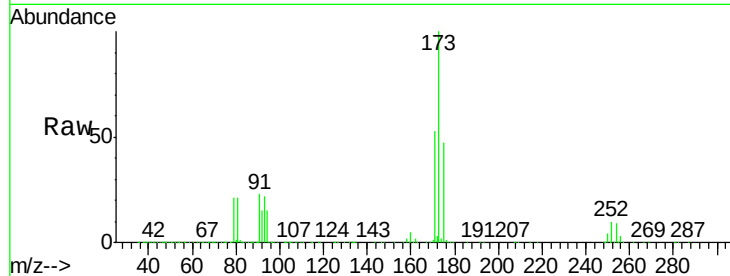
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	292739		
175	47.0	23.8	71.5	
254	0.2	0.1	0.1#	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

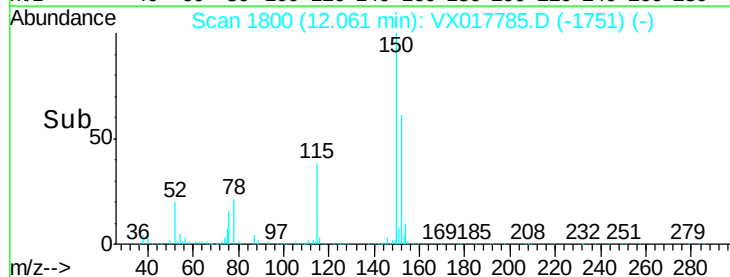
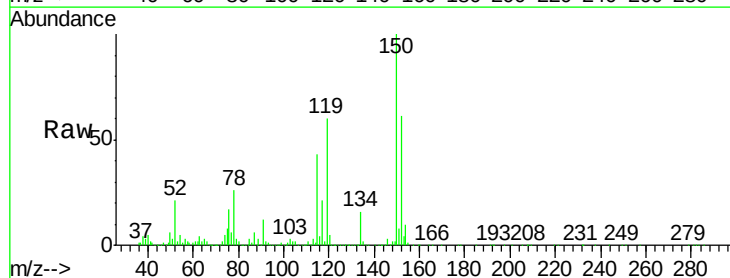
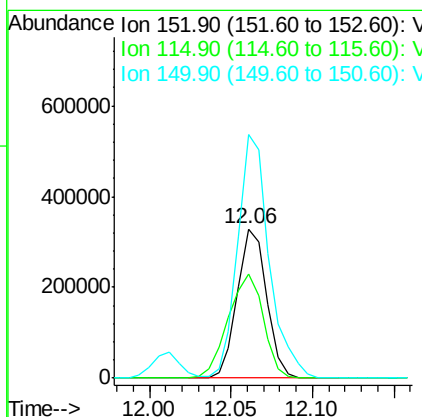
RT: 12.06 min Scan# 1800

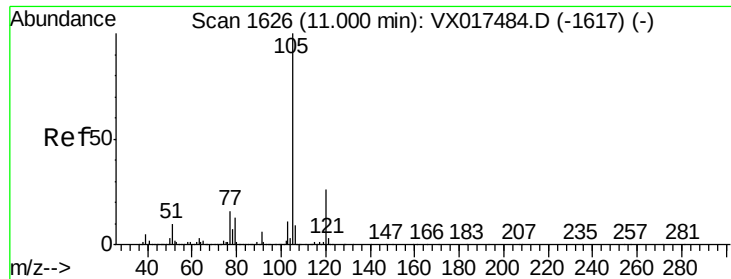
Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	411453		
115	83.9	65.5	196.6	
150	176.1	0.0	412.6	





#73

Isopropylbenzene

Concen: 51.199 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1445171

Ion Ratio Lower Upper

105 100

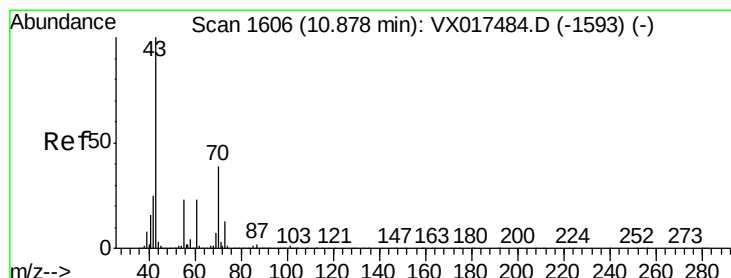
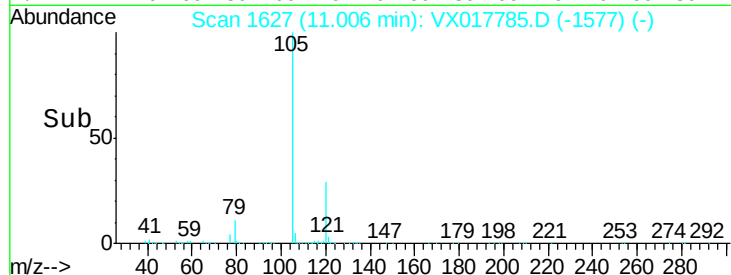
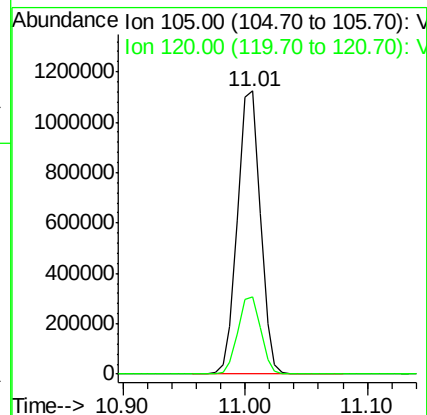
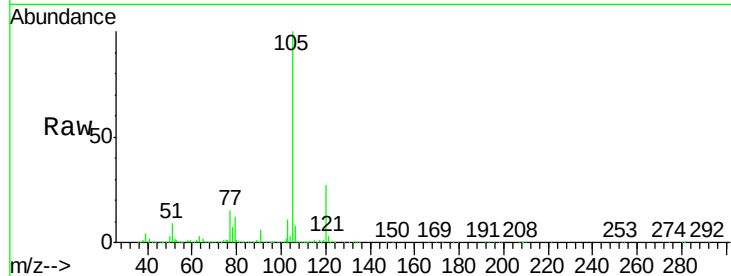
120 27.4 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.249 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion: 43 Resp: 655262

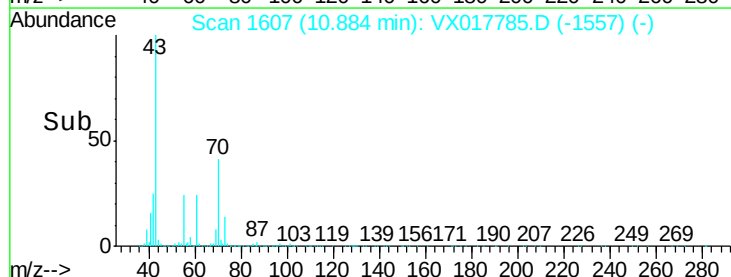
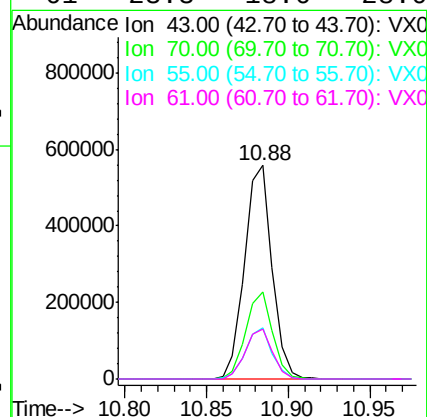
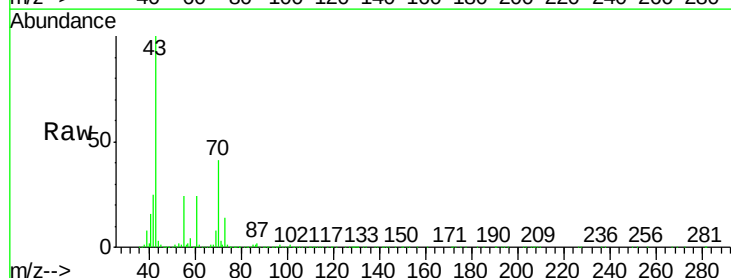
Ion Ratio Lower Upper

