

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017314.D
 Acq On : 09 Jul 2020 17:42
 Operator : JC/SP
 Sample : VX0709WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:06 PM

Quant Time: Jul 10 07:14:20 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	291705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	444276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	183596	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	5.46	113	149295	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	8.70	98	528401	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.12	95	204214	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48639	17.235	ug/l	95
3) Chloromethane	1.32	50	51793	15.162	ug/l	94
4) Vinyl Chloride	1.39	62	49317	15.561	ug/l	100
5) Bromomethane	1.63	94	36519	21.809	ug/l	95
6) Chloroethane	1.71	64	32625	17.429	ug/l	98
7) Trichlorofluoromethane	1.92	101	88810	18.947	ug/l	97
8) Diethyl Ether	2.17	74	30303	19.439	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52068	18.534	ug/l	98
10) Methyl Iodide	2.49	142	42271	11.661	ug/l	99
11) Tert butyl alcohol	3.01	59	64786	94.435	ug/l	100
12) 1,1-Dichloroethene	2.35	96	49165	17.036	ug/l	99
13) Acrolein	2.27	56	26713	65.138	ug/l	100
14) Allyl chloride	2.71	41	90336	16.937	ug/l	98
15) Acrylonitrile	3.12	53	156395	94.831	ug/l	99
16) Acetone	2.42	43	127228	94.574	ug/l	97
17) Carbon Disulfide	2.55	76	128503	15.972	ug/l	100
18) Methyl Acetate	2.74	43	71904	20.475	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	185780	19.180	ug/l	99
20) Methylene Chloride	2.84	84	60119	19.000	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55735	17.402	ug/l	98
22) Diisopropyl ether	3.82	45	184479	18.688	ug/l	96
23) Vinyl Acetate	3.79	43	795675	93.800	ug/l	99
24) 1,1-Dichloroethane	3.67	63	103935	18.504	ug/l	99
25) 2-Butanone	4.63	43	211755	94.467	ug/l	99
26) 2,2-Dichloropropane	4.55	77	93788	18.806	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	64451	17.760	ug/l	99
28) Bromochloromethane	4.98	49	52252	19.117	ug/l	96
29) Tetrahydrofuran	5.09	42	140333	94.751	ug/l	99
30) Chloroform	5.18	83	110110	19.123	ug/l	99
31) Cyclohexane	5.55	56	81029	16.690	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	98202	18.519	ug/l	97
36) 1,1-Dichloropropene	5.77	75	75829	18.059	ug/l	99
37) Ethyl Acetate	4.79	43	82882	19.454	ug/l	99
38) Carbon Tetrachloride	5.75	117	90436	19.554	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070920\
 Data File : VX017314.D
 Acq On : 09 Jul 2020 17:42
 Operator : JC/SP
 Sample : VX0709WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0709WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:06 PM

Quant Time: Jul 10 07:14:20 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	80189	17.164	ug/l	99
40) Benzene	6.12	78	227694	18.456	ug/l	99
41) Methacrylonitrile	5.00	41	46354	19.332	ug/l	99
42) 1,2-Dichloroethane	6.16	62	89273	20.033	ug/l	99
43) Isopropyl Acetate	6.42	43	133643	18.878	ug/l	98
44) Trichloroethene	7.19	130	66333	19.294	ug/l	95
45) 1,2-Dichloropropane	7.49	63	59877	18.896	ug/l	96
46) Dibromomethane	7.64	93	42832	19.799	ug/l	96
47) Bromodichloromethane	7.88	83	89854	20.154	ug/l	97
48) Methyl methacrylate	7.74	41	64129	19.067	ug/l	96
49) 1,4-Dioxane	7.71	88	26848	352.353	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	430453	102.003	ug/l	100
52) Toluene	8.76	92	145905	18.942	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	95503	19.415	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	100319	19.025	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	62568	19.881	ug/l	98
56) Ethyl methacrylate	9.16	69	88513	19.760	ug/l	100
57) 1,3-Dichloropropane	9.35	76	103454	19.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	233615	104.792	ug/l	99
59) 2-Hexanone	9.47	43	322430	104.617	ug/l	100
60) Dibromochloromethane	9.57	129	73792	20.188	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66179	19.563	ug/l	99
64) Tetrachloroethene	9.32	164	67128	19.924	ug/l	96
65) Chlorobenzene	10.12	112	161960	18.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	65489	19.723	ug/l	99
67) Ethyl Benzene	10.24	91	269479	18.728	ug/l	99
68) m/p-Xylenes	10.34	106	211296	38.244	ug/l	99
69) o-Xylene	10.68	106	98292	18.702	ug/l	98
70) Styrene	10.69	104	173325	19.366	ug/l	100
71) Bromoform	10.84	173	55879	21.221	ug/l	99
73) Isopropylbenzene	11.00	105	272273	18.275	ug/l	99
74) N-amyl acetate	10.88	43	113758	17.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88869	18.963	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	85468m	19.109	ug/l	
77) Bromobenzene	11.24	156	75051	18.329	ug/l	98
78) n-propylbenzene	11.34	91	306349	18.184	ug/l	98
79) 2-Chlorotoluene	11.40	91	188951	18.531	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	229367	18.561	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31365	18.160	ug/l	96
82) 4-Chlorotoluene	11.49	91	223691	18.352	ug/l	100
83) tert-Butylbenzene	11.76	119	220889	18.209	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	237241	18.923	ug/l	98
85) sec-Butylbenzene	11.93	105	256743	18.005	ug/l	99
86) p-Isopropyltoluene	12.05	119	245704	18.509	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138922	18.681	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	136554	19.354	ug/l	97
89) n-Butylbenzene	12.37	91	205318	17.322	ug/l	99
90) Hexachloroethane	12.58	117	46655	17.822	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	132088	19.002	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20293	18.152	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070920\
Data File : VX017314.D
Acq On : 09 Jul 2020 17:42
Operator : JC/SP
Sample : VX0709WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

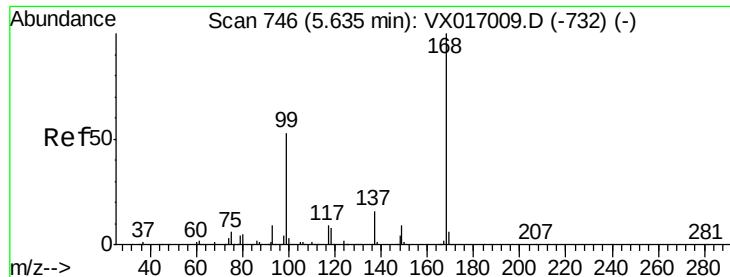
Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:06 PM

Quant Time: Jul 10 07:14:20 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	84901	17.894	ug/l	99
94) Hexachlorobutadiene	13.76	225	36426	20.732	ug/l	94
95) Naphthalene	13.82	128	263397	18.261	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	82940	18.063	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion:168 Resp: 291705

Ion Ratio Lower Upper

168 100

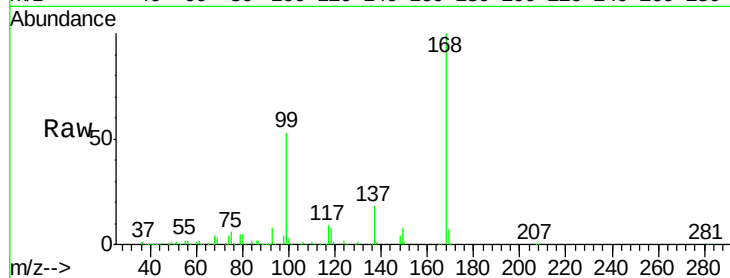
99 53.2 42.6 64.0

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:06 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

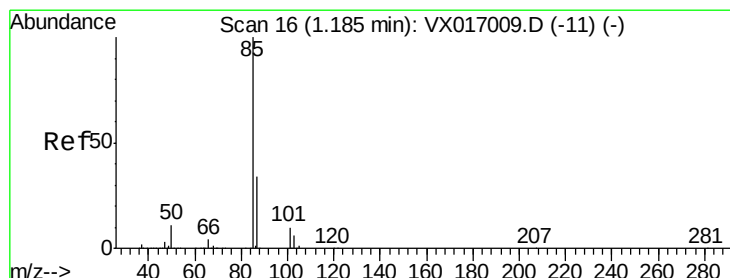
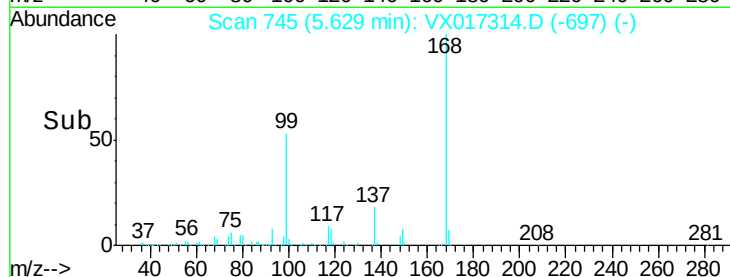
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.235 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017314.D

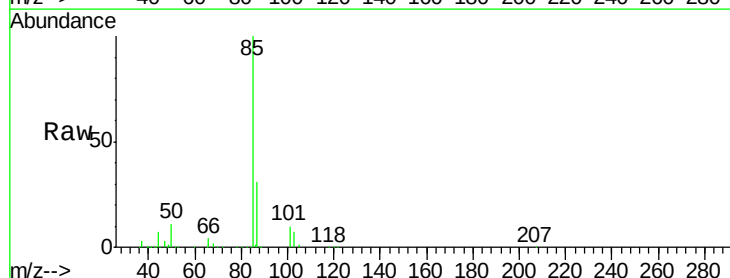
Acq: 09 Jul 2020 17:42

Tgt Ion: 85 Resp: 48639

Ion Ratio Lower Upper

85 100

87 30.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

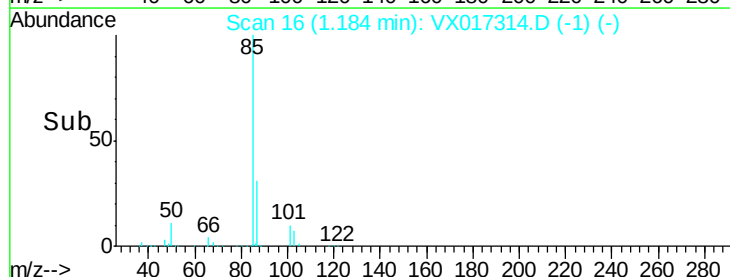
30000

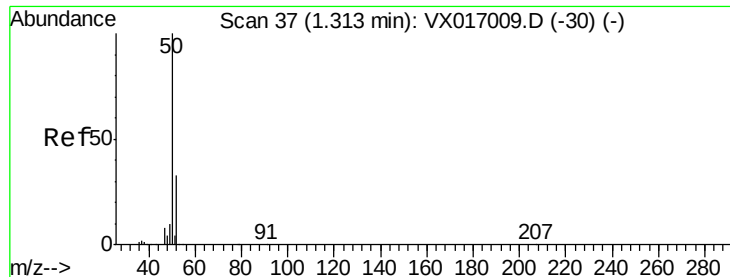
20000

10000

0

Time-->





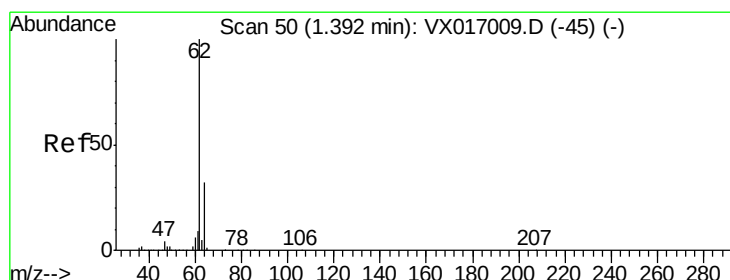
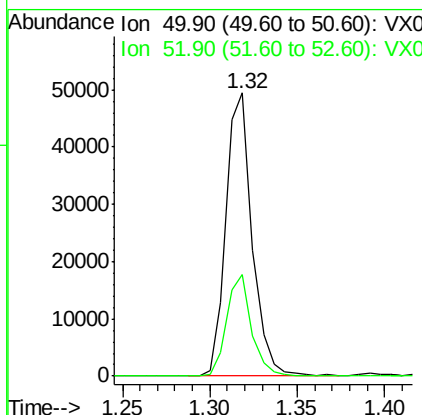
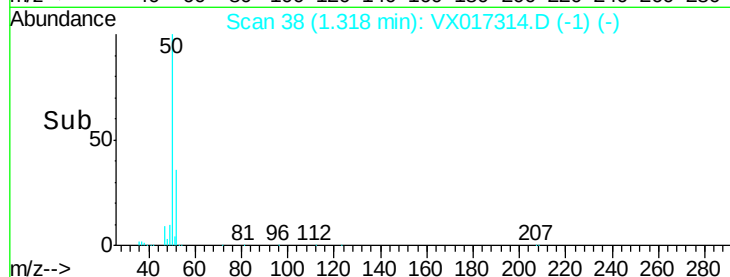
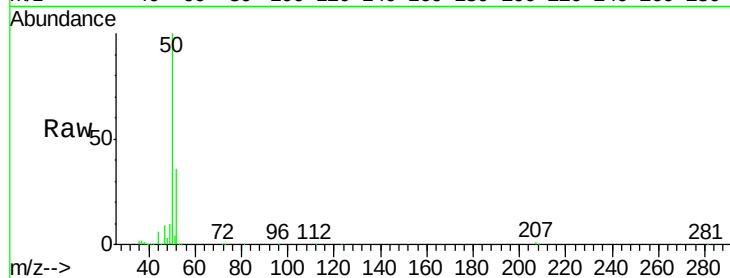
#3
Chloromethane
Concen: 15.162 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion: 50 Resp: 51793
Ion Ratio Lower Upper
50 100
52 36.1 26.1 39.1

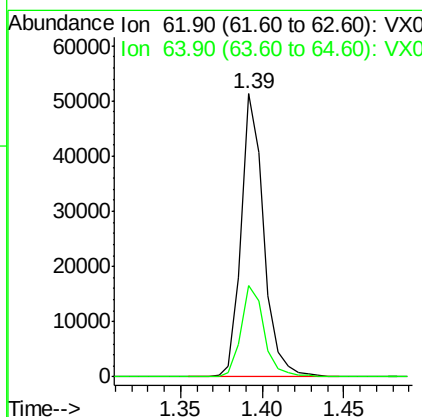
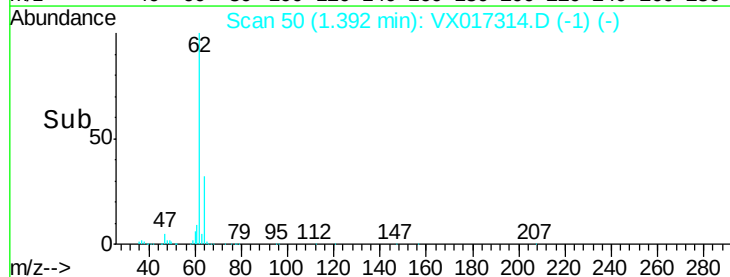
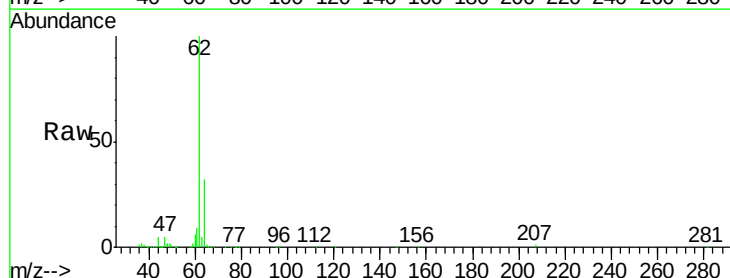
Manual Integrations
APPROVED

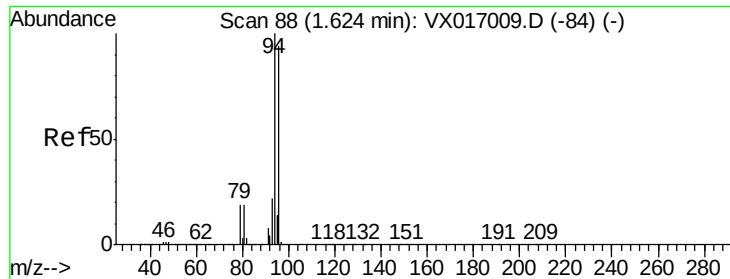
MMDadoda
7/10/2020 12:37:06 PM



#4
Vinyl Chloride
Concen: 15.561 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion: 62 Resp: 49317
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5

Bromomethane

Concen: 21.809 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 94 Resp: 36519

Ion Ratio Lower Upper

94 100

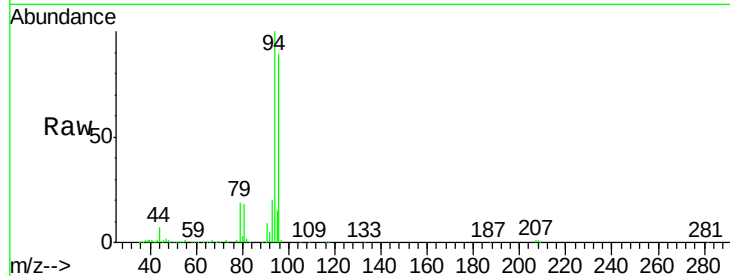
96 89.0 75.0 112.4

Manual Integrations

APPROVED

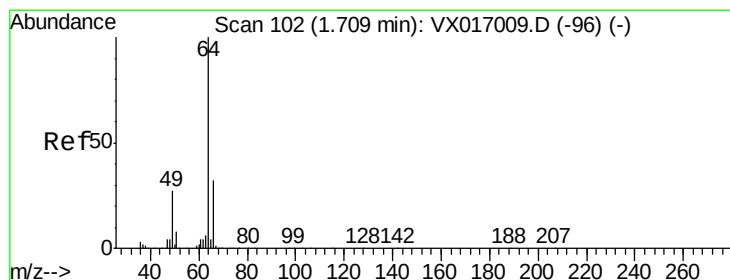
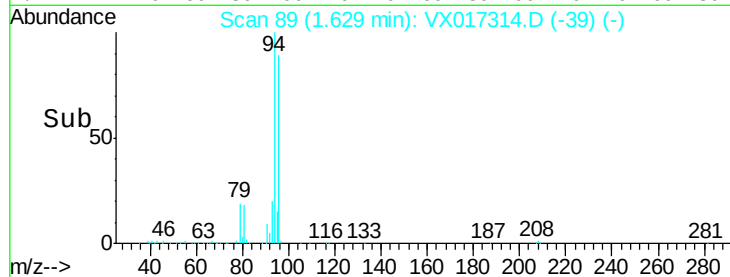
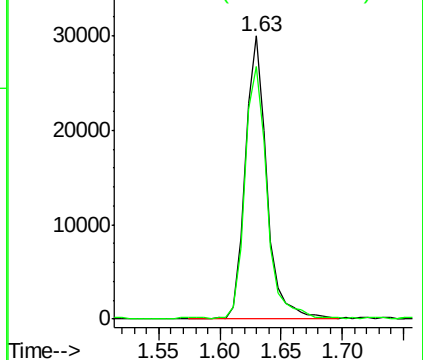
MMDadoda

7/10/2020 12:37:06 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.429 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017314.D

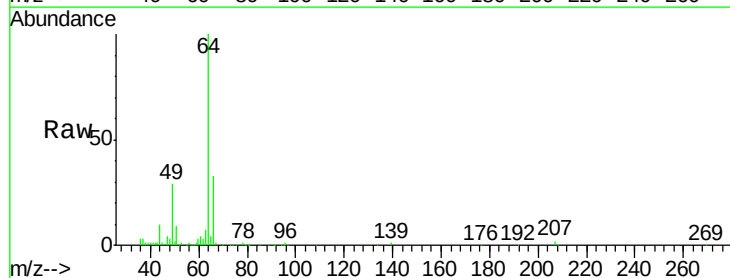
Acq: 09 Jul 2020 17:42

Tgt Ion: 64 Resp: 32625

Ion Ratio Lower Upper

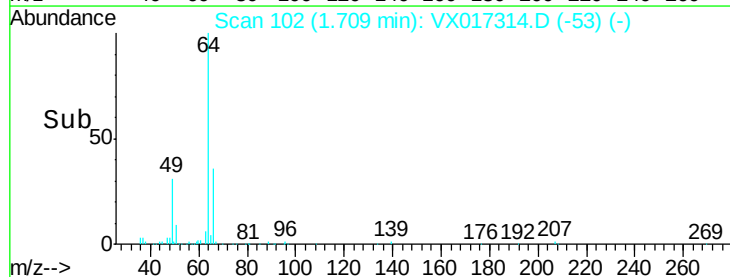
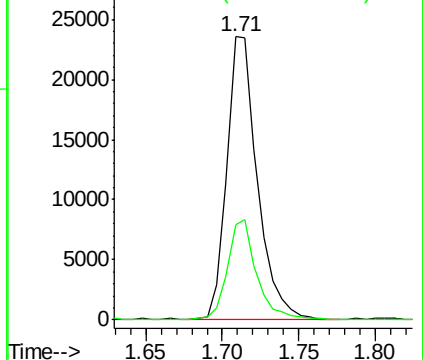
64 100

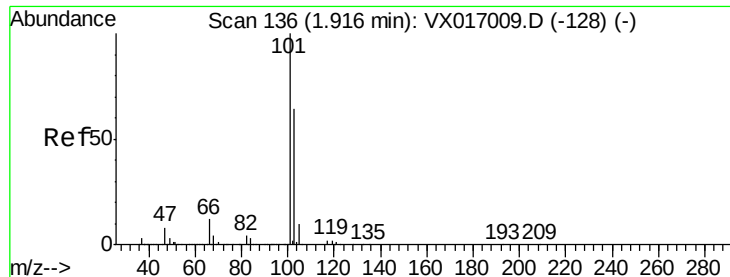
66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

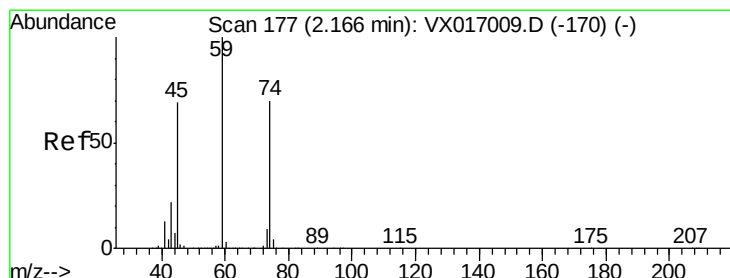
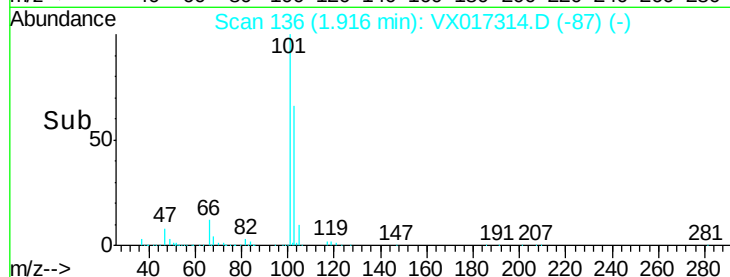
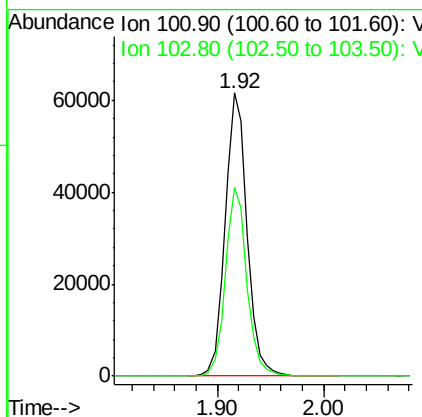
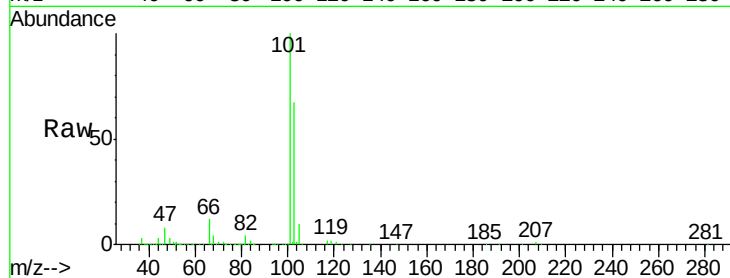
Trichlorofluoromethane
Concen: 18.947 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.5	77.3

Manual Integrations
APPROVED

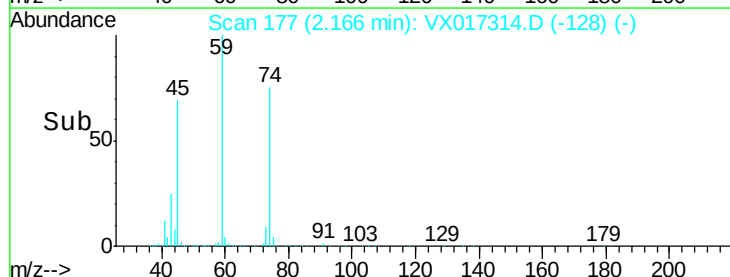
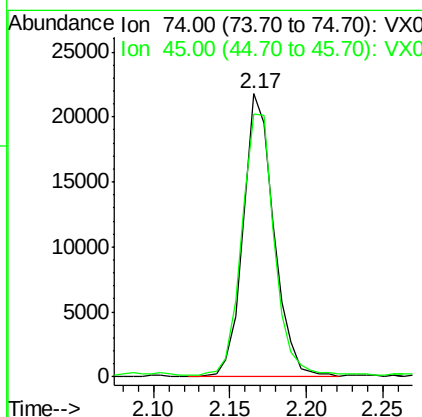
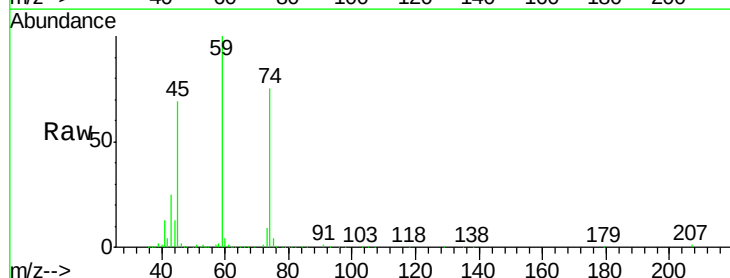
MMDadoda
7/10/2020 12:37:06 PM

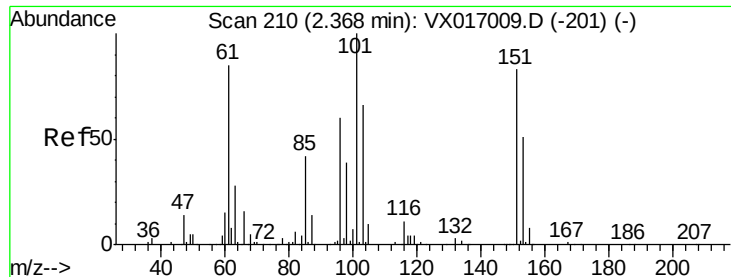


#8

Diethyl Ether
Concen: 19.439 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.534 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

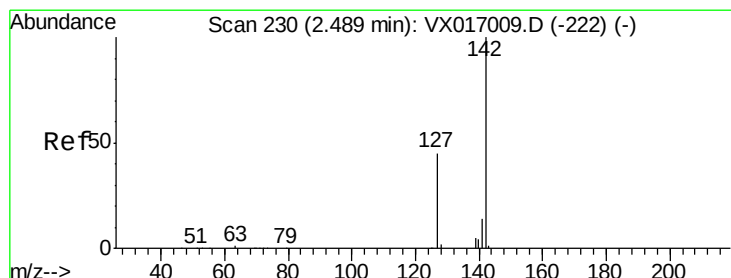
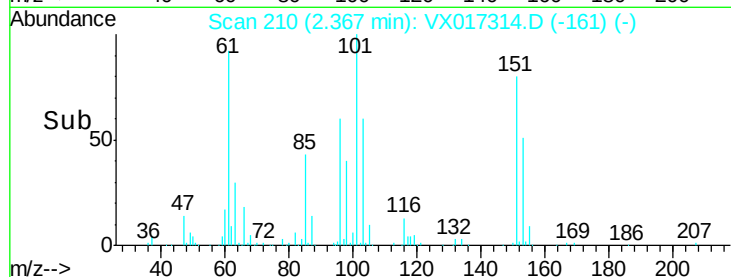
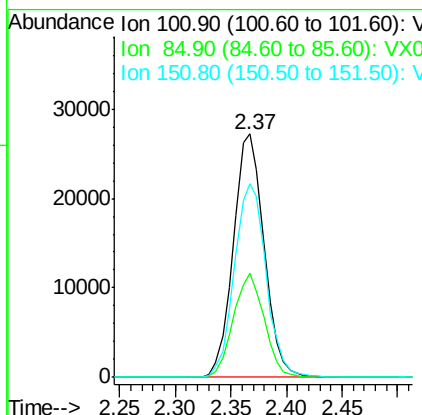
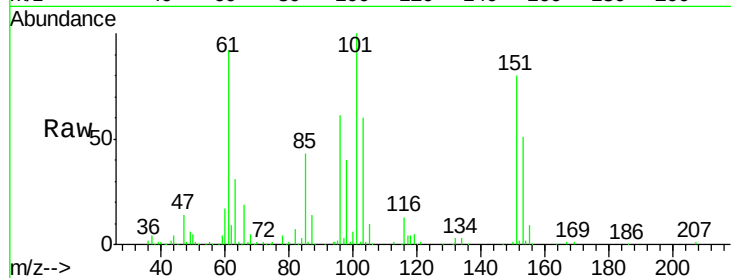
ClientSampleId :

VX0709WBS02

Tot Ion:	101	Resp:	52068
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.5	50.3
151	82.2	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:06 PM



#10

Methyl Iodide

Concen: 11.661 ug/l

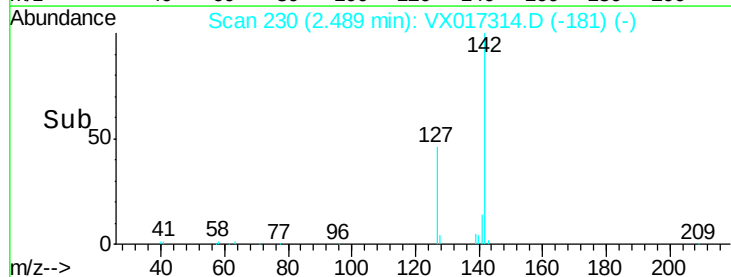
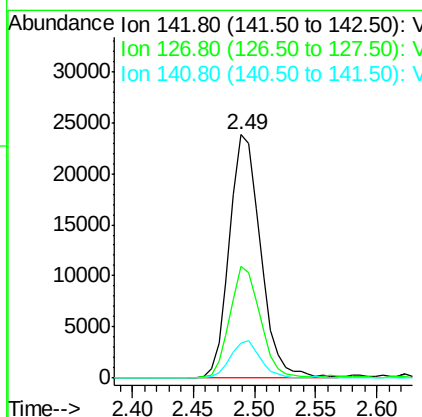
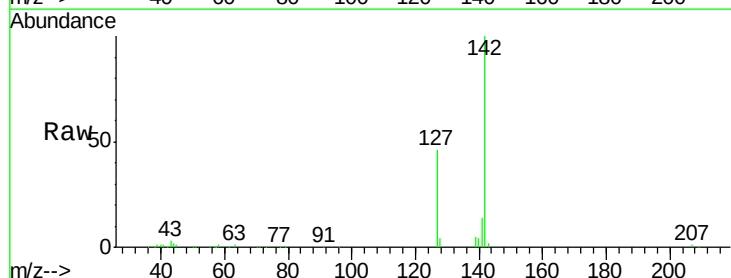
RT: 2.49 min Scan# 230

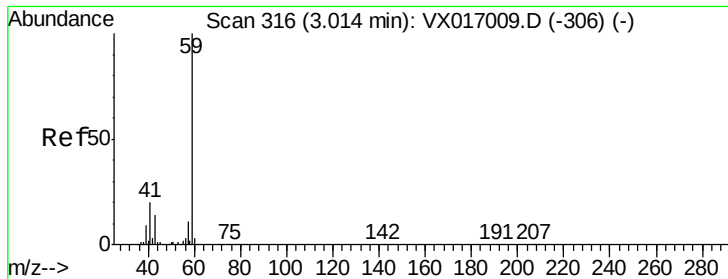
Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Tgt Ion:	142	Resp:	42271
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.6	54.8
141	14.7	11.6	17.4





