

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018254.D
 Acq On : 04 Sep 2020 12:36
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:17:20 PM

Quant Time: Sep 05 06:43:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	91406	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	472640	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	446480	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	214547	29.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.17%
60) 4-Bromofluorobenzene	11.12	95	235925	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.70	98	597880	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	92943	19.216	ug/l 94
3) Chloromethane	1.31	50	99750	19.415	ug/l 96
4) Vinyl Chloride	1.39	62	102742	18.992	ug/l 97
5) Bromomethane	1.64	94	75600	20.539	ug/l 90
6) Chloroethane	1.72	64	60860	18.509	ug/l 98
7) Trichlorofluoromethane	1.92	101	176837	19.288	ug/l 98
8) Diethyl Ether	2.17	74	53644	18.560	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90924	19.411	ug/l 99
10) 1,1-Dichloroethene	2.36	96	89020	19.360	ug/l 96
11) Methyl Iodide	2.50	142	78637	18.848	ug/l 98
12) Methyl Acetate	2.75	43	116246	19.206	ug/l 95
13) Acrolein	2.28	56	40744	83.410	ug/l 96
14) Acrylonitrile	3.12	53	256374	93.479	ug/l 99
15) Acetone	2.42	58	71925	96.457	ug/l 86
16) Carbon Disulfide	2.55	76	257490	19.232	ug/l 99
17) Allyl chloride	2.71	41	153032	18.620	ug/l 96
18) Methylene Chloride	2.84	84	100788	18.676	ug/l 92
19) trans-1,2-Dichloroethene	3.14	96	98483	19.291	ug/l 96
20) Diisopropyl ether	3.82	45	309341	19.013	ug/l 91
21) 1,1-Dichloroethane	3.67	63	179290	19.198	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	108050	19.129	ug/l 96
23) tert-Butyl Alcohol	3.01	59	108720	91.478	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	311265	19.041	ug/l 100
25) Chloroform	5.18	83	189530	19.016	ug/l 97
26) Cyclohexane	5.54	56	144466	19.165	ug/l # 51
29) 1,1-Dichloropropene	5.77	75	140687	19.500	ug/l 99
30) 2-Butanone	4.64	43	367113	92.931	ug/l 99
31) 2,2-Dichloropropane	4.55	77	170096	19.518	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	179508	19.009	ug/l 97
33) Carbon Tetrachloride	5.76	117	164765	18.724	ug/l 96
34) Benzene	6.11	78	378129	18.361	ug/l 97
35) Methacrylonitrile	5.00	41	77512	18.619	ug/l 95
36) 1,2-Dichloroethane	6.17	62	159910	18.762	ug/l # 100
37) Trichloroethene	7.19	130	115347	19.369	ug/l 99
38) Methylcyclohexane	7.44	83	147996	19.258	ug/l 97
39) 1,2-Dichloropropane	7.49	63	100122	18.151	ug/l 96
40) Dibromomethane	7.63	93	74718	18.758	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018254.D
 Acq On : 04 Sep 2020 12:36
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 ICSVX090420

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:17:20 PM

Quant Time: Sep 05 06:43:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	153847	18.636	ug/l	97
42) Vinyl Acetate	3.79	43	1395318	94.672	ug/l	100
43) Ethyl Acetate	4.79	43	137356	17.486	ug/l	99
44) Isopropyl Acetate	6.41	43	229551	18.133	ug/l	97
45) 1,4-Dioxane	7.71	88	38265	361.818	ug/l #	88
46) Methyl methacrylate	7.75	41	112343	18.032	ug/l	95
47) n-amyl Acetate	10.88	43	201579	18.122	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	169449	19.108	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	173962	18.674	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	103372	18.624	ug/l	99
51) Ethyl methacrylate	9.16	69	142639	17.740	ug/l	99
52) 1,3-Dichloropropane	9.35	76	169292	18.376	ug/l	97
53) Dibromochloromethane	9.57	129	127267	18.441	ug/l	94
54) 1,2-Dibromoethane	9.65	107	113720	18.677	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	401353	95.590	ug/l	99
56) Bromoform	10.84	173	95959	18.300	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	717946	93.490	ug/l	99
59) 2-Hexanone	9.47	43	549832	94.527	ug/l	99
61) Tetrachloroethene	9.32	164	107969	19.390	ug/l	89
62) Toluene	8.77	91	432267	19.238	ug/l	99
64) Chlorobenzene	10.12	112	272040	18.840	ug/l	93
65) 1,1,1,2-Tetrachloroethane	10.20	131	110516	18.898	ug/l	98
66) Ethyl Benzene	10.24	91	475897	19.168	ug/l	98
67) m/p-Xylenes	10.34	106	368003	38.758	ug/l	99
68) o-Xylene	10.68	106	172646	19.244	ug/l	97
69) Styrene	10.70	104	296579	18.948	ug/l	99
70) Isopropylbenzene	11.00	105	474082	19.002	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	152663	18.725	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	149595m	19.097	ug/l	
73) Bromobenzene	11.24	156	127124	18.599	ug/l	99
74) n-propylbenzene	11.34	91	558640	19.016	ug/l	98
75) 2-Chlorotoluene	11.40	91	339796	19.083	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	419035	19.279	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	56850	18.675	ug/l	92
78) 4-Chlorotoluene	11.49	91	408518	19.233	ug/l	100
79) tert-butylbenzene	11.76	119	388835	18.571	ug/l	96
80) 1,2,4-Trimethylbenzene	11.79	105	421515	19.608	ug/l	99
81) sec-Butylbenzene	11.93	105	464448	18.991	ug/l	99
82) p-Isopropyltoluene	12.05	119	438671	19.238	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	241959	19.798	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	234681	19.205	ug/l	97
85) n-Butylbenzene	12.37	91	381520	19.004	ug/l	99
86) Hexachloroethane	12.58	117	83034	18.495	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	227062	19.841	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	38831	18.617	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	155372	20.068	ug/l	98
90) Hexachlorobutadiene	13.77	225	69066	21.090	ug/l	98
91) Naphthalene	13.82	128	447429	18.517	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	149659	19.539	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
Data File : VX018254.D
Acq On : 04 Sep 2020 12:36
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

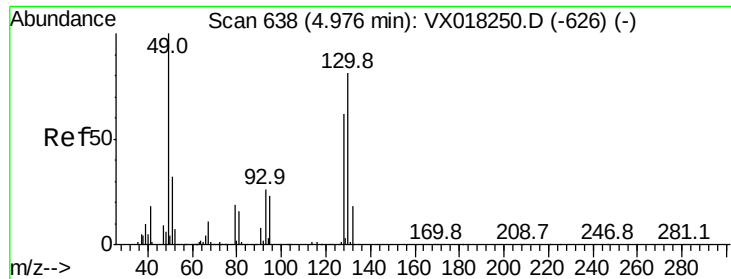
Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM

Quant Time: Sep 05 06:43:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

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

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



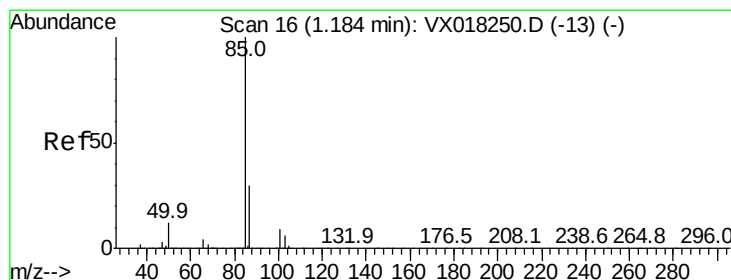
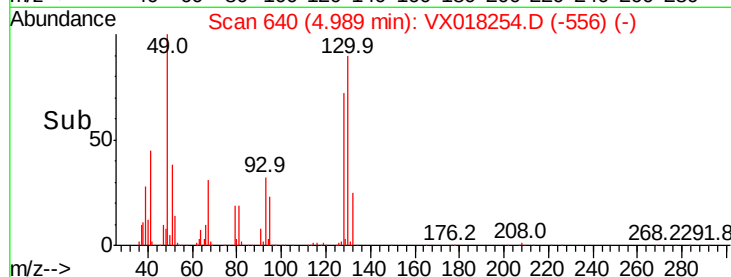
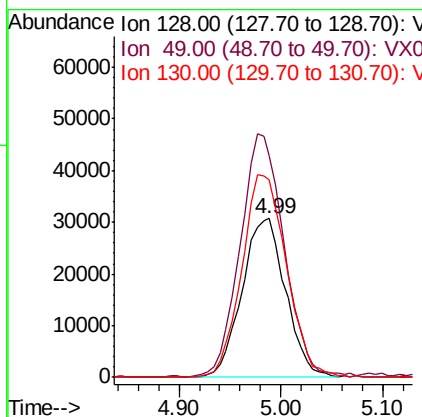
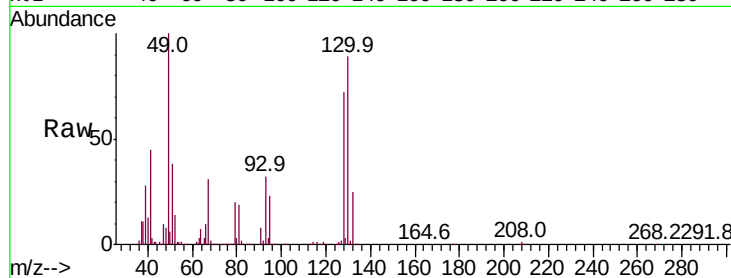
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Tot Ion	Ratio	Lower	Upper
128	100		
49	152.1	0.0	392.0
130	130.7	0.0	320.2

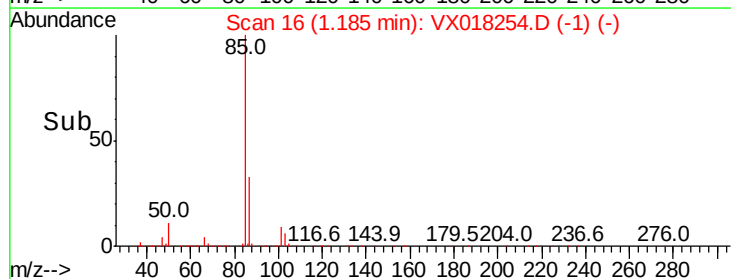
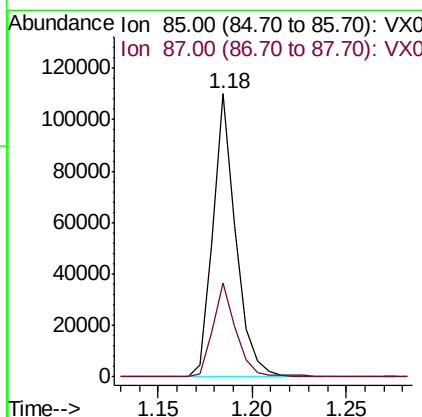
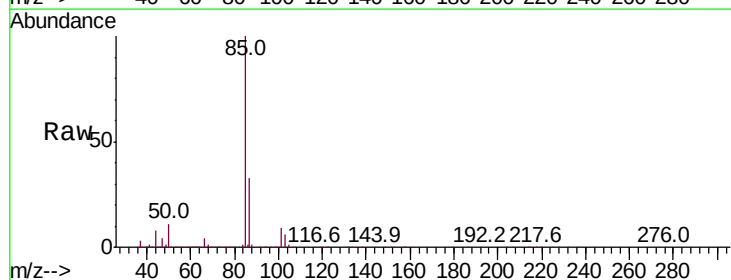
Manual Integrations
 APPROVED

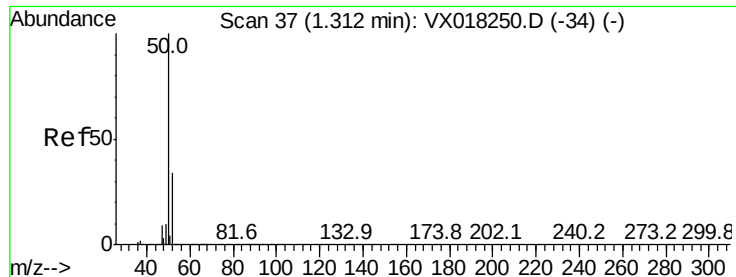
MMDadoda
 9/8/2020 5:17:20 PM



#2
 Dichlorodifluoromethane
 Concen: 19.216 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	15.1	45.3





#3

Chloromethane

Concen: 19.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion: 50 Resp: 99750

Ion Ratio Lower Upper

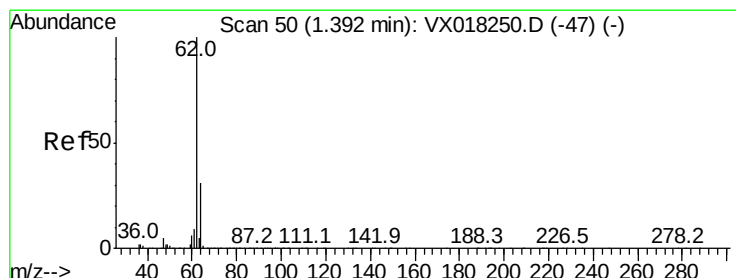
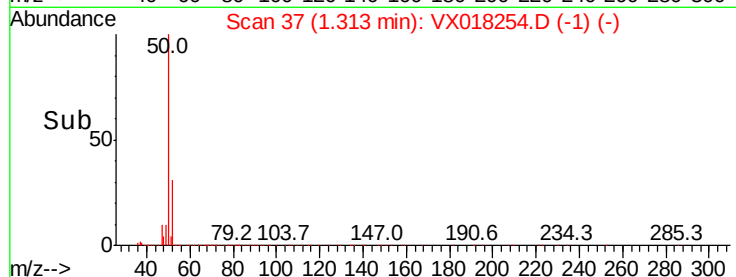
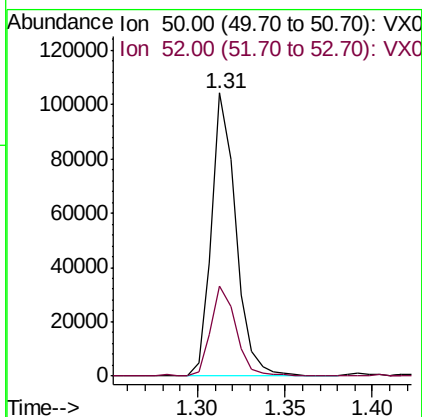
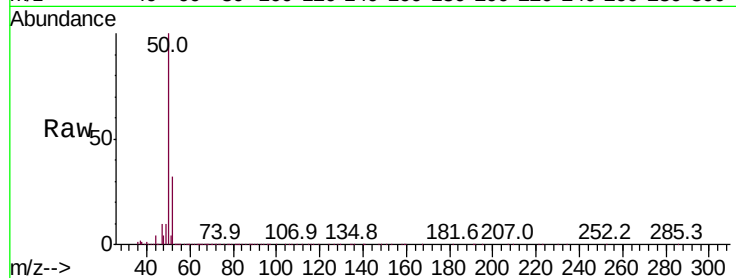
50 100

52 31.5 27.1 40.7

Manual Integrations
APPROVED

MMDadoda

9/8/2020 5:17:20 PM



#4

Vinyl Chloride

Concen: 18.992 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018254.D

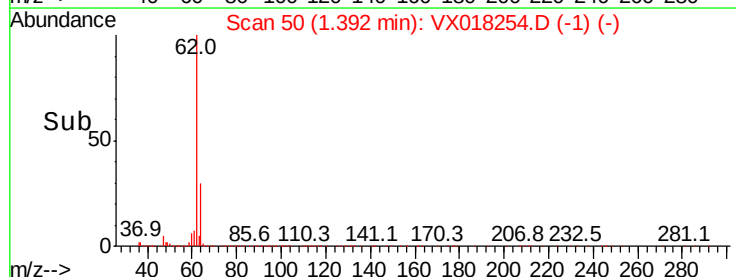
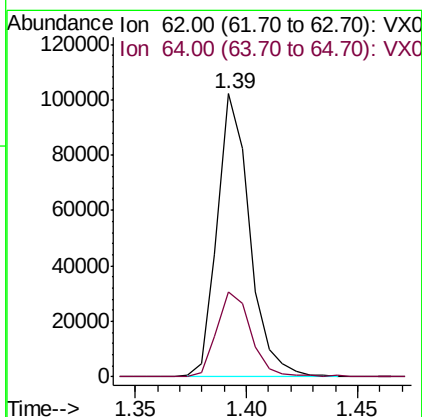
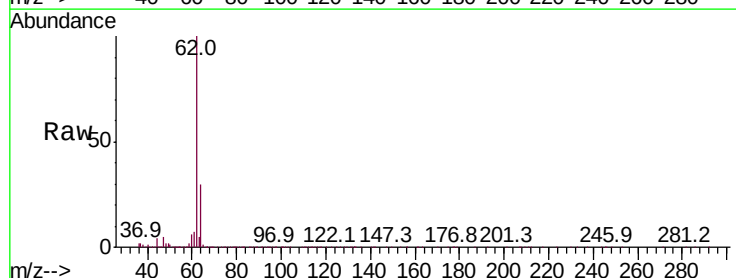
Acq: 04 Sep 2020 12:36

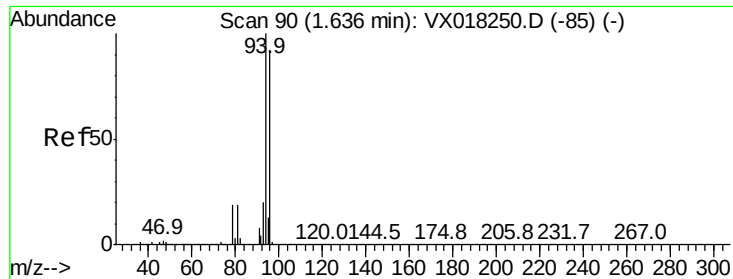
Tgt Ion: 62 Resp: 102742

Ion Ratio Lower Upper

62 100

64 30.1 25.2 37.8





#5

Bromomethane

Concen: 20.539 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion: 94 Resp: 75600

Ion Ratio Lower Upper

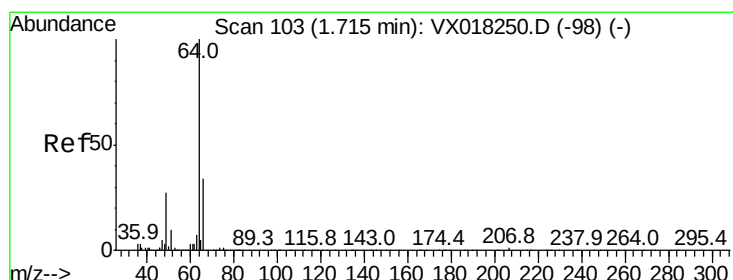
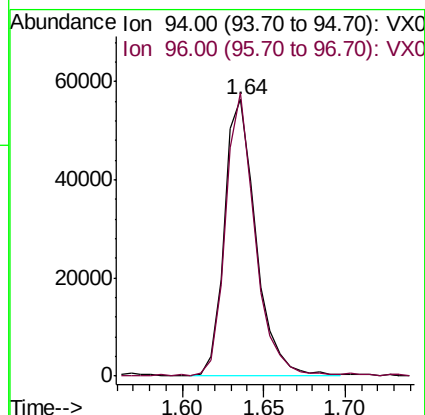
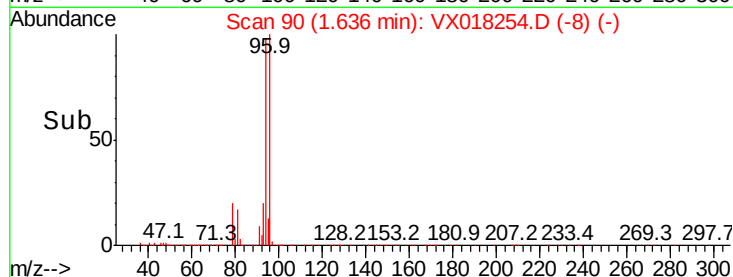
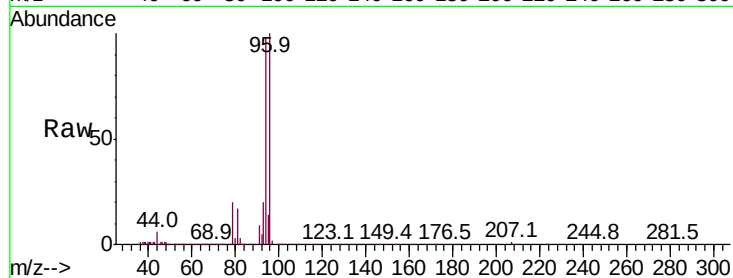
94 100

96 102.2 73.9 110.9

Manual Integrations
APPROVED

MMDadoda

9/8/2020 5:17:20 PM



#6

Chloroethane

Concen: 18.509 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018254.D

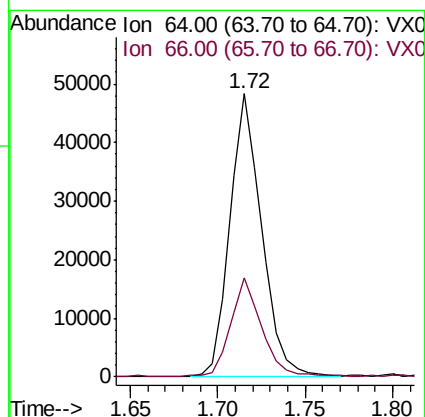
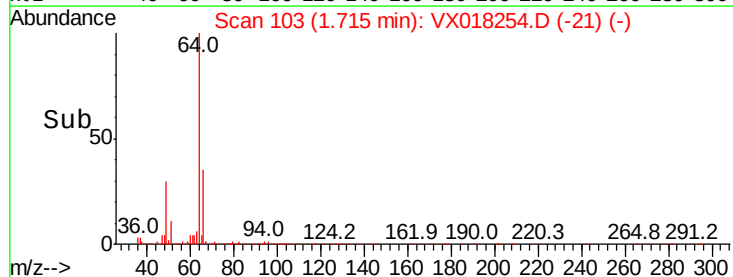
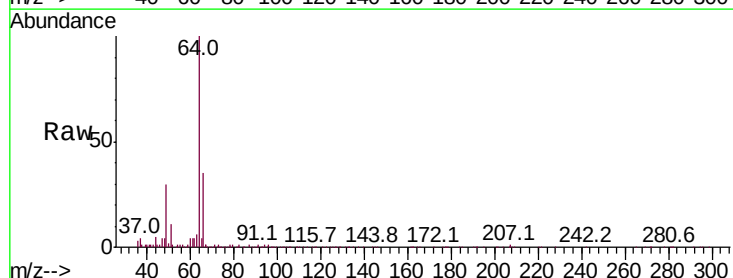
Acq: 04 Sep 2020 12:36

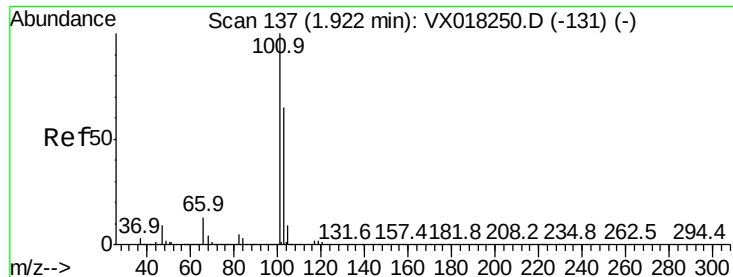
Tgt Ion: 64 Resp: 60860

Ion Ratio Lower Upper

64 100

66 34.7 27.0 40.4





#7

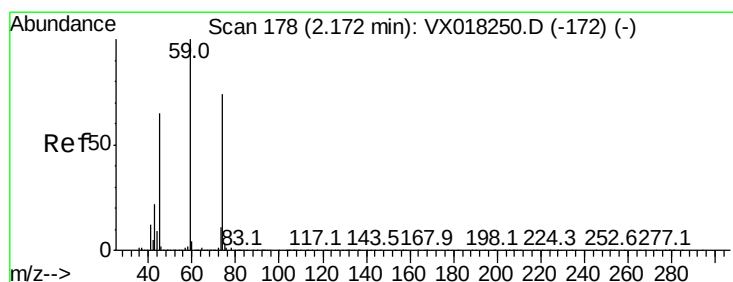
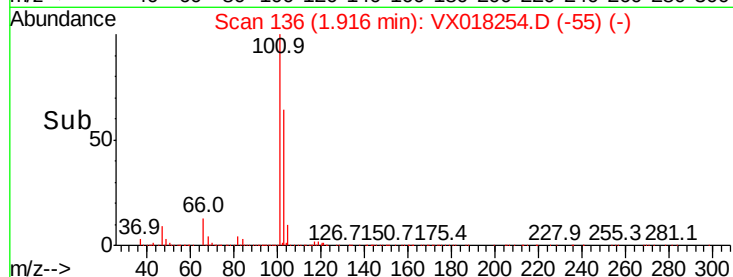
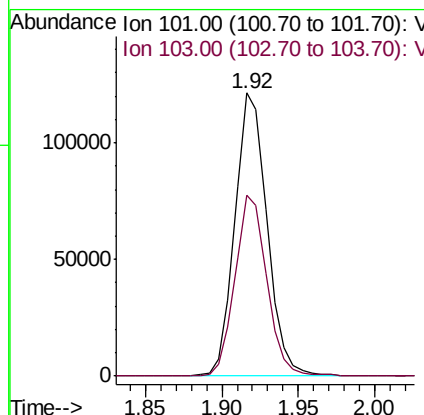
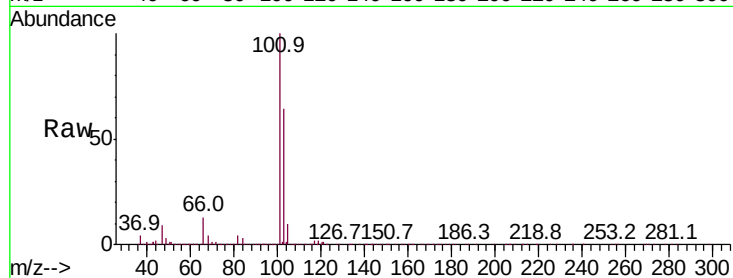
Trichlorofluoromethane
Concen: 19.288 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
101	100	176837		
103	64.0	52.3	78.5	

Manual Integrations
APPROVED

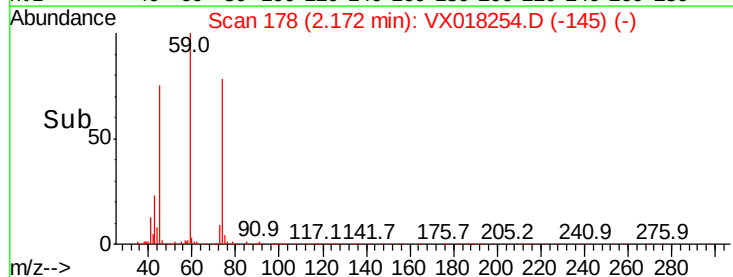
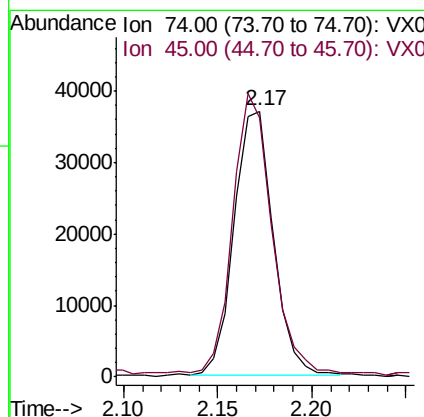
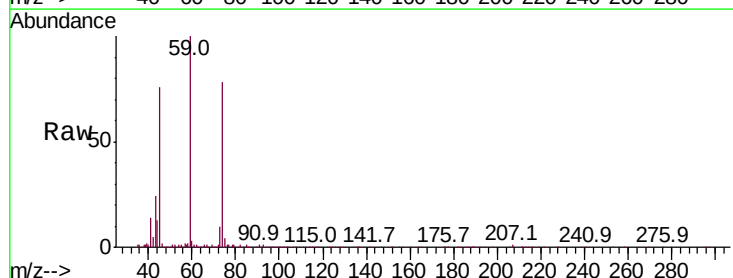
MMDadoda
9/8/2020 5:17:20 PM

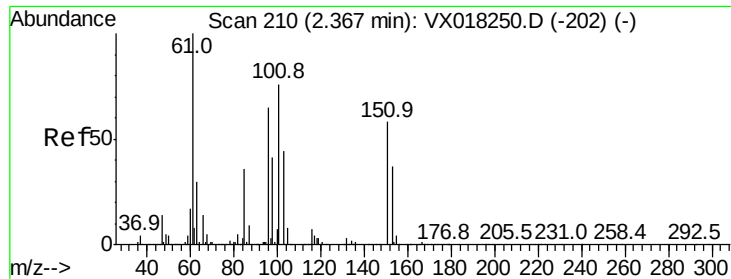


#8

Diethyl Ether
Concen: 18.560 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	53644		
45	106.4	20.5	184.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.411 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

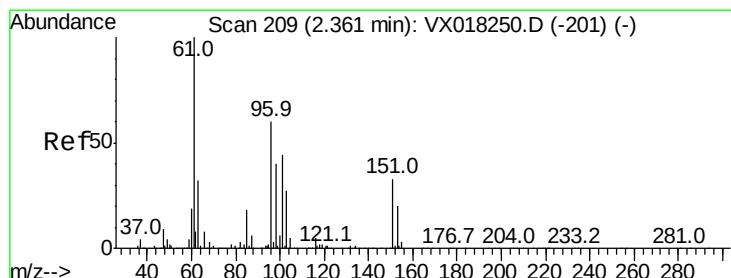
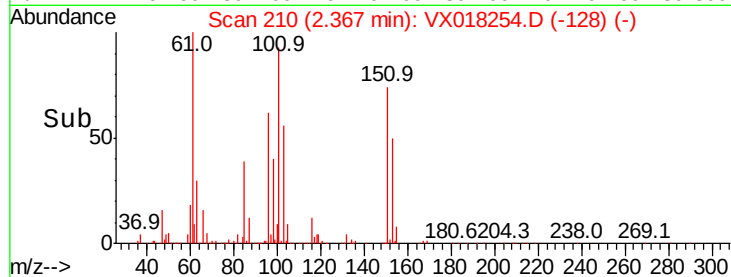
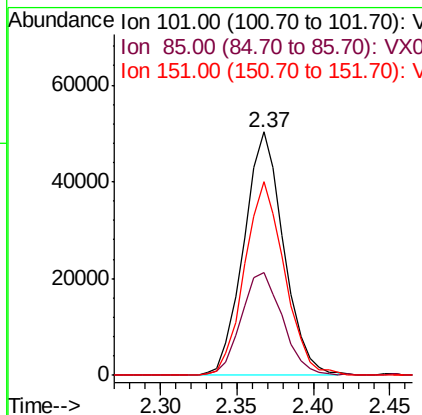
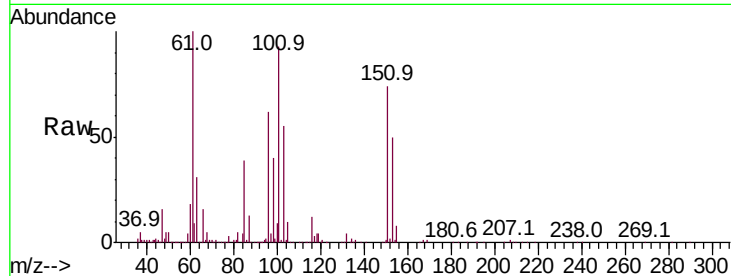
ClientSampleId :

ICVVX090420

Tot Ion:	101	Resp:	90924
Ion Ratio	Lower	Upper	
101	100		
85	44.0	0.0	87.8
151	80.0	0.0	161.4

