

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018373.D
 Acq On : 11 Sep 2020 20:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:10:01 PM

Quant Time: Sep 12 07:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	78070	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	394319	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	375674	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	184699	29.99	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.97%
60) 4-Bromofluorobenzene	11.12	95	190536	29.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.53%
63) Toluene-d8	8.70	98	494664	29.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	78110	18.908 ug/l	93
3) Chloromethane	1.31	50	84713	19.305 ug/l	95
4) Vinyl Chloride	1.39	62	91996	19.910 ug/l	98
5) Bromomethane	1.64	94	65152	20.724 ug/l	94
6) Chloroethane	1.71	64	54991	19.581 ug/l	96
7) Trichlorofluoromethane	1.92	101	159172	20.327 ug/l	91
8) Diethyl Ether	2.17	74	49207	19.933 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76382	19.092 ug/l	99
10) 1,1-Dichloroethene	2.35	96	75055	19.111 ug/l	93
11) Methyl Iodide	2.50	142	75362	20.226 ug/l	96
12) Methyl Acetate	2.75	43	106396	20.581 ug/l	95
13) Acrolein	2.28	56	44674	107.078 ug/l	98
14) Acrylonitrile	3.12	53	229095	97.802 ug/l	99
15) Acetone	2.42	58	61439	96.469 ug/l	83
16) Carbon Disulfide	2.55	76	217292	19.002 ug/l	99
17) Allyl chloride	2.71	41	138052	19.667 ug/l	98
18) Methylene Chloride	2.84	84	89021	19.314 ug/l	96
19) trans-1,2-Dichloroethene	3.15	96	86092	19.745 ug/l	94
20) Diisopropyl ether	3.82	45	272878	19.637 ug/l	92
21) 1,1-Dichloroethane	3.67	63	155778	19.530 ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	93854	19.454 ug/l	98
23) tert-Butyl Alcohol	3.01	59	100182	98.693 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	271121	19.418 ug/l	99
25) Chloroform	5.18	83	168246	19.764 ug/l	99
26) Cyclohexane	5.56	56	124780	19.381 ug/l	# 50
29) 1,1-Dichloropropene	5.77	75	116016	19.275 ug/l	98
30) 2-Butanone	4.63	43	322187	97.758 ug/l	100
31) 2,2-Dichloropropane	4.56	77	128902m	17.729 ug/l	
32) 1,1,1-Trichloroethane	5.46	97	157609	20.005 ug/l	99
33) Carbon Tetrachloride	5.76	117	145546	19.825 ug/l	88
34) Benzene	6.12	78	341462	19.873 ug/l	98
35) Methacrylonitrile	5.00	41	69420	19.987 ug/l	94
36) 1,2-Dichloroethane	6.17	62	142204	19.998 ug/l	# 100
37) Trichloroethene	7.19	130	95957	19.314 ug/l	98
38) Methylcyclohexane	7.44	83	119356	18.616 ug/l	99
39) 1,2-Dichloropropane	7.49	63	88637	19.261 ug/l	96
40) Dibromomethane	7.64	93	65300	19.650 ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018373.D
 Acq On : 11 Sep 2020 20:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:10:01 PM

Quant Time: Sep 12 07:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	134748	19.564	ug/l	93
42) Vinyl Acetate	3.79	43	1229135	99.961	ug/l	100
43) Ethyl Acetate	4.79	43	127526	19.459	ug/l	96
44) Isopropyl Acetate	6.41	43	209130	19.801	ug/l	97
45) 1,4-Dioxane	7.72	88	31163	353.192	ug/l #	89
46) Methyl methacrylate	7.75	41	101574	19.541	ug/l	95
47) n-amyl Acetate	10.88	43	178796	19.266	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	140748	19.024	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	151483	19.491	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	91969	19.861	ug/l	98
51) Ethyl methacrylate	9.16	69	128426	19.145	ug/l	95
52) 1,3-Dichloropropane	9.35	76	148534	19.325	ug/l	98
53) Dibromochloromethane	9.57	129	113444	19.703	ug/l	99
54) 1,2-Dibromoethane	9.65	107	99282	19.544	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	358479	102.337	ug/l	99
56) Bromoform	10.84	173	85732	19.597	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	656469	101.597	ug/l	100
59) 2-Hexanone	9.48	43	490291	100.178	ug/l	99
61) Tetrachloroethene	9.32	164	89679	19.140	ug/l	93
62) Toluene	8.77	91	371012	19.624	ug/l	100
64) Chlorobenzene	10.12	112	241024	19.838	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	96323	19.576	ug/l	99
66) Ethyl Benzene	10.24	91	414757	19.854	ug/l	94
67) m/p-Xylenes	10.34	106	320628	40.133	ug/l	96
68) o-Xylene	10.68	106	148228	19.636	ug/l	98
69) Styrene	10.69	104	257231	19.531	ug/l	99
70) Isopropylbenzene	11.01	105	407756	19.424	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	134468	19.601	ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	129983m	19.721	ug/l	
73) Bromobenzene	11.24	156	112139	19.499	ug/l	99
74) n-propylbenzene	11.35	91	467995	18.933	ug/l	99
75) 2-Chlorotoluene	11.40	91	299684	20.003	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	352569	19.278	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	48141	18.795	ug/l	92
78) 4-Chlorotoluene	11.49	91	344480	19.275	ug/l	100
79) tert-butylbenzene	11.76	119	339784	19.287	ug/l	96
80) 1,2,4-Trimethylbenzene	11.79	105	361319	19.976	ug/l	98
81) sec-Butylbenzene	11.93	105	397775	19.330	ug/l	100
82) p-Isopropyltoluene	12.05	119	364871	19.017	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	198552	19.309	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	203497	19.792	ug/l	99
85) n-Butylbenzene	12.37	91	311515	18.442	ug/l	99
86) Hexachloroethane	12.58	117	72403	19.167	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	191653	19.904	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	34419	19.612	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	120765	18.538	ug/l	99
90) Hexachlorobutadiene	13.77	225	52894	19.196	ug/l	89
91) Naphthalene	13.82	128	390223	19.194	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	125790	19.518	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
Data File : VX018373.D
Acq On : 11 Sep 2020 20:01
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM

Quant Time: Sep 12 07:25:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

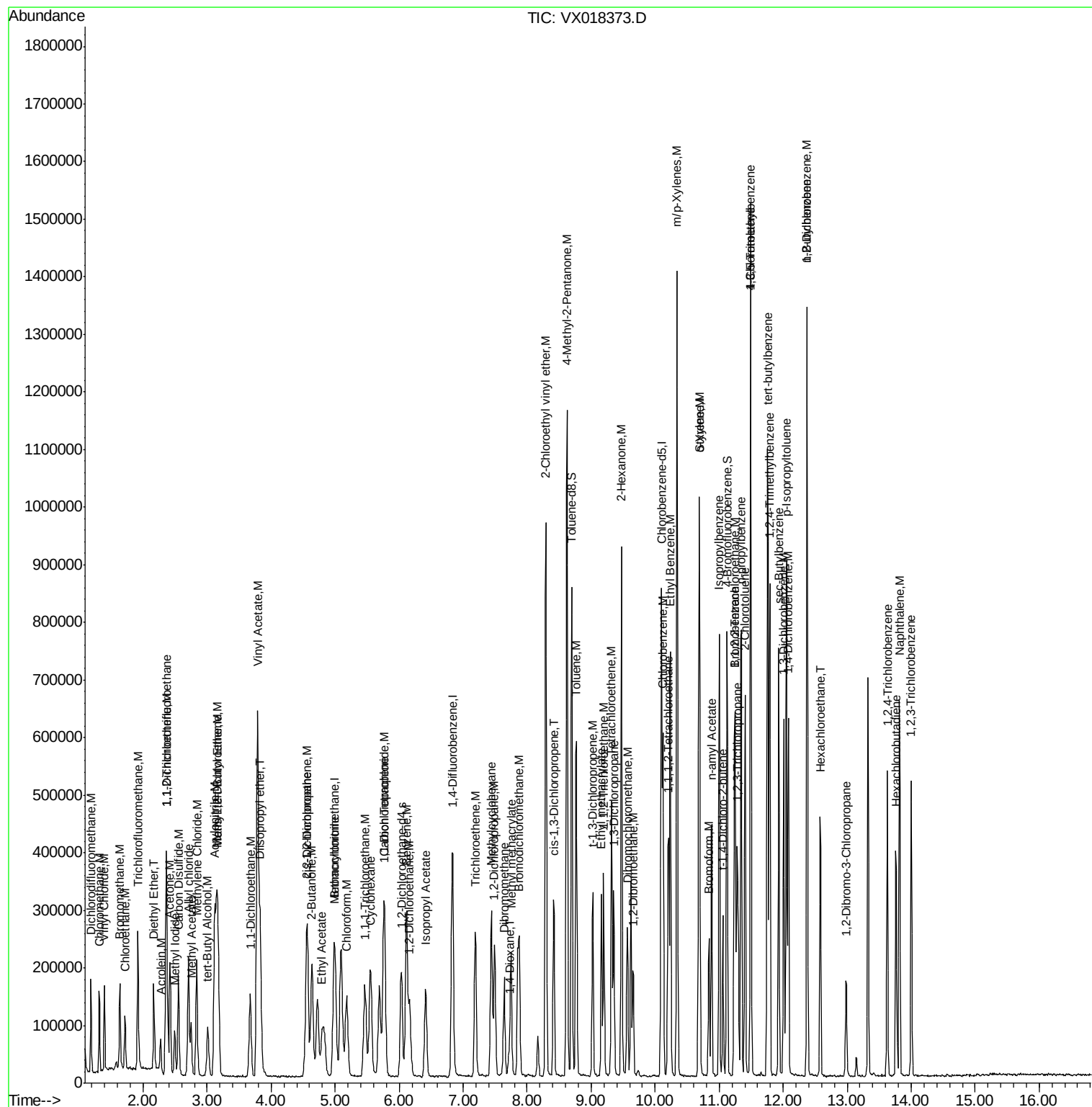
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018373.D
 Acd On : 11 Sep 2020 20:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

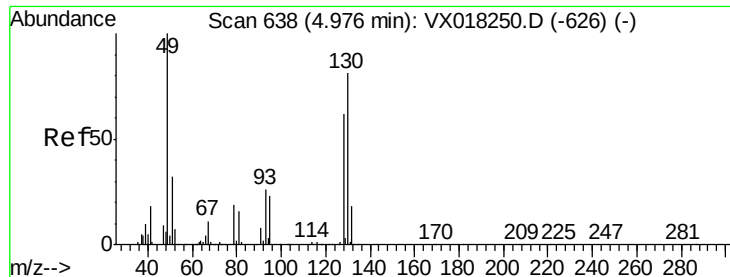
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:10:01 PM

Quant Time: Sep 12 07:25:00 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

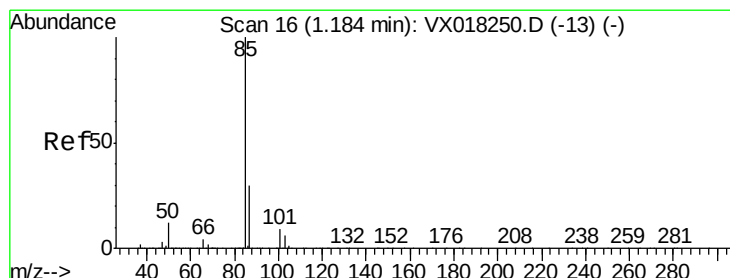
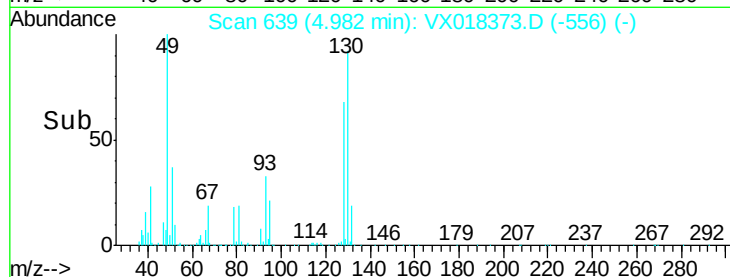
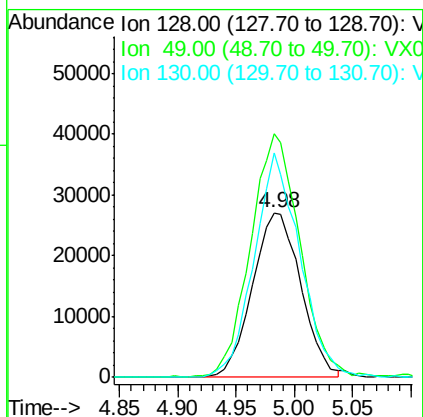
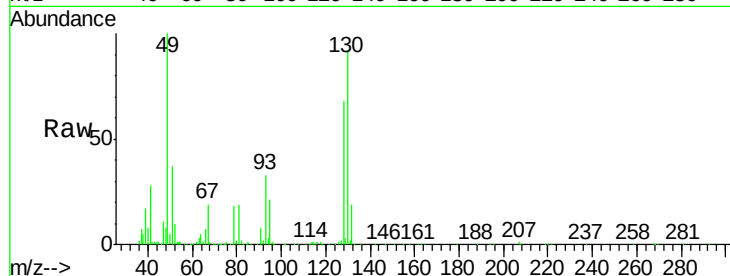
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	78070
Ion	Ratio	Lower	Upper
128	100		
49	149.5	0.0	392.0
130	128.9	0.0	320.2

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#2

Dichlorodifluoromethane

Concen: 18.908 ug/l

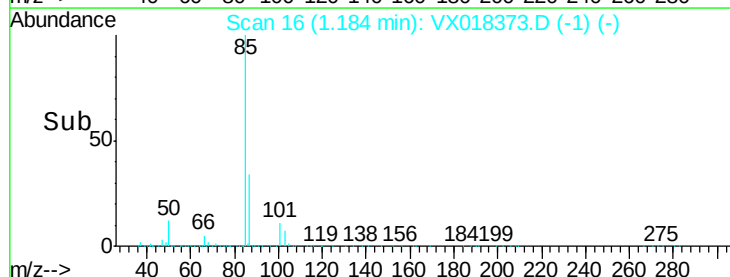
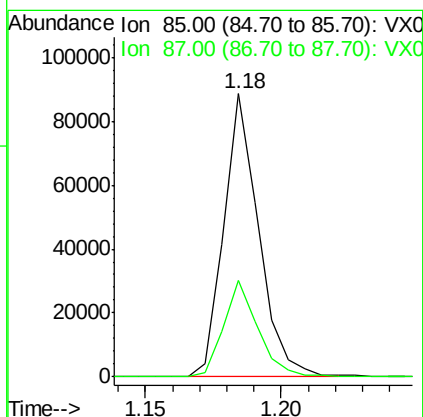
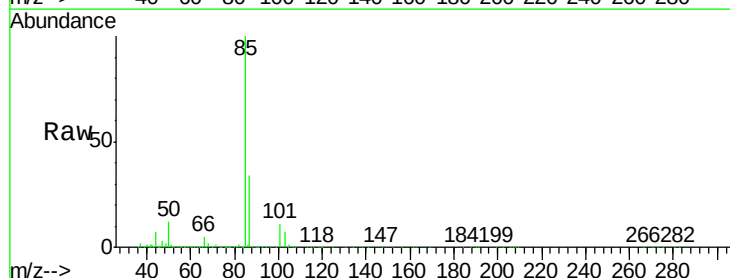
RT: 1.18 min Scan# 16

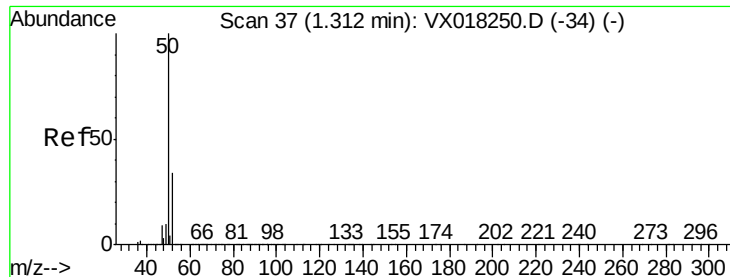
Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	85	Resp:	78110
Ion	Ratio	Lower	Upper
85	100		
87	34.0	15.1	45.3





#3

Chloromethane

Concen: 19.305 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 84713

Ion Ratio Lower Upper

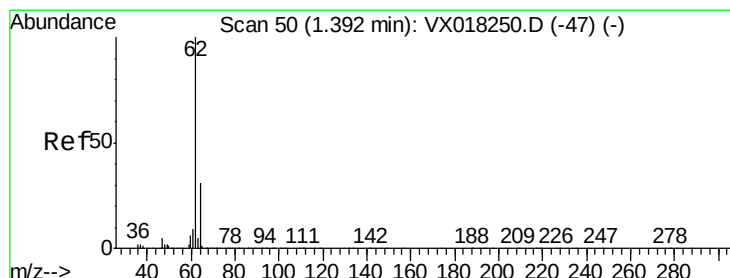
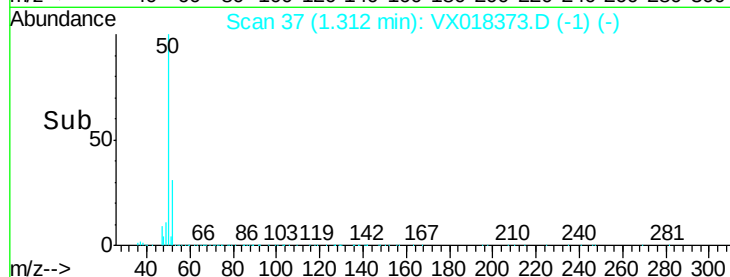
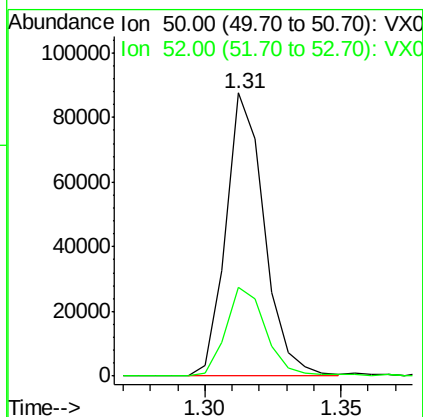
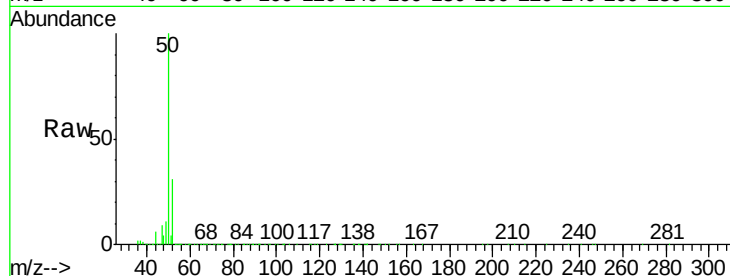
50 100

52 31.3 27.1 40.7

Manual Integrations
APPROVED

MMDadoda

9/14/2020 12:10:01 PM



#4

Vinyl Chloride

Concen: 19.910 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018373.D

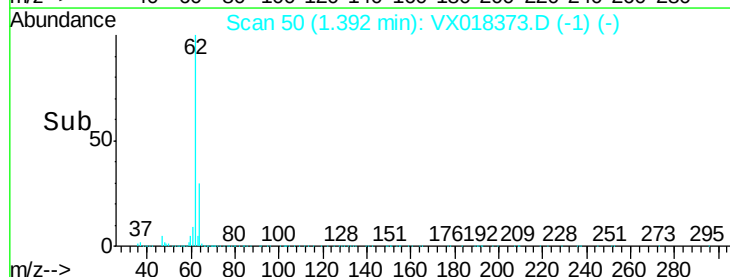
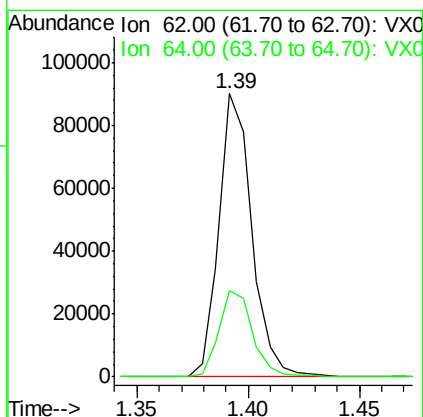
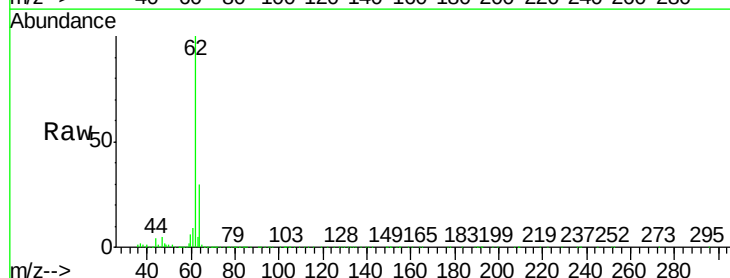
Acq: 11 Sep 2020 20:01

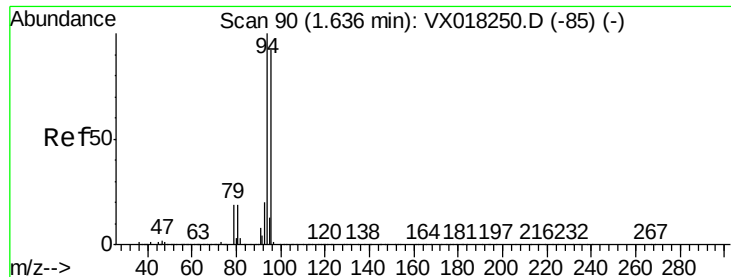
Tgt Ion: 62 Resp: 91996

Ion Ratio Lower Upper

62 100

64 30.3 25.2 37.8





#5

Bromomethane

Concen: 20.724 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 65152

Ion Ratio Lower Upper

94 100

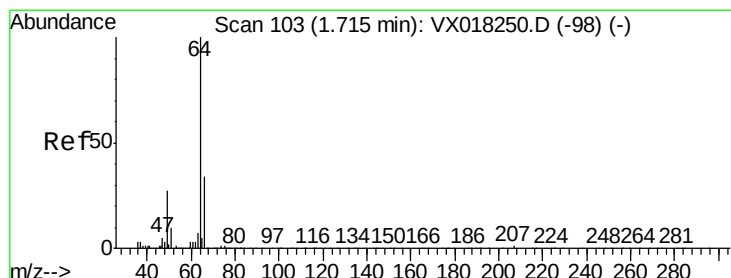
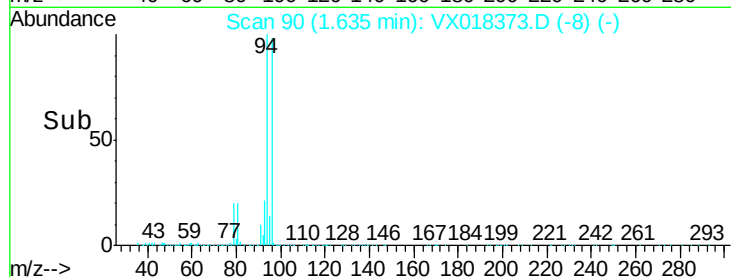
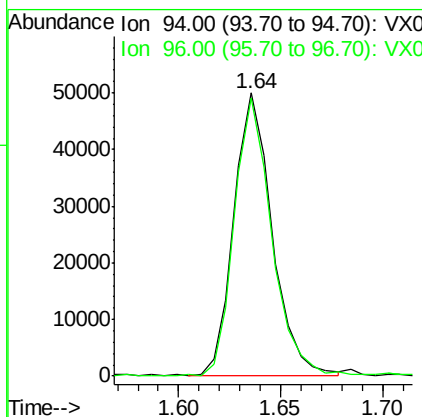
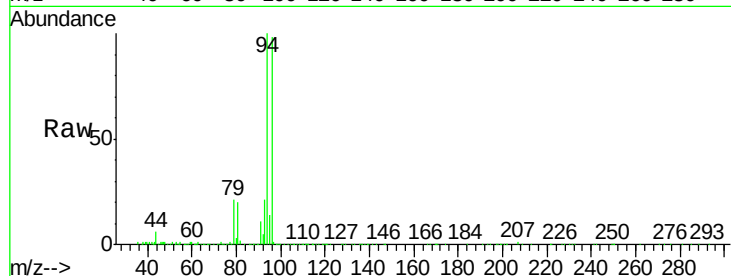
96 97.9 73.9 110.9

Manual Integrations

APPROVED

MMDadoda

9/14/2020 12:10:01 PM



#6

Chloroethane

Concen: 19.581 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX018373.D

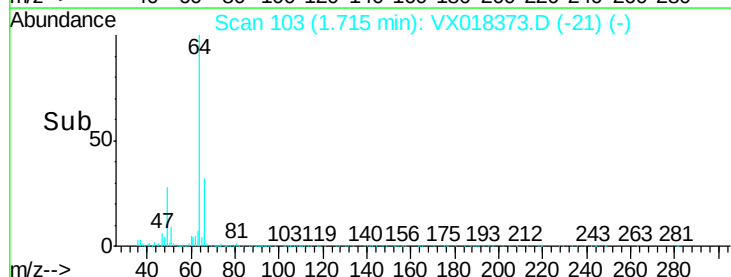
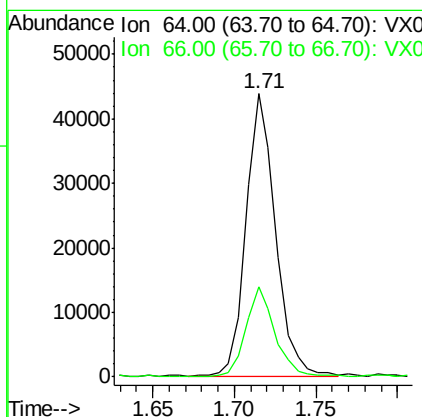
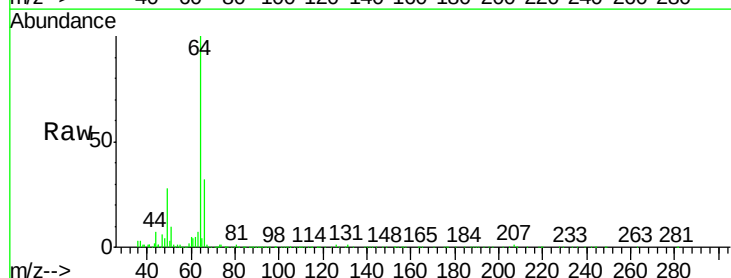
Acq: 11 Sep 2020 20:01

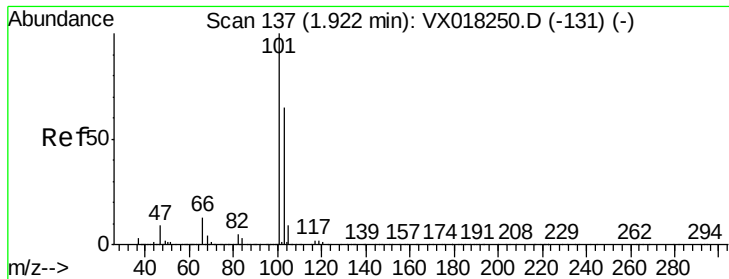
Tgt Ion: 64 Resp: 54991

Ion Ratio Lower Upper

64 100

66 31.6 27.0 40.4





#7

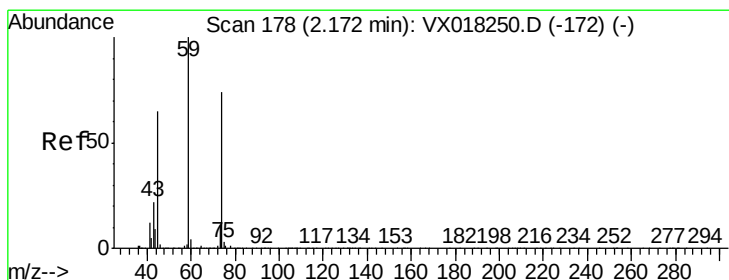
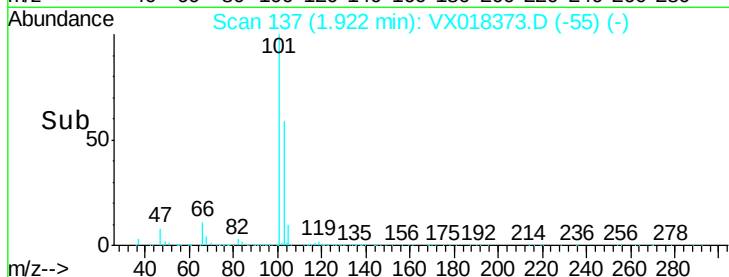
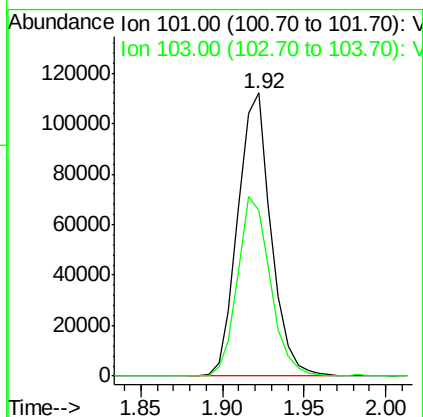
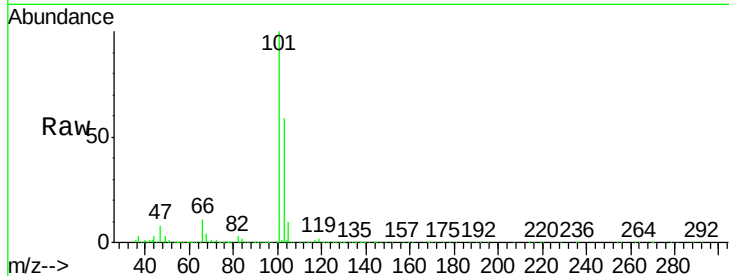
Trichlorofluoromethane
Concen: 20.327 ug/l
RT: 1.92 min Scan# 137
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.4	52.3	78.5

Manual Integrations
APPROVED

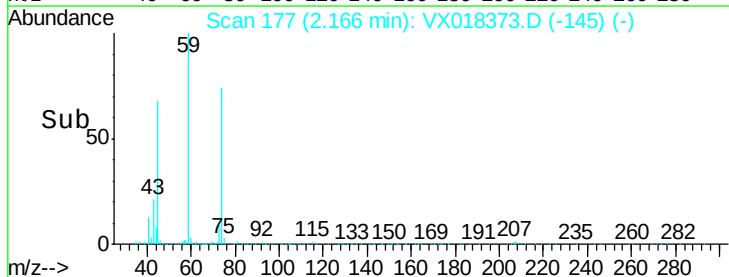
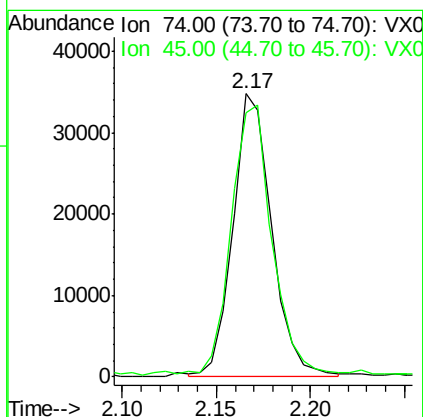
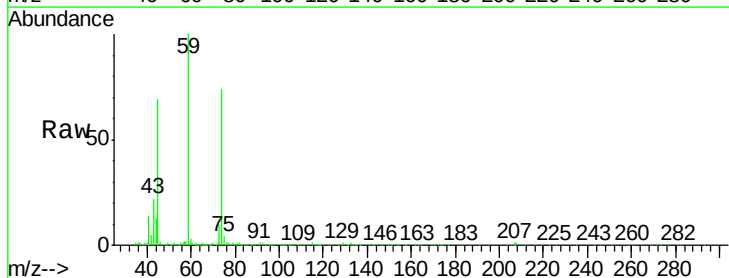
MMDadoda
9/14/2020 12:10:01 PM

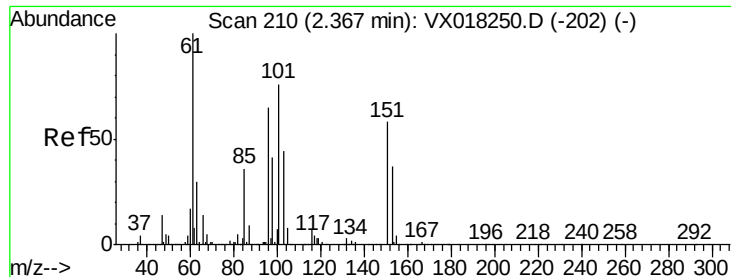


#8

Diethyl Ether
Concen: 19.933 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.092 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

