

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017999.D
 Acq On : 19 Aug 2020 22:10
 Operator : JC/SP
 Sample : VX0819WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:27 AM

Quant Time: Aug 20 05:42:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	401904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	626397	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	644100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	310515	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	5.46	113	228068	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.70	98	845512	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.12	95	346092	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108043	18.427	ug/l	98
3) Chloromethane	1.31	50	104415	18.997	ug/l	100
4) Vinyl Chloride	1.39	62	106353	20.104	ug/l	96
5) Bromomethane	1.63	94	73066	23.755	ug/l	96
6) Chloroethane	1.72	64	63092	20.932	ug/l	95
7) Trichlorofluoromethane	1.92	101	170571	20.267	ug/l	97
8) Diethyl Ether	2.17	74	49179	20.050	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72467	18.308	ug/l	99
10) Methyl Iodide	2.49	142	70648	13.841	ug/l	99
11) Tert butyl alcohol	3.01	59	102266	89.903	ug/l	100
12) 1,1-Dichloroethene	2.36	96	70129	19.359	ug/l	95
13) Acrolein	2.28	56	50301	83.711	ug/l	99
14) Allyl chloride	2.71	41	118283	18.307	ug/l	99
15) Acrylonitrile	3.12	53	229813	92.510	ug/l	99
16) Acetone	2.42	43	220467	95.118	ug/l	99
17) Carbon Disulfide	2.55	76	171186	19.476	ug/l	97
18) Methyl Acetate	2.75	43	109962	18.854	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	276210	19.943	ug/l	99
20) Methylene Chloride	2.84	84	81983	19.198	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	71097	19.091	ug/l	97
22) Diisopropyl ether	3.82	45	275786	20.362	ug/l #	85
23) Vinyl Acetate	3.79	43	975827	94.281	ug/l	98
24) 1,1-Dichloroethane	3.67	63	140407	18.701	ug/l	97
25) 2-Butanone	4.65	43	327794	93.415	ug/l	100
26) 2,2-Dichloropropane	4.55	77	108772	15.909	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	84932	19.333	ug/l	97
28) Bromochloromethane	4.98	49	79807	20.568	ug/l	98
29) Tetrahydrofuran	5.09	42	213767	98.089	ug/l	98
30) Chloroform	5.18	83	164326	20.024	ug/l	98
31) Cyclohexane	5.56	56	116962	19.211	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	140409	18.860	ug/l	98
36) 1,1-Dichloropropene	5.77	75	97180	18.535	ug/l	99
37) Ethyl Acetate	4.80	43	122161	19.474	ug/l	98
38) Carbon Tetrachloride	5.75	117	126373	18.624	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017999.D
 Acq On : 19 Aug 2020 22:10
 Operator : JC/SP
 Sample : VX0819WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0819WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:27 AM

Quant Time: Aug 20 05:42:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	116524	17.884	ug/l	98
40) Benzene	6.11	78	284853	18.039	ug/l	98
41) Methacrylonitrile	5.01	41	70360	19.569	ug/l	98
42) 1,2-Dichloroethane	6.17	62	127864	19.062	ug/l	100
43) Isopropyl Acetate	6.42	43	181260	17.899	ug/l	99
44) Trichloroethene	7.20	130	93347	19.933	ug/l	98
45) 1,2-Dichloropropane	7.49	63	81276	17.963	ug/l	96
46) Dibromomethane	7.64	93	59501	18.843	ug/l	99
47) Bromodichloromethane	7.88	83	127418	18.587	ug/l	96
48) Methyl methacrylate	7.74	41	95179	18.959	ug/l	96
49) 1,4-Dioxane	7.72	88	34871	339.289	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	664660	97.483	ug/l	99
52) Toluene	8.77	92	191184	18.505	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	139587	19.252	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	148291	19.616	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	92816	19.555	ug/l	94
56) Ethyl methacrylate	9.16	69	127490	18.998	ug/l	98
57) 1,3-Dichloropropane	9.35	76	138538	18.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	316741	97.468	ug/l	100
59) 2-Hexanone	9.48	43	471575	91.277	ug/l	99
60) Dibromochloromethane	9.57	129	109090	18.403	ug/l	98
61) 1,2-Dibromoethane	9.65	107	92612	17.616	ug/l	100
64) Tetrachloroethene	9.32	164	84518	17.182	ug/l	96
65) Chlorobenzene	10.12	112	237466	18.573	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	96144	17.777	ug/l	98
67) Ethyl Benzene	10.24	91	385008	18.267	ug/l	99
68) m/p-Xylenes	10.34	106	313056	38.581	ug/l	98
69) o-Xylene	10.68	106	135903	17.368	ug/l	99
70) Styrene	10.70	104	241381	17.881	ug/l	99
71) Bromoform	10.84	173	90719	18.689	ug/l #	97
73) Isopropylbenzene	11.00	105	417486	19.014	ug/l	99
74) N-amyl acetate	10.88	43	184329	18.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	149891	19.569	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	140891m	19.421	ug/l	
77) Bromobenzene	11.24	156	116976	19.202	ug/l	98
78) n-propylbenzene	11.34	91	479653	18.677	ug/l	100
79) 2-Chlorotoluene	11.40	91	300648	19.210	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	360254	18.692	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	49712	18.002	ug/l	98
82) 4-Chlorotoluene	11.49	91	357157	19.406	ug/l	99
83) tert-Butylbenzene	11.76	119	343410	18.867	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	366920	18.389	ug/l	97
85) sec-Butylbenzene	11.93	105	407111	18.529	ug/l	100
86) p-Isopropyltoluene	12.05	119	385890	18.880	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	211350	19.062	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	205446	18.914	ug/l	96
89) n-Butylbenzene	12.37	91	318092	18.804	ug/l	98
90) Hexachloroethane	12.58	117	77126	18.974	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	198575	19.401	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35193	18.037	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017999.D
Acq On : 19 Aug 2020 22:10
Operator : JC/SP
Sample : VX0819WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM

Quant Time: Aug 20 05:42:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	126116	18.730	ug/l	96
94) Hexachlorobutadiene	13.76	225	49468	17.215	ug/l	94
95) Naphthalene	13.82	128	391560	18.422	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	126556	18.484	ug/l	99

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

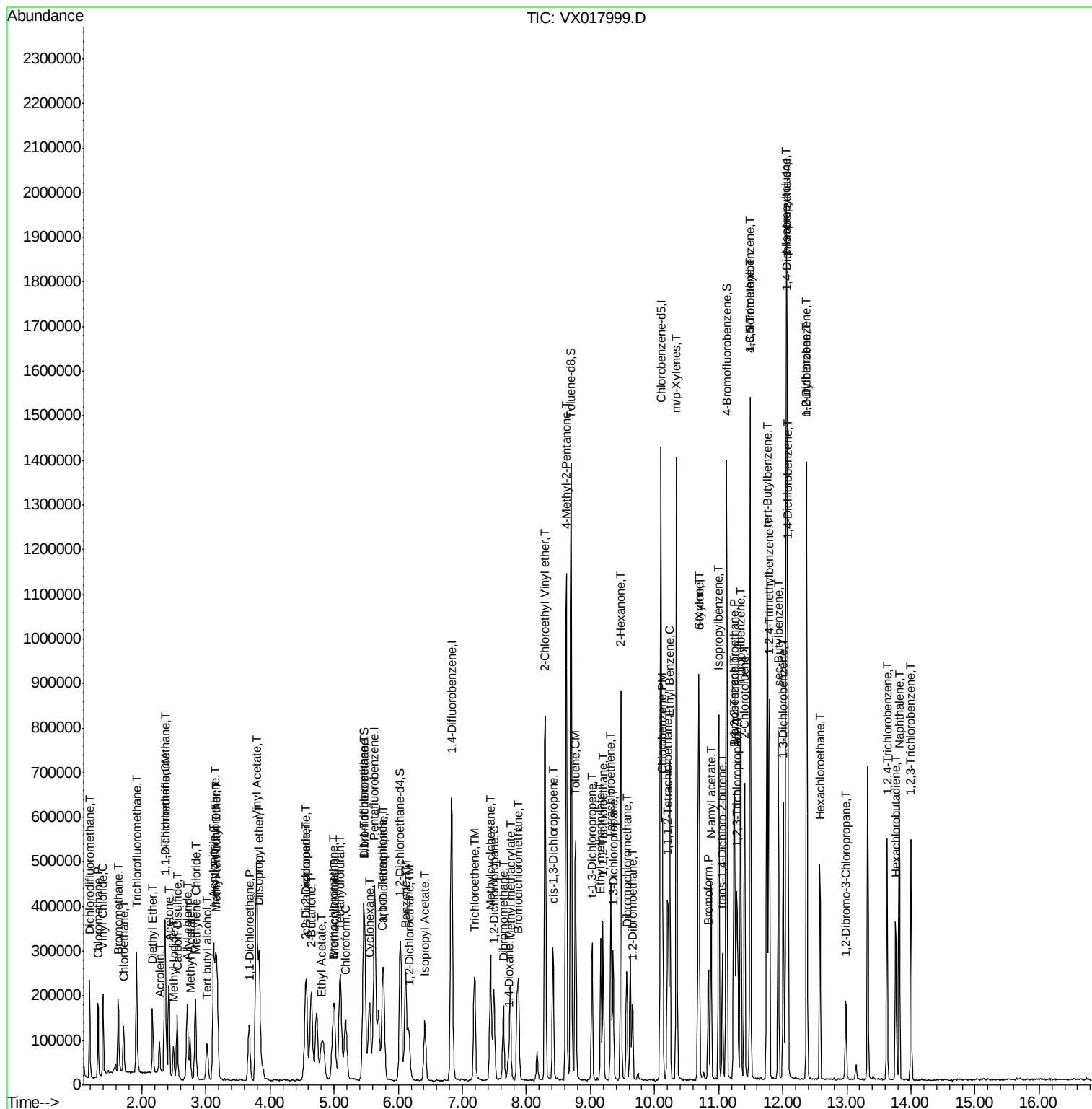
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017999.D
Acq On : 19 Aug 2020 22:10
Operator : JC/SP
Sample : VX0819WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

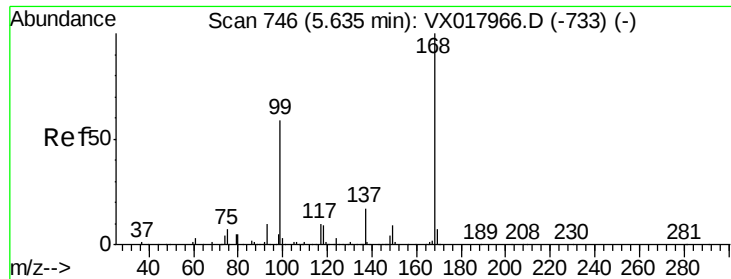
Instrument :
MSVOA_X
Client Sample Id :
VX0819WBS02

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM

Quant Time: Aug 20 05:42:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion:168 Resp: 401904

Ion Ratio Lower Upper

168 100

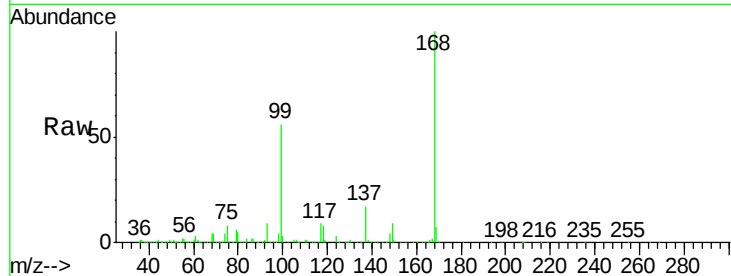
99 56.3 47.4 71.2

Manual Integrations

APPROVED

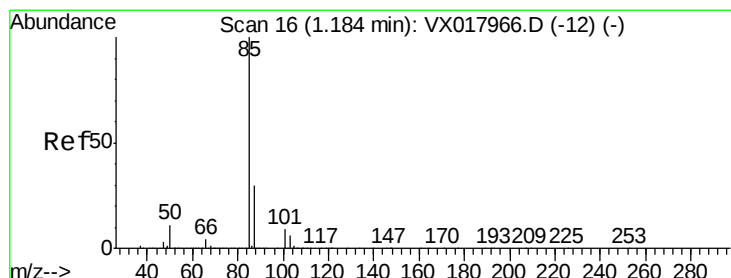
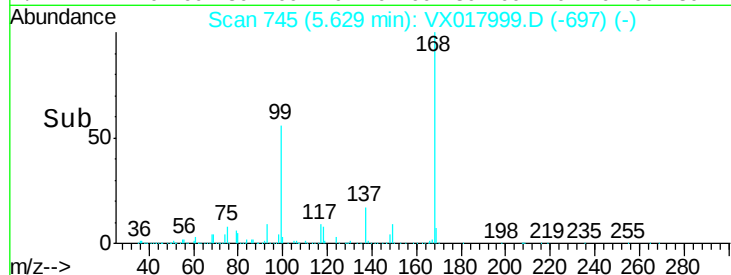
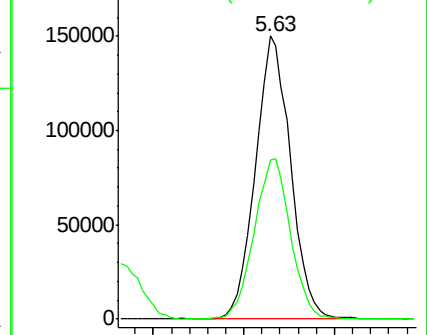
MMDadoda

8/20/2020 9:17:27 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.427 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017999.D

