

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070920\
 Data File : VX017315.D
 Acq On : 09 Jul 2020 18:04
 Operator : JC/SP
 Sample : VX0709WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:08 PM

Quant Time: Jul 10 07:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	300582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174652	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.46	113	142048	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.70	98	507601	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	11.12	95	198224	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45466	15.635	ug/l	98
3) Chloromethane	1.32	50	47523	13.501	ug/l	99
4) Vinyl Chloride	1.39	62	48666	14.902	ug/l	97
5) Bromomethane	1.63	94	34574	20.038	ug/l	99
6) Chloroethane	1.71	64	32121	16.653	ug/l	95
7) Trichlorofluoromethane	1.92	101	87993	18.218	ug/l	97
8) Diethyl Ether	2.17	74	30309	18.879	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50466	17.433	ug/l	96
10) Methyl Iodide	2.50	142	45844	12.273	ug/l	100
11) Tert butyl alcohol	3.01	59	61230	86.616	ug/l	98
12) 1,1-Dichloroethene	2.36	96	49100	16.511	ug/l	99
13) Acrolein	2.28	56	26323	62.291	ug/l	98
14) Allyl chloride	2.71	41	85869	15.624	ug/l	98
15) Acrylonitrile	3.12	53	147885	87.022	ug/l	99
16) Acetone	2.42	43	123468	89.068	ug/l	98
17) Carbon Disulfide	2.55	76	125167	15.099	ug/l	100
18) Methyl Acetate	2.75	43	69281	19.145	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	173667	17.400	ug/l	100
20) Methylene Chloride	2.84	84	57468	17.568	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55105	16.697	ug/l	98
22) Diisopropyl ether	3.83	45	176598	17.361	ug/l	93
23) Vinyl Acetate	3.79	43	754730	86.345	ug/l	98
24) 1,1-Dichloroethane	3.67	63	98979	17.101	ug/l	99
25) 2-Butanone	4.64	43	202288	87.578	ug/l	99
26) 2,2-Dichloropropane	4.56	77	89431	17.402	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	62601	16.741	ug/l	99
28) Bromochloromethane	4.98	49	49720	17.653	ug/l	# 99
29) Tetrahydrofuran	5.09	42	131794	86.358	ug/l	98
30) Chloroform	5.18	83	104340	17.586	ug/l	97
31) Cyclohexane	5.55	56	77201	15.431	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	95156	17.415	ug/l	98
36) 1,1-Dichloropropene	5.77	75	71931	16.929	ug/l	96
37) Ethyl Acetate	4.79	43	77952	18.081	ug/l	98
38) Carbon Tetrachloride	5.75	117	87995	18.802	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070920\
 Data File : VX017315.D
 Acq On : 09 Jul 2020 18:04
 Operator : JC/SP
 Sample : VX0709WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0709WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:08 PM

Quant Time: Jul 10 07:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76829	16.251	ug/l	99
40) Benzene	6.12	78	216696	17.357	ug/l	97
41) Methacrylonitrile	5.01	41	43711	18.015	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84424	18.721	ug/l	100
43) Isopropyl Acetate	6.42	43	125772	17.556	ug/l	98
44) Trichloroethene	7.19	130	64657	18.573	ug/l	100
45) 1,2-Dichloropropane	7.49	63	57484	17.927	ug/l	98
46) Dibromomethane	7.64	93	39955	18.251	ug/l	95
47) Bromodichloromethane	7.88	83	83029	18.404	ug/l	95
48) Methyl methacrylate	7.74	41	62824	18.459	ug/l	98
49) 1,4-Dioxane	7.71	88	25786	334.423	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	407855	95.508	ug/l	100
52) Toluene	8.76	92	140670	18.047	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91403	18.363	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	96949	18.169	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	59597	18.714	ug/l	99
56) Ethyl methacrylate	9.16	69	84515	18.645	ug/l	98
57) 1,3-Dichloropropane	9.35	76	97753	18.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	213387	94.589	ug/l	99
59) 2-Hexanone	9.47	43	304396	97.600	ug/l	98
60) Dibromochloromethane	9.57	129	70647	19.100	ug/l	98
61) 1,2-Dibromoethane	9.65	107	62360	18.217	ug/l	99
64) Tetrachloroethene	9.32	164	64049	18.886	ug/l	99
65) Chlorobenzene	10.12	112	156506	18.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	62692	18.757	ug/l	99
67) Ethyl Benzene	10.24	91	261132	18.030	ug/l	99
68) m/p-Xylenes	10.34	106	201892	36.303	ug/l	96
69) o-Xylene	10.68	106	92887	17.558	ug/l	95
70) Styrene	10.70	104	165810	18.405	ug/l	99
71) Bromoform	10.84	173	53053	20.016	ug/l #	99
73) Isopropylbenzene	11.00	105	265909	17.789	ug/l	99
74) N-amyl acetate	10.88	43	107801	16.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84356	17.940	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	83752m	18.663	ug/l	
77) Bromobenzene	11.24	156	73917	17.992	ug/l	95
78) n-propylbenzene	11.34	91	297788	17.617	ug/l	99
79) 2-Chlorotoluene	11.40	91	178242	17.423	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	226804	18.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	29495	17.020	ug/l	95
82) 4-Chlorotoluene	11.49	91	220081	17.995	ug/l	99
83) tert-Butylbenzene	11.76	119	217306	17.854	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	231454	18.400	ug/l	100
85) sec-Butylbenzene	11.93	105	249776	17.458	ug/l	100
86) p-Isopropyltoluene	12.05	119	240000	18.019	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	133265	17.860	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	136902	19.338	ug/l	99
89) n-Butylbenzene	12.37	91	202755	17.049	ug/l	99
90) Hexachloroethane	12.58	117	46348	17.646	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	127355	18.260	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21003	18.724	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070920\
Data File : VX017315.D
Acq On : 09 Jul 2020 18:04
Operator : JC/SP
Sample : VX0709WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM

Quant Time: Jul 10 07:15:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84894	17.833	ug/l	99
94) Hexachlorobutadiene	13.77	225	36485	20.698	ug/l	94
95) Naphthalene	13.82	128	260826	18.022	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	84736	18.393	ug/l	100

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

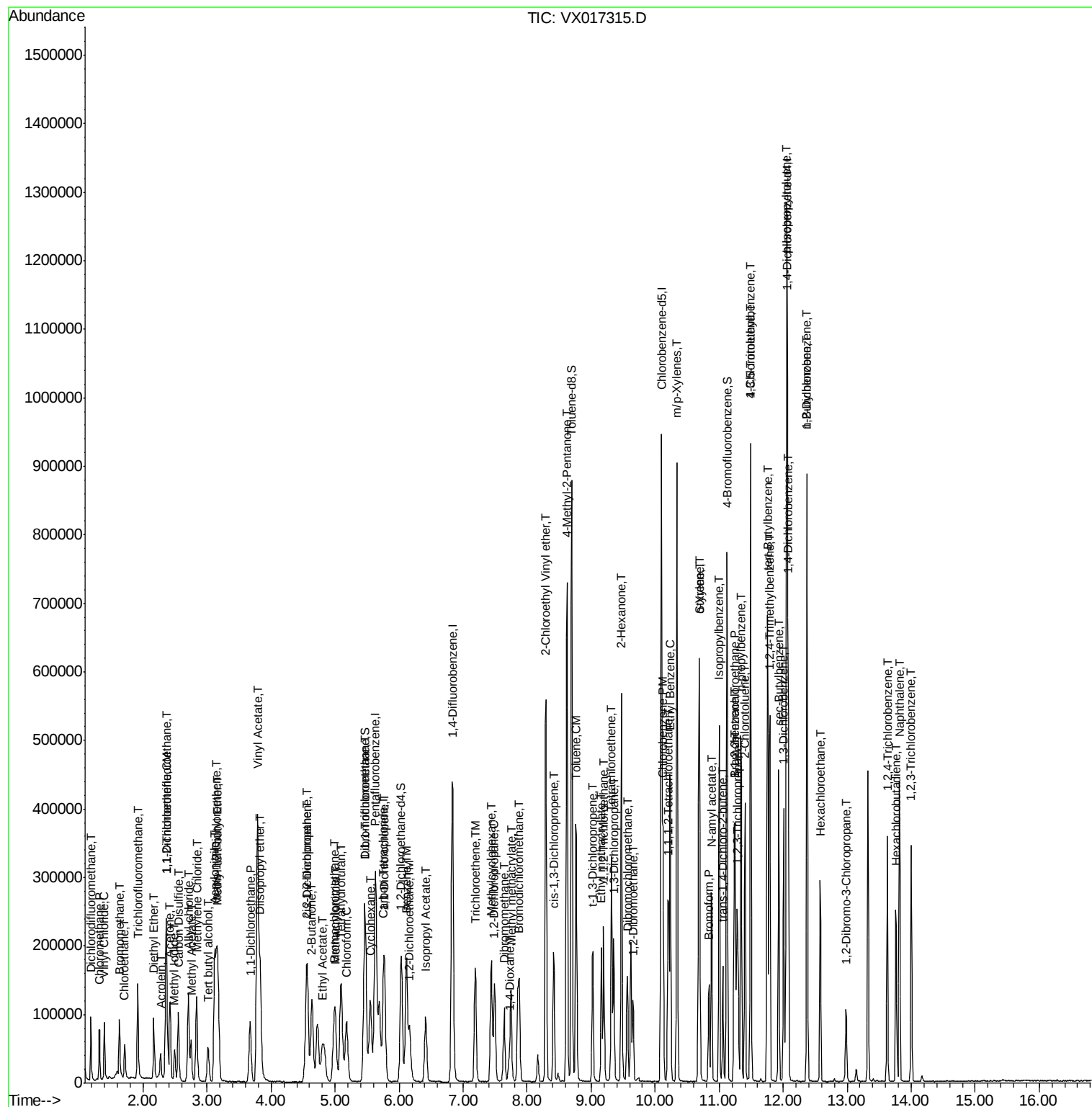
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070920\
Data File : VX017315.D
Acq On : 09 Jul 2020 18:04
Operator : JC/SP
Sample : VX0709WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0709WBSD02

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM

Quant Time: Jul 10 07:15:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion:168 Resp: 300582

Ion Ratio Lower Upper

168 100

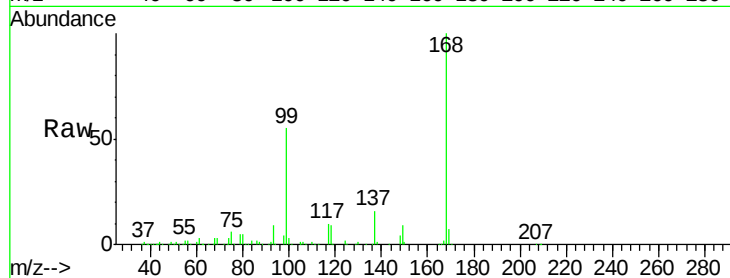
99 55.3 42.6 64.0

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

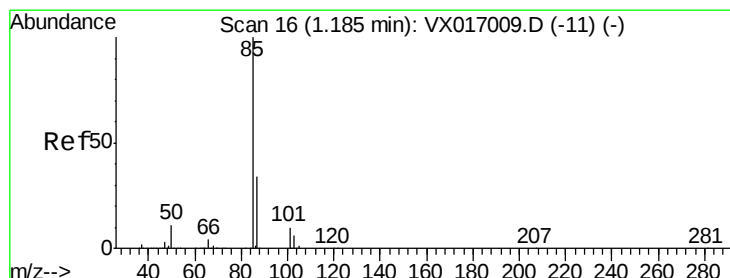
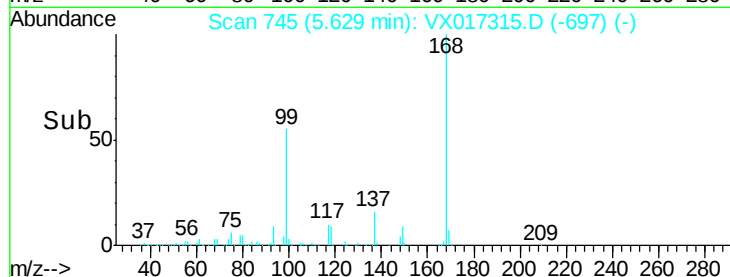
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.635 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017315.D

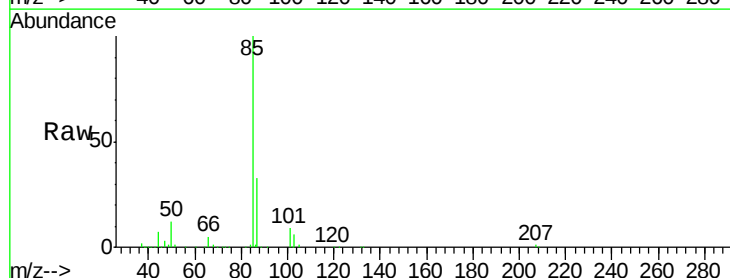
Acq: 09 Jul 2020 18:04

Tgt Ion: 85 Resp: 45466

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

10000

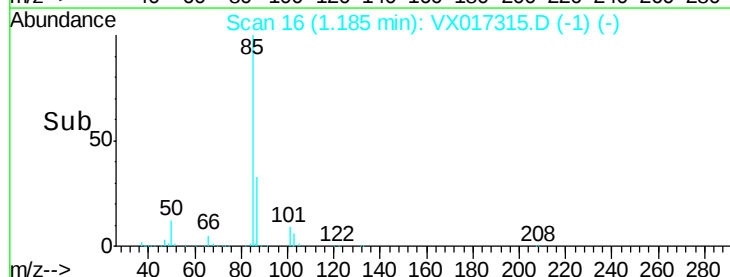
0

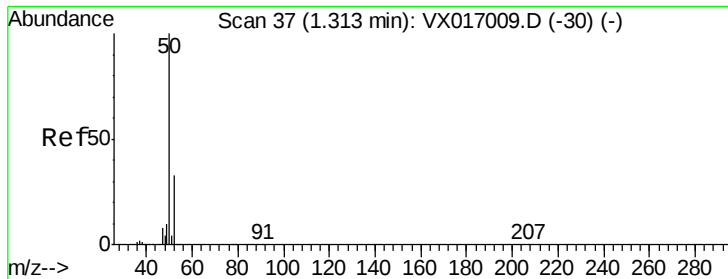
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 13.501 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 50 Resp: 47523

Ion Ratio Lower Upper

50 100

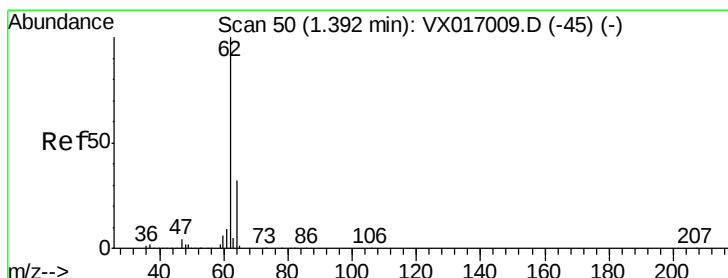
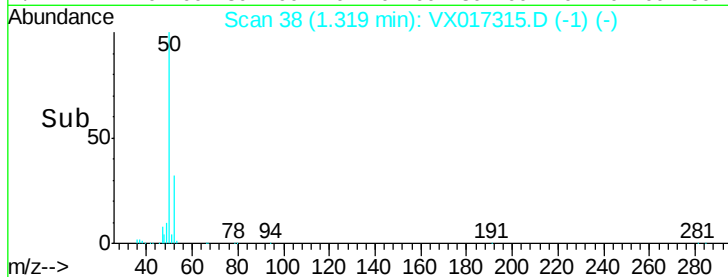
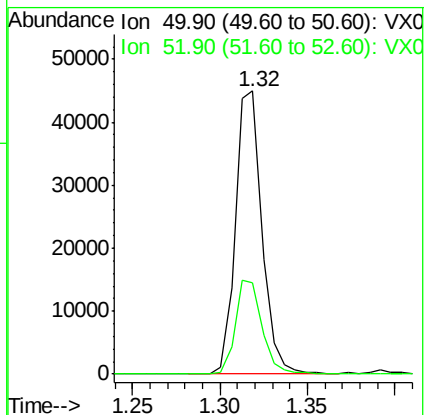
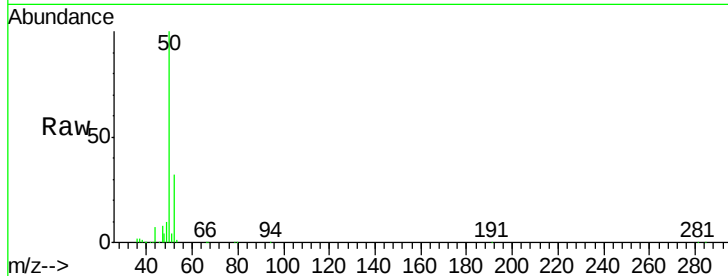
52 32.1 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#4

Vinyl Chloride

Concen: 14.902 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017315.D

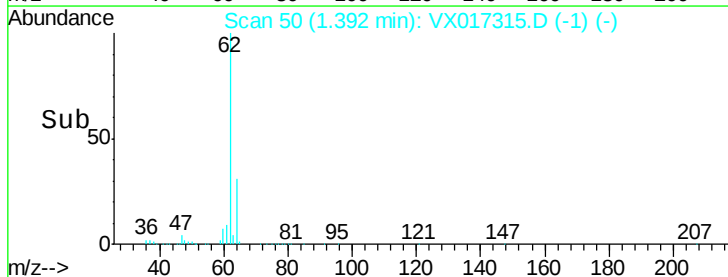
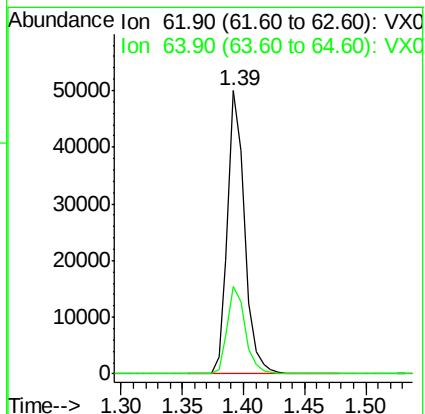
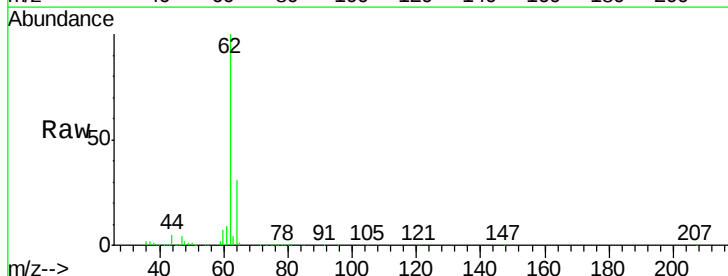
Acq: 09 Jul 2020 18:04

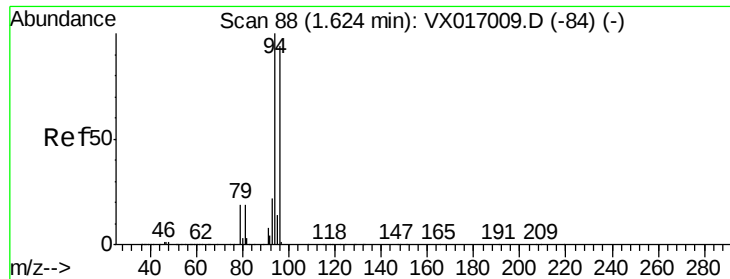
Tgt Ion: 62 Resp: 48666

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9





#5

Bromomethane

Concen: 20.038 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 94 Resp: 34574

Ion Ratio Lower Upper

94 100

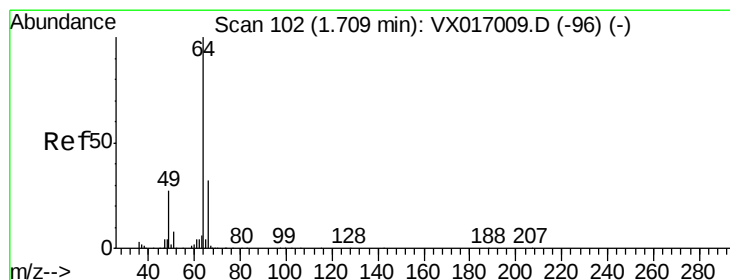
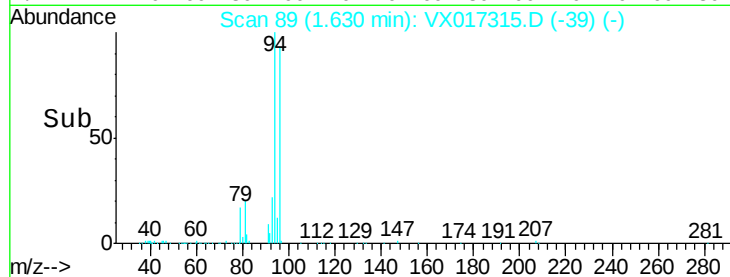
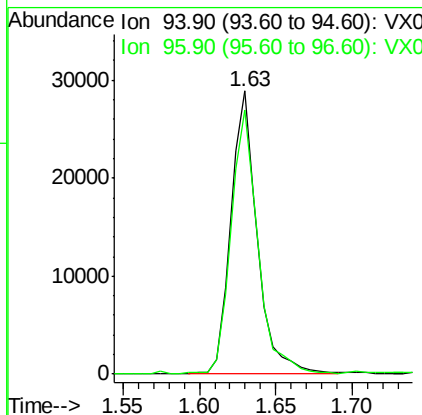
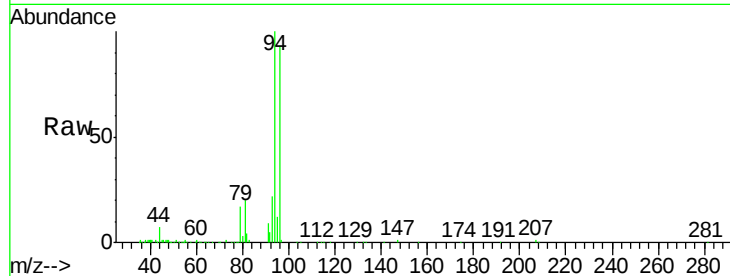
96 93.0 75.0 112.4

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#6

Chloroethane

Concen: 16.653 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017315.D

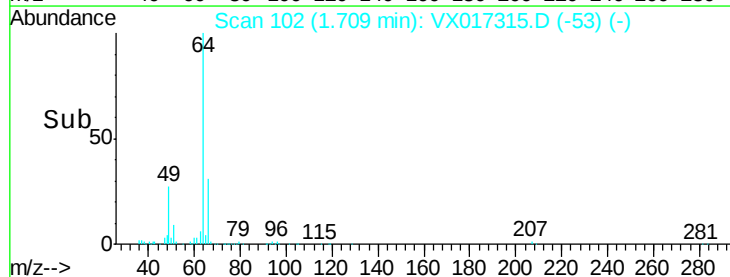
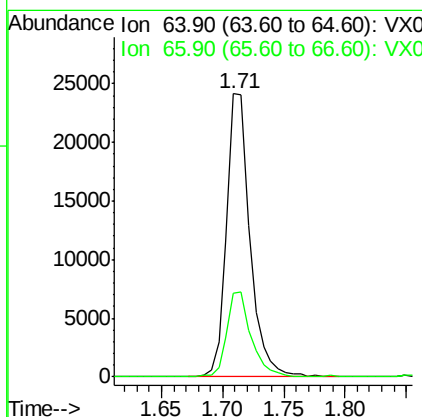
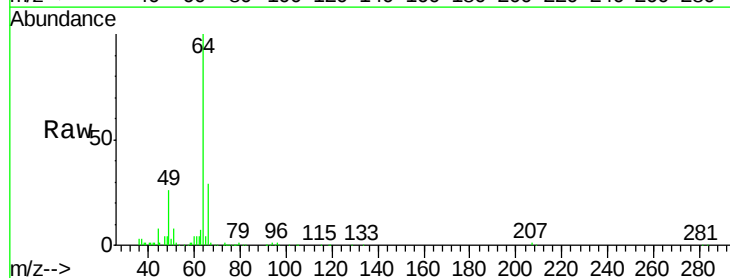
Acq: 09 Jul 2020 18:04

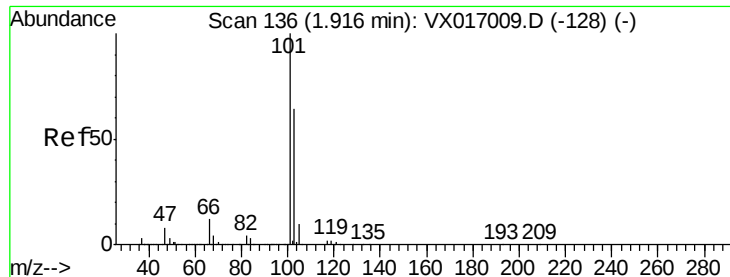
Tgt Ion: 64 Resp: 32121

Ion Ratio Lower Upper

64 100

66 29.1 25.5 38.3





#7

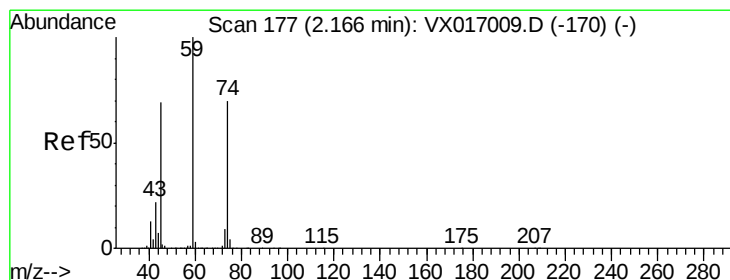
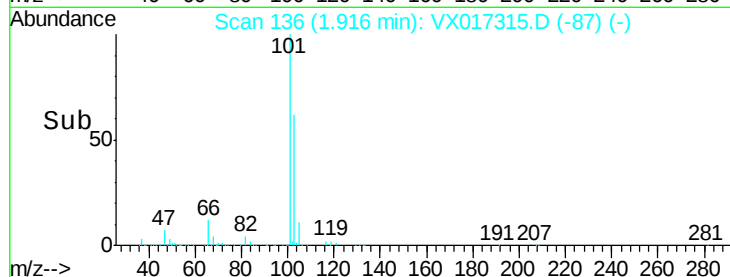
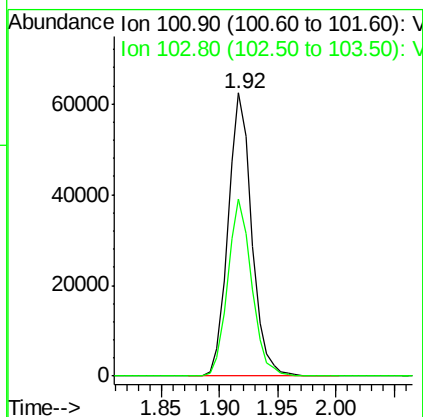
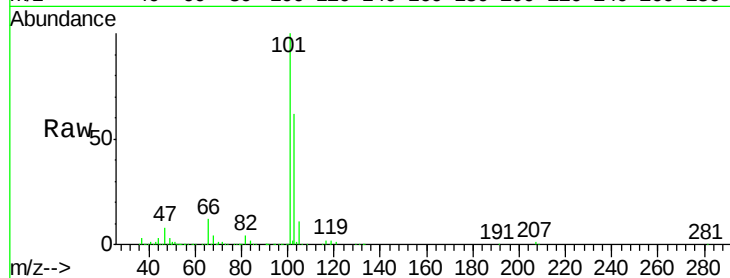
Trichlorofluoromethane
 Concen: 18.218 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.5	77.3

Manual Integrations
 APPROVED

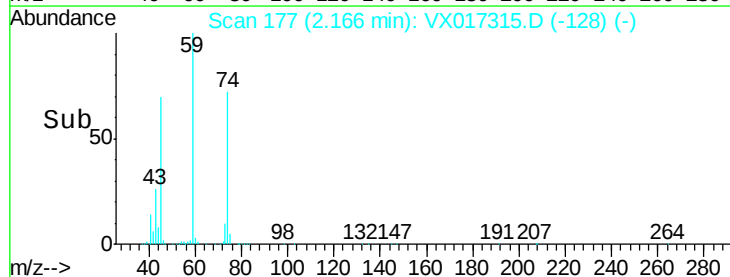
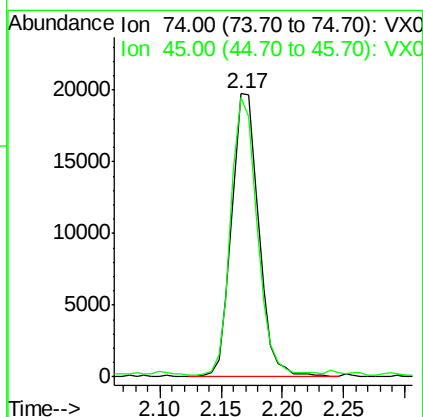
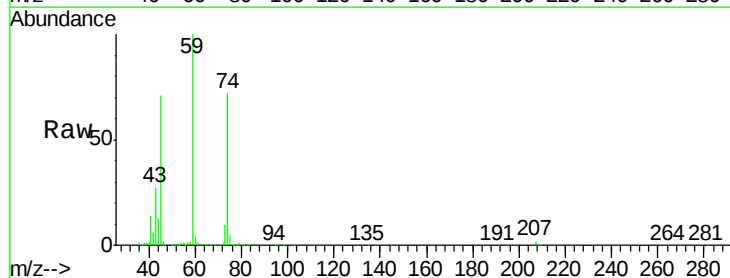
MMDadoda
 7/10/2020 12:37:08 PM

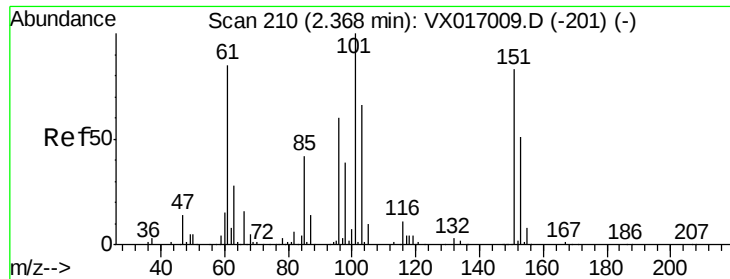


#8

Diethyl Ether
 Concen: 18.879 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.433 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

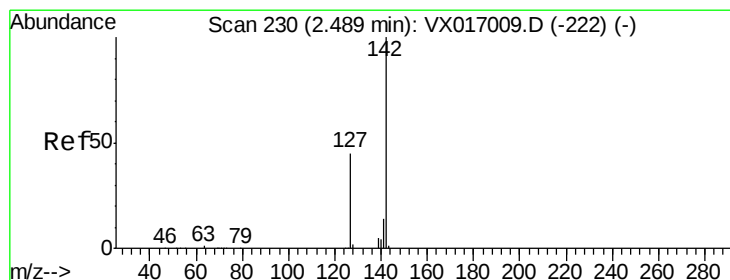
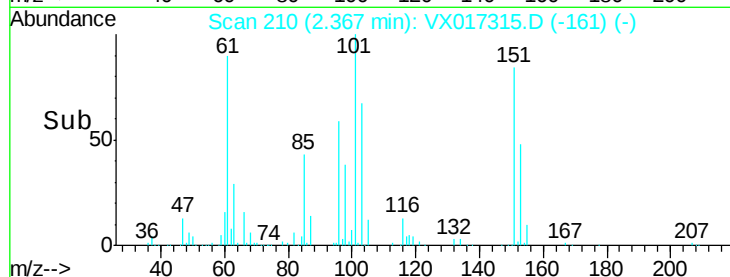
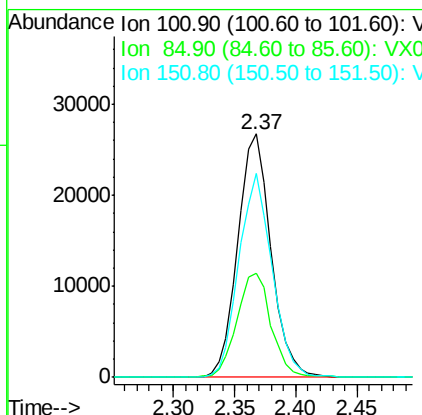
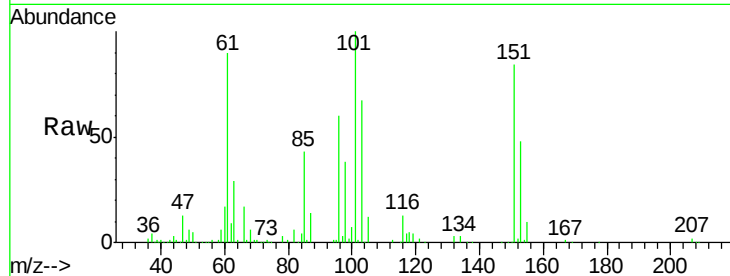
ClientSampleId :