#11

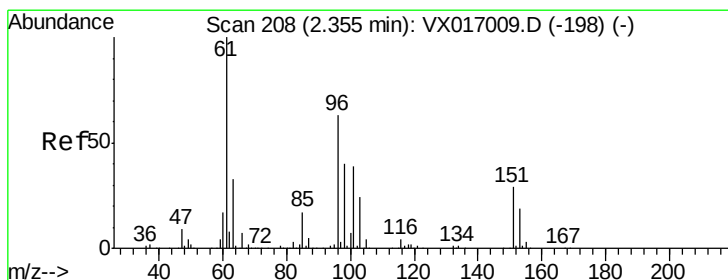
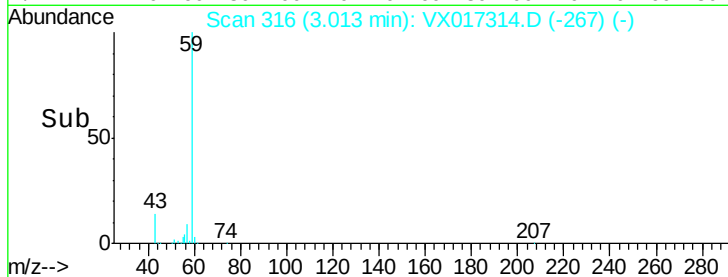
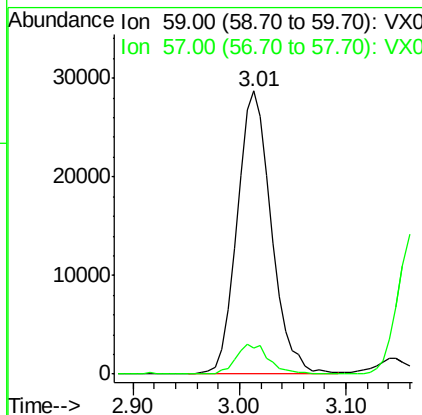
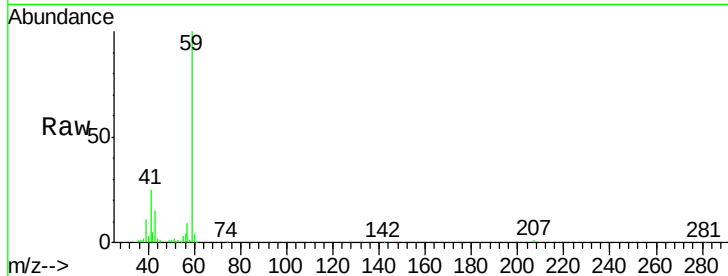
Tert butyl alcohol
 Concen: 94.435 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

Manual Integrations
 APPROVED

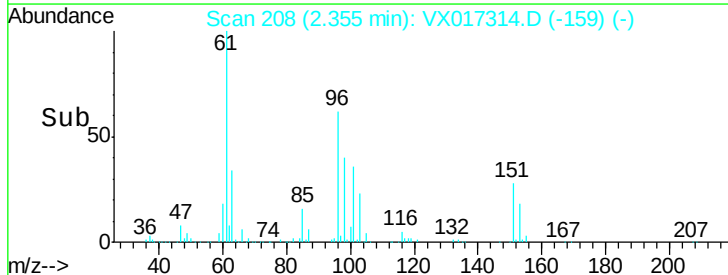
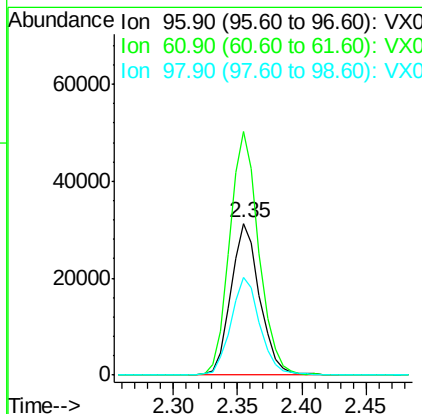
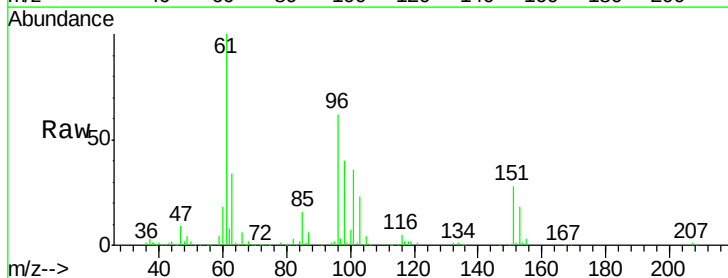
MMDadoda
 7/10/2020 12:37:06 PM

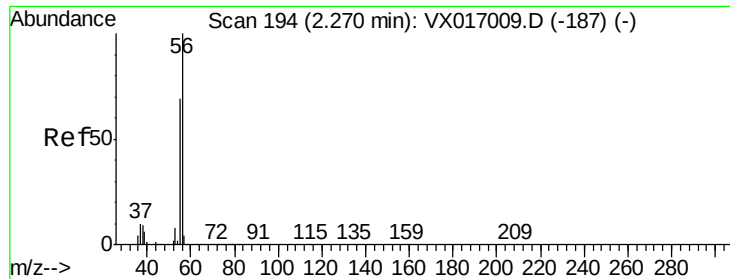


#12

1,1-Dichloroethene
 Concen: 17.036 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	126.3	189.5
98	64.4	51.0	76.6





#13

Acrolein

Concen: 65.138 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 56 Resp: 26713

Ion Ratio Lower Upper

56 100

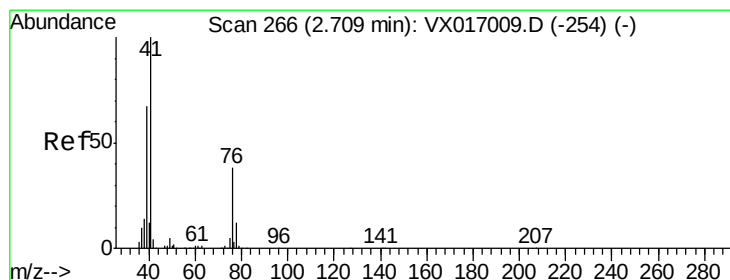
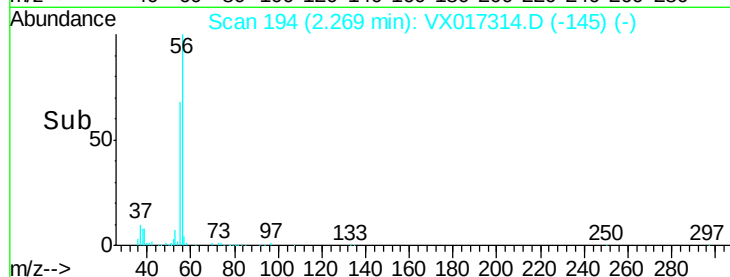
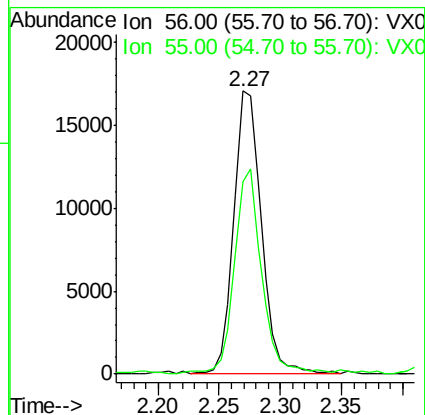
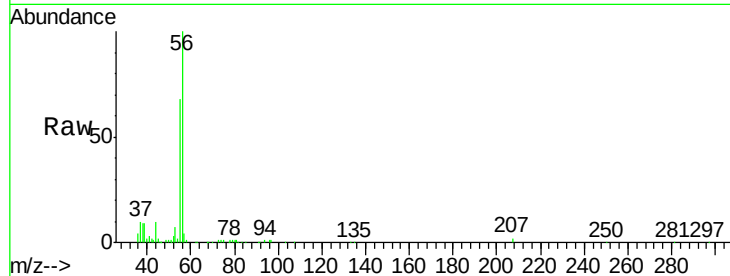
55 69.8 55.7 83.5

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:06 PM



#14

Allyl chloride

Concen: 16.937 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

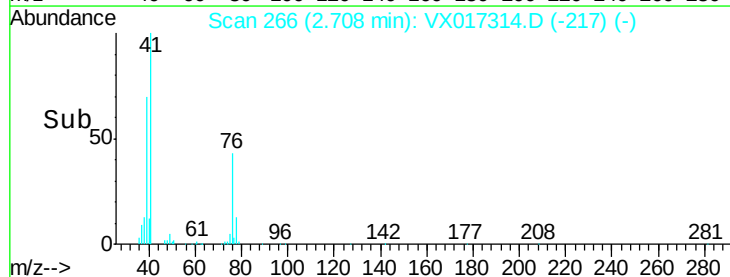
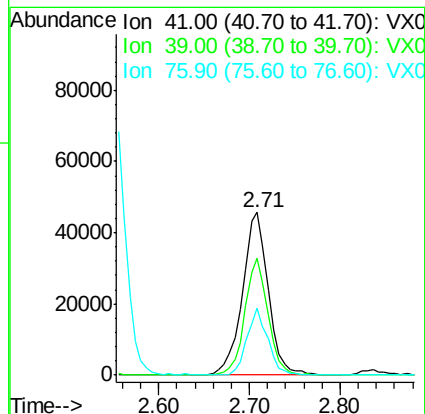
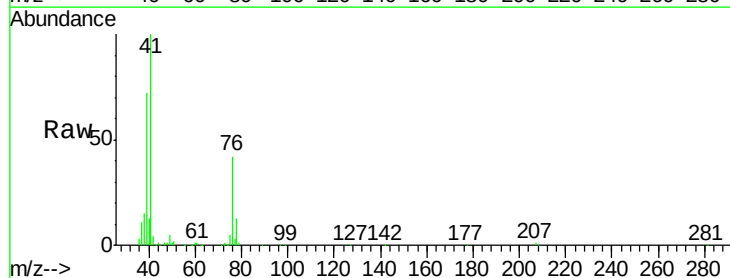
Tgt Ion: 41 Resp: 90336

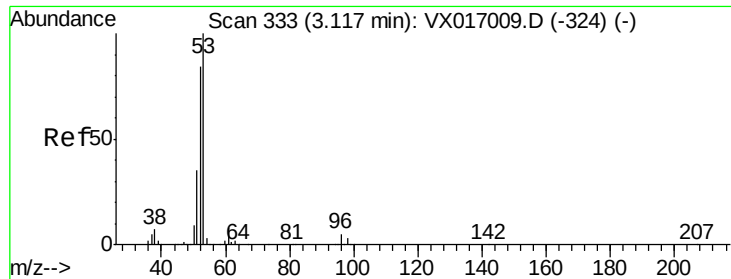
Ion Ratio Lower Upper

41 100

39 63.7 49.4 74.2

76 32.6 26.8 40.2





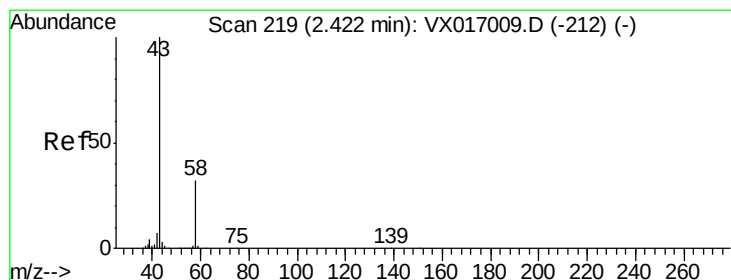
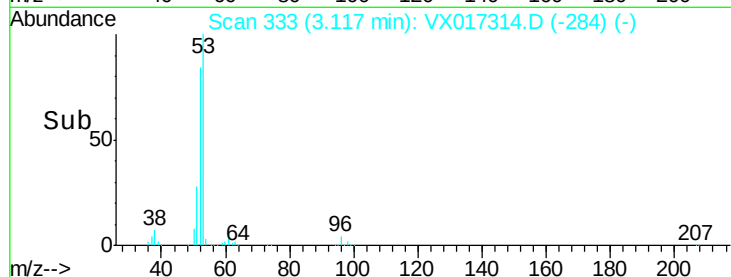
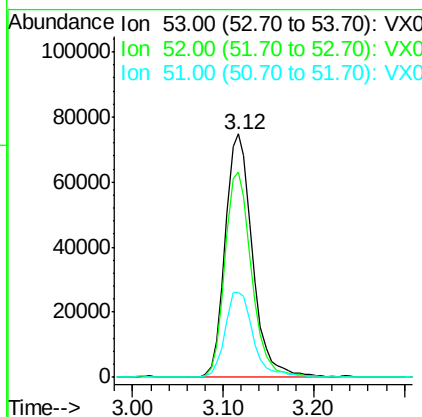
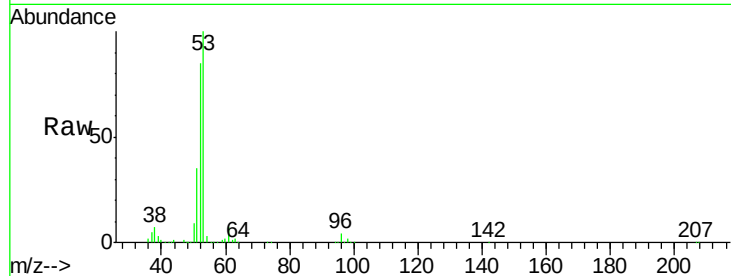
#15
Acrylonitrile
Concen: 94.831 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	53	Resp	156395
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.6	98.4
51	36.1	28.3	42.5

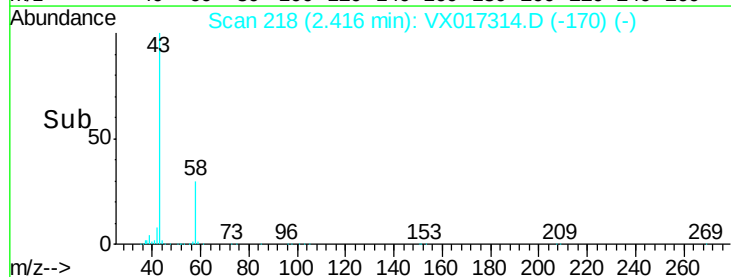
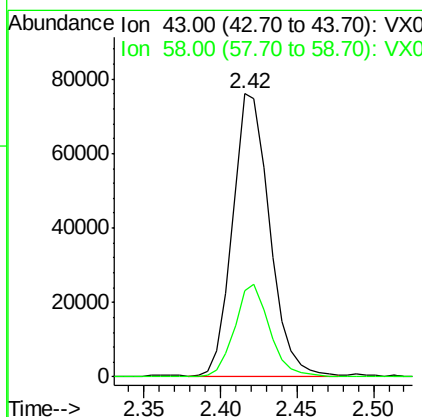
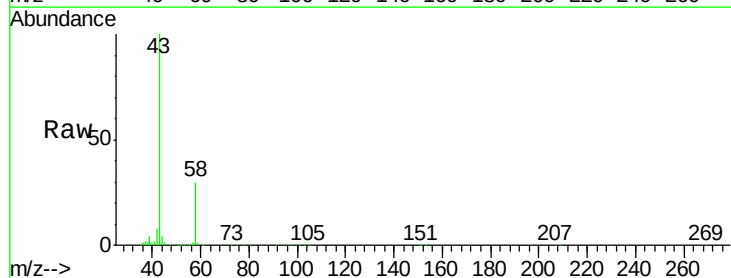
Manual Integrations
APPROVED

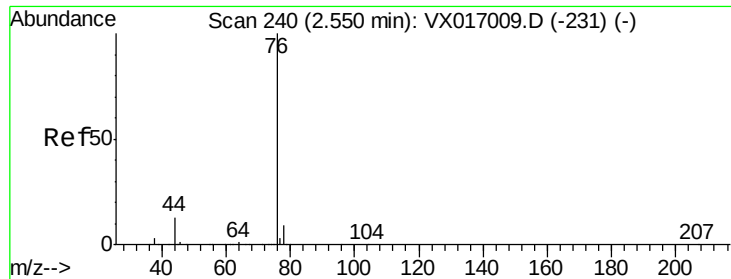
MMDadoda
7/10/2020 12:37:06 PM



#16
Acetone
Concen: 94.574 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	43	Resp	127228
Ion Ratio	Lower	Upper	
43	100		
58	30.2	25.7	38.5





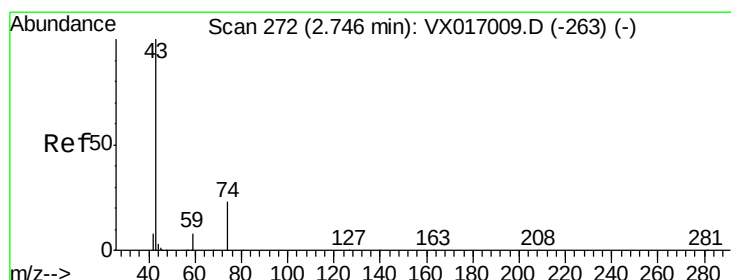
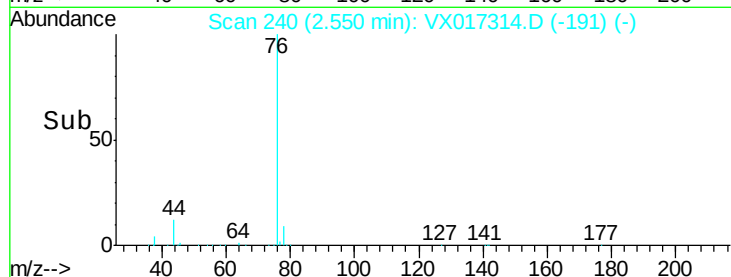
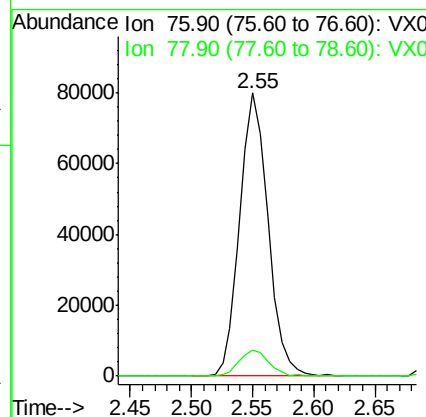
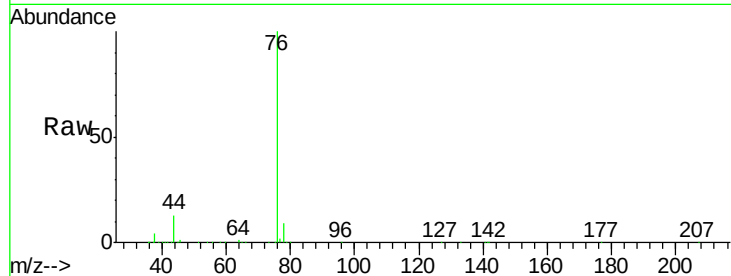
#17
Carbon Disulfide
Concen: 15.972 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

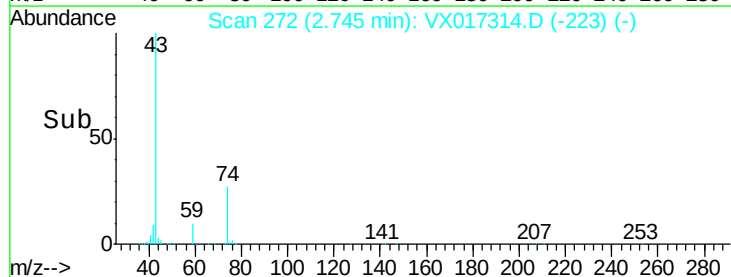
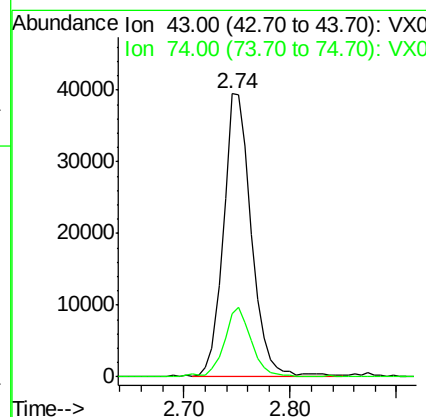
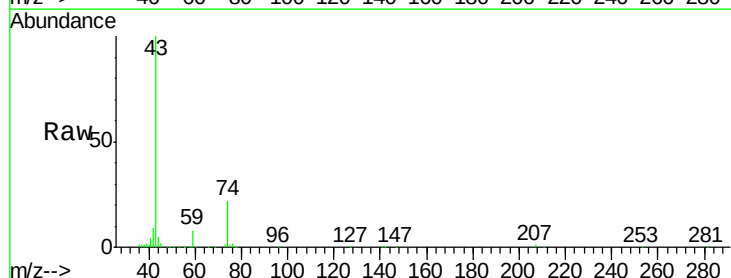
Manual Integrations
APPROVED

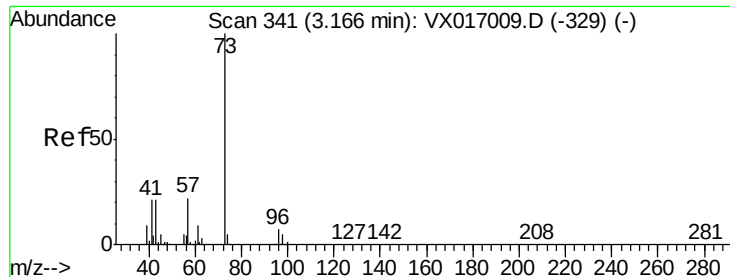
MMDadoda
7/10/2020 12:37:06 PM



#18
Methyl Acetate
Concen: 20.475 ug/l
RT: 2.74 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.3	28.9





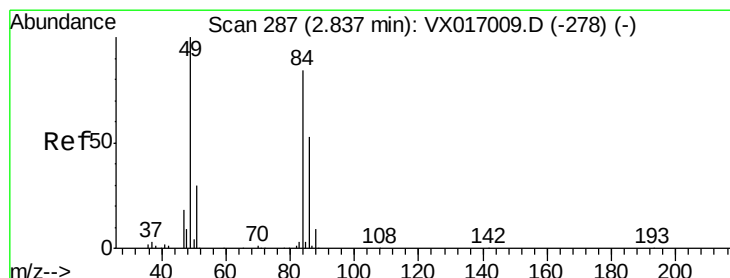
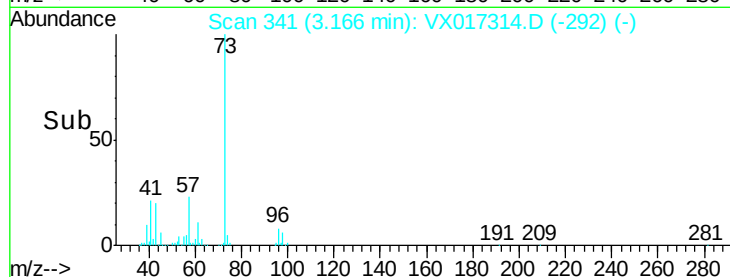
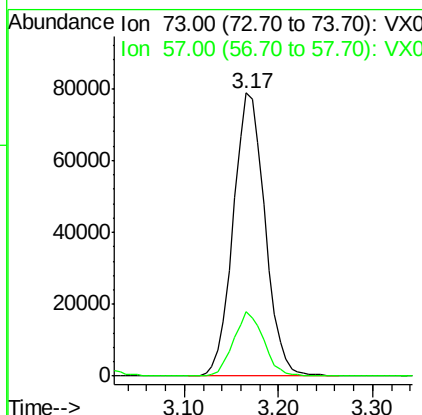
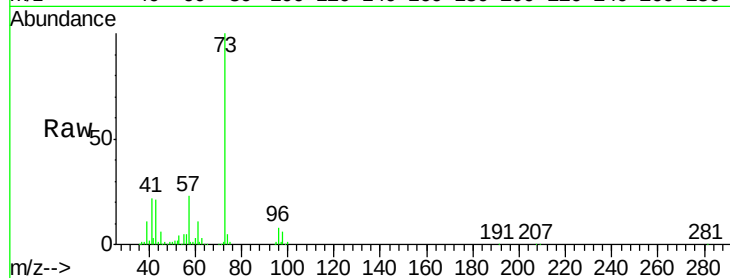
#19
Methyl tert-butyl Ether
Concen: 19.180 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampled :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.6	26.4

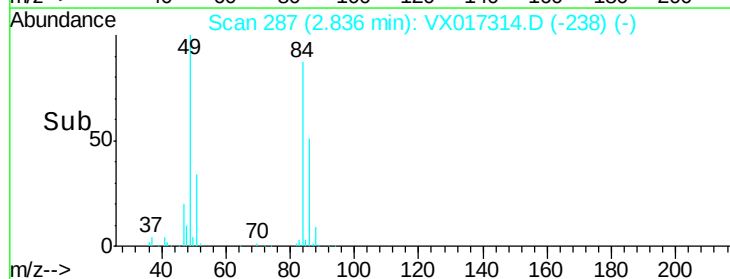
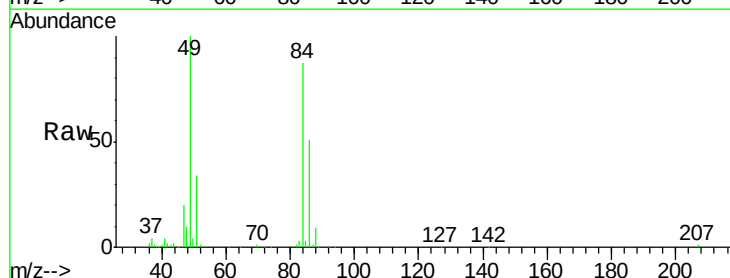
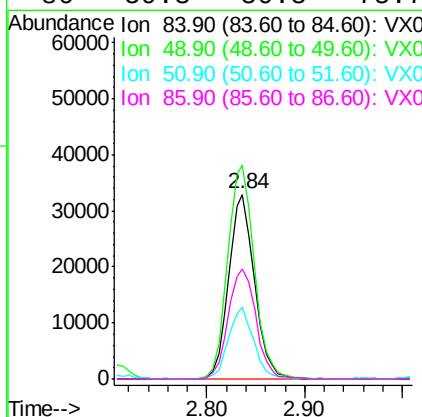
Manual Integrations
APPROVED

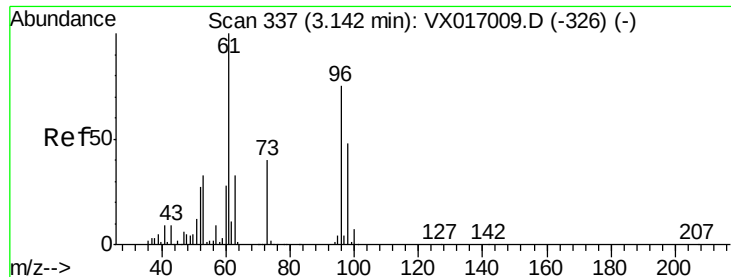
MMDadoda
7/10/2020 12:37:06 PM



#20
Methylene Chloride
Concen: 19.000 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.6	94.7	142.1
51	38.8	28.6	42.8
86	59.3	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 17.402 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

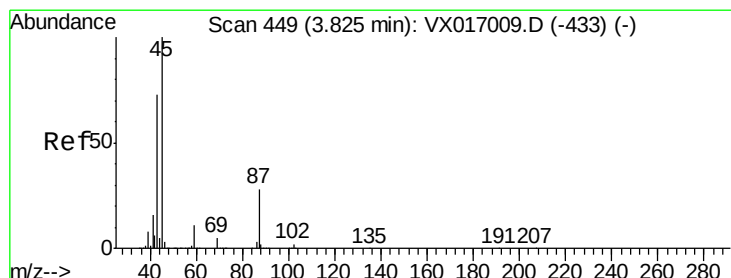
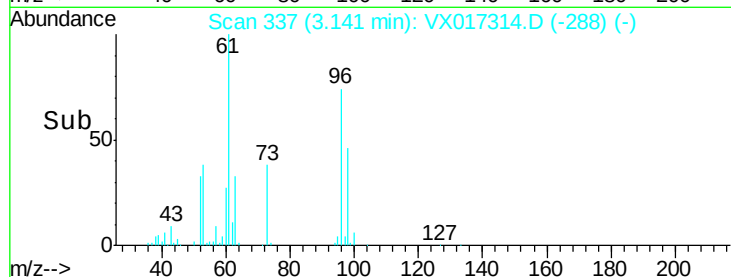
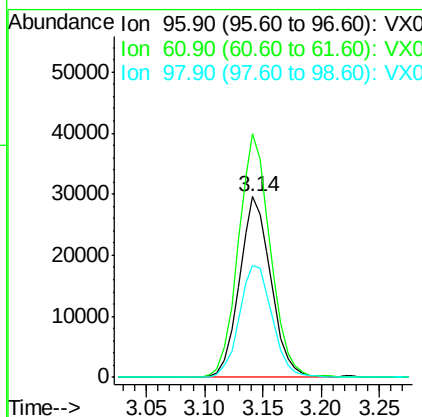
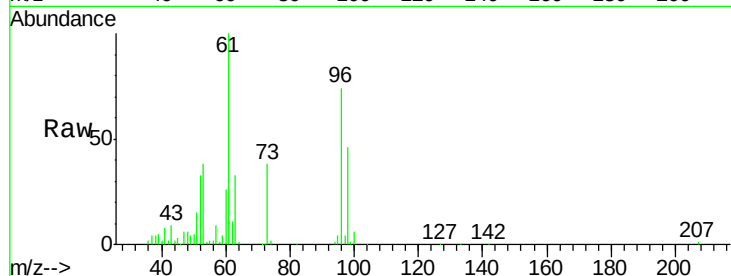
ClientSampleId :

VX0709WBS02

Tot Ion:	96	Resp:	55735
Ion	Ratio	Lower	Upper
96	100		
61	135.0	107.0	160.6
98	61.9	51.6	77.4

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:06 PM



#22

Diisopropyl ether

Concen: 18.688 ug/l

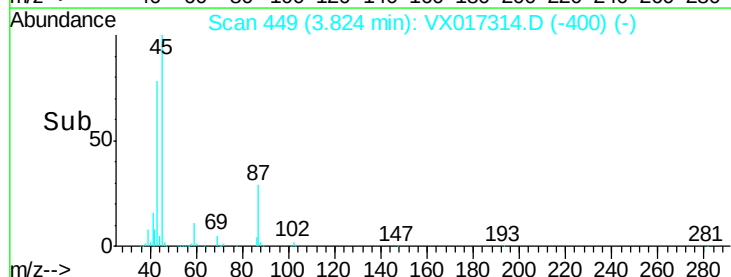
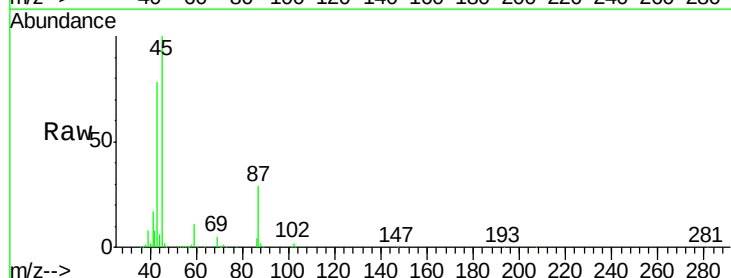
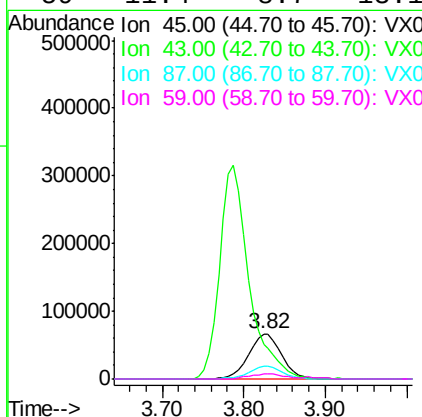
RT: 3.82 min Scan# 449

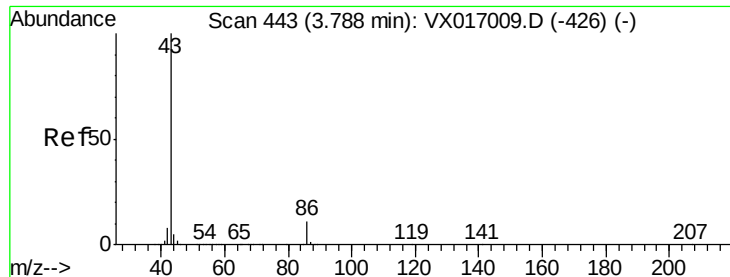
Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Tgt Ion:	45	Resp:	184479
Ion	Ratio	Lower	Upper
45	100		
43	77.8	58.6	88.0
87	29.2	22.6	34.0
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 93.800 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 43 Resp: 795675