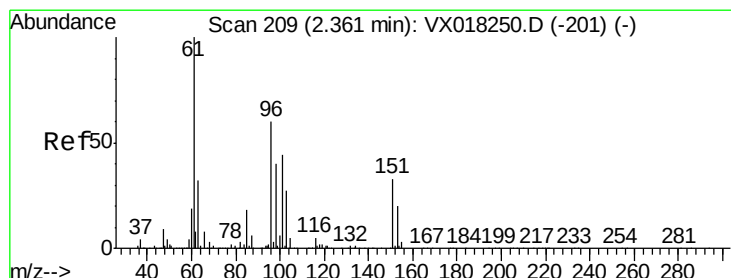
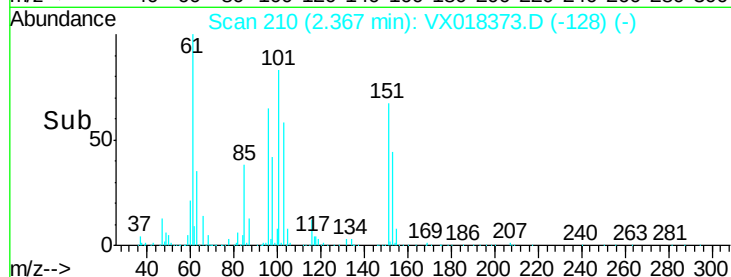
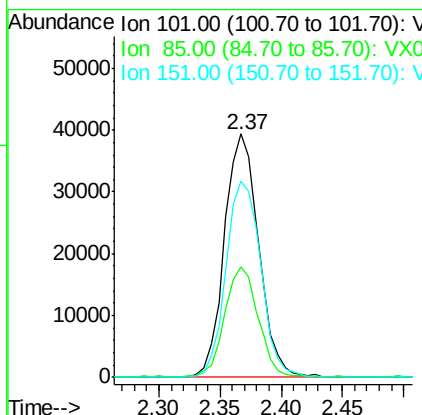
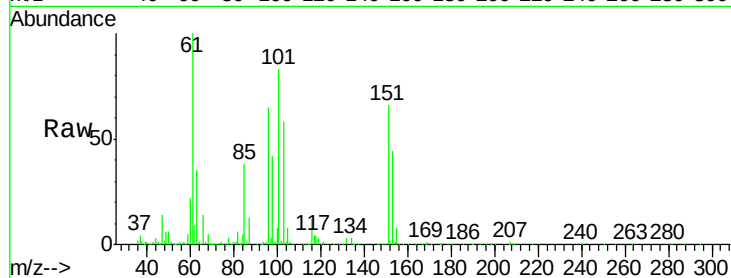
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	76382
Ion Ratio	Lower	Upper	
101	100		
85	44.6	0.0	87.8
151	81.8	0.0	161.4

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#10

1,1-Dichloroethene

Concen: 19.111 ug/l

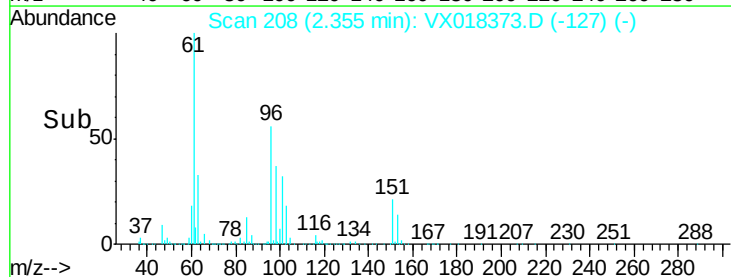
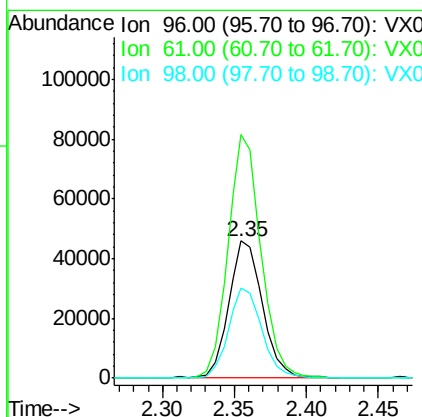
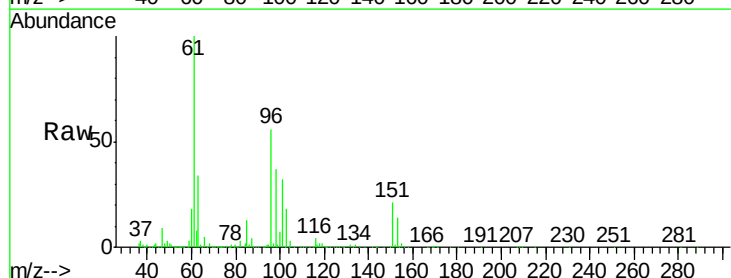
RT: 2.35 min Scan# 208

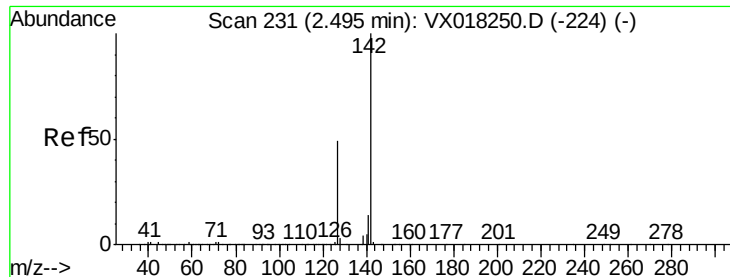
Delta R.T. -0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	96	Resp:	75055
Ion Ratio	Lower	Upper	
96	100		
61	177.7	132.5	198.7
98	65.8	52.4	78.6





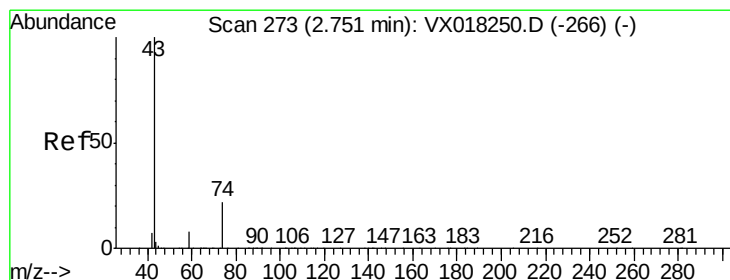
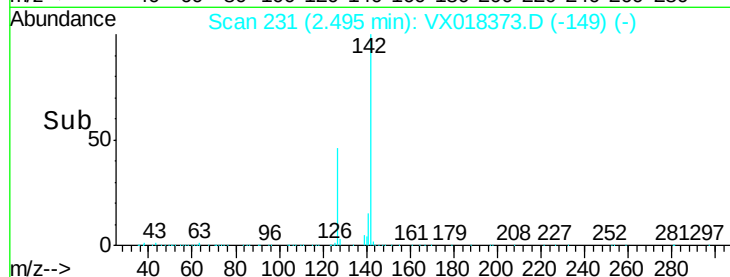
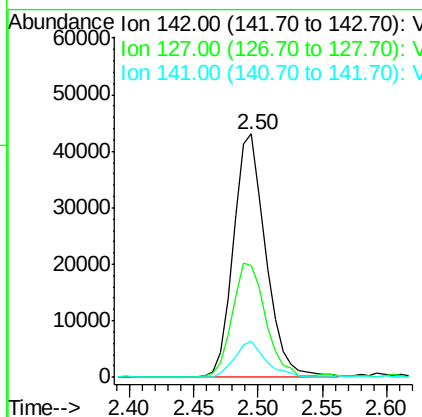
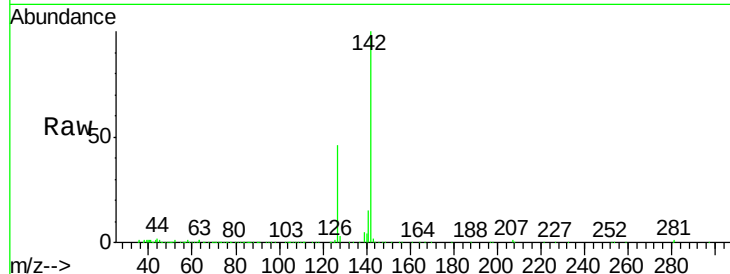
#11
Methvl Iodide
Concen: 20.226 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.7	24.6	74.0
141	14.6	7.0	21.0

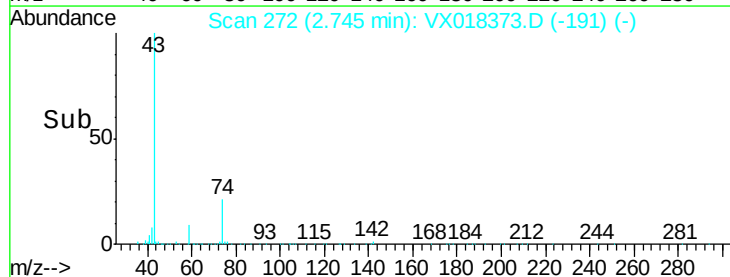
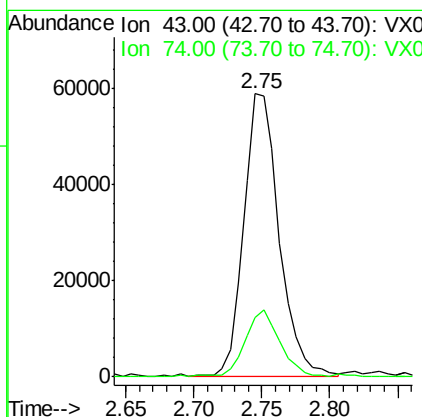
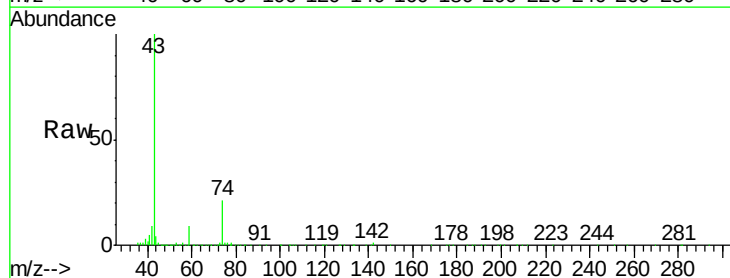
Manual Integrations
APPROVED

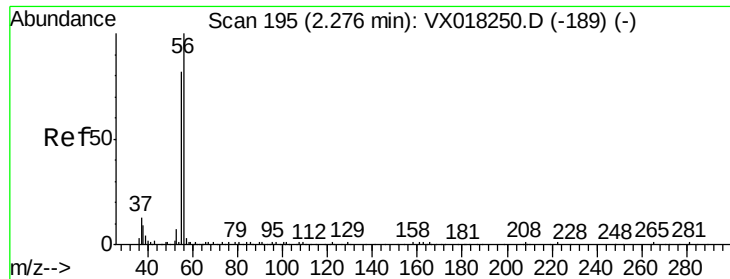
MMDadoda
9/14/2020 12:10:01 PM



#12
Methyl Acetate
Concen: 20.581 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	18.0	27.0





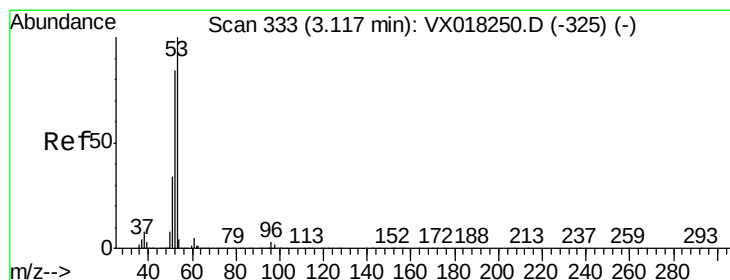
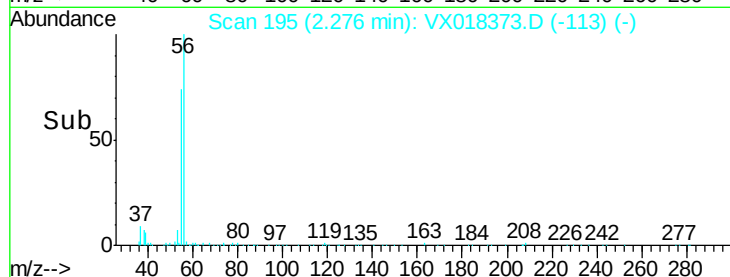
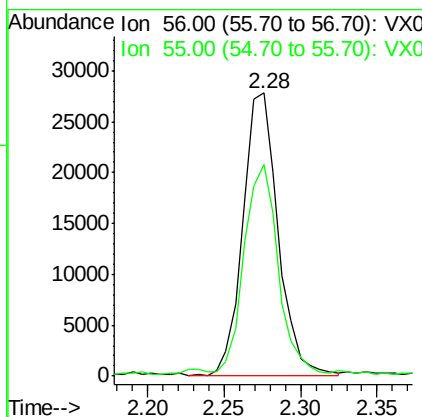
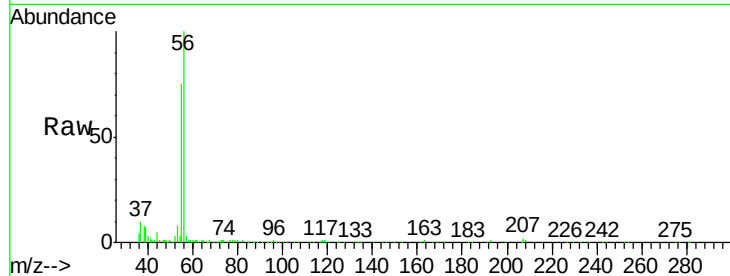
#13
Acrolein
Concen: 107.078 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.5	59.7	89.5	

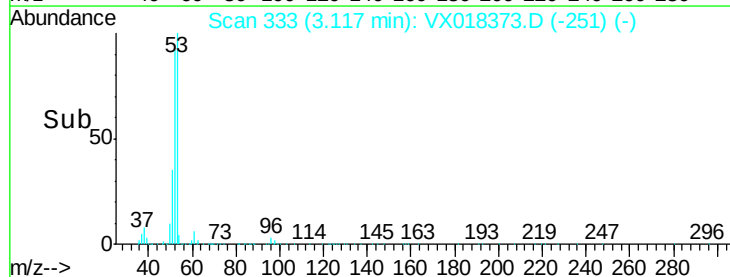
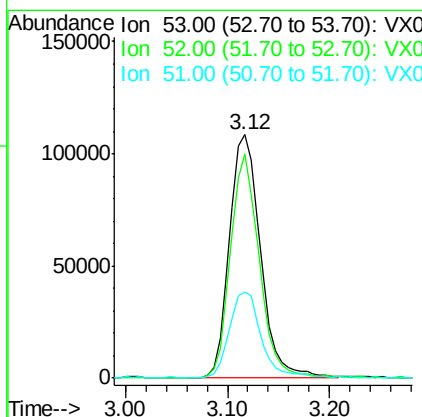
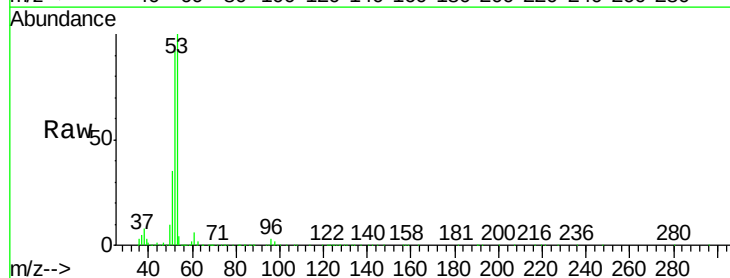
Manual Integrations
APPROVED

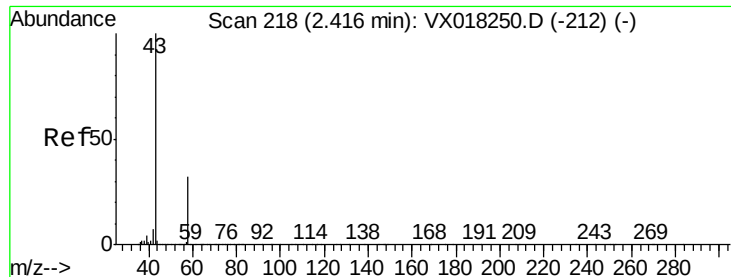
MMDadoda
9/14/2020 12:10:01 PM



#14
Acrylonitrile
Concen: 97.802 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	84.8	41.9	125.7	
51	36.0	18.3	54.8	





#15

Acetone

Concen: 96.469 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 61439

Ion Ratio Lower Upper

58 100

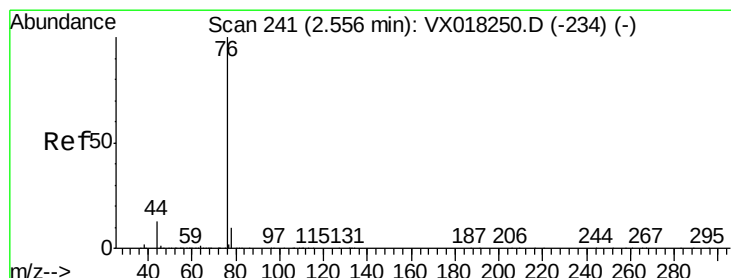
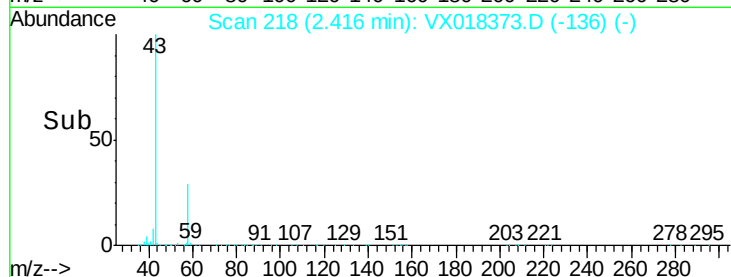
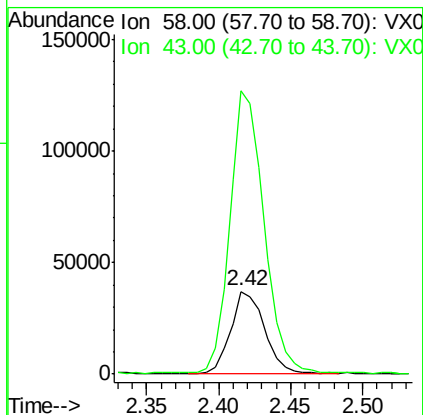
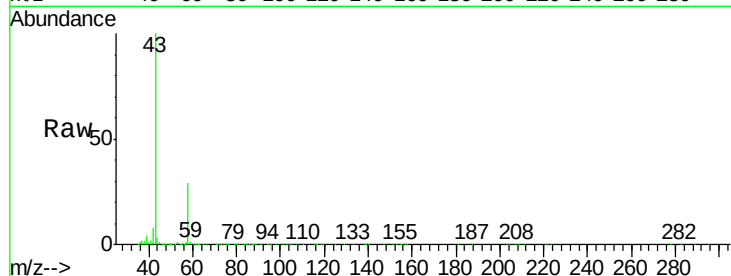
43 344.7 248.2 372.2

Manual Integrations

APPROVED

MMDadoda

9/14/2020 12:10:01 PM



#16

Carbon Disulfide

Concen: 19.002 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018373.D

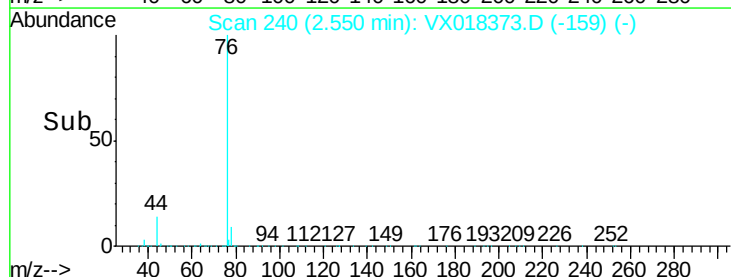
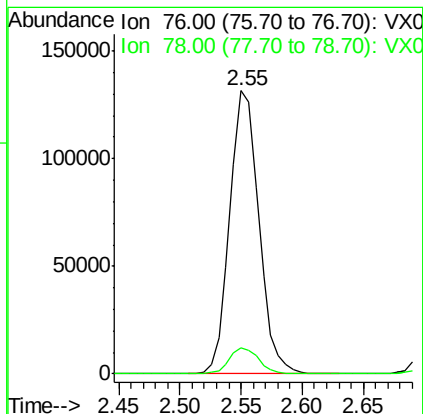
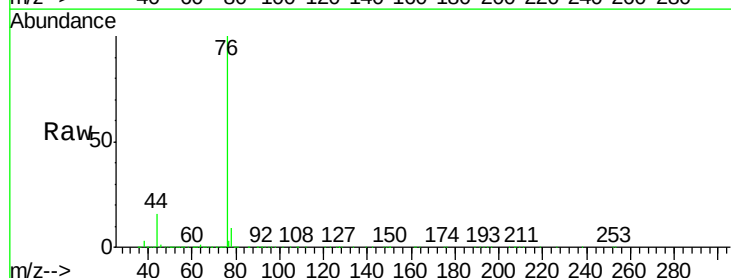
Acq: 11 Sep 2020 20:01

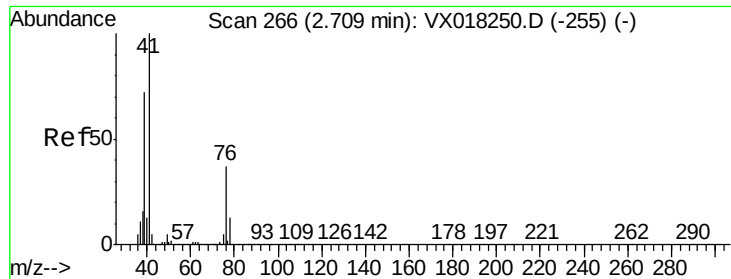
Tgt Ion: 76 Resp: 217292

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6





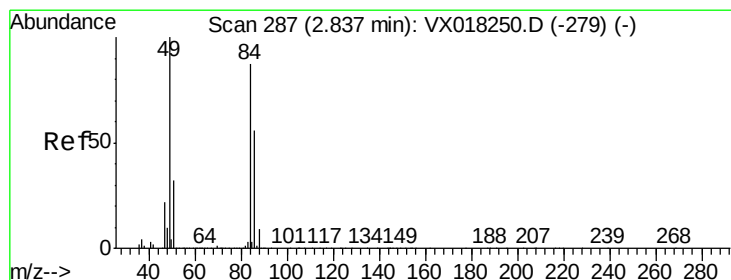
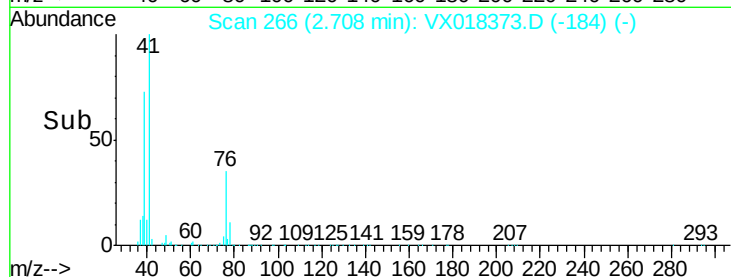
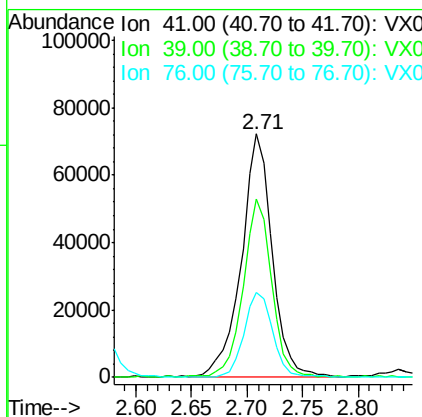
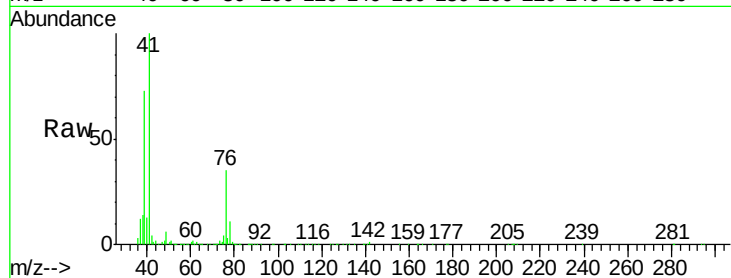
#17
Allvl chloride
Concen: 19.667 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	138052
Ion Ratio	Lower	Upper	
41	100		
39	73.0	36.0	108.1
76	35.0	18.6	55.6

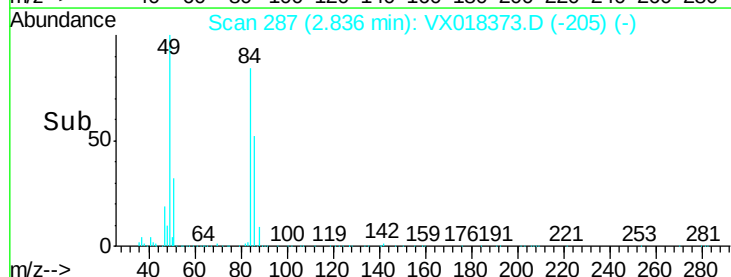
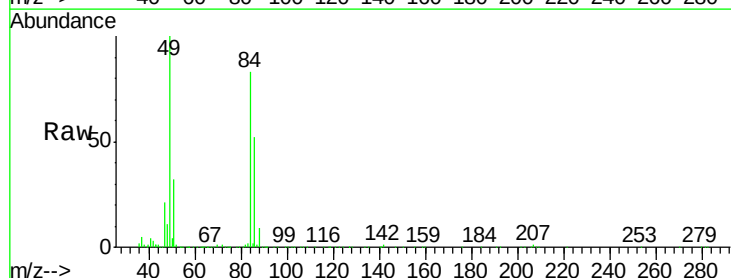
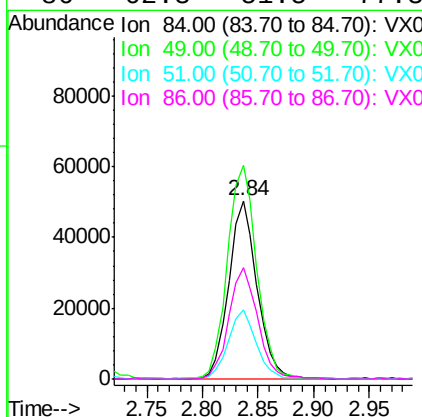
Manual Integrations
APPROVED

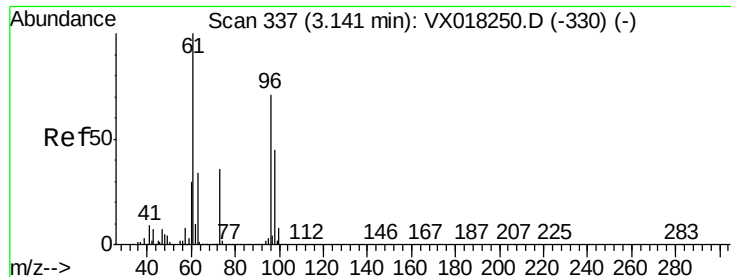
MMDadoda
9/14/2020 12:10:01 PM



#18
Methylene Chloride
Concen: 19.314 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion:	84	Resp:	89021
Ion Ratio	Lower	Upper	
84	100		
49	119.5	91.6	137.4
51	38.4	29.4	44.0
86	62.3	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 19.745 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

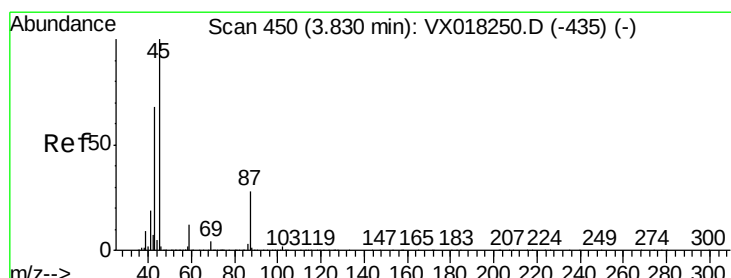
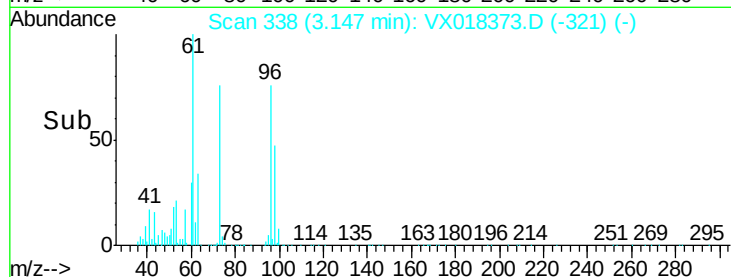
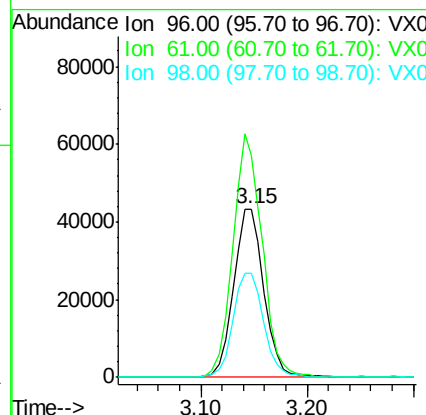
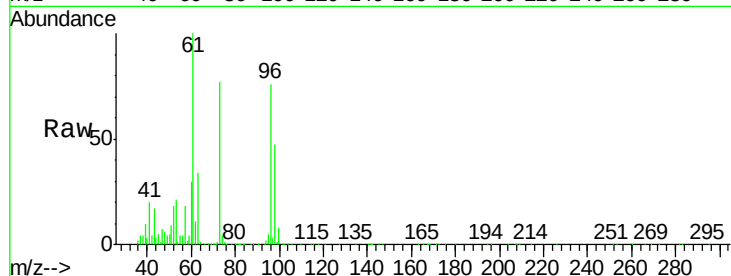
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	86092
Ion	Ratio	Lower	Upper
96	100		
61	131.5	112.8	169.2
98	61.6	51.0	76.4

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#20

Diisopropyl ether

Concen: 19.637 ug/l

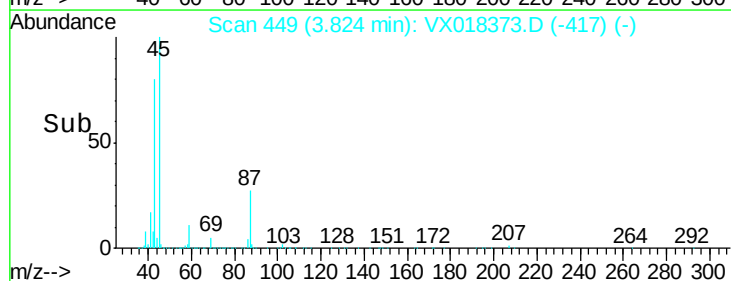
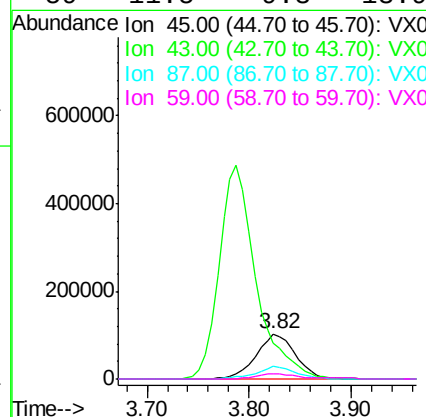
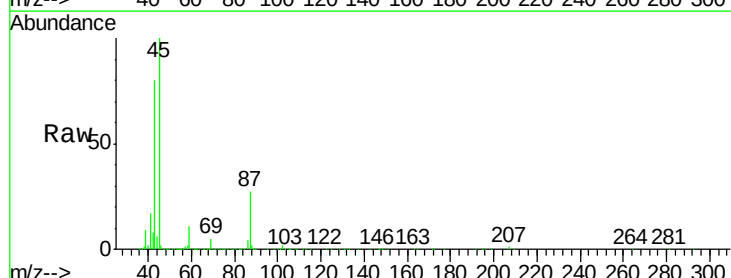
RT: 3.82 min Scan# 449