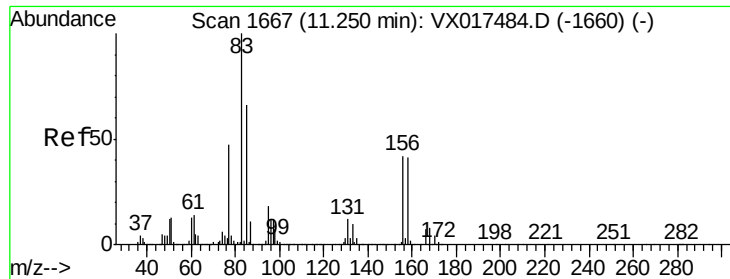
43 100

70 40.1 32.3 48.5

55 23.5 18.4 27.6

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.643 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 454995

Ion Ratio Lower Upper

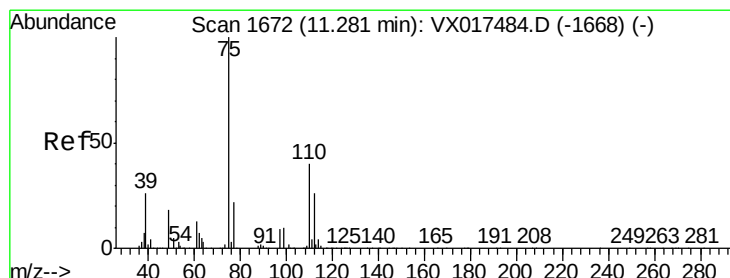
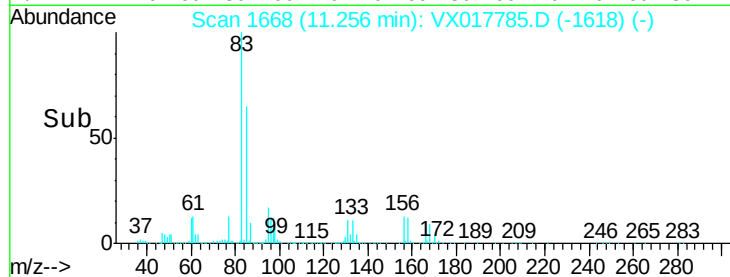
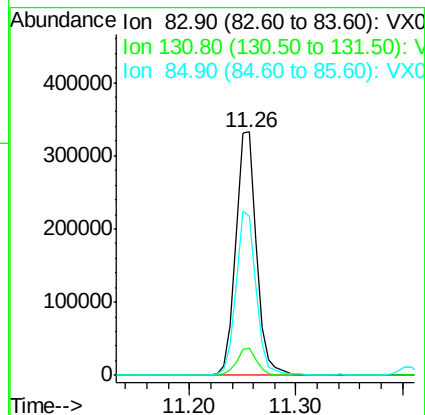
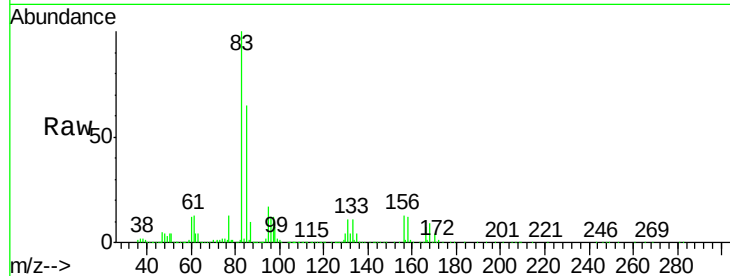
83 100

131 10.9 5.5 16.5

85 65.9 32.1 96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.062 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017785.D

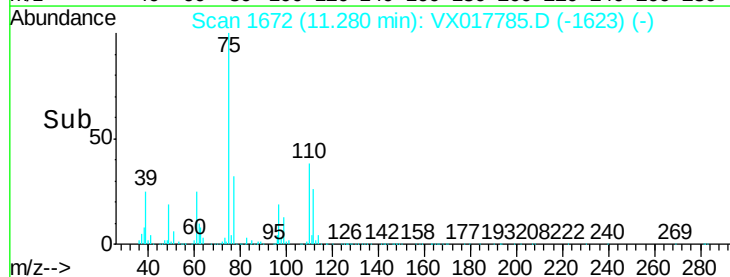
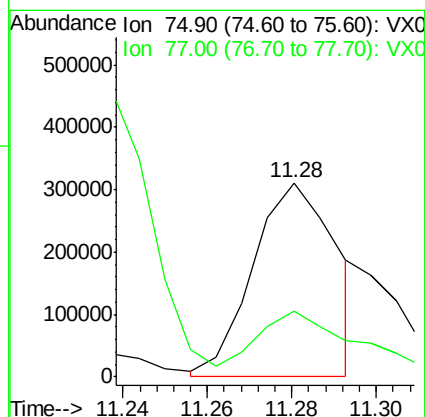
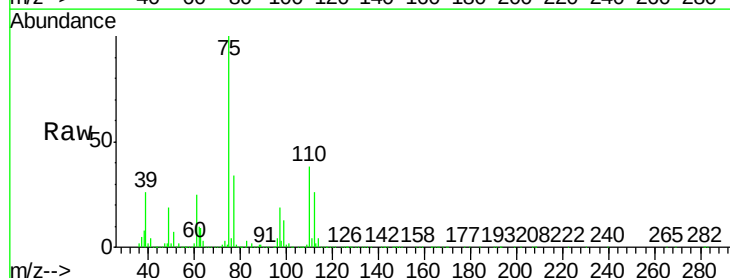
Acq: 04 Aug 2020 20:46

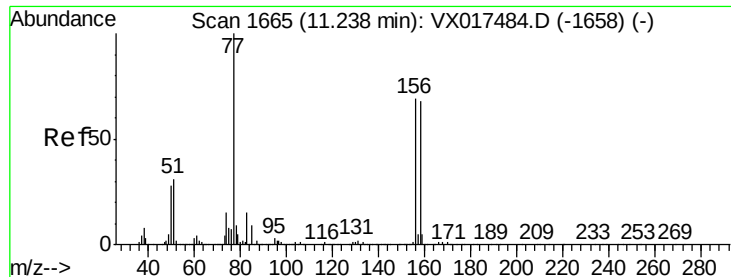
Tgt Ion: 75 Resp: 423714

Ion Ratio Lower Upper

75 100

77 41.7 21.8 65.3





#77

Bromobenzene

Concen: 46.773 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

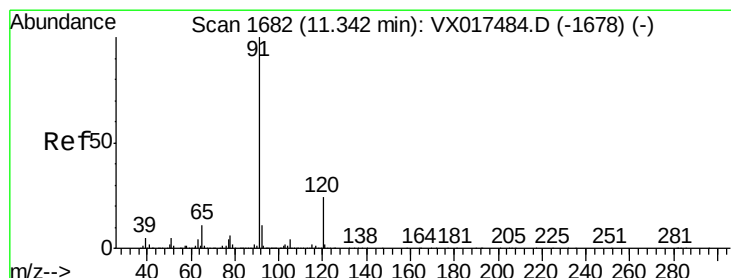
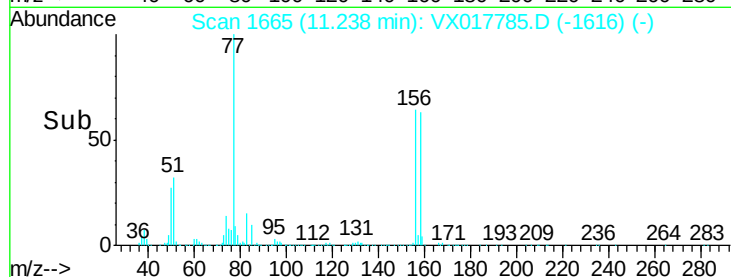
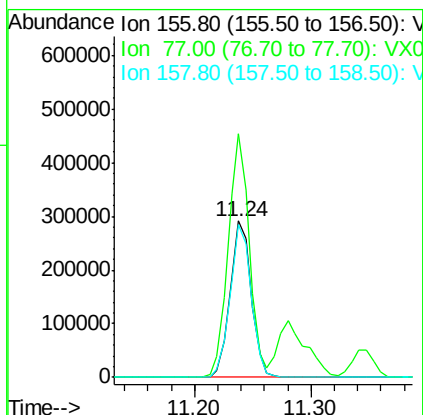
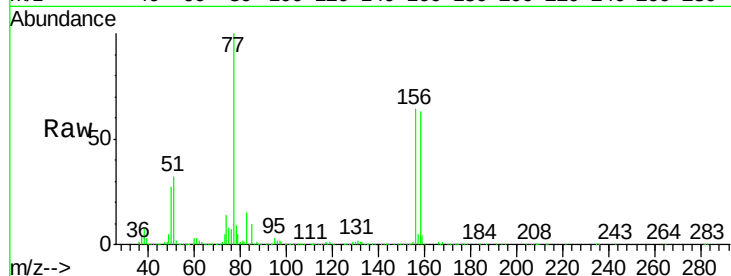
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	369604
Ion Ratio	Lower	Upper	
156	100		
77	154.0	75.0	225.0
158	96.6	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.472 ug/l