Ion Ratio Lower Upper

43 100

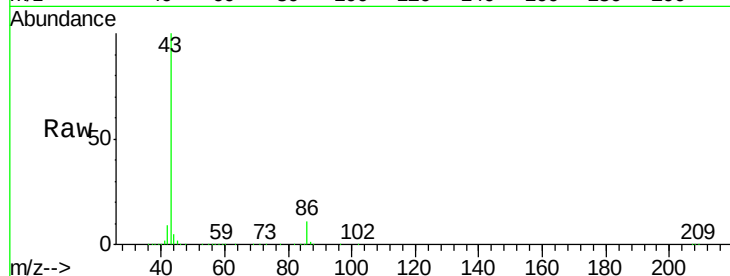
86 11.1 8.6 13.0

Manual Integrations

APPROVED

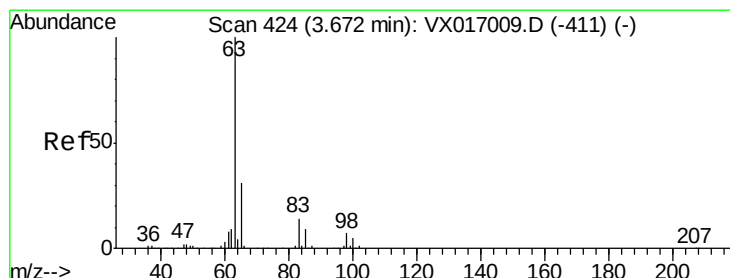
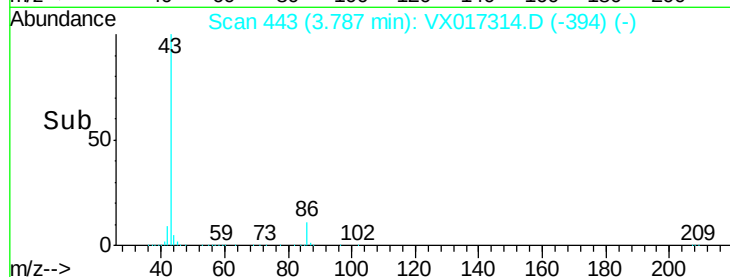
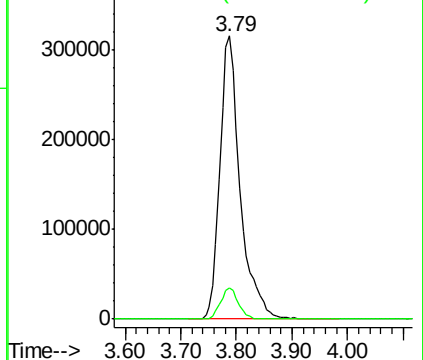
MMDadoda

7/10/2020 12:37:06 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.504 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

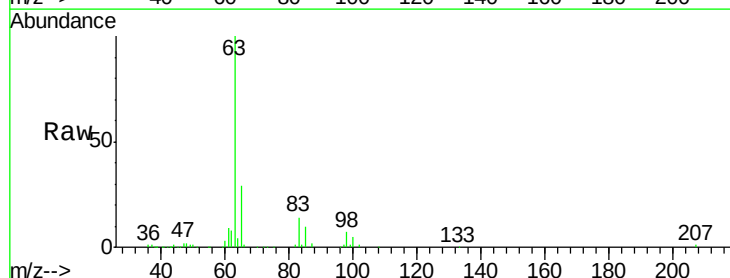
Tgt Ion: 63 Resp: 103935

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

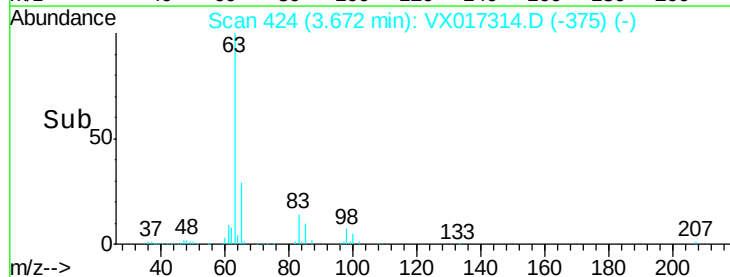
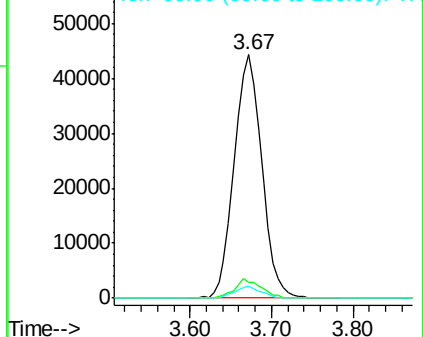
100 5.0 2.4 7.1

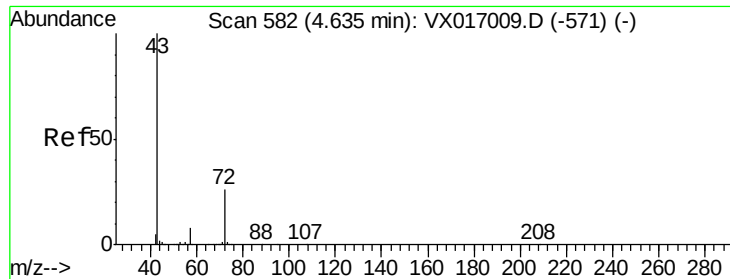


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.467 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 43 Resp: 211755

Ion Ratio Lower Upper

43 100

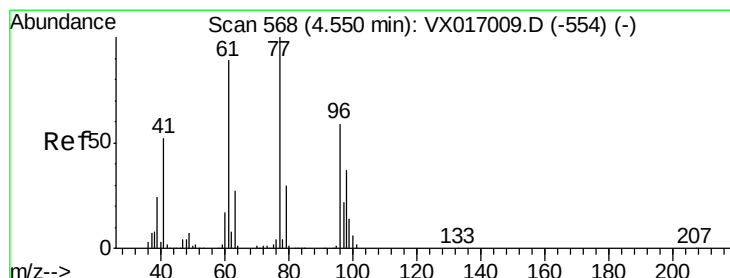
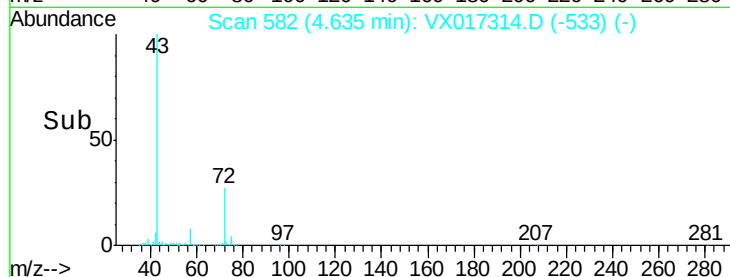
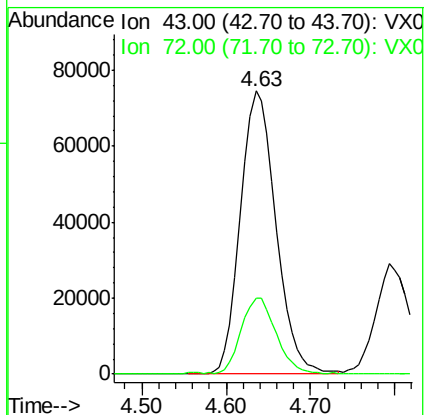
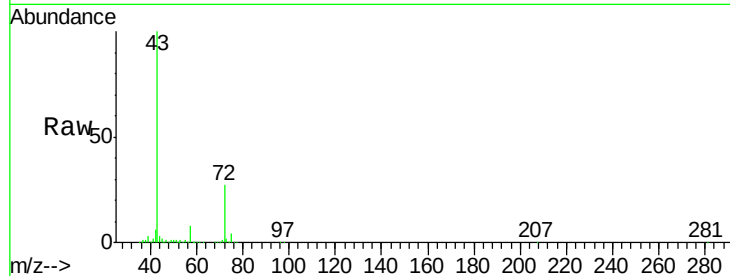
72 26.8 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:06 PM



#26

2,2-Dichloropropane

Concen: 18.806 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017314.D

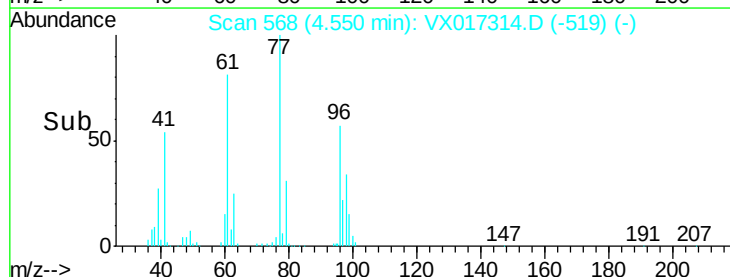
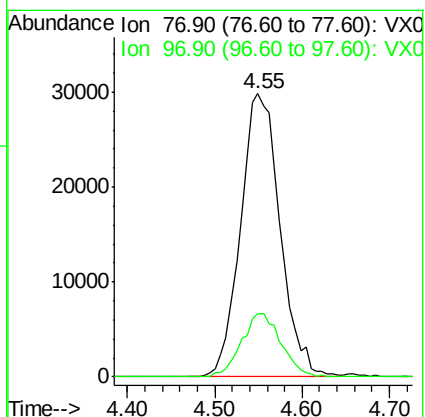
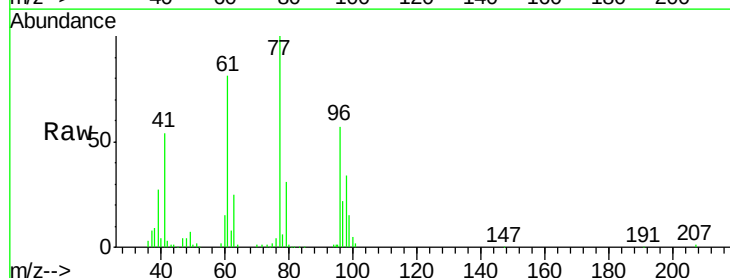
Acq: 09 Jul 2020 17:42

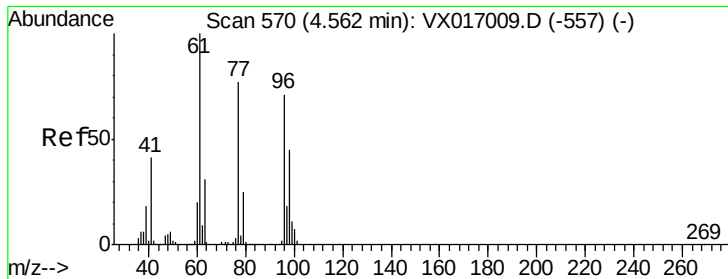
Tgt Ion: 77 Resp: 93788

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2





#27

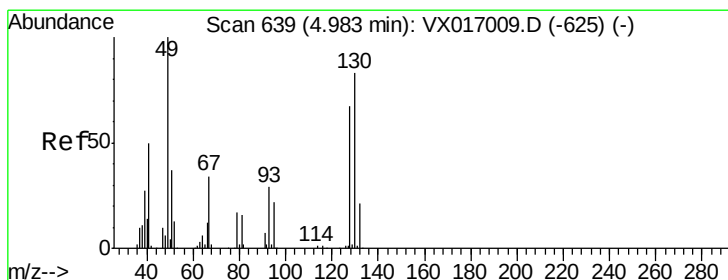
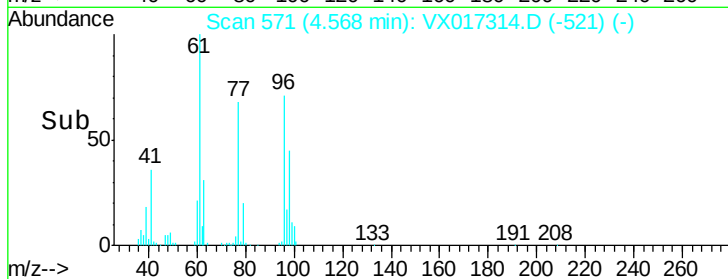
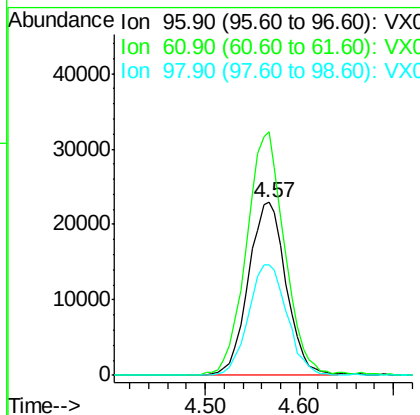
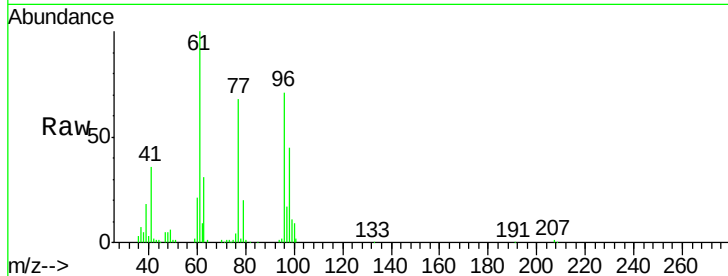
cis-1,2-Dichloroethene
Concen: 17.760 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	282.8
98	65.6	0.0	127.6

Manual Integrations
APPROVED

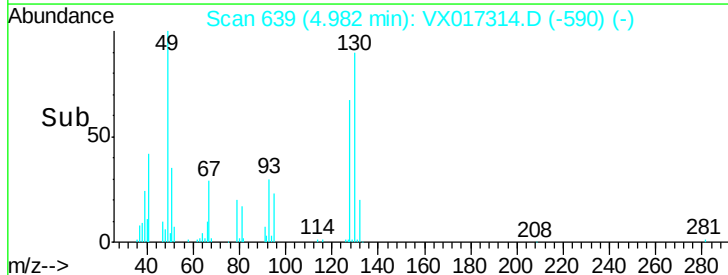
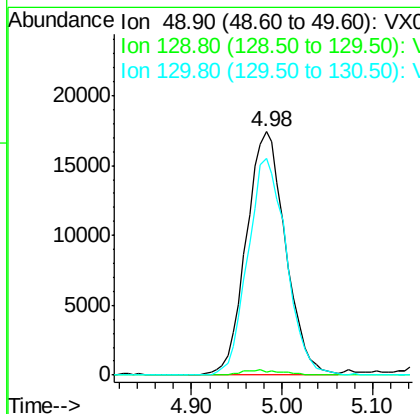
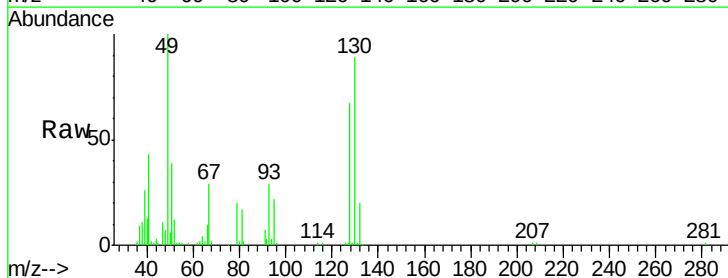
MMDadoda
7/10/2020 12:37:06 PM

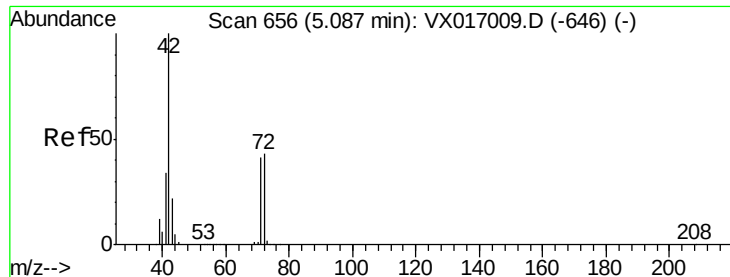


#28

Bromochloromethane
Concen: 19.117 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	87.4	66.6	100.0





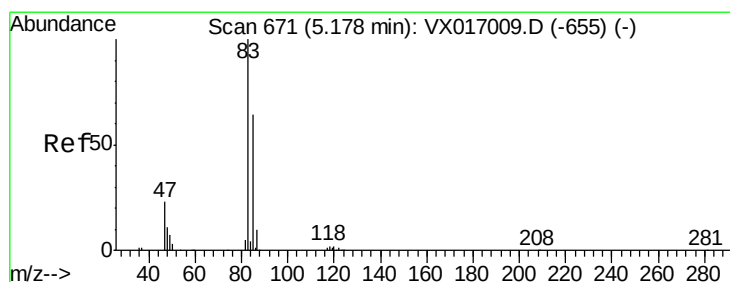
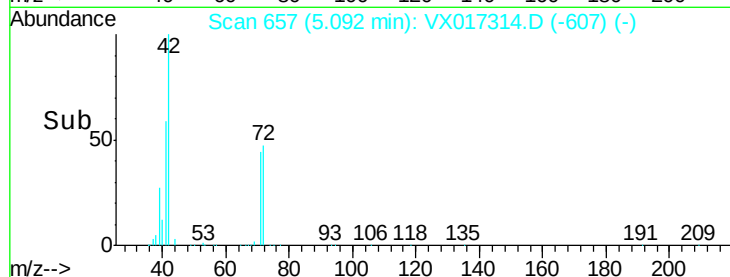
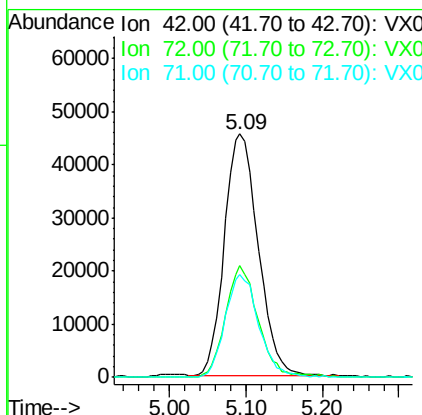
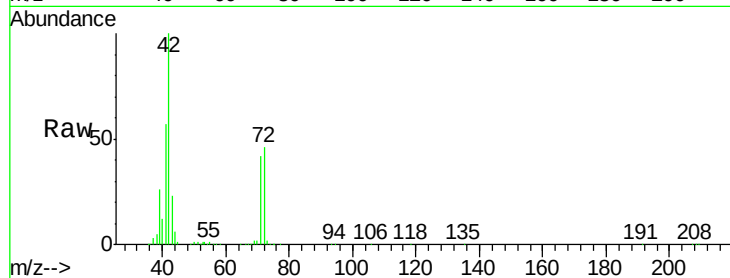
#29
Tetrahydrofuran
Concen: 94.751 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.3	52.9
71	42.0	33.1	49.7

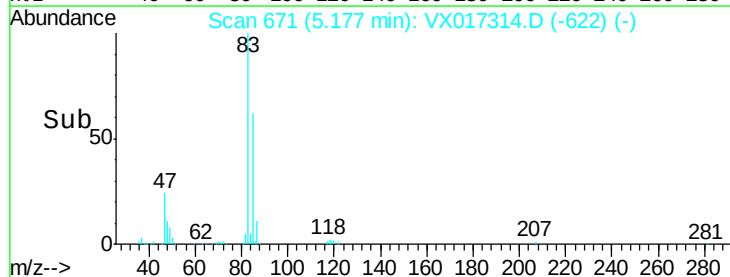
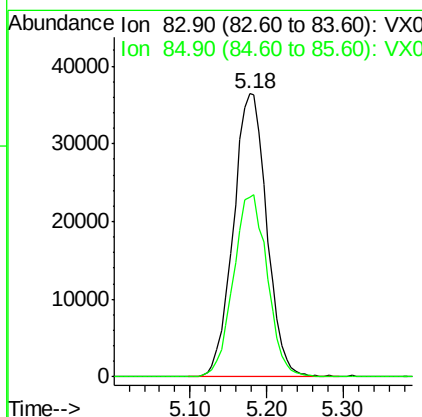
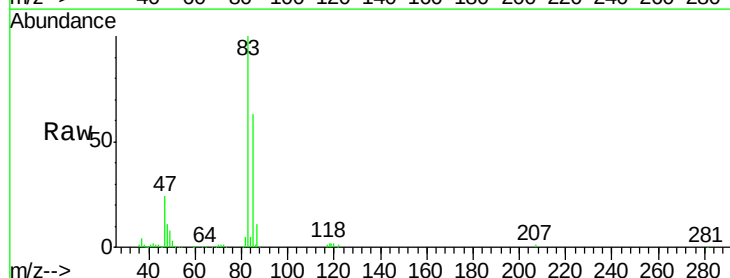
Manual Integrations
APPROVED

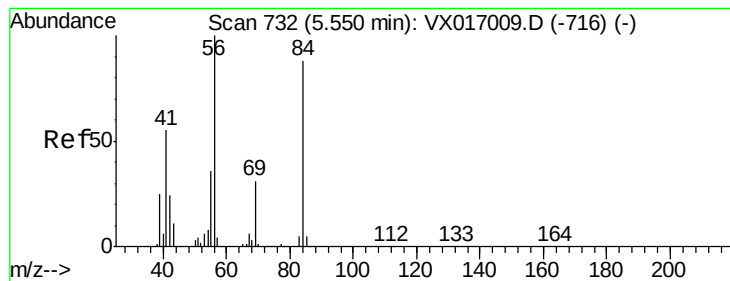
MMDadoda
7/10/2020 12:37:06 PM



#30
Chloroform
Concen: 19.123 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.2





#31

Cyclohexane

Concen: 16.690 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

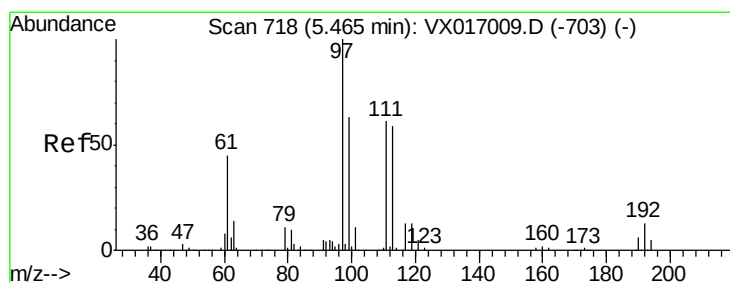
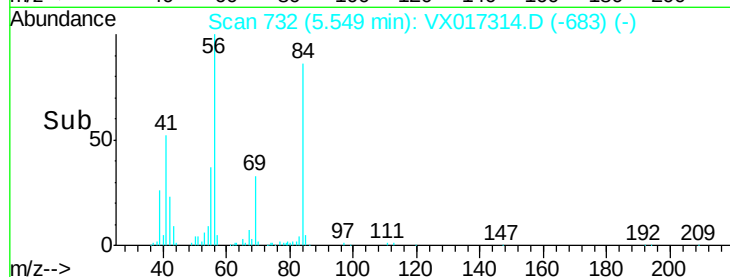
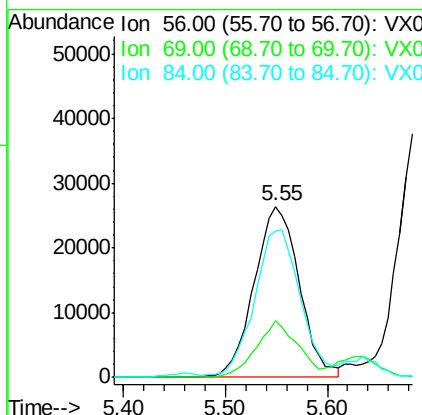
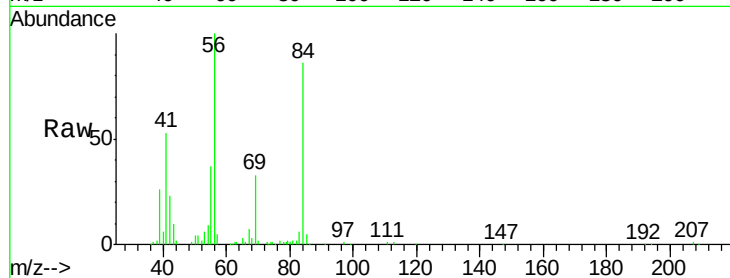
ClientSampleId :

VX0709WBS02

Tot Ion:	56	Resp:	81029
Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.0	37.4
84	83.7	69.1	103.7

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:06 PM



#32

1,1,1-Trichloroethane

Concen: 18.519 ug/l

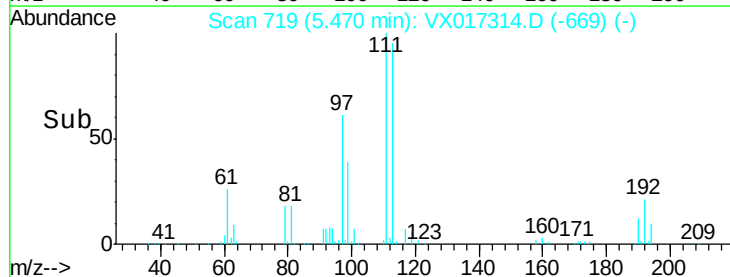
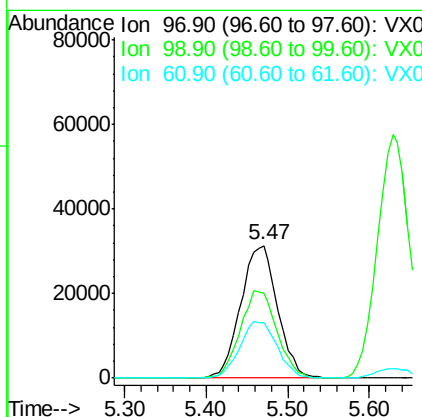
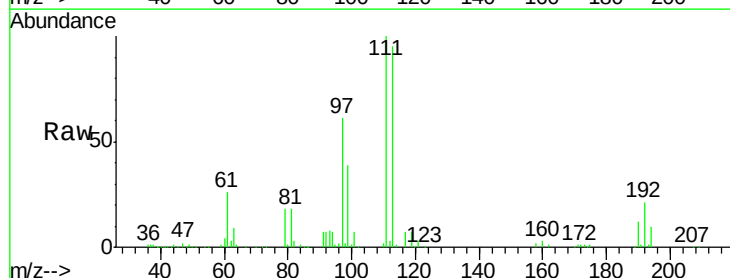
RT: 5.47 min Scan# 719

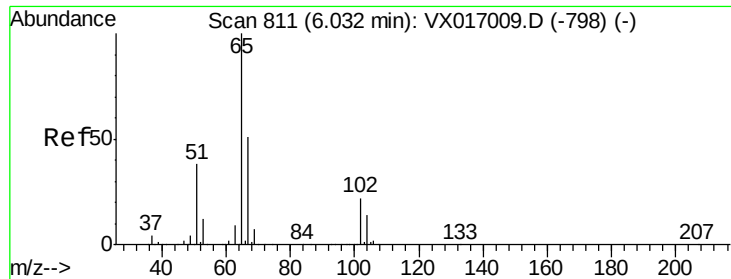
Delta R.T. 0.01 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Tgt Ion:	97	Resp:	98202
Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.8	76.2
61	43.6	33.7	50.5





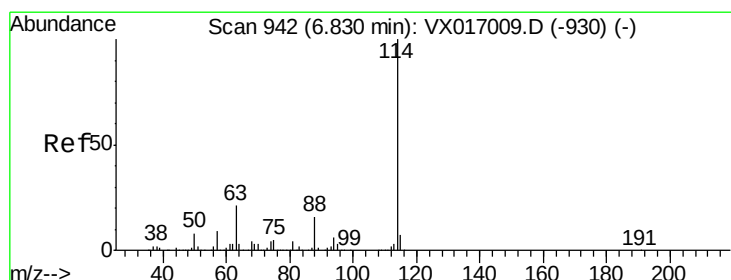
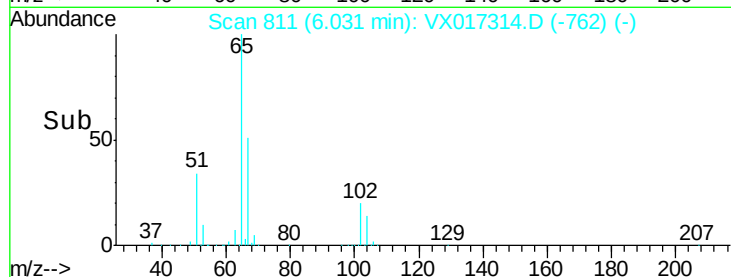
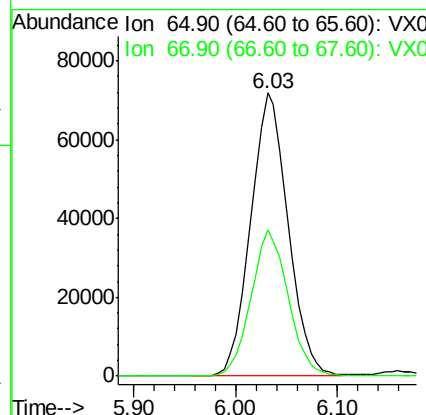
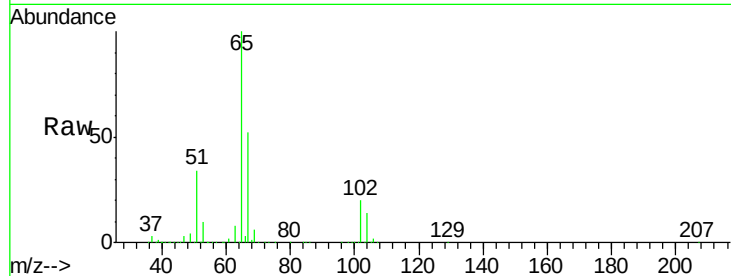
#33
 1,2-Dichloroethane-d4
 Concen: 51.054 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183596		
67	51.4	0.0	103.8	

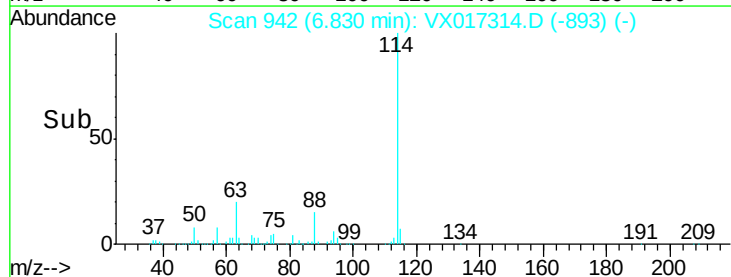
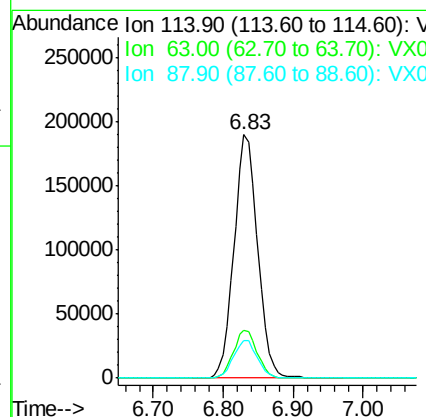
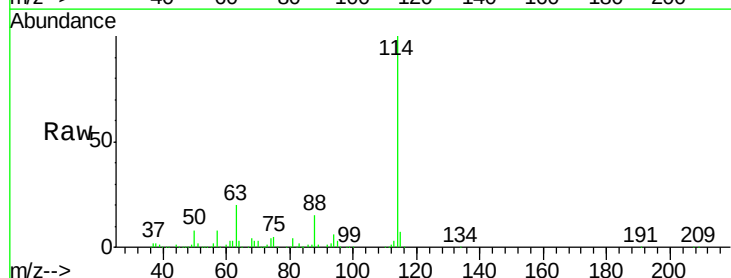
Manual Integrations
 APPROVED

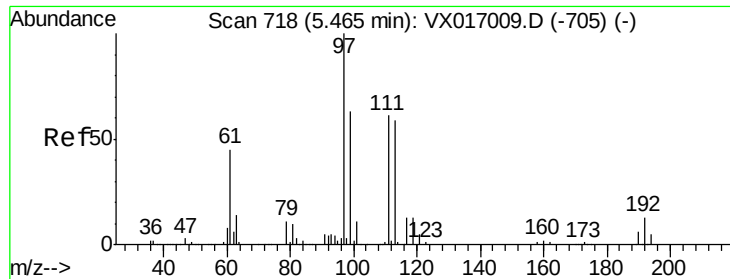
MMDadoda
 7/10/2020 12:37:06 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	444276		
63	19.8	0.0	41.4	
88	15.3	0.0	32.4	