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#10

1,1-Dichloroethene

Concen: 19.360 ug/l

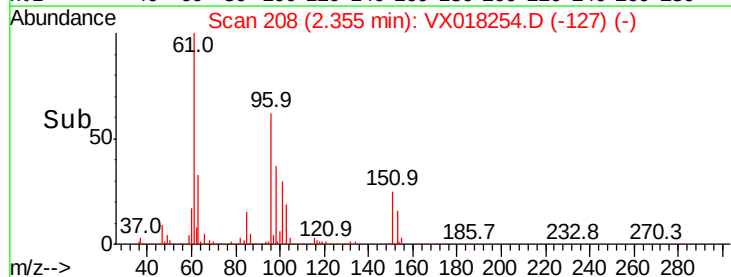
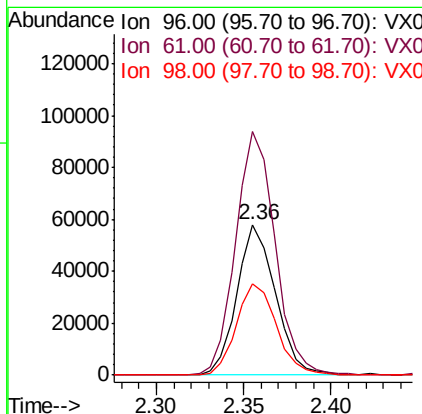
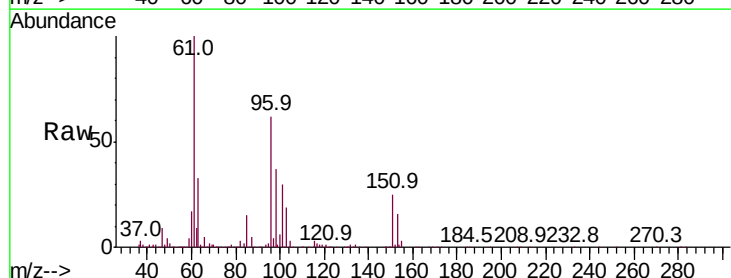
RT: 2.36 min Scan# 208

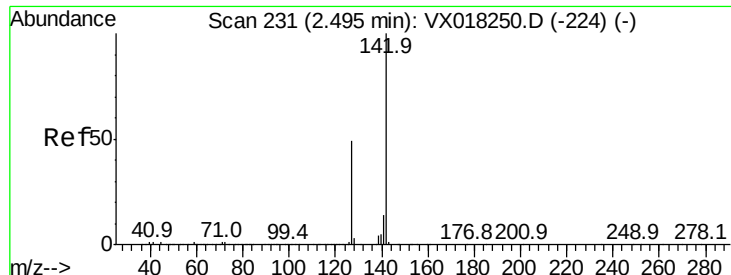
Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	96	Resp:	89020
Ion Ratio	Lower	Upper	
96	100		
61	161.7	132.5	198.7
98	60.4	52.4	78.6





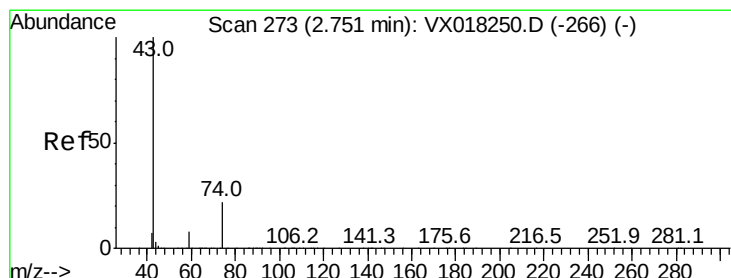
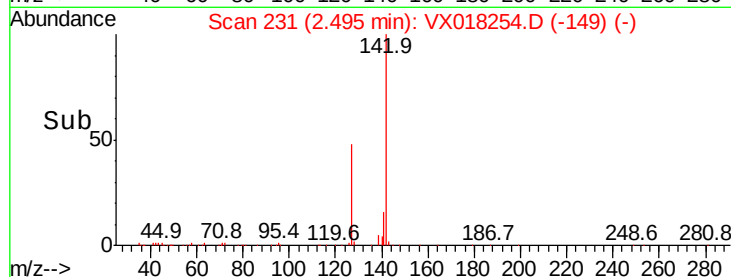
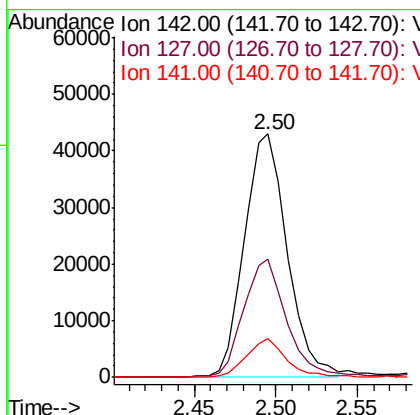
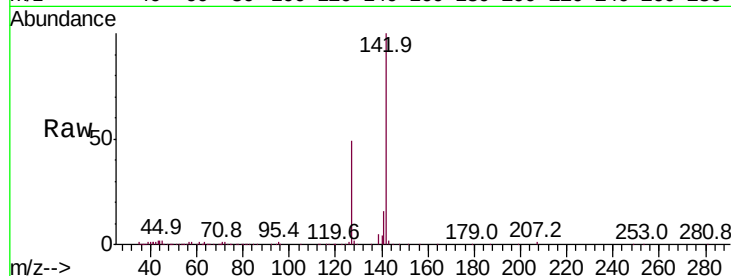
#11
Methyl Iodide
Concen: 18.848 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.3	24.6	74.0
141	15.8	7.0	21.0

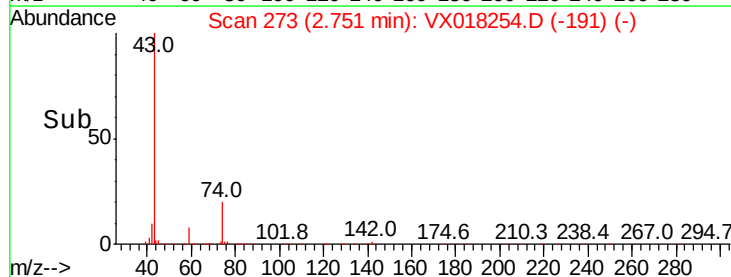
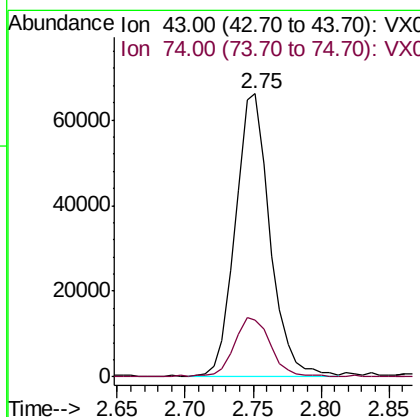
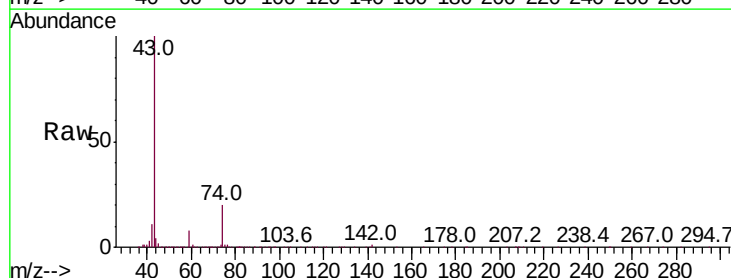
Manual Integrations
APPROVED

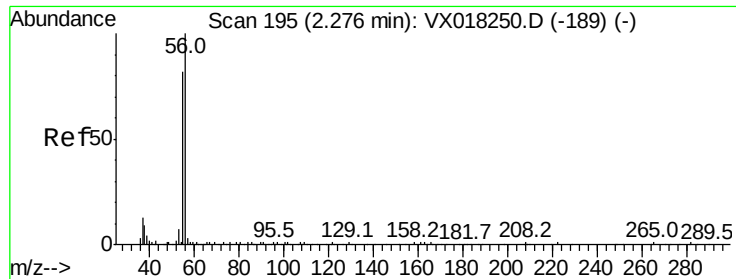
MMDadoda
9/8/2020 5:17:20 PM



#12
Methyl Acetate
Concen: 19.206 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	18.0	27.0





#13

Acrolein

Concen: 83.410 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion: 56 Resp: 40744

Ion Ratio Lower Upper

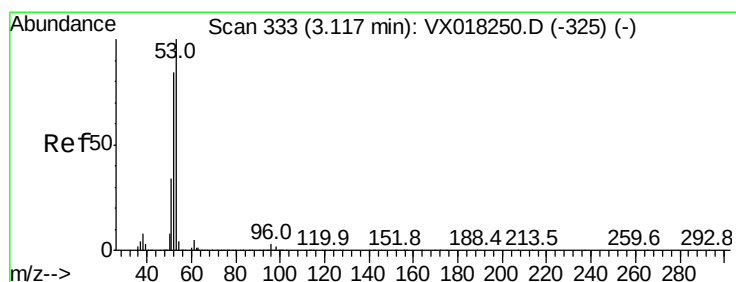
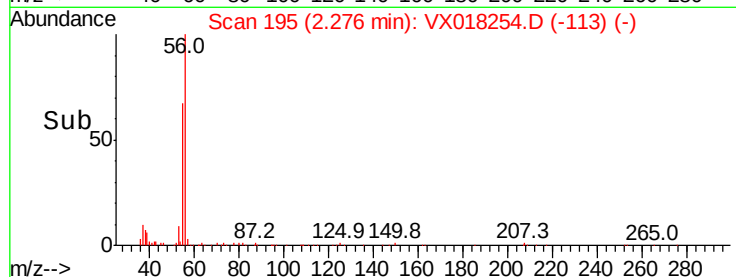
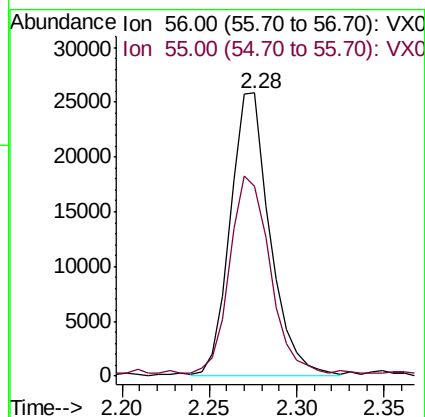
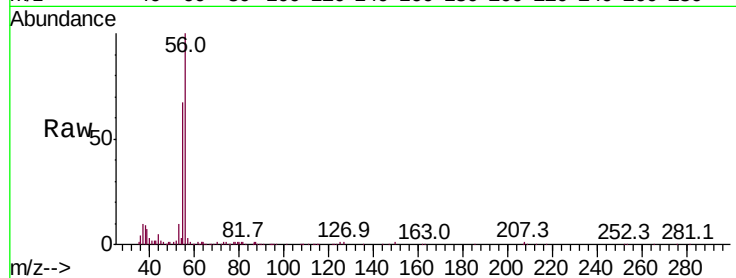
56 100

55 71.1 59.7 89.5

Manual Integrations
APPROVED

MMDadoda

9/8/2020 5:17:20 PM



#14

Acrylonitrile

Concen: 93.479 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

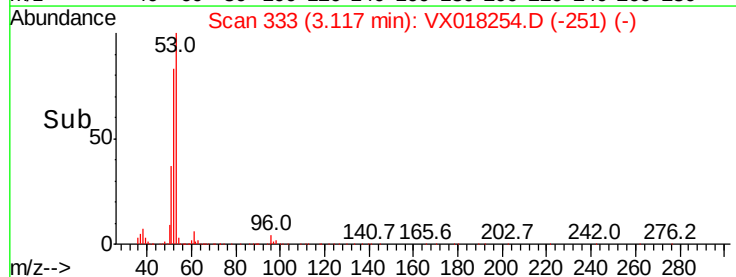
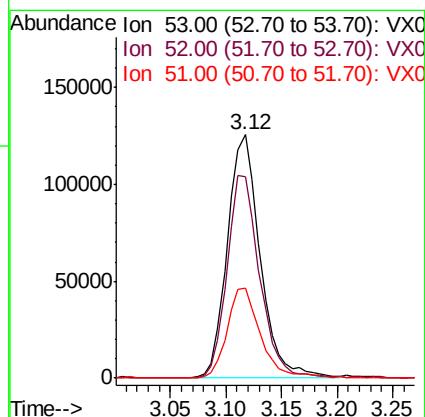
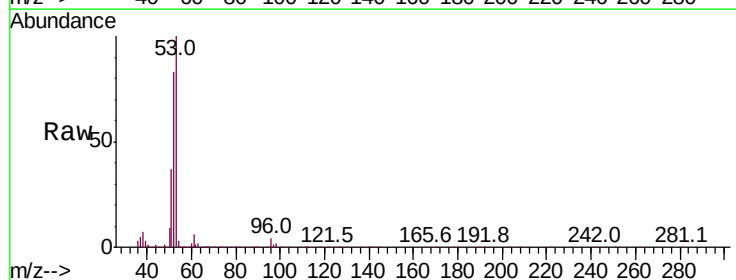
Tgt Ion: 53 Resp: 256374

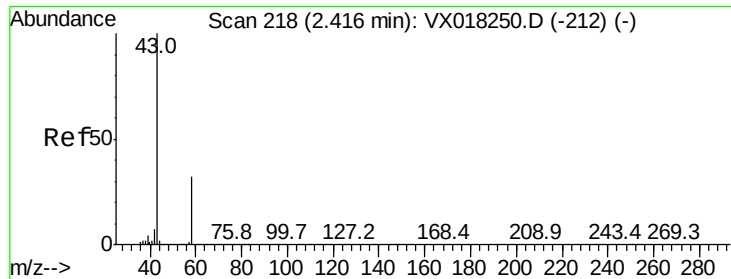
Ion Ratio Lower Upper

53 100

52 82.3 41.9 125.7

51 36.7 18.3 54.8





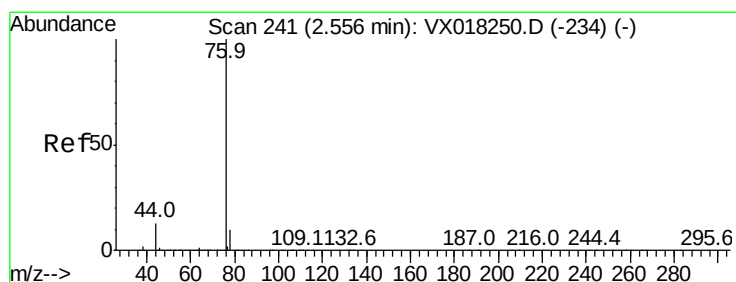
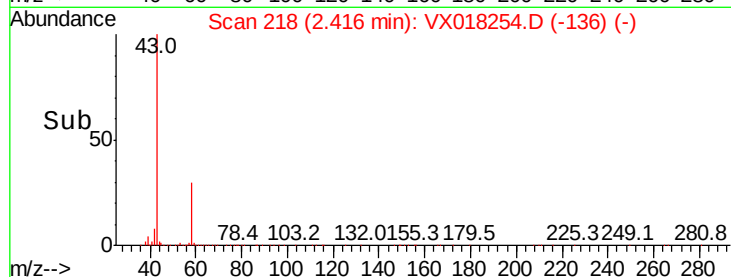
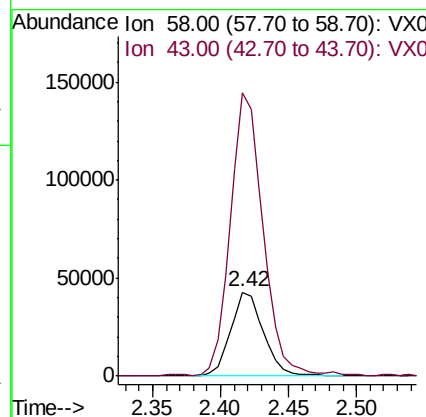
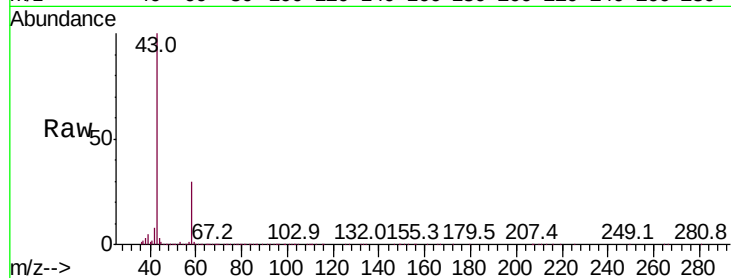
#15
Acetone
Concen: 96.457 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
58	100		
43	337.6	248.2	372.2

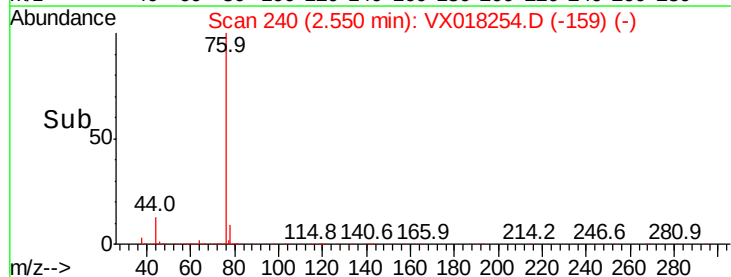
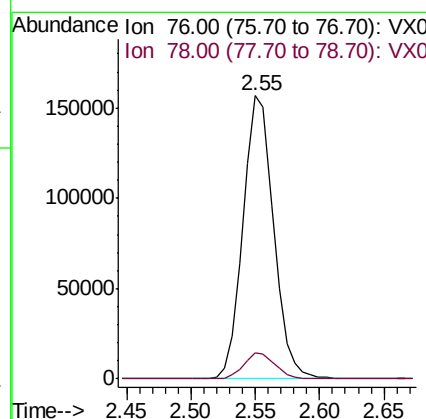
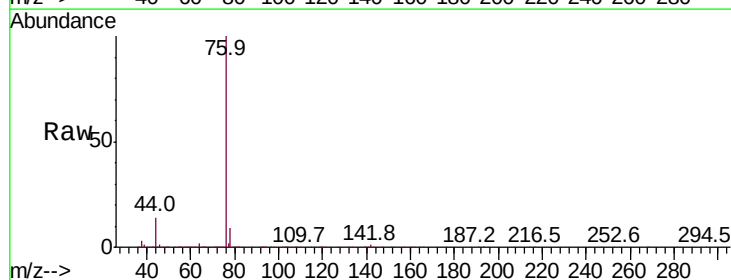
Manual Integrations
APPROVED

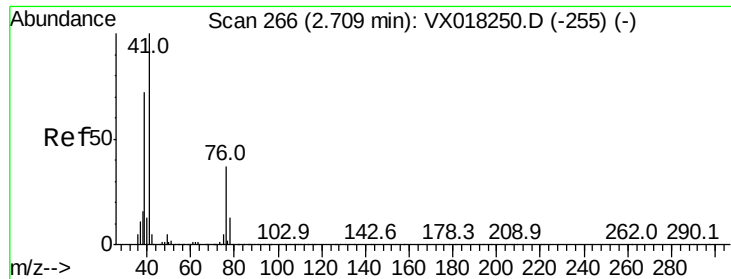
MMDadoda
9/8/2020 5:17:20 PM



#16
Carbon Disulfide
Concen: 19.232 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.8	11.6





#17

Allvl chloride

Concen: 18.620 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

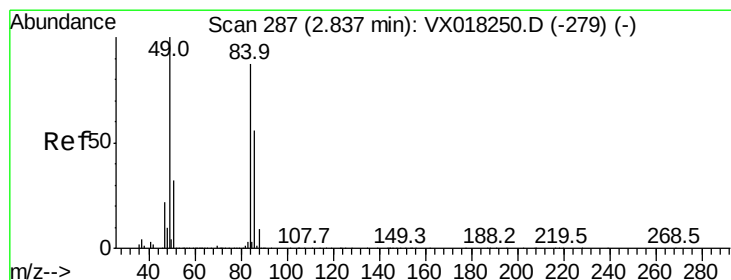
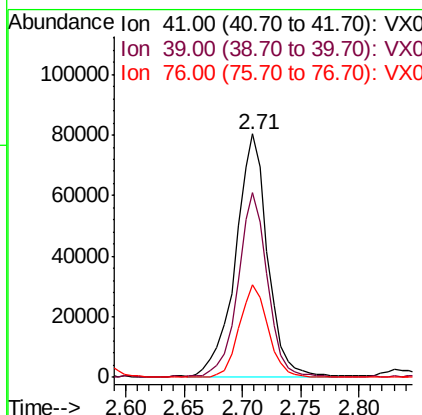
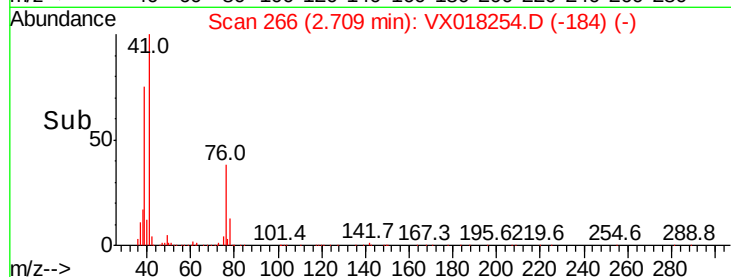
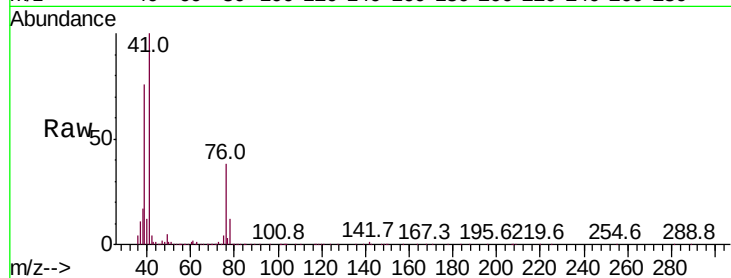
ClientSampleId :

ICVVX090420

Tot Ion:	41	Resp:	153032
Ion Ratio		Lower	Upper
41	100		
39	75.9	36.0	108.1
76	38.2	18.6	55.6

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#18

Methylene Chloride

Concen: 18.676 ug/l

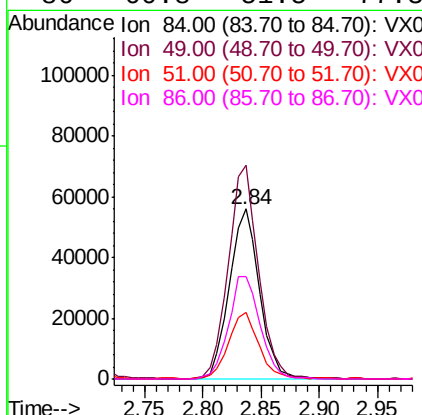
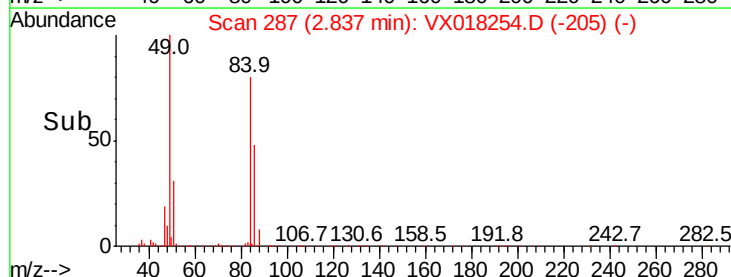
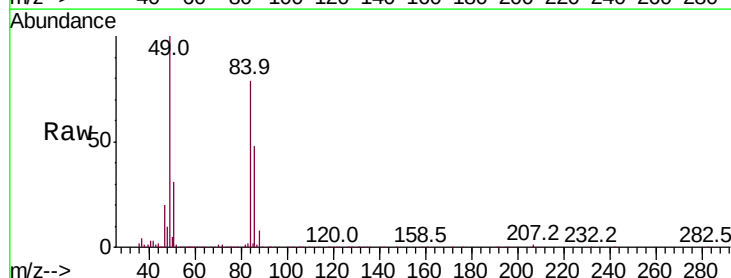
RT: 2.84 min Scan# 287

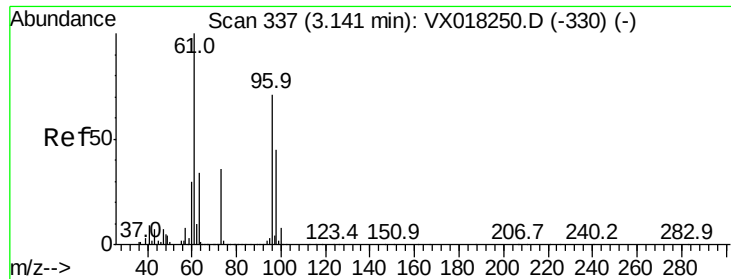
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	84	Resp:	100788
Ion Ratio		Lower	Upper
84	100		
49	125.8	91.6	137.4
51	39.1	29.4	44.0
86	60.8	51.5	77.3





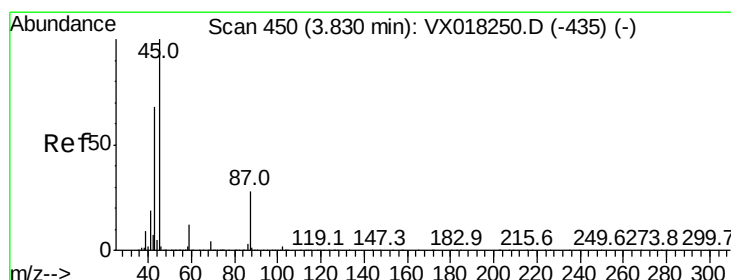
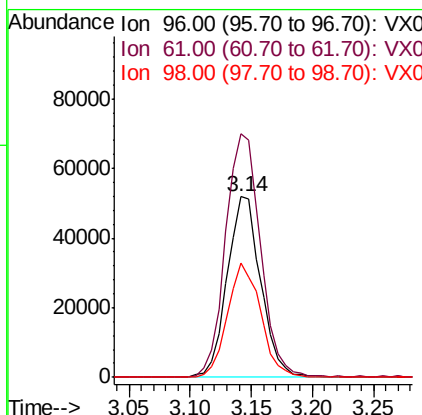
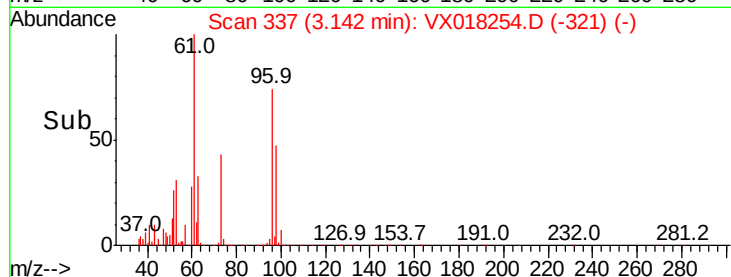
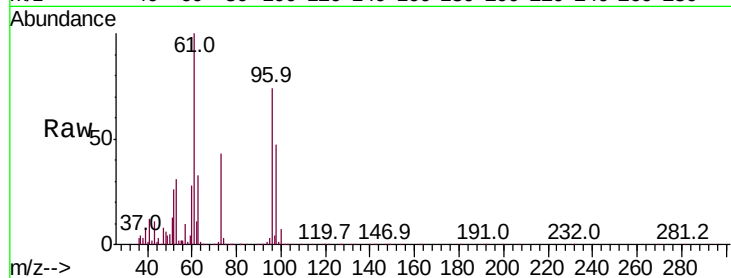
#19
trans-1,2-Dichloroethene
Concen: 19.291 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.8	112.8	169.2
98	63.8	51.0	76.4

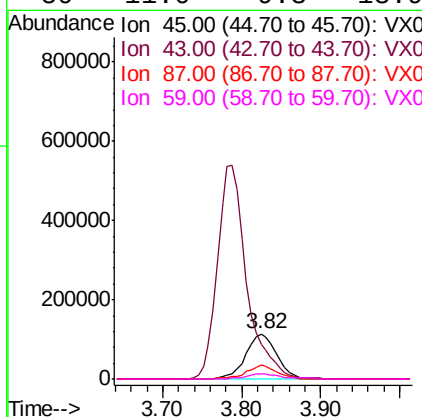
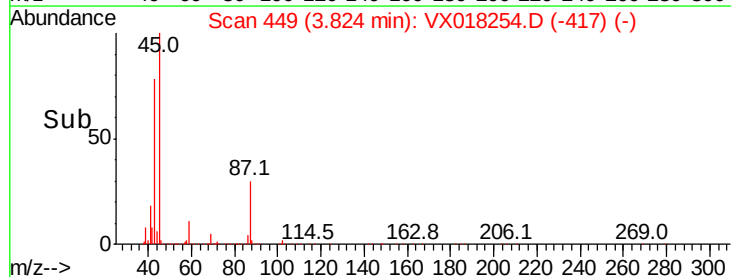
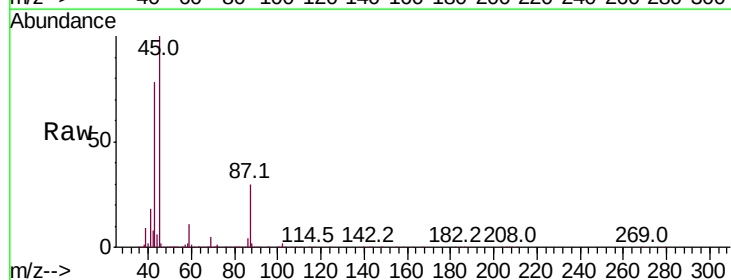
Manual Integrations
APPROVED

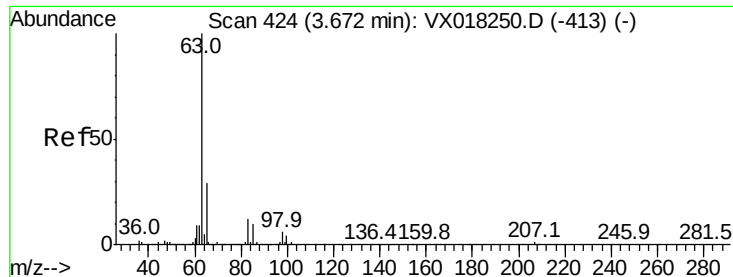
MMDadoda
9/8/2020 5:17:20 PM



#20
Diisopropyl ether
Concen: 19.013 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.7	54.5	81.7
87	30.1	22.2	33.2
59	11.0	9.3	13.9





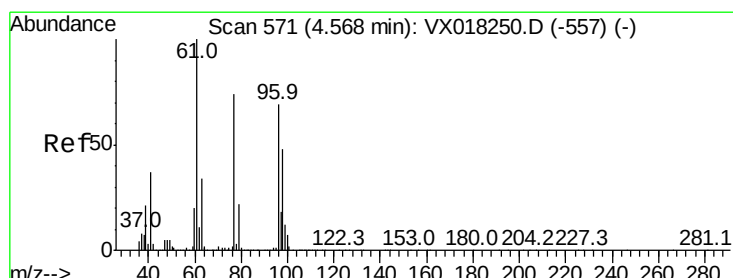
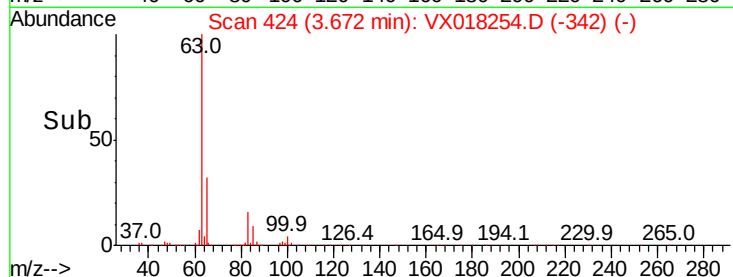
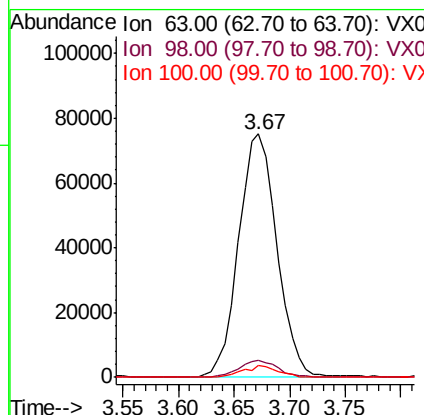
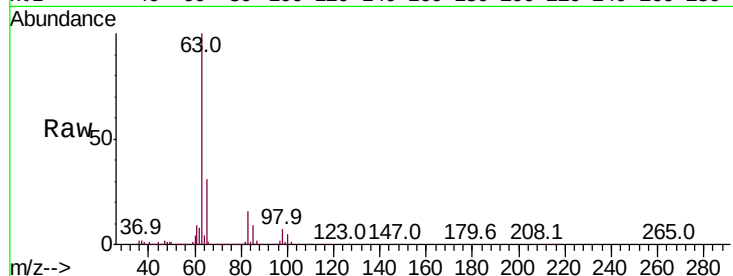
#21
1,1-Dichloroethane
Concen: 19.198 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
63	100	179290		
98	7.0	3.2	9.6	
100	5.1	2.1	6.3	