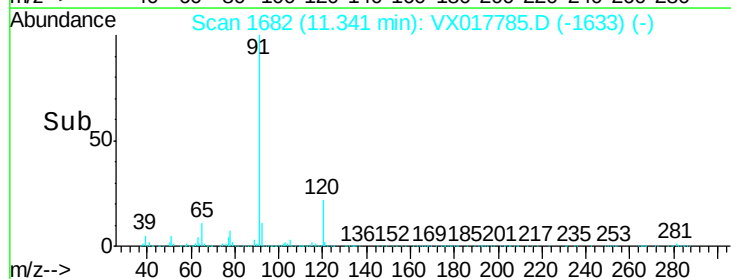
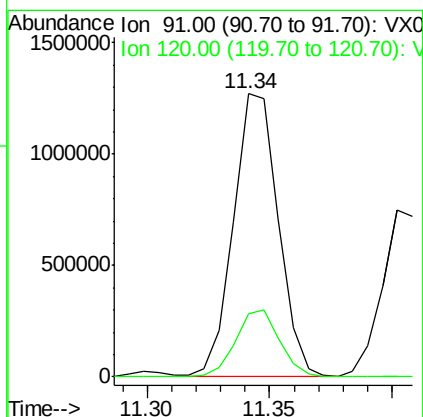
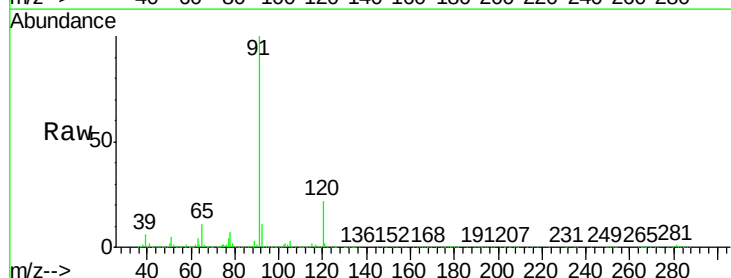
RT: 11.34 min Scan# 1682

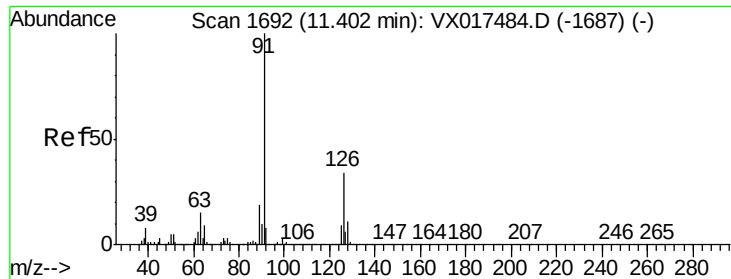
Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion:	91	Resp:	1606785
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.2	36.4





#79

2-Chlorotoluene

Concen: 48.374 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 953950

Ion Ratio Lower Upper

91 100

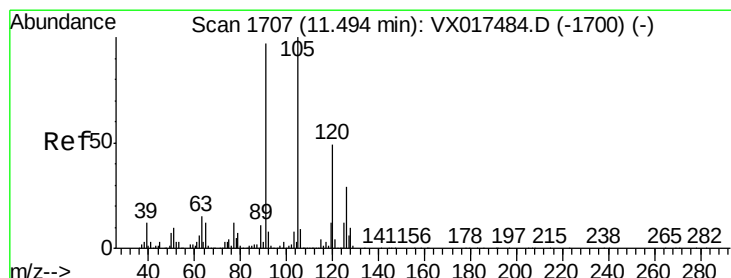
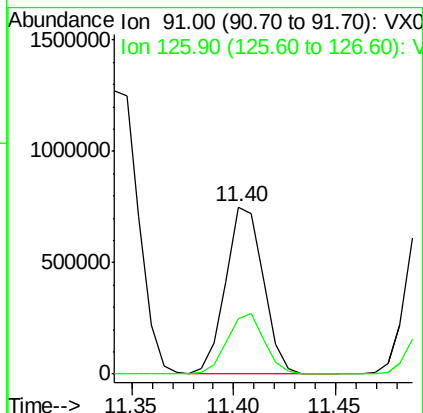
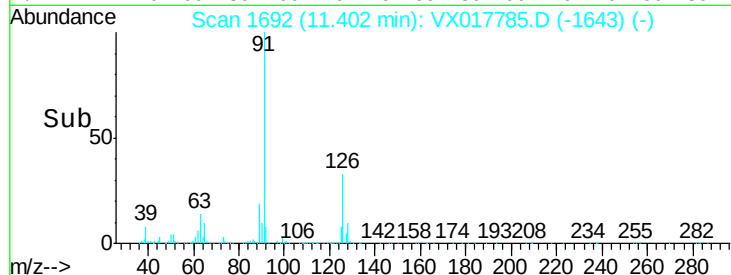
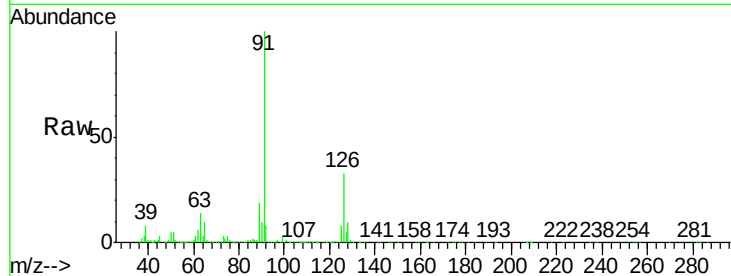
126 35.5 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.131 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017785.D

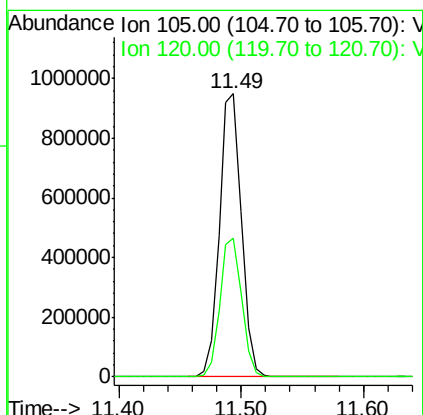
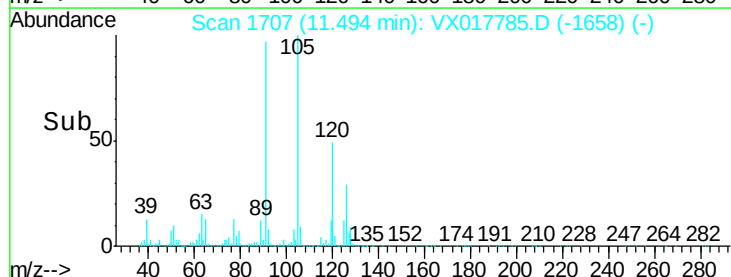
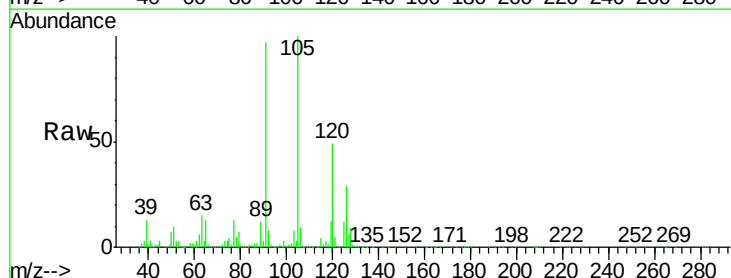
Acq: 04 Aug 2020 20:46