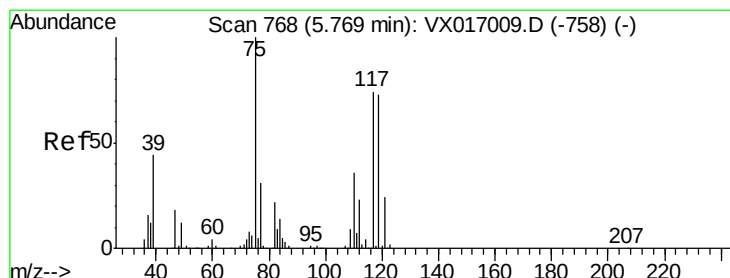
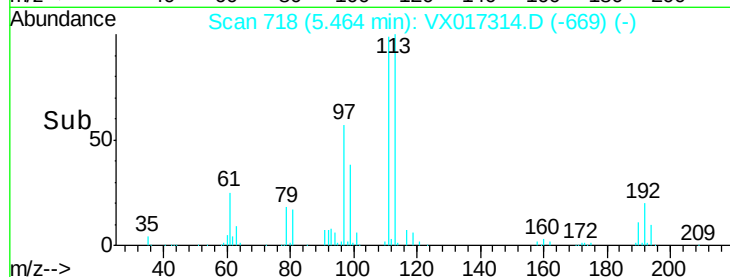
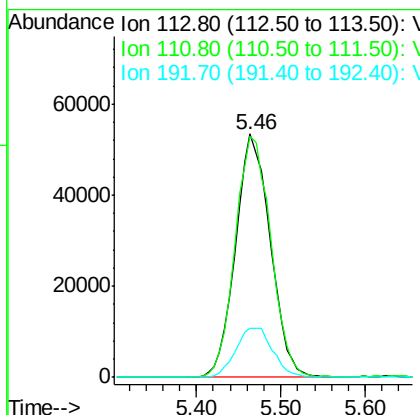
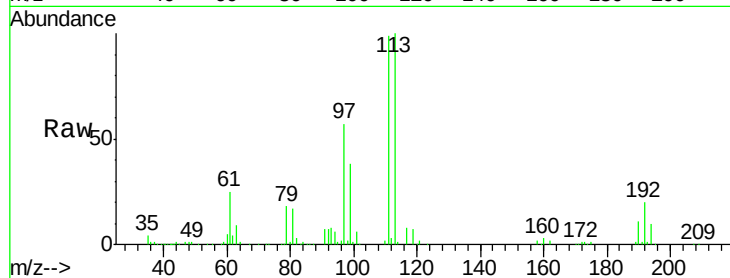
#35
 Dibromofluoromethane
 Concen: 53.123 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149295		
111	101.3	81.9	122.9	
192	21.5	16.7	25.1	

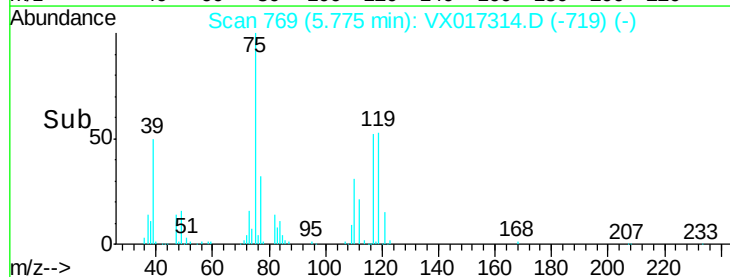
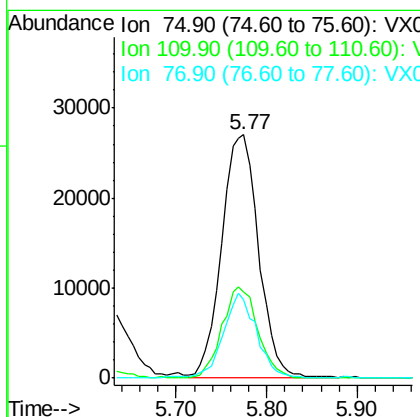
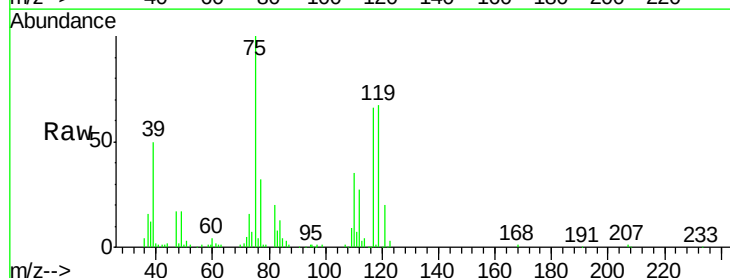
Manual Integrations
 APPROVED

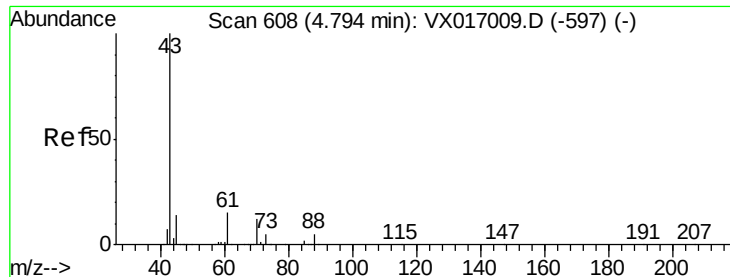
MMDadoda
 7/10/2020 12:37:06 PM



#36
 1,1-Dichloropropene
 Concen: 18.059 ug/l
 RT: 5.77 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75829		
110	36.7	18.1	54.1	
77	31.5	24.6	37.0	





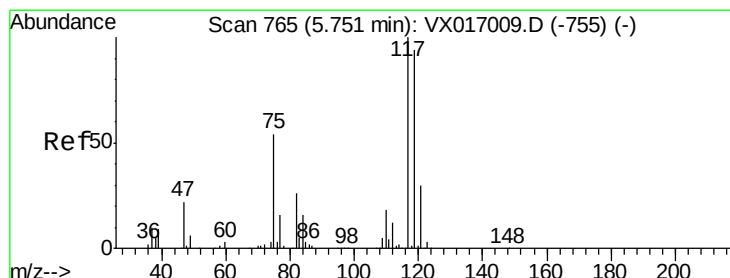
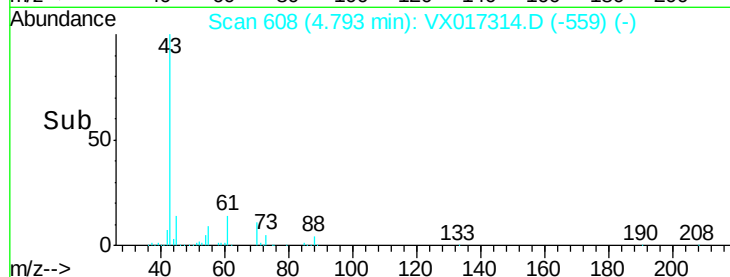
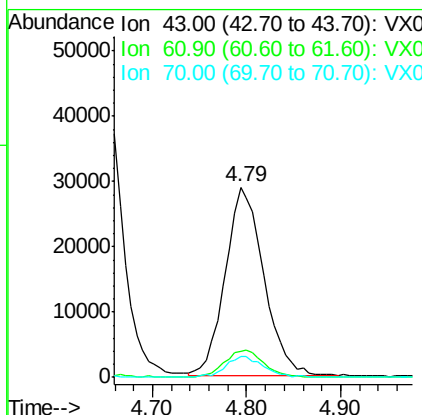
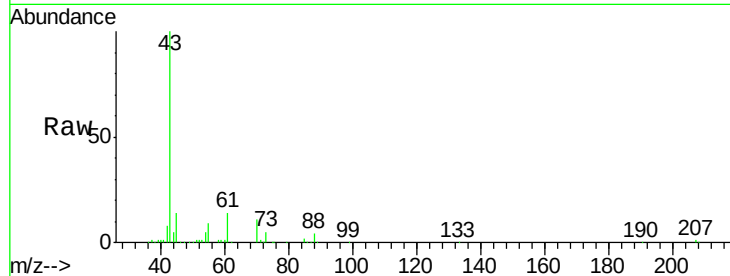
#37
Ethyl Acetate
Concen: 19.454 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.4
70	10.8	8.9	13.3

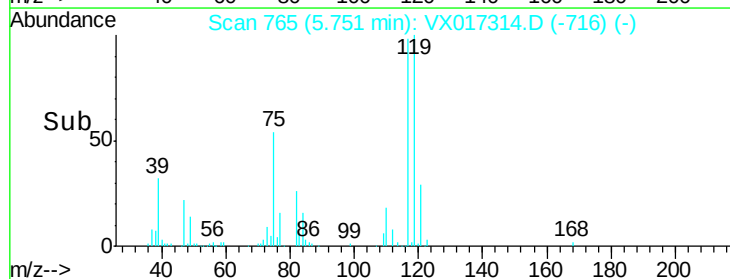
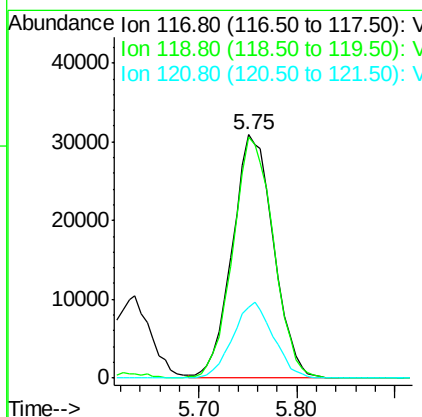
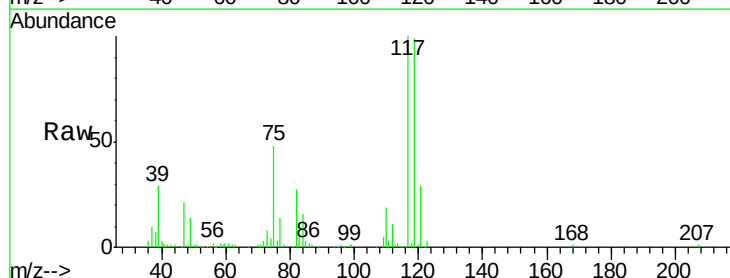
Manual Integrations
APPROVED

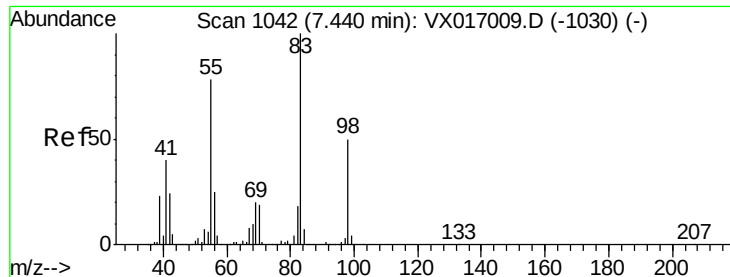
MMDadoda
7/10/2020 12:37:06 PM



#38
Carbon Tetrachloride
Concen: 19.554 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.4	113.0
121	29.1	23.8	35.6





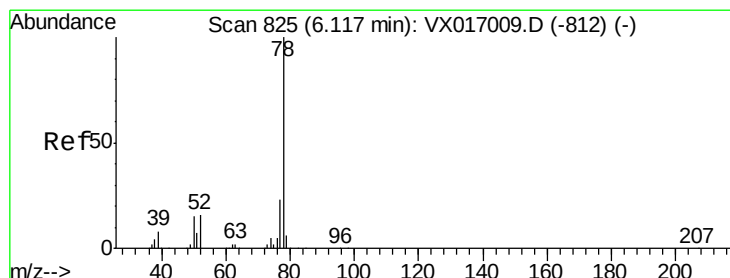
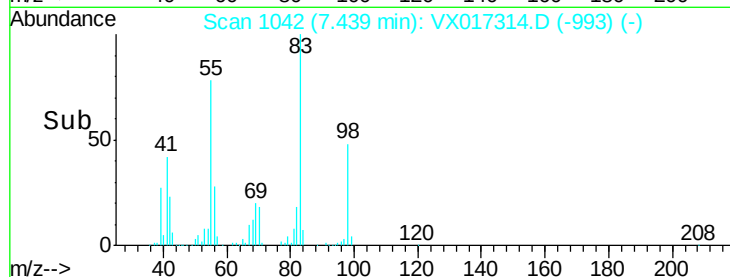
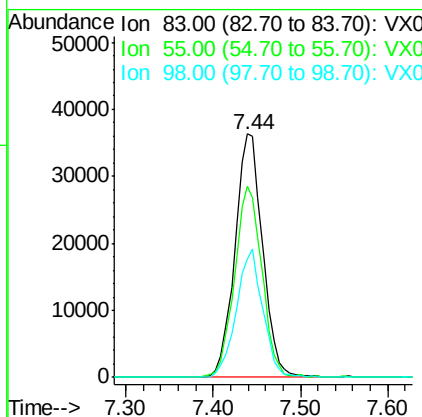
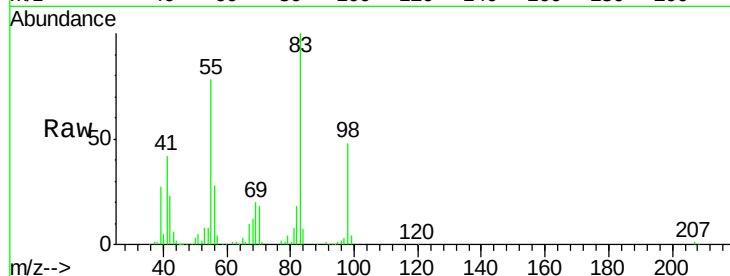
#39
Methylvlcyclohexane
Concen: 17.164 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.5	93.7
98	48.3	40.1	60.1

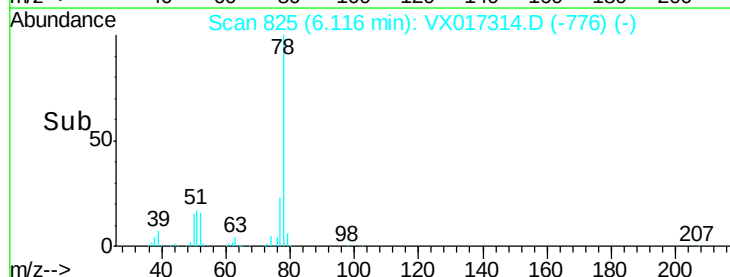
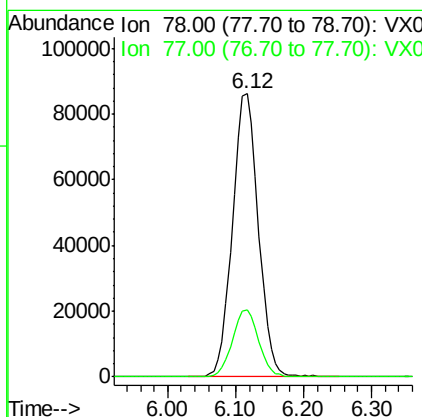
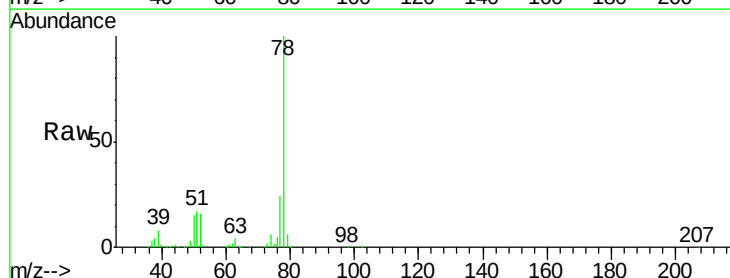
Manual Integrations
APPROVED

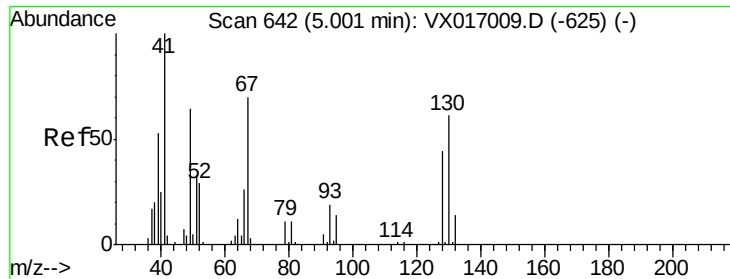
MMDadoda
7/10/2020 12:37:06 PM



#40
Benzene
Concen: 18.456 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





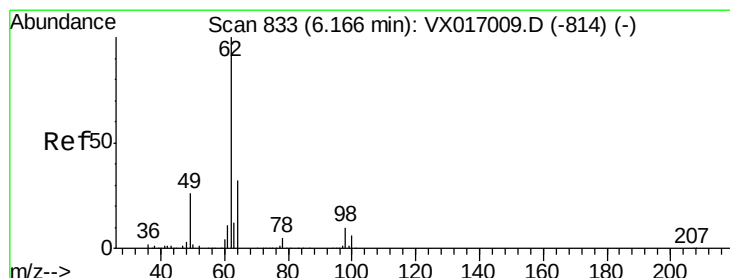
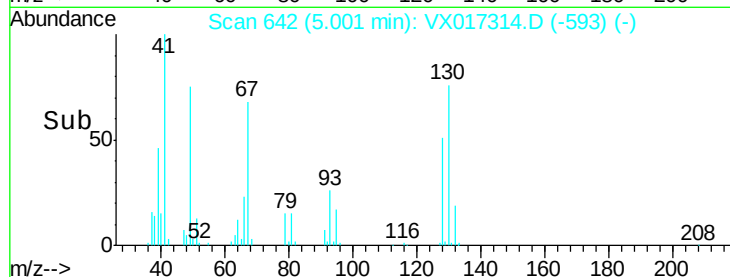
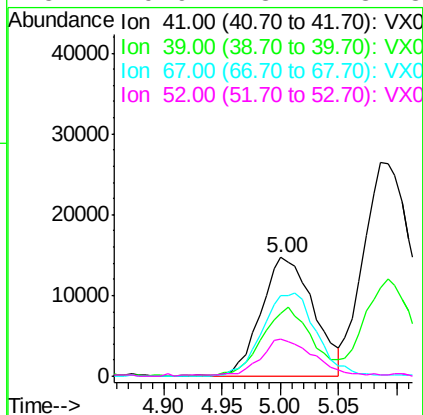
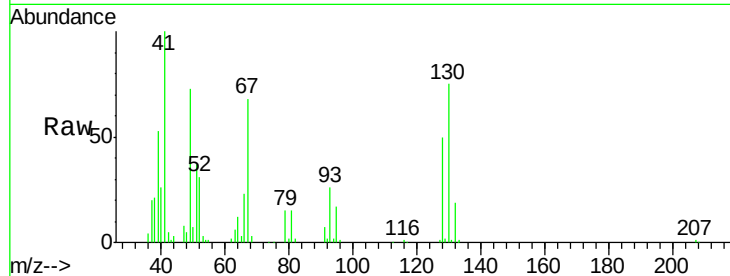
#41
Methacrylonitrile
Concen: 19.332 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	44.4	66.6	
67	71.7	57.1	85.7	
52	29.9	23.2	34.8	

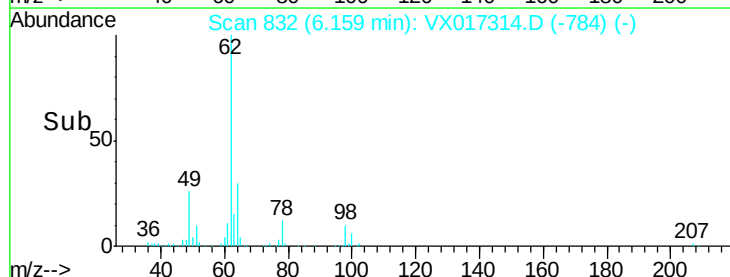
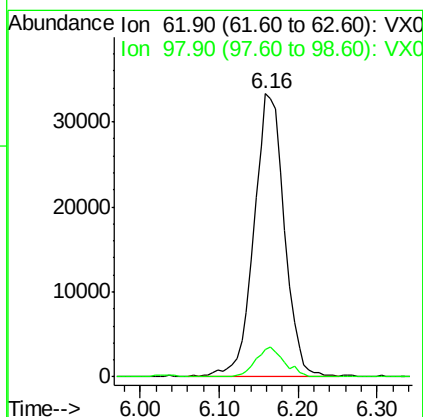
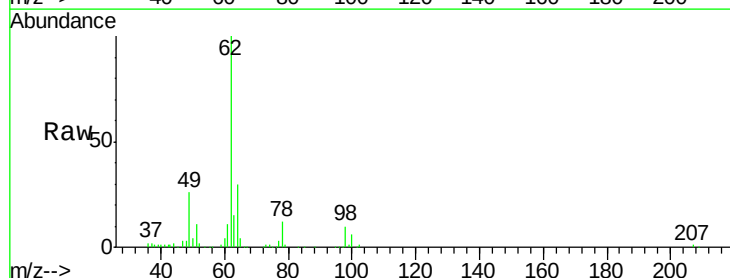
Manual Integrations
APPROVED

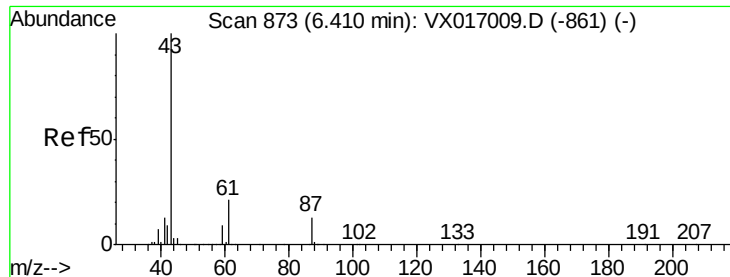
MMDadoda
7/10/2020 12:37:06 PM



#42
1,2-Dichloroethane
Concen: 20.033 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.2	





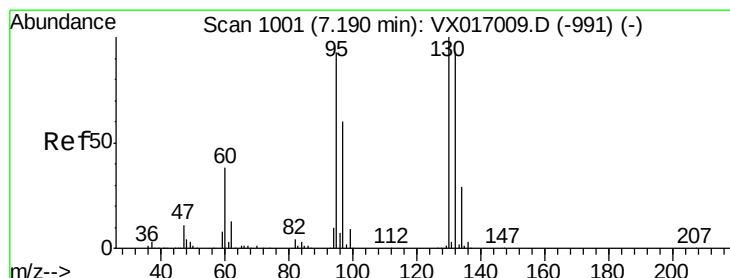
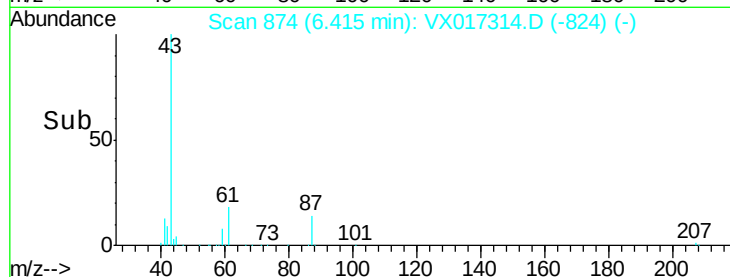
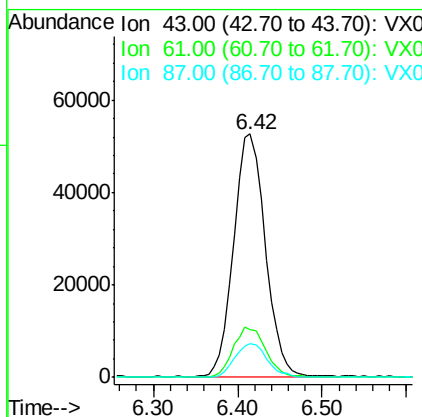
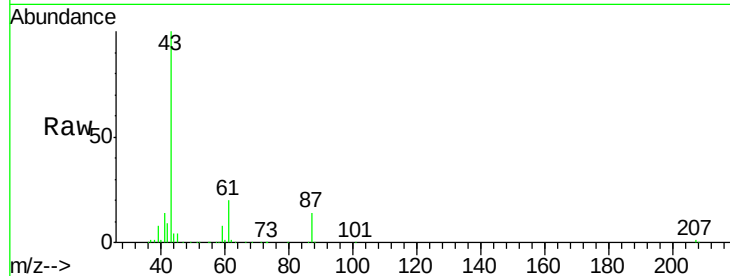
#43
Isopropyl Acetate
Concen: 18.878 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.2	24.2
87	14.3	10.7	16.1

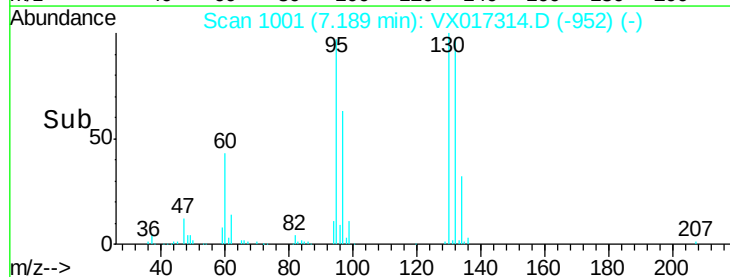
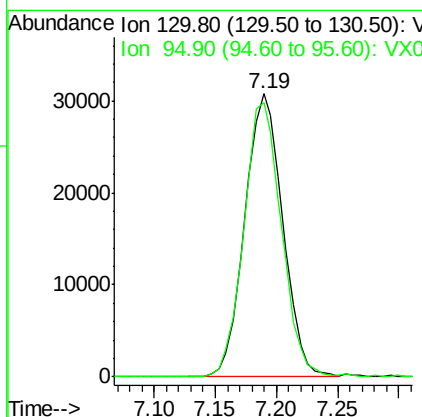
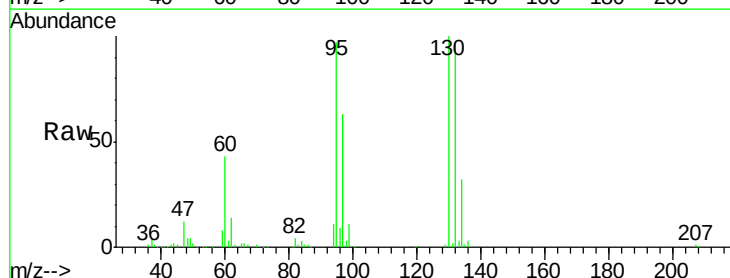
Manual Integrations
APPROVED

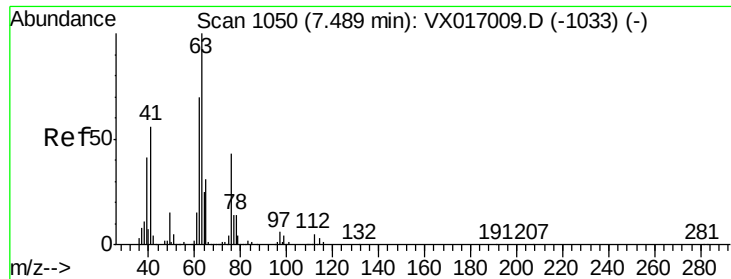
MMDadoda
7/10/2020 12:37:06 PM



#44
Trichloroethene
Concen: 19.294 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	185.0





#45

1,2-Dichloropropane

Concen: 18.896 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 63 Resp: 59877

Ion Ratio Lower Upper

63 100

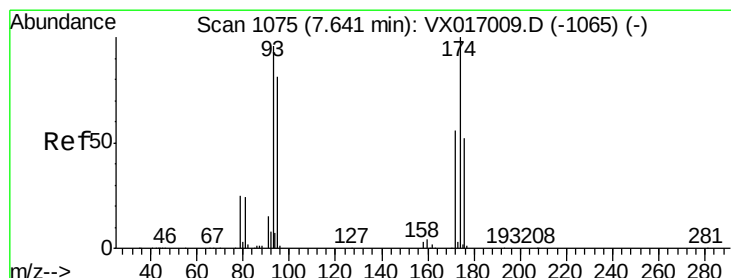
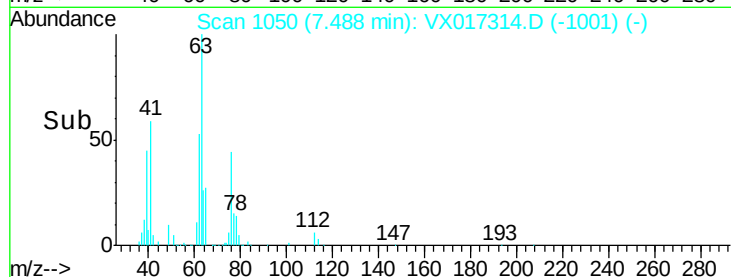
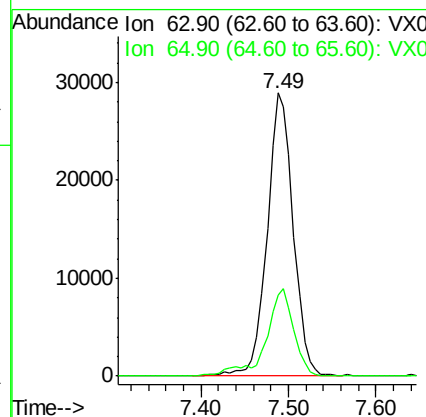
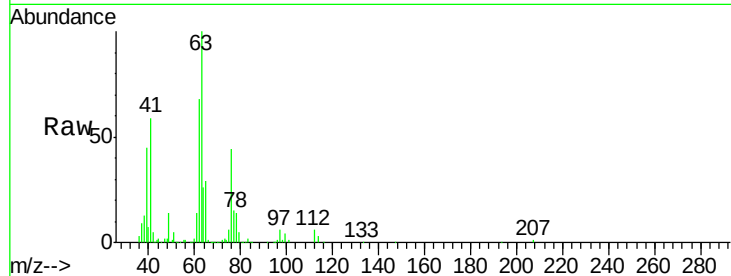
65 28.7 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:06 PM



#46

Dibromomethane

Concen: 19.799 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

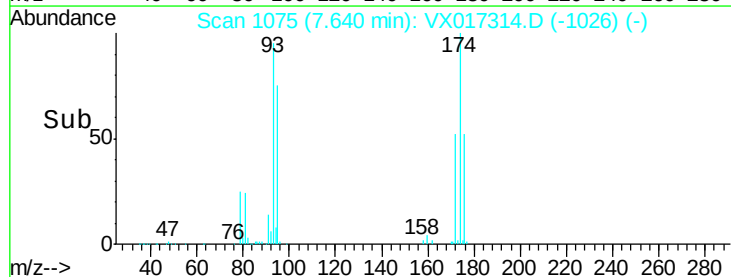
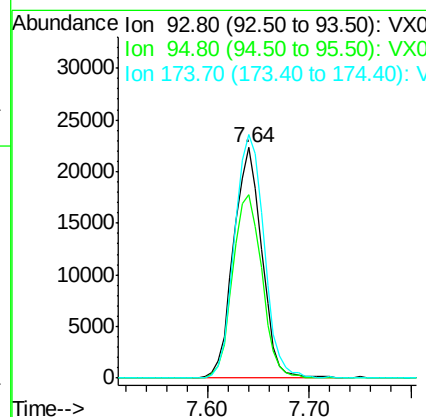
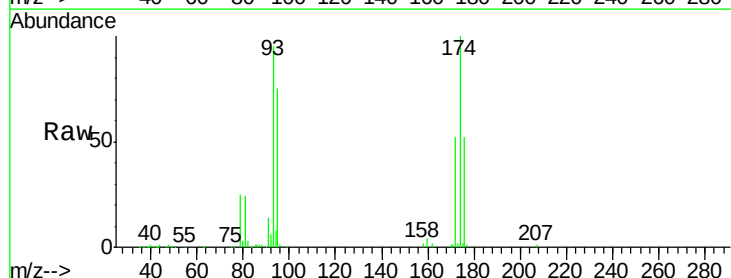
Tgt Ion: 93 Resp: 42832

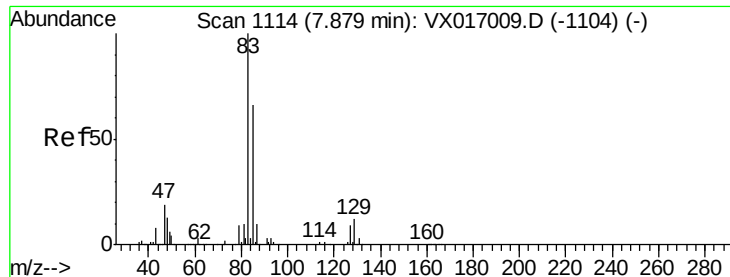
Ion Ratio Lower Upper

93 100

95 82.1 67.4 101.0

174 110.3 84.3 126.5





#47

Bromodichloromethane

Concen: 20.154 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

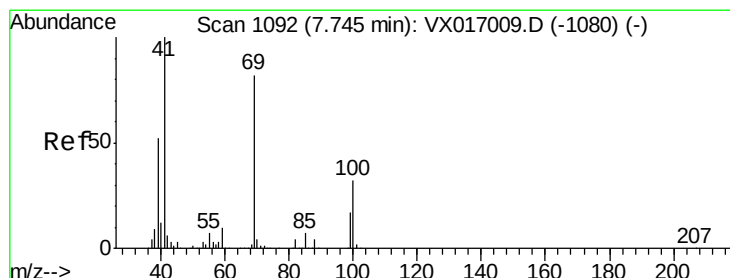
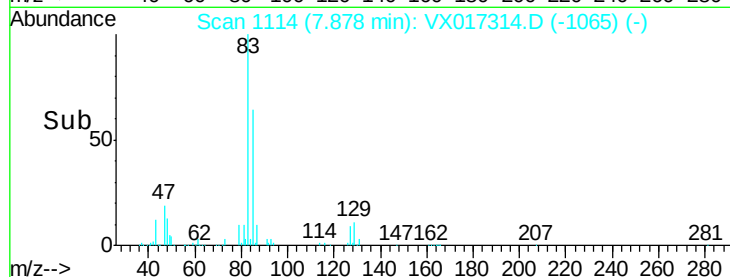
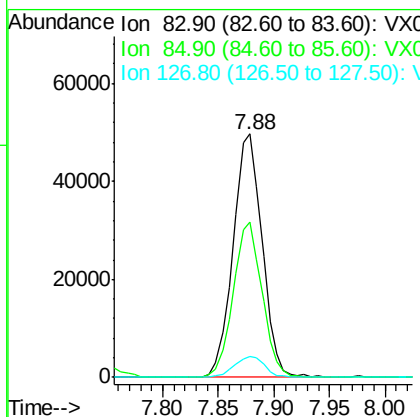
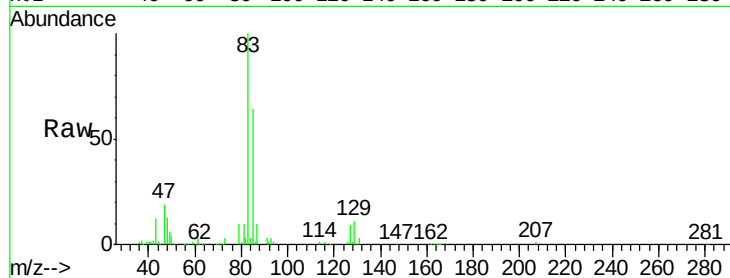
ClientSampleId :