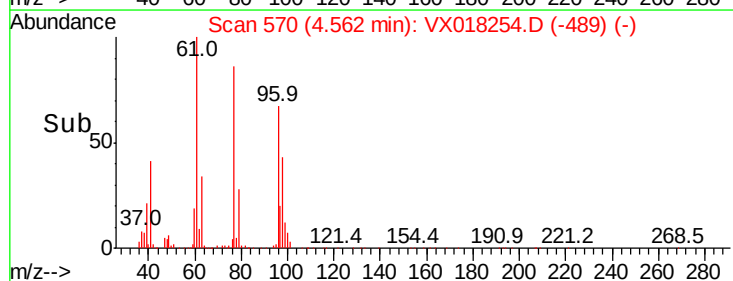
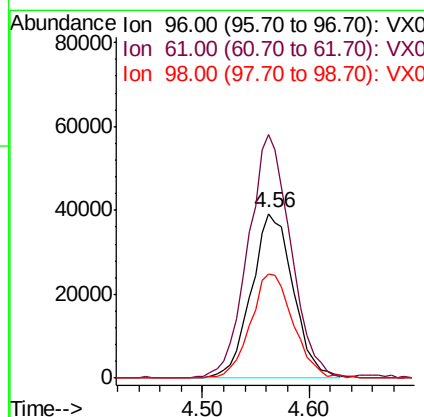
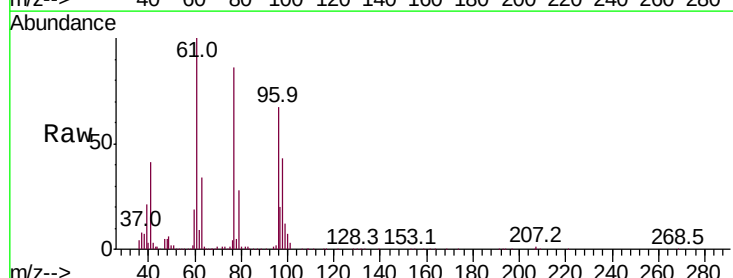
Manual Integrations
APPROVED

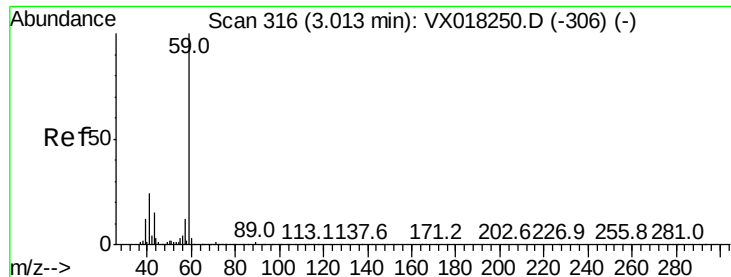
MMDadoda
9/8/2020 5:17:20 PM



#22
cis-1,2-Dichloroethene
Concen: 19.129 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	108050		
61	150.7	116.2	174.4	
98	63.6	52.5	78.7	





#23

tert-Butyl Alcohol

Concen: 91.478 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion: 59 Resp: 108720

Ion Ratio Lower Upper

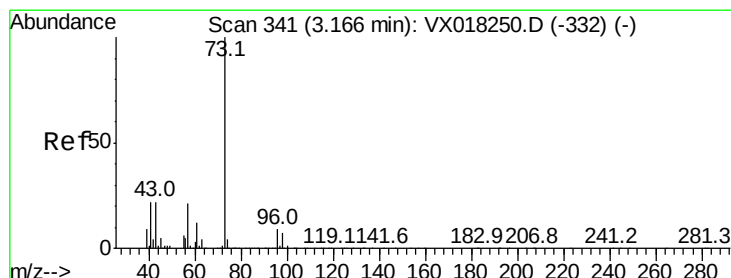
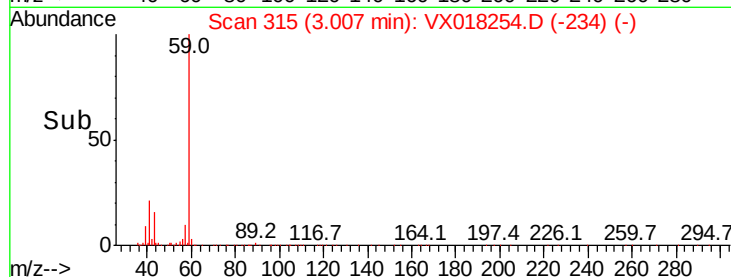
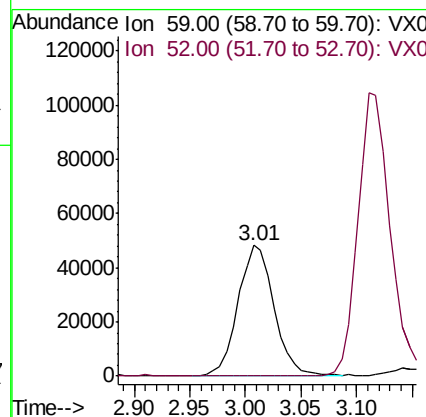
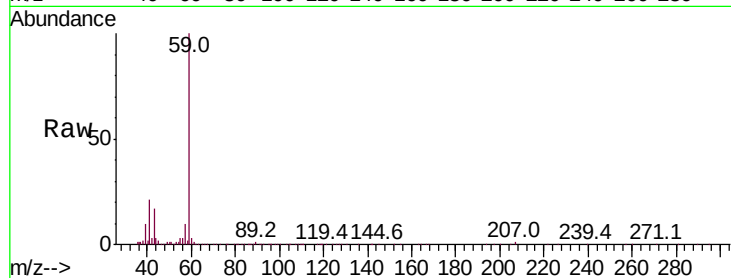
59 100

52 0.3 0.4 0.6#

Manual Integrations
APPROVED

MMDadoda

9/8/2020 5:17:20 PM



#24

Methyl tert-Butyl Ether

Concen: 19.041 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018254.D

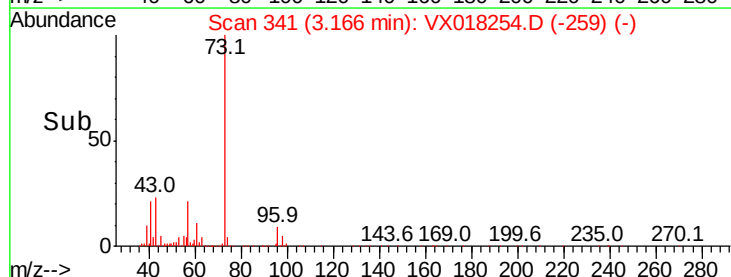
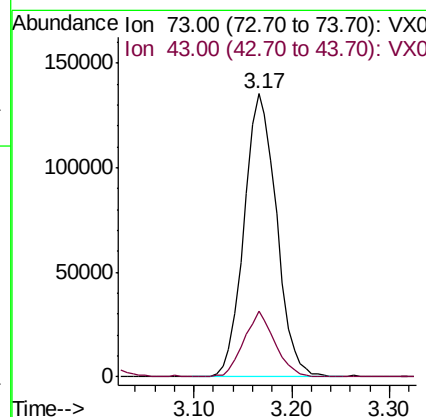
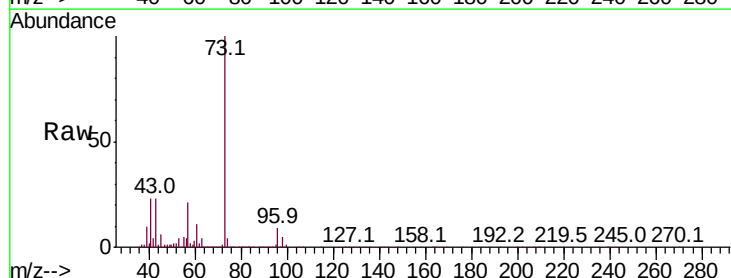
Acq: 04 Sep 2020 12:36

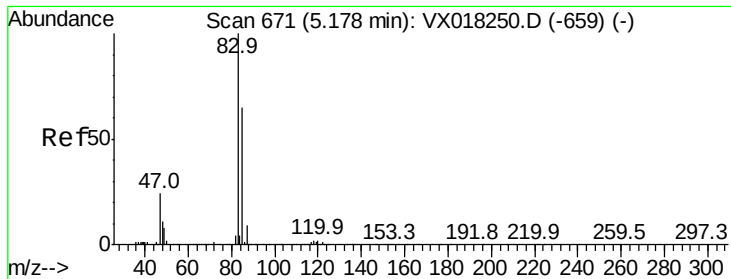
Tgt Ion: 73 Resp: 311265

Ion Ratio Lower Upper

73 100

43 22.1 17.8 26.6





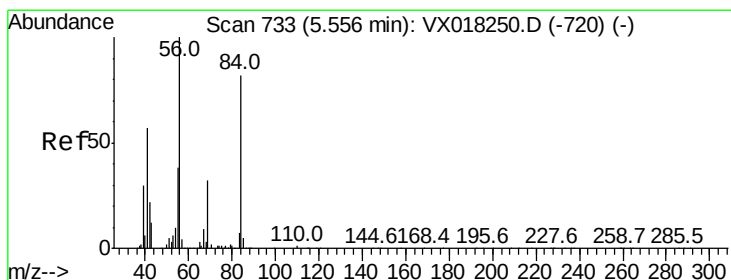
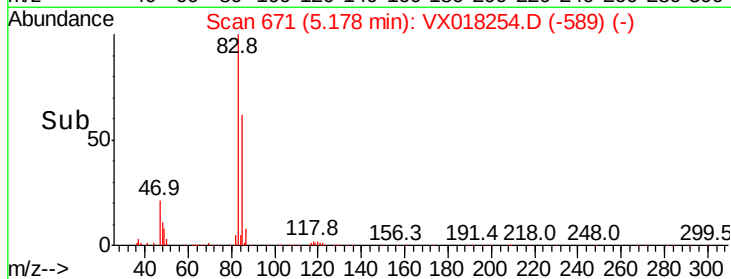
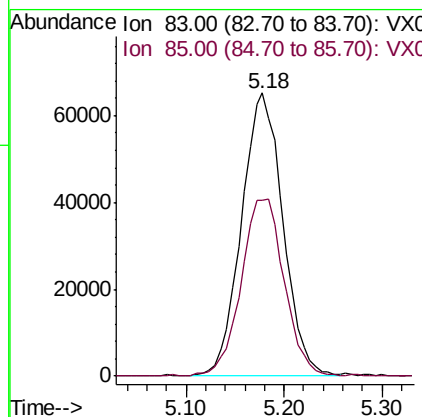
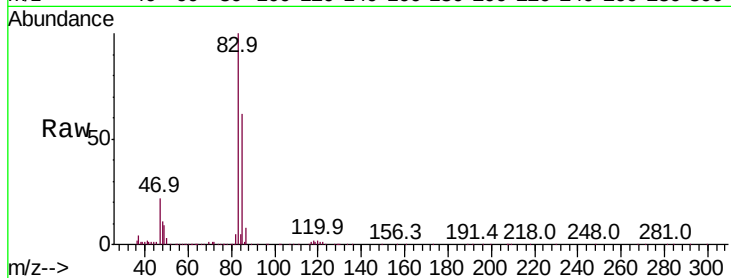
#25
Chloroform
Concen: 19.016 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	83	Resp	189530
Ion Ratio	100	Lower	Upper
85	62.2	51.6	77.4

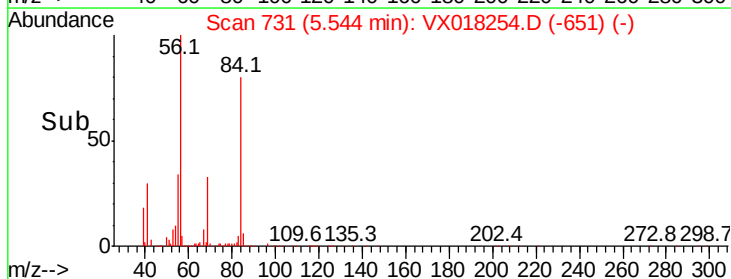
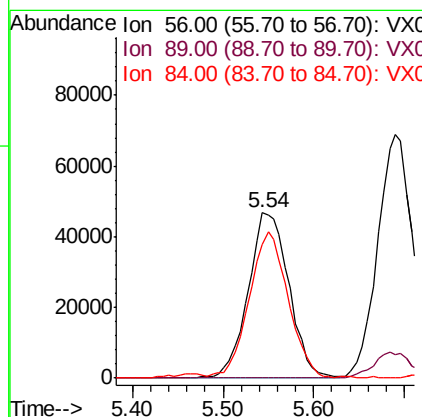
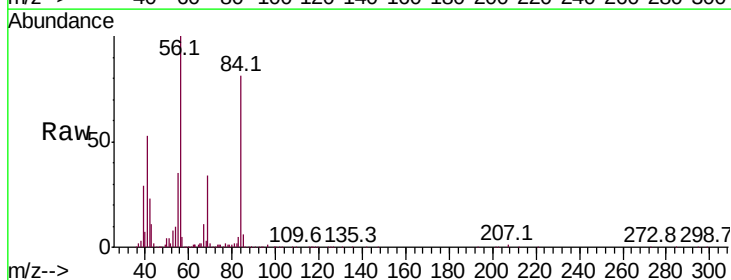
Manual Integrations
APPROVED

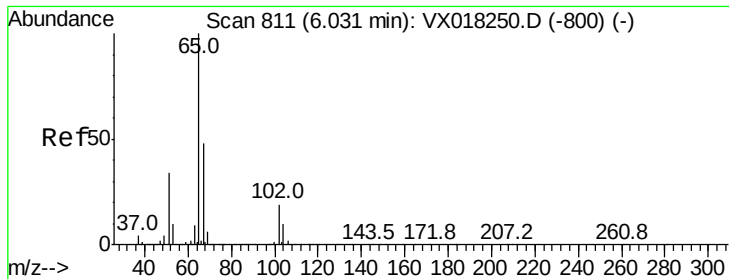
MMDadoda
9/8/2020 5:17:20 PM



#26
Cyclohexane
Concen: 19.165 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	56	Resp	144466
Ion Ratio	100	Lower	Upper
89	0.1	0.1	0.1#
84	85.4	41.0	61.4#





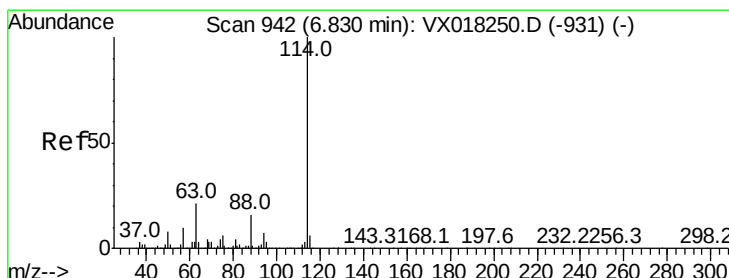
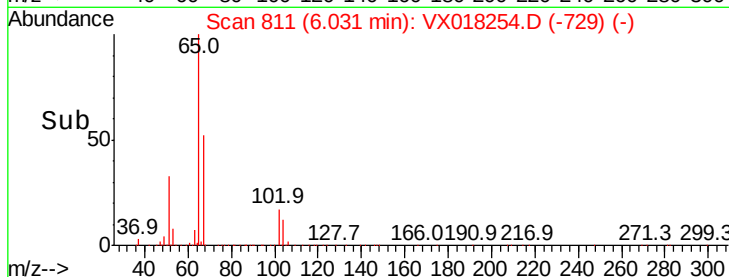
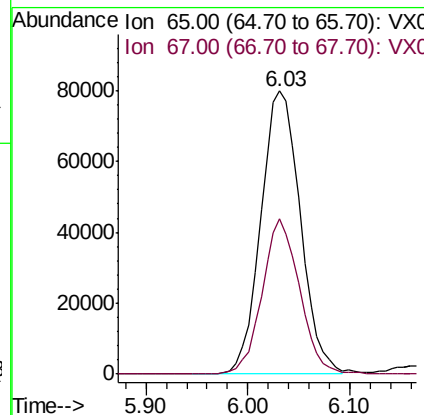
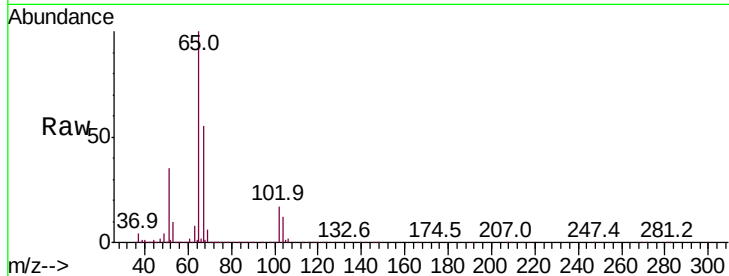
#27
 1,2-Dichloroethane-d4
 Concen: 29.751 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	39.9	59.9

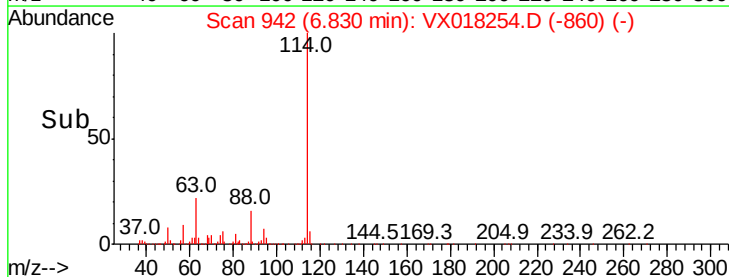
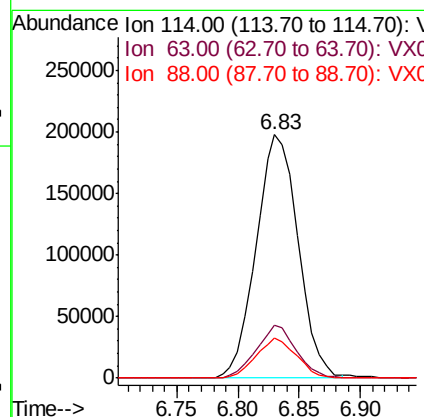
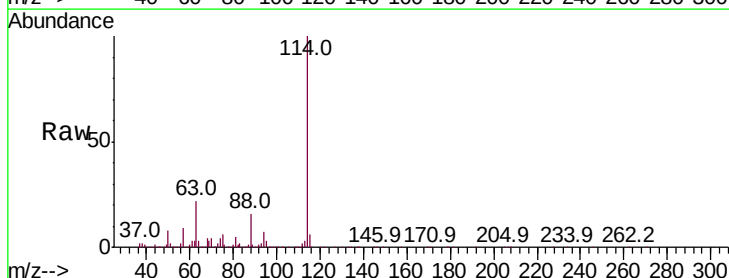
Manual Integrations
 APPROVED

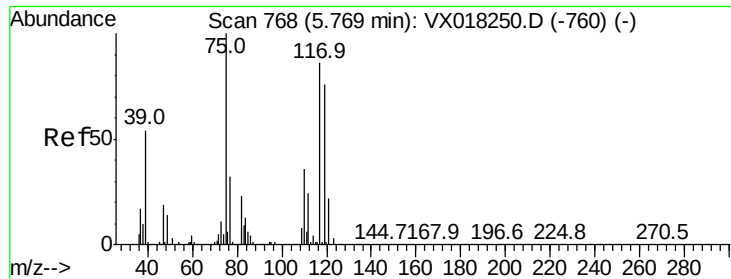
MMDadoda
 9/8/2020 5:17:20 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.7	25.1
88	15.8	12.6	18.8





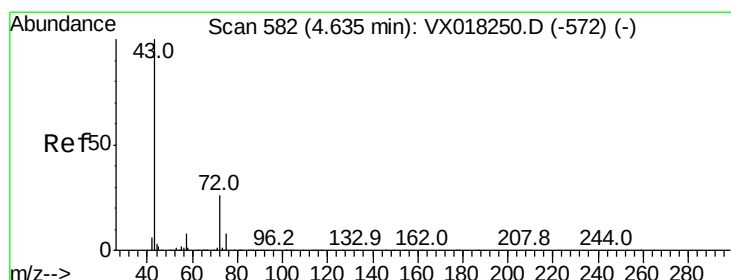
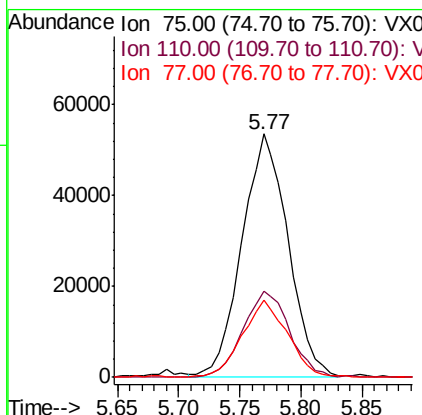
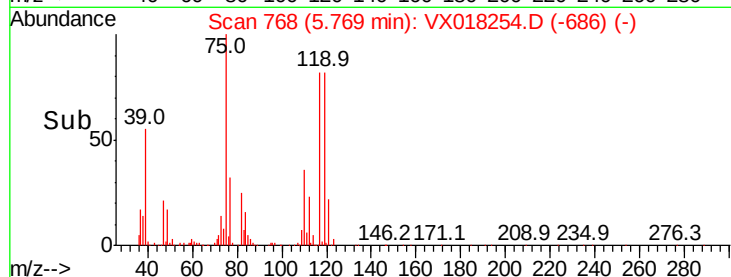
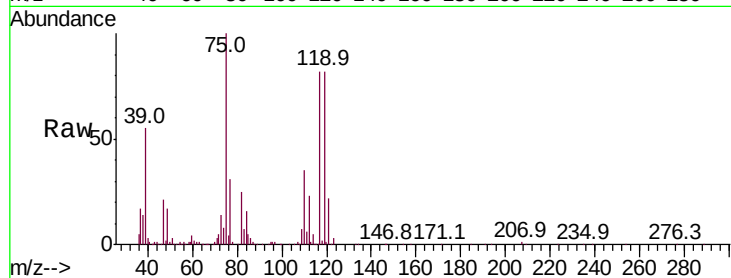
#29
 1,1-Dichloropropene
 Concen: 19.500 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.5	0.0	72.2
77	31.4	0.0	61.0

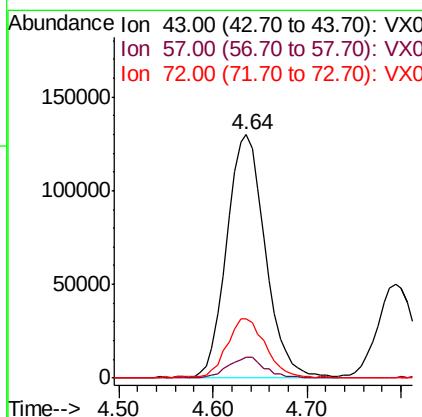
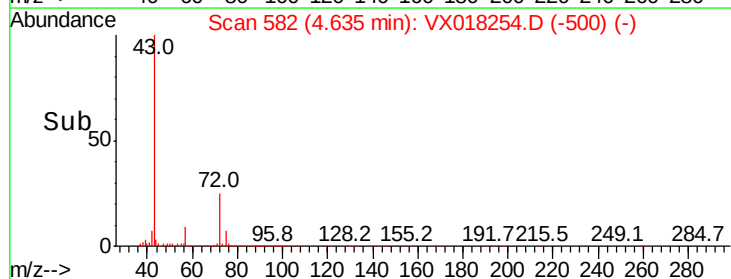
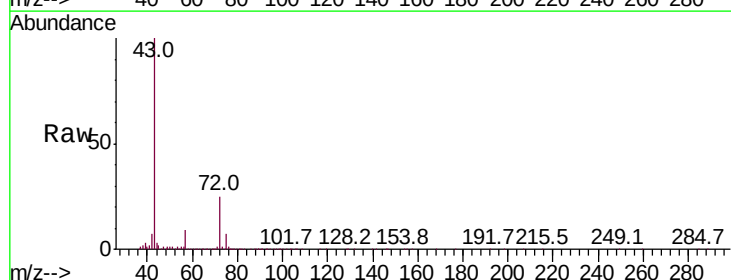
Manual Integrations
 APPROVED

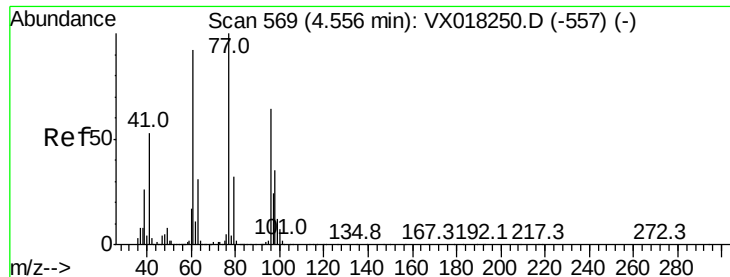
MMDadoda
 9/8/2020 5:17:20 PM



#30
 2-Butanone
 Concen: 92.931 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.0	6.7	10.1
72	24.8	20.0	30.0





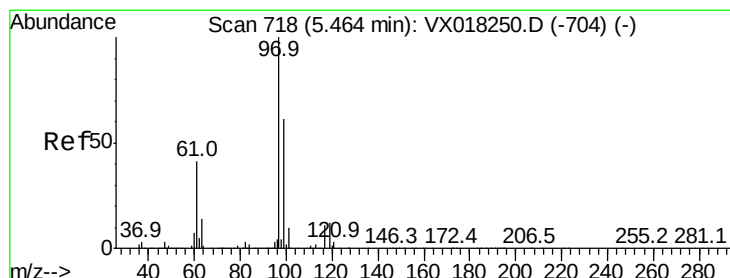
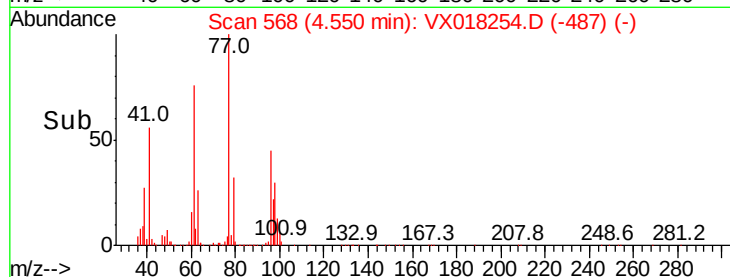
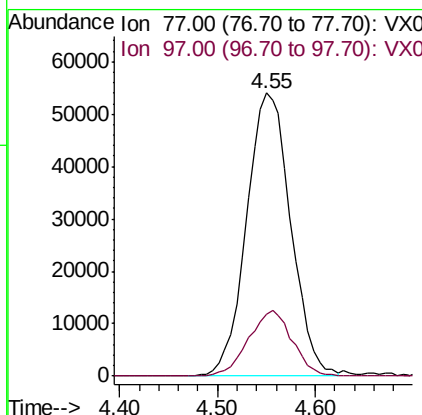
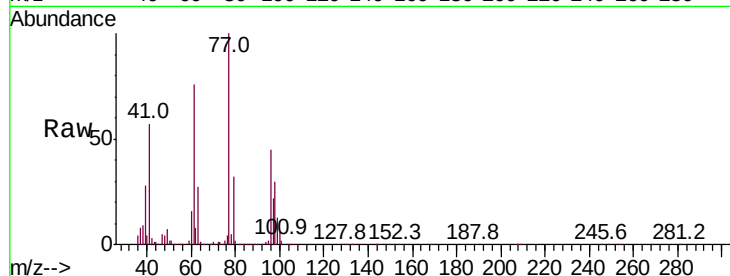
#31
 2,2-Dichloropropane
 Concen: 19.518 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Tot Ion	Ratio	Lower	Upper
77	100		
97	23.0	18.1	27.1

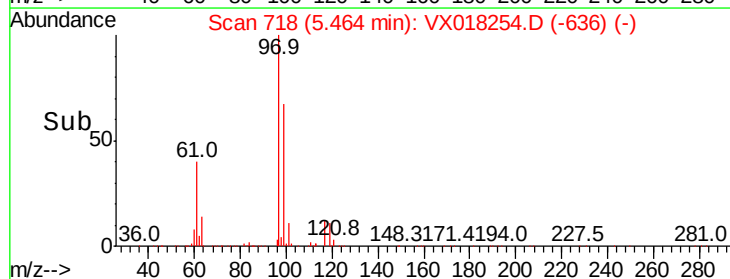
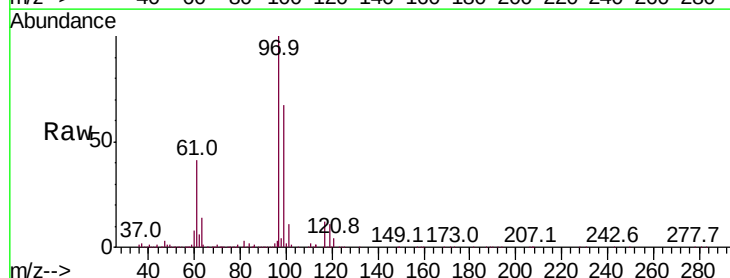
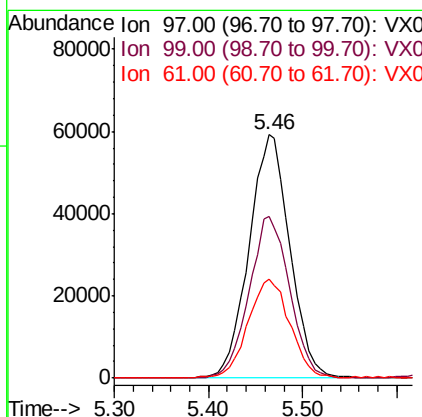
Manual Integrations
 APPROVED

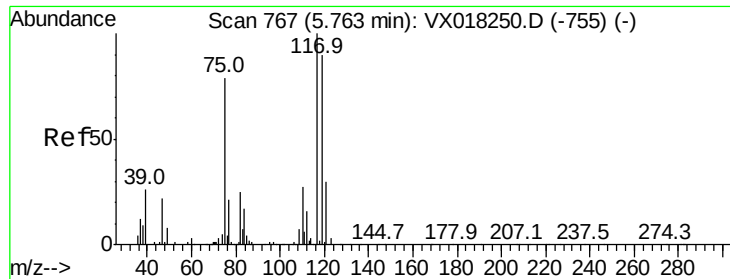
MMDadoda
 9/8/2020 5:17:20 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.009 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.7	76.1
61	40.8	34.5	51.7