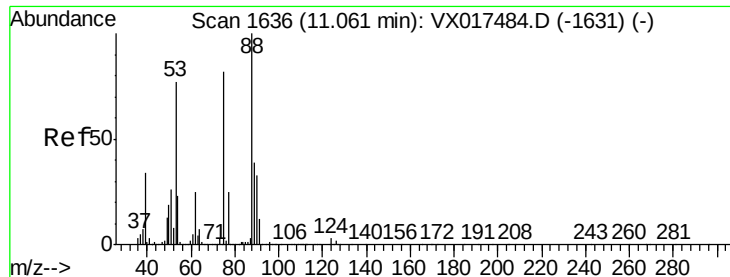
Tgt Ion: 105 Resp: 1184047

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.3





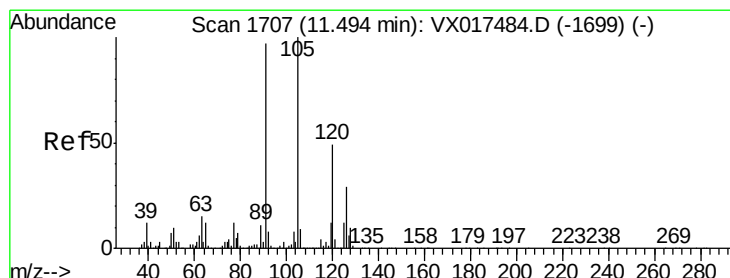
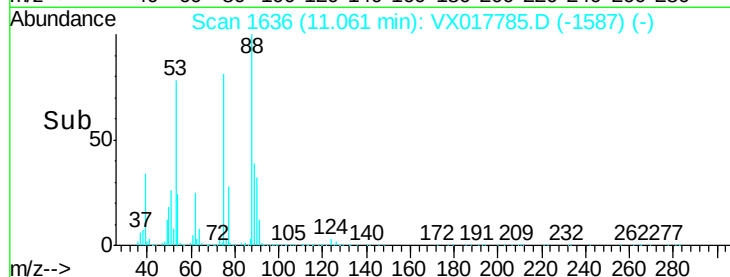
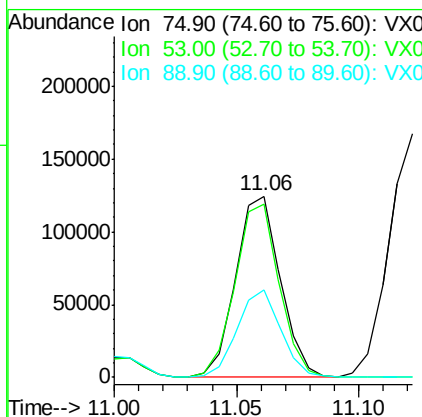
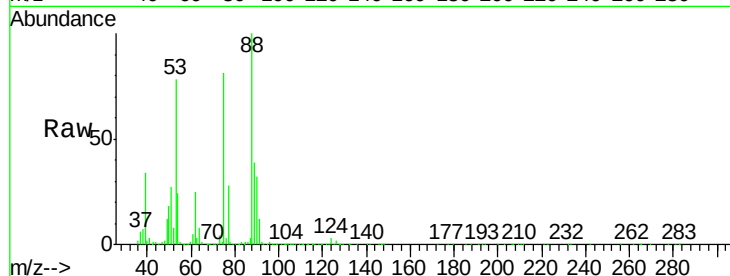
#81
trans-1,4-Dichloro-2-butene
Concen: 46.682 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.5	75.9	113.9
89	47.2	37.8	56.6

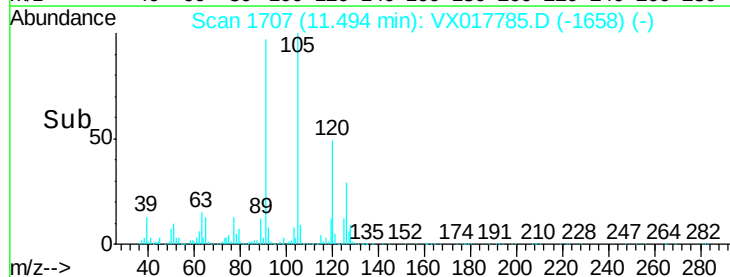
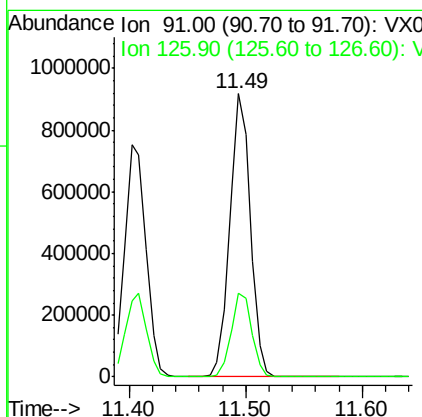
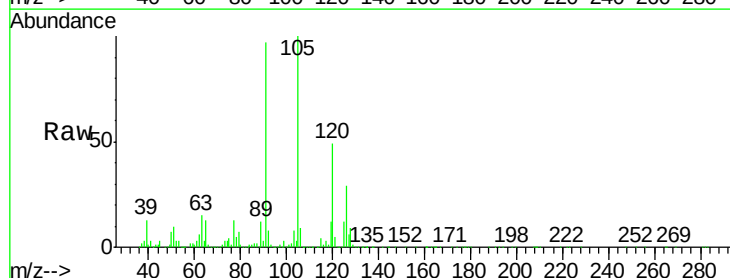
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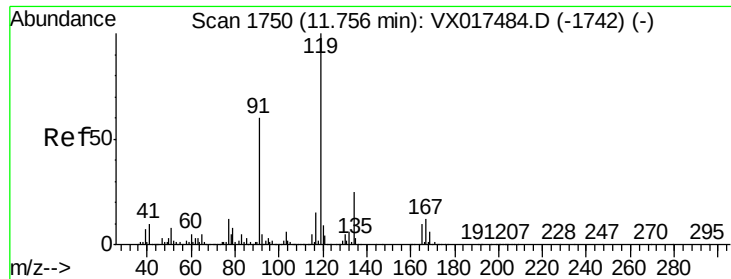
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.609 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.2	45.6





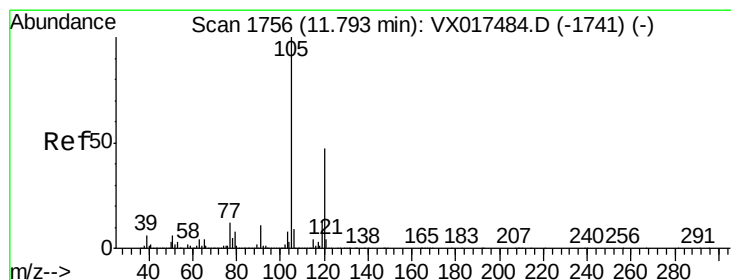
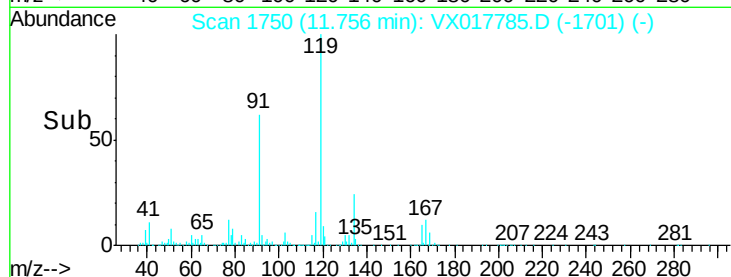
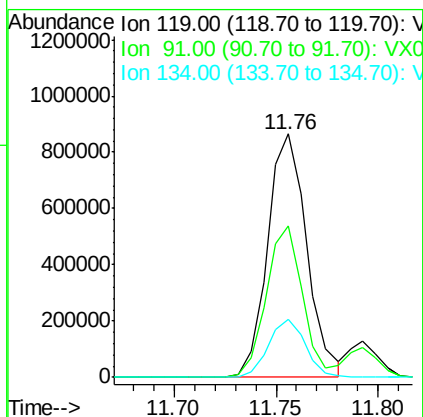
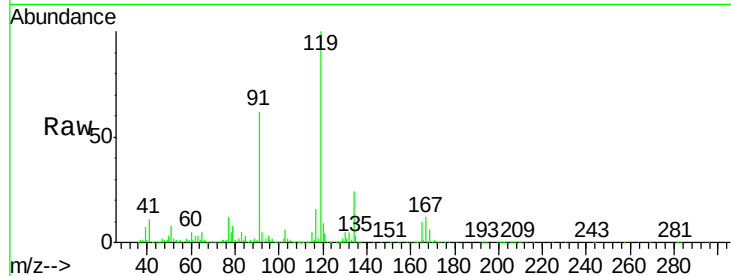
#83
 tert-Butylbenzene
 Concen: 50.223 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.2	29.3	88.0
134	22.4	11.2	33.6