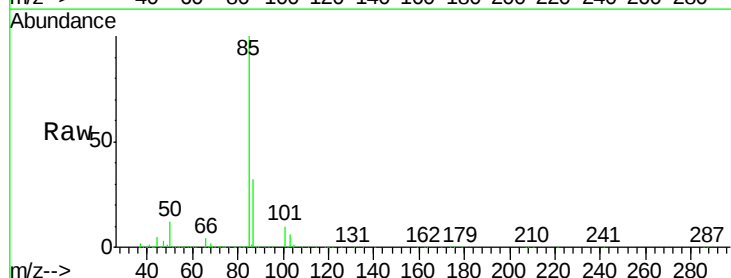
Acq: 19 Aug 2020 22:10

Tgt Ion: 85 Resp: 108043

Ion Ratio Lower Upper

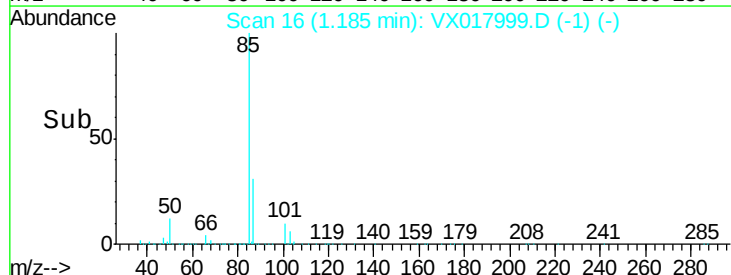
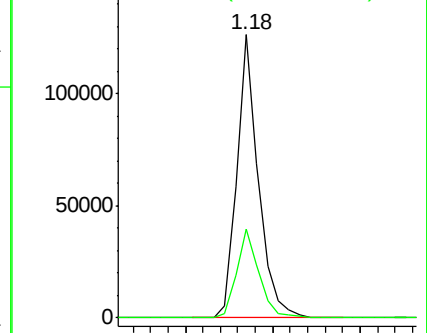
85 100

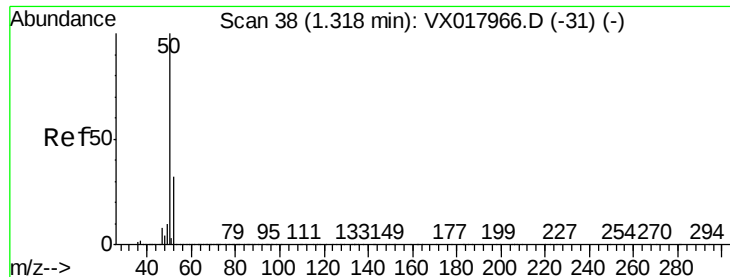
87 31.6 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.997 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 50 Resp: 104415

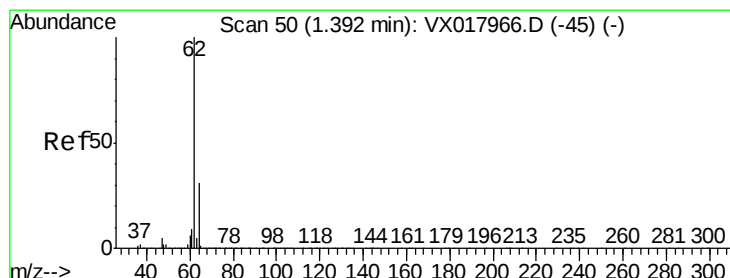
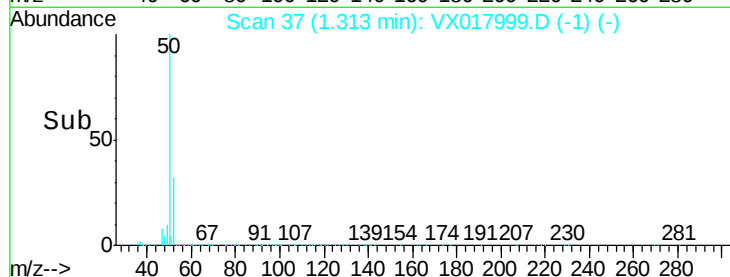
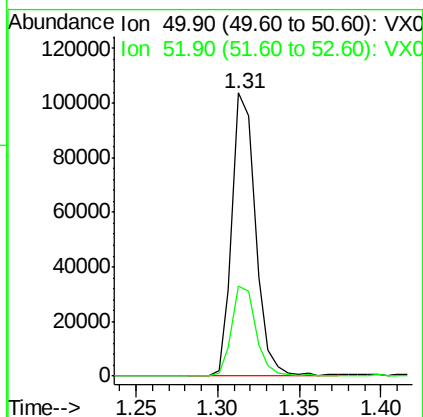
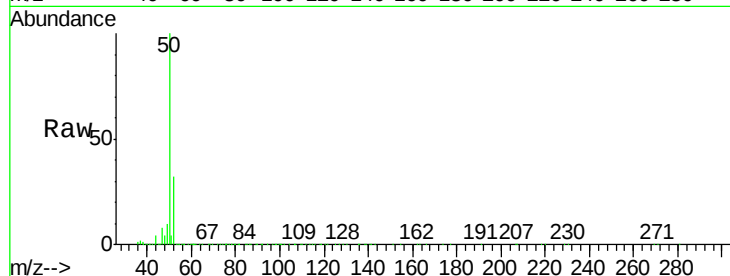
Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.0

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#4

Vinyl Chloride

Concen: 20.104 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017999.D

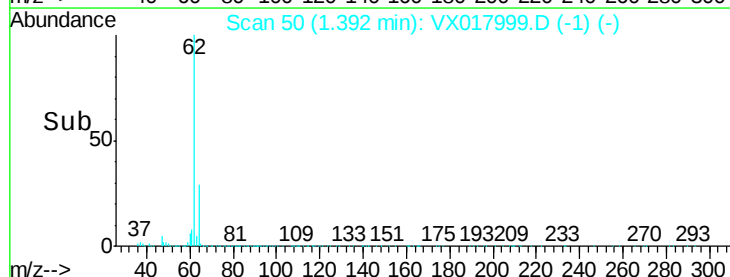
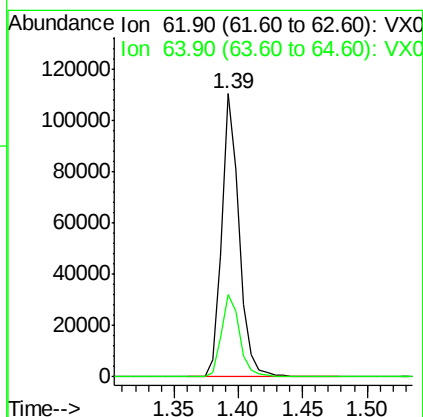
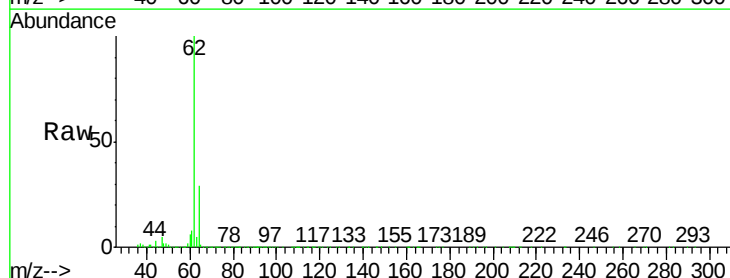
Acq: 19 Aug 2020 22:10

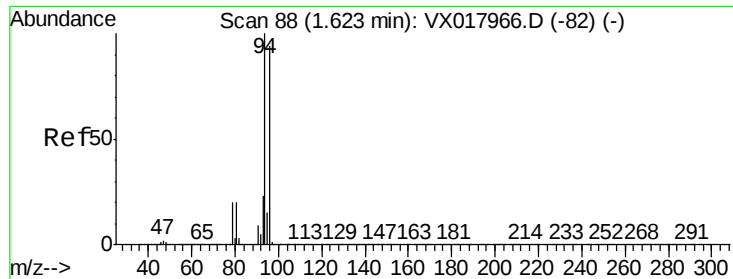
Tgt Ion: 62 Resp: 106353

Ion Ratio Lower Upper

62 100

64 28.9 24.7 37.1





#5

Bromomethane

Concen: 23.755 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 94 Resp: 73066

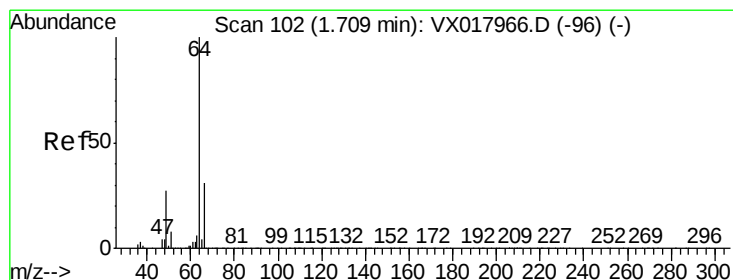
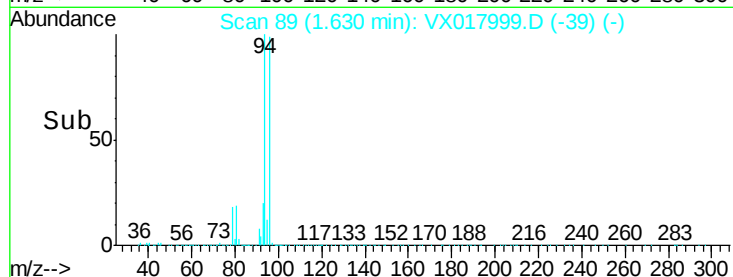
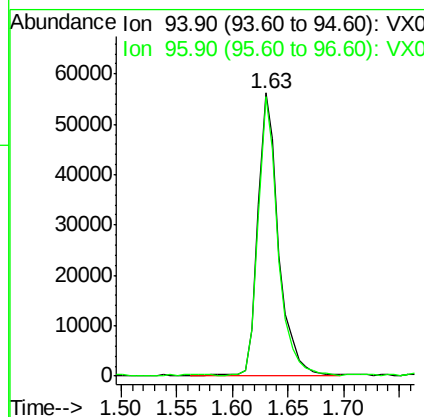
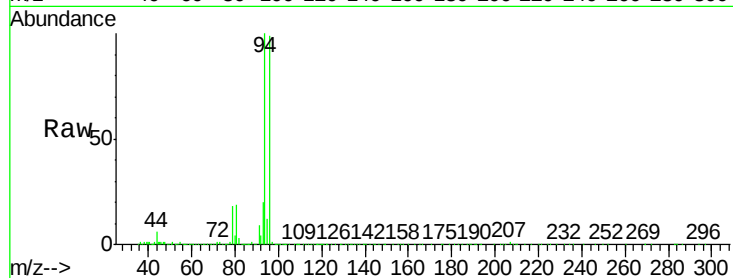
Ion Ratio Lower Upper

94 100

96 98.7 75.5 113.3

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#6

Chloroethane

Concen: 20.932 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017999.D

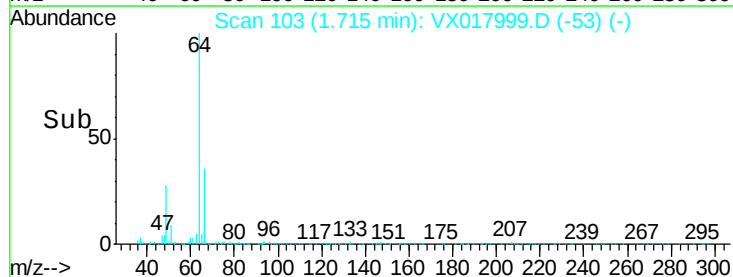
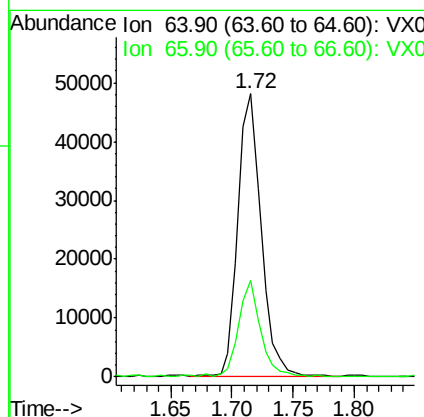
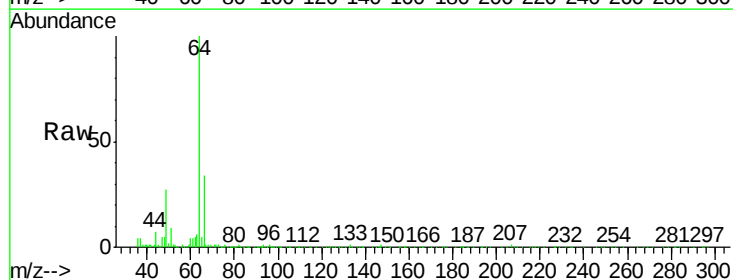
Acq: 19 Aug 2020 22:10