VX0709WBSD02

Tot Ion:	101	Resp:	50466
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.5	50.3
151	83.8	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM



#10

Methyl Iodide

Concen: 12.273 ug/l

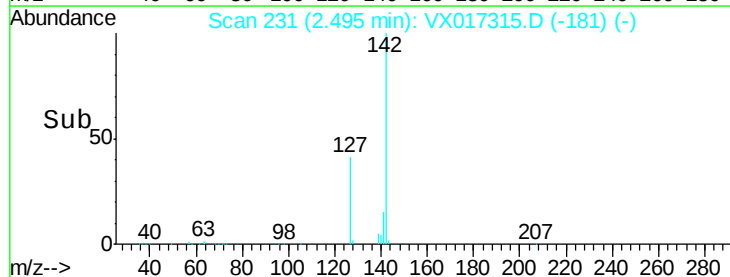
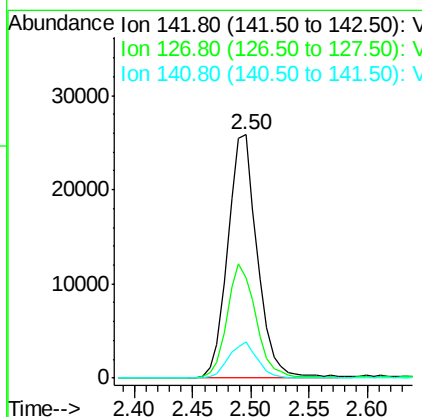
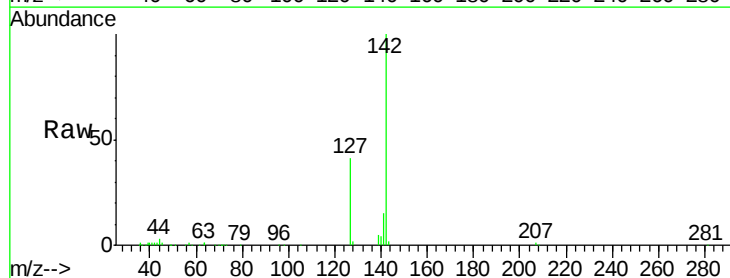
RT: 2.50 min Scan# 231

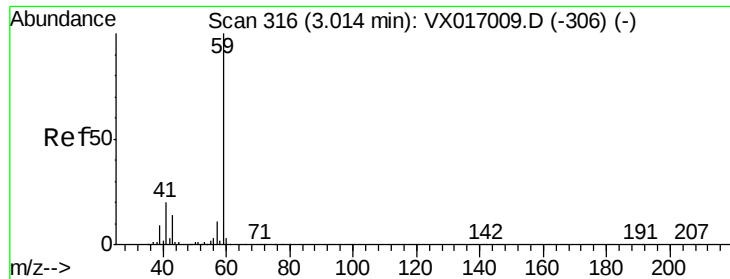
Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion:	142	Resp:	45844
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.6	54.8
141	14.1	11.6	17.4





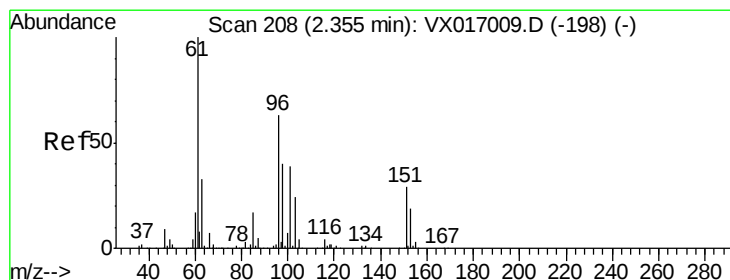
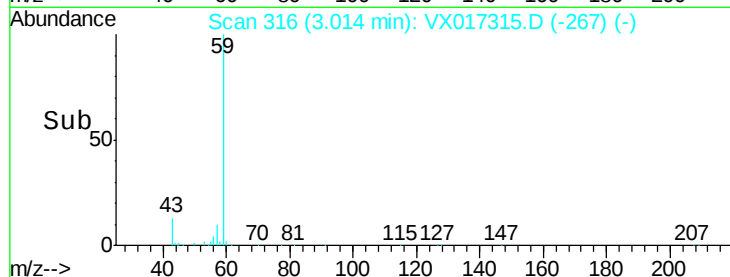
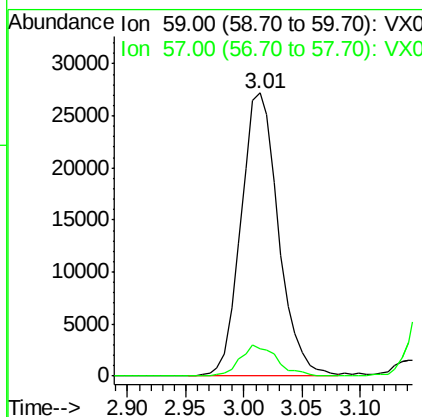
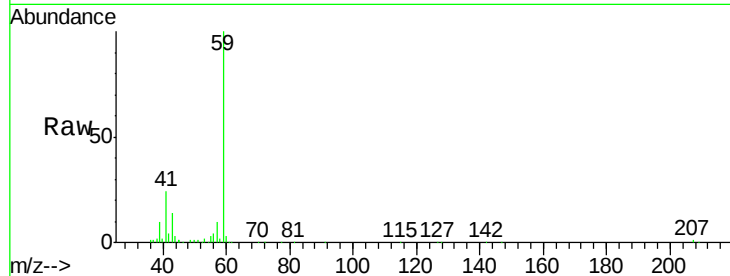
#11
Tert butyl alcohol
Concen: 86.616 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.2

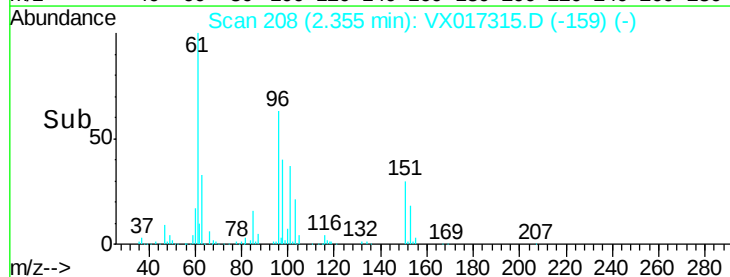
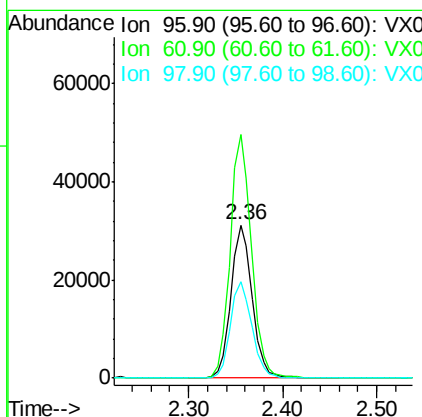
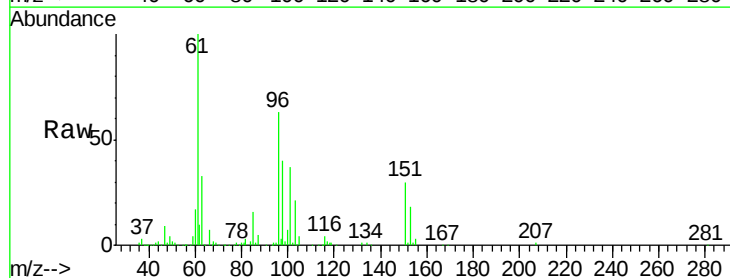
Manual Integrations
APPROVED

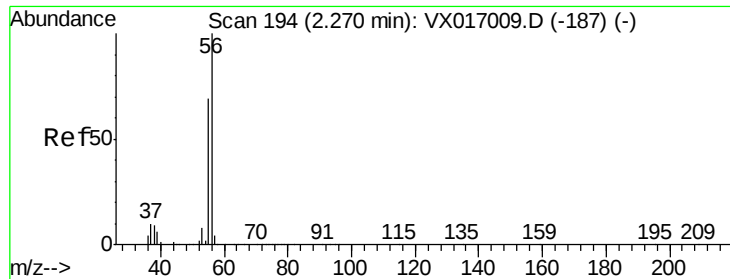
MMDadoda
7/10/2020 12:37:08 PM



#12
1,1-Dichloroethene
Concen: 16.511 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.3	126.3	189.5
98	63.3	51.0	76.6





#13

Acrolein

Concen: 62.291 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 56 Resp: 26323

Ion Ratio Lower Upper

56 100

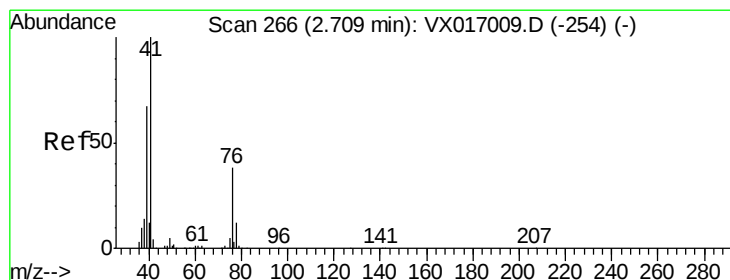
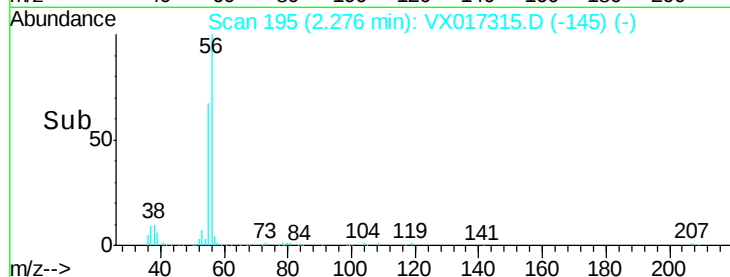
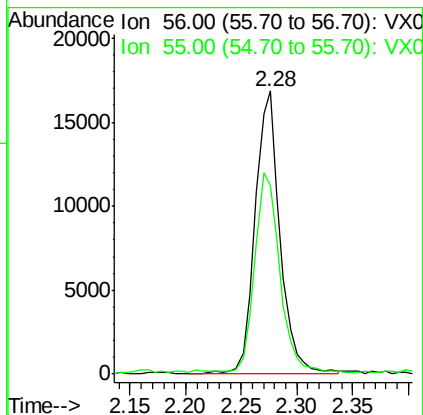
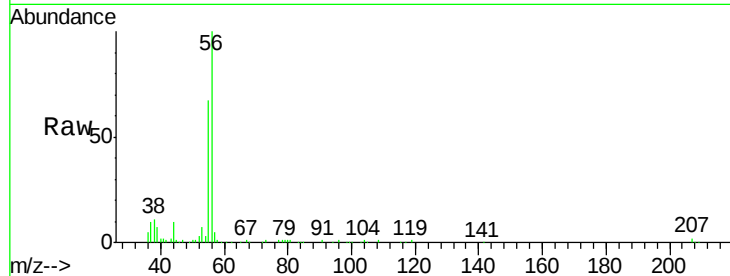
55 71.3 55.7 83.5

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#14

Allyl chloride

Concen: 15.624 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

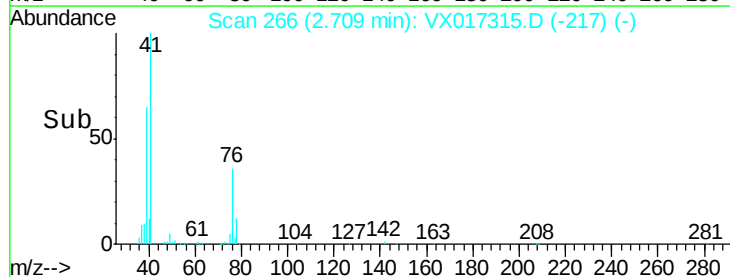
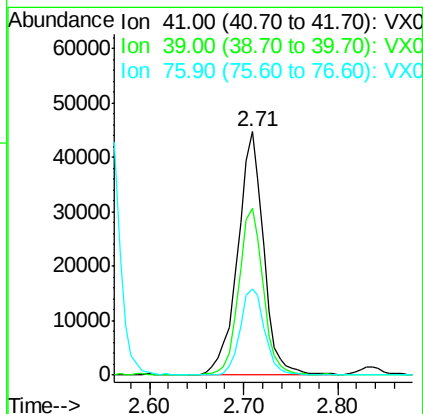
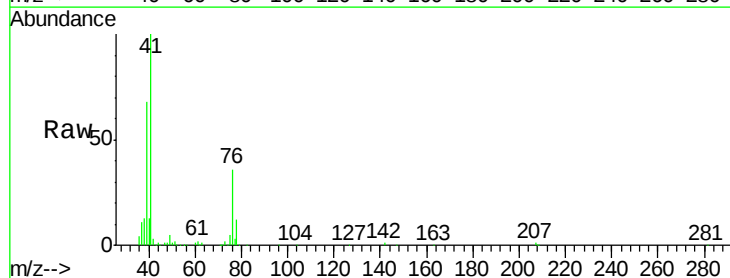
Tgt Ion: 41 Resp: 85869

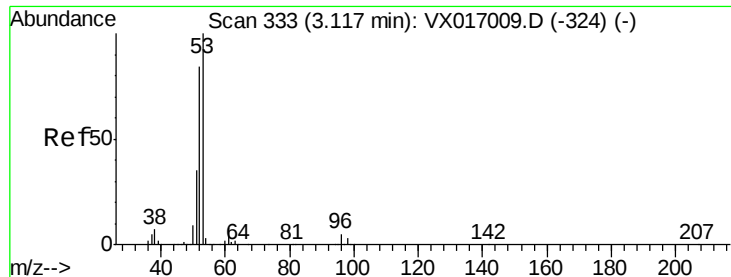
Ion Ratio Lower Upper

41 100

39 64.2 49.4 74.2

76 33.7 26.8 40.2





#15

Acrylonitrile

Concen: 87.022 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

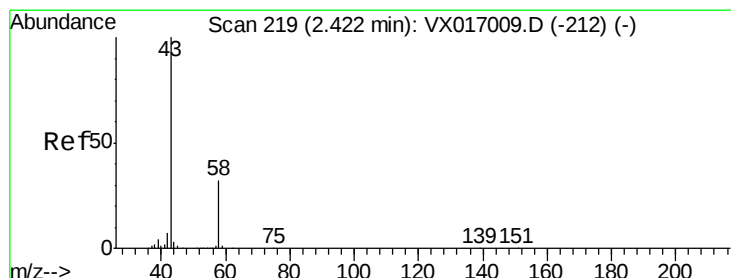
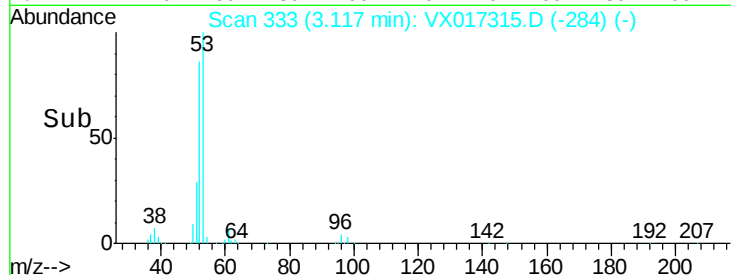
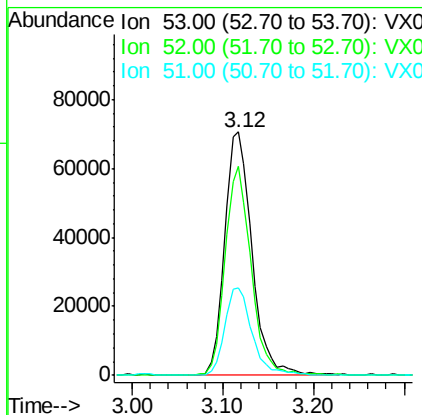
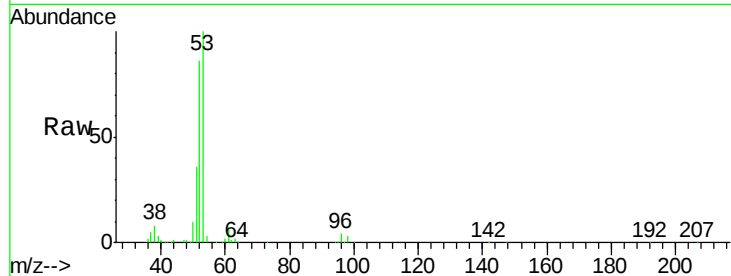
ClientSampleId :

VX0709WBSD02

Tot Ion:	53	Resp:	147885
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.6	98.4
51	36.1	28.3	42.5

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM



#16

Acetone

Concen: 89.068 ug/l

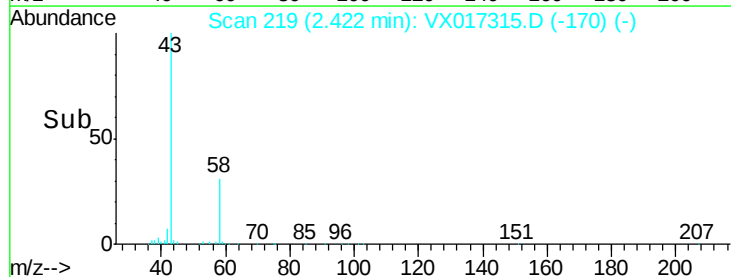
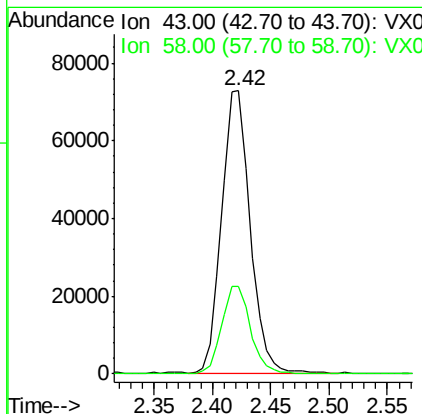
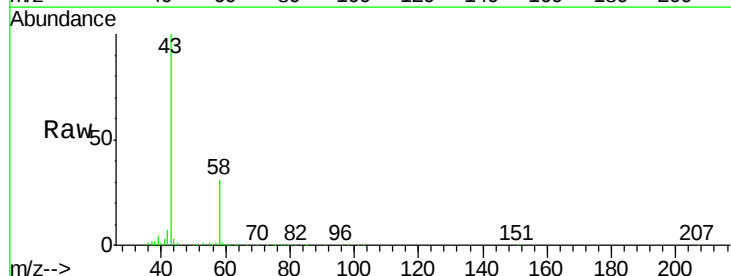
RT: 2.42 min Scan# 219

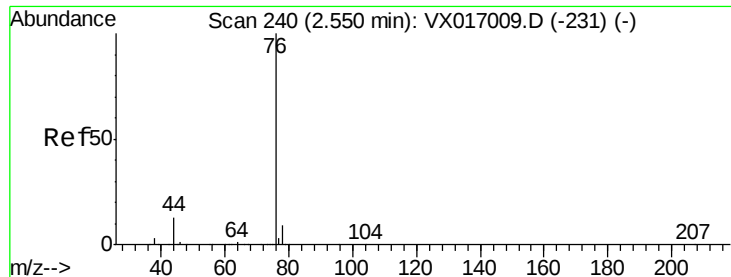
Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion:	43	Resp:	123468
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.7	38.5





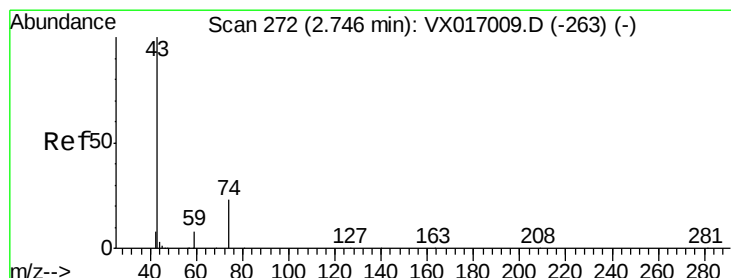
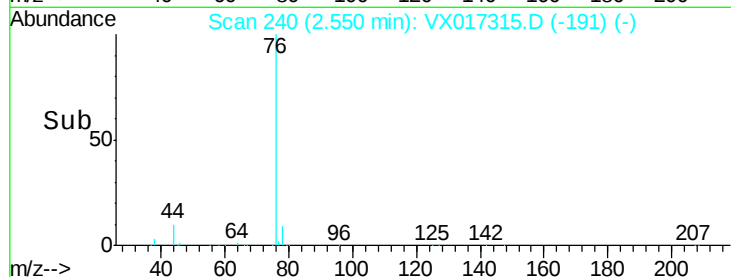
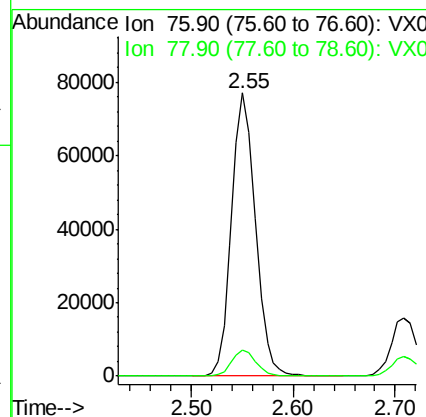
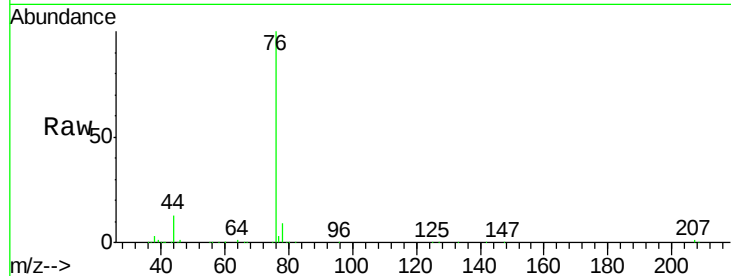
#17
Carbon Disulfide
Concen: 15.099 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

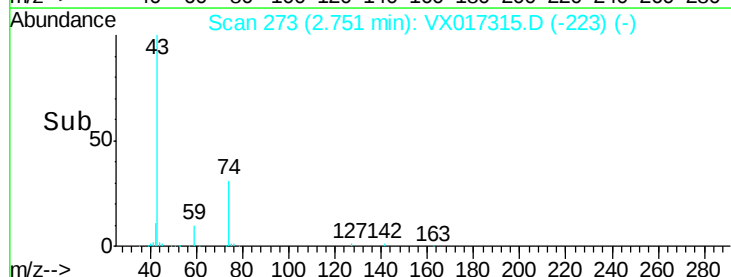
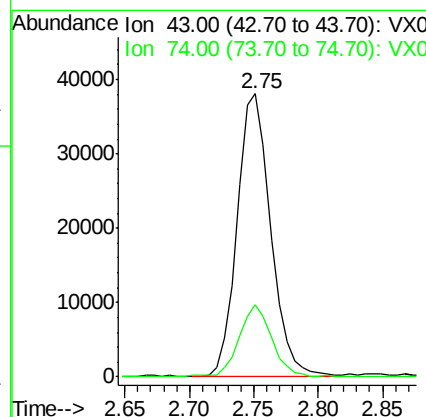
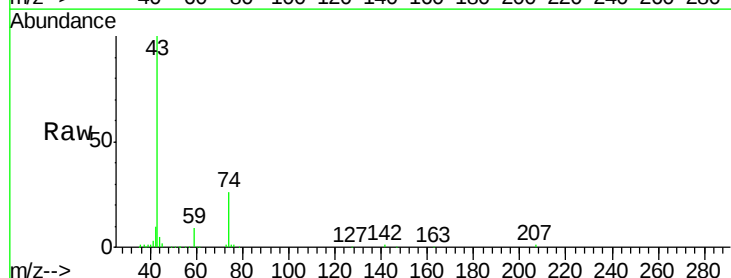
Manual Integrations
APPROVED

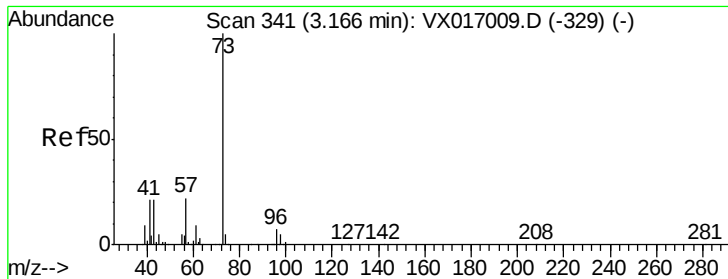
MMDadoda
7/10/2020 12:37:08 PM



#18
Methyl Acetate
Concen: 19.145 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.3	28.9





#19

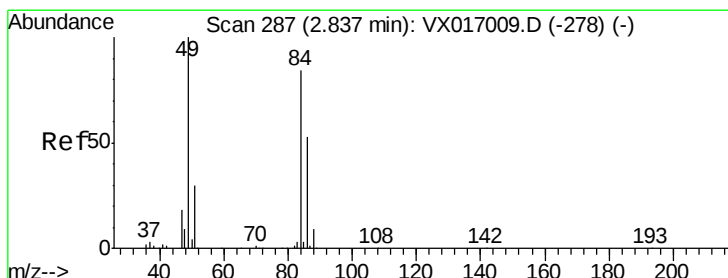
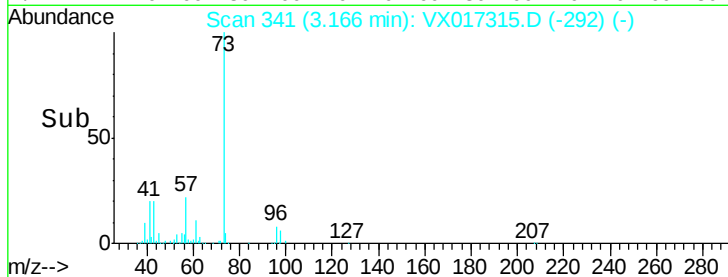
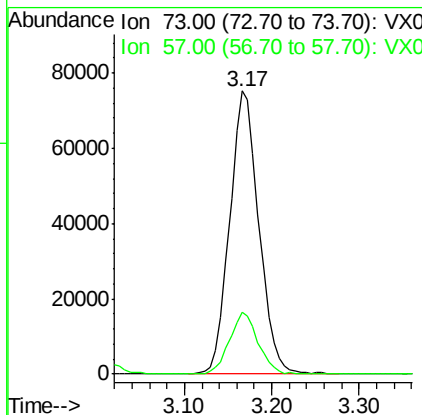
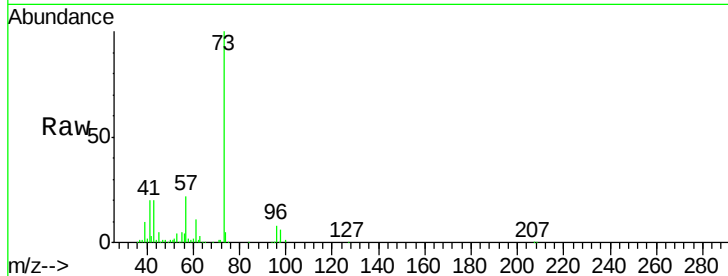
Methyl tert-butyl Ether
 Concen: 17.400 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.6	26.4

Manual Integrations
 APPROVED

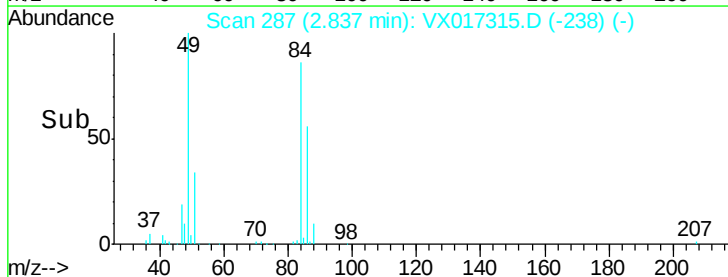
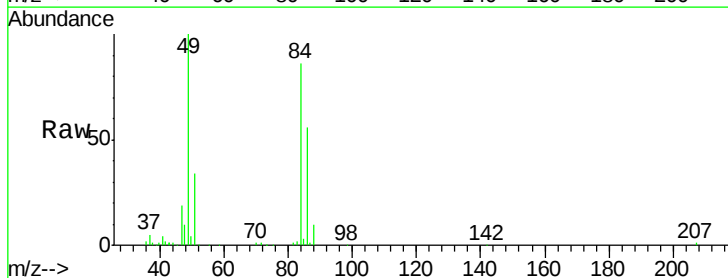
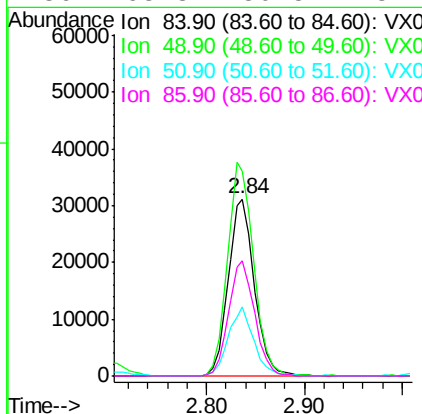
MMDadoda
 7/10/2020 12:37:08 PM

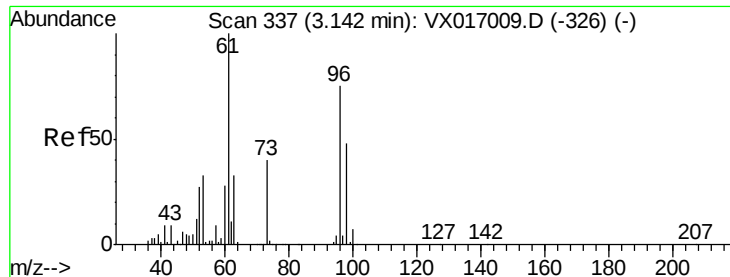


#20

Methylene Chloride
 Concen: 17.568 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	94.7	142.1
51	39.4	28.6	42.8
86	65.3	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 16.697 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 96 Resp: 55105

Ion Ratio Lower Upper

96 100

61 132.6 107.0 160.6

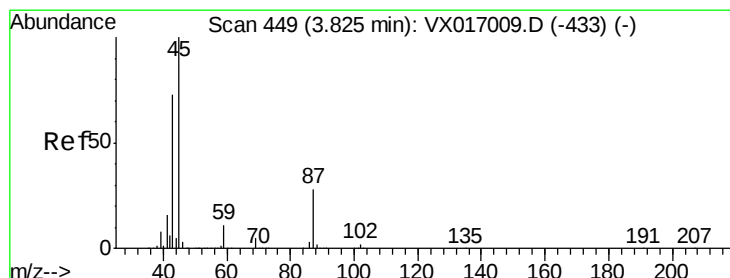
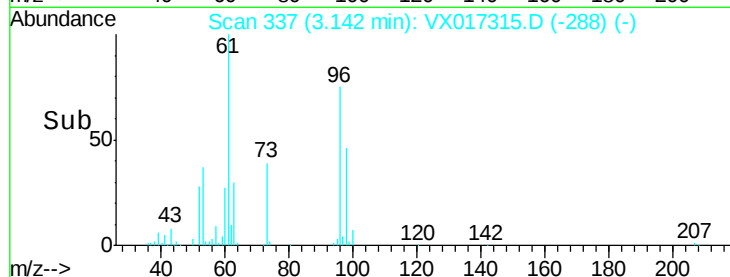
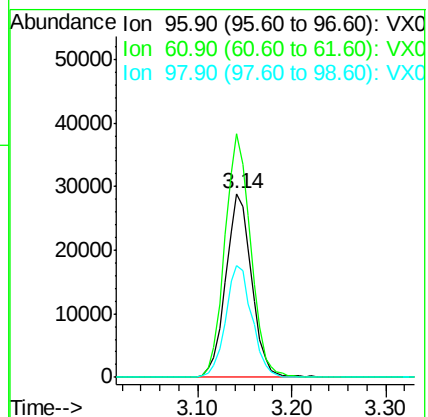
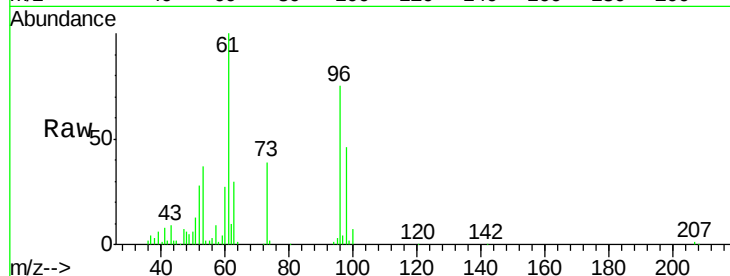
98 60.9 51.6 77.4

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#22

Diisopropyl ether

Concen: 17.361 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion: 45 Resp: 176598