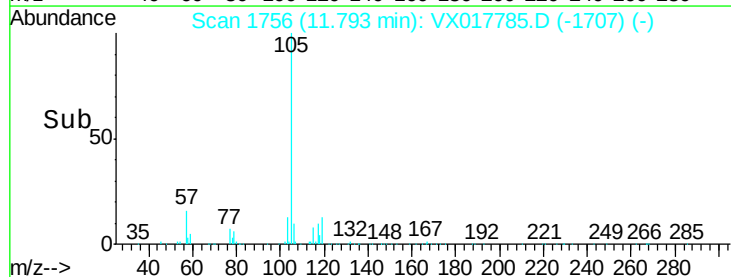
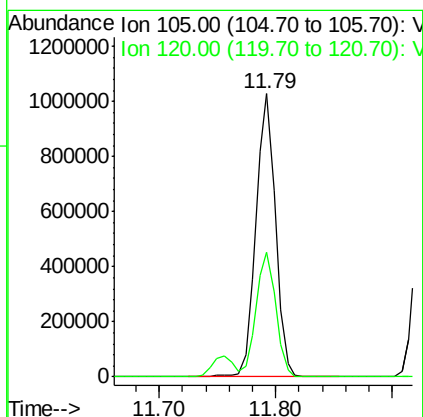
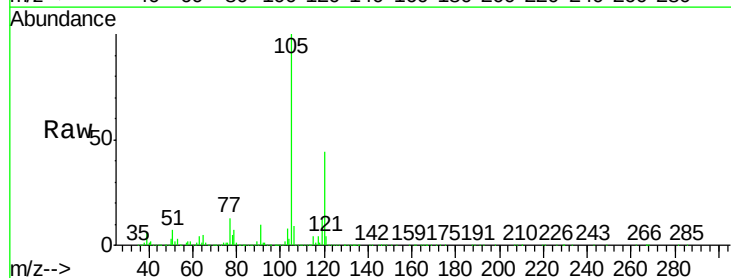
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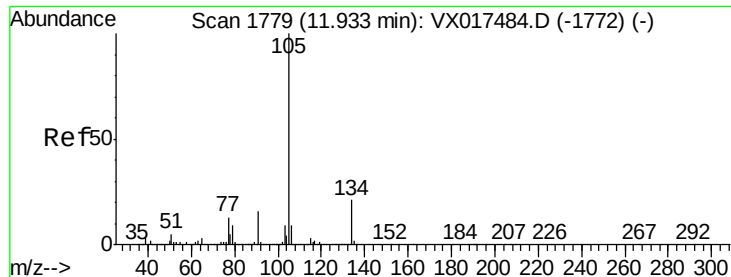
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.293 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.7	68.0





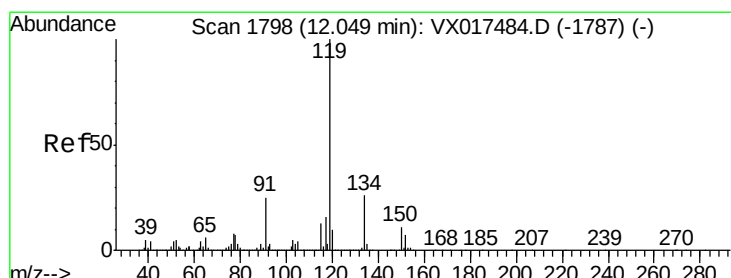
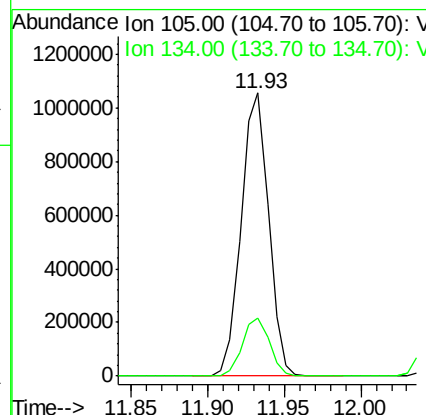
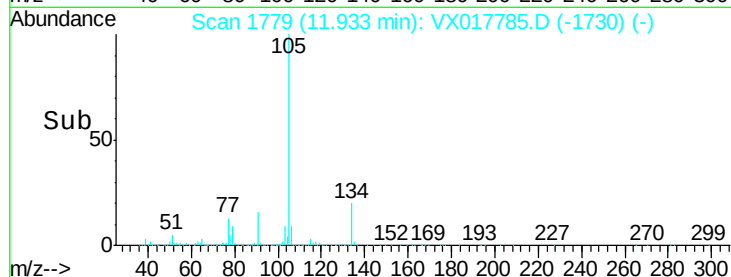
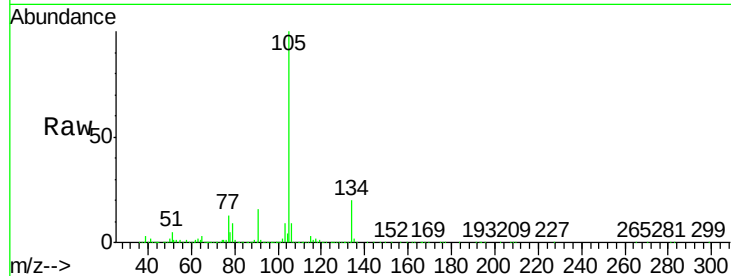
#85
 sec-Butylbenzene
 Concen: 48.715 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1308664
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

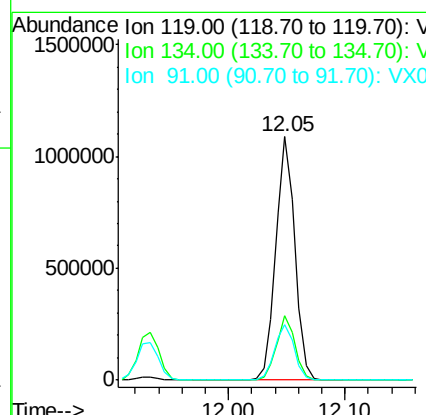
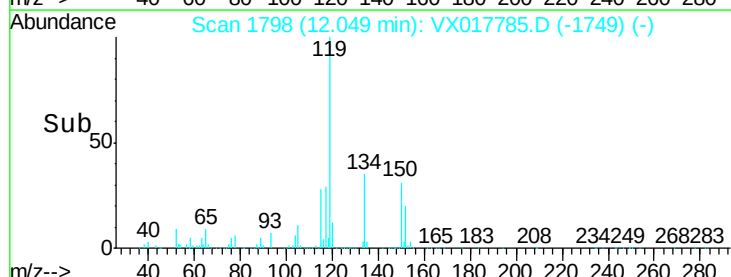
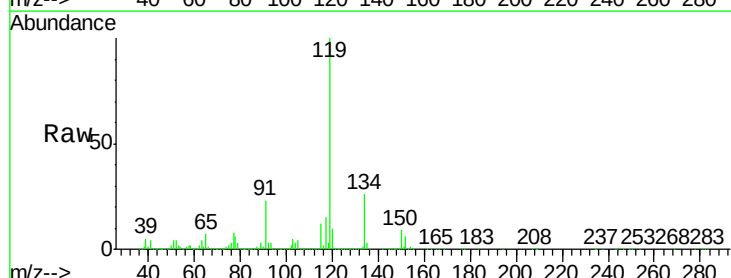
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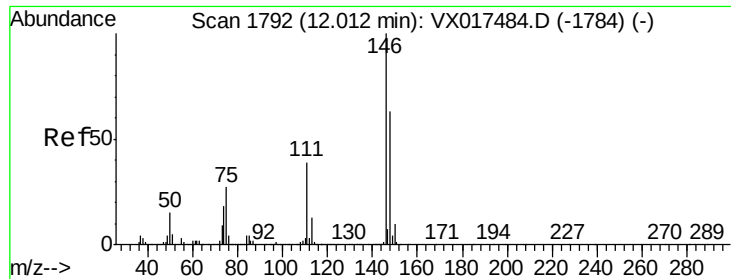
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#86
 p-Isopropyltoluene
 Concen: 48.392 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion:119 Resp: 1237971
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 23.6 12.1 36.3