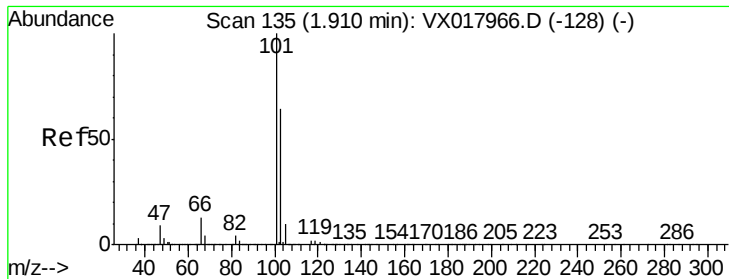
Tgt Ion: 64 Resp: 63092

Ion Ratio Lower Upper

64 100

66 34.2 25.0 37.4





#7

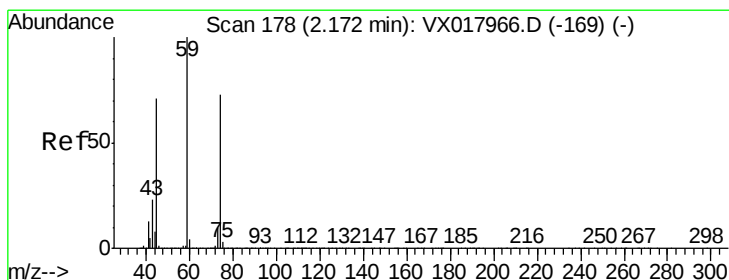
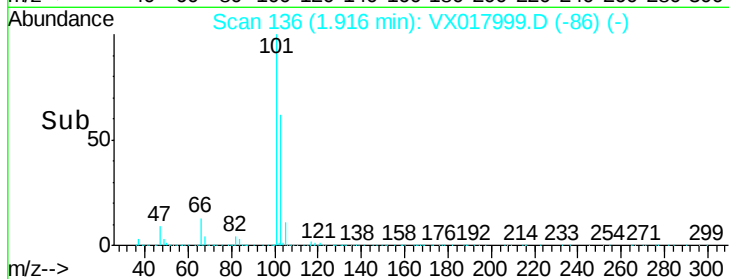
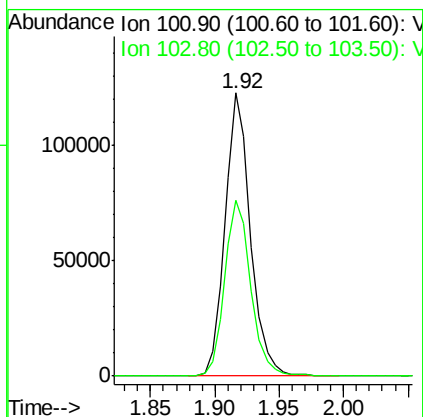
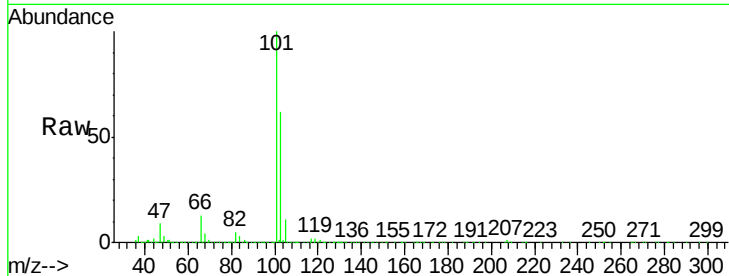
Trichlorofluoromethane
Concen: 20.267 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	170571		
103	61.8	51.2	76.8	

Manual Integrations
APPROVED

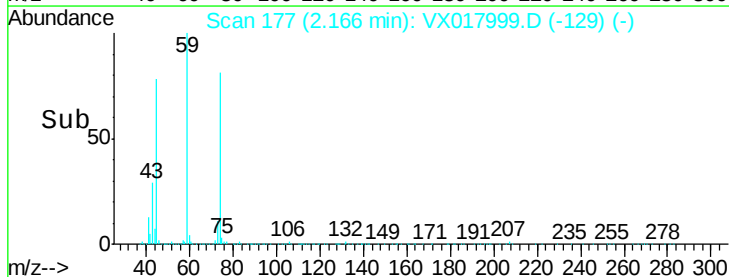
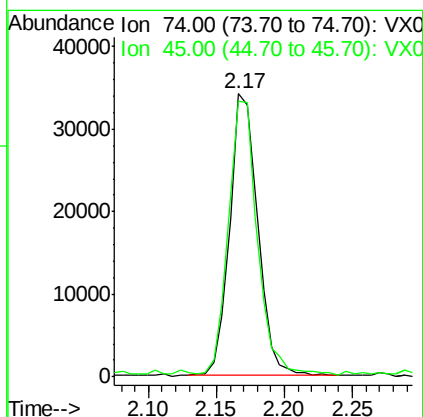
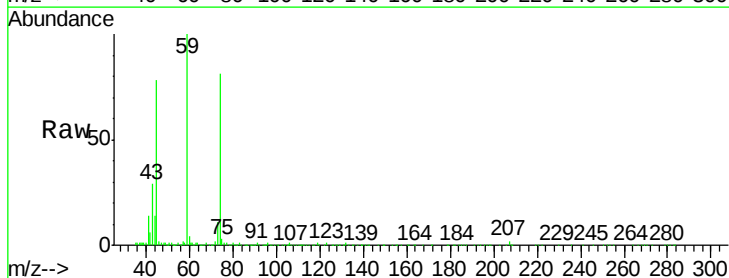
MMDadoda
8/20/2020 9:17:27 AM

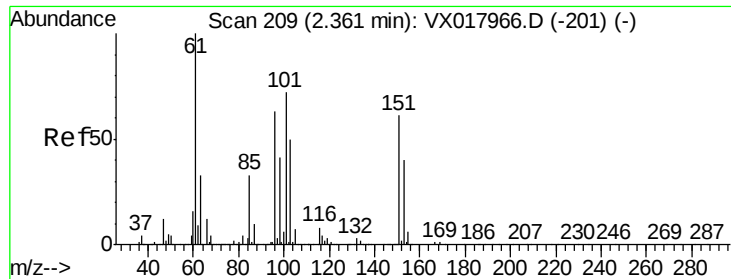


#8

Diethyl Ether
Concen: 20.050 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	49179		
45	100.4	50.5	151.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.308 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

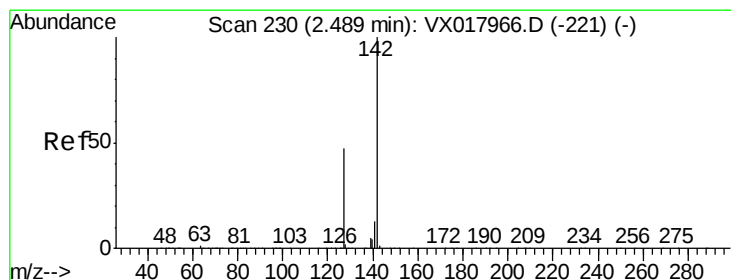
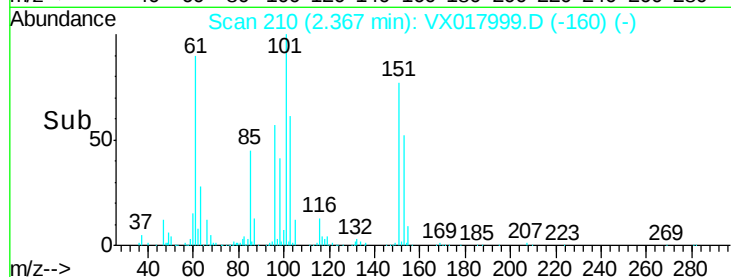
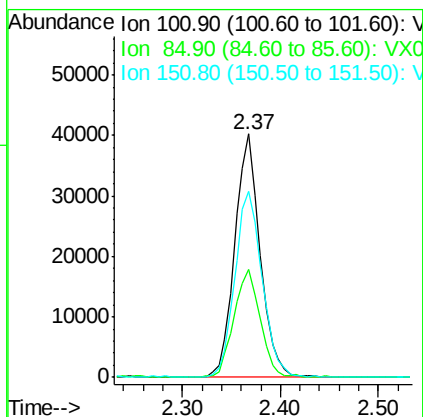
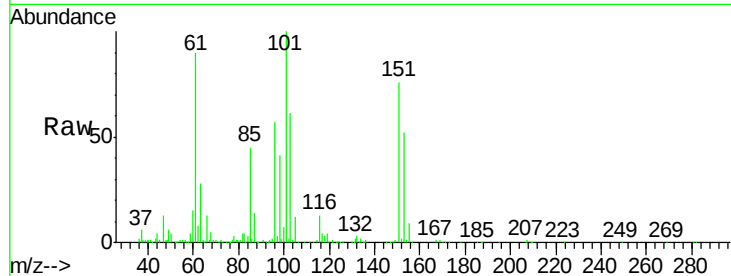
ClientSampleId :

VX0819WBS02

Tot Ion:	101	Resp:	72467
Ion Ratio	Lower	Upper	
101	100		
85	46.2	35.4	53.2
151	82.1	65.4	98.0

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#10

Methyl Iodide

Concen: 13.841 ug/l

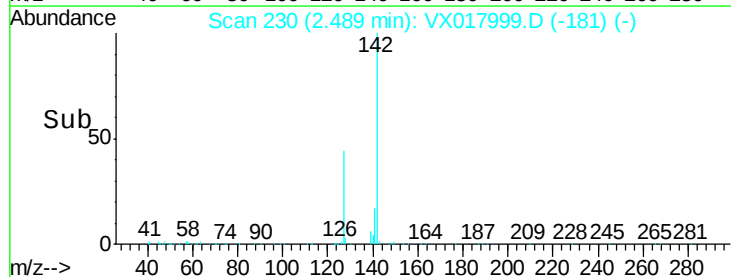
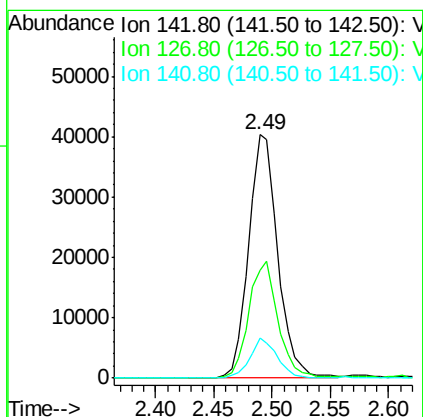
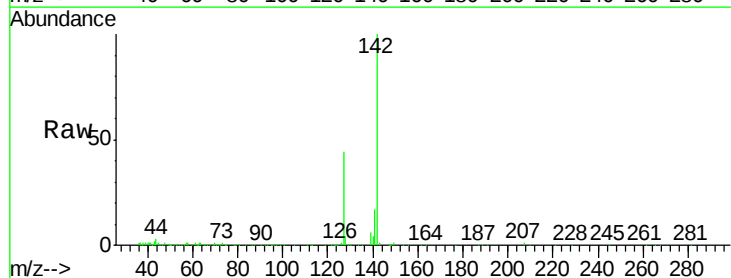
RT: 2.49 min Scan# 230

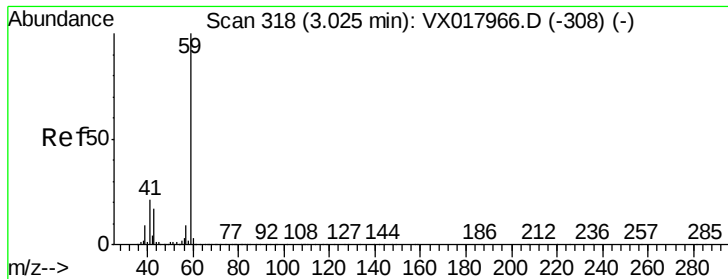
Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion:	142	Resp:	70648
Ion Ratio	Lower	Upper	
142	100		
127	48.1	38.0	57.0
141	15.1	11.2	16.8





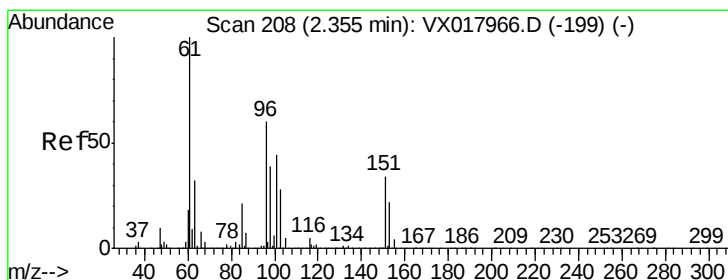
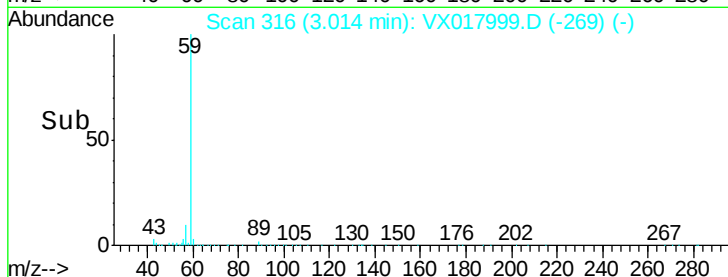
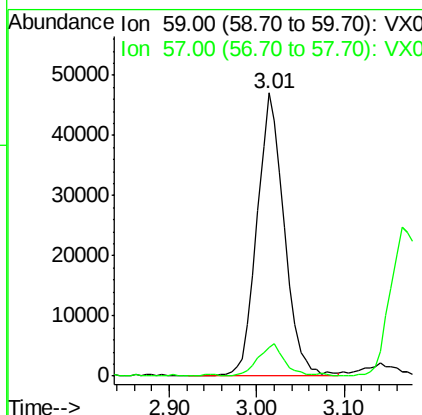
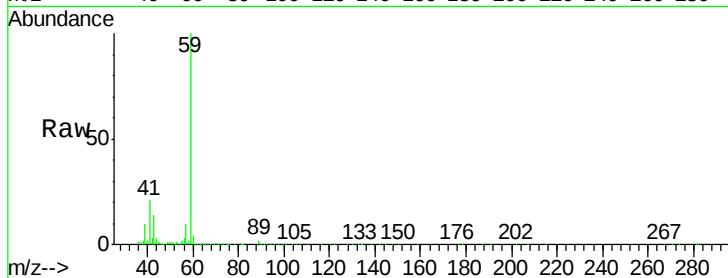
#11
Tert butyl alcohol
Concen: 89.903 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion: 59 Resp: 102266
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

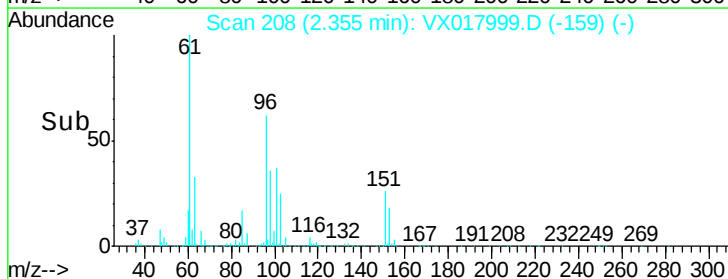
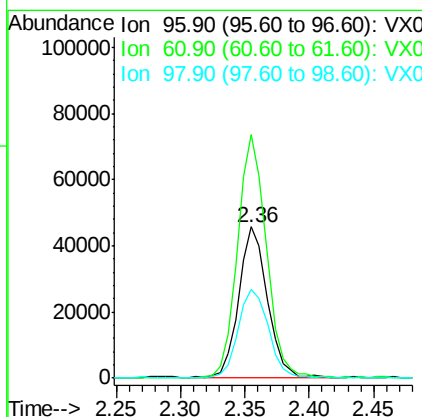
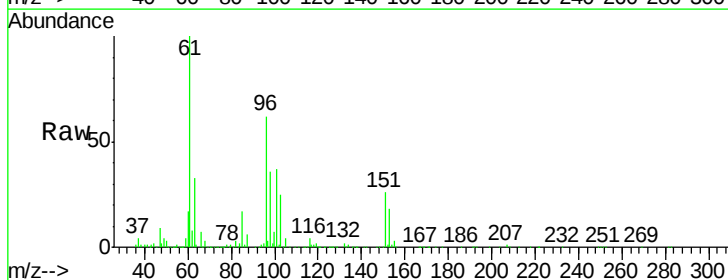
Manual Integrations
APPROVED