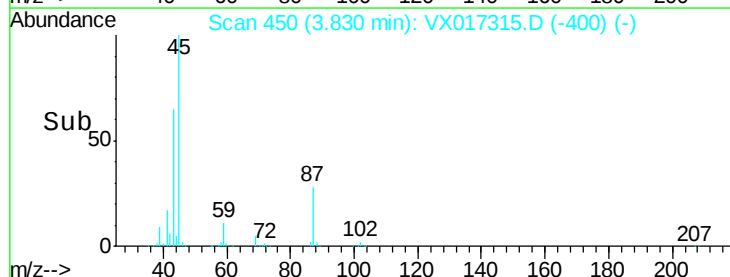
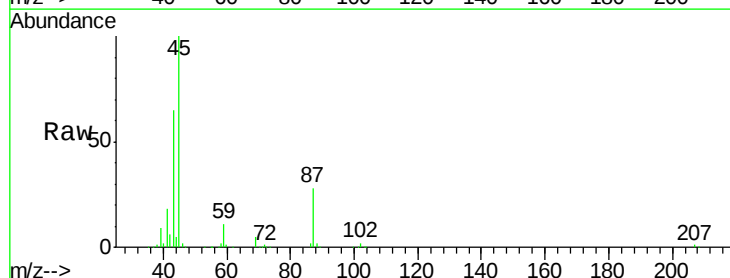
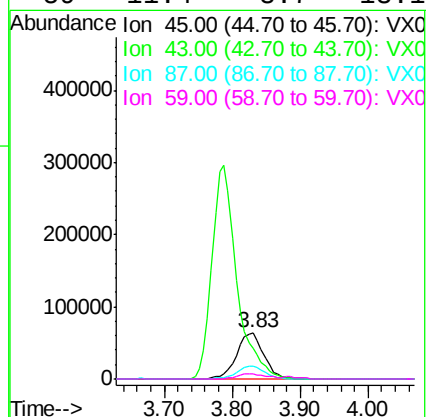
Ion Ratio Lower Upper

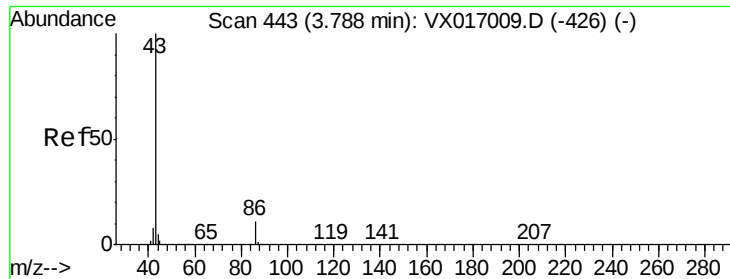
45 100

43 64.2 58.6 88.0

87 28.1 22.6 34.0

59 11.4 8.7 13.1





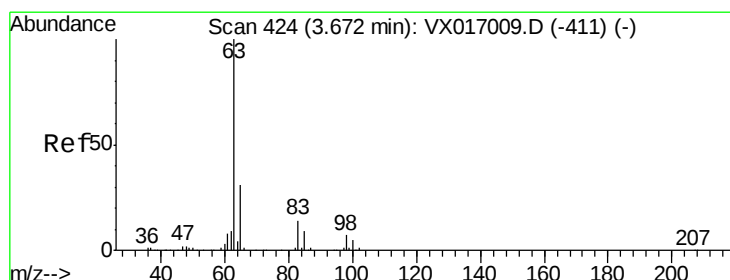
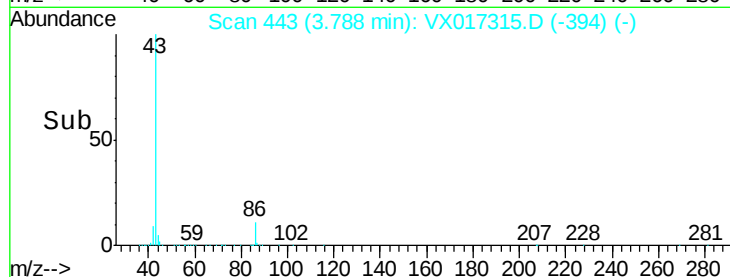
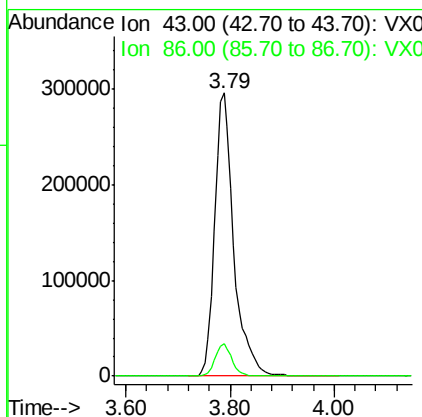
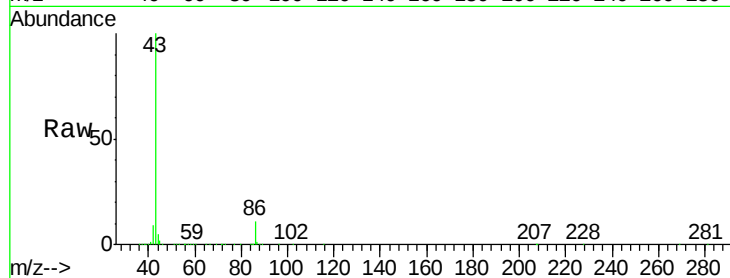
#23
 Vinyl Acetate
 Concen: 86.345 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion	43	Resp	754730
Ion Ratio	100	Lower	Upper
43	100		
86	11.4	8.6	13.0

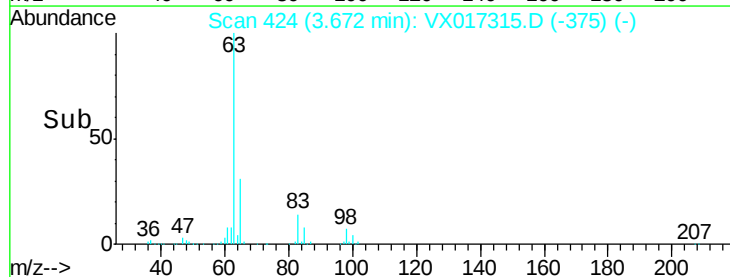
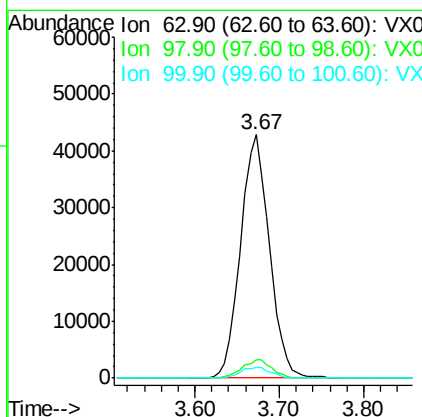
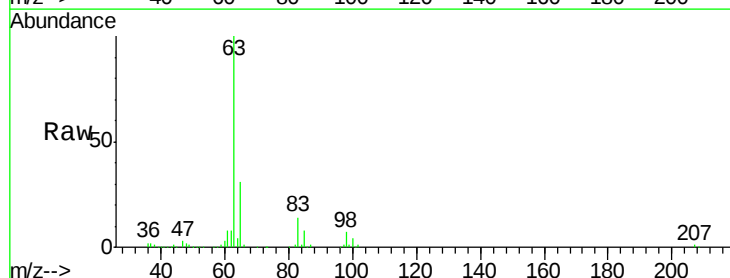
Manual Integrations
 APPROVED

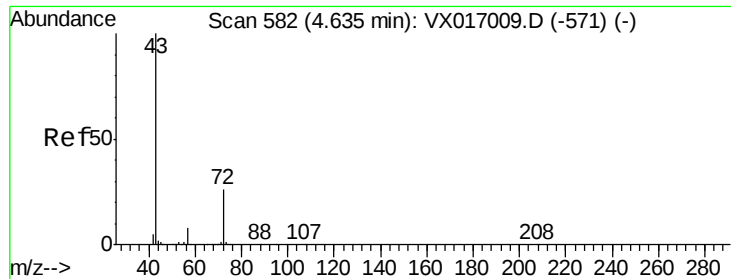
MMDadoda
 7/10/2020 12:37:08 PM



#24
 1,1-Dichloroethane
 Concen: 17.101 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion	63	Resp	98979
Ion Ratio	100	Lower	Upper
63	100		
98	7.4	3.6	10.8
100	4.3	2.4	7.1





#25

2-Butanone

Concen: 87.578 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 43 Resp: 202288

Ion Ratio Lower Upper

43 100

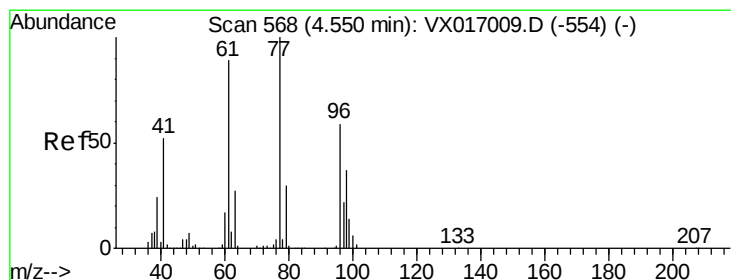
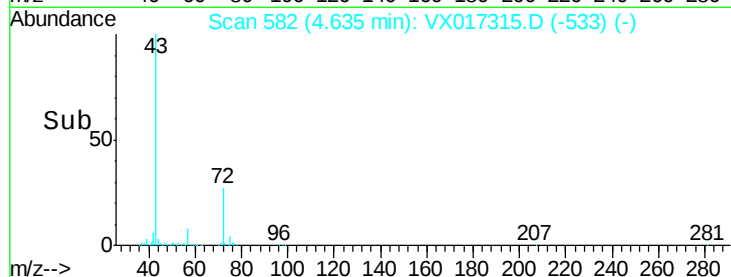
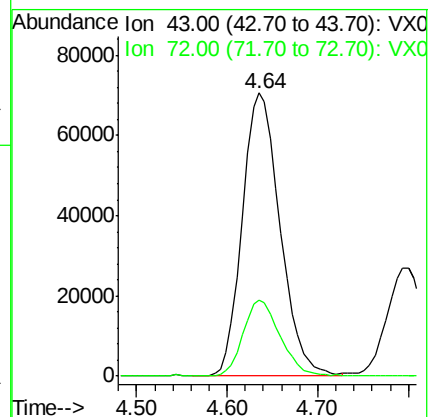
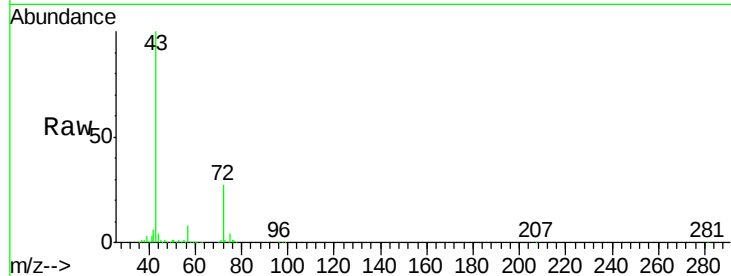
72 26.6 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#26

2,2-Dichloropropane

Concen: 17.402 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017315.D

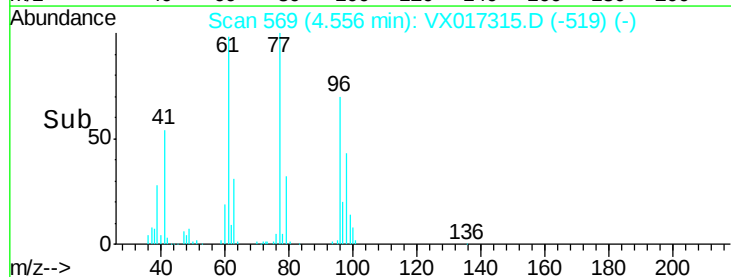
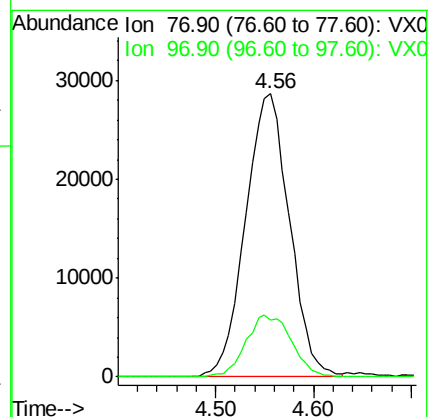
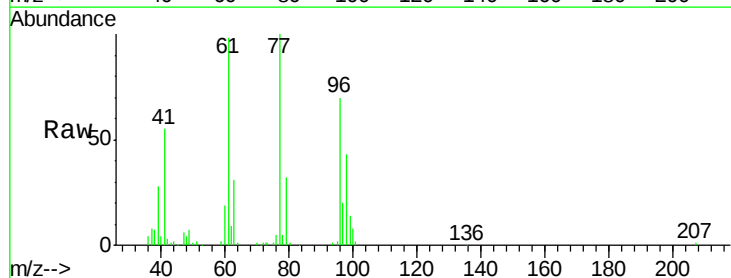
Acq: 09 Jul 2020 18:04

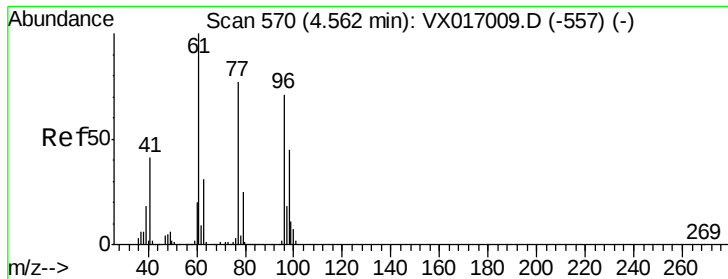
Tgt Ion: 77 Resp: 89431

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

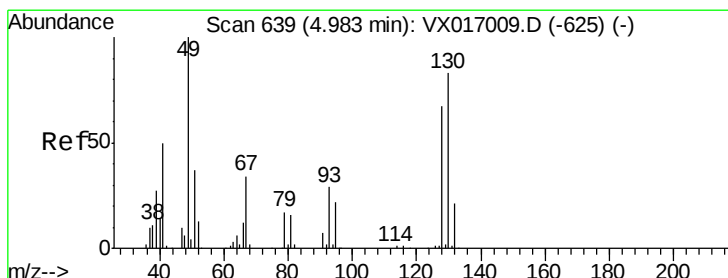
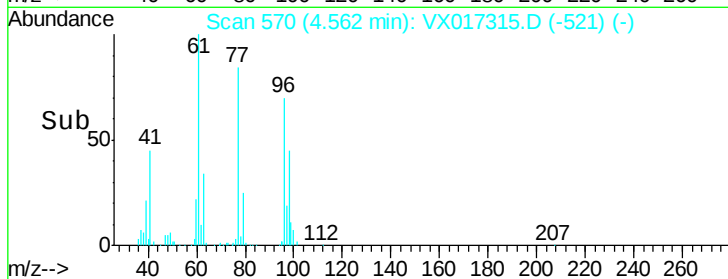
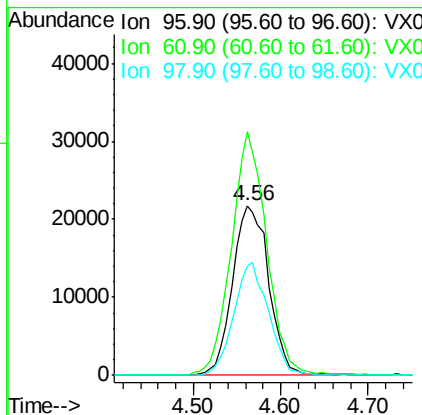
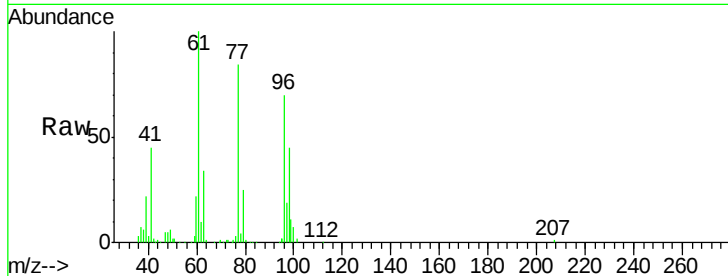
cis-1,2-Dichloroethene
Concen: 16.741 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	282.8
98	63.8	0.0	127.6

Manual Integrations
APPROVED

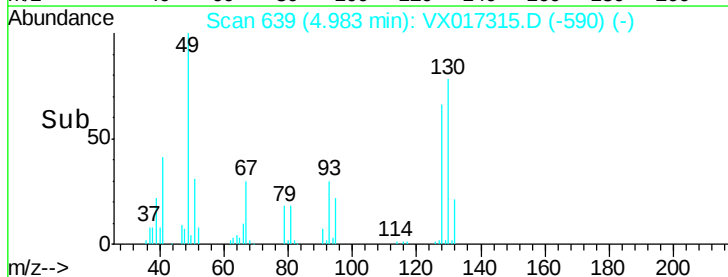
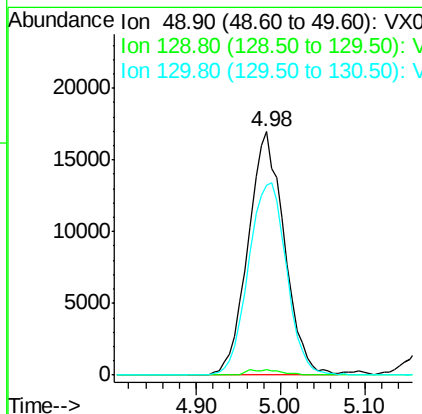
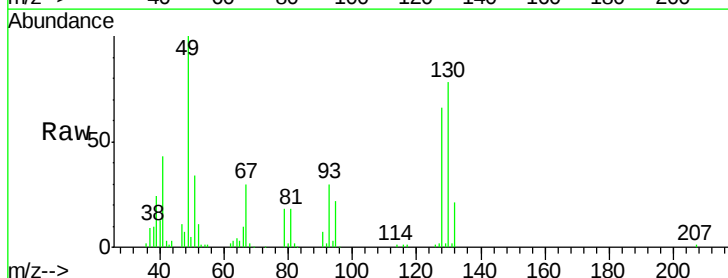
MMDadoda
7/10/2020 12:37:08 PM

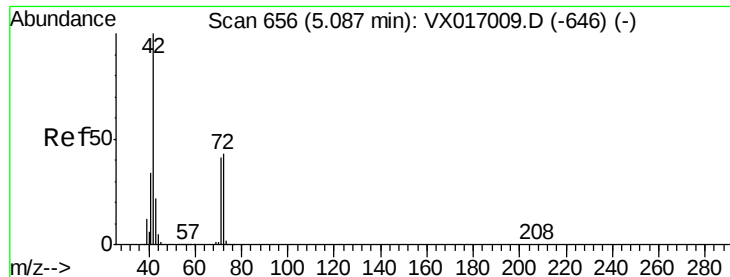


#28

Bromochloromethane
Concen: 17.653 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	82.8	66.6	100.0





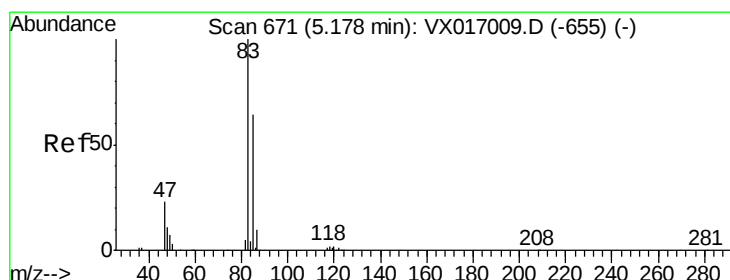
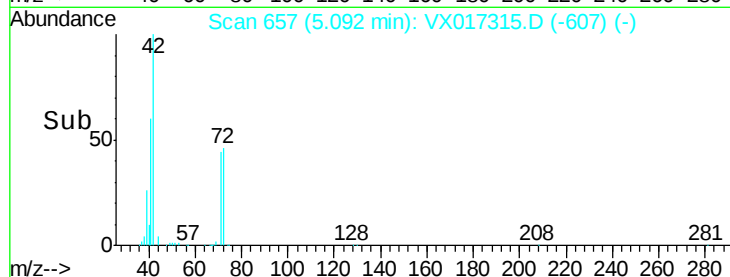
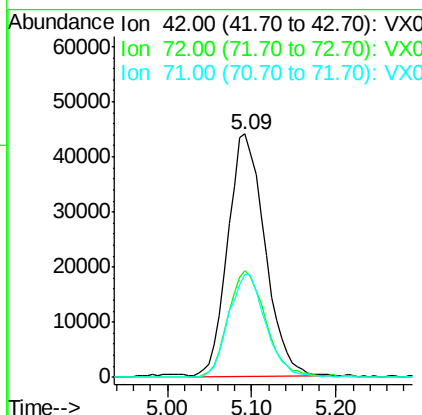
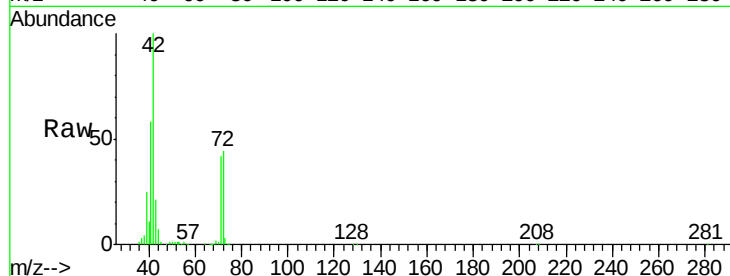
#29
Tetrahydrofuran
Concen: 86.358 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.3	52.9
71	42.7	33.1	49.7

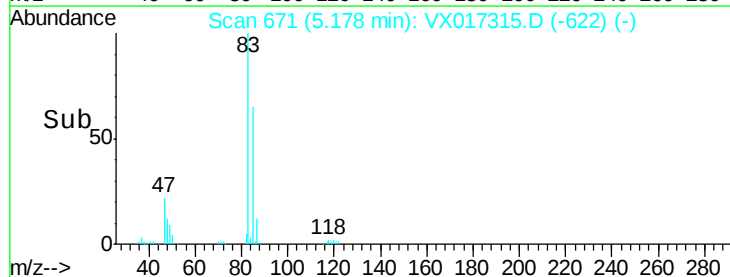
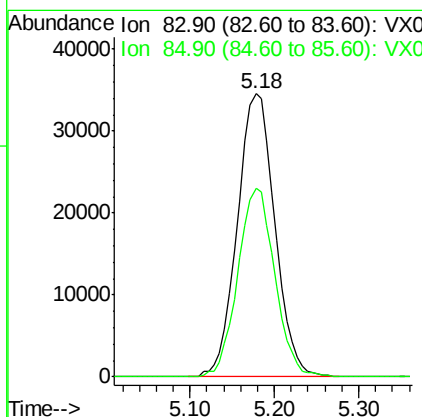
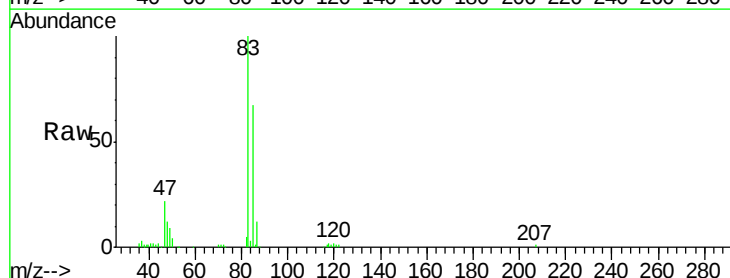
Manual Integrations
APPROVED

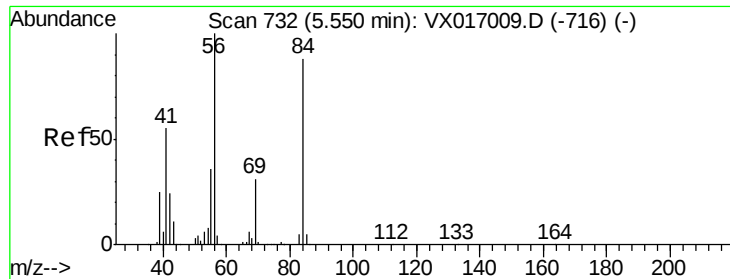
MMDadoda
7/10/2020 12:37:08 PM



#30
Chloroform
Concen: 17.586 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.4	77.2





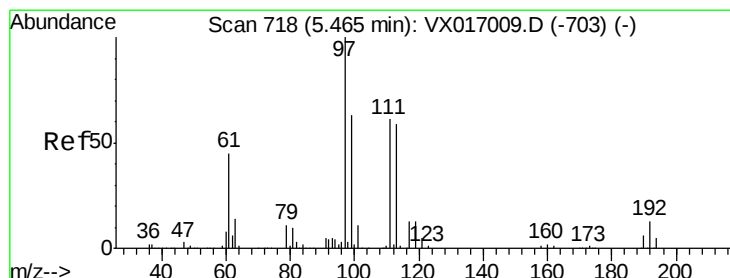
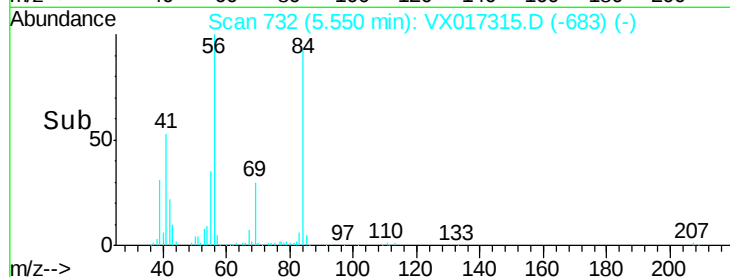
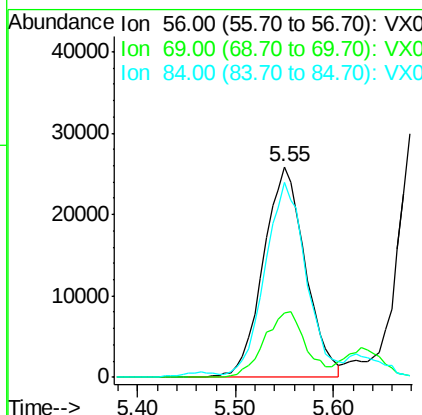
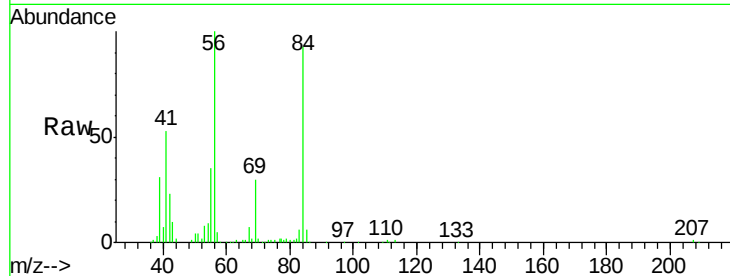
#31
Cvclohexane
Concen: 15.431 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.4
84	90.7	69.1	103.7

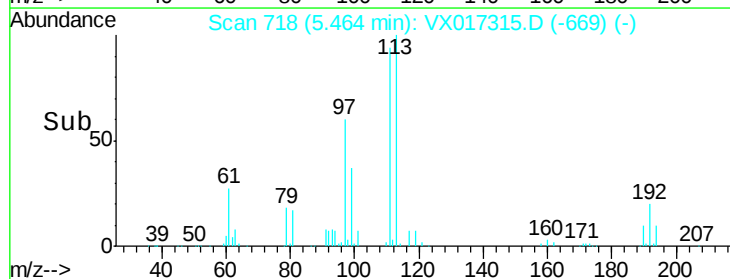
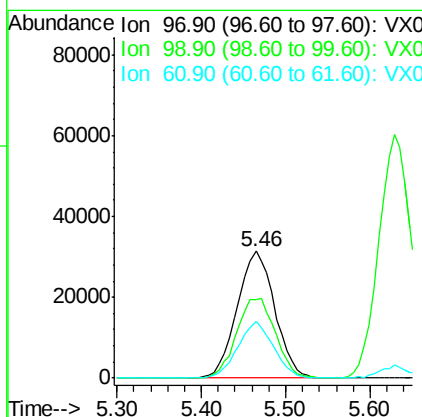
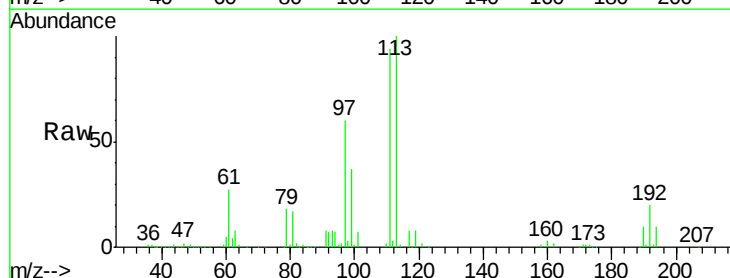
Manual Integrations
APPROVED

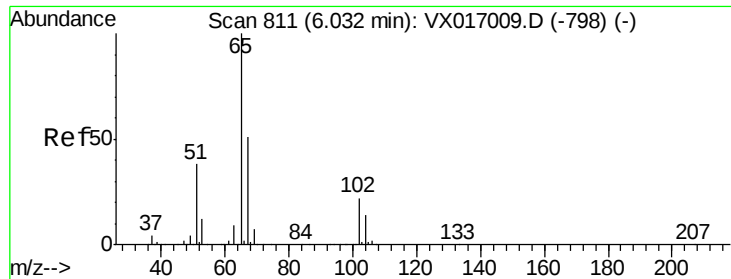
MMDadoda
7/10/2020 12:37:08 PM



#32
1,1,1-Trichloroethane
Concen: 17.415 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.8	76.2
61	42.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 47.132 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 65 Resp: 174652

Ion Ratio Lower Upper

65 100

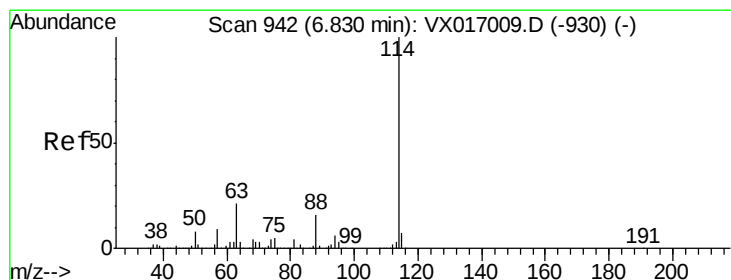
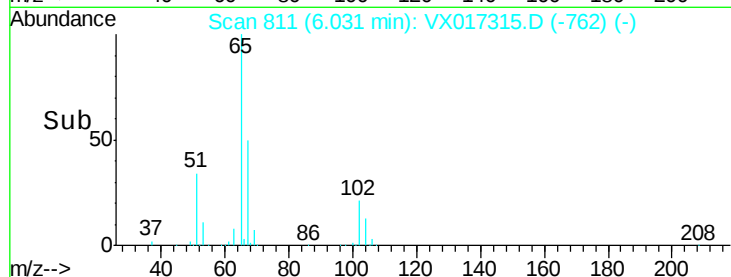
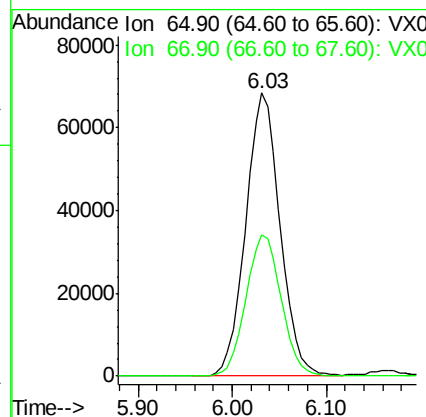
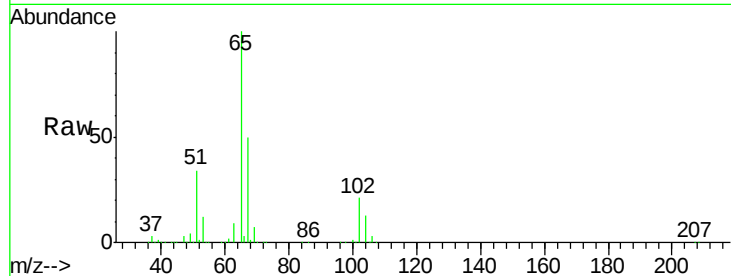
67 51.4 0.0 103.8