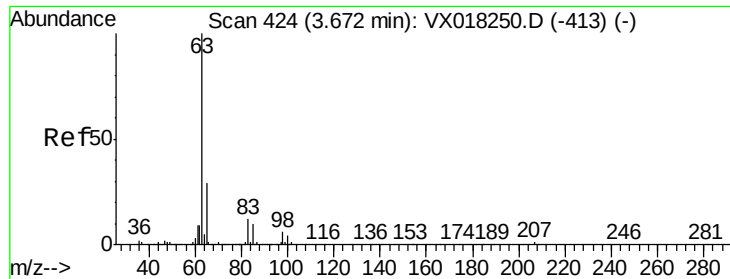
Delta R.T. -0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	45	Resp:	272878
Ion	Ratio	Lower	Upper
45	100		
43	78.4	54.5	81.7
87	27.2	22.2	33.2
59	11.5	9.3	13.9





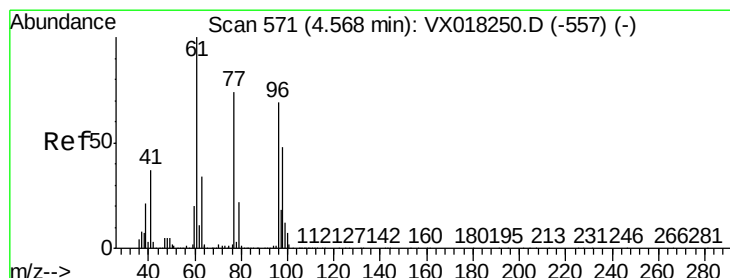
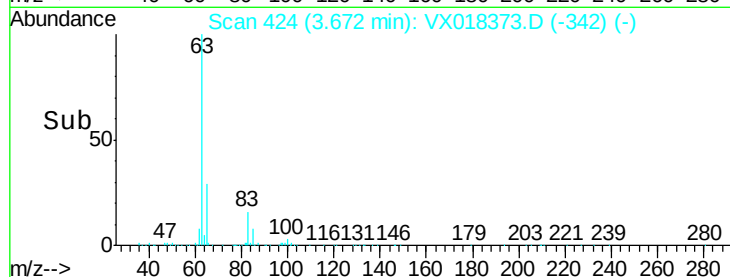
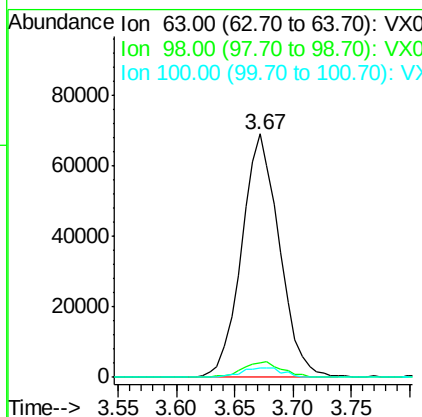
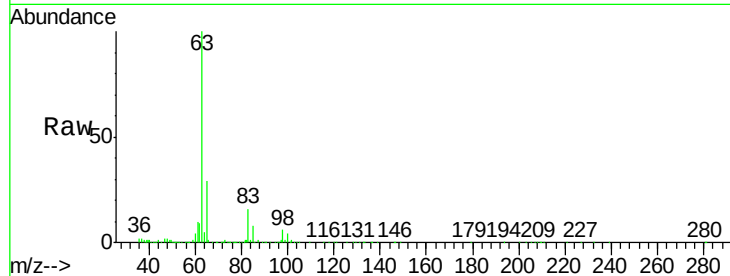
#21
1,1-Dichloroethane
Concen: 19.530 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.7	3.2	9.6	
100	3.9	2.1	6.3	

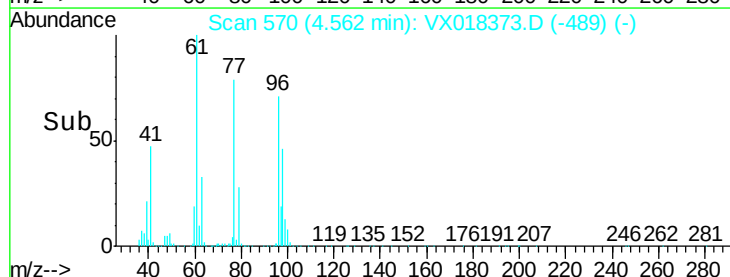
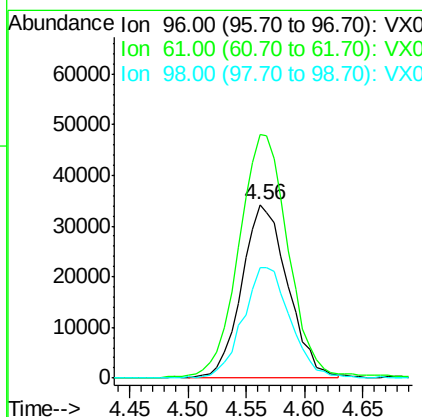
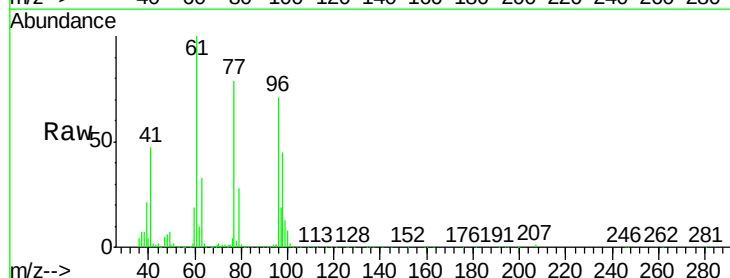
Manual Integrations
APPROVED

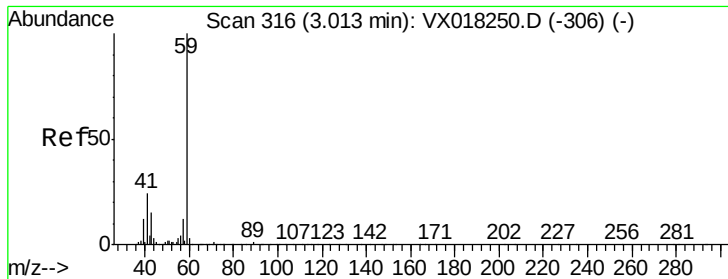
MMDadoda
9/14/2020 12:10:01 PM



#22
cis-1,2-Dichloroethene
Concen: 19.454 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.4	116.2	174.4	
98	65.3	52.5	78.7	





#23

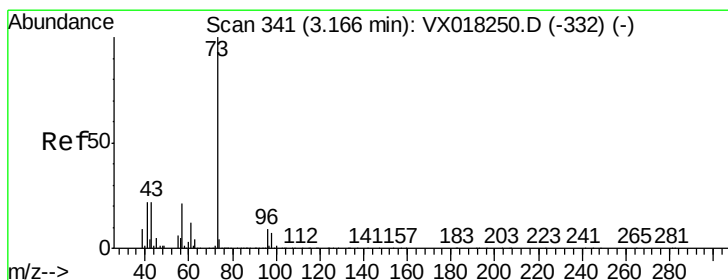
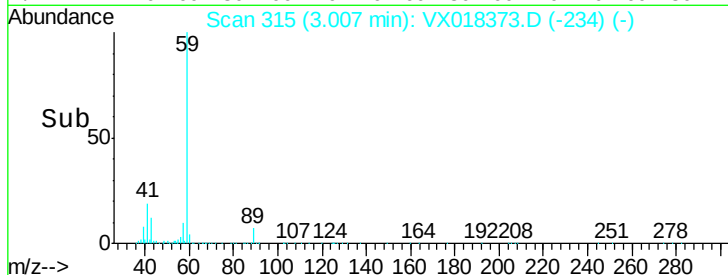
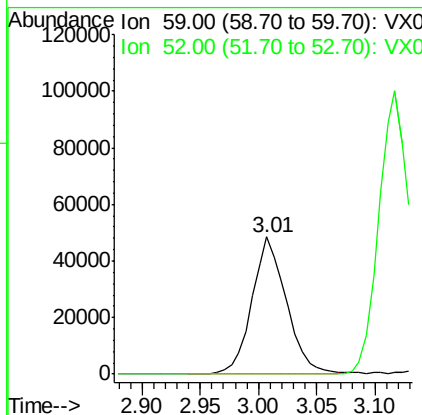
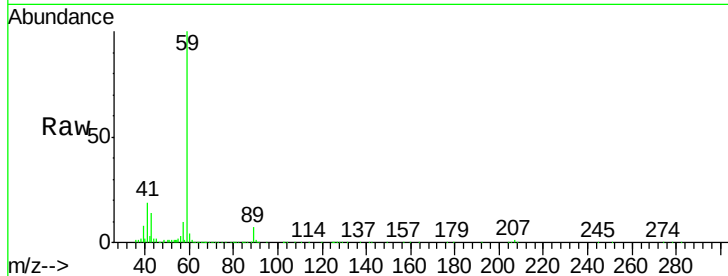
tert-Butyl Alcohol
Concen: 98.693 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.4	0.6#

Manual Integrations
APPROVED

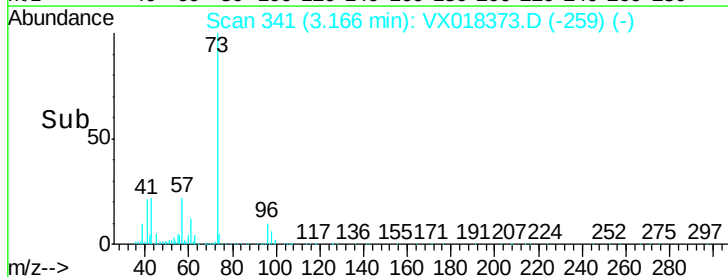
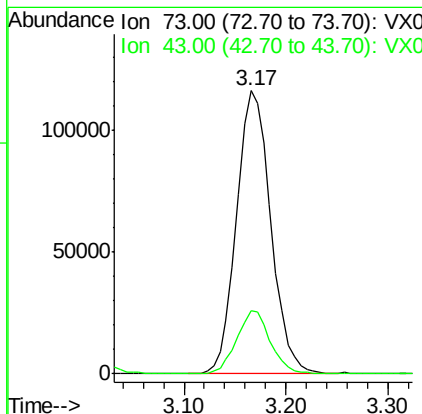
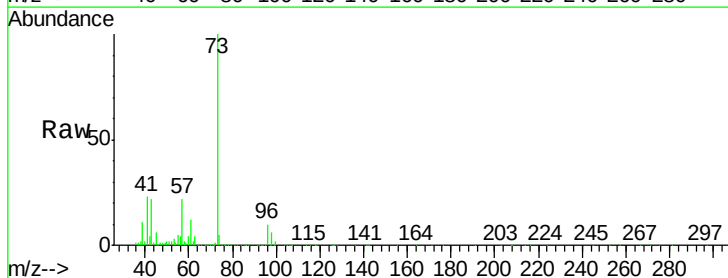
MMDadoda
9/14/2020 12:10:01 PM

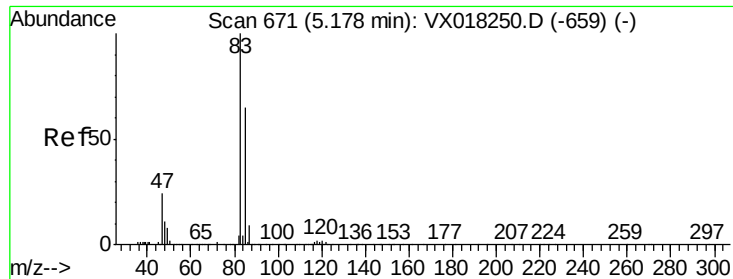


#24

Methyl tert-Butyl Ether
Concen: 19.418 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.6	17.8	26.6





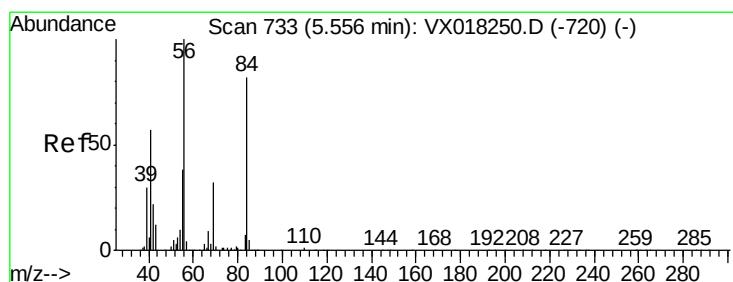
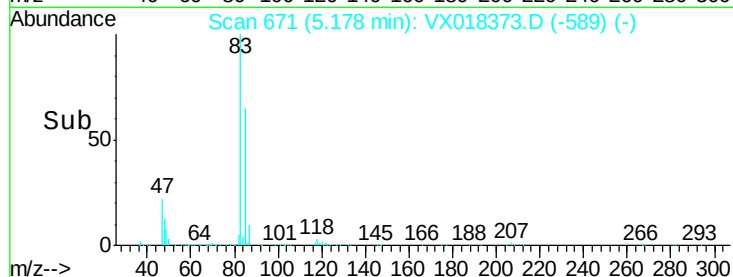
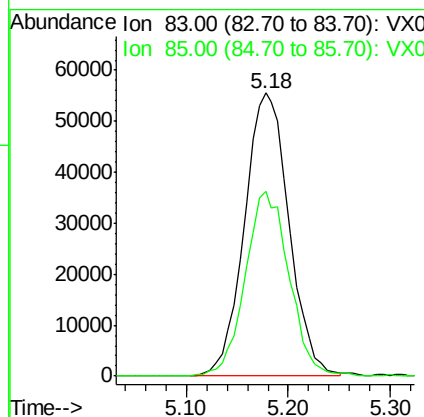
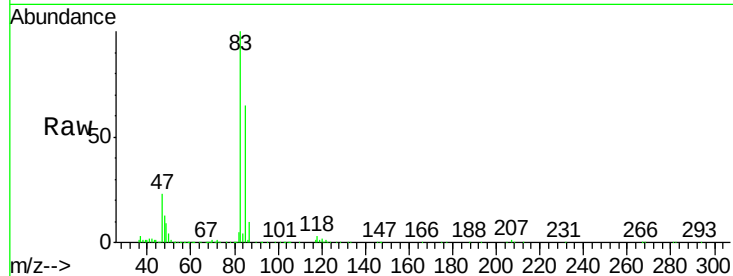
#25
Chloroform
Concen: 19.764 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	168246
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	51.6	77.4

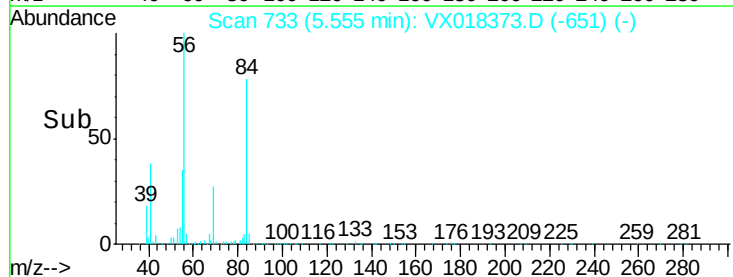
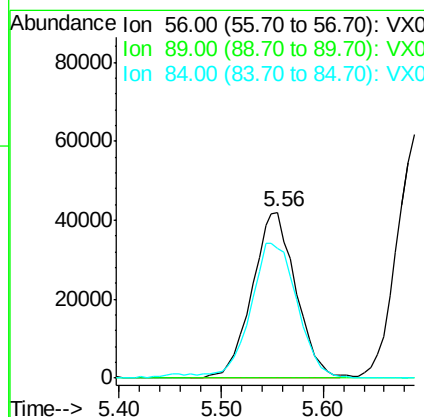
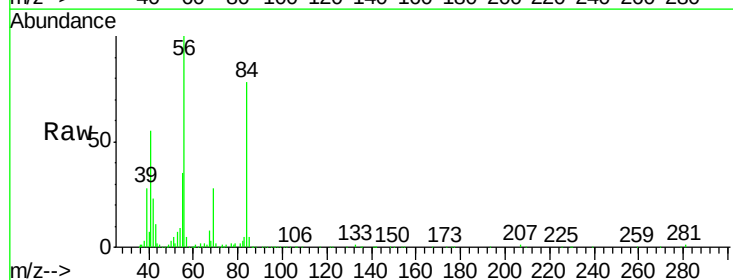
Manual Integrations
APPROVED

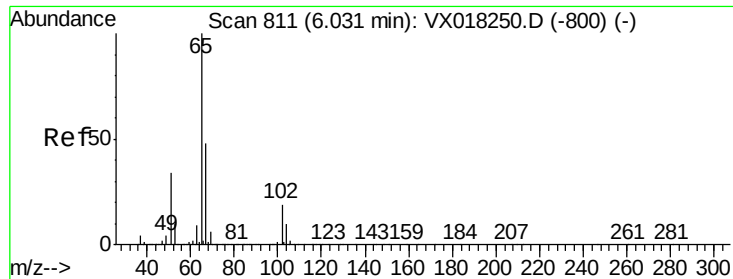
MMDadoda
9/14/2020 12:10:01 PM



#26
Cyclohexane
Concen: 19.381 ug/l
RT: 5.56 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	56	Resp	124780
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.1	0.1#
84	86.2	41.0	61.4#





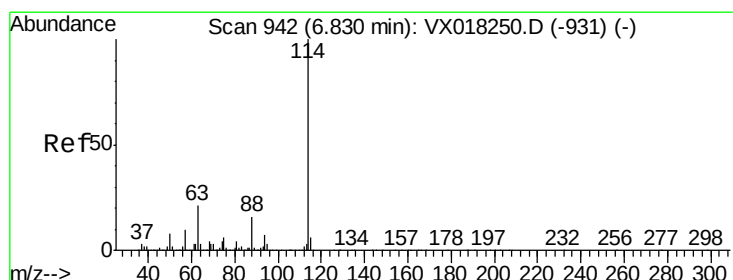
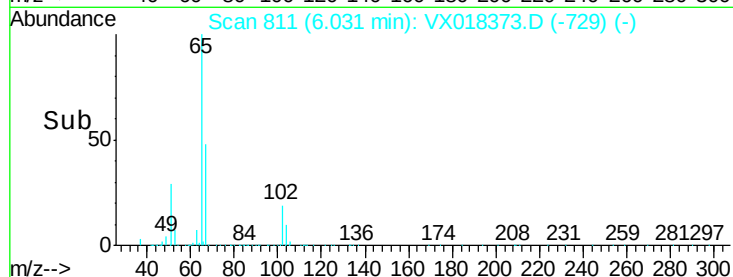
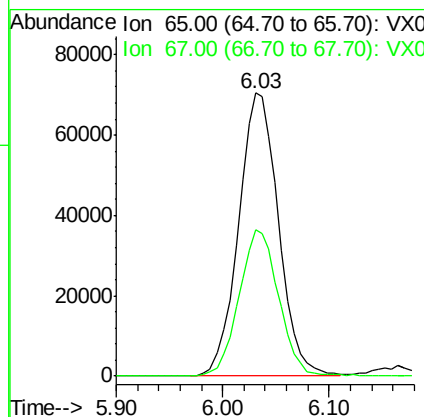
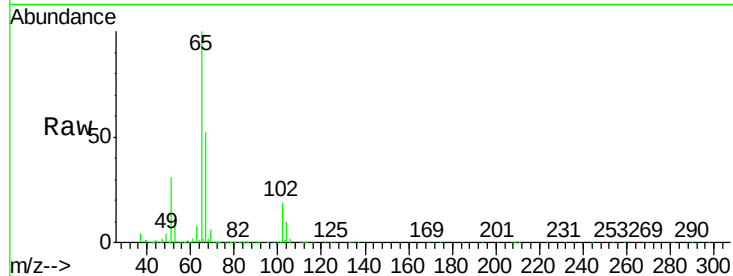
#27
 1,2-Dichloroethane-d4
 Concen: 29.987 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	39.9	59.9

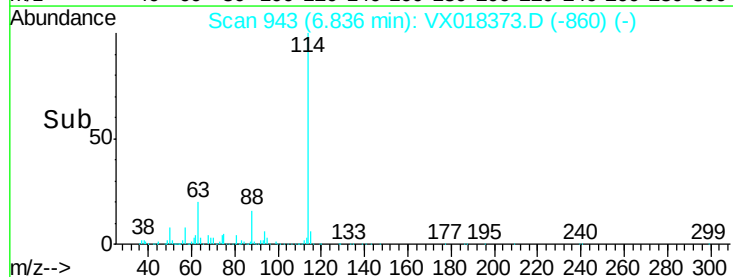
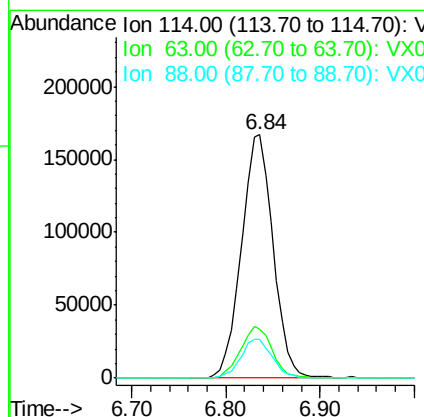
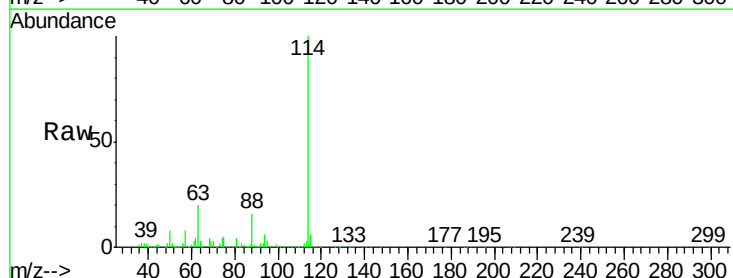
Manual Integrations
 APPROVED

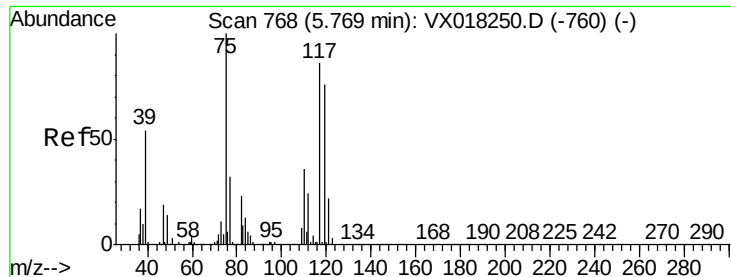
MMDadoda
 9/14/2020 12:10:01 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	16.7	25.1
88	15.9	12.6	18.8





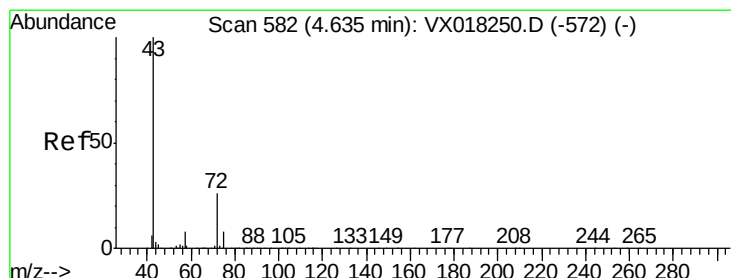
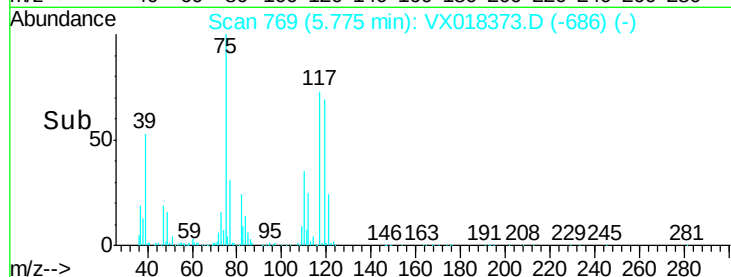
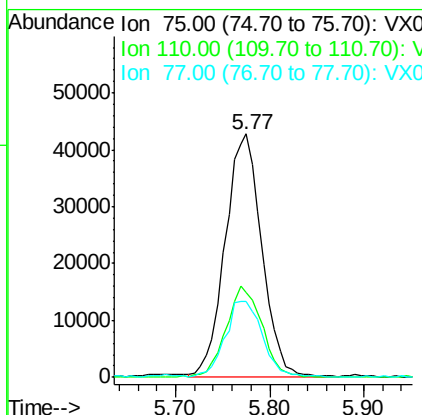
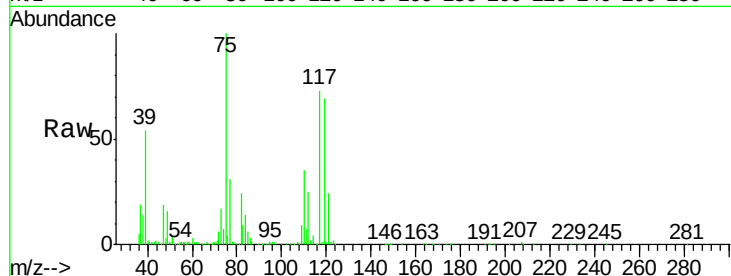
#29
 1,1-Dichloropropene
 Concen: 19.275 ug/l
 RT: 5.77 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	75	Resp:	116016
Ion Ratio		Lower	Upper
75	100		
110	36.6	0.0	72.2
77	31.9	0.0	61.0

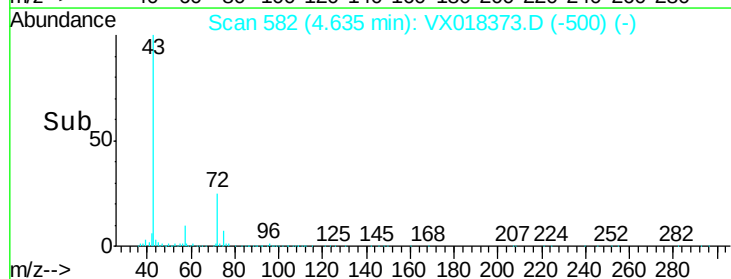
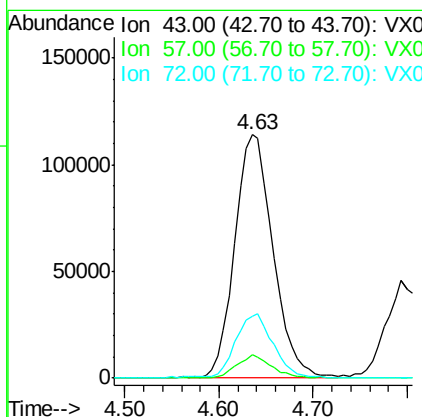
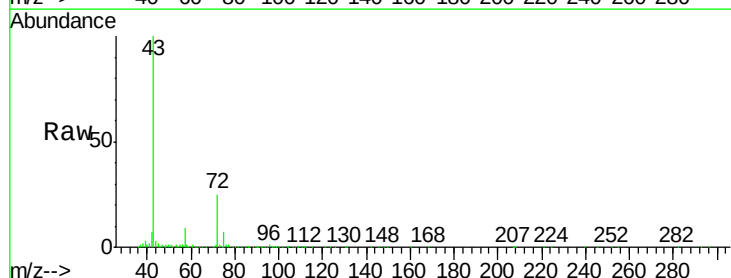
Manual Integrations
 APPROVED

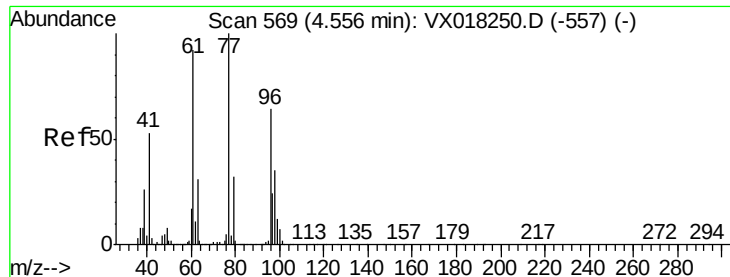
MMDadoda
 9/14/2020 12:10:01 PM



#30
 2-Butanone
 Concen: 97.758 ug/l
 RT: 4.63 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion:	43	Resp:	322187
Ion Ratio		Lower	Upper
43	100		
57	8.6	6.7	10.1
72	25.2	20.0	30.0





#31

2,2-Dichloropropane

Concen: 17.729 ug/l m

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 128902

Ion Ratio Lower Upper

77 100

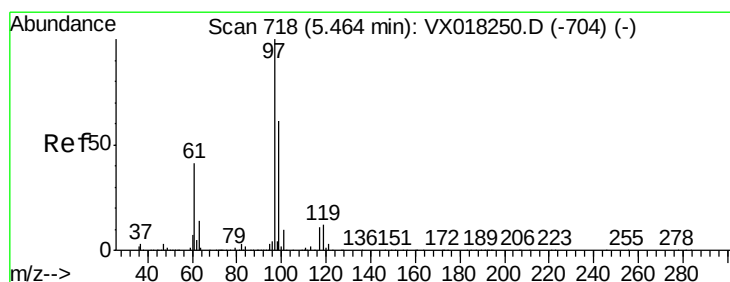
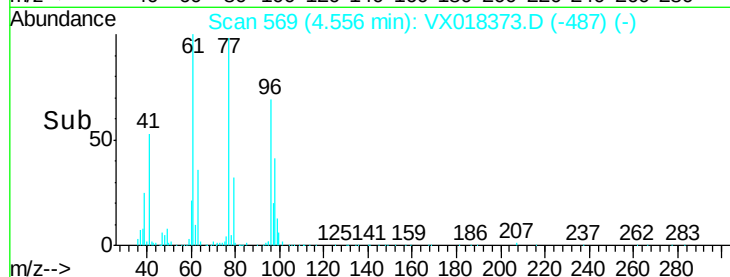
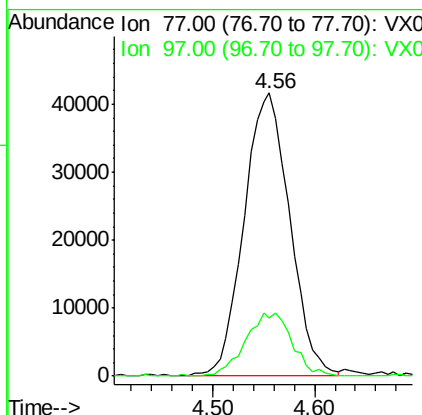
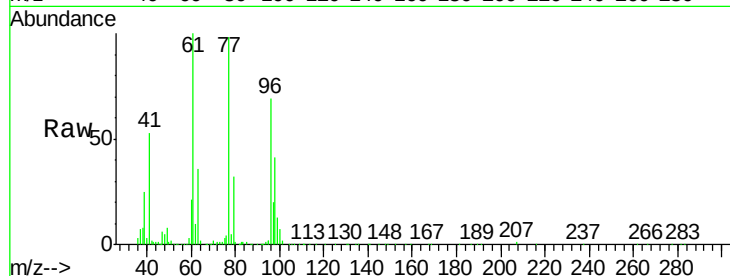
97 0.1 18.1 27.1#

Manual Integrations

APPROVED

MMDadoda

9/14/2020 12:10:01 PM



#32

1,1,1-Trichloroethane

Concen: 20.005 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

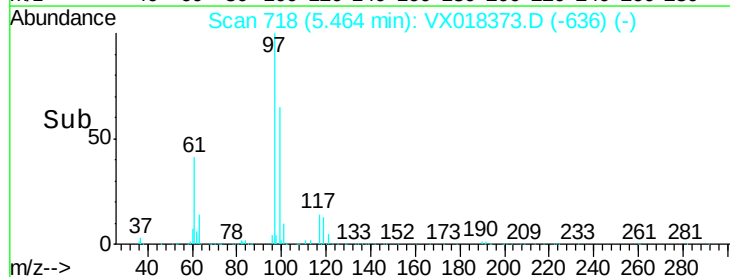
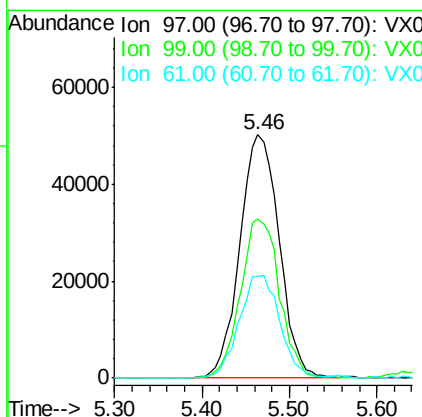
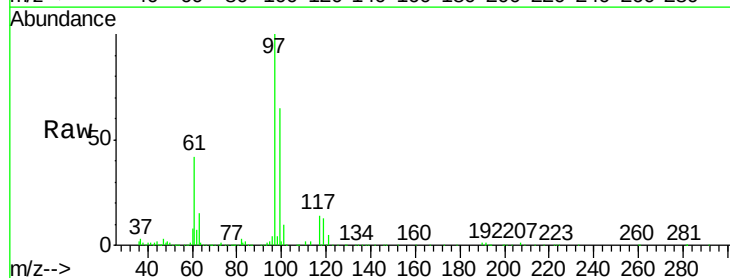
Tgt Ion: 97 Resp: 157609