VX0709WBS02

Tot Ion:	83	Resp:	89854
Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.0	79.4
127	8.7	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:06 PM



#48

Methyl methacrylate

Concen: 19.067 ug/l

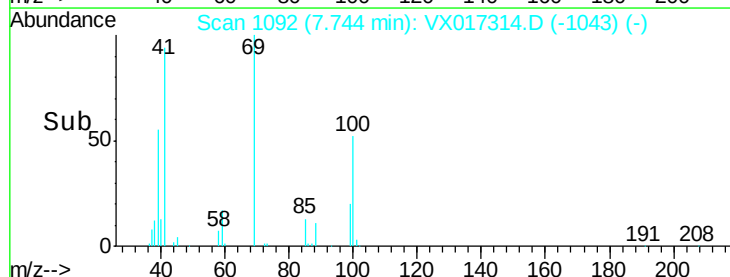
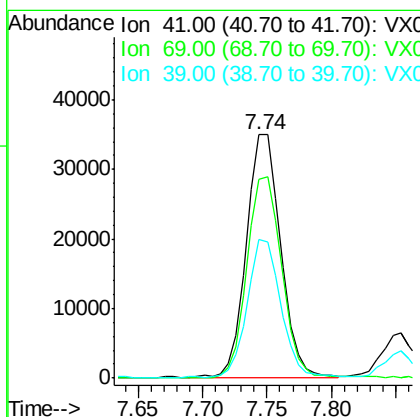
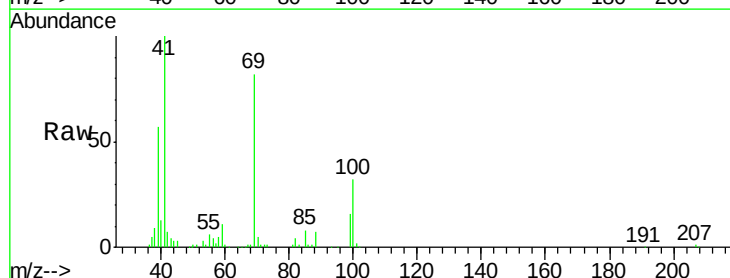
RT: 7.74 min Scan# 1092

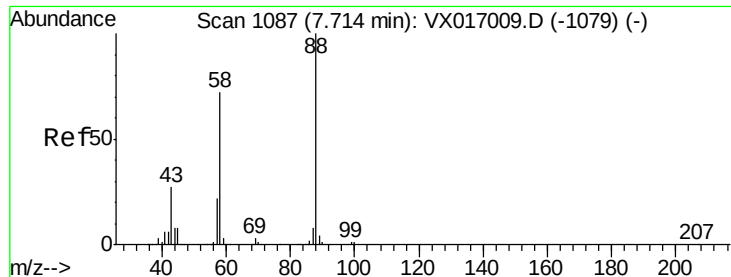
Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Tgt Ion:	41	Resp:	64129
Ion	Ratio	Lower	Upper
41	100		
69	85.0	65.8	98.8
39	56.7	42.5	63.7





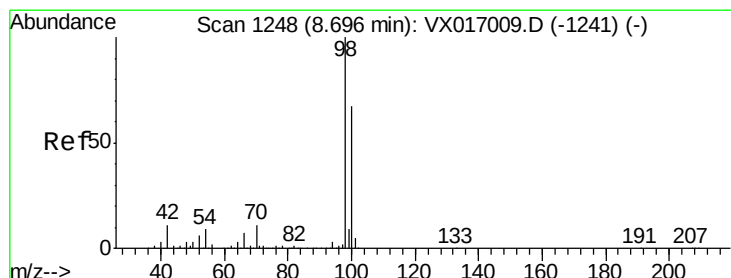
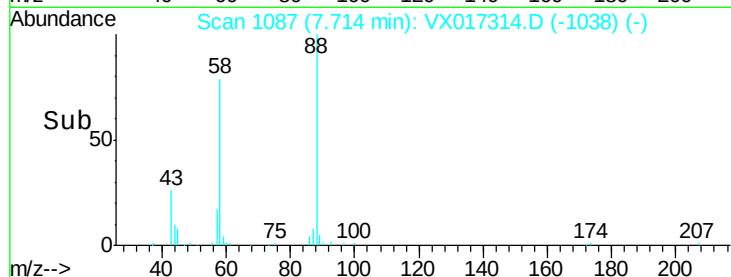
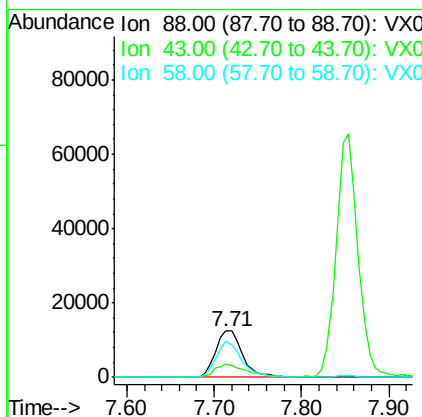
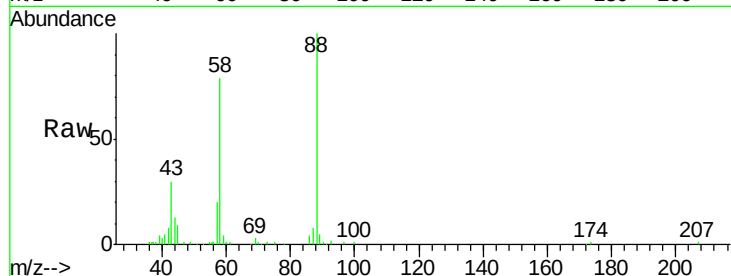
#49
1,4-Dioxane
Concen: 352.353 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.8	38.8
58	73.3	54.8	82.2

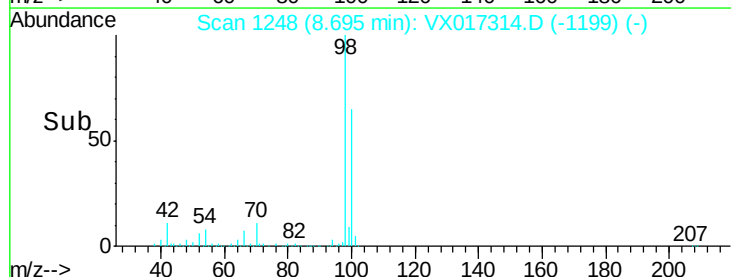
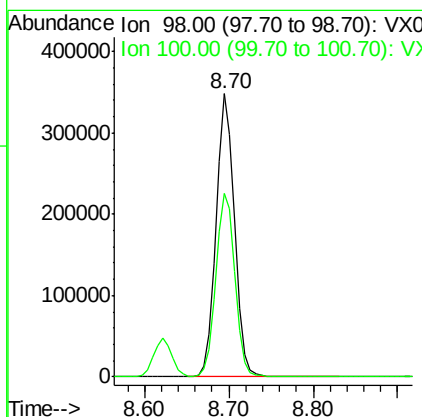
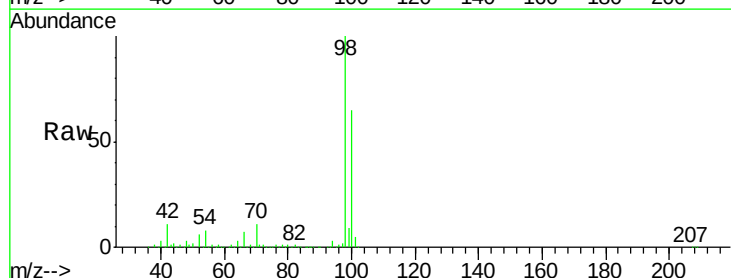
Manual Integrations
APPROVED

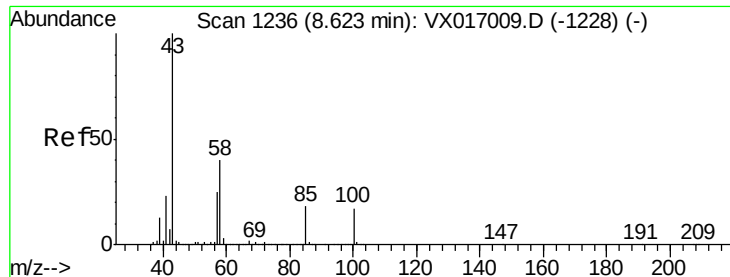
MMDadoda
7/10/2020 12:37:06 PM



#50
Toluene-d8
Concen: 50.846 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





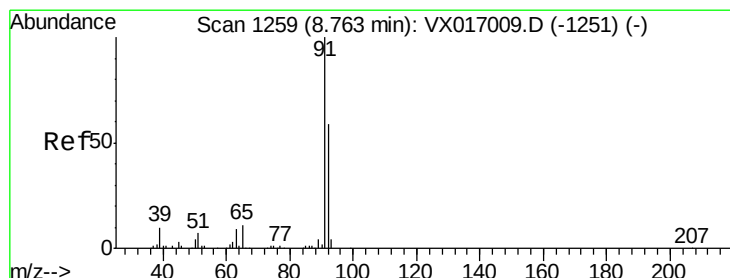
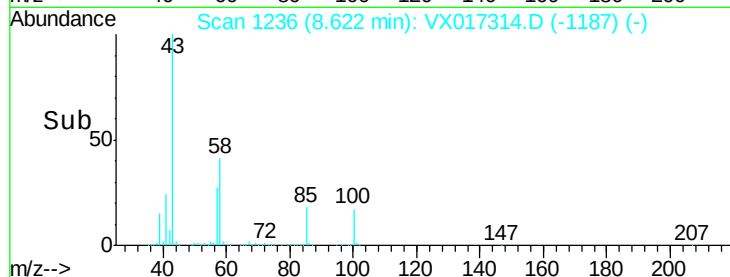
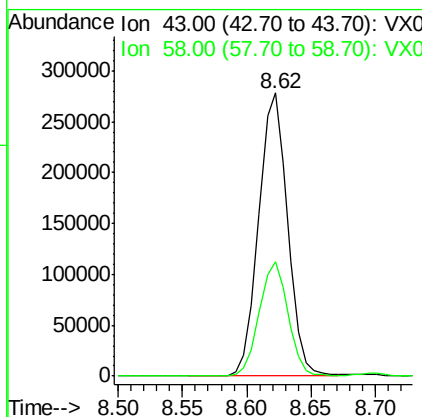
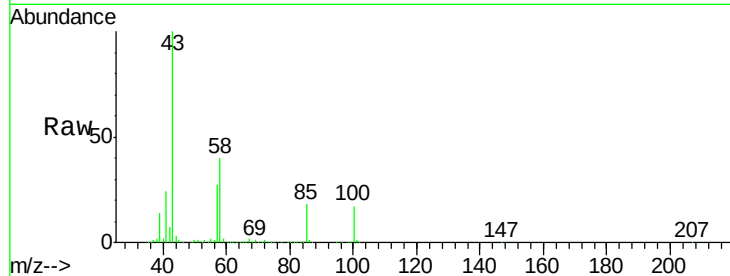
#51
4-Methyl-2-Pentanone
Concen: 102.003 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.9	47.9

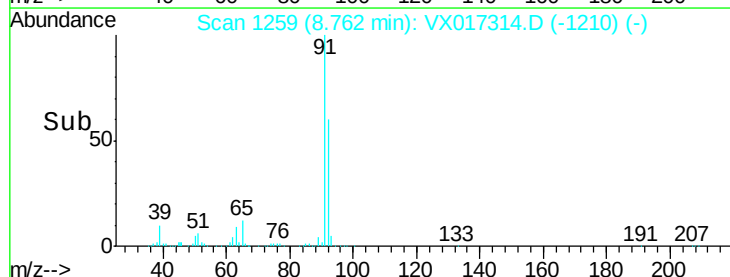
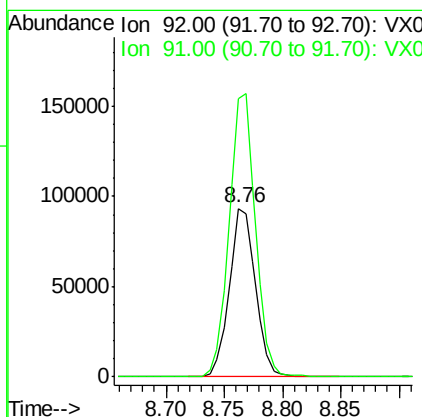
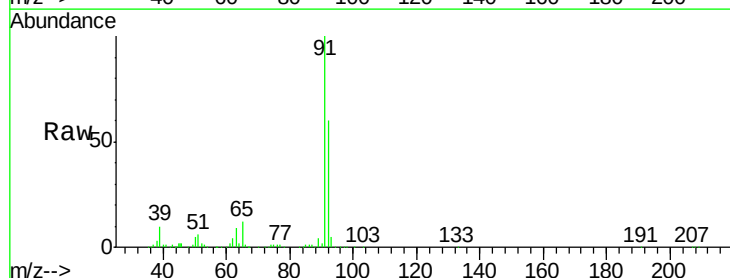
Manual Integrations
APPROVED

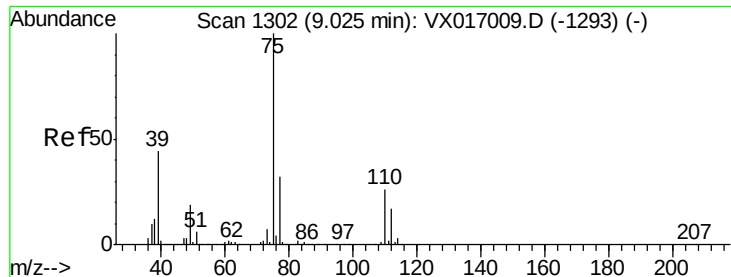
MMDadoda
7/10/2020 12:37:06 PM



#52
Toluene
Concen: 18.942 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.6	136.9	205.3





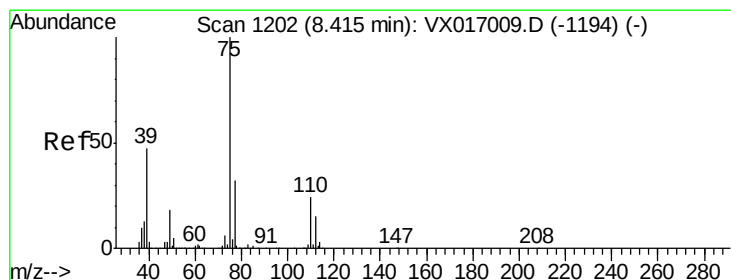
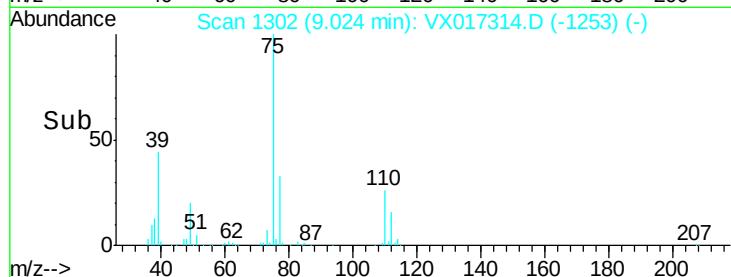
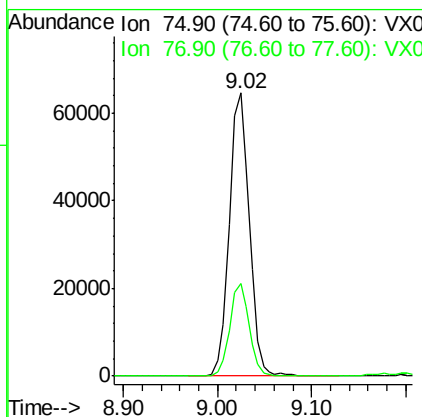
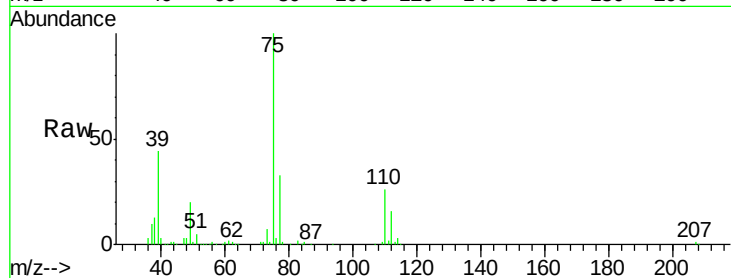
#53
 t-1,3-Dichloropropene
 Concen: 19.415 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion: 75 Resp: 95503
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.6 38.4

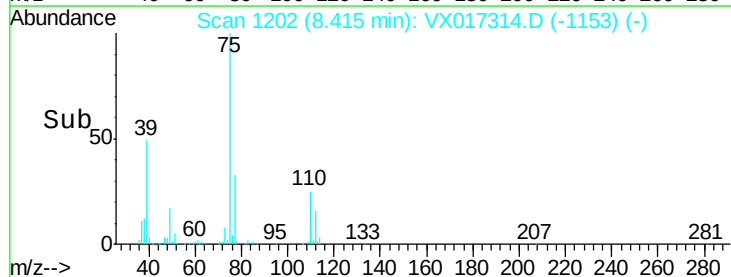
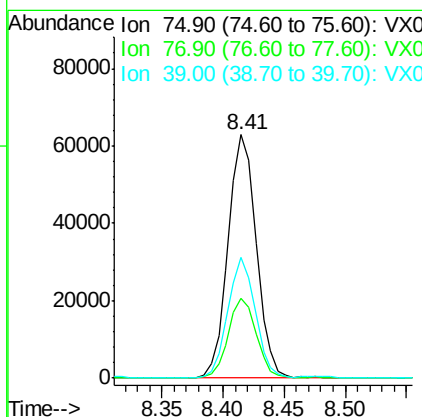
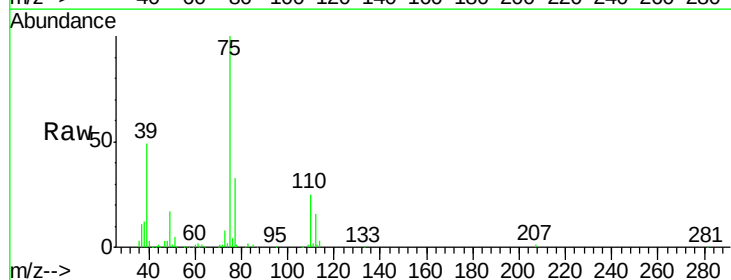
Manual Integrations
 APPROVED

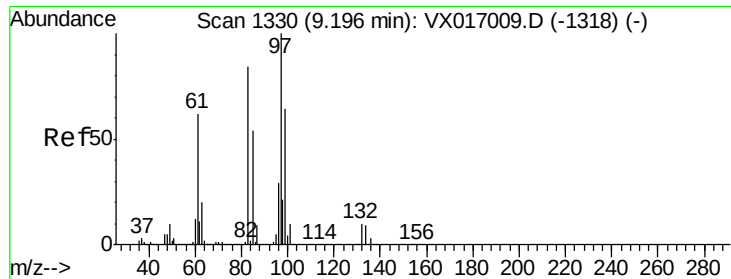
MMDadoda
 7/10/2020 12:37:06 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.025 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion: 75 Resp: 100319
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.2 37.8
 39 49.2 37.4 56.2





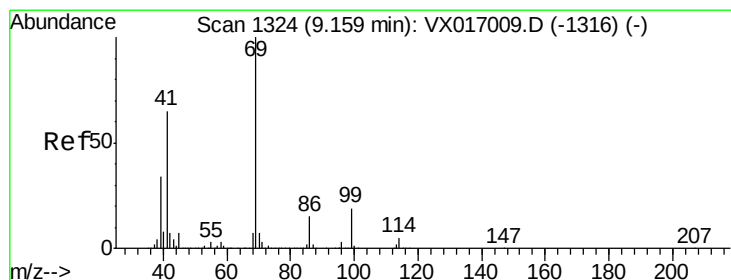
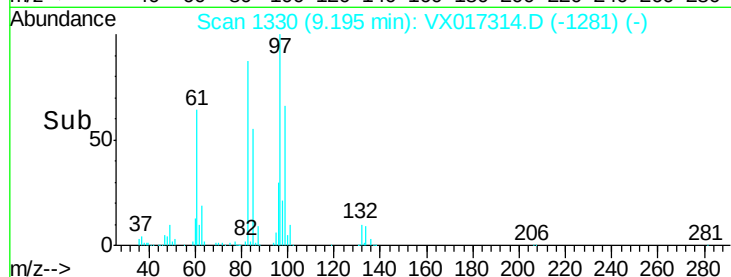
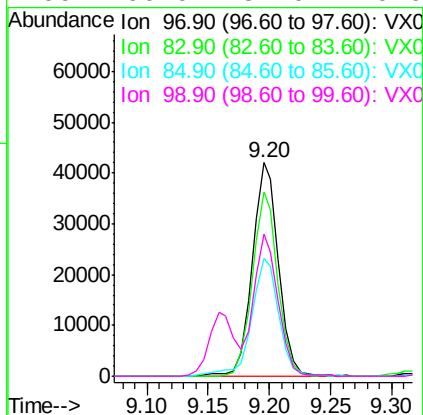
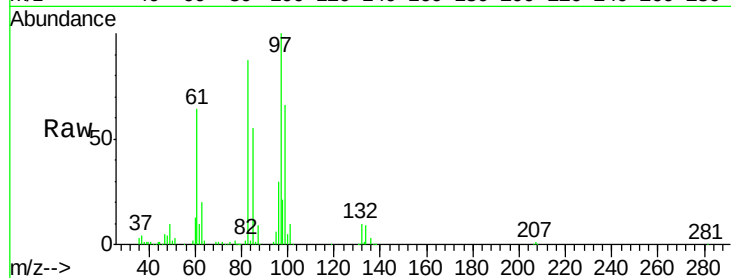
#55
 1,1,2-Trichloroethane
 Concen: 19.881 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		62568		
83	86.5	67.0	100.6		
85	55.1	43.5	65.3		
99	66.0	51.0	76.6		

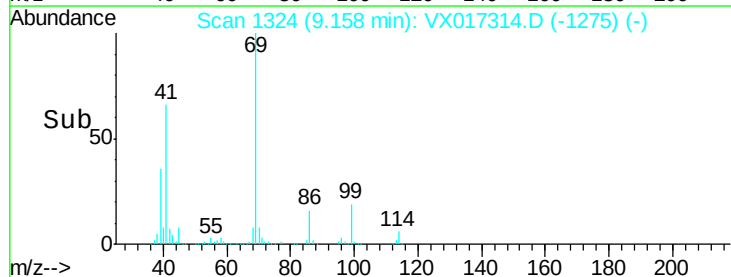
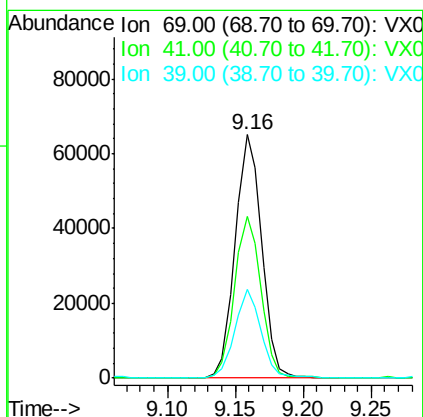
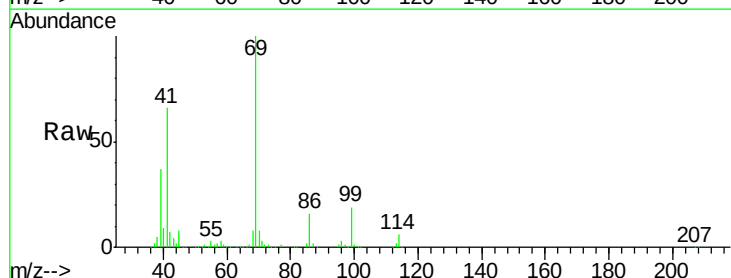
Manual Integrations
 APPROVED

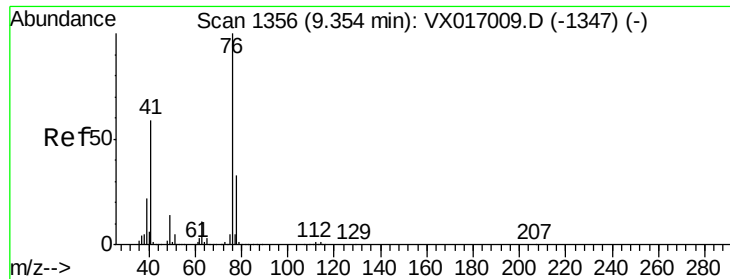
MMDadoda
 7/10/2020 12:37:06 PM



#56
 Ethyl methacrylate
 Concen: 19.760 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		88513		
41	66.6	53.6	80.4		
39	35.1	28.2	42.2		





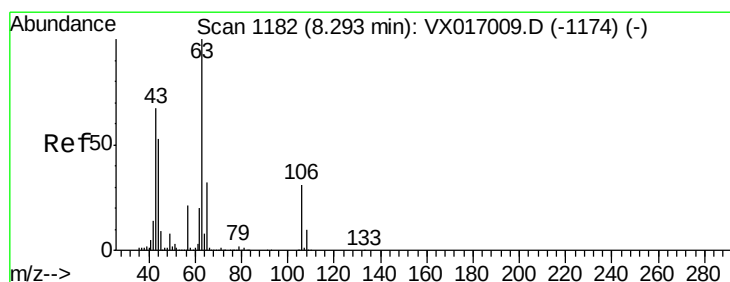
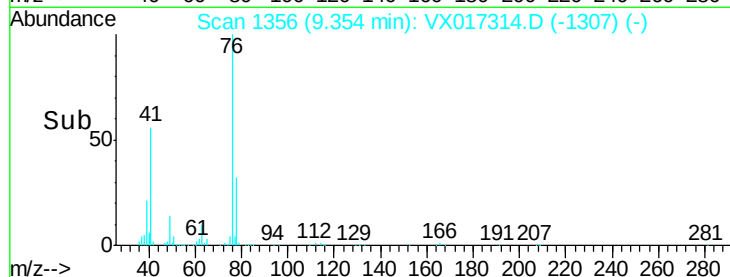
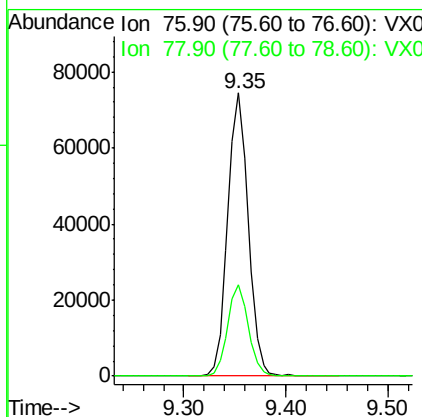
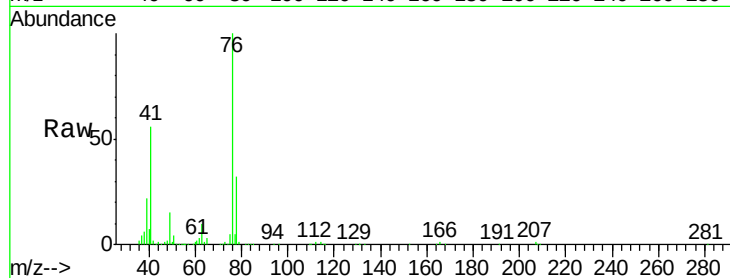
#57
 1,3-Dichloropropane
 Concen: 19.427 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

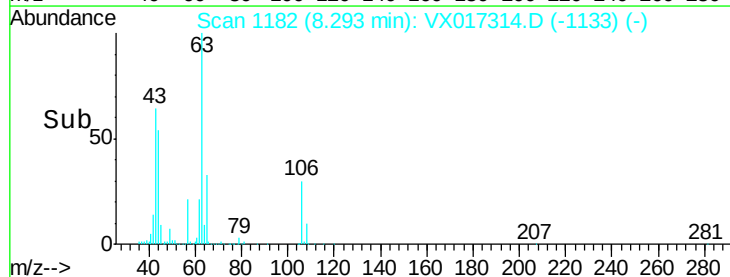
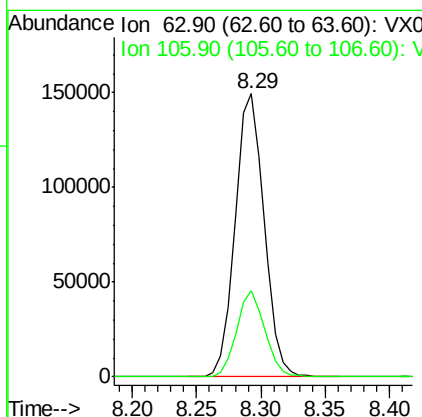
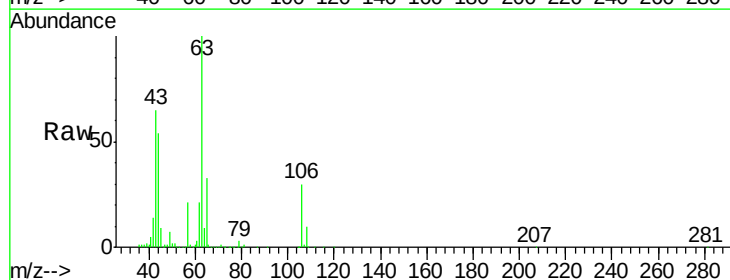
Manual Integrations
 APPROVED

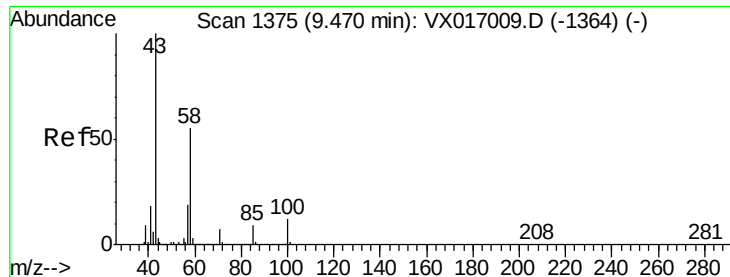
MMDadoda
 7/10/2020 12:37:06 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.792 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	24.0	36.0





