

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017805.D
 Acq On : 06 Aug 2020 13:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:32:37 PM

Quant Time: Aug 06 15:44:32 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	435873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	667337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	644765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	357283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	303707	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	5.46	113	244810	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	8.70	98	865669	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	11.12	95	357528	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	183218	45.210	ug/l	98
3) Chloromethane	1.32	50	209068	38.886	ug/l	99
4) Vinyl Chloride	1.39	62	212659	38.771	ug/l	100
5) Bromomethane	1.62	94	130822	44.010	ug/l	95
6) Chloroethane	1.70	64	130374	42.998	ug/l	99
7) Trichlorofluoromethane	1.91	101	377844	43.797	ug/l	100
8) Diethyl Ether	2.17	74	126226	44.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	197108	41.634	ug/l	97
10) Methyl Iodide	2.49	142	264587	43.684	ug/l	98
11) Tert butyl alcohol	3.03	59	322711	273.476	ug/l	99
12) 1,1-Dichloroethene	2.36	96	181610	40.339	ug/l	99
13) Acrolein	2.28	56	174187	194.279	ug/l	97
14) Allyl chloride	2.70	41	375488	45.676	ug/l	99
15) Acrylonitrile	3.12	53	694378	272.441	ug/l	100
16) Acetone	2.42	43	594107	241.085	ug/l	94
17) Carbon Disulfide	2.54	76	530852	38.793	ug/l	98
18) Methyl Acetate	2.75	43	337082	58.080	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	764561	49.065	ug/l	97
20) Methylene Chloride	2.83	84	242573	52.325	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	218847	45.375	ug/l	99
22) Diisopropyl ether	3.83	45	762241	50.710	ug/l	98
23) Vinyl Acetate	3.79	43	3411894	254.576	ug/l	100
24) 1,1-Dichloroethane	3.67	63	426590	49.266	ug/l	99
25) 2-Butanone	4.64	43	1000222	285.712	ug/l	95
26) 2,2-Dichloropropane	4.55	77	354080	45.683	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	258603	49.365	ug/l	98
28) Bromochloromethane	4.98	49	194104	49.468	ug/l	97
29) Tetrahydrofuran	5.09	42	631576	291.252	ug/l	100
30) Chloroform	5.18	83	458003	51.767	ug/l	97
31) Cyclohexane	5.54	56	330243	47.827	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	422456	50.636	ug/l	99
36) 1,1-Dichloropropene	5.77	75	315617	49.313	ug/l	99
37) Ethyl Acetate	4.80	43	376185	53.718	ug/l	99
38) Carbon Tetrachloride	5.76	117	392385	50.485	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344511	46.109	ug/l	99
40) Benzene	6.11	78	919038	50.085	ug/l	100
41) Methacrylonitrile	5.01	41	209802	52.267	ug/l	97
42) 1,2-Dichloroethane	6.16	62	382148	50.906	ug/l	100
43) Isopropyl Acetate	6.42	43	604688	52.334	ug/l	99
44) Trichloroethene	7.19	130	274330	51.157	ug/l	96
45) 1,2-Dichloropropane	7.49	63	250868	49.318	ug/l	99
46) Dibromomethane	7.64	93	176993	49.235	ug/l	98
47) Bromodichloromethane	7.87	83	380995	52.672	ug/l	100
48) Methyl methacrylate	7.75	41	306100	53.444	ug/l	98
49) 1,4-Dioxane	7.71	88	126171	1149.003	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2002184	290.418	ug/l	100
52) Toluene	8.77	92	601970	51.154	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	412791	50.980	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	426316	51.618	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	268952	54.863	ug/l	99
56) Ethyl methacrylate	9.16	69	413435	55.979	ug/l	97
57) 1,3-Dichloropropane	9.35	76	427424	52.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1004096	258.052	ug/l	100
59) 2-Hexanone	9.48	43	1549787	298.581	ug/l	99
60) Dibromochloromethane	9.57	129	326762	52.443	ug/l	100
61) 1,2-Dibromoethane	9.65	107	289514	55.471	ug/l	99
64) Tetrachloroethene	9.32	164	279675	48.329	ug/l	95
65) Chlorobenzene	10.12	112	687938	49.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	286243	50.820	ug/l	99
67) Ethyl Benzene	10.24	91	1194291	51.265	ug/l	97
68) m/p-Xylenes	10.34	106	910135	100.846	ug/l	94
69) o-Xylene	10.68	106	435206	50.139	ug/l	98
70) Styrene	10.70	104	786989	53.289	ug/l	98
71) Bromoform	10.84	173	255157	52.287	ug/l #	99
73) Isopropylbenzene	11.01	105	1236651	50.454	ug/l	100
74) N-amyl acetate	10.88	43	559386	51.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	383079	50.072	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	375051m	51.031	ug/l	
77) Bromobenzene	11.24	156	326044	47.516	ug/l	98
78) n-propylbenzene	11.35	91	1399468	50.625	ug/l	99
79) 2-Chlorotoluene	11.41	91	836990	48.878	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1044921	49.932	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	145706	49.956	ug/l	97
82) 4-Chlorotoluene	11.49	91	1005503	49.778	ug/l	99
83) tert-Butylbenzene	11.76	119	1010851	50.481	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1065030	51.168	ug/l	99
85) sec-Butylbenzene	11.93	105	1194745	51.218	ug/l	100
86) p-Isopropyltoluene	12.05	119	1122453	50.529	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	566789	48.101	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	565725	46.351	ug/l	99
89) n-Butylbenzene	12.37	91	970759	49.043	ug/l	100
90) Hexachloroethane	12.58	117	218115	49.803	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	543784	46.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	104924	48.573	ug/l	97

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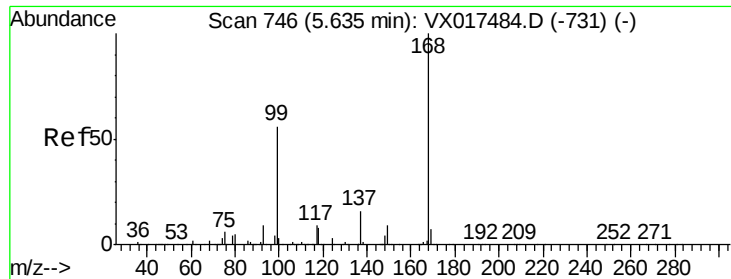
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	378633	47.905	ug/l	99
94) Hexachlorobutadiene	13.77	225	164953	45.338	ug/l	99
95) Naphthalene	13.82	128	1232463	52.235	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	382215	48.976	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 435873

Ion Ratio Lower Upper

168 100

99 57.1

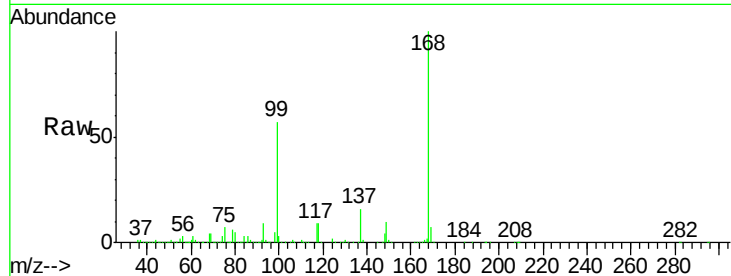
43.4 65.2

Manual Integrations

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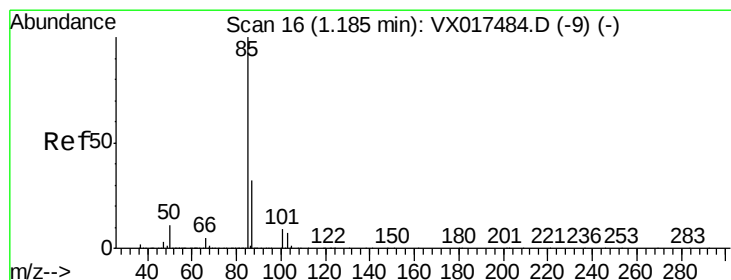
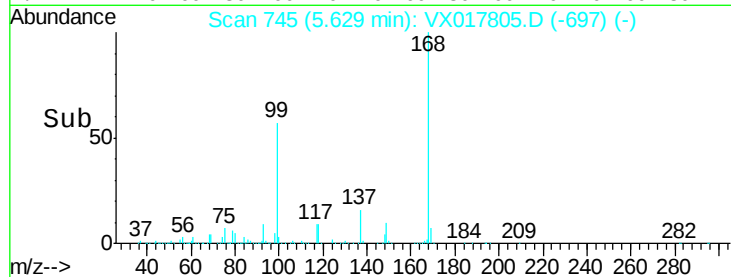
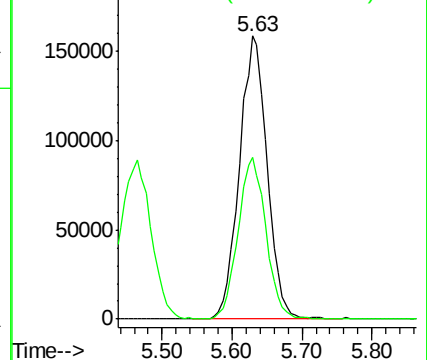
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.210 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

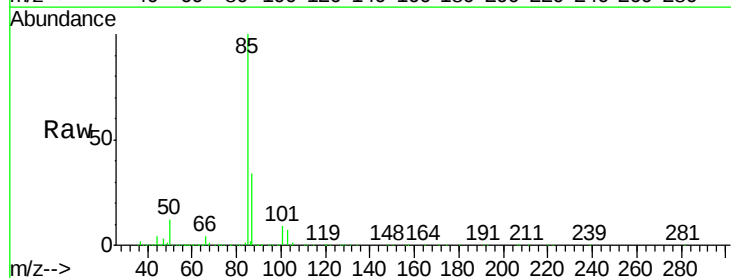
Tgt Ion: 85 Resp: 183218

Ion Ratio Lower Upper

85 100

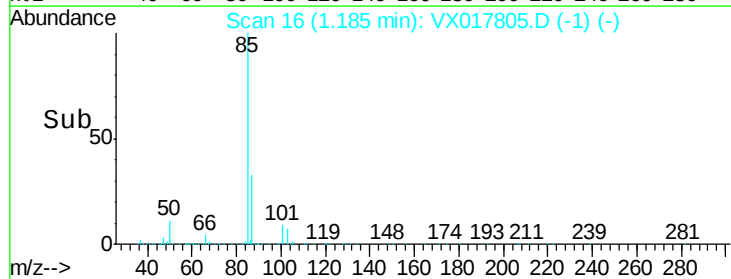
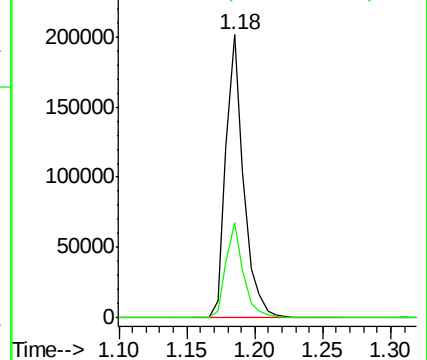
87 33.5

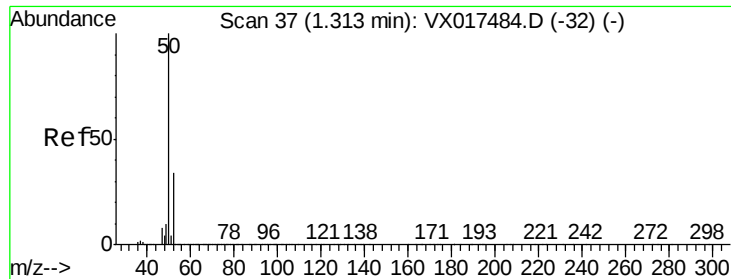
16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.886 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 209068

Ion Ratio Lower Upper

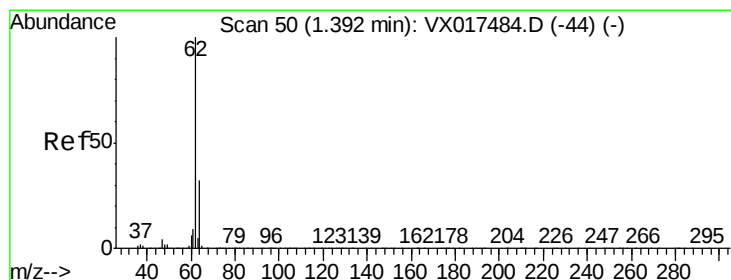
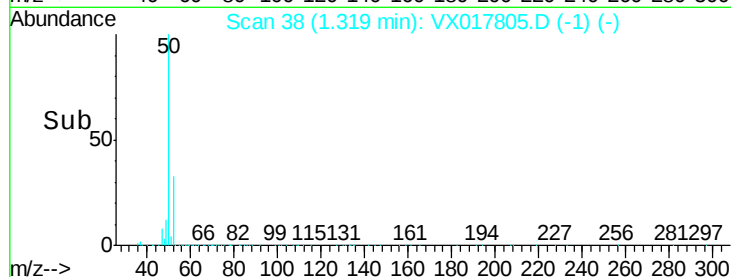
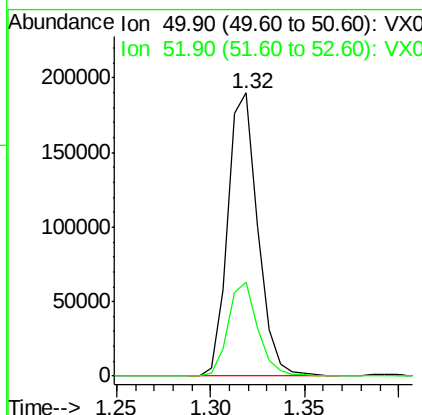
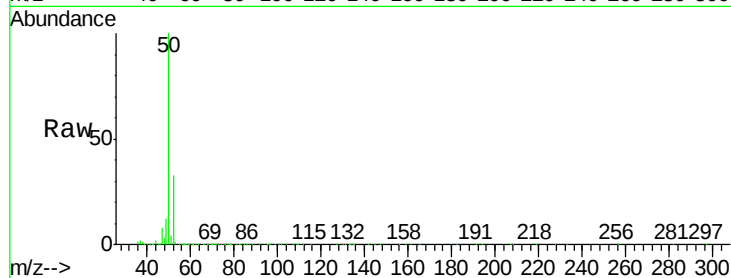
50 100

52 33.1 25.9 38.9

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#4

Vinyl Chloride

Concen: 38.771 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017805.D

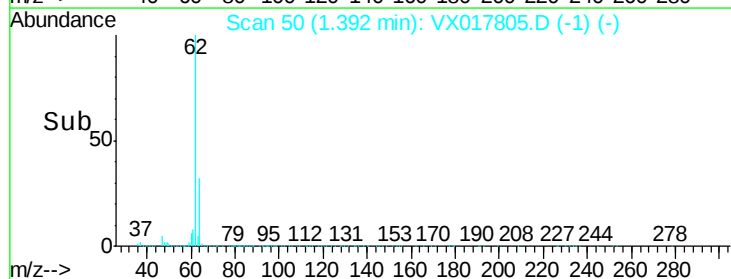
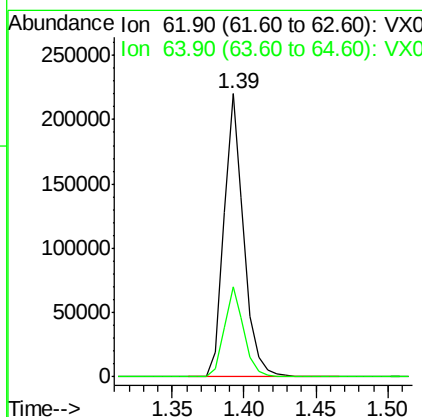
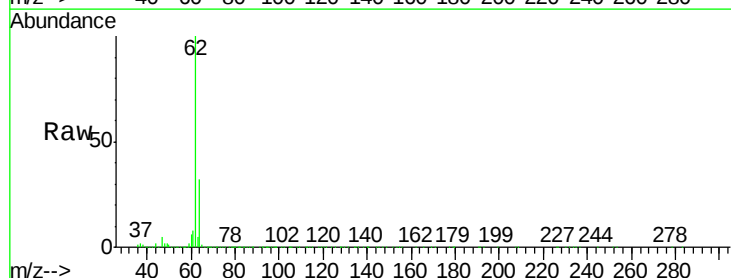
Acq: 06 Aug 2020 13:55

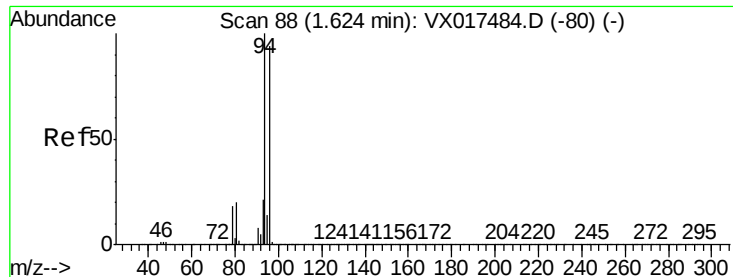
Tgt Ion: 62 Resp: 212659

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 44.010 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 130822

Ion Ratio Lower Upper

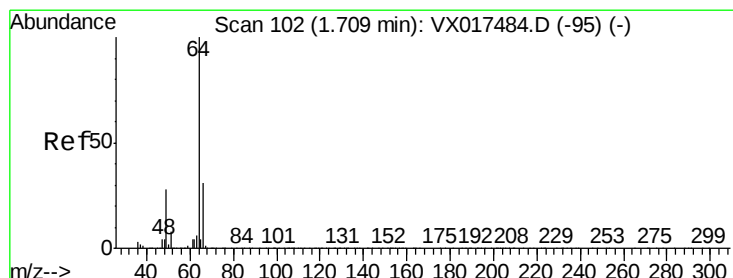
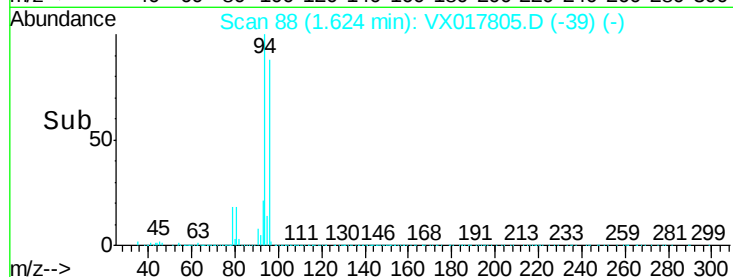
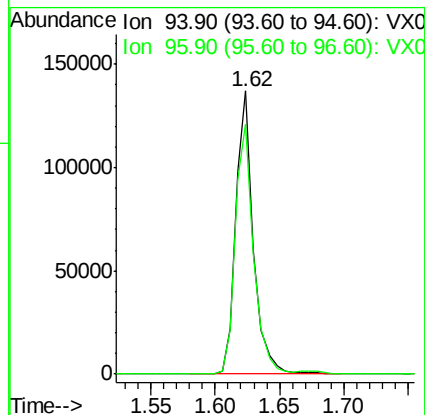
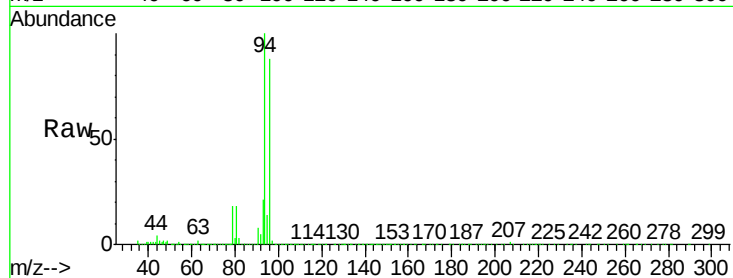
94 100

96 88.3 74.1 111.1

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APPROVED

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#6

Chloroethane

Concen: 42.998 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017805.D

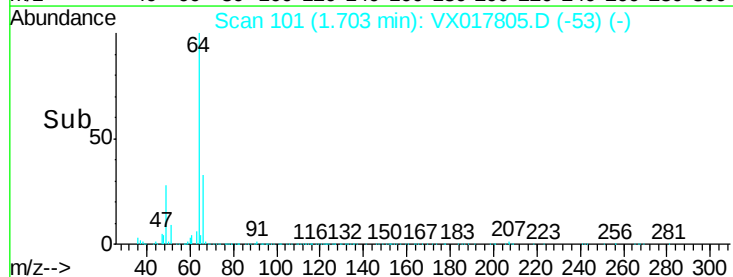
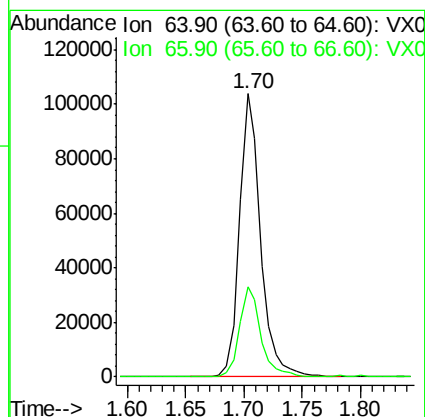
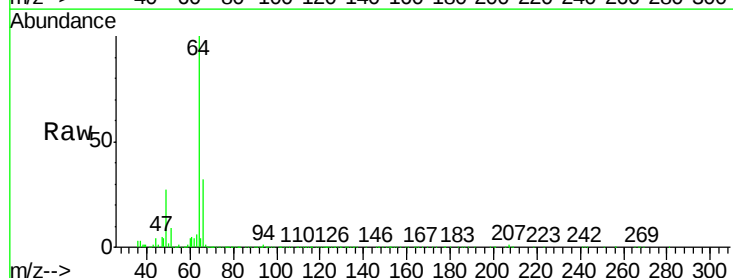
Acq: 06 Aug 2020 13:55

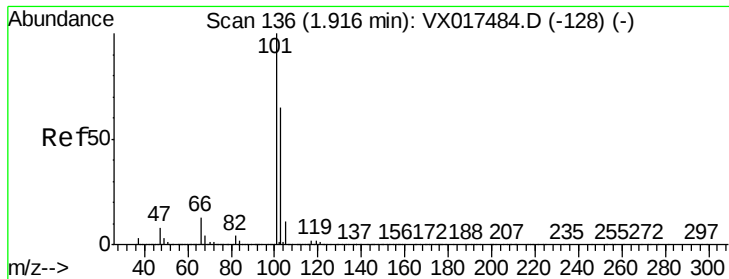
Tgt Ion: 64 Resp: 130374

Ion Ratio Lower Upper

64 100

66 31.8 24.9 37.3





#7

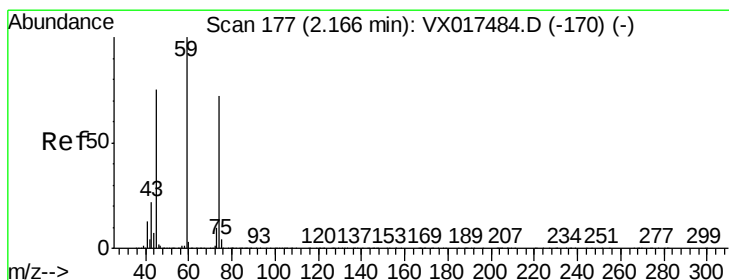
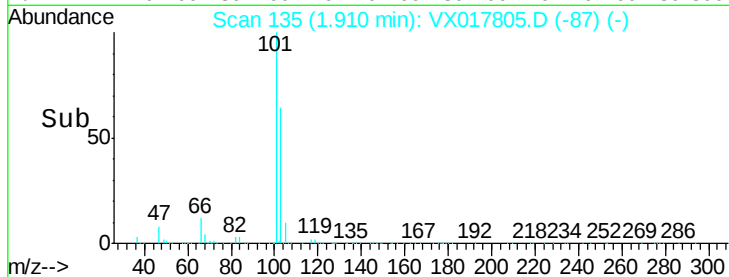
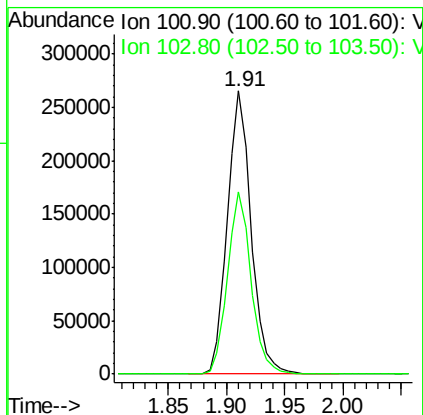
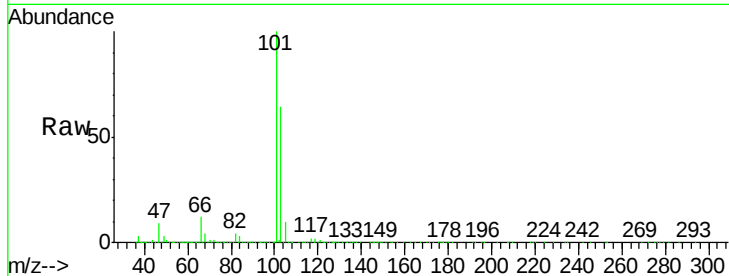
Trichlorofluoromethane
Concen: 43.797 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017805.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.8

Manual Integrations
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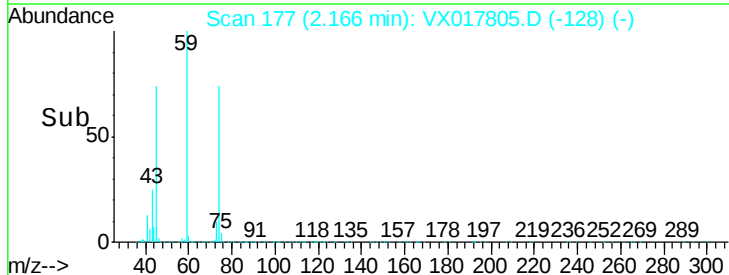
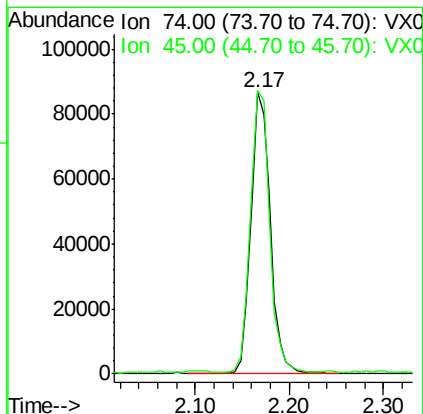
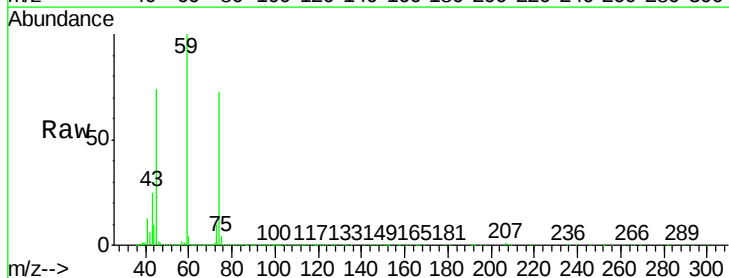
MMDadoda
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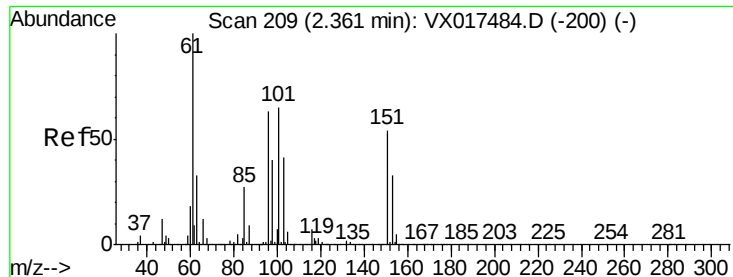


#8

Diethyl Ether
Concen: 44.993 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.634 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

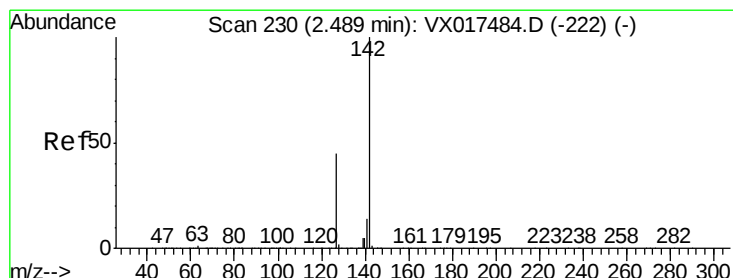
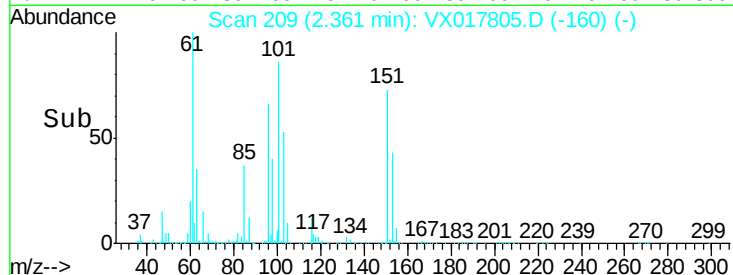
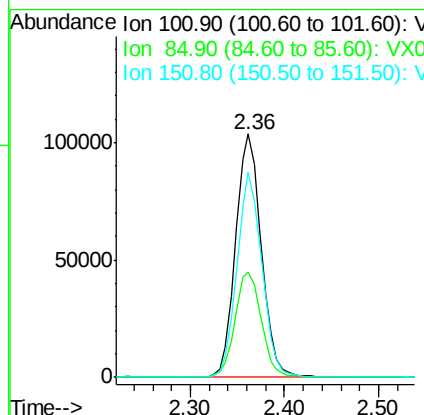
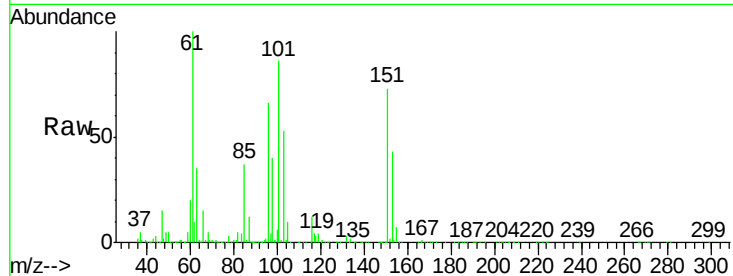
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	197108
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.8	52.2
151	81.9	68.0	102.0

Manual Integrations
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MMDadoda
8/7/2020 4:32:37 PM



#10

Methyl Iodide

Concen: 43.684 ug/l

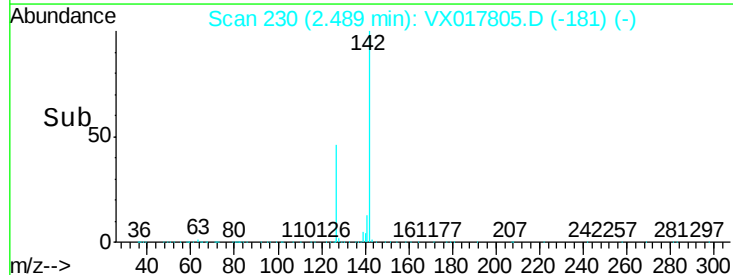
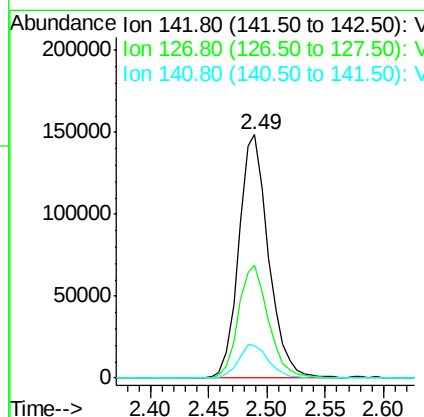
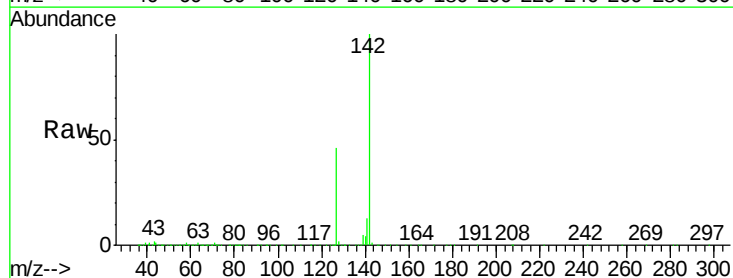
RT: 2.49 min Scan# 230