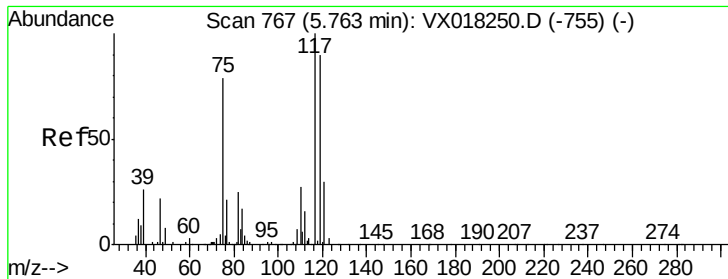
Ion Ratio Lower Upper

97 100

99 64.8 50.7 76.1

61 43.5 34.5 51.7





#33

Carbon Tetrachloride

Concen: 19.825 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

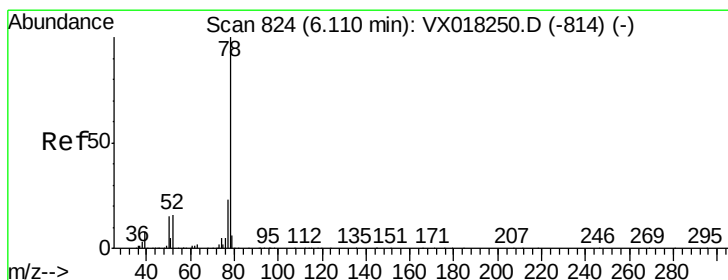
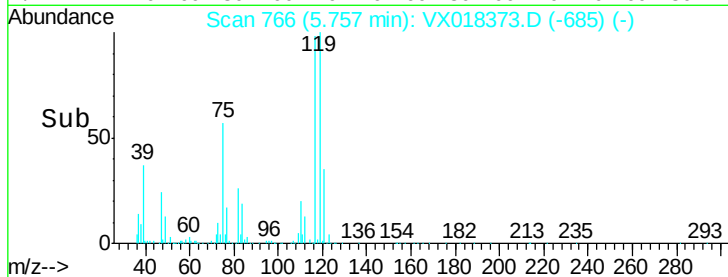
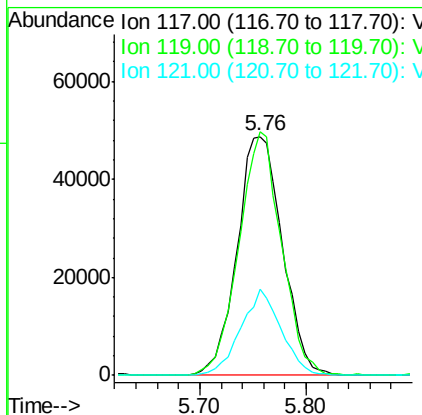
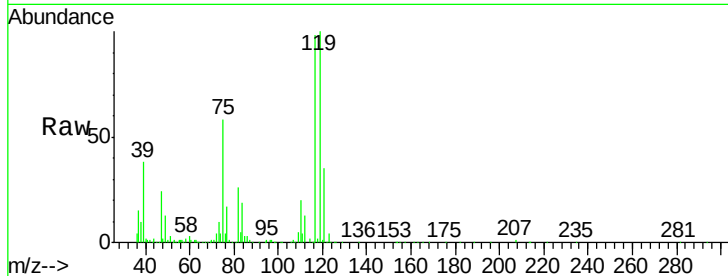
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	145546
Ion Ratio	Lower	Upper	
117	100		
119	101.6	72.3	108.5
121	35.9	24.1	36.1

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#34

Benzene

Concen: 19.873 ug/l

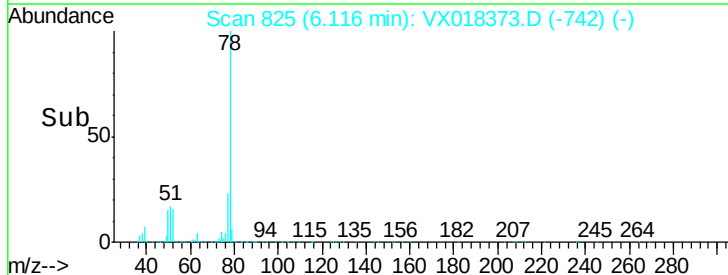
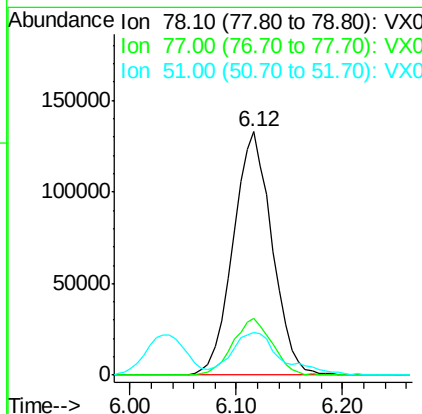
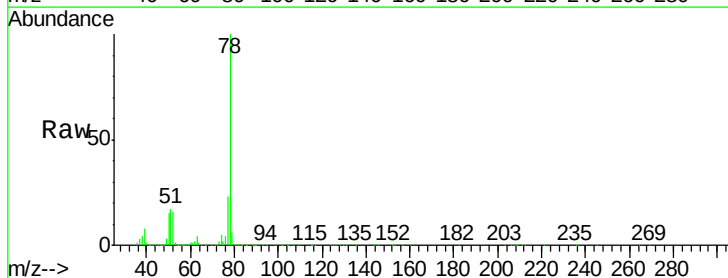
RT: 6.12 min Scan# 825

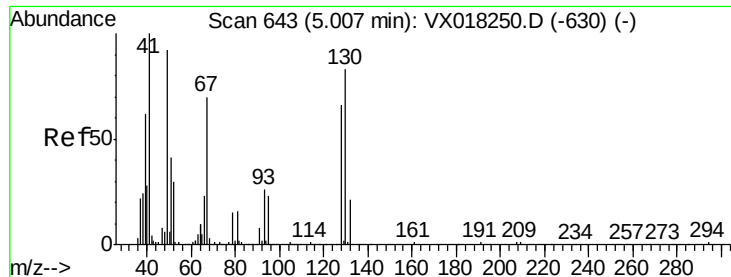
Delta R.T. 0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	78	Resp:	341462
Ion Ratio	Lower	Upper	
78	100		
77	22.9	18.3	27.5
51	16.3	11.3	16.9





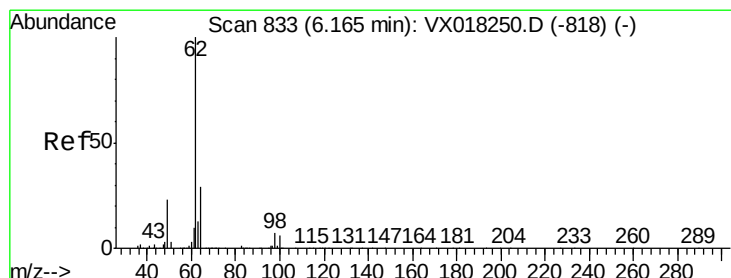
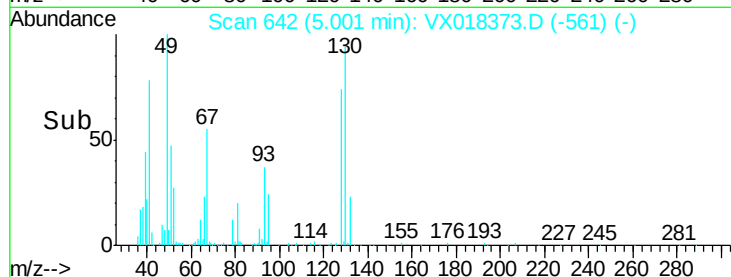
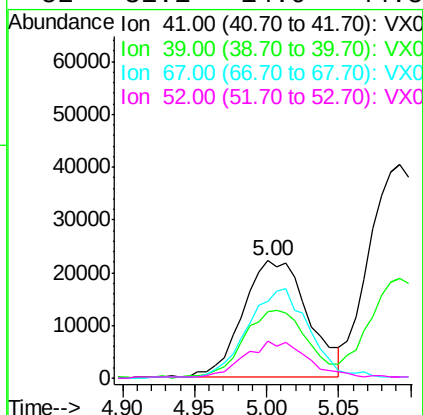
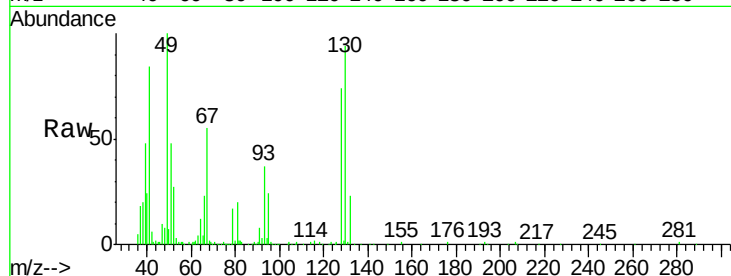
#35
Methacrylonitrile
Concen: 19.987 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	31.3	93.9	
67	65.8	35.4	106.2	
52	31.1	14.9	44.5	

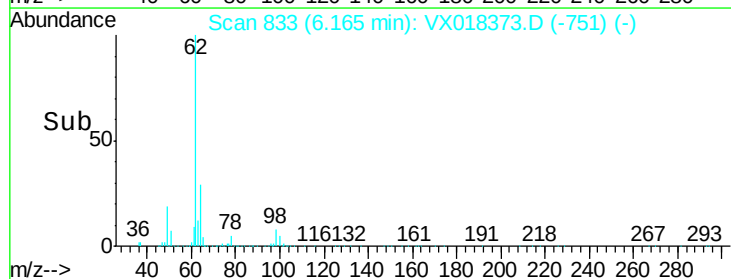
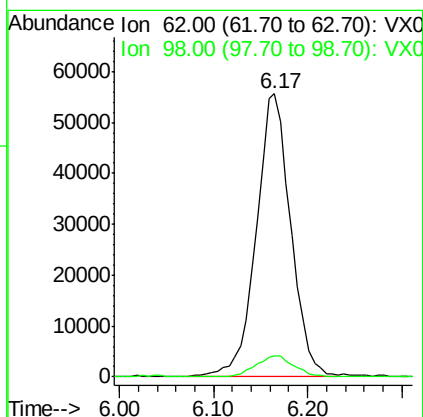
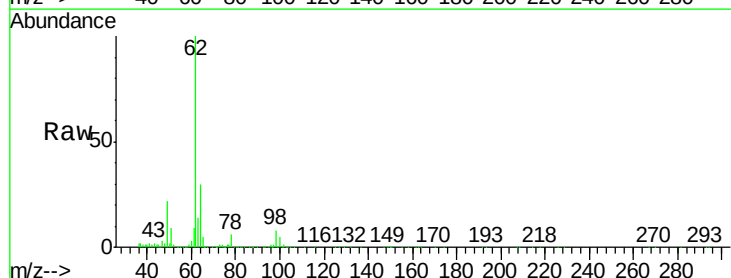
Manual Integrations
APPROVED

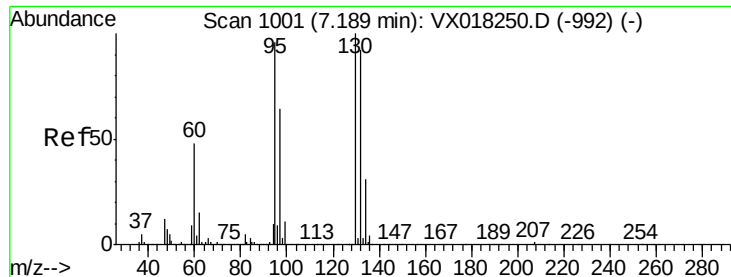
MMDadoda
9/14/2020 12:10:01 PM



#36
1,2-Dichloroethane
Concen: 19.998 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

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





#37

Trichloroethene

Concen: 19.314 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 95957

Ion Ratio Lower Upper

130 100

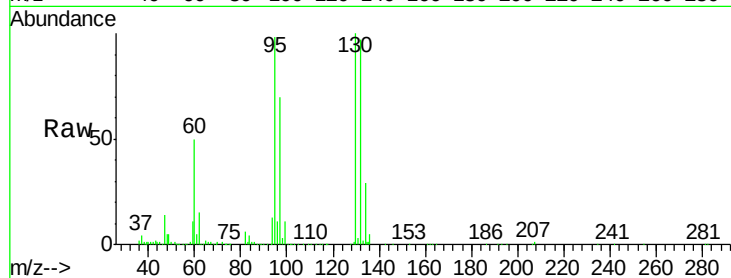
95 97.7 76.9 115.3

Manual Integrations

APPROVED

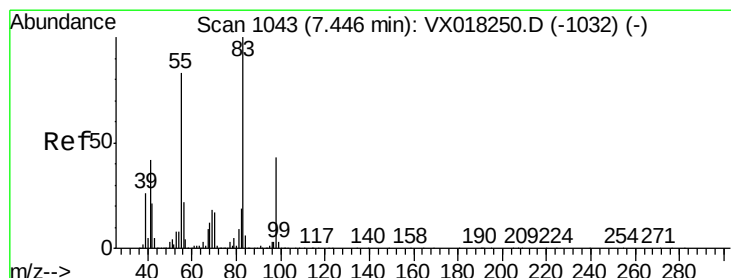
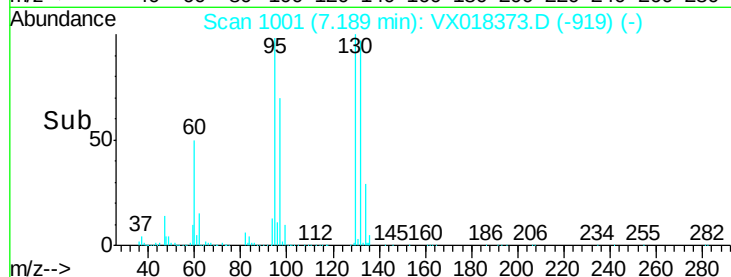
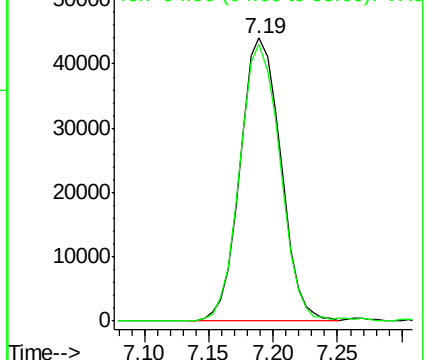
MMDadoda

9/14/2020 12:10:01 PM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.616 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

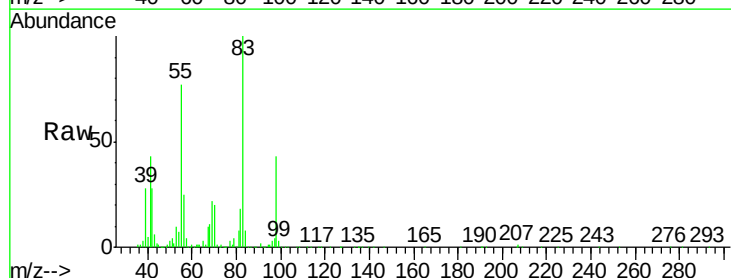
Tgt Ion: 83 Resp: 119356

Ion Ratio Lower Upper

83 100

55 81.5 41.1 123.4

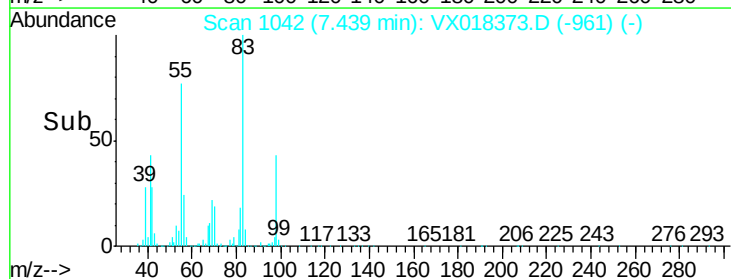
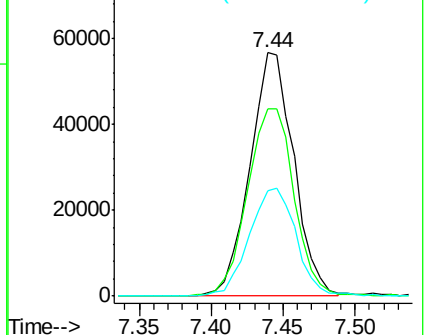
98 47.4 24.0 72.0

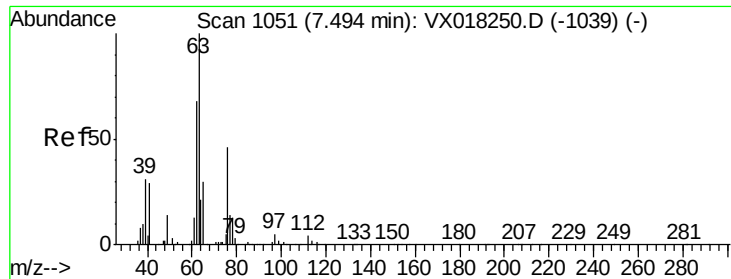


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





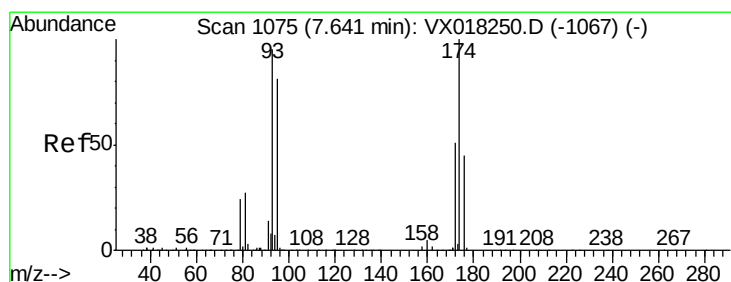
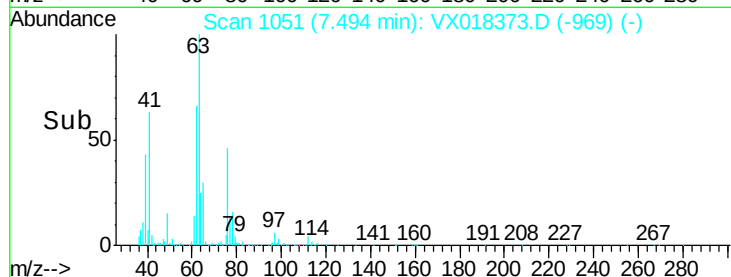
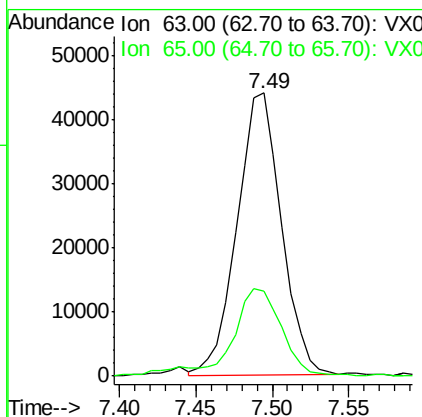
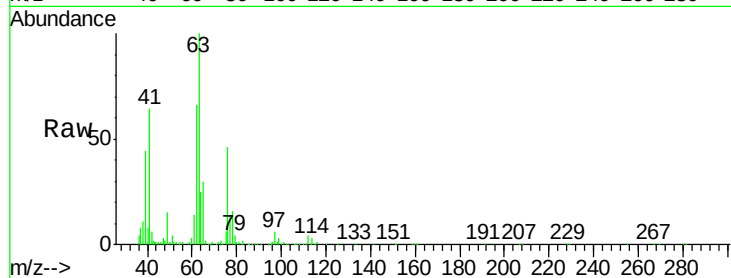
#39
 1,2-Dichloropropane
 Concen: 19.261 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	25.7	38.5

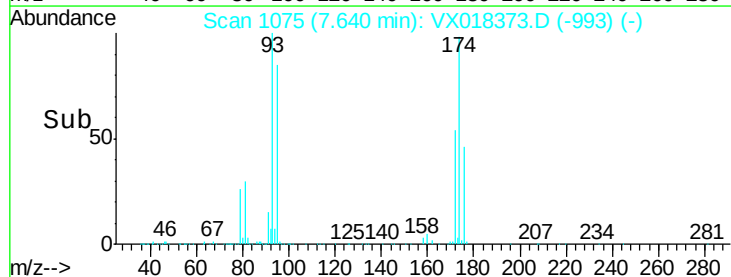
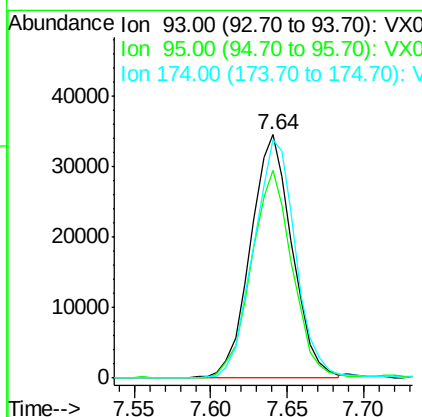
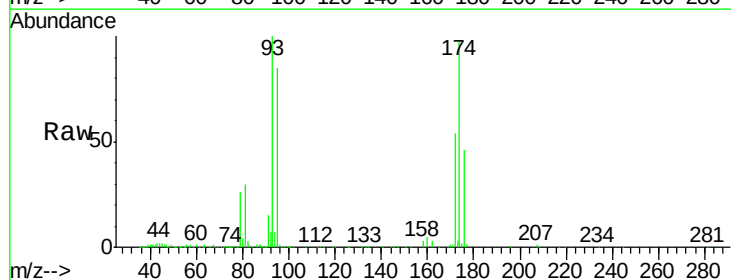
Manual Integrations
 APPROVED

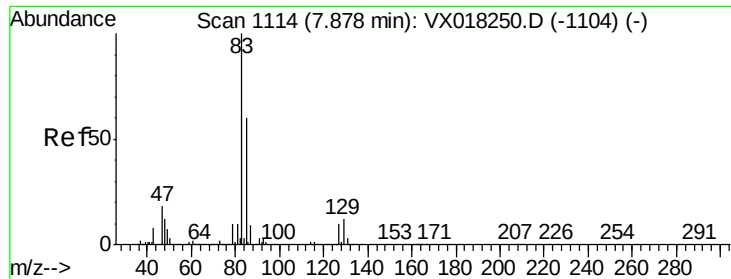
MMDadoda
 9/14/2020 12:10:01 PM



#40
 Dibromomethane
 Concen: 19.650 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	0.0	167.0
174	99.2	0.0	202.0





#41

Bromodichloromethane

Concen: 19.564 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

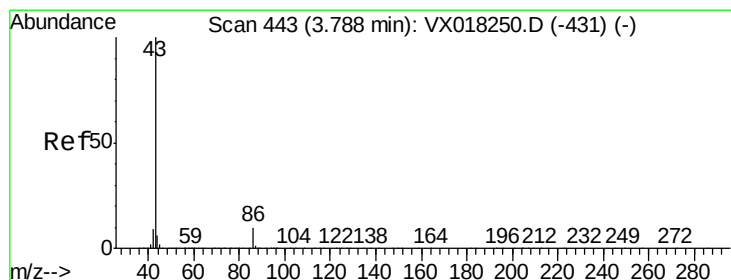
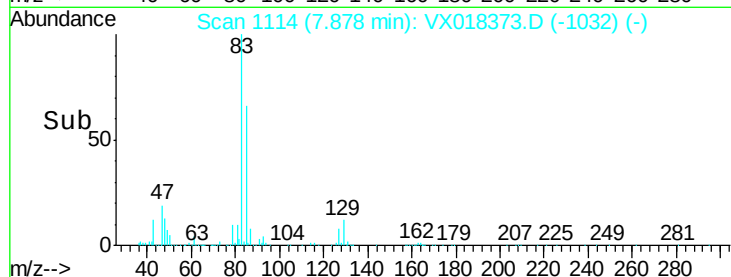
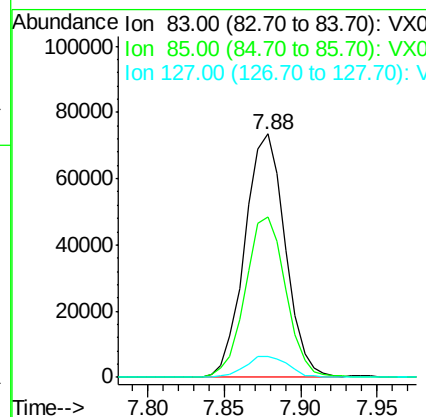
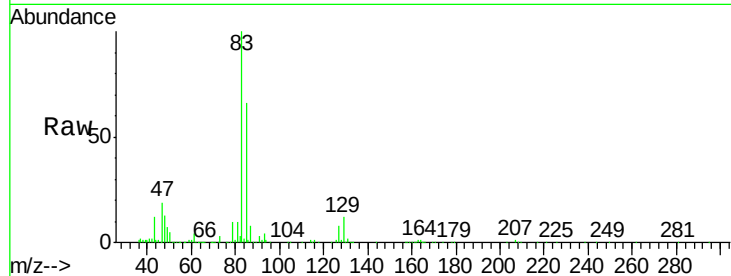
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	134748
Ion Ratio	Lower	Upper	
83	100		
85	65.6	48.2	72.2
127	8.4	8.0	12.0

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#42

Vinyl Acetate

Concen: 99.961 ug/l

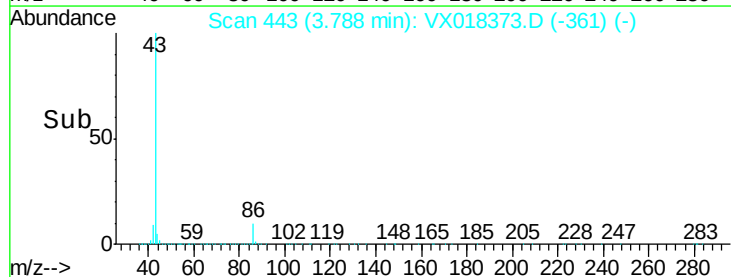
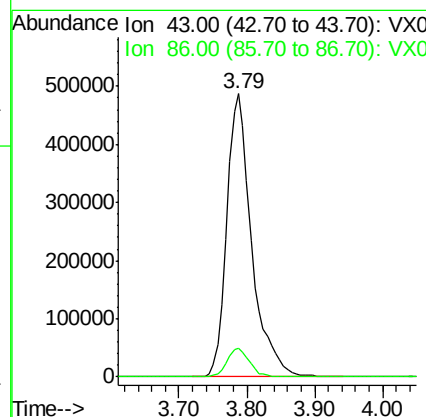
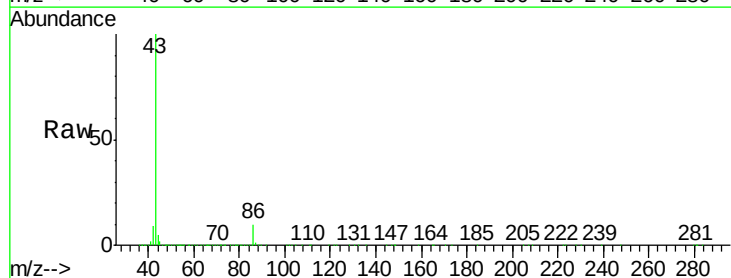
RT: 3.79 min Scan# 443

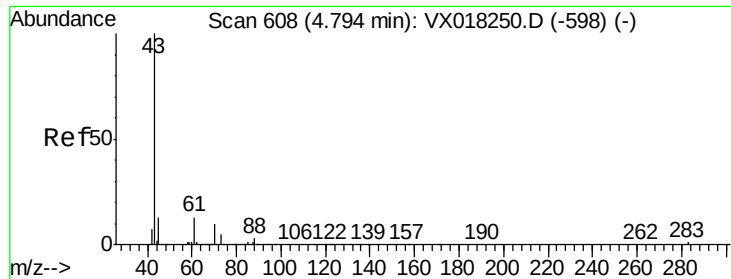
Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	43	Resp:	1229135
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.2	10.8





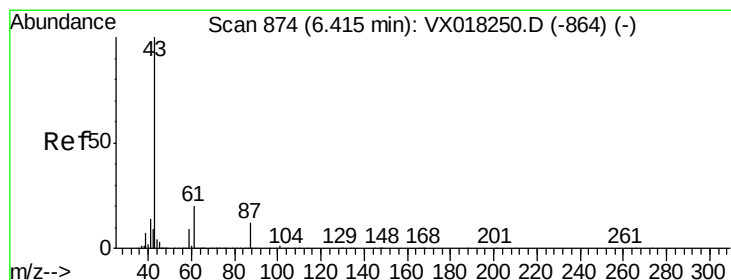
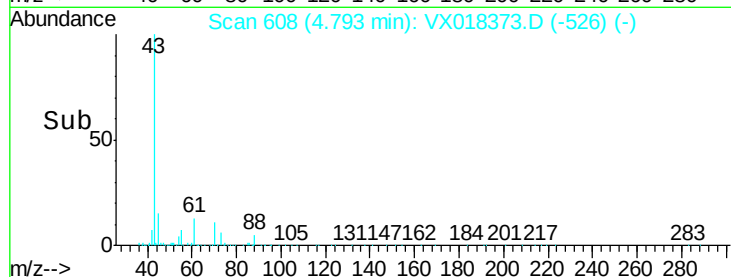
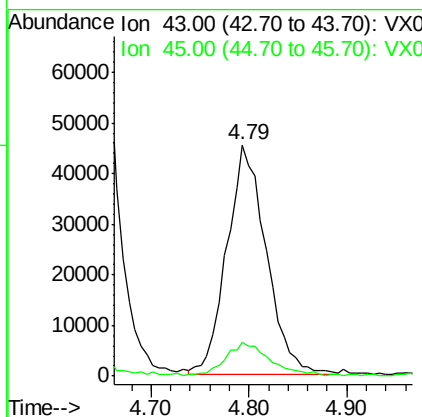
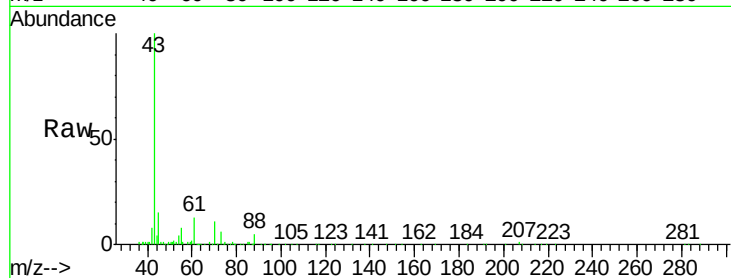
#43
Ethyl Acetate
Concen: 19.459 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	127526
Ion Ratio	100	Lower	Upper
43	100		
45	15.6	11.2	16.8

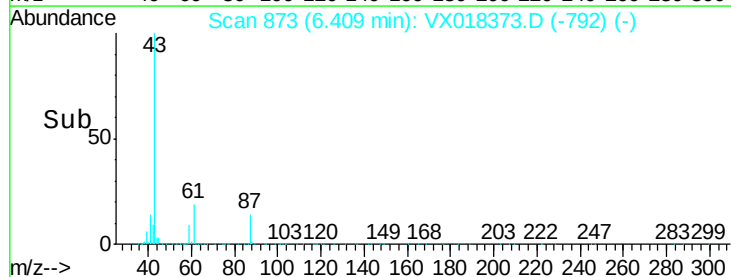
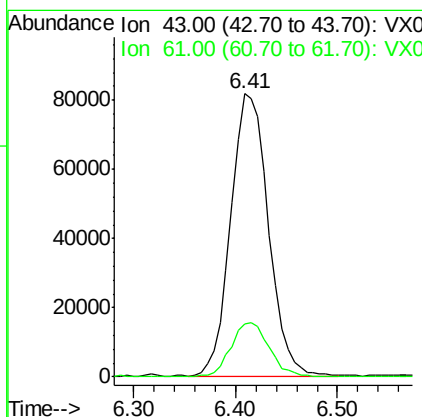
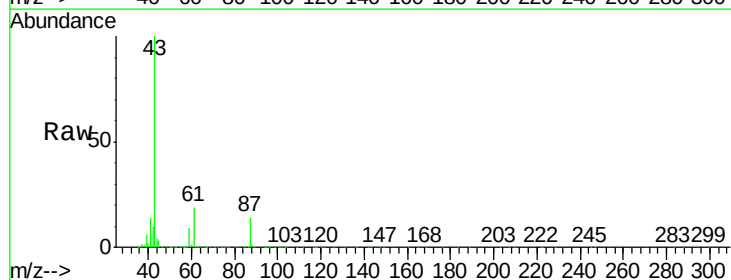
Manual Integrations
APPROVED

