

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018266.D
 Acq On : 08 Sep 2020 11:47
 Operator : JC/SP
 Sample : VX0908WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:17 PM

Quant Time: Sep 09 01:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	425606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	627344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	597772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	292180	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.46	113	223913	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.70	98	781704	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.12	95	309383	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	96313	18.587	ug/l	100
3) Chloromethane	1.31	50	86312	15.799	ug/l	98
4) Vinyl Chloride	1.39	62	91401	16.807	ug/l	96
5) Bromomethane	1.63	94	63152	24.076	ug/l	96
6) Chloroethane	1.71	64	54852	18.779	ug/l	100
7) Trichlorofluoromethane	1.92	101	158384	21.359	ug/l	95
8) Diethyl Ether	2.17	74	50467	20.068	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80930	20.187	ug/l	100
10) Methyl Iodide	2.49	142	74930	20.909	ug/l	98
11) Tert butyl alcohol	3.01	59	97856	85.179	ug/l	100
12) 1,1-Dichloroethene	2.36	96	74713	17.963	ug/l	94
13) Acrolein	2.27	56	24491	51.414	ug/l	100
14) Allyl chloride	2.71	41	134993	18.065	ug/l	96
15) Acrylonitrile	3.11	53	226623	86.963	ug/l	99
16) Acetone	2.42	43	208466	90.546	ug/l	95
17) Carbon Disulfide	2.55	76	207686	16.518	ug/l	100
18) Methyl Acetate	2.75	43	110597	19.907	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	277844	19.479	ug/l	100
20) Methylene Chloride	2.83	84	88194	17.987	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	84002	18.229	ug/l	99
22) Diisopropyl ether	3.82	45	271949	18.439	ug/l	# 81
23) Vinyl Acetate	3.78	43	1207915	92.042	ug/l	98
24) 1,1-Dichloroethane	3.67	63	153593	18.295	ug/l	99
25) 2-Butanone	4.63	43	320109	84.601	ug/l	100
26) 2,2-Dichloropropane	4.54	77	145267	21.266	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	94935	17.881	ug/l	99
28) Bromochloromethane	4.98	49	72971	18.006	ug/l	95
29) Tetrahydrofuran	5.09	42	199254	82.724	ug/l	98
30) Chloroform	5.18	83	169856	19.539	ug/l	97
31) Cyclohexane	5.54	56	120382	17.022	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	155261	19.462	ug/l	100
36) 1,1-Dichloropropene	5.77	75	113823	19.671	ug/l	98
37) Ethyl Acetate	4.79	43	123212	18.334	ug/l	98
38) Carbon Tetrachloride	5.75	117	142216	21.809	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018266.D
 Acq On : 08 Sep 2020 11:47
 Operator : JC/SP
 Sample : VX0908WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0908WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:17 PM

Quant Time: Sep 09 01:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	121048	19.132	ug/l	93
40) Benzene	6.11	78	334306	19.662	ug/l	100
41) Methacrylonitrile	5.00	41	68338	18.520	ug/l	98
42) 1,2-Dichloroethane	6.16	62	144882	22.241	ug/l	98
43) Isopropyl Acetate	6.41	43	201330	18.548	ug/l	99
44) Trichloroethene	7.19	130	96805	20.150	ug/l	97
45) 1,2-Dichloropropane	7.49	63	86380	18.850	ug/l	92
46) Dibromomethane	7.63	93	66268	20.565	ug/l	99
47) Bromodichloromethane	7.87	83	135647	21.082	ug/l	97
48) Methyl methacrylate	7.74	41	100506	18.600	ug/l	98
49) 1,4-Dioxane	7.71	88	34175	349.148	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	630504	94.034	ug/l	100
52) Toluene	8.76	92	212957	19.753	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	147270	20.652	ug/l	91
54) cis-1,3-Dichloropropene	8.42	75	155638	20.603	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	93106	20.249	ug/l	98
56) Ethyl methacrylate	9.16	69	128092	18.739	ug/l	98
57) 1,3-Dichloropropane	9.35	76	149038	19.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	246065	80.023	ug/l	99
59) 2-Hexanone	9.47	43	469760	92.138	ug/l	100
60) Dibromochloromethane	9.56	129	111807	20.728	ug/l	100
61) 1,2-Dibromoethane	9.65	107	96497	19.330	ug/l	100
64) Tetrachloroethene	9.32	164	95406	21.719	ug/l	91
65) Chlorobenzene	10.12	112	237075	19.858	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	99601	21.167	ug/l	98
67) Ethyl Benzene	10.23	91	403914	19.894	ug/l	99
68) m/p-Xylenes	10.34	106	306246	40.412	ug/l	97
69) o-Xylene	10.68	106	147041	20.016	ug/l	99
70) Styrene	10.70	104	251235	20.082	ug/l	99
71) Bromoform	10.84	173	81398	20.281	ug/l #	97
73) Isopropylbenzene	11.00	105	398272	18.343	ug/l	98
74) N-amyl acetate	10.88	43	169025	16.407	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	131499	17.168	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	130848m	17.869	ug/l	
77) Bromobenzene	11.24	156	111962	18.655	ug/l	95
78) n-propylbenzene	11.34	91	461315	18.712	ug/l	100
79) 2-Chlorotoluene	11.40	91	281830	18.503	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	352912	19.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	47119	17.379	ug/l	97
82) 4-Chlorotoluene	11.49	91	339880	18.770	ug/l	99
83) tert-Butylbenzene	11.76	119	335343	19.045	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	352431	19.320	ug/l	99
85) sec-Butylbenzene	11.93	105	393110	19.632	ug/l	98
86) p-Isopropyltoluene	12.05	119	373079	20.284	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	202072	19.177	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	202768	19.218	ug/l	99
89) n-Butylbenzene	12.37	91	317527	18.914	ug/l	98
90) Hexachloroethane	12.58	117	73381	20.278	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	199686	20.131	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	34010	17.758	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
Data File : VX018266.D
Acq On : 08 Sep 2020 11:47
Operator : JC/SP
Sample : VX0908WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM

Quant Time: Sep 09 01:34:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	129451	19.571	ug/l	98
94) Hexachlorobutadiene	13.77	225	61102	23.420	ug/l	94
95) Naphthalene	13.82	128	386073	17.736	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	119140	18.229	ug/l	92

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

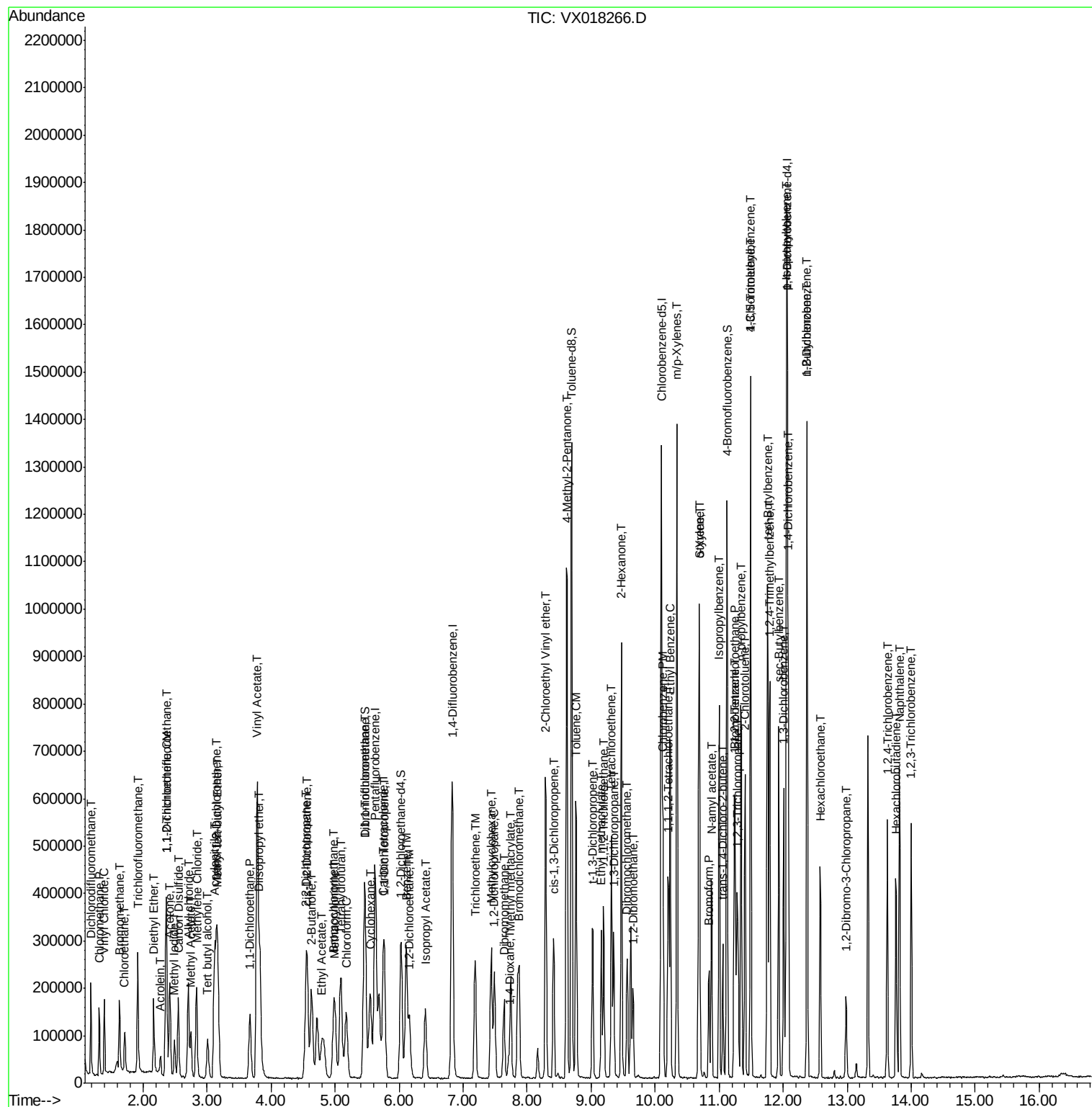
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
Data File : VX018266.D
Acq On : 08 Sep 2020 11:47
Operator : JC/SP
Sample : VX0908WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

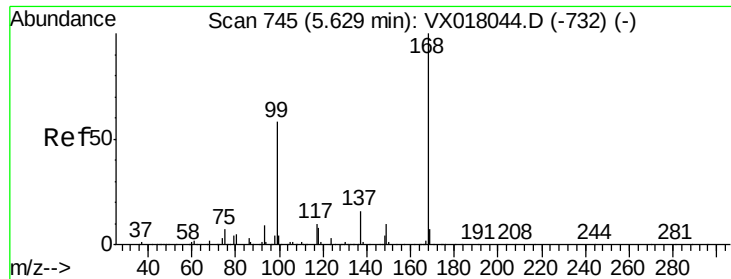
Instrument :
MSVOA_X
ClientSampled :
VX0908WBSD01

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM

Quant Time: Sep 09 01:34:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBSD01

Tgt Ion: 168 Resp: 425606

Ion Ratio Lower Upper

168 100

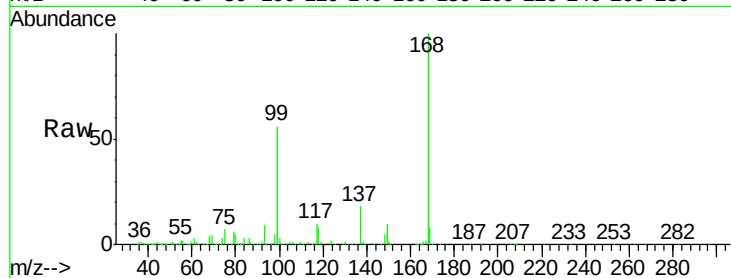
99 56.2 46.3 69.5

Manual Integrations

APPROVED

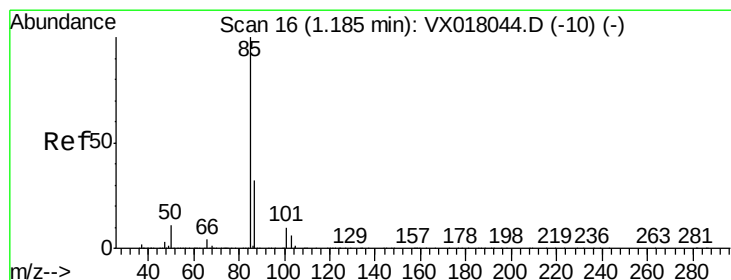
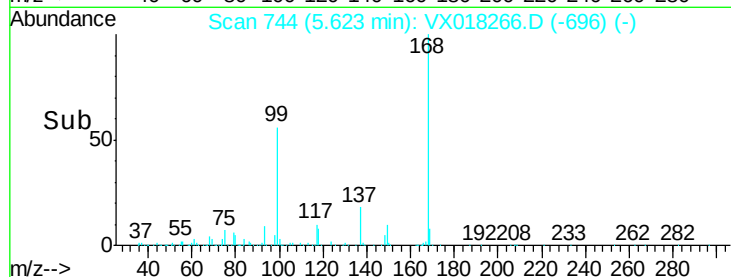
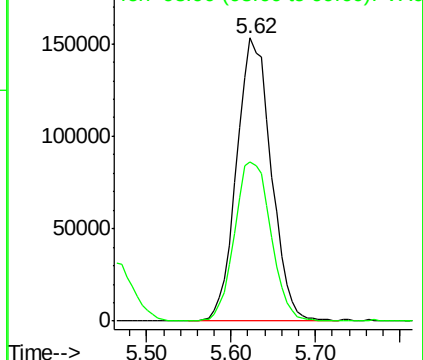
MMDadoda

9/9/2020 8:48:17 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.587 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018266.D

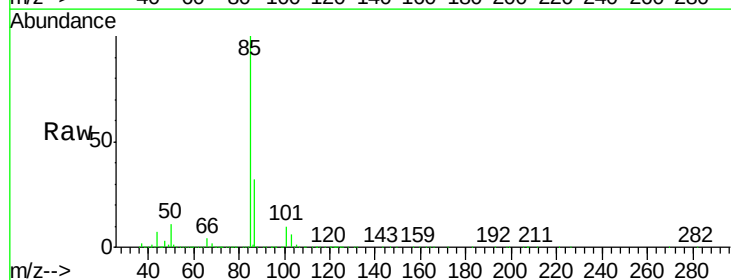
Acq: 08 Sep 2020 11:47

Tgt Ion: 85 Resp: 96313

Ion Ratio Lower Upper

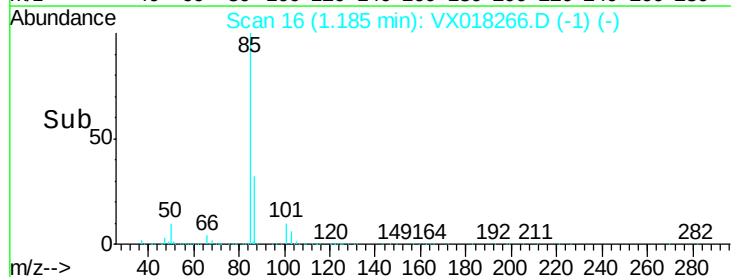
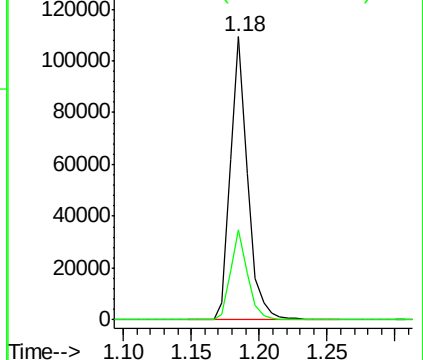
85 100

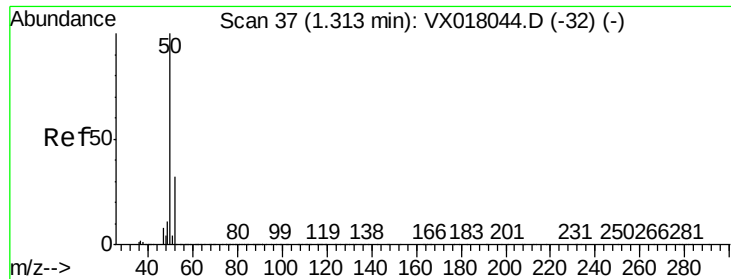
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.799 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBSD01

Tgt Ion: 50 Resp: 86312

Ion Ratio Lower Upper

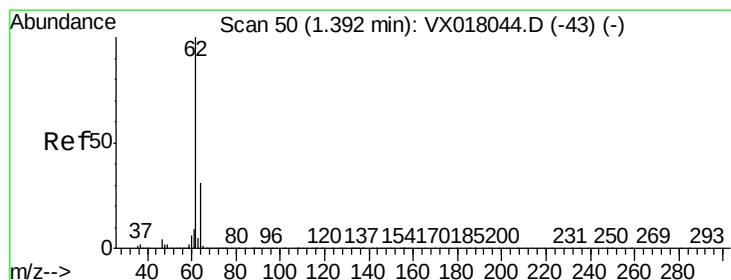
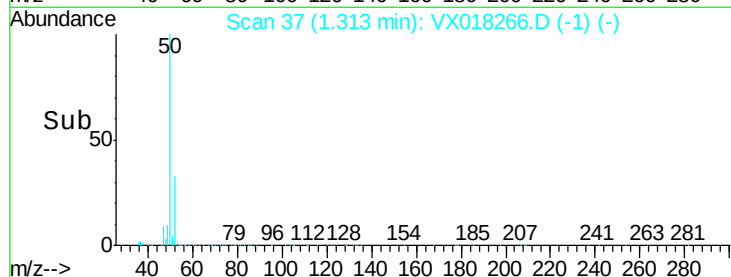
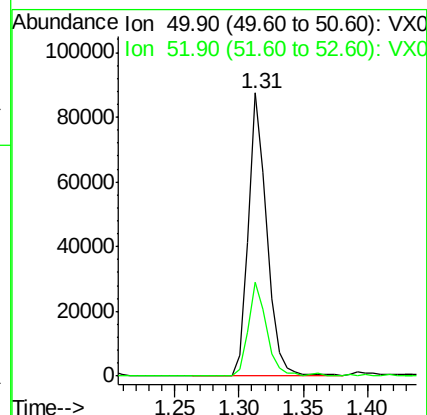
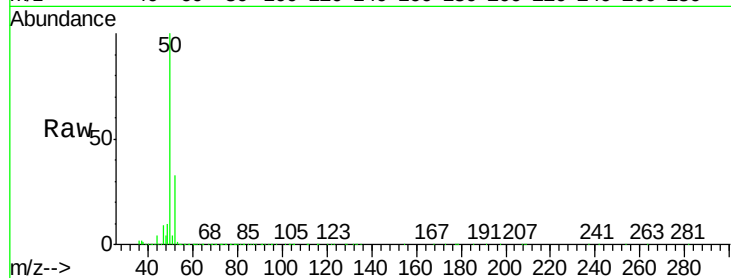
50 100

52 32.8 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



#4

Vinyl Chloride

Concen: 16.807 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018266.D

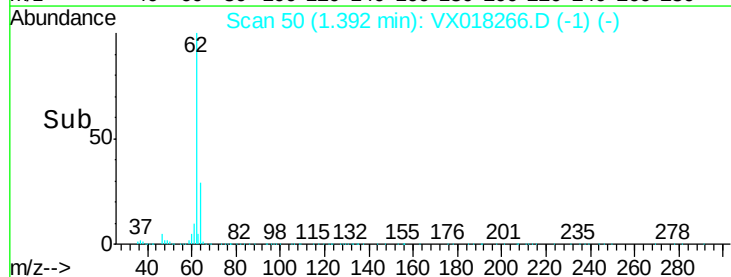
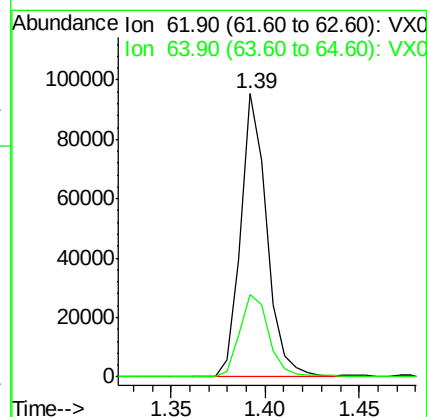
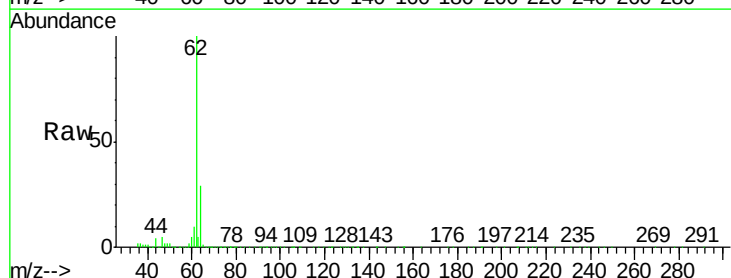
Acq: 08 Sep 2020 11:47

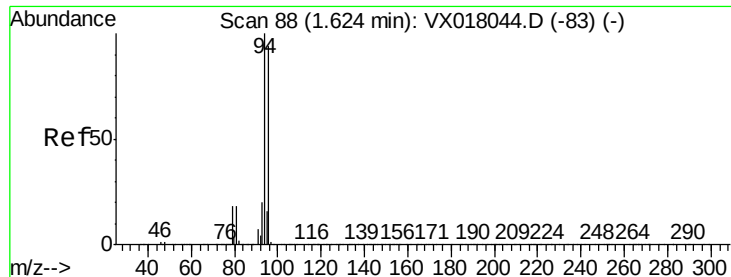
Tgt Ion: 62 Resp: 91401

Ion Ratio Lower Upper

62 100

64 29.3 25.1 37.7





#5

Bromomethane

Concen: 24.076 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBSD01

Tgt Ion: 94 Resp: 63152

Ion Ratio Lower Upper

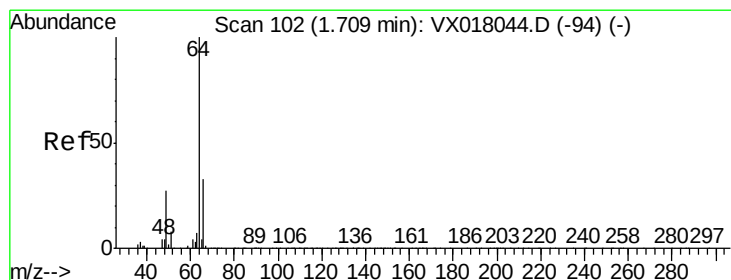
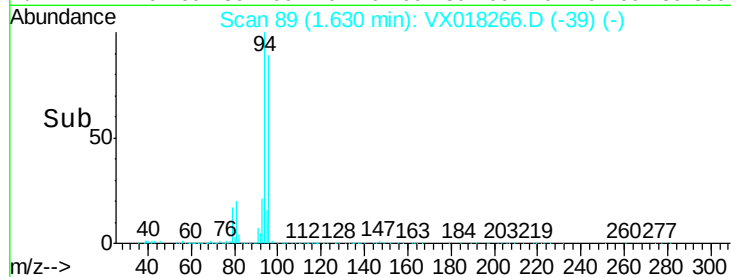
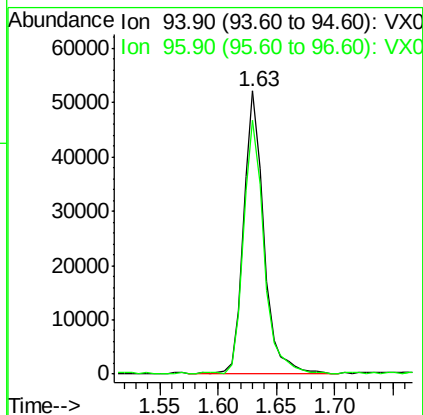
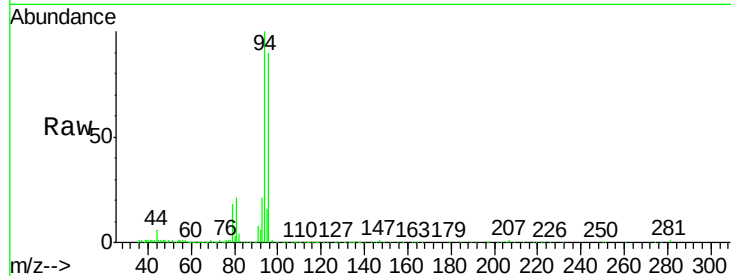
94 100

96 89.4 74.8 112.2

Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



#6

Chloroethane

Concen: 18.779 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018266.D

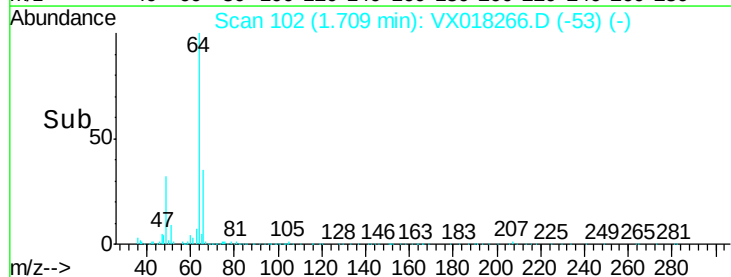
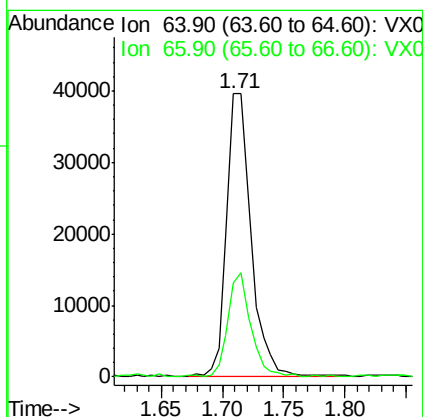
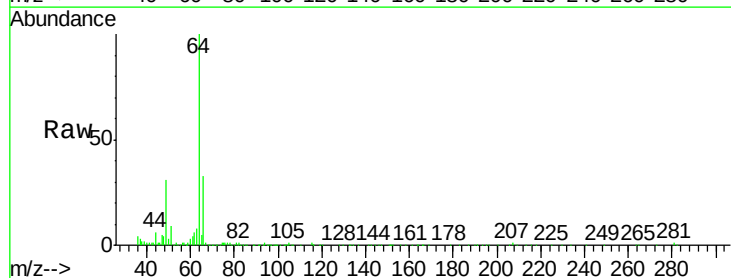
Acq: 08 Sep 2020 11:47

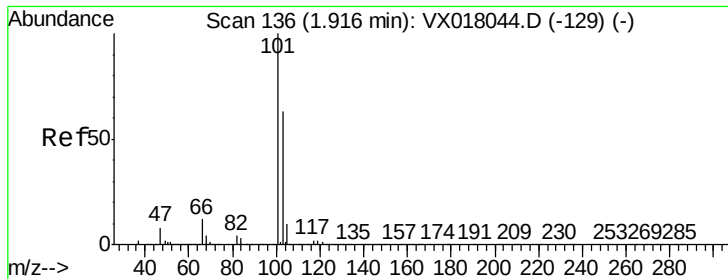
Tgt Ion: 64 Resp: 54852

Ion Ratio Lower Upper

64 100

66 33.3 26.6 39.8





#7

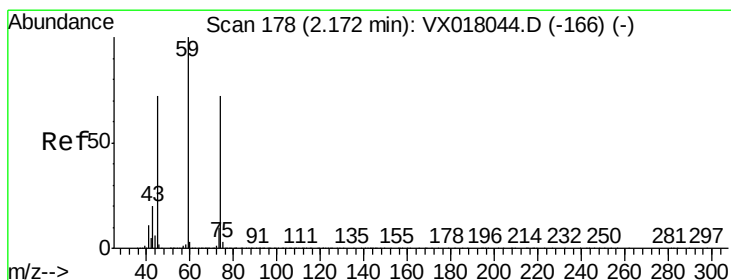
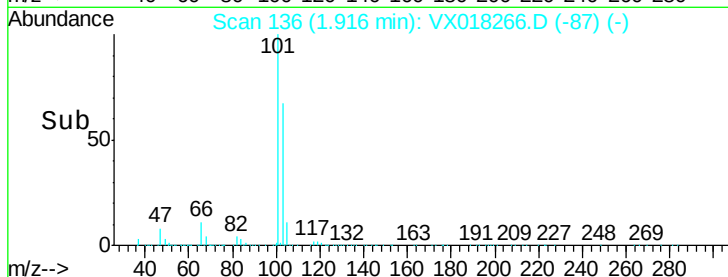
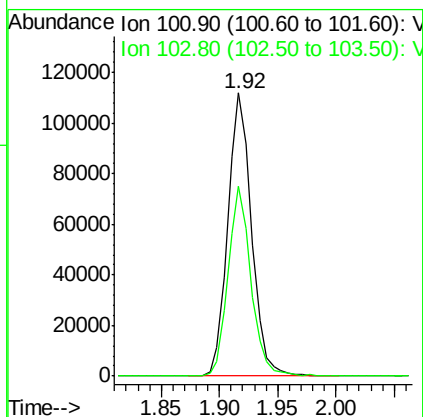
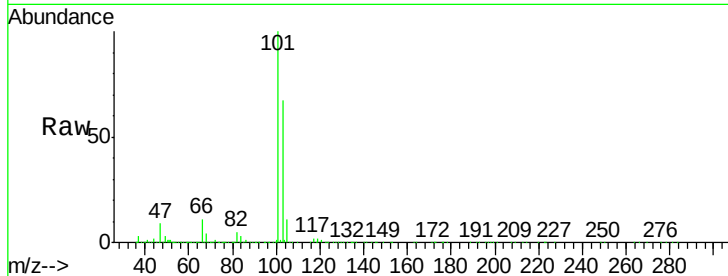
Trichlorofluoromethane
Concen: 21.359 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	158384		
103	67.2	50.7	76.1	

Manual Integrations
APPROVED

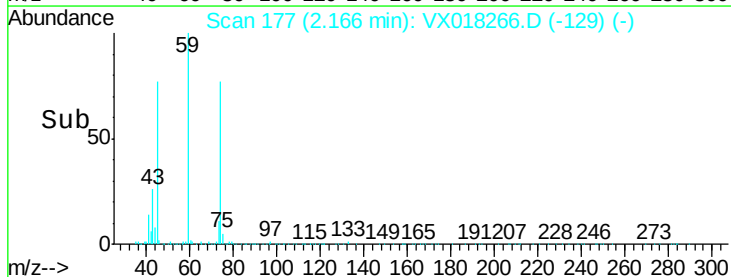
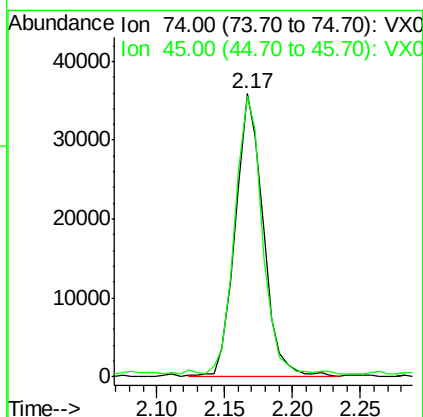
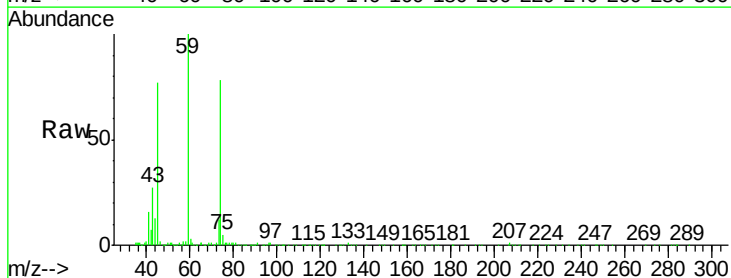
MMDadoda
9/9/2020 8:48:17 PM

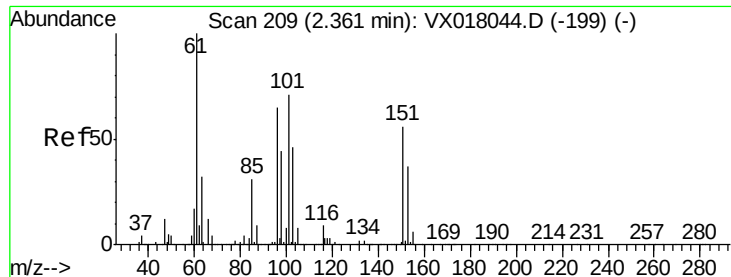


#8

Diethyl Ether
Concen: 20.068 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	50467		
45	98.3	50.7	152.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.187 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