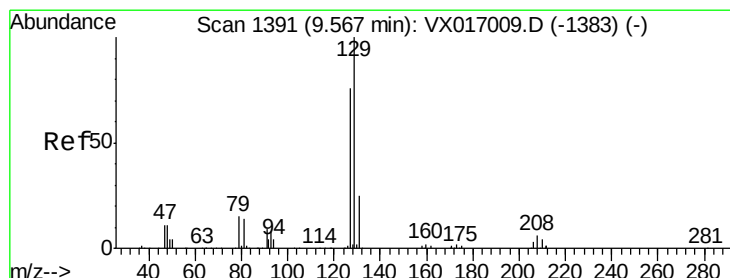
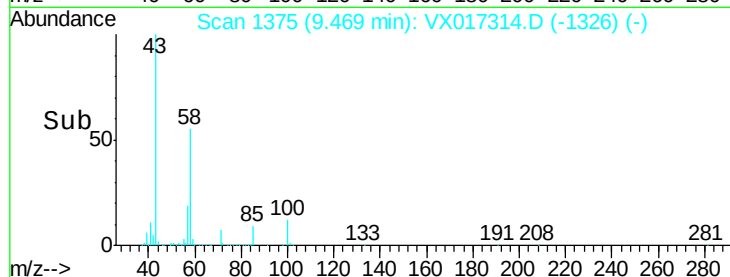
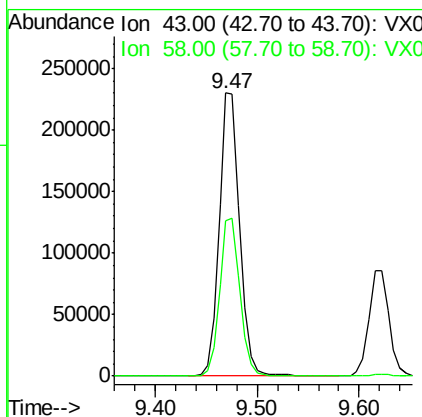
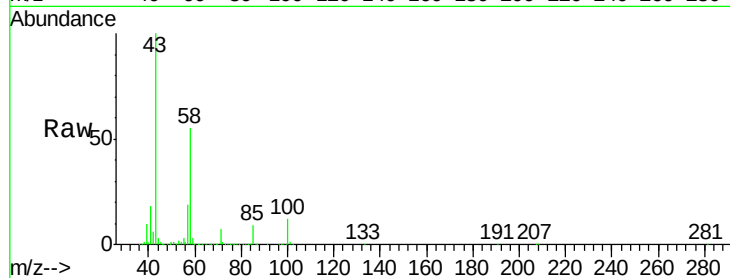
#59
2-Hexanone
Concen: 104.617 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	27.9	83.6

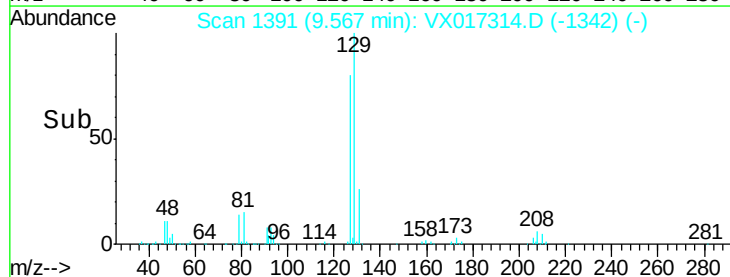
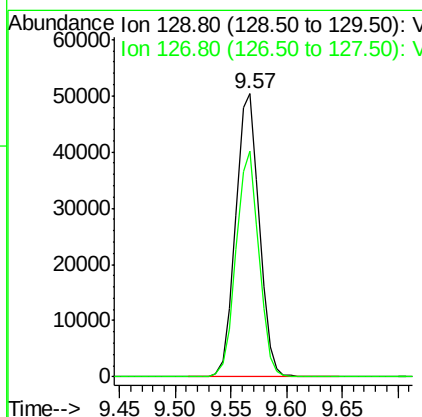
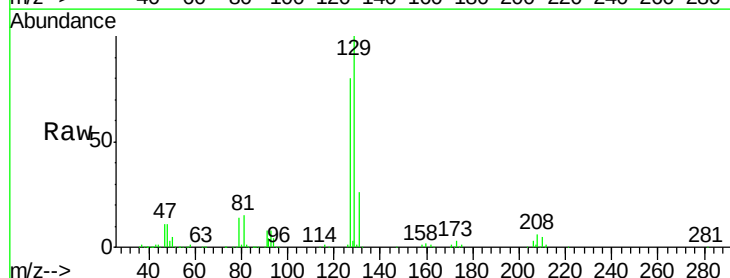
Manual Integrations
APPROVED

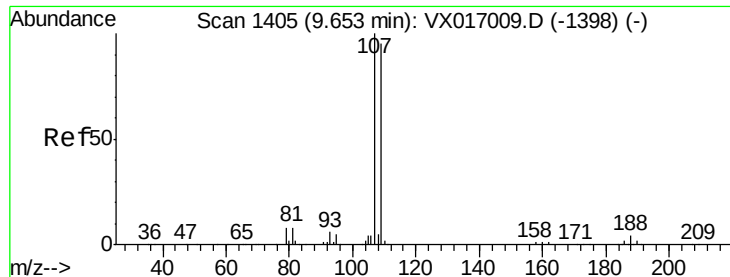
MMDadoda
7/10/2020 12:37:06 PM



#60
Dibromochloromethane
Concen: 20.188 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.9	116.7





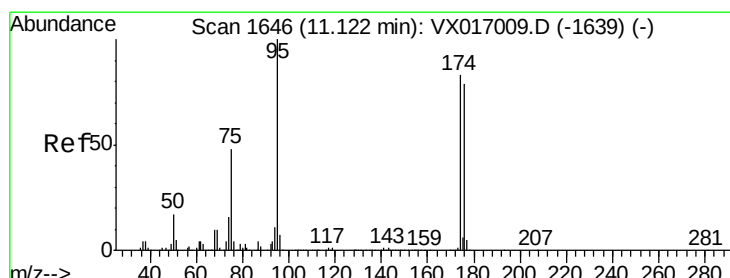
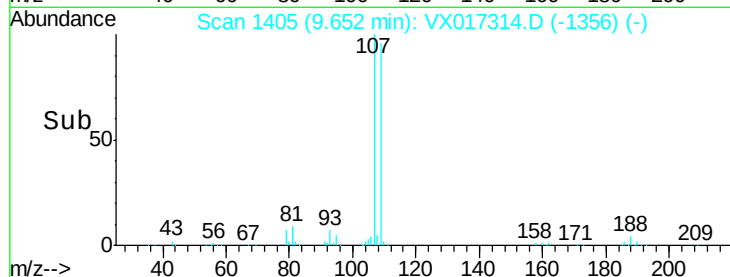
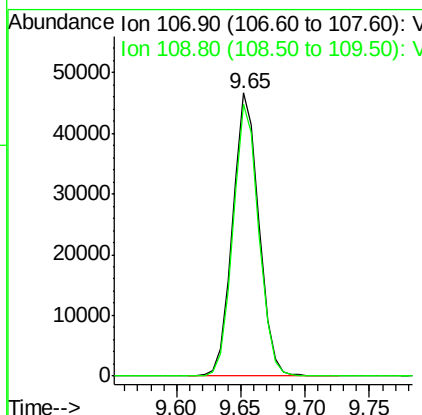
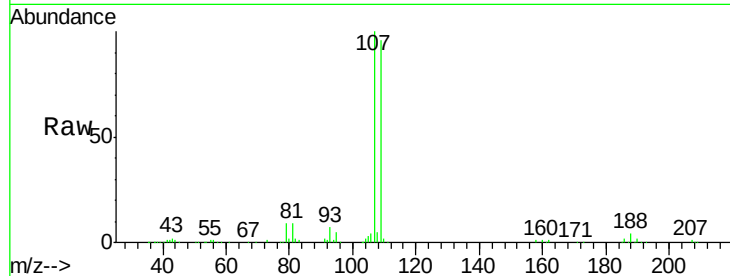
#61
 1,2-Dibromoethane
 Concen: 19.563 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion: 107 Resp: 66179
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8

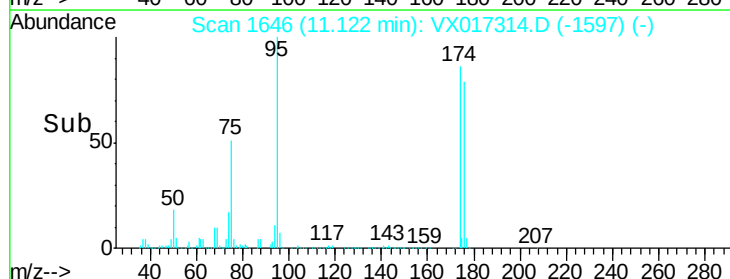
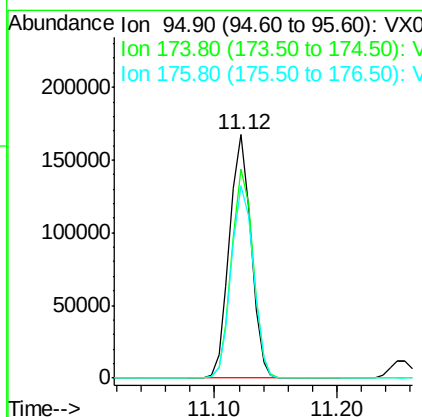
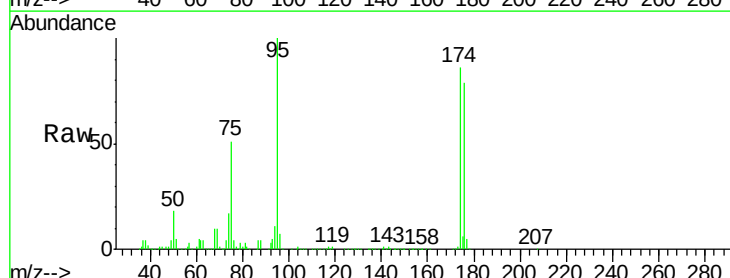
Manual Integrations
 APPROVED

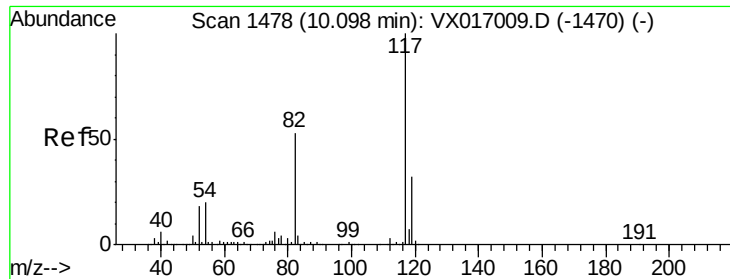
MMDadoda
 7/10/2020 12:37:06 PM



#62
 4-Bromofluorobenzene
 Concen: 50.269 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion: 95 Resp: 204214
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 164.0
 176 80.8 0.0 157.6





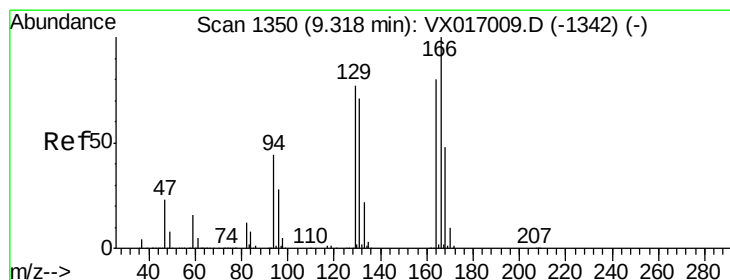
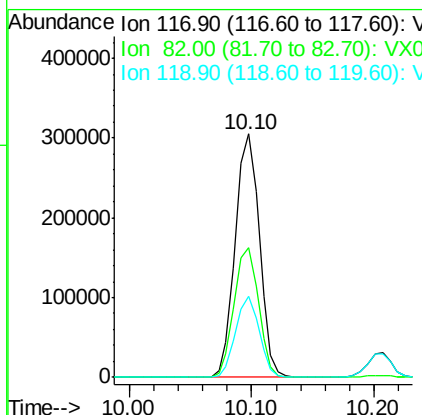
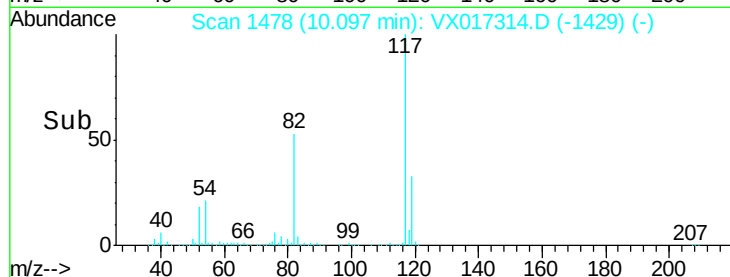
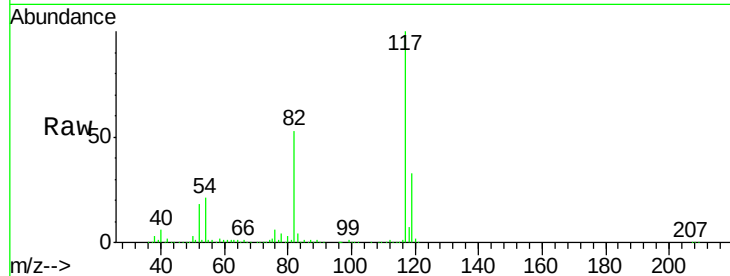
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	417457		
82	53.4	42.6	63.8	
119	33.3	25.4	38.2	

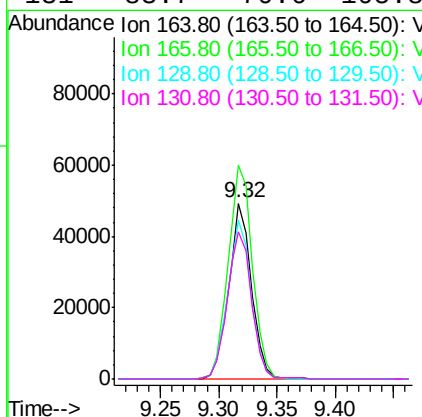
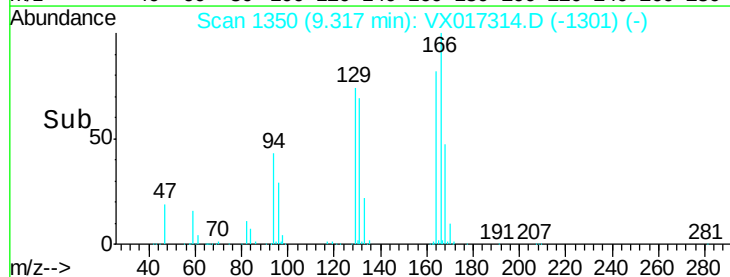
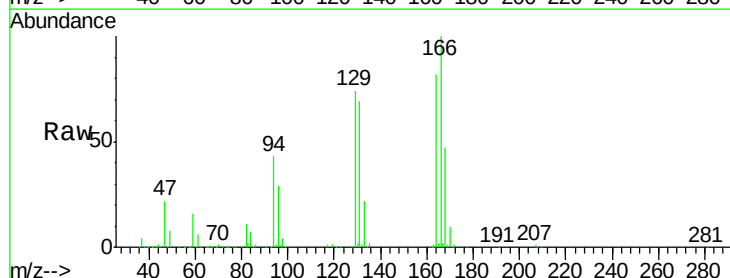
Manual Integrations
APPROVED

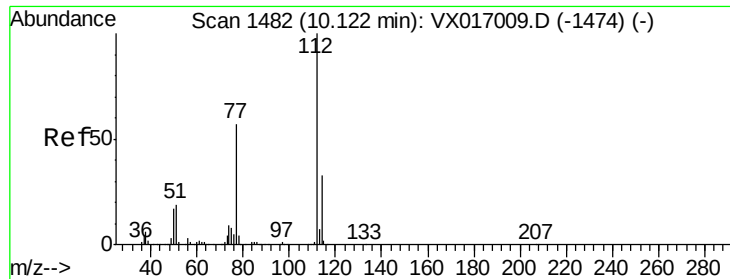
MMDadoda
7/10/2020 12:37:06 PM



#64
Tetrachloroethene
Concen: 19.924 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67128		
166	121.6	99.4	149.0	
129	90.6	76.3	114.5	
131	83.7	70.6	105.8	





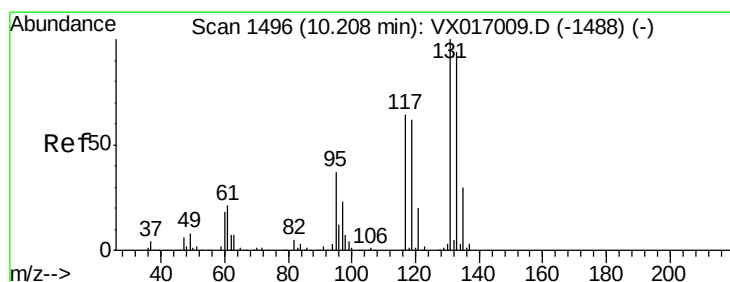
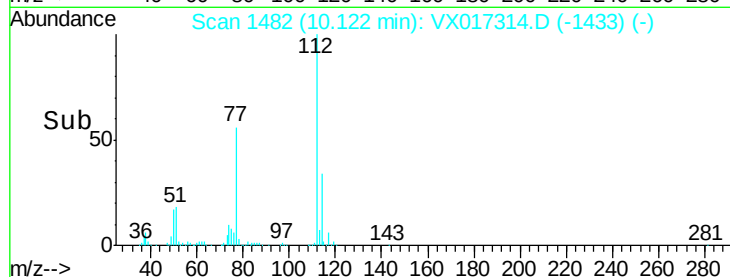
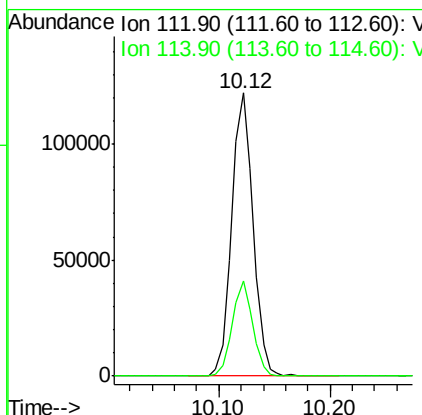
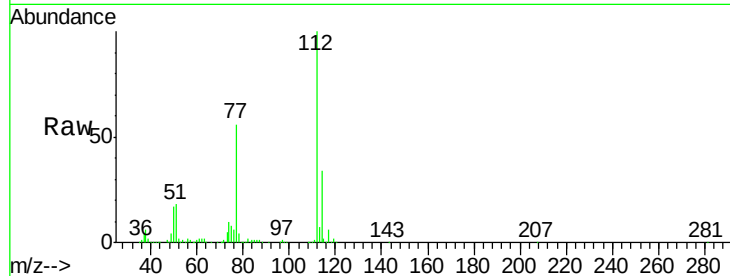
#65
Chlorobenzene
Concen: 18.798 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.8	26.2	39.4

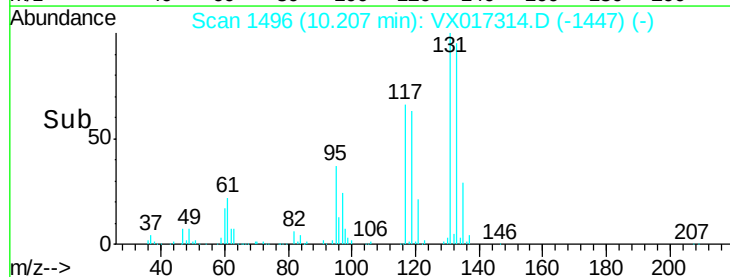
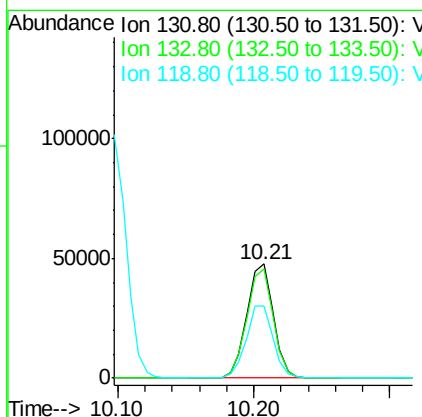
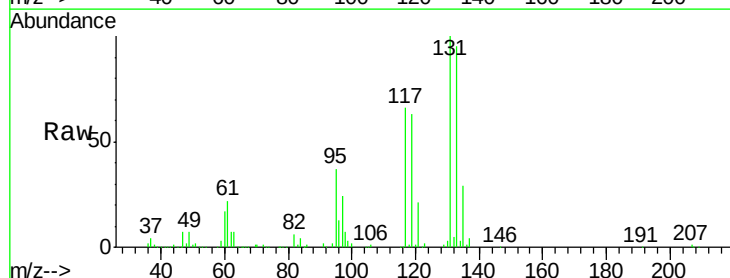
Manual Integrations
APPROVED

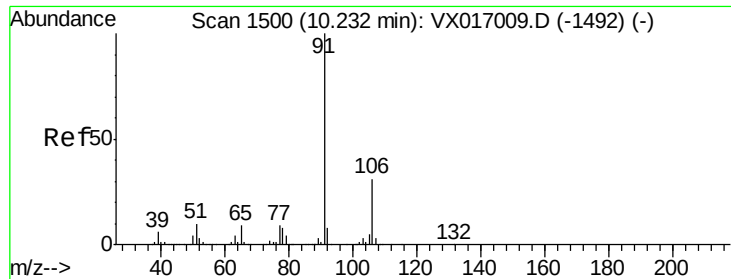
MMDadoda
7/10/2020 12:37:06 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.723 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.3	141.9
119	64.5	31.9	95.5





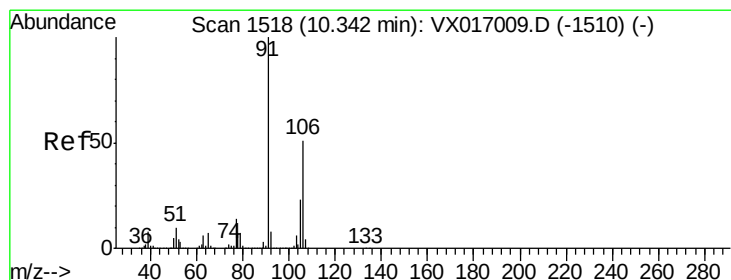
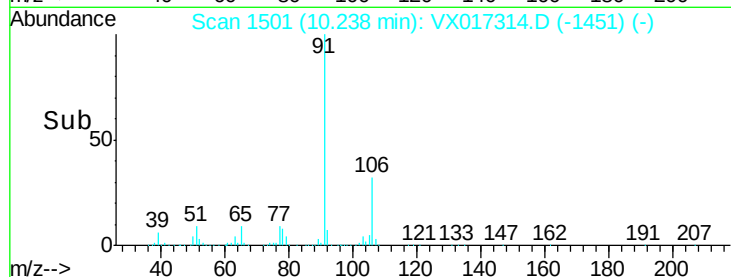
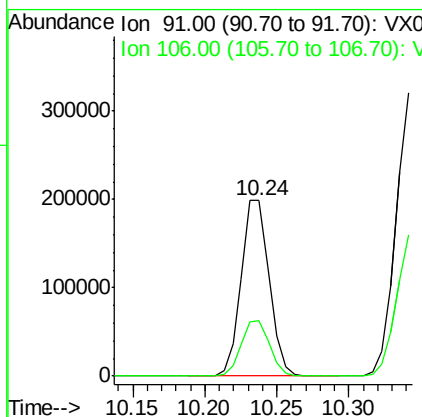
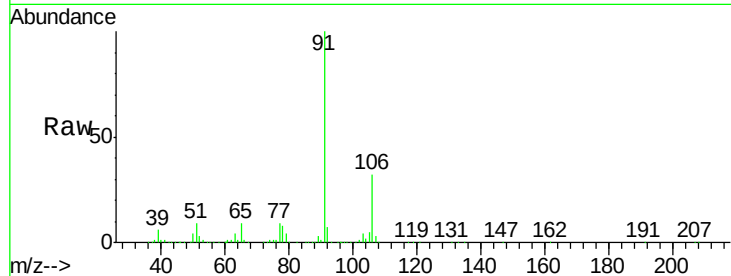
#67
Ethyl Benzene
Concen: 18.728 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion: 91 Resp: 269479
Ion Ratio Lower Upper
91 100
106 31.6 24.7 37.1

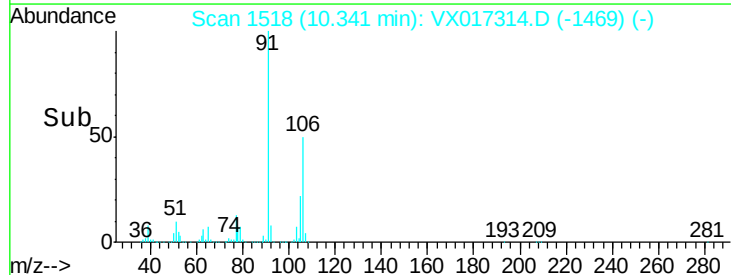
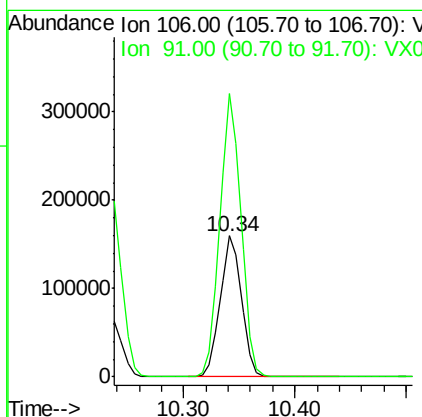
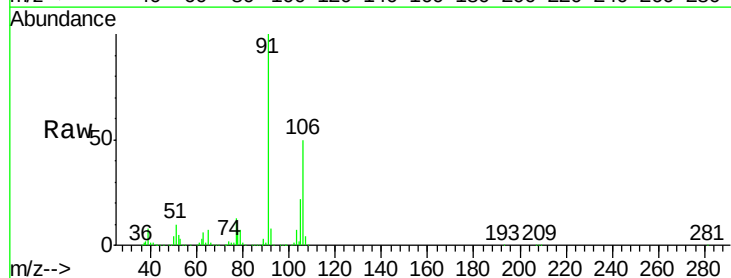
Manual Integrations
APPROVED

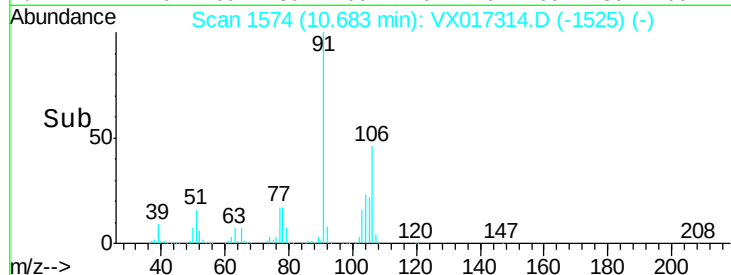
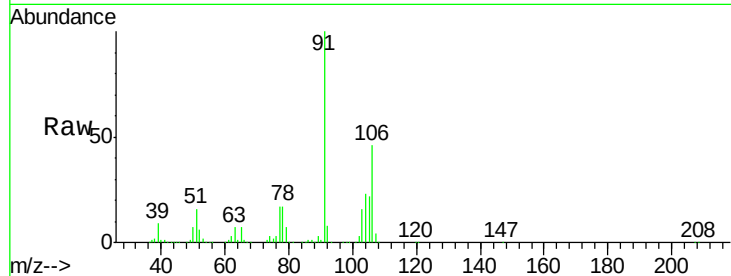
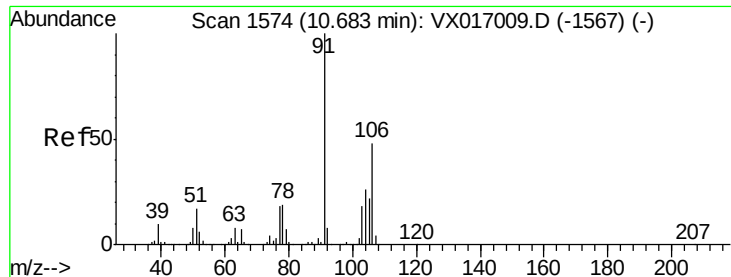
MMDadoda
7/10/2020 12:37:06 PM



#68
m/p-Xylenes
Concen: 38.244 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion: 106 Resp: 211296
Ion Ratio Lower Upper
106 100
91 200.4 158.6 238.0





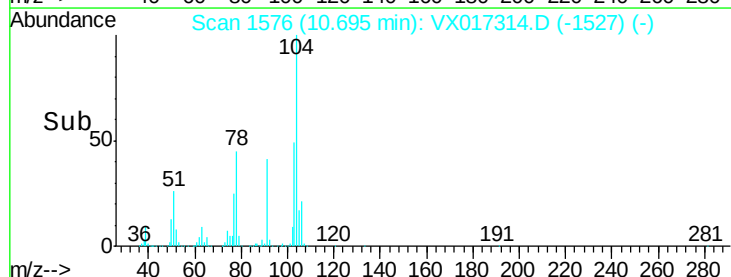
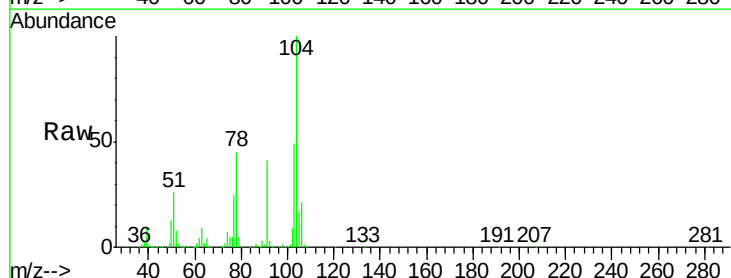
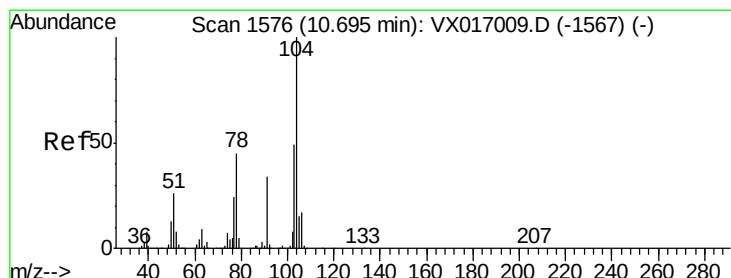
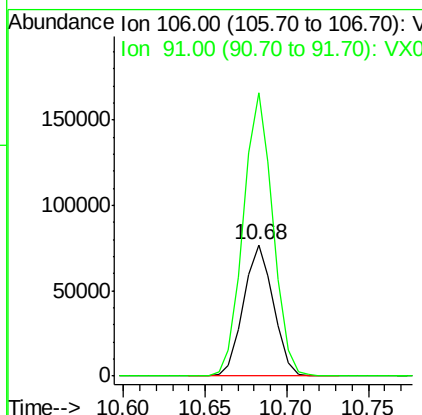
#69
o-Xylene
Concen: 18.702 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tot Ion:106 Resp: 98292
Ion Ratio Lower Upper
106 100
91 214.5 105.6 316.7

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

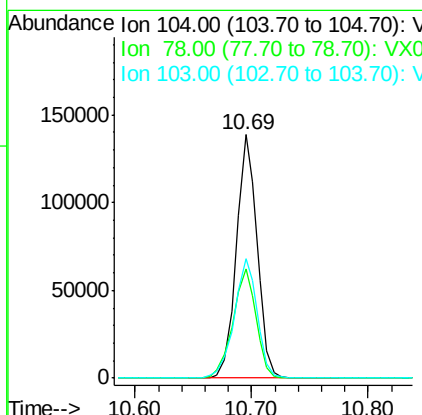
Manual Integrations
APPROVED

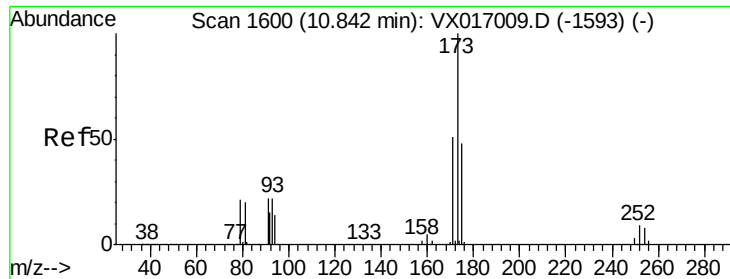
MMDadoda
7/10/2020 12:37:06 PM



#70
Styrene
Concen: 19.366 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion:104 Resp: 173325
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 54.0 43.0 64.6





#71

Bromoform

Concen: 21.221 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion:173 Resp: 55879