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

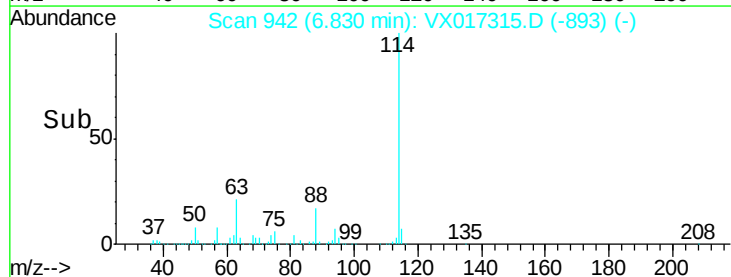
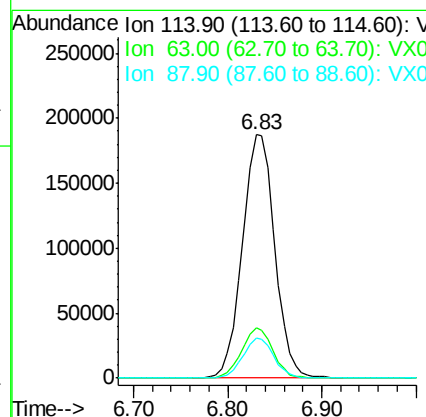
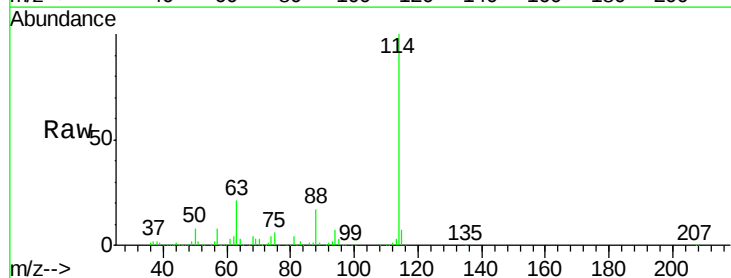
Tgt Ion: 114 Resp: 449580

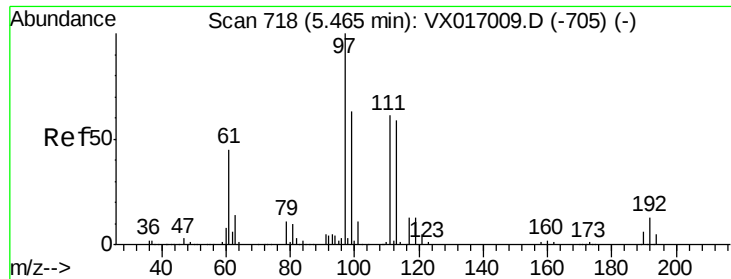
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

88 16.7 0.0 32.4





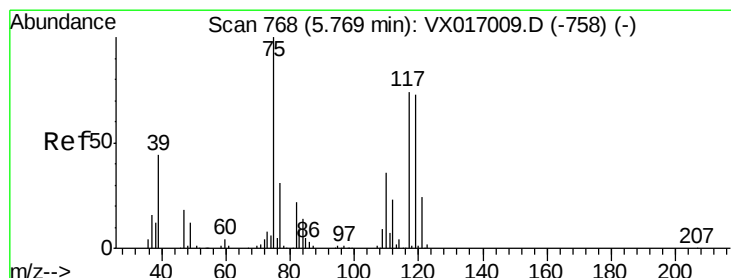
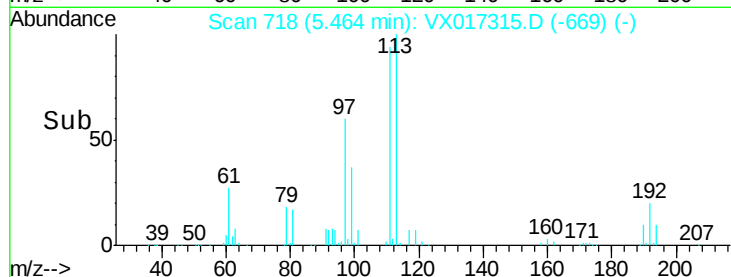
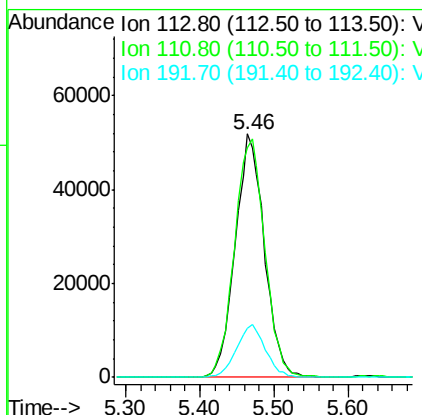
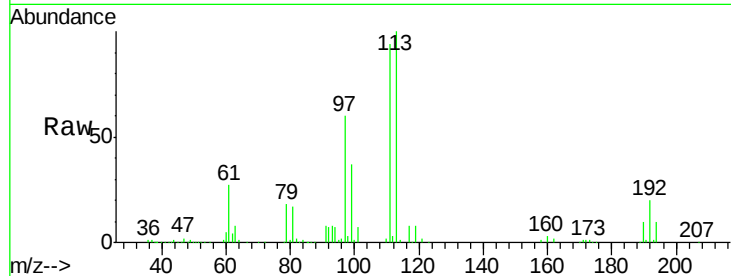
#35
Dibromofluoromethane
Concen: 49.948 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142048		
111	102.7	81.9	122.9	
192	21.4	16.7	25.1	

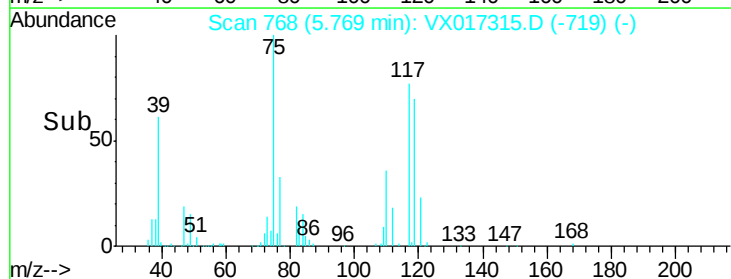
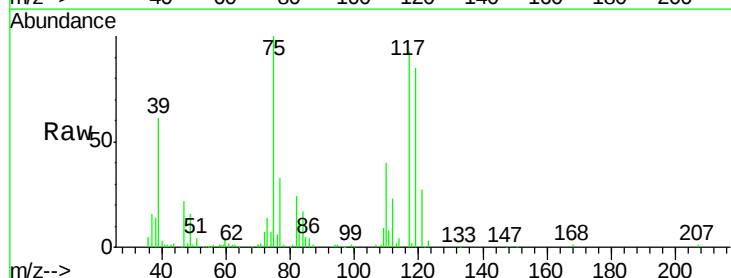
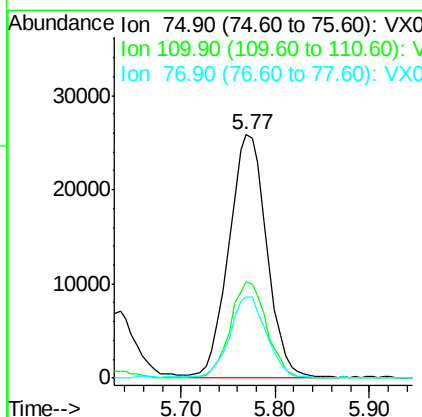
Manual Integrations
APPROVED

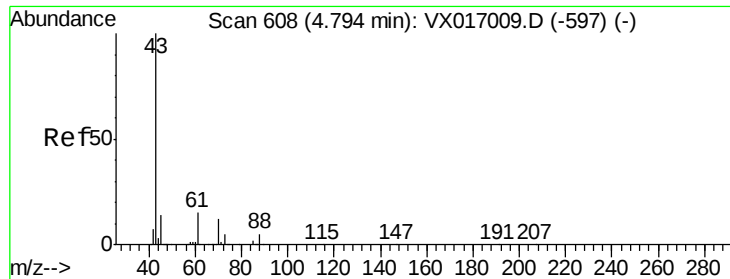
MMDadoda
7/10/2020 12:37:08 PM



#36
1,1-Dichloropropene
Concen: 16.929 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71931		
110	38.3	18.1	54.1	
77	33.0	24.6	37.0	





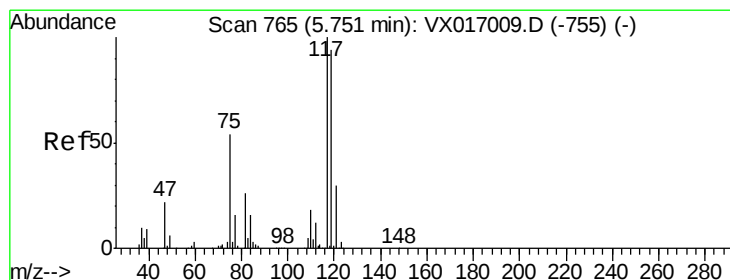
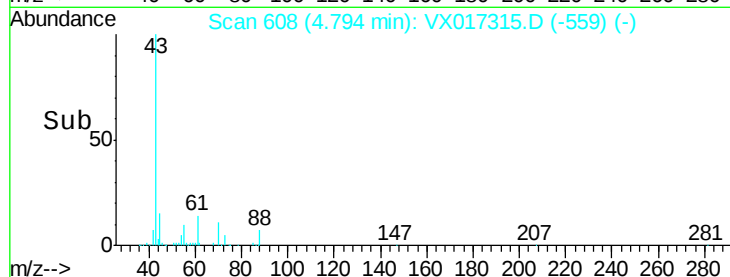
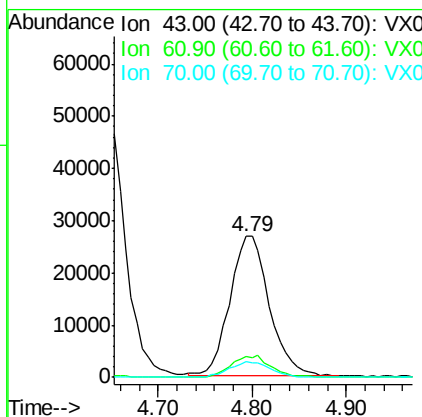
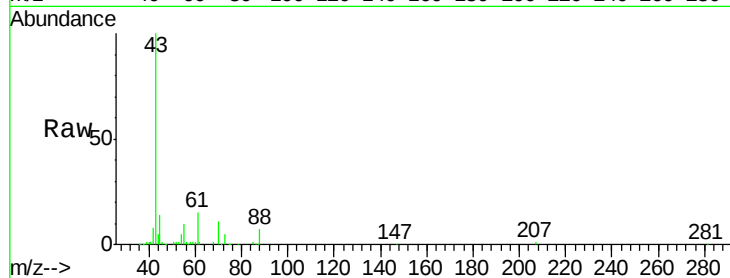
#37
Ethyl Acetate
Concen: 18.081 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.0	16.4
70	11.5	8.9	13.3

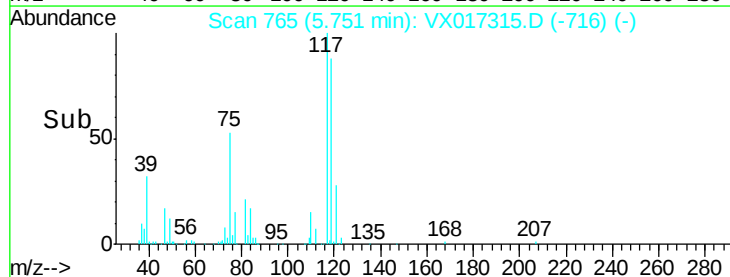
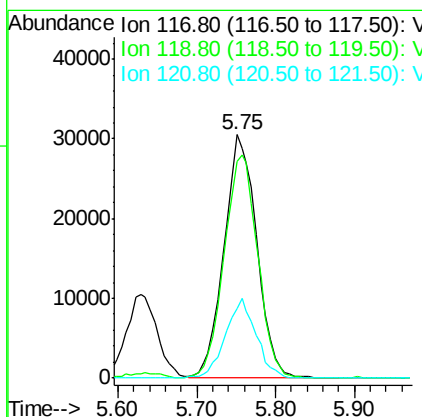
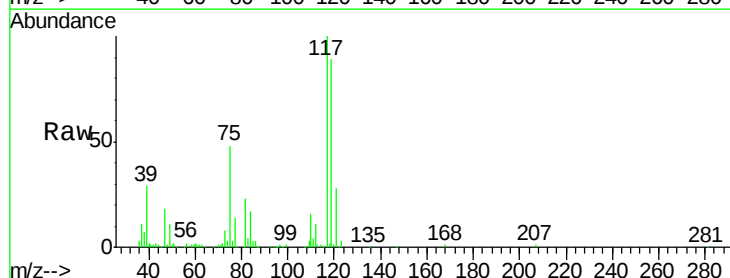
Manual Integrations
APPROVED

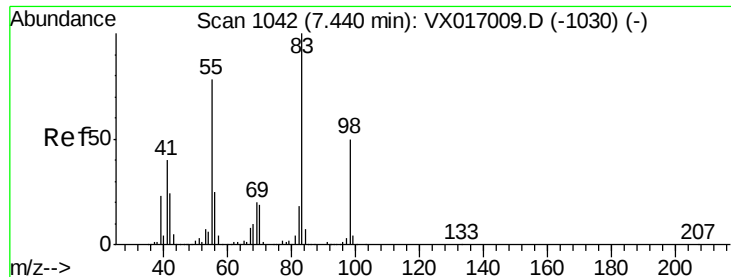
MMDadoda
7/10/2020 12:37:08 PM



#38
Carbon Tetrachloride
Concen: 18.802 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.9	75.4	113.0
121	28.4	23.8	35.6





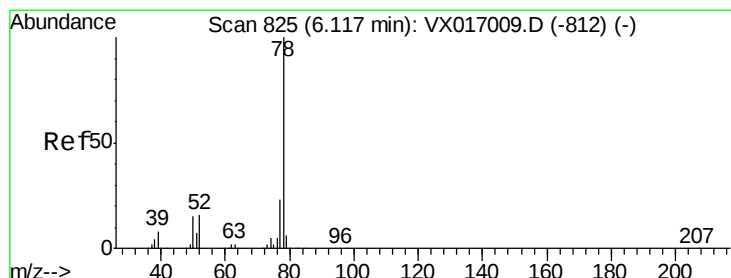
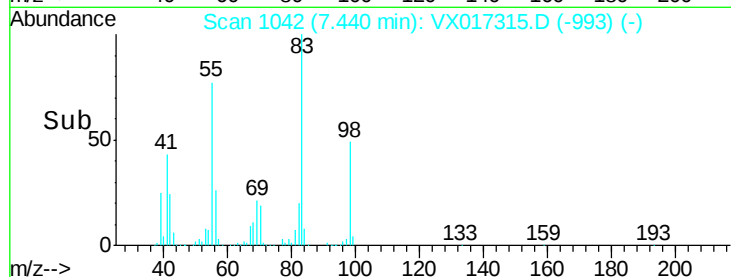
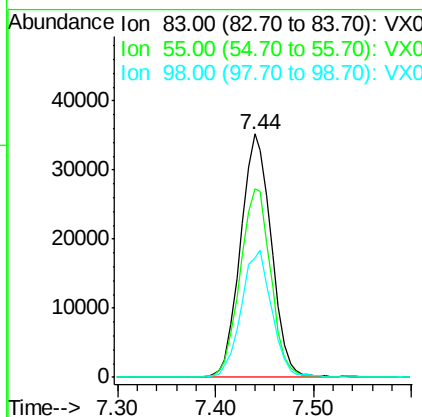
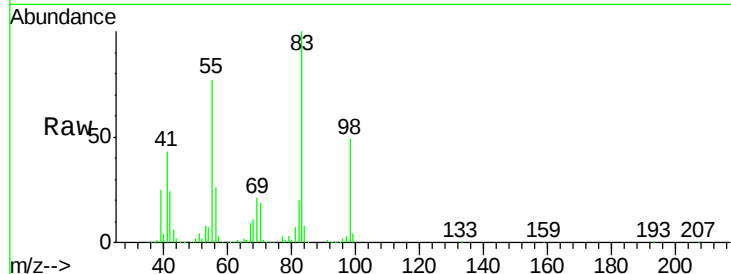
#39
Methvlcvclohexane
Concen: 16.251 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	62.5	93.7
98	48.9	40.1	60.1

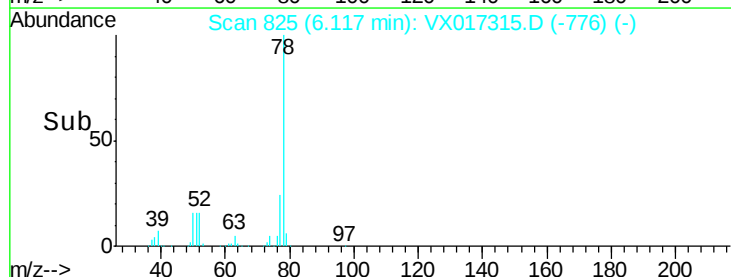
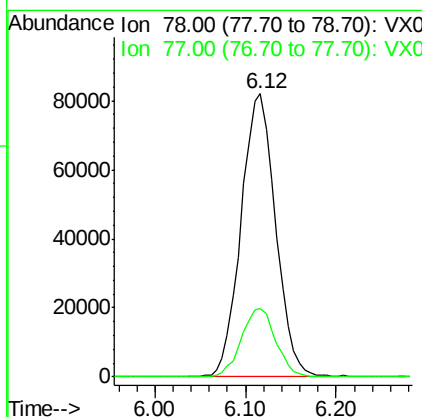
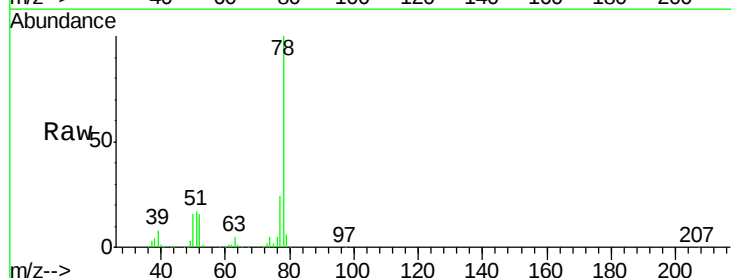
Manual Integrations
APPROVED

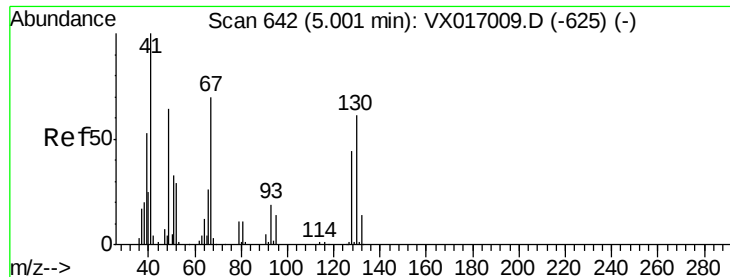
MMDadoda
7/10/2020 12:37:08 PM



#40
Benzene
Concen: 17.357 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.3	27.5





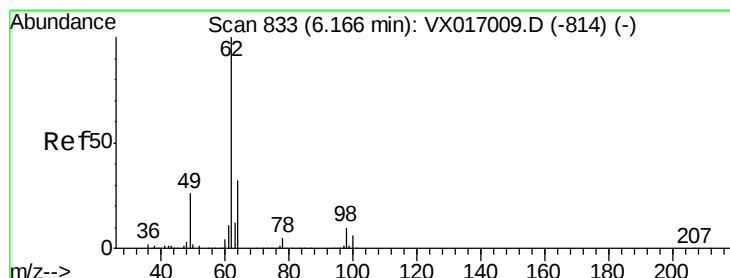
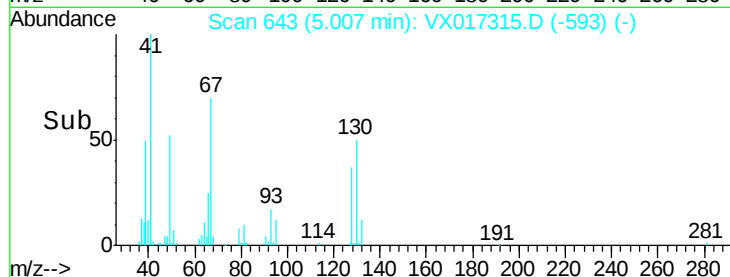
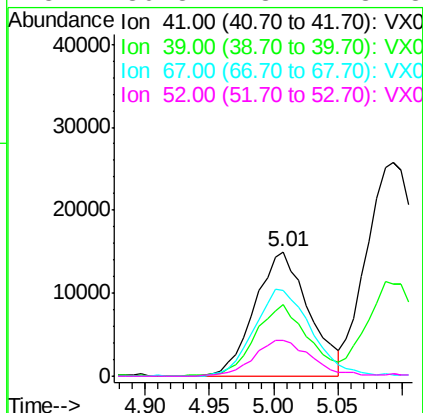
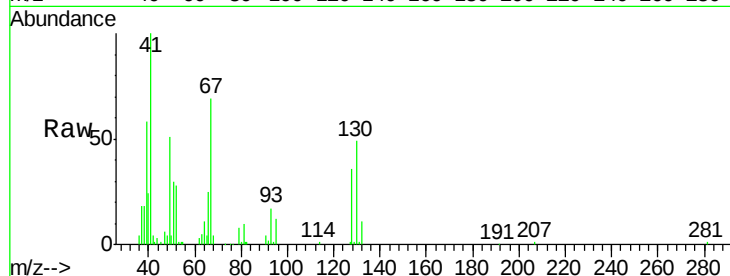
#41
Methacrylonitrile
Concen: 18.015 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		43711		
39	56.9	44.4	66.6		
67	73.2	57.1	85.7		
52	30.8	23.2	34.8		

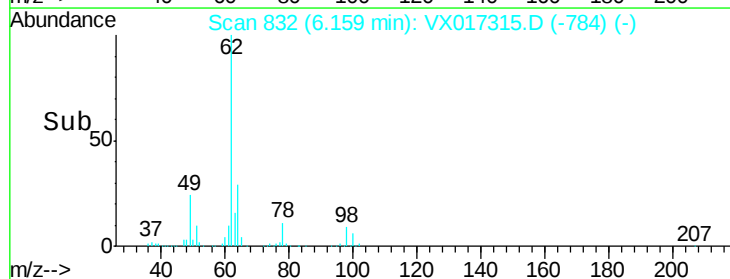
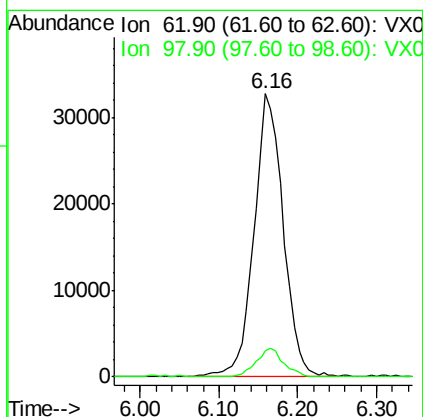
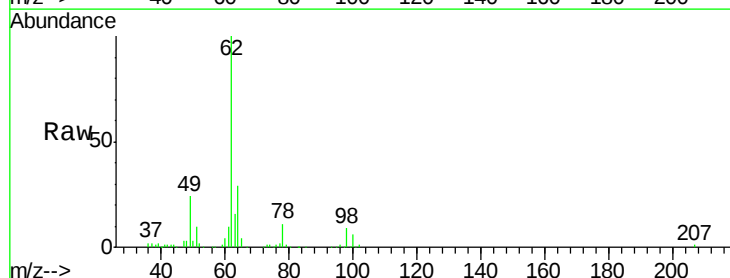
Manual Integrations
APPROVED

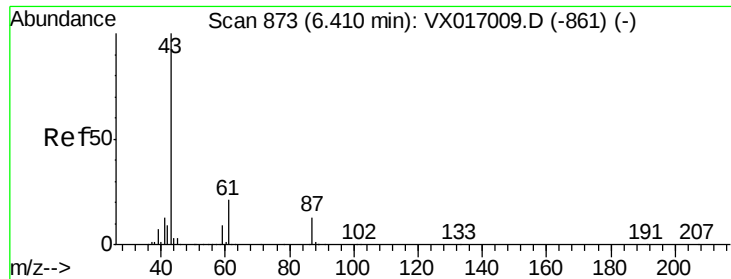
MMDadoda
7/10/2020 12:37:08 PM



#42
1,2-Dichloroethane
Concen: 18.721 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		84424		
98	9.5	0.0	19.2		





#43

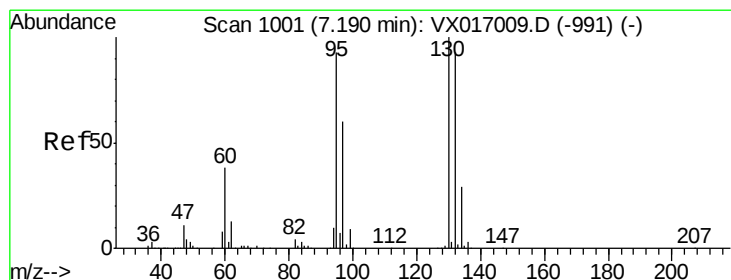
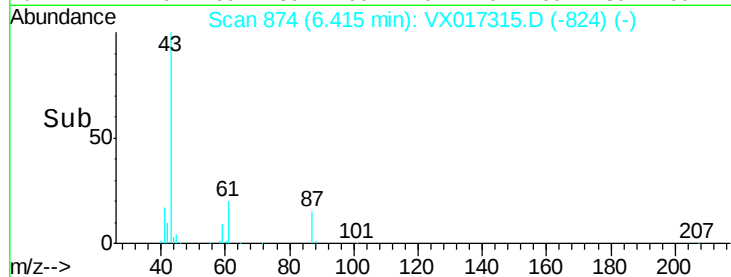
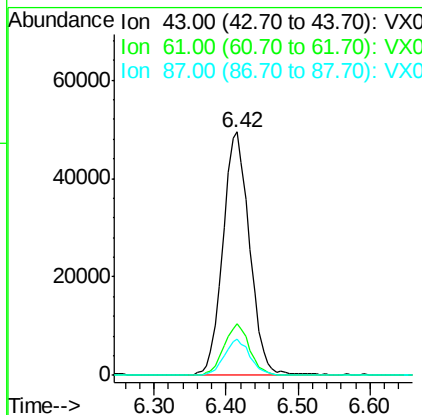
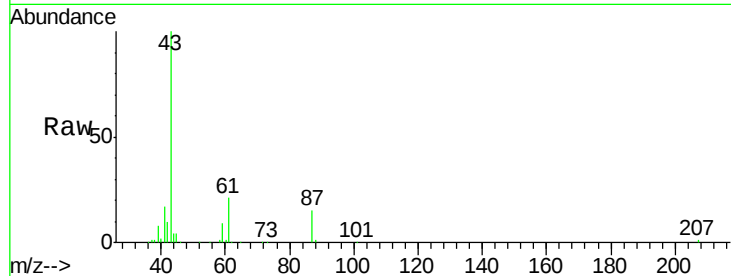
Isopropyl Acetate
 Concen: 17.556 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.2	24.2
87	14.5	10.7	16.1

Manual Integrations
 APPROVED

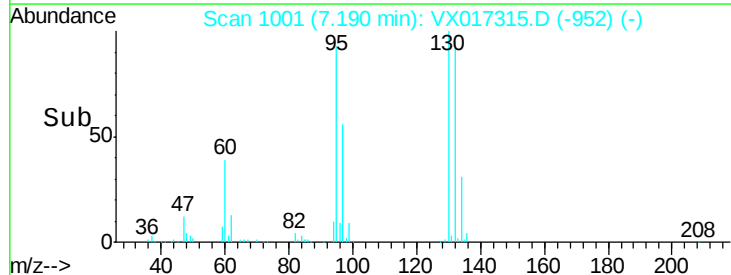
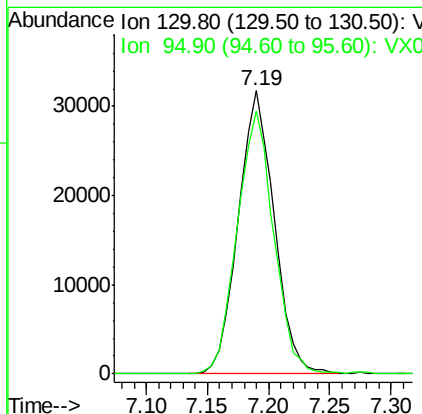
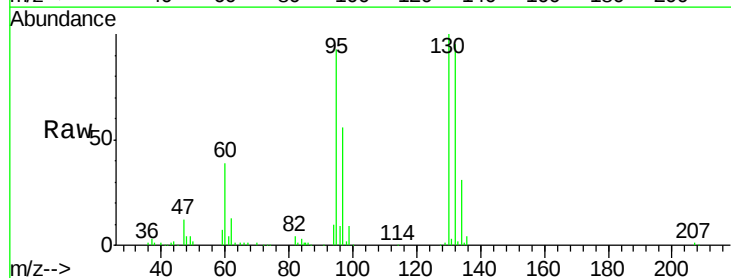
MMDadoda
 7/10/2020 12:37:08 PM



#44

Trichloroethene
 Concen: 18.573 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.0





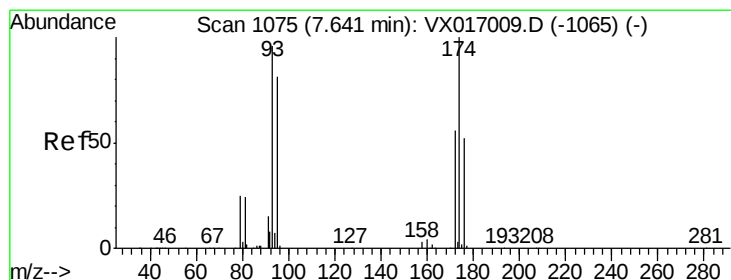
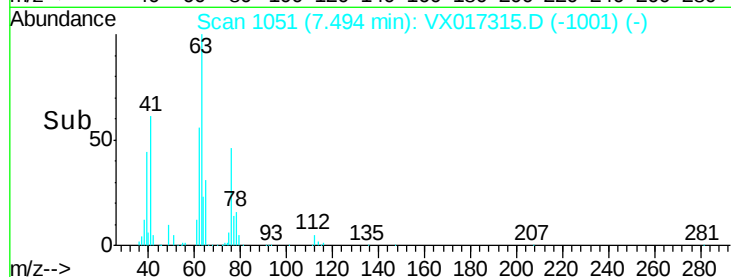
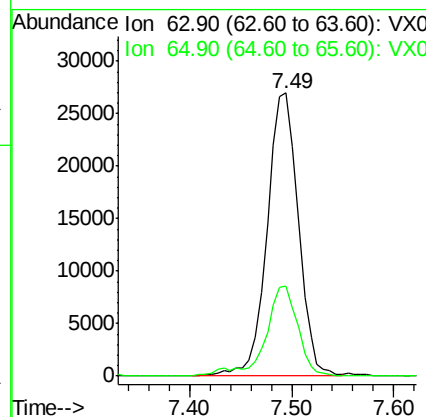
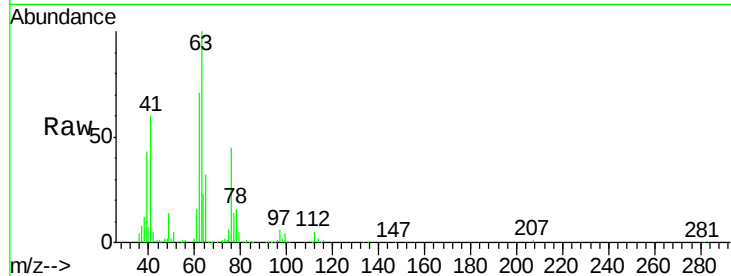
#45
 1,2-Dichloropropane
 Concen: 17.927 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.6	36.8

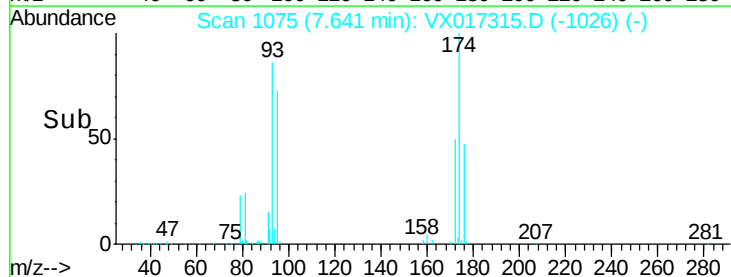
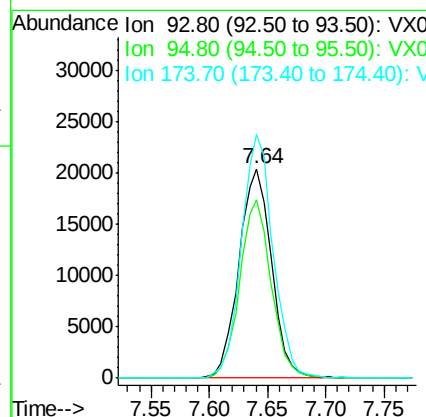
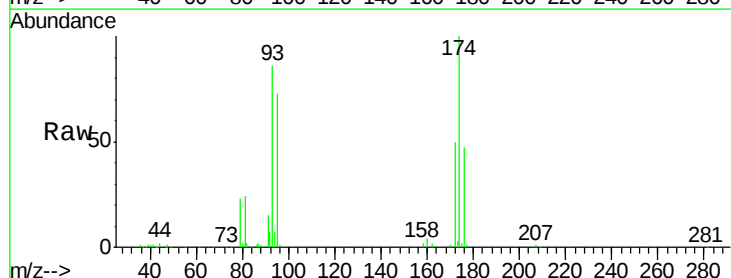
Manual Integrations
 APPROVED