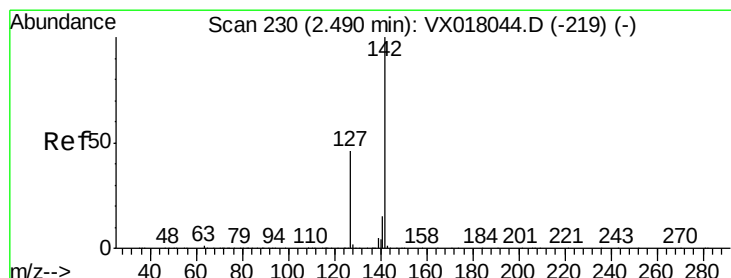
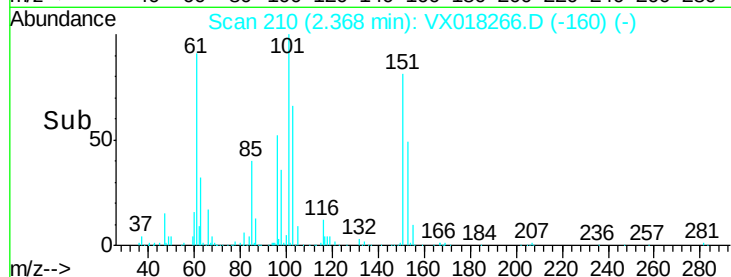
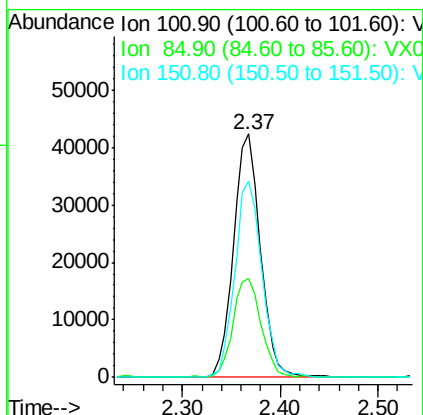
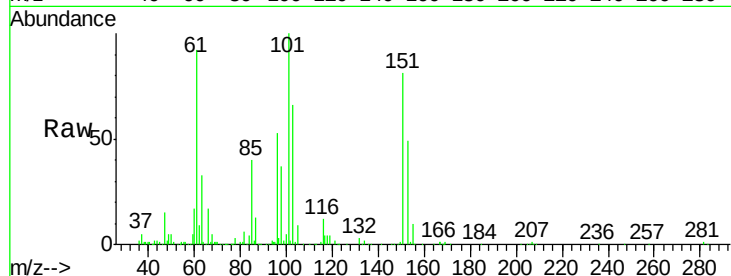
ClientSampleId :

VX0908WBSD01

Tgt Ion:	101	Resp:	80930
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.0	51.0
151	81.4	65.2	97.8

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#10

Methyl Iodide

Concen: 20.909 ug/l

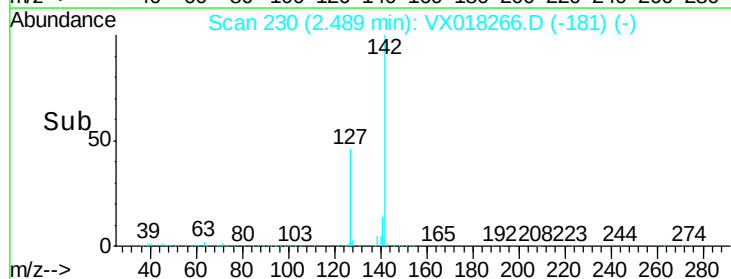
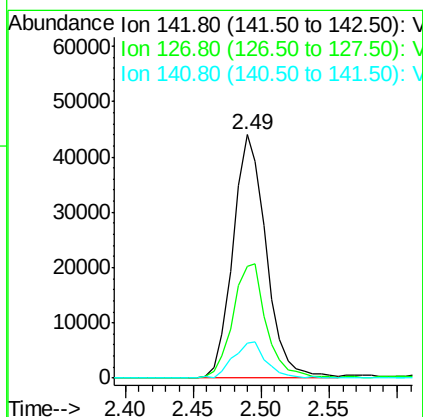
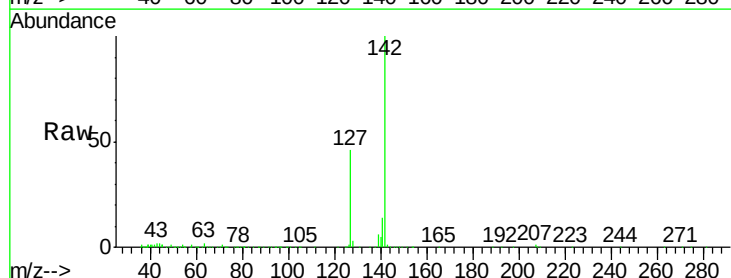
RT: 2.49 min Scan# 230

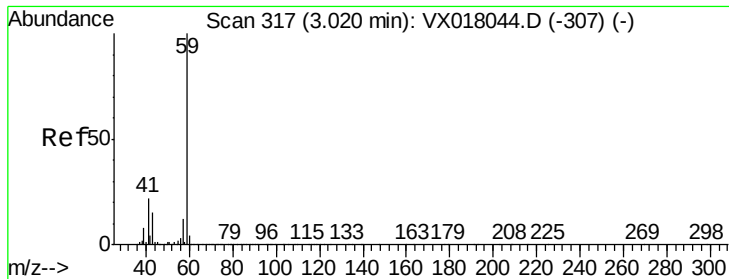
Delta R.T. 0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	142	Resp:	74930
Ion Ratio	Lower	Upper	
142	100		
127	47.8	37.0	55.6
141	15.0	11.5	17.3





#11

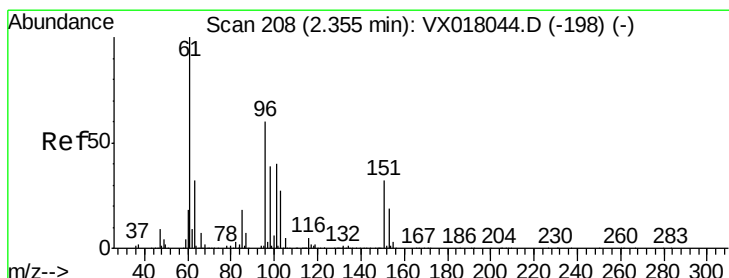
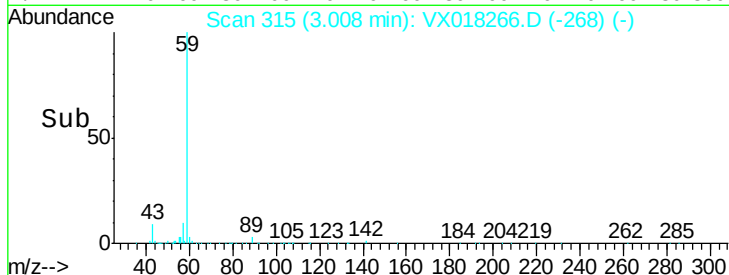
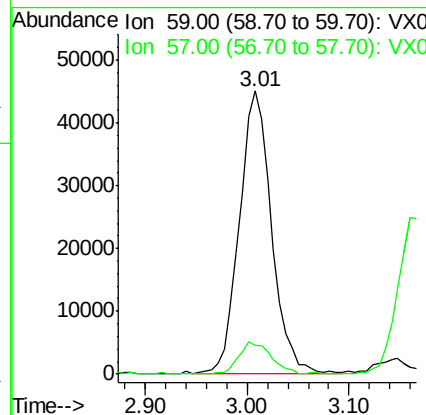
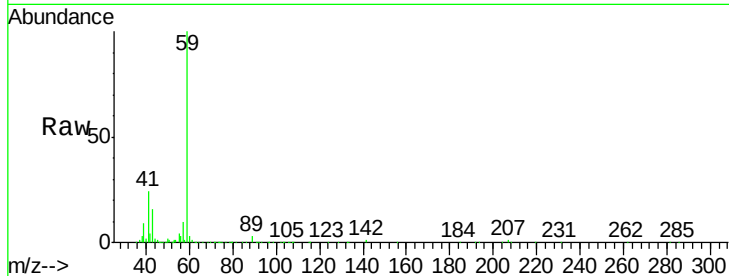
Tert butyl alcohol
Concen: 85.179 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.9	13.3

Manual Integrations
APPROVED

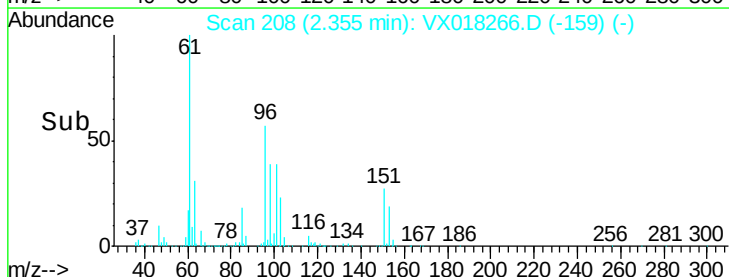
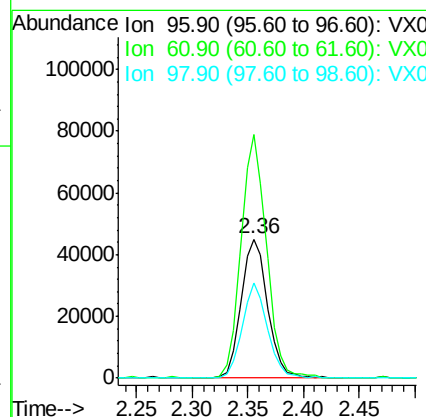
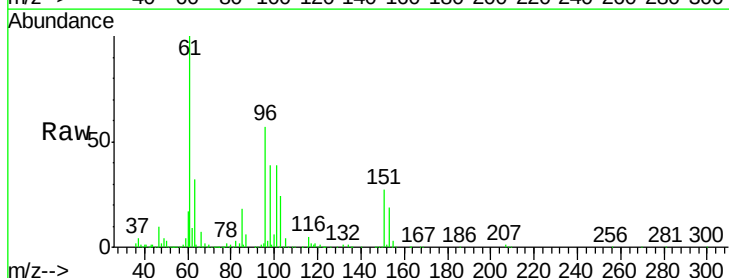
MMDadoda
9/9/2020 8:48:17 PM

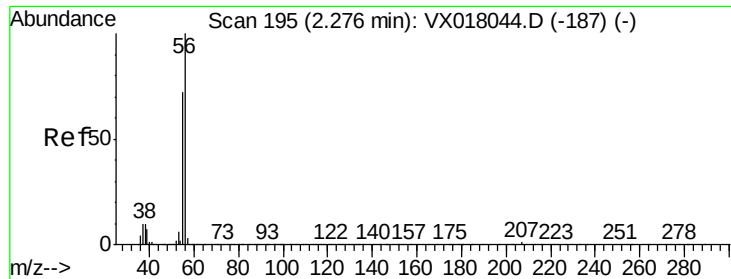


#12

1,1-Dichloroethene
Concen: 17.963 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.3	133.0	199.4
98	68.2	51.6	77.4





#13

Acrolein

Concen: 51.414 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBSD01

Tgt Ion: 56 Resp: 24491

Ion Ratio Lower Upper

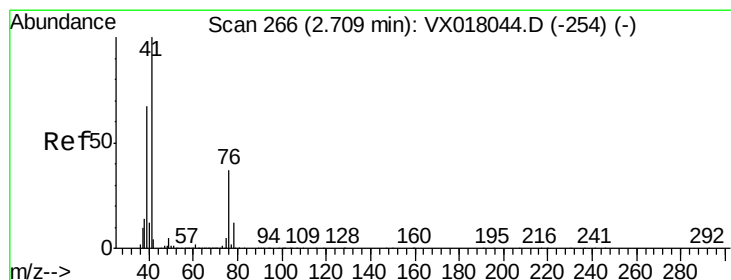
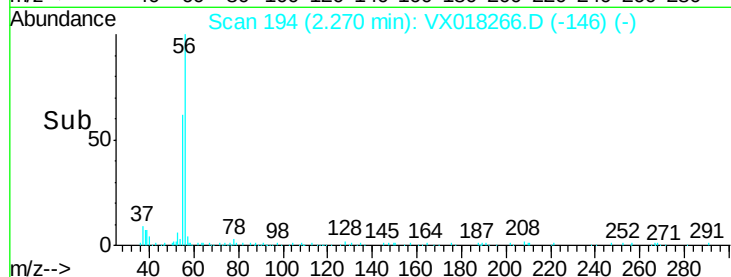
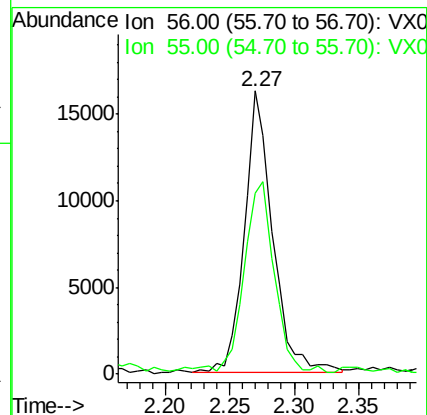
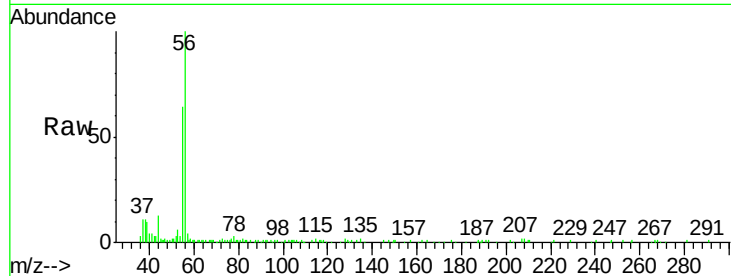
56 100

55 71.3 57.0 85.6

Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



#14

Allyl chloride

Concen: 18.065 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

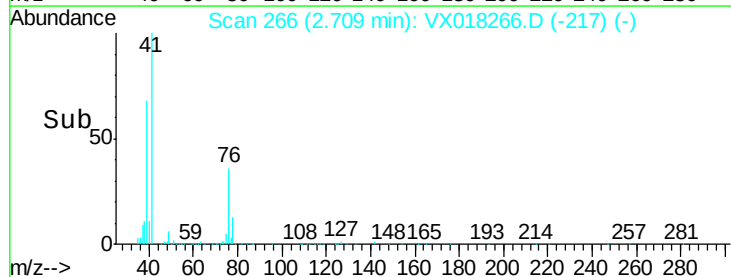
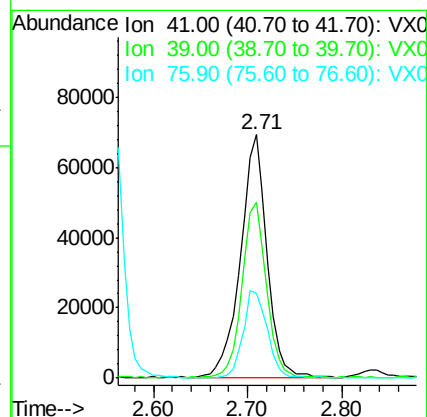
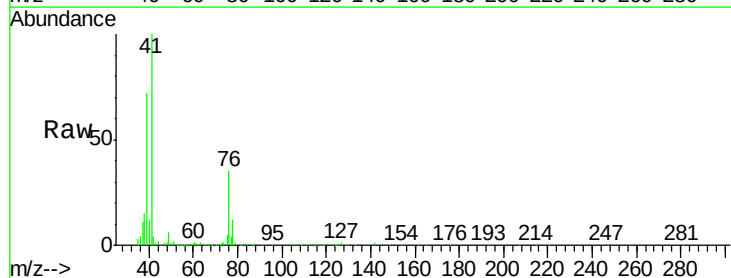
Tgt Ion: 41 Resp: 134993

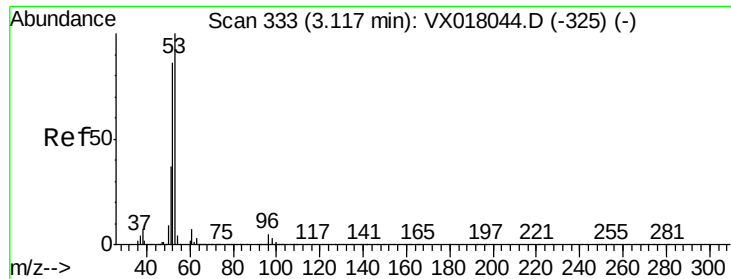
Ion Ratio Lower Upper

41 100

39 67.5 50.6 76.0

76 33.1 26.2 39.2





#15

Acrylonitrile

Concen: 86.963 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

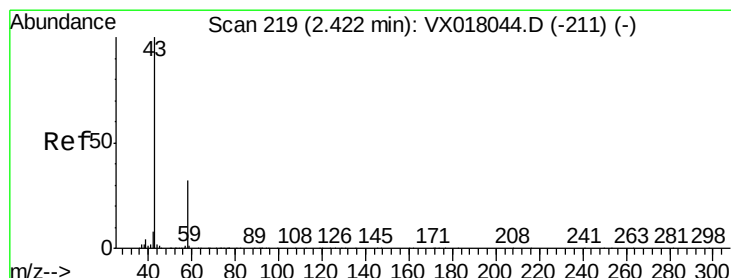
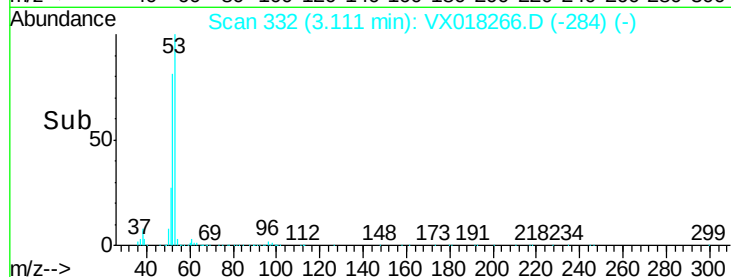
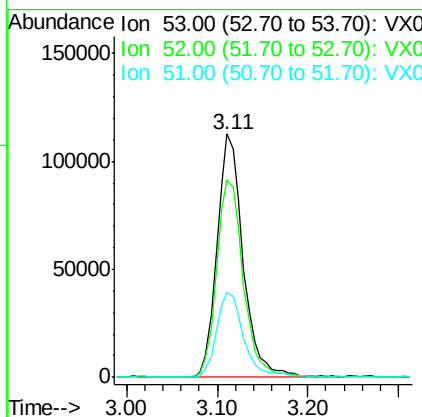
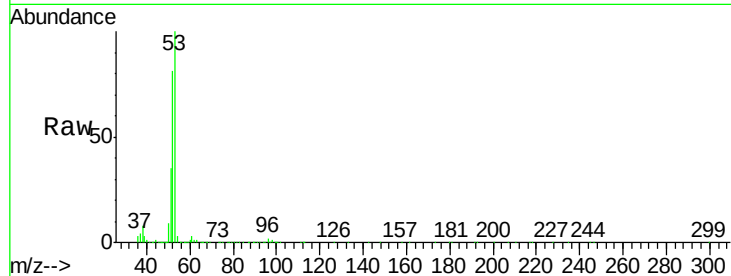
ClientSampleId :

VX0908WBSD01

Tgt Ion:	53	Resp:	226623
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.9	100.3
51	36.0	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#16

Acetone

Concen: 90.546 ug/l

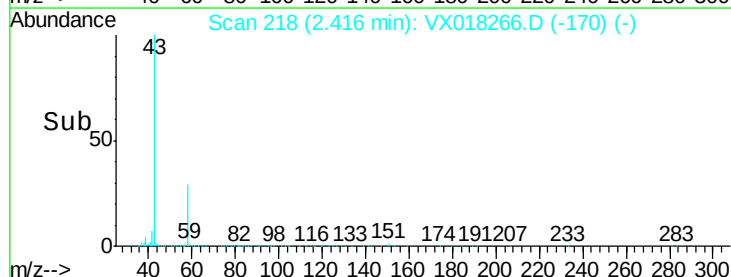
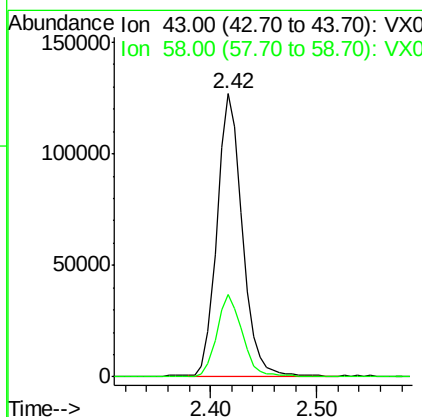
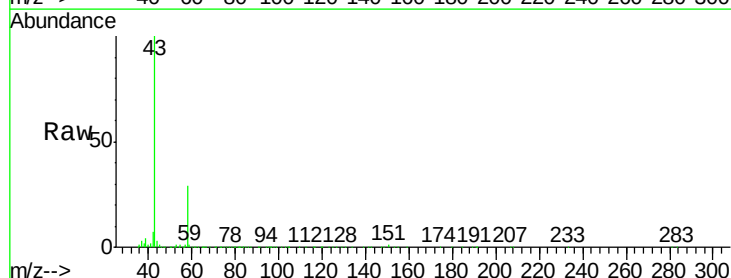
RT: 2.42 min Scan# 218

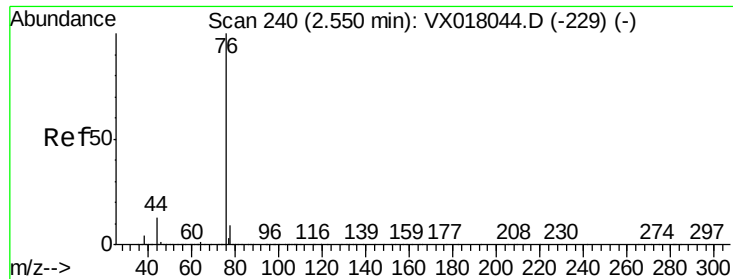
Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	43	Resp:	208466
Ion	Ratio	Lower	Upper
43	100		
58	29.0	25.5	38.3





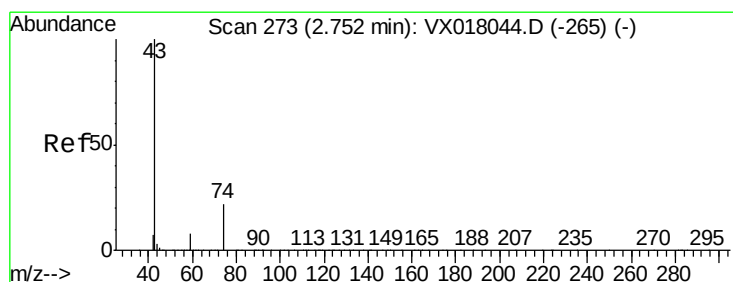
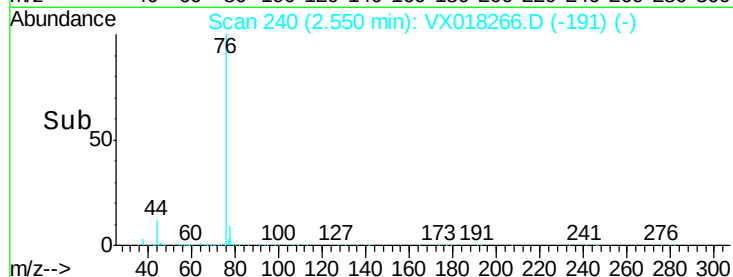
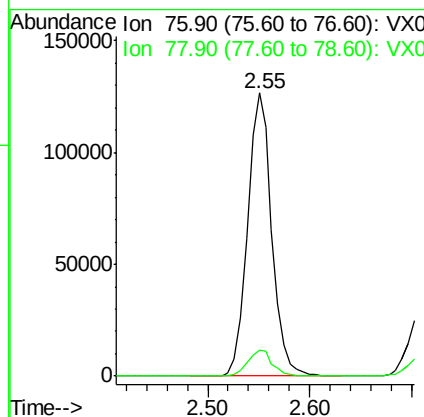
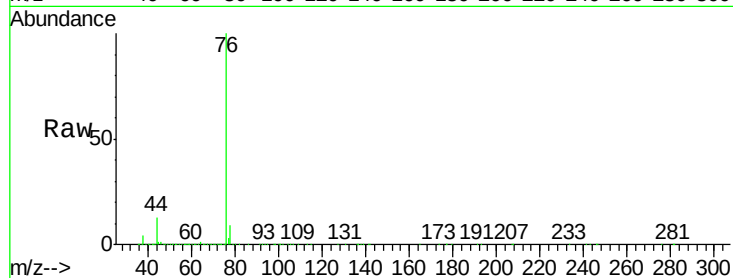
#17
Carbon Disulfide
Concen: 16.518 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion: 76 Resp: 207686
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

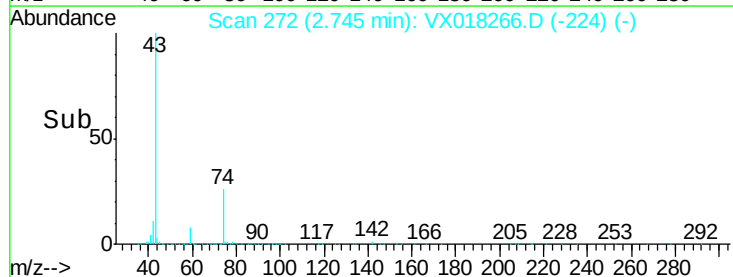
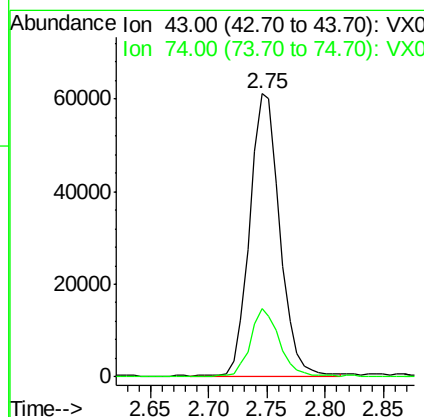
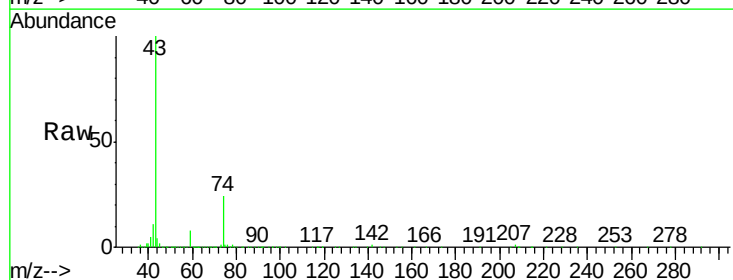
Manual Integrations
APPROVED

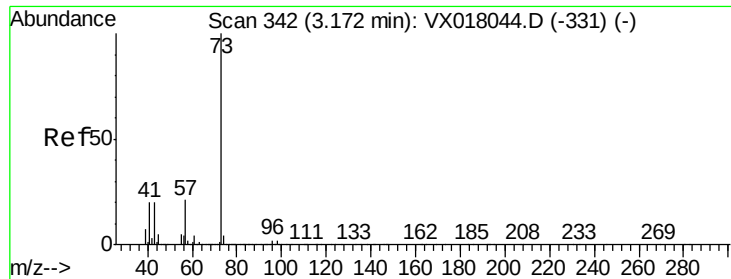
MMDadoda
9/9/2020 8:48:17 PM



#18
Methyl Acetate
Concen: 19.907 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion: 43 Resp: 110597
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.4





#19

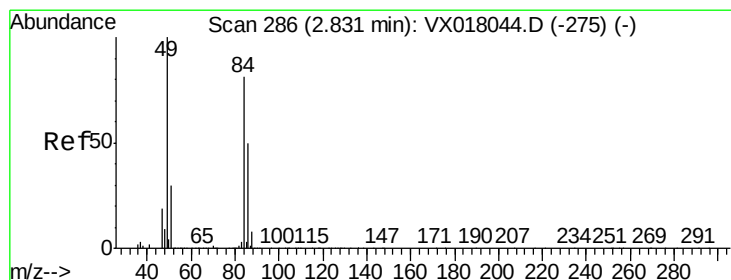
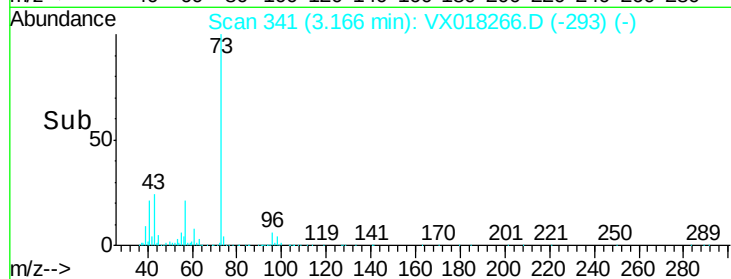
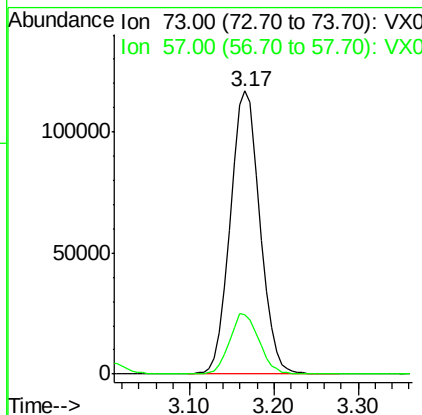
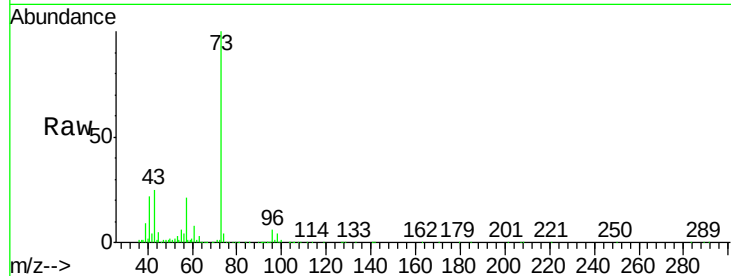
Methyl tert-butyl Ether
Concen: 19.479 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.8	25.2

Manual Integrations
APPROVED

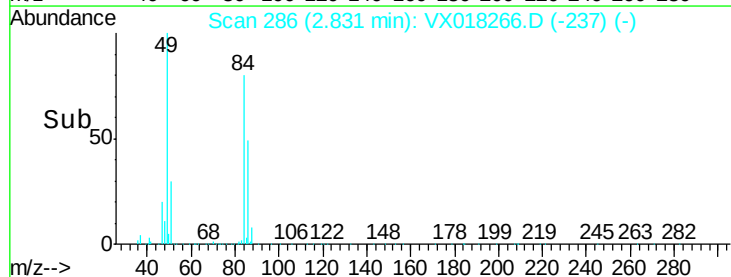
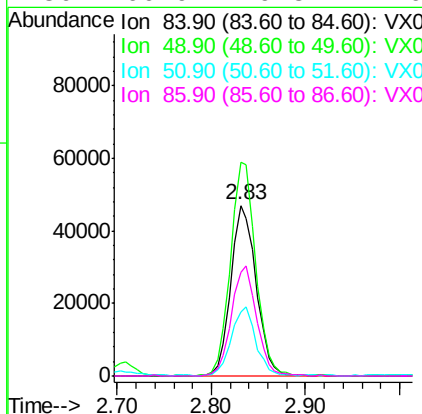
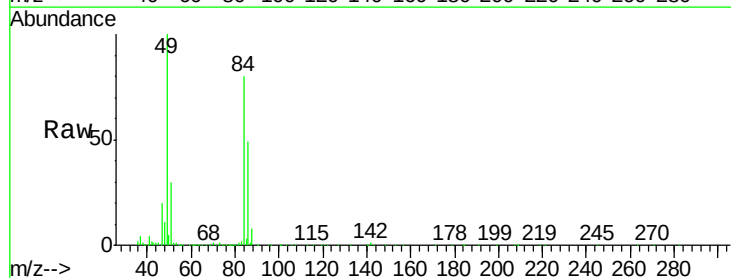
MMDadoda
9/9/2020 8:48:17 PM

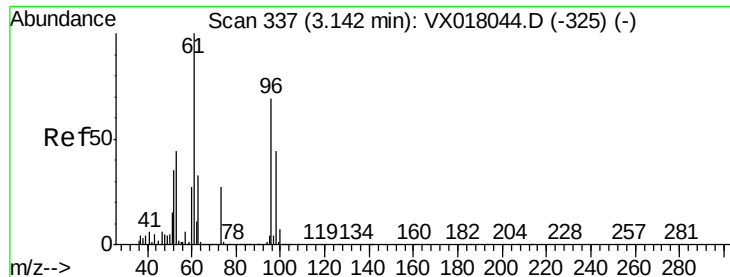


#20

Methylene Chloride
Concen: 17.987 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	98.6	148.0
51	37.2	29.6	44.4
86	60.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 18.229 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

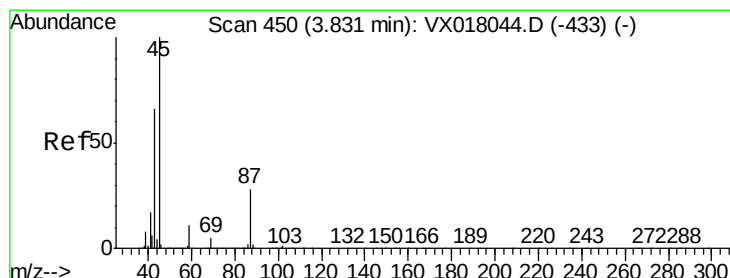
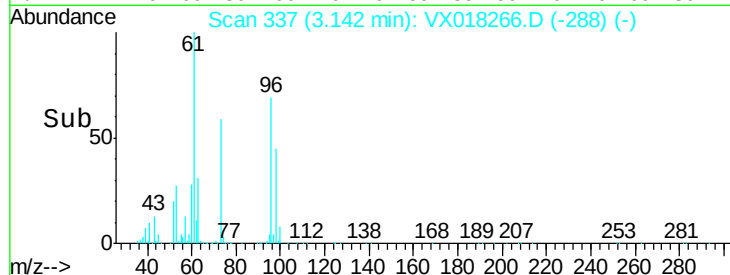
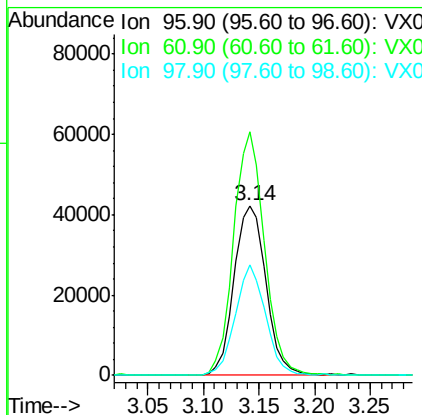
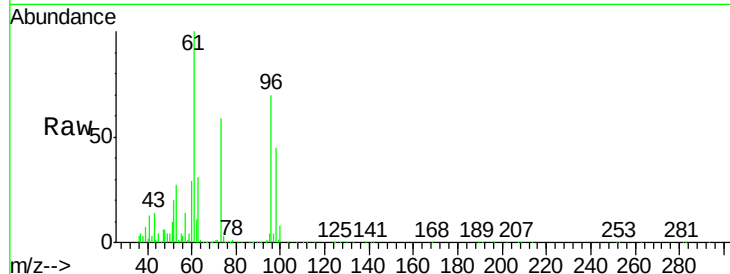
ClientSampleId :