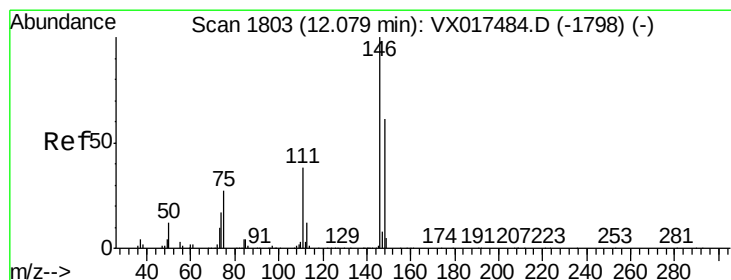
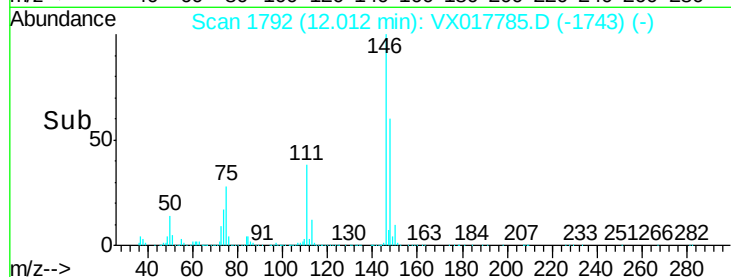
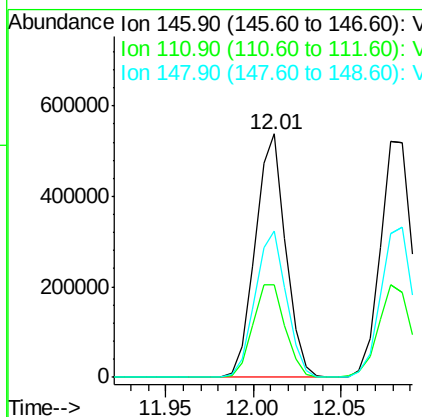
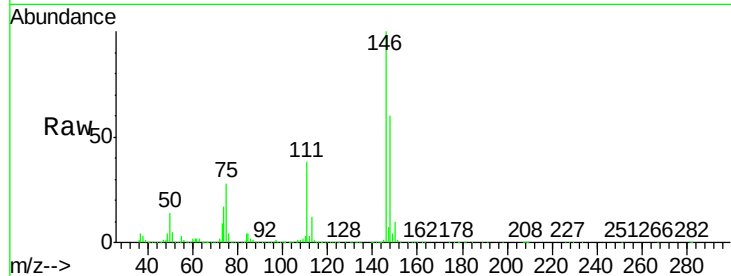
#87
 1,3-Dichlorobenzene
 Concen: 47.890 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.7
148	61.8	31.6	95.0

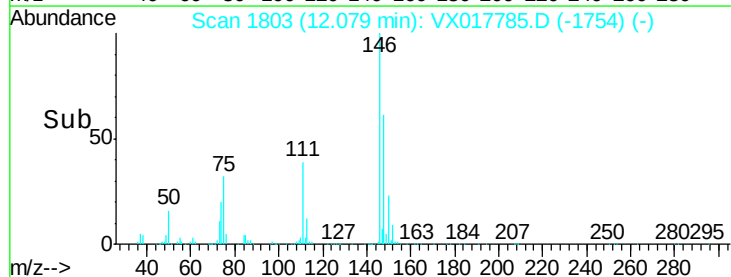
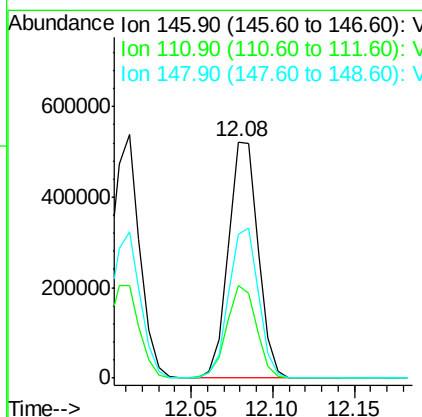
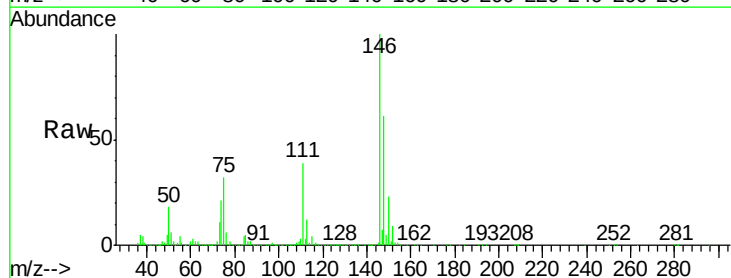
Manual Integrations
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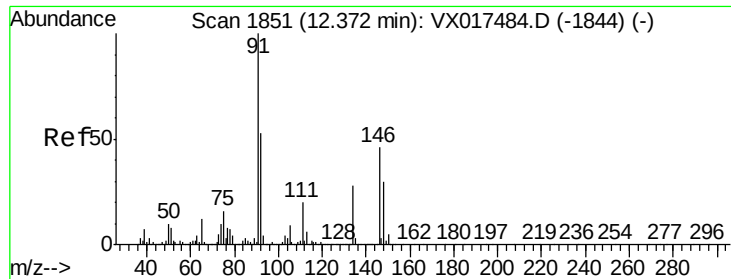
MMDadoda
 8/5/2020 2:51:28 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.027 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	63.5	32.2	96.6





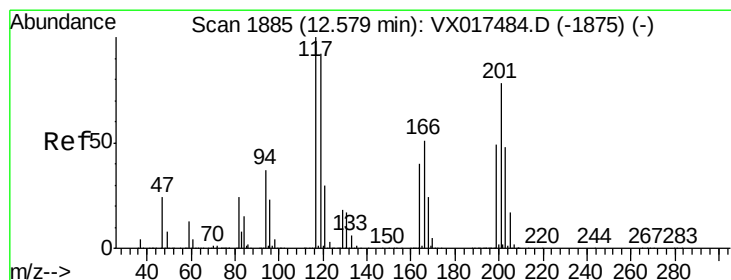
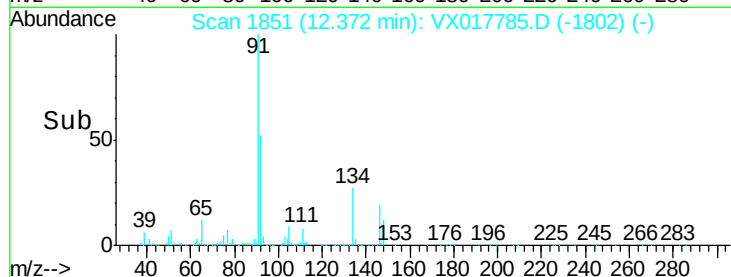
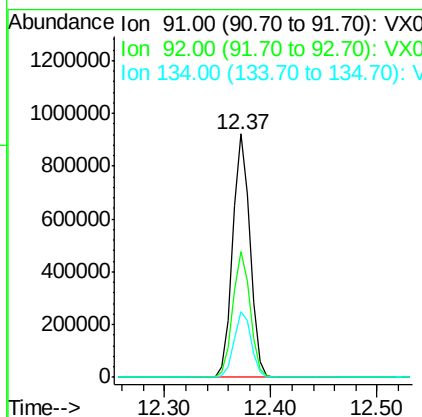
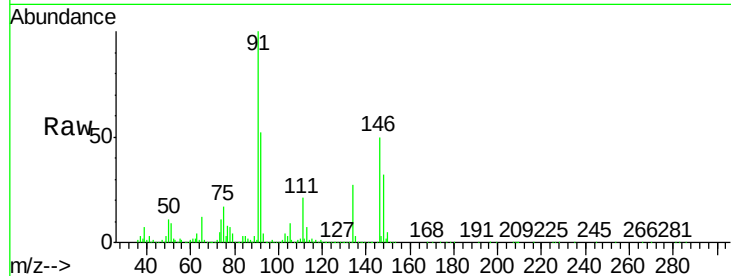
#89
n-Butylbenzene
Concen: 46.379 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1057216
Ion Ratio Lower Upper
91 100
92 52.1 26.7 80.1
134 26.9 13.6 40.7