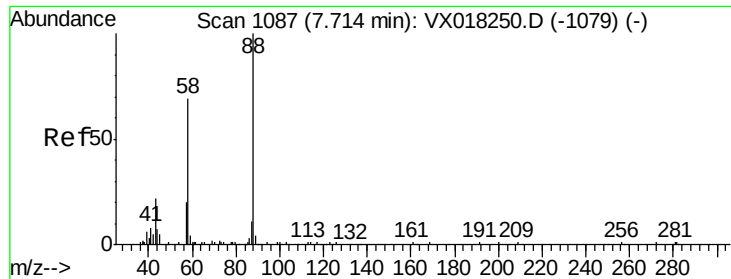
MMDadoda
9/14/2020 12:10:01 PM



#44
Isopropyl Acetate
Concen: 19.801 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	43	Resp	209130
Ion Ratio	100	Lower	Upper
43	100		
61	19.7	14.6	22.0





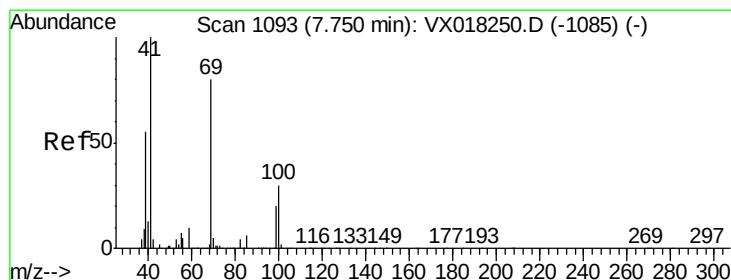
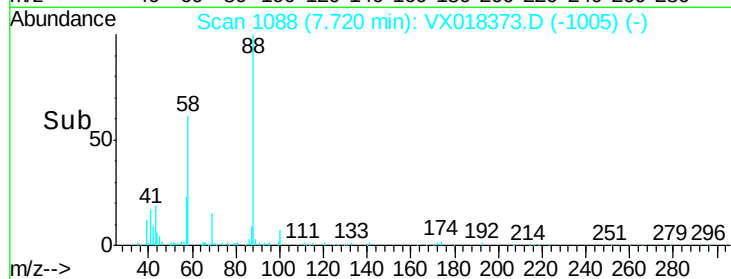
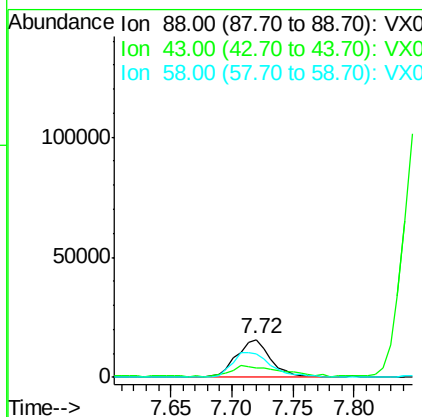
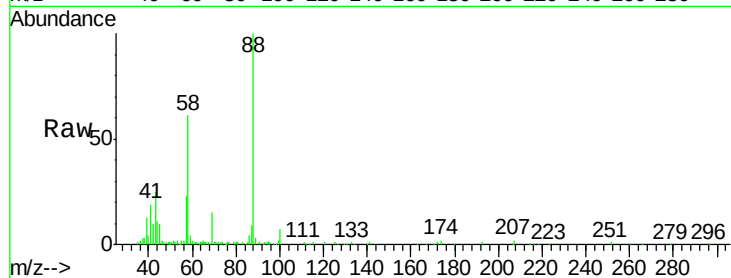
#45
 1,4-Dioxane
 Concen: 353.192 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.0	13.6	20.4#
58	74.2	58.2	87.4

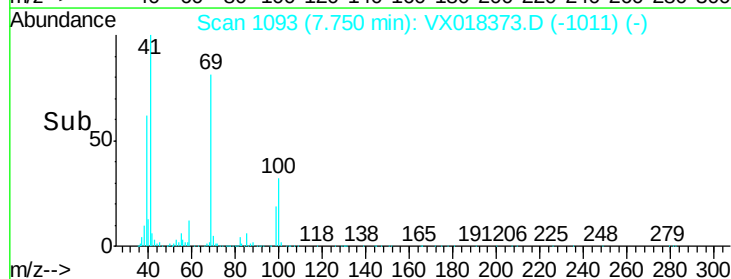
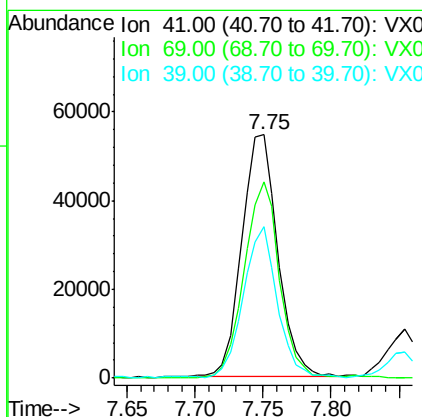
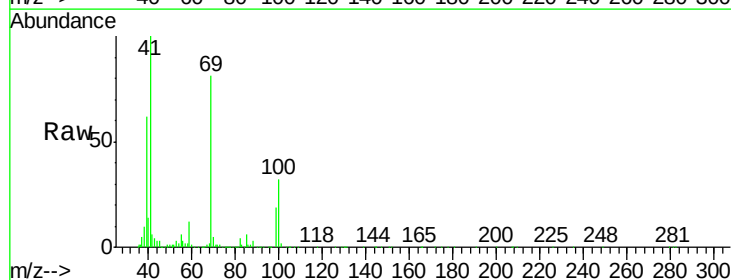
Manual Integrations
 APPROVED

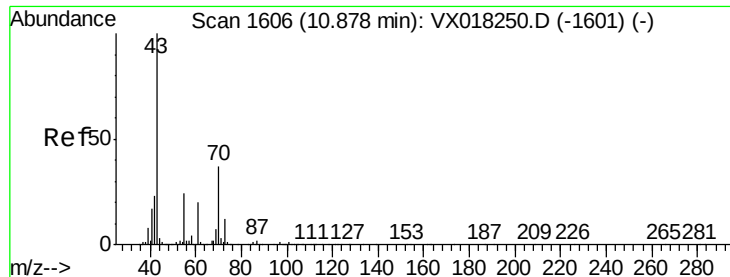
MMDadoda
 9/14/2020 12:10:01 PM



#46
 Methyl methacrylate
 Concen: 19.541 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.3	40.3	120.8
39	62.1	27.3	81.9





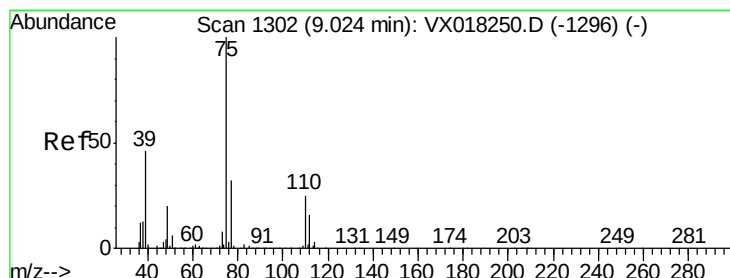
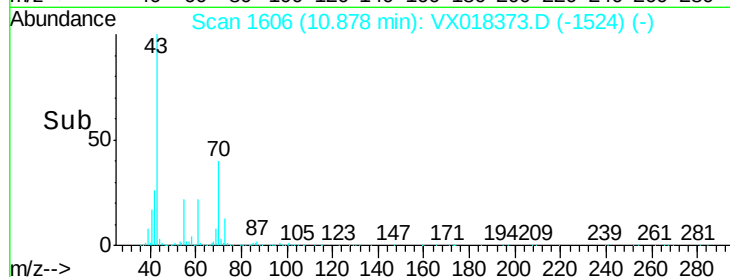
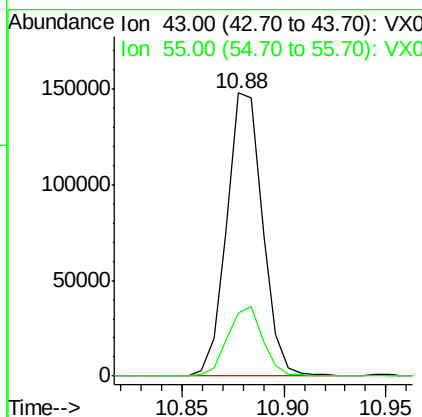
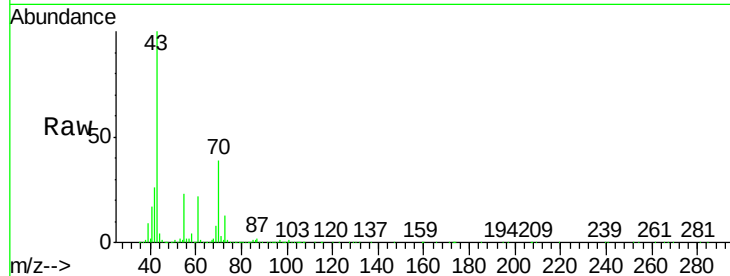
#47
n-amvl Acetate
Concen: 19.266 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	178796
Ion Ratio	100	Lower	Upper
43	100	18.9	28.3
55	23.9		

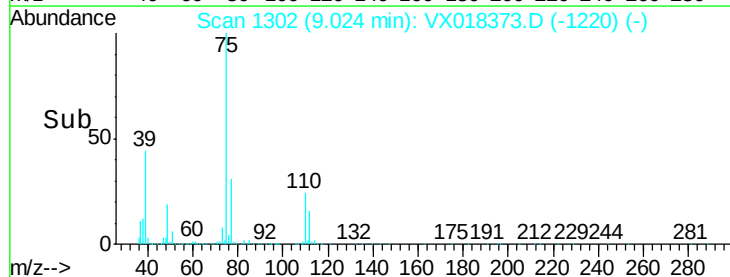
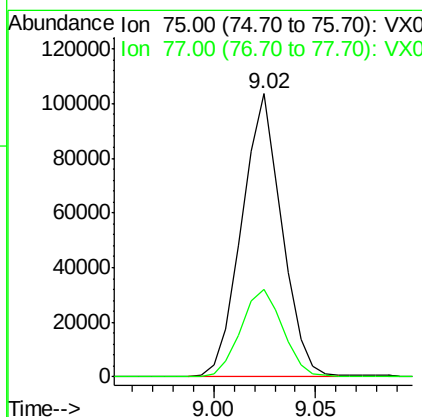
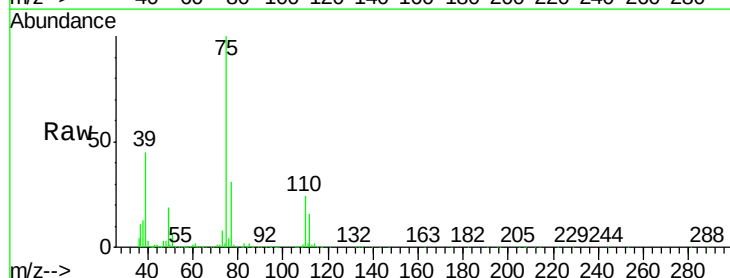
Manual Integrations
APPROVED

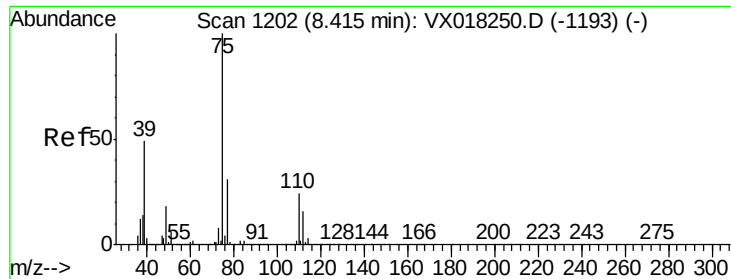
MMDadoda
9/14/2020 12:10:01 PM



#48
t-1,3-Dichloropropene
Concen: 19.024 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	75	Resp	140748
Ion Ratio	100	Lower	Upper
75	100	25.4	38.2
77	30.9		





#49

cis-1,3-Dichloropropene

Concen: 19.491 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

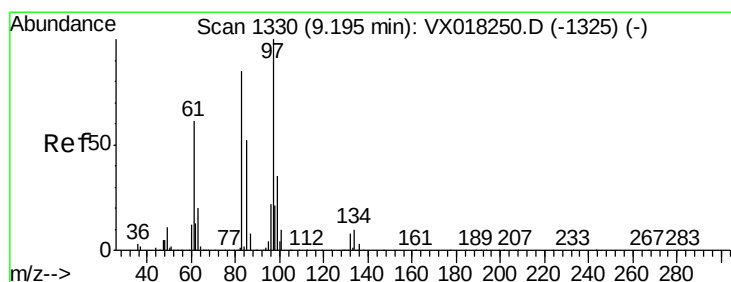
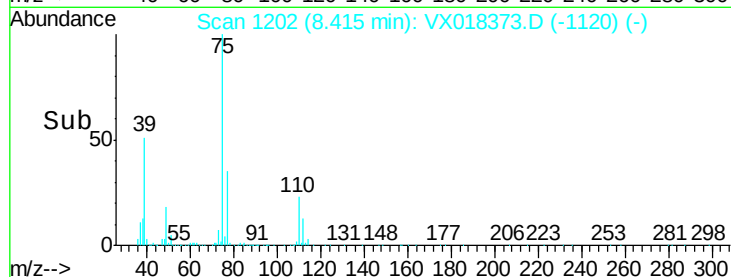
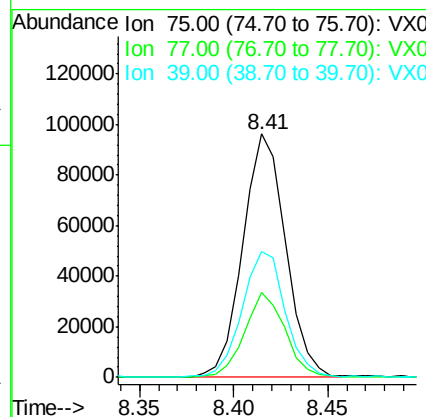
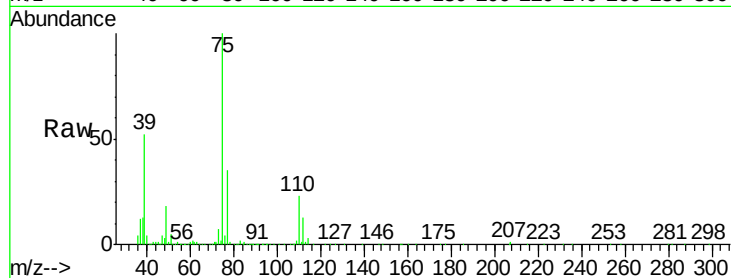
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	151483
Ion	Ratio	Lower	Upper
75	100		
77	34.5	24.7	37.1
39	51.6	39.6	59.4

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#50

1,1,2-Trichloroethane

Concen: 19.861 ug/l

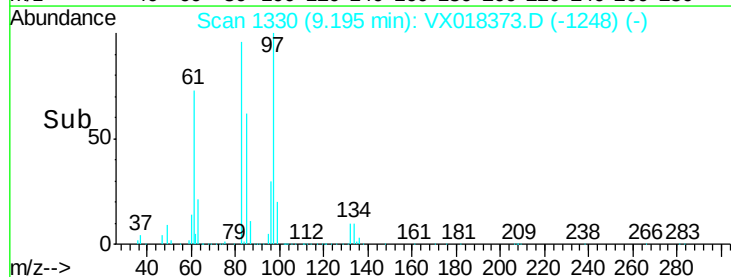
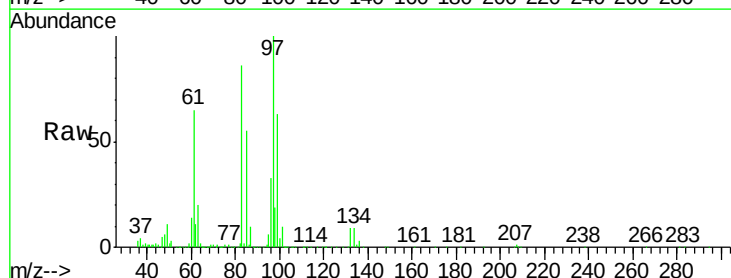
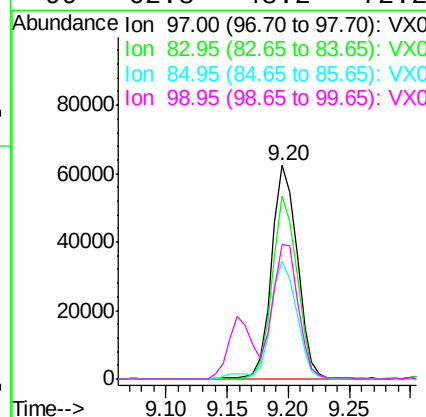
RT: 9.20 min Scan# 1330

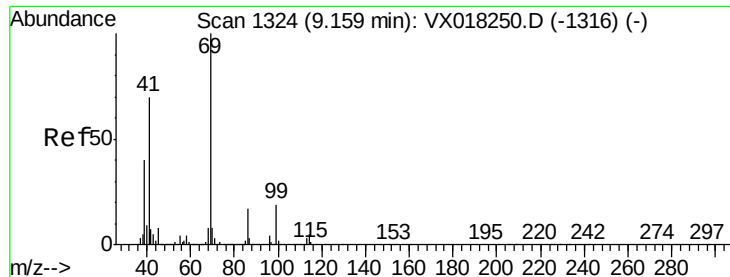
Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	97	Resp:	91969
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.1	102.1
85	55.4	42.6	64.0
99	62.8	48.2	72.2





#51

Ethyl methacrylate

Concen: 19.145 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

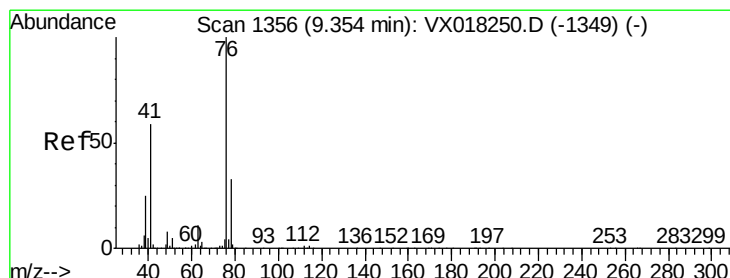
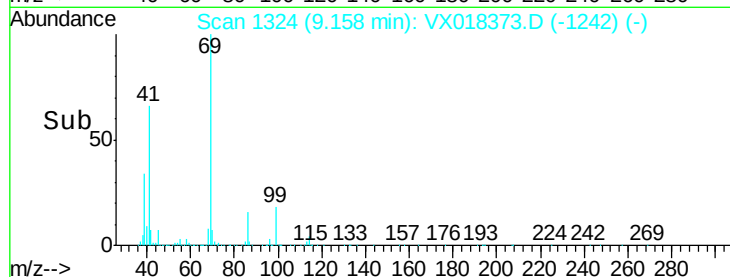
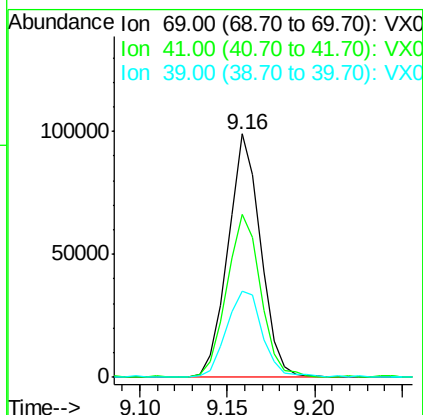
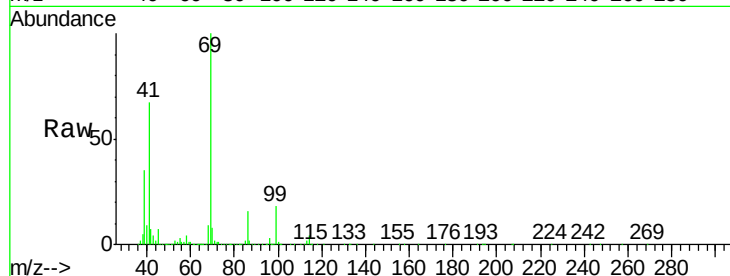
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	128426
Ion	Ratio	Lower	Upper
69	100		
41	66.6	34.9	104.7
39	34.9	19.8	59.3

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#52

1,3-Dichloropropane

Concen: 19.325 ug/l

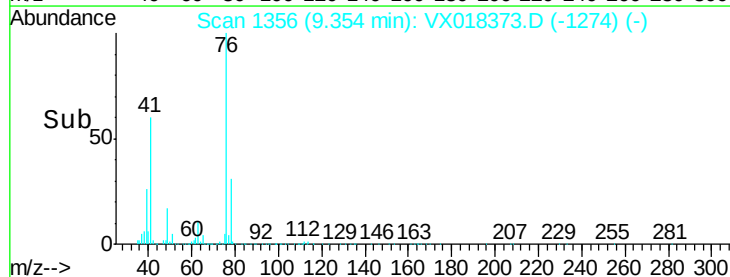
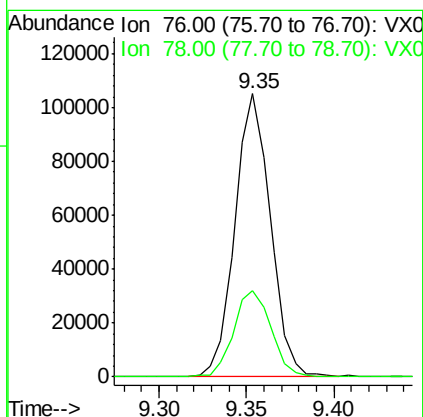
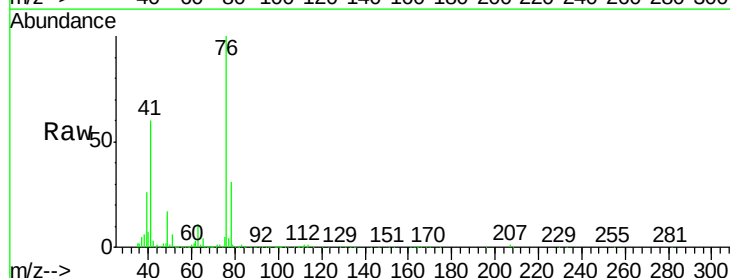
RT: 9.35 min Scan# 1356

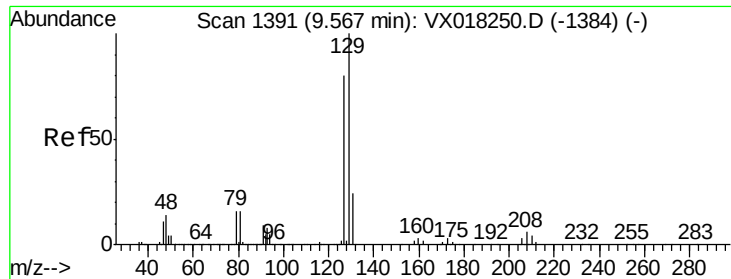
Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	76	Resp:	148534
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	62.2





#53

Dibromochloromethane

Concen: 19.703 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 113444

Ion Ratio Lower Upper

129 100

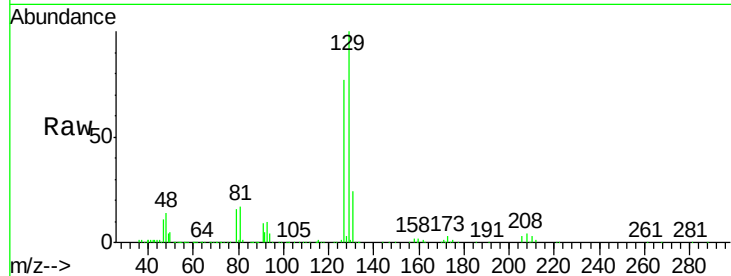
127 76.4 38.9 116.6

Manual Integrations

APPROVED

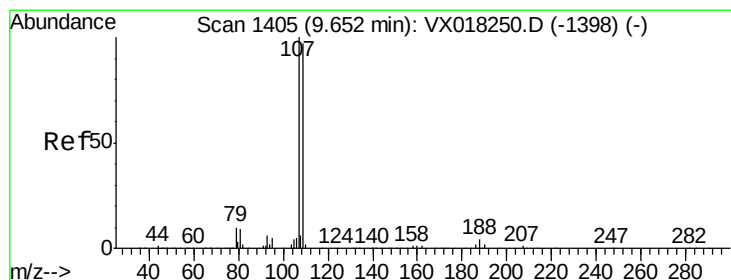
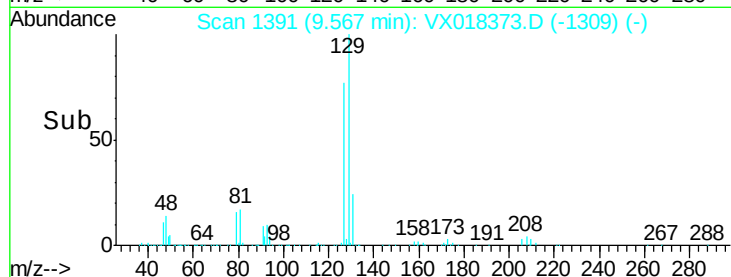
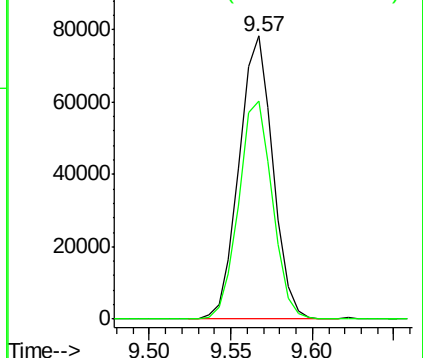
MMDadoda

9/14/2020 12:10:01 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.544 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018373.D

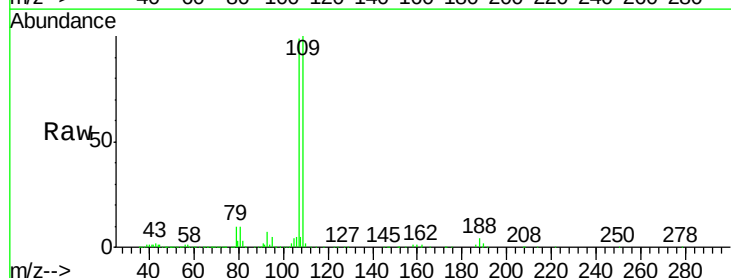
Acq: 11 Sep 2020 20:01

Tgt Ion:107 Resp: 99282

Ion Ratio Lower Upper

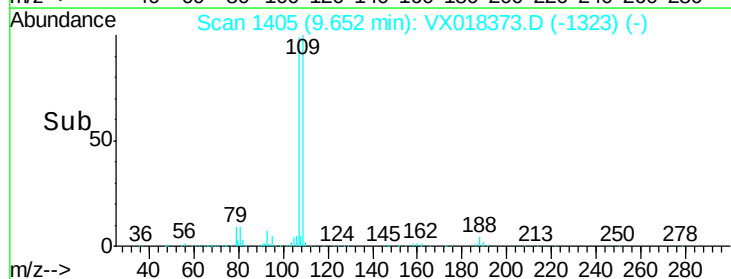
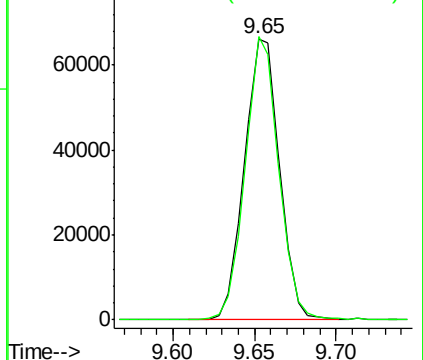
107 100

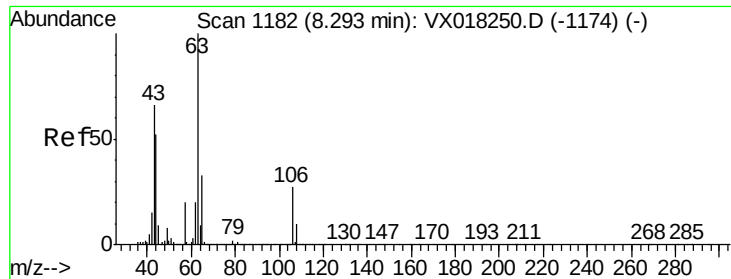
109 96.4 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





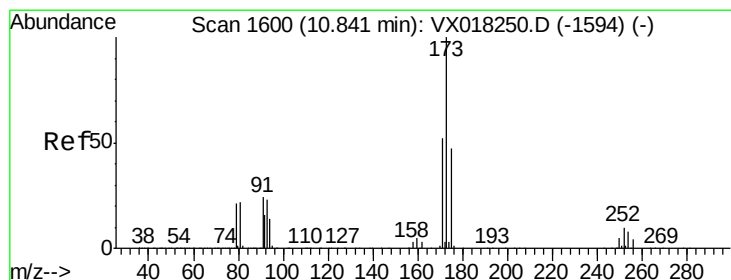
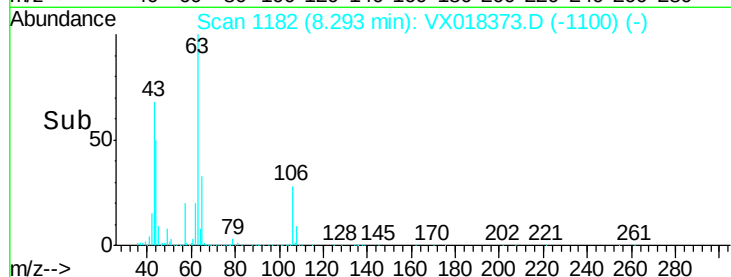
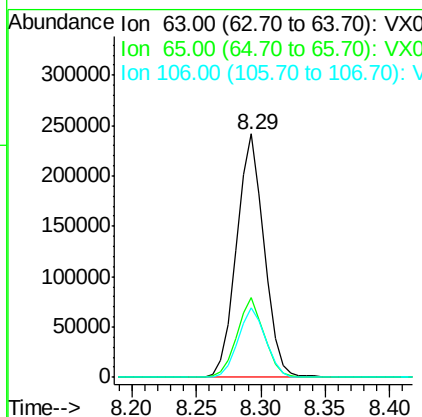
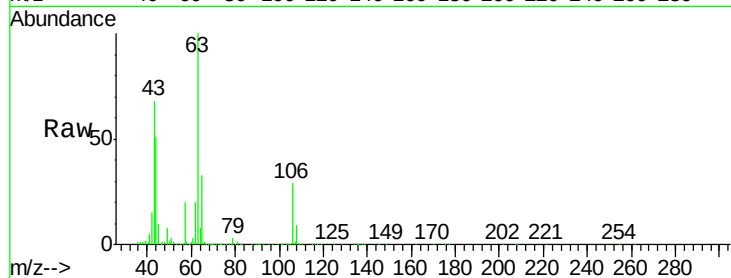
#55
 2-Chloroethyl vinyl ether
 Concen: 102.337 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.0	39.0
106	28.4	22.3	33.5

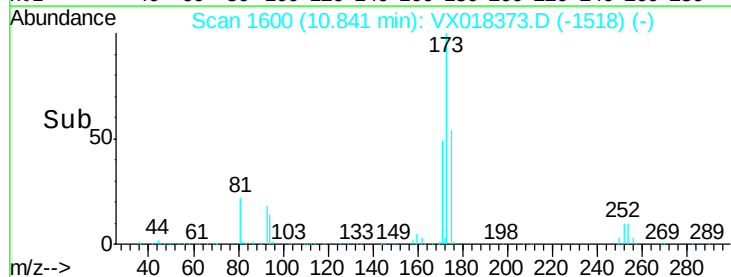
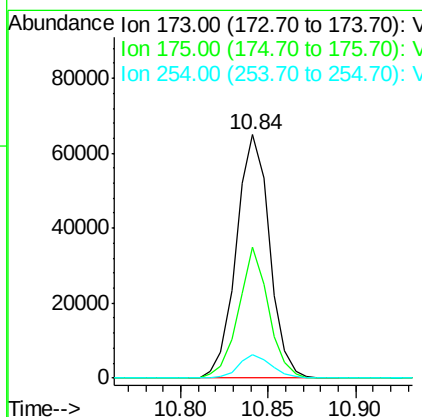
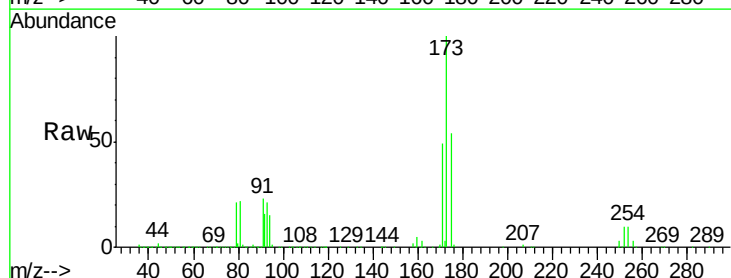
Manual Integrations
 APPROVED