VX0908WBSD01

Tgt Ion:	96	Resp:	84002
Ion Ratio	Lower	Upper	
96	100		
61	143.3	115.4	173.0
98	65.1	51.1	76.7

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#22

Diisopropyl ether

Concen: 18.439 ug/l

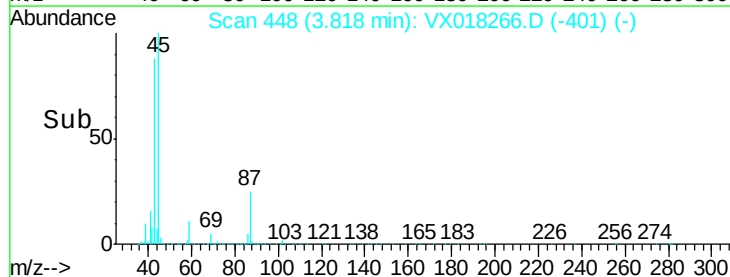
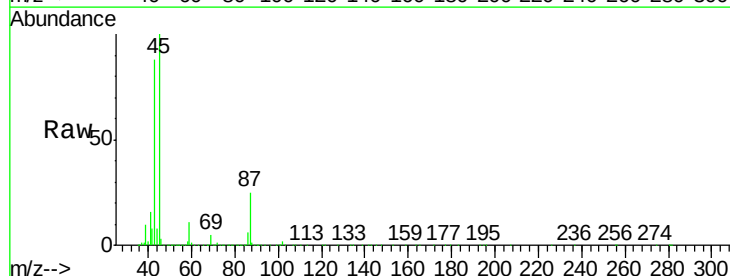
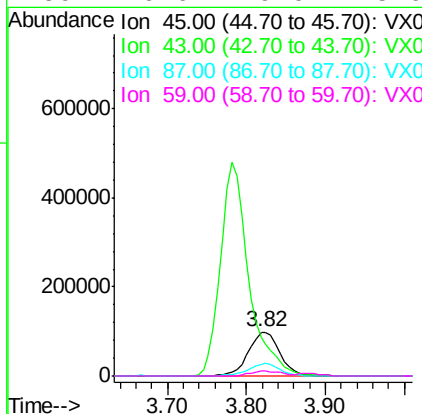
RT: 3.82 min Scan# 448

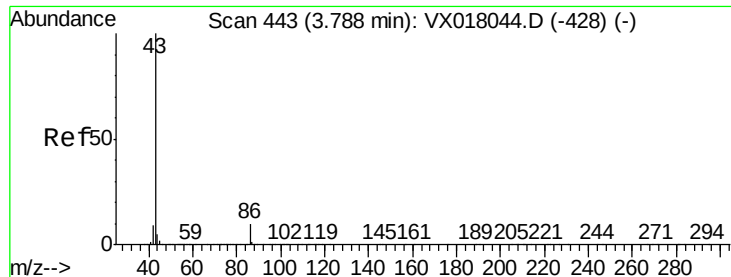
Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	45	Resp:	271949
Ion Ratio	Lower	Upper	
45	100		
43	87.8	52.8	79.2#
87	25.0	22.5	33.7
59	10.6	9.0	13.6





#23

Vinyl Acetate

Concen: 92.042 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

VX0908WBSD01

Tgt Ion: 43 Resp: 1207915

Ion Ratio Lower Upper

43 100

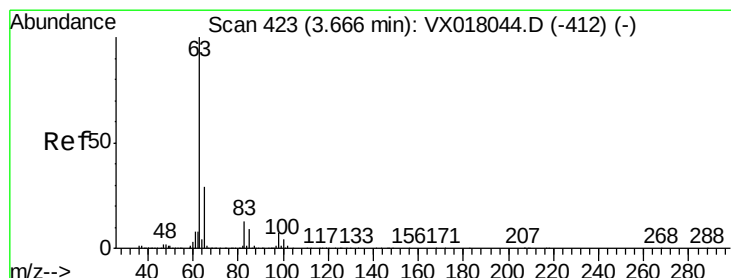
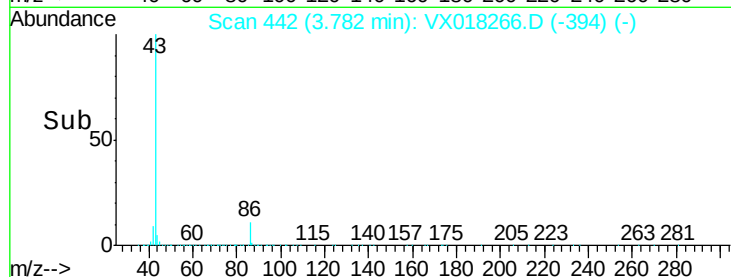
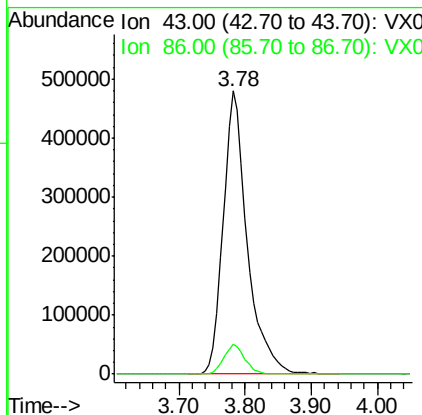
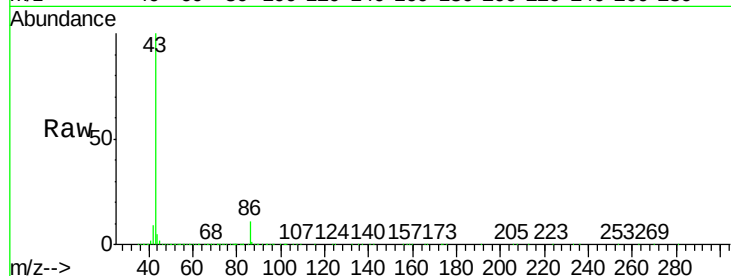
86 10.6 7.9 11.9

Manual Integrations

APPROVED

MMDadoda

9/9/2020 8:48:17 PM



#24

1,1-Dichloroethane

Concen: 18.295 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

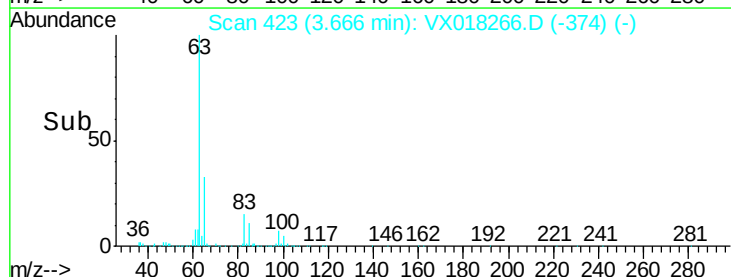
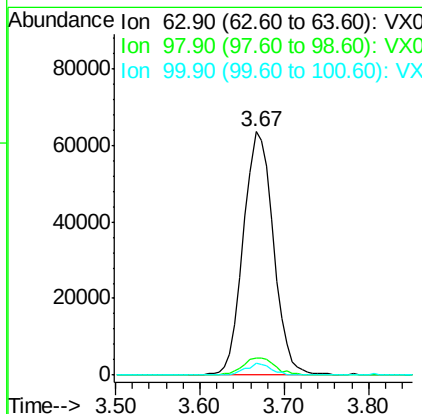
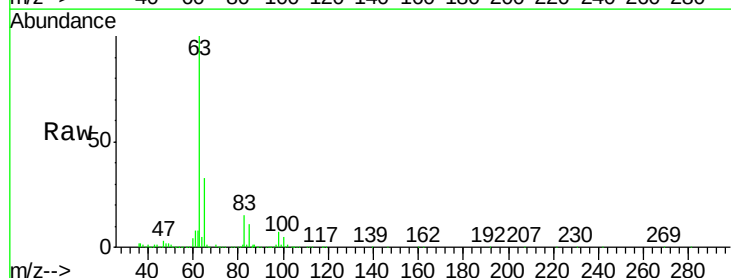
Tgt Ion: 63 Resp: 153593

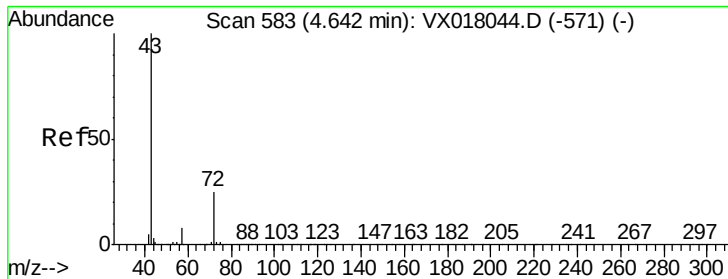
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.1 2.0 6.0





#25

2-Butanone

Concen: 84.601 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBSD01

Tgt Ion: 43 Resp: 320109

Ion Ratio Lower Upper

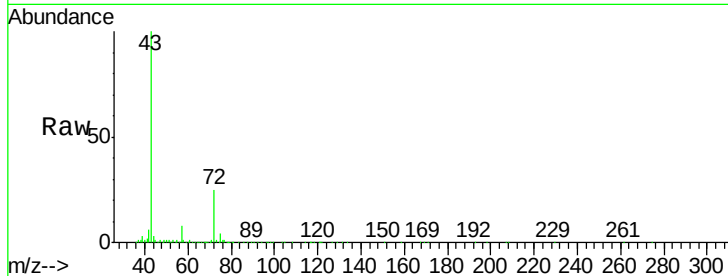
43 100

72 24.7 19.8 29.6

Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

20000

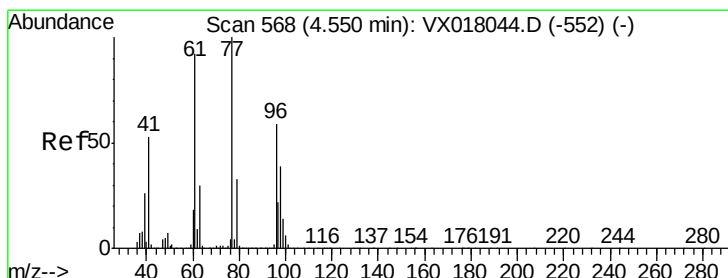
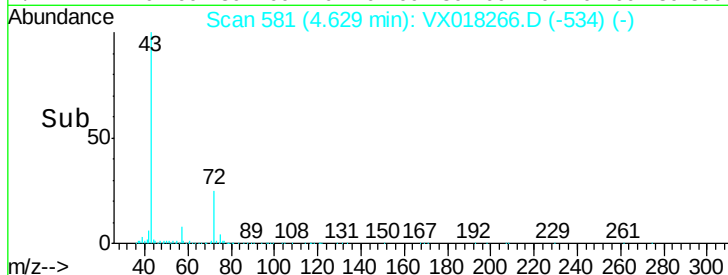
0

4.63

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 21.266 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018266.D

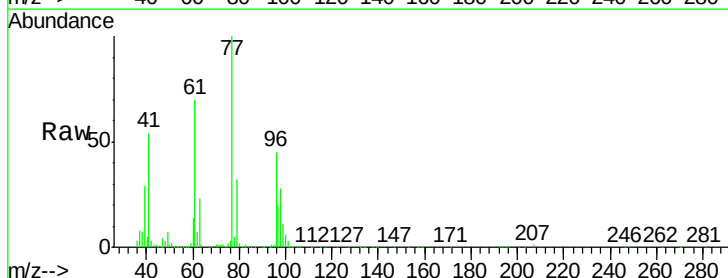
Acq: 08 Sep 2020 11:47

Tgt Ion: 77 Resp: 145267

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

0

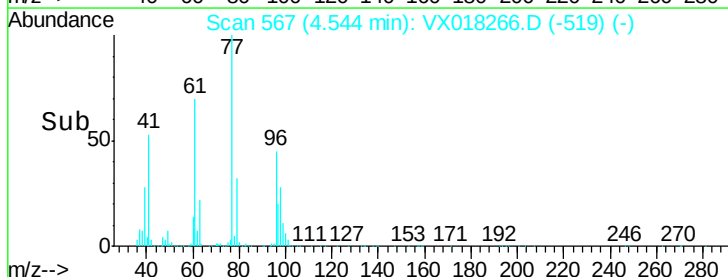
4.54

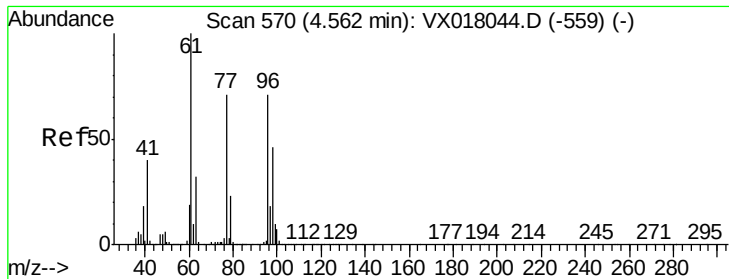
4.40

4.60

4.70

Time-->





#27

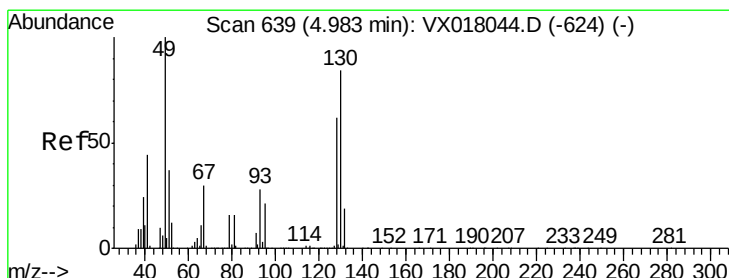
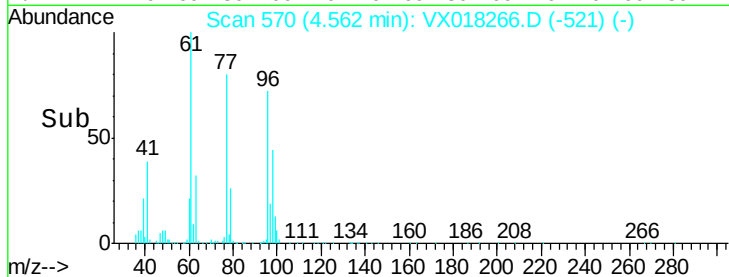
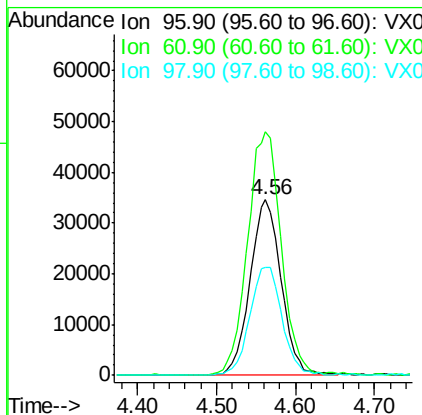
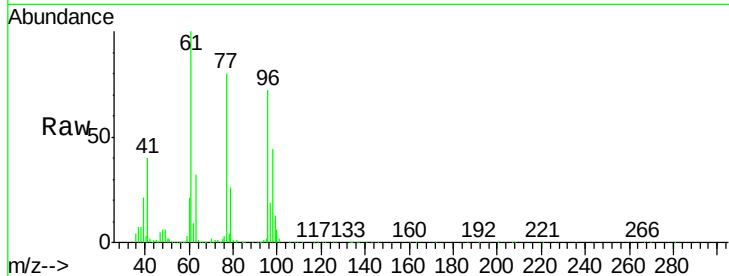
cis-1,2-Dichloroethene
Concen: 17.881 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	94935		
61	149.9	0.0	296.6	
98	63.8	0.0	130.2	

Manual Integrations
APPROVED

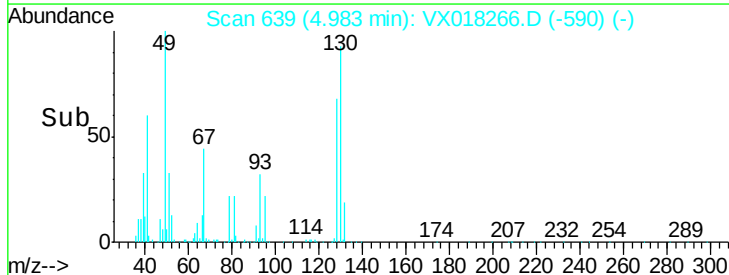
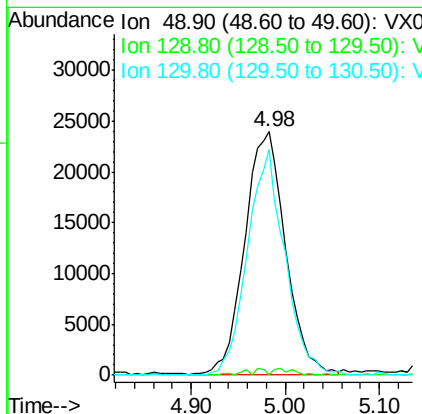
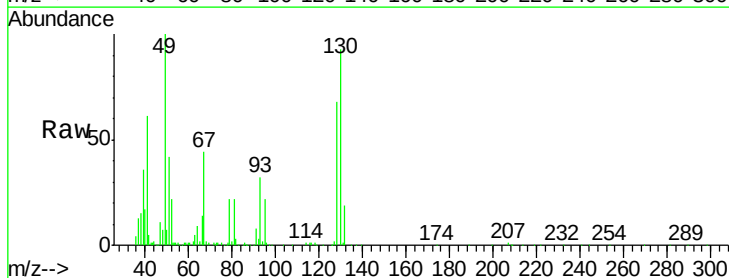
MMDadoda
9/9/2020 8:48:17 PM

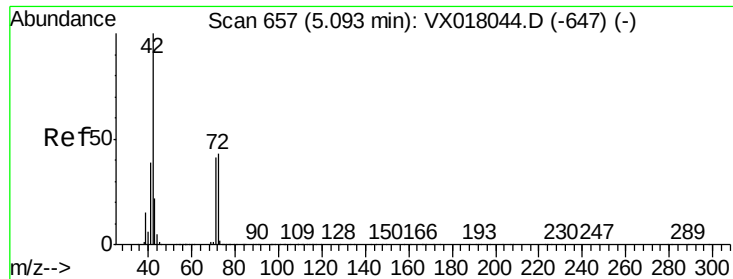


#28

Bromochloromethane
Concen: 18.006 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	72971		
129	0.6	0.0	4.6	
130	85.0	64.6	96.8	





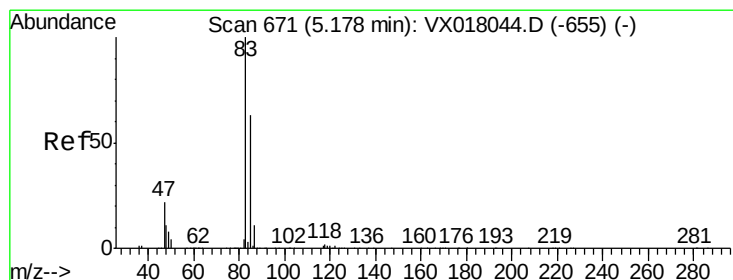
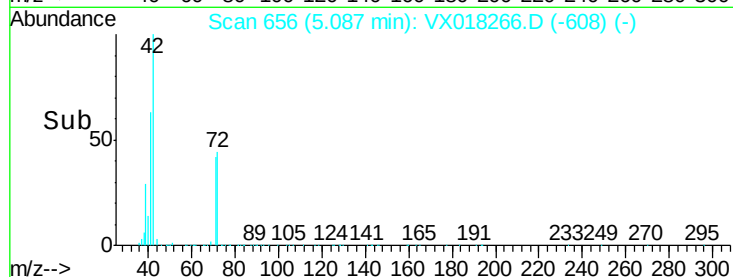
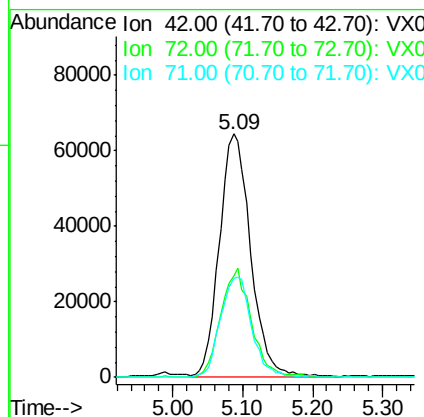
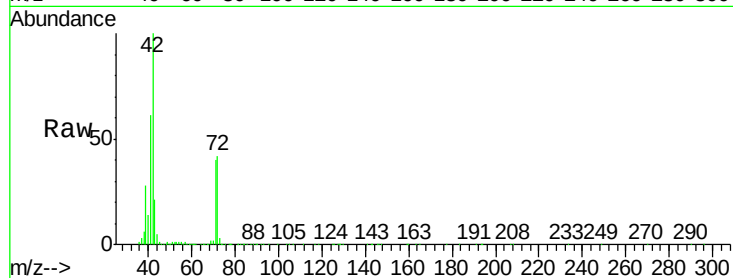
#29
Tetrahydrofuran
Concen: 82.724 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.4
71	41.5	32.1	48.1

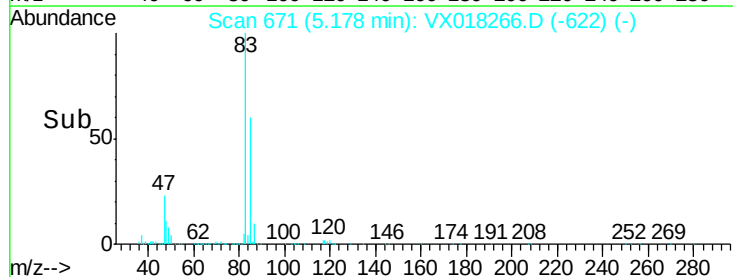
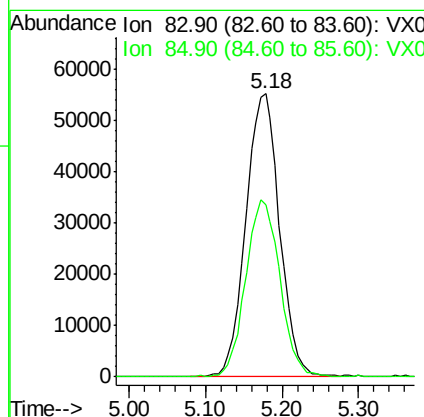
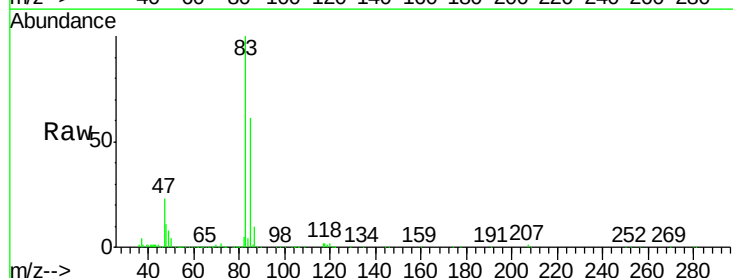
Manual Integrations
APPROVED

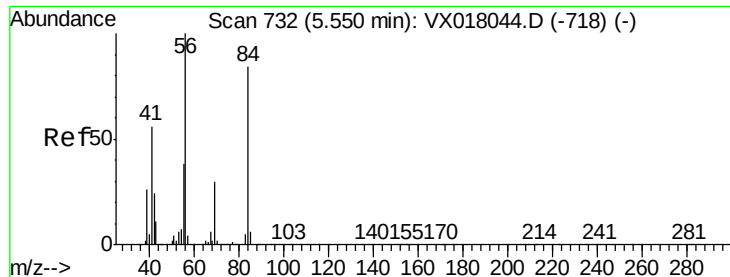
MMDadoda
9/9/2020 8:48:17 PM



#30
Chloroform
Concen: 19.539 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.7	76.1





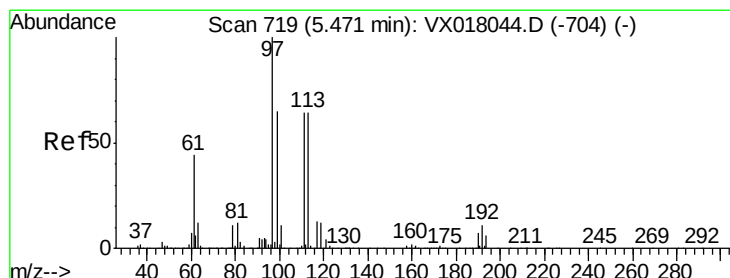
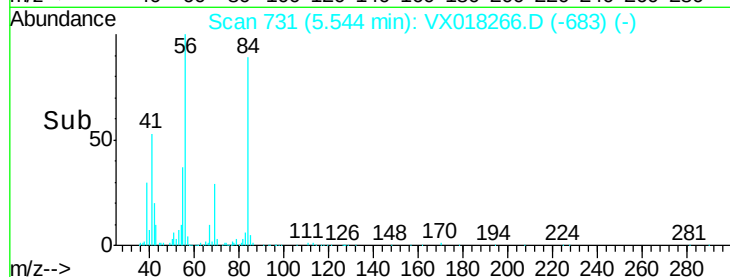
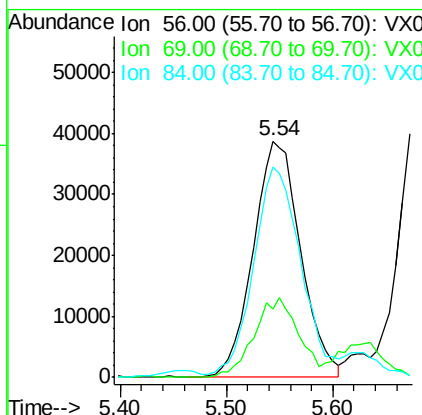
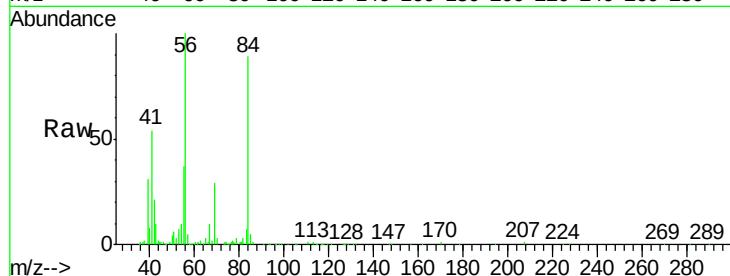
#31
Cyclohexane
Concen: 17.022 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.9	35.9
84	86.5	67.0	100.4

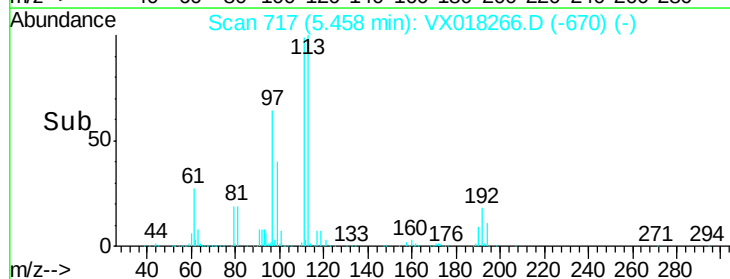
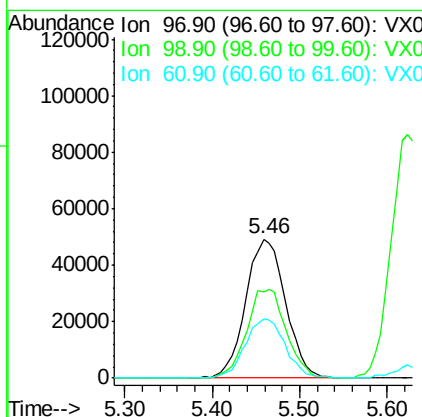
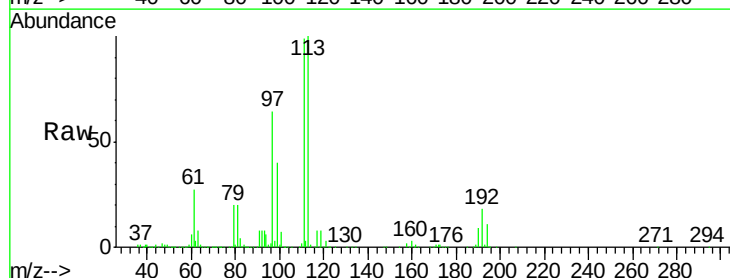
Manual Integrations
APPROVED

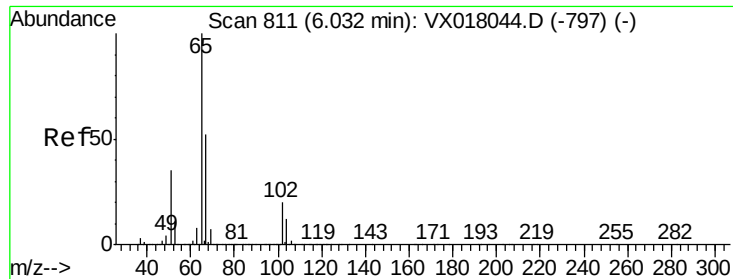
MMDadoda
9/9/2020 8:48:17 PM



#32
1,1,1-Trichloroethane
Concen: 19.462 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	43.1	34.2	51.4





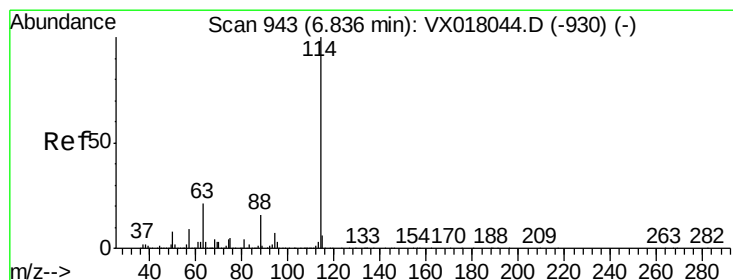
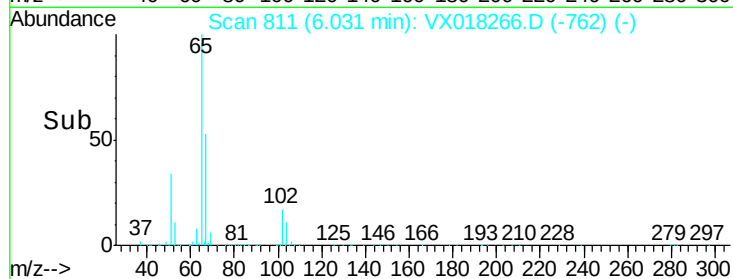
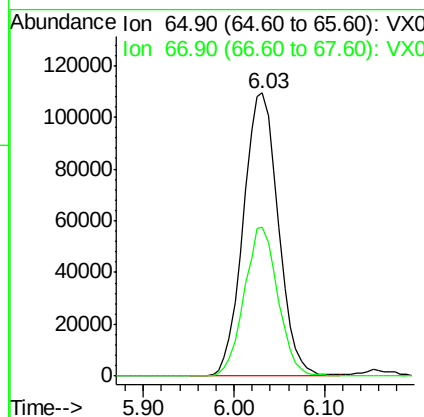
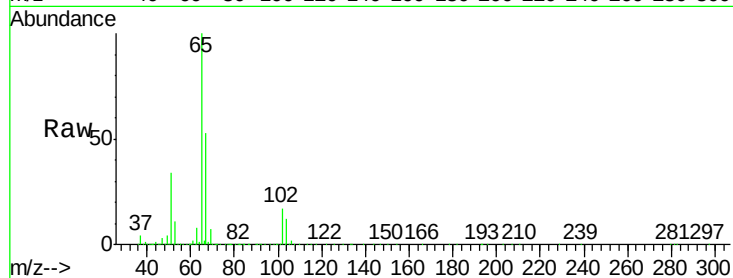
#33
 1,2-Dichloroethane-d4
 Concen: 49.451 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	292180		
67	50.8	0.0	105.8	