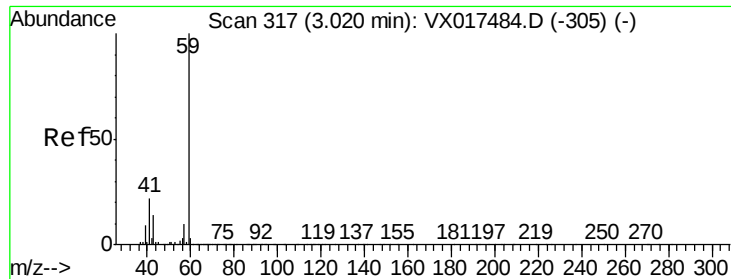
Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion:	142	Resp:	264587
Ion Ratio	Lower	Upper	
142	100		
127	47.0	35.9	53.9
141	14.3	11.4	17.0





#11

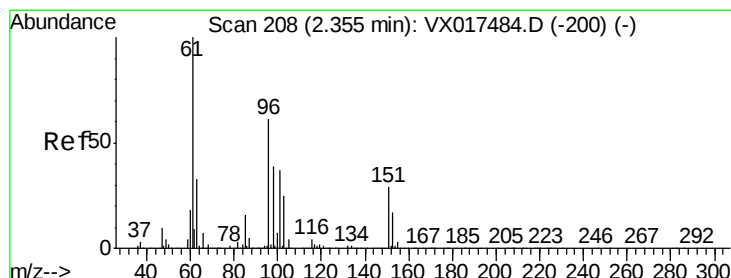
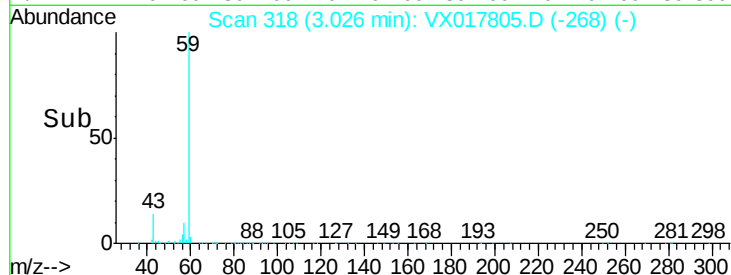
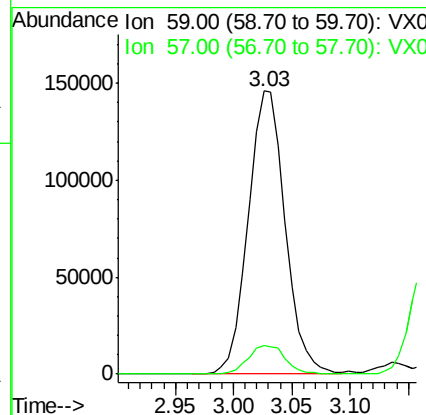
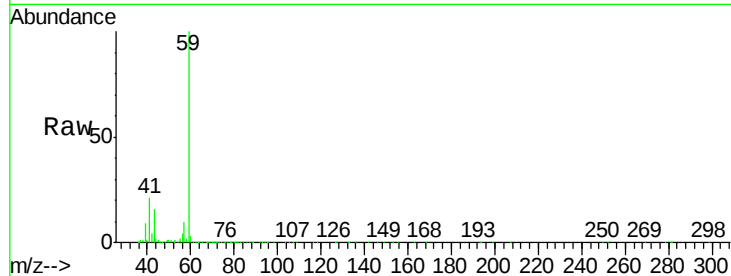
Tert butyl alcohol
Concen: 273.476 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

Manual Integrations
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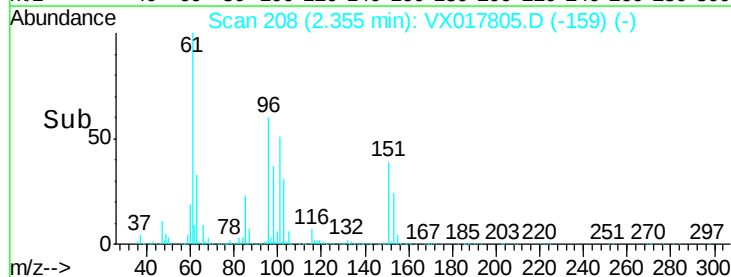
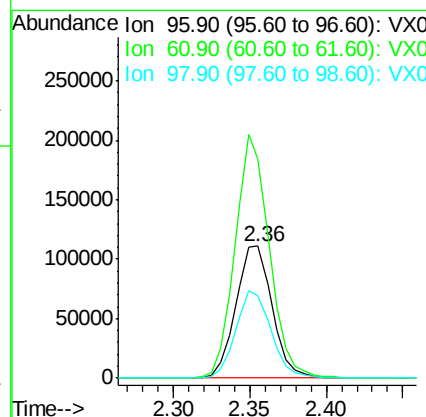
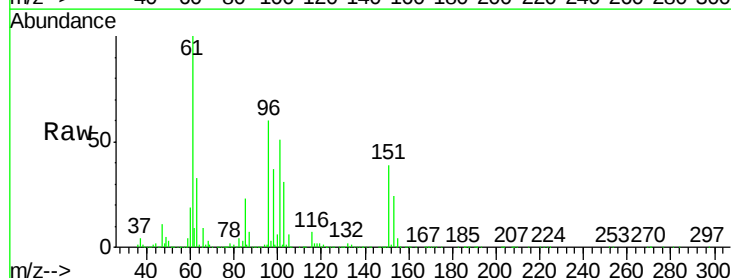
MMDadoda
8/7/2020 4:32:37 PM

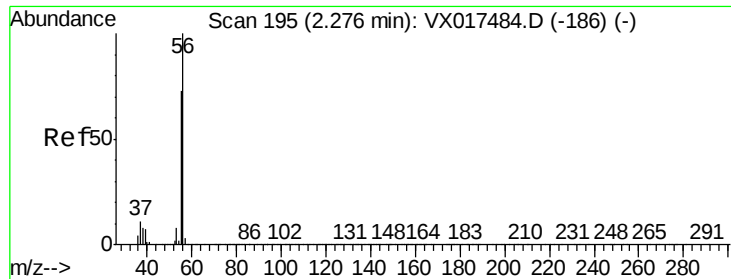


#12

1,1-Dichloroethene
Concen: 40.339 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.3	134.0	201.0
98	62.2	51.0	76.4





#13

Acrolein

Concen: 194.279 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 174187

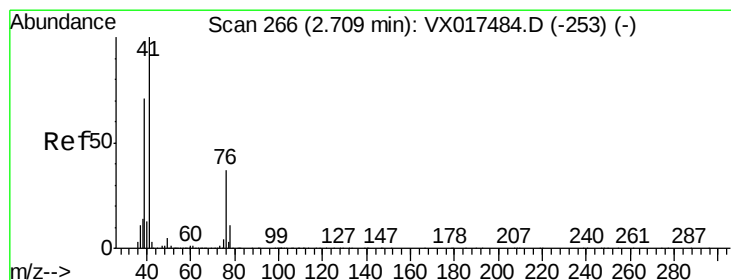
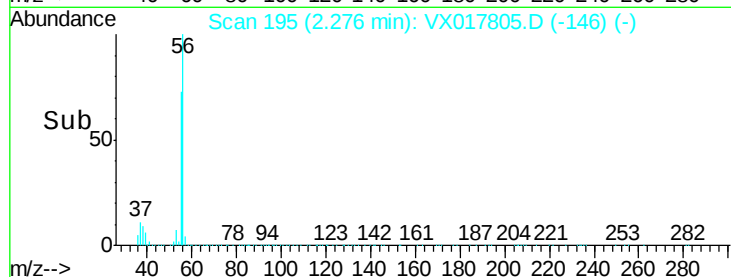
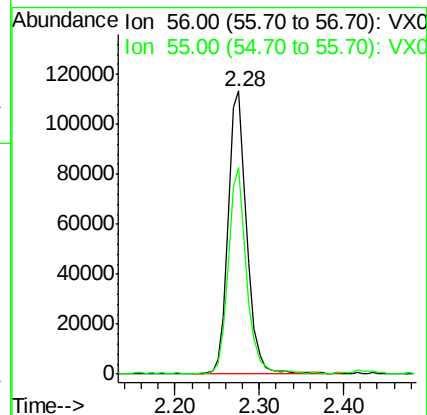
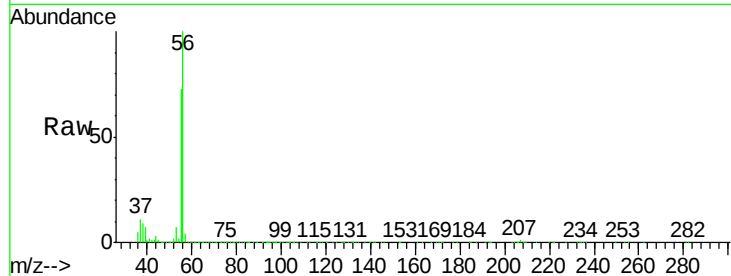
Ion Ratio Lower Upper

56 100

55 69.5 57.4 86.2

Manual Integrations
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#14

Allyl chloride

Concen: 45.676 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

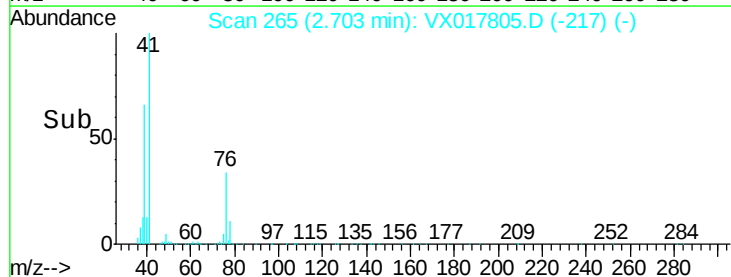
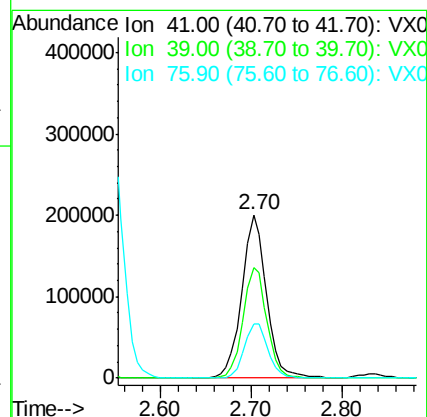
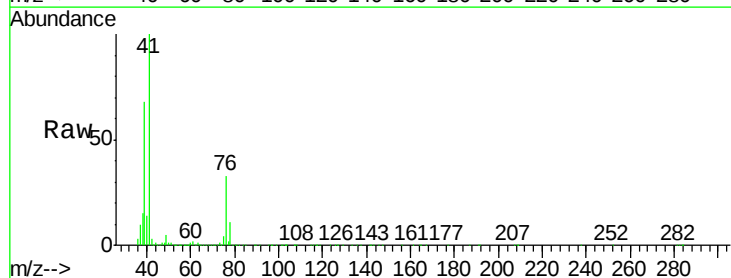
Tgt Ion: 41 Resp: 375488

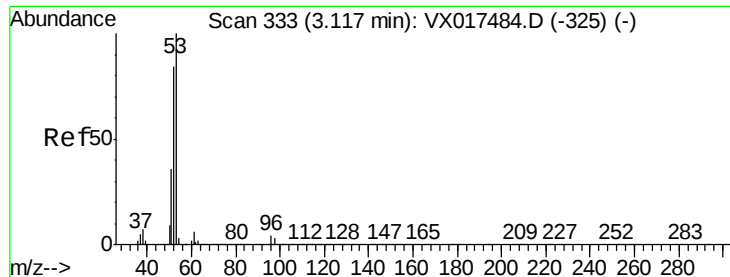
Ion Ratio Lower Upper

41 100

39 65.3 51.9 77.9

76 32.3 25.5 38.3





#15

Acrylonitrile

Concen: 272.441 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

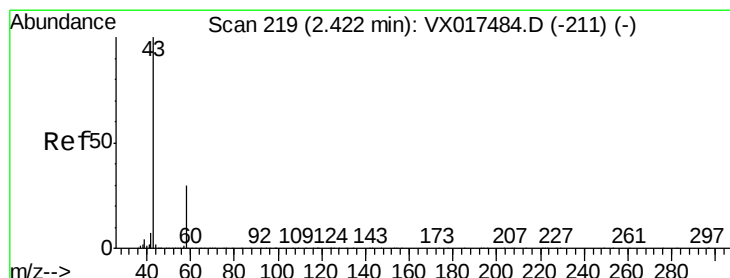
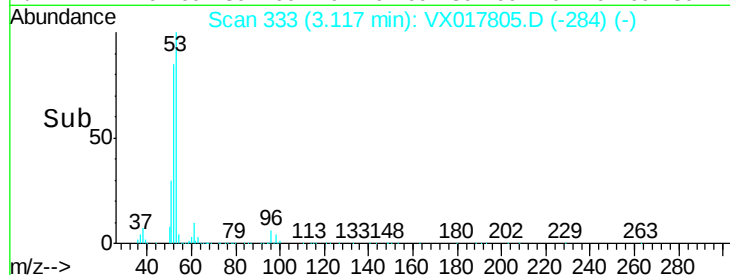
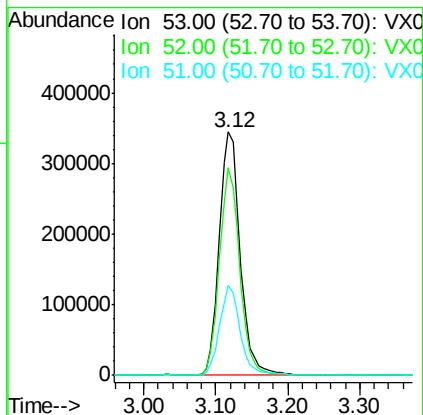
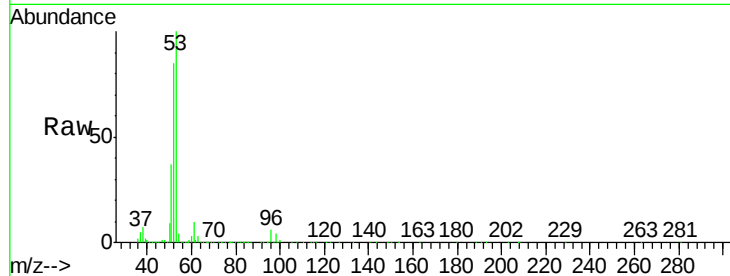
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	694378
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	99.8
51	36.1	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 241.085 ug/l

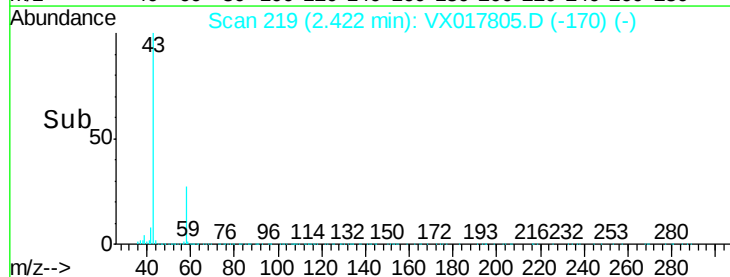
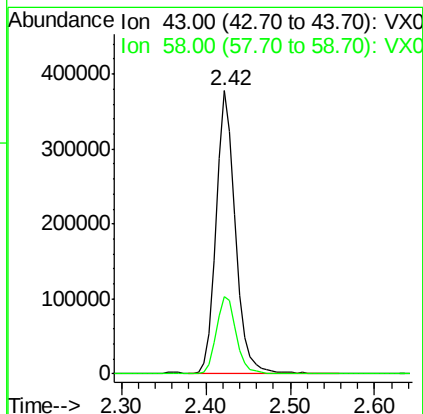
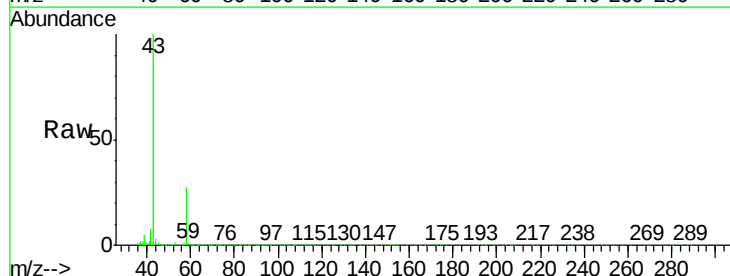
RT: 2.42 min Scan# 219

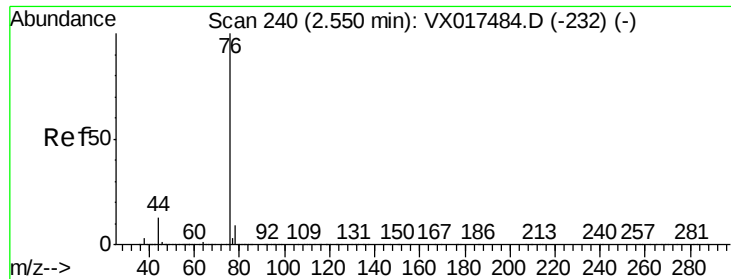
Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion:	43	Resp:	594107
Ion Ratio	Lower	Upper	
43	100		
58	27.3	24.2	36.4





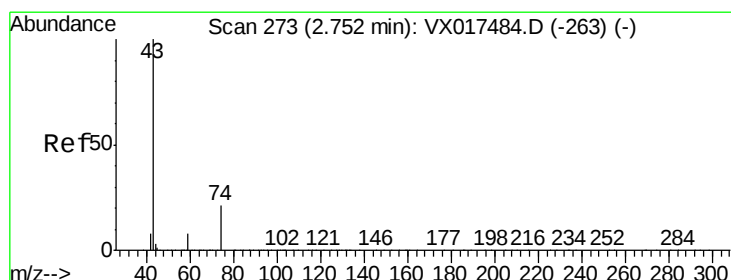
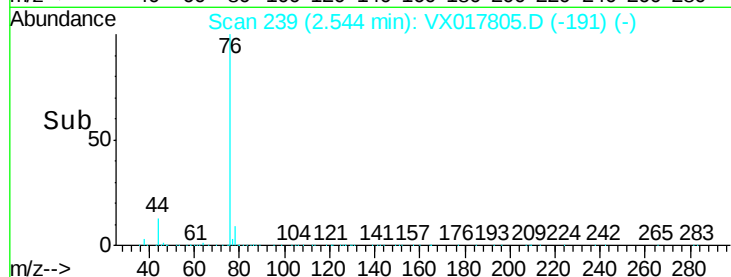
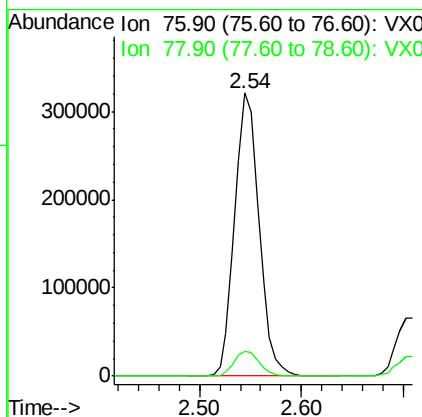
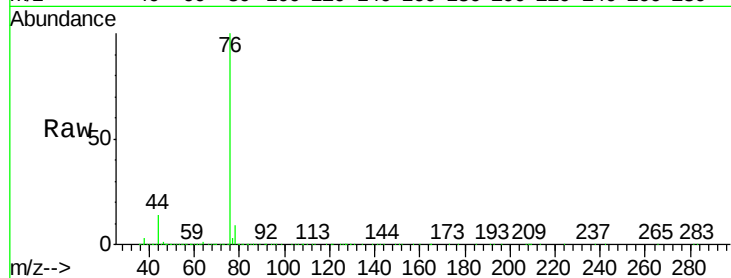
#17
Carbon Disulfide
Concen: 38.793 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

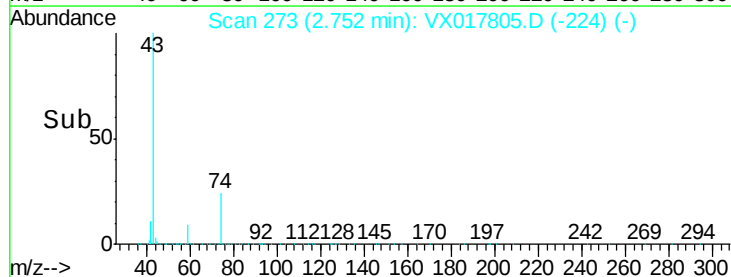
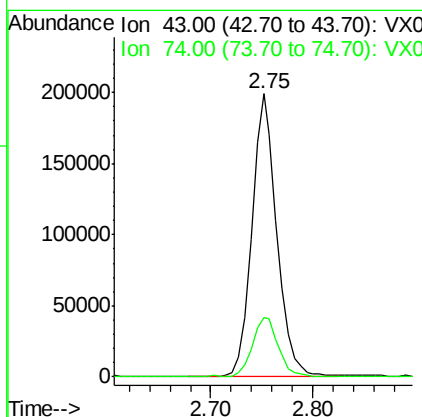
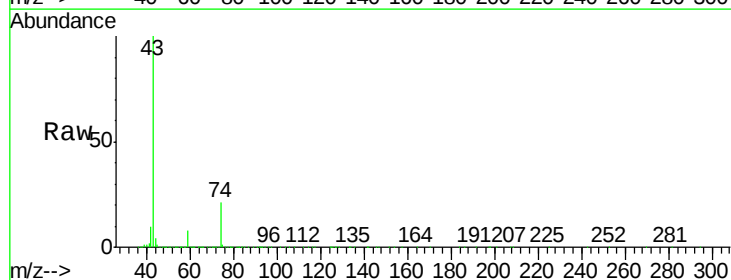
Manual Integrations
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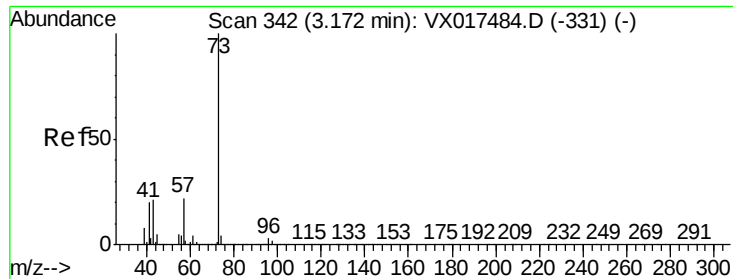
MMDadoda
8/7/2020 4:32:37 PM



#18
Methyl Acetate
Concen: 58.080 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.5	26.3





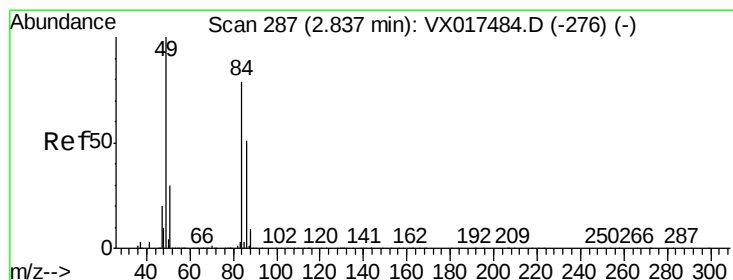
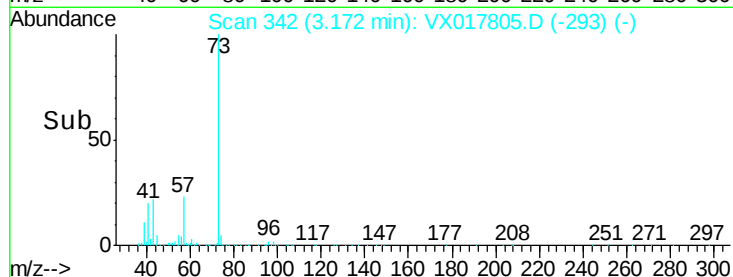
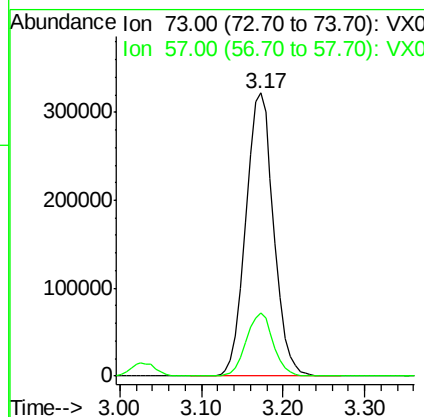
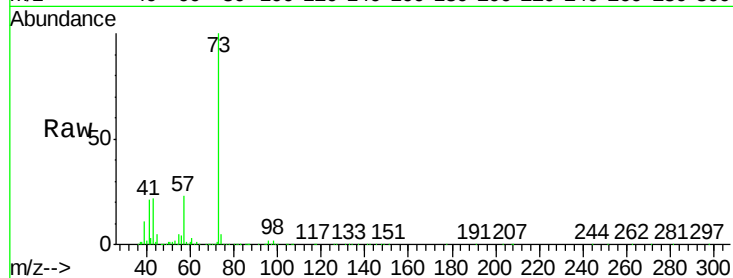
#19
Methvl tert-butvl Ether
Concen: 49.065 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.0	25.4

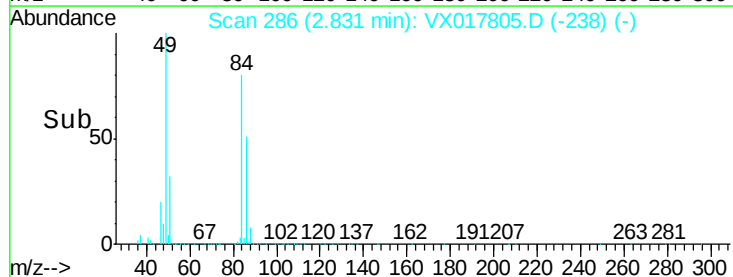
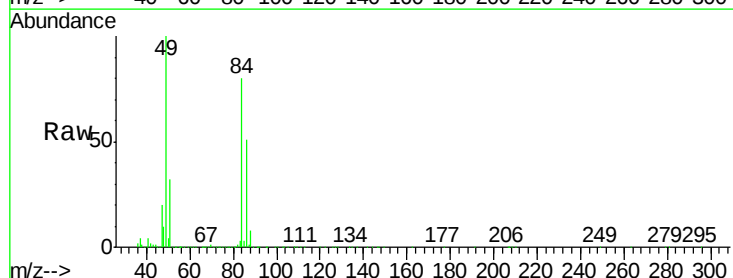
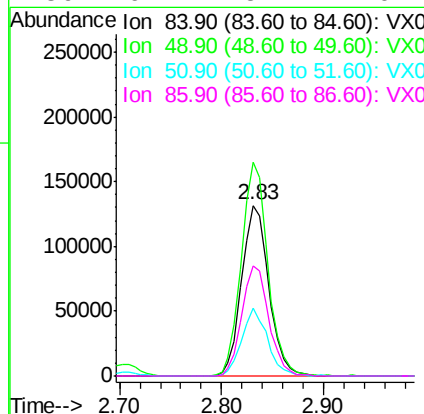
Manual Integrations
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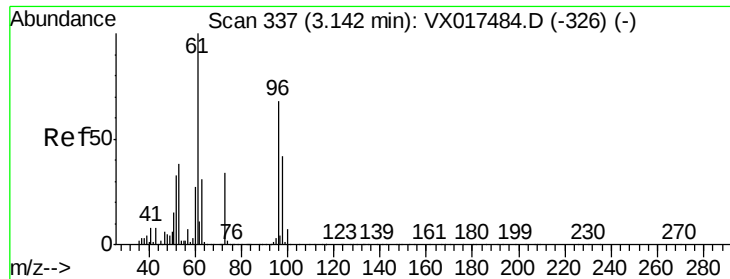
MMDadoda
8/7/2020 4:32:37 PM



#20
Methylene Chloride
Concen: 52.325 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	100.3	150.5
51	39.5	30.5	45.7
86	64.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 45.375 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

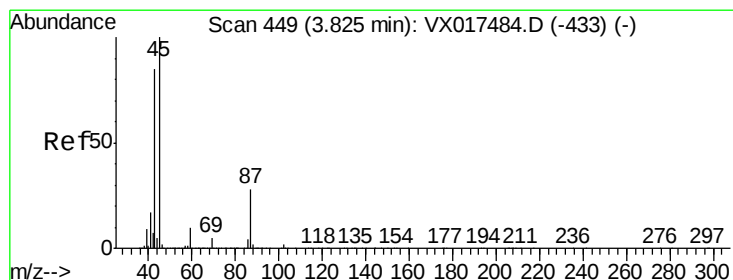
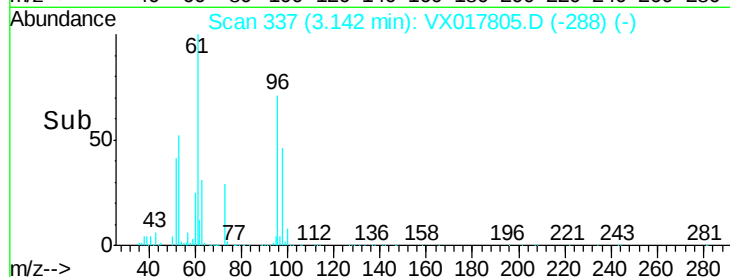
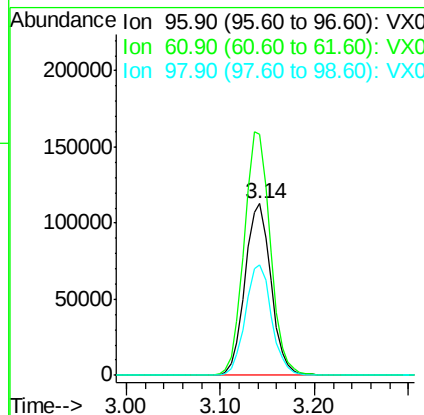
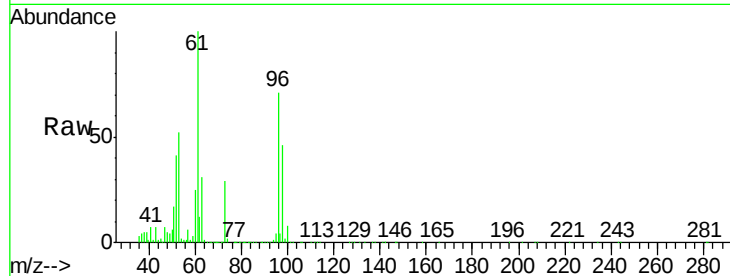
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	218847
Ion	Ratio	Lower	Upper
96	100		
61	140.3	113.0	169.4
98	64.0	51.8	77.8

Manual Integrations
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8/7/2020 4:32:37 PM