#33

Carbon Tetrachloride

Concen: 18.724 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

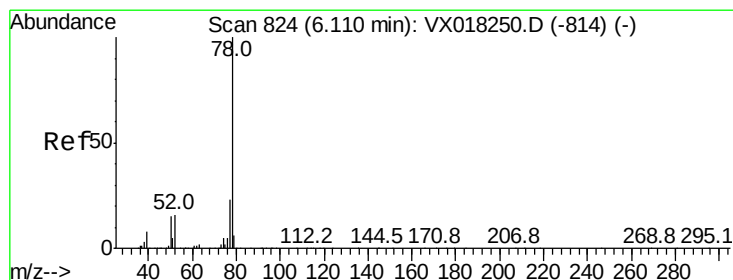
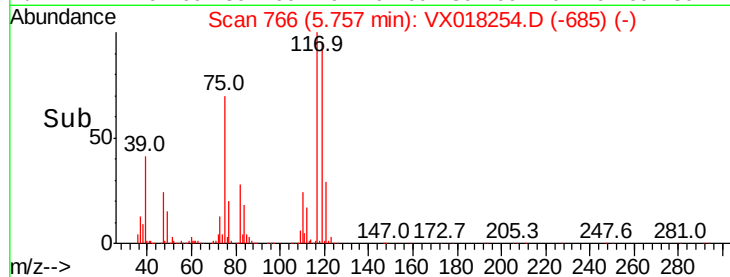
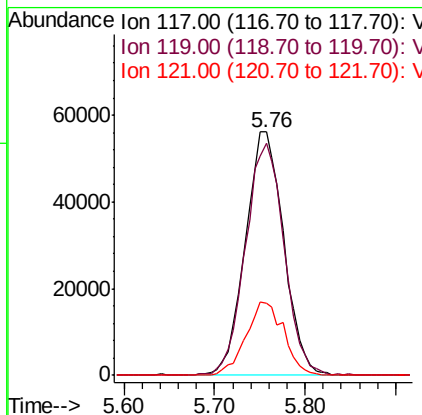
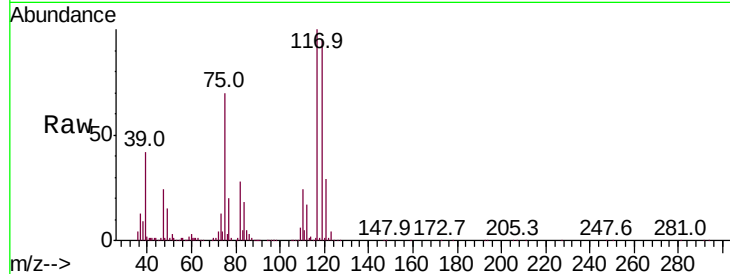
ClientSampleId :

ICVVX090420

Tot Ion:	117	Resp:	164765
Ion Ratio	Lower	Upper	
117	100		
119	95.5	72.3	108.5
121	29.4	24.1	36.1

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#34

Benzene

Concen: 18.361 ug/l

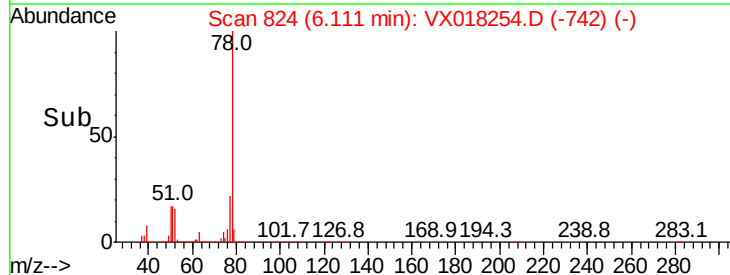
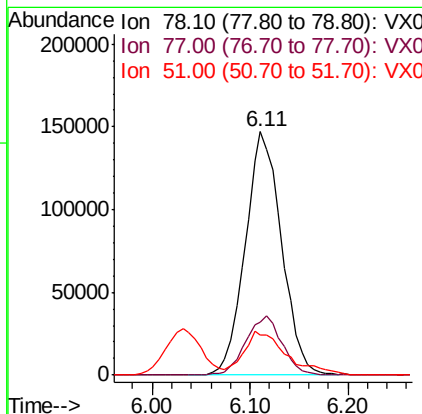
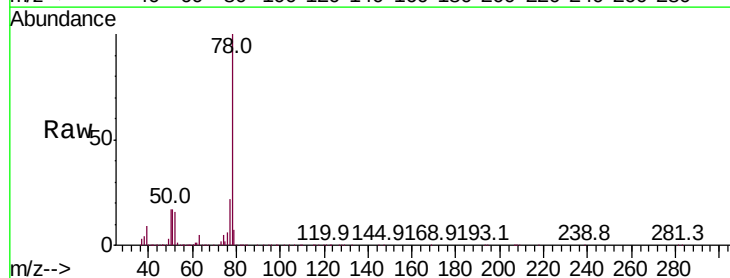
RT: 6.11 min Scan# 824

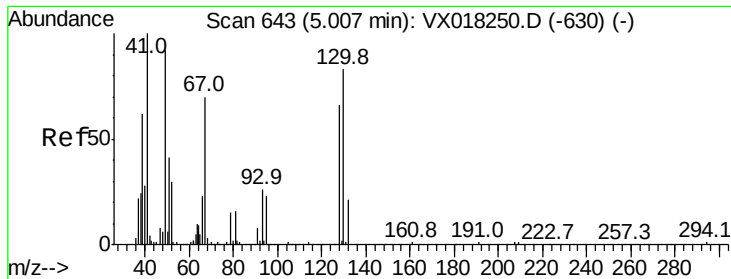
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	78	Resp:	378129
Ion Ratio	Lower	Upper	
78	100		
77	21.6	18.3	27.5
51	15.5	11.3	16.9





#35

Methacrylonitrile

Concen: 18.619 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

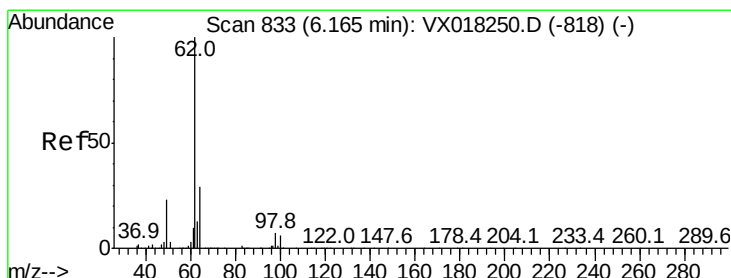
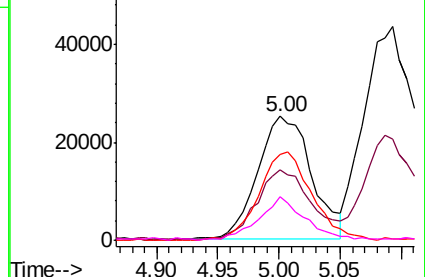
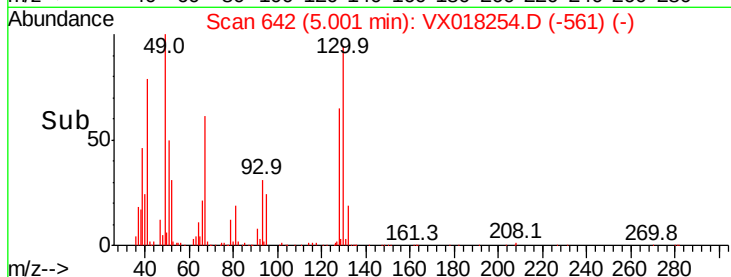
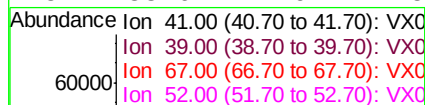
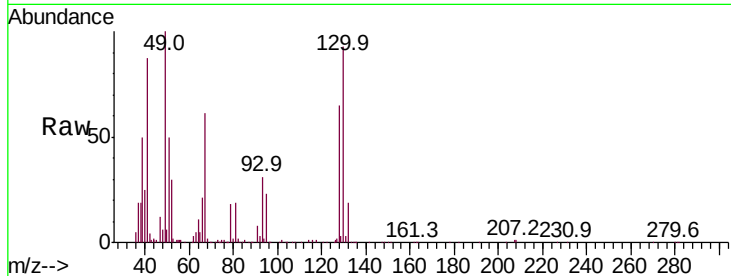
ClientSampleId :

ICVVX090420

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	31.3	93.9	
67	69.8	35.4	106.2	
52	33.6	14.9	44.5	

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#36

1,2-Dichloroethane

Concen: 18.762 ug/l

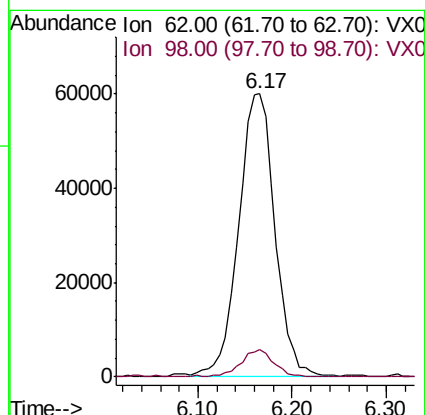
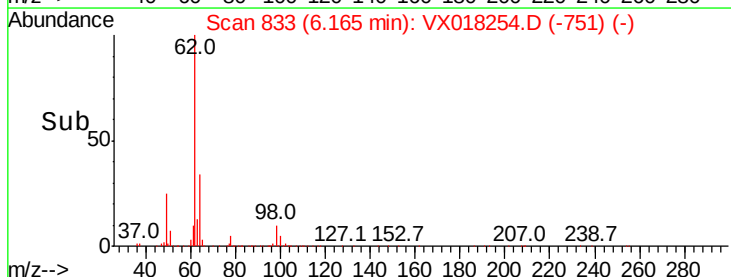
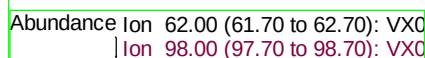
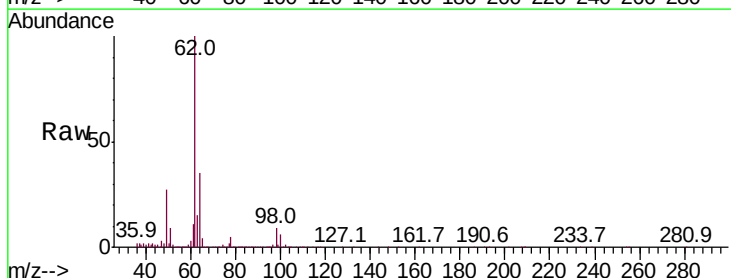
RT: 6.17 min Scan# 833

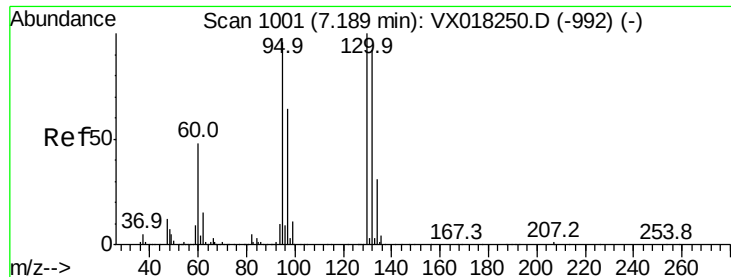
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	0.0#	





#37

Trichloroethene

Concen: 19.369 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018254.D

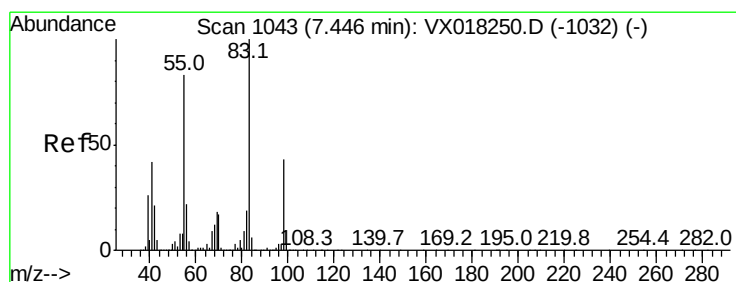
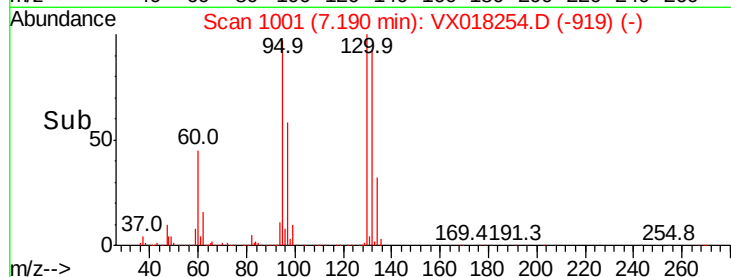
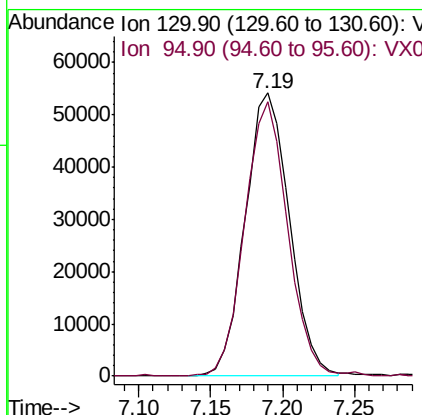
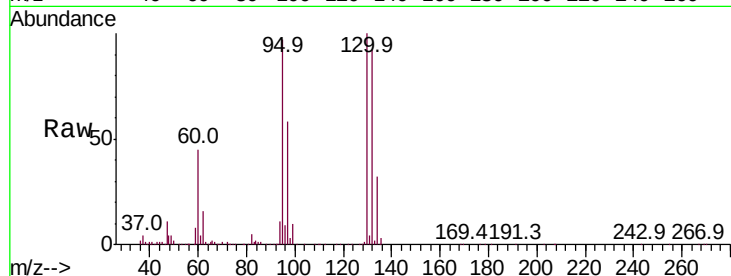
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
130	100		
95	96.7	76.9	115.3

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#38

Methylcyclohexane

Concen: 19.258 ug/l

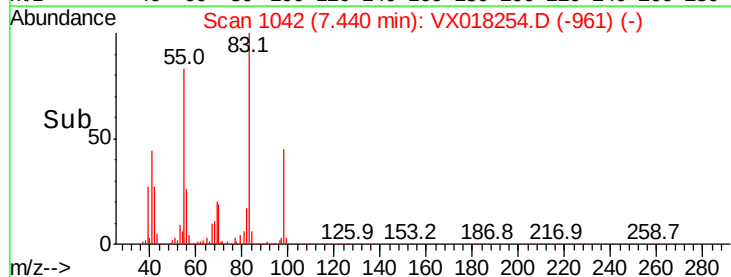
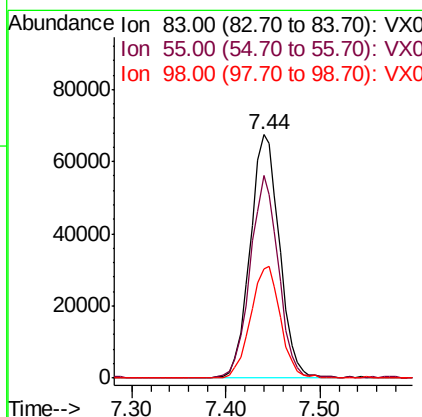
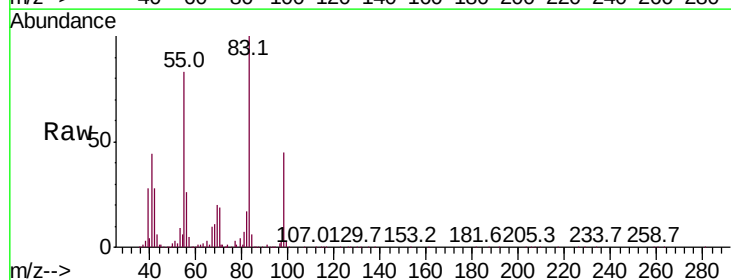
RT: 7.44 min Scan# 1042

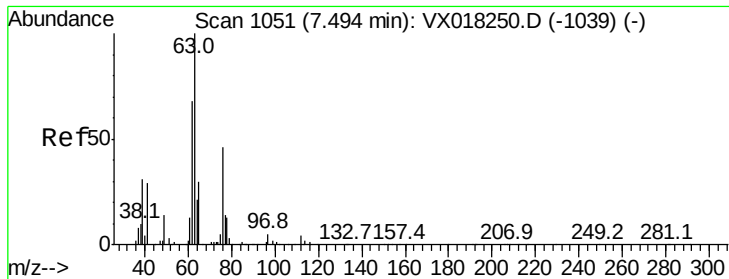
Delta R.T. -0.01 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.6	41.1	123.4
98	46.2	24.0	72.0





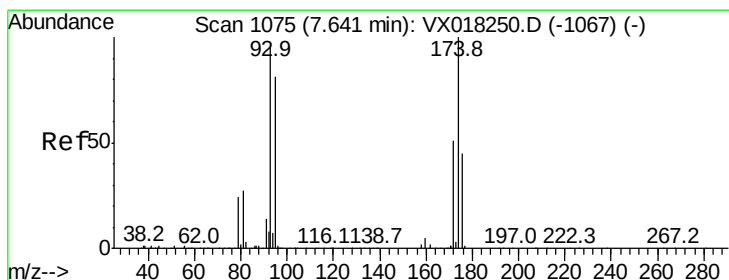
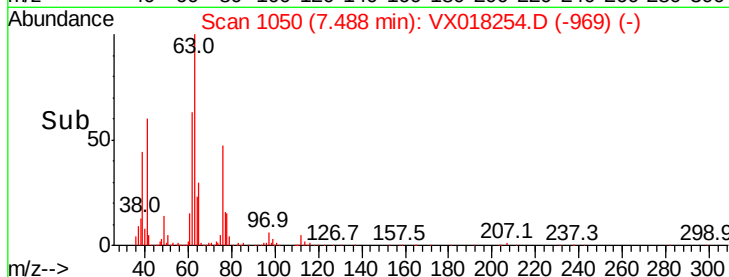
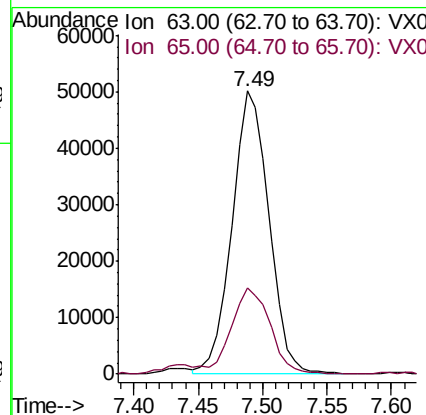
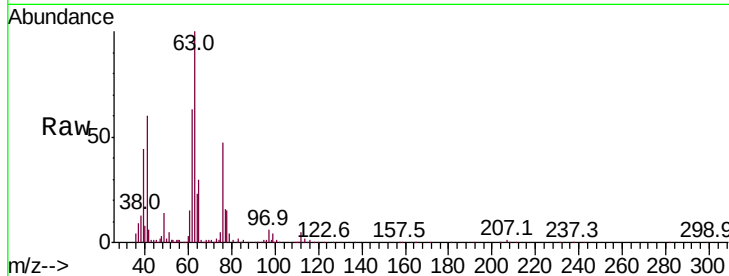
#39
 1,2-Dichloropropane
 Concen: 18.151 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX090420

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.7	38.5

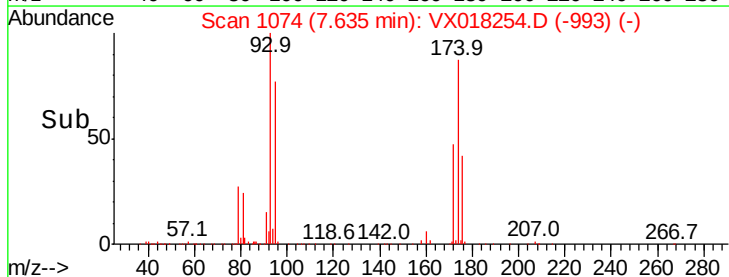
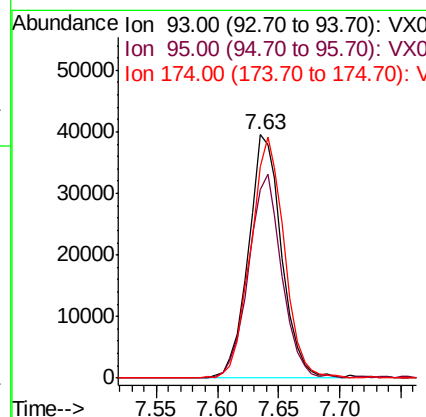
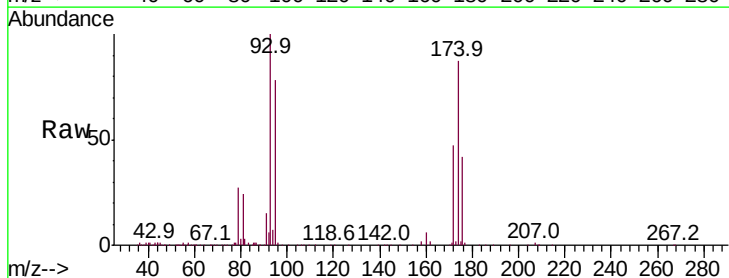
Manual Integrations
 APPROVED

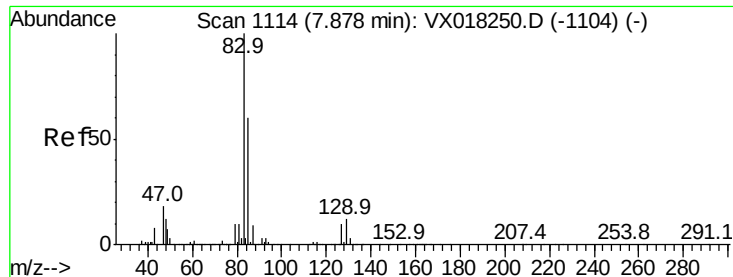
MMDadoda
 9/8/2020 5:17:20 PM



#40
 Dibromomethane
 Concen: 18.758 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	0.0	167.0
174	100.4	0.0	202.0





#41

Bromodichloromethane

Concen: 18.636 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

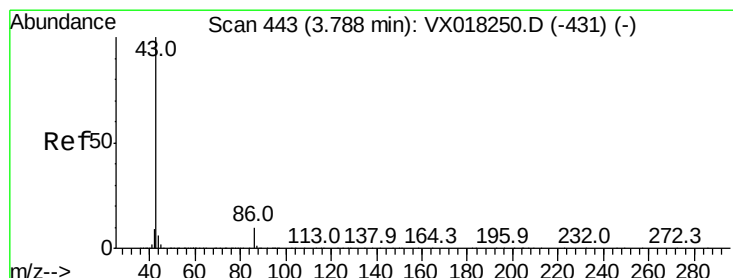
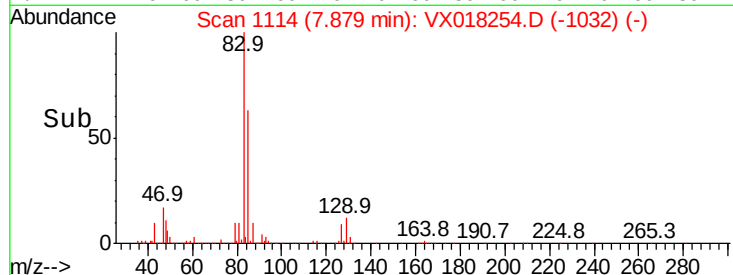
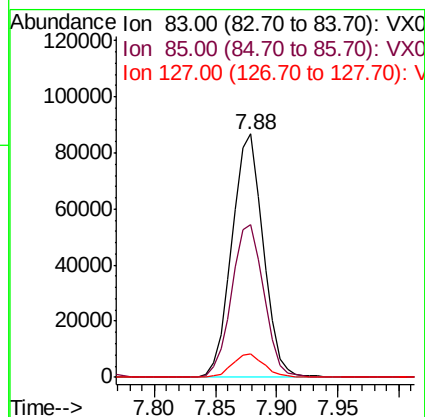
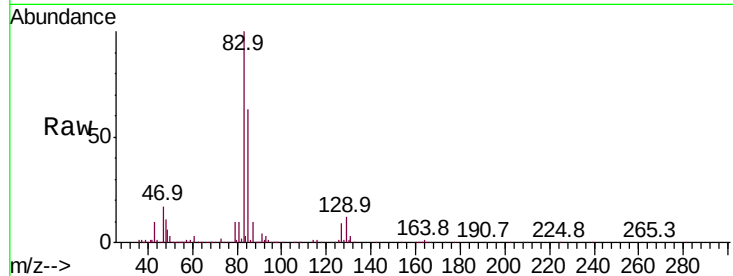
ClientSampleId :

ICVVX090420

Tot Ion:	83	Resp:	153847
Ion Ratio	Lower	Upper	
83	100		
85	62.6	48.2	72.2
127	9.4	8.0	12.0

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#42

Vinyl Acetate

Concen: 94.672 ug/l

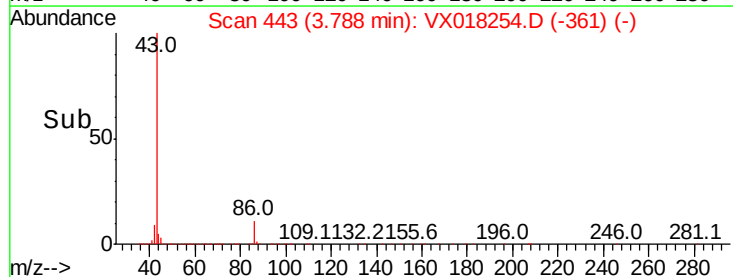
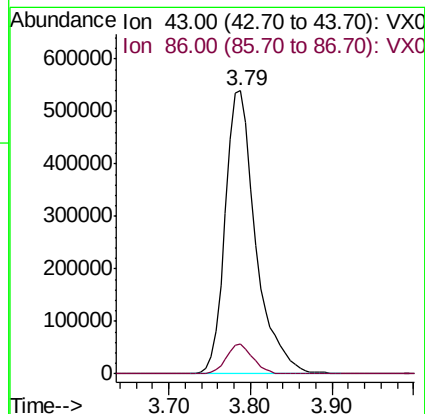
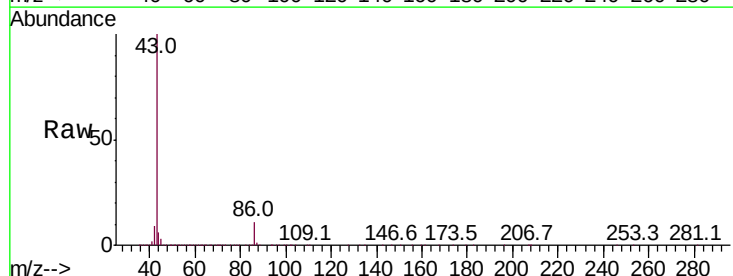
RT: 3.79 min Scan# 443

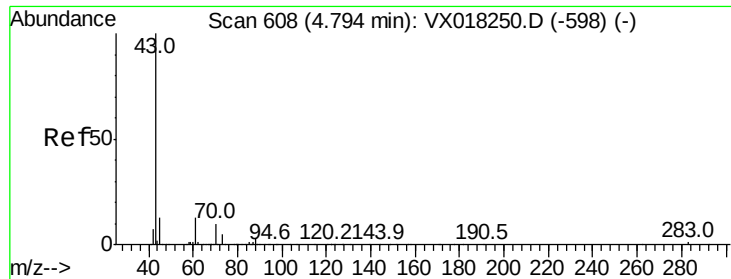
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	43	Resp:	1395318
Ion Ratio	Lower	Upper	
43	100		
86	9.0	7.2	10.8





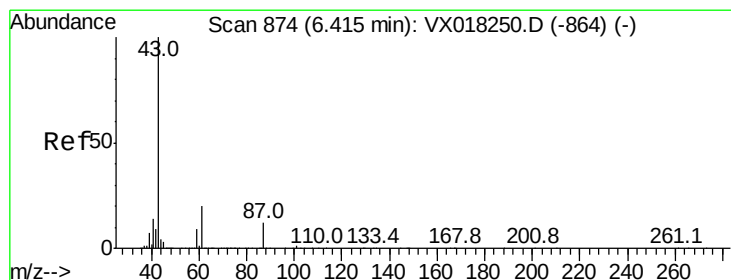
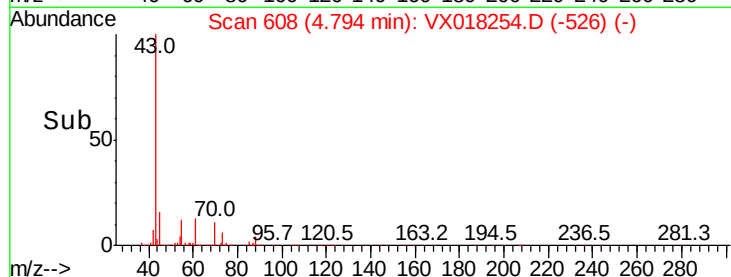
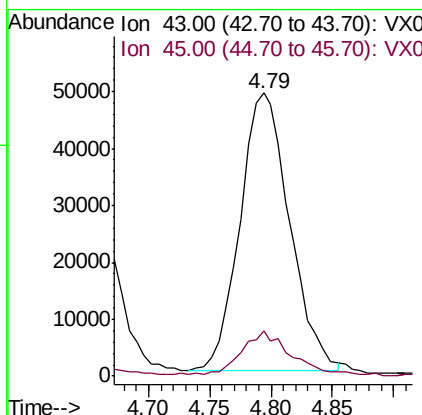
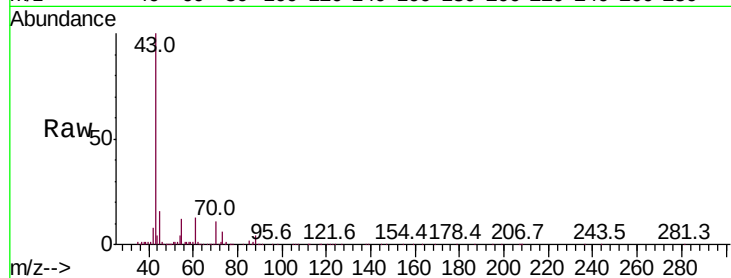
#43
Ethyl Acetate
Concen: 17.486 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion: 43 Resp: 137356
Ion Ratio Lower Upper
43 100
45 14.5 11.2 16.8

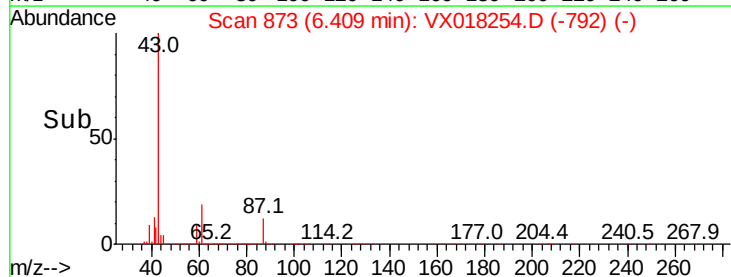
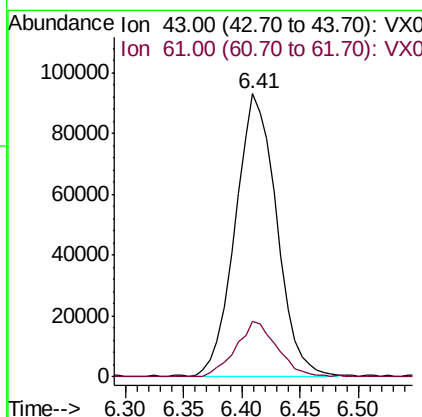
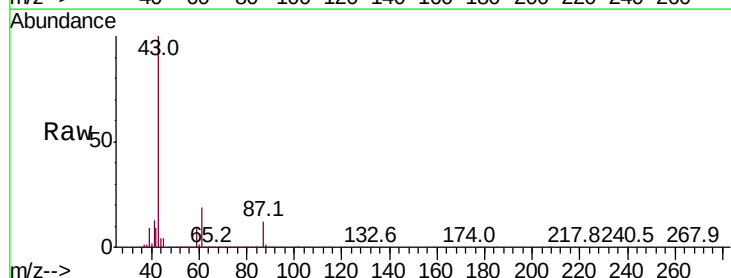
Manual Integrations
APPROVED

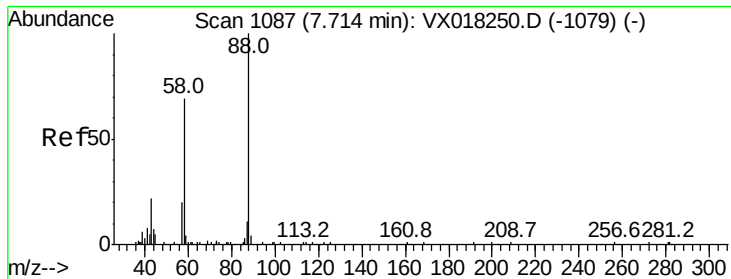
MMDadoda
9/8/2020 5:17:20 PM



#44
Isopropyl Acetate
Concen: 18.133 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion: 43 Resp: 229551
Ion Ratio Lower Upper
43 100
61 19.6 14.6 22.0