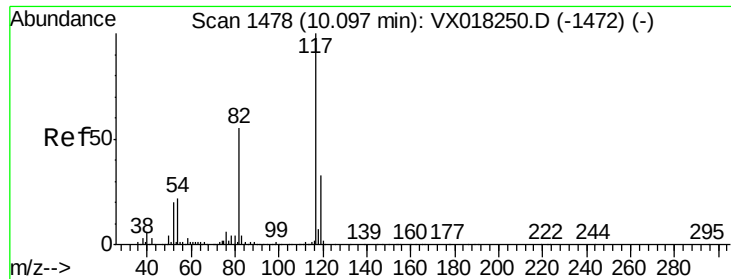
MMDadoda
 9/14/2020 12:10:01 PM



#56
 Bromoform
 Concen: 19.597 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	40.2	60.2
254	9.3	7.3	10.9





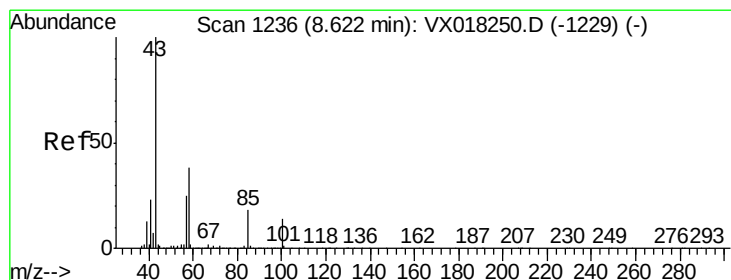
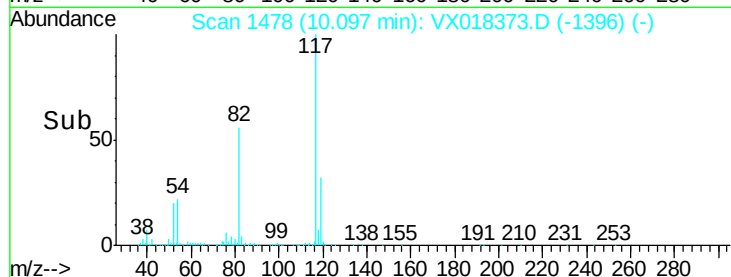
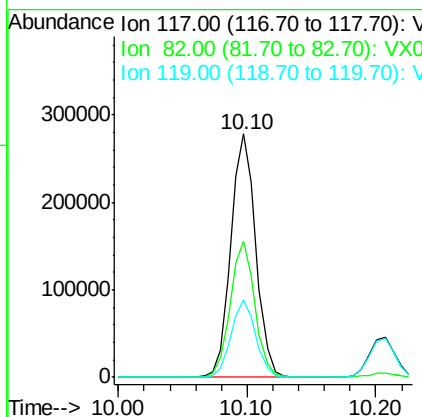
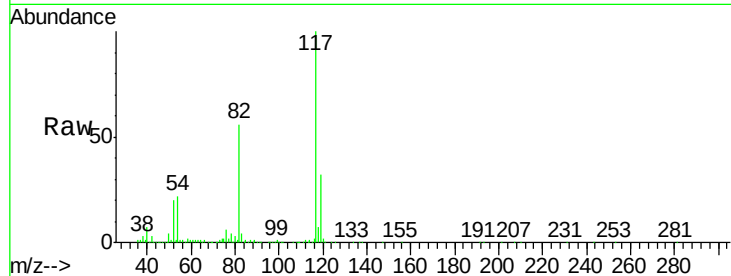
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.4
119	31.6	26.1	39.1

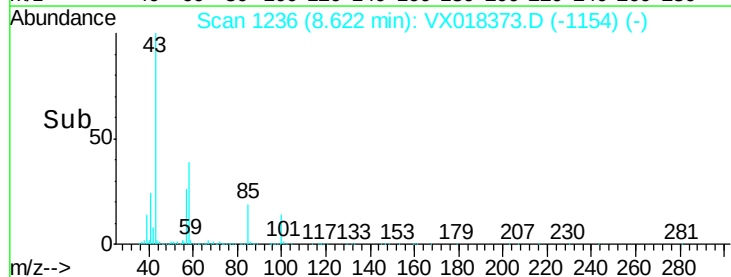
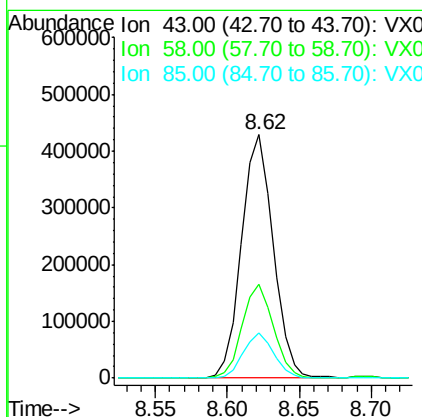
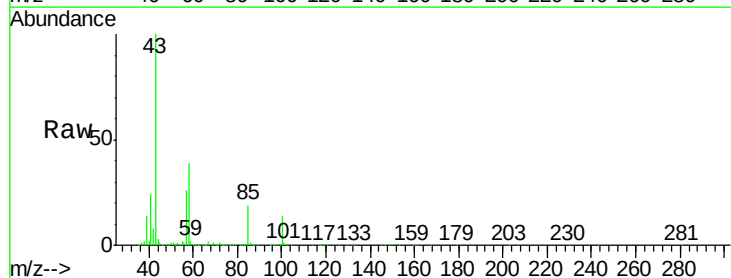
Manual Integrations
APPROVED

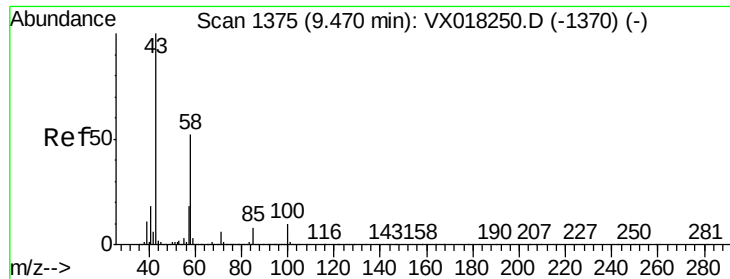
MMDadoda
9/14/2020 12:10:01 PM



#58
4-Methyl-2-Pentanone
Concen: 101.597 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.0	45.0
85	17.8	14.2	21.4





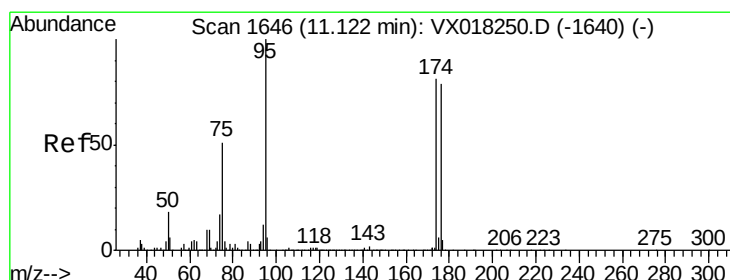
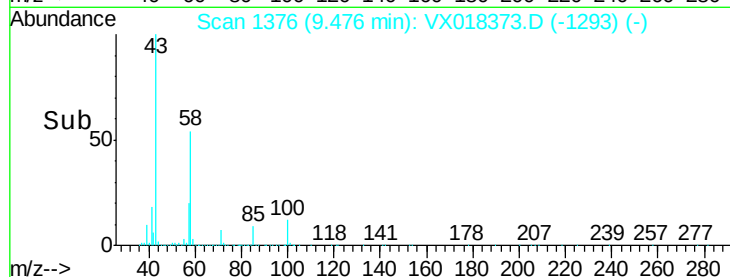
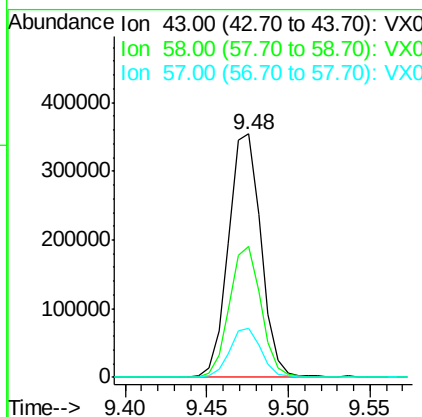
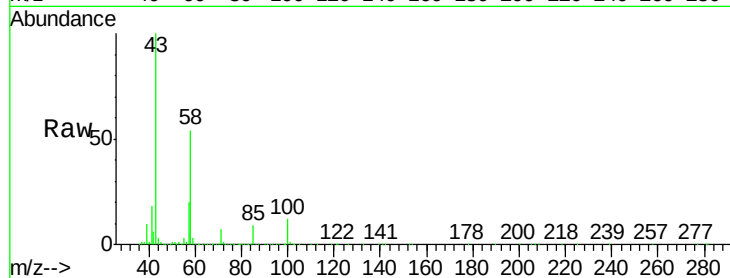
#59
2-Hexanone
Concen: 100.178 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	42.5	63.7
57	19.6	14.8	22.2

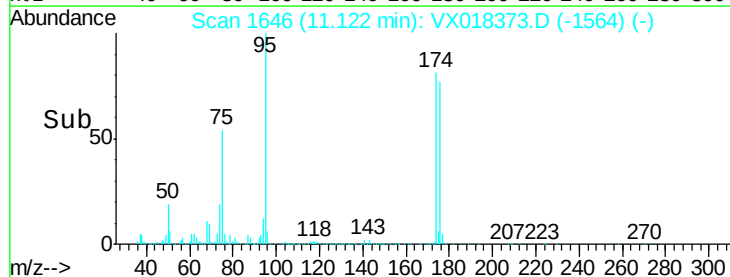
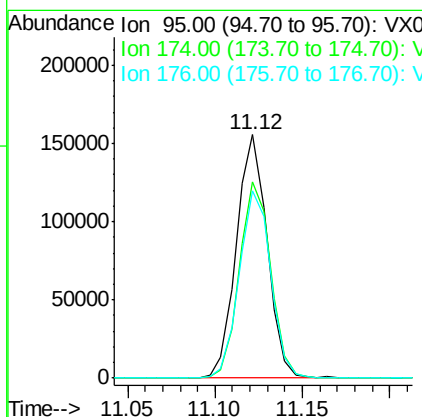
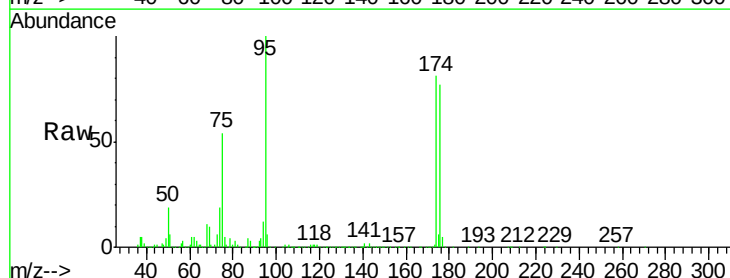
Manual Integrations
APPROVED

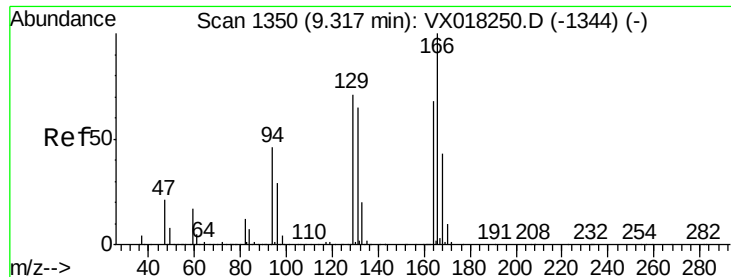
MMDadoda
9/14/2020 12:10:01 PM



#60
4-Bromofluorobenzene
Concen: 29.262 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	64.2	96.4
176	78.5	62.2	93.4





#61

Tetrachloroethene

Concen: 19.140 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 89679

Ion Ratio Lower Upper

164 100

166 130.2 117.4 176.0

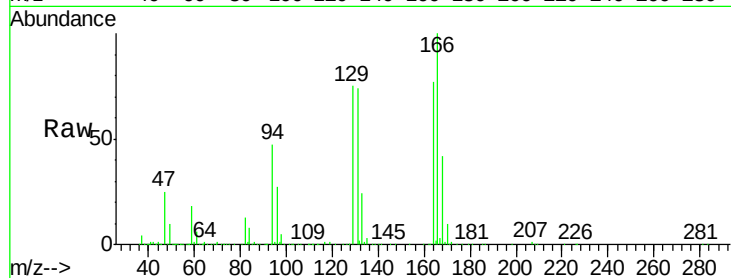
129 98.0 82.7 124.1

131 95.9 76.7 115.1

Manual Integrations
APPROVED

MMDadoda

9/14/2020 12:10:01 PM

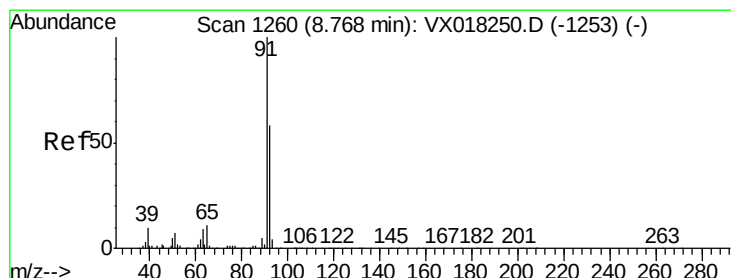
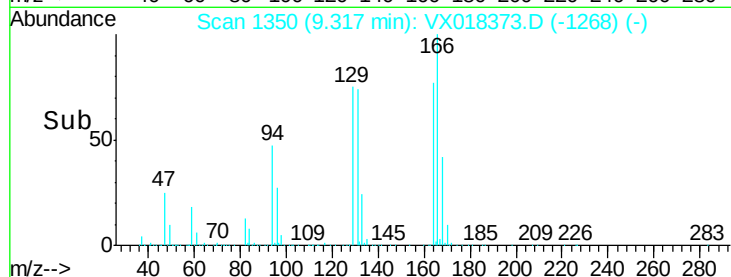
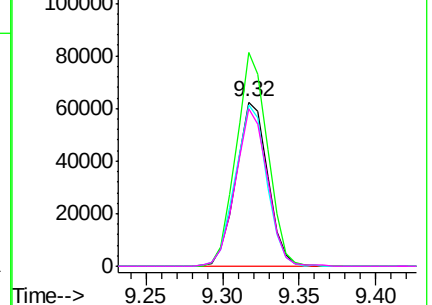


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.624 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018373.D

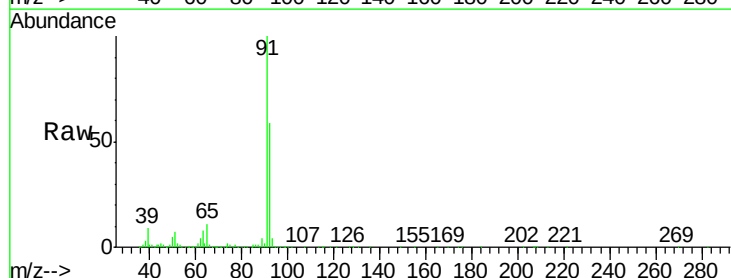
Acq: 11 Sep 2020 20:01

Tgt Ion: 91 Resp: 371012

Ion Ratio Lower Upper

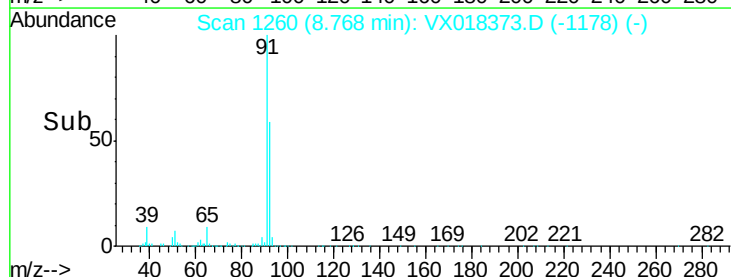
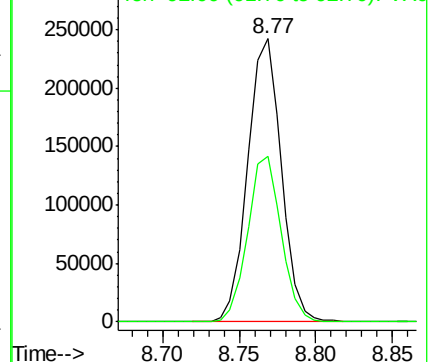
91 100

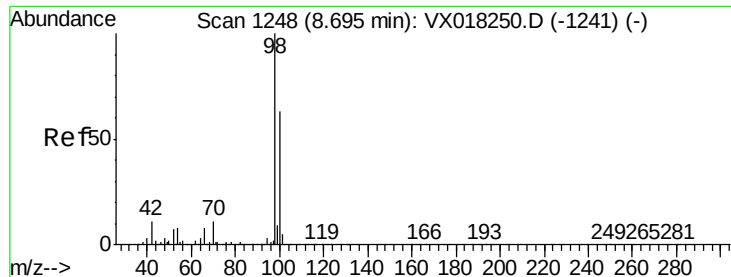
92 58.4 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.874 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 494664

Ion Ratio Lower Upper

98 100

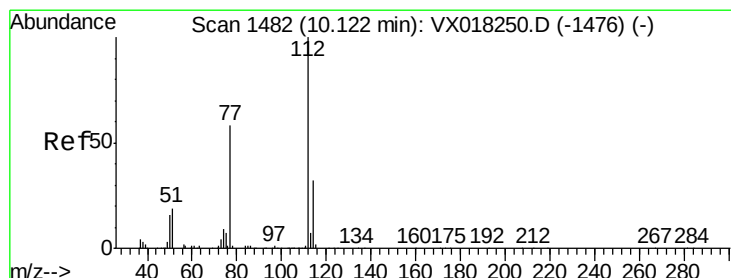
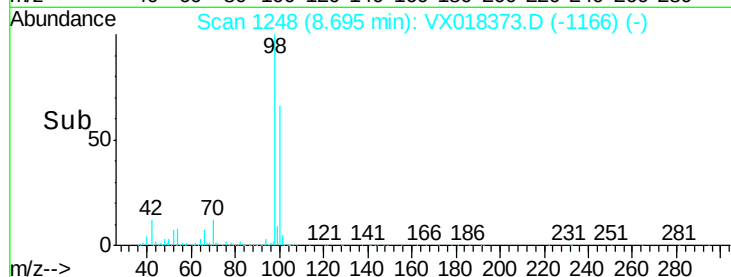
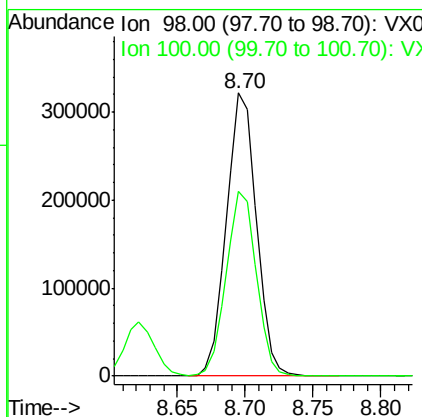
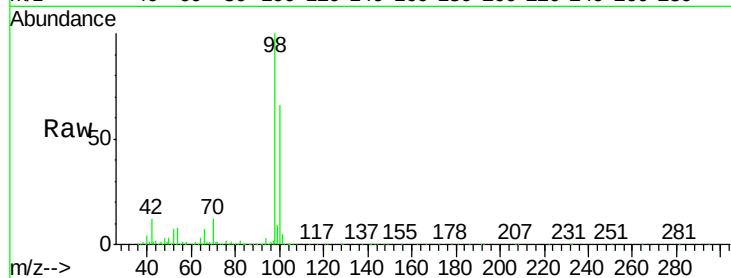
100 65.4 51.4 77.0

Manual Integrations

APPROVED

MMDadoda

9/14/2020 12:10:01 PM



#64

Chlorobenzene

Concen: 19.838 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018373.D

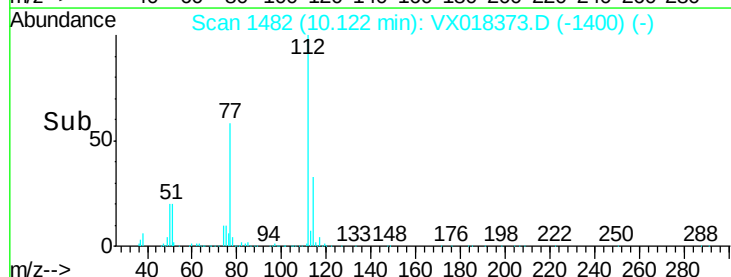
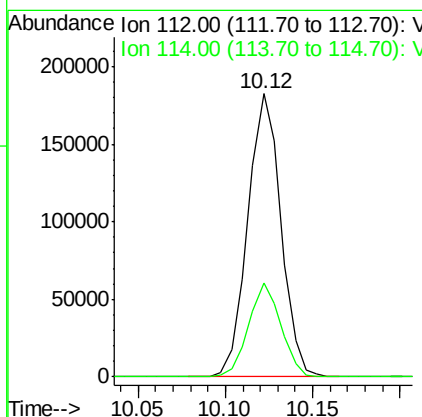
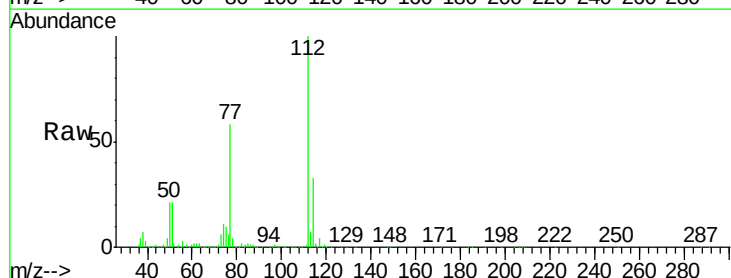
Acq: 11 Sep 2020 20:01

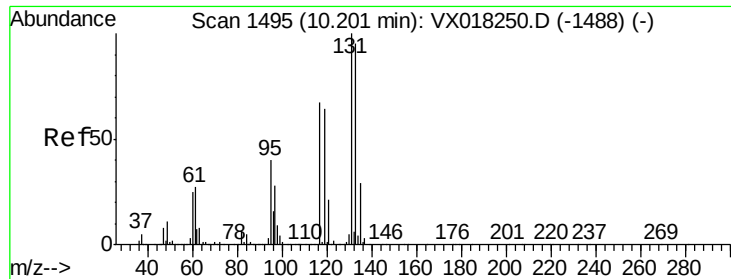
Tgt Ion: 112 Resp: 241024

Ion Ratio Lower Upper

112 100

114 33.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.576 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

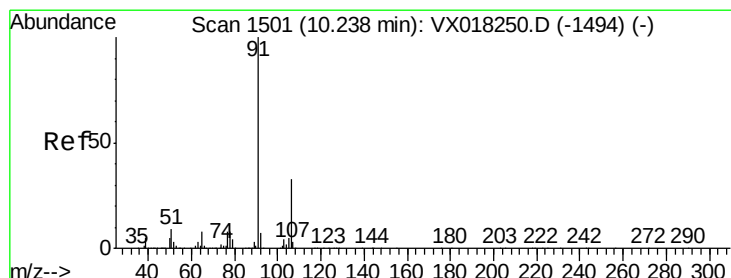
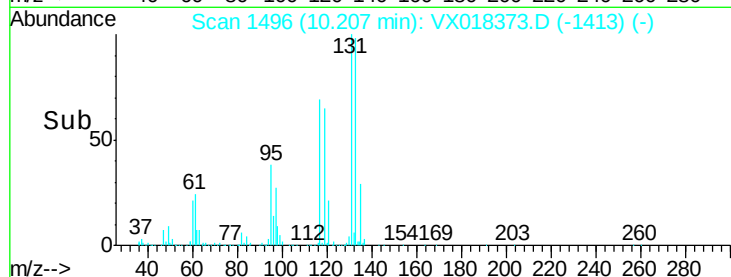
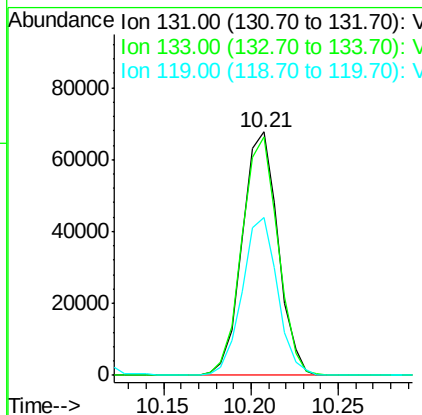
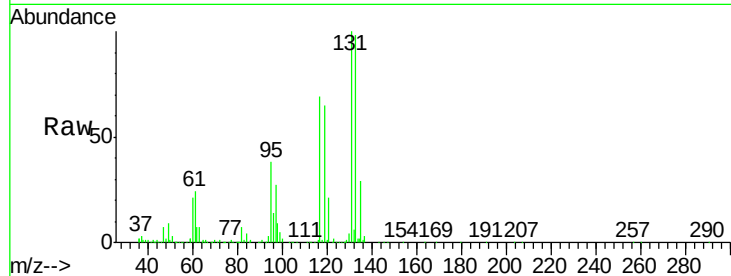
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	96323
Ion Ratio	Lower	Upper	
131	100		
133	98.6	0.0	197.2
119	63.0	0.0	129.8

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#66

Ethyl Benzene

Concen: 19.854 ug/l

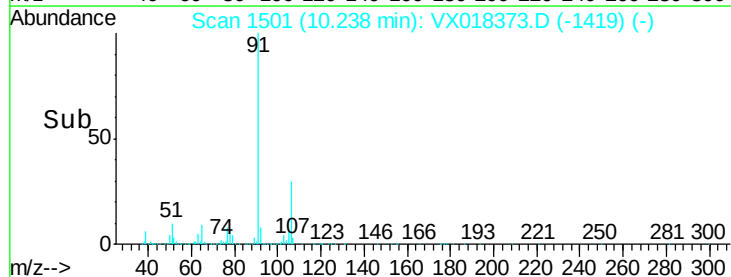
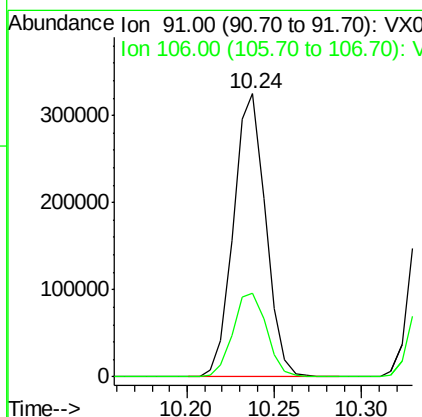
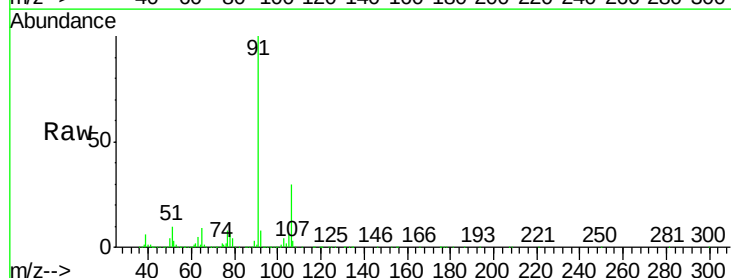
RT: 10.24 min Scan# 1501

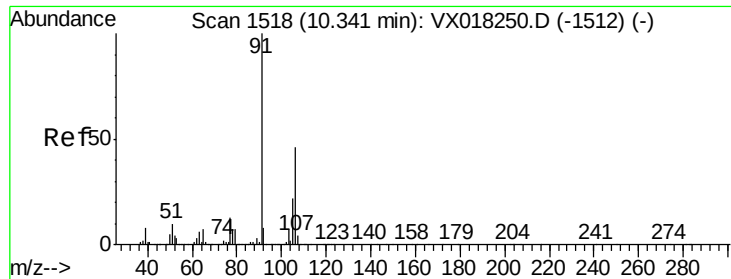
Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	91	Resp:	414757
Ion Ratio	Lower	Upper	
91	100		
106	29.7	26.3	39.5





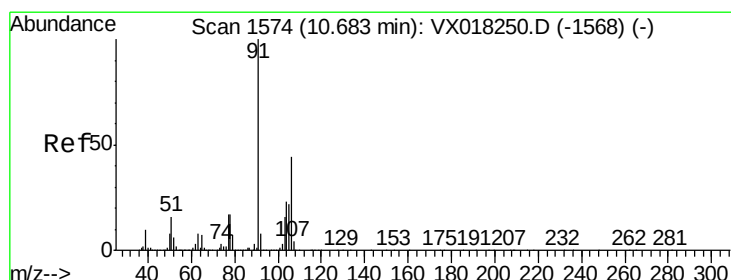
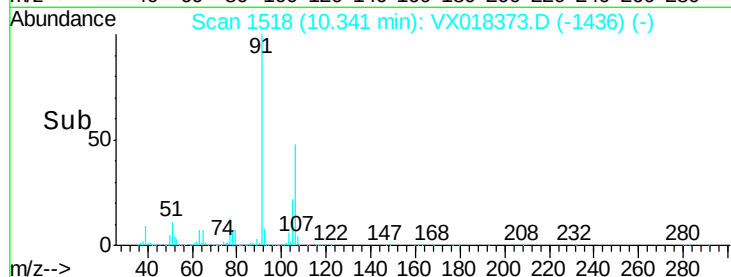
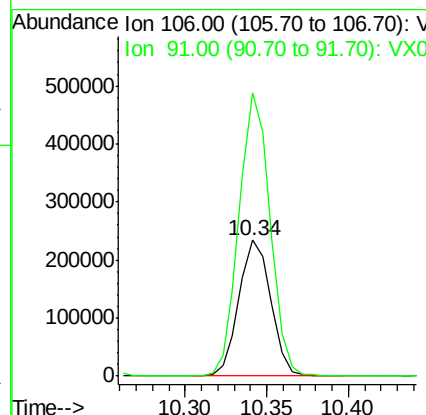
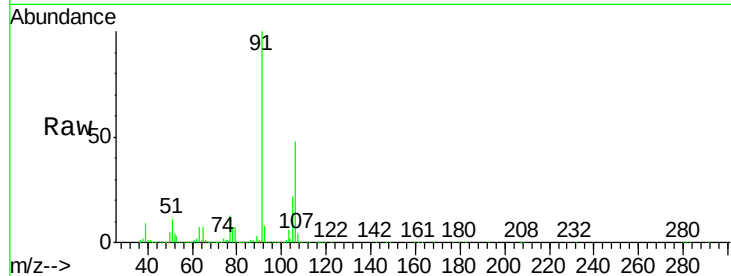
#67
m/p-Xylenes
Concen: 40.133 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.2	166.2	249.2

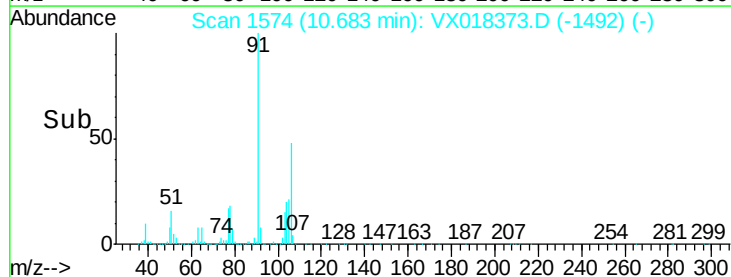
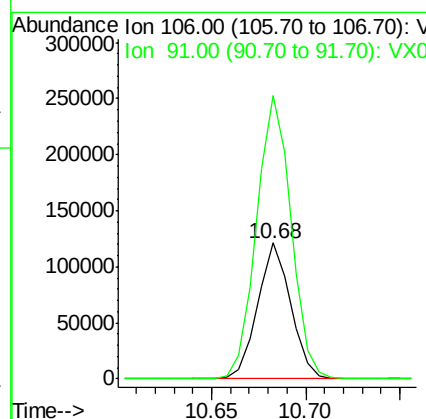
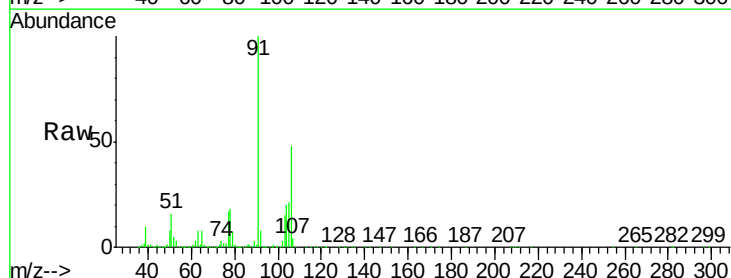
Manual Integrations
APPROVED