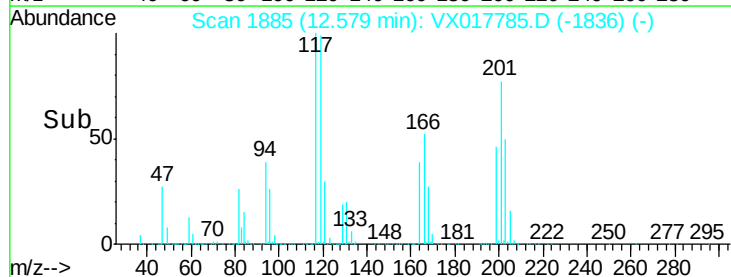
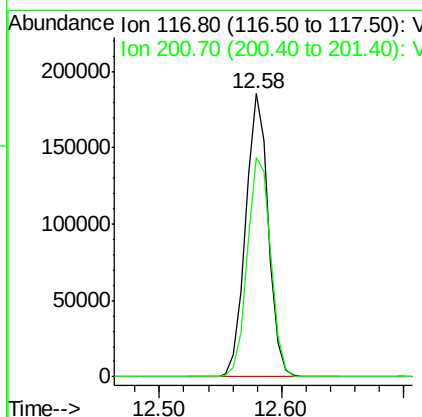
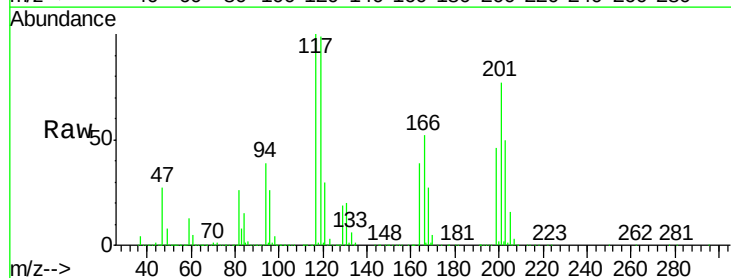
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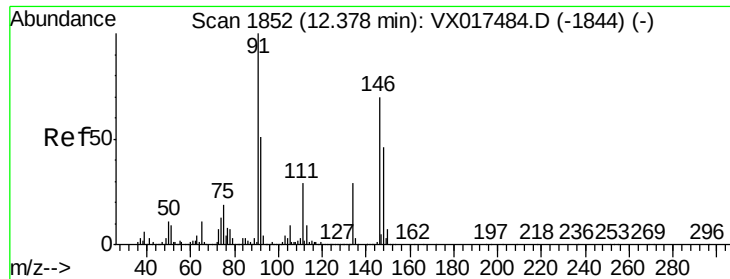
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#90
Hexachloroethane
Concen: 47.089 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 117 Resp: 237497
Ion Ratio Lower Upper
117 100
201 80.4 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 47.257 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

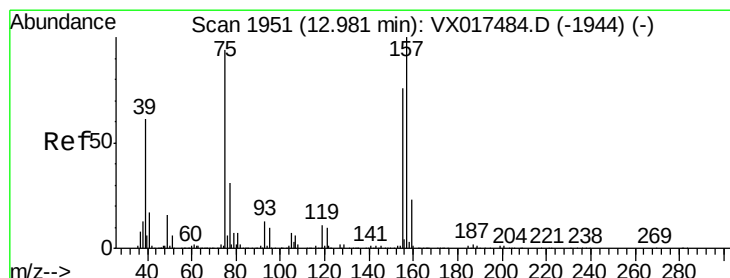
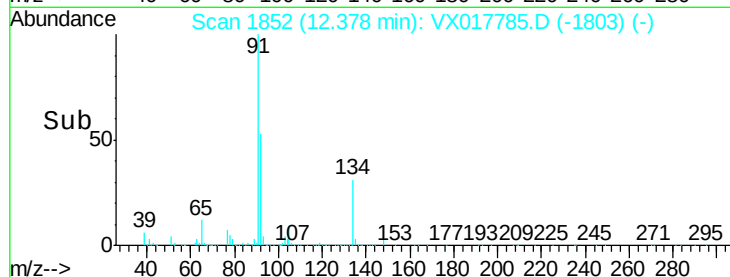
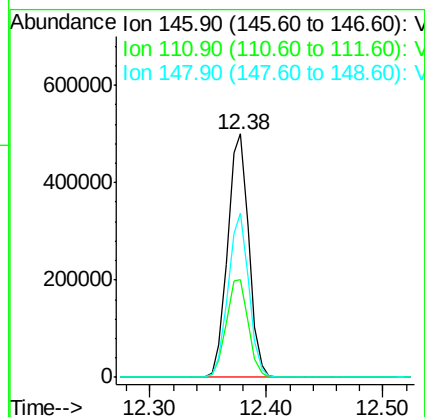
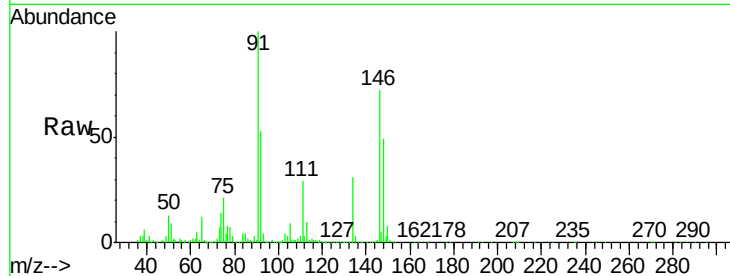
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	630256
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.9	62.8
148	65.5	32.8	98.4

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.442 ug/l

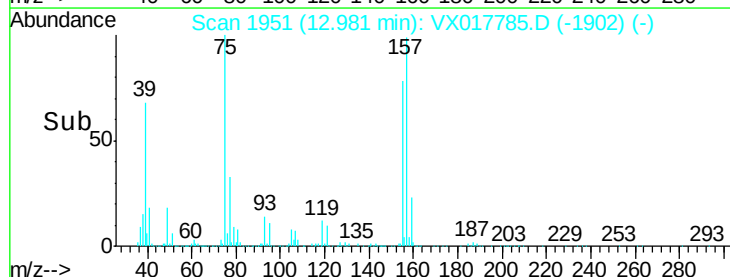
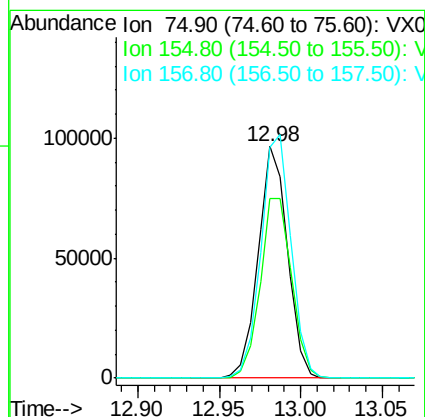
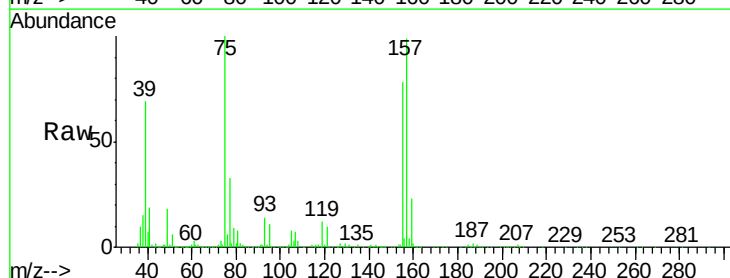
RT: 12.98 min Scan# 1951

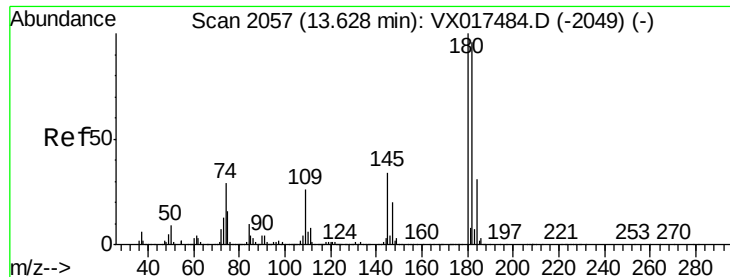
Delta R.T. 0.00 min

Lab File: VX017785.D

Acq: 04 Aug 2020 20:46

Tgt Ion:	75	Resp:	120486
Ion Ratio	Lower	Upper	
75	100		
155	83.2	42.3	126.8
157	107.4	54.3	162.9