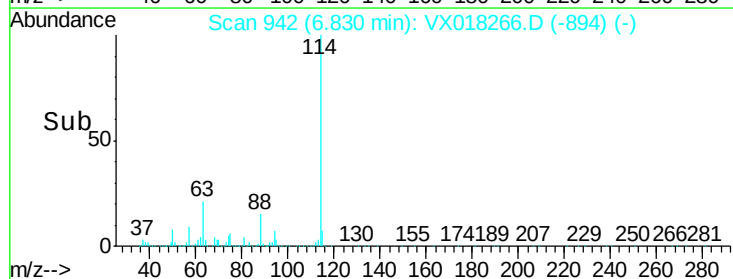
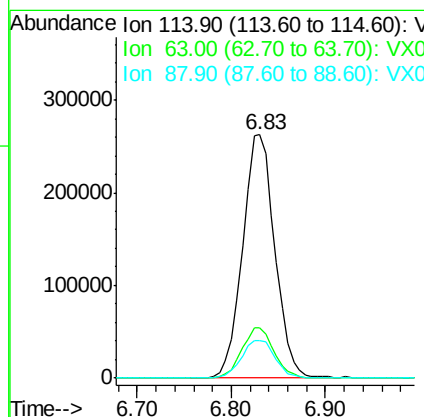
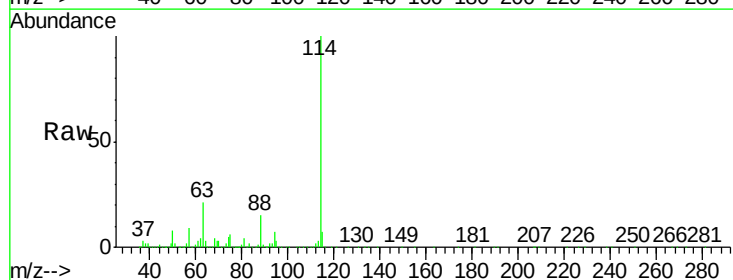
Manual Integrations
 APPROVED

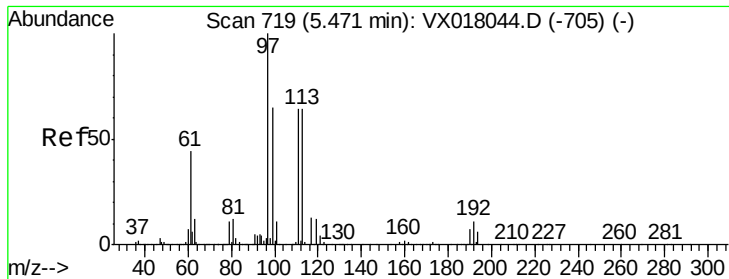
MMDadoda
 9/9/2020 8:48:17 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	627344		
63	20.5	0.0	42.6	
88	15.4	0.0	31.8	





#35

Dibromofluoromethane

Concen: 52.408 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

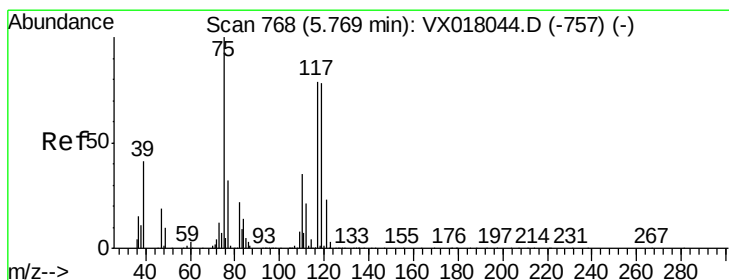
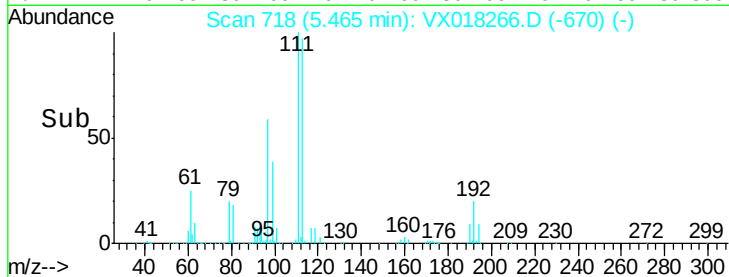
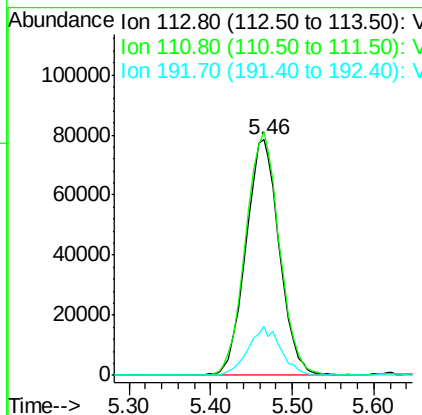
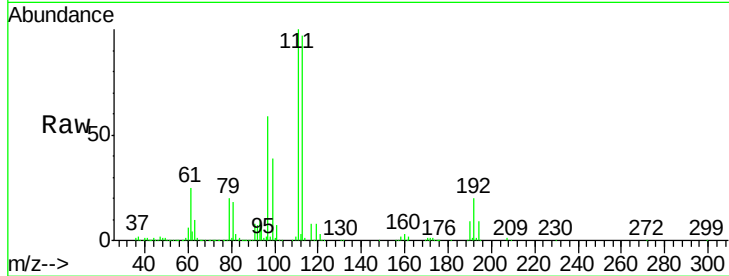
ClientSampled :

VX0908WBSD01

Tgt Ion:	113	Resp:	223913
Ion Ratio	Lower	Upper	
113	100		
111	104.6	81.6	122.4
192	20.2	15.8	23.8

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#36

1,1-Dichloropropene

Concen: 19.671 ug/l

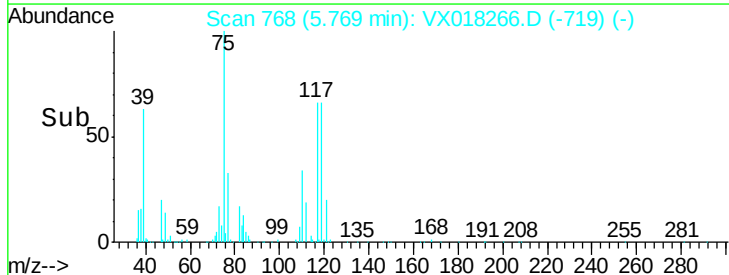
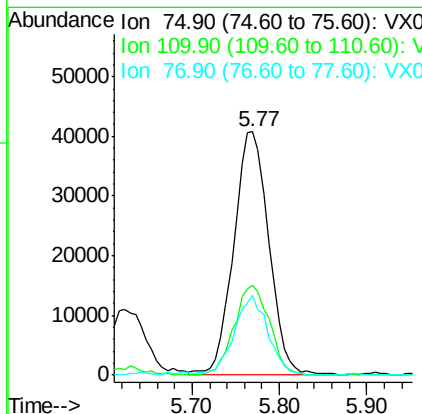
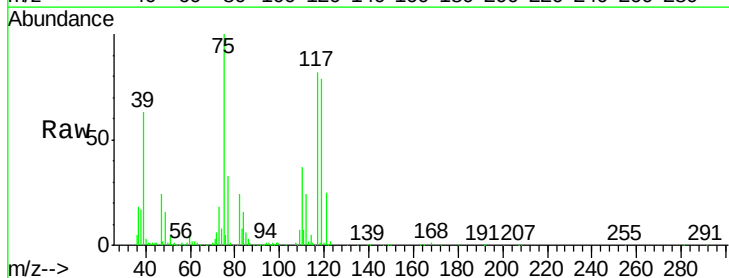
RT: 5.77 min Scan# 768

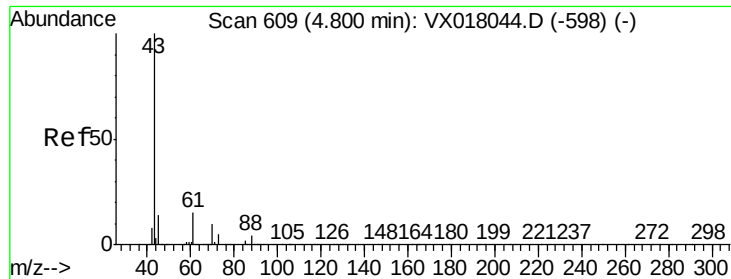
Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	75	Resp:	113823
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.0	54.0
77	31.5	24.4	36.6





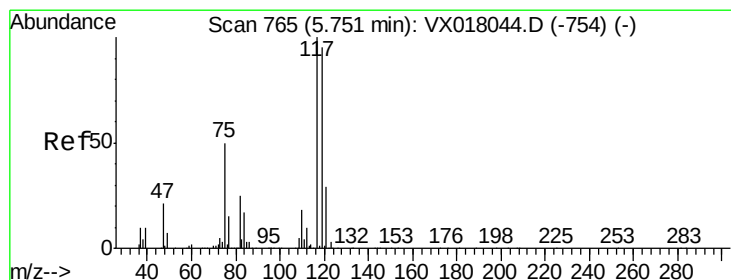
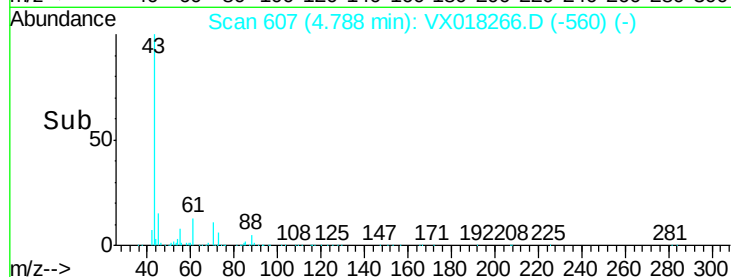
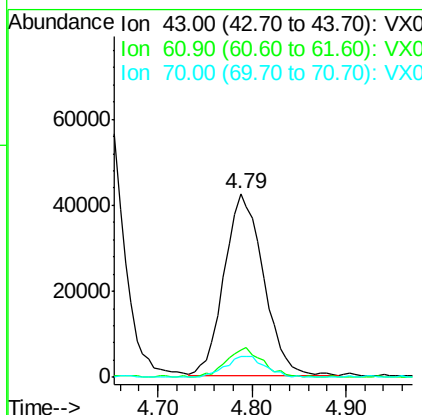
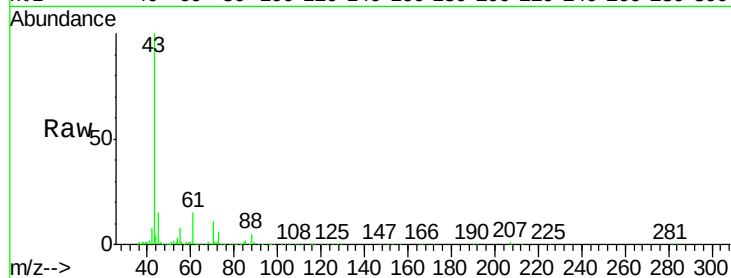
#37
Ethyl Acetate
Concen: 18.334 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.9	8.2	12.4

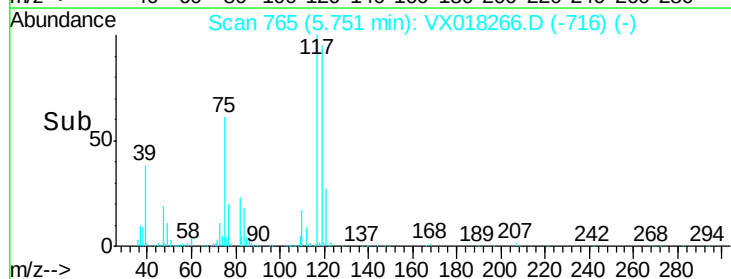
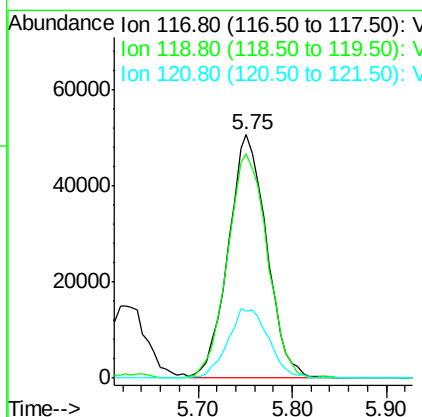
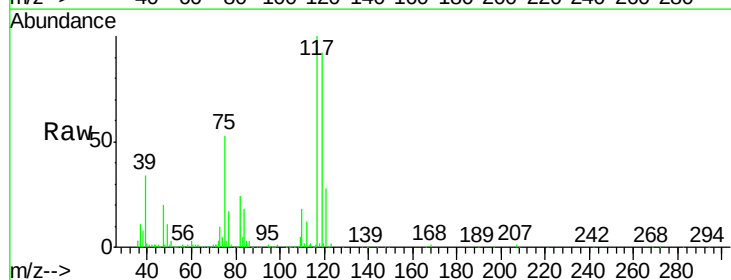
Manual Integrations
APPROVED

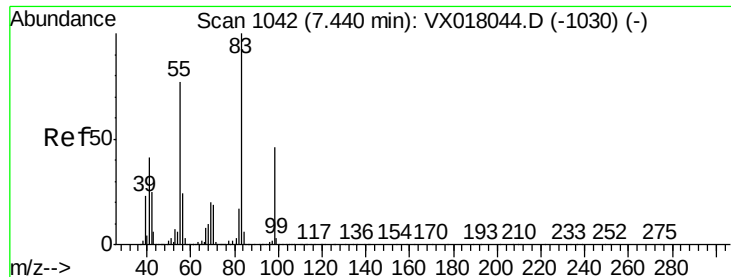
MMDadoda
9/9/2020 8:48:17 PM



#38
Carbon Tetrachloride
Concen: 21.809 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.8	113.6
121	27.8	23.4	35.0





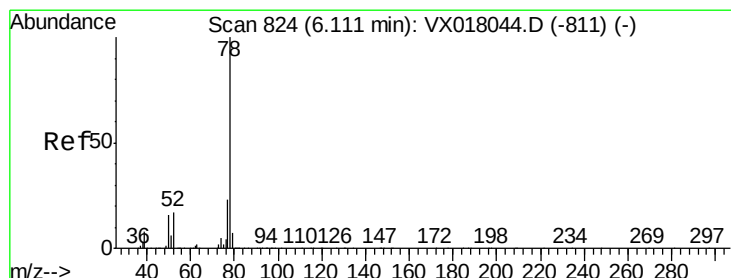
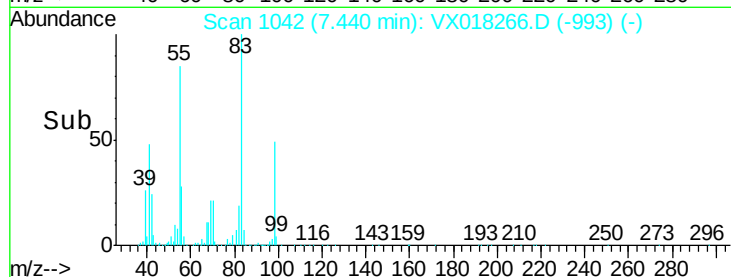
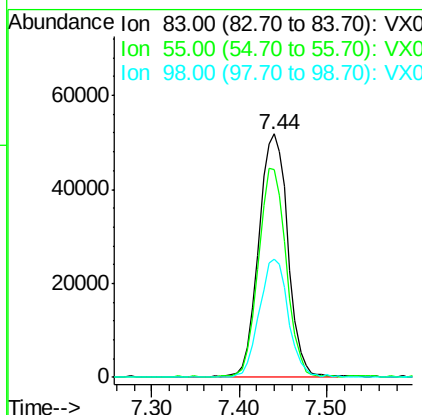
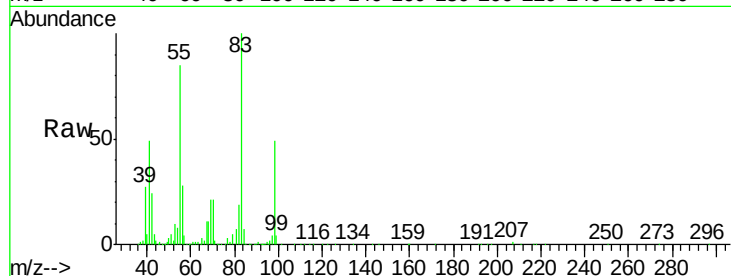
#39
Methylcyclohexane
Concen: 19.132 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.1	61.8	92.6
98	48.6	36.6	55.0

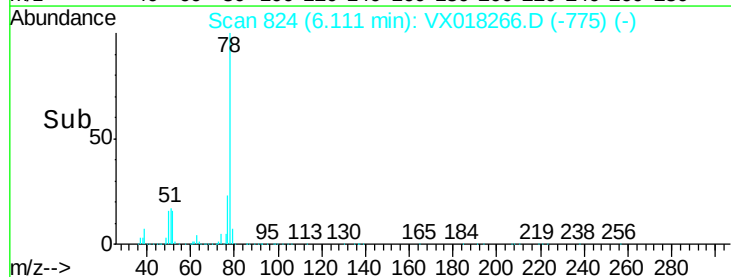
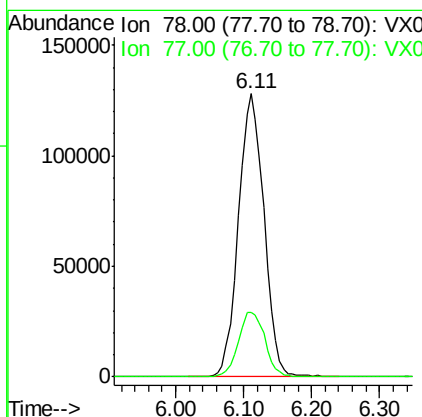
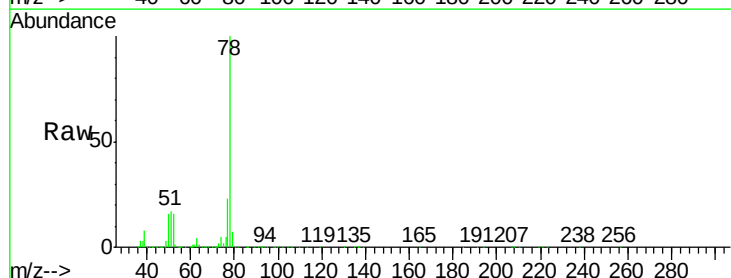
Manual Integrations
APPROVED

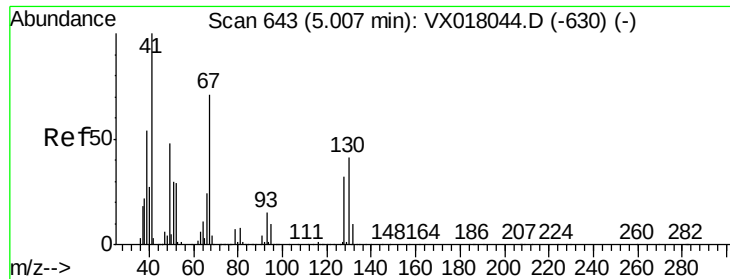
MMDadoda
9/9/2020 8:48:17 PM



#40
Benzene
Concen: 19.662 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.2





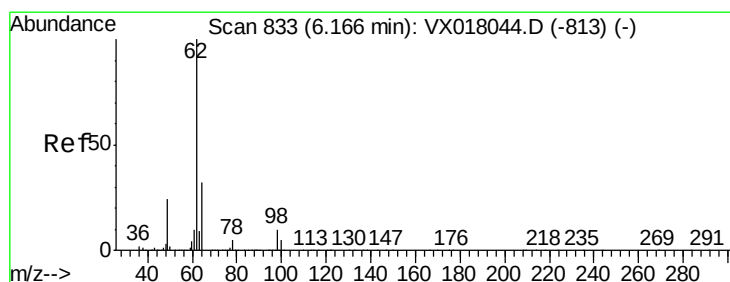
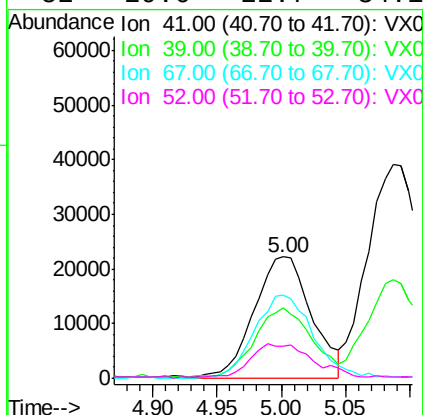
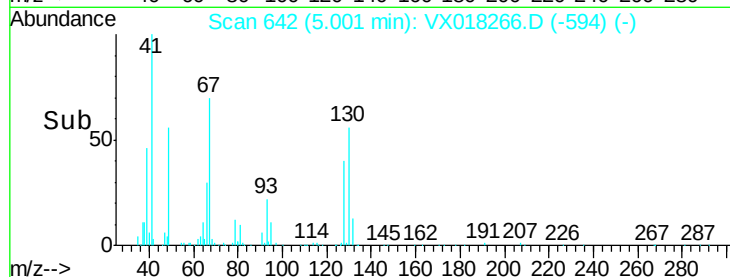
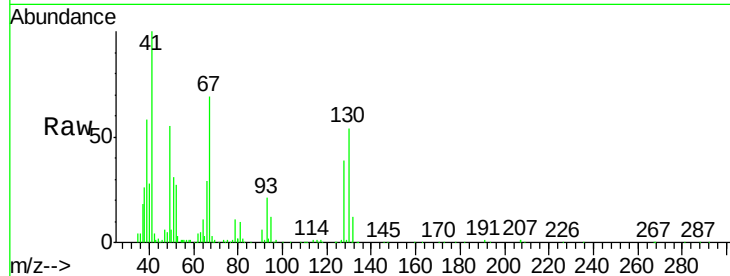
#41
Methacrylonitrile
Concen: 18.520 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.1	64.7	
67	71.0	56.0	84.0	
52	29.6	22.7	34.1	

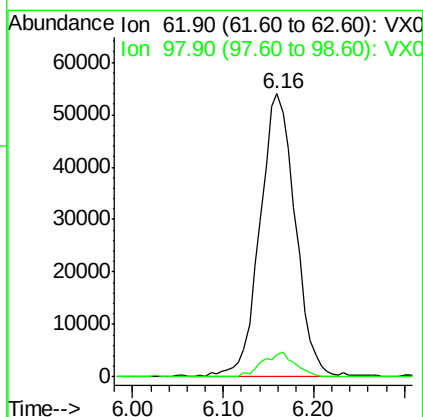
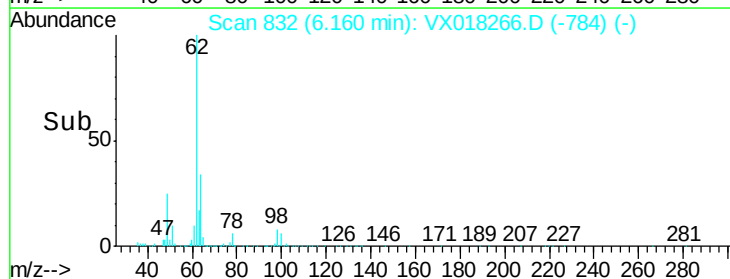
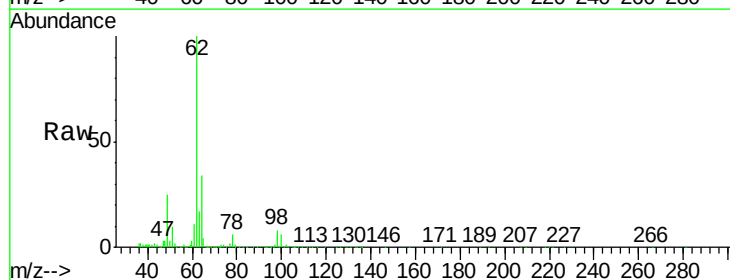
Manual Integrations
APPROVED

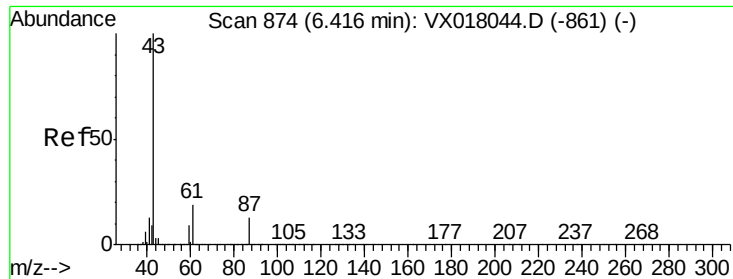
MMDadoda
9/9/2020 8:48:17 PM



#42
1,2-Dichloroethane
Concen: 22.241 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	18.2	





#43

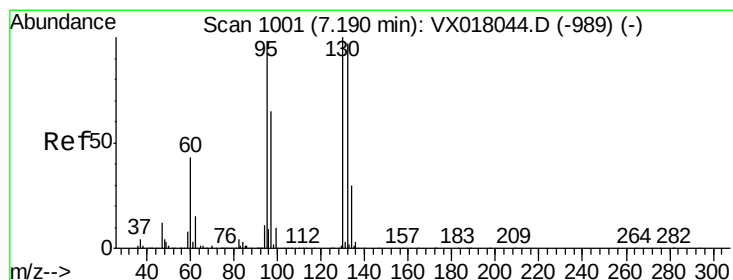
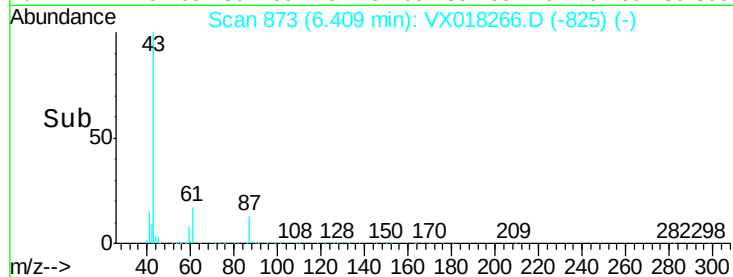
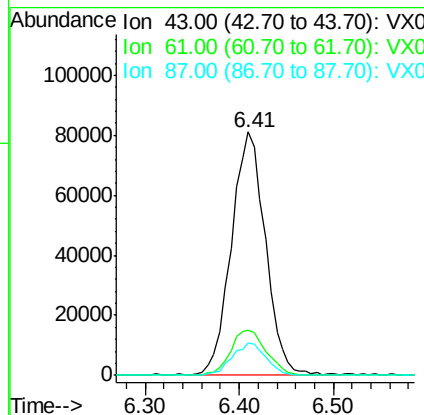
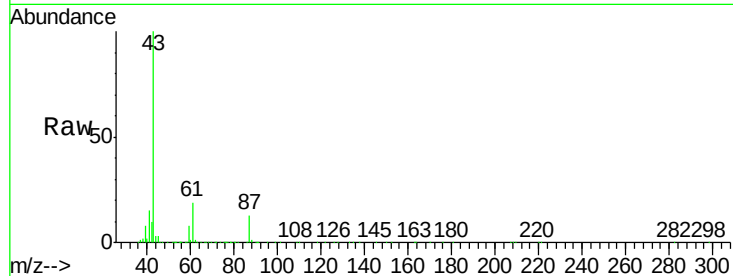
Isopropyl Acetate
 Concen: 18.548 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.7	23.5
87	13.6	10.3	15.5

Manual Integrations
 APPROVED

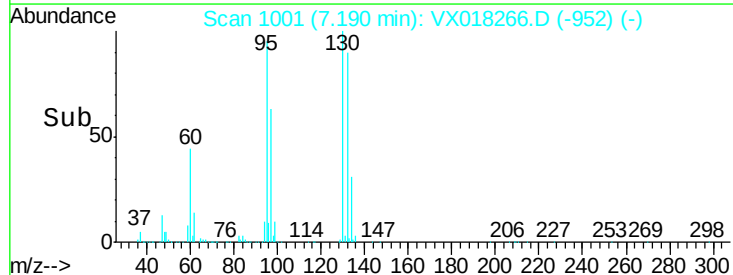
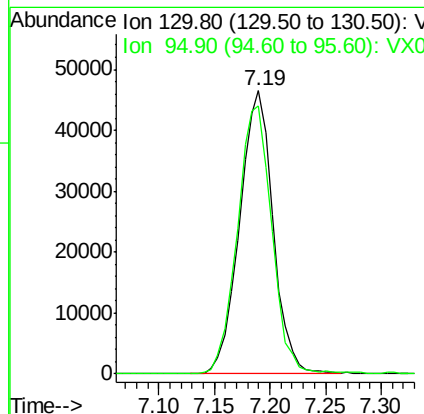
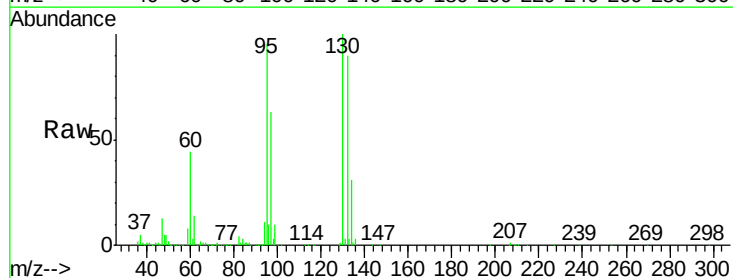
MMDadoda
 9/9/2020 8:48:17 PM

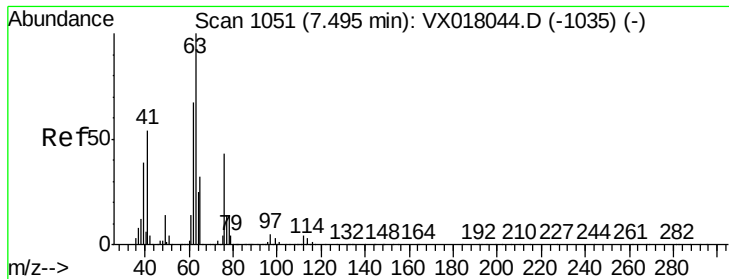


#44

Trichloroethene
 Concen: 20.150 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	196.4





#45

1,2-Dichloropropane

Concen: 18.850 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBSD01

Tgt Ion: 63 Resp: 86380

Ion Ratio Lower Upper

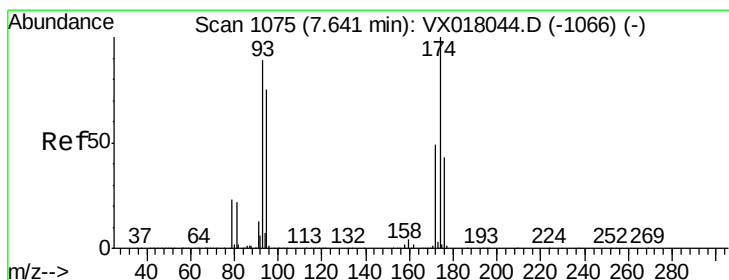
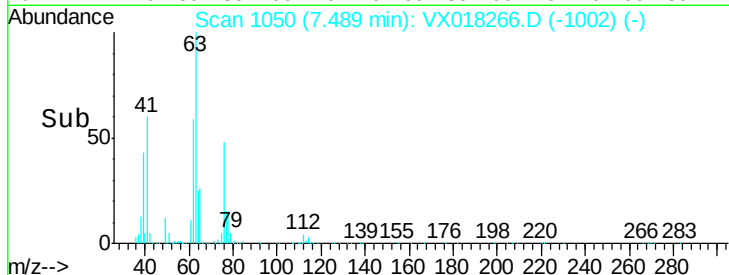
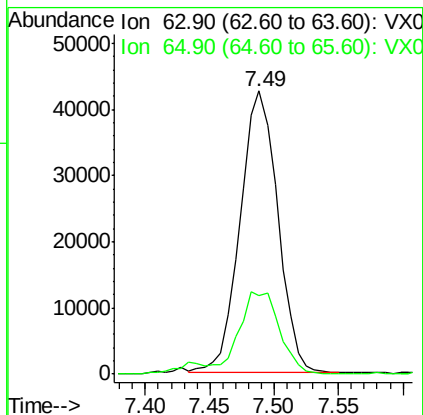
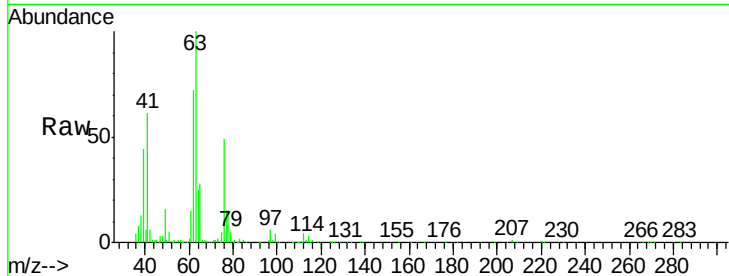
63 100

65 27.7 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



#46

Dibromomethane

Concen: 20.565 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

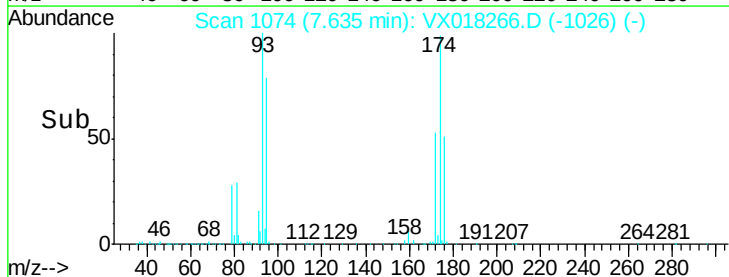
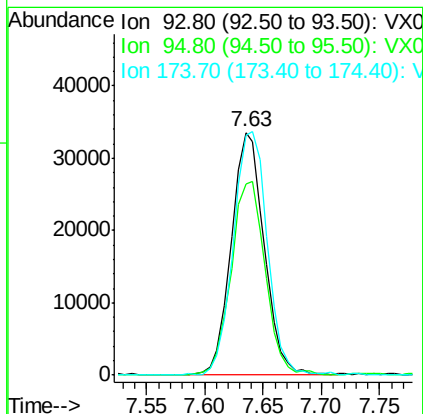
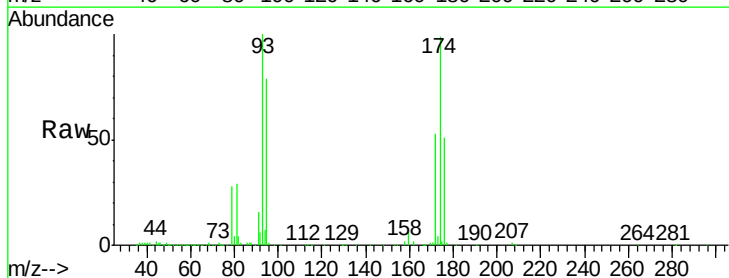
Tgt Ion: 93 Resp: 66268