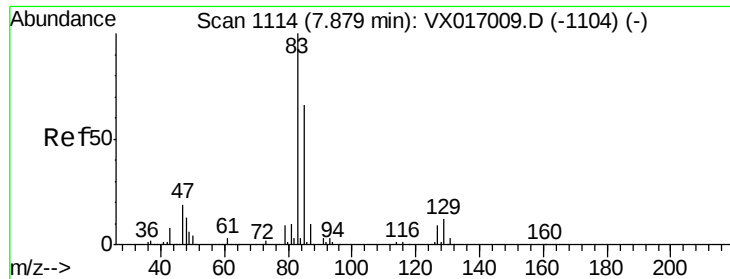
MMDadoda
 7/10/2020 12:37:08 PM



#46
 Dibromomethane
 Concen: 18.251 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	67.4	101.0
174	113.5	84.3	126.5





#47

Bromodichloromethane

Concen: 18.404 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

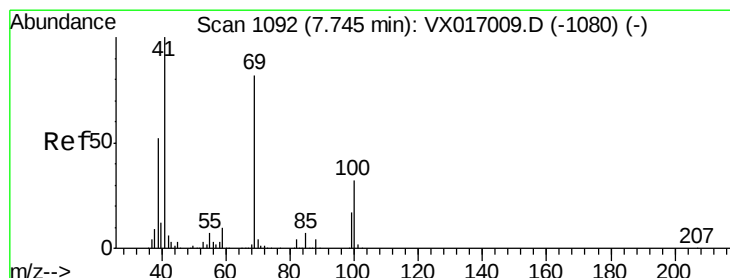
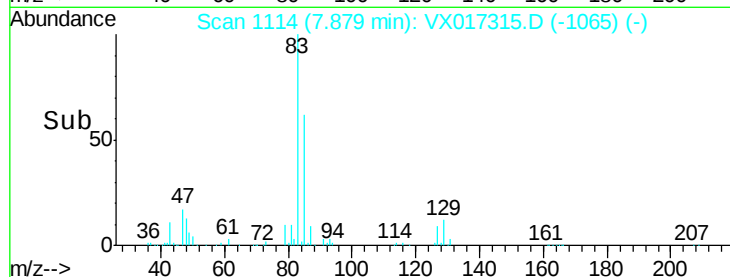
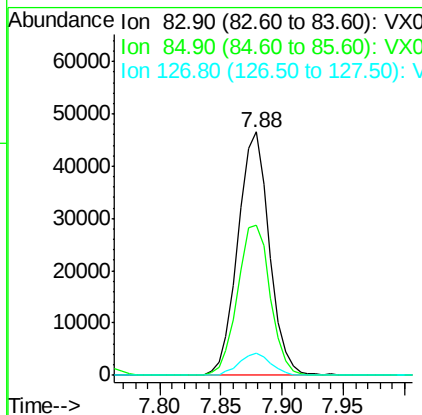
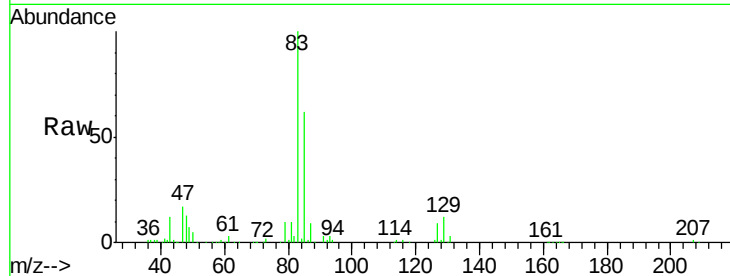
ClientSampleId :

VX0709WBSD02

Tot Ion:	83	Resp:	83029
Ion	Ratio	Lower	Upper
83	100		
85	61.5	53.0	79.4
127	8.9	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM



#48

Methyl methacrylate

Concen: 18.459 ug/l

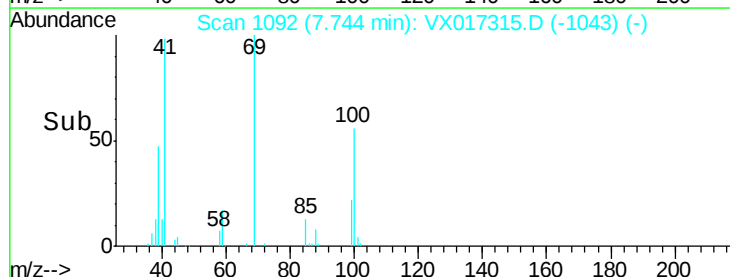
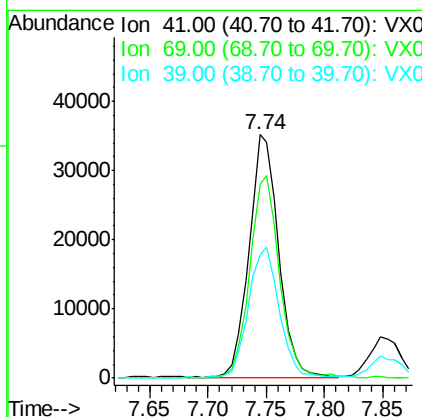
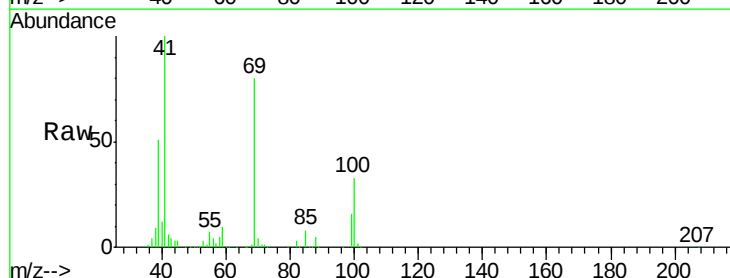
RT: 7.74 min Scan# 1092

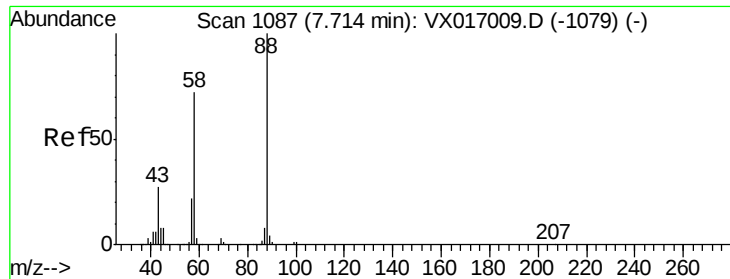
Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion:	41	Resp:	62824
Ion	Ratio	Lower	Upper
41	100		
69	83.3	65.8	98.8
39	54.6	42.5	63.7





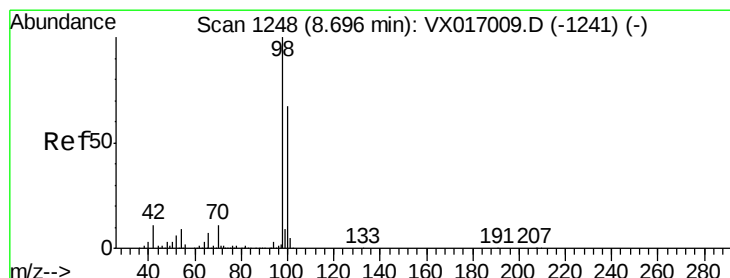
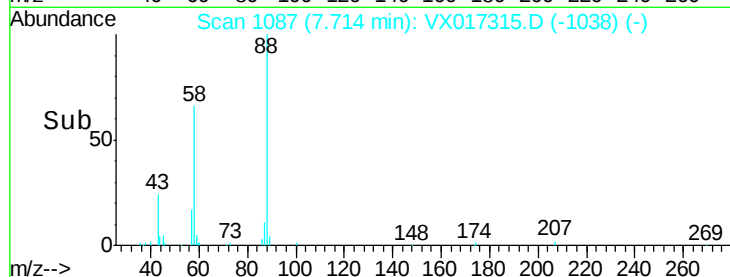
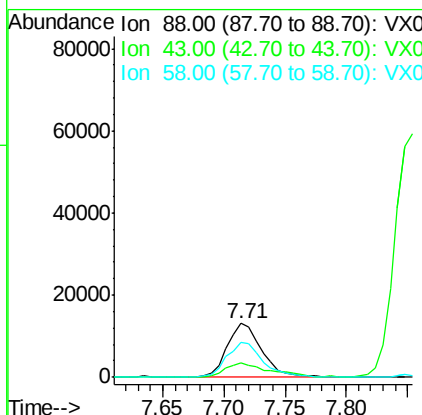
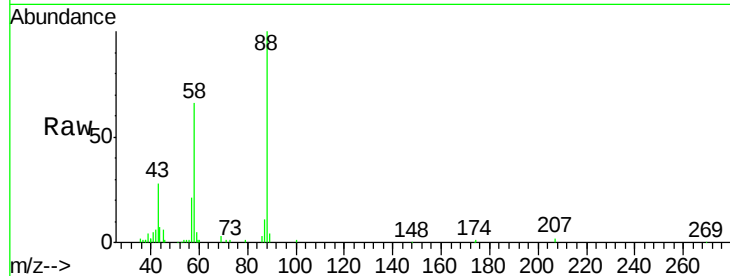
#49
1,4-Dioxane
Concen: 334.423 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.8	38.8
58	69.0	54.8	82.2

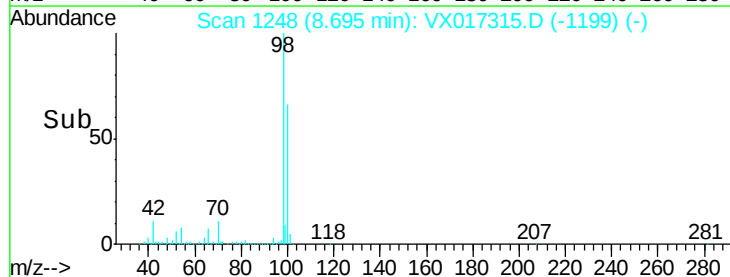
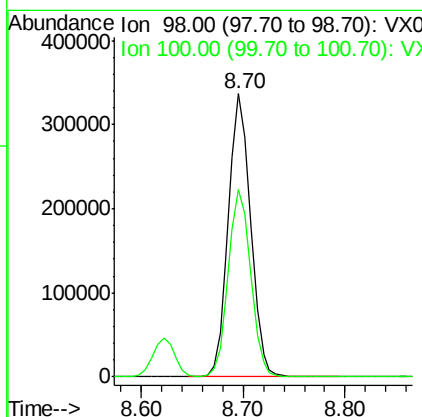
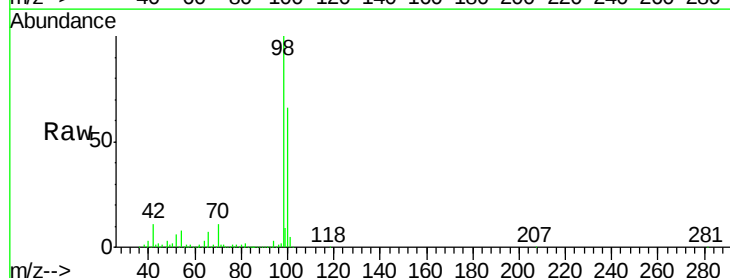
Manual Integrations
APPROVED

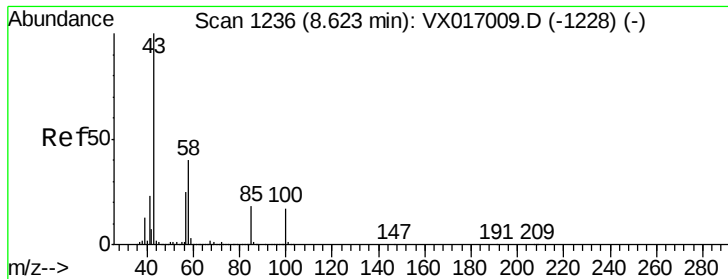
MMDadoda
7/10/2020 12:37:08 PM



#50
Toluene-d8
Concen: 48.269 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 95.508 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tot Ion: 43 Resp: 407855

Ion Ratio Lower Upper

43 100

58 39.6 31.9 47.9

Instrument :

MSVOA_X

ClientSampleId :

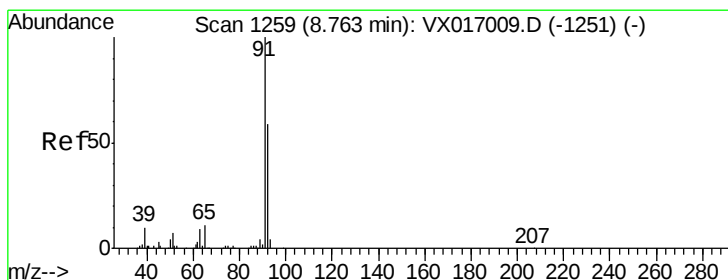
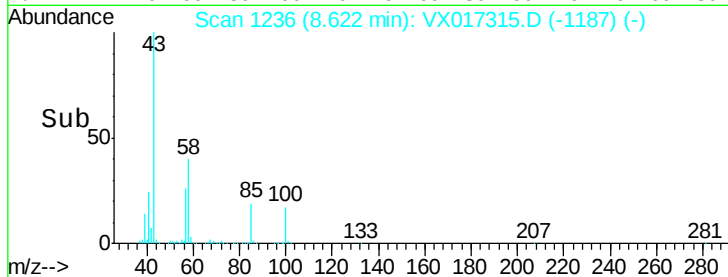
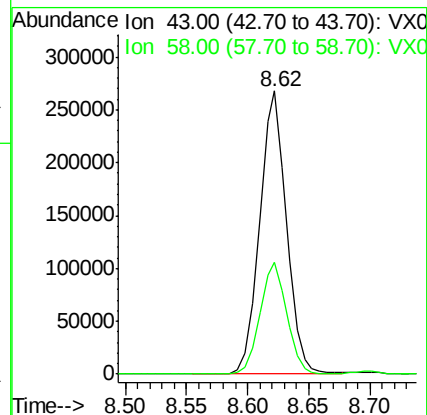
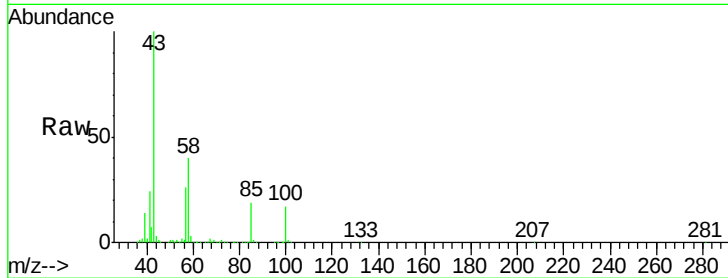
VX0709WBSD02

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#52

Toluene

Concen: 18.047 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017315.D

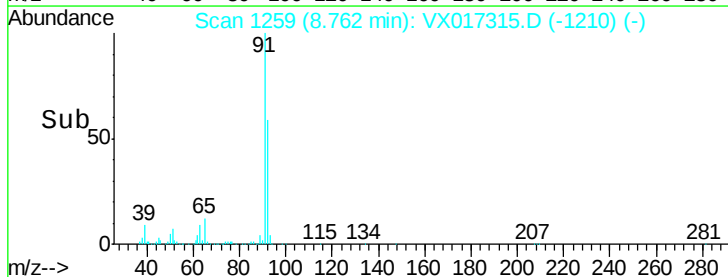
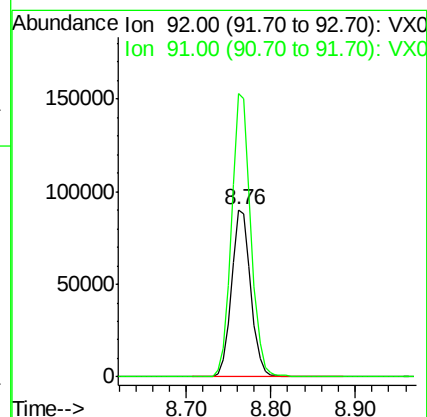
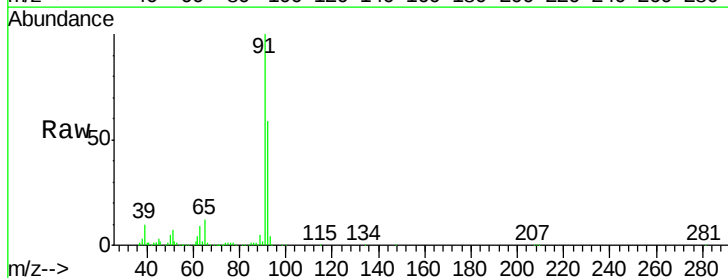
Acq: 09 Jul 2020 18:04

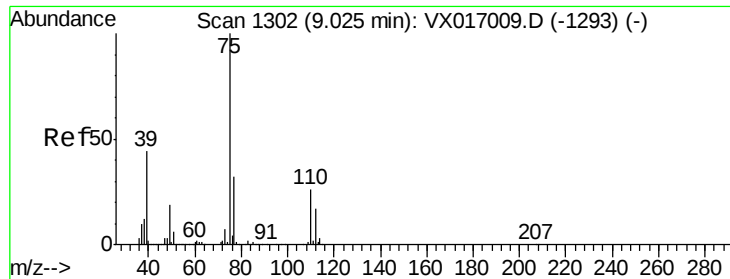
Tgt Ion: 92 Resp: 140670

Ion Ratio Lower Upper

92 100

91 170.2 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.363 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tot Ion: 75 Resp: 91403

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

Instrument :

MSVOA_X

ClientSampleId :

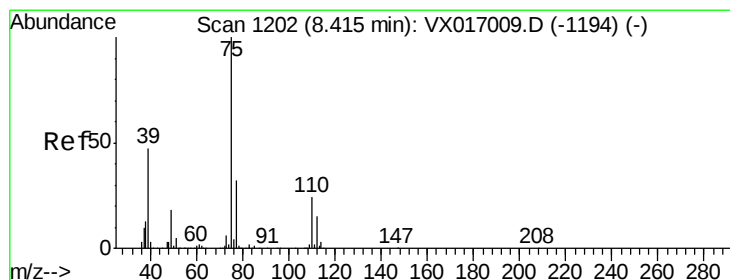
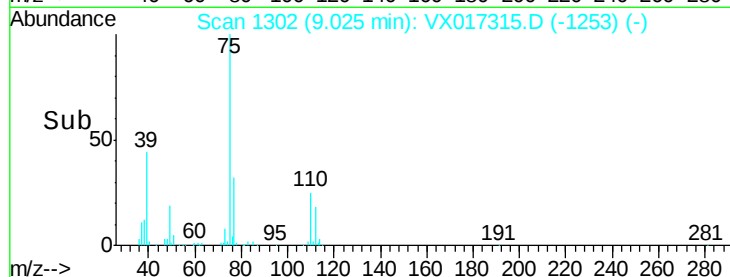
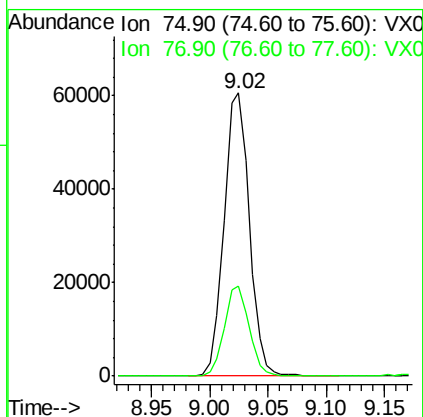
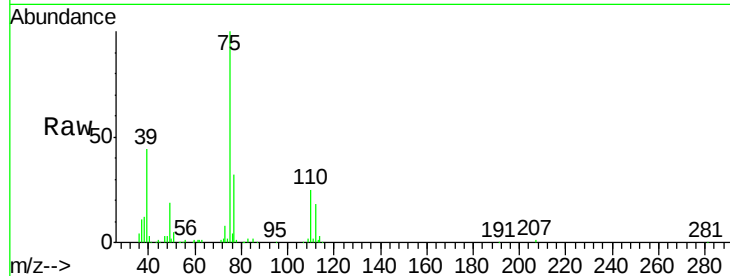
VX0709WBSD02

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#54

cis-1,3-Dichloropropene

Concen: 18.169 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

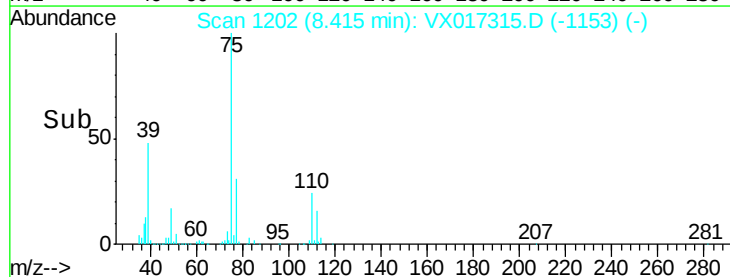
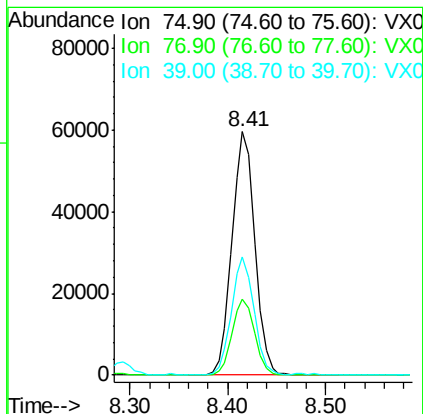
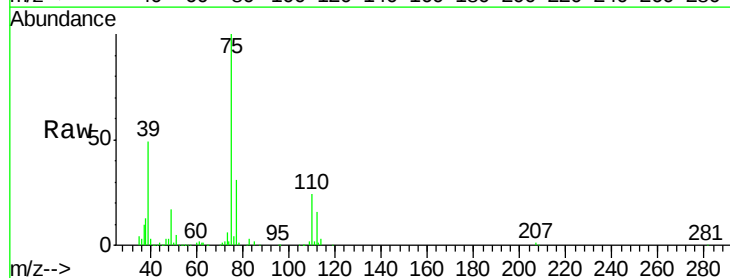
Tgt Ion: 75 Resp: 96949

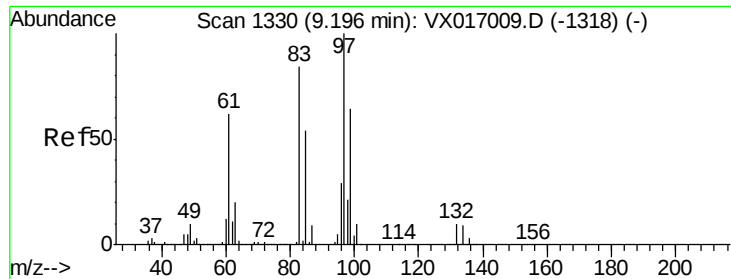
Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 48.3 37.4 56.2





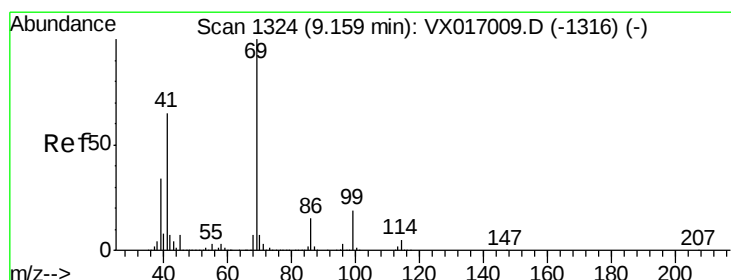
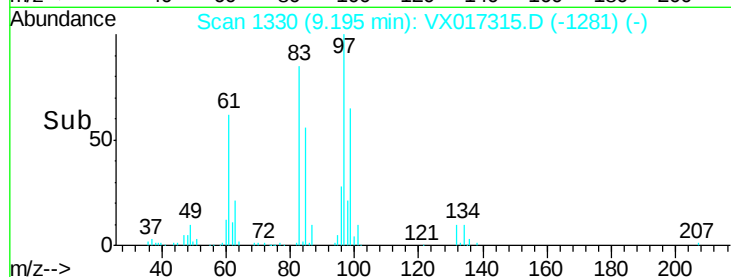
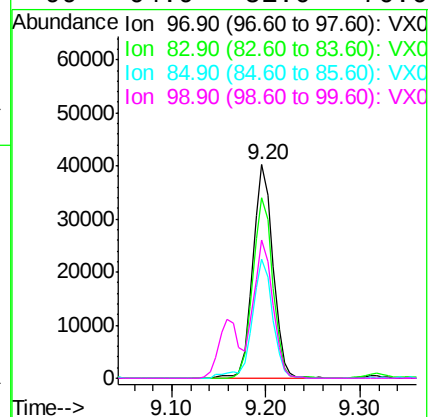
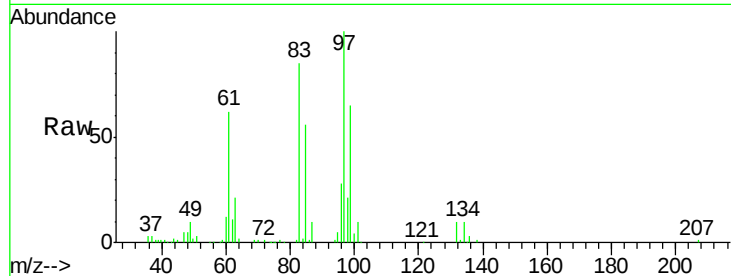
#55
 1,1,2-Trichloroethane
 Concen: 18.714 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion:	97	Resp:	59597
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.0	100.6
85	55.6	43.5	65.3
99	64.9	51.0	76.6

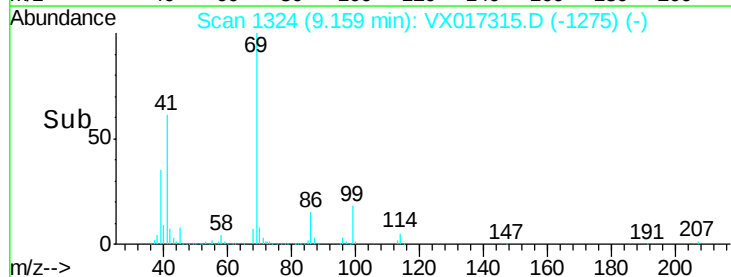
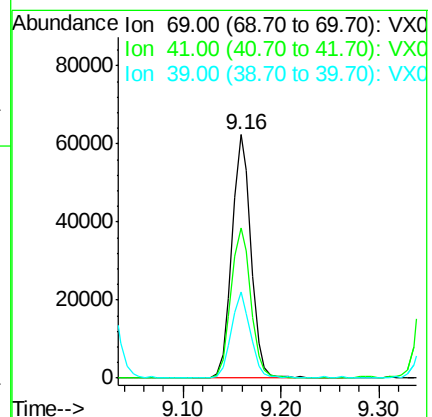
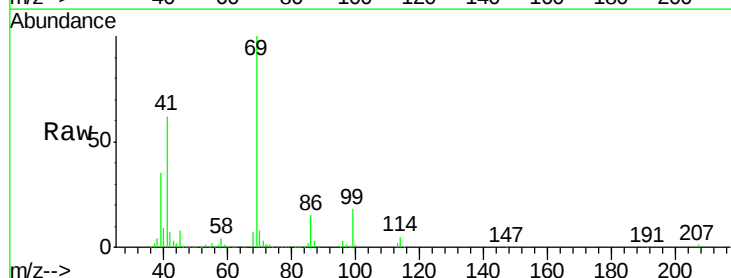
Manual Integrations
 APPROVED

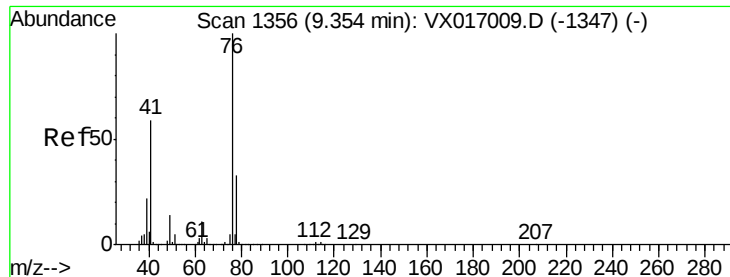
MMDadoda
 7/10/2020 12:37:08 PM



#56
 Ethyl methacrylate
 Concen: 18.645 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion:	69	Resp:	84515
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.6	80.4
39	34.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 18.140 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 76 Resp: 97753

Ion Ratio Lower Upper

76 100

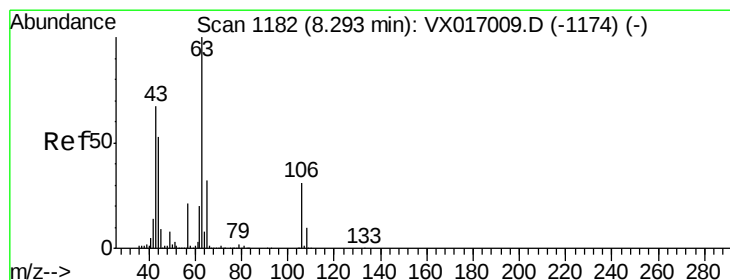
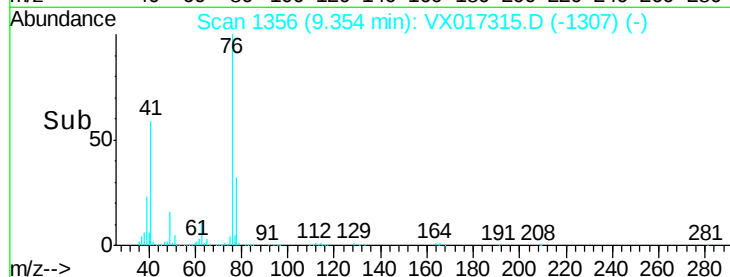
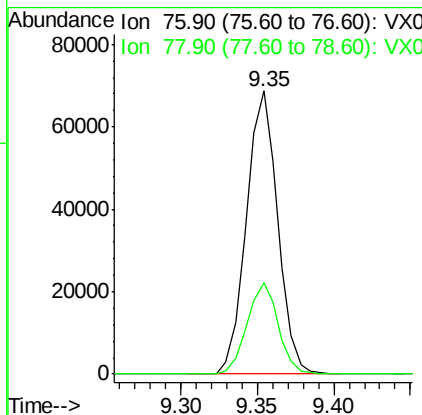
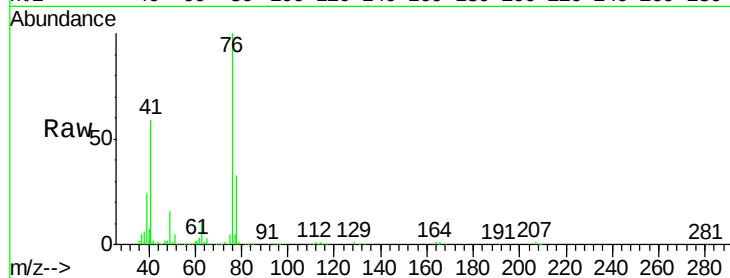
78 32.2 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#58

2-Chloroethyl Vinyl ether

Concen: 94.589 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017315.D

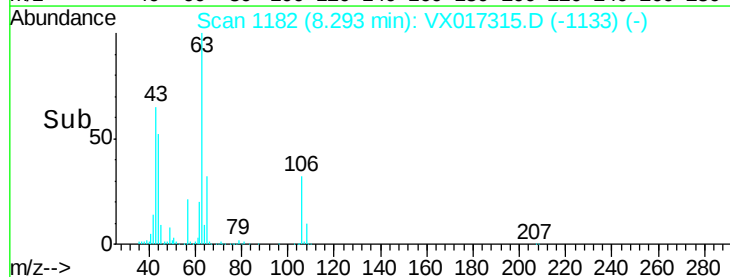
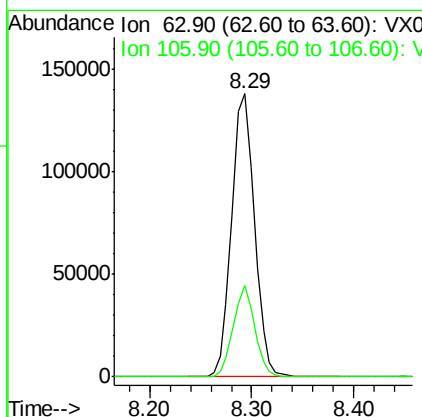
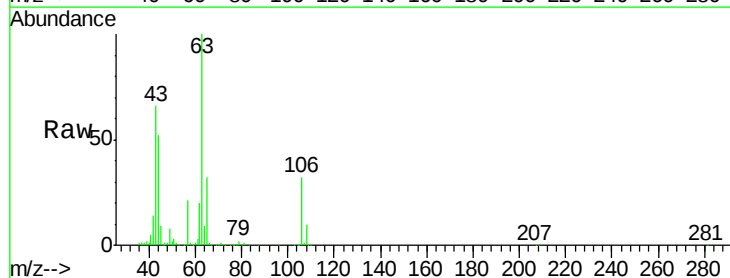
Acq: 09 Jul 2020 18:04