#22

Diisopropyl ether

Concen: 50.710 ug/l

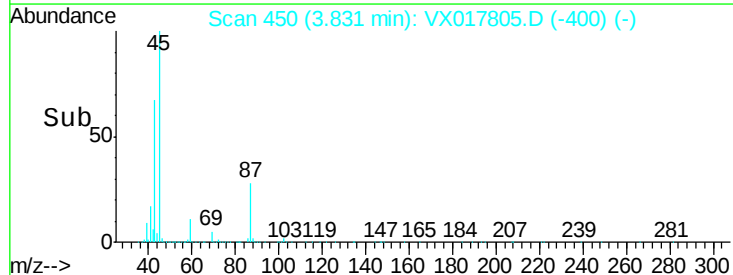
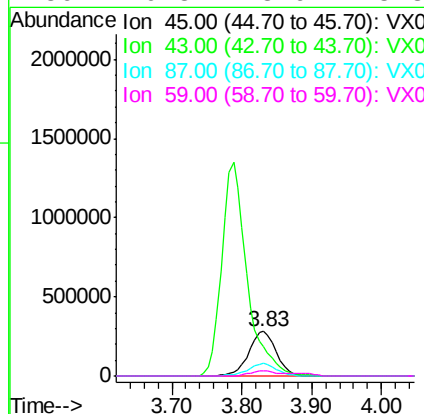
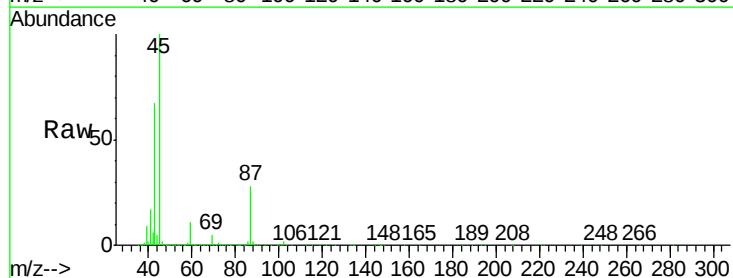
RT: 3.83 min Scan# 450

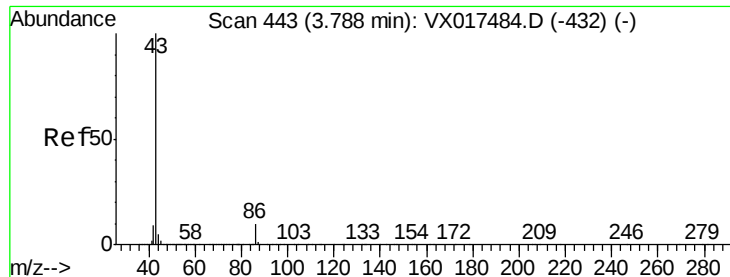
Delta R.T. 0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion:	45	Resp:	762241
Ion	Ratio	Lower	Upper
45	100		
43	67.0	52.0	78.0
87	27.8	22.2	33.4
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 254.576 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3411894

Ion Ratio Lower Upper

43 100

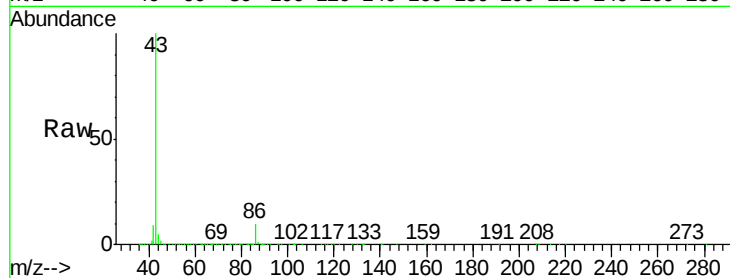
86 10.3 8.2 12.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

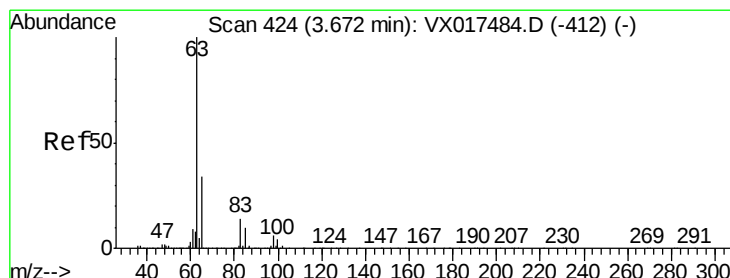
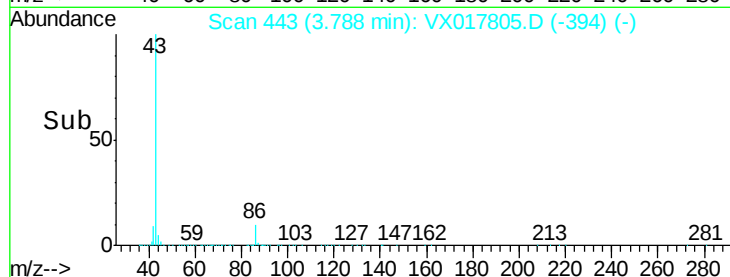
1000000

500000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.266 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

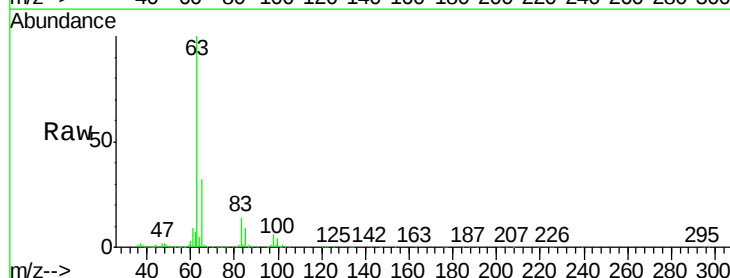
Tgt Ion: 63 Resp: 426590

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.5 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

250000

200000

150000

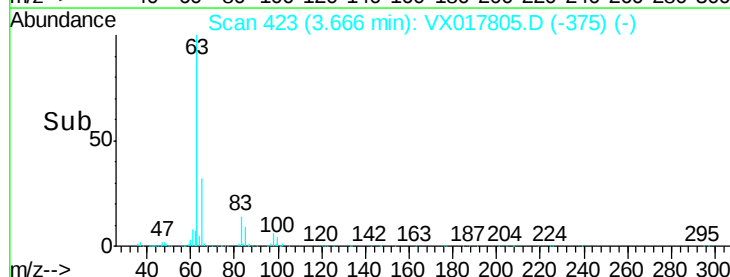
100000

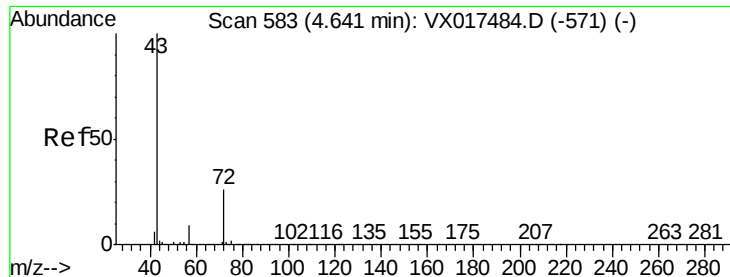
50000

0

3.60 3.70 3.80

Time-->





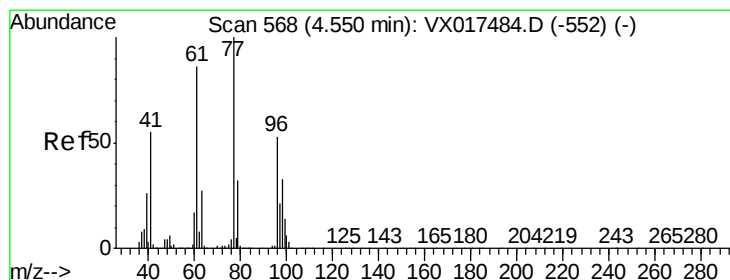
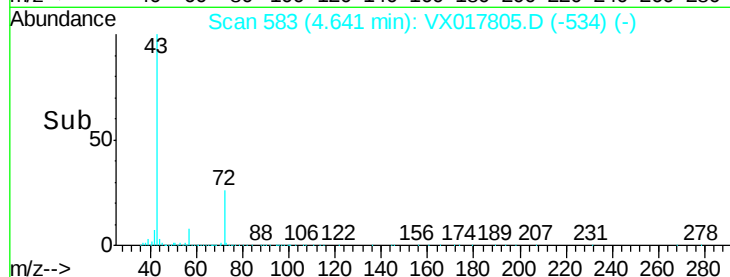
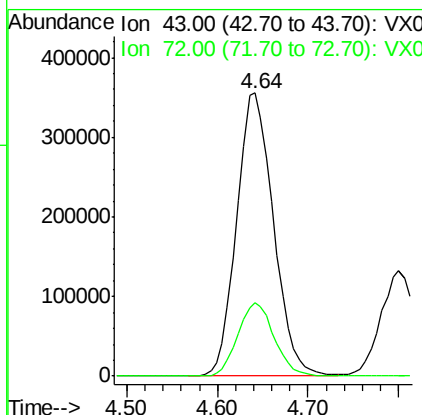
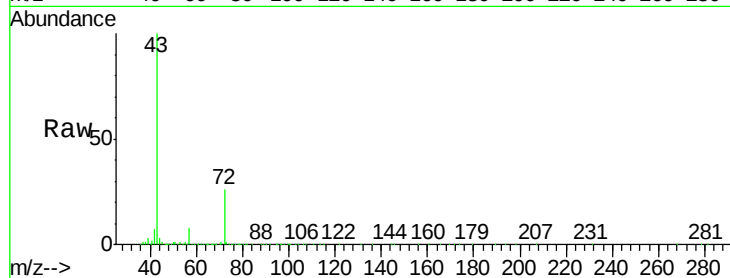
#25
2-Butanone
Concen: 285.712 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1000222
Ion Ratio Lower Upper
43 100
72 26.0 19.0 28.4

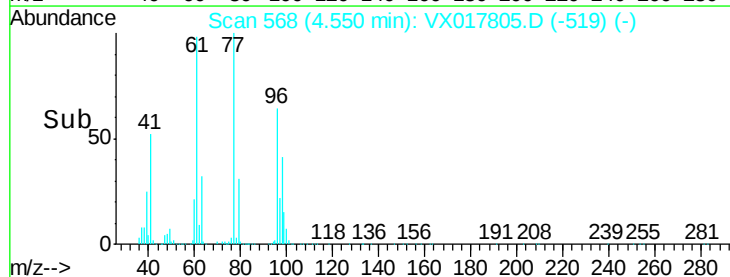
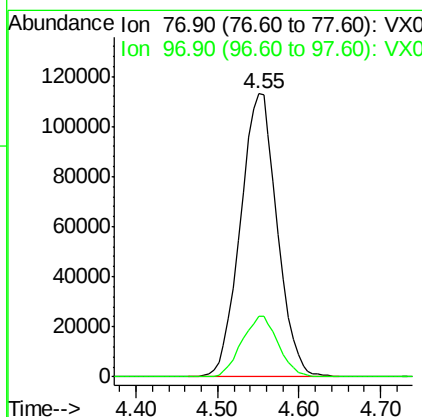
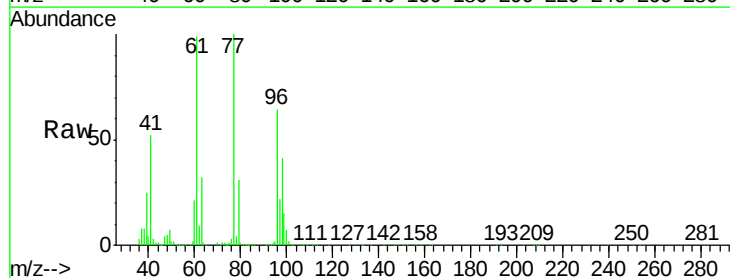
Manual Integrations
APPROVED

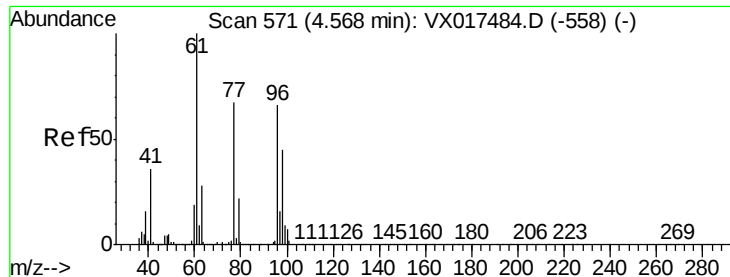
MMDadoda
8/7/2020 4:32:37 PM



#26
2,2-Dichloropropane
Concen: 45.683 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion: 77 Resp: 354080
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9





#27

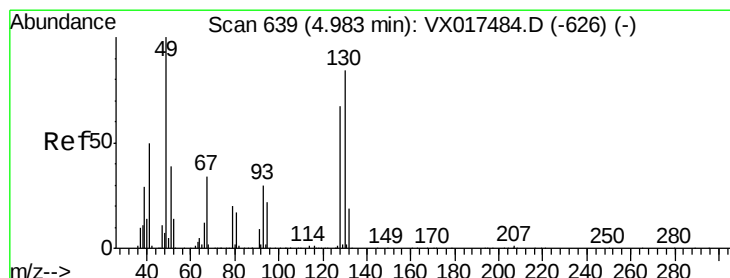
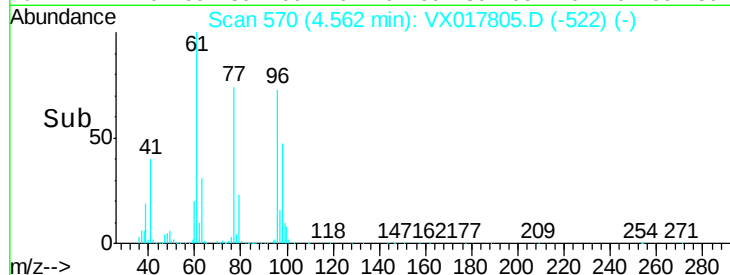
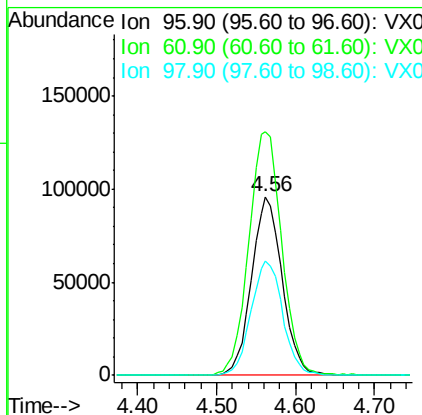
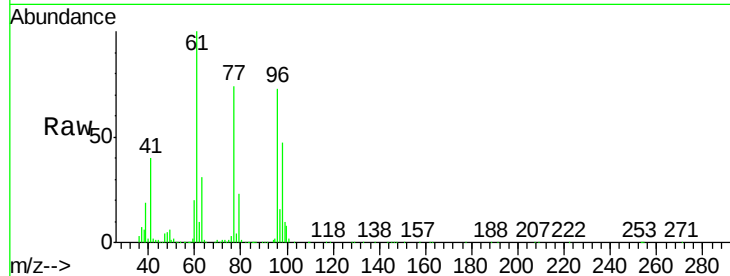
cis-1,2-Dichloroethene
Concen: 49.365 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	258603		
61	147.2	0.0	301.2	
98	66.1	0.0	130.0	

Manual Integrations
APPROVED

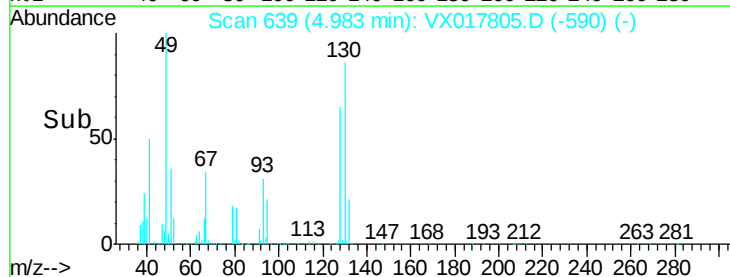
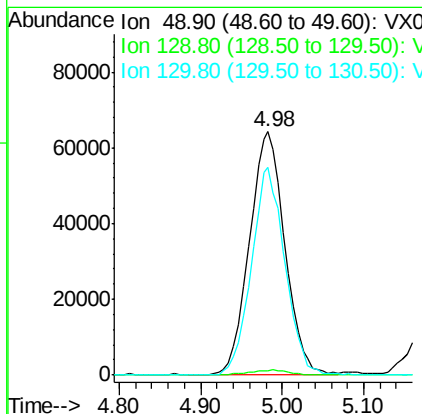
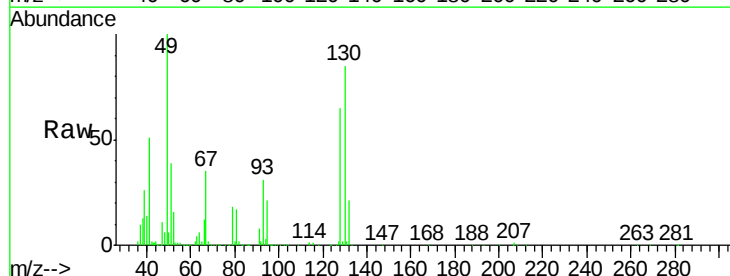
MMDadoda
8/7/2020 4:32:37 PM

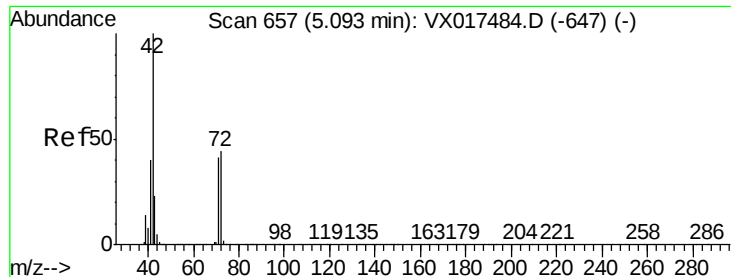


#28

Bromochloromethane
Concen: 49.468 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	194104		
129	2.5	0.0	4.6	
130	80.8	66.7	100.1	





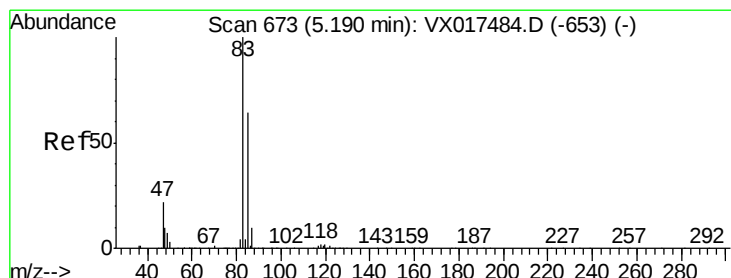
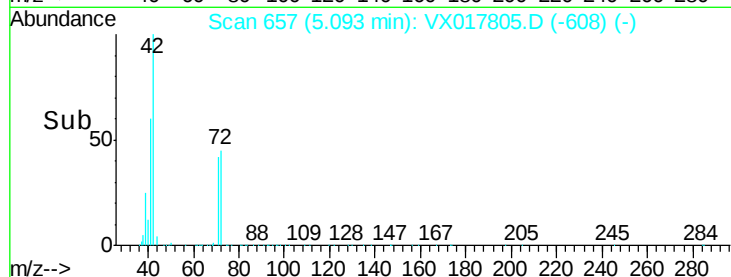
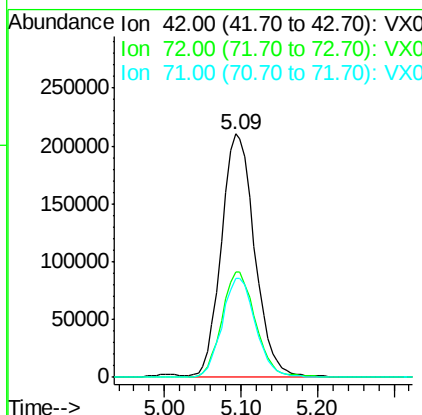
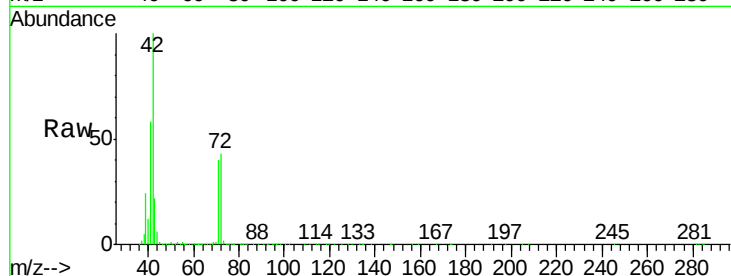
#29
Tetrahydrofuran
Concen: 291.252 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.5	53.3
71	41.0	33.0	49.4

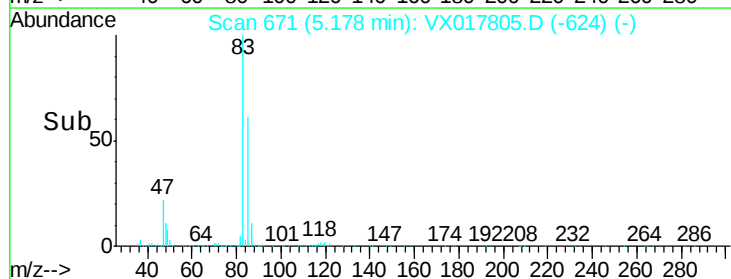
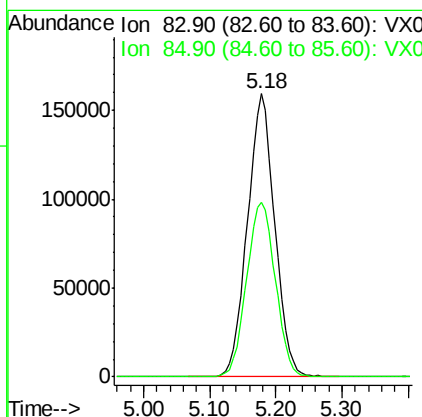
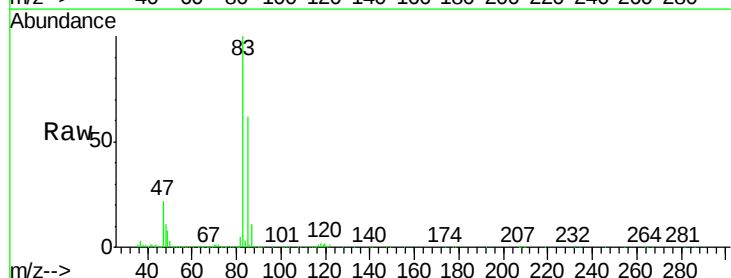
Manual Integrations
APPROVED

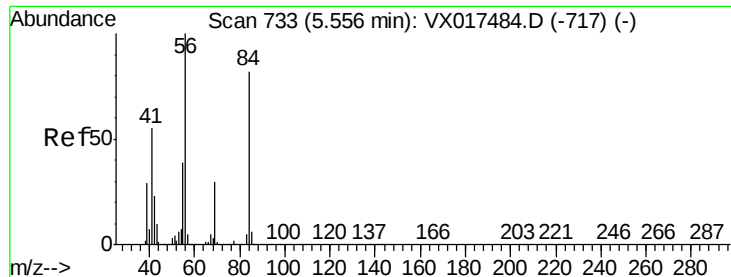
MMDadoda
8/7/2020 4:32:37 PM



#30
Chloroform
Concen: 51.767 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.4	77.2





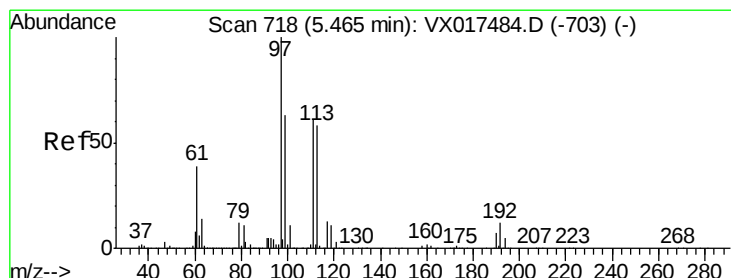
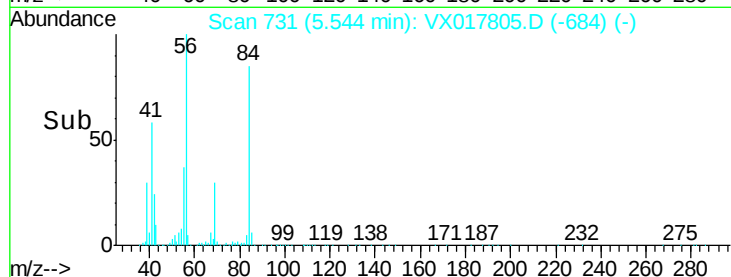
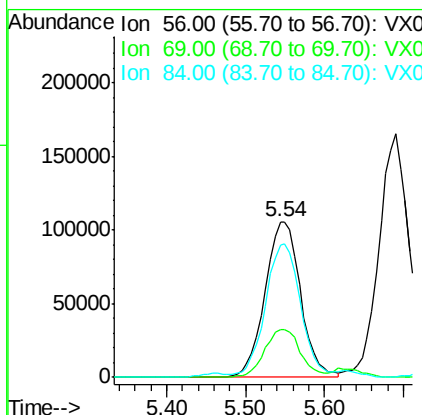
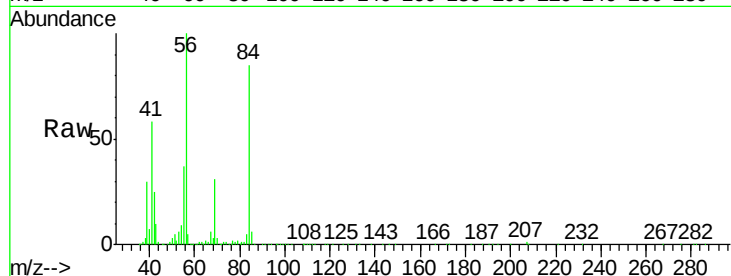
#31
Cyclohexane
Concen: 47.827 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.2	36.4
84	84.6	69.0	103.6

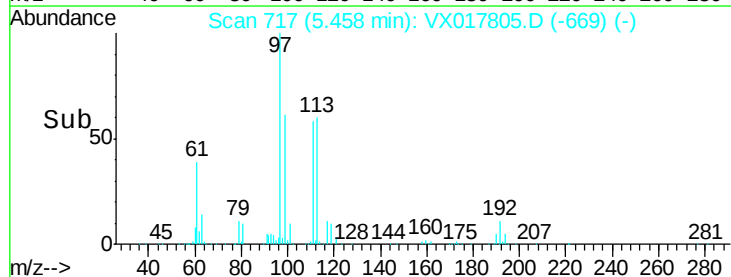
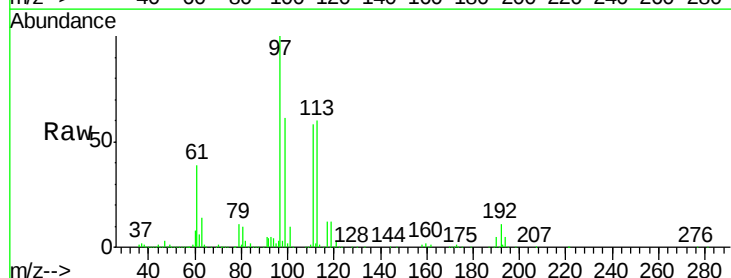
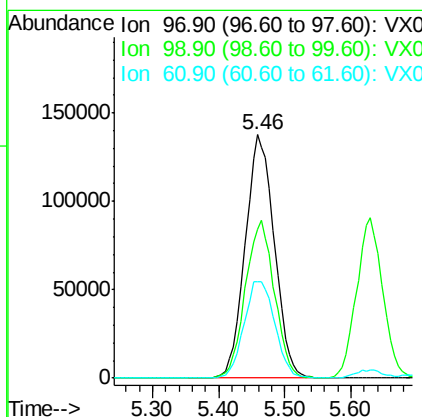
Manual Integrations
APPROVED

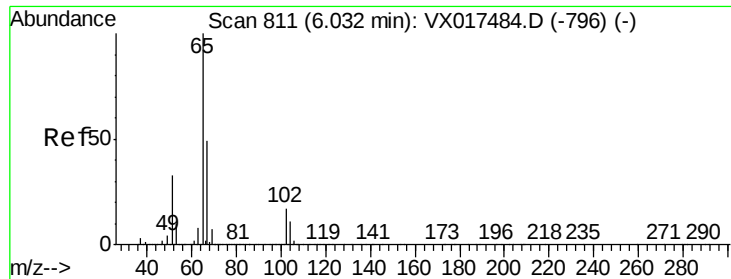
MMDadoda
8/7/2020 4:32:37 PM



#32
1,1,1-Trichloroethane
Concen: 50.636 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	41.9	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 54.243 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 303707

Ion Ratio Lower Upper

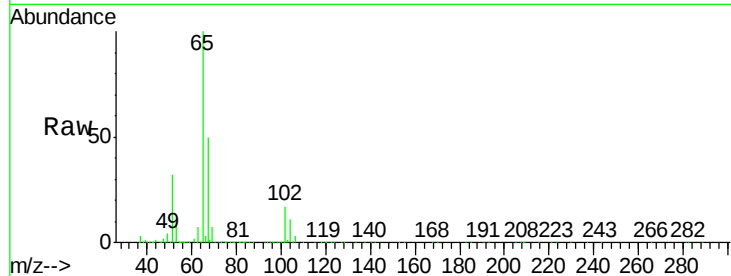
65 100

67 50.4 0.0 102.8

Manual Integrations
APPROVED

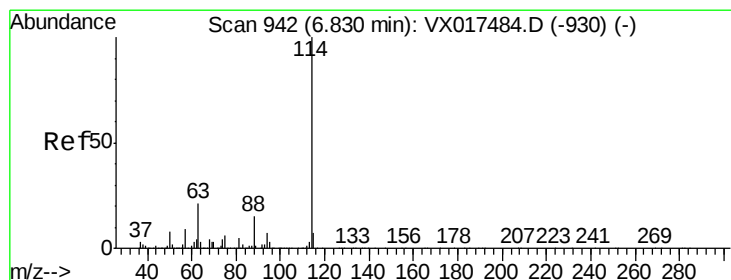
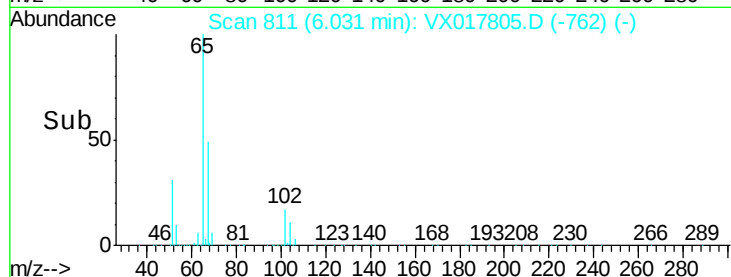
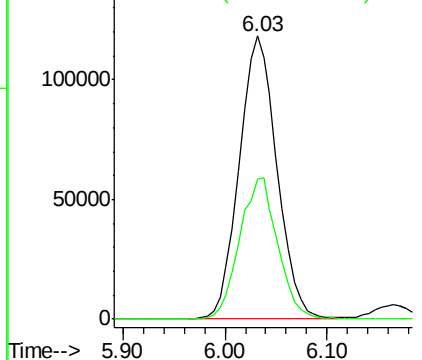
MMDadoda

8/7/2020 4:32:37 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

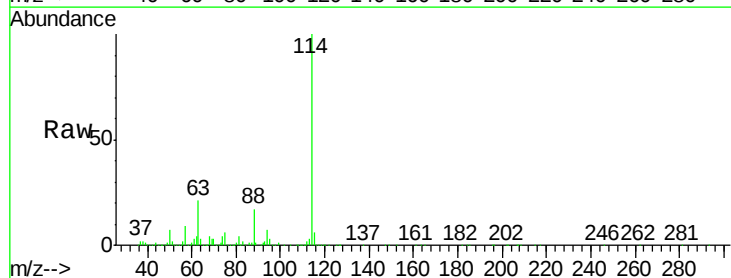
Tgt Ion: 114 Resp: 667337

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

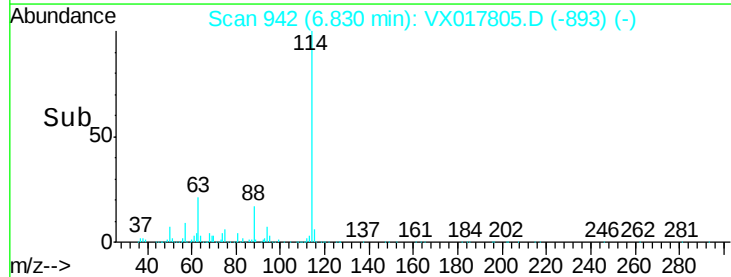
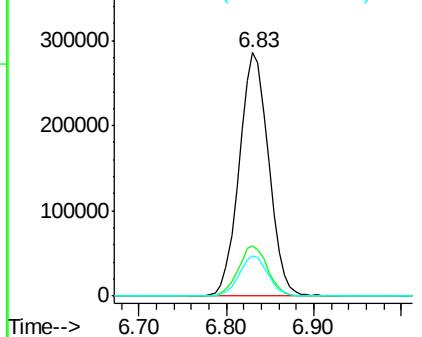
88 16.7 0.0 33.4