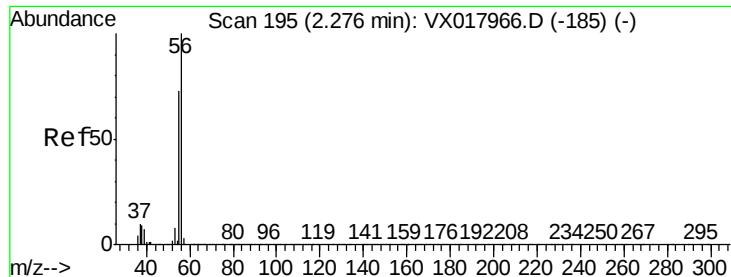
MMDadoda
8/20/2020 9:17:27 AM



#12
1,1-Dichloroethene
Concen: 19.359 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion: 96 Resp: 70129
Ion Ratio Lower Upper
96 100
61 161.3 132.9 199.3
98 58.5 51.6 77.4





#13

Acrolein

Concen: 83.711 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 56 Resp: 50301

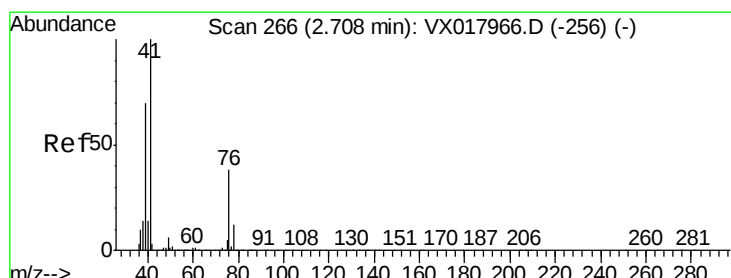
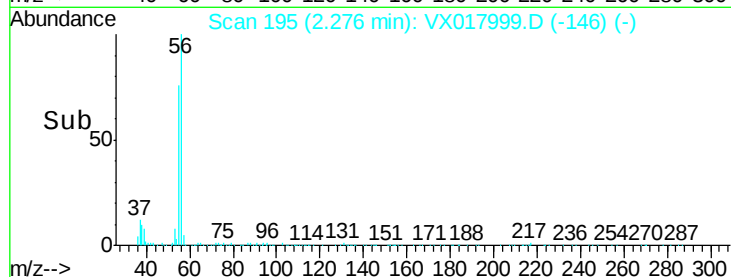
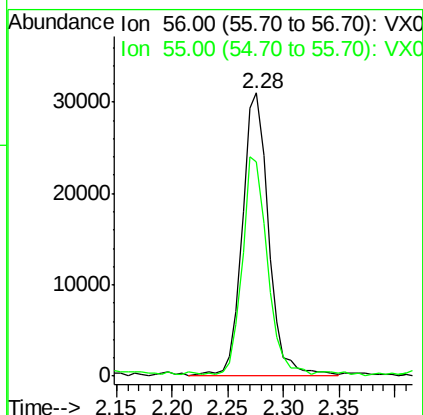
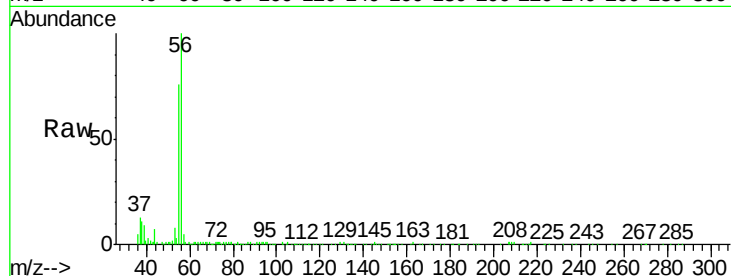
Ion Ratio Lower Upper

56 100

55 73.3 58.2 87.4

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#14

Allyl chloride

Concen: 18.307 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

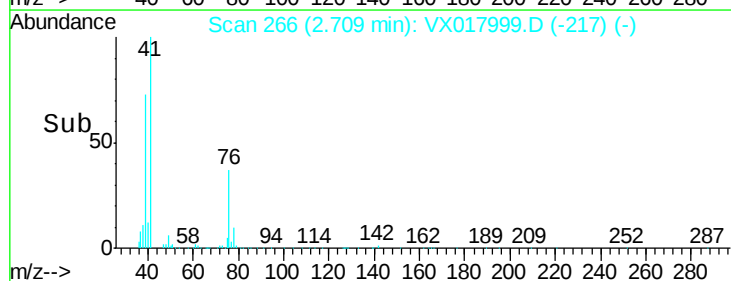
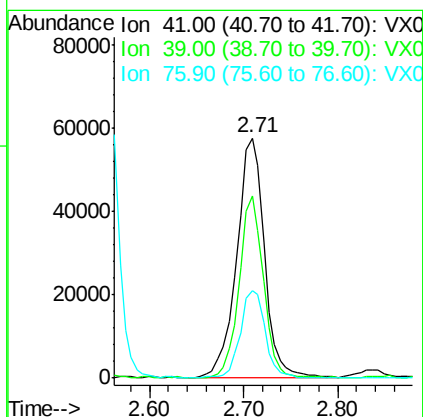
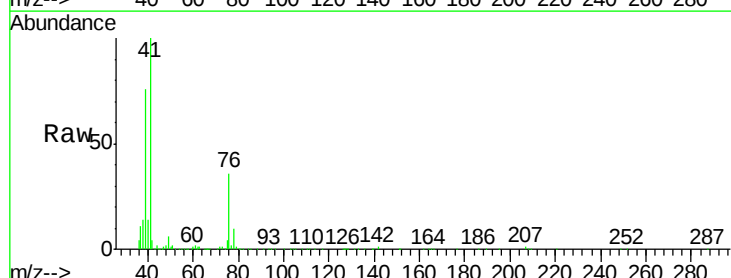
Tgt Ion: 41 Resp: 118283

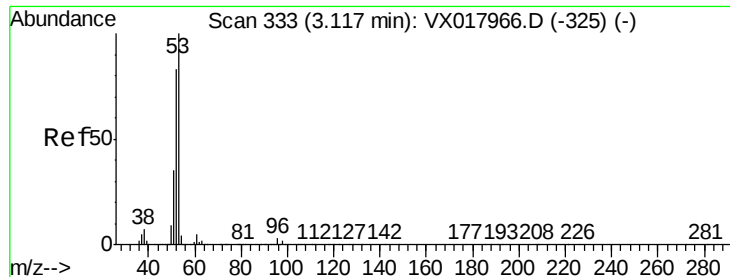
Ion Ratio Lower Upper

41 100

39 65.6 51.7 77.5

76 32.9 26.3 39.5





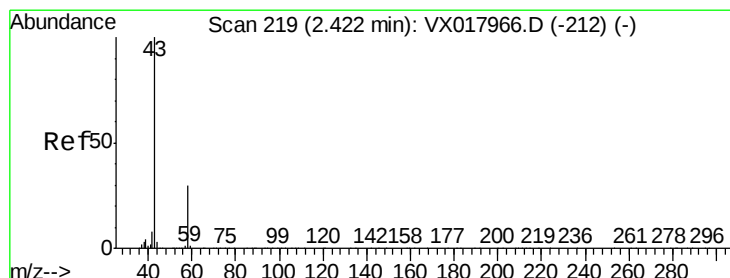
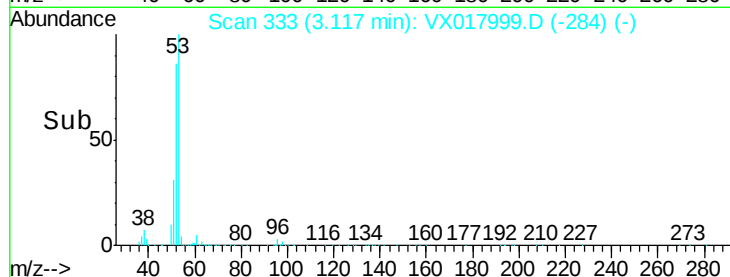
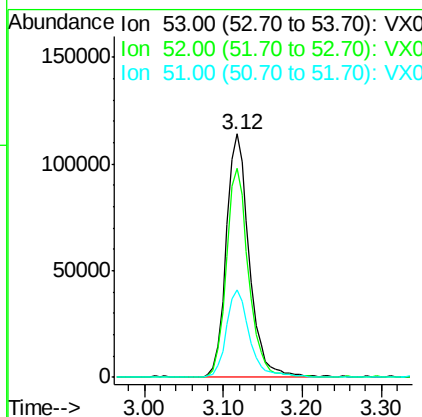
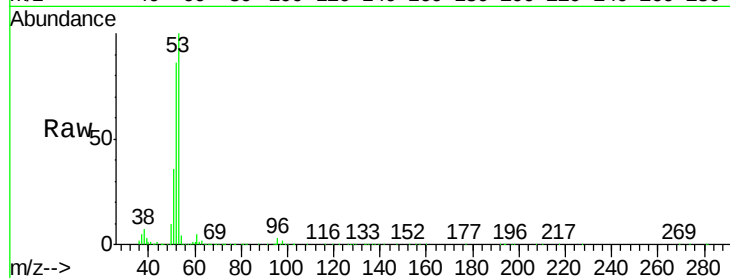
#15
 Acrylonitrile
 Concen: 92.510 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion:	53	Resp:	229813
Ion Ratio	Lower	Upper	
53	100		
52	83.2	67.1	100.7
51	36.6	29.2	43.8

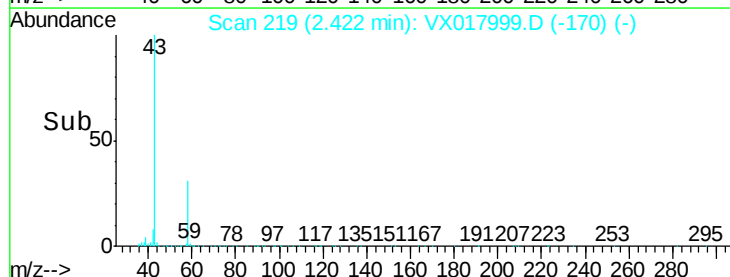
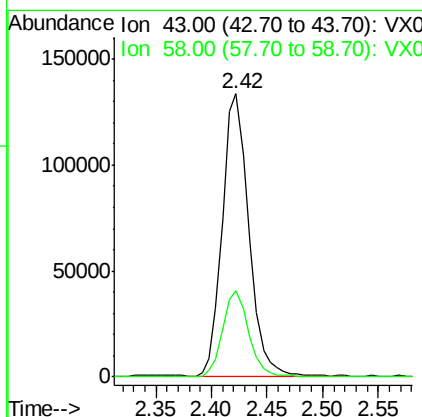
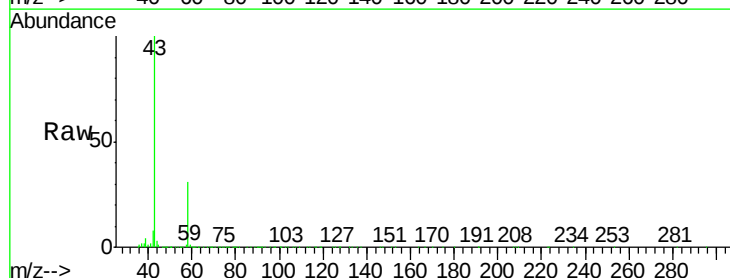
Manual Integrations
 APPROVED

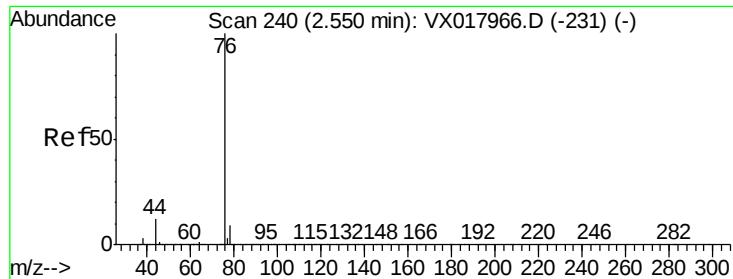
MMDadoda
 8/20/2020 9:17:27 AM



#16
 Acetone
 Concen: 95.118 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion:	43	Resp:	220467
Ion Ratio	Lower	Upper	
43	100		
58	30.6	23.8	35.8





#17

Carbon Disulfide

Concen: 19.476 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 76 Resp: 171186