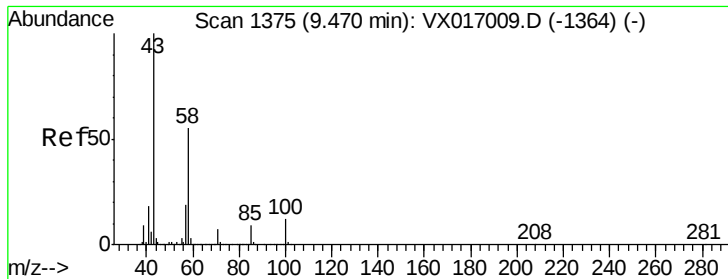
Tgt Ion: 63 Resp: 213387

Ion Ratio Lower Upper

63 100

106 30.4 24.0 36.0





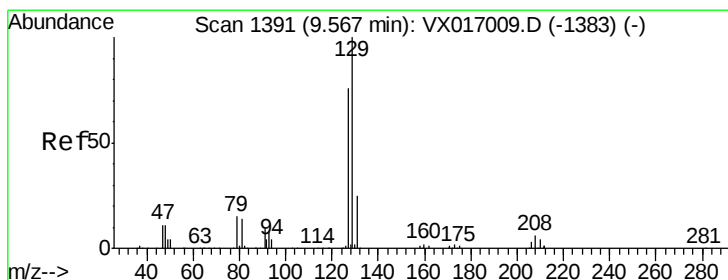
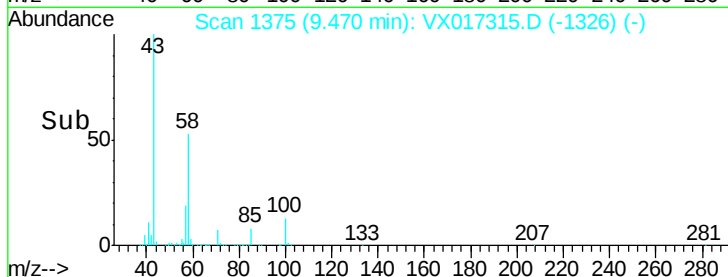
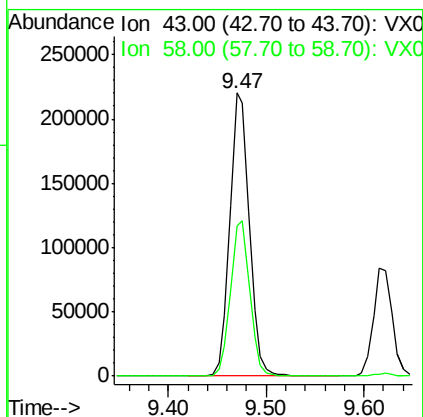
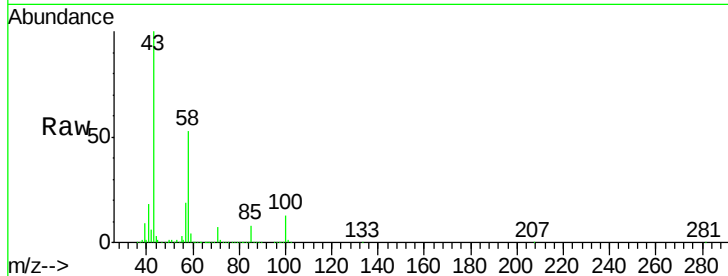
#59
2-Hexanone
Concen: 97.600 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion: 43 Resp: 304396
Ion Ratio Lower Upper
43 100
58 54.5 27.9 83.6

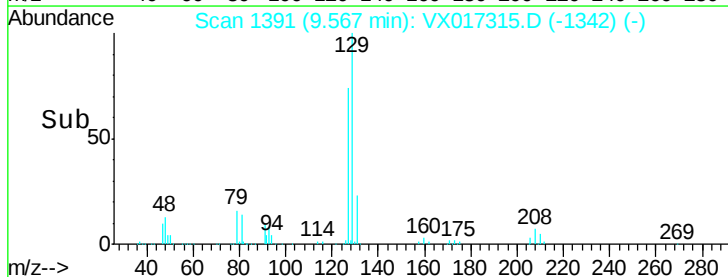
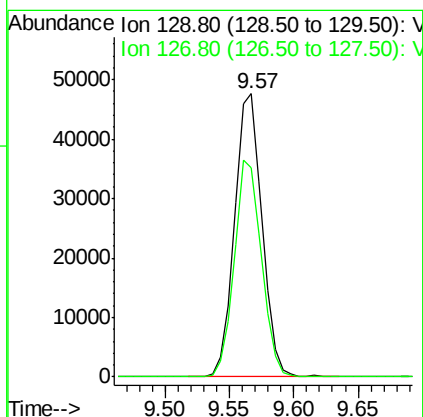
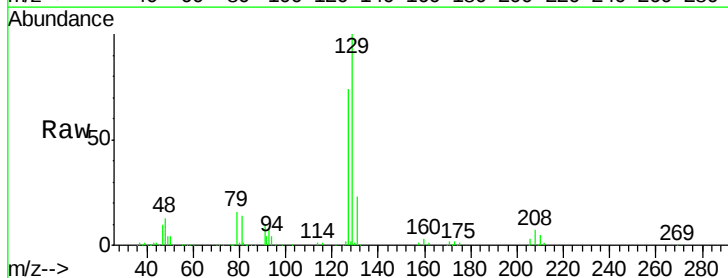
Manual Integrations
APPROVED

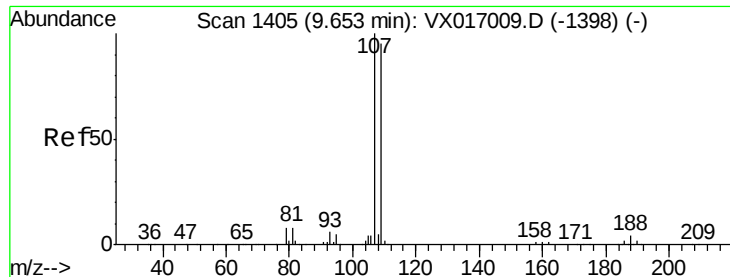
MMDadoda
7/10/2020 12:37:08 PM



#60
Dibromochloromethane
Concen: 19.100 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion: 129 Resp: 70647
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.217 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 107 Resp: 62360

Ion Ratio Lower Upper

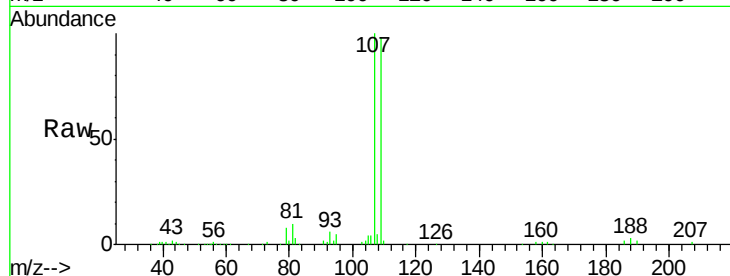
107 100

109 96.2 75.8 113.8

Manual Integrations
APPROVED

MMDadoda

7/10/2020 12:37:08 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

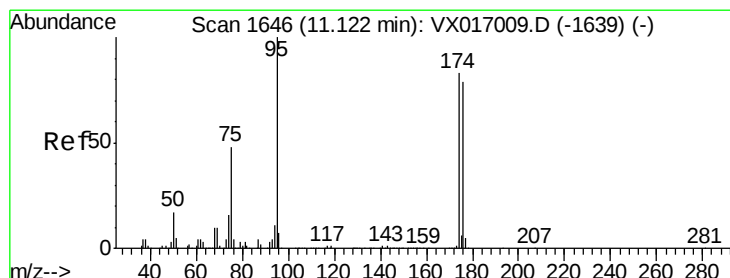
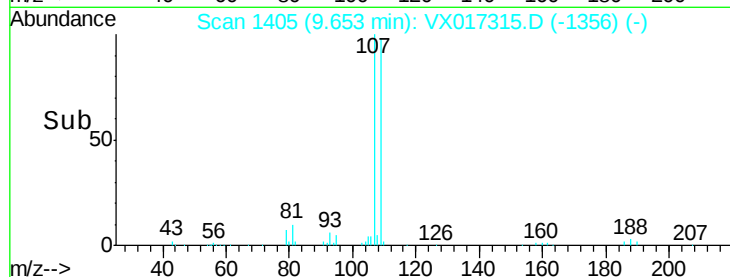
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.219 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

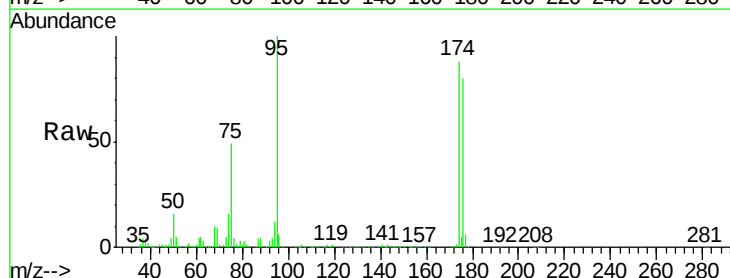
Tgt Ion: 95 Resp: 198224

Ion Ratio Lower Upper

95 100

174 85.7 0.0 164.0

176 80.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

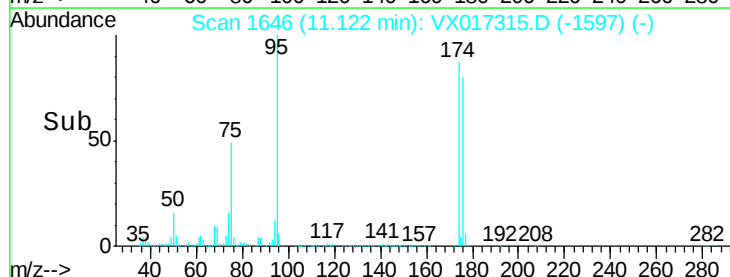
100000

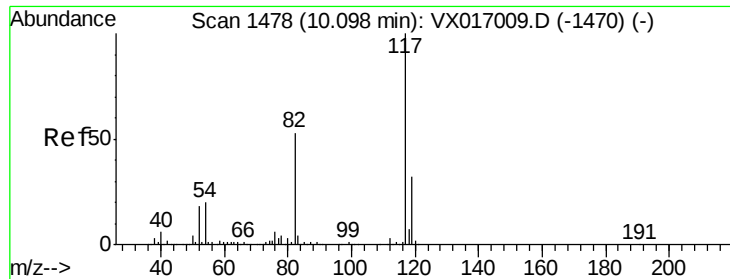
50000

0

Time-->

11.10 11.12





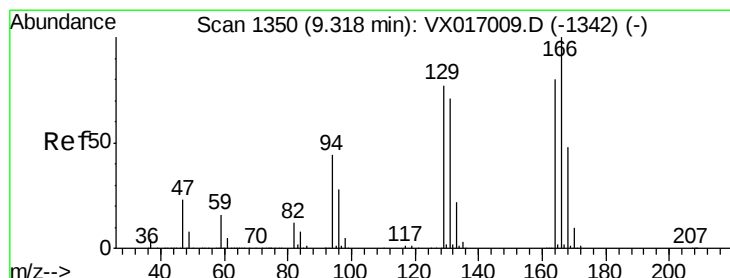
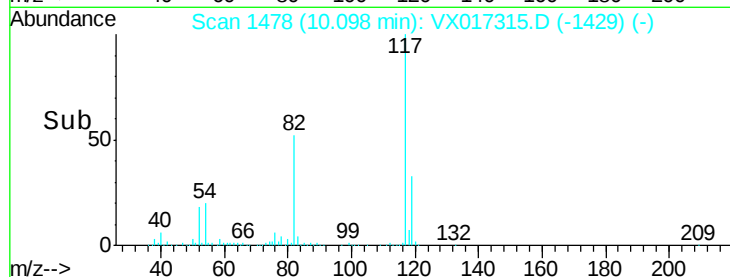
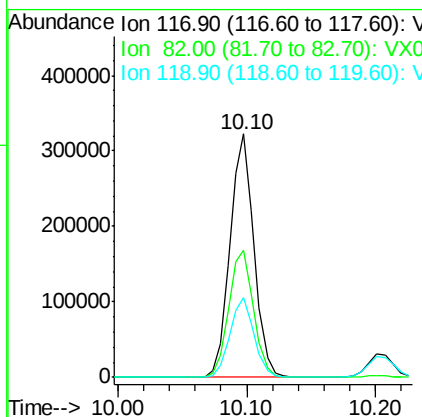
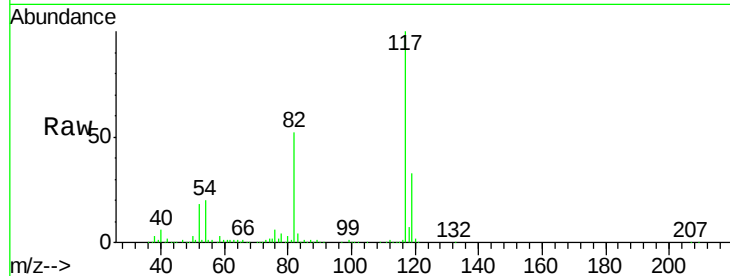
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	420204		
82	52.4		42.6	63.8
119	32.8		25.4	38.2

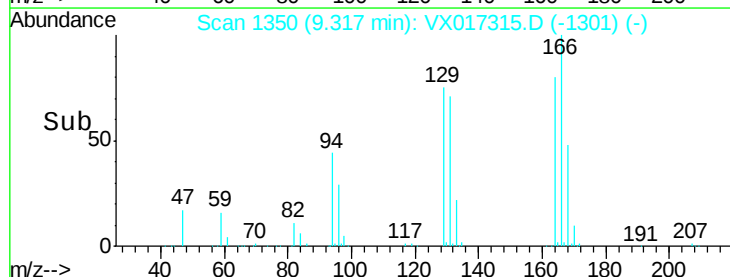
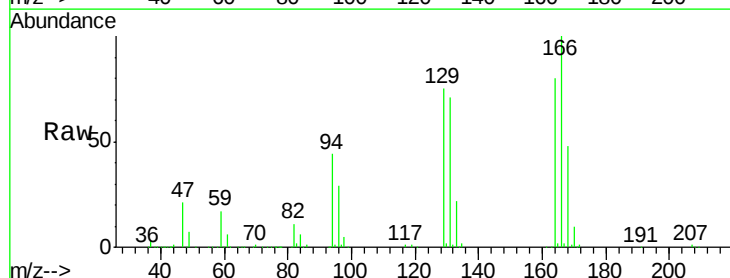
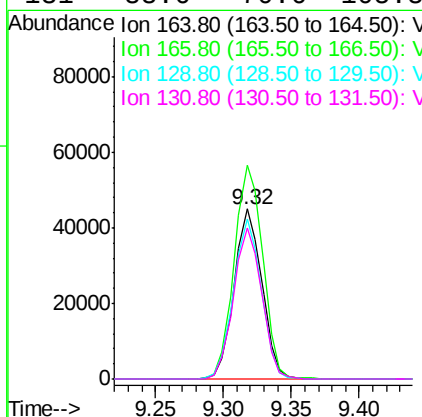
Manual Integrations
APPROVED

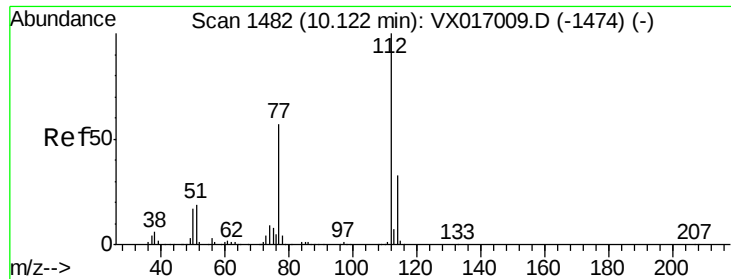
MMDadoda
7/10/2020 12:37:08 PM



#64
Tetrachloroethene
Concen: 18.886 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64049		
166	125.7		99.4	149.0
129	94.1		76.3	114.5
131	88.6		70.6	105.8





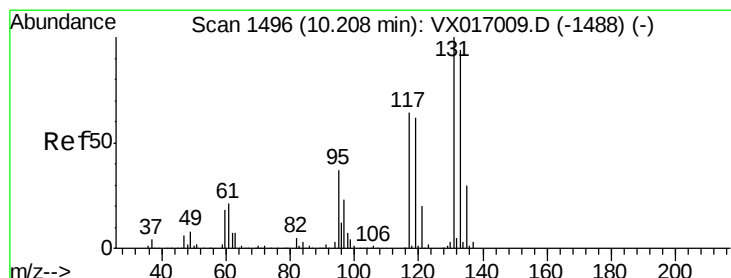
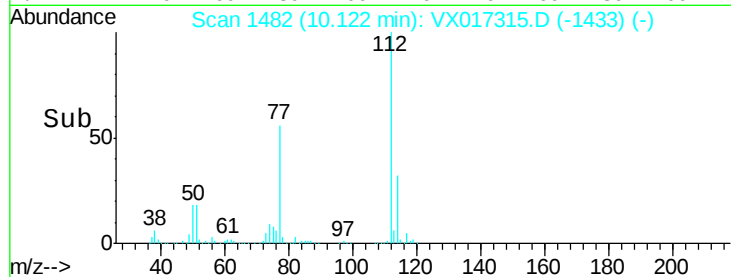
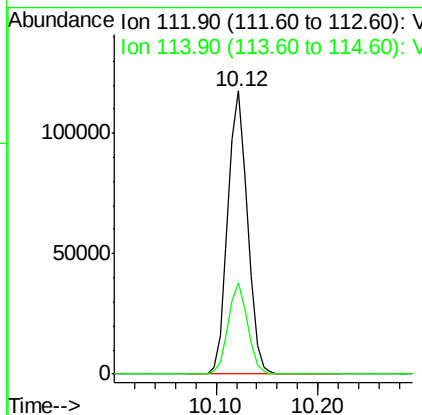
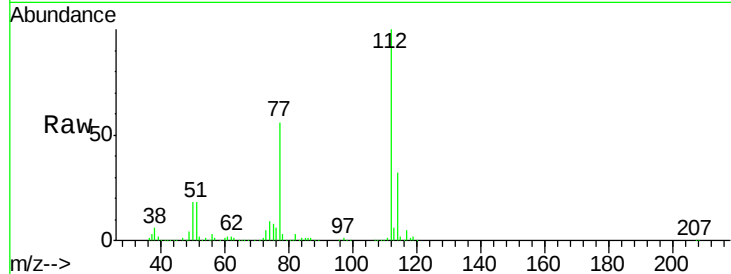
#65
Chlorobenzene
Concen: 18.046 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	156506		
114	32.4	26.2	39.4	

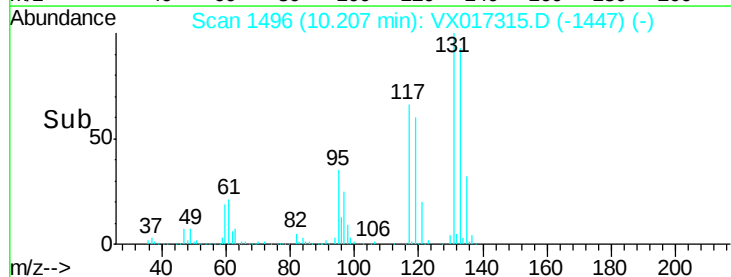
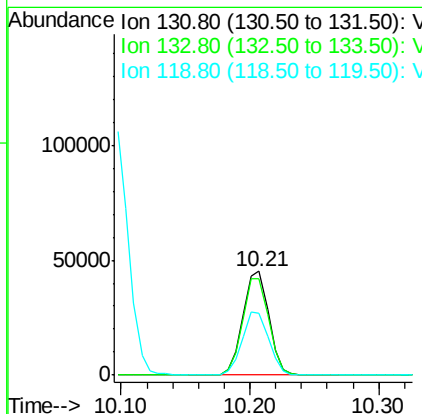
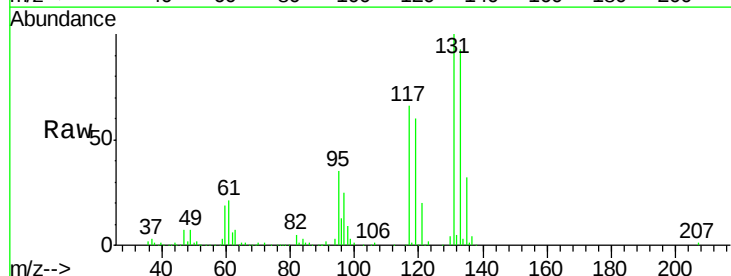
Manual Integrations
APPROVED

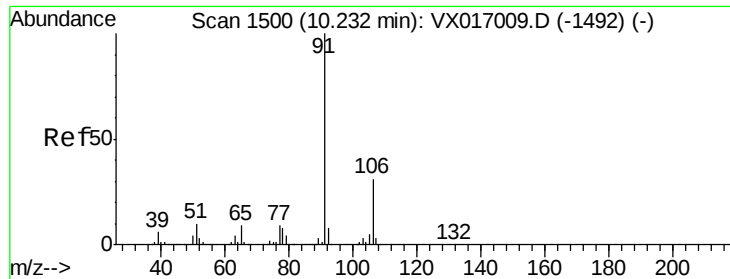
MMDadoda
7/10/2020 12:37:08 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.757 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	62692		
133	94.8	47.3	141.9	
119	62.9	31.9	95.5	





#67

Ethyl Benzene

Concen: 18.030 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 91 Resp: 261132

Ion Ratio Lower Upper

91 100

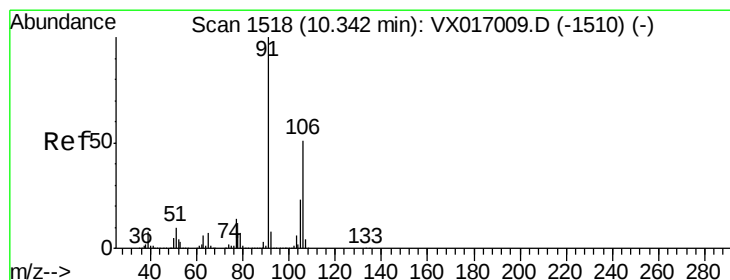
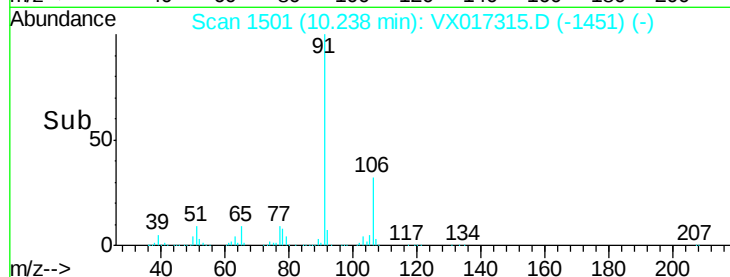
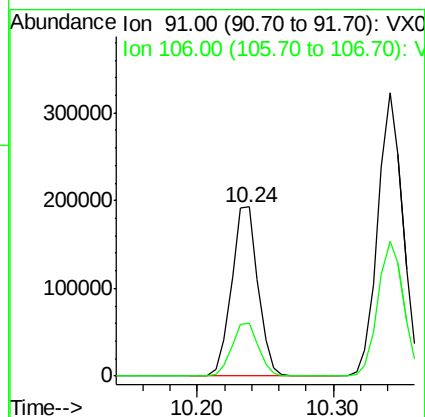
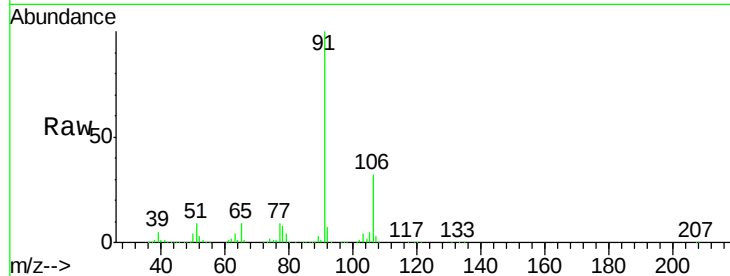
106 31.7 24.7 37.1

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#68

m/p-Xylenes

Concen: 36.303 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017315.D

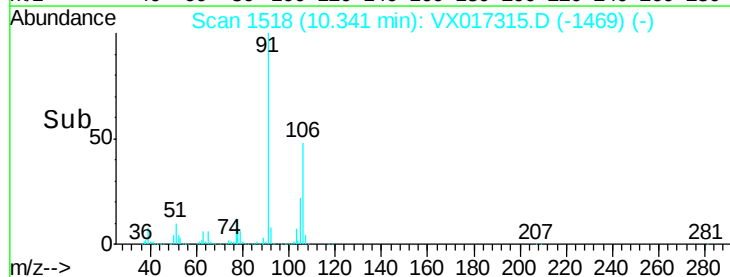
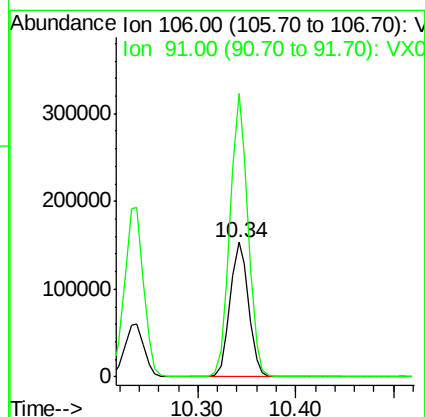
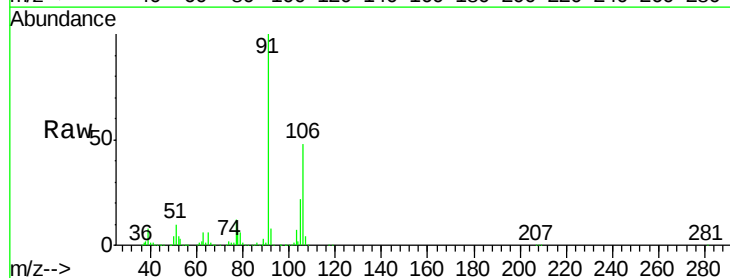
Acq: 09 Jul 2020 18:04

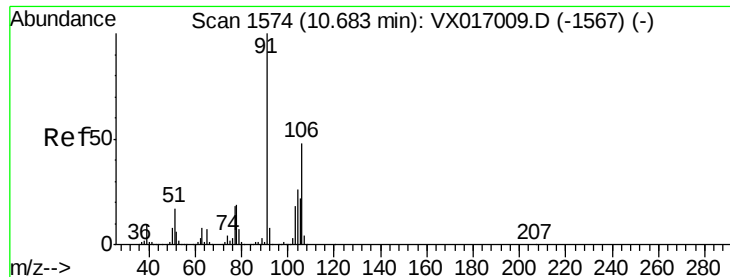
Tgt Ion: 106 Resp: 201892

Ion Ratio Lower Upper

106 100

91 203.6 158.6 238.0





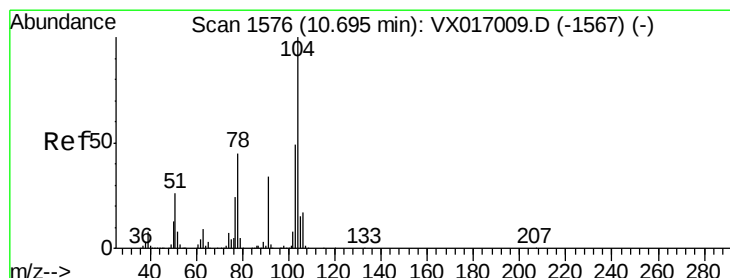
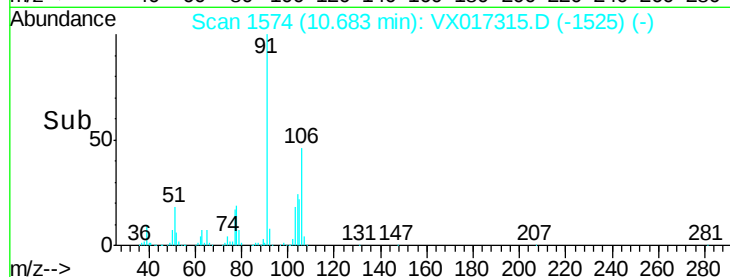
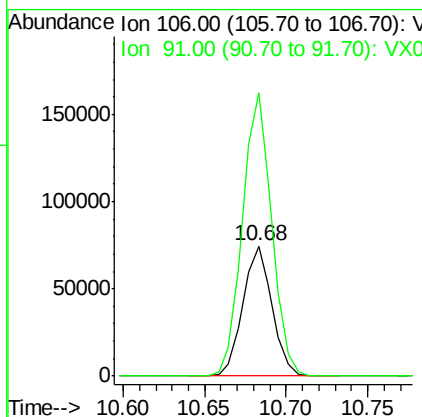
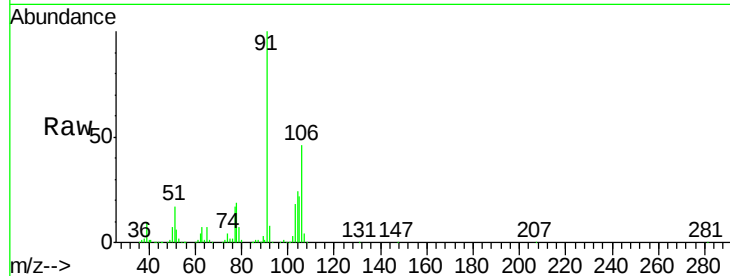
#69
o-Xylene
Concen: 17.558 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion:106 Resp: 92887
Ion Ratio Lower Upper
106 100
91 218.7 105.6 316.7

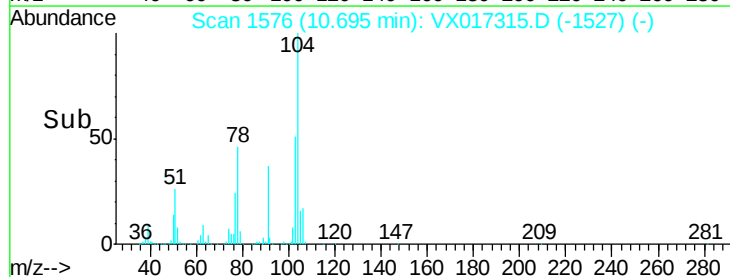
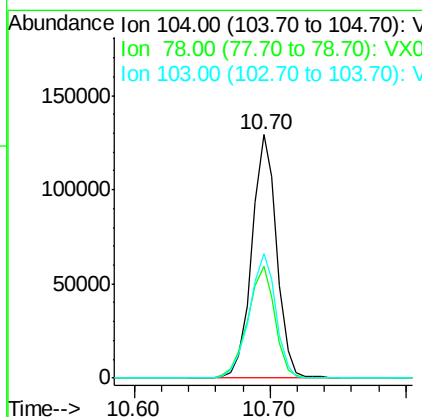
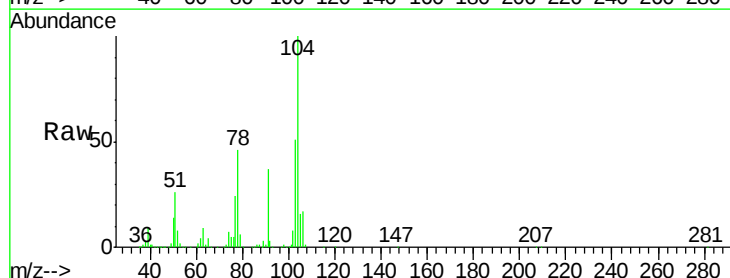
Manual Integrations
APPROVED

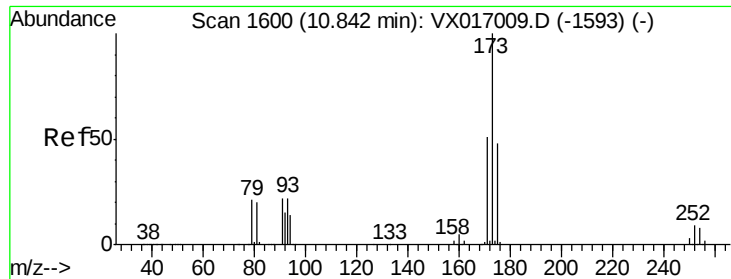
MMDadoda
7/10/2020 12:37:08 PM



#70
Styrene
Concen: 18.405 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion:104 Resp: 165810
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 54.8 43.0 64.6