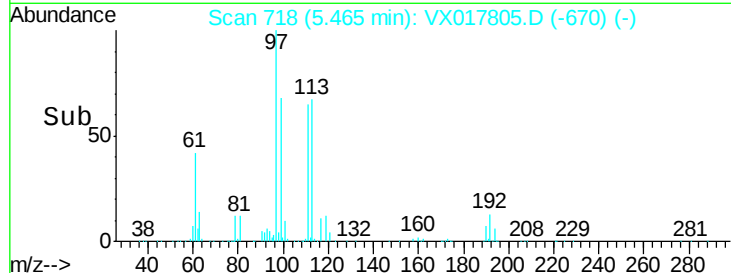
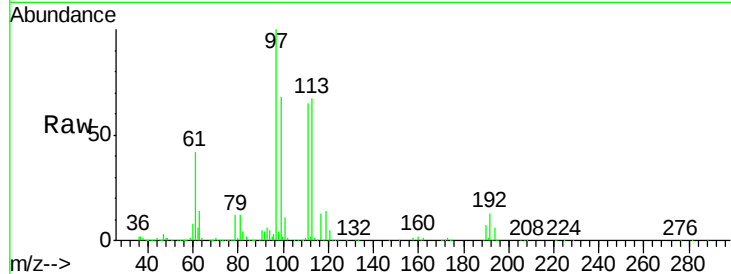
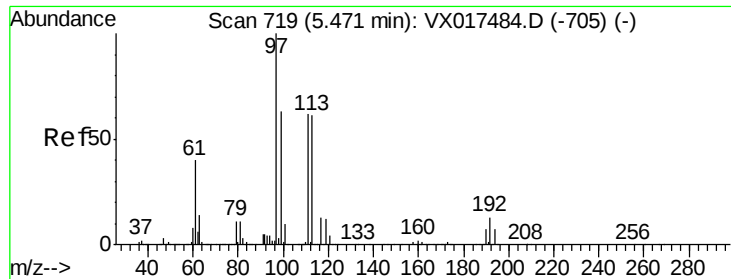


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





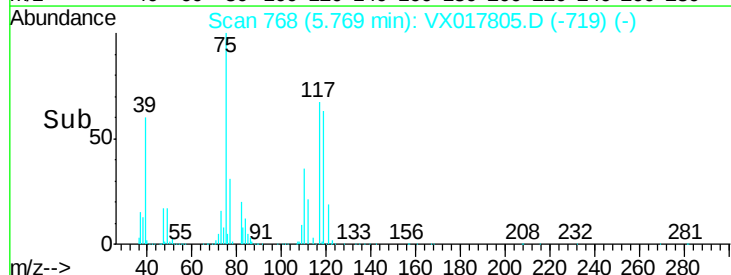
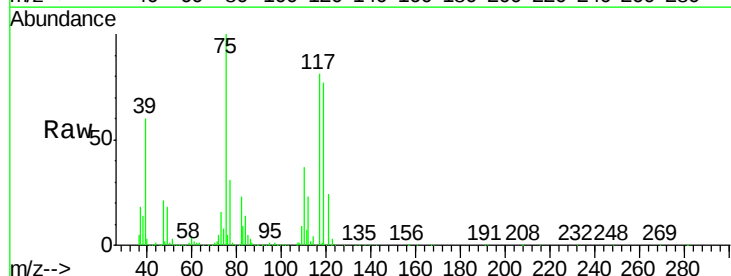
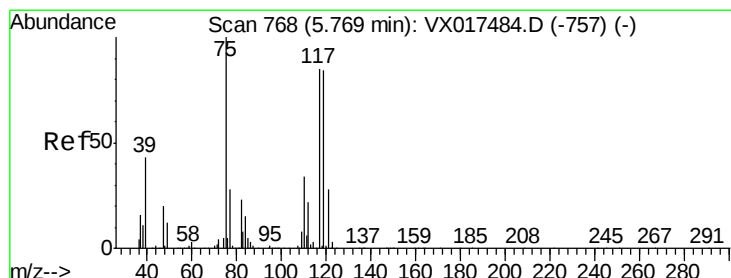
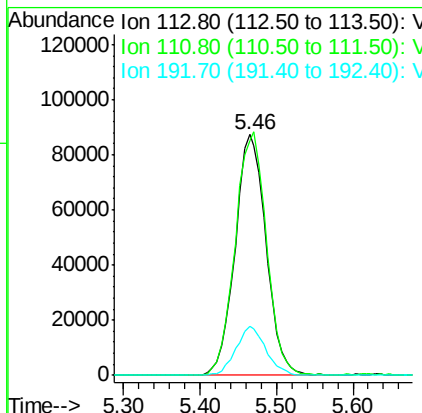
#35
Dibromofluoromethane
Concen: 54.851 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tot Ion	Ratio	Resp	Lower	Upper
113	100	244810		
111	102.3	80.7	121.1	
192	19.8	16.9	25.3	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

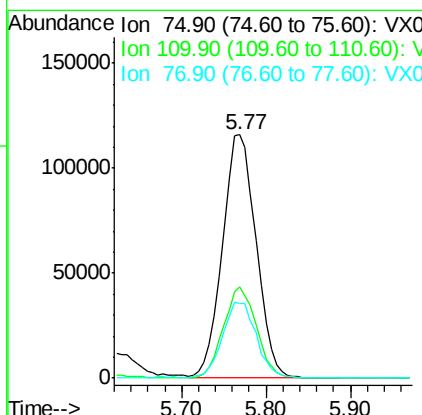
Manual Integrations
APPROVED

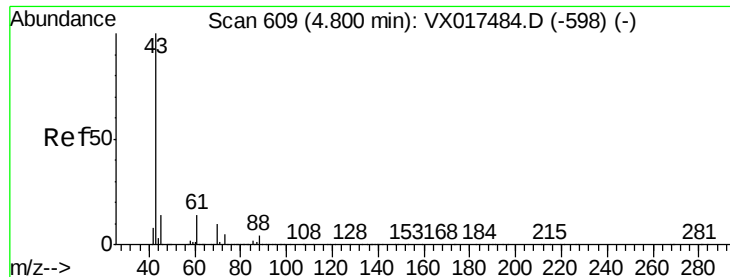
MMDadoda
8/7/2020 4:32:37 PM



#36
1,1-Dichloropropene
Concen: 49.313 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	315617		
110	36.7	18.1	54.3	
77	31.5	24.6	37.0	





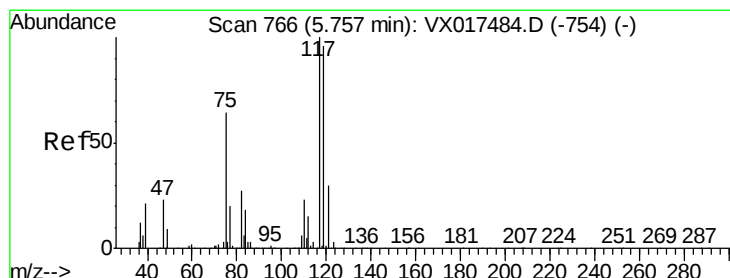
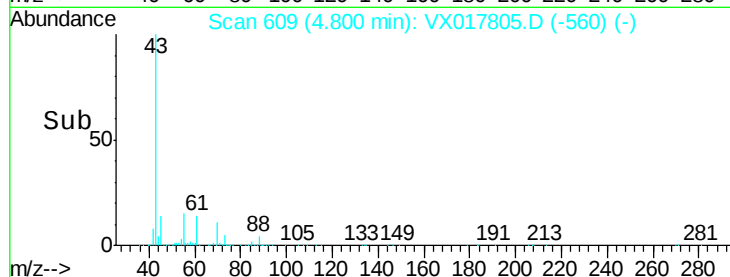
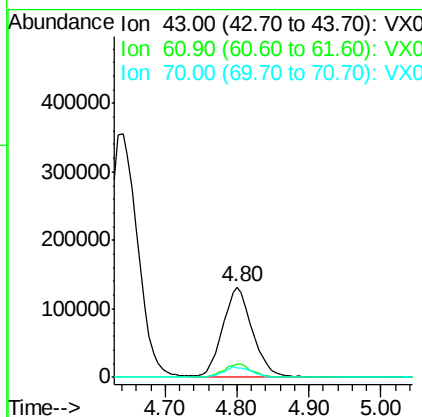
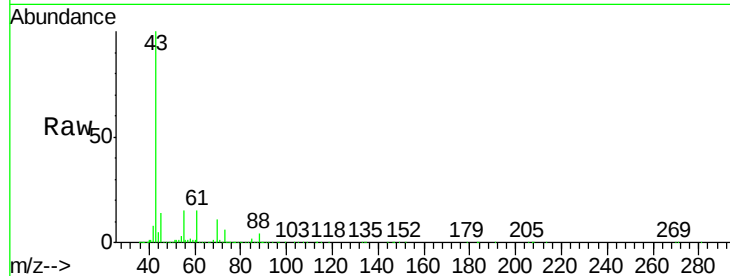
#37
Ethyl Acetate
Concen: 53.718 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.9	8.5	12.7

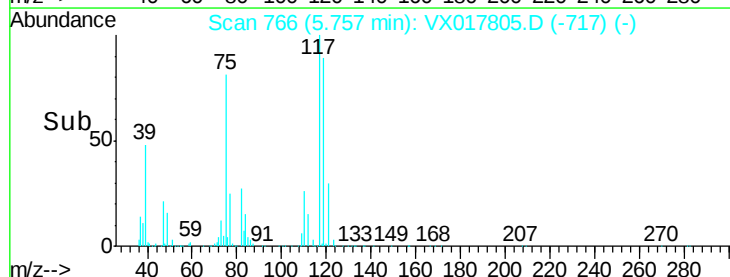
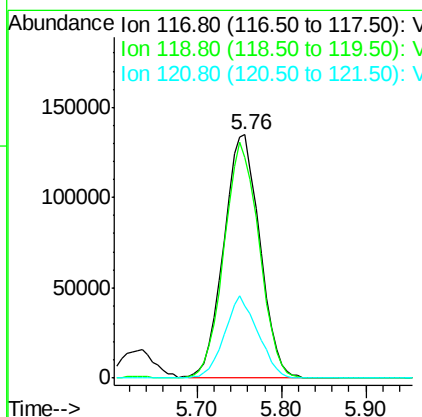
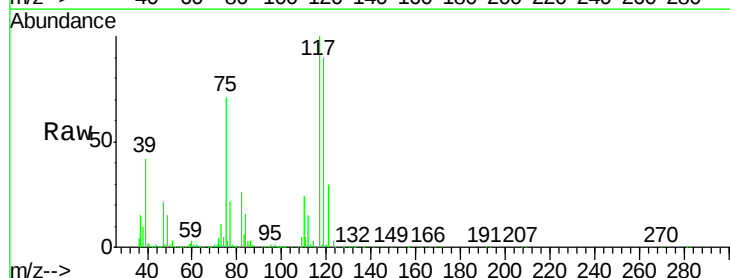
Manual Integrations
APPROVED

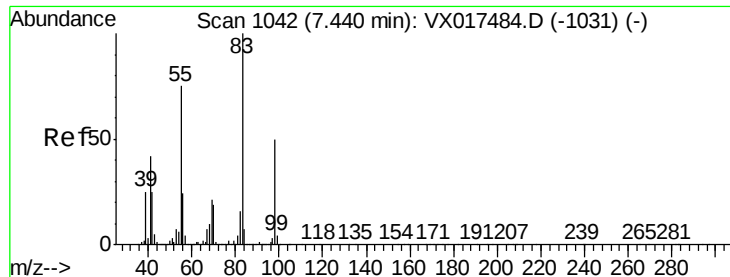
MMDadoda
8/7/2020 4:32:37 PM



#38
Carbon Tetrachloride
Concen: 50.485 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.4	113.0
121	29.5	24.3	36.5





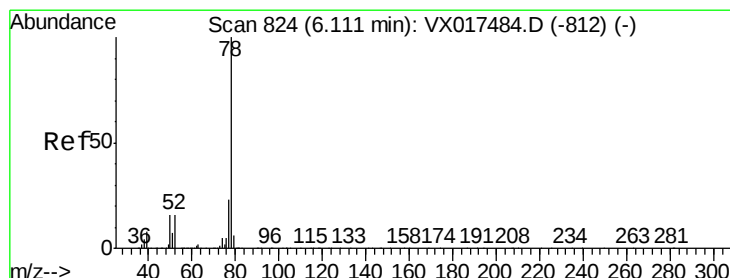
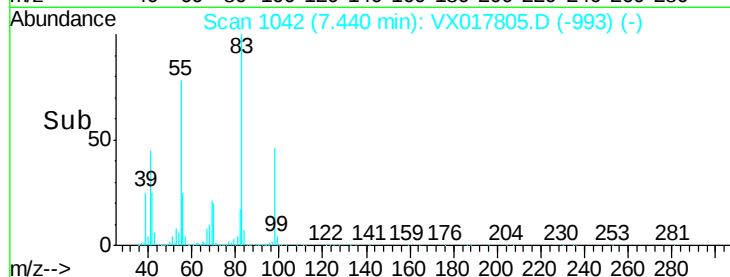
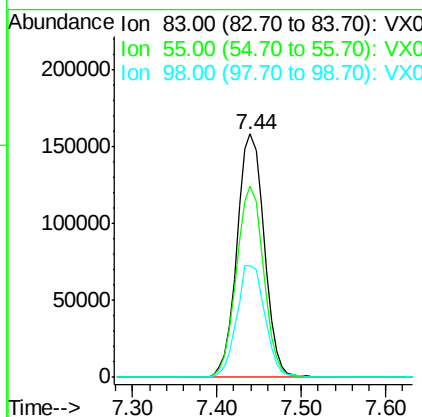
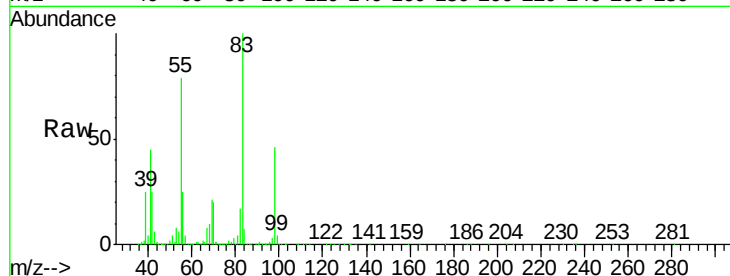
#39
Methylvlcyclohexane
Concen: 46.109 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.8	92.8
98	45.6	36.9	55.3

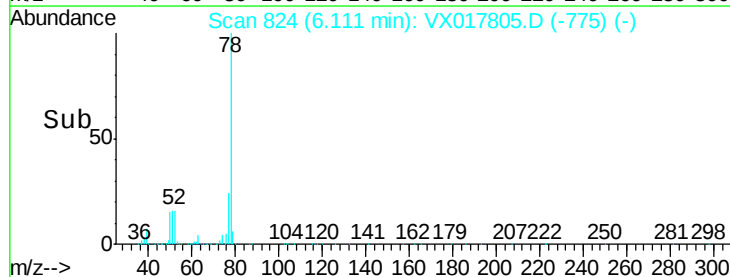
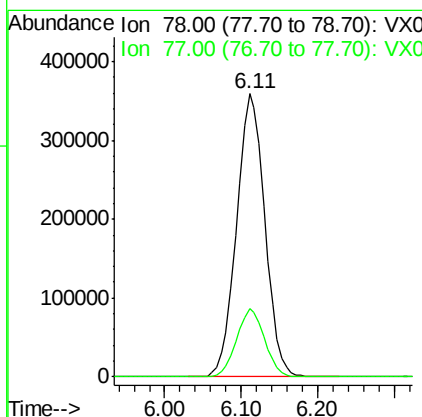
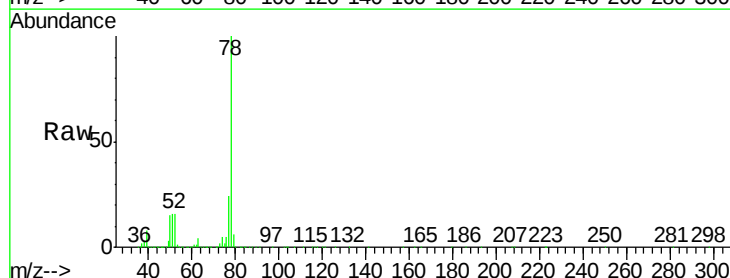
Manual Integrations
APPROVED

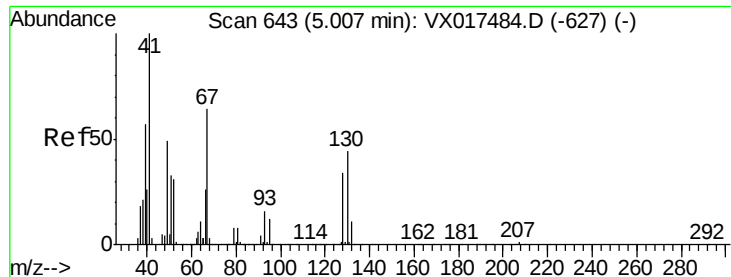
MMDadoda
8/7/2020 4:32:37 PM



#40
Benzene
Concen: 50.085 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2





#41

Methacrylonitrile

Concen: 52.267 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 41 Resp: 209802

Ion Ratio Lower Upper

41 100

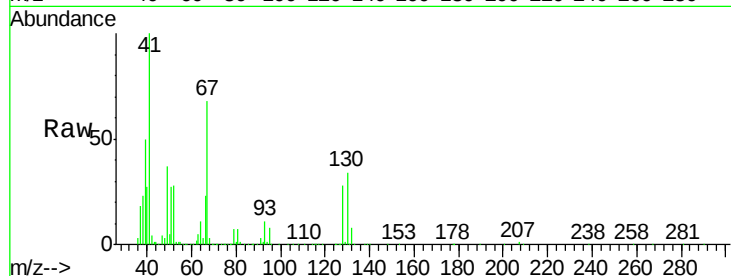
39 54.4 43.9 65.9

67 71.5 54.0 81.0

52 30.2 23.0 34.6

Manual Integrations
APPROVED

MMDadoda
8/7/2020 4:32:37 PM

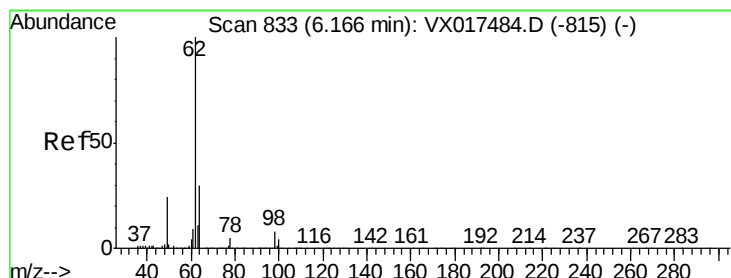
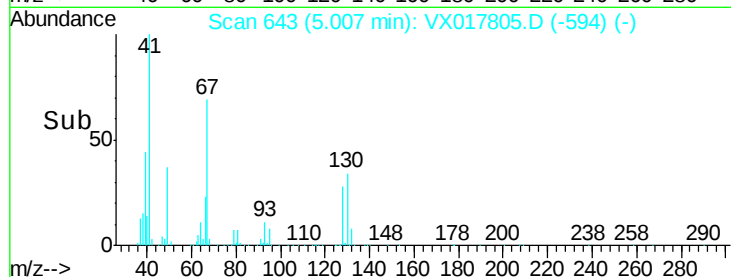
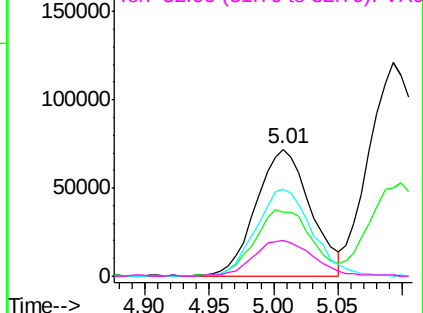


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.906 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017805.D

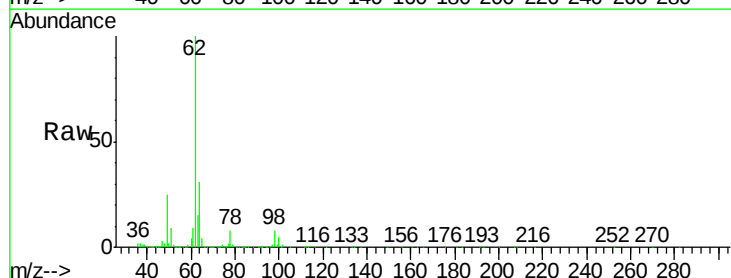
Acq: 06 Aug 2020 13:55

Tgt Ion: 62 Resp: 382148

Ion Ratio Lower Upper

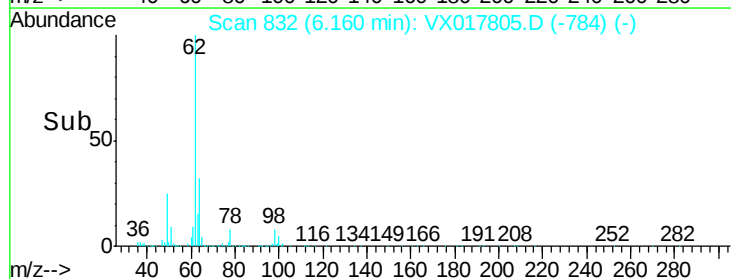
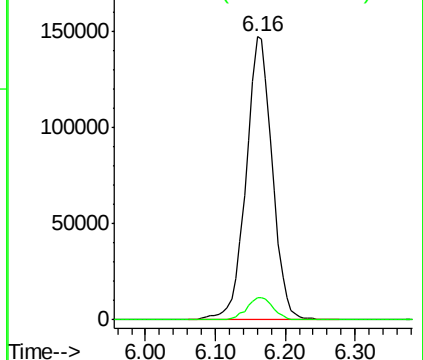
62 100

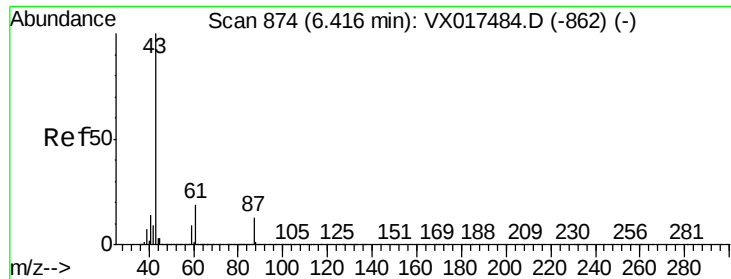
98 8.1 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.334 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

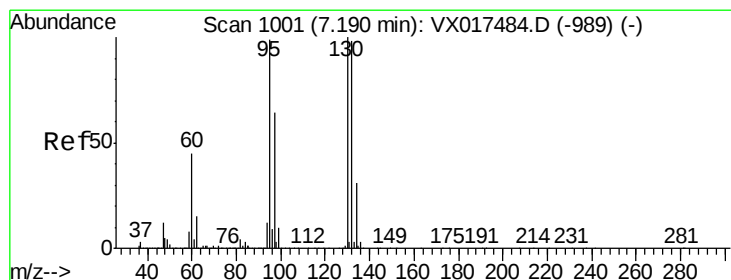
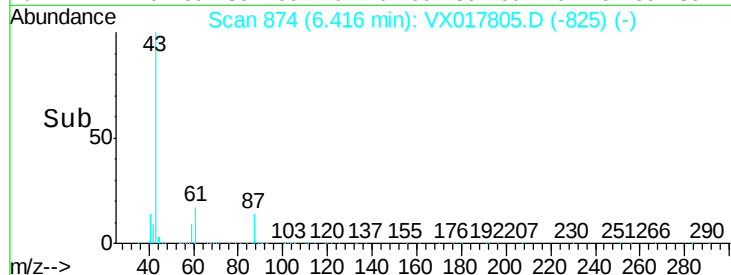
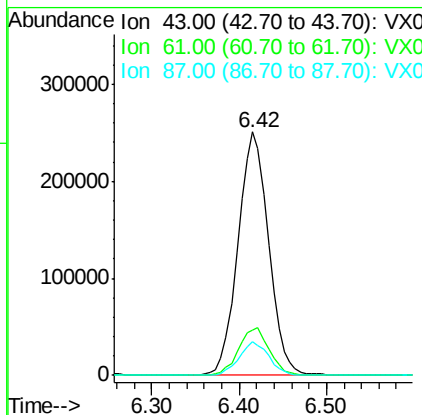
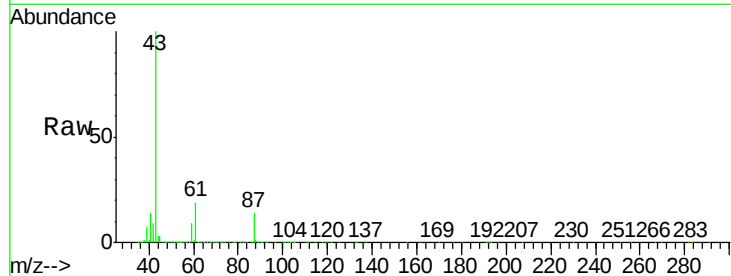
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	604688
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.5	23.3
87	13.5	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 51.157 ug/l

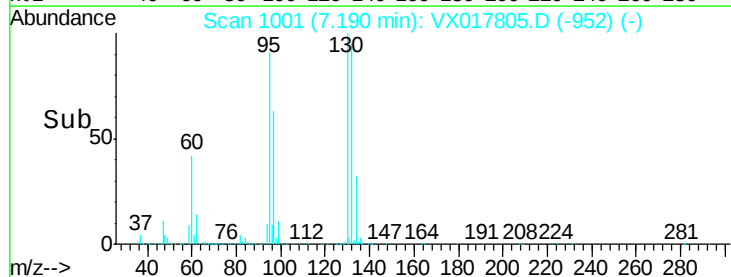
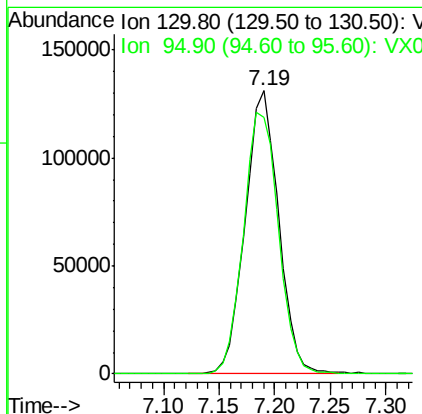
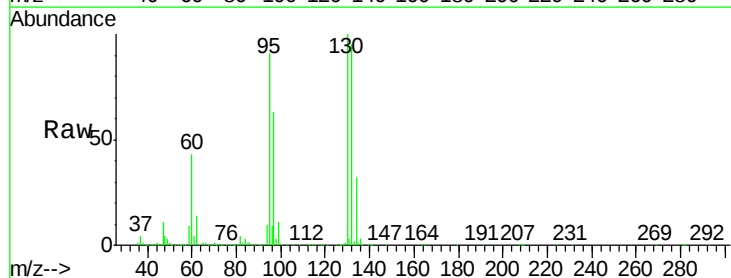
RT: 7.19 min Scan# 1001

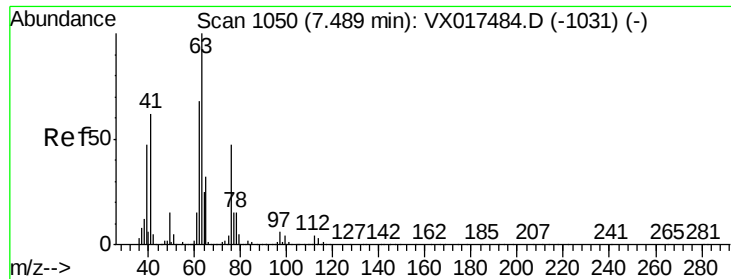
Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion:	130	Resp:	274330
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	189.0





#45

1,2-Dichloropropane

Concen: 49.318 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 250868

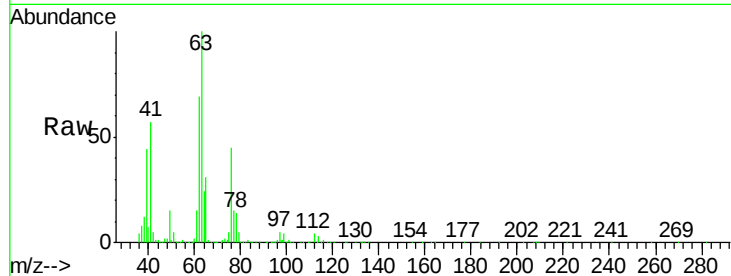
Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7

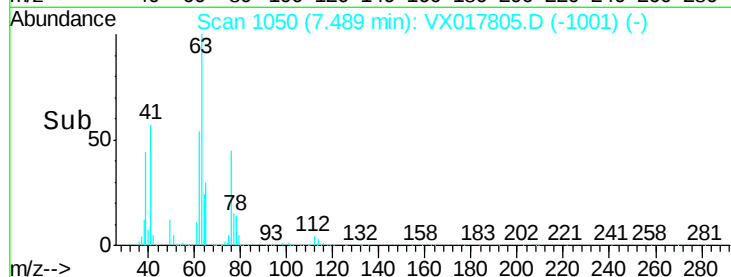
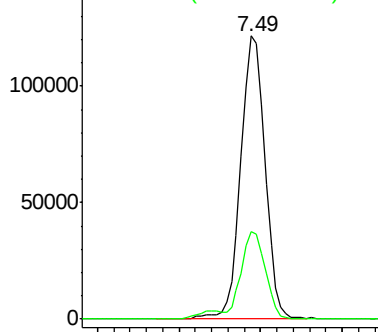
Manual Integrations
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8/7/2020 4:32:37 PM

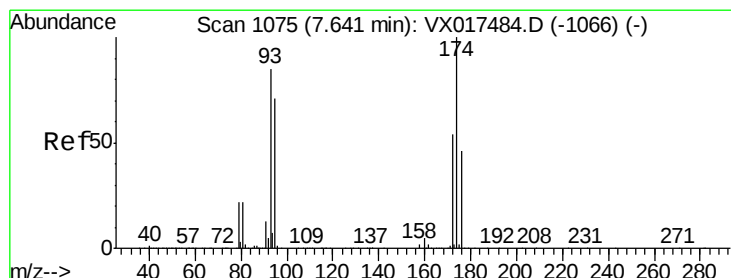


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 49.235 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

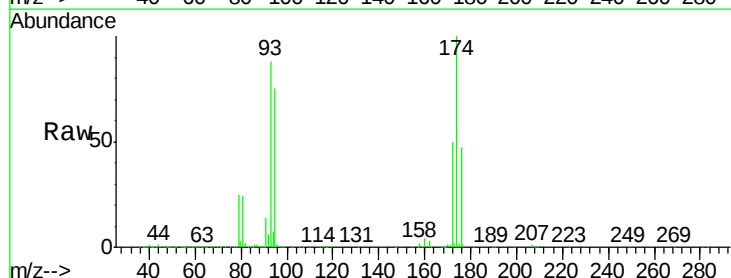
Tgt Ion: 93 Resp: 176993

Ion Ratio Lower Upper

93 100

95 85.1 66.6 99.8

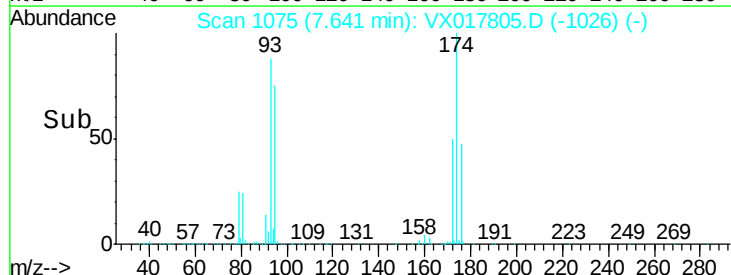
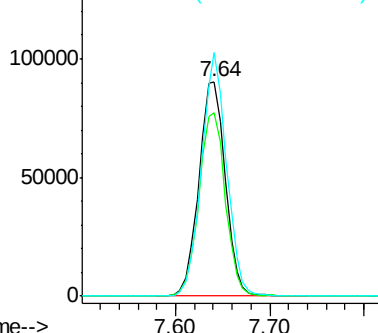
174 107.1 87.0 130.6