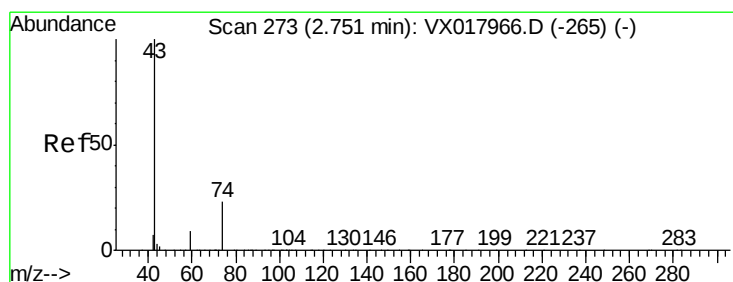
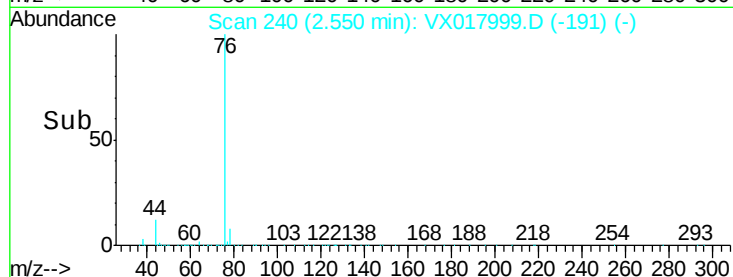
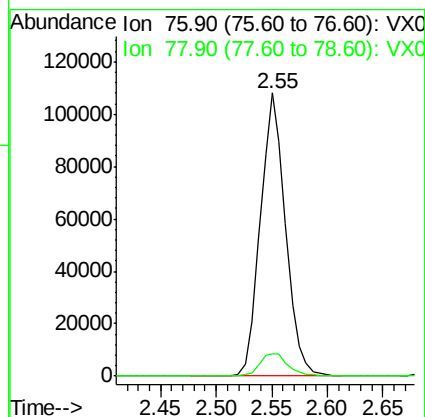
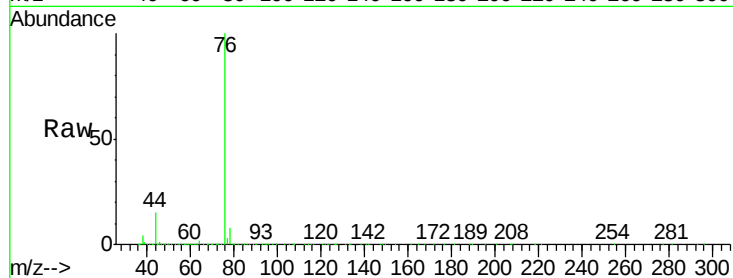
Ion Ratio Lower Upper

76 100

78 8.0 7.3 10.9

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#18

Methyl Acetate

Concen: 18.854 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017999.D

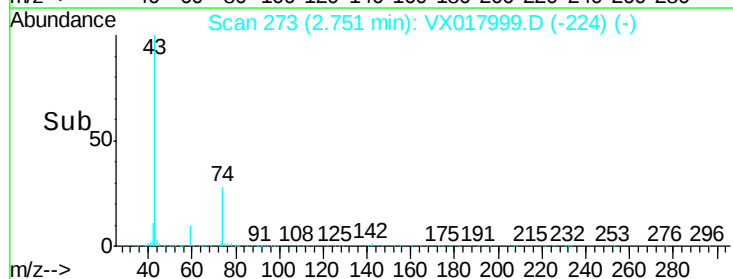
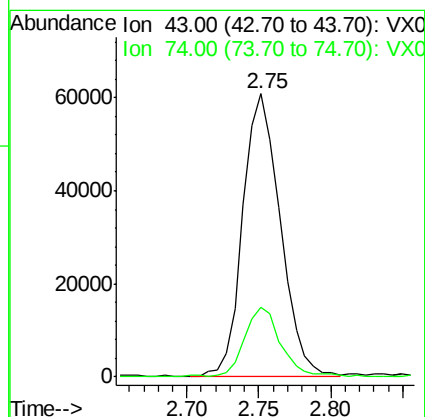
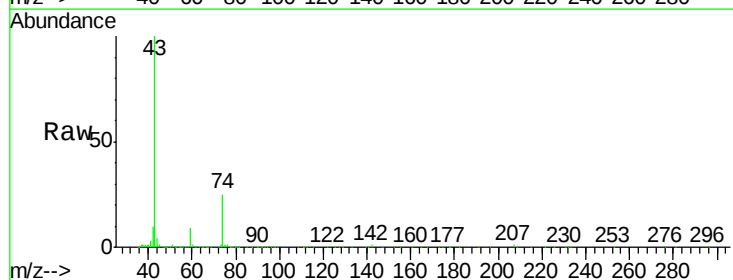
Acq: 19 Aug 2020 22:10

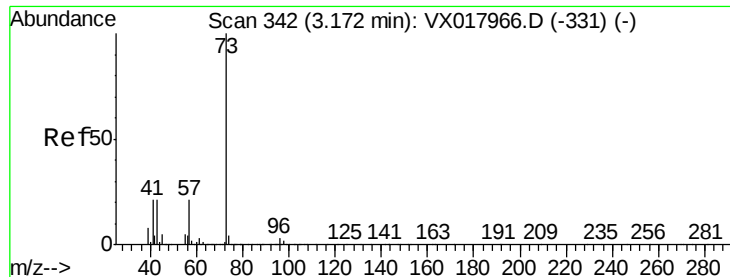
Tgt Ion: 43 Resp: 109962

Ion Ratio Lower Upper

43 100

74 24.3 19.7 29.5





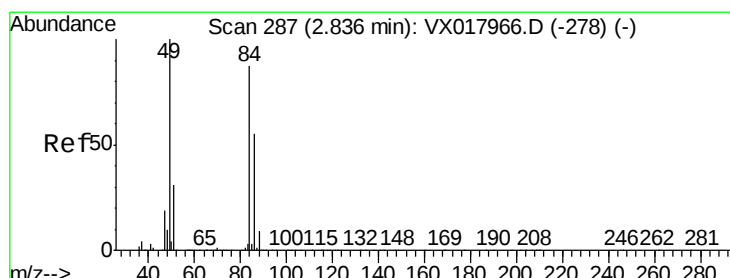
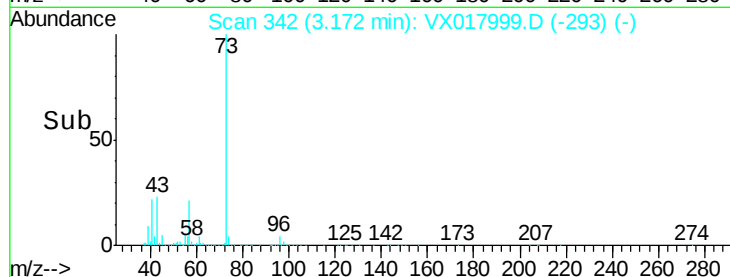
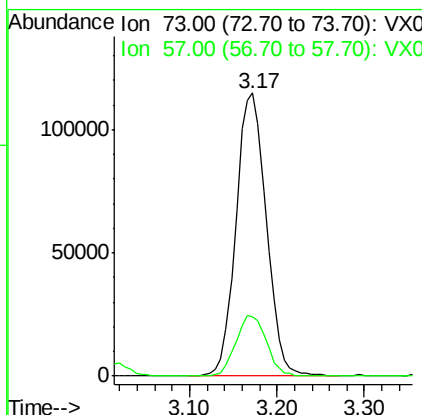
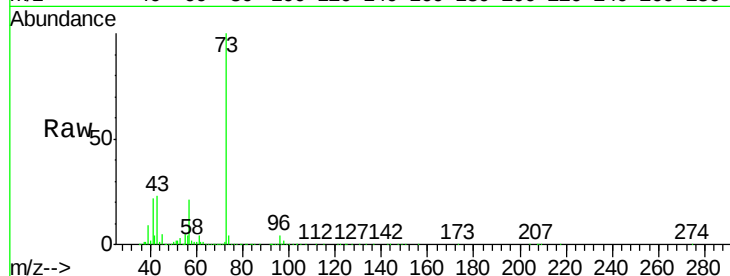
#19
Methyl tert-butyl Ether
Concen: 19.943 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.9	25.3

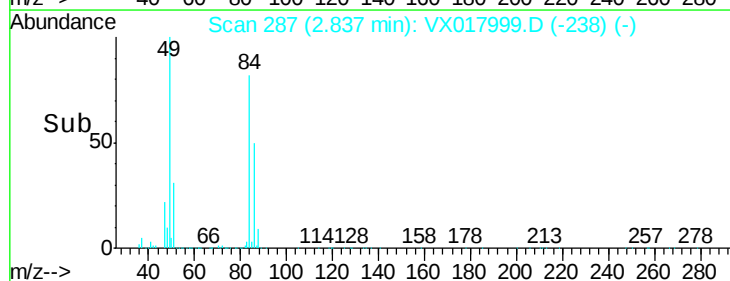
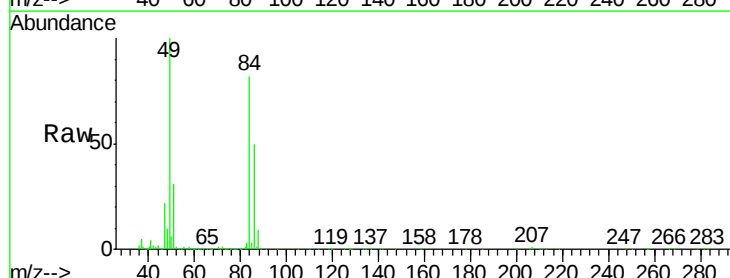
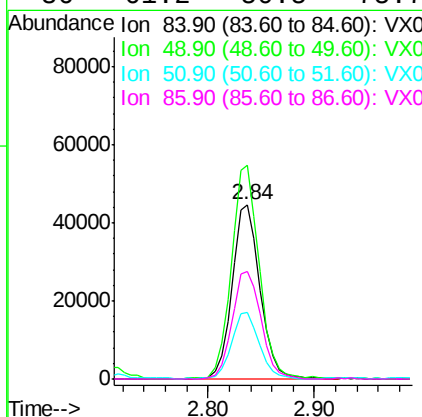
Manual Integrations
APPROVED

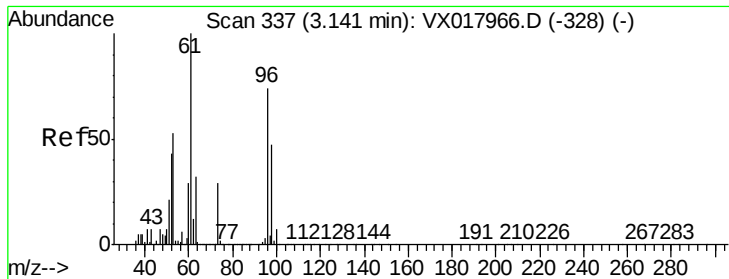
MMDadoda
8/20/2020 9:17:27 AM



#20
Methylene Chloride
Concen: 19.198 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	91.8	137.6
51	37.7	27.8	41.8
86	61.2	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 19.091 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

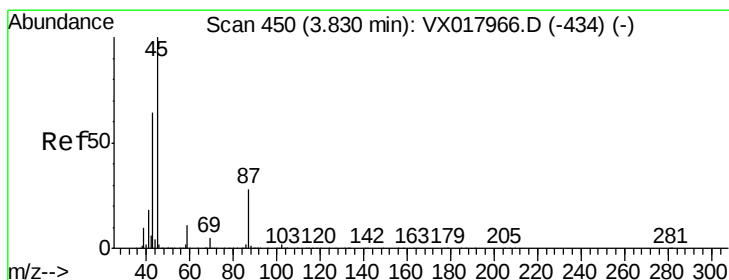
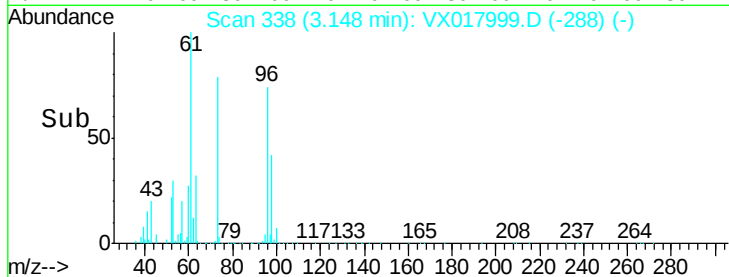
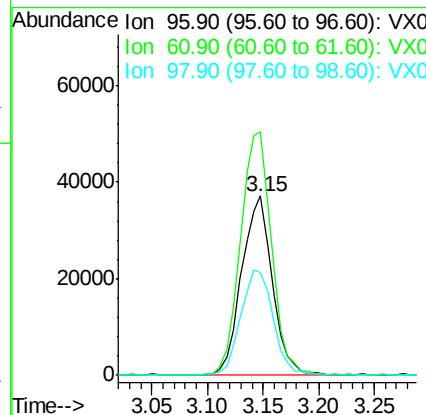
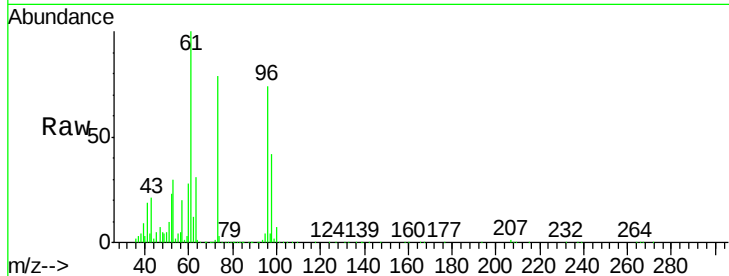
ClientSampleId :

VX0819WBS02

Tot Ion:	96	Resp:	71097
Ion	Ratio	Lower	Upper
96	100		
61	135.6	108.6	163.0
98	57.2	51.4	77.0

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#22

Diisopropyl ether

Concen: 20.362 ug/l

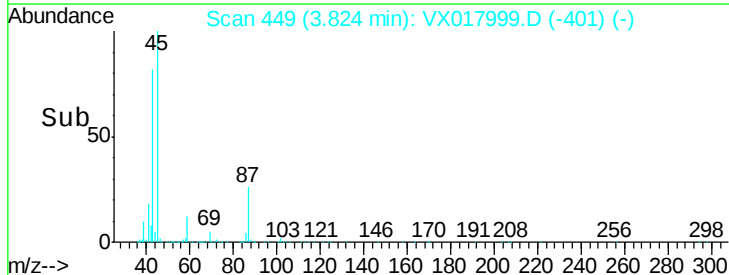
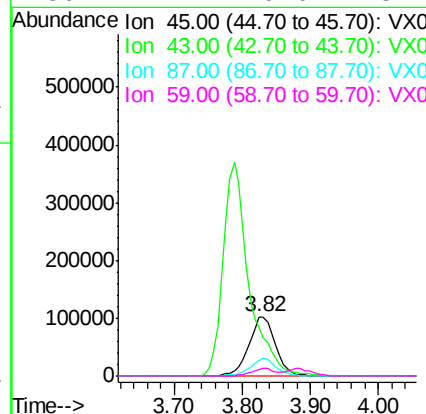
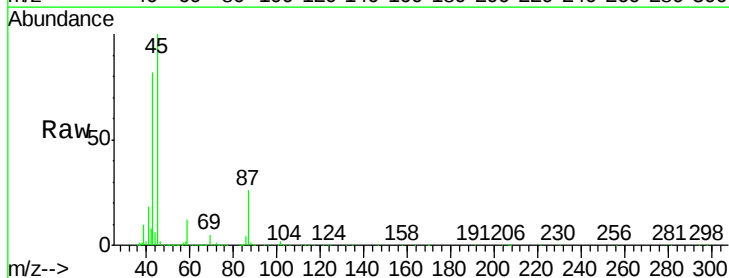
RT: 3.82 min Scan# 449