#45

1,4-Dioxane

Concen: 361.818 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

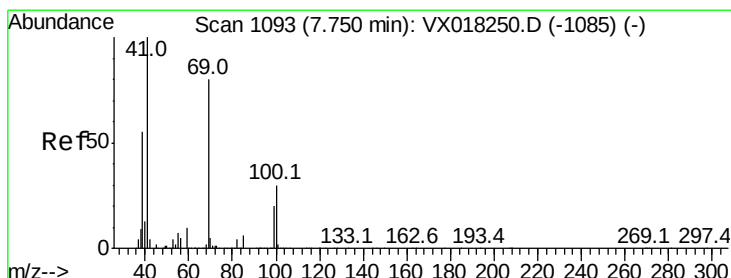
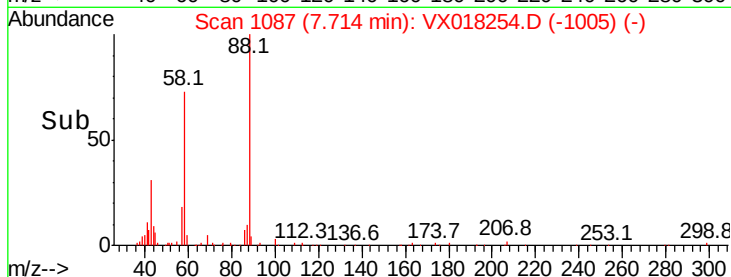
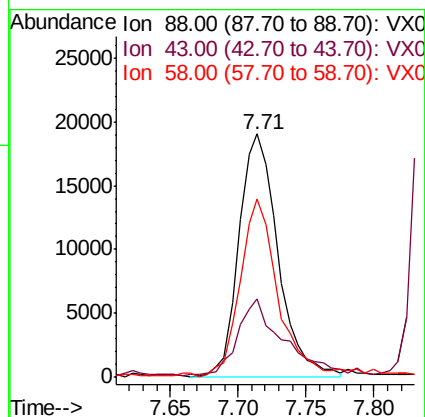
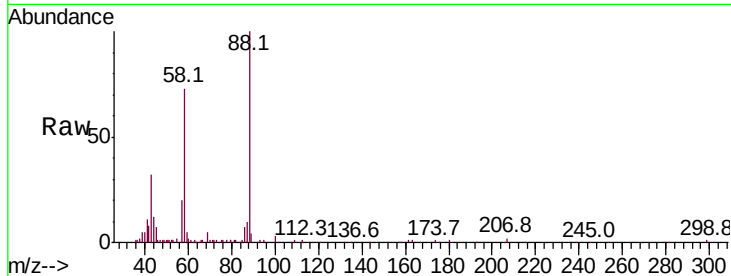
ClientSampleId :

ICVVX090420

Tot Ion:	88	Resp:	38265
Ion Ratio	Lower	Upper	
88	100		
43	36.5	13.6	20.4#
58	69.2	58.2	87.4

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#46

Methyl methacrylate

Concen: 18.032 ug/l

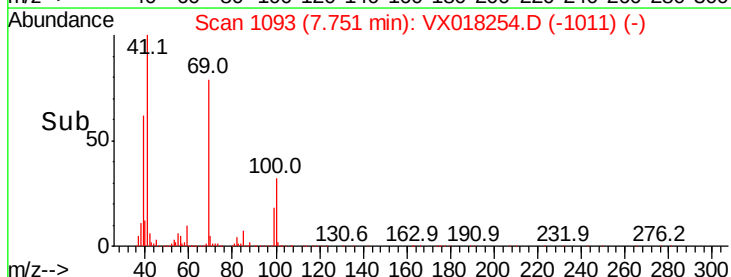
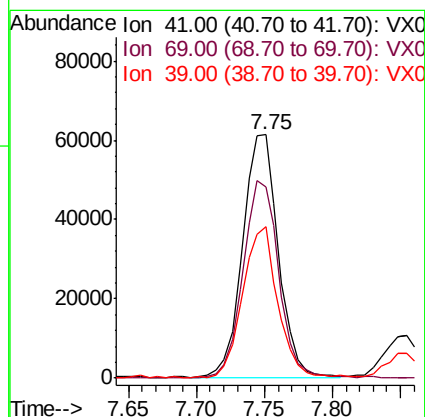
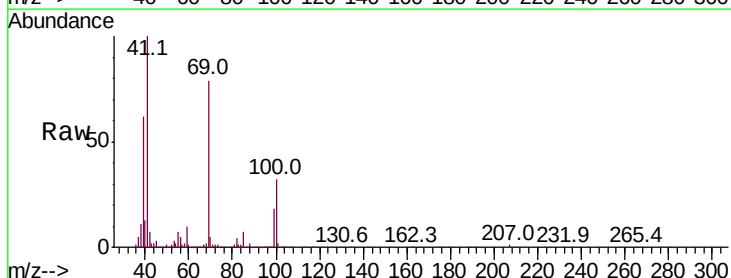
RT: 7.75 min Scan# 1093

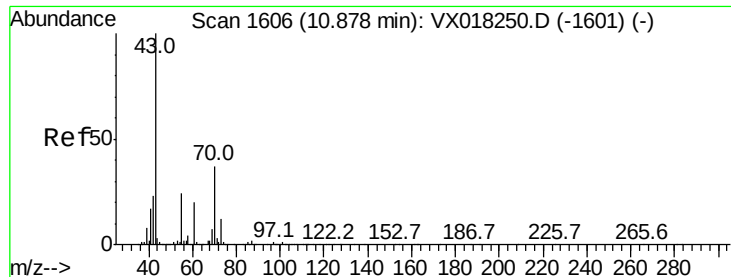
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	41	Resp:	112343
Ion Ratio	Lower	Upper	
41	100		
69	78.6	40.3	120.8
39	61.5	27.3	81.9





#47

n-amvl Acetate

Concen: 18.122 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion: 43 Resp: 201579

Ion Ratio Lower Upper

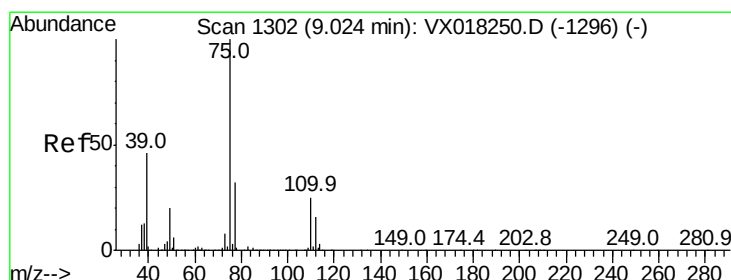
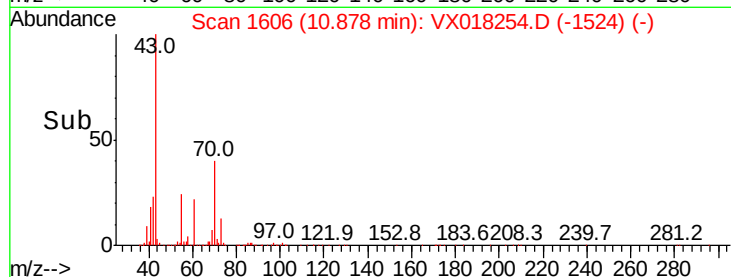
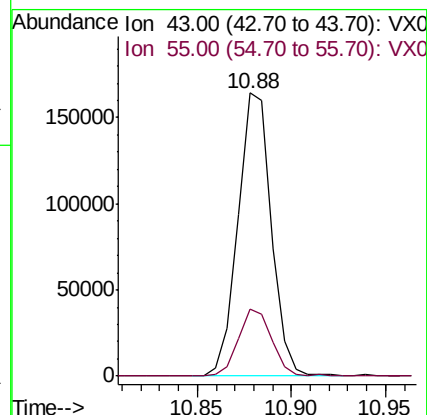
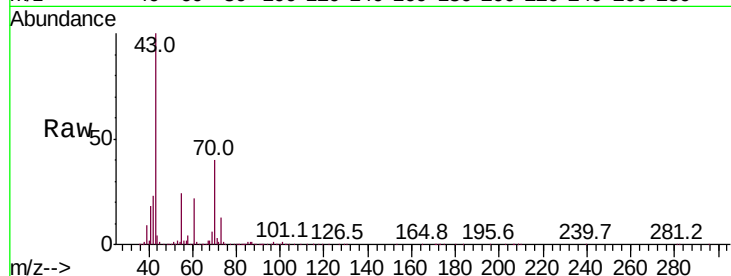
43 100

55 23.4 18.9 28.3

Manual Integrations
APPROVED

MMDadoda

9/8/2020 5:17:20 PM



#48

t-1,3-Dichloropropene

Concen: 19.108 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018254.D

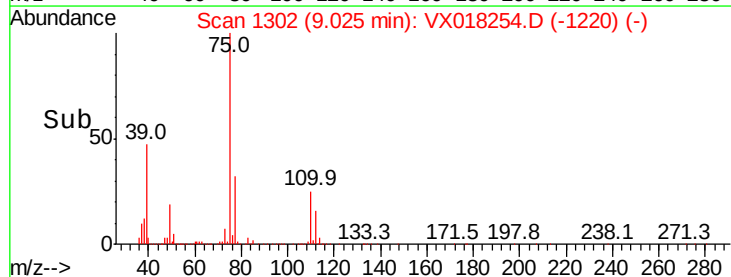
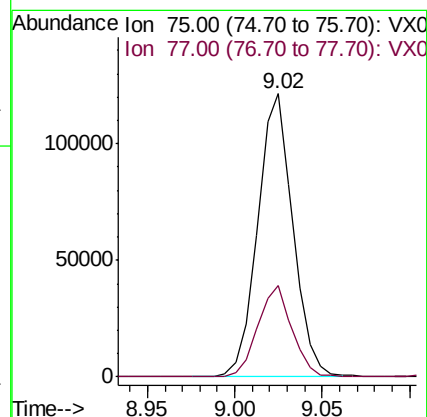
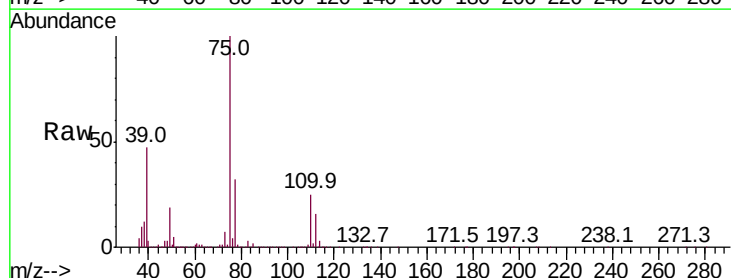
Acq: 04 Sep 2020 12:36

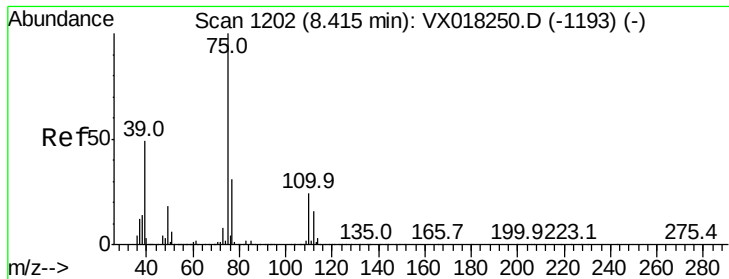
Tgt Ion: 75 Resp: 169449

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 18.674 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

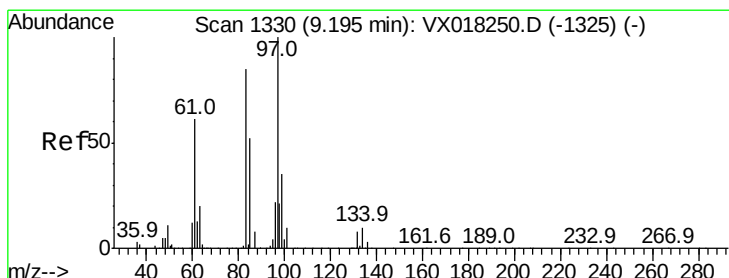
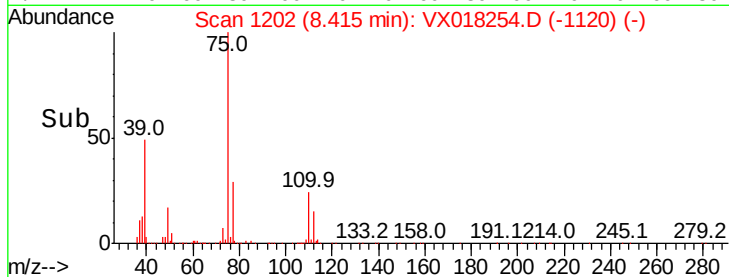
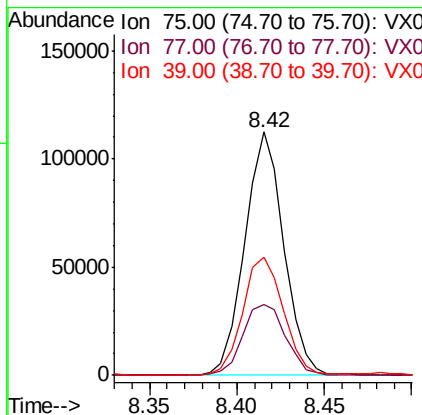
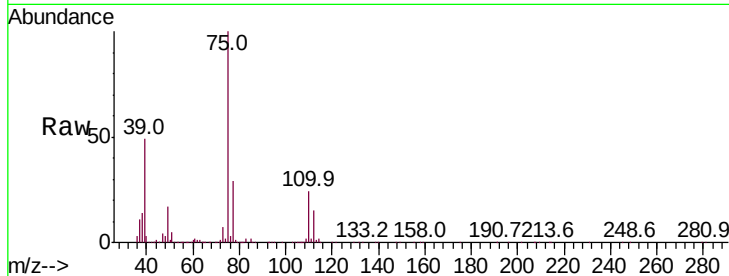
ClientSampleId :

ICVVX090420

Tot Ion:	75	Resp:	173962
Ion	Ratio	Lower	Upper
75	100		
77	29.2	24.7	37.1
39	48.6	39.6	59.4

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#50

1,1,2-Trichloroethane

Concen: 18.624 ug/l

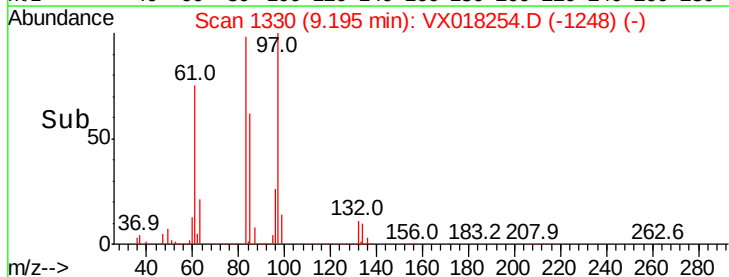
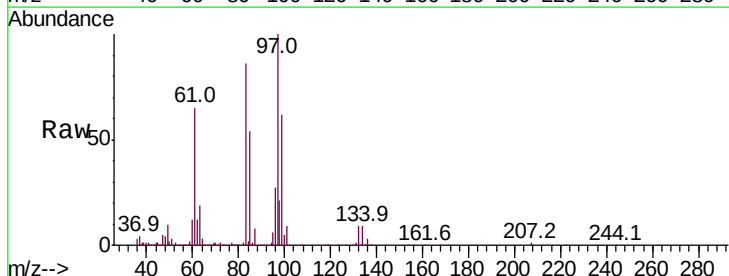
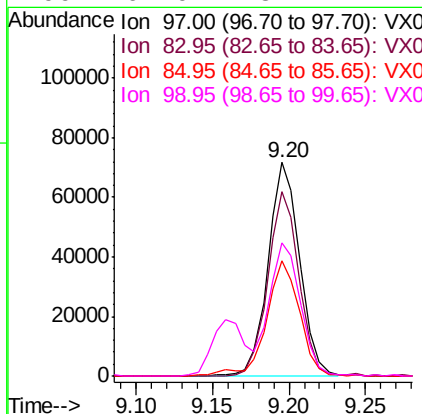
RT: 9.20 min Scan# 1330

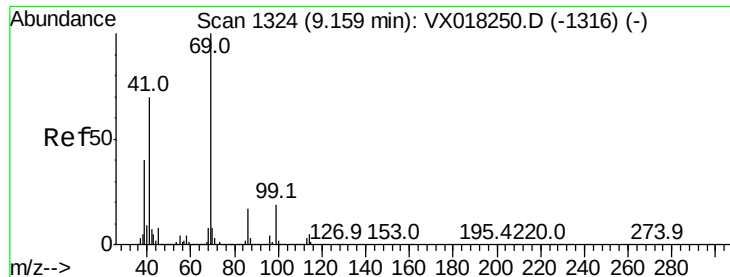
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	97	Resp:	103372
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.1	102.1
85	53.6	42.6	64.0
99	62.0	48.2	72.2





#51

Ethyl methacrylate

Concen: 17.740 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

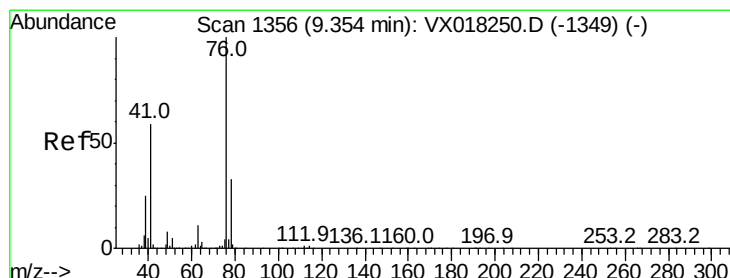
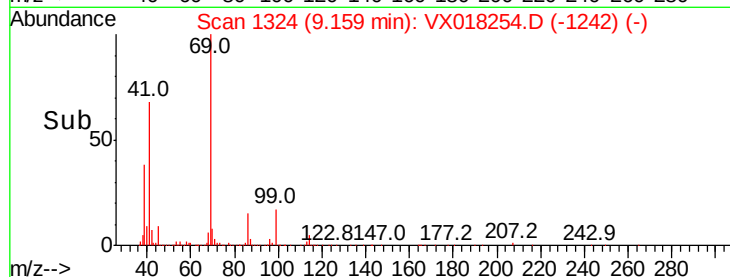
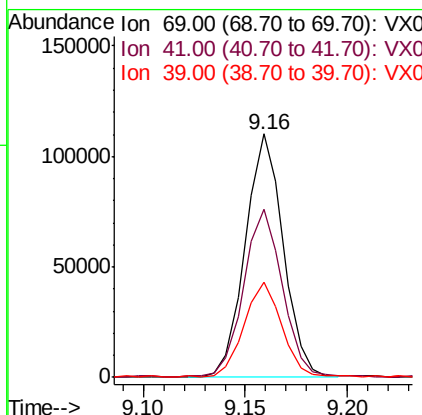
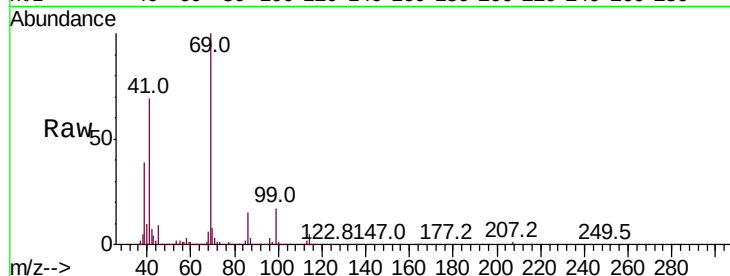
ClientSampleId :

ICVVX090420

Tot Ion:	69	Resp:	142639
Ion	Ratio	Lower	Upper
69	100		
41	68.8	34.9	104.7
39	38.4	19.8	59.3

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#52

1,3-Dichloropropane

Concen: 18.376 ug/l

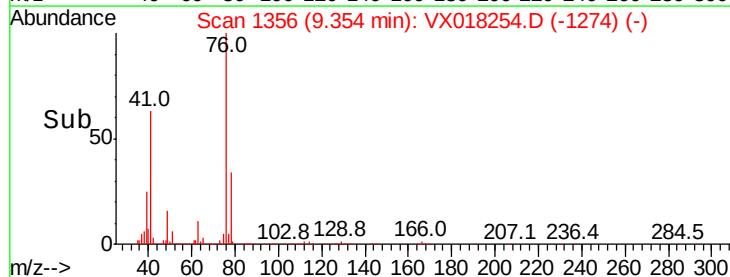
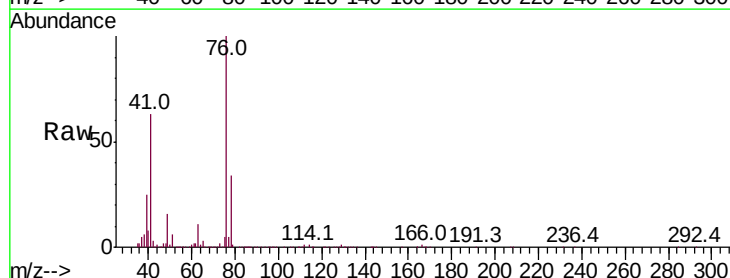
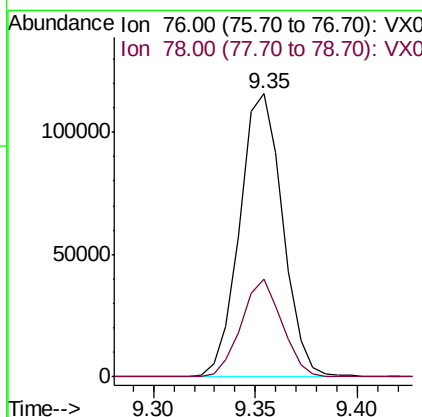
RT: 9.35 min Scan# 1356

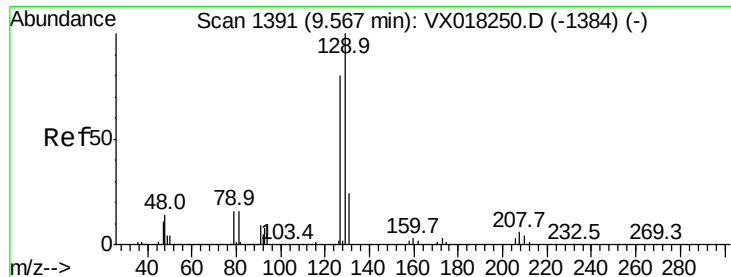
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	76	Resp:	169292
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	62.2





#53

Dibromochloromethane

Concen: 18.441 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion:129 Resp: 127267

Ion Ratio Lower Upper

129 100

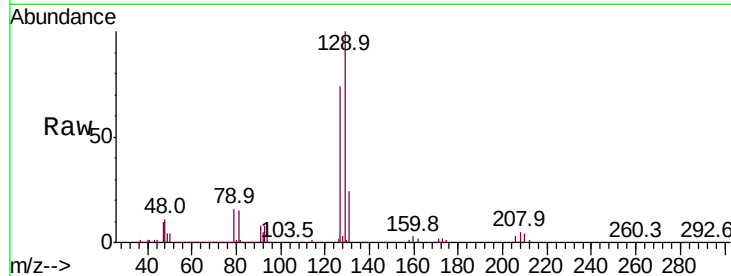
127 72.9 38.9 116.6

Manual Integrations

APPROVED

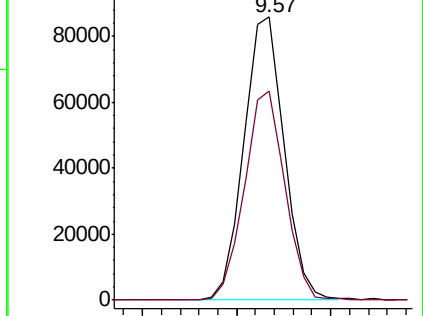
MMDadoda

9/8/2020 5:17:20 PM

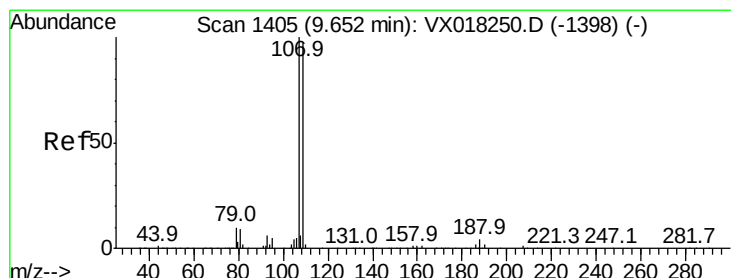
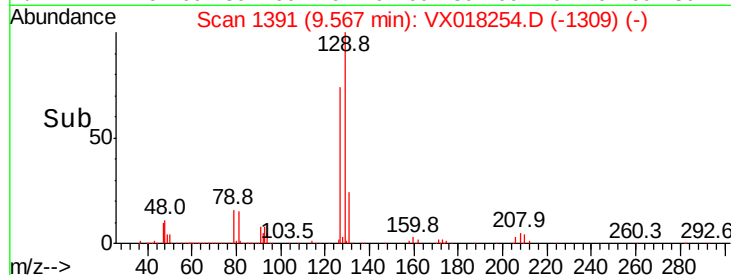


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#54

1,2-Dibromoethane

Concen: 18.677 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018254.D

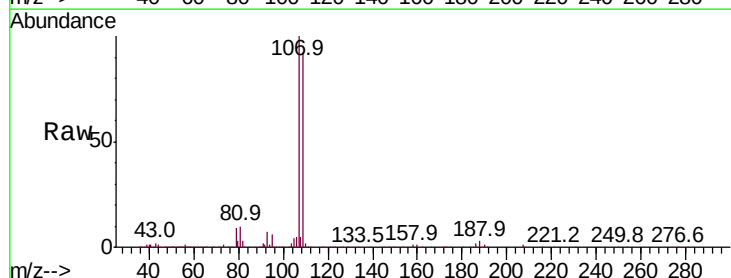
Acq: 04 Sep 2020 12:36

Tgt Ion:107 Resp: 113720

Ion Ratio Lower Upper

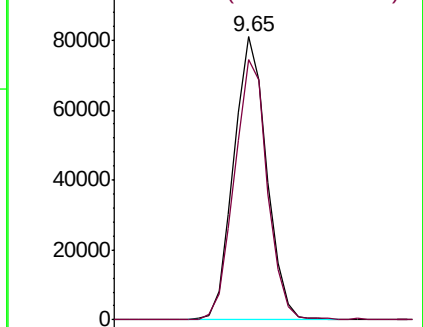
107 100

109 91.9 77.8 116.6

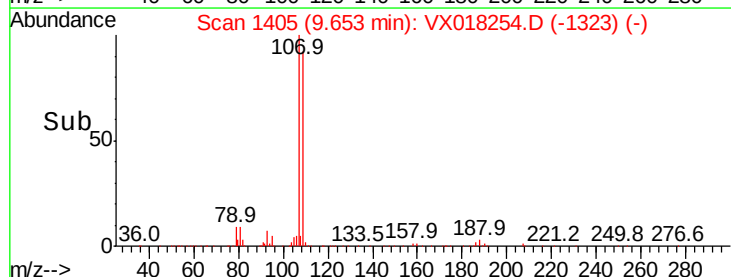


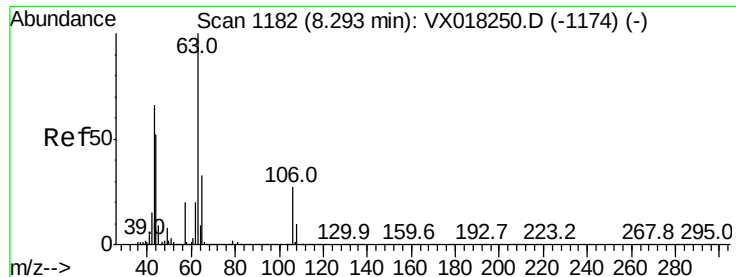
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->





#55

2-Chloroethyl vinyl ether

Concen: 95.590 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

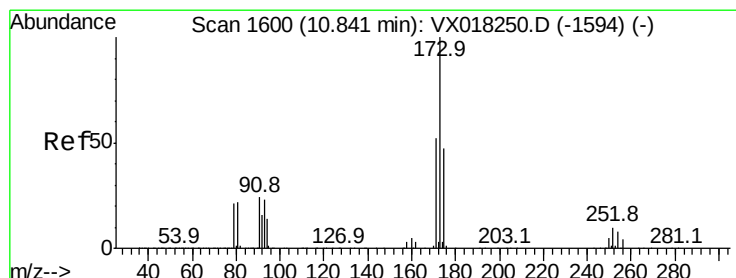
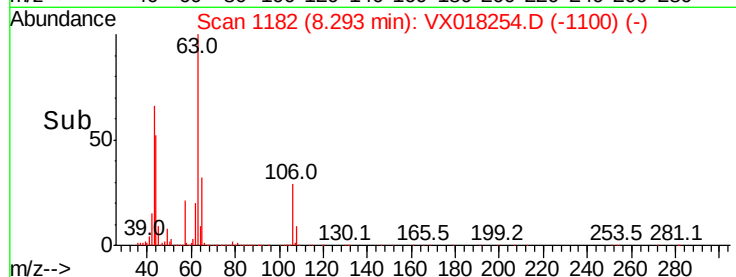
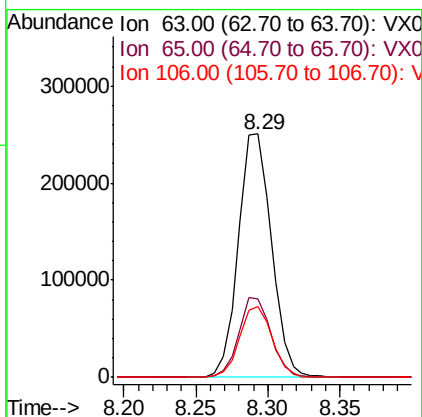
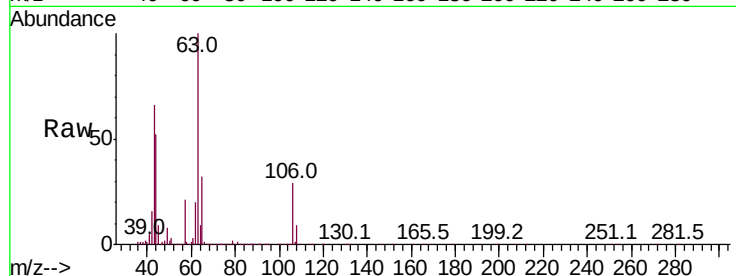
ClientSampleId :

ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
65	31.9	26.0	39.0	
106	28.5	22.3	33.5	

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#56

Bromoform

Concen: 18.300 ug/l

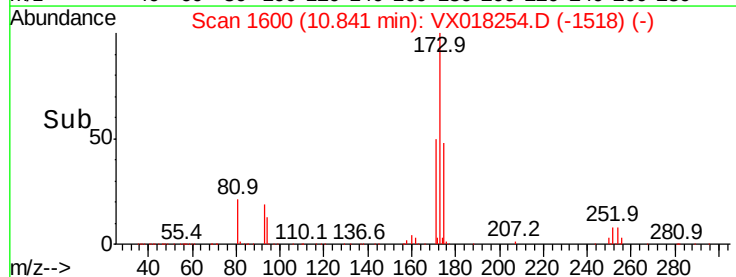
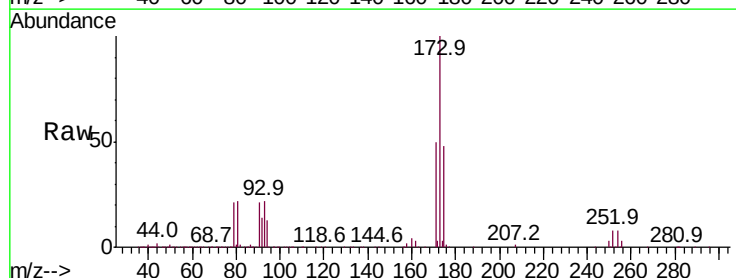
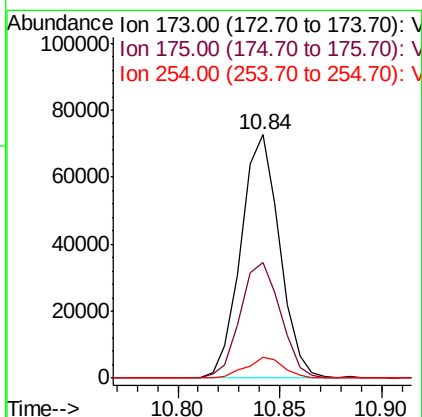
RT: 10.84 min Scan# 1600