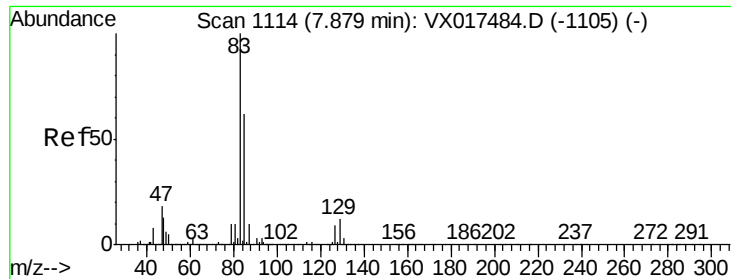


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.672 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

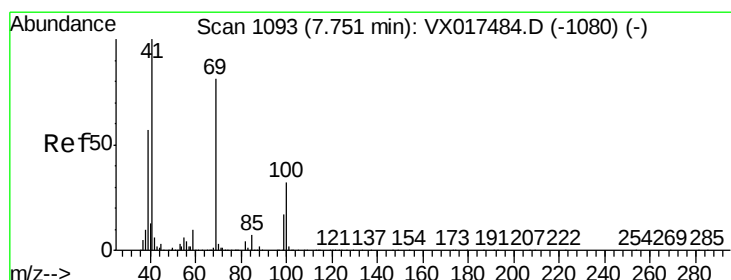
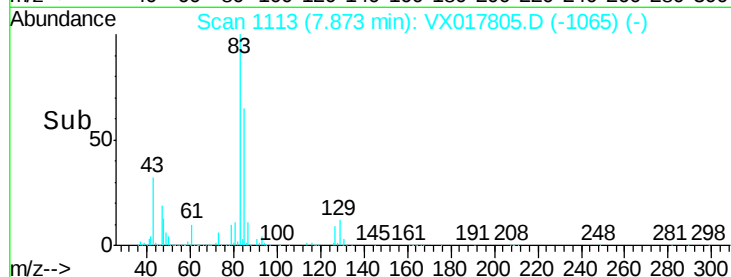
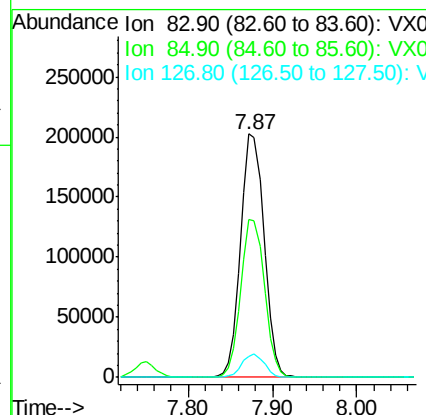
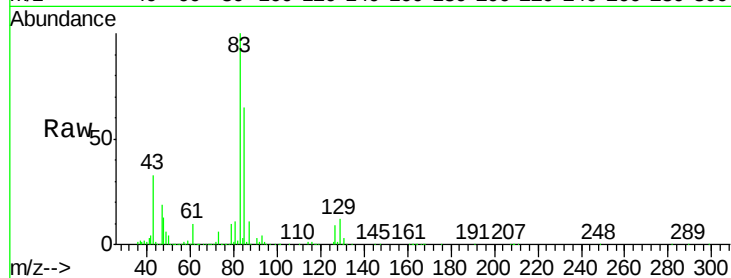
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	380995
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.8	77.8
127	8.6	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.444 ug/l

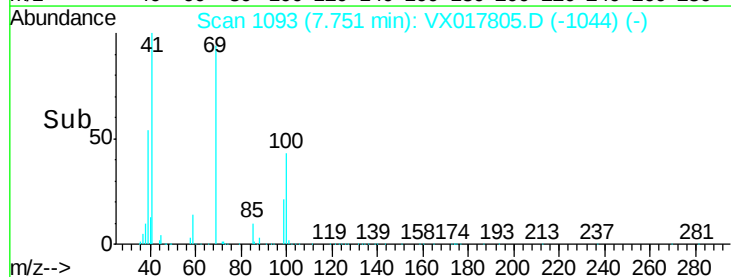
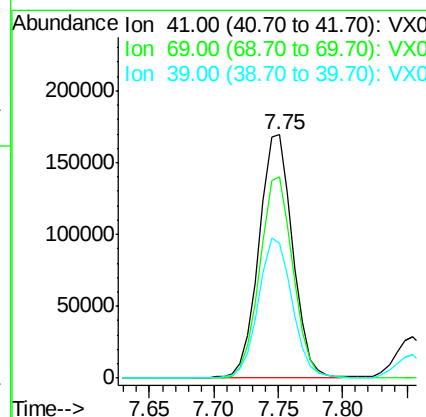
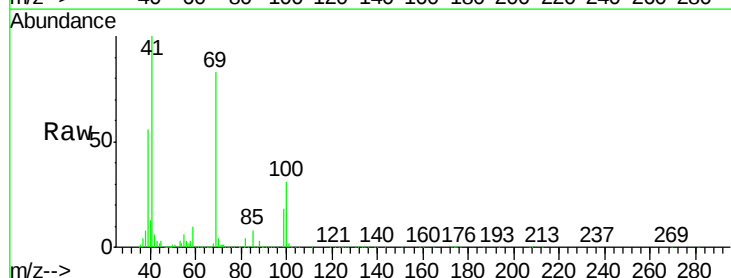
RT: 7.75 min Scan# 1093

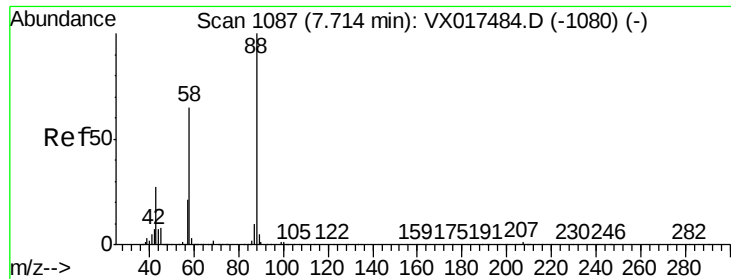
Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion	41	Resp	306100
Ion Ratio	Lower	Upper	
41	100		
69	81.6	63.1	94.7
39	57.4	45.1	67.7





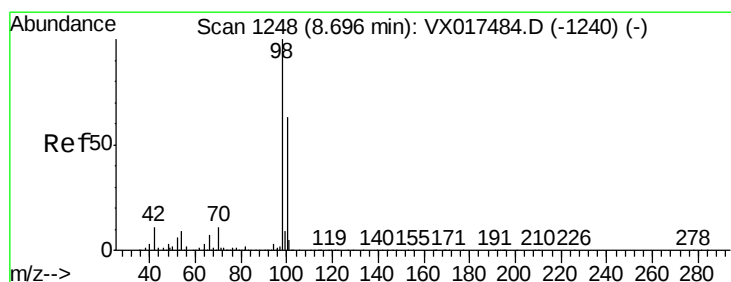
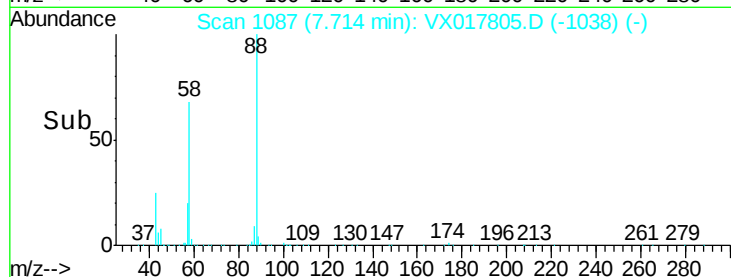
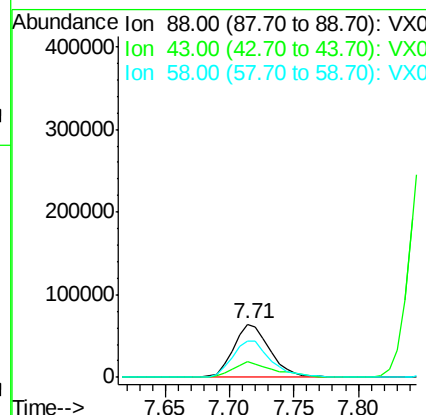
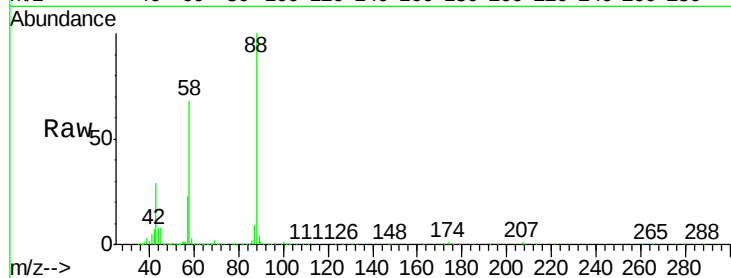
#49
1,4-Dioxane
Concen: 1149.003 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.8	41.6
58	73.1	58.3	87.5

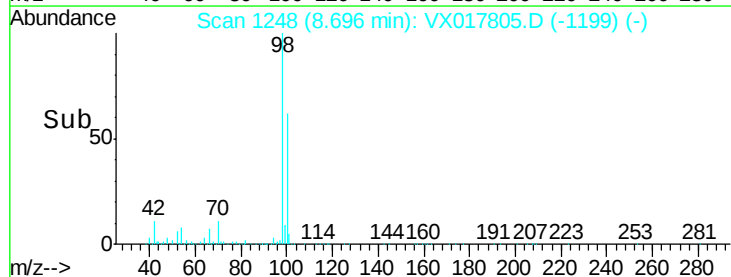
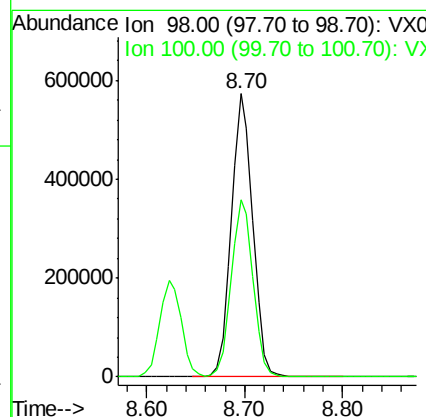
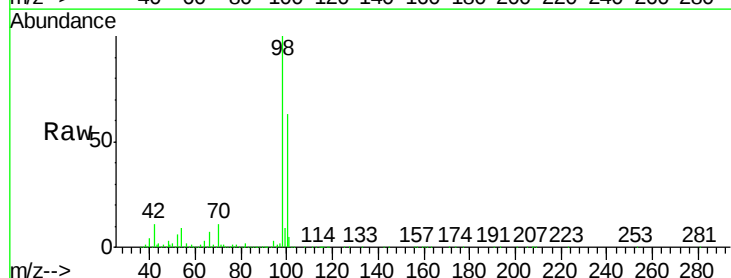
Manual Integrations
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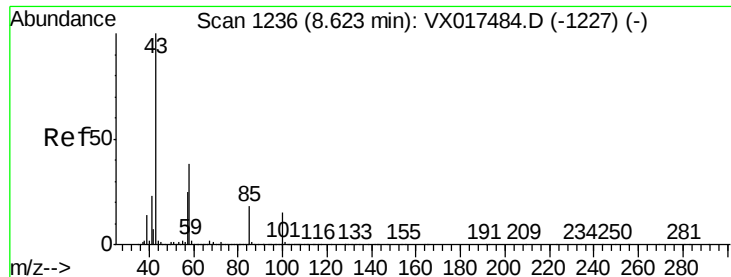
MMDadoda
8/7/2020 4:32:37 PM



#50
Toluene-d8
Concen: 53.765 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 290.418 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2002184

Ion Ratio Lower Upper

43 100

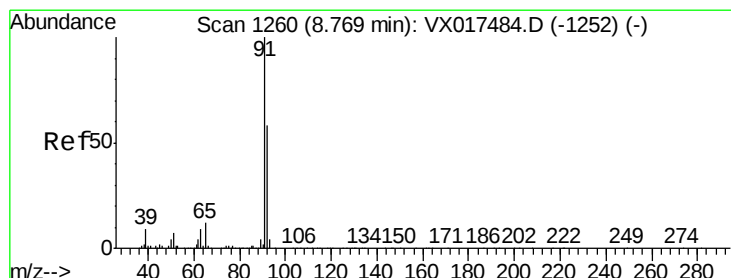
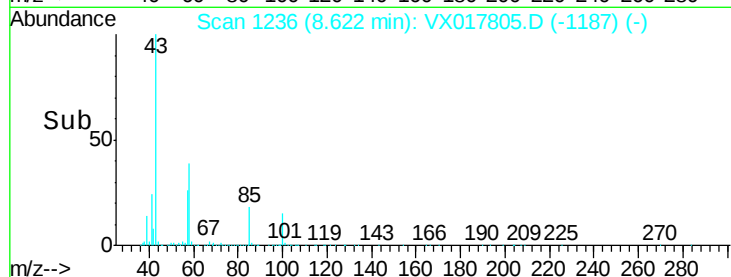
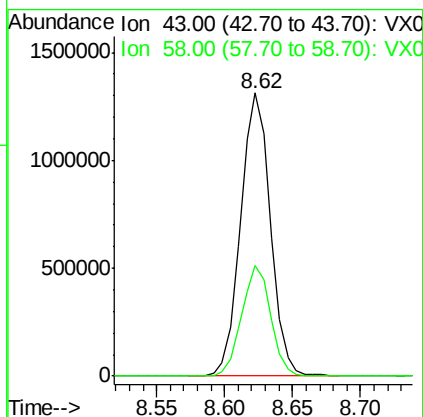
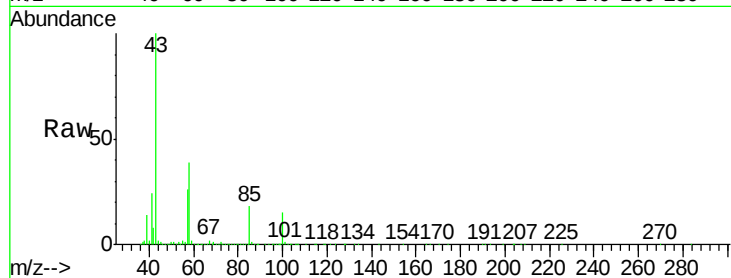
58 38.5 31.0 46.4

Manual Integrations

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#52

Toluene

Concen: 51.154 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017805.D

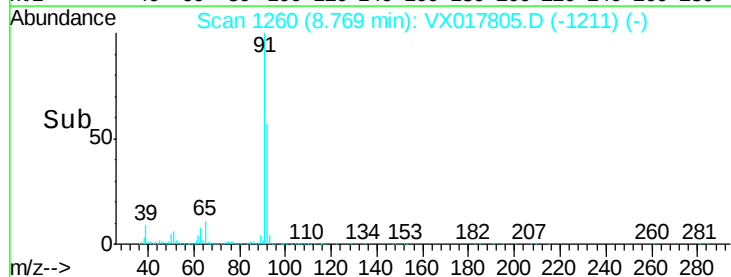
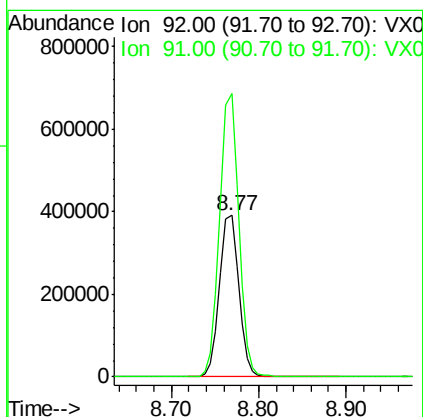
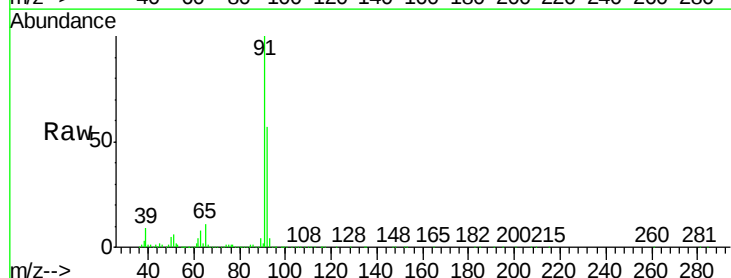
Acq: 06 Aug 2020 13:55

Tgt Ion: 92 Resp: 601970

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4





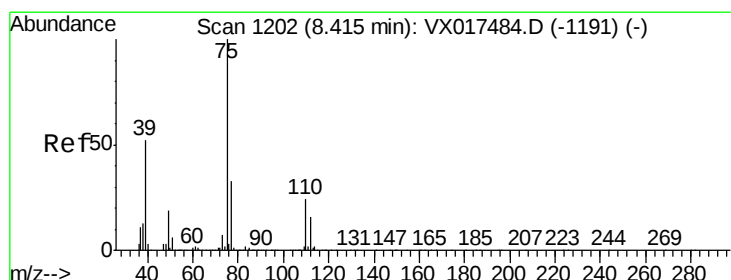
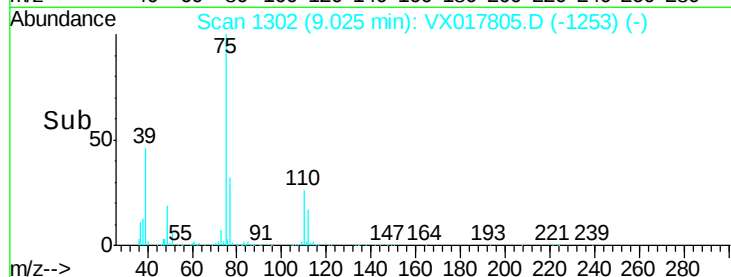
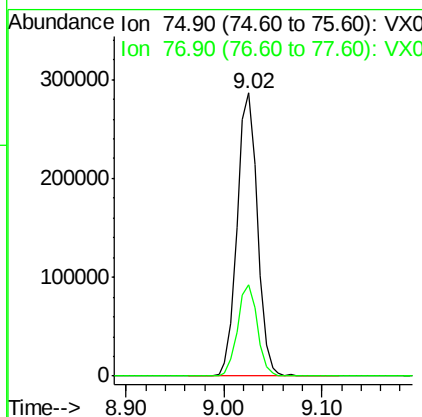
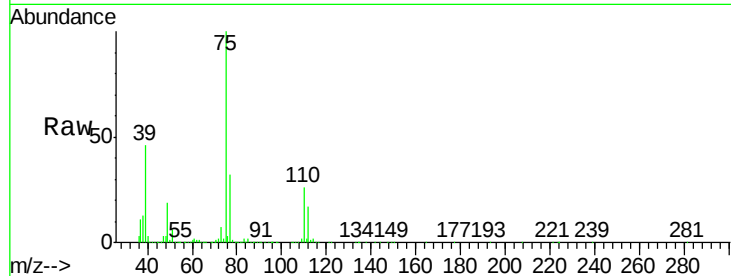
#53
t-1,3-Dichloropropene
Concen: 50.980 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 412791
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3

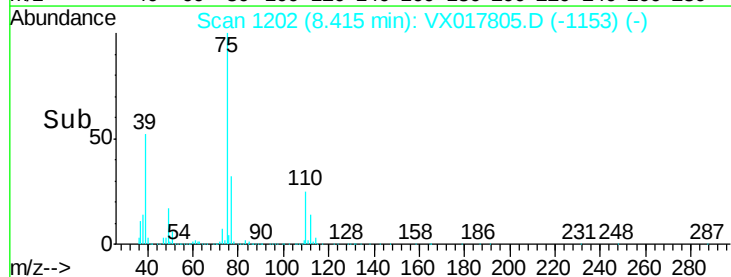
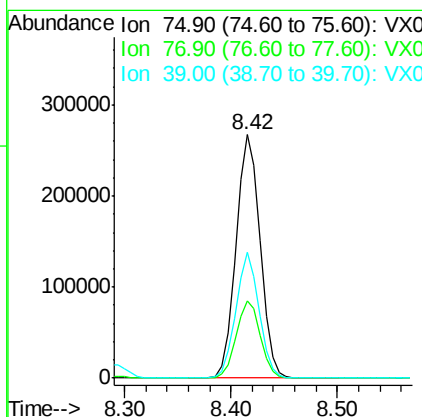
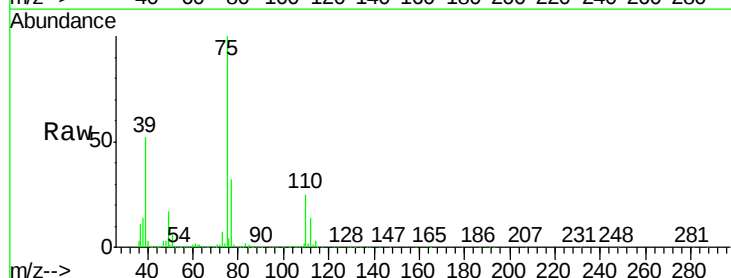
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 51.618 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion: 75 Resp: 426316
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 51.6 41.8 62.8





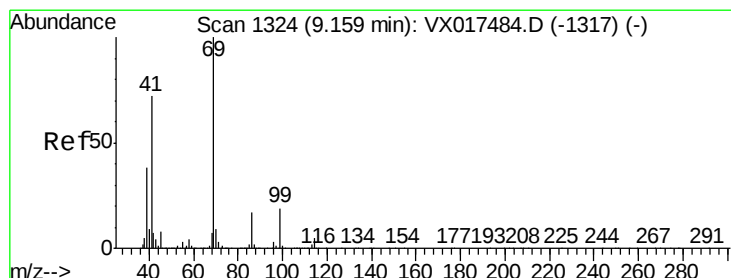
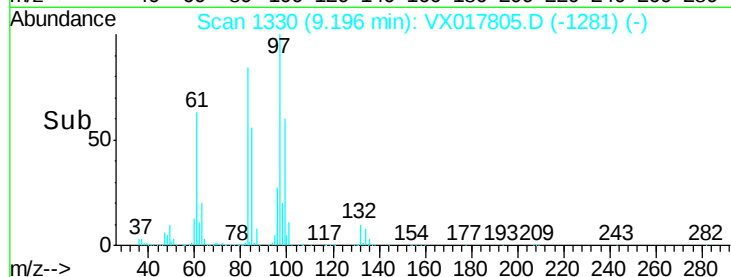
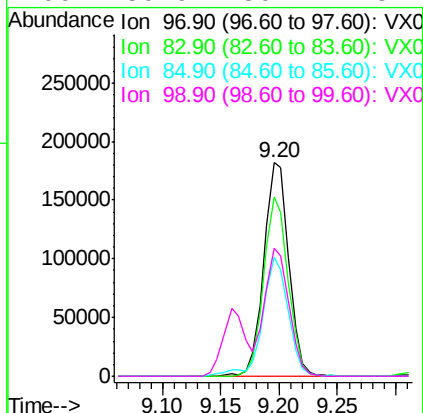
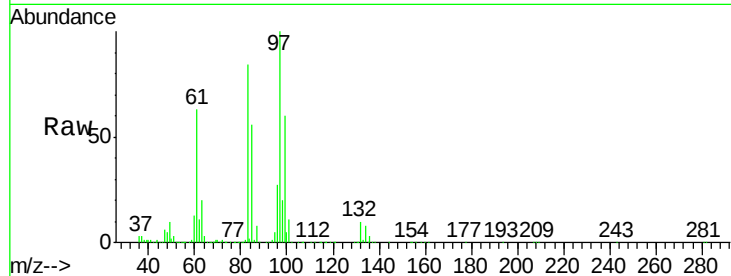
#55
 1,1,2-Trichloroethane
 Concen: 54.863 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017805.D
 Acq: 06 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.6	101.4
85	55.7	44.6	67.0
99	59.9	50.2	75.4

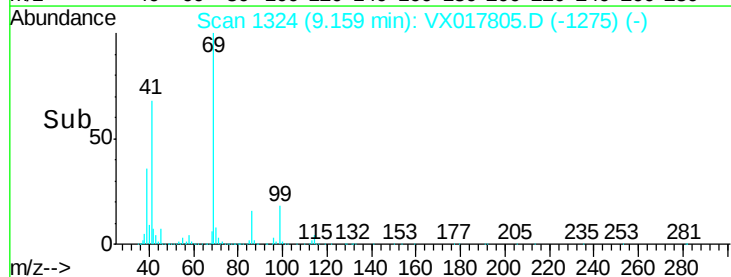
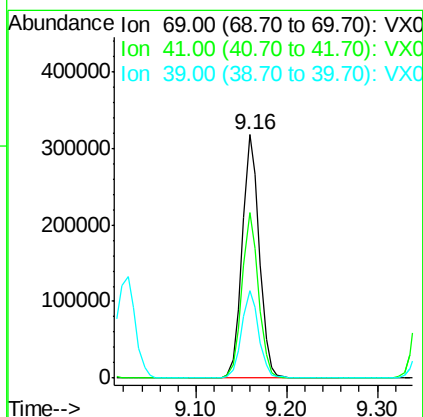
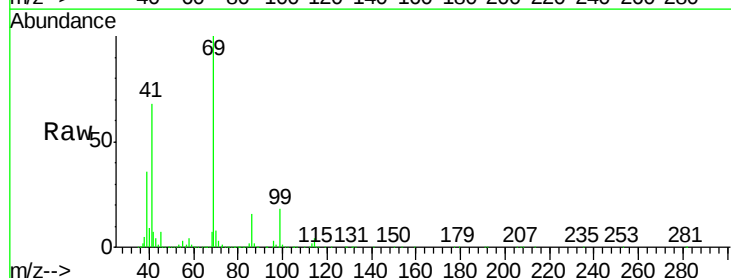
Manual Integrations
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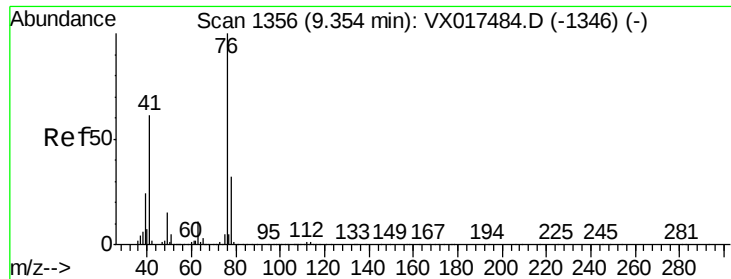
MMDadoda
 8/7/2020 4:32:37 PM



#56
 Ethyl methacrylate
 Concen: 55.979 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017805.D
 Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	55.0	82.6
39	36.1	30.0	45.0





#57

1,3-Dichloropropane

Concen: 52.951 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 427424

Ion Ratio Lower Upper

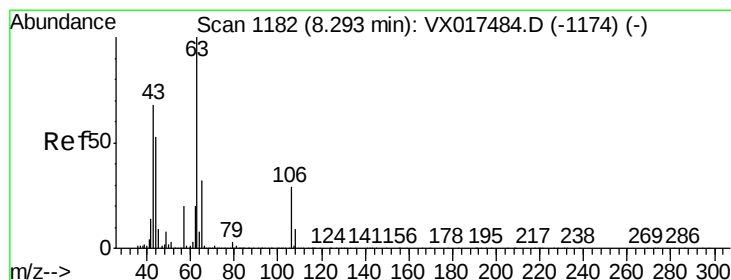
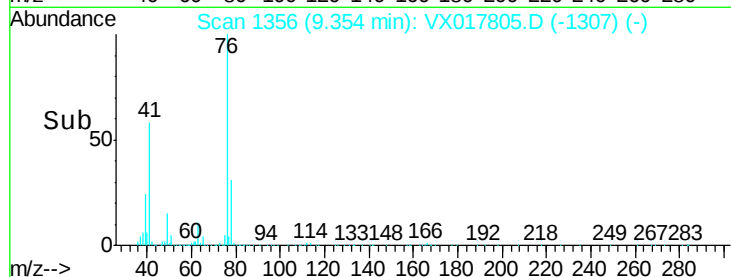
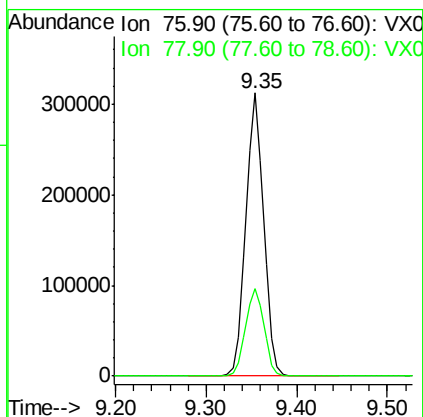
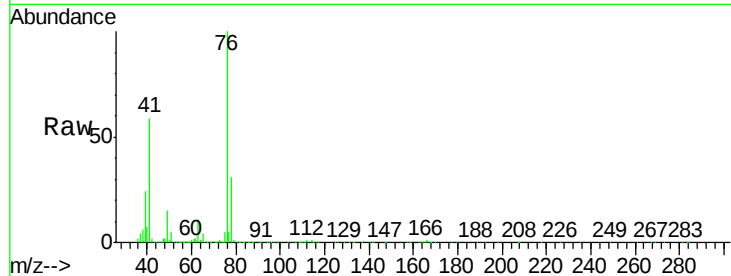
76 100

78 32.3 25.8 38.8

Manual Integrations
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MMDadoda

8/7/2020 4:32:37 PM



#58

2-Chloroethyl Vinyl ether

Concen: 258.052 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017805.D

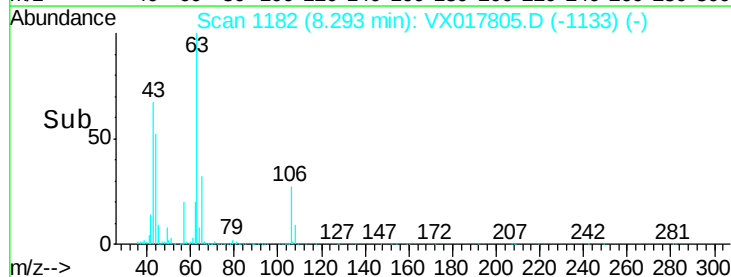
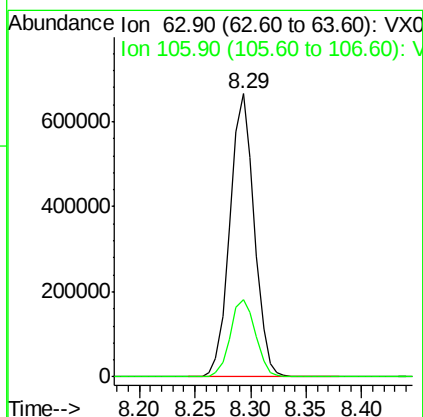
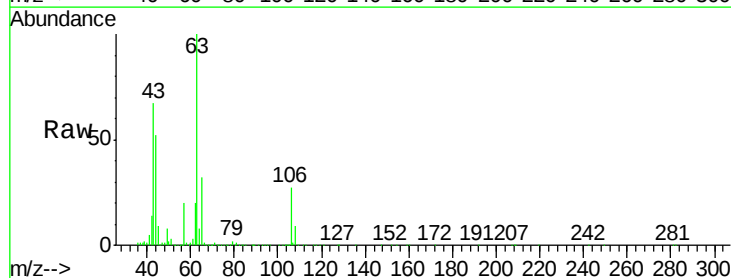
Acq: 06 Aug 2020 13:55