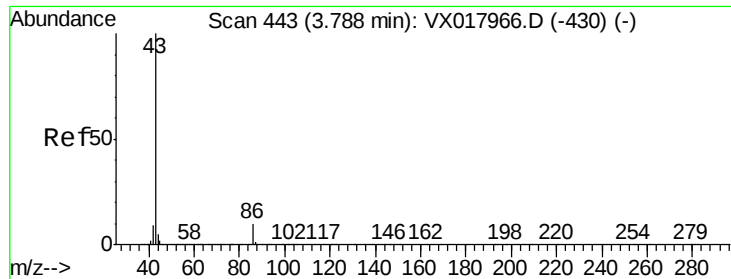
Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion:	45	Resp:	275786
Ion	Ratio	Lower	Upper
45	100		
43	81.7	51.5	77.3#
87	26.4	22.6	33.8
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 94.281 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 43 Resp: 975827

Ion Ratio Lower Upper

43 100

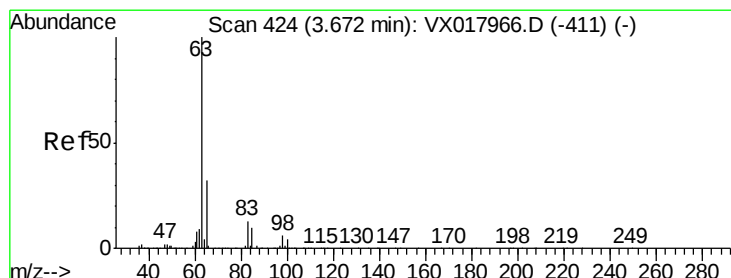
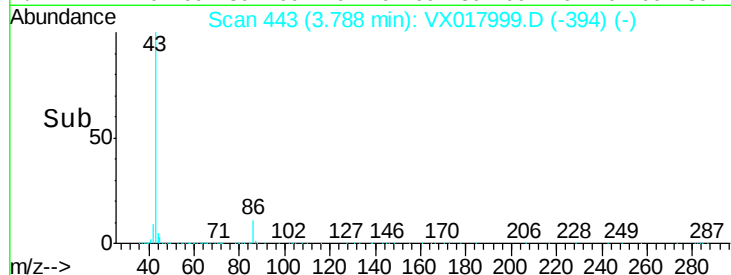
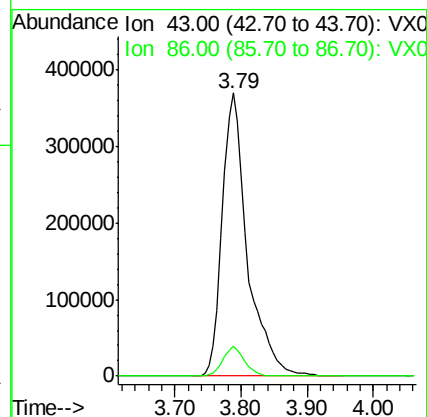
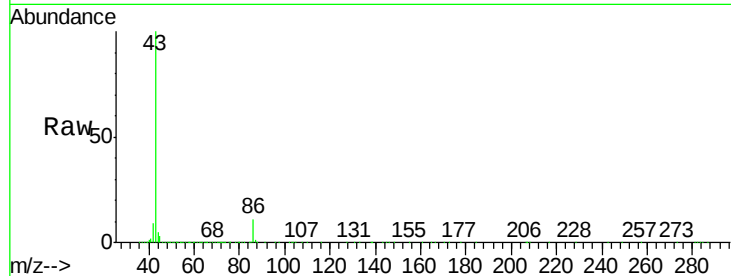
86 10.7 8.1 12.1

Manual Integrations

APPROVED

MMDadoda

8/20/2020 9:17:27 AM



#24

1,1-Dichloroethane

Concen: 18.701 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

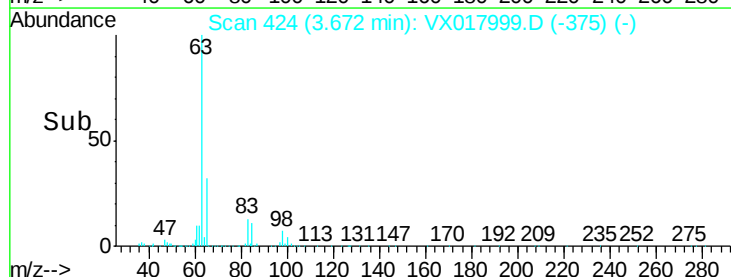
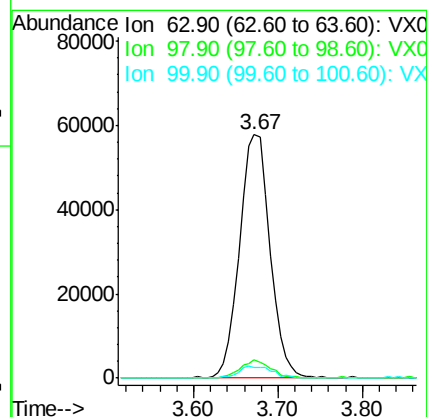
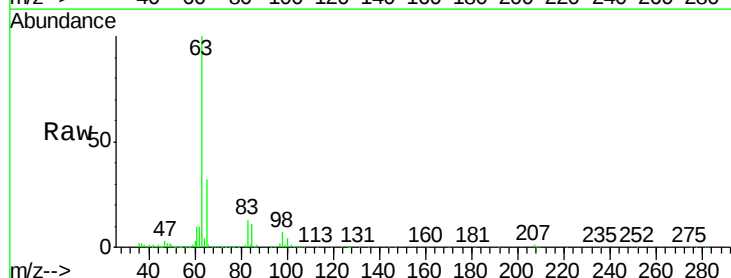
Tgt Ion: 63 Resp: 140407

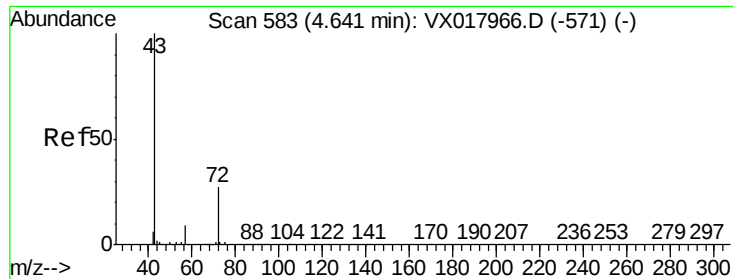
Ion Ratio Lower Upper

63 100

98 7.5 3.0 9.0

100 4.5 2.0 5.8





#25

2-Butanone

Concen: 93.415 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 43 Resp: 327794

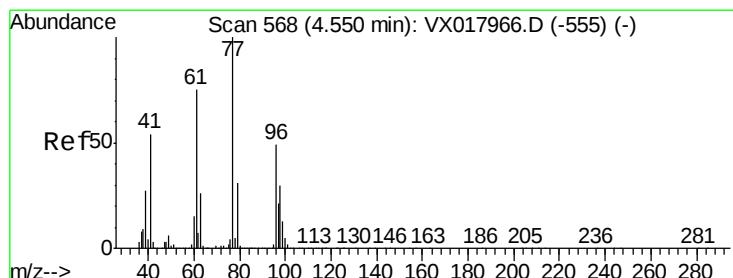
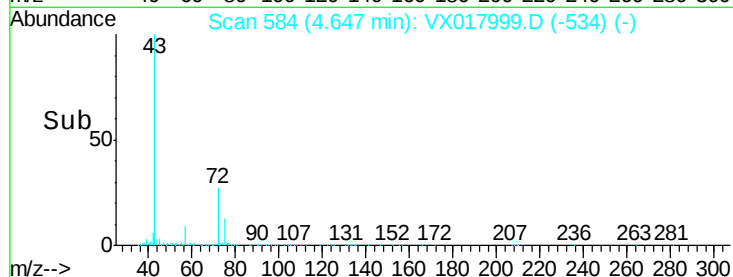
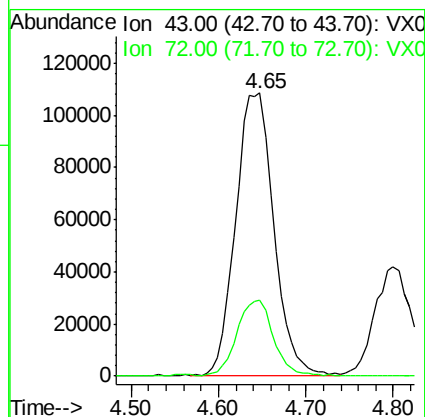
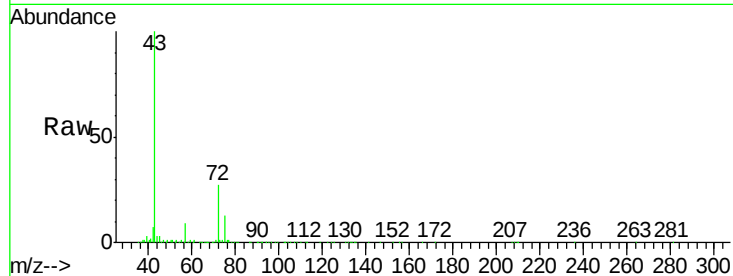
Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.2

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#26

2,2-Dichloropropane

Concen: 15.909 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017999.D

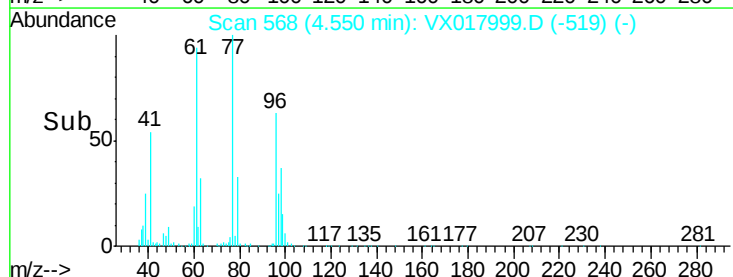
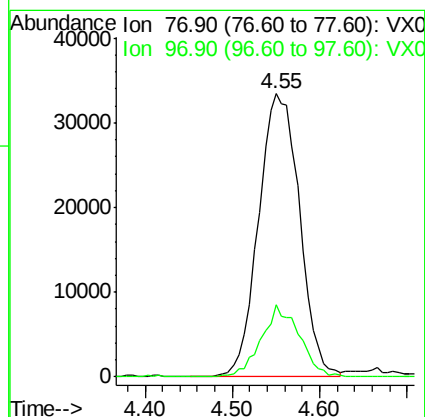
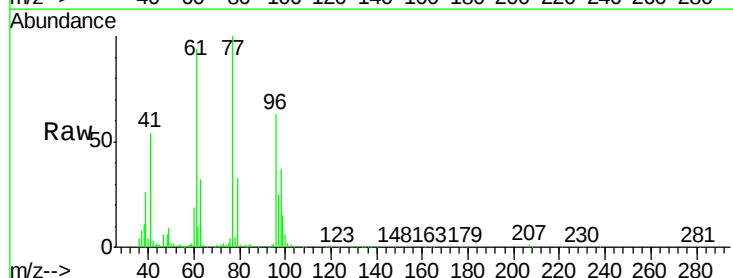
Acq: 19 Aug 2020 22:10

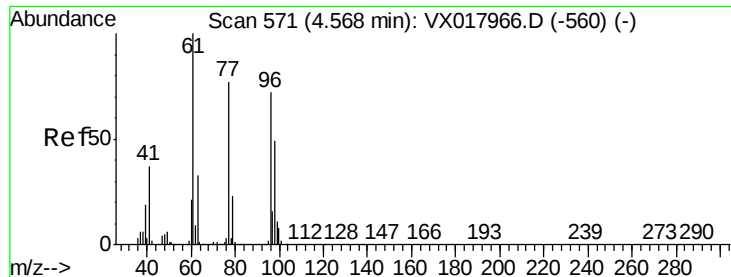
Tgt Ion: 77 Resp: 108772

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

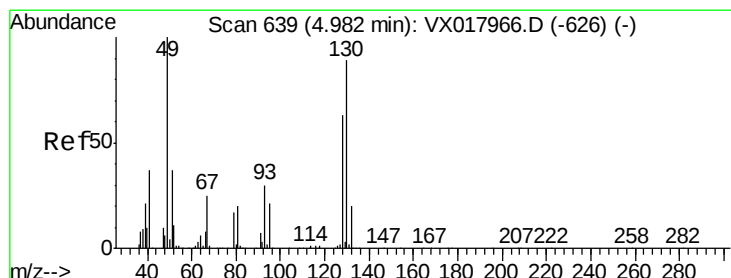
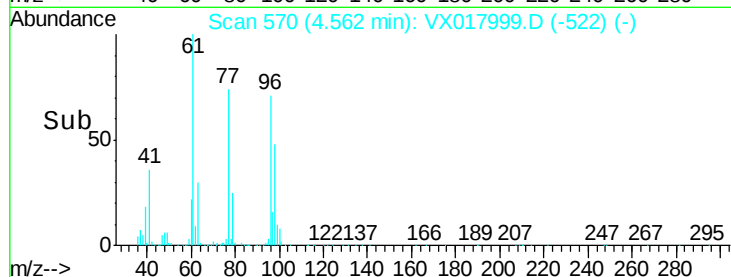
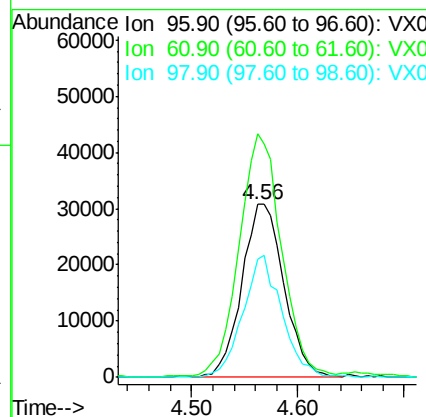
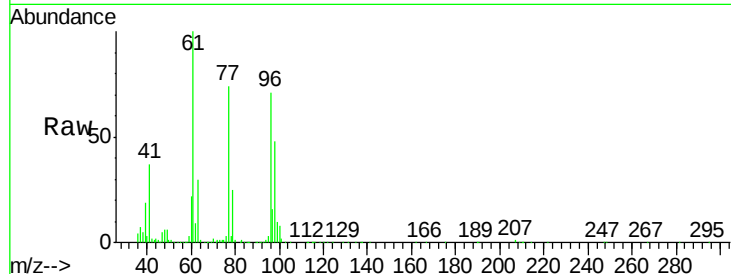
cis-1,2-Dichloroethene
Concen: 19.333 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.4	0.0	298.8	
98	65.4	0.0	130.2	