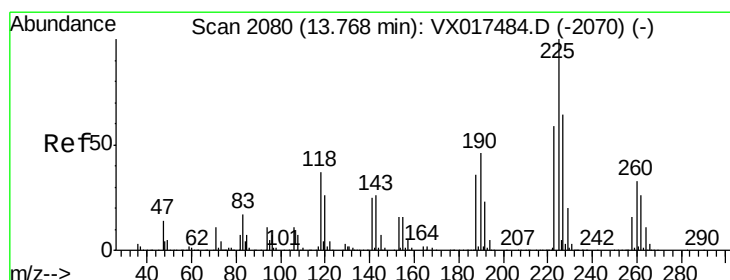
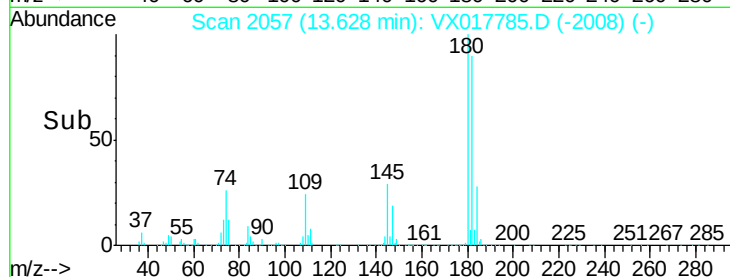
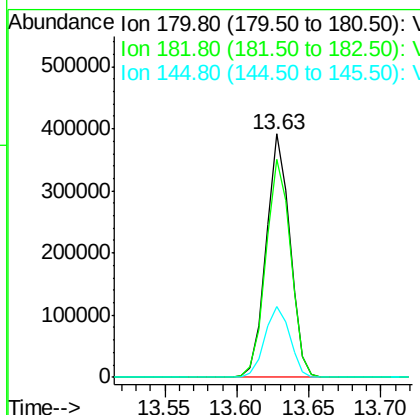
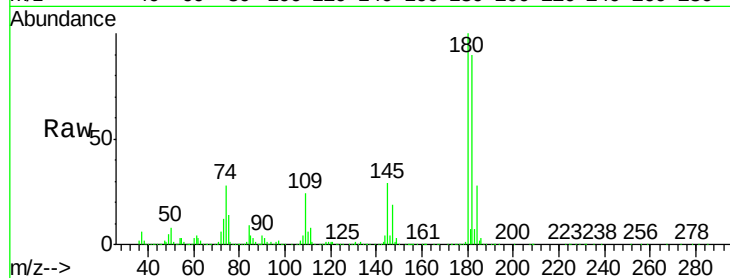
#93
 1,2,4-Trichlorobenzene
 Concen: 48.931 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	445379		
182	93.3	47.5	142.6	
145	30.7	15.4	46.4	

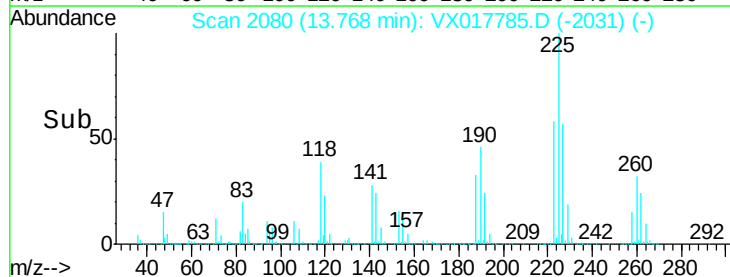
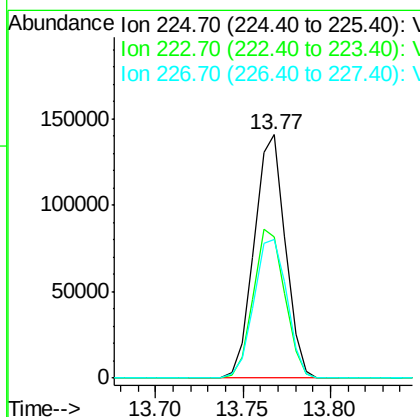
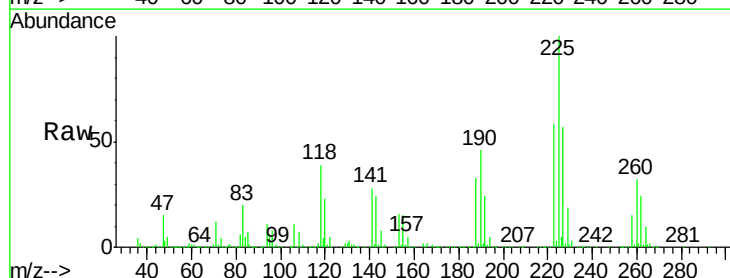
Manual Integrations
 APPROVED

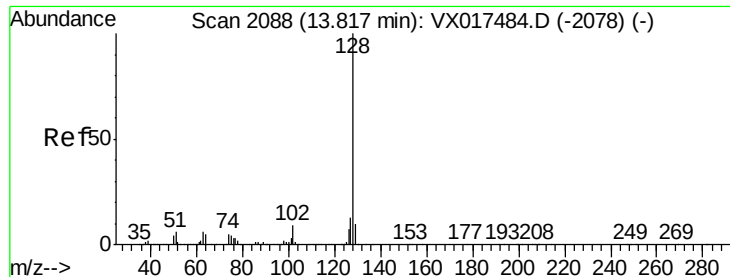
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 41.662 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017785.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174558		
223	61.9	30.3	90.9	
227	60.5	31.1	93.2	





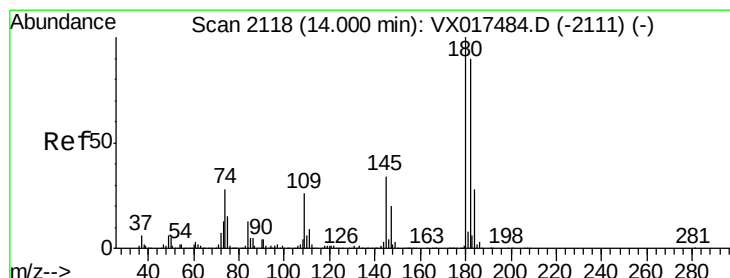
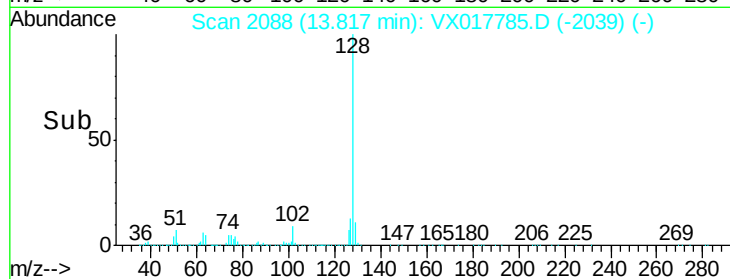
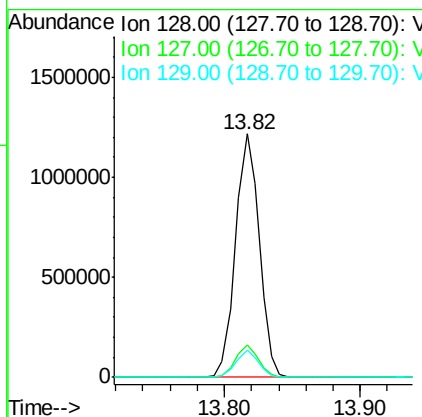
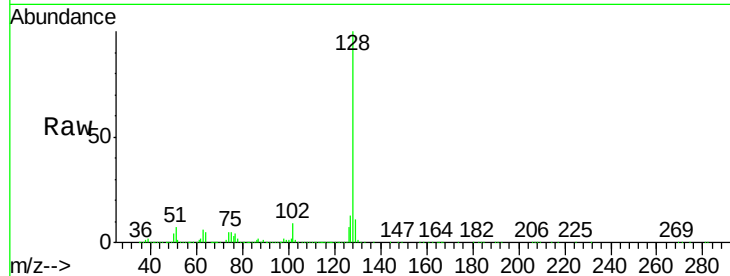
#95
Naphthalene
Concen: 54.364 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/5/2020 2:51:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.310 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017785.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.4	142.3
145	32.6	16.3	48.9