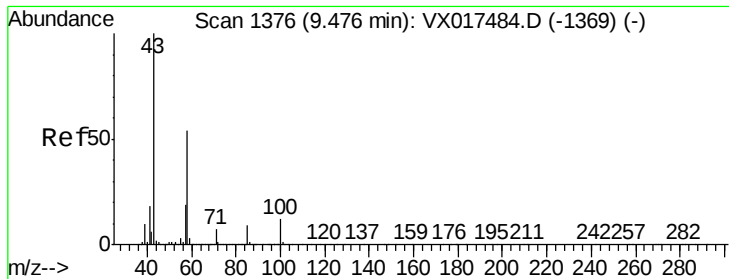
Tgt Ion: 63 Resp: 1004096

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0





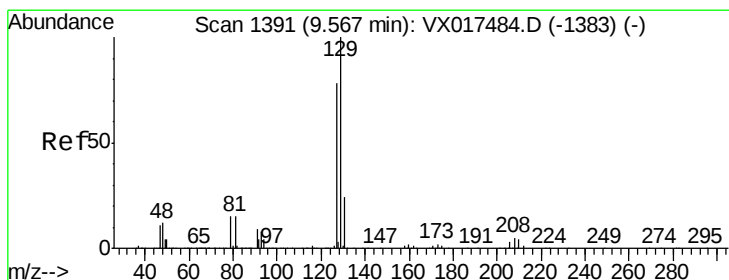
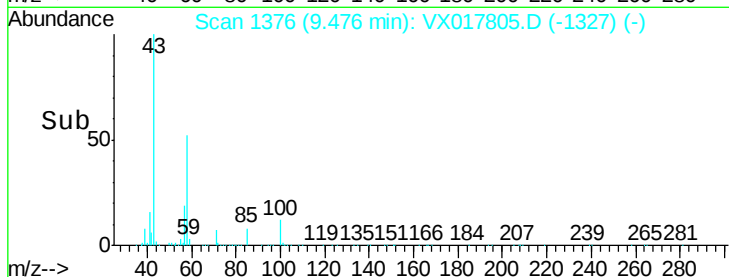
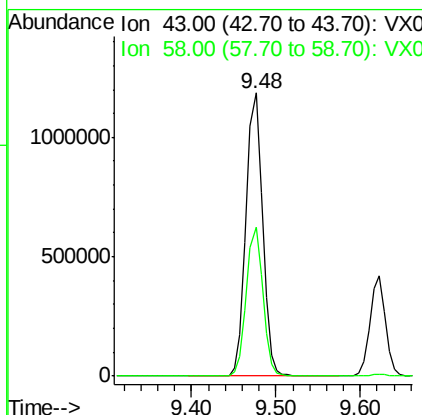
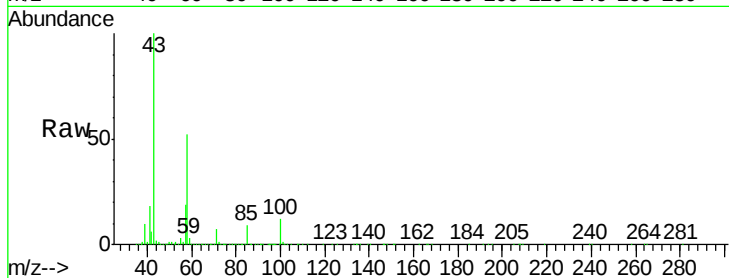
#59
2-Hexanone
Concen: 298.581 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1549787
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.8

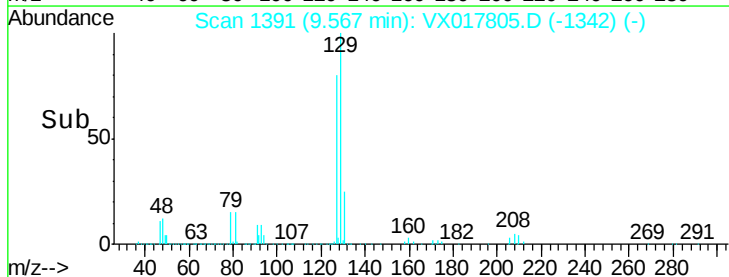
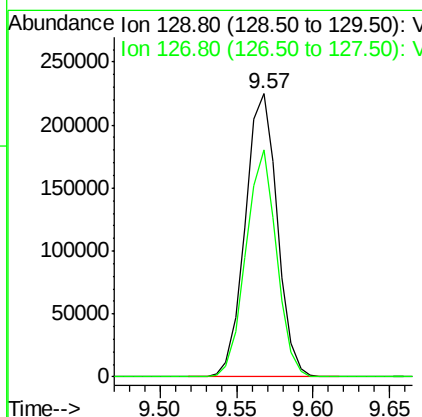
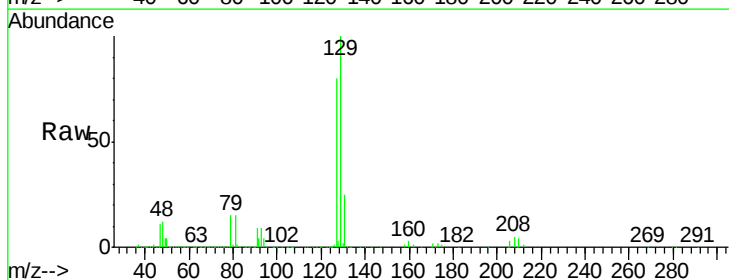
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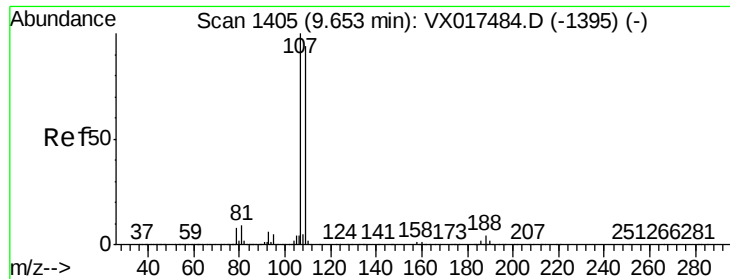
MMDadoda
8/7/2020 4:32:37 PM



#60
Dibromochloromethane
Concen: 52.443 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion: 129 Resp: 326762
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





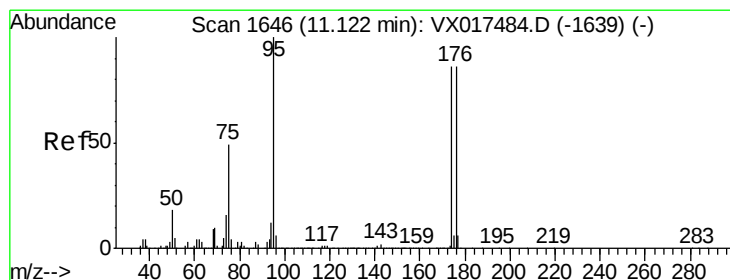
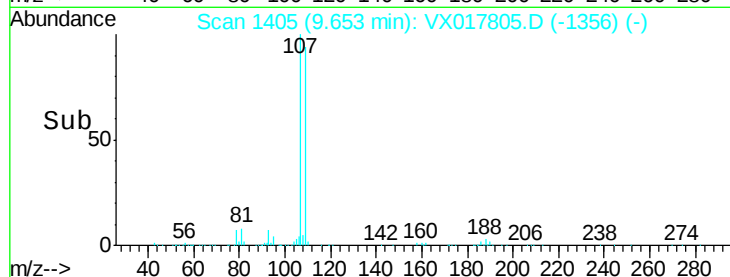
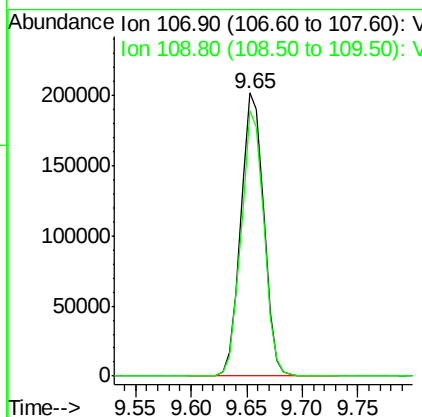
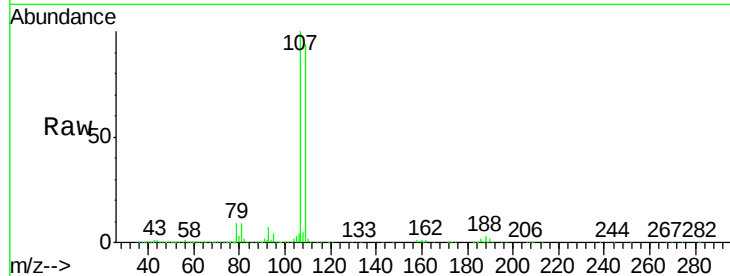
#61
 1,2-Dibromoethane
 Concen: 55.471 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017805.D
 Acq: 06 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	289514		
109	92.9	74.9	112.3	

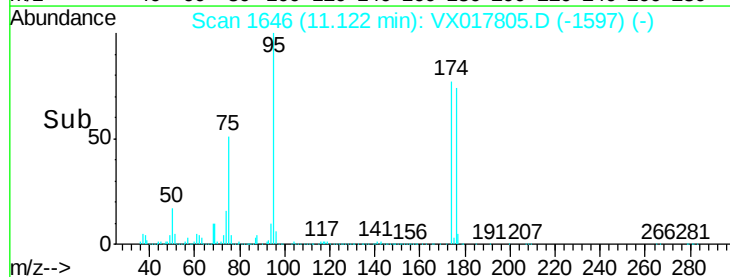
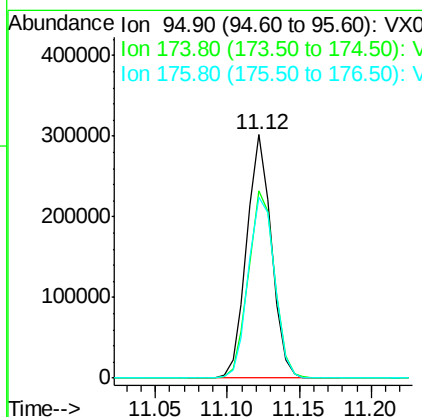
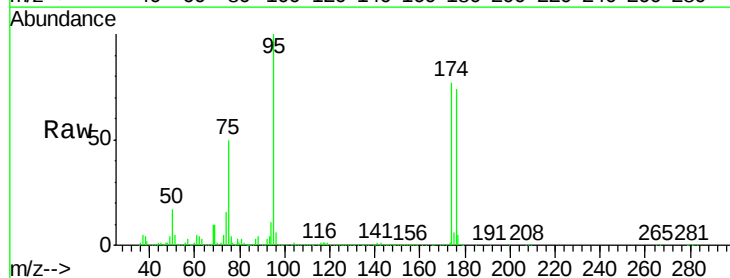
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 55.486 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017805.D
 Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	357528		
174	80.9	0.0	169.0	
176	79.5	0.0	161.0	





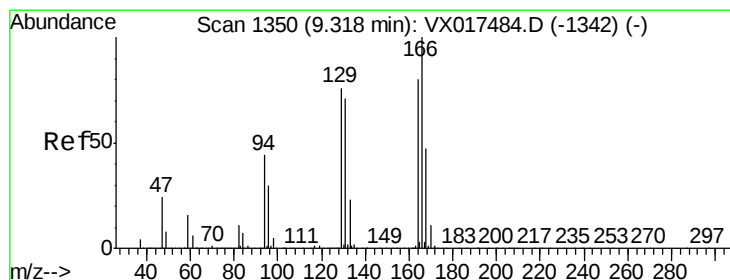
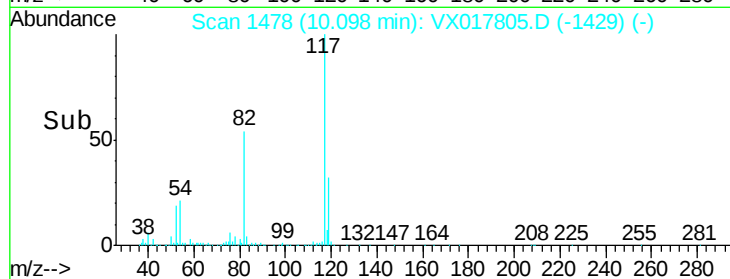
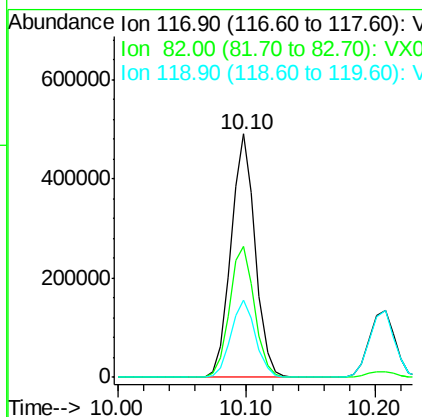
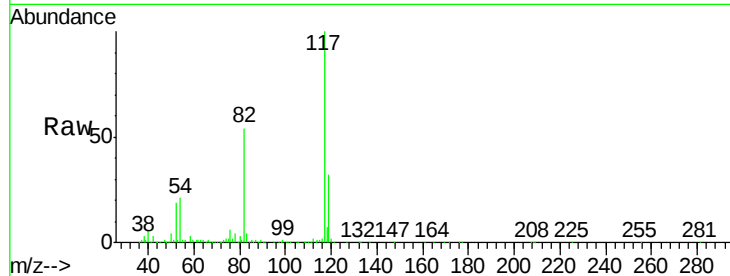
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	644765		
82	54.0	44.0	66.0	
119	31.8	25.4	38.0	

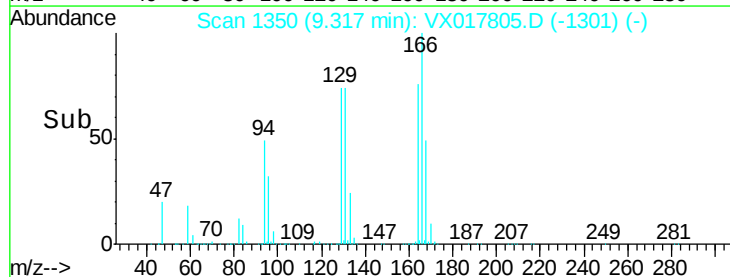
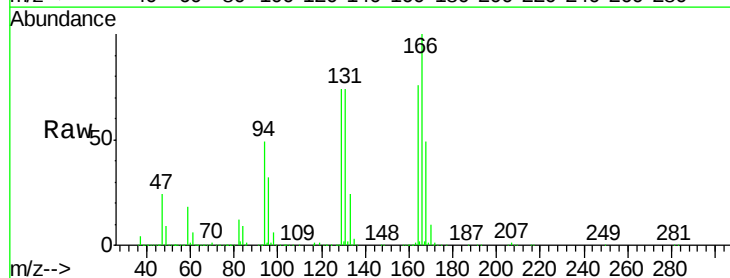
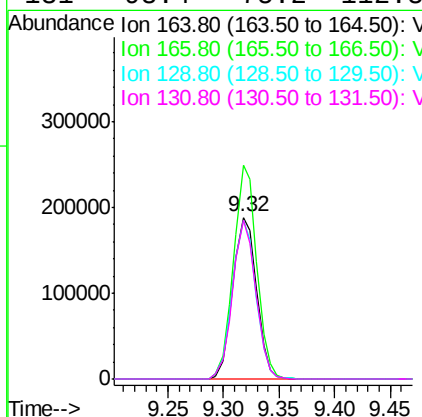
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 48.329 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	279675		
166	132.2	100.6	150.8	
129	98.4	75.0	112.6	
131	98.4	75.2	112.8	





#65

Chlorobenzene

Concen: 49.293 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 687938

Ion Ratio Lower Upper

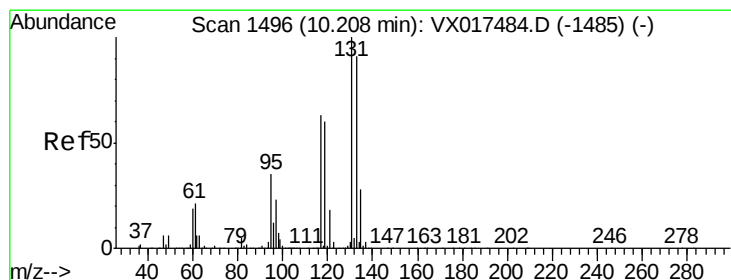
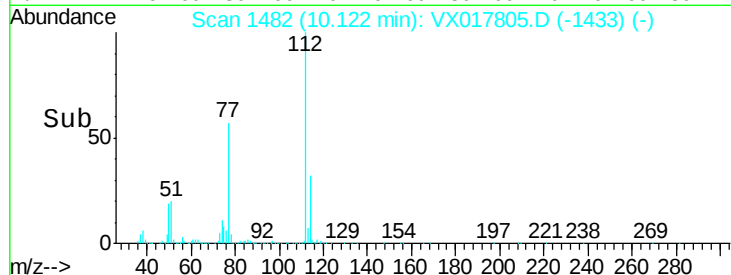
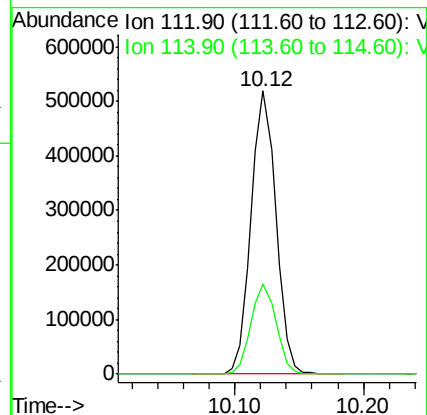
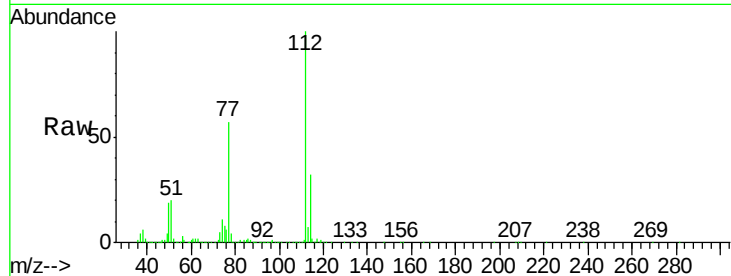
112 100

114 31.8 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 50.820 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

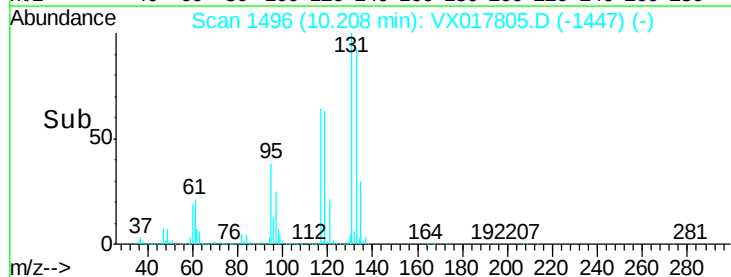
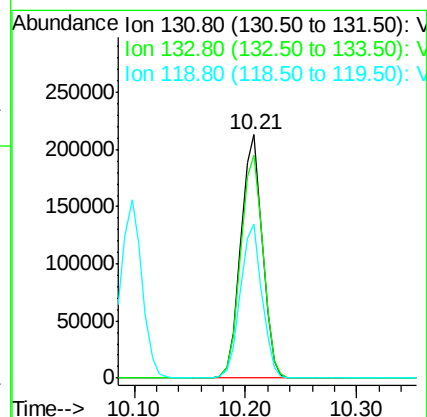
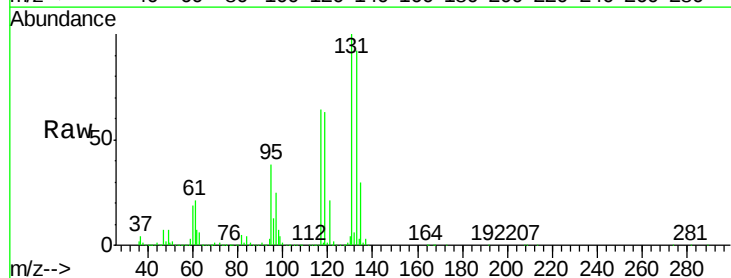
Tgt Ion:131 Resp: 286243

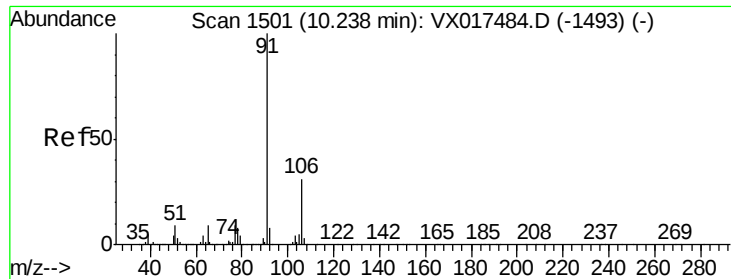
Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

119 63.2 31.1 93.3





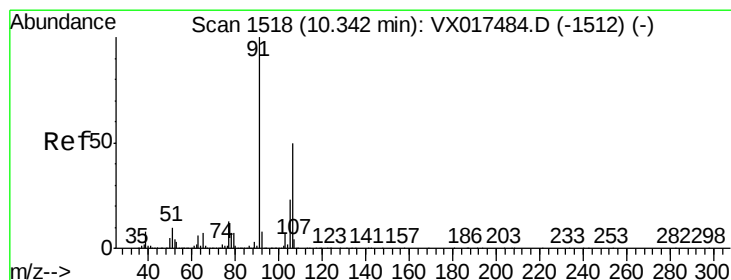
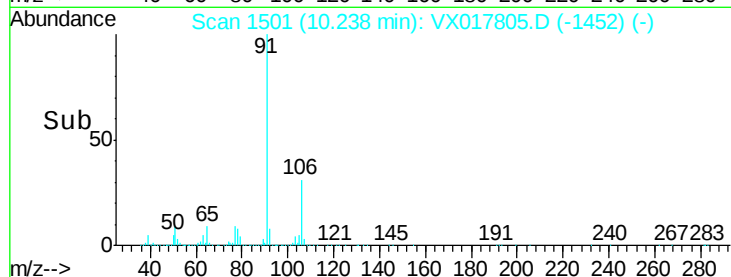
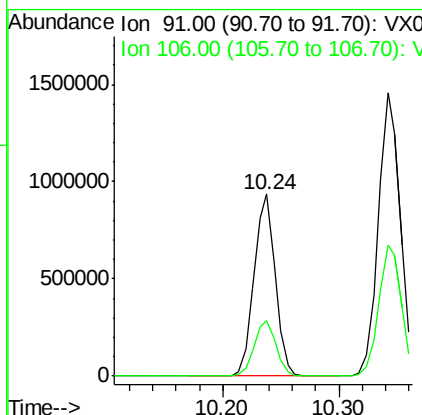
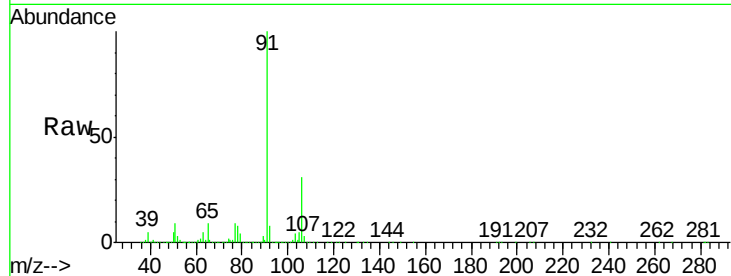
#67
Ethyl Benzene
Concen: 51.265 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1194291
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.6

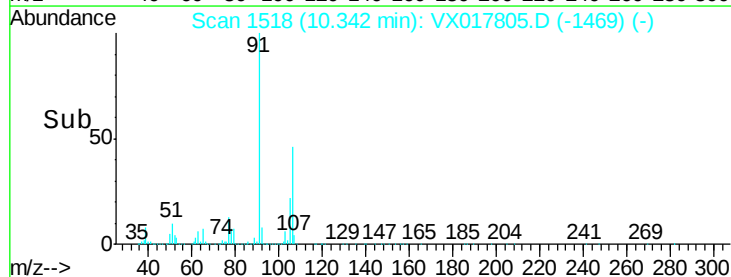
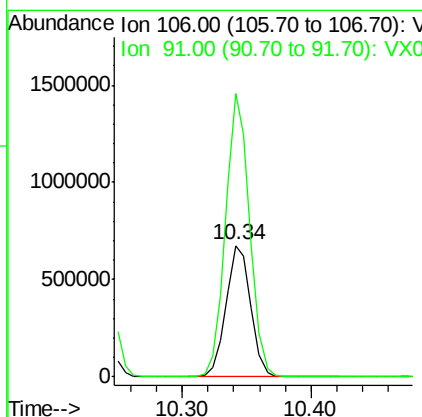
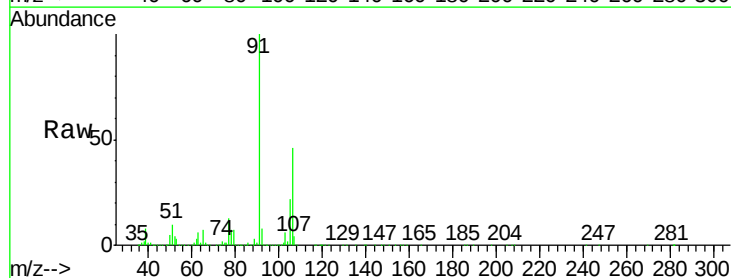
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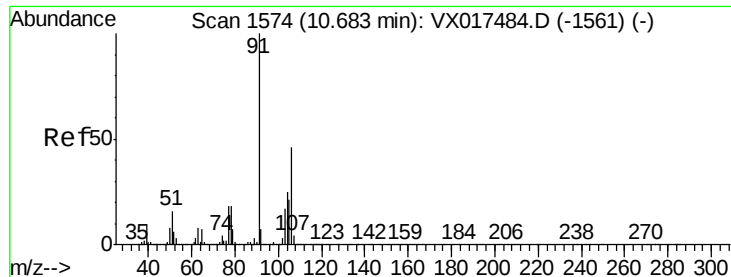
MMDadoda
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#68
m/p-Xylenes
Concen: 100.846 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion: 106 Resp: 910135
Ion Ratio Lower Upper
106 100
91 210.0 160.9 241.3





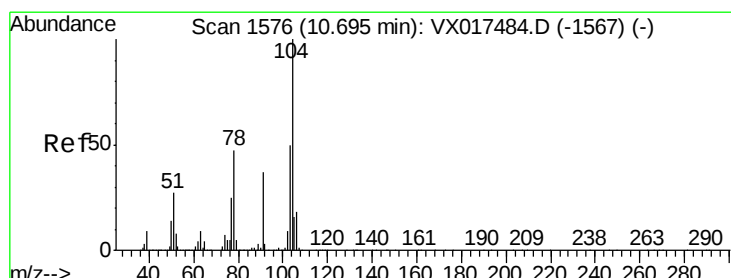
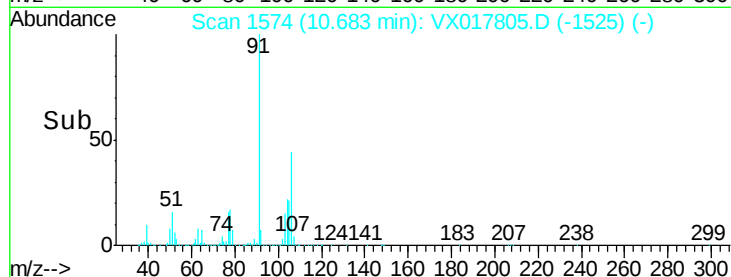
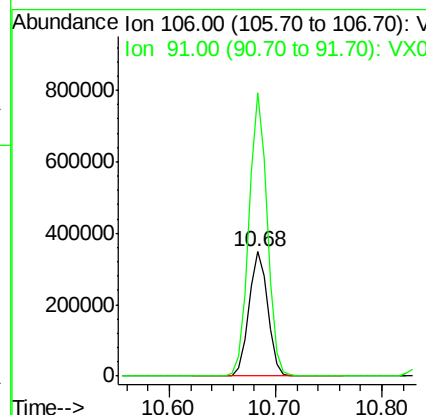
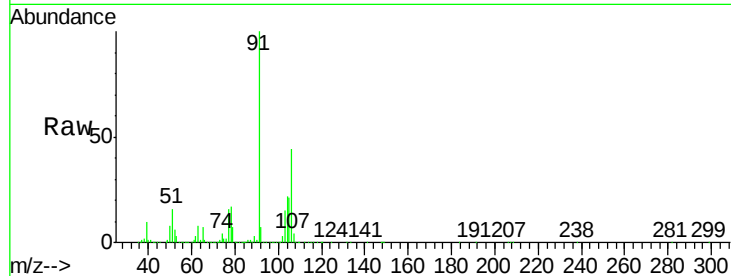
#69
o-Xylene
Concen: 50.139 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.6	108.2	324.6

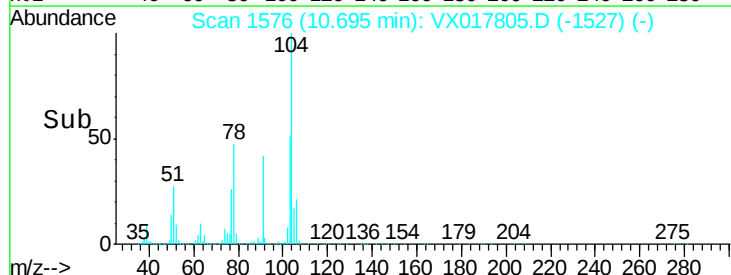
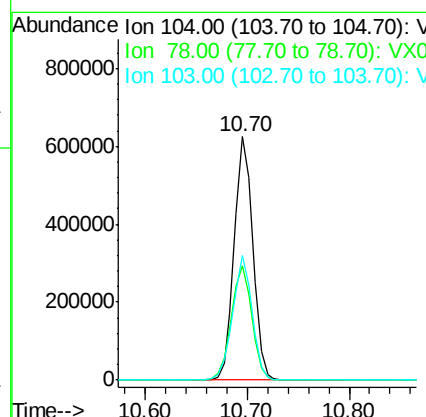
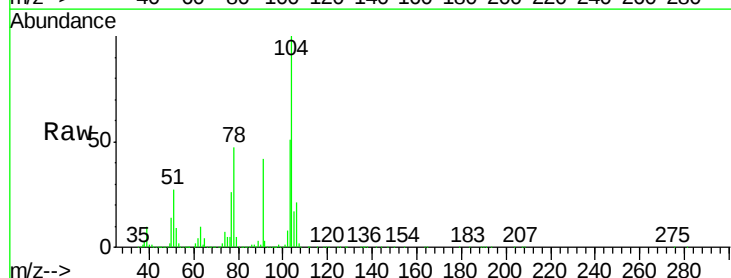
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#70
Styrene
Concen: 53.289 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.9	42.5	63.7
103	53.3	44.3	66.5





#71

Bromoform

Concen: 52.287 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

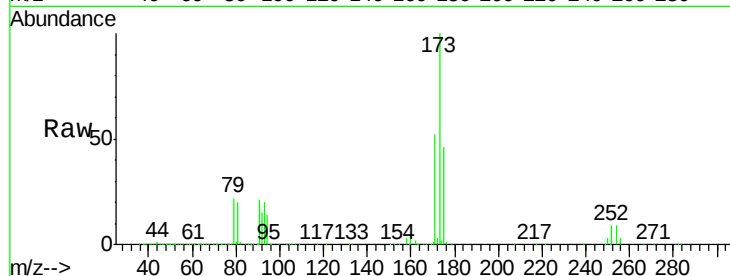
ClientSampleId :