Manual Integrations
APPROVED

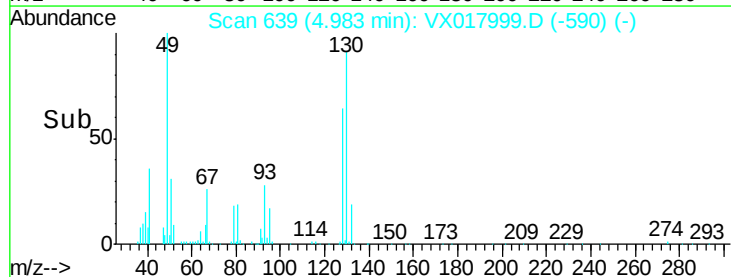
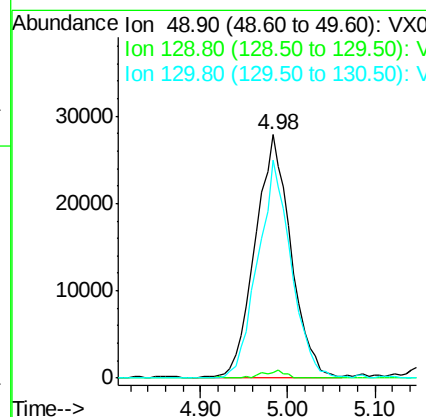
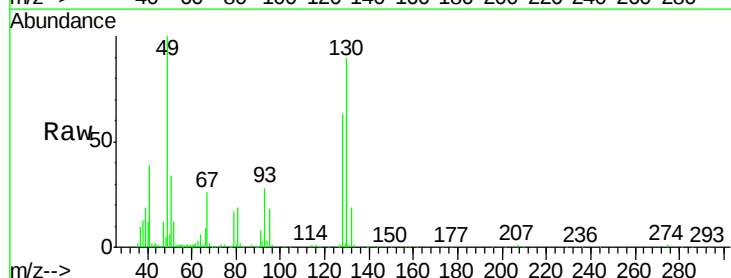
MMDadoda
8/20/2020 9:17:27 AM

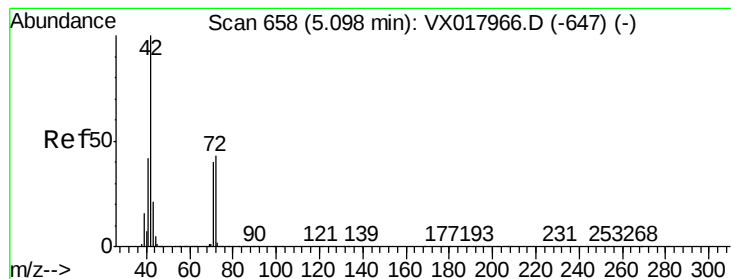


#28

Bromochloromethane
Concen: 20.568 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.6	
130	83.6	68.5	102.7	





#29

Tetrahydrofuran

Concen: 98.089 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

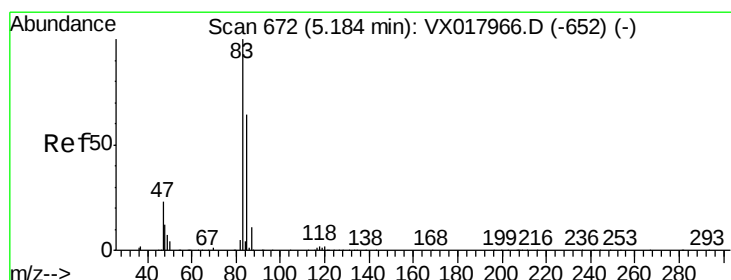
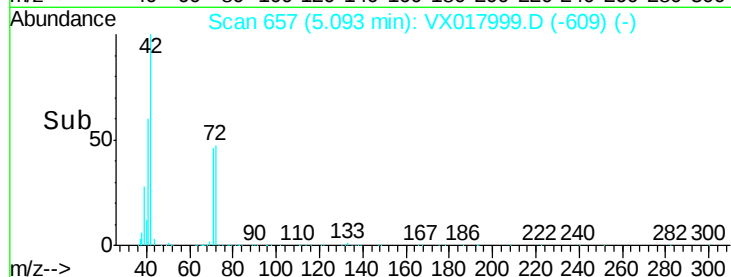
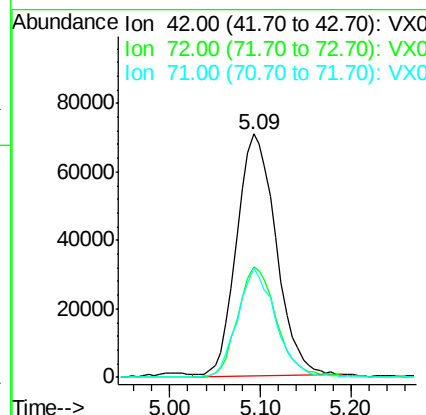
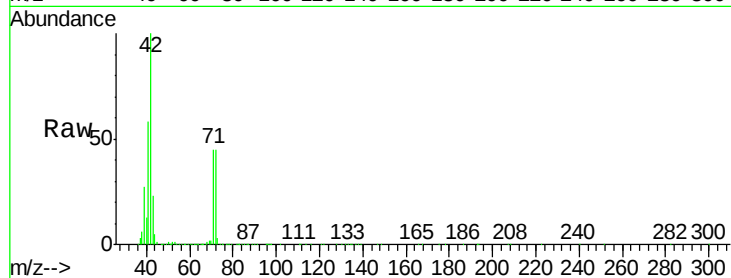
ClientSampleId :

VX0819WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.9	53.9
71	43.1	33.0	49.4

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#30

Chloroform

Concen: 20.024 ug/l

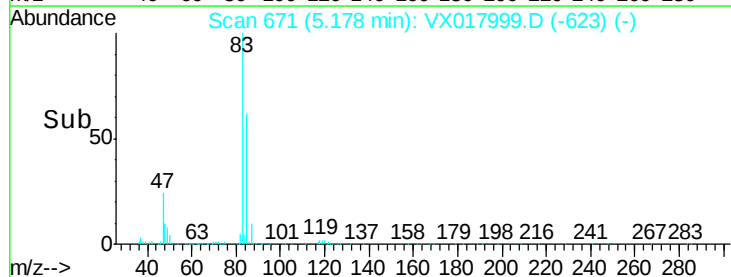
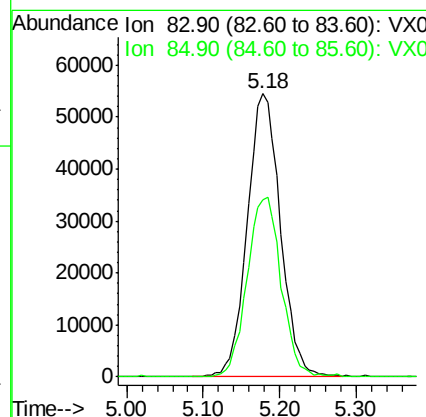
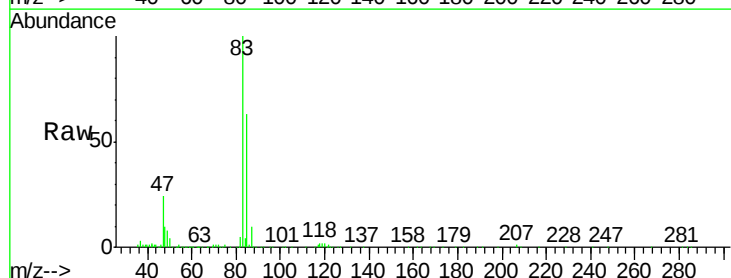
RT: 5.18 min Scan# 671

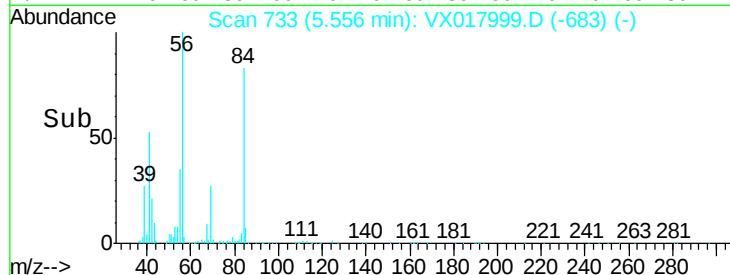
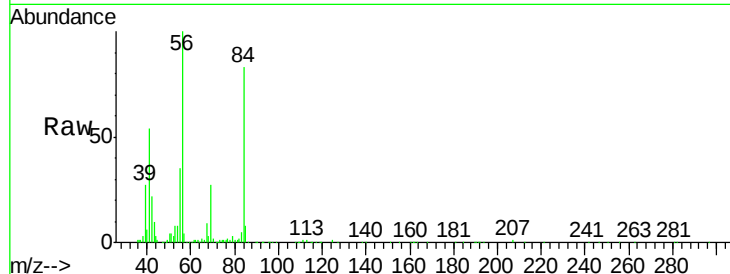
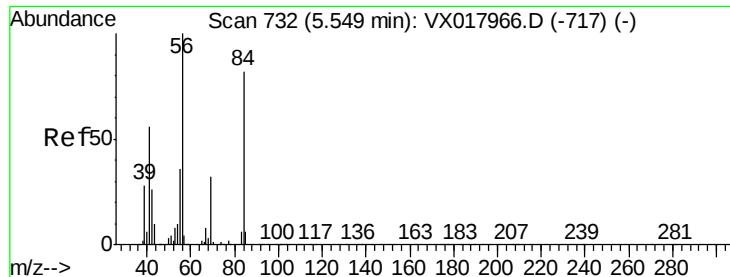
Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.3	76.9





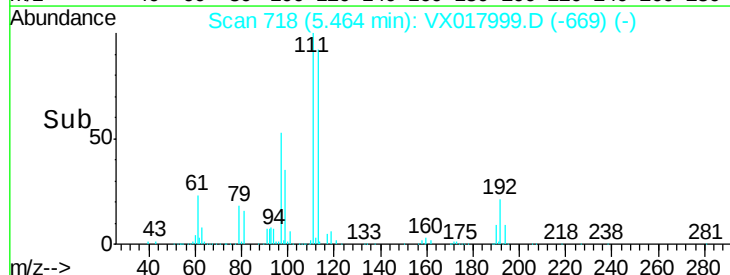
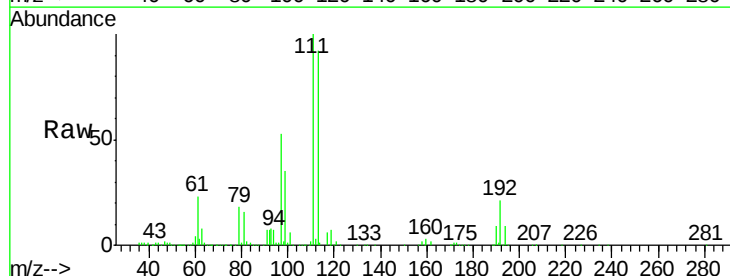
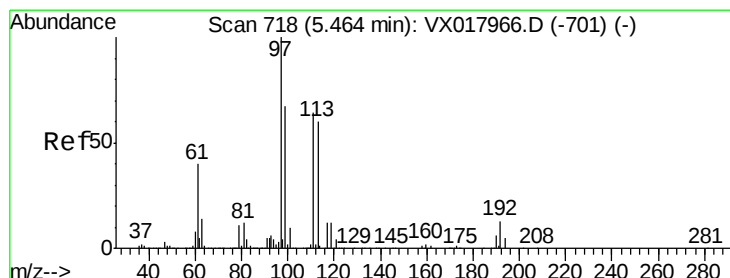
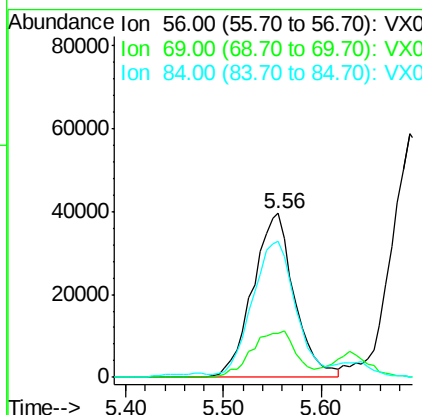
#31
Cyclohexane
Concen: 19.211 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.2	25.3	37.9
84	80.7	65.3	97.9