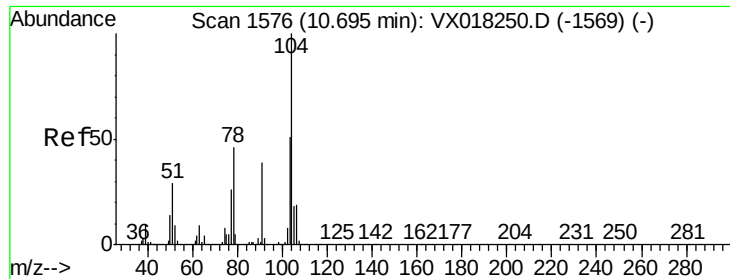
MMDadoda
9/14/2020 12:10:01 PM



#68
o-Xylene
Concen: 19.636 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.8	109.2	327.6





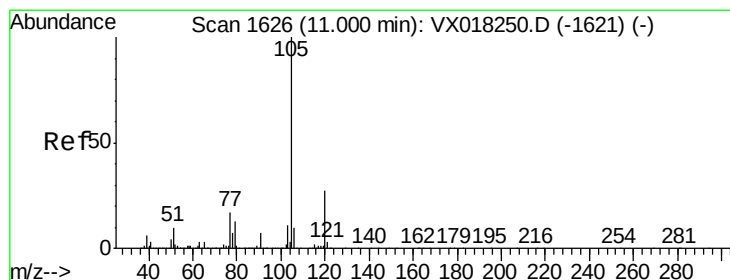
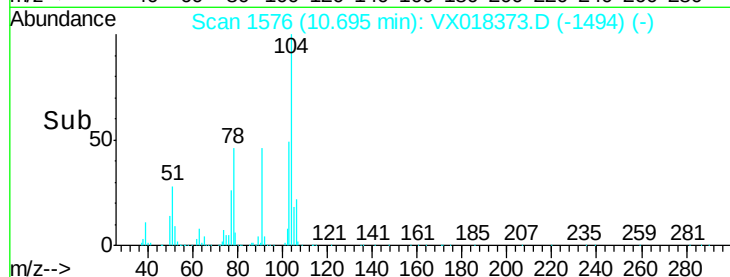
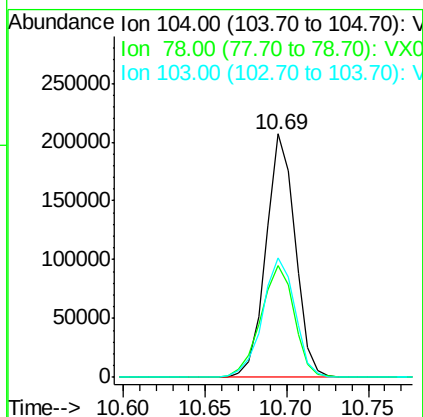
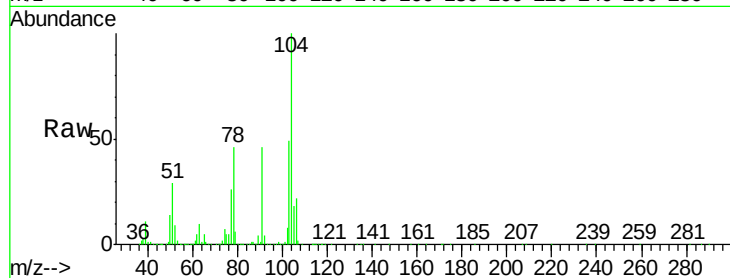
#69
Stvrene
Concen: 19.531 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	257231		
78	53.1	41.7	62.5	
103	55.1	44.2	66.2	

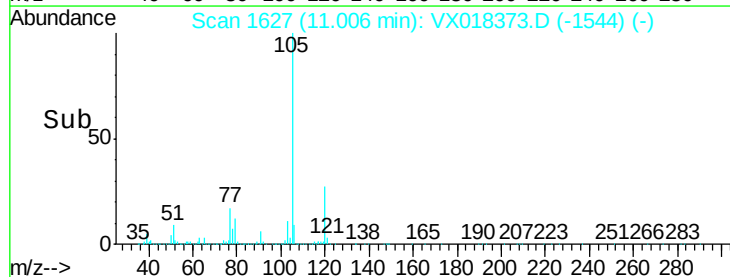
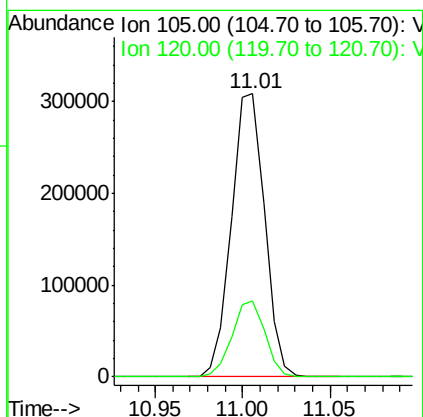
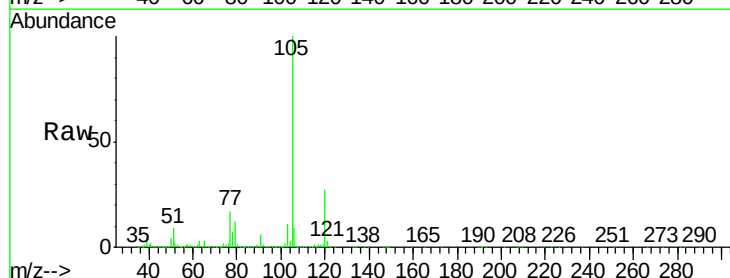
Manual Integrations
APPROVED

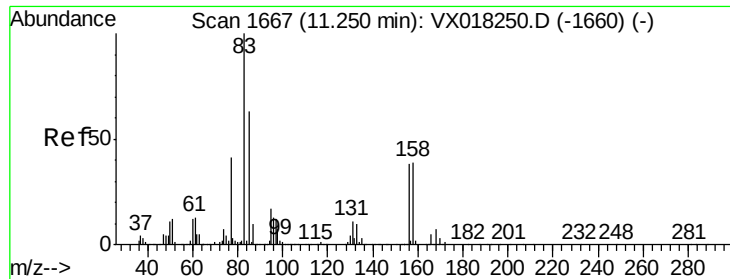
MMDadoda
9/14/2020 12:10:01 PM



#70
Isopropylbenzene
Concen: 19.424 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	407756		
120	26.6	18.7	34.7	





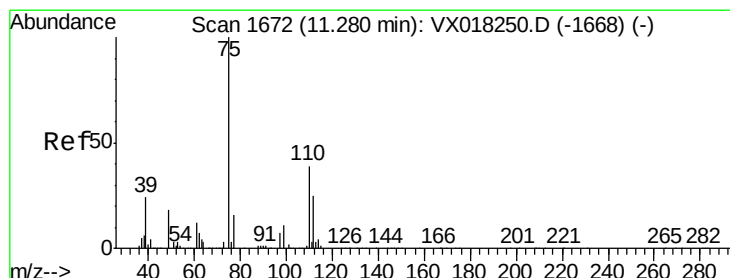
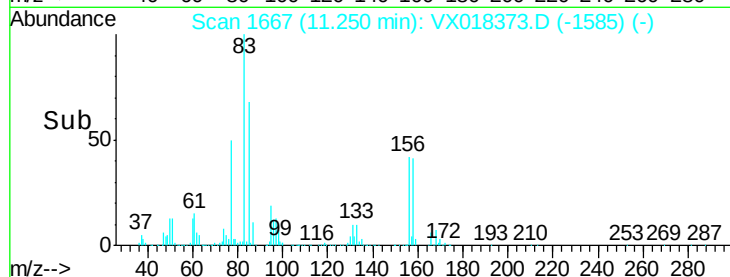
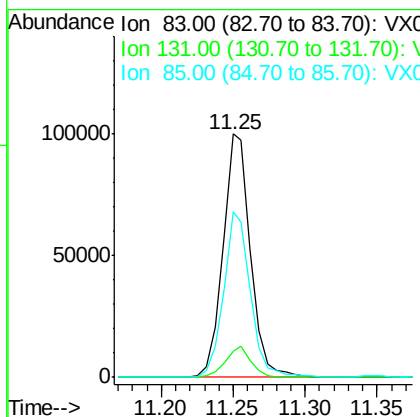
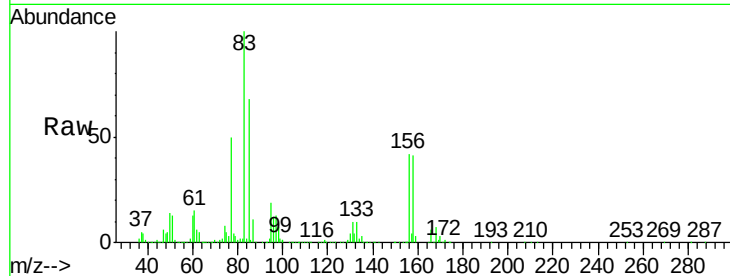
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.601 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.8	17.3
85	66.3	31.3	93.9

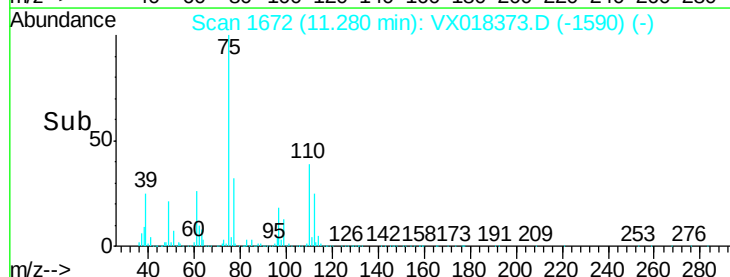
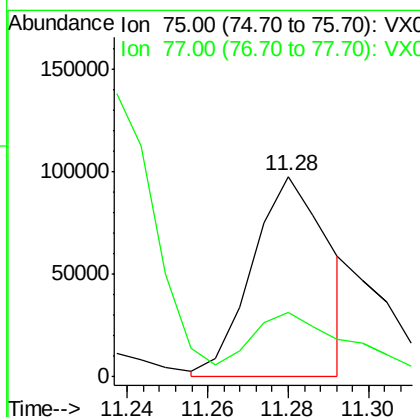
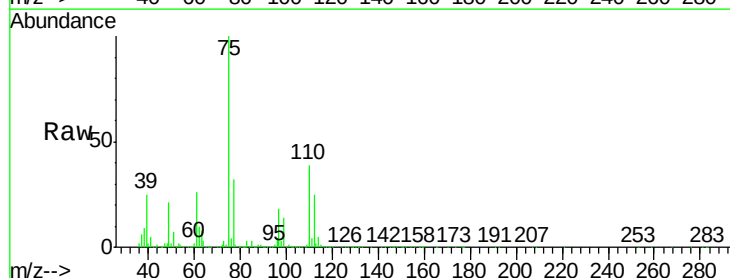
Manual Integrations
 APPROVED

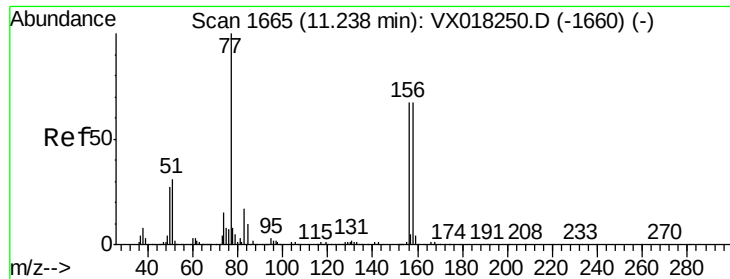
MMDadoda
 9/14/2020 12:10:01 PM



#72
 1,2,3-Trichloropropane
 Concen: 19.721 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.1	0.0	74.8





#73

Bromobenzene

Concen: 19.499 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

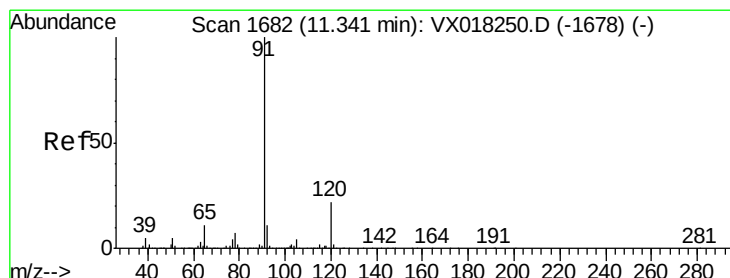
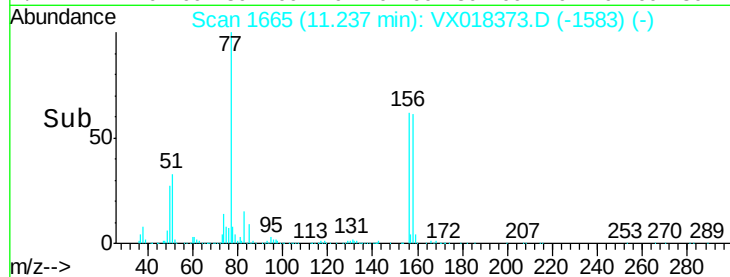
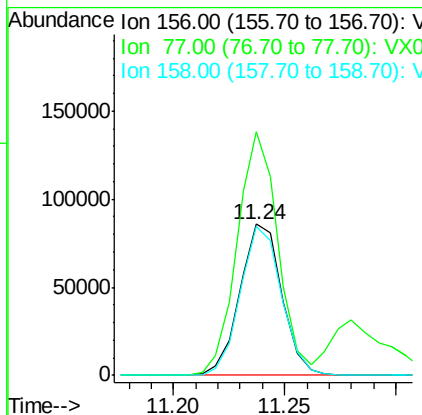
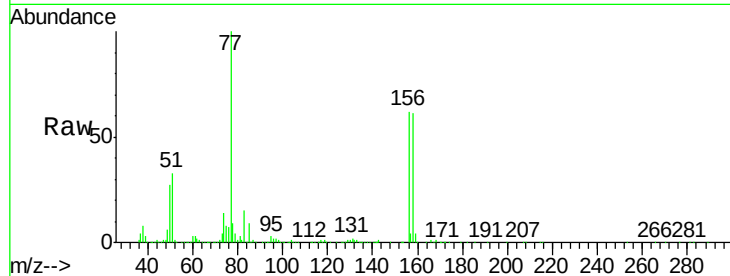
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	112139
Ion Ratio	Lower	Upper	
156	100		
77	156.8	0.0	311.0
158	97.8	0.0	194.4

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#74

n-propylbenzene

Concen: 18.933 ug/l

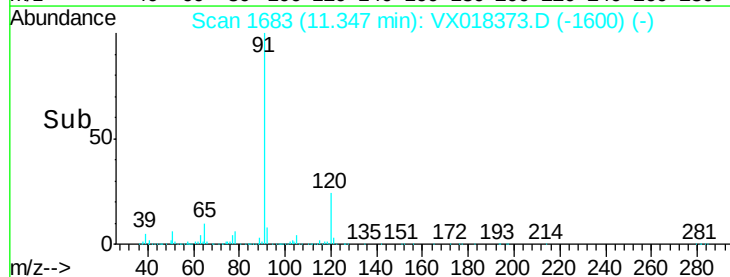
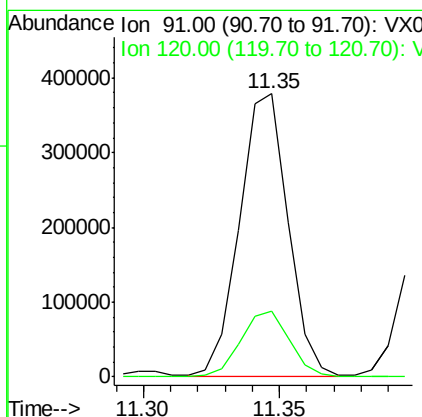
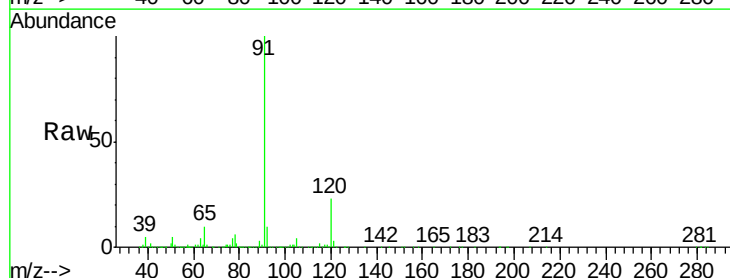
RT: 11.35 min Scan# 1683

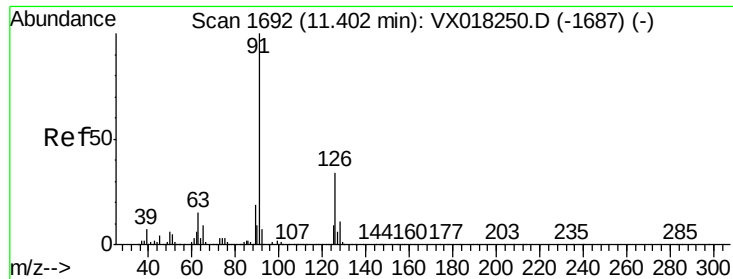
Delta R.T. 0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	91	Resp:	467995
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	45.4





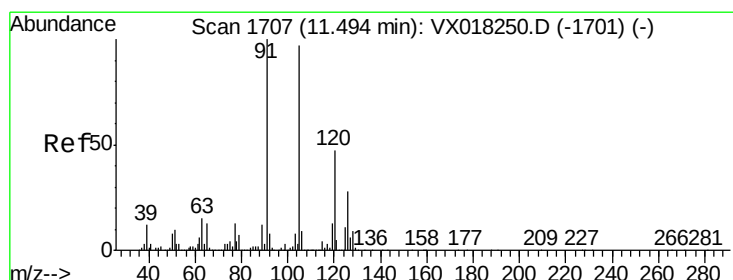
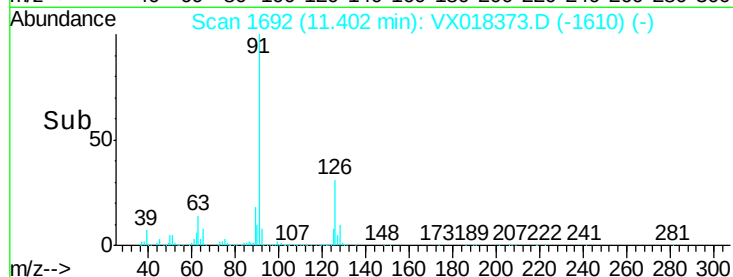
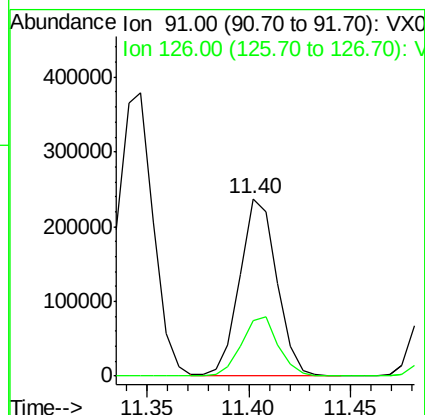
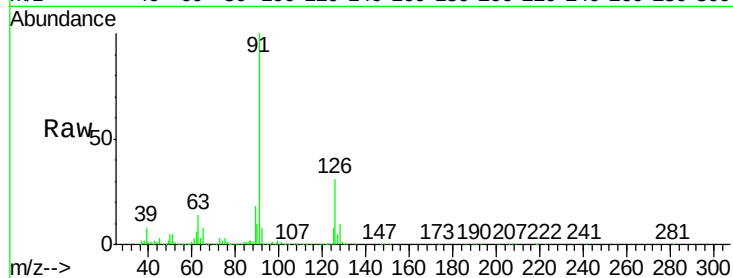
#75
2-Chlorotoluene
Concen: 20.003 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	299684		
126	33.2	0.0	68.4	

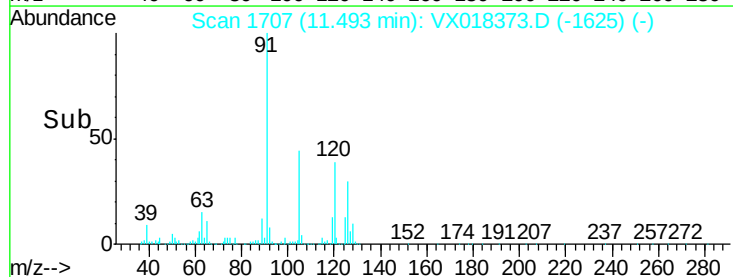
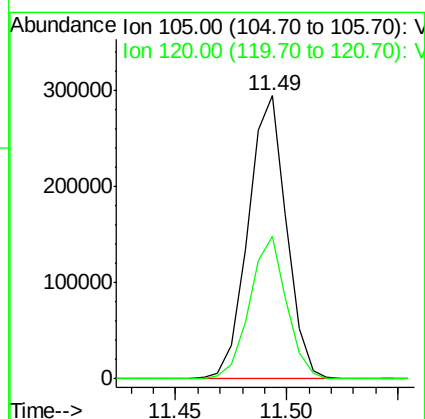
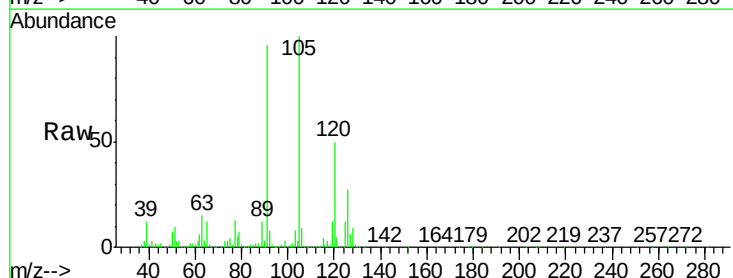
Manual Integrations
APPROVED

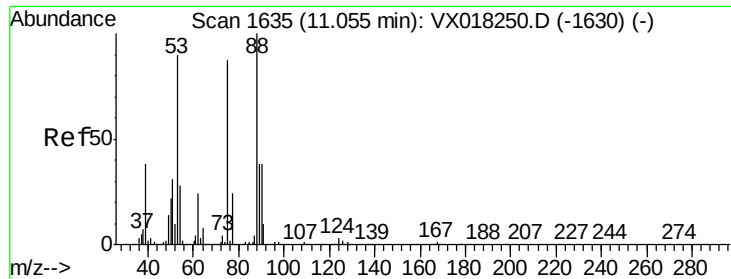
MMDadoda
9/14/2020 12:10:01 PM



#76
1,3,5-Trimethylbenzene
Concen: 19.278 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	352569		
120	48.5	0.0	95.0	





#77

t-1,4-Dichloro-2-butene

Concen: 18.795 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

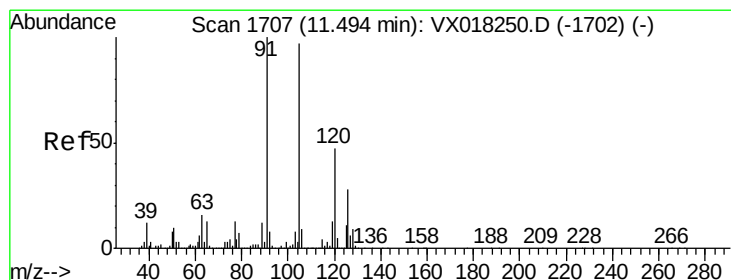
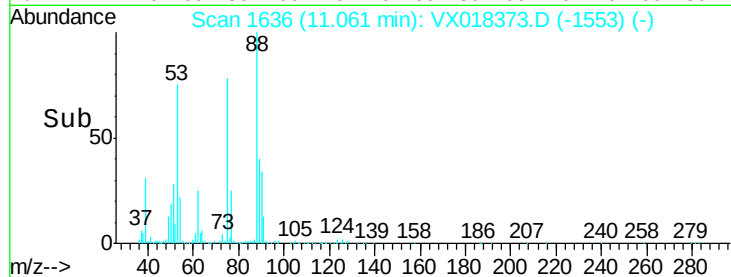
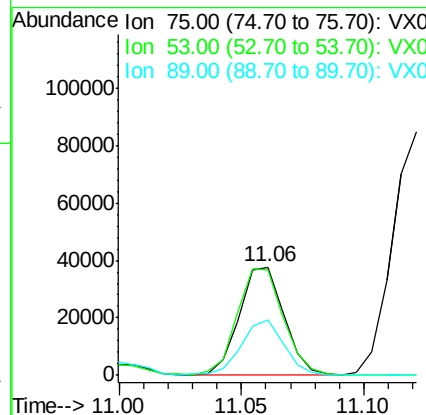
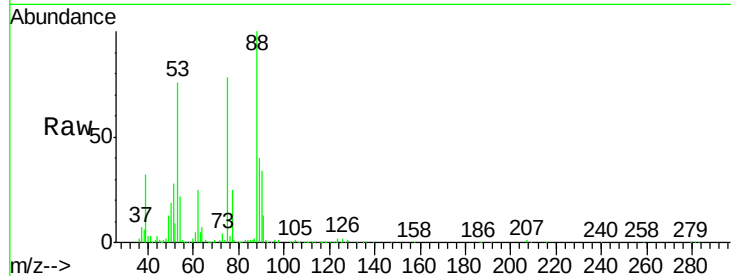
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	48141
Ion Ratio	Lower	Upper	
75	100		
53	97.3	52.1	156.4
89	51.1	22.1	66.3

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#78

4-Chlorotoluene

Concen: 19.275 ug/l

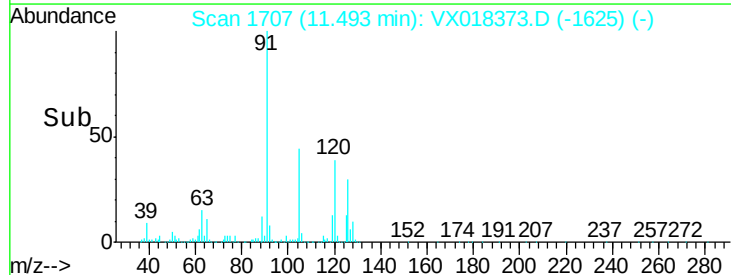
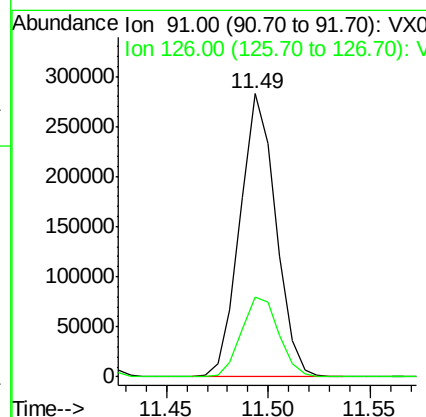
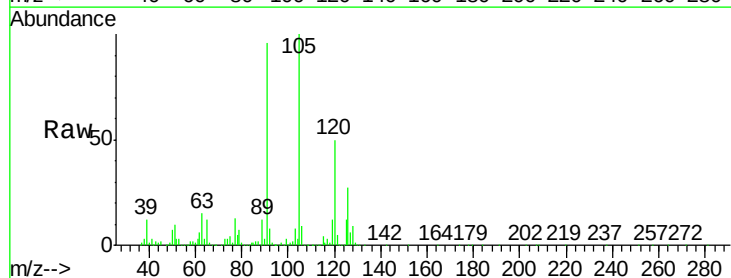
RT: 11.49 min Scan# 1707

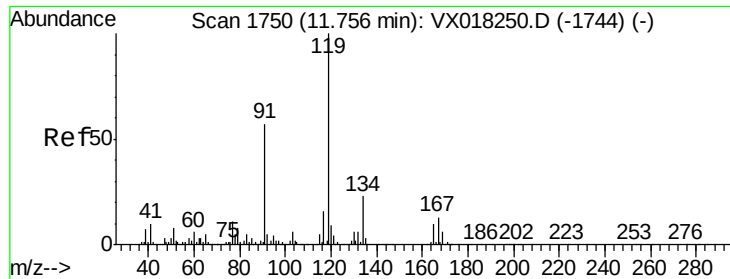
Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	91	Resp:	344480
Ion Ratio	Lower	Upper	
91	100		
126	29.6	0.0	59.2





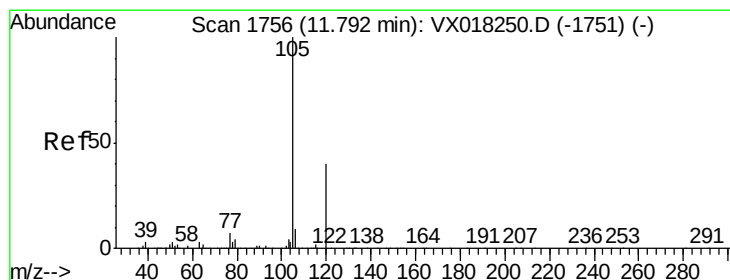
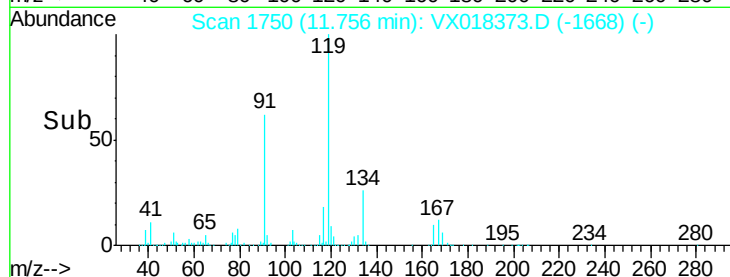
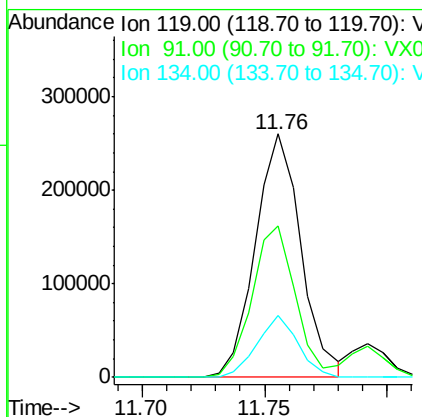
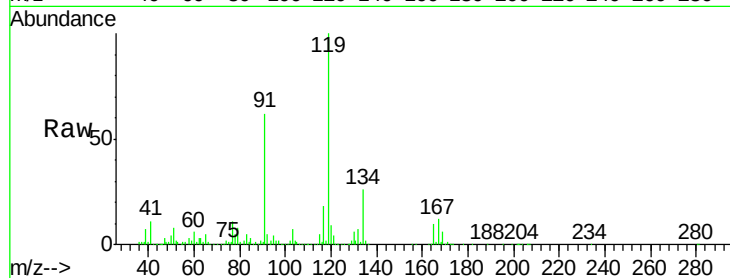
#79
tert-butylbenzene
Concen: 19.287 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	339784		
91	58.7	0.0	111.8	
134	23.1	0.0	42.4	