#71

Bromoform

Concen: 20.016 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

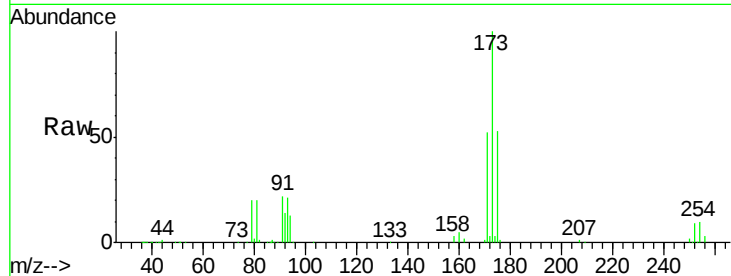
ClientSampleId :

VX0709WBSD02

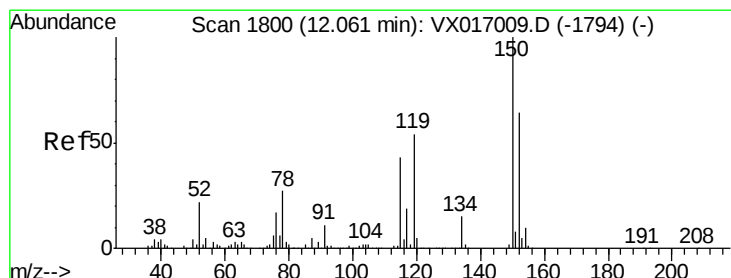
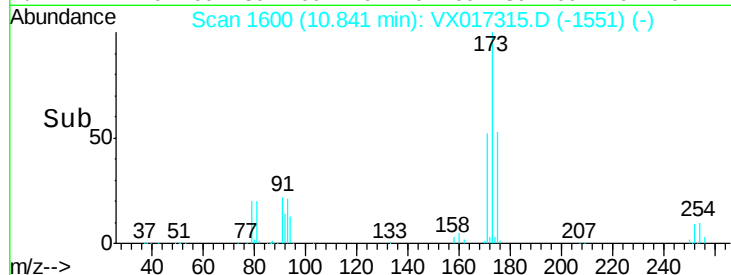
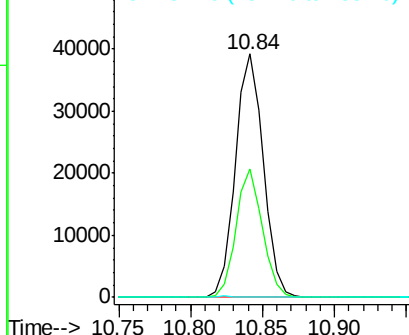
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.5	73.5
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

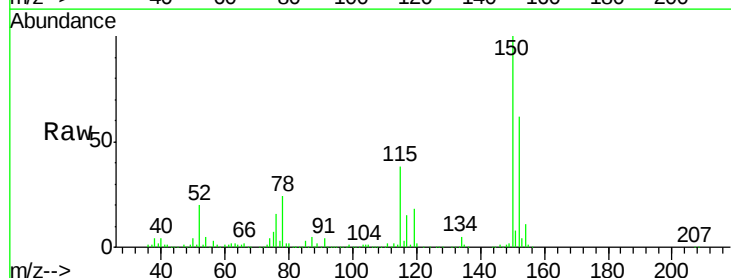
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

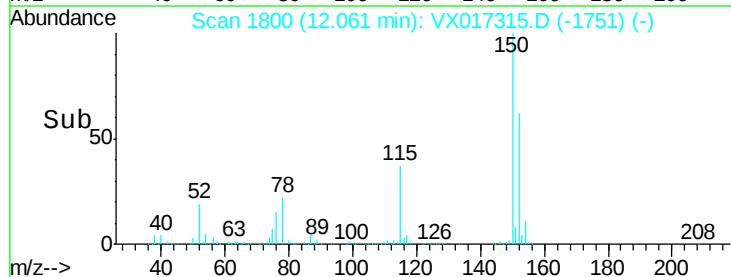
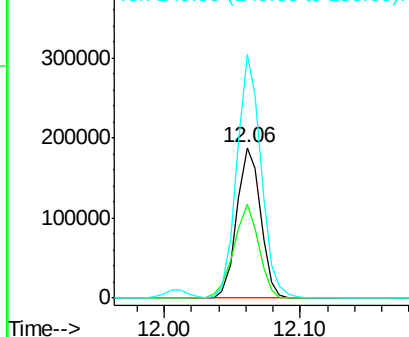
Lab File: VX017315.D

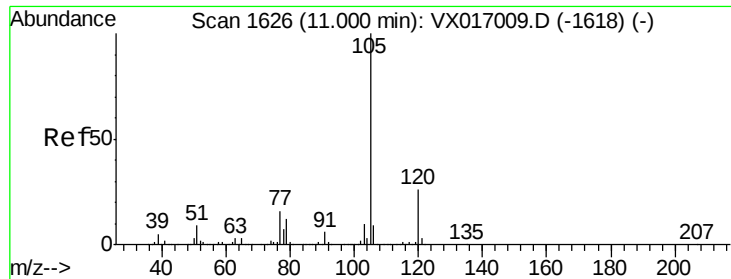
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.6	40.9	122.7
150	164.8	0.0	351.6



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





#73

Isopropylbenzene

Concen: 17.789 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 105 Resp: 265909

Ion Ratio Lower Upper

105 100

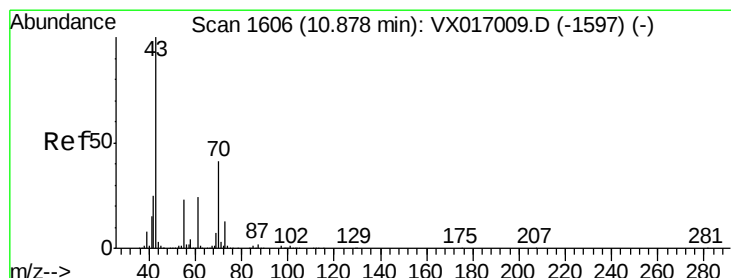
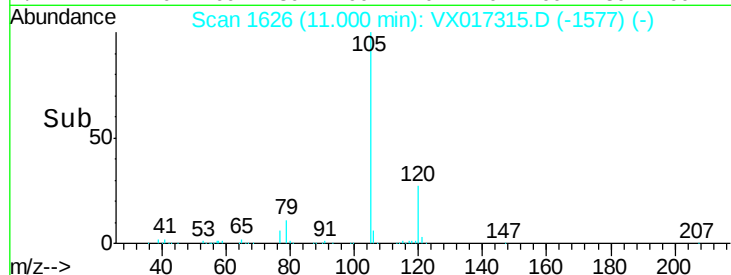
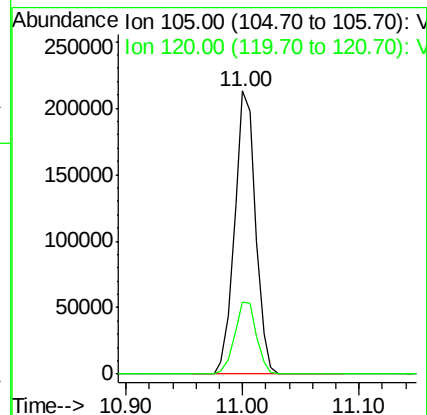
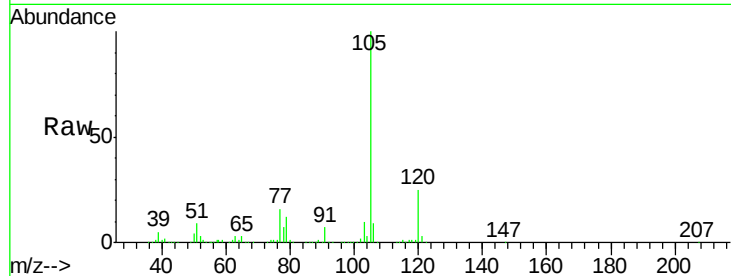
120 26.5 13.4 40.2

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#74

N-ethyl acetate

Concen: 16.901 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion: 43 Resp: 107801

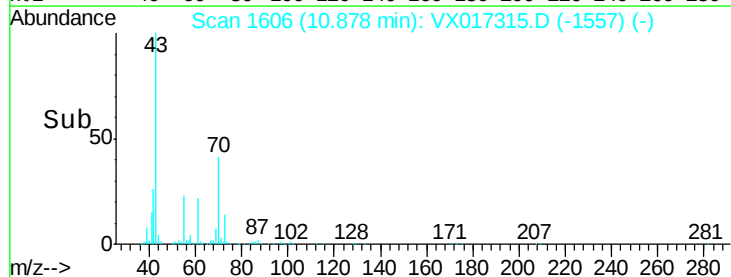
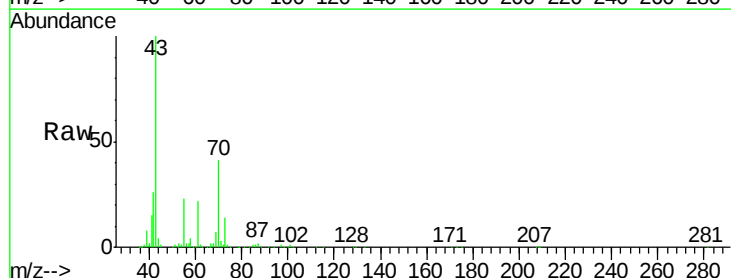
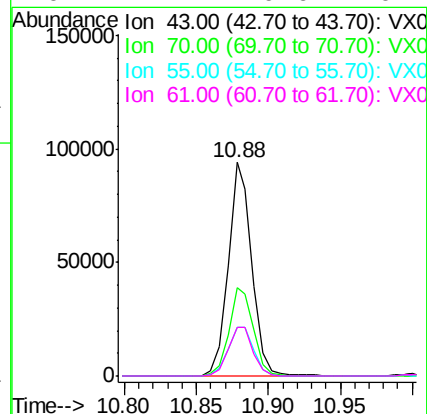
Ion Ratio Lower Upper

43 100

70 43.2 34.2 51.2

55 25.3 19.2 28.8

61 24.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.940 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

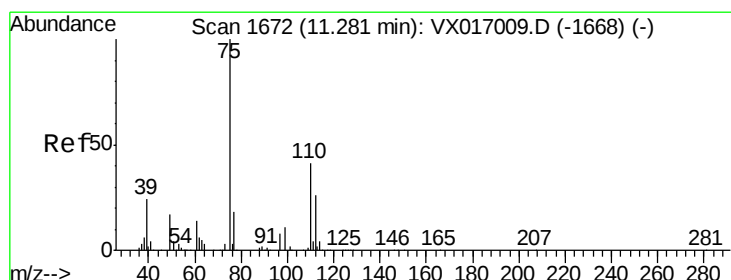
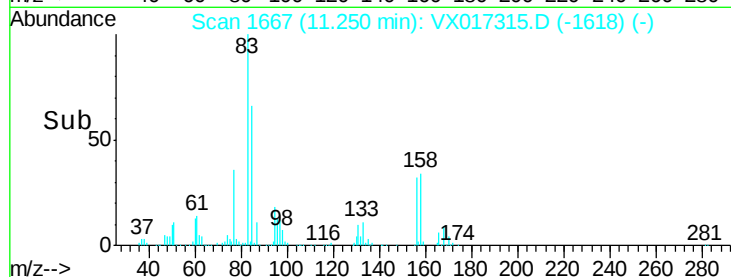
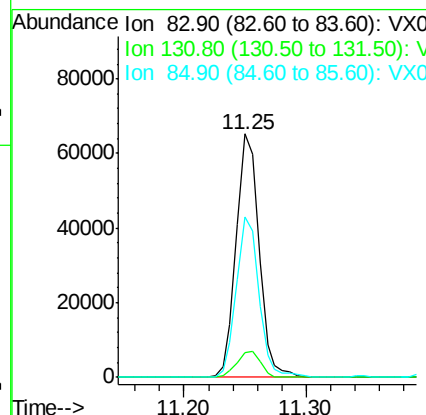
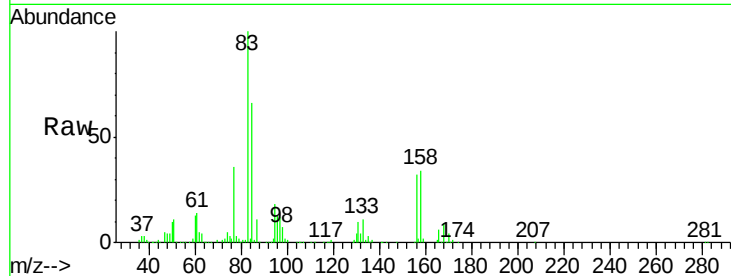
ClientSampleId :

VX0709WBSD02

Tot Ion:	83	Resp:	84356
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.4	16.2
85	65.1	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM



#76

1,2,3-Trichloropropane

Concen: 18.663 ug/l m

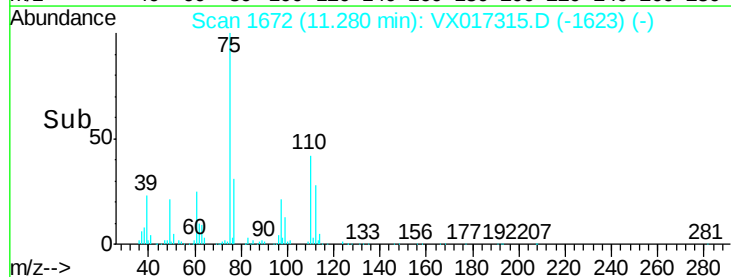
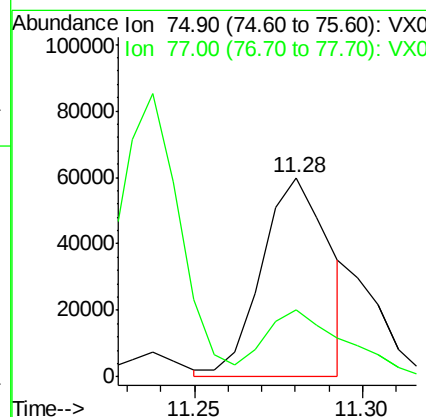
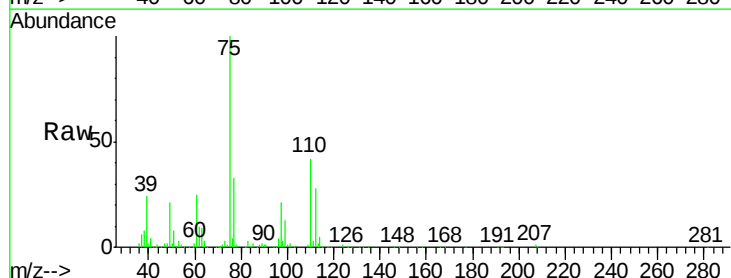
RT: 11.28 min Scan# 1672

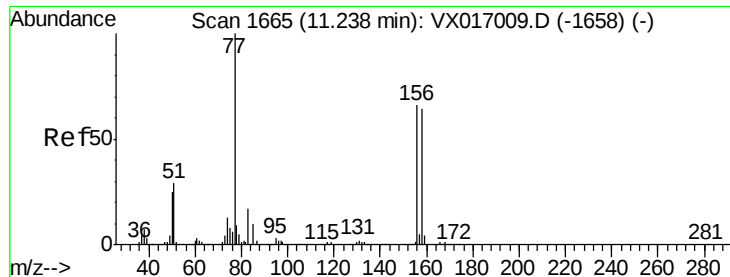
Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion:	75	Resp:	83752
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.2	60.6





#77

Bromobenzene

Concen: 17.992 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

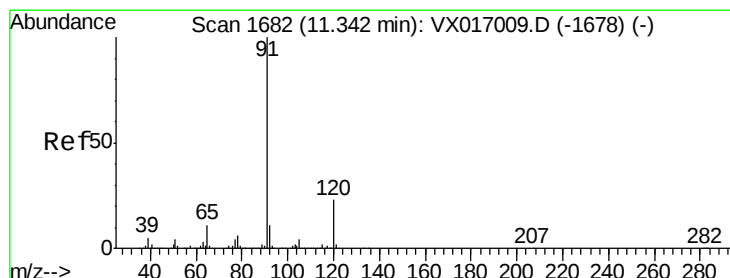
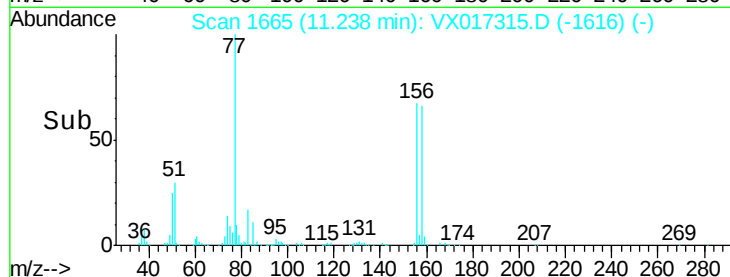
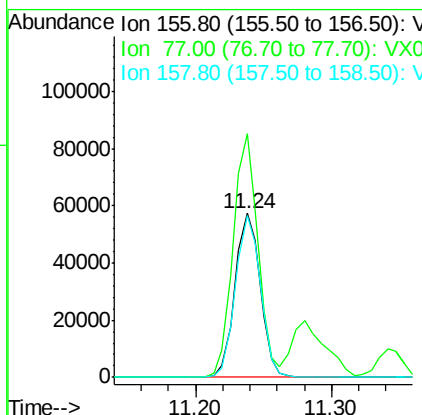
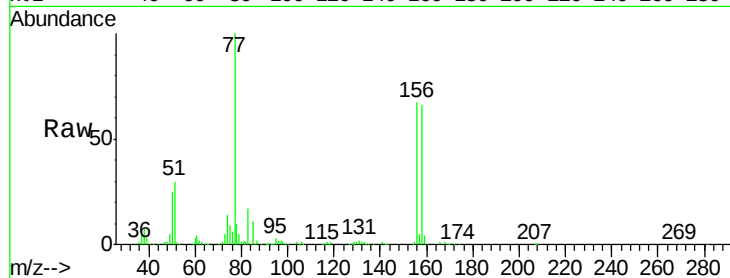
ClientSampleId :

VX0709WBSD02

Tot Ion:	156	Resp:	73917
Ion	Ratio	Lower	Upper
156	100		
77	146.0	76.9	230.7
158	97.9	47.9	143.6

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM



#78

n-propylbenzene

Concen: 17.617 ug/l

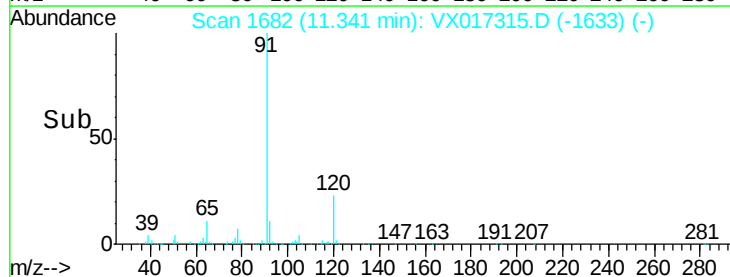
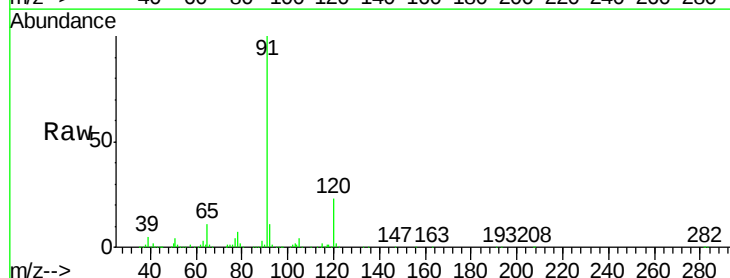
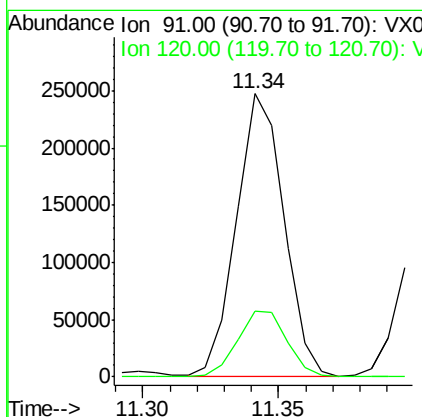
RT: 11.34 min Scan# 1682

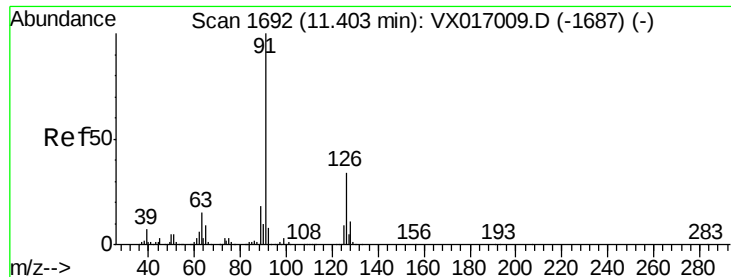
Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion:	91	Resp:	297788
Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.9





#79

2-Chlorotoluene

Concen: 17.423 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion: 91 Resp: 178242

Ion Ratio Lower Upper

91 100

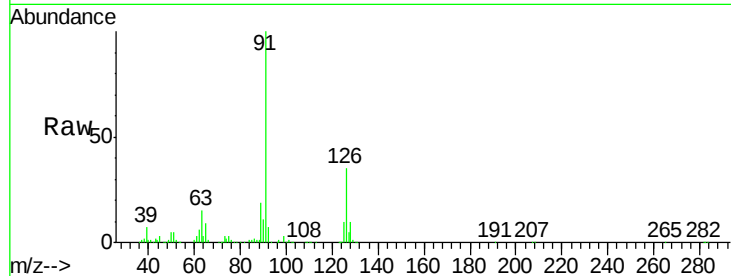
126 35.7 17.4 52.3

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



Abundance Ion 91.00 (90.70 to 91.70): VX017315.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX017315.D (-1643) (-)

250000

200000

150000

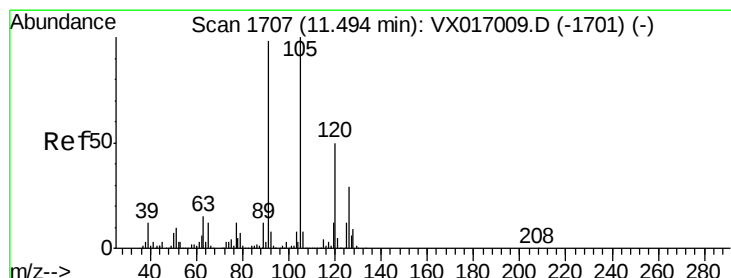
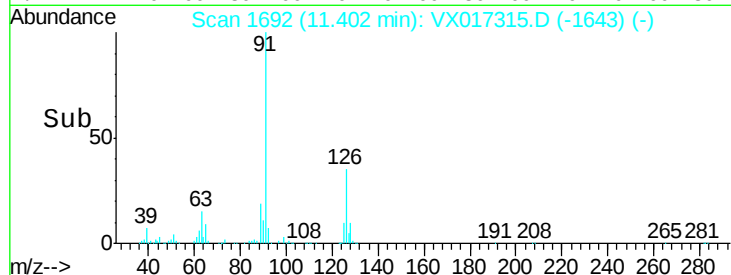
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.292 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017315.D

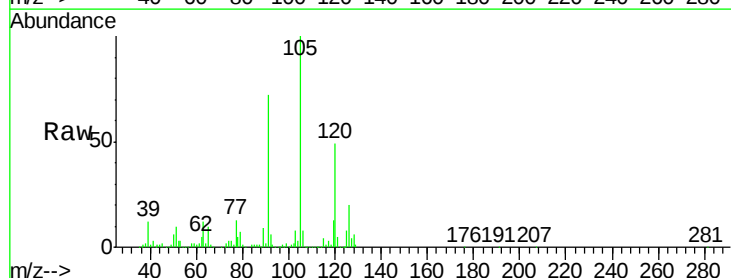
Acq: 09 Jul 2020 18:04

Tgt Ion: 105 Resp: 226804

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017315.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX017315.D (-1658) (-)

200000

150000

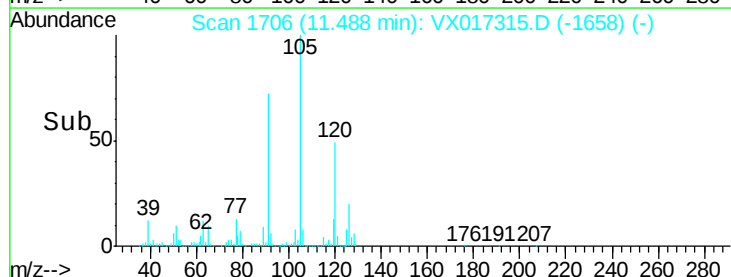
100000

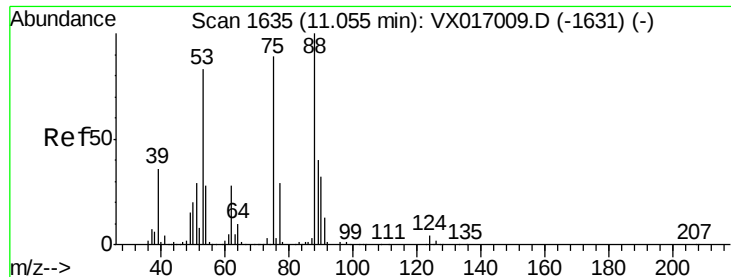
50000

0

11.45 11.50 11.55

Time-->





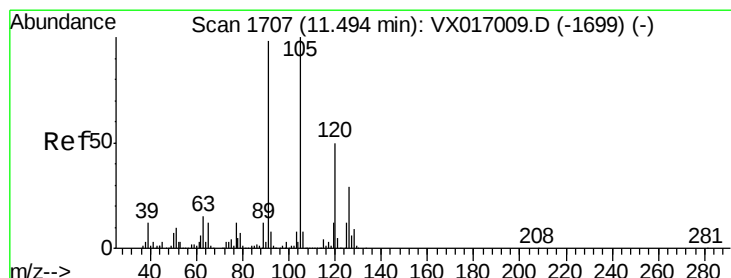
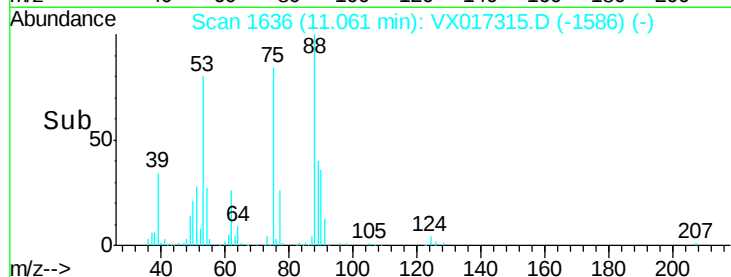
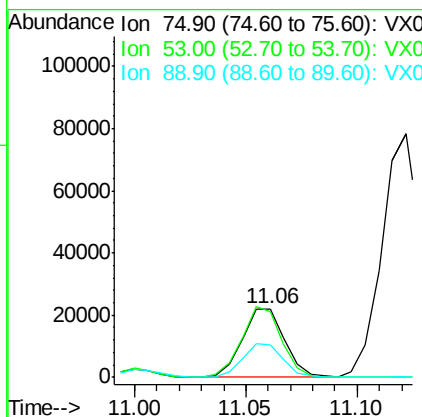
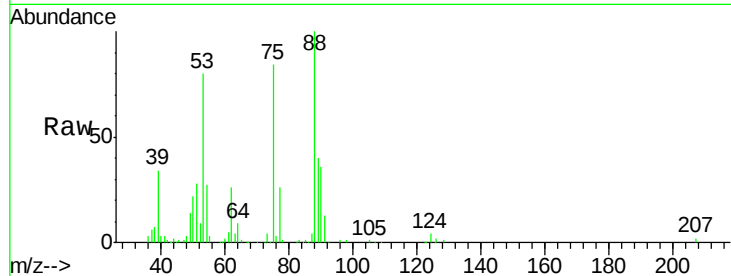
#81
trans-1,4-Dichloro-2-butene
Concen: 17.020 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	72.4	108.6
89	47.8	37.0	55.4

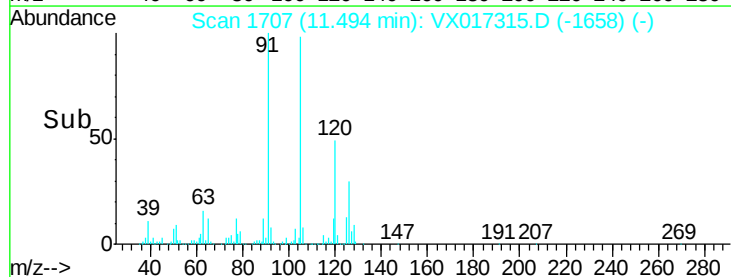
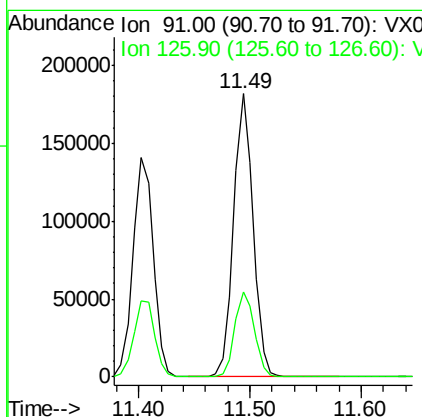
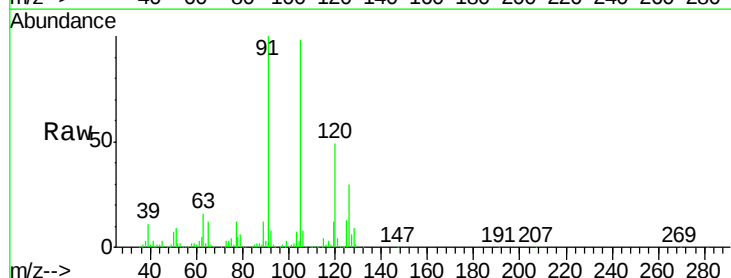
Manual Integrations
APPROVED

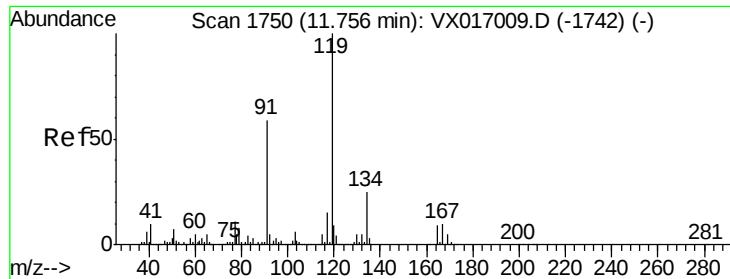
MMDadoda
7/10/2020 12:37:08 PM



#82
4-Chlorotoluene
Concen: 17.995 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.2	45.5





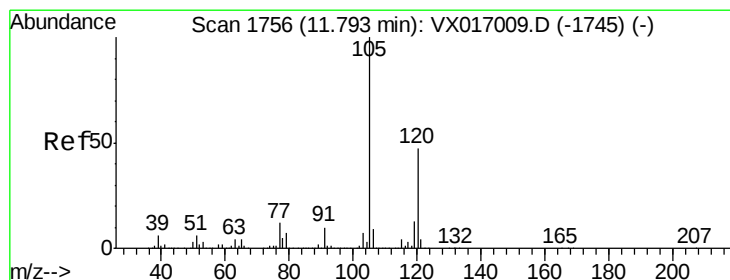
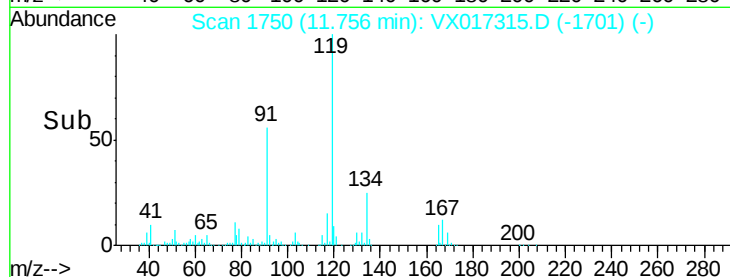
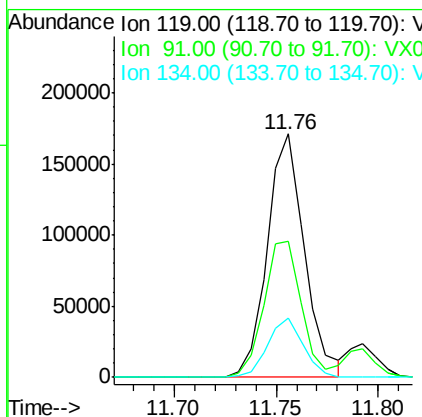
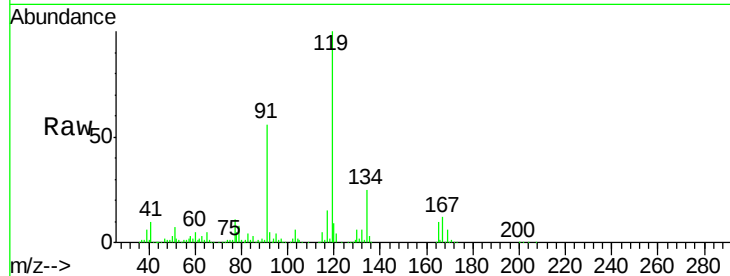
#83
tert-Butylbenzene
Concen: 17.854 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.3	84.9
134	23.3	11.7	35.1