Ion Ratio Lower Upper

173 100

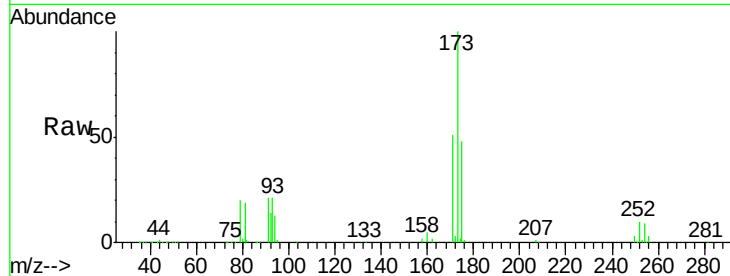
175 48.4 24.5 73.5

254 0.1 0.1 0.1

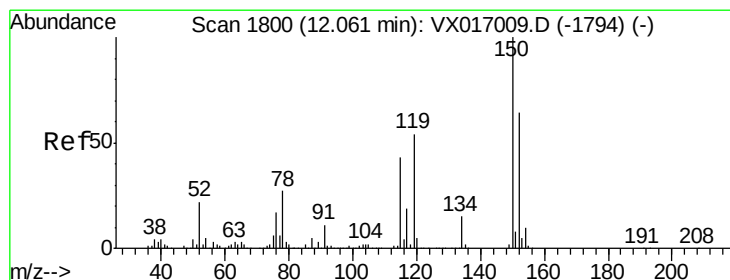
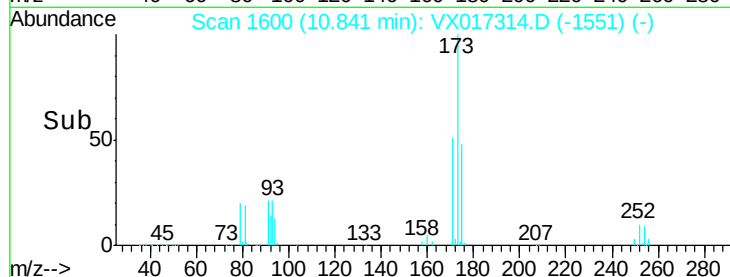
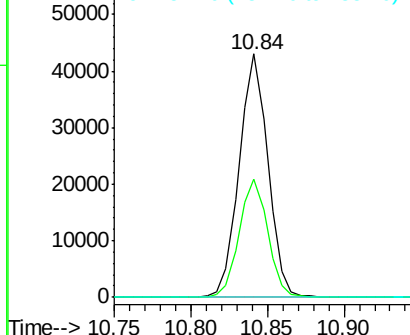
Manual Integrations
APPROVED

MMDadoda

7/10/2020 12:37:06 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: VX017314.D

Acq: 09 Jul 2020 17:42

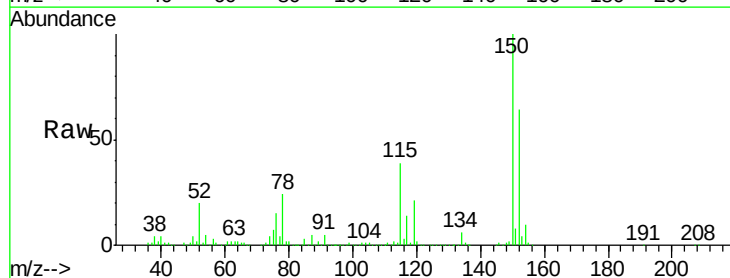
Tgt Ion:152 Resp: 227451

Ion Ratio Lower Upper

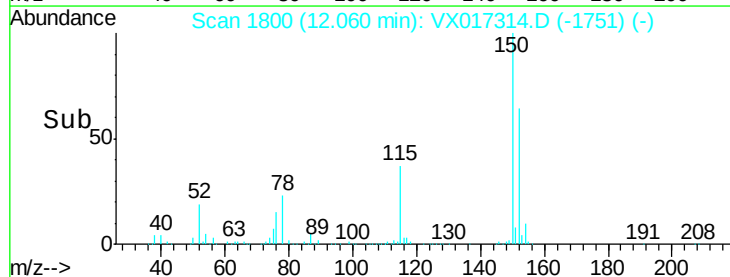
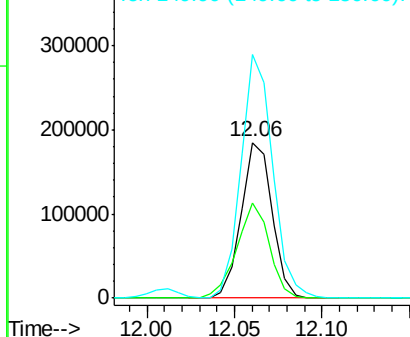
152 100

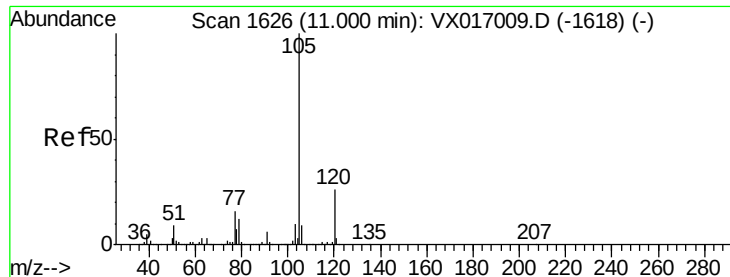
115 64.5 40.9 122.7

150 160.3 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: 18.275 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 105 Resp: 272273

Ion Ratio Lower Upper

105 100

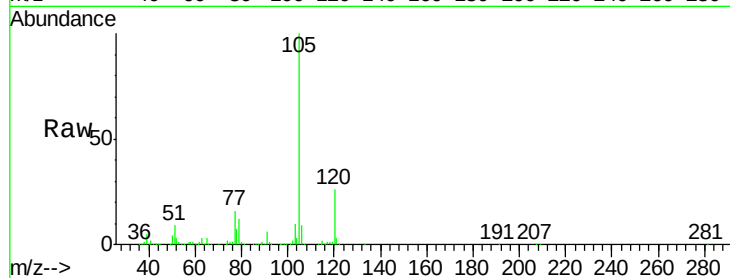
120 26.4 13.4 40.2

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:06 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

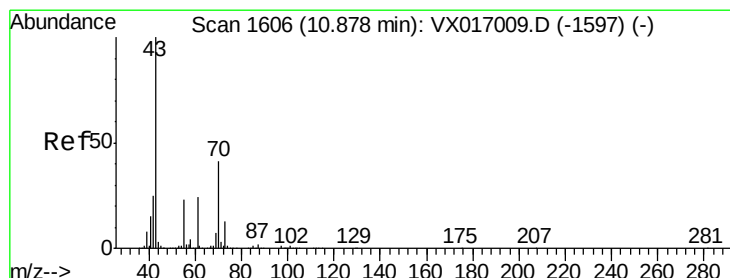
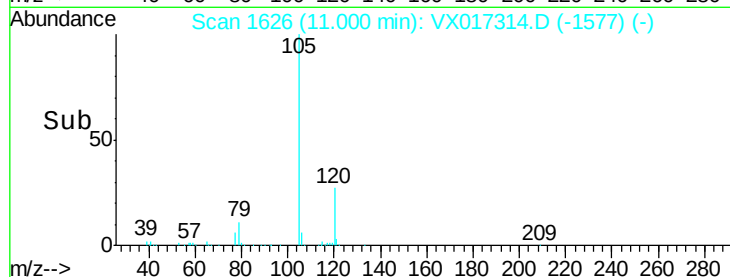
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 17.895 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Tgt Ion: 43 Resp: 113758

Ion Ratio Lower Upper

43 100

70 43.7 34.2 51.2

55 24.9 19.2 28.8

61 24.5 19.6 29.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

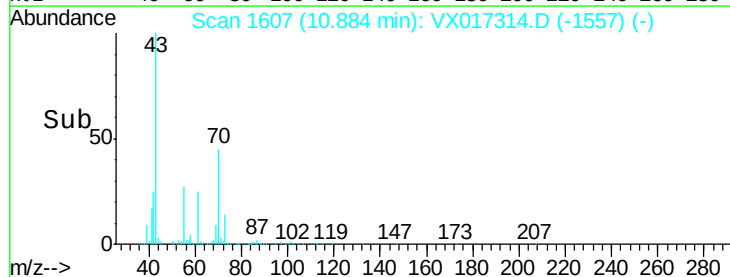
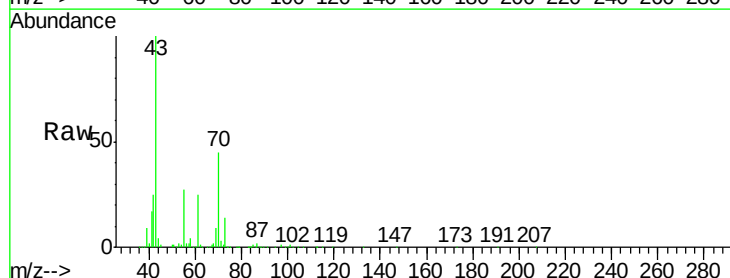
50000

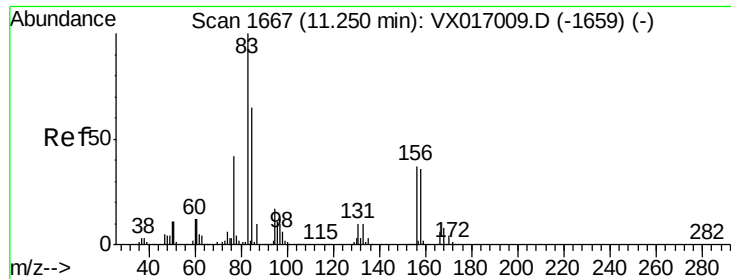
0

10.88

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.963 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

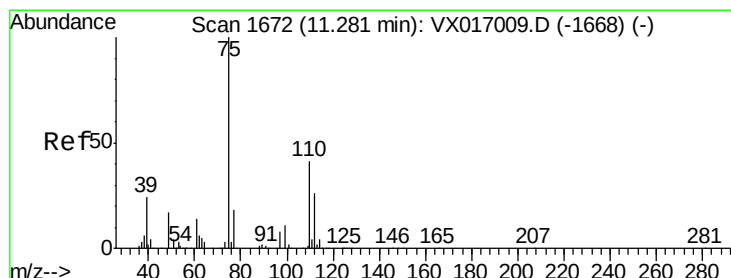
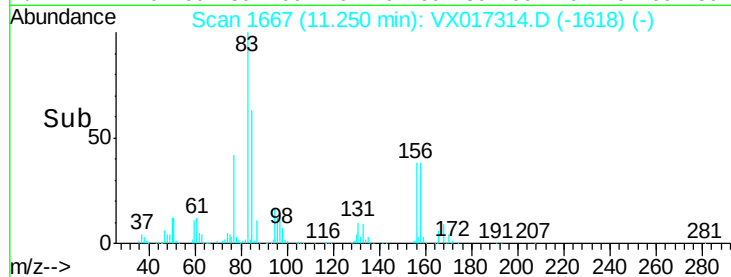
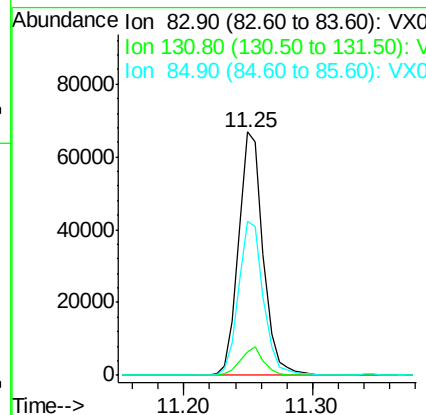
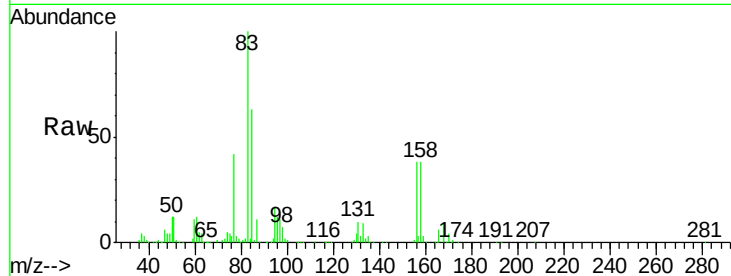
ClientSampleId :

VX0709WBS02

Tot Ion:	83	Resp:	88869
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	64.3	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:06 PM



#76

1,2,3-Trichloropropane

Concen: 19.109 ug/l m

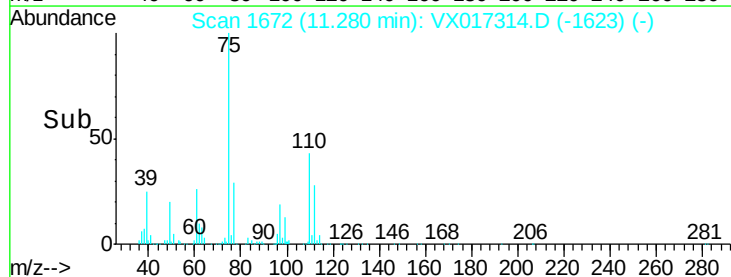
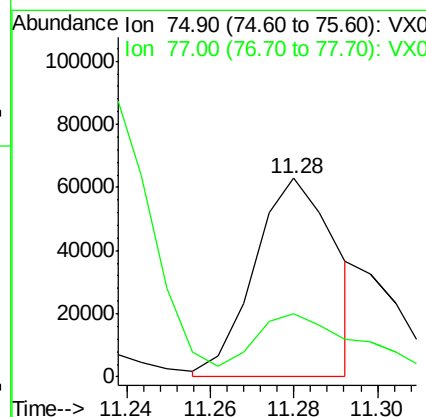
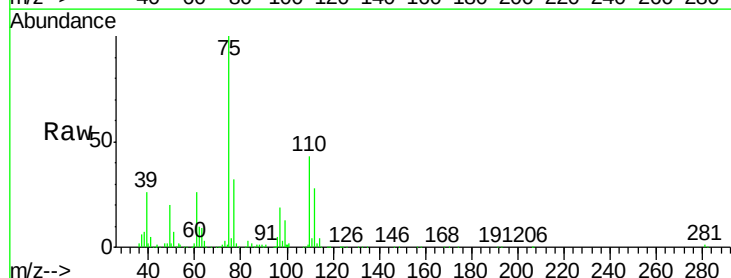
RT: 11.28 min Scan# 1672

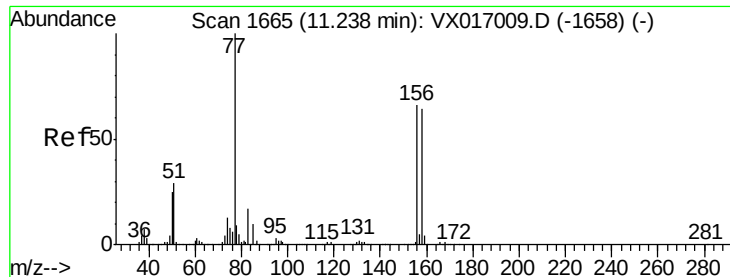
Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Tgt Ion:	75	Resp:	85468
Ion Ratio	Lower	Upper	
75	100		
77	41.4	20.2	60.6





#77

Bromobenzene

Concen: 18.329 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

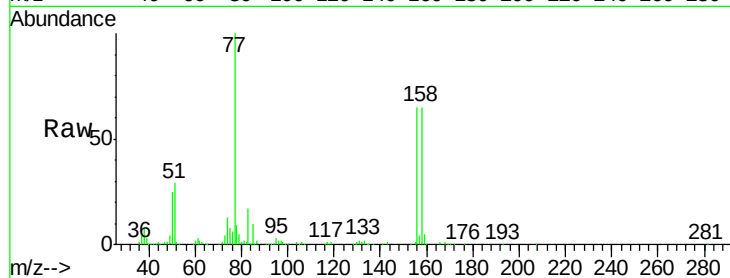
ClientSampleId :

VX0709WBS02

Tot Ion:	156	Resp:	75051
Ion Ratio	Lower	Upper	
156	100		
77	150.2	76.9	230.7
158	97.3	47.9	143.6

Manual Integrations
APPROVED

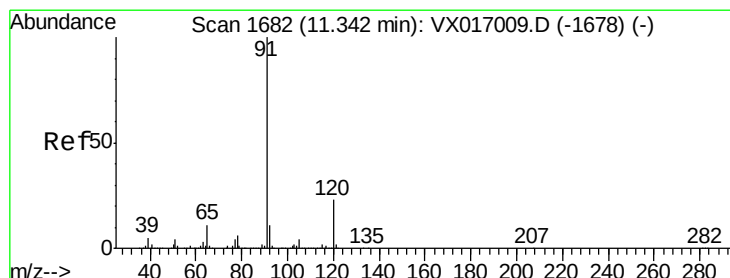
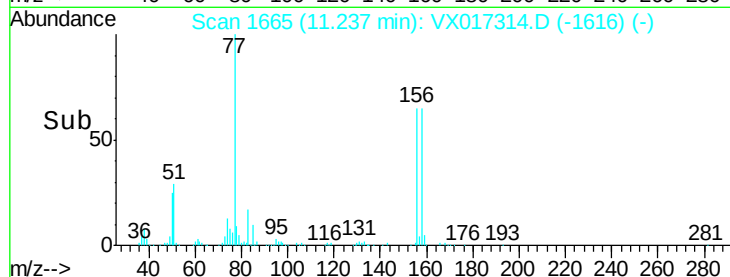
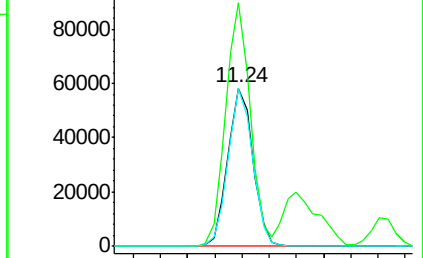
MMDadoda
7/10/2020 12:37:06 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.184 ug/l

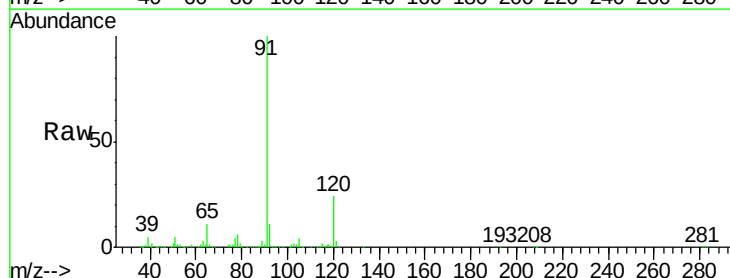
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017314.D

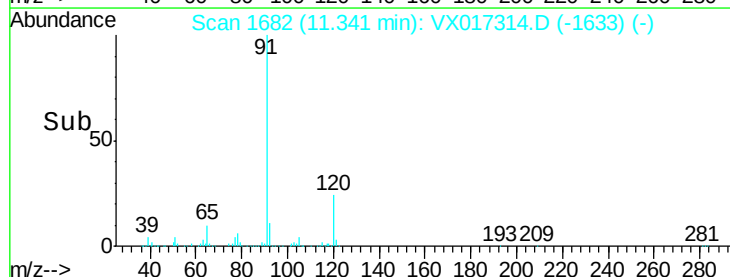
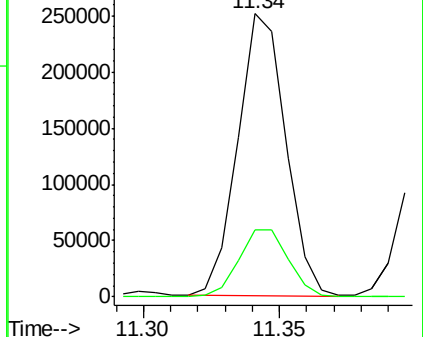
Acq: 09 Jul 2020 17:42

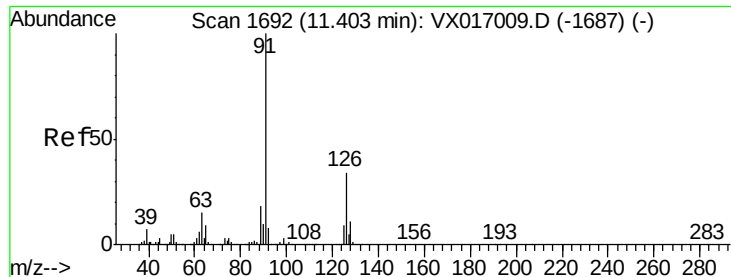
Tgt Ion:	91	Resp:	306349
Ion Ratio	Lower	Upper	
91	100		
120	24.8	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.531 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 91 Resp: 188951

Ion Ratio Lower Upper

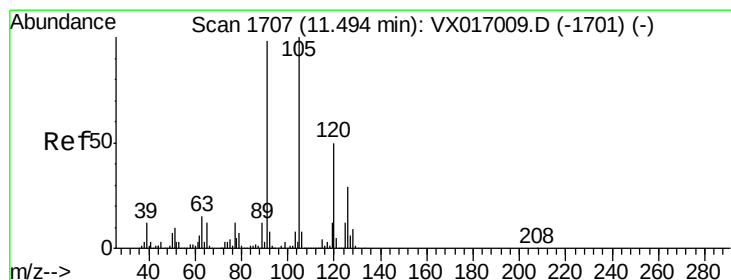
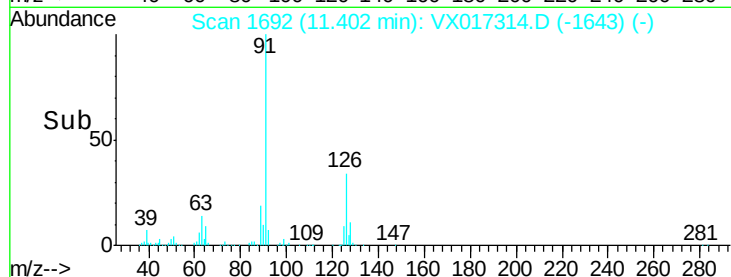
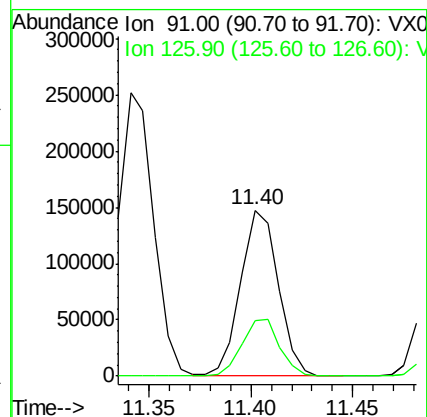
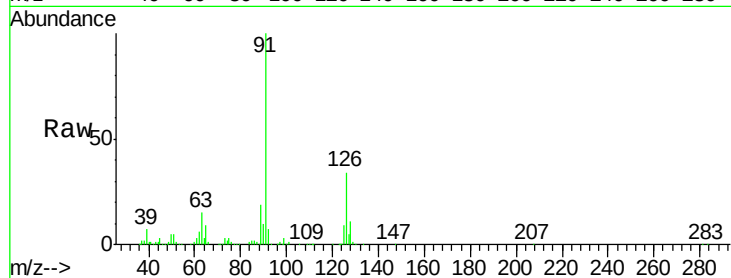
91 100

126 34.6 17.4 52.3

Manual Integrations
APPROVED

MMDadoda

7/10/2020 12:37:06 PM



#80

1,3,5-Trimethylbenzene

Concen: 18.561 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017314.D

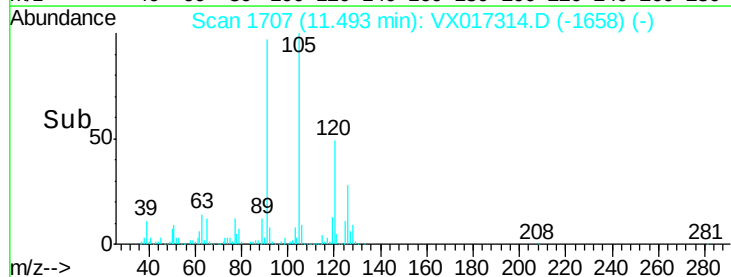
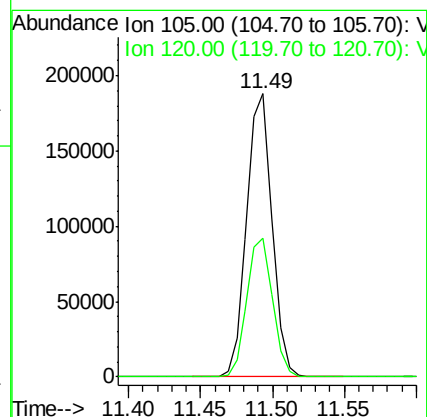
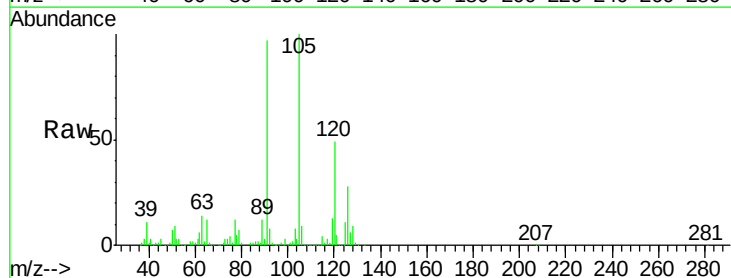
Acq: 09 Jul 2020 17:42

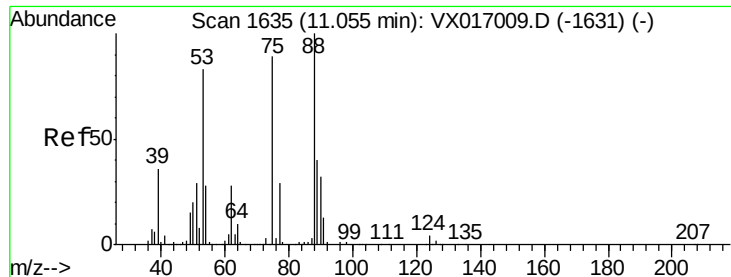
Tgt Ion: 105 Resp: 229367

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.6





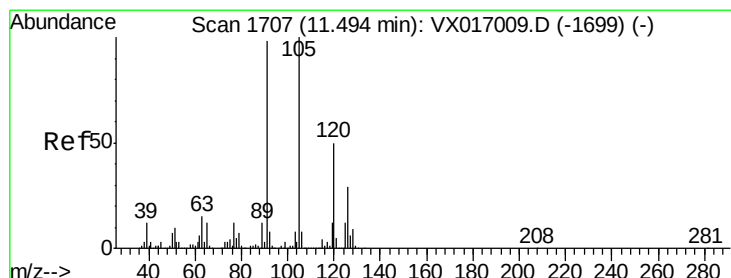
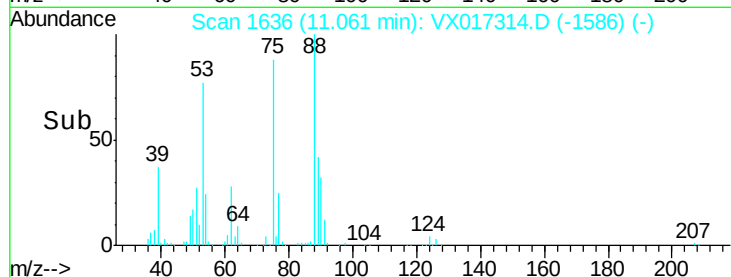
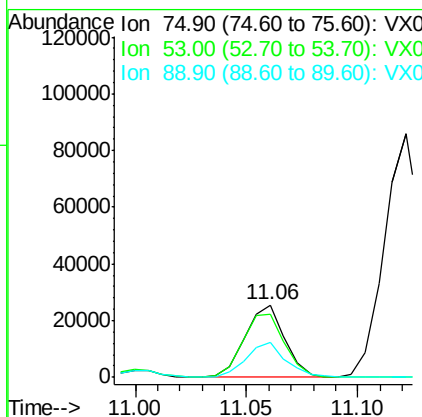
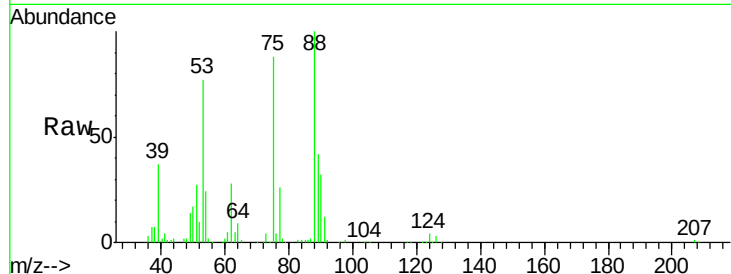
#81
trans-1,4-Dichloro-2-butene
Concen: 18.160 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.3	72.4	108.6
89	49.6	37.0	55.4

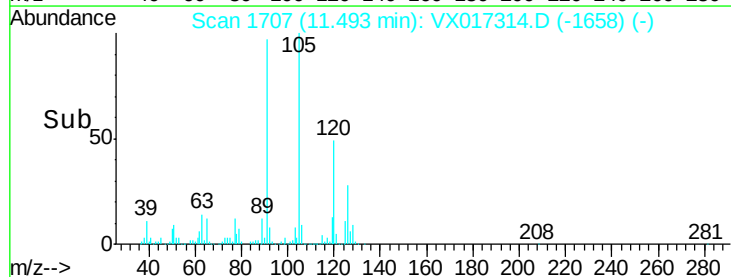
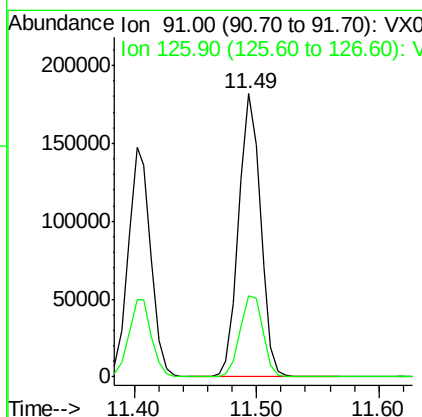
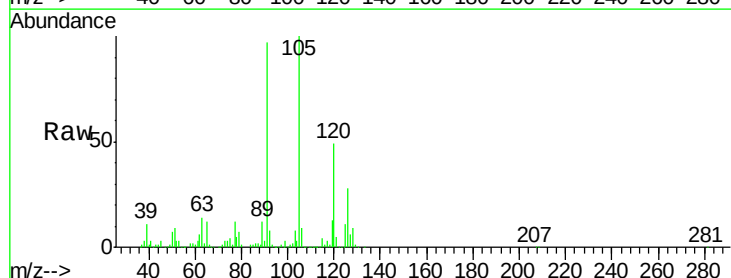
Manual Integrations
APPROVED

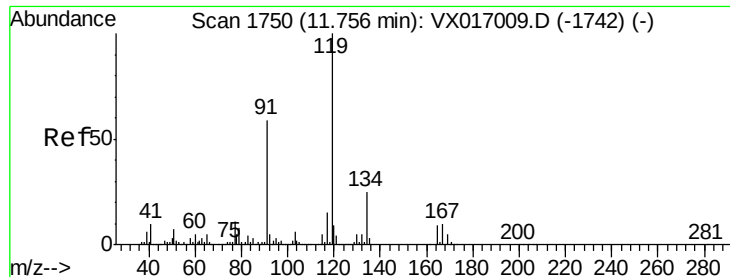
MMDadoda
7/10/2020 12:37:06 PM



#82
4-Chlorotoluene
Concen: 18.352 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.5





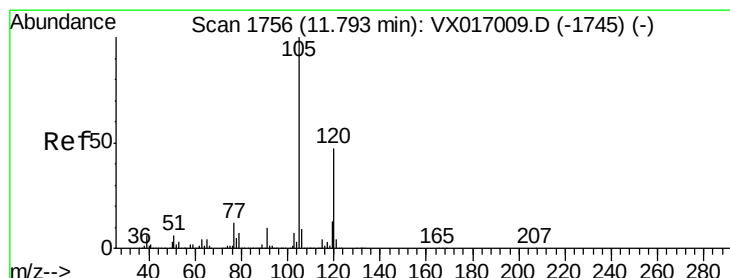
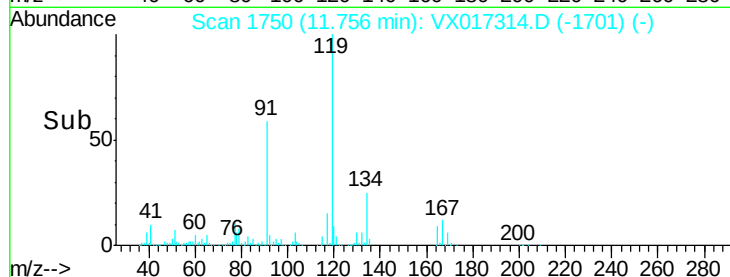
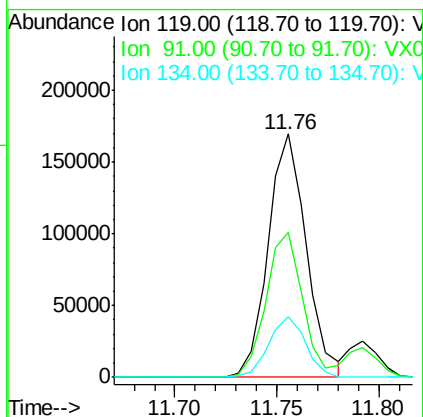
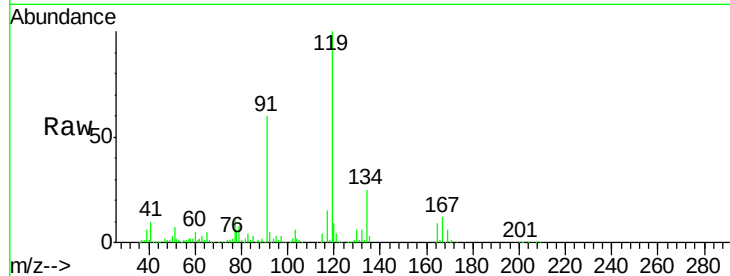
#83
tert-Butylbenzene
Concen: 18.209 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	220889		
91	56.8		28.3	84.9
134	24.0		11.7	35.1