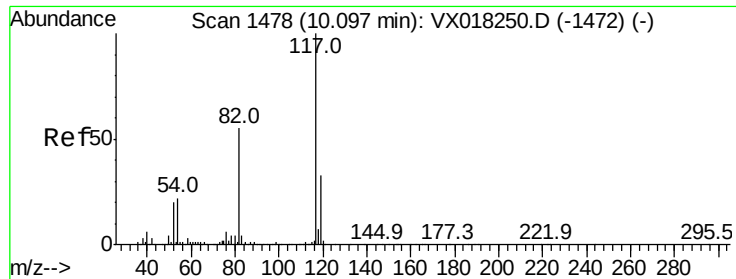
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.7	40.2	60.2	
254	8.4	7.3	10.9	





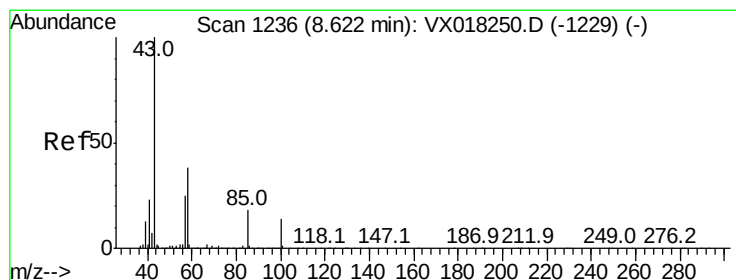
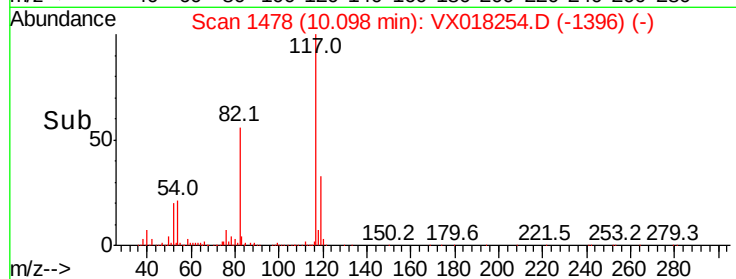
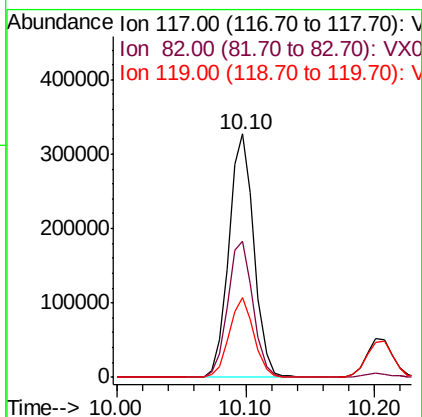
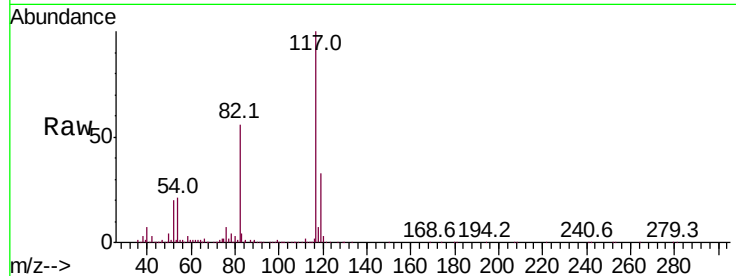
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
117	100	446480		
82	56.1	44.2	66.4	
119	32.0	26.1	39.1	

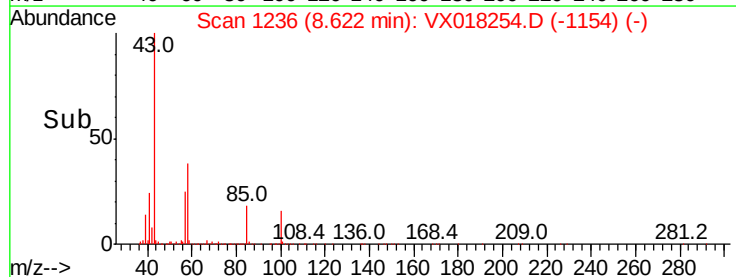
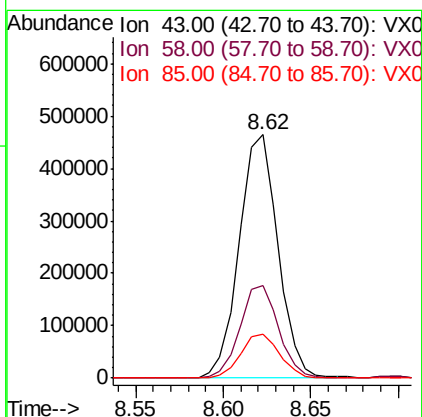
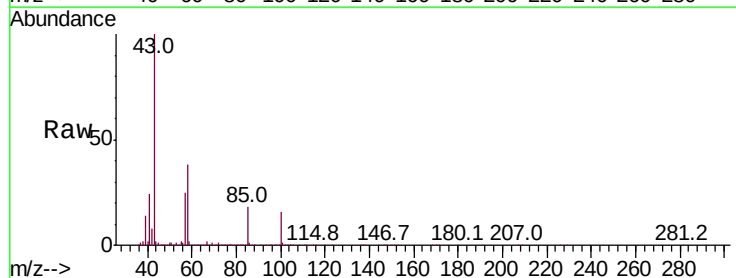
Manual Integrations
APPROVED

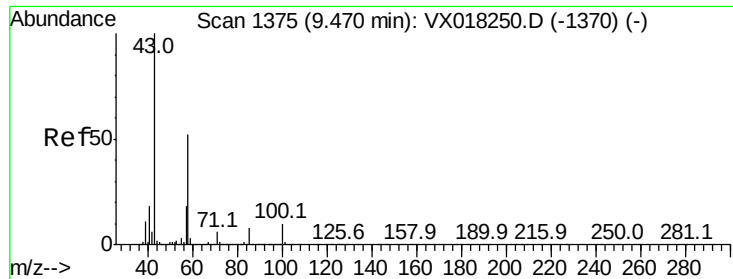
MMDadoda
9/8/2020 5:17:20 PM



#58
4-Methyl-2-Pentanone
Concen: 93.490 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	717946		
58	38.1	30.0	45.0	
85	18.1	14.2	21.4	





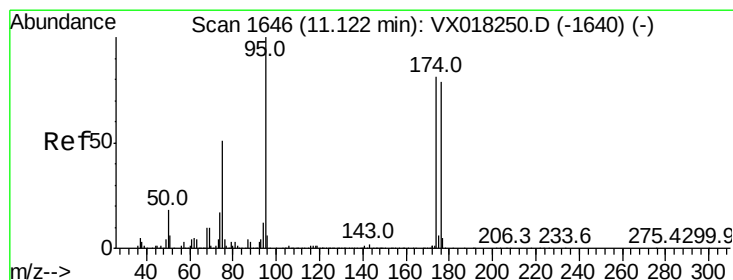
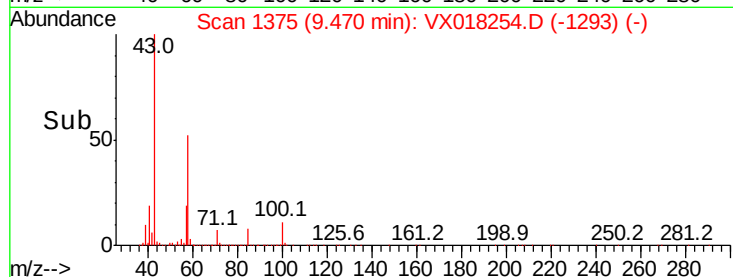
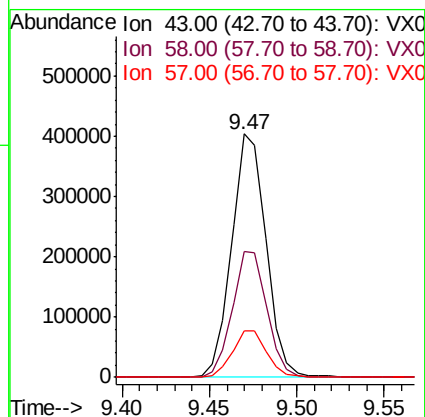
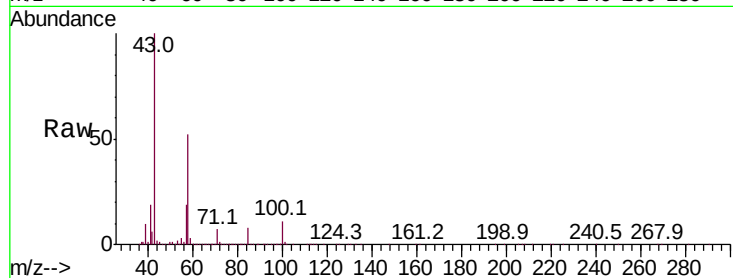
#59
2-Hexanone
Concen: 94.527 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampled :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.5	63.7
57	19.0	14.8	22.2

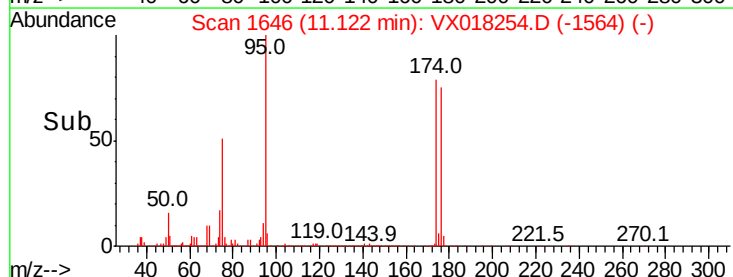
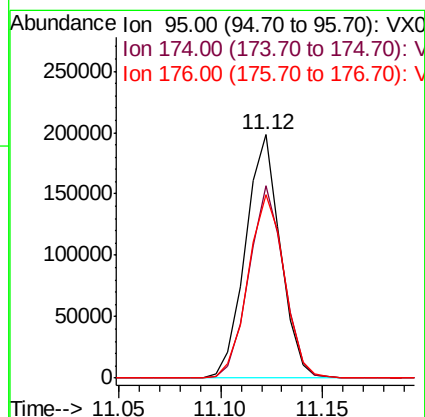
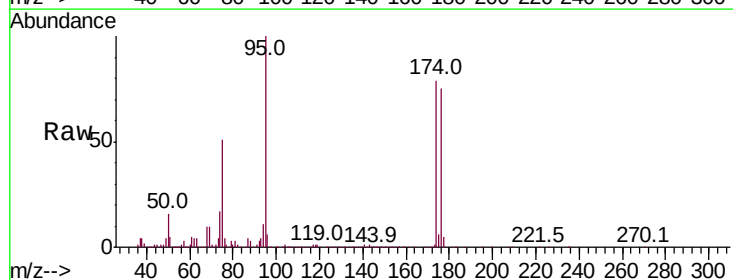
Manual Integrations
APPROVED

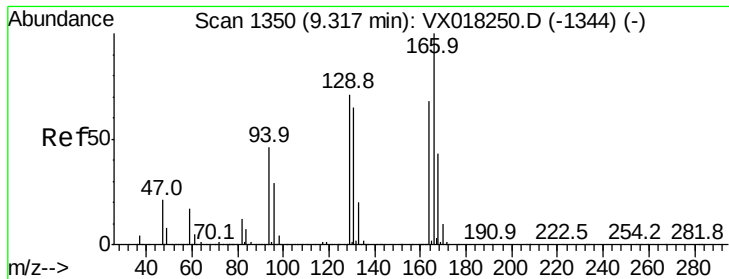
MMDadoda
9/8/2020 5:17:20 PM



#60
4-Bromofluorobenzene
Concen: 30.487 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.6	64.2	96.4
176	78.6	62.2	93.4





#61

Tetrachloroethene

Concen: 19.390 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion:164 Resp: 107969

Ion Ratio Lower Upper

164 100

166 128.0 117.4 176.0

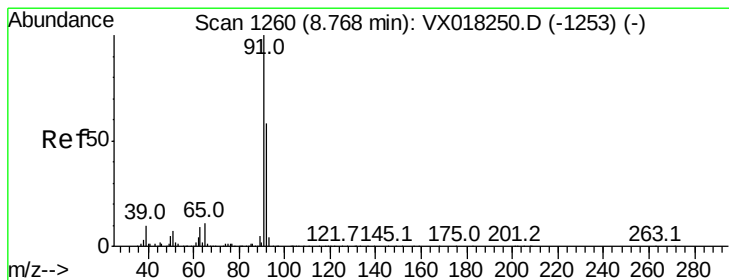
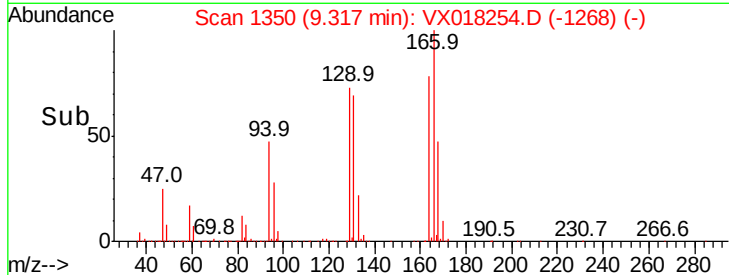
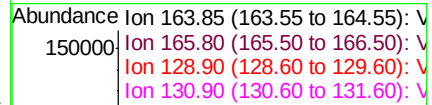
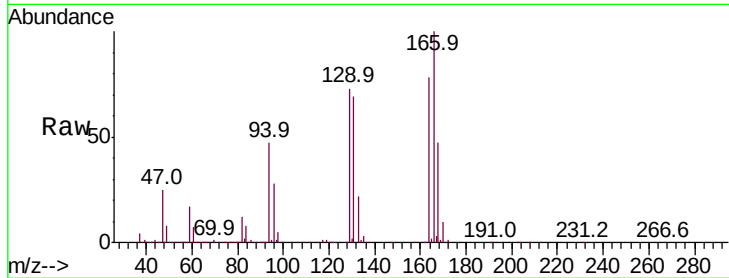
129 93.7 82.7 124.1

131 88.1 76.7 115.1

Manual Integrations
APPROVED

MMDadoda

9/8/2020 5:17:20 PM



#62

Toluene

Concen: 19.238 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018254.D

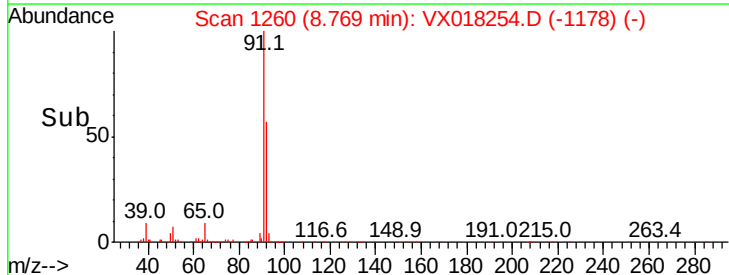
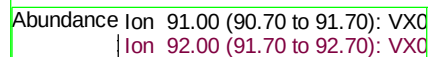
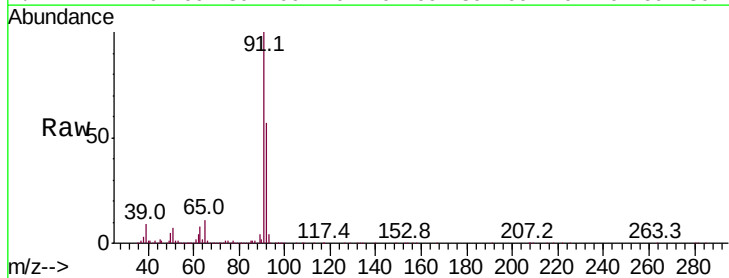
Acq: 04 Sep 2020 12:36

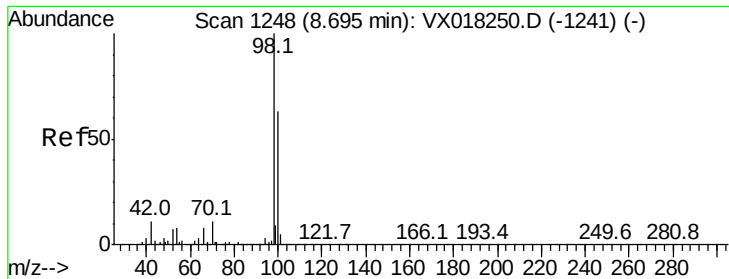
Tgt Ion: 91 Resp: 432267

Ion Ratio Lower Upper

91 100

92 57.5 46.9 70.3





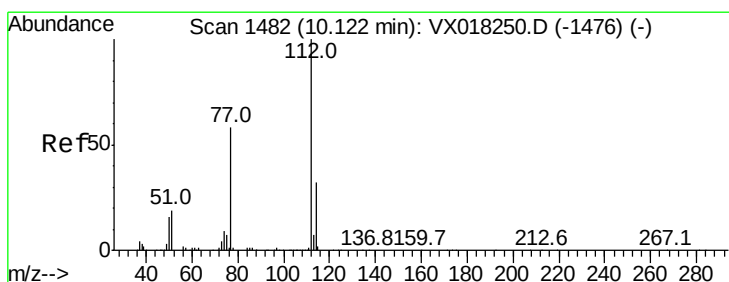
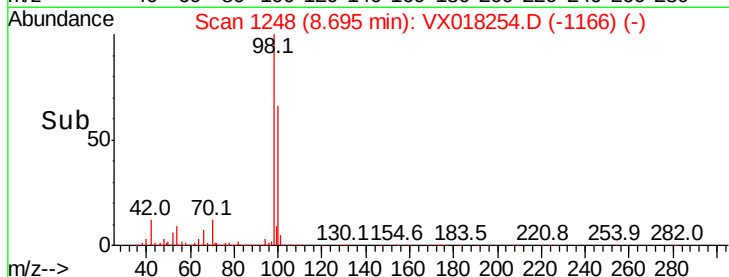
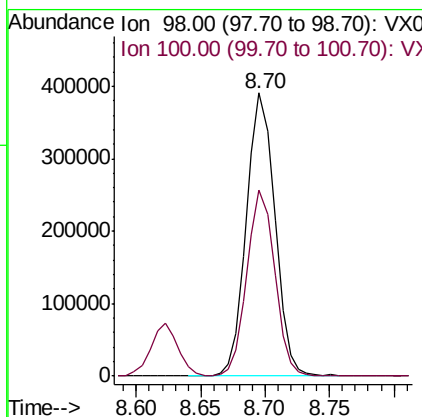
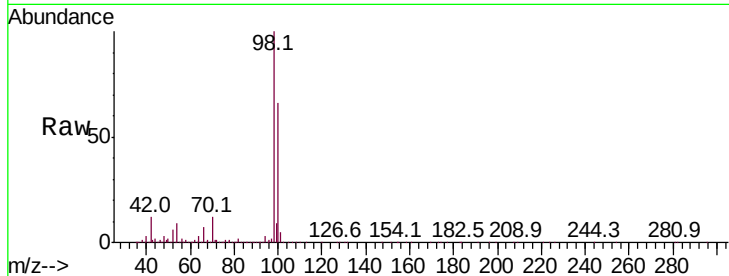
#63
Toluene-d8
Concen: 30.382 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0

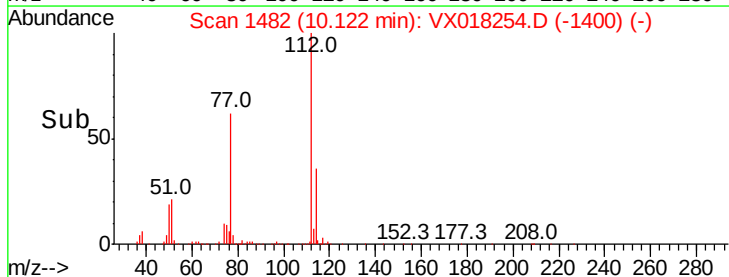
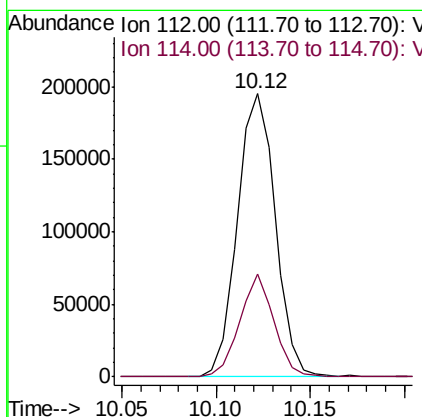
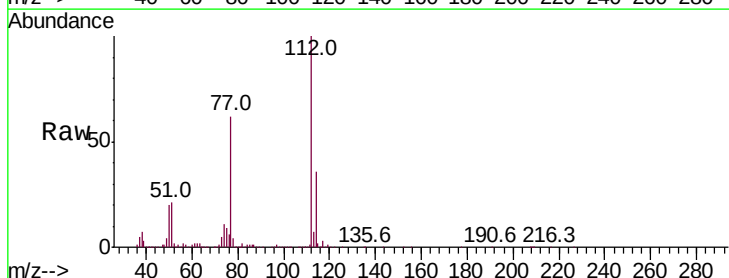
Manual Integrations
APPROVED

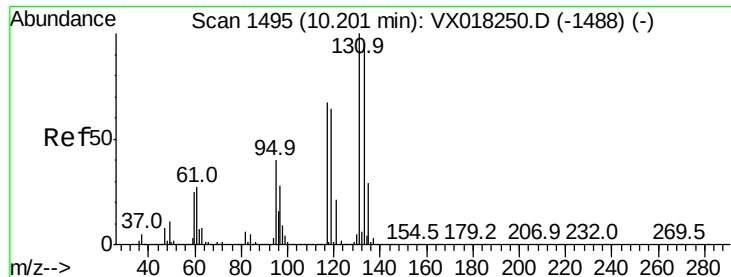
MMDadoda
9/8/2020 5:17:20 PM



#64
Chlorobenzene
Concen: 18.840 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.1	25.8	38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.898 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

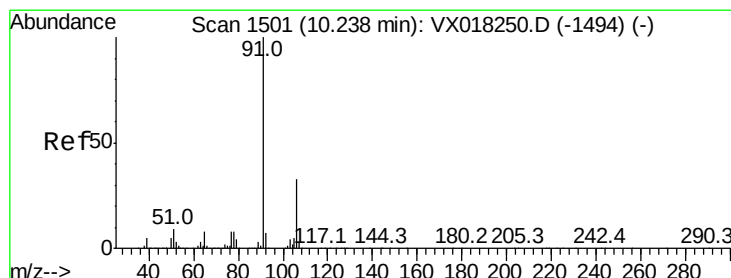
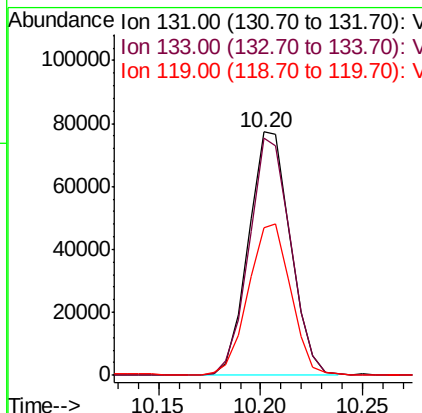
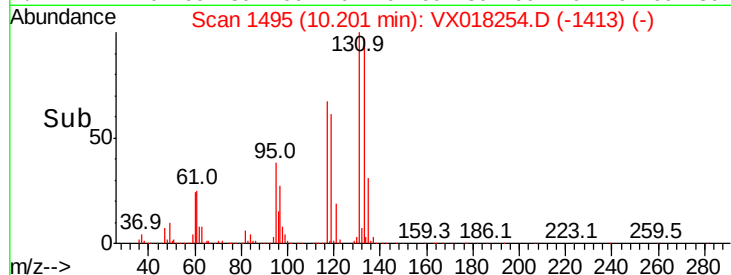
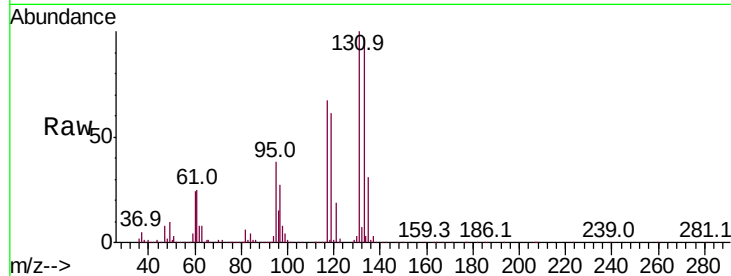
ClientSampled :

ICVVX090420

Tot Ion:	131	Resp:	110516
Ion Ratio	Lower	Upper	
131	100		
133	96.4	0.0	197.2
119	62.9	0.0	129.8

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#66

Ethyl Benzene

Concen: 19.168 ug/l

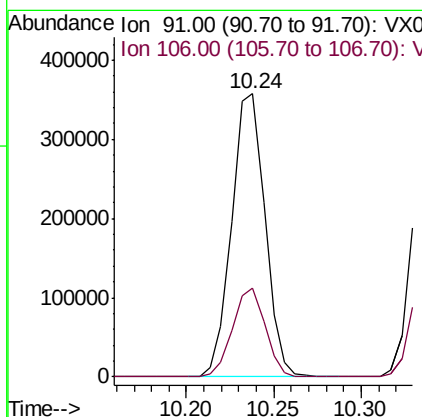
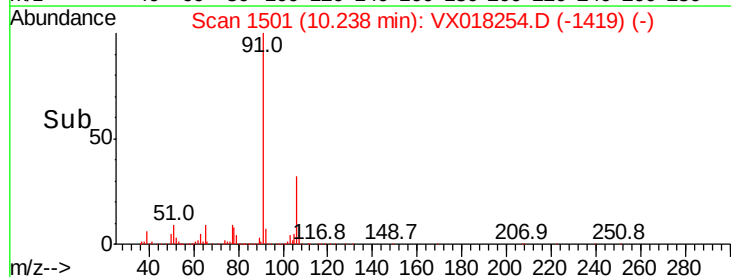
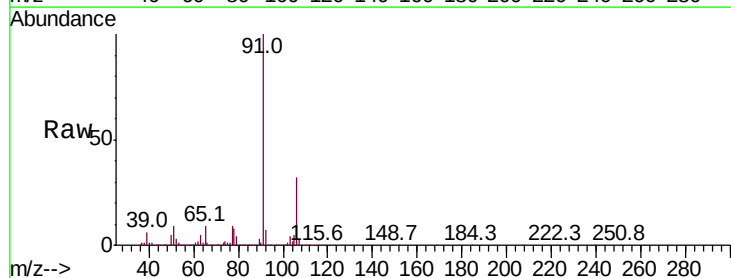
RT: 10.24 min Scan# 1501

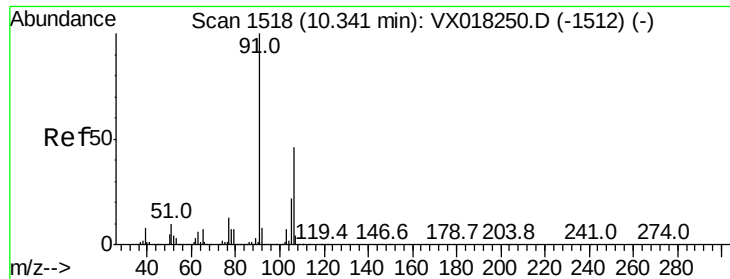
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	91	Resp:	475897
Ion Ratio	Lower	Upper	
91	100		
106	31.6	26.3	39.5





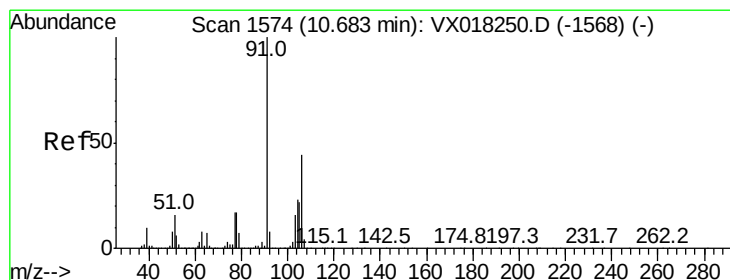
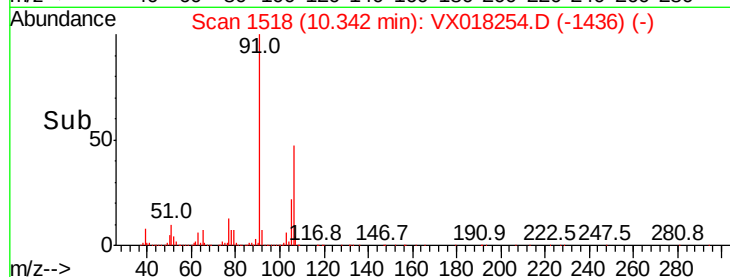
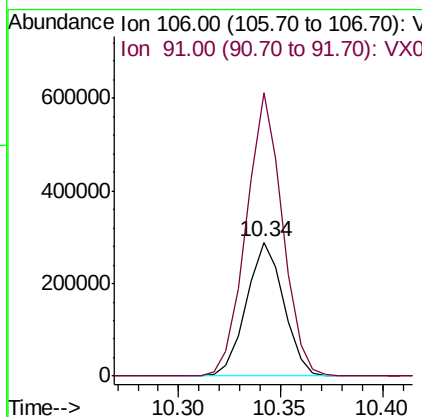
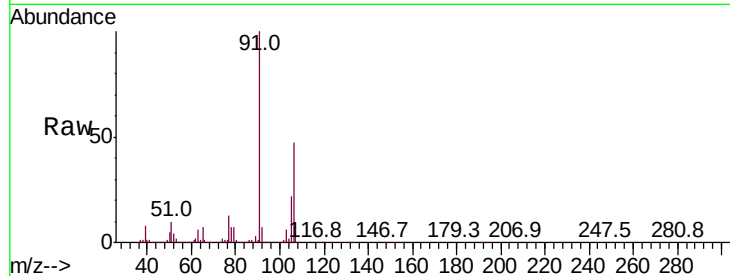
#67
m/p-Xylenes
Concen: 38.758 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.8	166.2	249.2

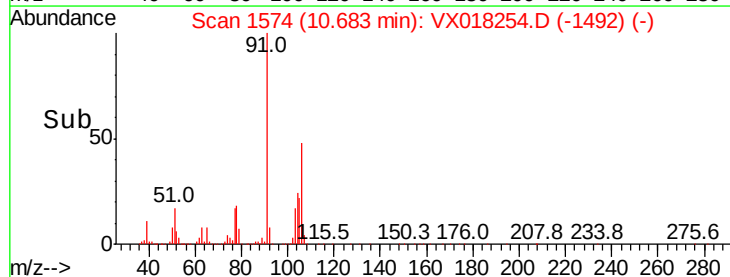
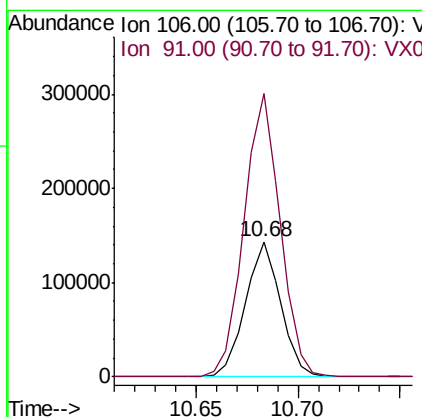
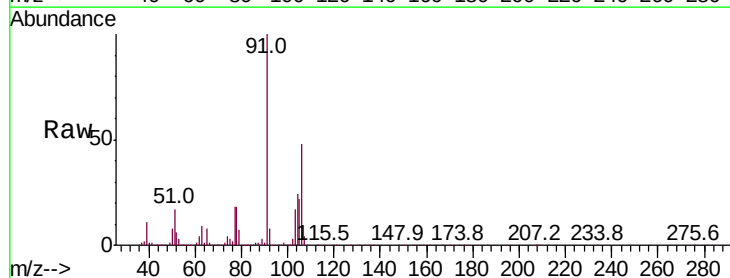
Manual Integrations
APPROVED