VSTDCCC050EC

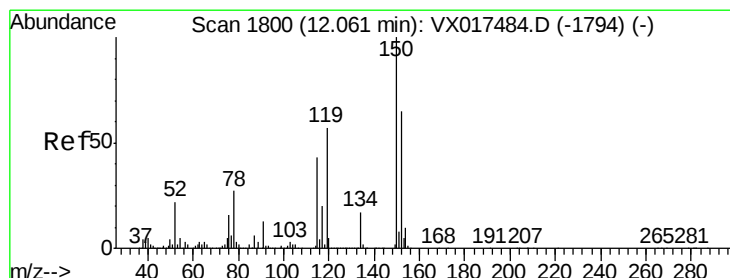
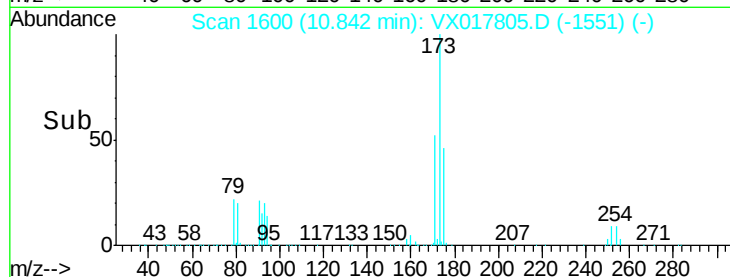
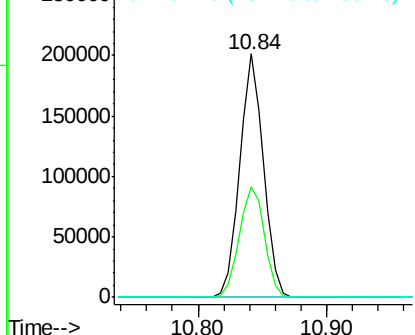
Tot Ion:	173	Resp:	255157
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.8	71.5
254	0.1	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

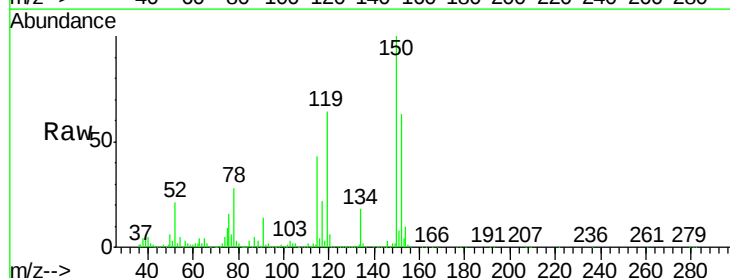
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

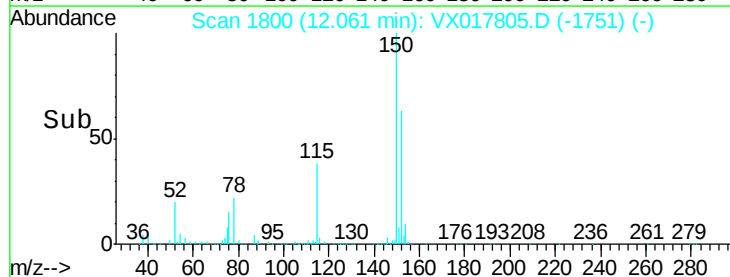
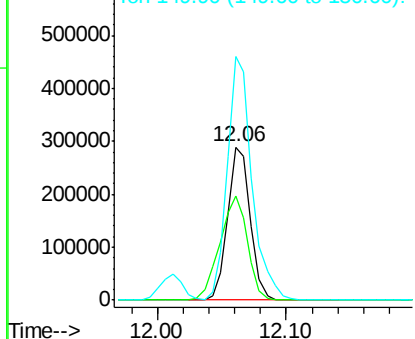
Lab File: VX017805.D

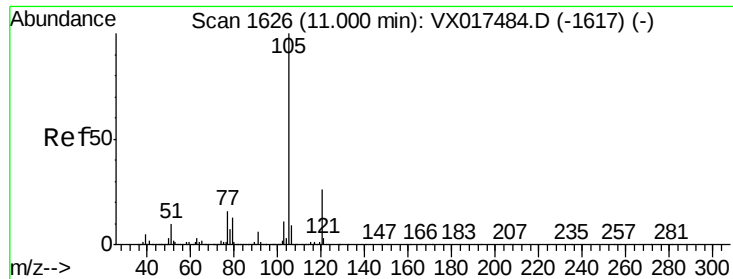
Acq: 06 Aug 2020 13:55

Tgt Ion:	152	Resp:	357283
Ion Ratio	Lower	Upper	
152	100		
115	82.7	65.5	196.6
150	173.1	0.0	412.6



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





#73

Isopropylbenzene

Concen: 50.454 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1236651

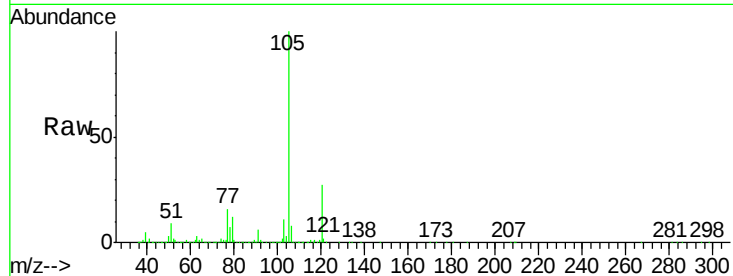
Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8

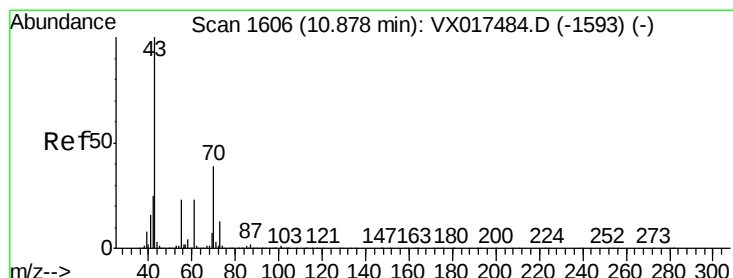
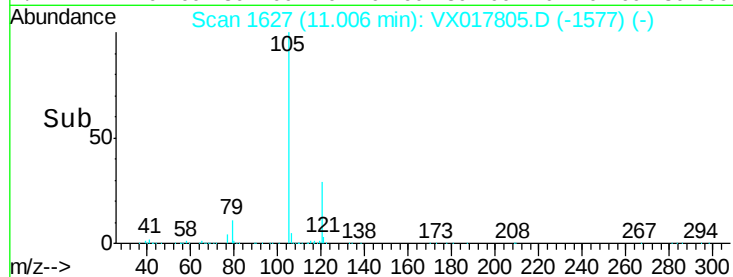
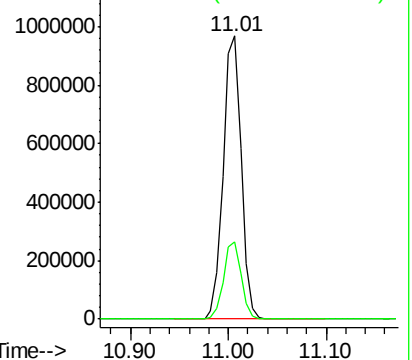
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.367 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion: 43 Resp: 559386

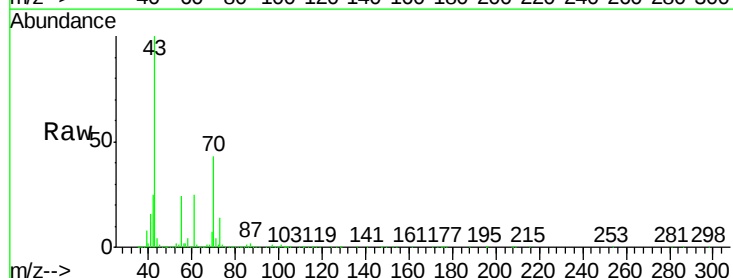
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 23.5 18.4 27.6

61 23.9 18.6 28.0

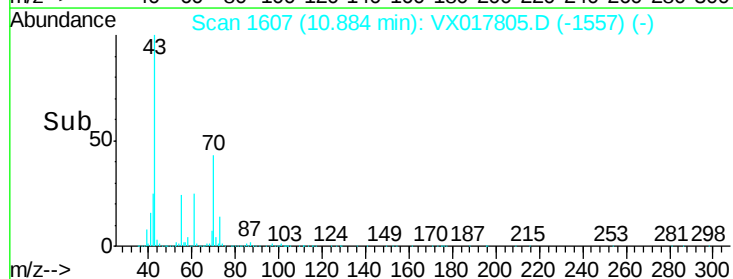
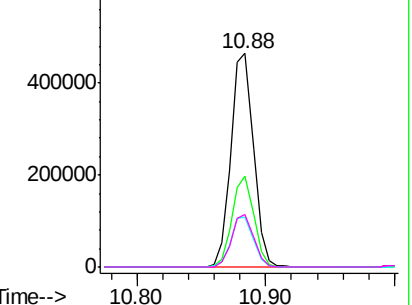


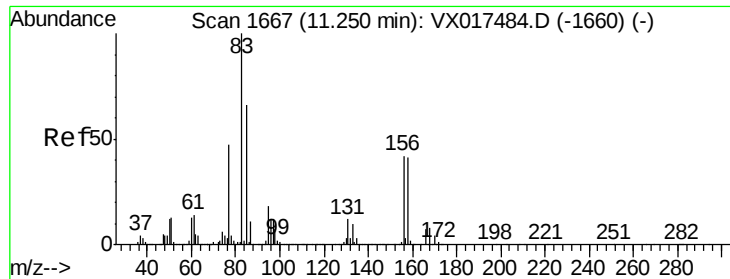
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.072 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

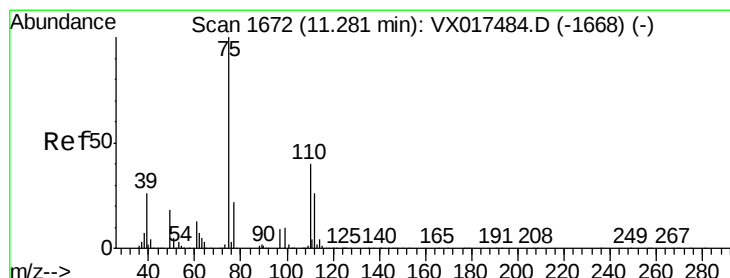
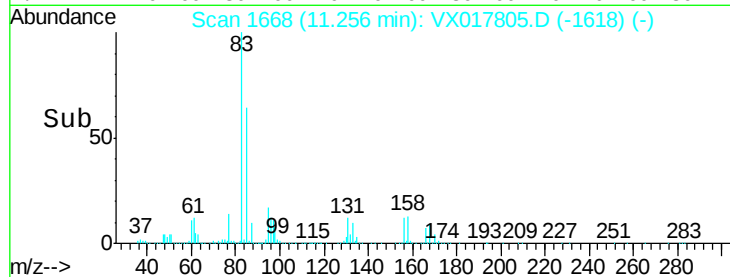
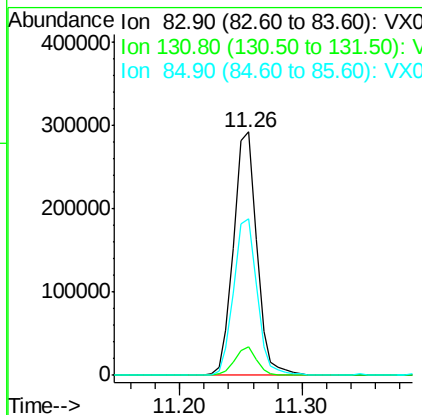
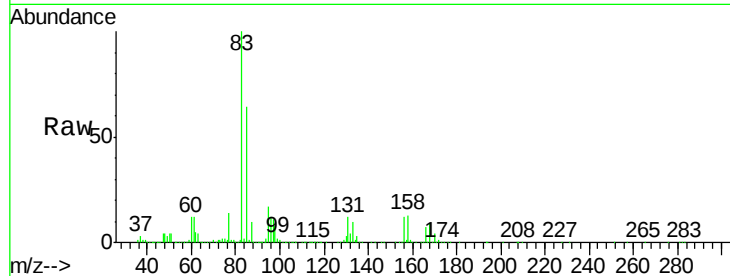
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	383079
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.5
85	65.0	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 51.031 ug/l m

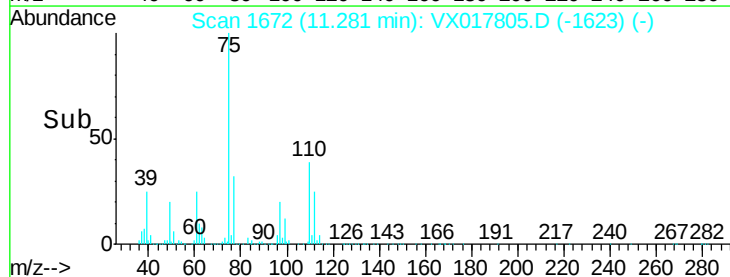
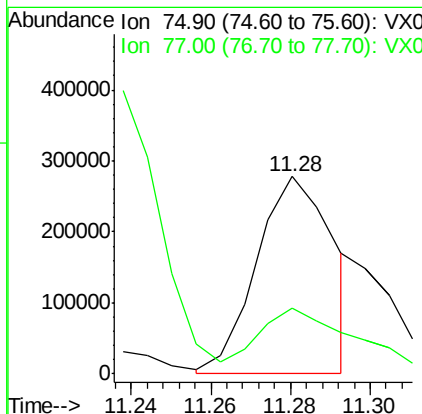
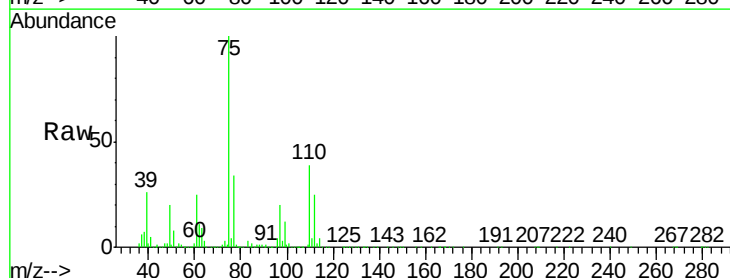
RT: 11.28 min Scan# 1672

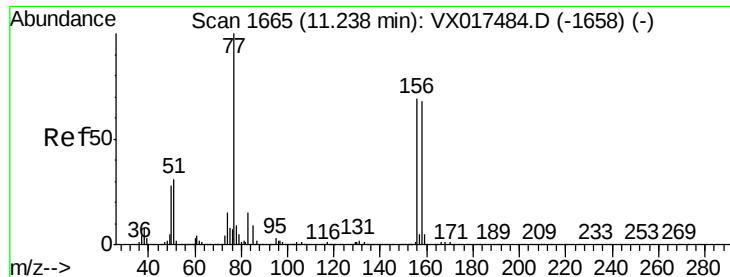
Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion:	75	Resp:	375051
Ion Ratio	Lower	Upper	
75	100		
77	42.7	21.8	65.3





#77

Bromobenzene

Concen: 47.516 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 326044

Ion Ratio Lower Upper

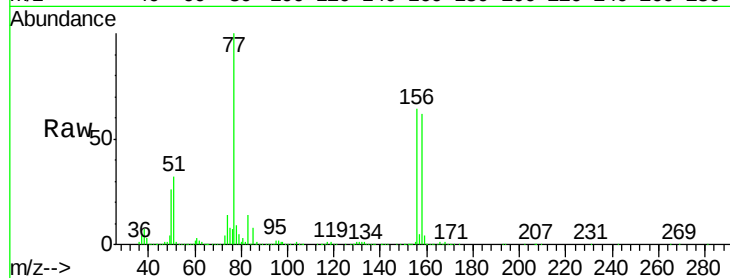
156 100

77 153.7 75.0 225.0

158 96.9 49.1 147.3

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

500000

400000

300000

200000

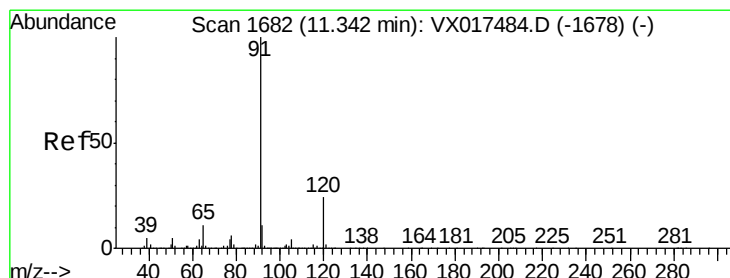
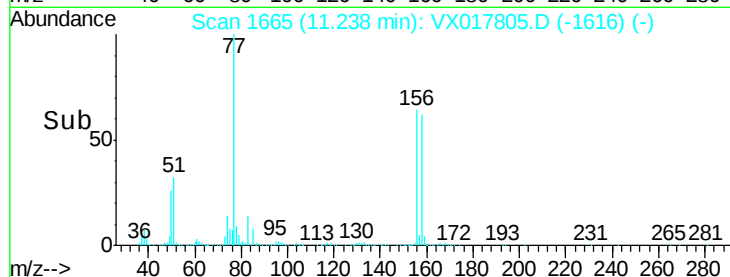
100000

0

11.20

11.30

Time-->



#78

n-propylbenzene

Concen: 50.625 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017805.D

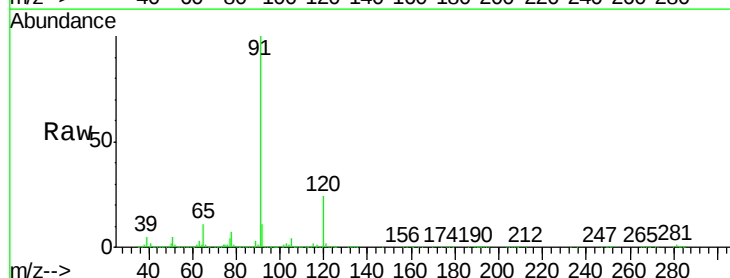
Acq: 06 Aug 2020 13:55

Tgt Ion: 91 Resp: 1399468

Ion Ratio Lower Upper

91 100

120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

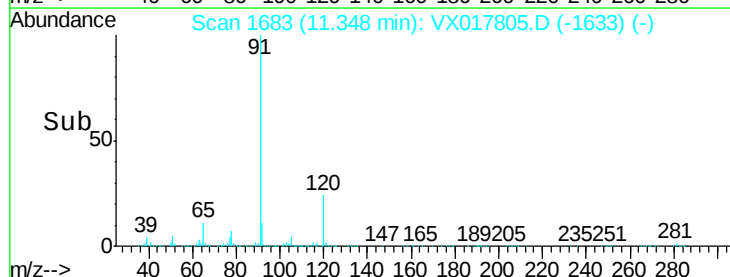
200000

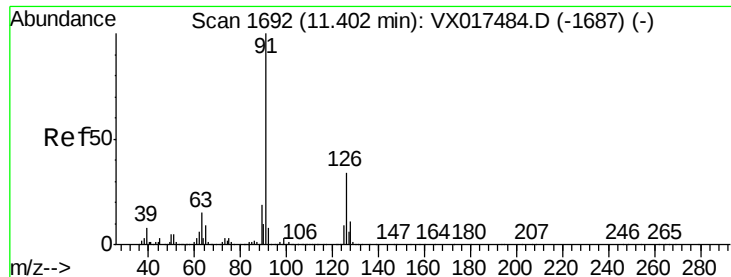
0

11.30

11.35

Time-->





#79

2-Chlorotoluene

Concen: 48.878 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 836990

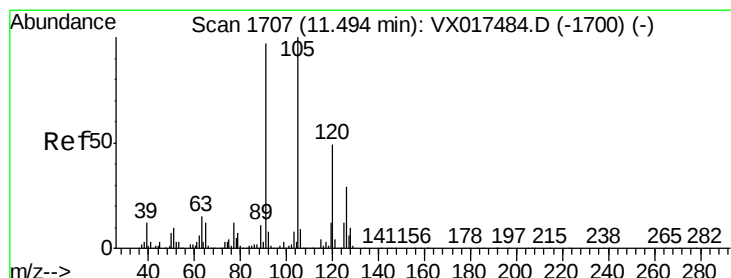
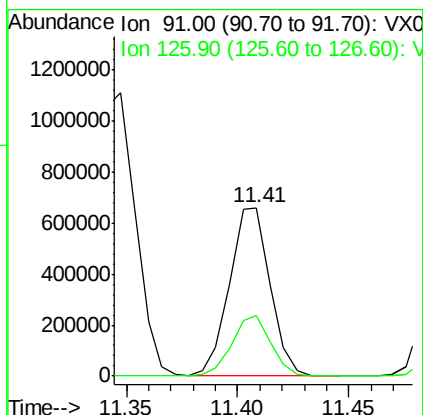
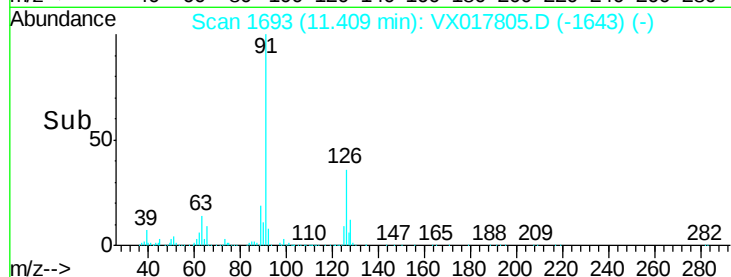
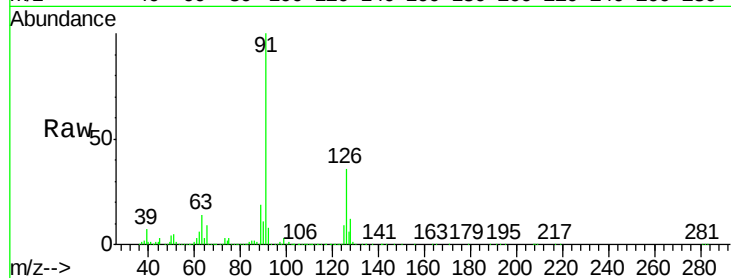
Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 49.932 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017805.D

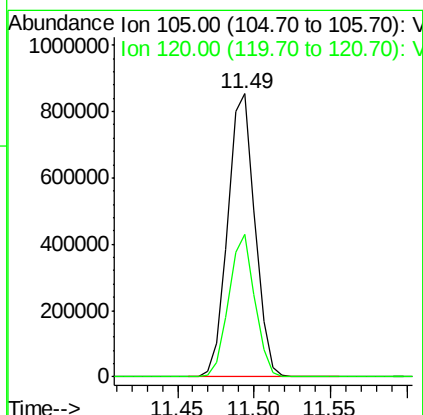
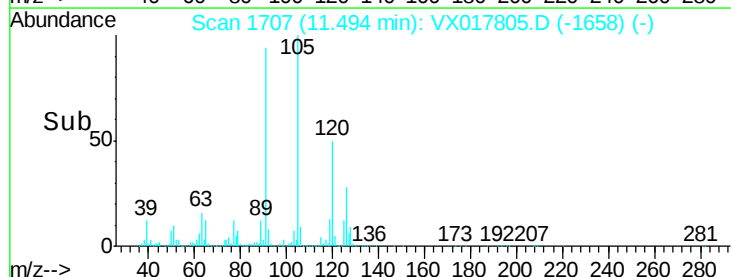
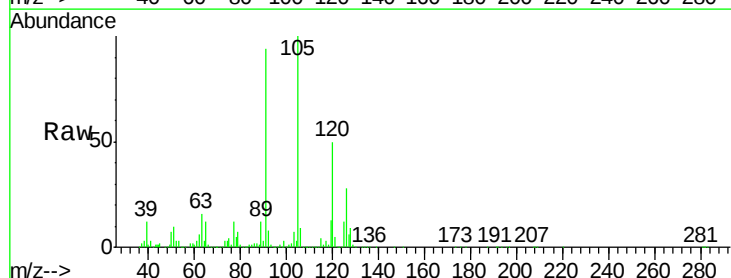
Acq: 06 Aug 2020 13:55

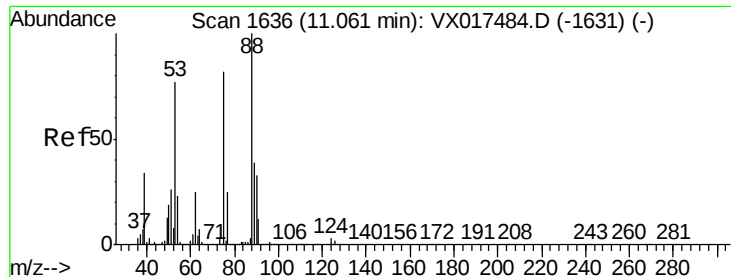
Tgt Ion: 105 Resp: 1044921

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.956 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

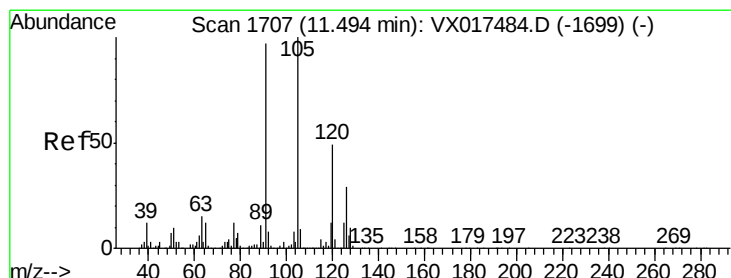
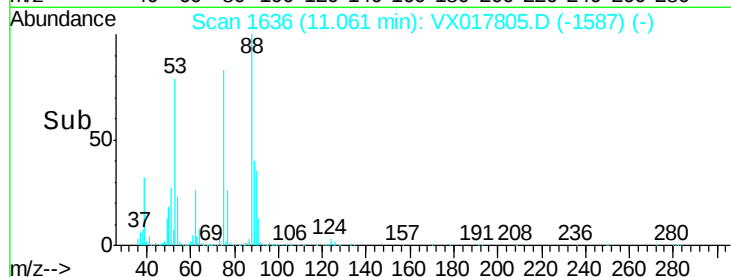
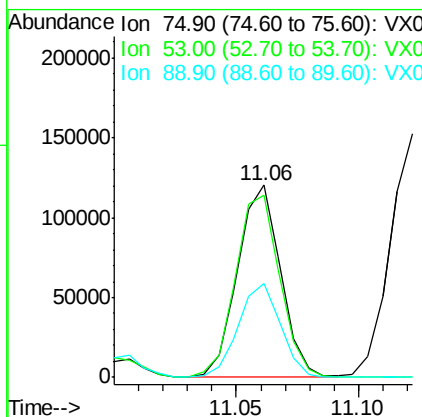
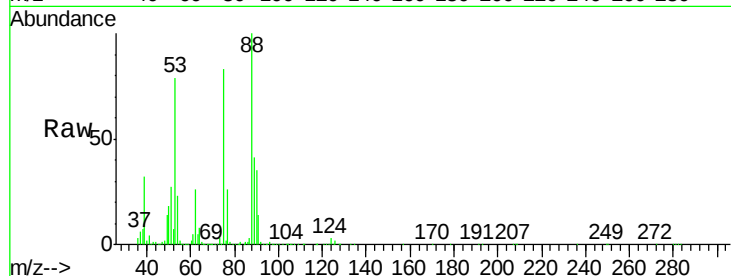
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	145706
Ion	Ratio	Lower	Upper
75	100		
53	98.3	75.9	113.9
89	48.7	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.778 ug/l

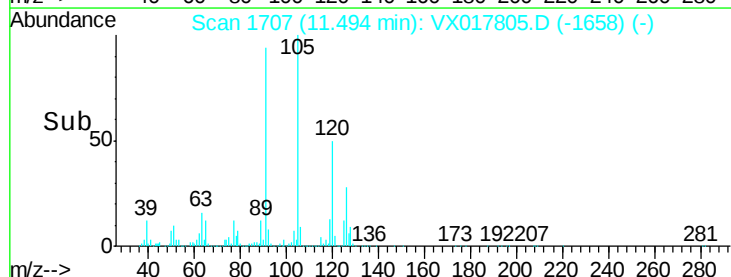
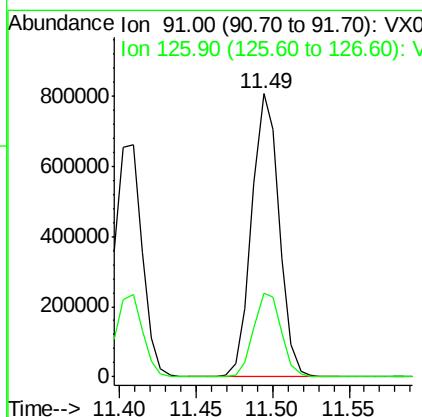
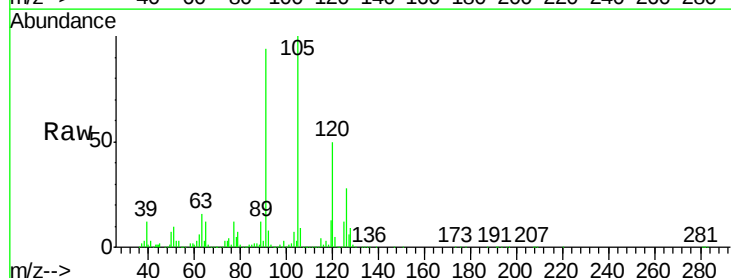
RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion:	91	Resp:	1005503
Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.2	45.6





#83

tert-Butylbenzene

Concen: 50.481 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1010851

Ion Ratio Lower Upper

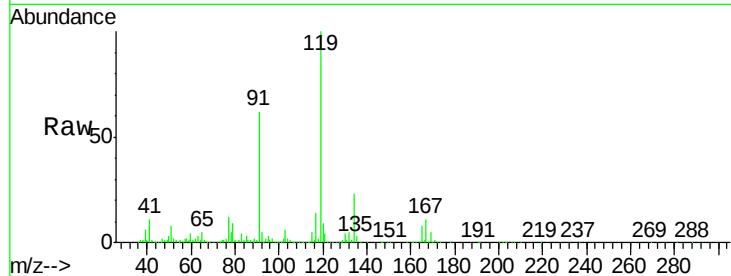
119 100

91 59.9 29.3 88.0

134 22.7 11.2 33.6

Manual Integrations
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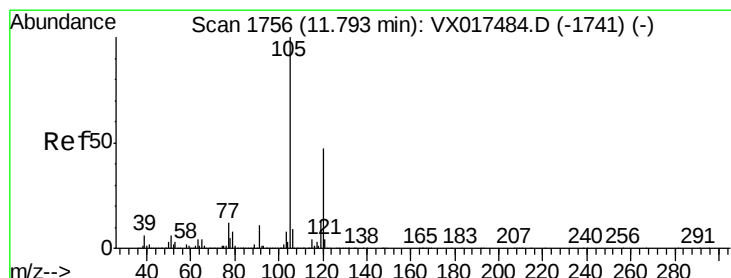
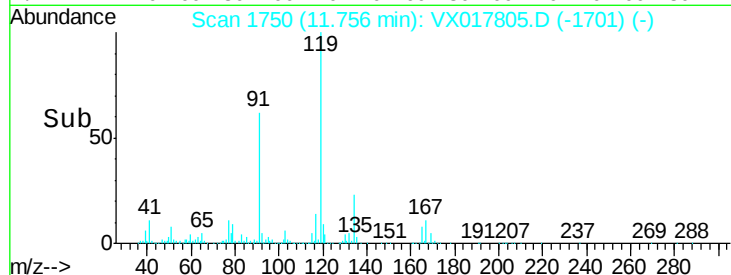
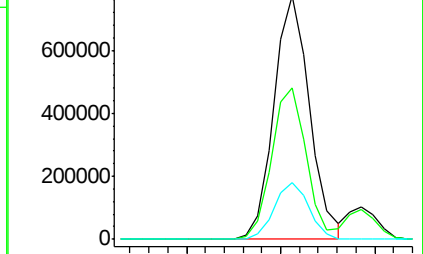
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.168 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017805.D