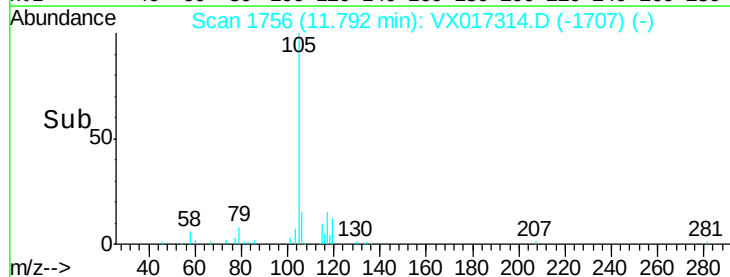
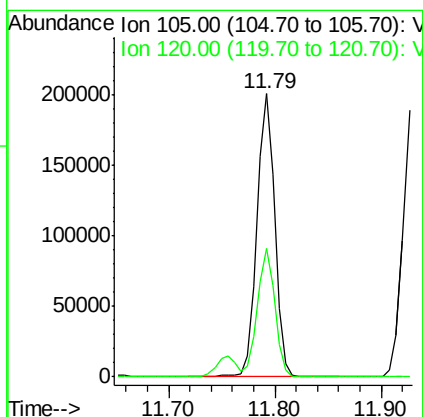
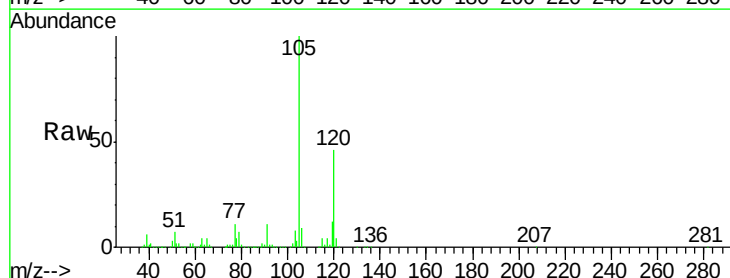
Manual Integrations
APPROVED

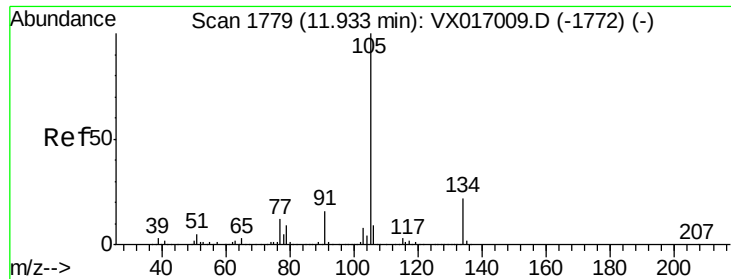
MMDadoda
7/10/2020 12:37:06 PM



#84
1,2,4-Trimethylbenzene
Concen: 18.923 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237241		
120	44.6		22.9	68.5





#85

sec-Butylbenzene

Concen: 18.005 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion:105 Resp: 256743

Ion Ratio Lower Upper

105 100

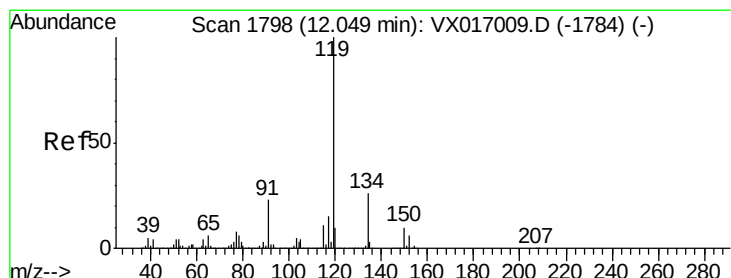
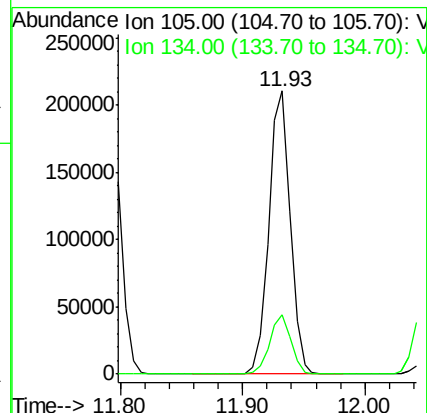
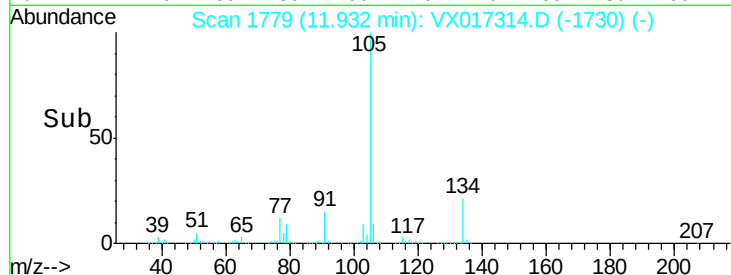
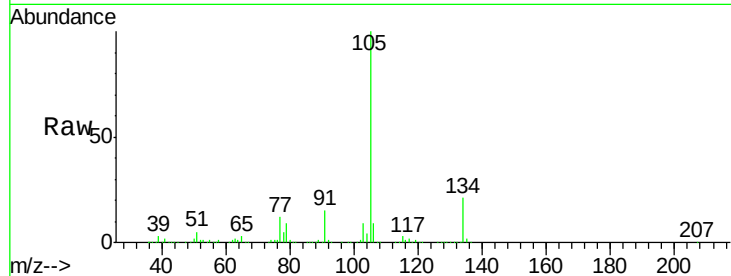
134 20.8 10.5 31.6

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:06 PM



#86

p-Isopropyltoluene

Concen: 18.509 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017314.D

Acq: 09 Jul 2020 17:42

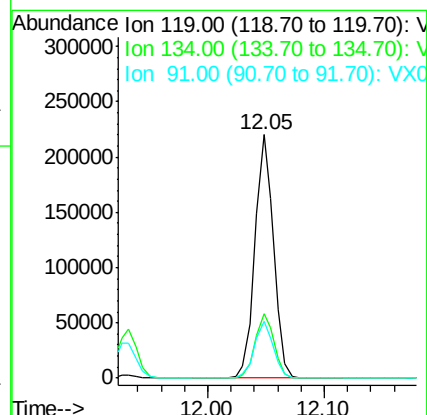
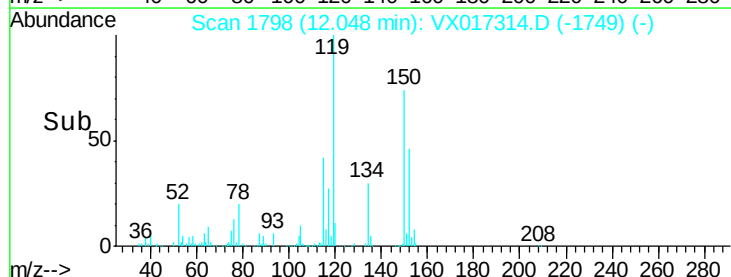
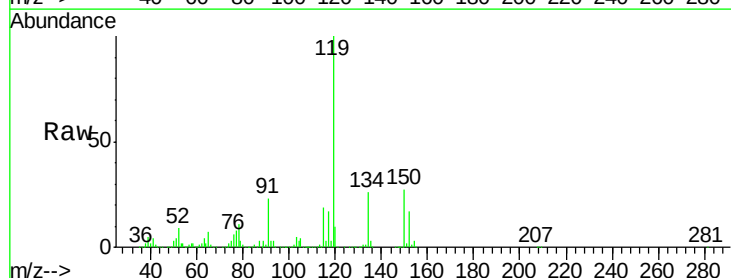
Tgt Ion:119 Resp: 245704

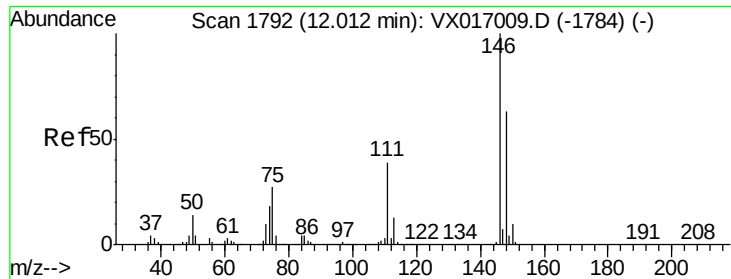
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.9 11.8 35.4





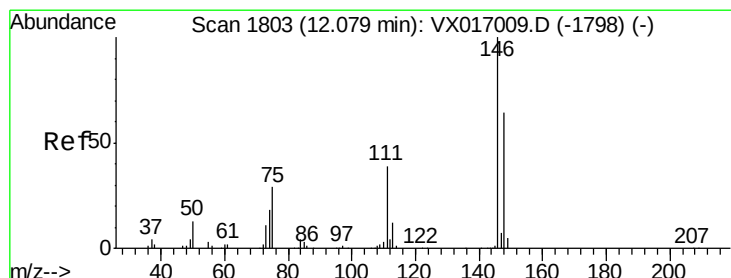
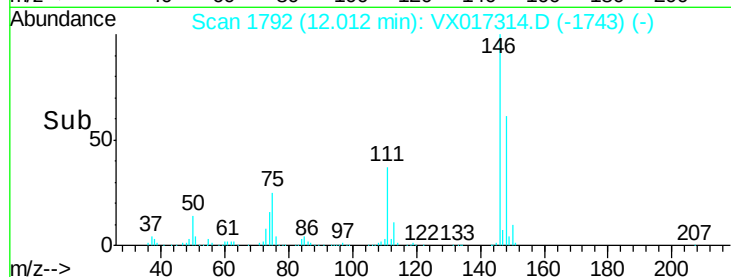
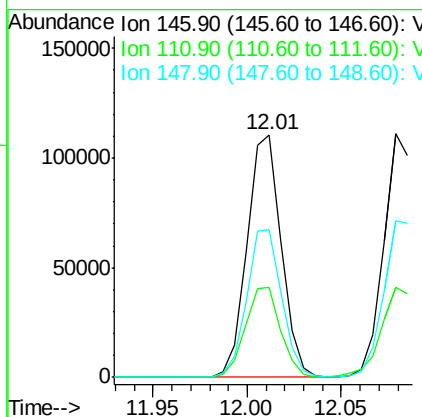
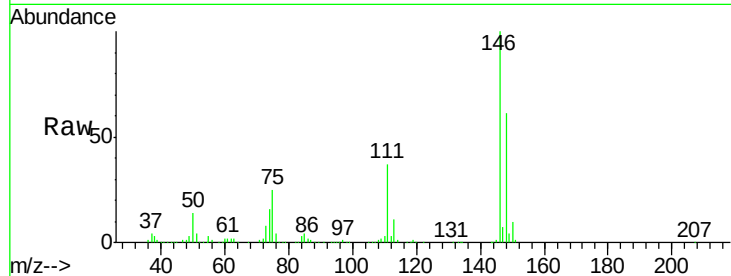
#87
 1,3-Dichlorobenzene
 Concen: 18.681 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.4	61.2
148	62.2	32.5	97.5

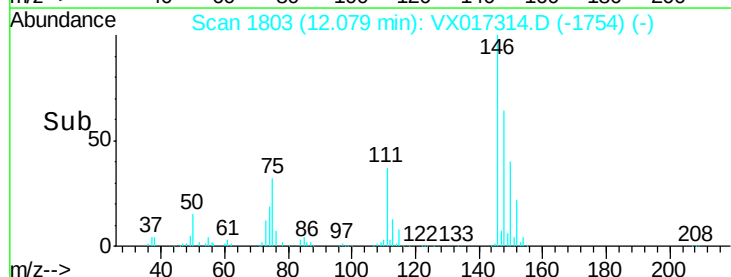
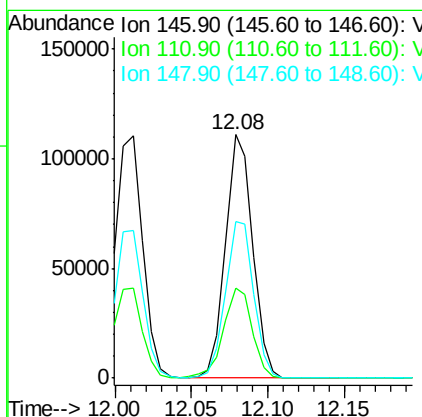
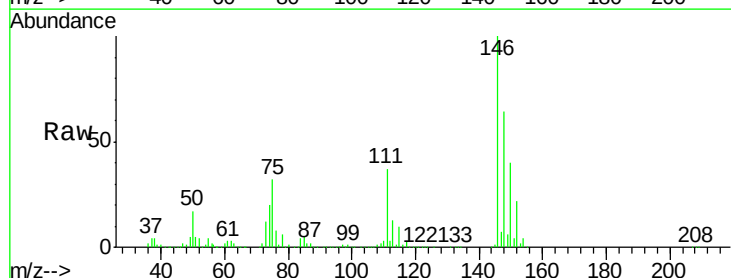
Manual Integrations
 APPROVED

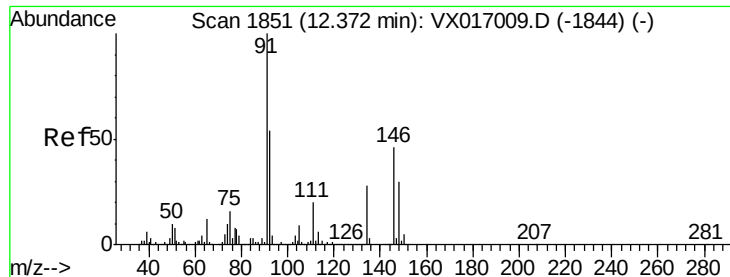
MMDadoda
 7/10/2020 12:37:06 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.354 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	66.8	31.9	95.7





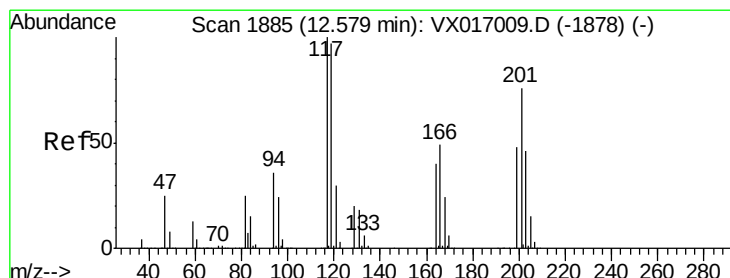
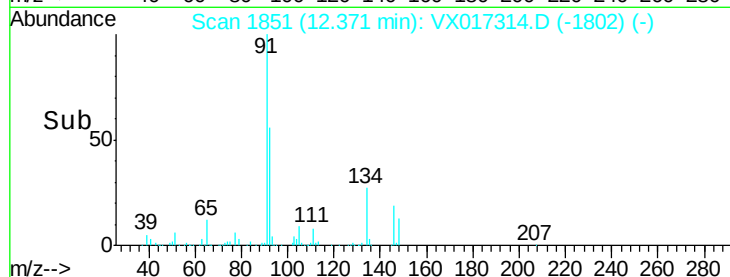
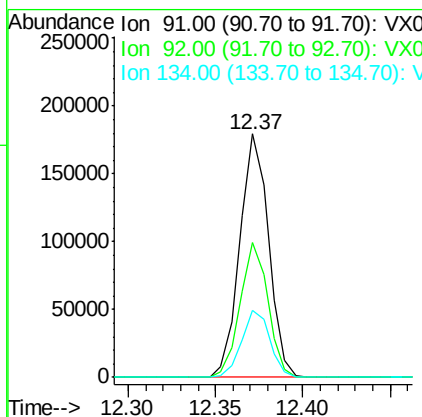
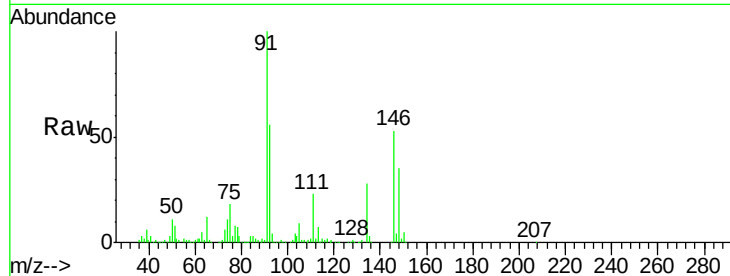
#89
n-Butylbenzene
Concen: 17.322 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.2	81.6
134	27.1	13.6	40.7

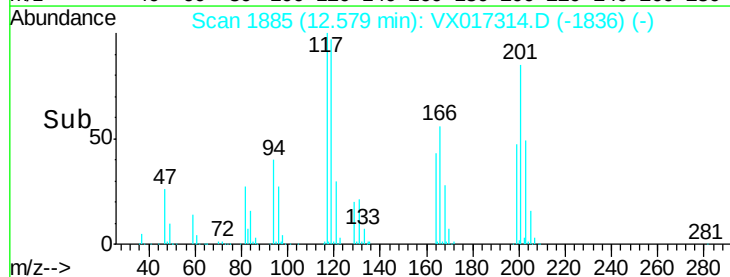
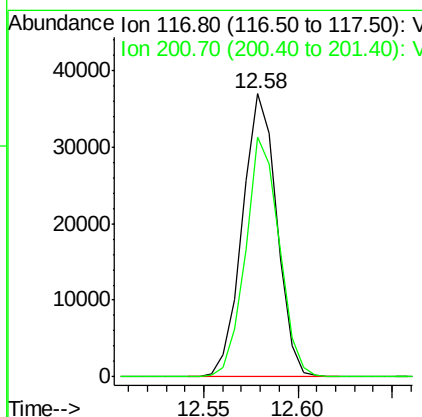
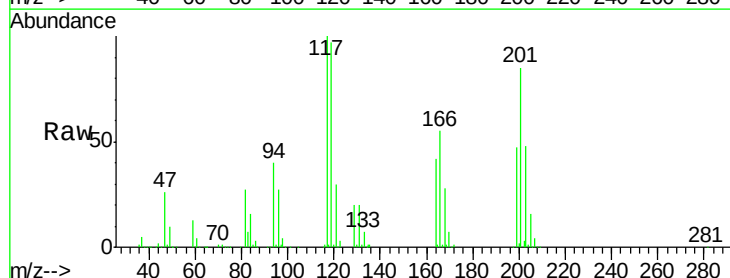
Manual Integrations
APPROVED

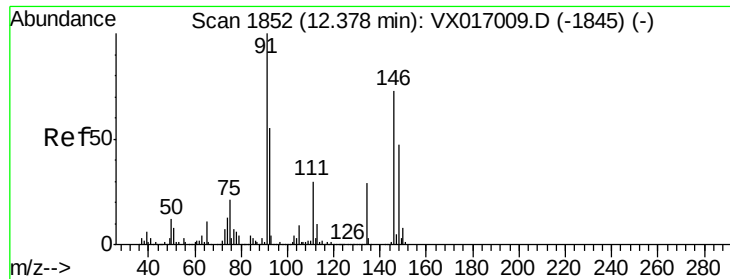
MMDadoda
7/10/2020 12:37:06 PM



#90
Hexachloroethane
Concen: 17.822 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	39.4	118.2





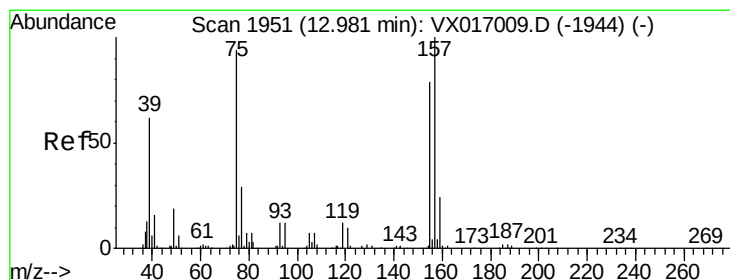
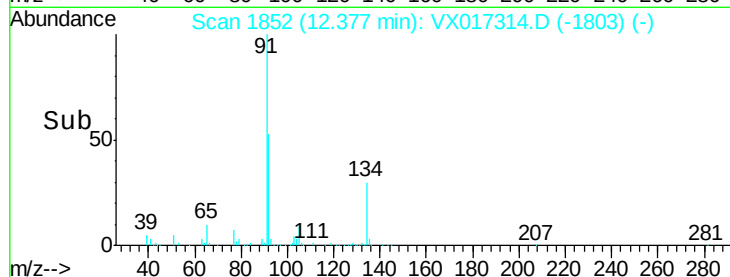
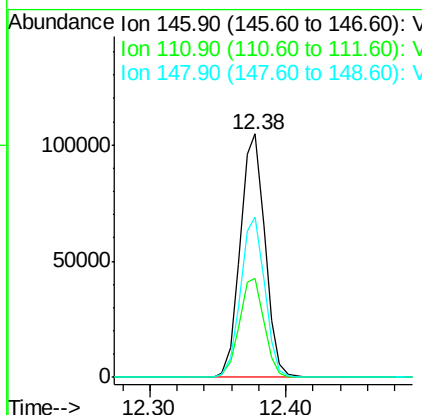
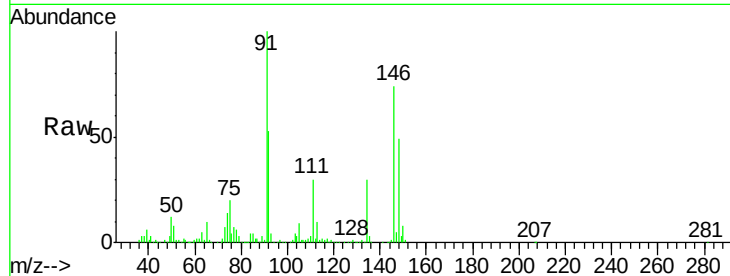
#91
 1,2-Dichlorobenzene
 Concen: 19.002 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132088		
111	40.9	20.6	61.9	
148	64.6	32.4	97.2	

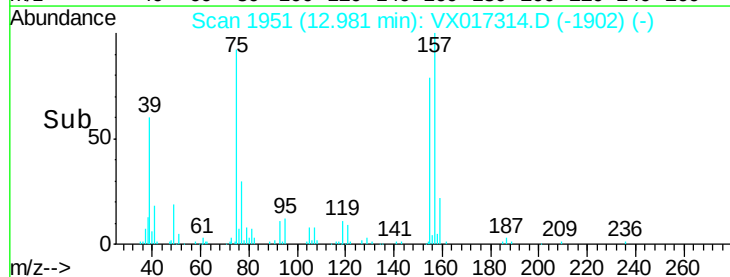
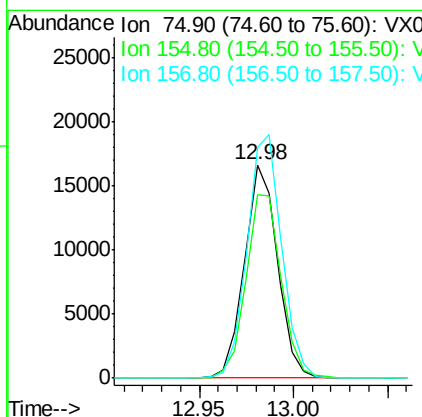
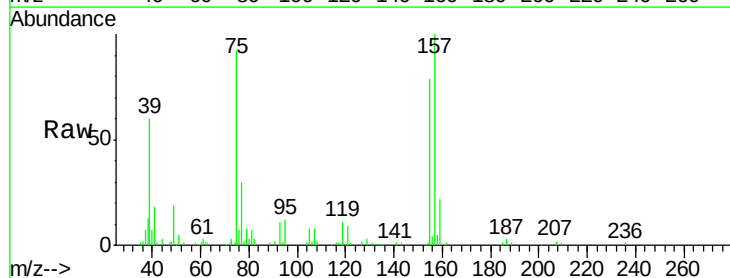
Manual Integrations
 APPROVED

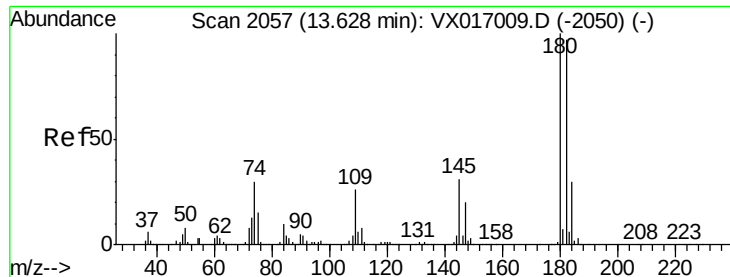
MMDadoda
 7/10/2020 12:37:06 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.152 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20293		
155	91.2	45.1	135.2	
157	119.0	56.5	169.3	





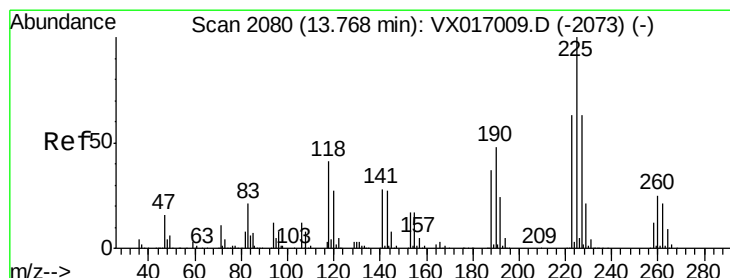
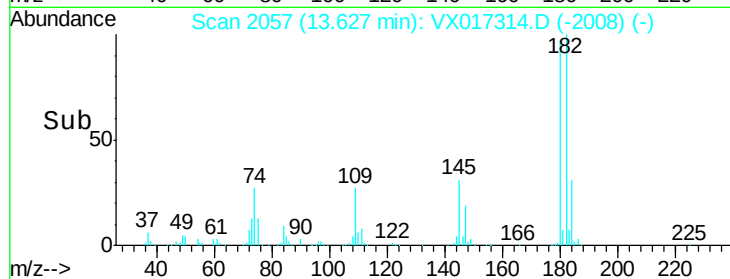
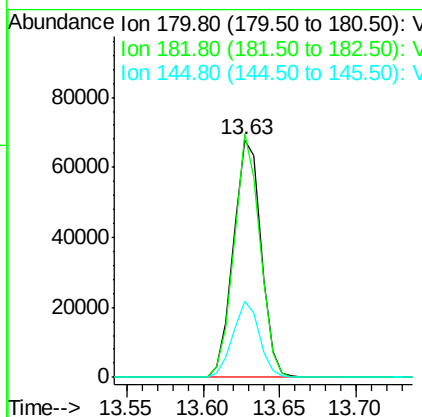
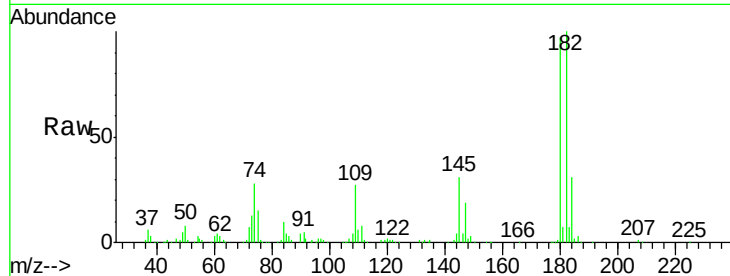
#93
 1,2,4-Trichlorobenzene
 Concen: 17.894 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	84901		
182	96.1	47.3	141.9	
145	30.9	15.4	46.2	

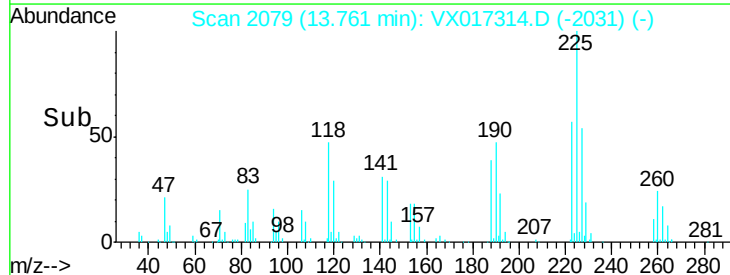
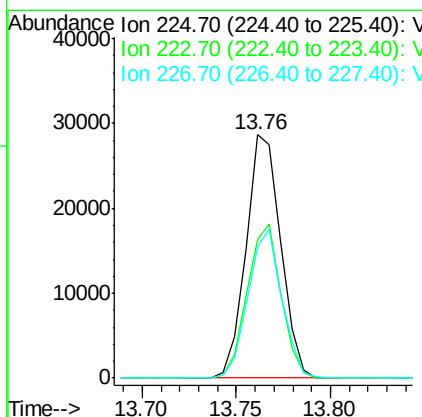
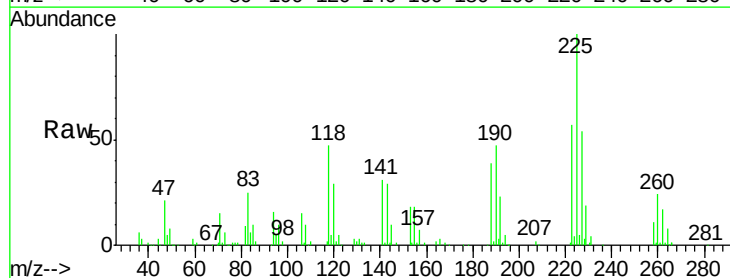
Manual Integrations
 APPROVED

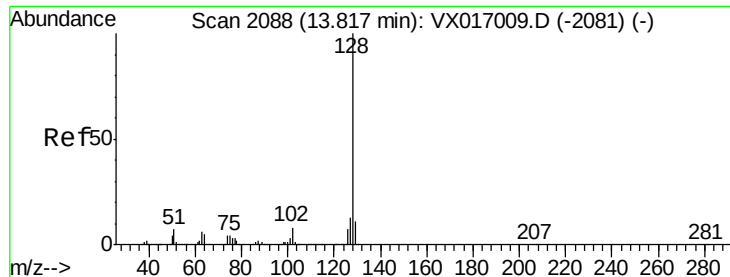
MMDadoda
 7/10/2020 12:37:06 PM



#94
 Hexachlorobutadiene
 Concen: 20.732 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017314.D
 Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36426		
223	61.8	32.5	97.5	
227	59.5	33.1	99.2	





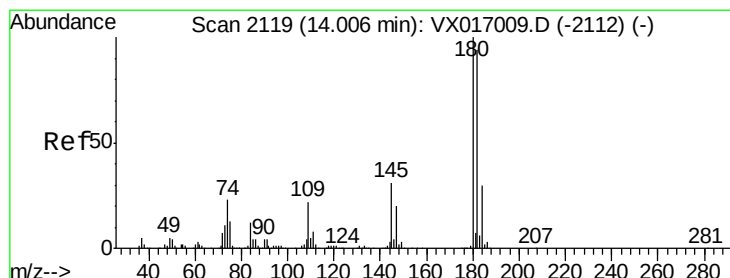
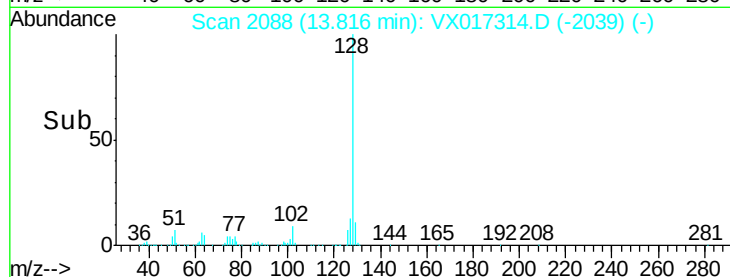
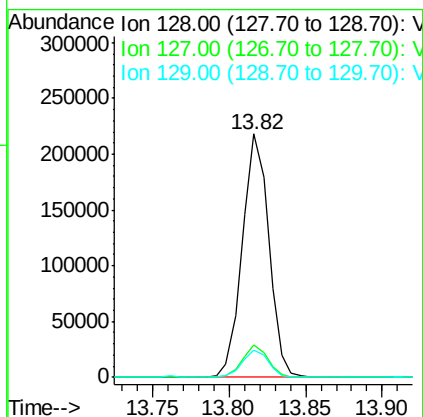
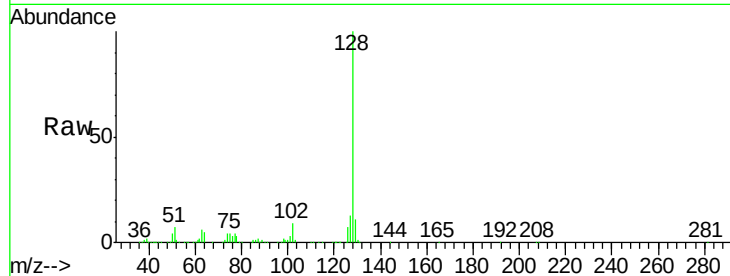
#95
Naphthalene
Concen: 18.261 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.063 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017314.D
Acq: 09 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.1	141.4
145	33.7	16.6	49.7