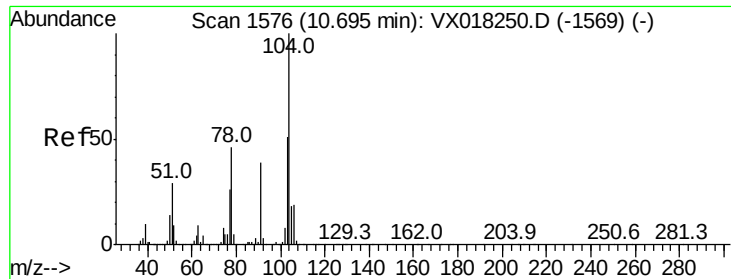
MMDadoda
9/8/2020 5:17:20 PM



#68
o-Xylene
Concen: 19.244 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.7	109.2	327.6





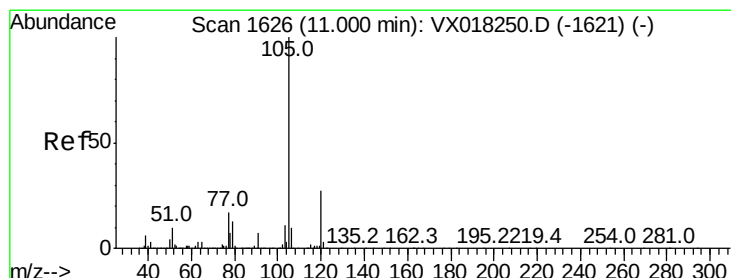
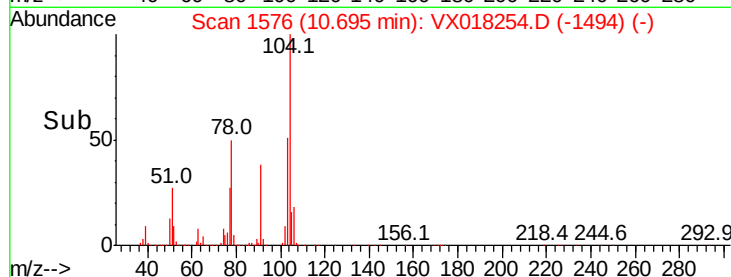
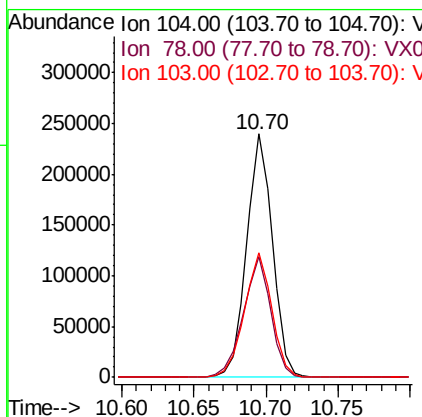
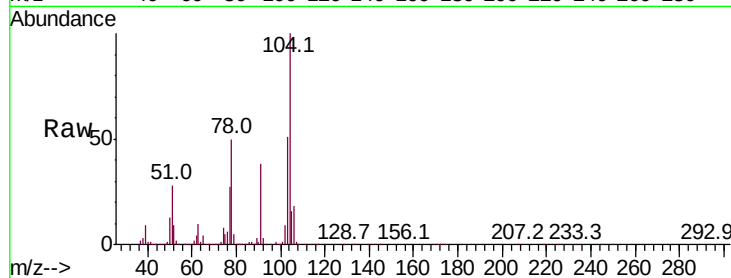
#69
Stvrene
Concen: 18.948 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
104	100	296579		
78	52.7		41.7	62.5
103	54.6		44.2	66.2

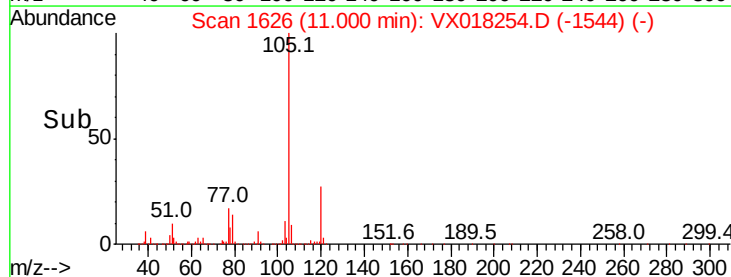
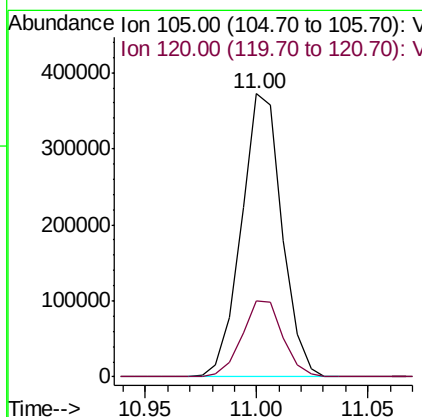
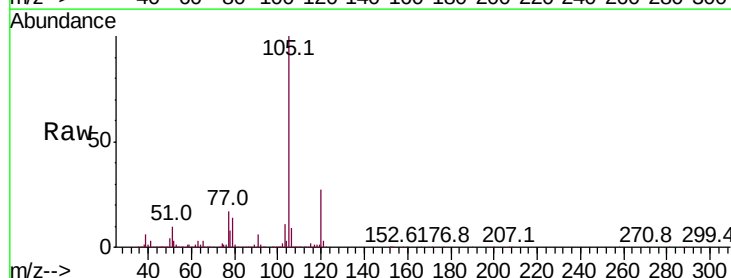
Manual Integrations
APPROVED

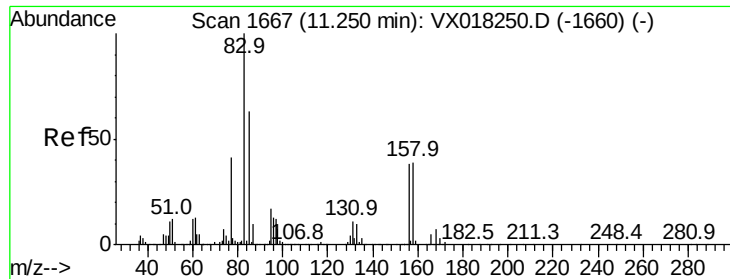
MMDadoda
9/8/2020 5:17:20 PM



#70
Isopropylbenzene
Concen: 19.002 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	474082		
120	27.0		18.7	34.7





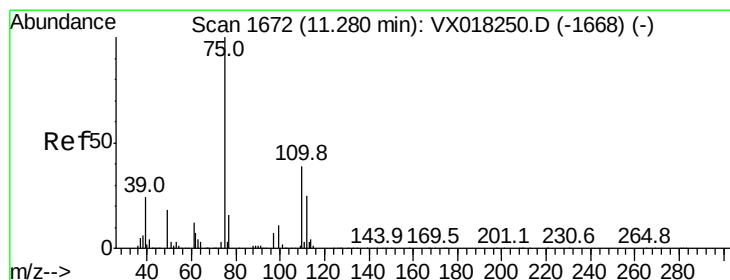
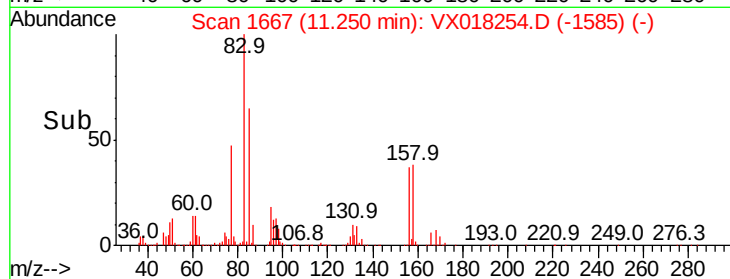
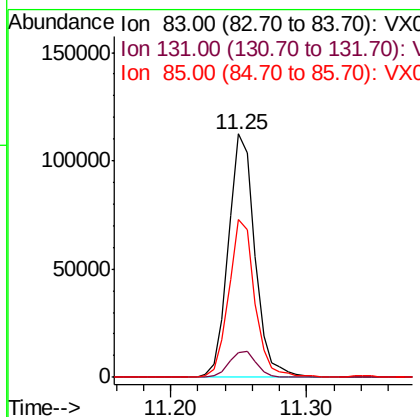
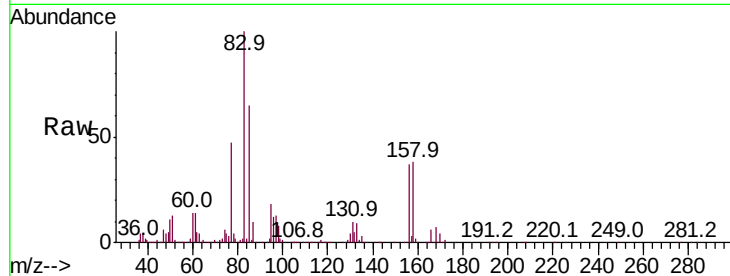
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.725 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
83	100	152663		
131	11.0	5.8	17.3	
85	63.5	31.3	93.9	

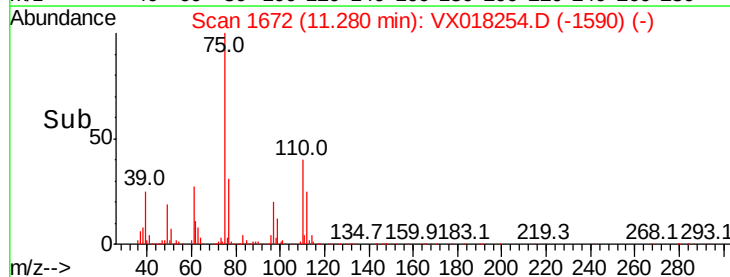
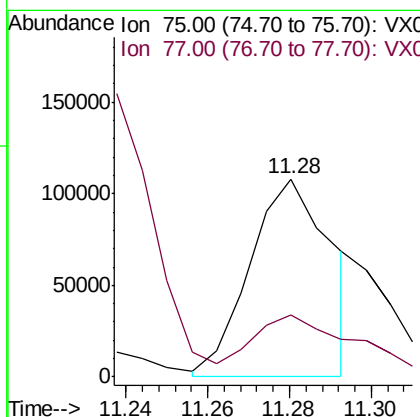
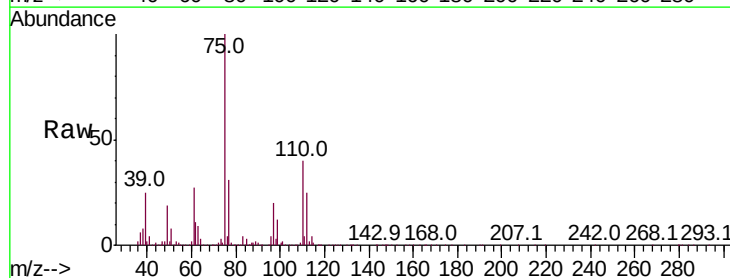
Manual Integrations
 APPROVED

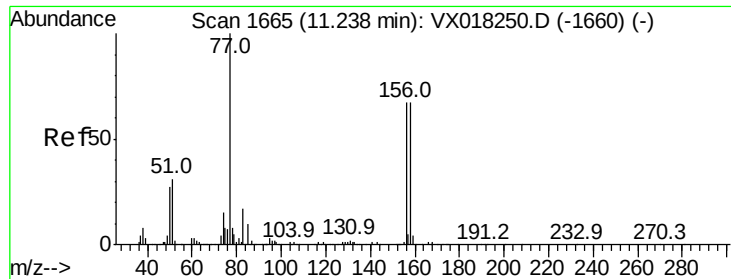
MMDadoda
 9/8/2020 5:17:20 PM



#72
 1,2,3-Trichloropropane
 Concen: 19.097 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149595		
77	38.0	0.0	74.8	





#73

Bromobenzene

Concen: 18.599 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

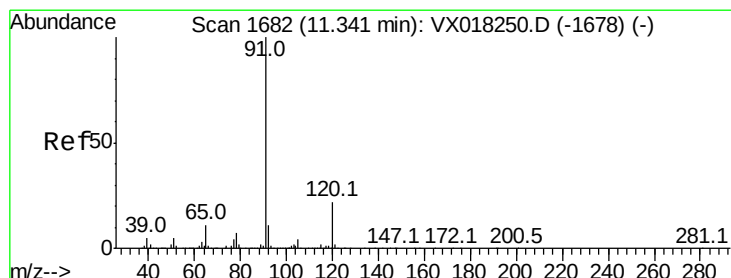
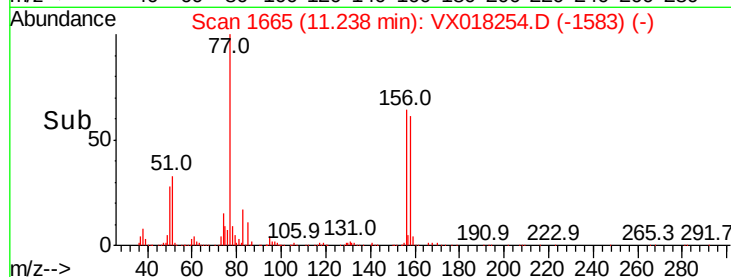
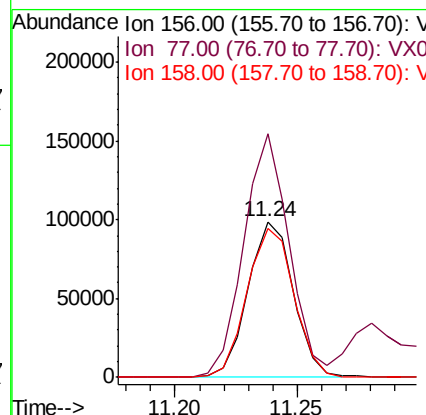
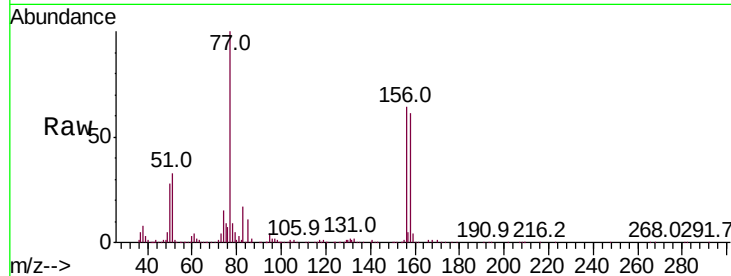
ClientSampleId :

ICVVX090420

Tot Ion:	156	Resp:	127124
Ion Ratio	Lower	Upper	
156	100		
77	156.1	0.0	311.0
158	99.0	0.0	194.4

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#74

n-propylbenzene

Concen: 19.016 ug/l

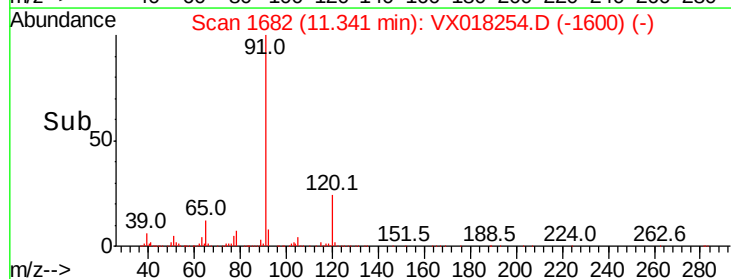
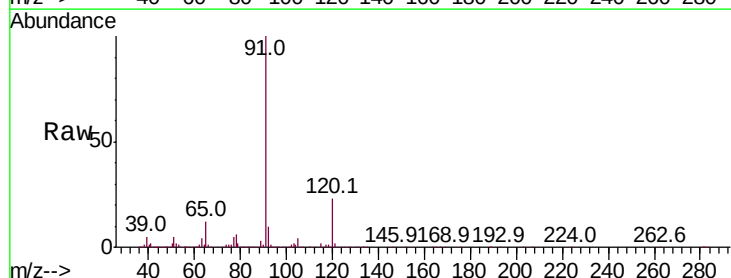
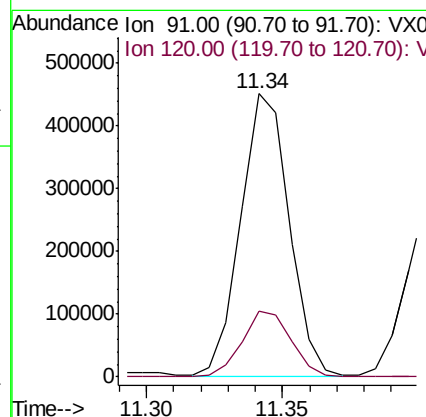
RT: 11.34 min Scan# 1682

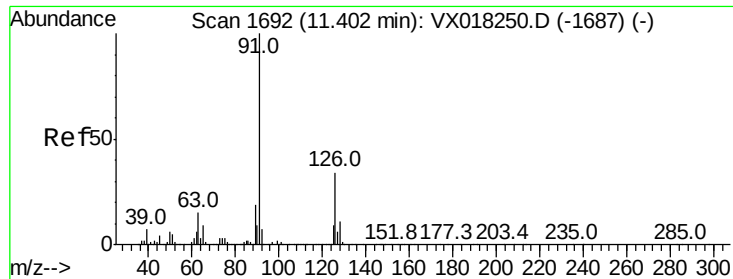
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	91	Resp:	558640
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	45.4





#75

2-Chlorotoluene

Concen: 19.083 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampled :

ICVVX090420

Tot Ion: 91 Resp: 339796

Ion Ratio Lower Upper

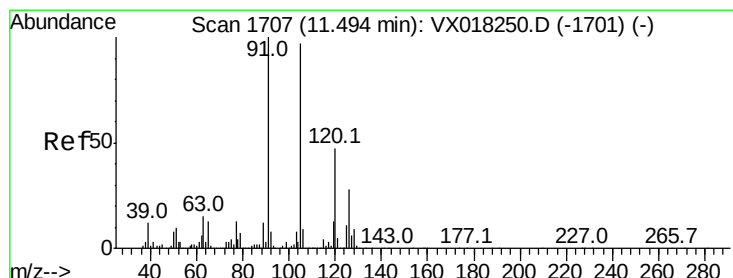
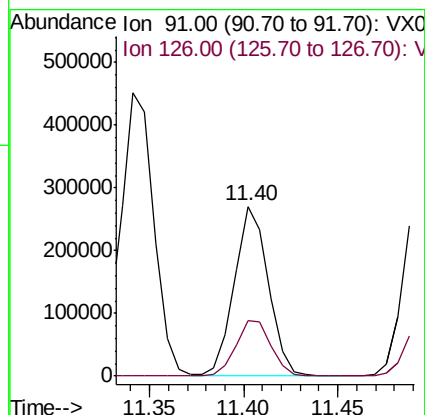
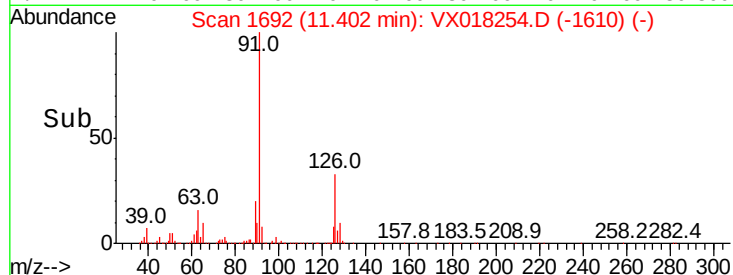
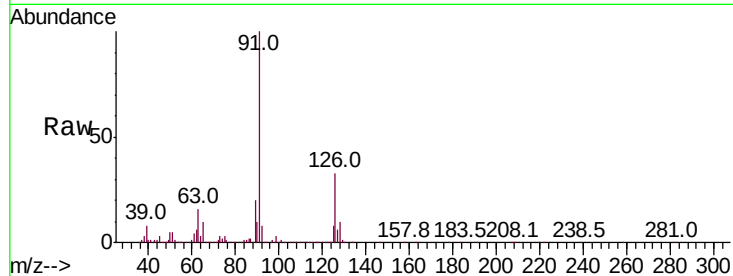
91 100

126 33.9 0.0 68.4

Manual Integrations
APPROVED

MMDadoda

9/8/2020 5:17:20 PM



#76

1,3,5-Trimethylbenzene

Concen: 19.279 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018254.D

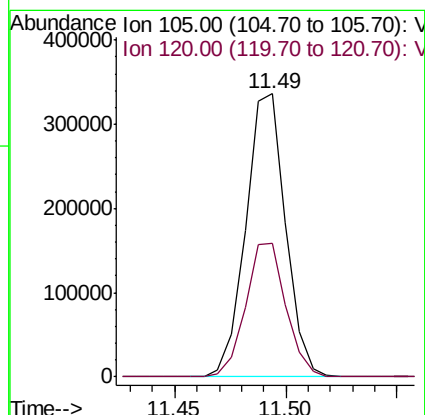
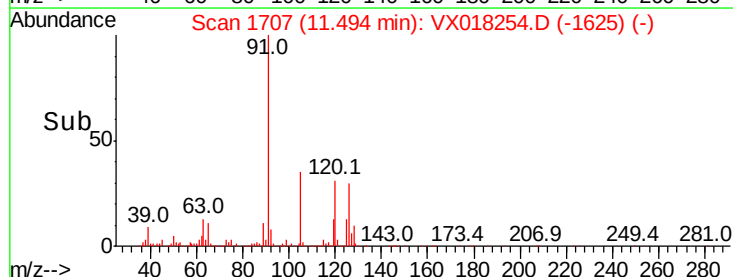
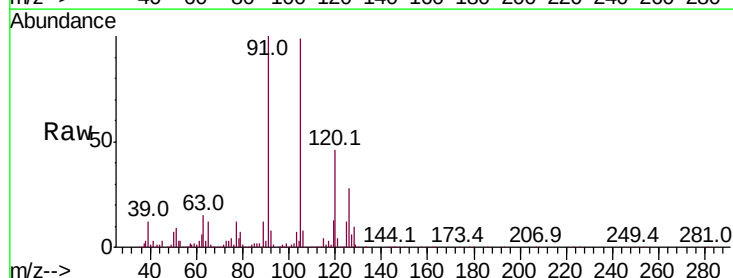
Acq: 04 Sep 2020 12:36

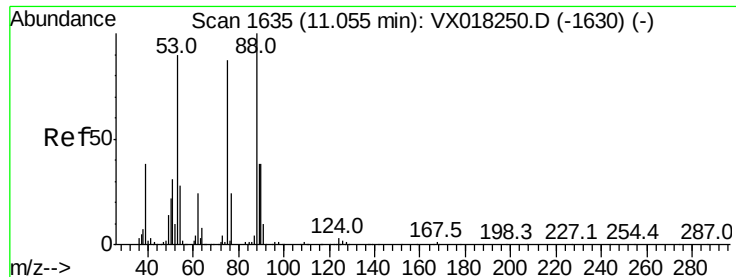
Tgt Ion: 105 Resp: 419035

Ion Ratio Lower Upper

105 100

120 47.9 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.675 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

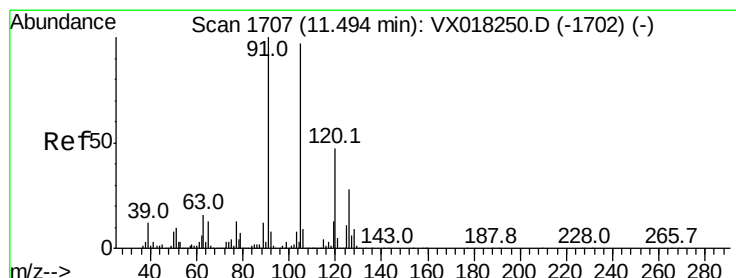
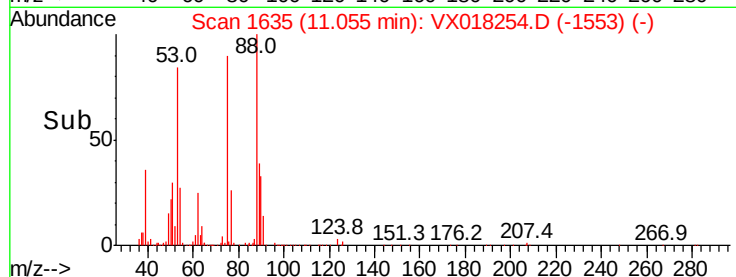
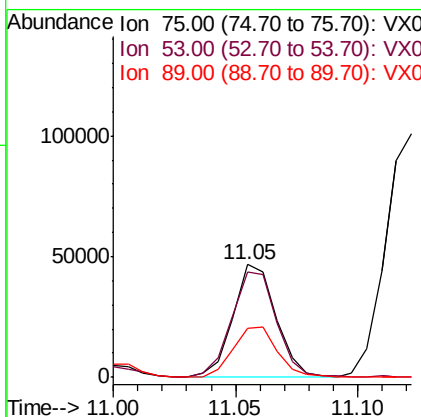
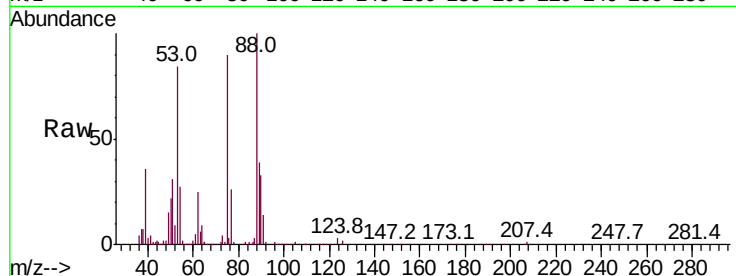
ClientSampleId :

ICVVX090420

Tot Ion:	75	Resp:	56850
Ion	Ratio	Lower	Upper
75	100		
53	93.8	52.1	156.4
89	43.0	22.1	66.3

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#78

4-Chlorotoluene

Concen: 19.233 ug/l

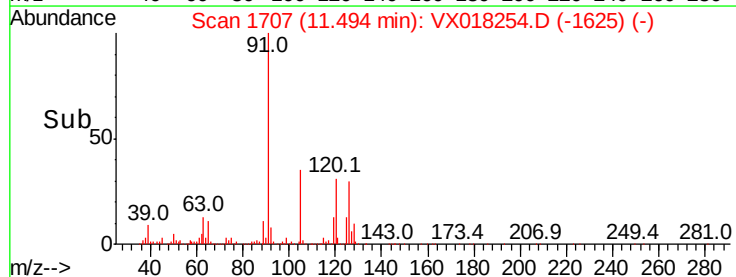
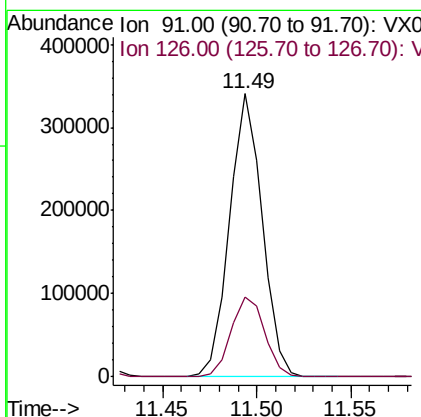
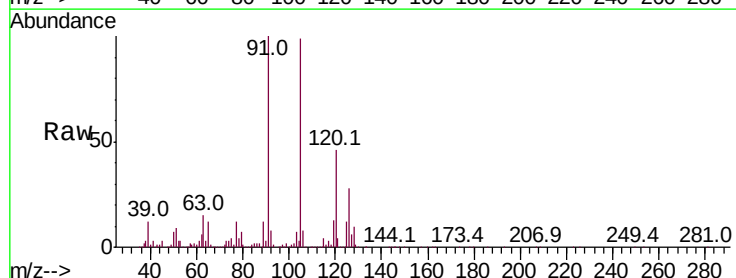
RT: 11.49 min Scan# 1707

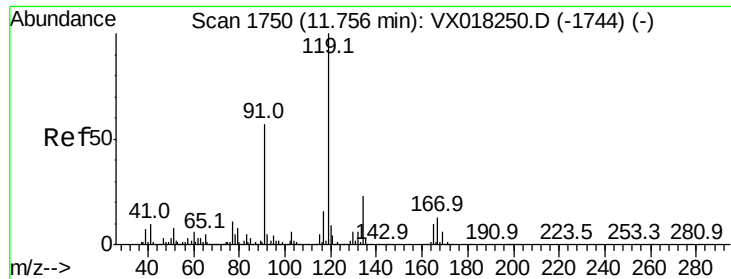
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion:	91	Resp:	408518
Ion	Ratio	Lower	Upper
91	100		
126	29.4	0.0	59.2





#79

tert-butylbenzene

Concen: 18.571 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

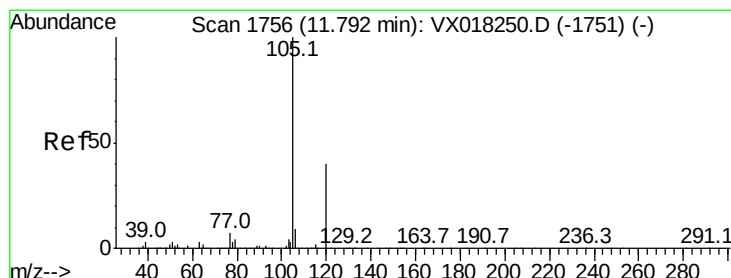
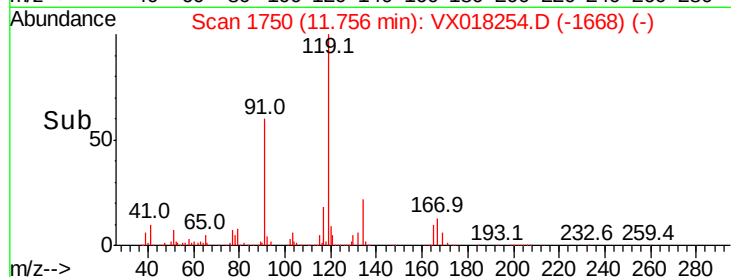
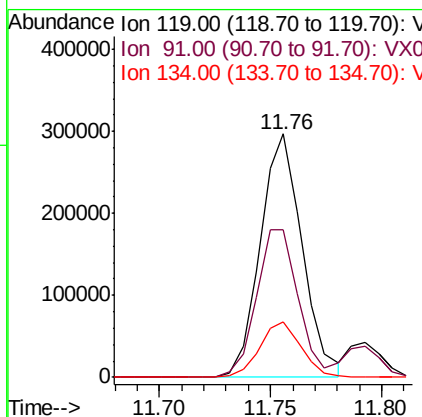
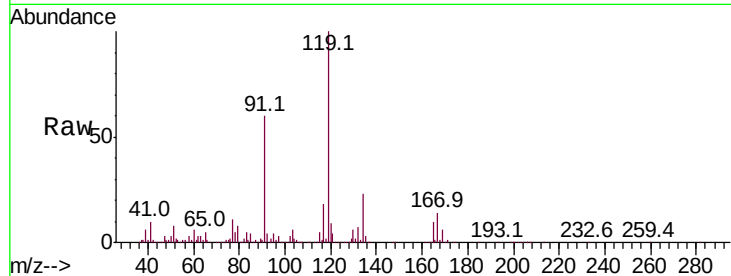
ClientSampleId :

ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
119	100	388835		
91	59.7	0.0	111.8	
134	22.5	0.0	42.4	