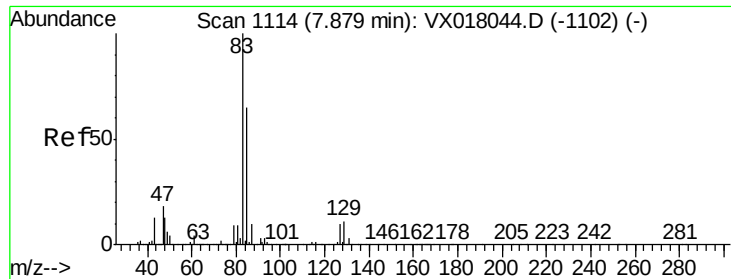
Ion Ratio Lower Upper

93 100

95 82.8 67.3 100.9

174 103.5 82.2 123.2





#47

Bromodichloromethane

Concen: 21.082 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

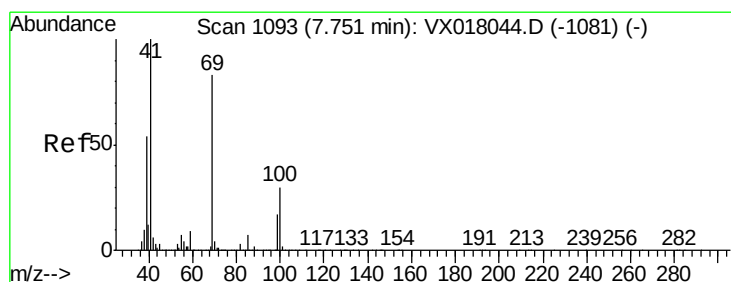
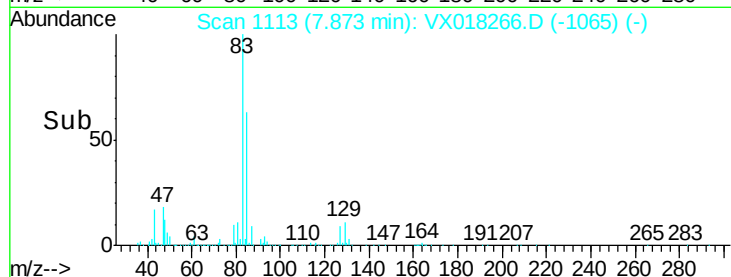
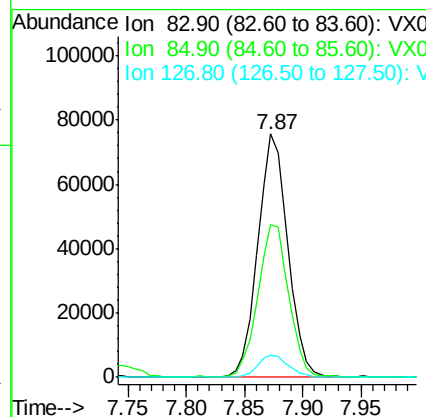
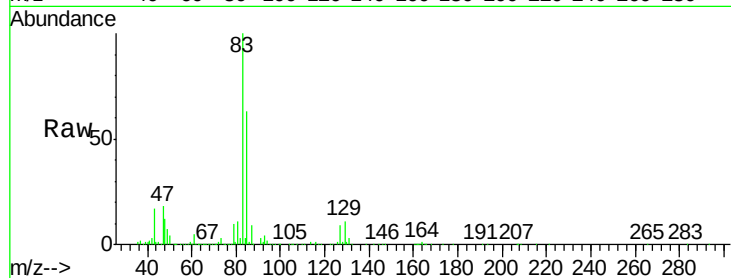
ClientSampleId :

VX0908WBSD01

Tgt Ion:	83	Resp:	135647
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.8	77.6
127	8.9	7.7	11.5

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#48

Methyl methacrylate

Concen: 18.600 ug/l

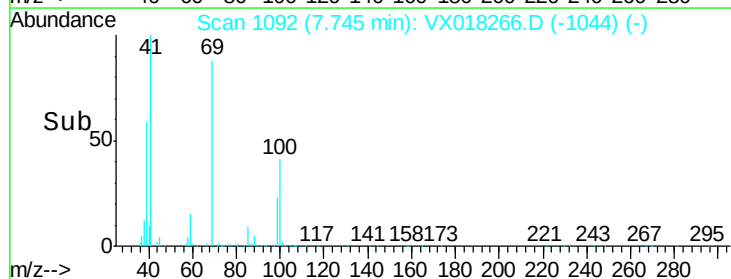
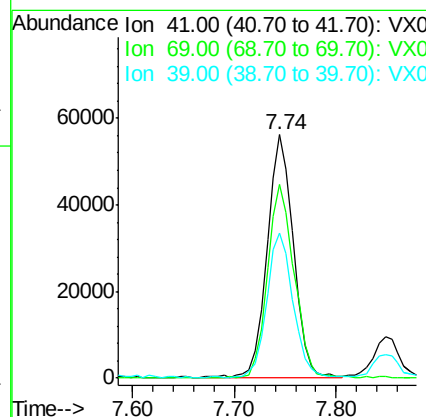
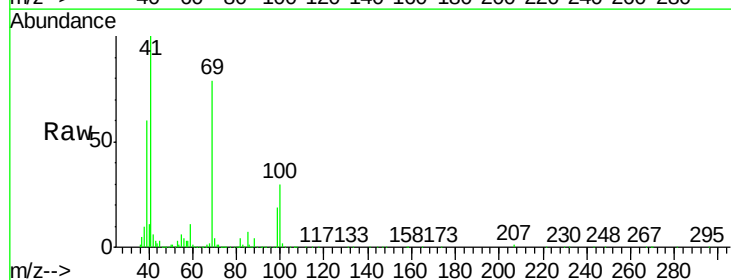
RT: 7.74 min Scan# 1092

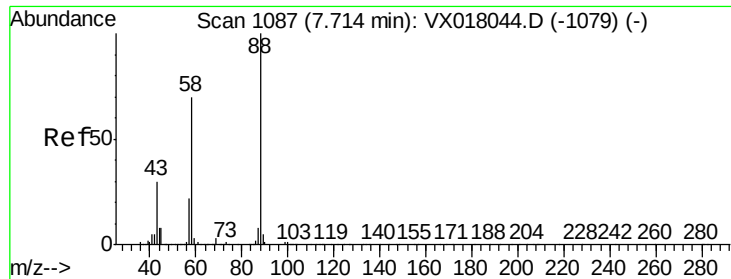
Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	41	Resp:	100506
Ion	Ratio	Lower	Upper
41	100		
69	81.0	65.5	98.3
39	58.7	44.5	66.7





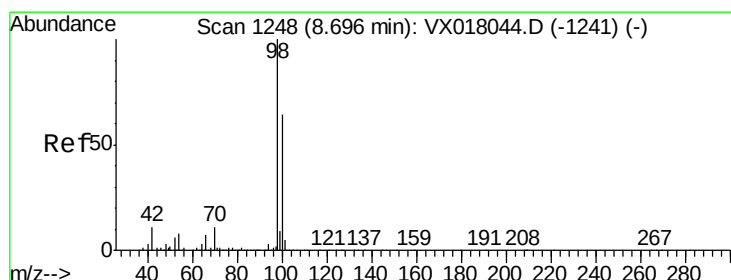
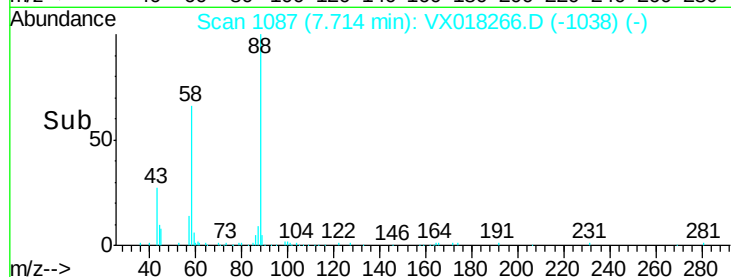
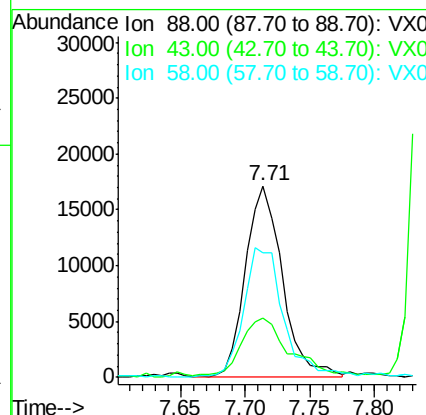
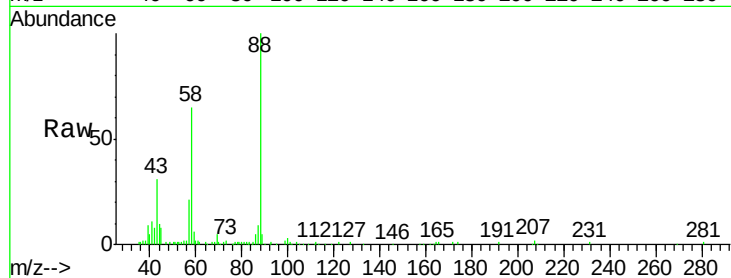
#49
1,4-Dioxane
Concen: 349.148 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.1	27.4	41.0
58	73.5	56.4	84.6

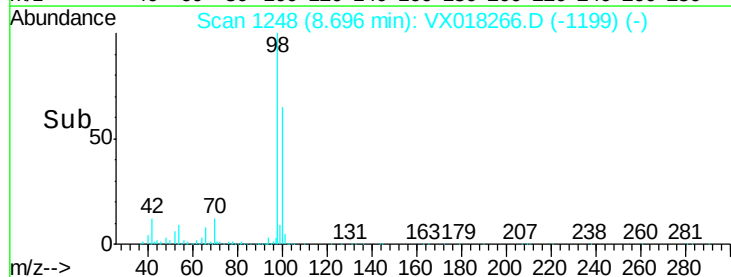
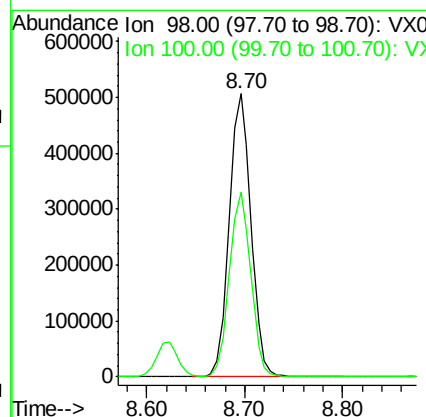
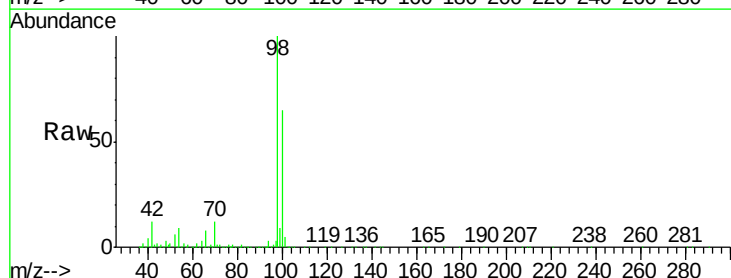
Manual Integrations
APPROVED

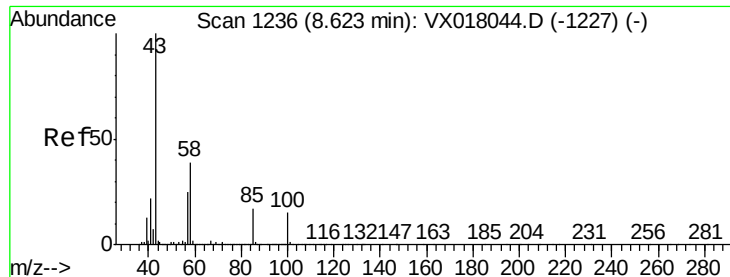
MMDadoda
9/9/2020 8:48:17 PM



#50
Toluene-d8
Concen: 49.123 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4





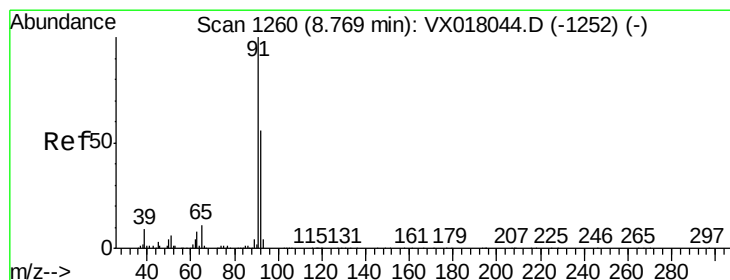
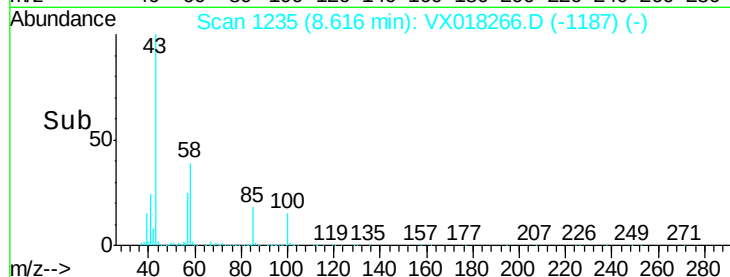
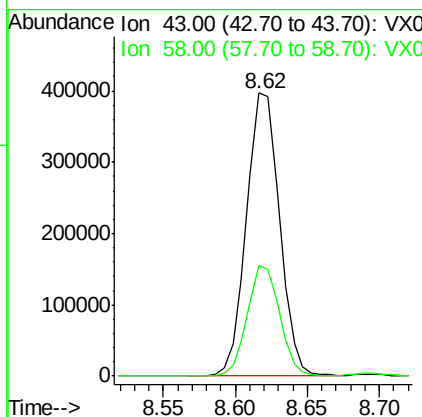
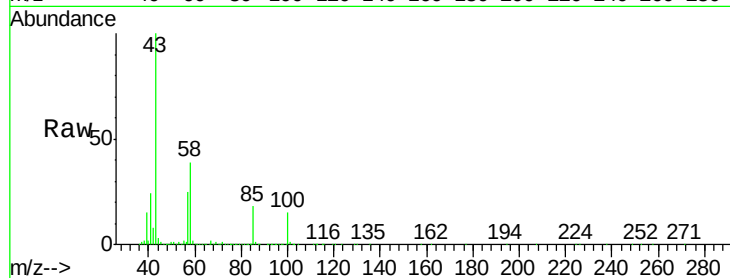
#51
4-Methyl-2-Pentanone
Concen: 94.034 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion: 43 Resp: 630504
Ion Ratio Lower Upper
43 100
58 38.2 30.7 46.1

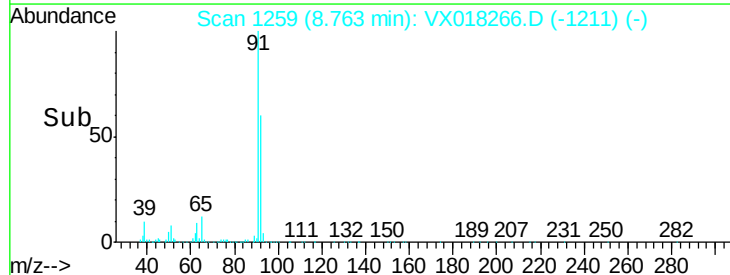
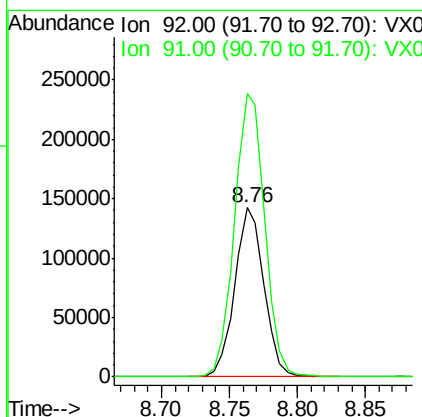
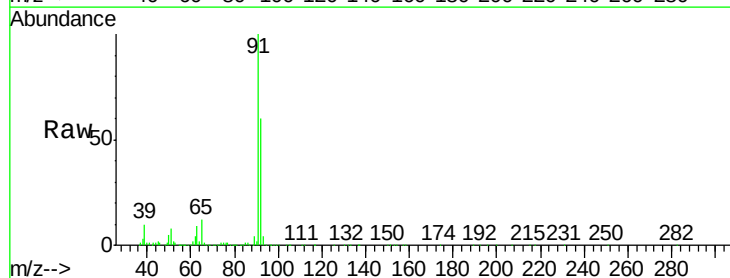
Manual Integrations
APPROVED

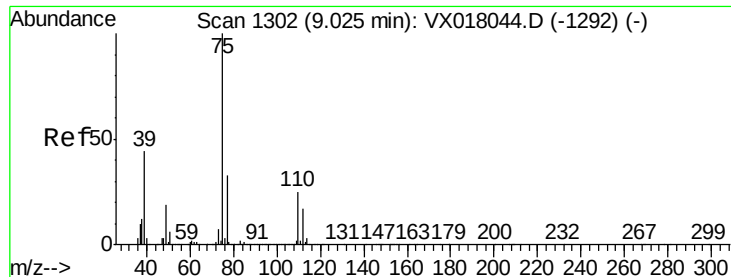
MMDadoda
9/9/2020 8:48:17 PM



#52
Toluene
Concen: 19.753 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion: 92 Resp: 212957
Ion Ratio Lower Upper
92 100
91 173.1 140.3 210.5





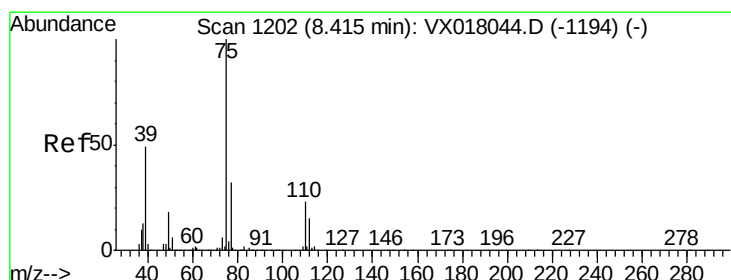
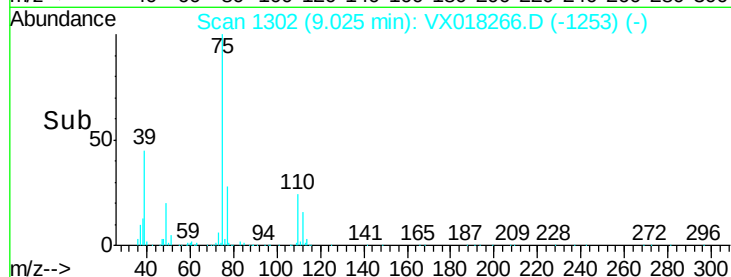
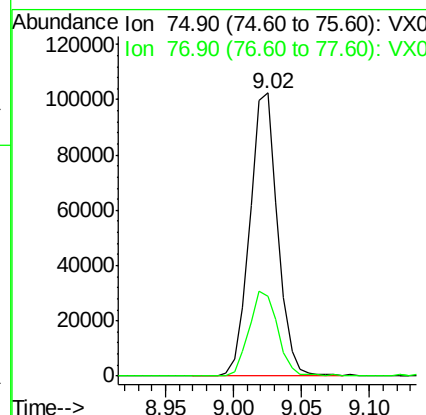
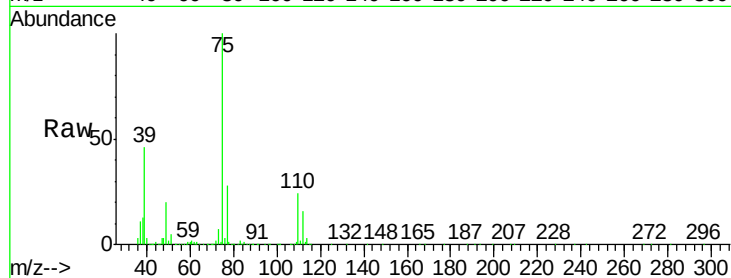
#53
t-1,3-Dichloropropene
Concen: 20.652 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion: 75 Resp: 147270
Ion Ratio Lower Upper
75 100
77 28.0 26.6 39.8

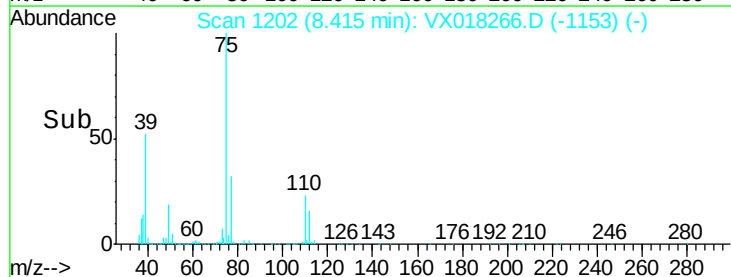
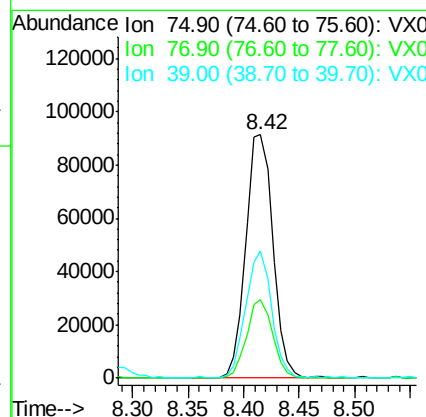
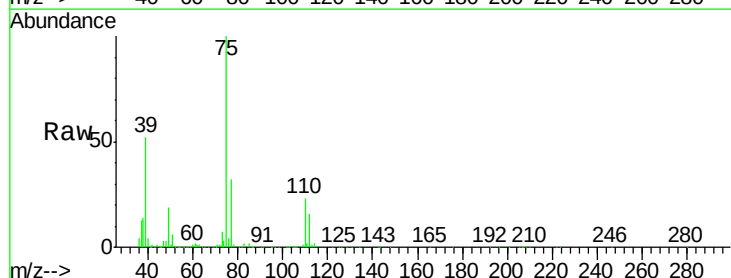
Manual Integrations
APPROVED

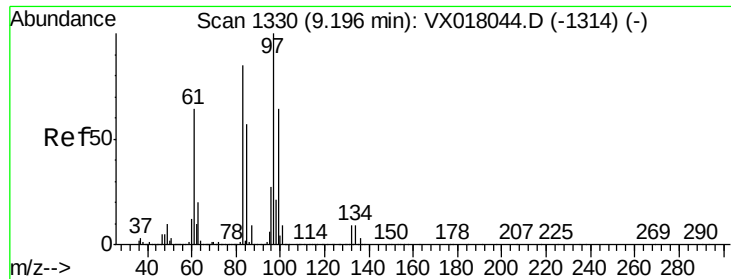
MMDadoda
9/9/2020 8:48:17 PM



#54
cis-1,3-Dichloropropene
Concen: 20.603 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion: 75 Resp: 155638
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
39 52.3 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 20.249 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

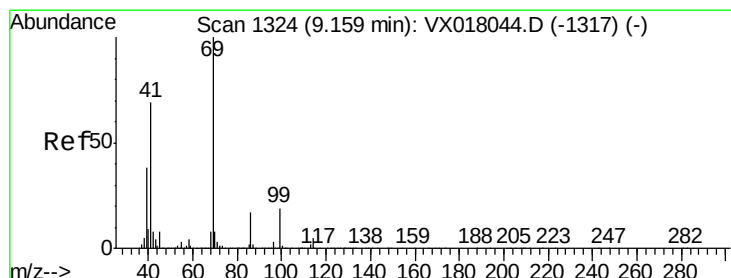
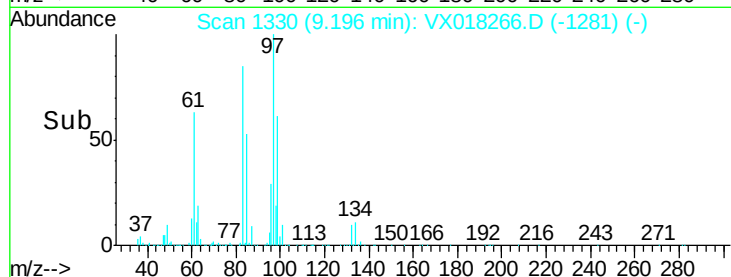
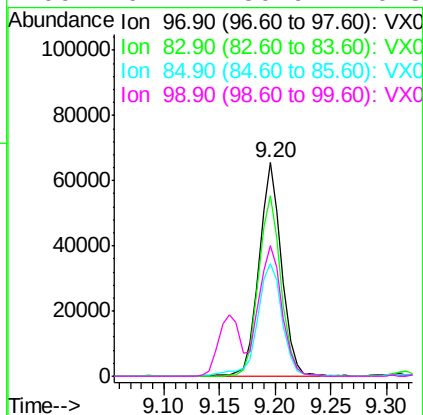
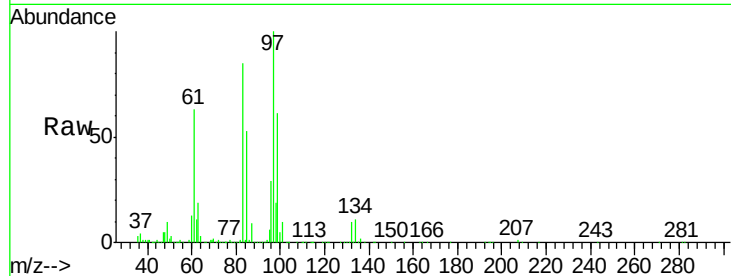
ClientSampleId :

VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.8	101.6
85	52.9	45.3	67.9
99	61.4	50.9	76.3

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#56

Ethyl methacrylate

Concen: 18.739 ug/l

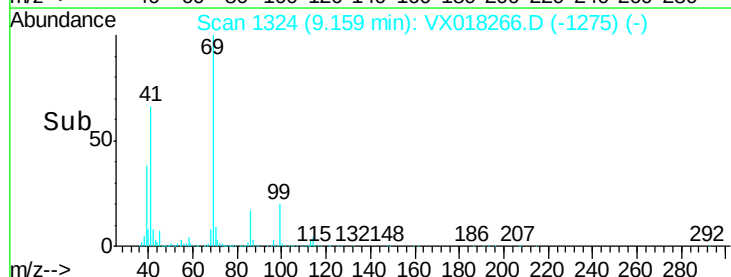
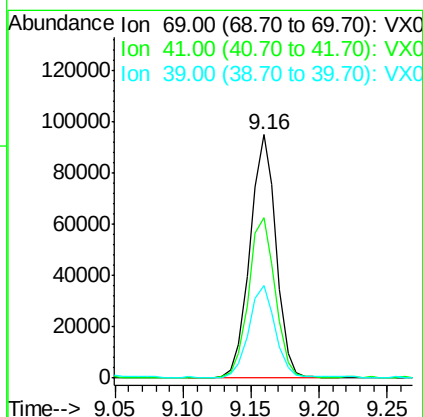
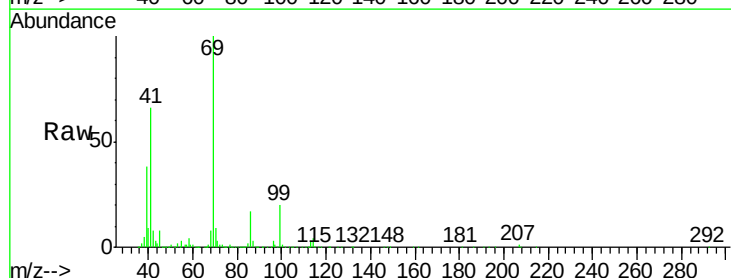
RT: 9.16 min Scan# 1324

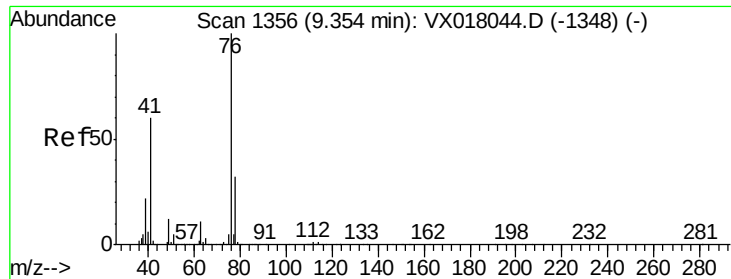
Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.6	81.8
39	38.0	29.1	43.7





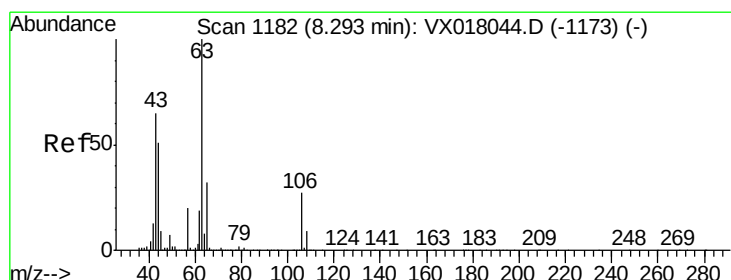
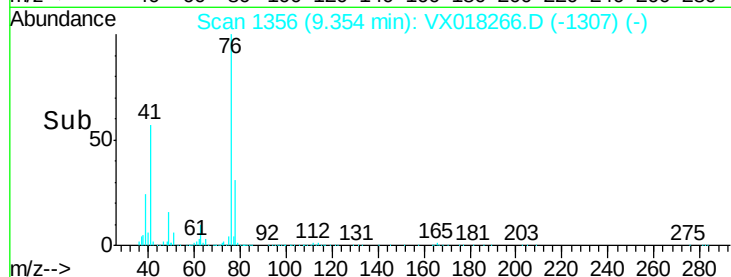
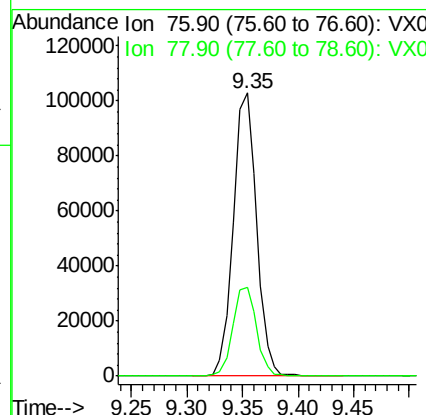
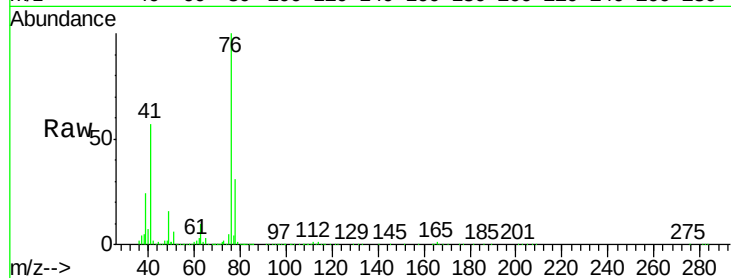
#57
 1,3-Dichloropropane
 Concen: 19.652 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

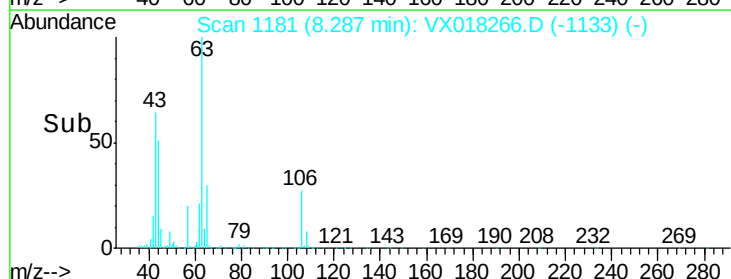
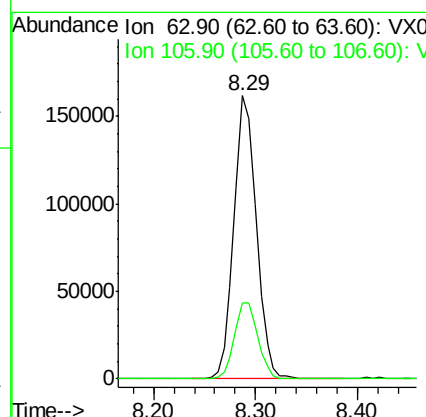
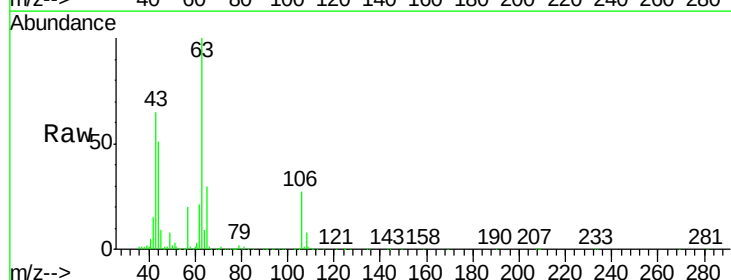
Manual Integrations
 APPROVED