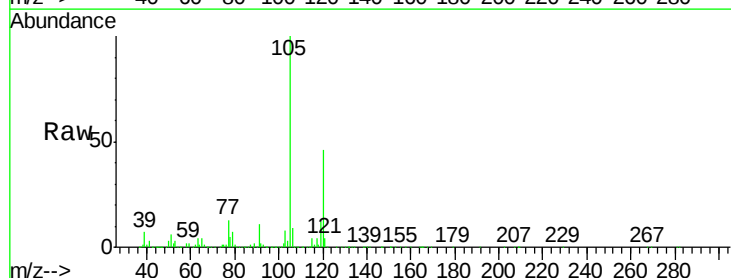
Acq: 06 Aug 2020 13:55

Tgt Ion:105 Resp: 1065030

Ion Ratio Lower Upper

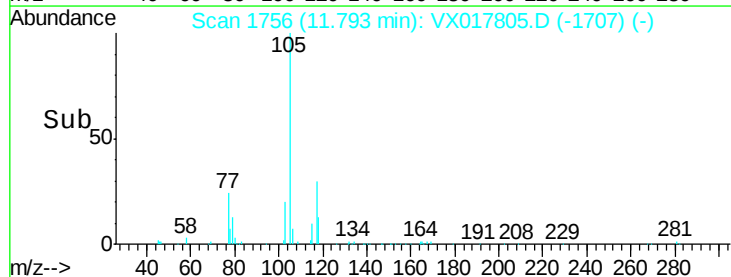
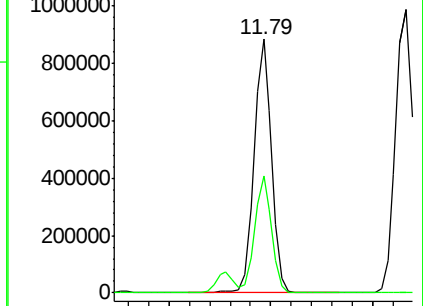
105 100

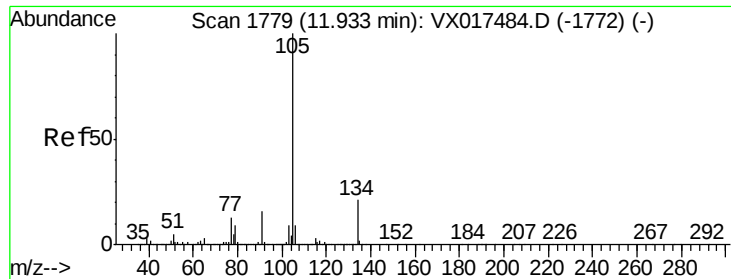
120 44.5 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.218 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1194745

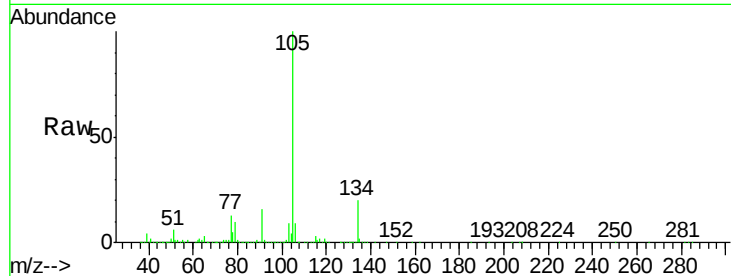
Ion Ratio Lower Upper

105 100

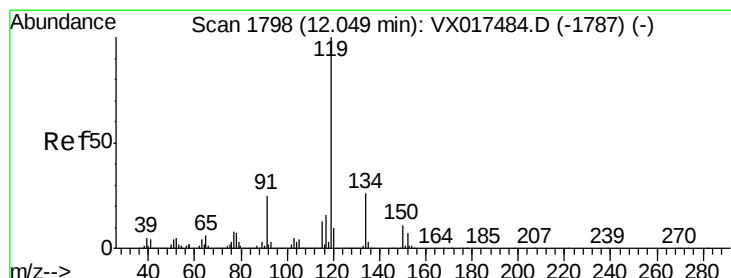
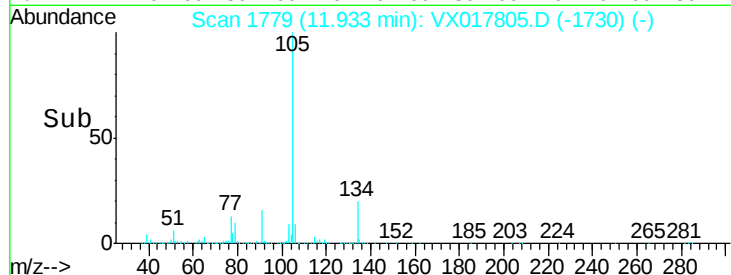
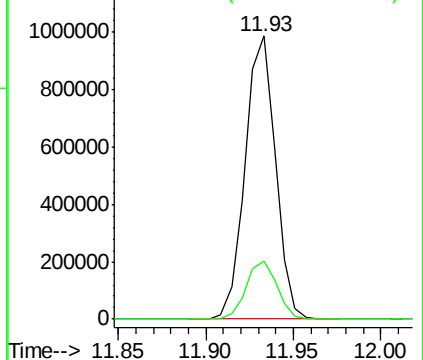
134 20.9 10.4 31.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.529 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

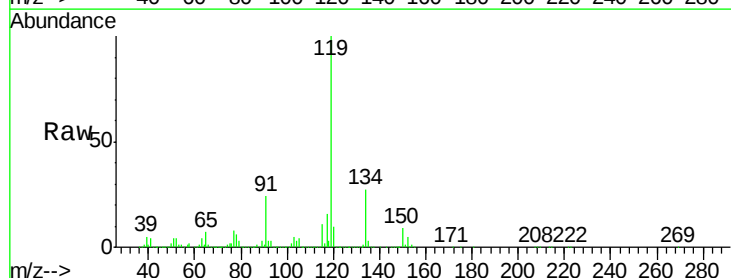
Tgt Ion:119 Resp: 1122453

Ion Ratio Lower Upper

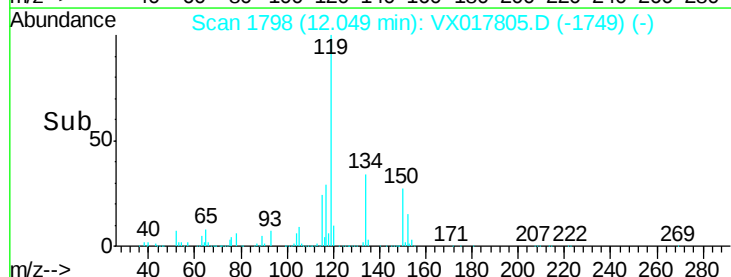
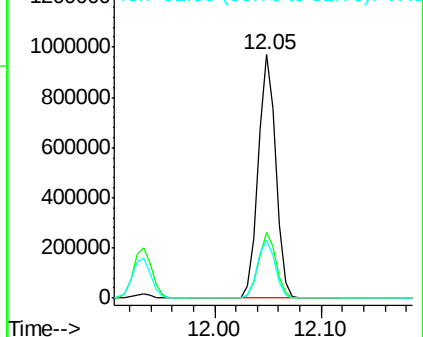
119 100

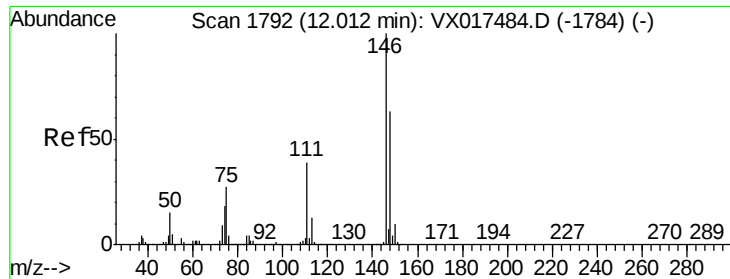
134 26.8 13.1 39.3

91 24.3 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





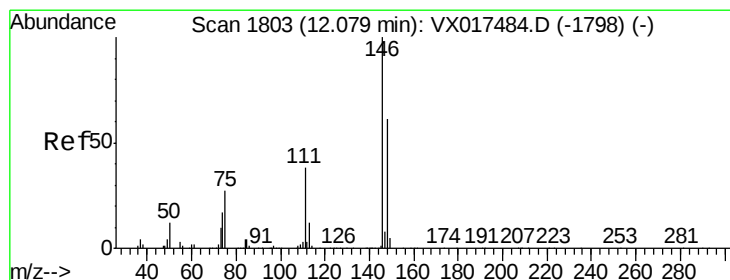
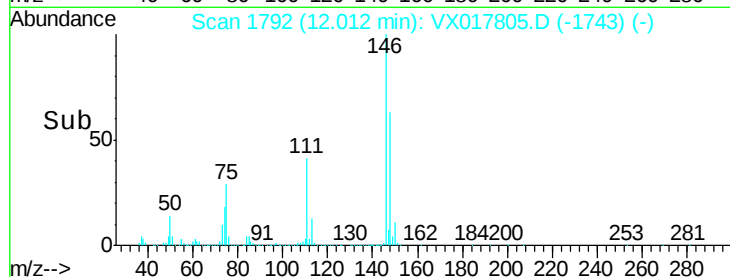
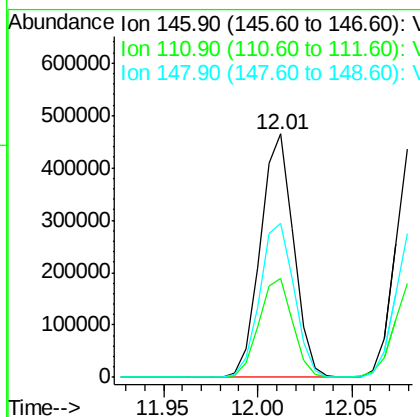
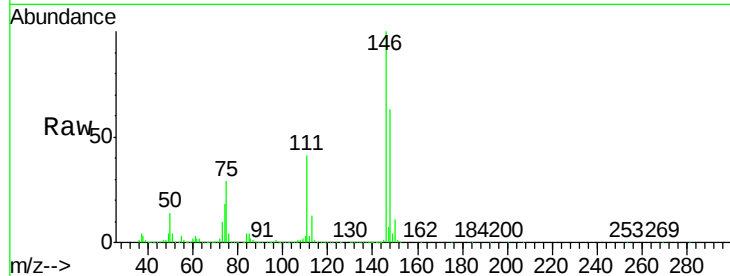
#87
 1,3-Dichlorobenzene
 Concen: 48.101 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017805.D
 Acq: 06 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.9	59.7
148	65.6	31.6	95.0

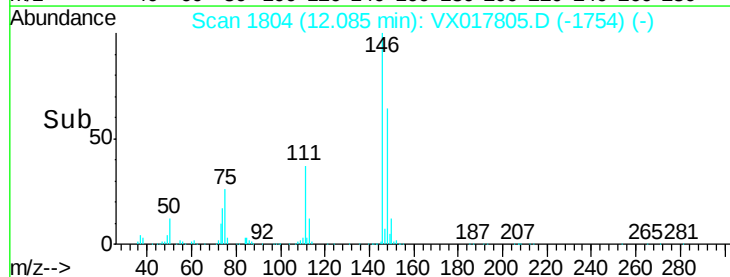
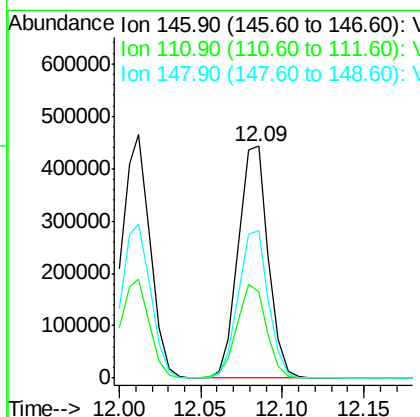
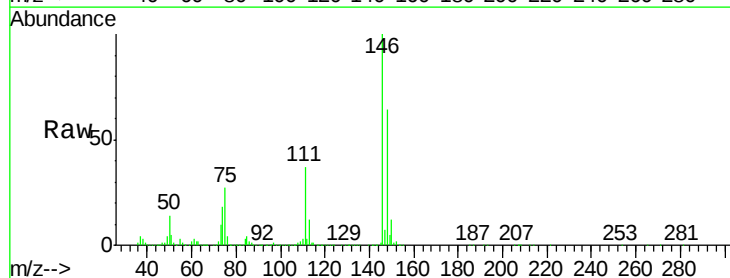
Manual Integrations
 APPROVED

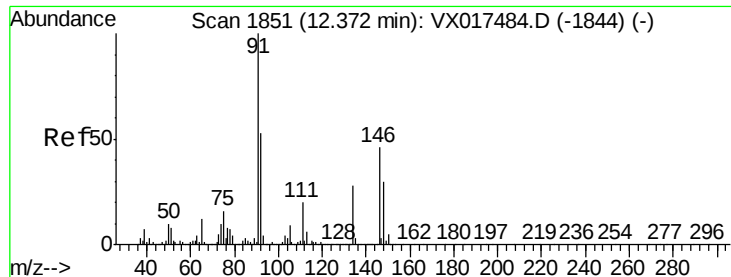
MMDadoda
 8/7/2020 4:32:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.351 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017805.D
 Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	64.2	32.2	96.6





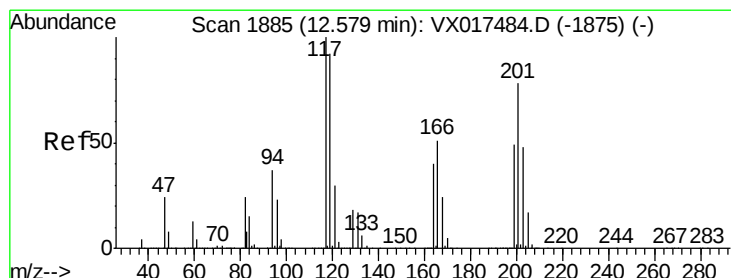
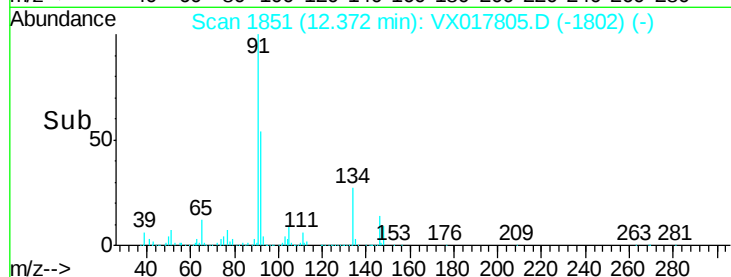
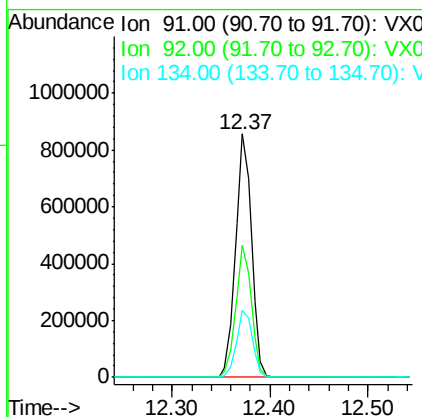
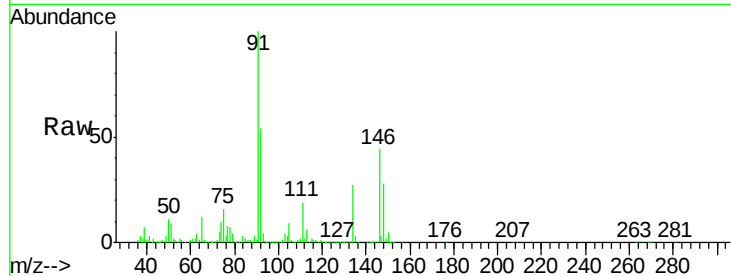
#89
n-Butylbenzene
Concen: 49.043 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.1
134	27.5	13.6	40.7

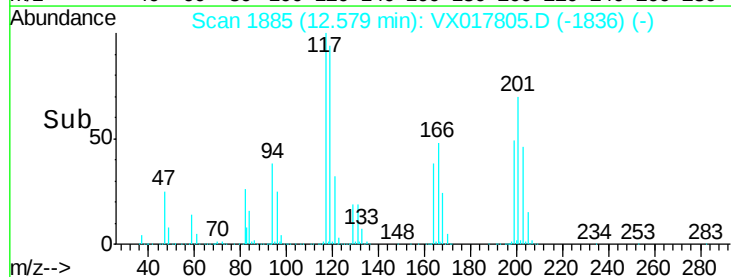
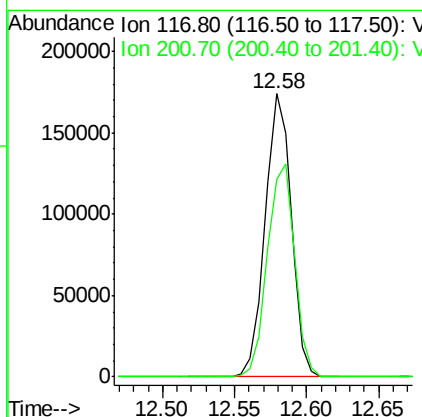
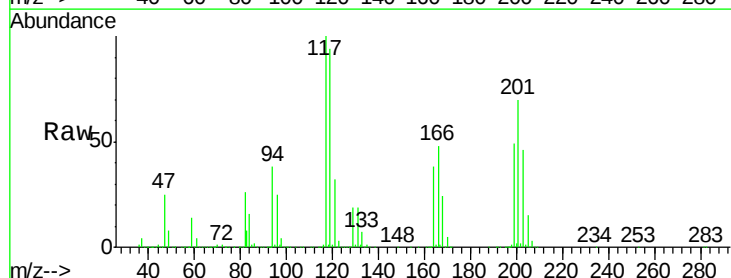
Manual Integrations
APPROVED

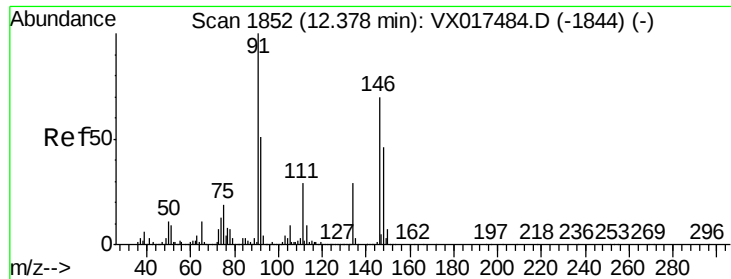
MMDadoda
8/7/2020 4:32:37 PM



#90
Hexachloroethane
Concen: 49.803 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 46.955 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Instrument :

MSVOA_X

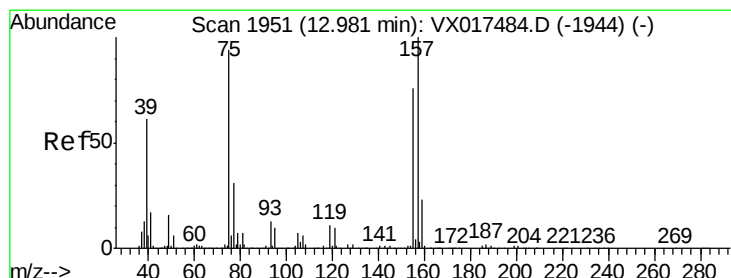
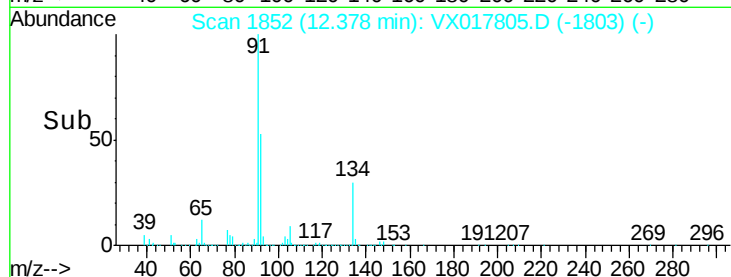
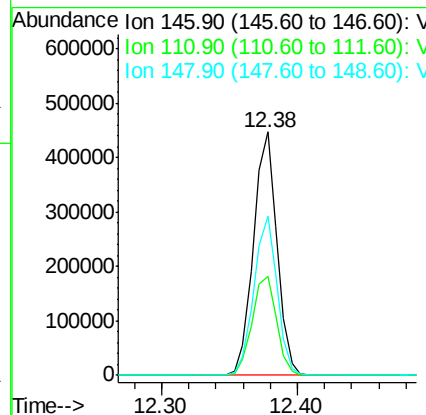
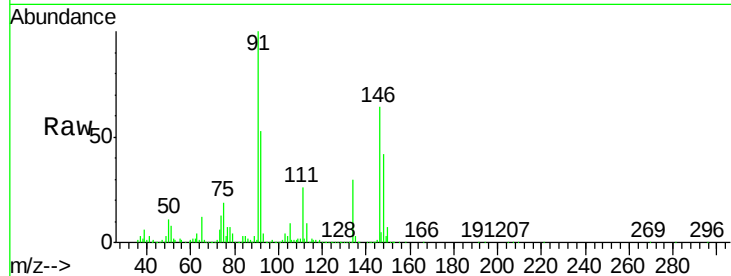
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	543784
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.9	62.8
148	64.9	32.8	98.4

Manual Integrations
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8/7/2020 4:32:37 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.573 ug/l

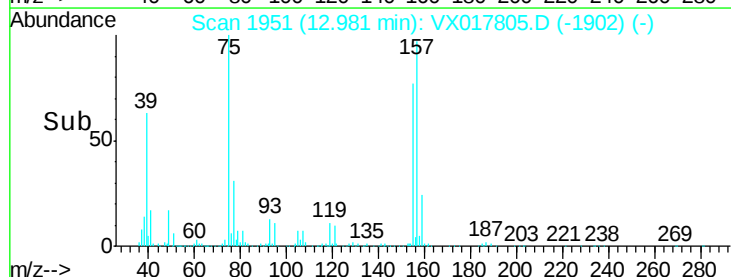
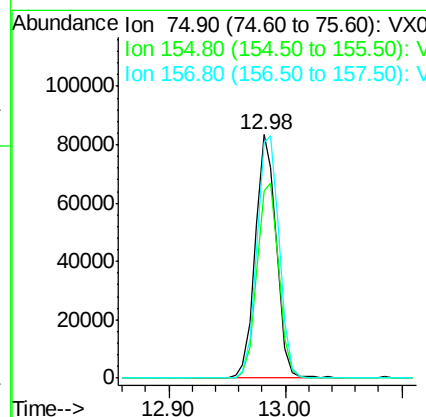
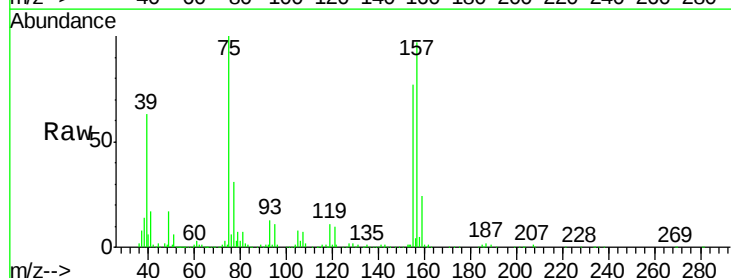
RT: 12.98 min Scan# 1951

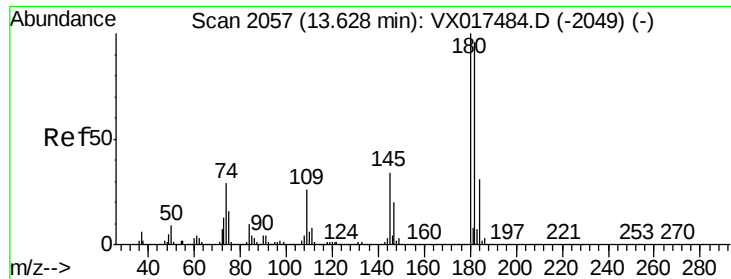
Delta R.T. 0.00 min

Lab File: VX017805.D

Acq: 06 Aug 2020 13:55

Tgt Ion:	75	Resp:	104924
Ion Ratio	Lower	Upper	
75	100		
155	82.7	42.3	126.8
157	104.6	54.3	162.9





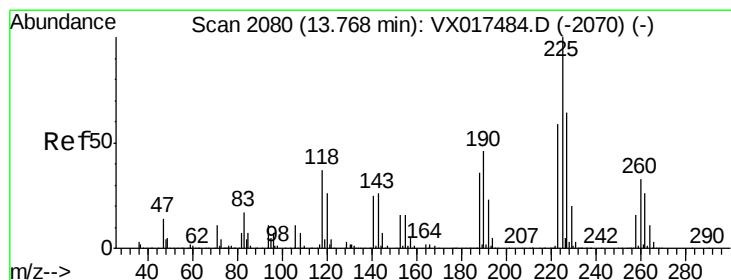
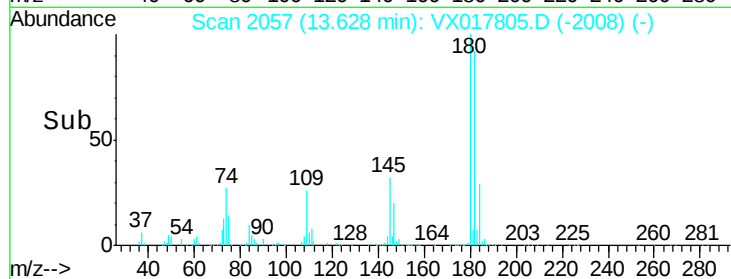
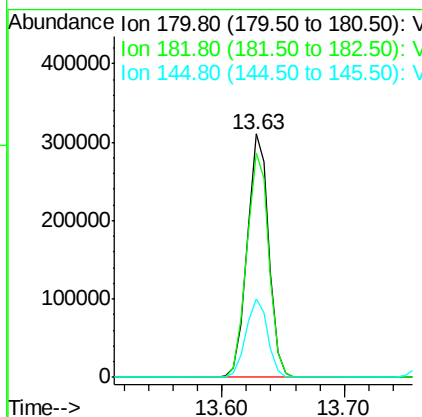
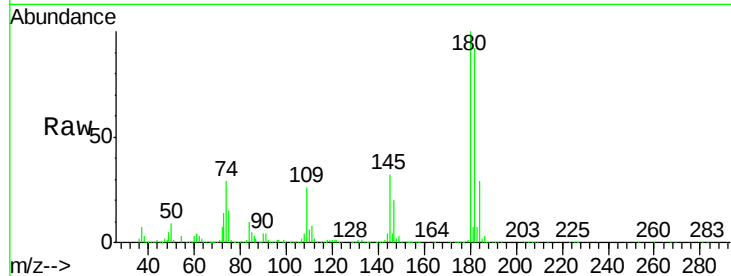
#93
 1,2,4-Trichlorobenzene
 Concen: 47.905 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017805.D
 Acq: 06 Aug 2020 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	378633		
182	95.0	47.5	142.6	
145	32.3	15.4	46.4	

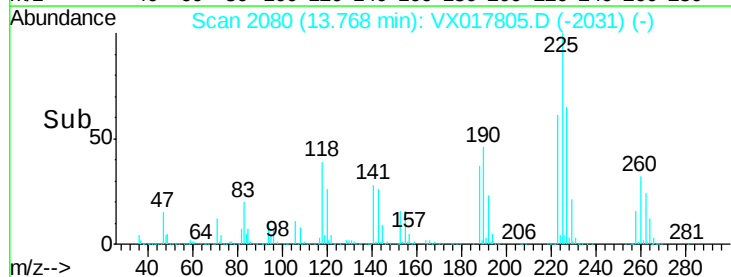
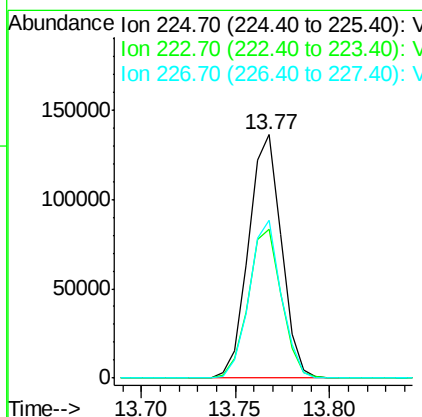
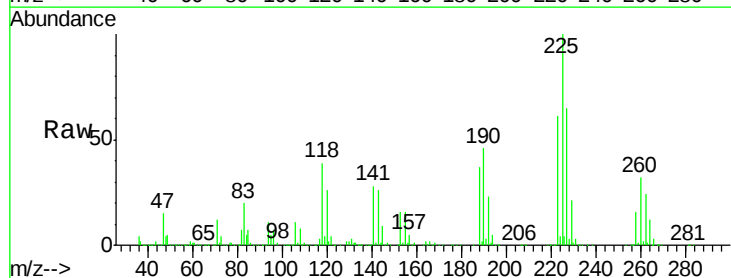
Manual Integrations
 APPROVED

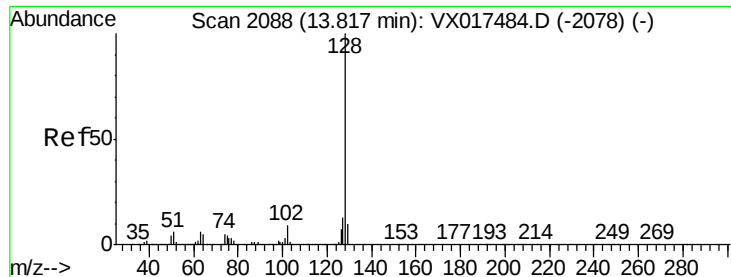
MMDadoda
 8/7/2020 4:32:37 PM



#94
 Hexachlorobutadiene
 Concen: 45.338 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017805.D
 Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164953		
223	61.6	30.3	90.9	
227	63.0	31.1	93.2	





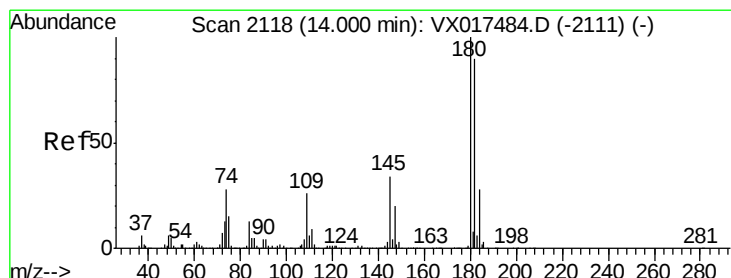
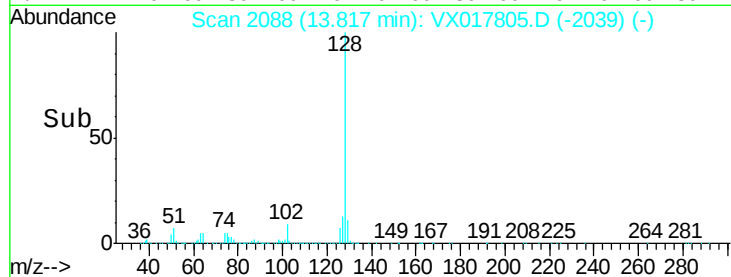
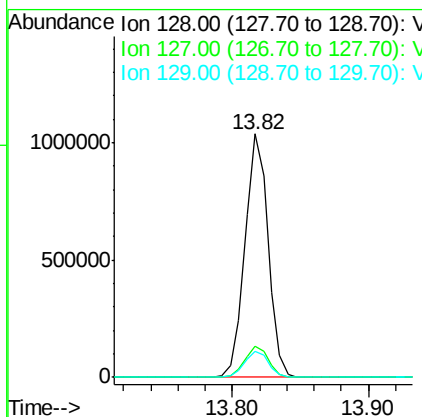
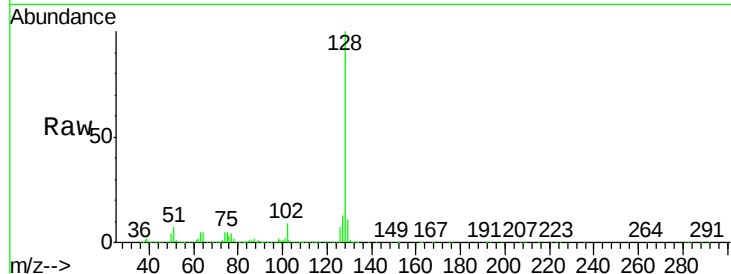
#95
Naphthalene
Concen: 52.235 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/7/2020 4:32:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.976 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017805.D
Acq: 06 Aug 2020 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.4	142.3
145	33.5	16.3	48.9