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#80

1,2,4-Trimethylbenzene

Concen: 19.608 ug/l

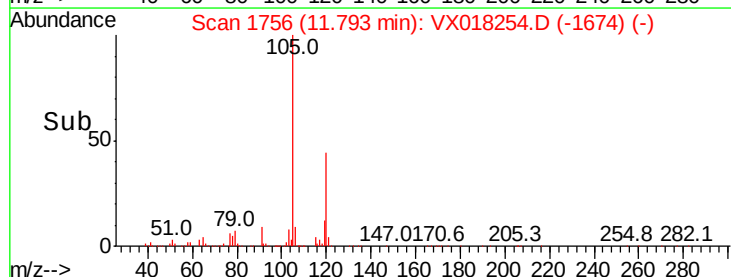
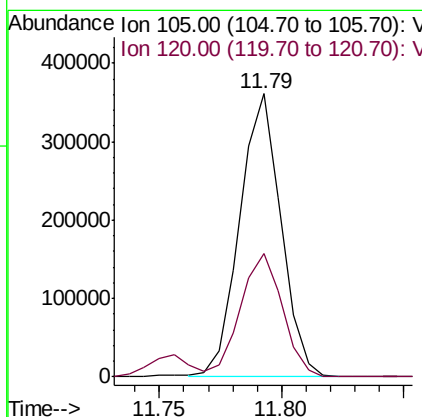
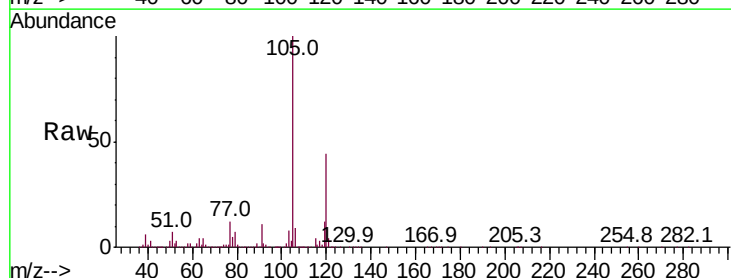
RT: 11.79 min Scan# 1756

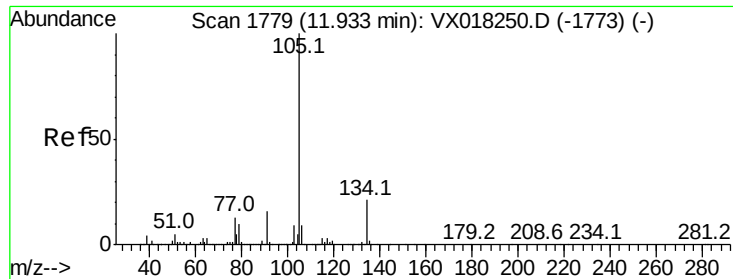
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	421515		
120	44.2	0.0	89.2	





#81

sec-Butylbenzene

Concen: 18.991 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX090420

Tot Ion:105 Resp: 464448

Ion Ratio Lower Upper

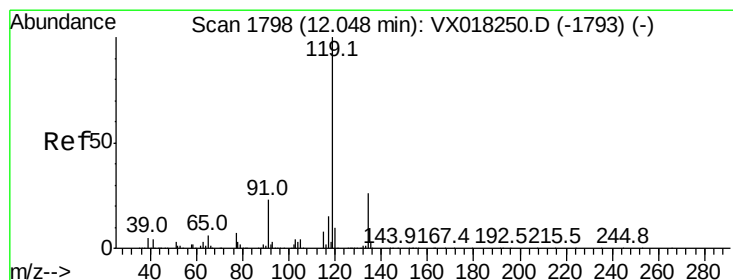
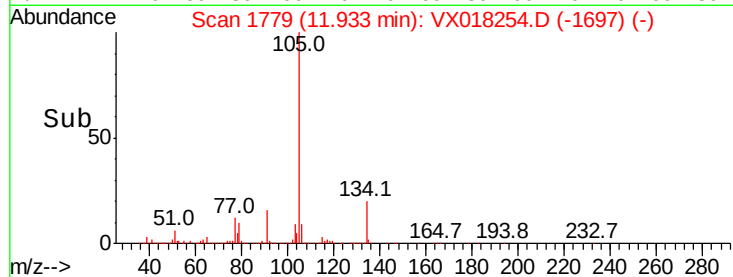
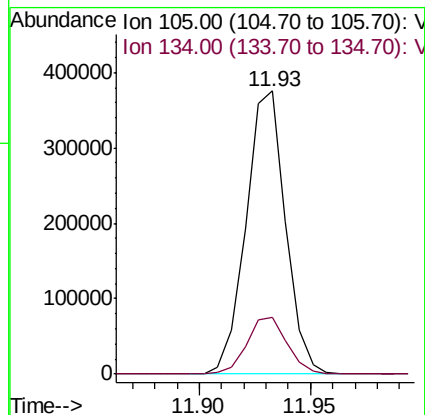
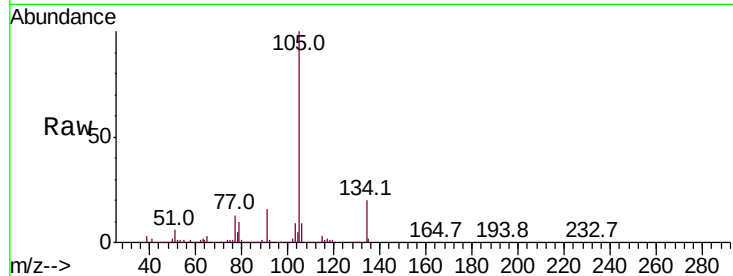
105 100

134 20.5 0.0 40.0

Manual Integrations
APPROVED

MMDadoda

9/8/2020 5:17:20 PM



#82

p-Isopropyltoluene

Concen: 19.238 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

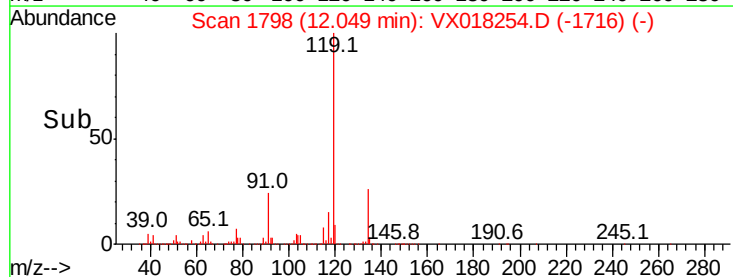
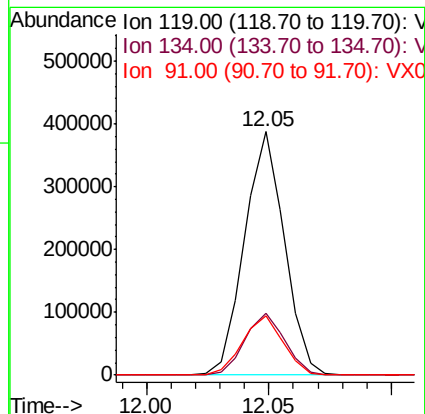
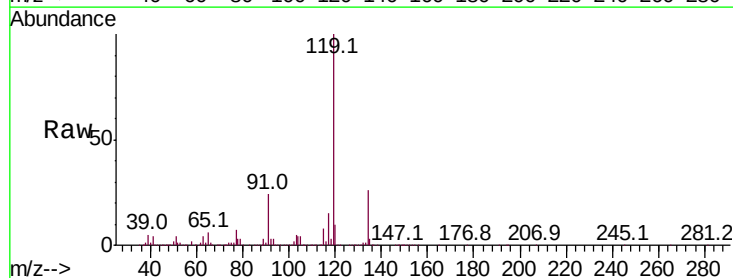
Tgt Ion:119 Resp: 438671

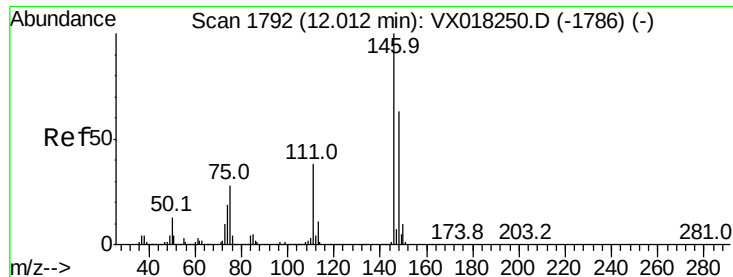
Ion Ratio Lower Upper

119 100

134 25.8 0.0 53.0

91 24.6 0.0 49.8





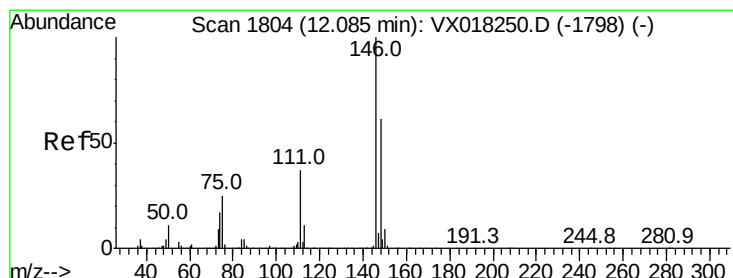
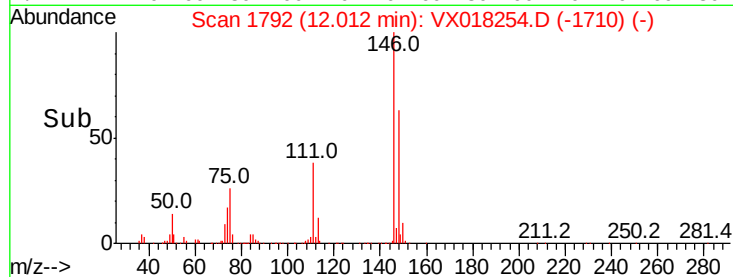
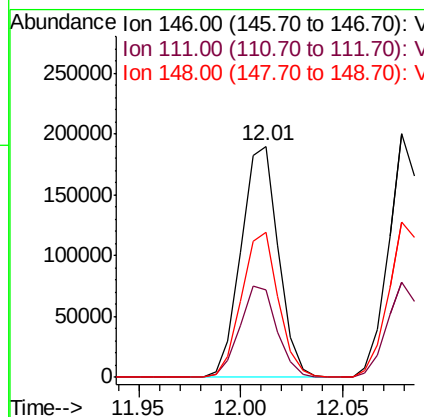
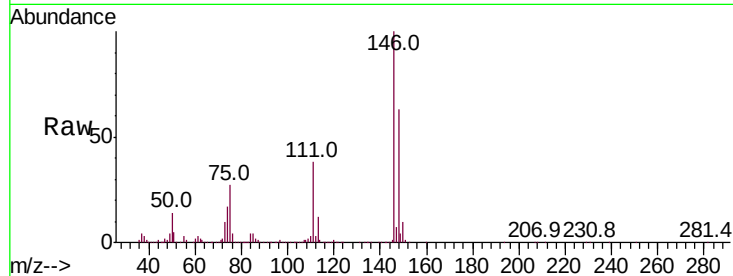
#83
 1,3-Dichlorobenzene
 Concen: 19.798 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	61.5	32.1	96.3

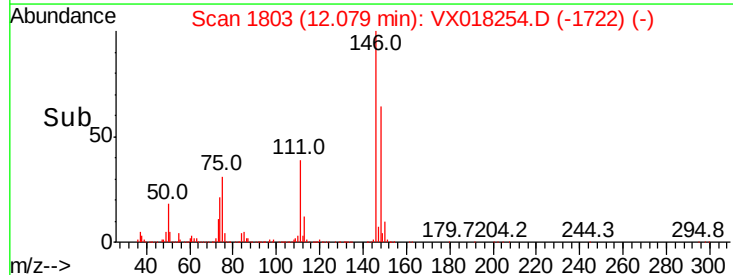
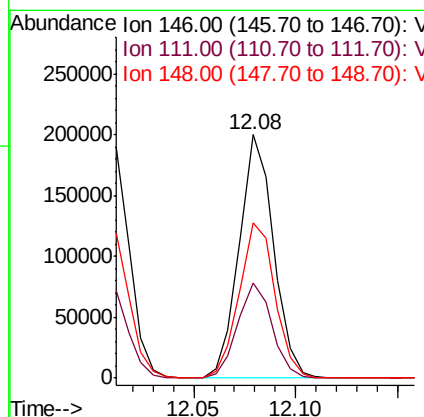
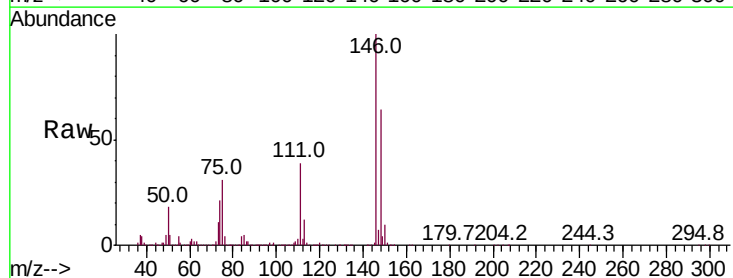
Manual Integrations
 APPROVED

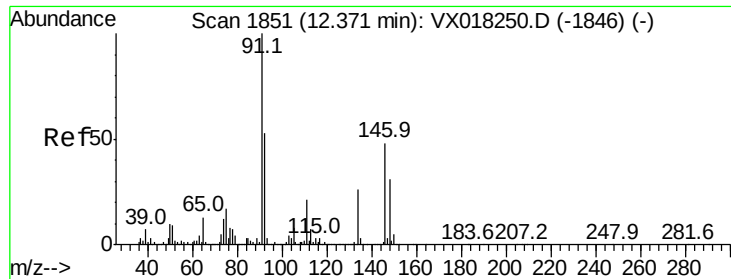
MMDadoda
 9/8/2020 5:17:20 PM



#84
 1,4-Dichlorobenzene
 Concen: 19.205 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.3	57.8
148	66.6	31.7	95.1





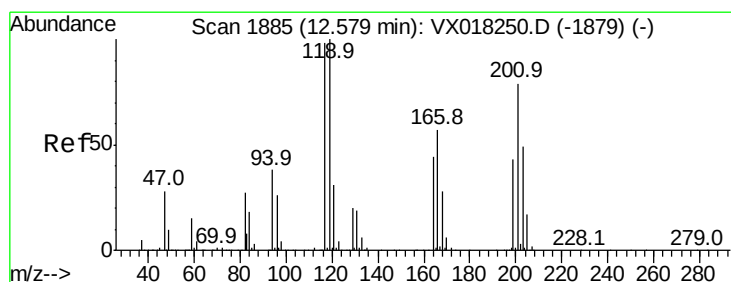
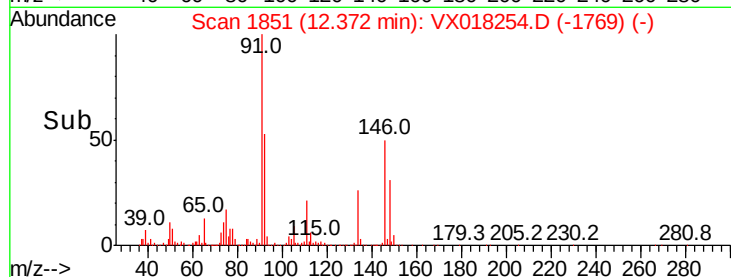
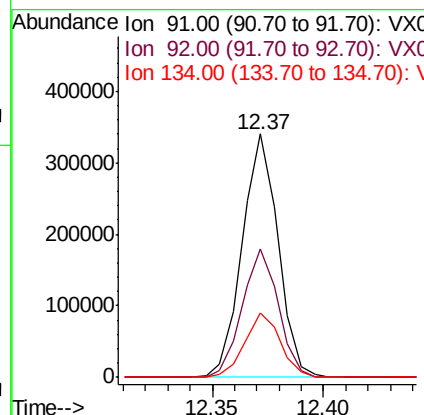
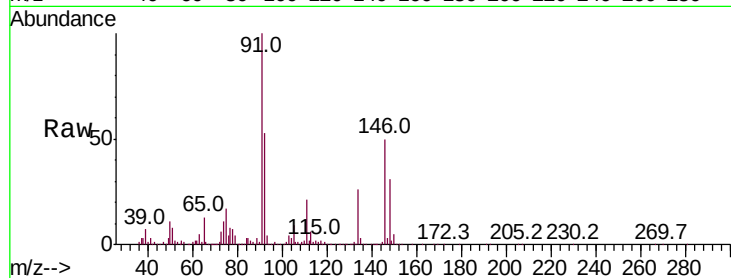
#85
n-Butylbenzene
Concen: 19.004 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
91	100	381520		
92	53.3		0.0	105.0
134	26.2		0.0	51.0

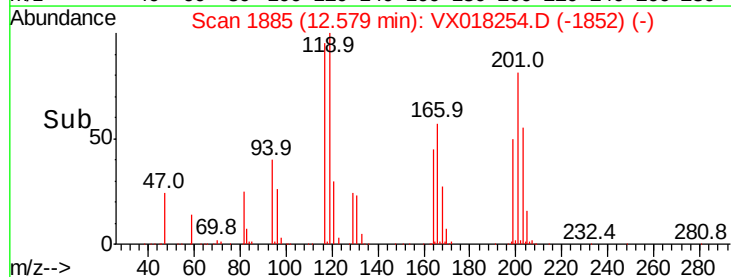
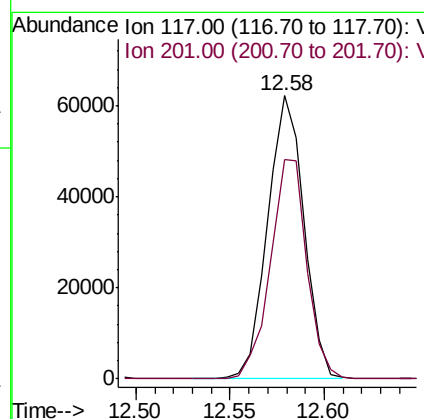
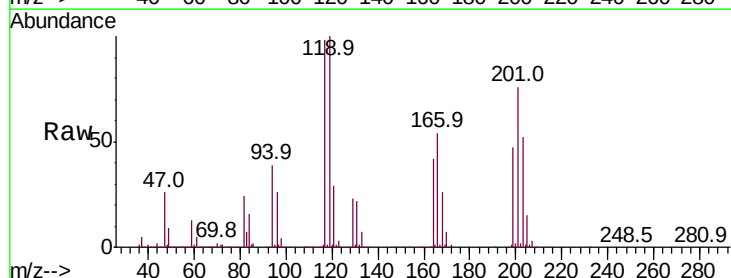
Manual Integrations
APPROVED

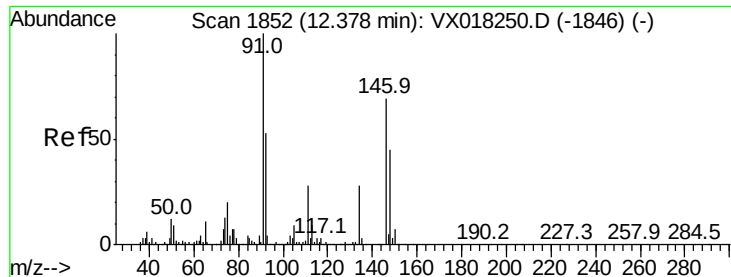
MMDadoda
9/8/2020 5:17:20 PM



#86
Hexachloroethane
Concen: 18.495 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	83034		
201	77.9		39.6	118.8





#87

1,2-Dichlorobenzene

Concen: 19.841 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018254.D

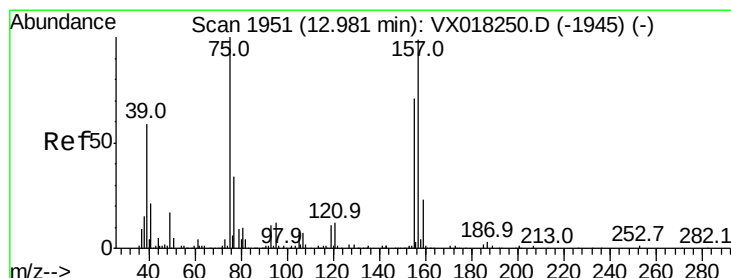
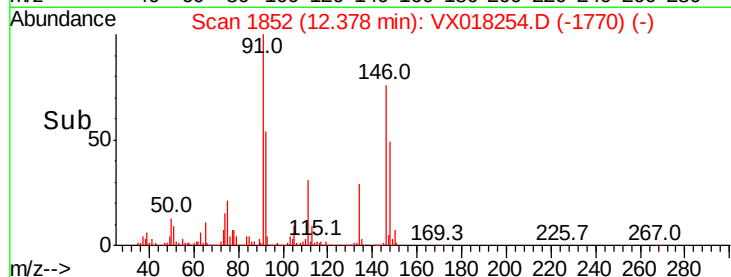
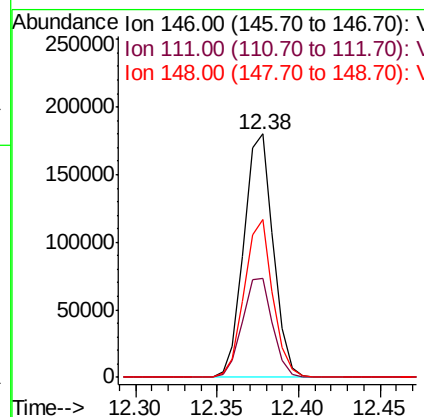
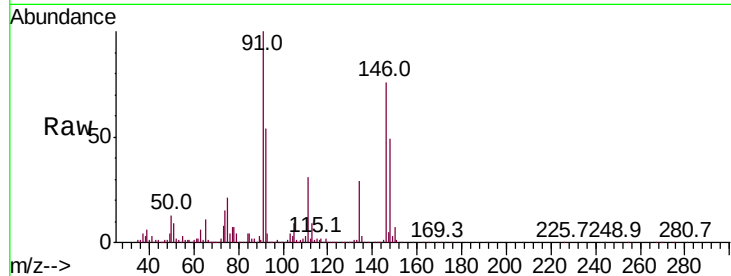
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.4	64.3
148	62.5	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.617 ug/l

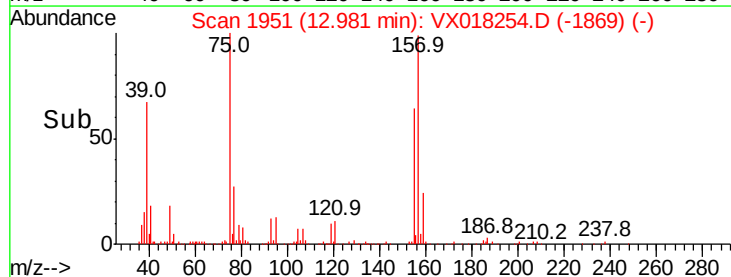
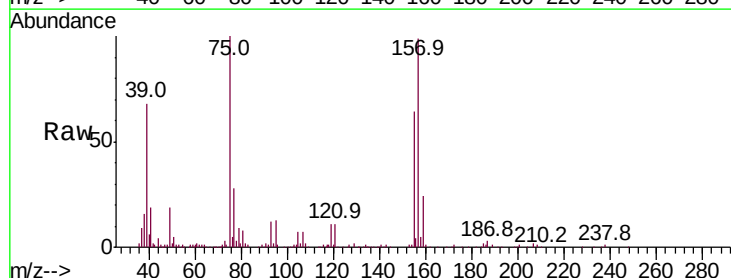
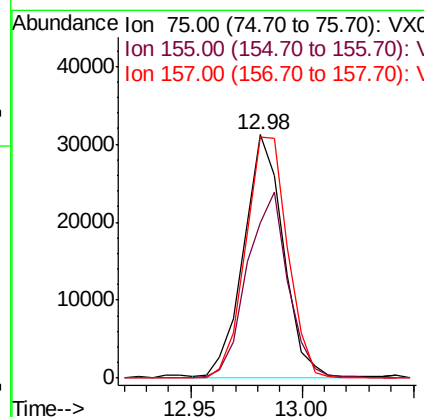
RT: 12.98 min Scan# 1951

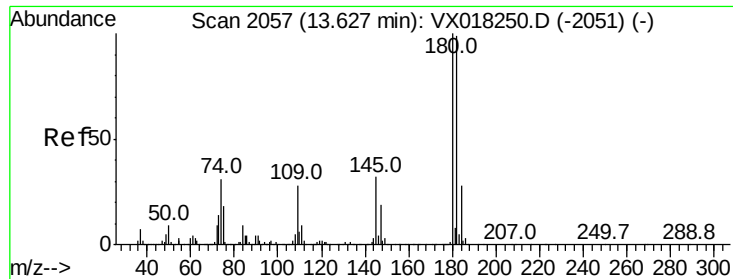
Delta R.T. 0.00 min

Lab File: VX018254.D

Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	63.4	95.2
157	104.6	87.0	130.6





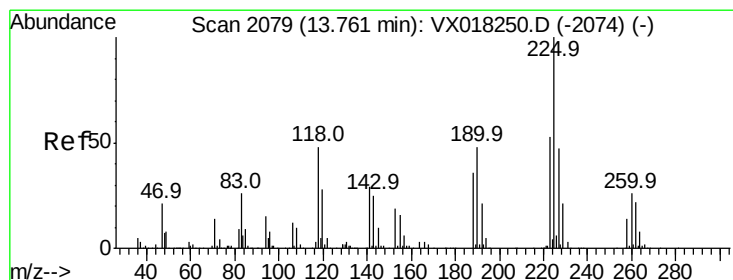
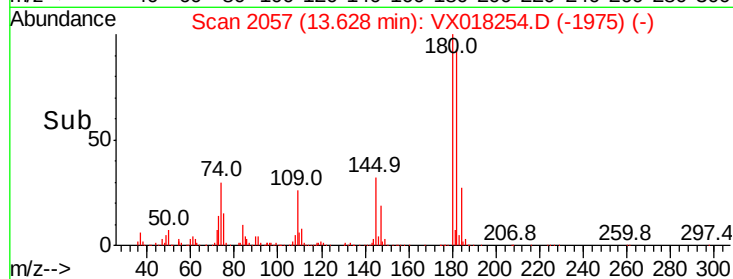
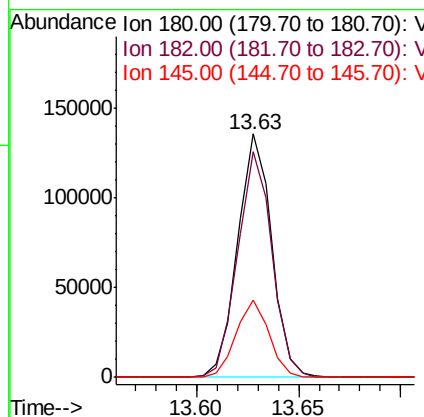
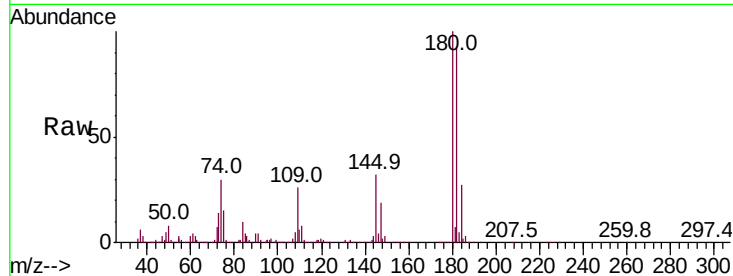
#89
 1,2,4-Trichlorobenzene
 Concen: 20.068 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090420

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155372		
182	94.2	77.1	115.7	
145	31.2	25.0	37.6	

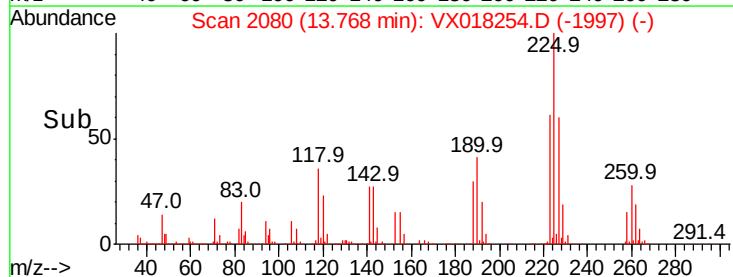
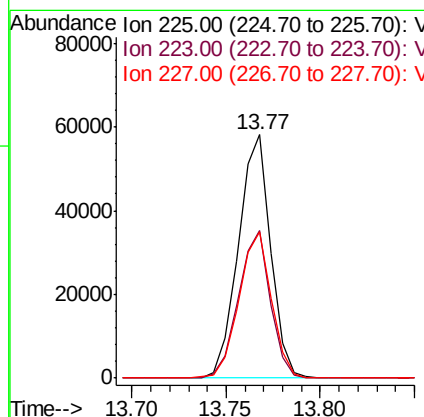
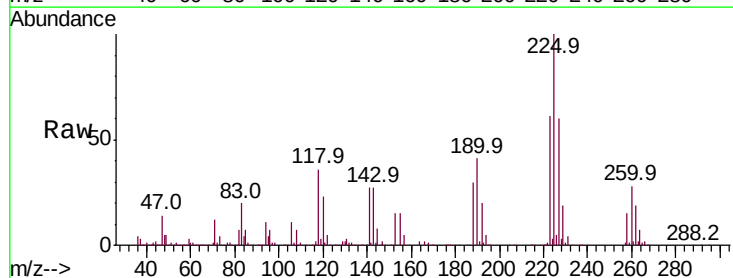
Manual Integrations
 APPROVED

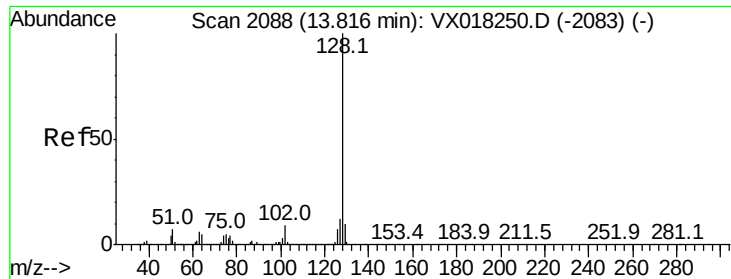
MMDadoda
 9/8/2020 5:17:20 PM



#90
 Hexachlorobutadiene
 Concen: 21.090 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018254.D
 Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69066		
223	59.7	0.0	115.8	
227	60.2	0.0	117.0	





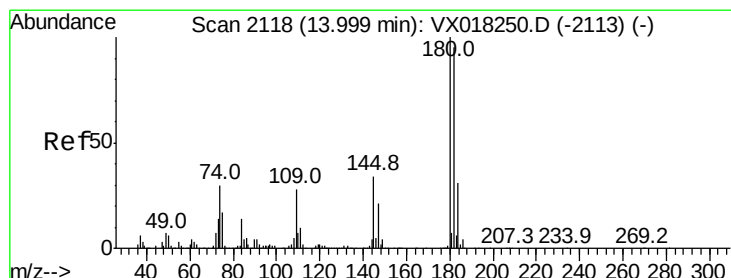
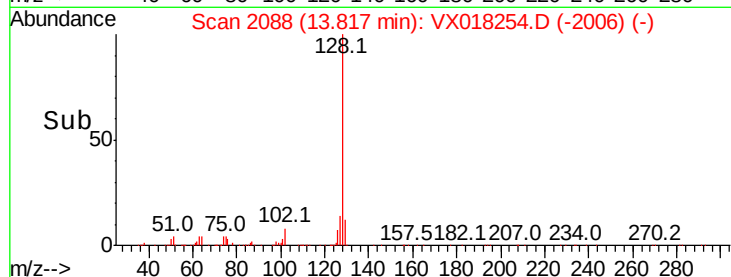
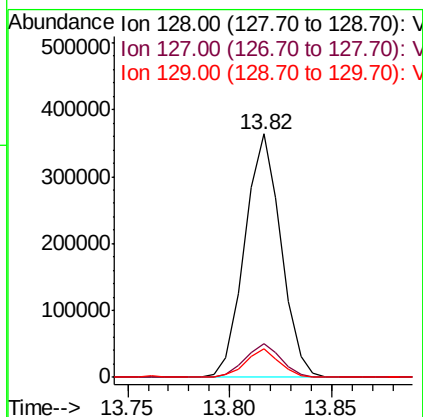
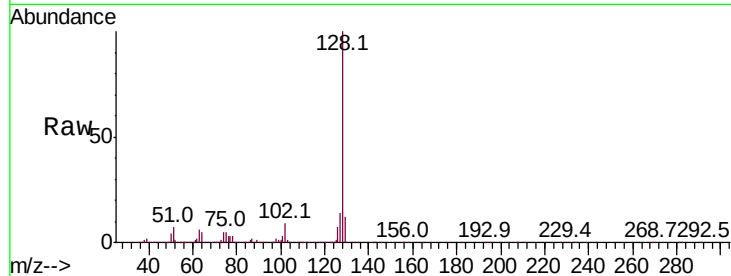
#91
Naphthalene
Concen: 18.517 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX090420

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:17:20 PM



#92
1,2,3-Trichlorobenzene
Concen: 19.539 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018254.D
Acq: 04 Sep 2020 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	191.6
145	31.9	0.0	67.4