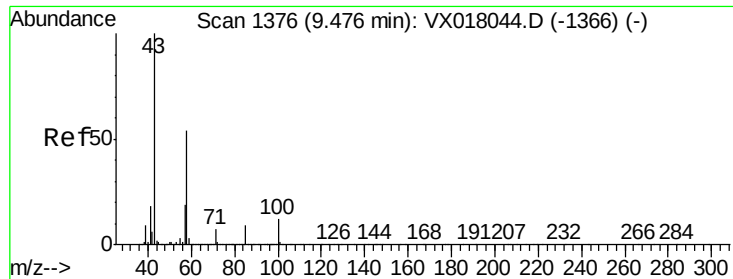
MMDadoda
 9/9/2020 8:48:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.023 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.1	33.1





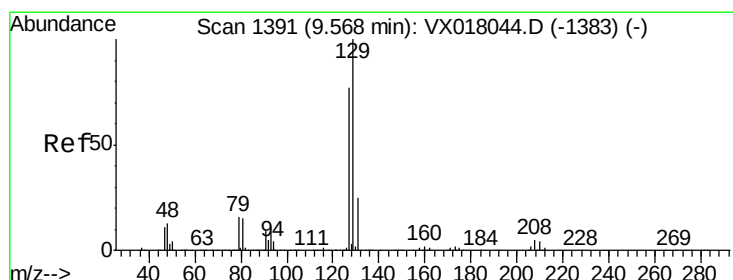
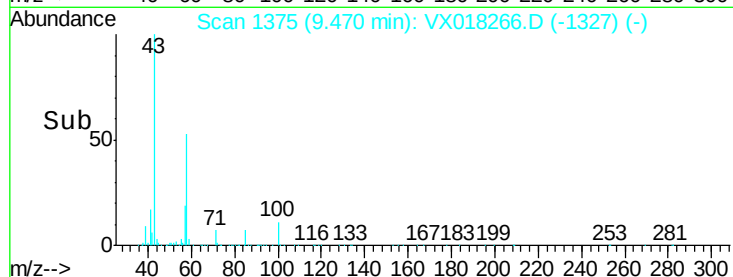
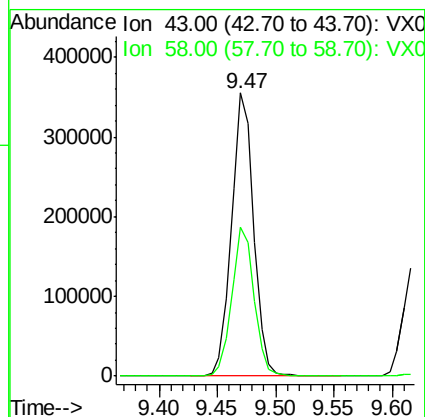
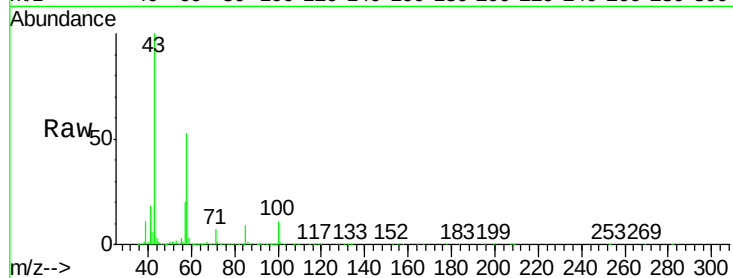
#59
2-Hexanone
Concen: 92.138 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion: 43 Resp: 469760
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7

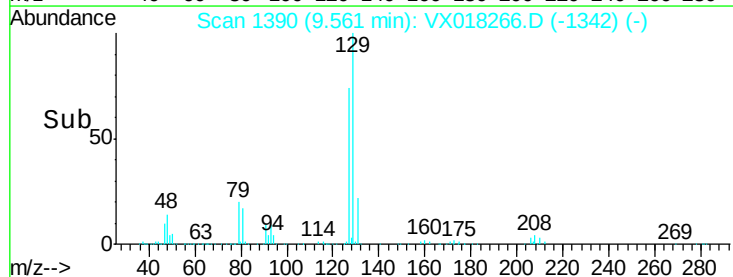
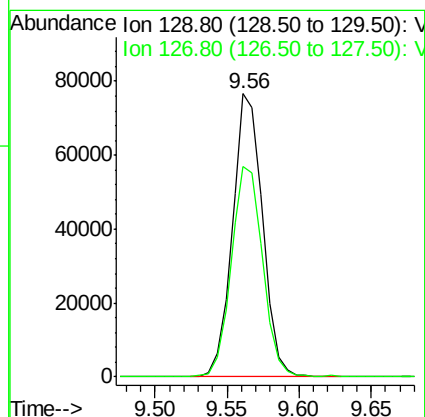
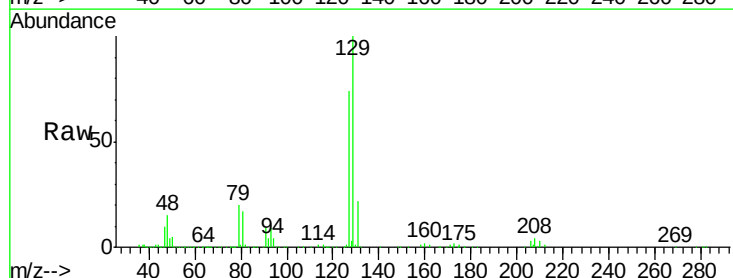
Manual Integrations
APPROVED

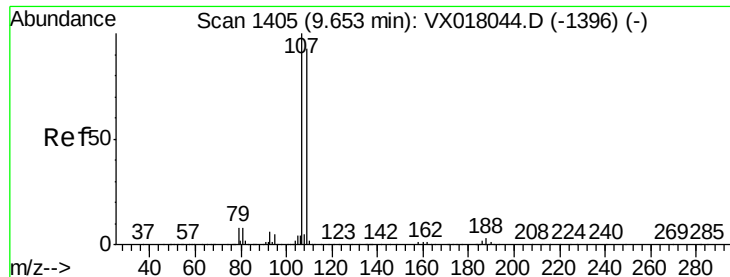
MMDadoda
9/9/2020 8:48:17 PM



#60
Dibromochloromethane
Concen: 20.728 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion: 129 Resp: 111807
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.330 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBSD01

Tgt Ion: 107 Resp: 96497

Ion Ratio Lower Upper

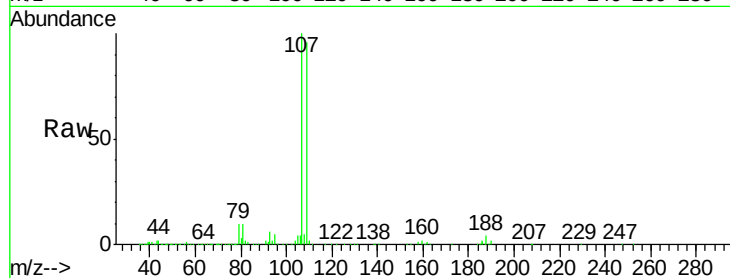
107 100

109 95.3 75.9 113.9

Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

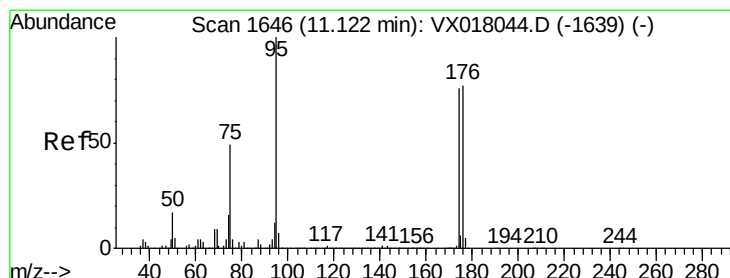
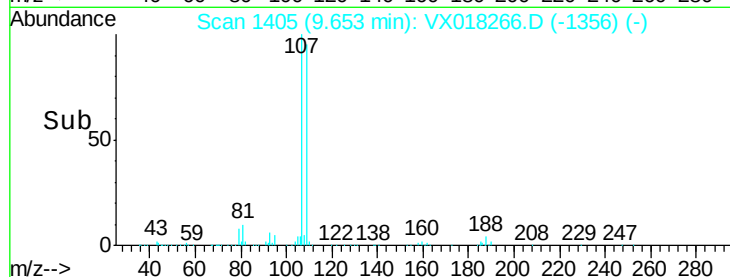
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.415 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

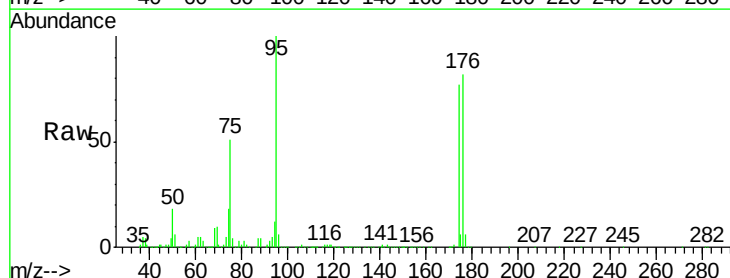
Tgt Ion: 95 Resp: 309383

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.2

176 78.1 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

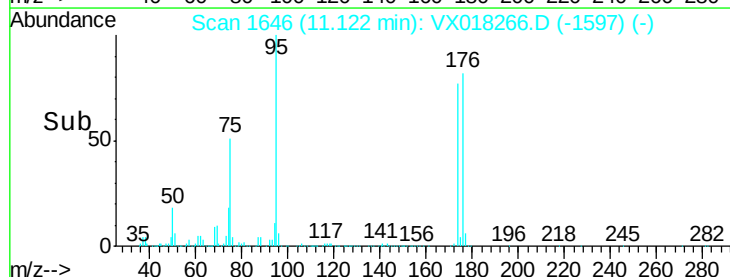
300000

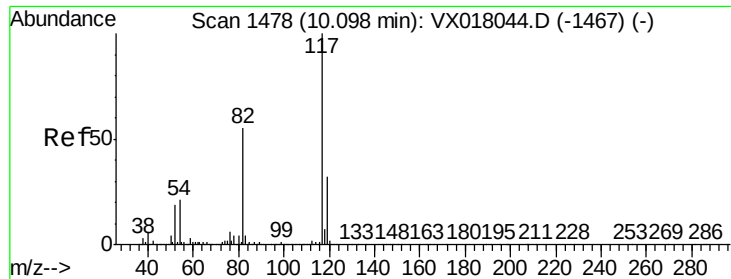
200000

100000

0

Time-->





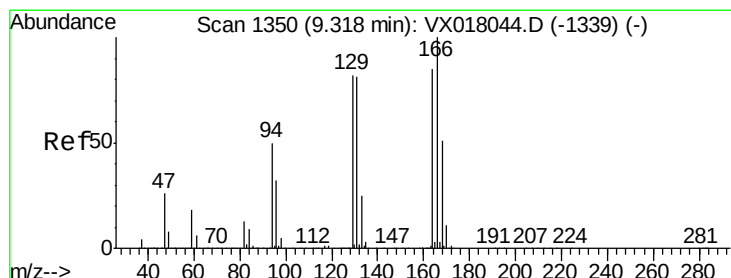
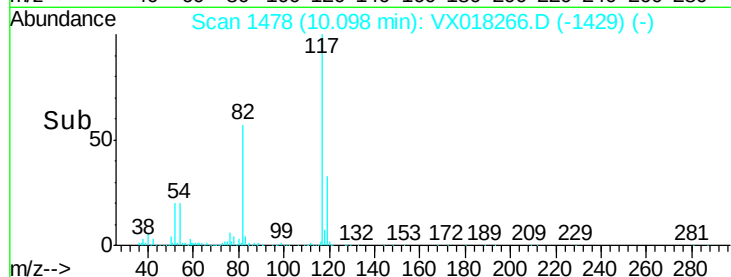
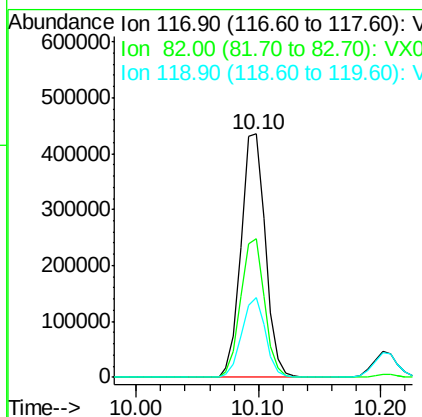
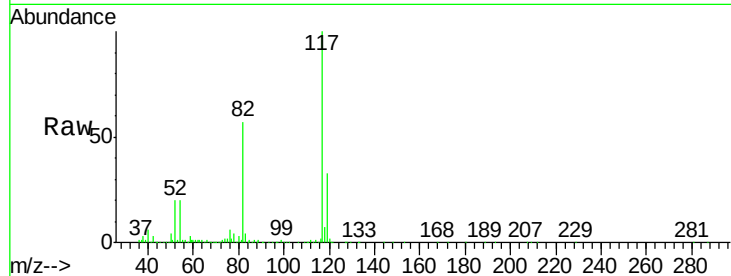
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.8	44.2	66.2
119	33.0	25.7	38.5

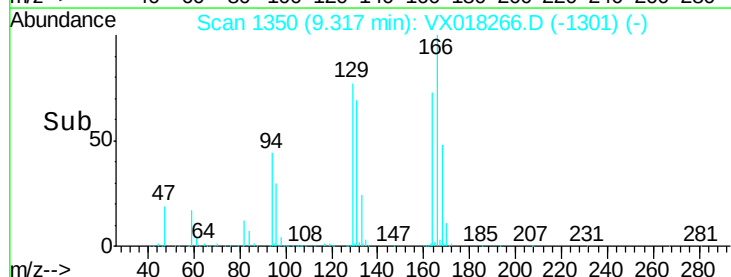
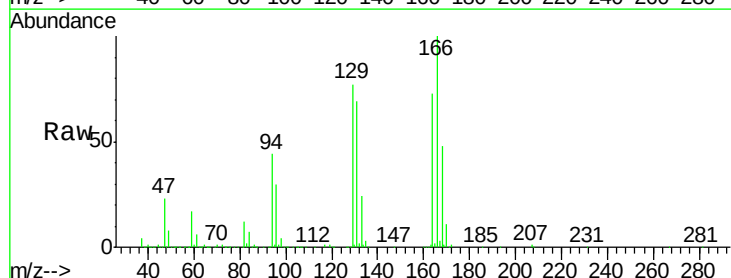
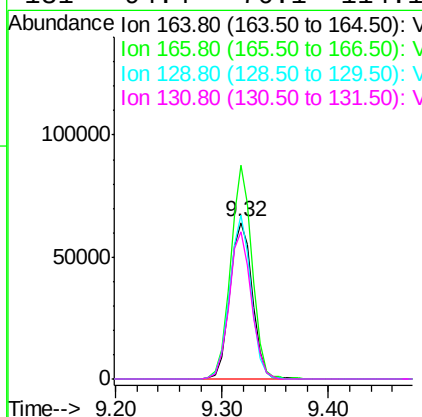
Manual Integrations
APPROVED

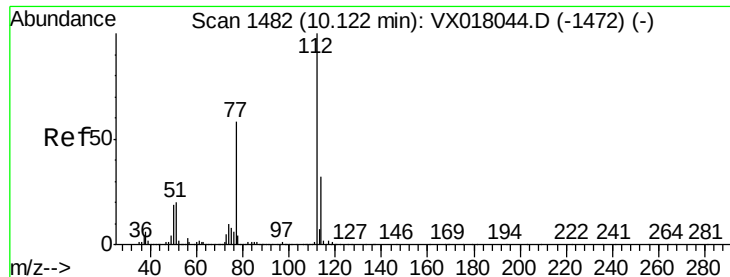
MMDadoda
9/9/2020 8:48:17 PM



#64
Tetrachloroethene
Concen: 21.719 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	136.5	94.2	141.2
129	104.7	76.9	115.3
131	94.4	76.1	114.1





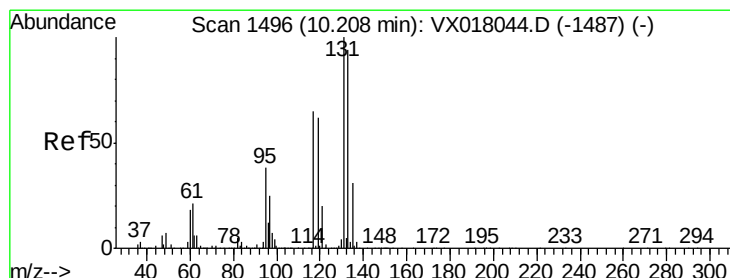
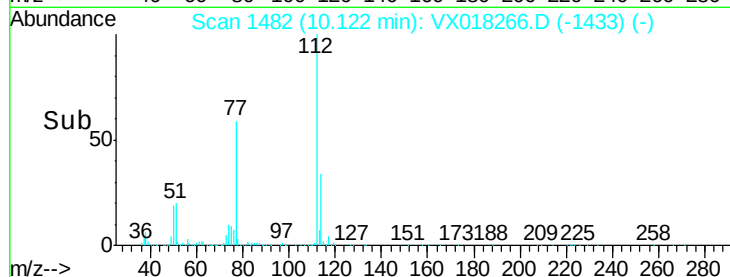
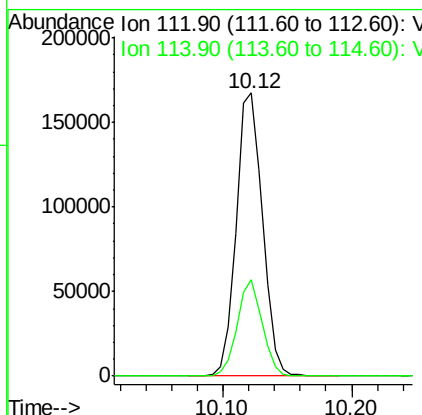
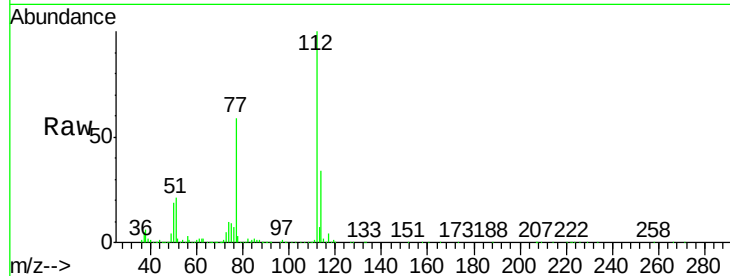
#65
Chlorobenzene
Concen: 19.858 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.2	25.7	38.5

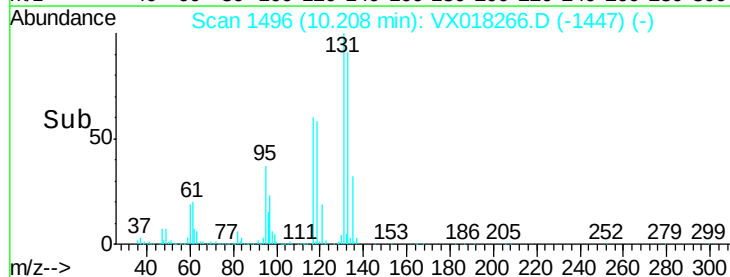
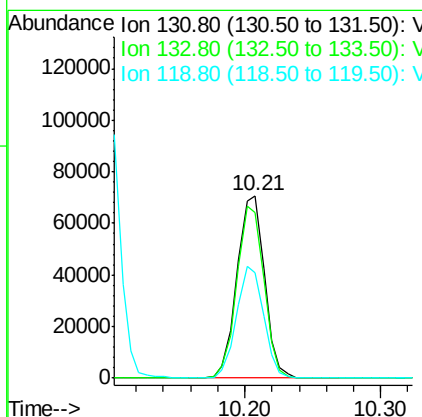
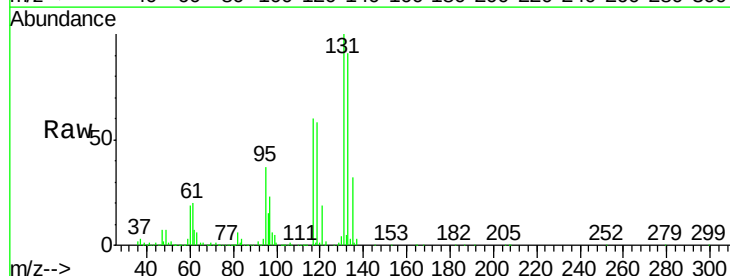
Manual Integrations
APPROVED

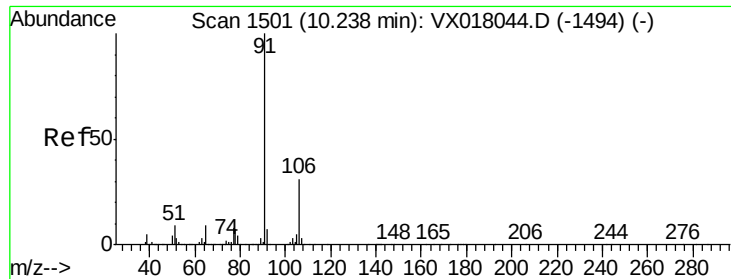
MMDadoda
9/9/2020 8:48:17 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.167 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	46.7	140.1
119	60.6	31.8	95.4





#67

Ethyl Benzene

Concen: 19.894 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

VX0908WBSD01

Tgt Ion: 91 Resp: 403914

Ion Ratio Lower Upper

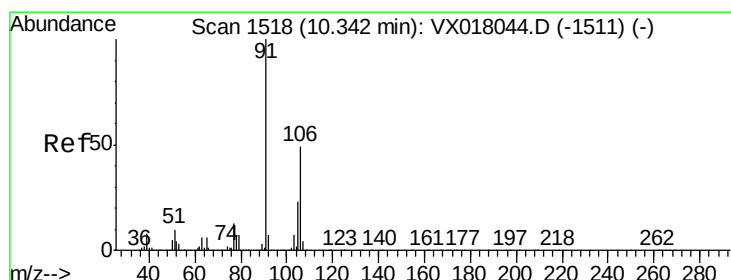
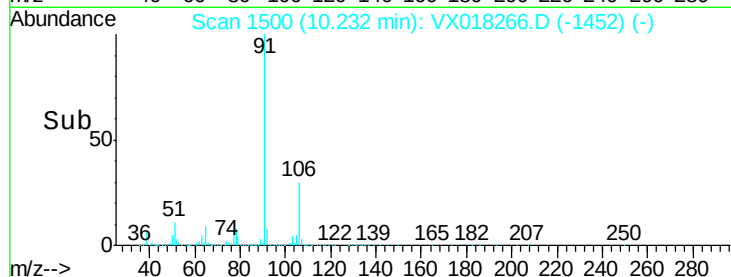
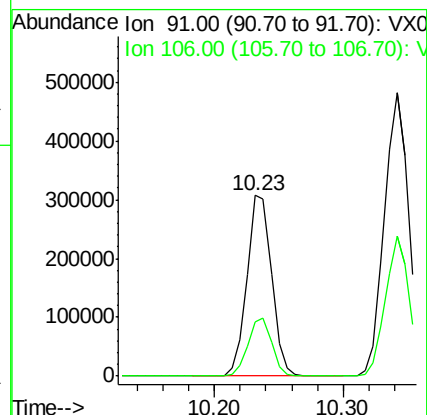
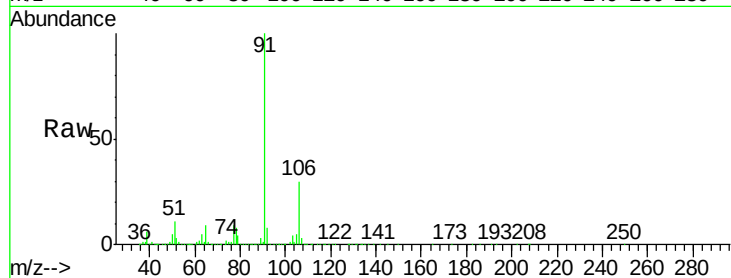
91 100

106 30.3 24.9 37.3

Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



#68

m/p-Xylenes

Concen: 40.412 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018266.D

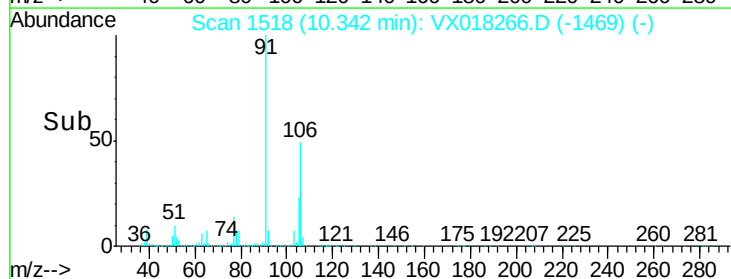
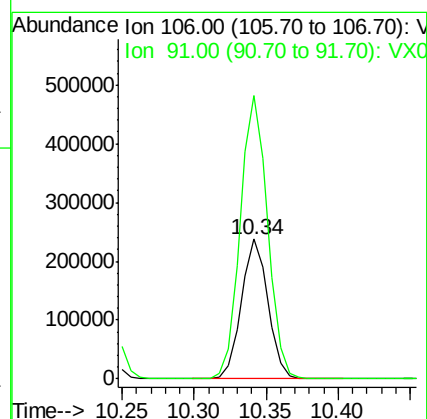
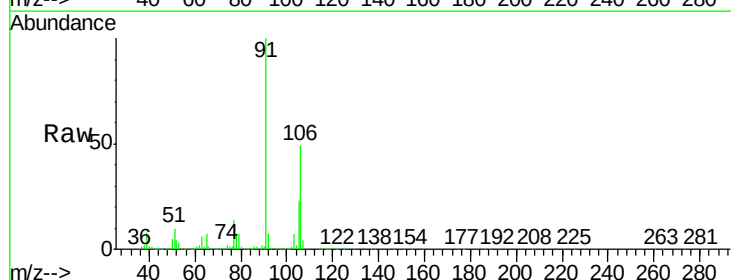
Acq: 08 Sep 2020 11:47

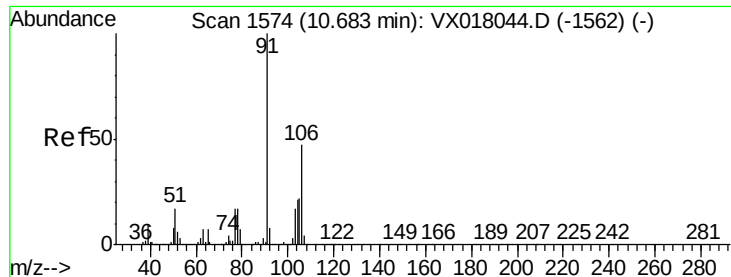
Tgt Ion: 106 Resp: 306246

Ion Ratio Lower Upper

106 100

91 207.2 162.2 243.2





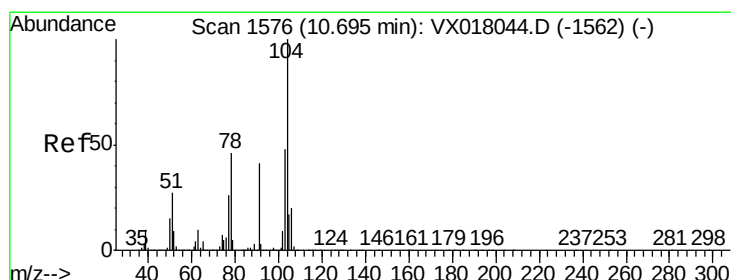
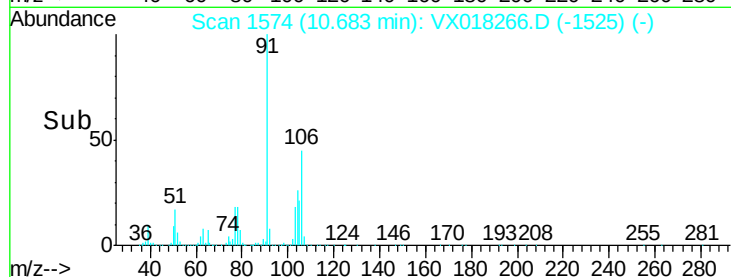
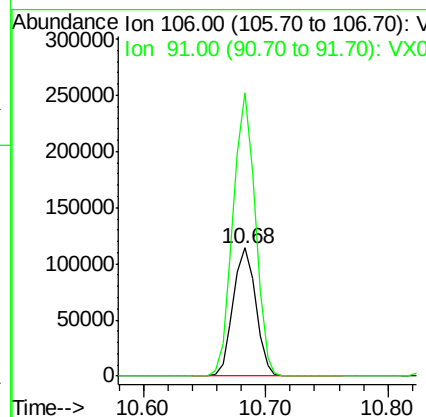
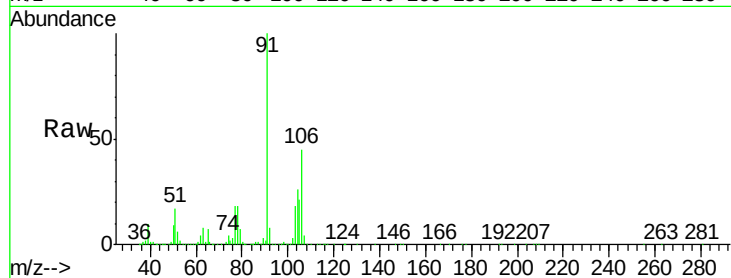
#69
o-Xylene
Concen: 20.016 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.2	107.1	321.3

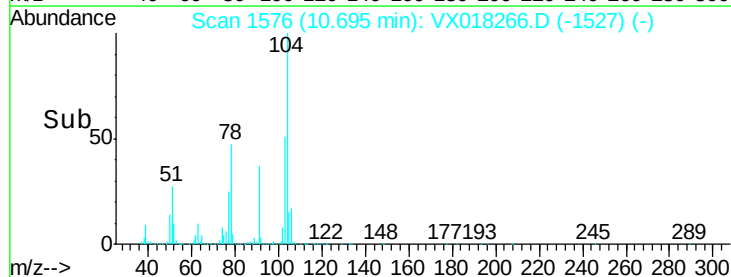
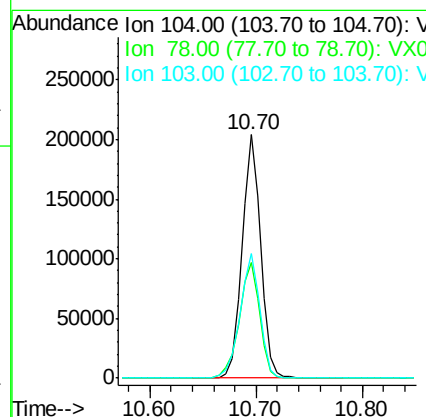
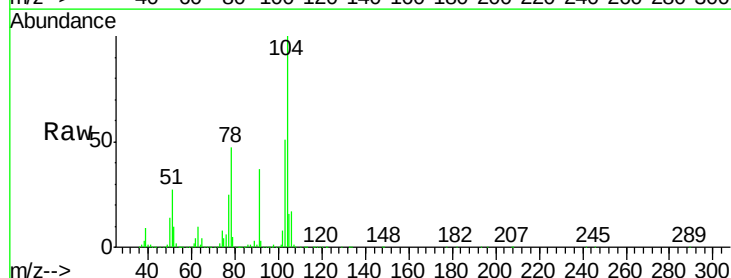
Manual Integrations
APPROVED

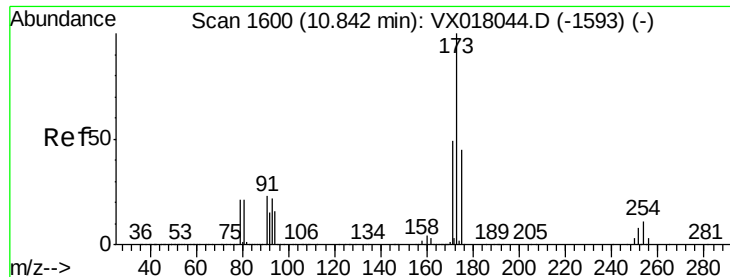
MMDadoda
9/9/2020 8:48:17 PM



#70
Styrene
Concen: 20.082 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.0	40.9	61.3
103	54.4	43.6	65.4





#71

Bromoform

Concen: 20.281 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBSD01

Tgt Ion:173 Resp: 81398

Ion Ratio Lower Upper

173 100

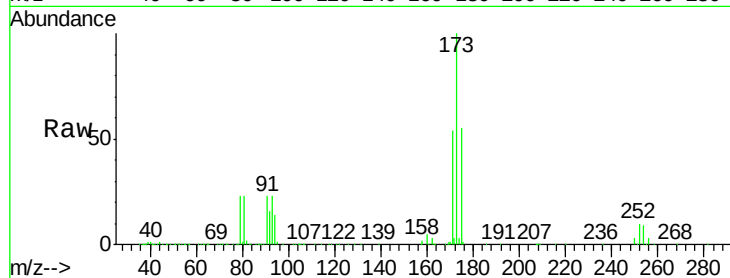
175 49.7 23.9 71.8

254 0.1 0.2 0.2#

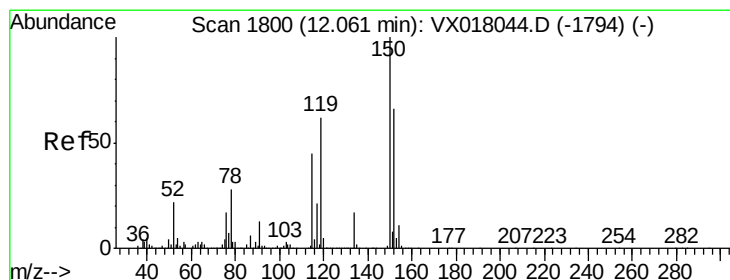
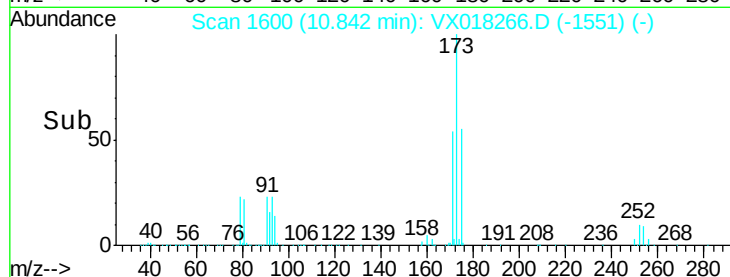
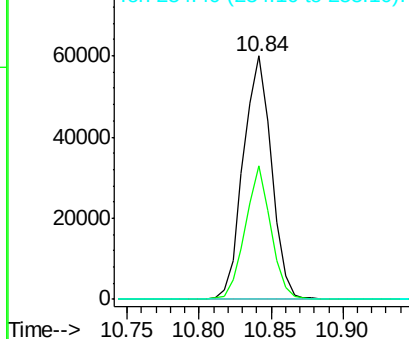
Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