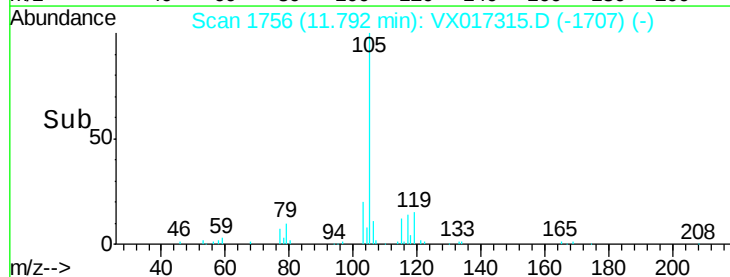
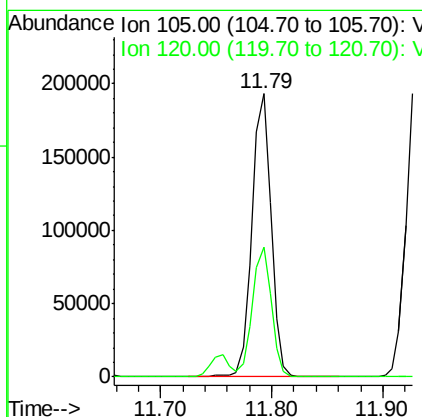
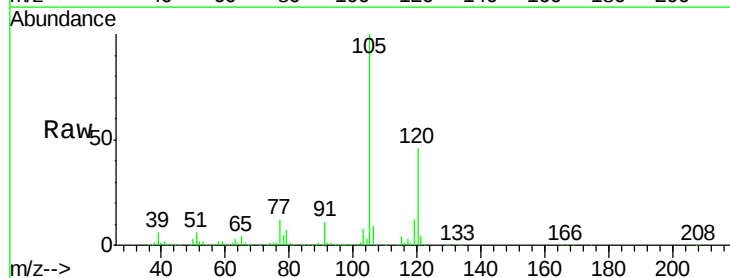
Manual Integrations
APPROVED

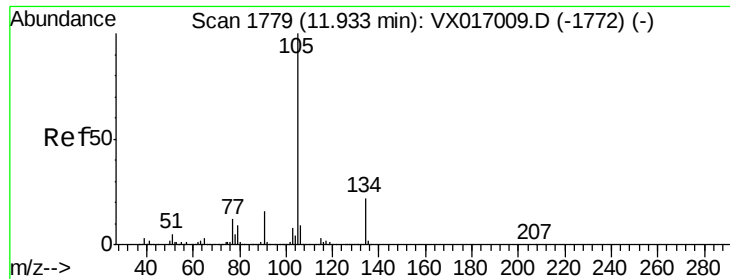
MMDadoda
7/10/2020 12:37:08 PM



#84
1,2,4-Trimethylbenzene
Concen: 18.400 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





#85

sec-Butylbenzene

Concen: 17.458 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

Tot Ion:105 Resp: 249776

Ion Ratio Lower Upper

105 100

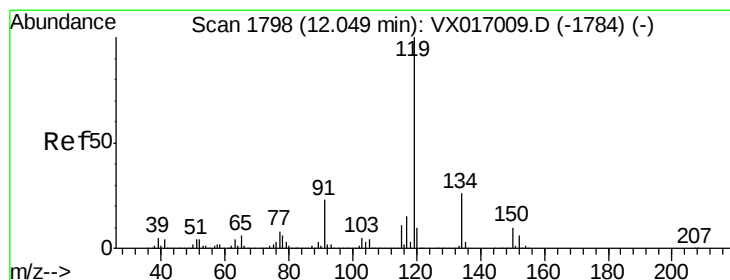
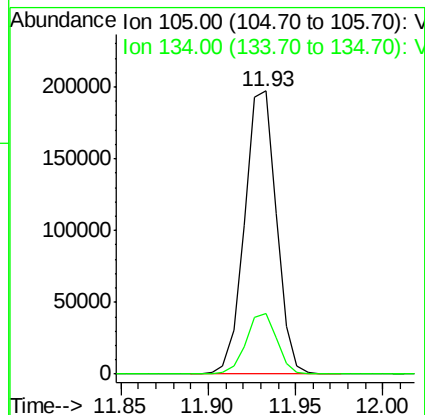
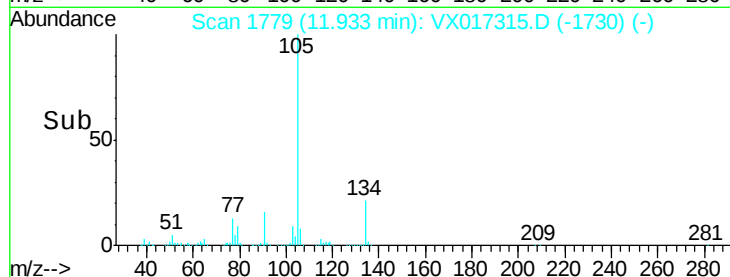
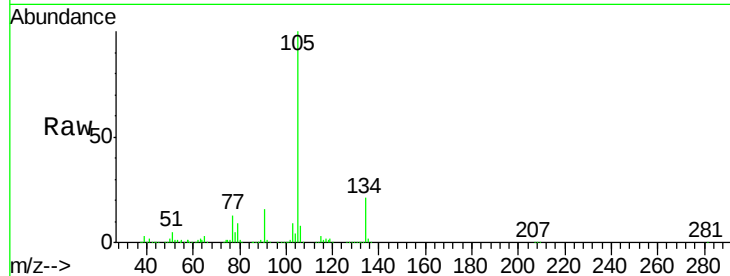
134 20.9 10.5 31.6

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:08 PM



#86

p-Isopropyltoluene

Concen: 18.019 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

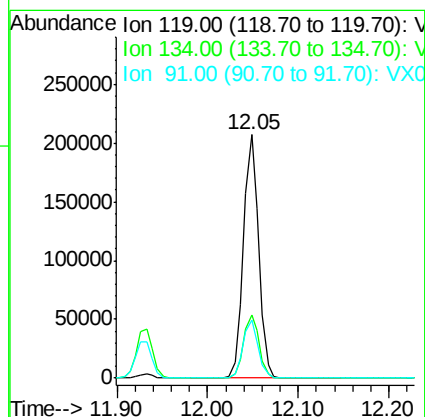
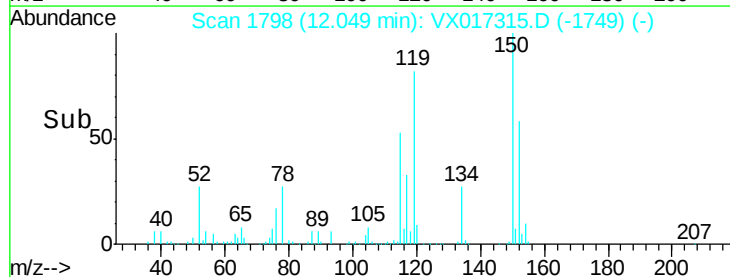
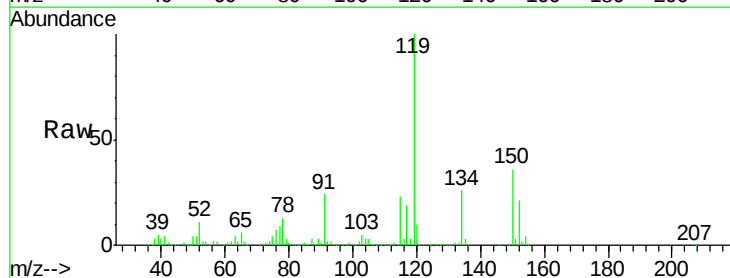
Tgt Ion:119 Resp: 240000

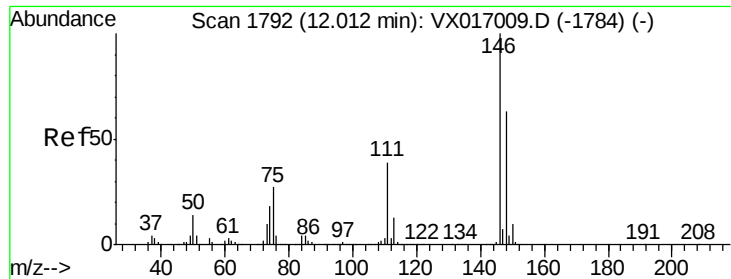
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.7 11.8 35.4





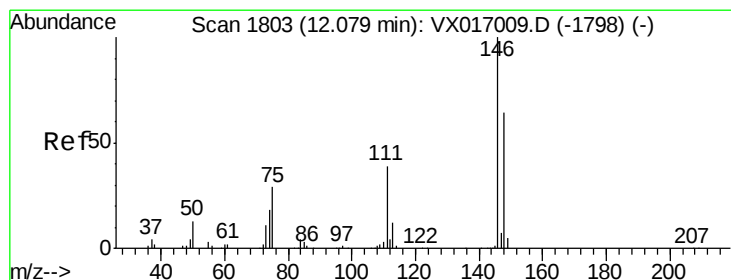
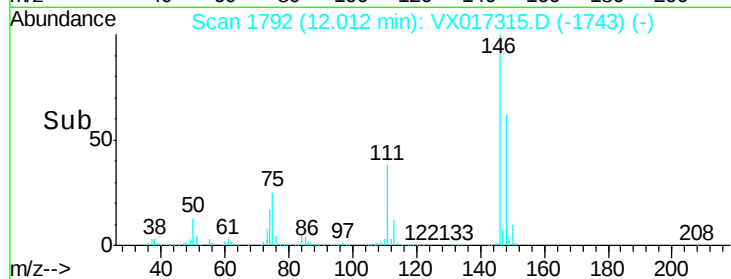
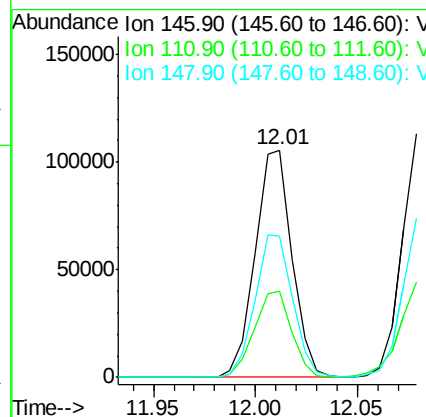
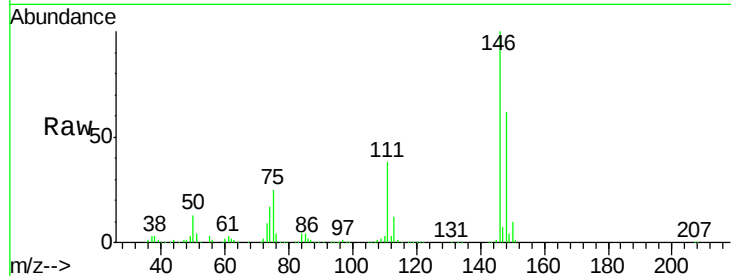
#87
 1,3-Dichlorobenzene
 Concen: 17.860 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.4	61.2
148	63.9	32.5	97.5

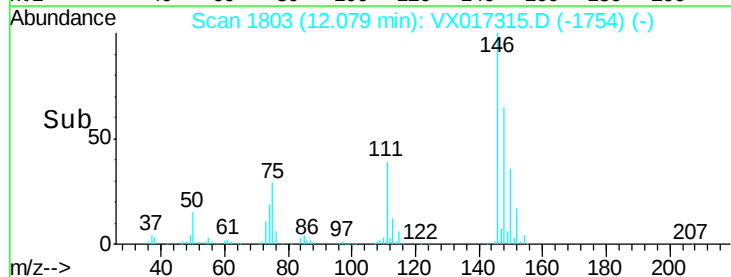
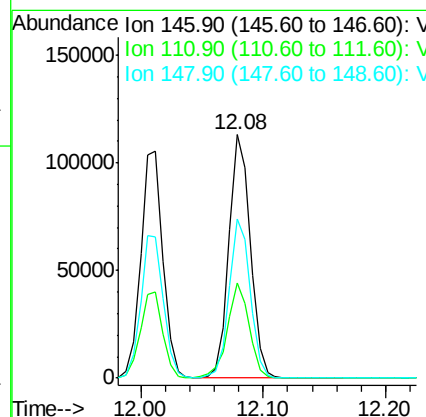
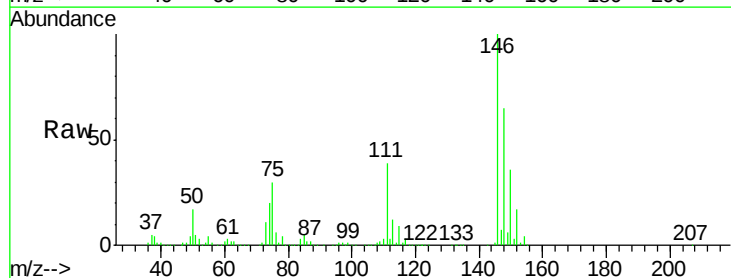
Manual Integrations
 APPROVED

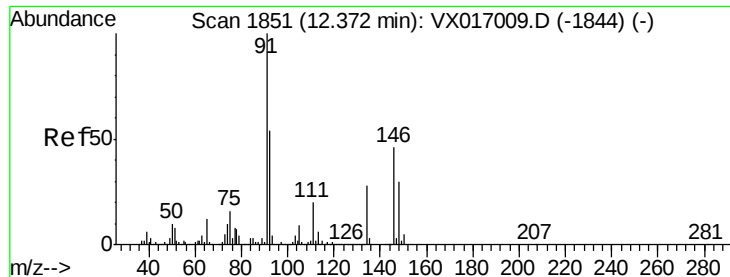
MMDadoda
 7/10/2020 12:37:08 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.338 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	64.1	31.9	95.7





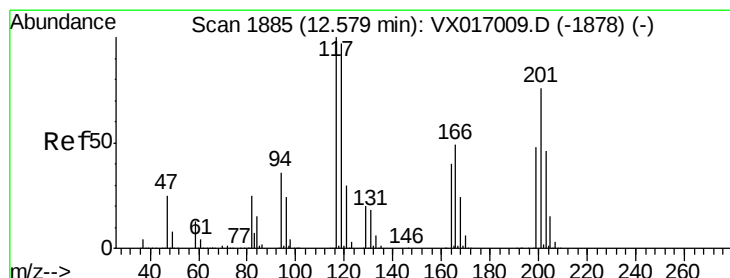
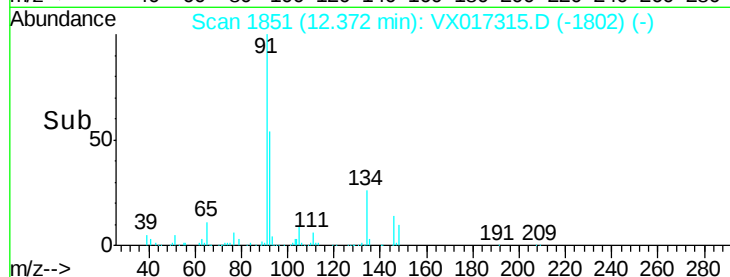
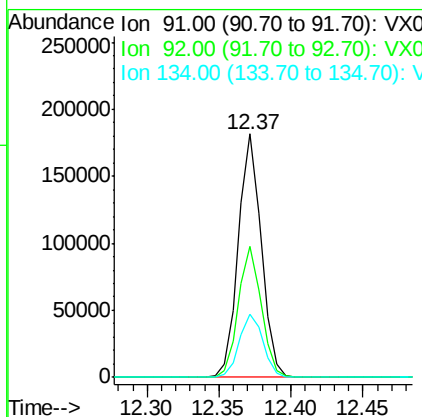
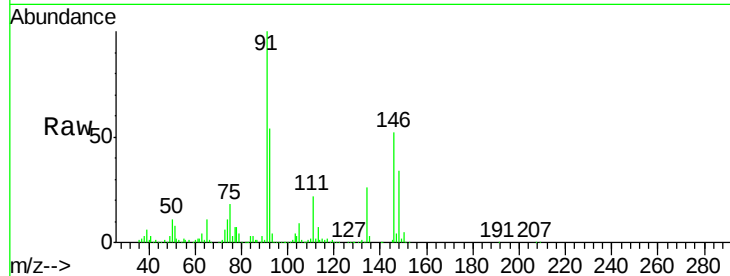
#89
n-Butylbenzene
Concen: 17.049 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.6
134	26.8	13.6	40.7

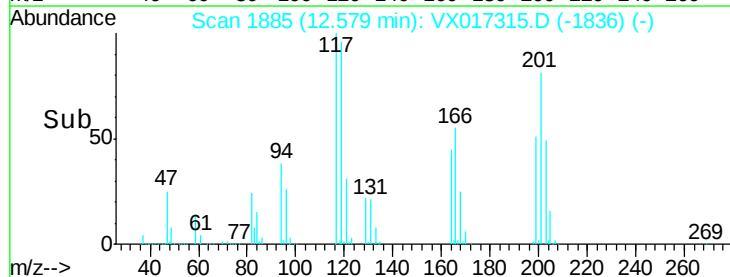
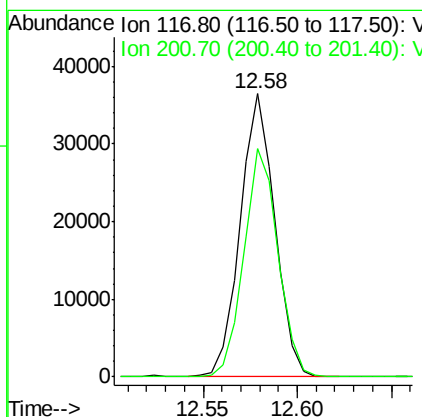
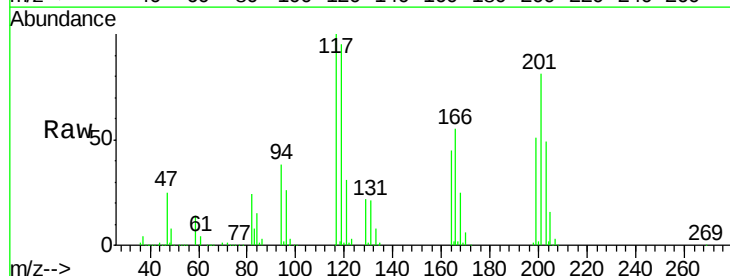
Manual Integrations
APPROVED

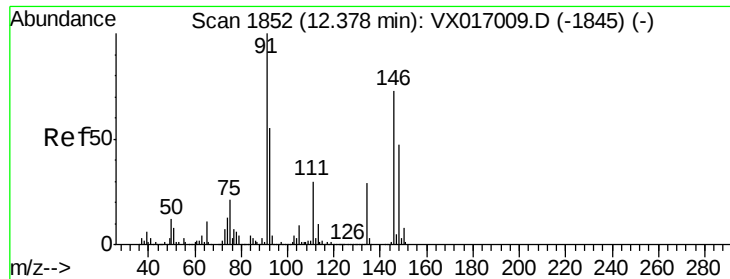
MMDadoda
7/10/2020 12:37:08 PM



#90
Hexachloroethane
Concen: 17.646 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.4	118.2





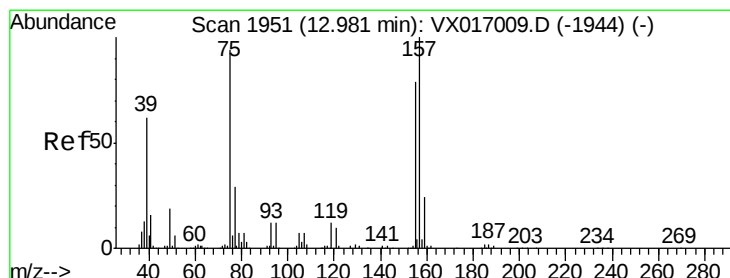
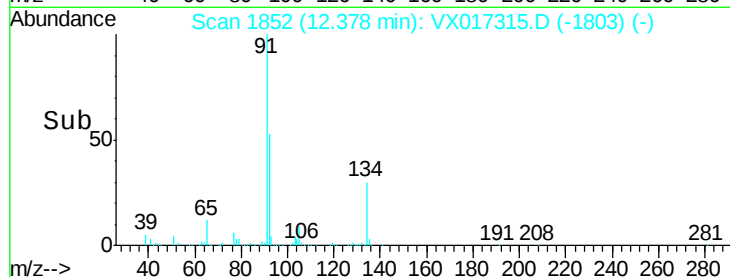
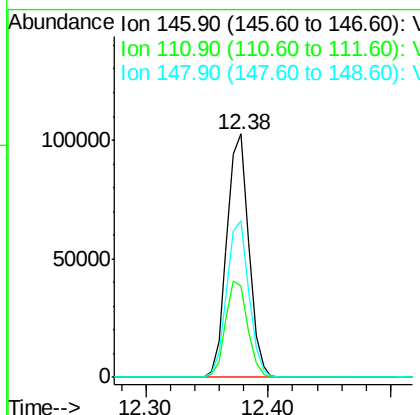
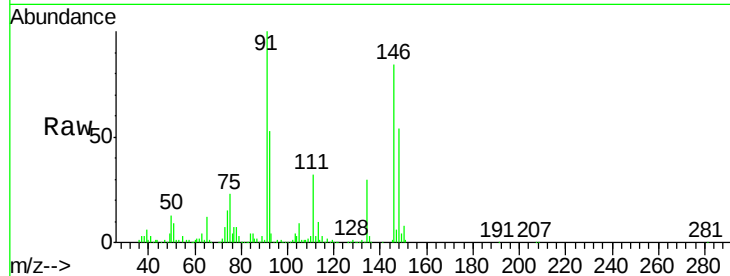
#91
1,2-Dichlorobenzene
Concen: 18.260 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	127355		
111	39.7	20.6	61.9	
148	64.7	32.4	97.2	

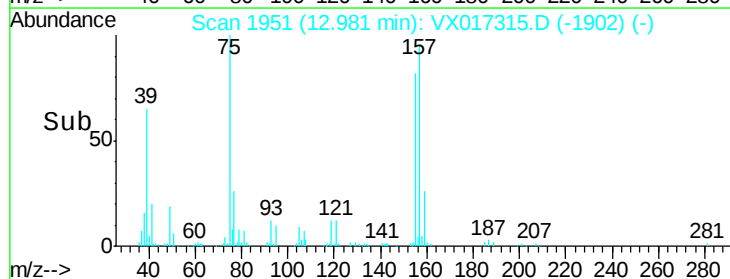
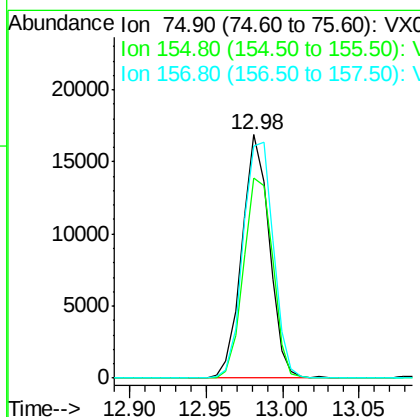
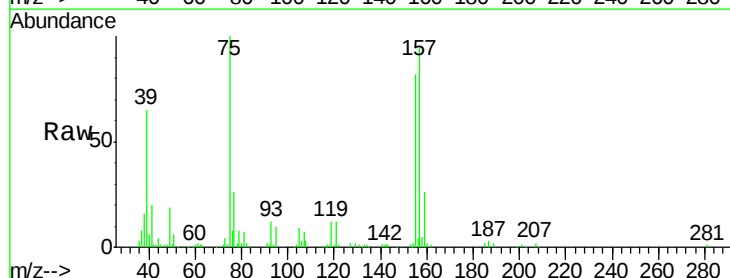
Manual Integrations
APPROVED

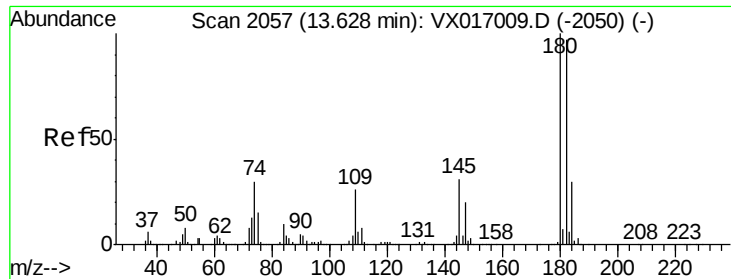
MMDadoda
7/10/2020 12:37:08 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.724 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21003		
155	87.7	45.1	135.2	
157	106.6	56.5	169.3	





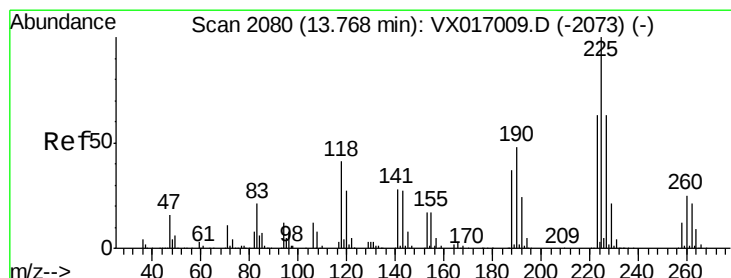
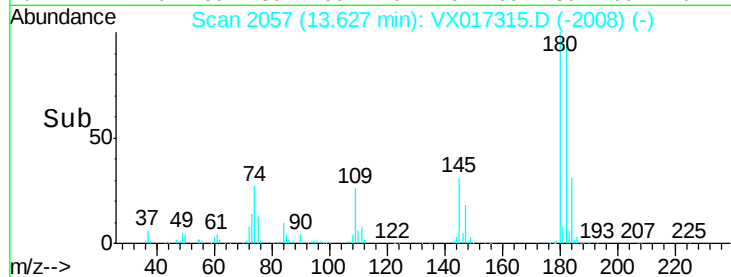
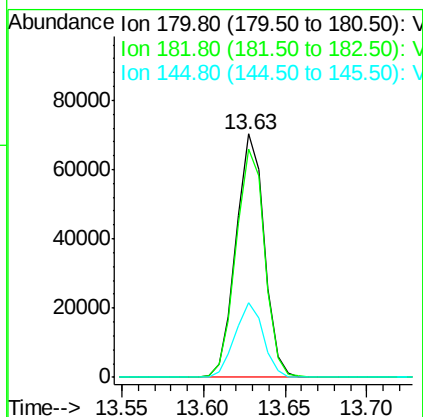
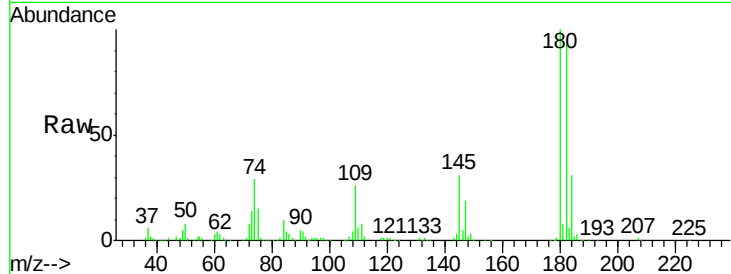
#93
 1,2,4-Trichlorobenzene
 Concen: 17.833 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	30.7	15.4	46.2

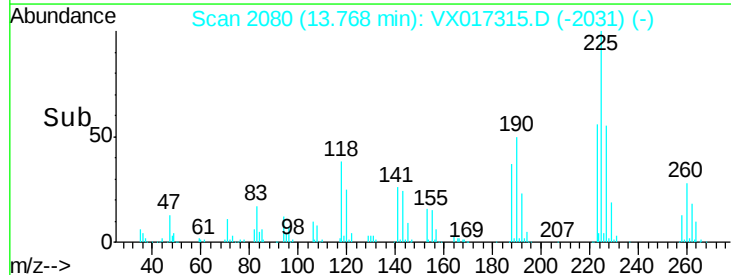
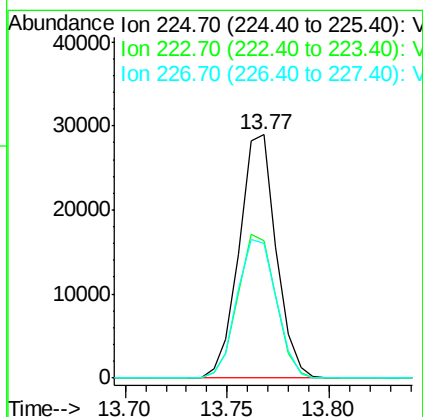
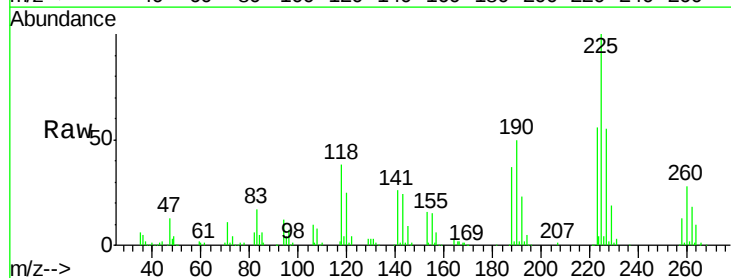
Manual Integrations
 APPROVED

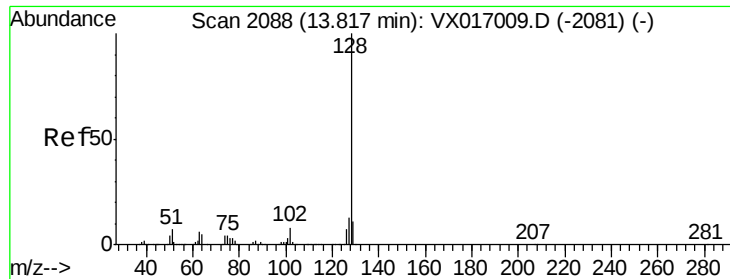
MMDadoda
 7/10/2020 12:37:08 PM



#94
 Hexachlorobutadiene
 Concen: 20.698 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	32.5	97.5
227	60.3	33.1	99.2





#95

Naphthalene

Concen: 18.022 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

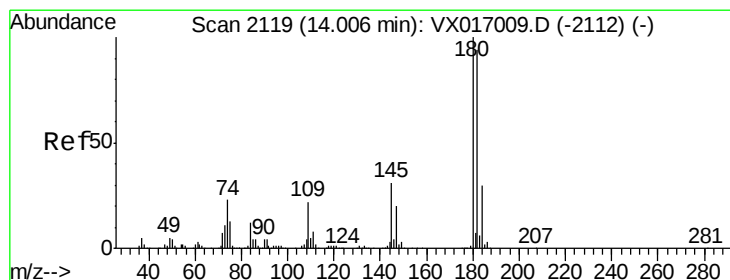
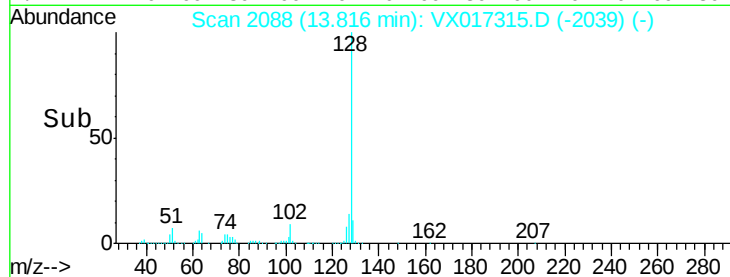
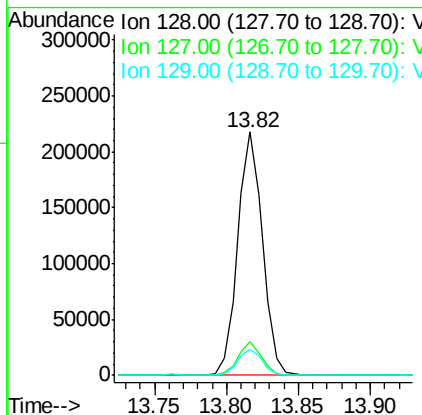
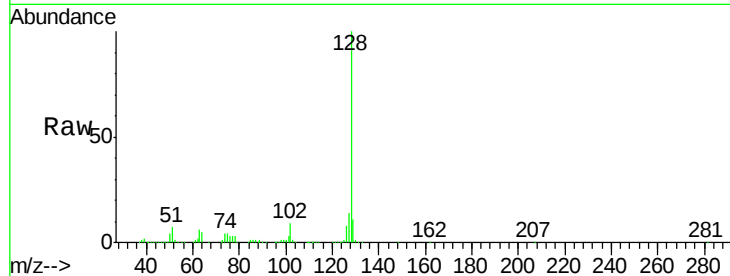
ClientSampleId :

VX0709WBSD02

Tot Ion:	128	Resp:	260826
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:08 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.393 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion:	180	Resp:	84736
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.1	141.4
145	32.9	16.6	49.7