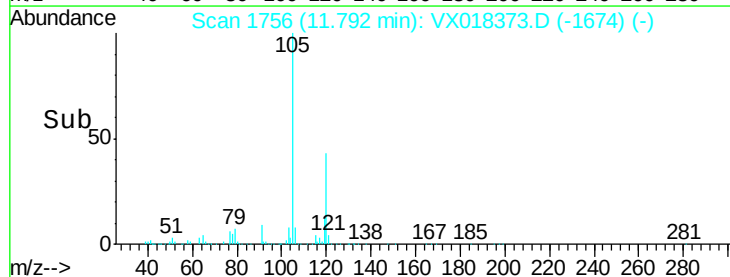
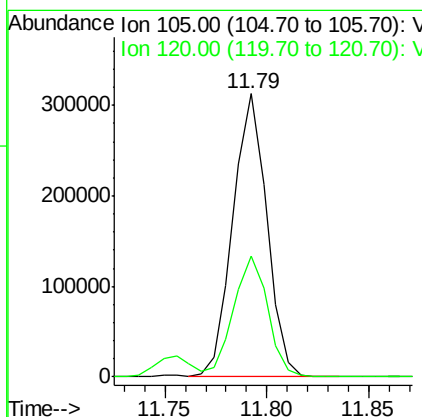
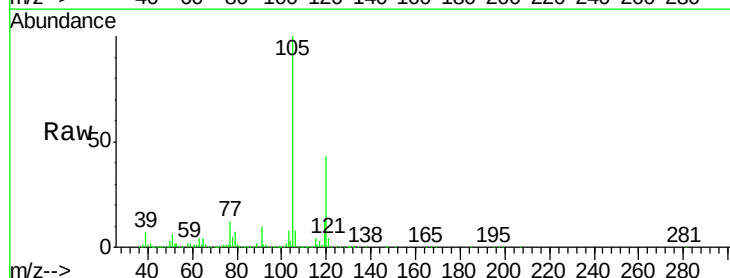
Manual Integrations
APPROVED

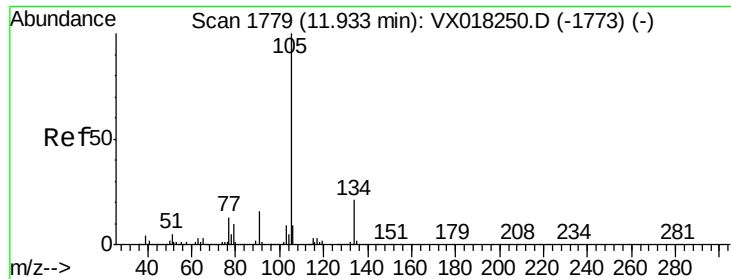
MMDadoda
9/14/2020 12:10:01 PM



#80
1,2,4-Trimethylbenzene
Concen: 19.976 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361319		
120	43.3	0.0	89.2	





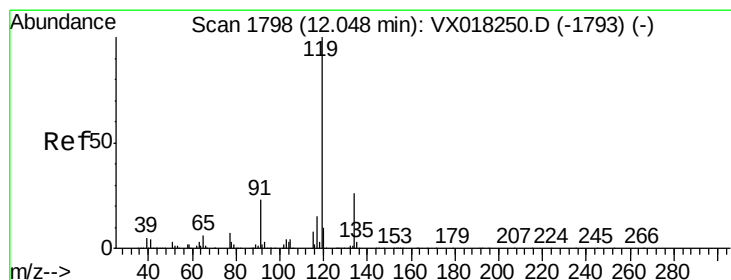
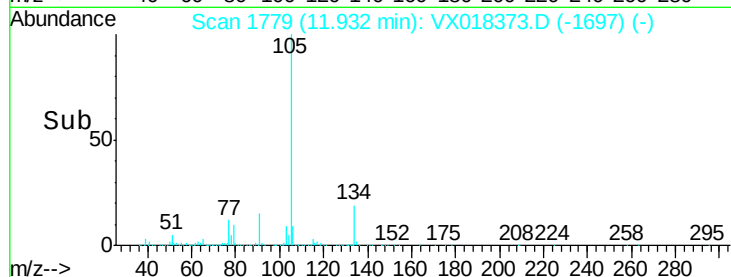
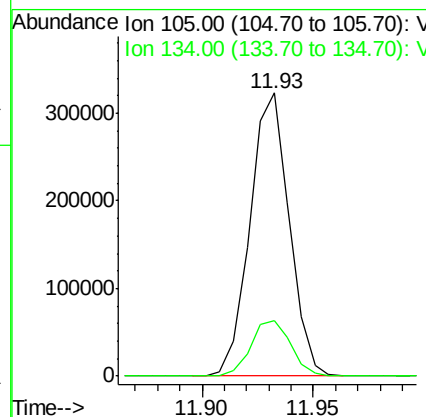
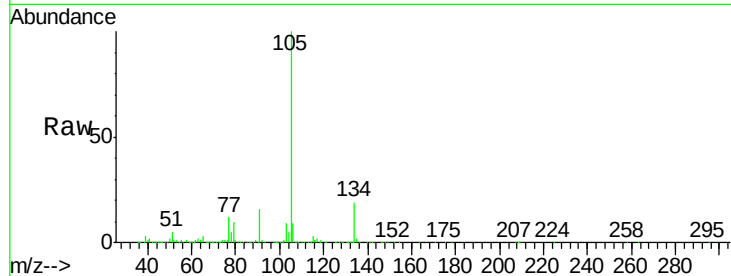
#81
 sec-Butylbenzene
 Concen: 19.330 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	397775		
134	20.1	0.0	40.0	

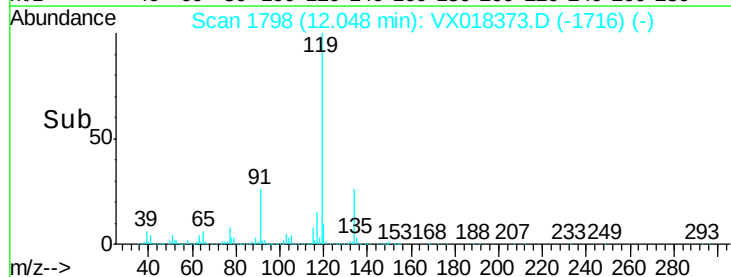
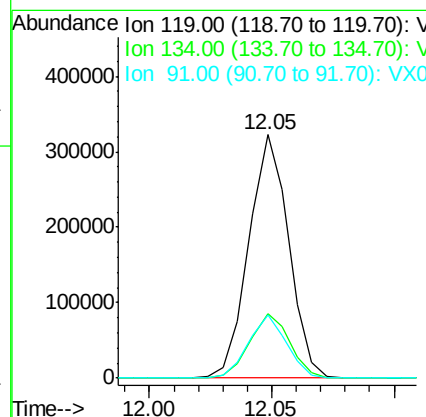
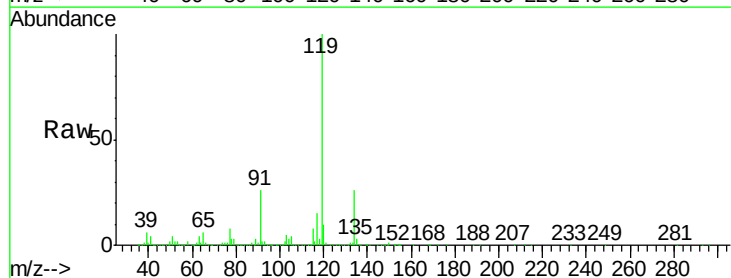
Manual Integrations
 APPROVED

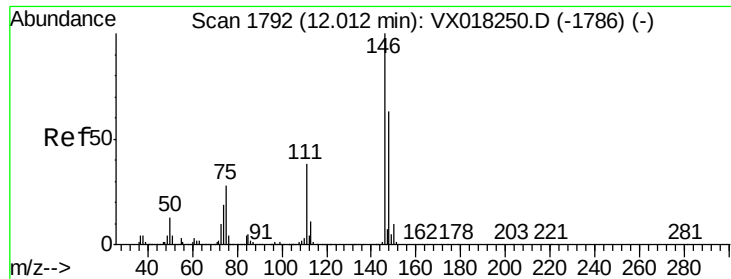
MMDadoda
 9/14/2020 12:10:01 PM



#82
 p-Isopropyltoluene
 Concen: 19.017 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	364871		
134	27.0	0.0	53.0	
91	24.9	0.0	49.8	





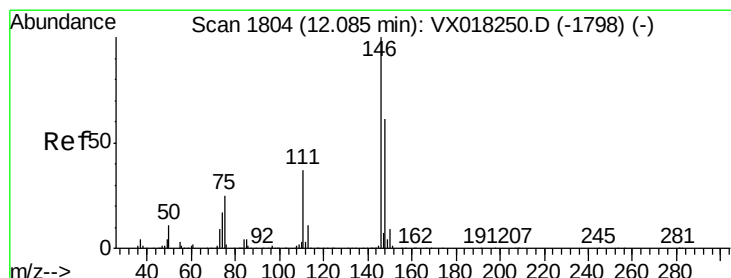
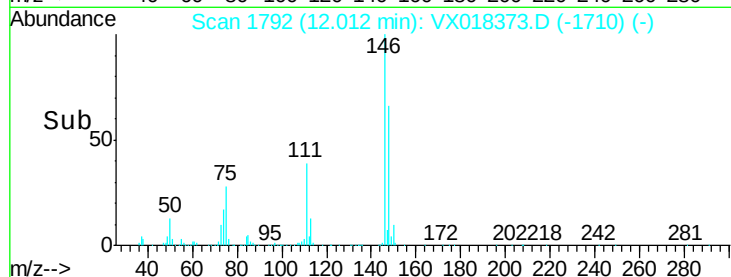
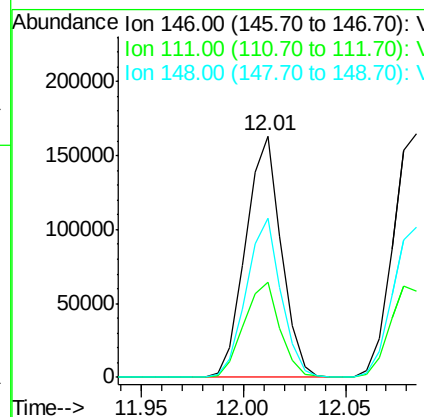
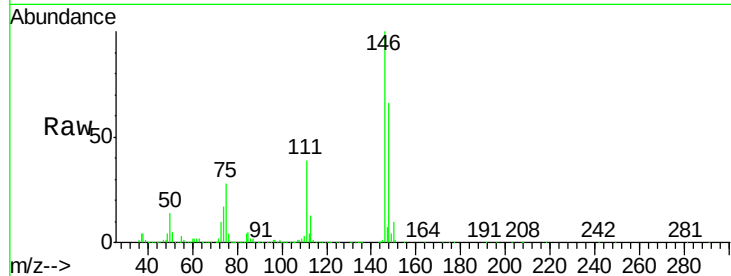
#83
 1,3-Dichlorobenzene
 Concen: 19.309 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	64.3	32.1	96.3

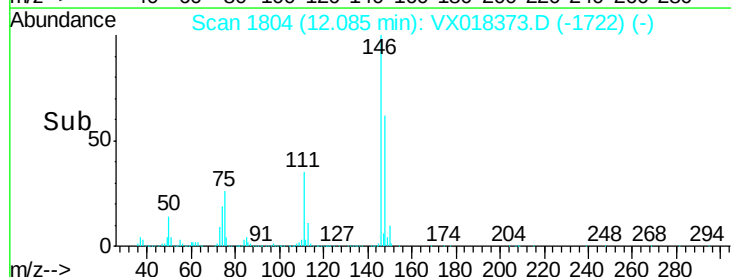
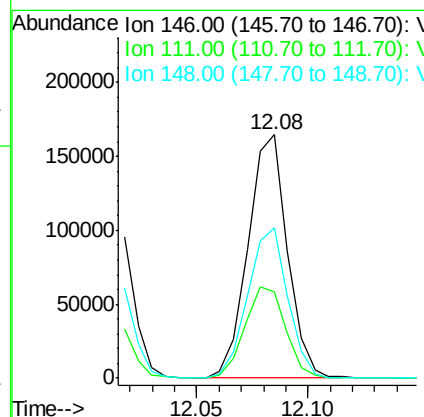
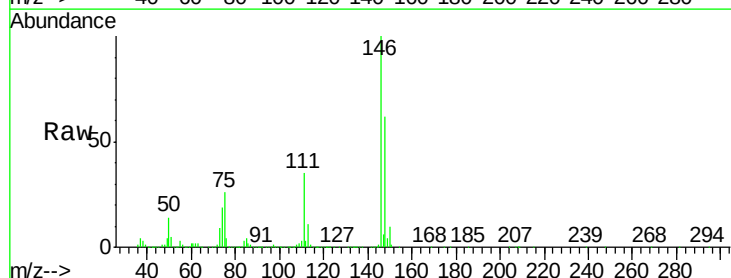
Manual Integrations
 APPROVED

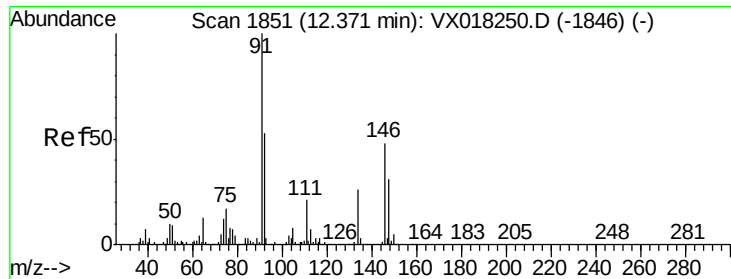
MMDadoda
 9/14/2020 12:10:01 PM



#84
 1,4-Dichlorobenzene
 Concen: 19.792 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	62.7	31.7	95.1





#85

n-Butylbenzene

Concen: 18.442 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Instrument :

MSVOA_X

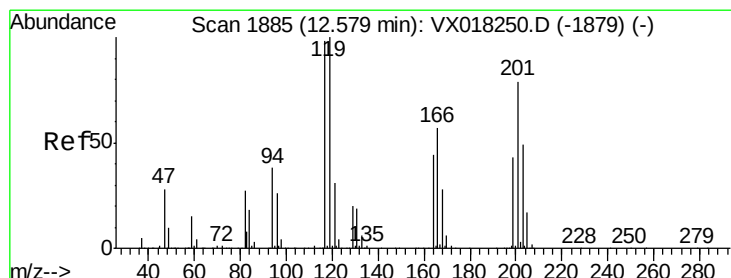
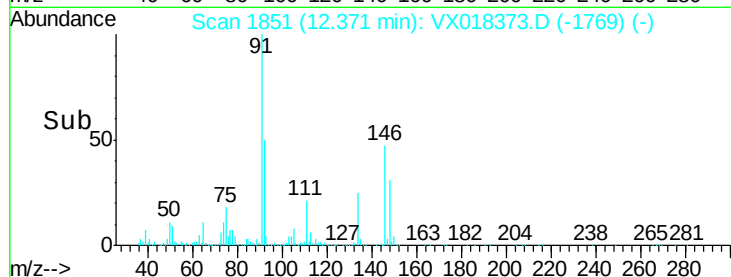
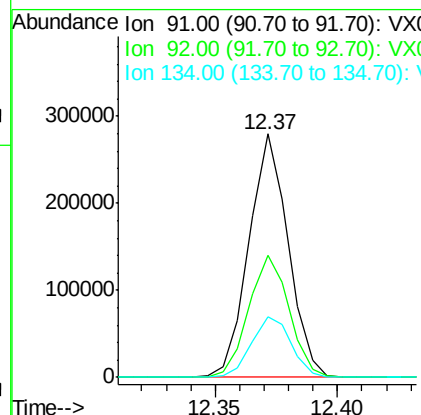
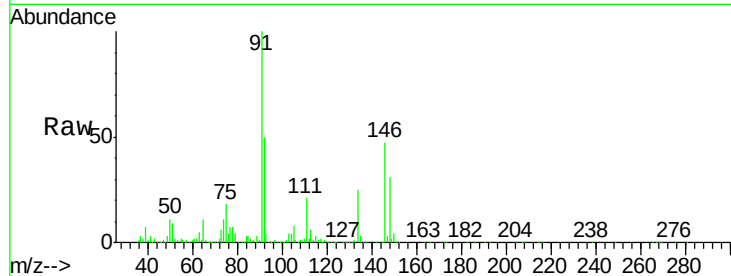
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	311515
Ion Ratio	Lower	Upper	
91	100		
92	51.4	0.0	105.0
134	25.5	0.0	51.0

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#86

Hexachloroethane

Concen: 19.167 ug/l

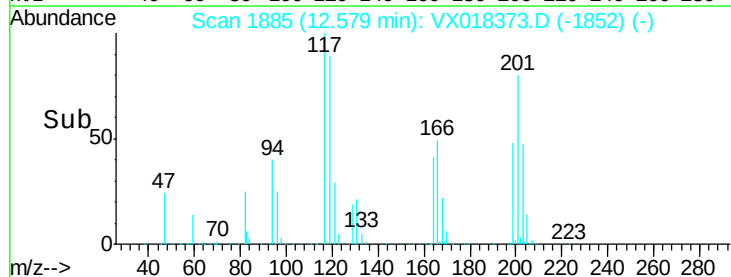
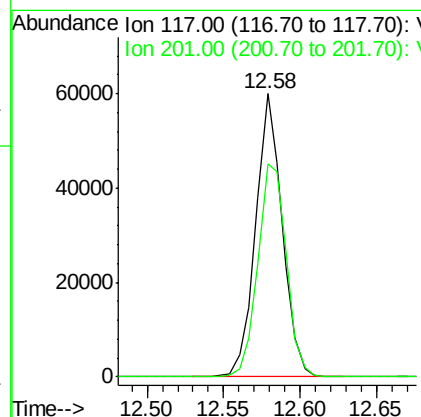
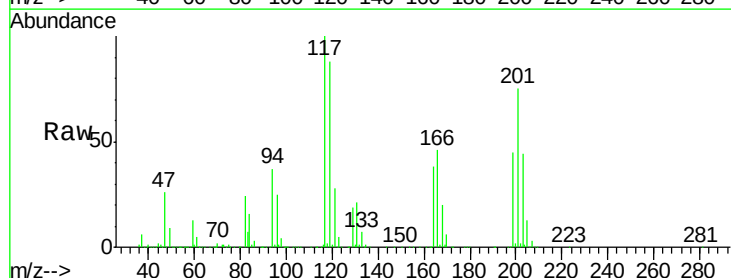
RT: 12.58 min Scan# 1885

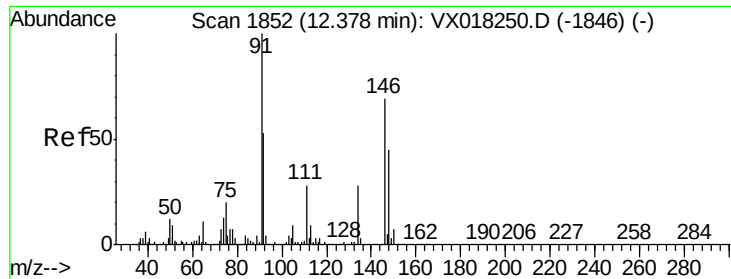
Delta R.T. -0.00 min

Lab File: VX018373.D

Acq: 11 Sep 2020 20:01

Tgt Ion:	117	Resp:	72403
Ion Ratio	Lower	Upper	
117	100		
201	80.7	39.6	118.8





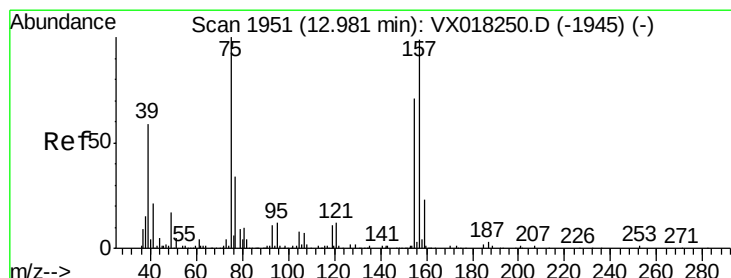
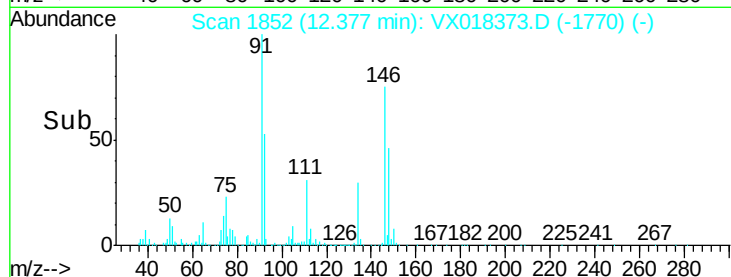
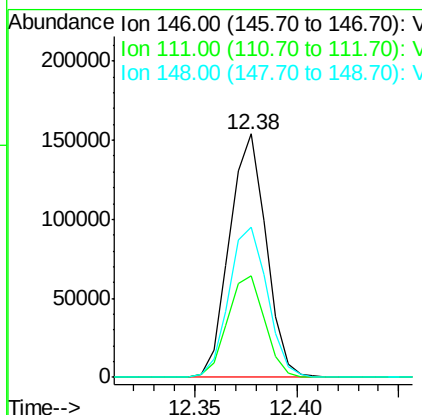
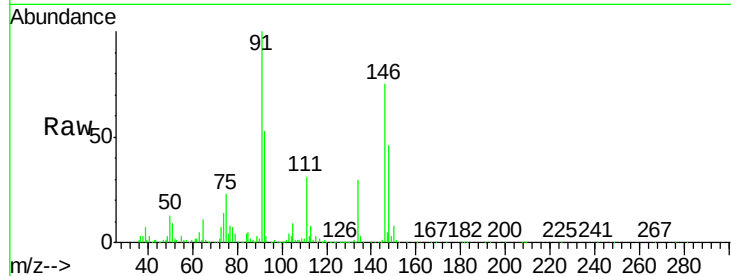
#87
 1,2-Dichlorobenzene
 Concen: 19.904 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	146	Resp:	191653
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.4	64.3
148	64.5	32.0	96.2

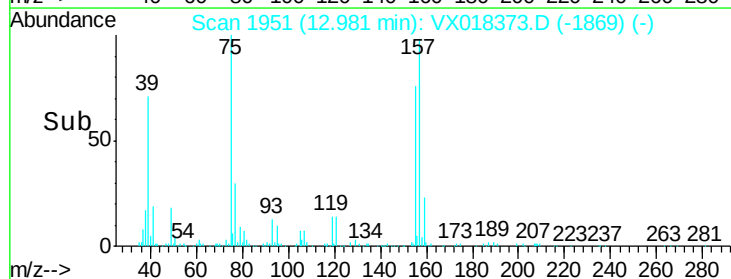
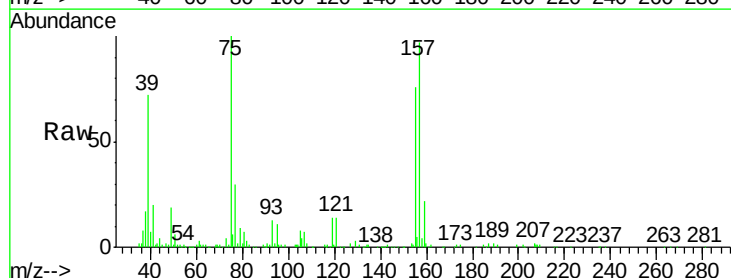
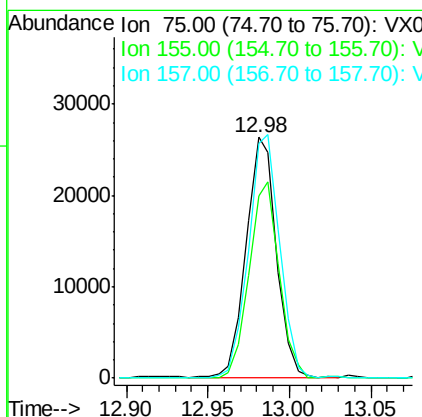
Manual Integrations
 APPROVED

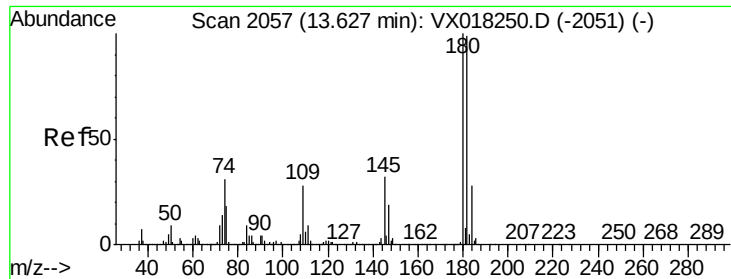
MMDadoda
 9/14/2020 12:10:01 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.612 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion:	75	Resp:	34419
Ion Ratio	Lower	Upper	
75	100		
155	80.4	63.4	95.2
157	103.6	87.0	130.6





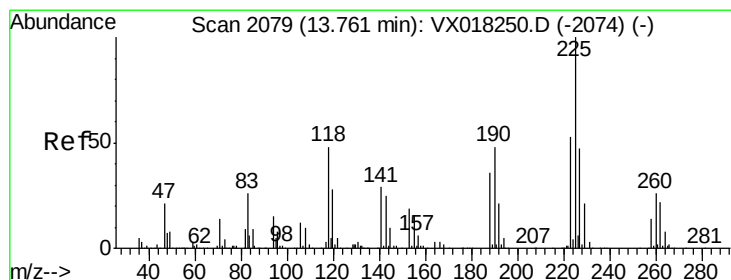
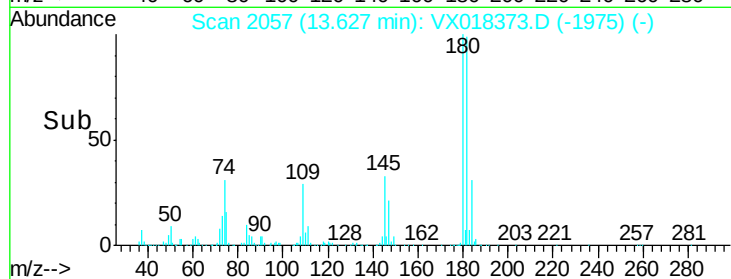
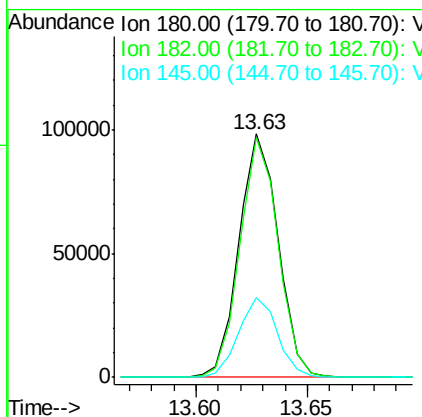
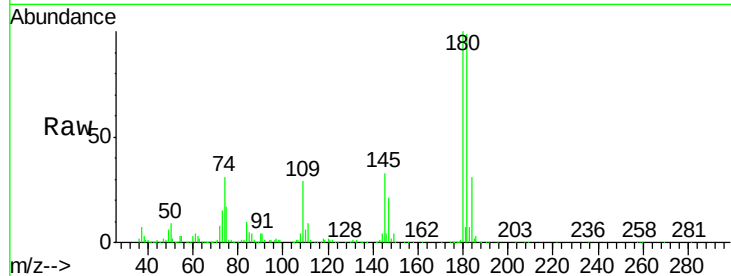
#89
 1,2,4-Trichlorobenzene
 Concen: 18.538 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	180	Resp:	120765
Ion Ratio	Lower	Upper	
180	100		
182	96.1	77.1	115.7
145	32.6	25.0	37.6

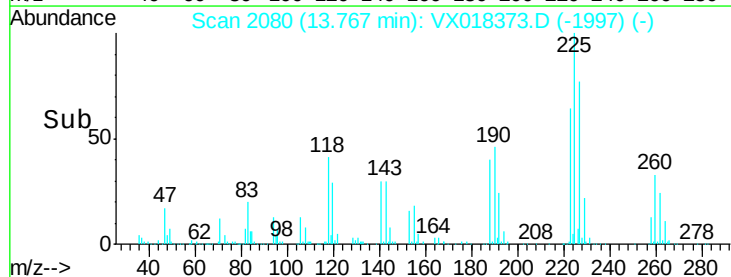
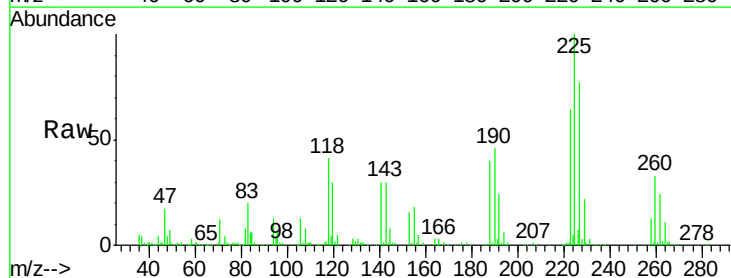
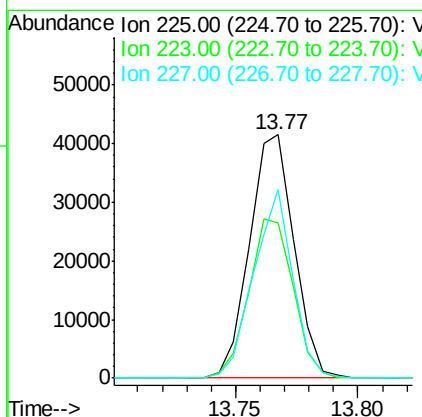
Manual Integrations
 APPROVED

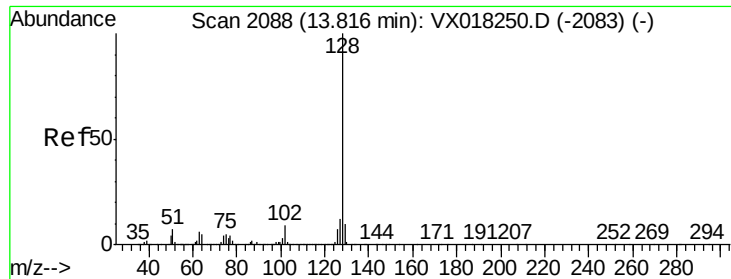
MMDadoda
 9/14/2020 12:10:01 PM



#90
 Hexachlorobutadiene
 Concen: 19.196 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018373.D
 Acq: 11 Sep 2020 20:01

Tgt Ion:	225	Resp:	52894
Ion Ratio	Lower	Upper	
225	100		
223	65.1	0.0	115.8
227	67.9	0.0	117.0





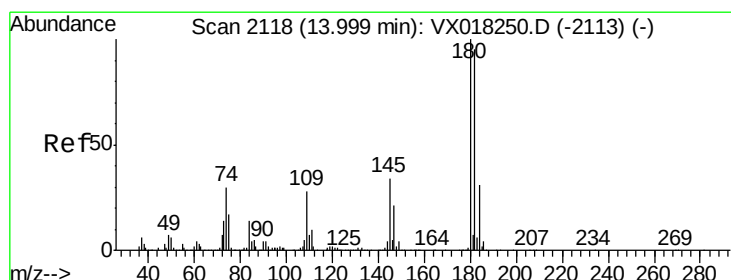
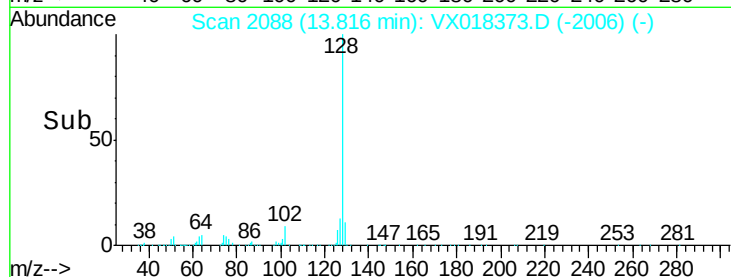
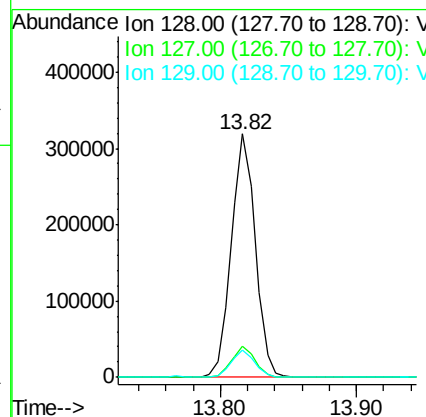
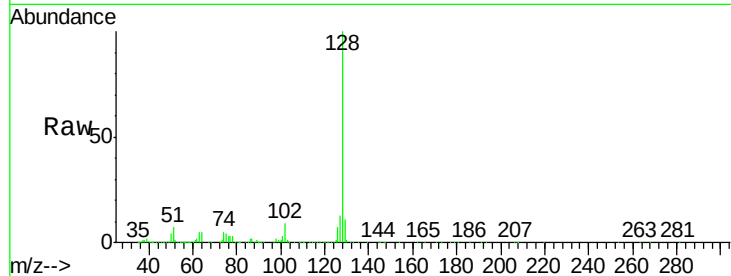
#91
Naphthalene
Concen: 19.194 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	390223		
127	12.6		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:10:01 PM



#92
1,2,3-Trichlorobenzene
Concen: 19.518 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018373.D
Acq: 11 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125790		
182	90.0		0.0	191.6
145	32.7		0.0	67.4