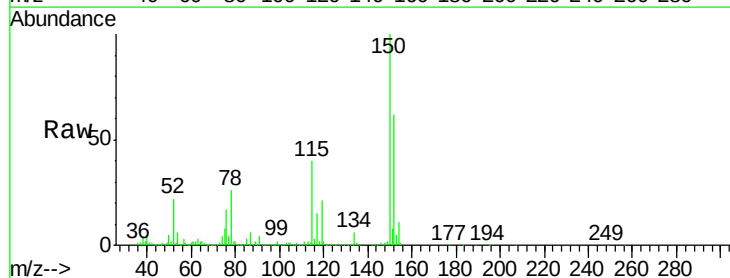
Tgt Ion:152 Resp: 329172

Ion Ratio Lower Upper

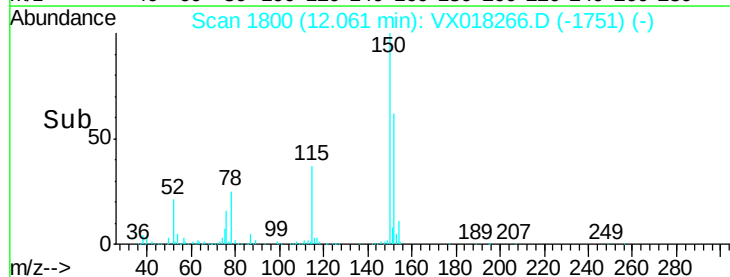
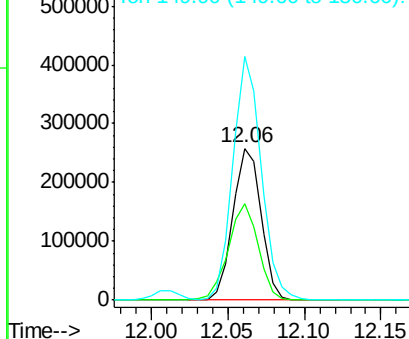
152 100

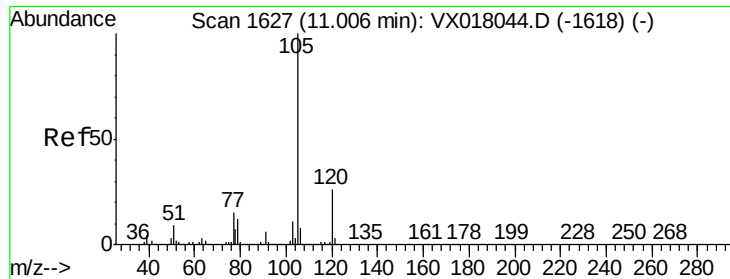
115 67.3 41.5 124.5

150 161.9 0.0 343.8



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





#73

Isopropylbenzene

Concen: 18.343 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

VX0908WBSD01

Tgt Ion: 105 Resp: 398272

Ion Ratio Lower Upper

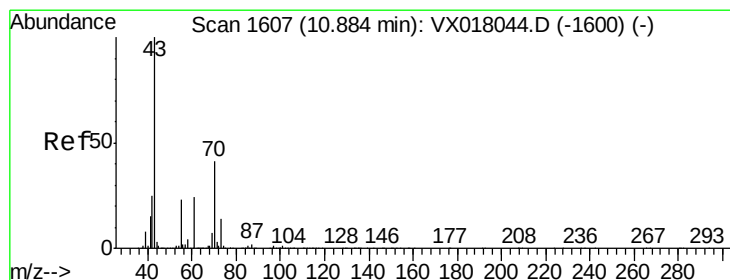
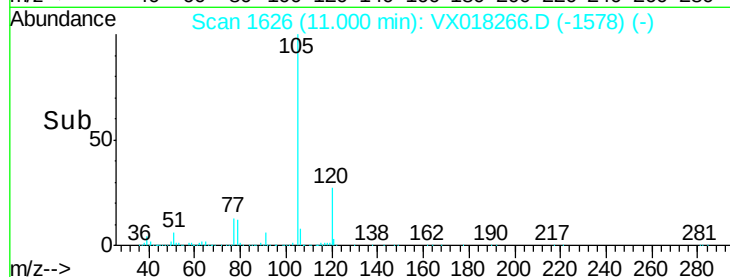
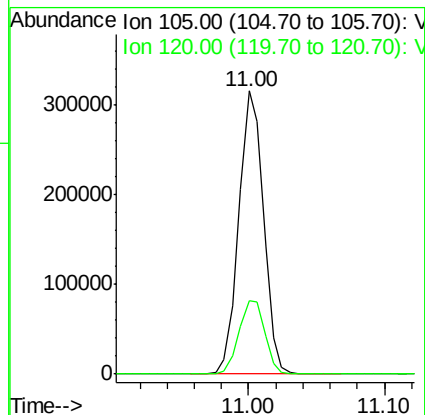
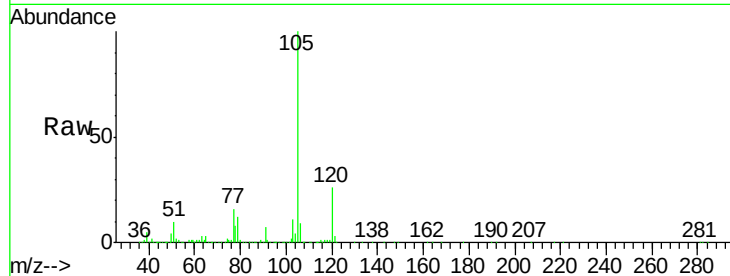
105 100

120 27.4 13.2 39.5

Manual Integrations
APPROVED

MMDadoda

9/9/2020 8:48:17 PM



#74

N-ethyl acetate

Concen: 16.407 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion: 43 Resp: 169025

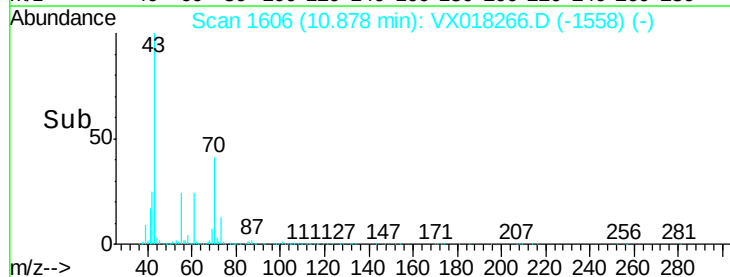
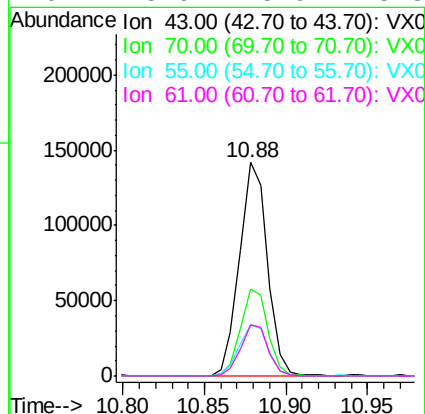
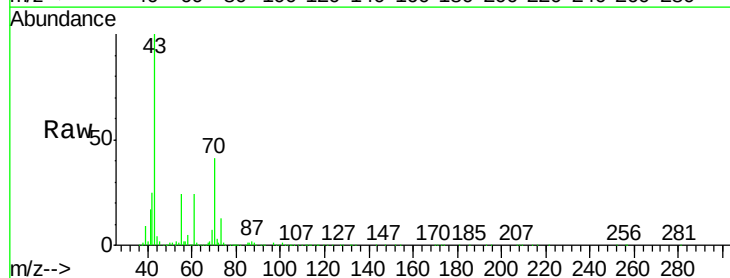
Ion Ratio Lower Upper

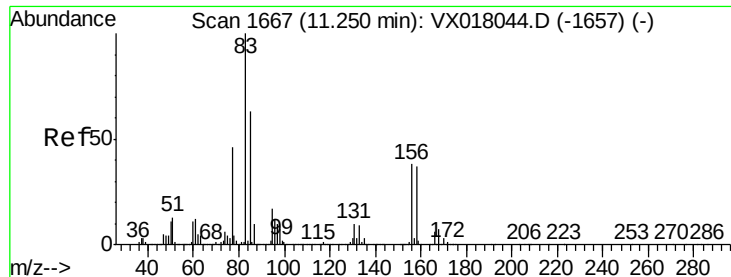
43 100

70 40.1 32.3 48.5

55 24.8 18.2 27.2

61 23.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.168 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

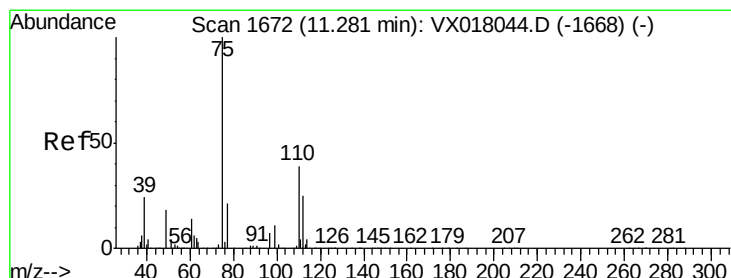
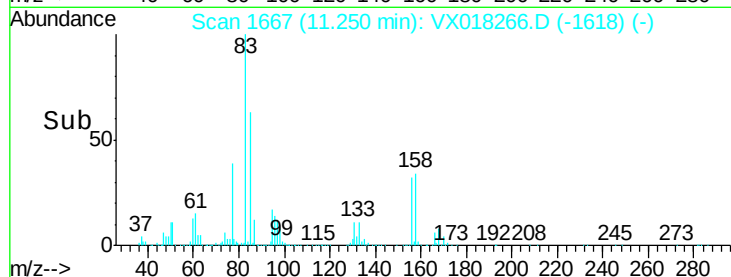
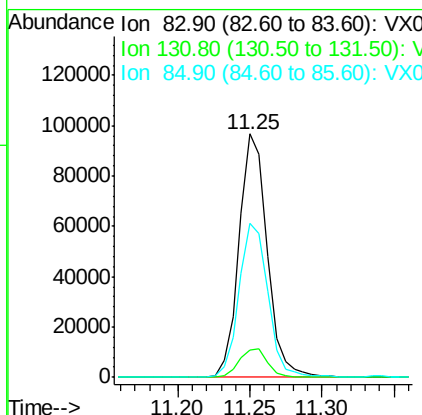
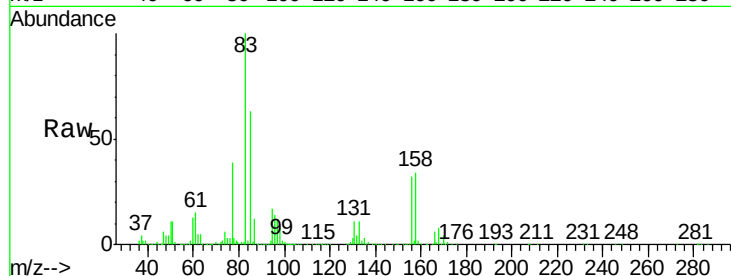
ClientSampleId :

VX0908WBSD01

Tgt Ion:	83	Resp:	131499
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.1	15.4
85	65.4	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#76

1,2,3-Trichloropropane

Concen: 17.869 ug/l m

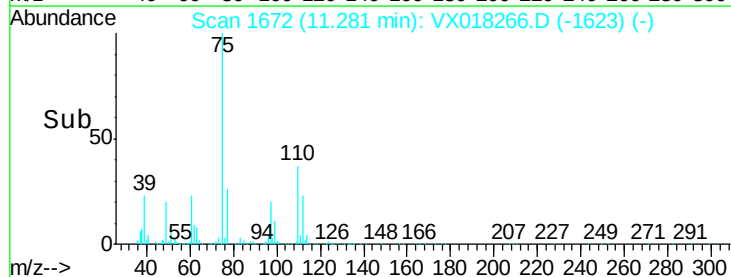
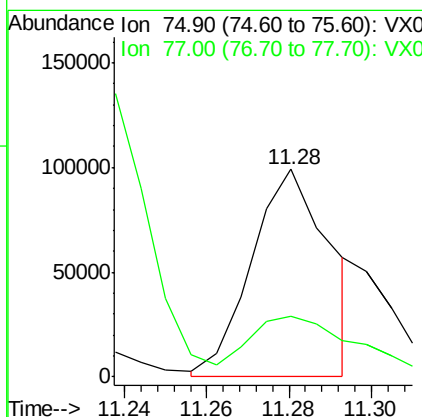
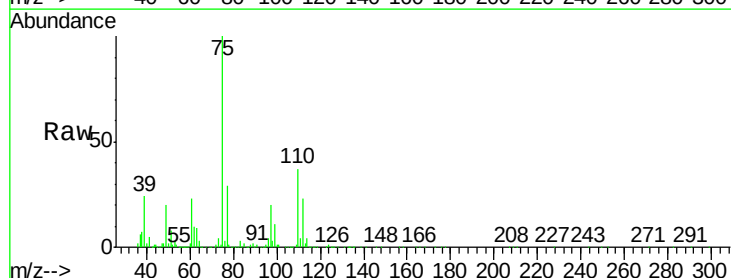
RT: 11.28 min Scan# 1672

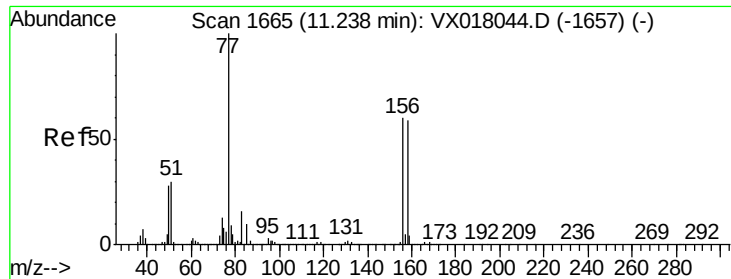
Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	75	Resp:	130848
Ion Ratio	Lower	Upper	
75	100		
77	39.9	20.8	62.2





#77

Bromobenzene

Concen: 18.655 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

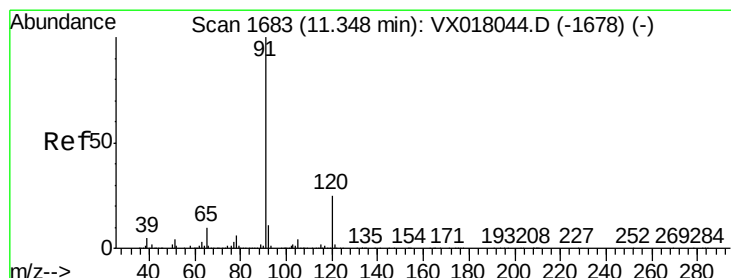
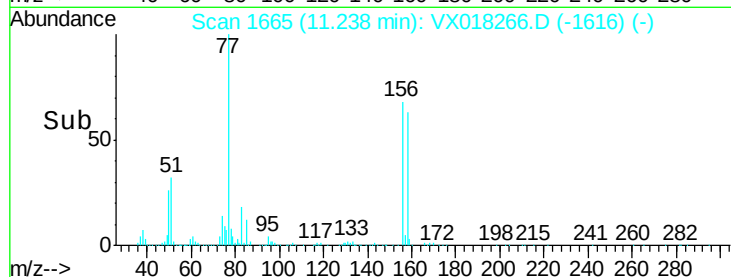
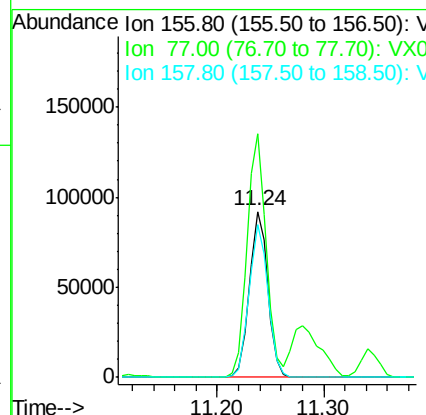
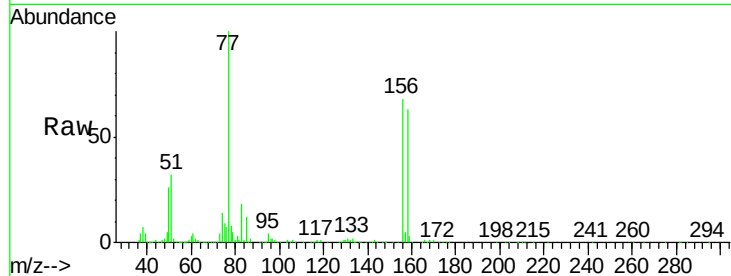
ClientSampled :

VX0908WBSD01

Tgt Ion:	156	Resp:	111962
Ion Ratio	Lower	Upper	
156	100		
77	151.8	80.0	240.2
158	95.0	49.5	148.7

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#78

n-propylbenzene

Concen: 18.712 ug/l

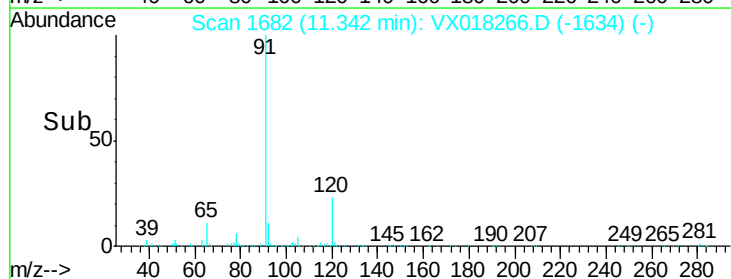
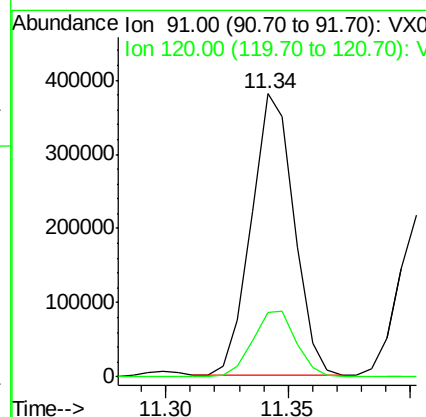
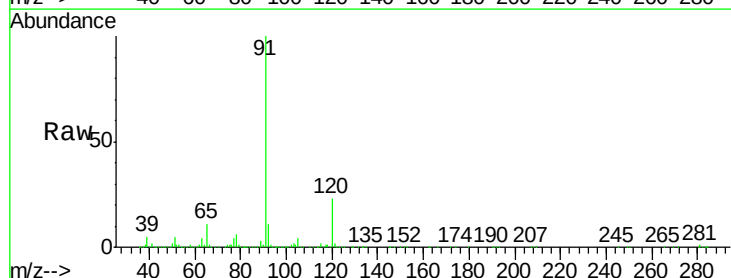
RT: 11.34 min Scan# 1682

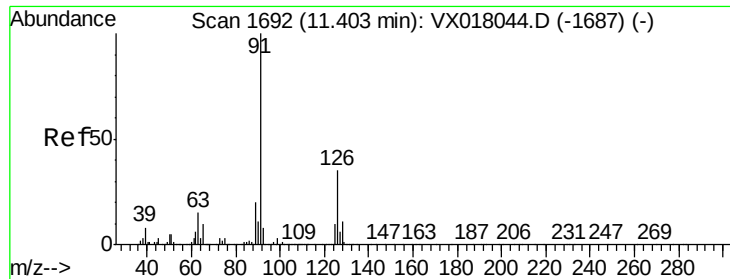
Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	91	Resp:	461315
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





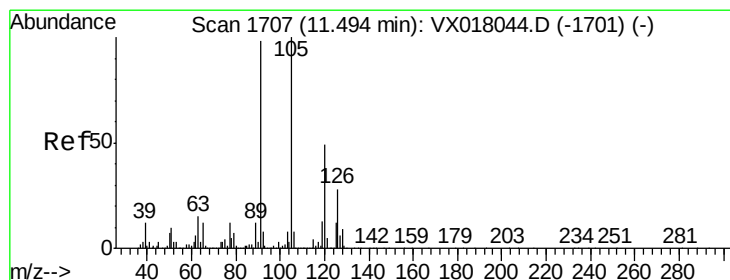
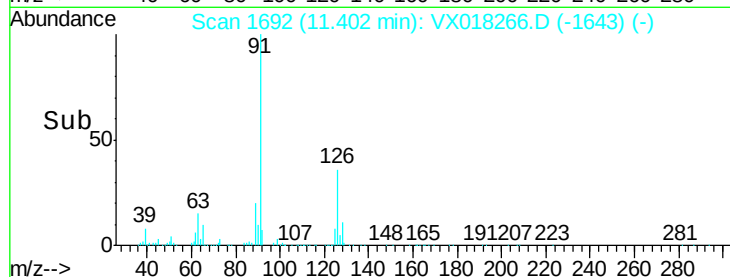
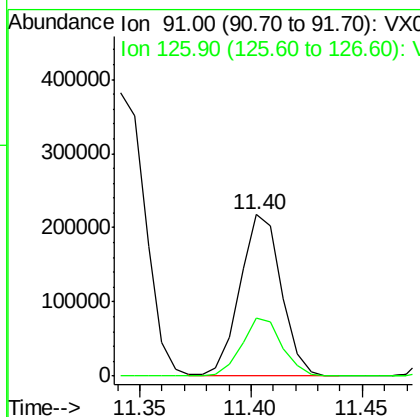
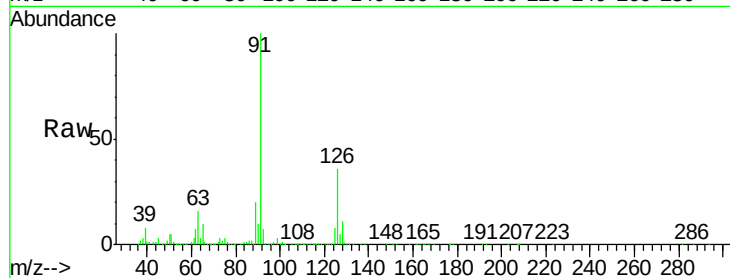
#79
 2-Chlorotoluene
 Concen: 18.503 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Tgt Ion: 91 Resp: 281830
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.4 52.2

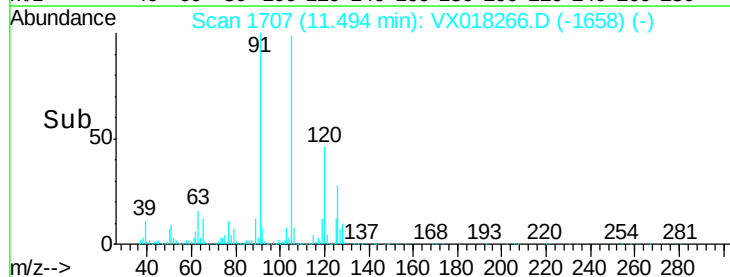
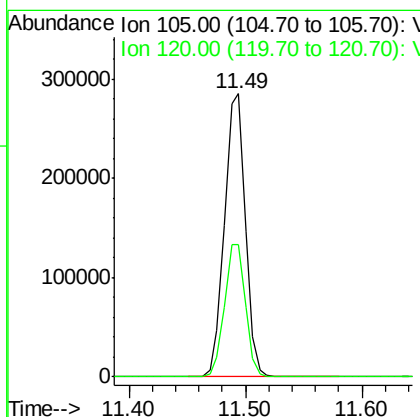
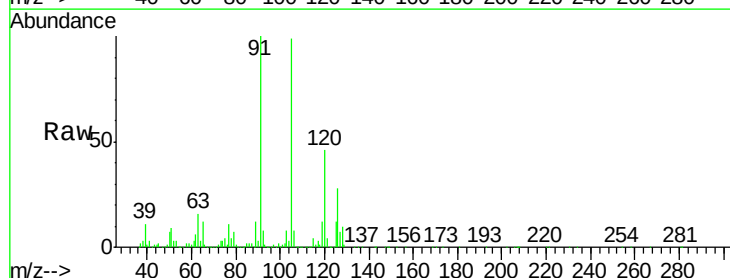
Manual Integrations
 APPROVED

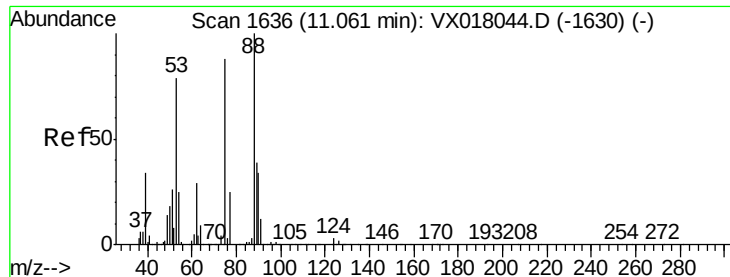
MMDadoda
 9/9/2020 8:48:17 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.779 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Tgt Ion: 105 Resp: 352912
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.379 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

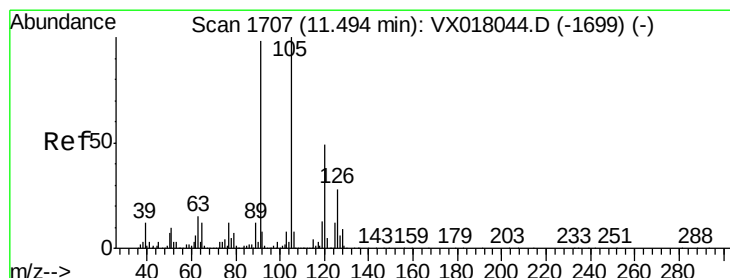
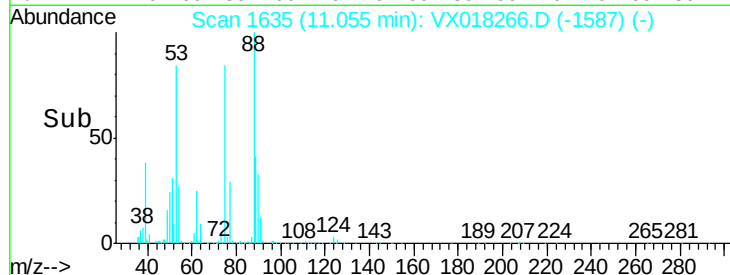
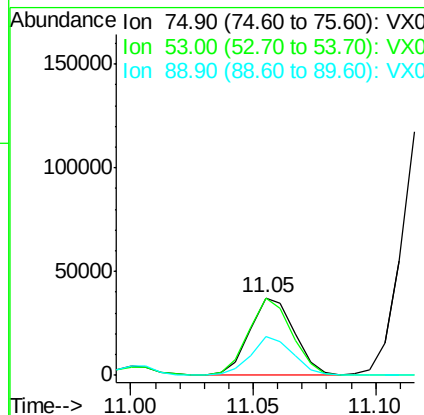
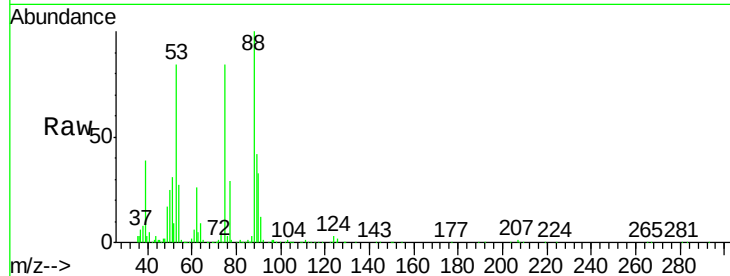
ClientSampleId :

VX0908WBSD01

Tgt Ion:	75	Resp:	47119
Ion	Ratio	Lower	Upper
75	100		
53	97.1	74.7	112.1
89	47.3	36.6	54.8

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#82

4-Chlorotoluene

Concen: 18.770 ug/l

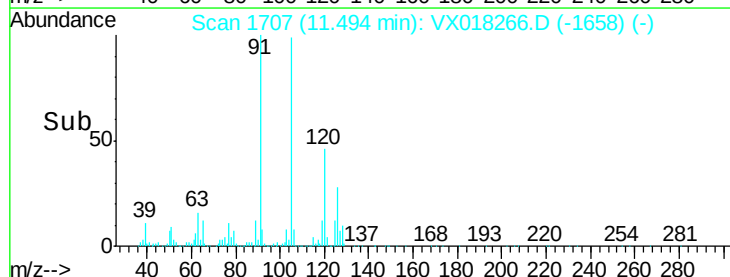
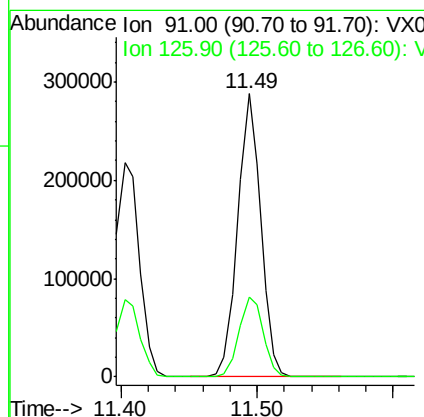
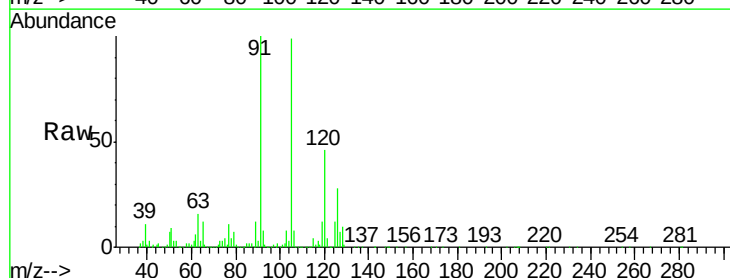
RT: 11.49 min Scan# 1707

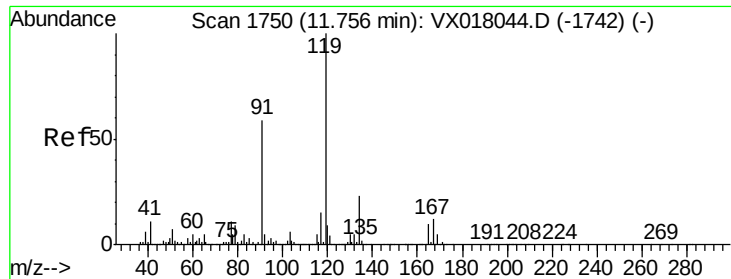
Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	91	Resp:	339880
Ion	Ratio	Lower	Upper
91	100		
126	29.4	15.1	45.3





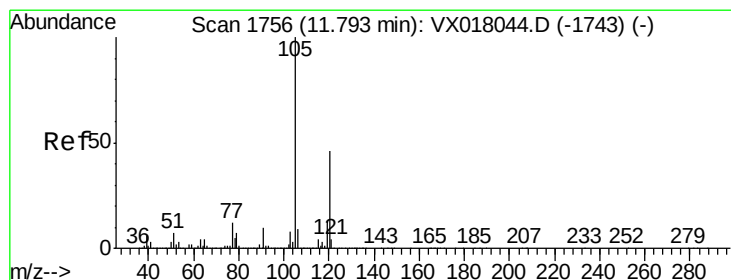
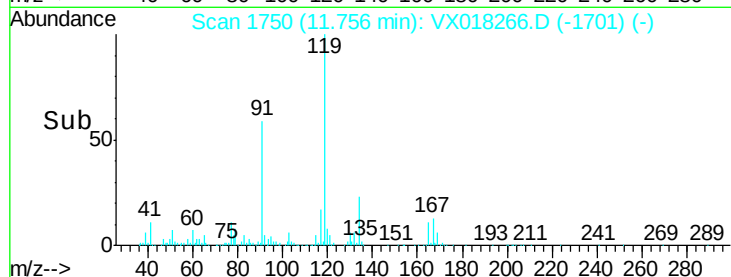
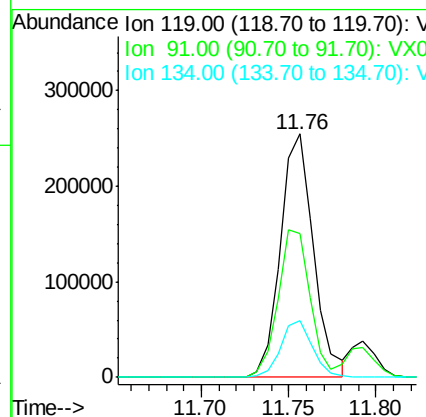
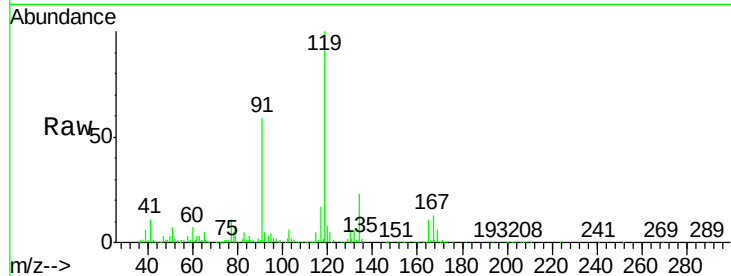
#83
 tert-Butylbenzene
 Concen: 19.045 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0908WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	335343		
91	58.5	28.2	84.7	
134	22.3	11.3	33.8	

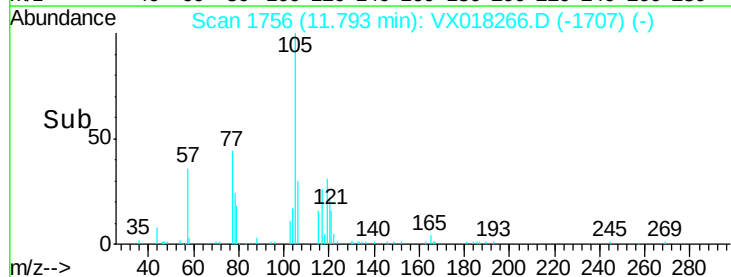
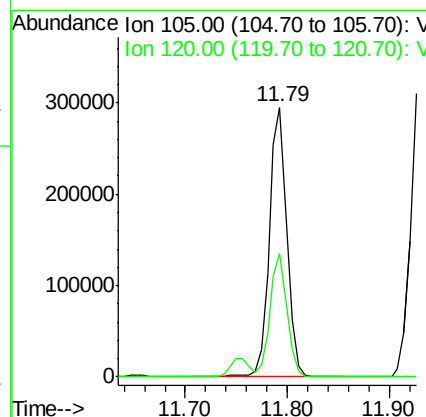
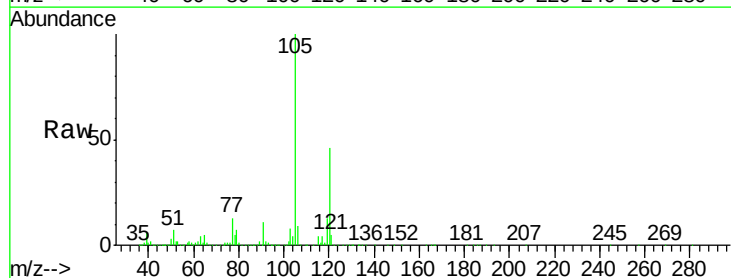
Manual Integrations
 APPROVED

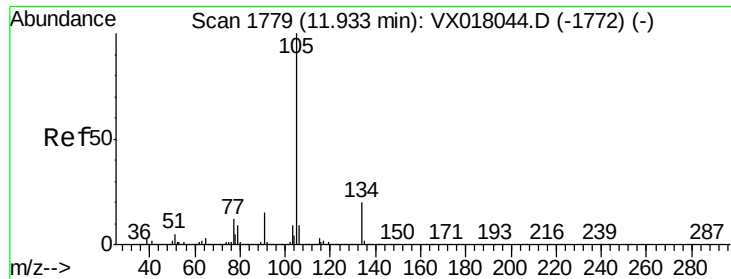
MMDadoda
 9/9/2020 8:48:17 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.320 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	352431		
120	44.1	22.3	66.9	





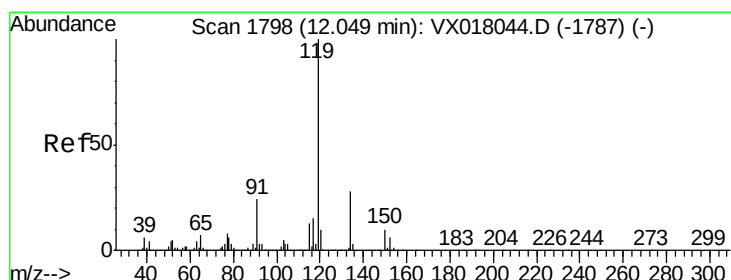
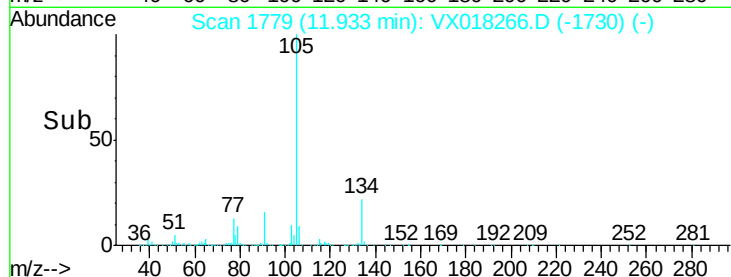
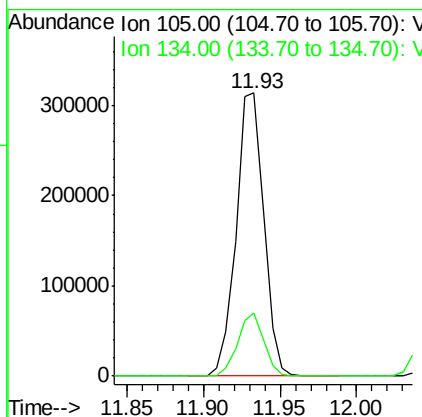
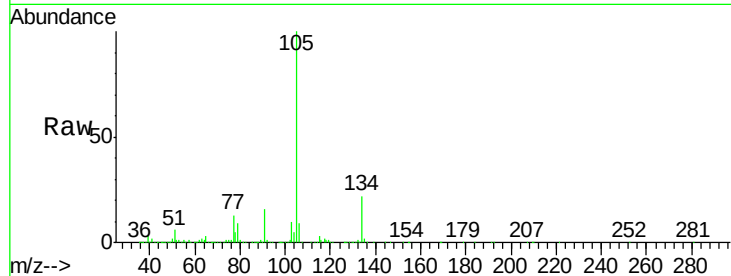
#85
 sec-Butylbenzene
 Concen: 19.632 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0908WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	393110		
134	21.1	10.1	30.3	

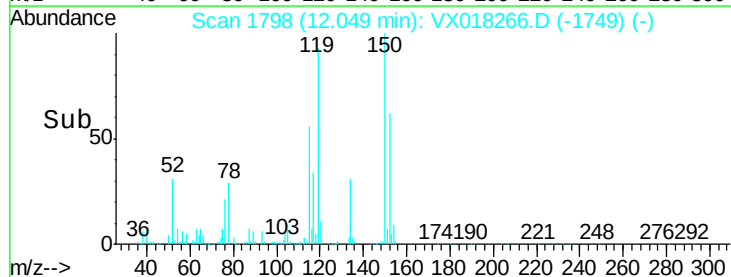
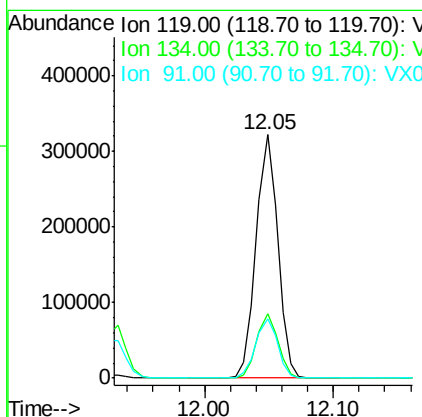
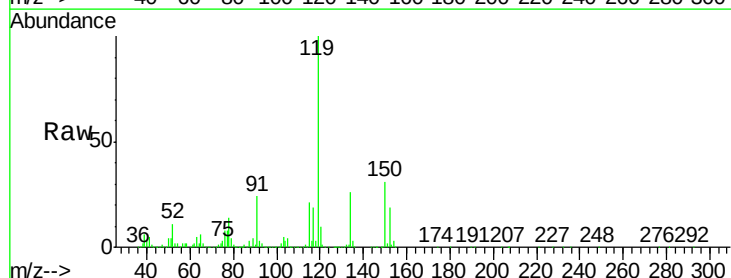
Manual Integrations
 APPROVED

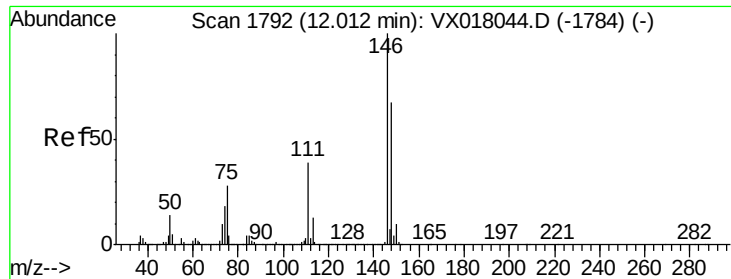
MMDadoda
 9/9/2020 8:48:17 PM



#86
 p-Isopropyltoluene
 Concen: 20.284 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	373079		
134	26.0	13.2	39.5	
91	24.6	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 19.177 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Instrument :

MSVOA_X

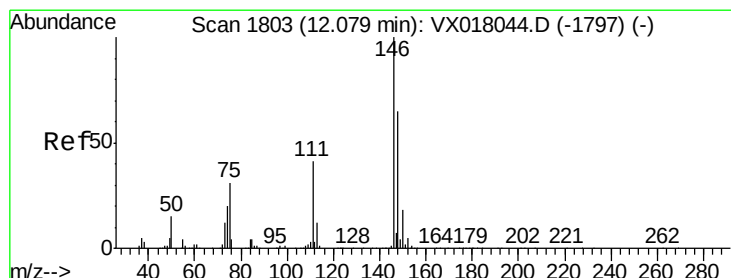
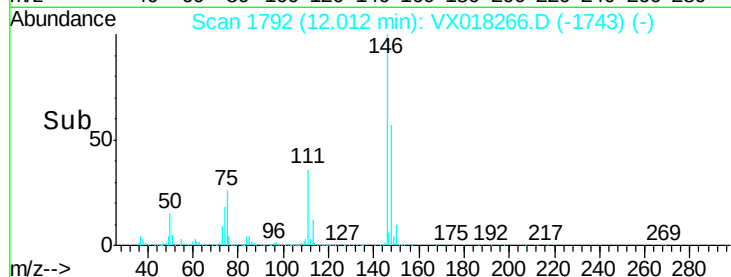
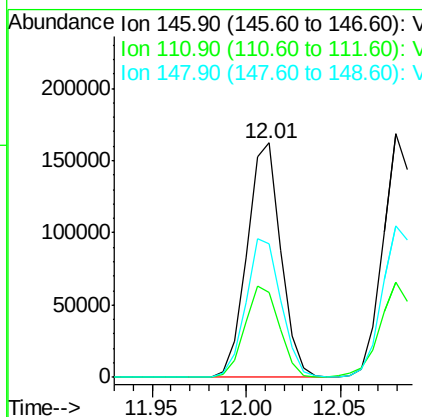
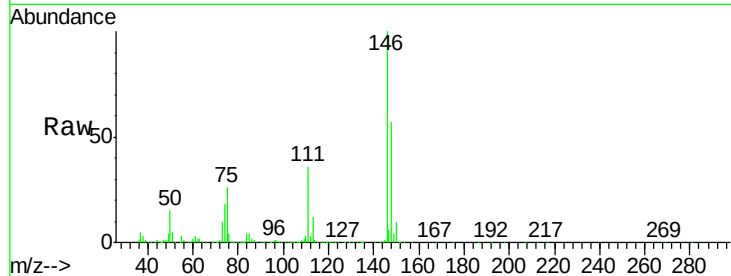
ClientSampleId :

VX0908WBSD01

Tgt Ion:	146	Resp:	202072
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.6	61.8
148	61.3	33.1	99.2

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#88

1,4-Dichlorobenzene

Concen: 19.218 ug/l

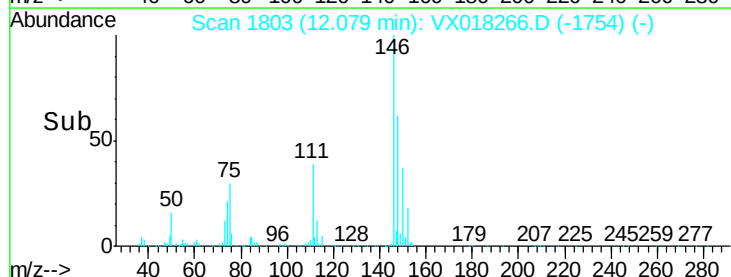
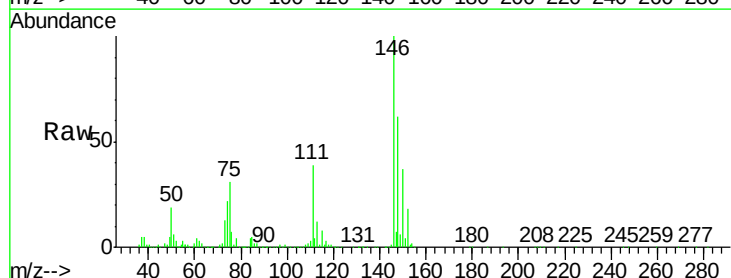
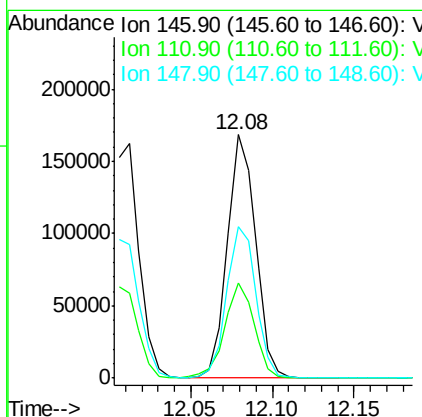
RT: 12.08 min Scan# 1803

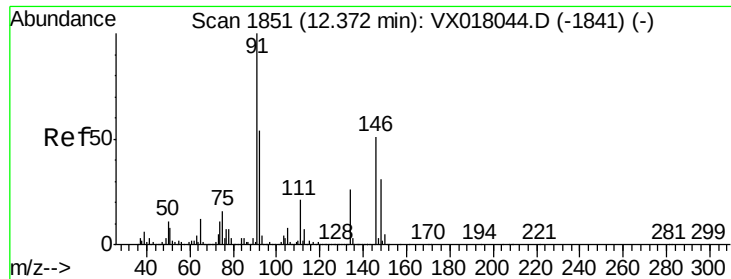
Delta R.T. -0.00 min

Lab File: VX018266.D

Acq: 08 Sep 2020 11:47

Tgt Ion:	146	Resp:	202768
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	60.8
148	64.9	33.1	99.2





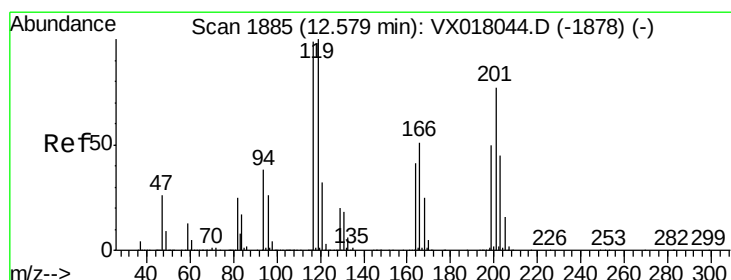
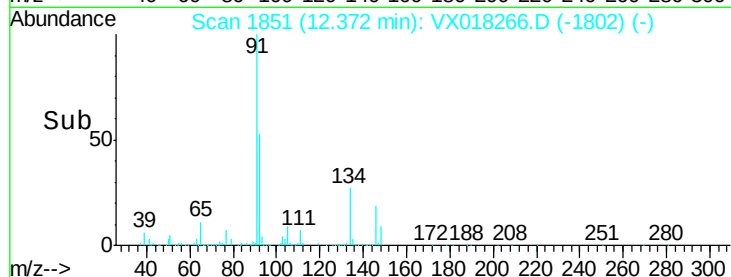
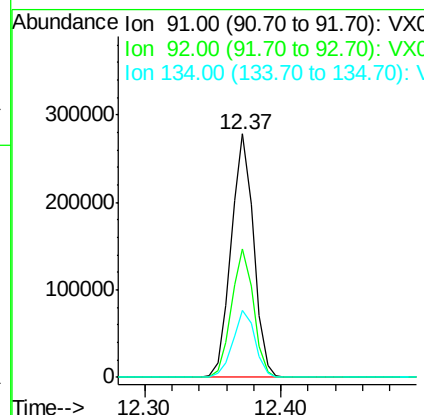
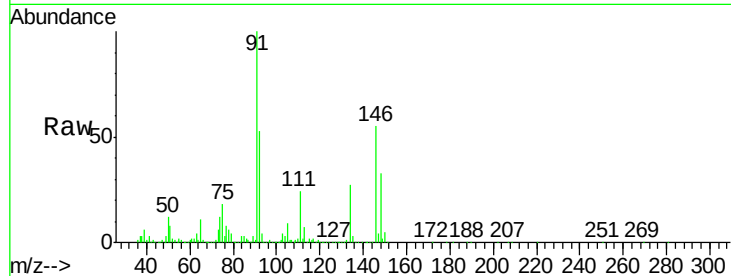
#89
n-Butylbenzene
Concen: 18.914 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.2
134	27.5	12.9	38.7

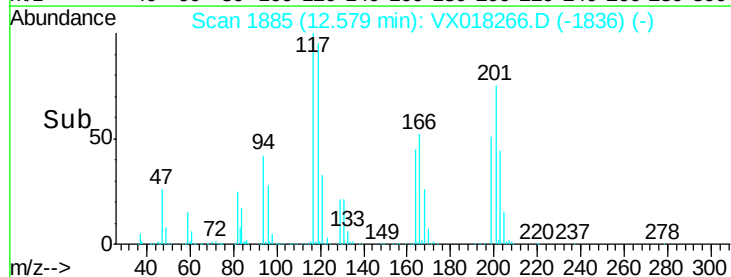
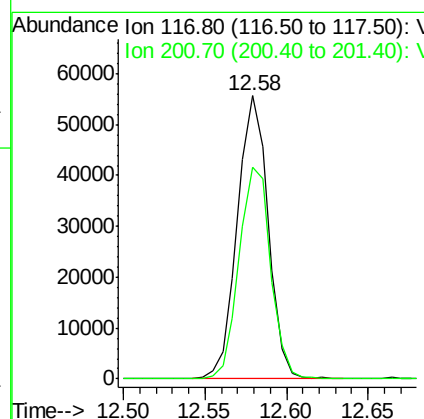
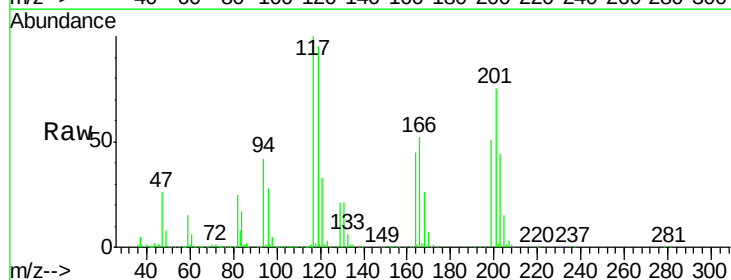
Manual Integrations
APPROVED

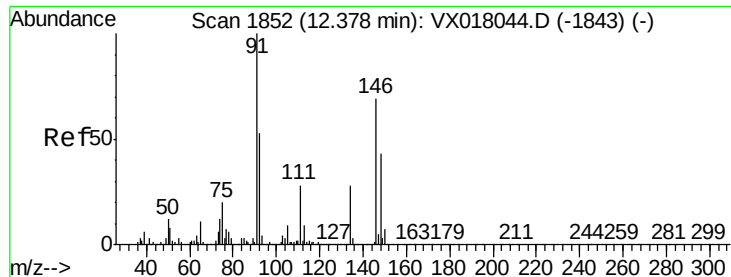
MMDadoda
9/9/2020 8:48:17 PM



#90
Hexachloroethane
Concen: 20.278 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.5	115.3





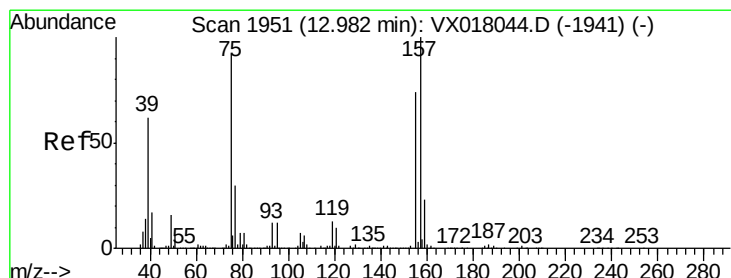
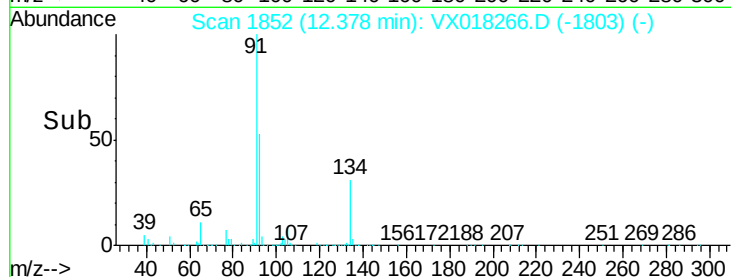
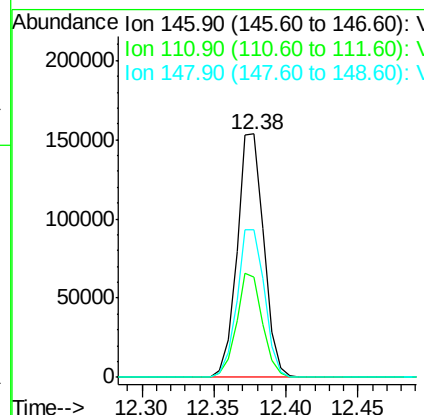
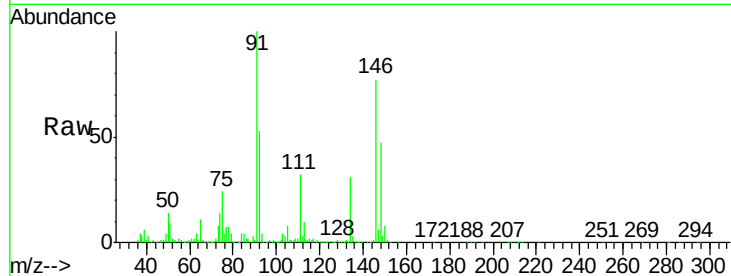
#91
 1,2-Dichlorobenzene
 Concen: 20.131 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199686		
111	41.7	20.8	62.5	
148	62.2	31.6	95.0	

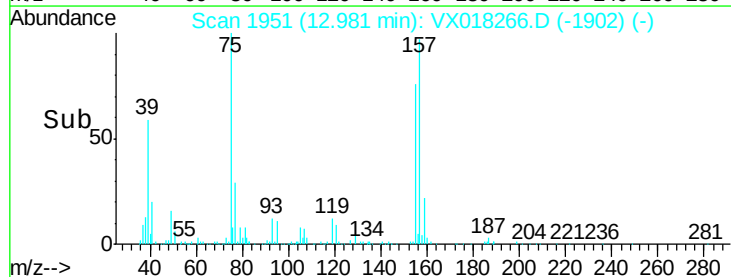
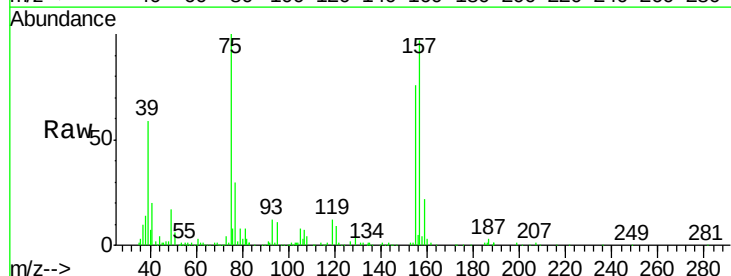
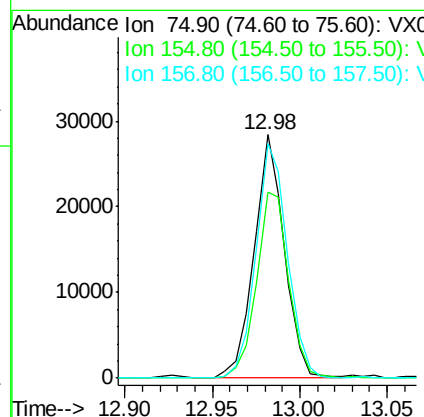
Manual Integrations
 APPROVED

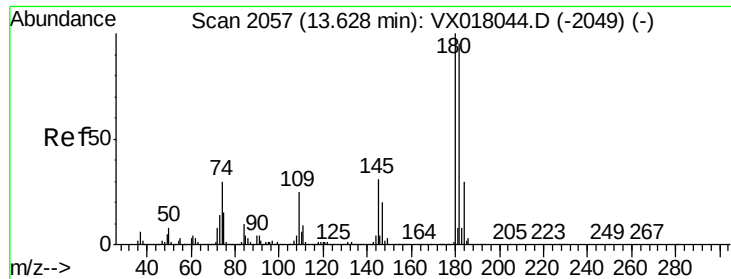
MMDadoda
 9/9/2020 8:48:17 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.758 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34010		
155	82.0	40.2	120.6	
157	100.3	55.0	165.2	





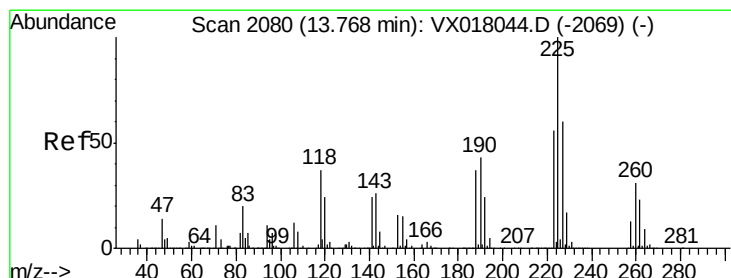
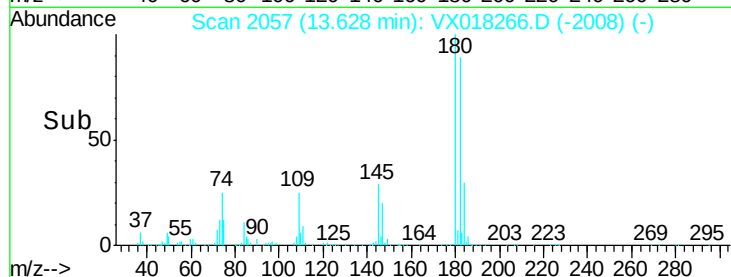
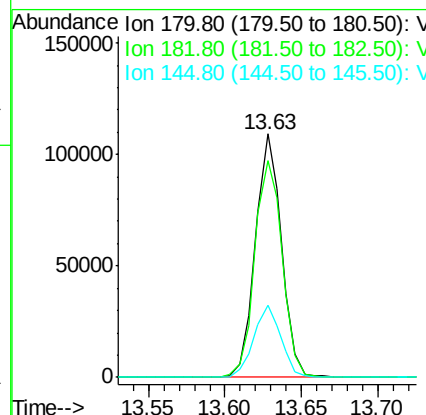
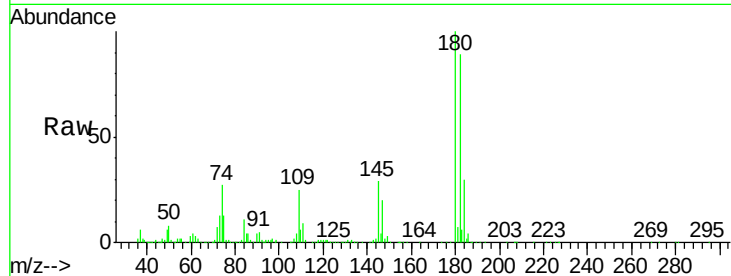
#93
 1,2,4-Trichlorobenzene
 Concen: 19.571 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129451		
182	93.7	47.5	142.6	
145	30.5	15.7	47.1	

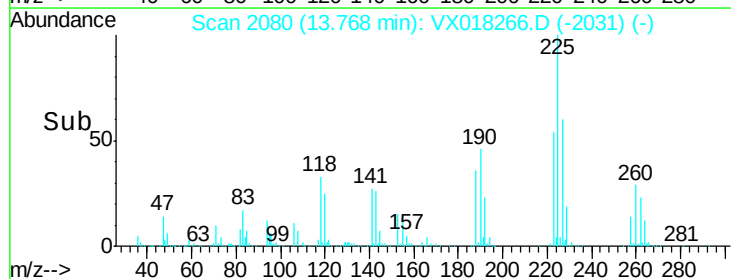
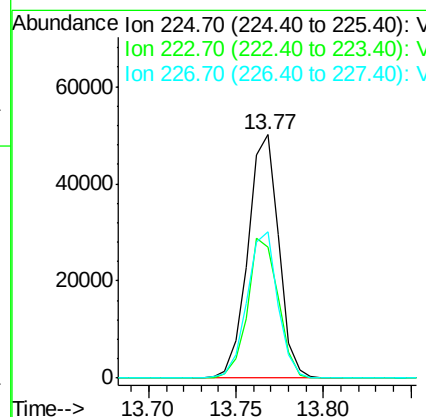
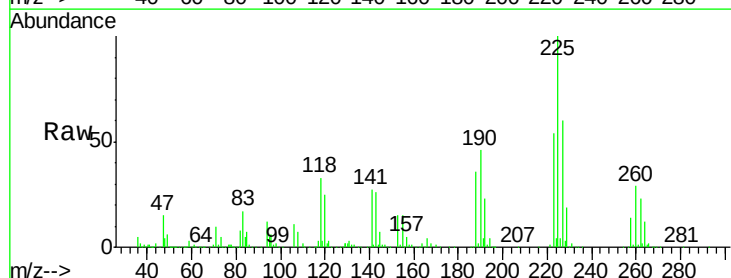
Manual Integrations
 APPROVED

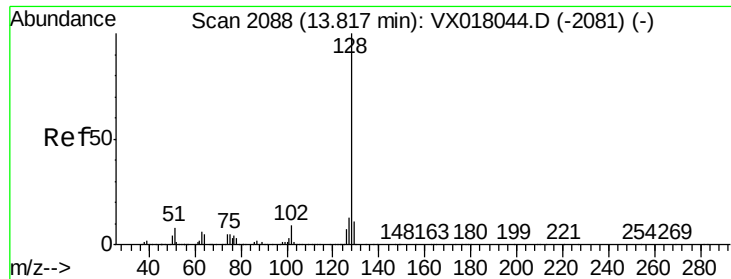
MMDadoda
 9/9/2020 8:48:17 PM



#94
 Hexachlorobutadiene
 Concen: 23.420 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018266.D
 Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61102		
223	57.4	30.7	92.1	
227	59.9	32.6	97.8	





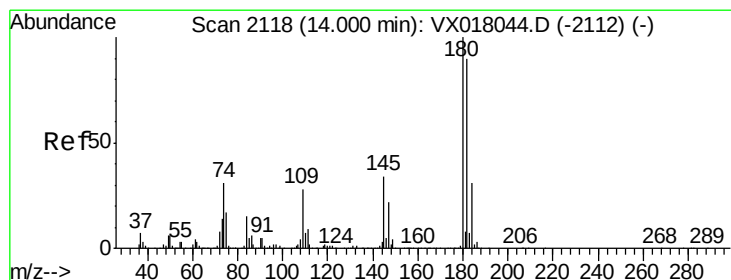
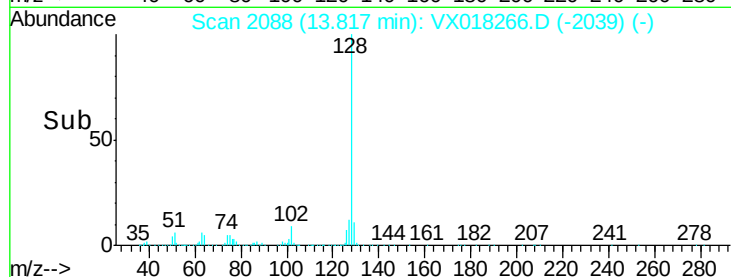
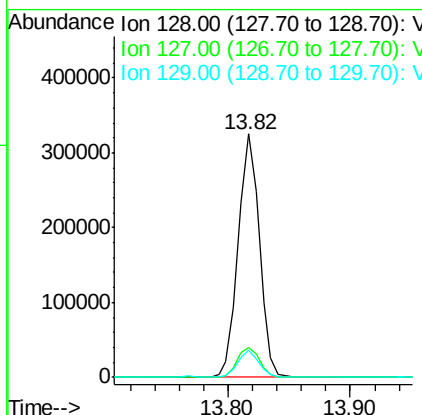
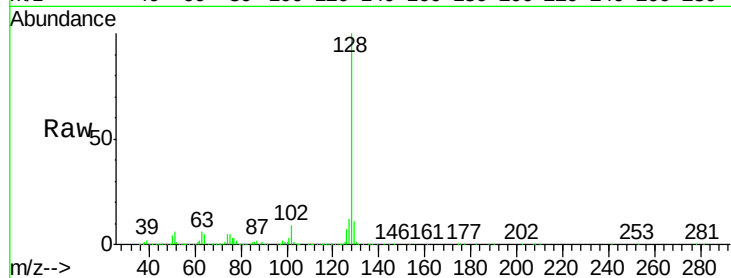
#95
Naphthalene
Concen: 17.736 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	386073		
127	13.1	10.2	15.2	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/9/2020 8:48:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.229 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018266.D
Acq: 08 Sep 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	119140		
182	104.1	47.3	142.0	
145	36.6	17.5	52.6	