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

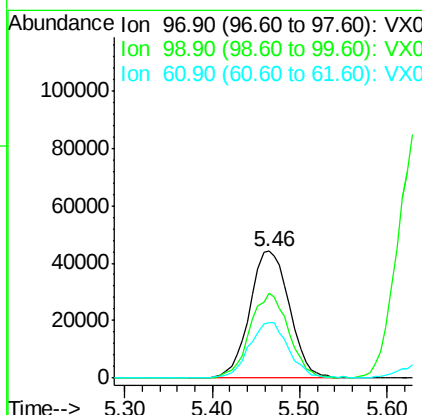
Manual Integrations
APPROVED

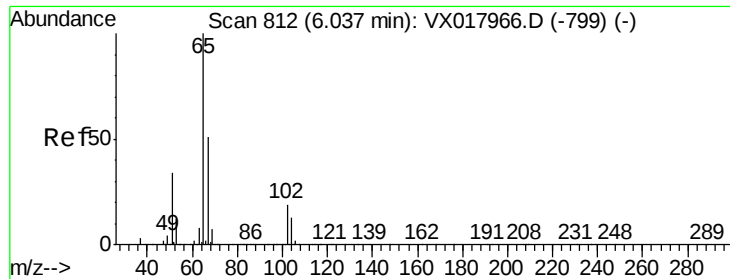
MMDadoda
8/20/2020 9:17:27 AM



#32
1,1,1-Trichloroethane
Concen: 18.860 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.0
61	43.7	33.7	50.5





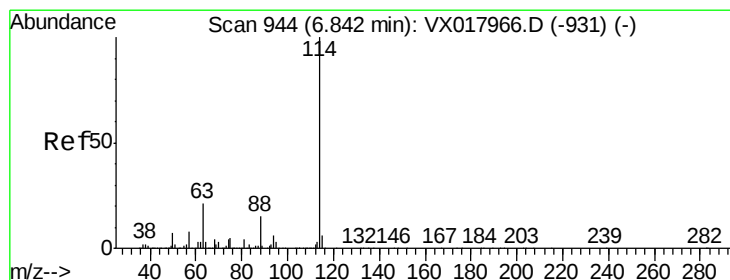
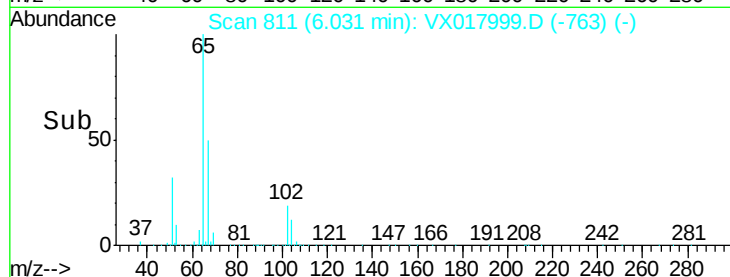
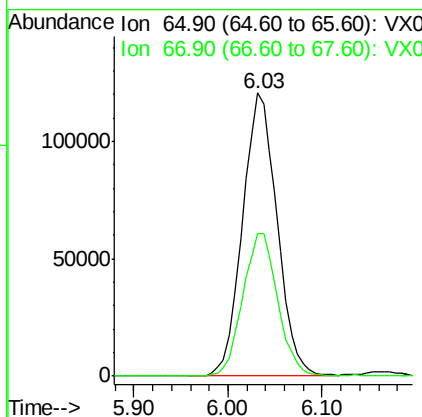
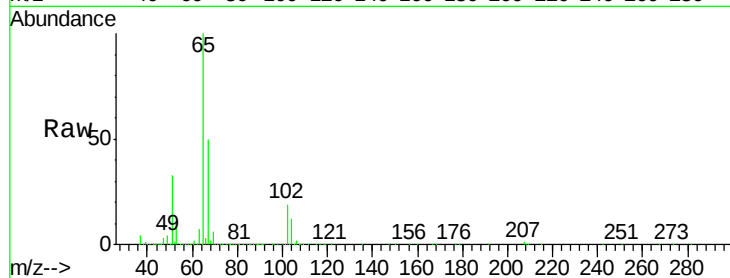
#33
 1,2-Dichloroethane-d4
 Concen: 52.705 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	310515		
67	51.0	0.0	103.0	

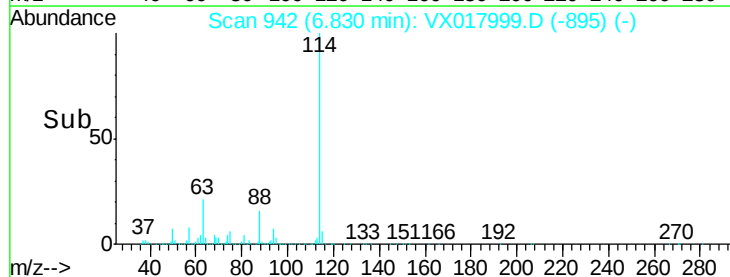
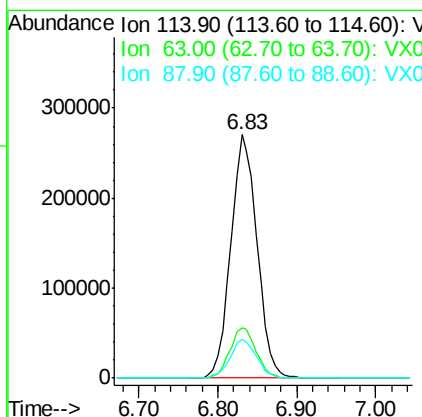
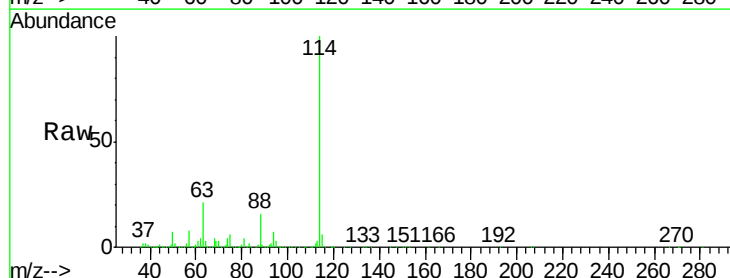
Manual Integrations
 APPROVED

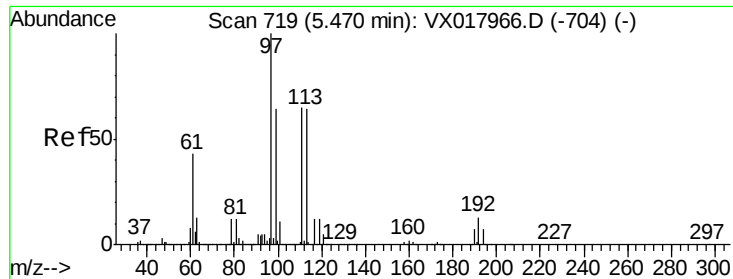
MMDadoda
 8/20/2020 9:17:27 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	626397		
63	20.6	0.0	42.6	
88	16.0	0.0	30.2	





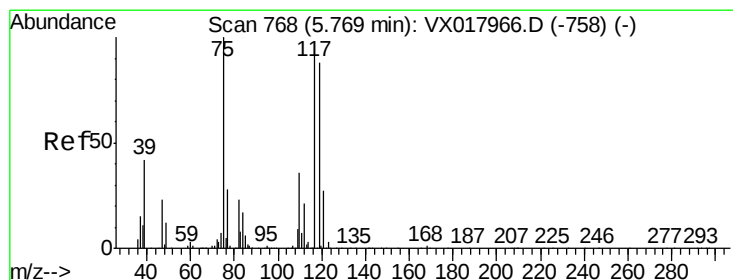
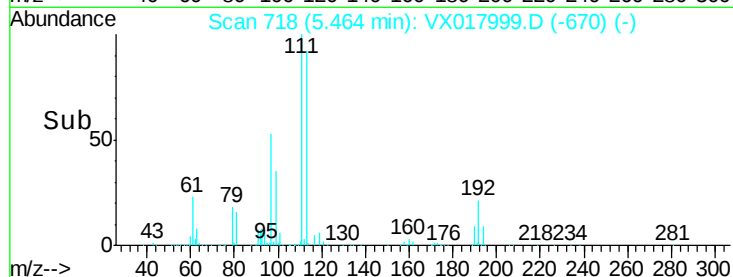
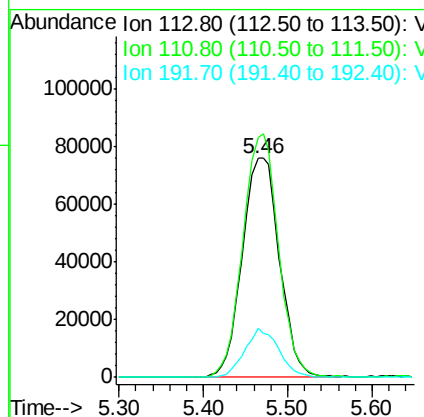
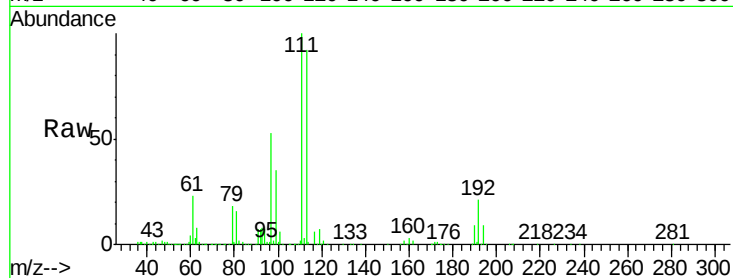
#35
 Dibromofluoromethane
 Concen: 48.893 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	106.1	83.5	125.3	
192	20.4	16.2	24.4	

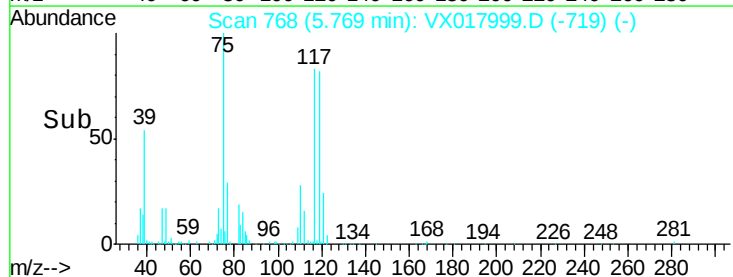
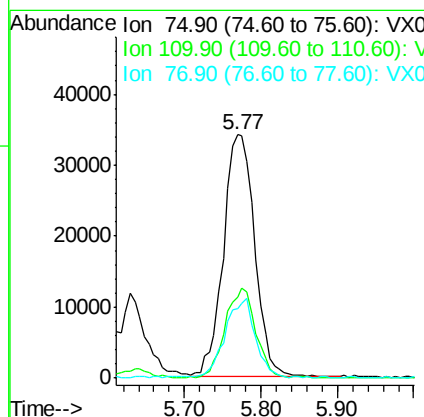
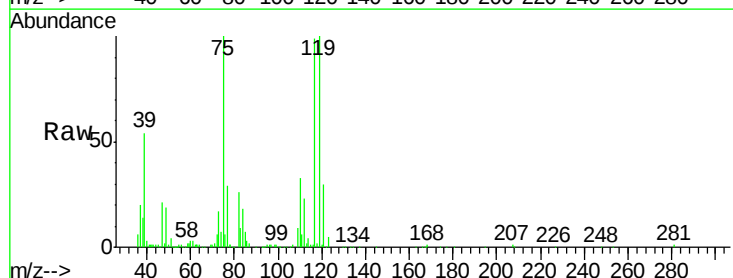
Manual Integrations
 APPROVED

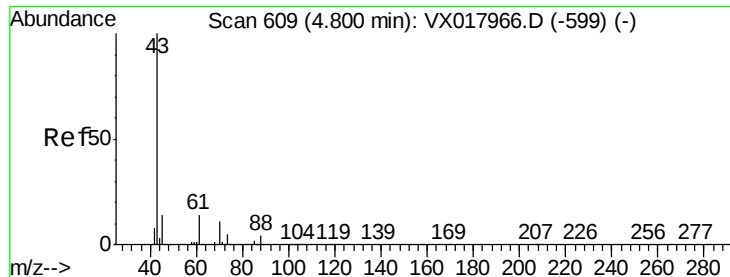
MMDadoda
 8/20/2020 9:17:27 AM



#36
 1,1-Dichloropropene
 Concen: 18.535 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.1	18.7	56.1	
77	30.8	24.4	36.6	





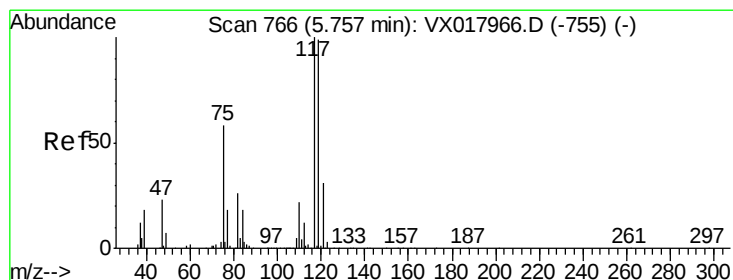
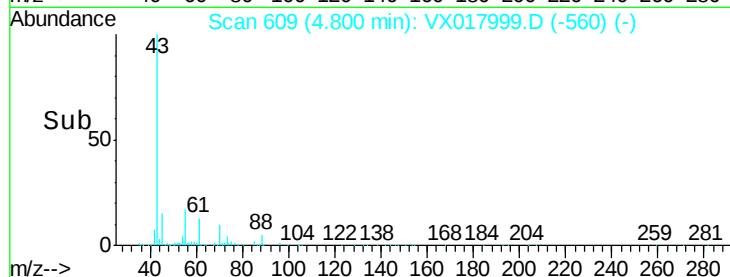
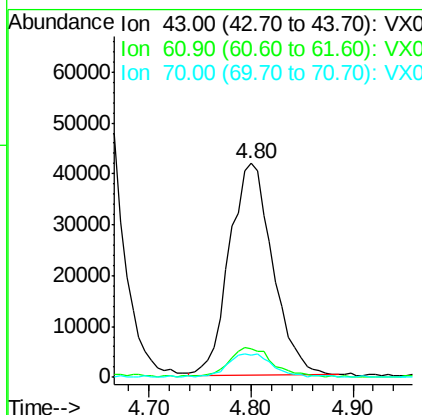
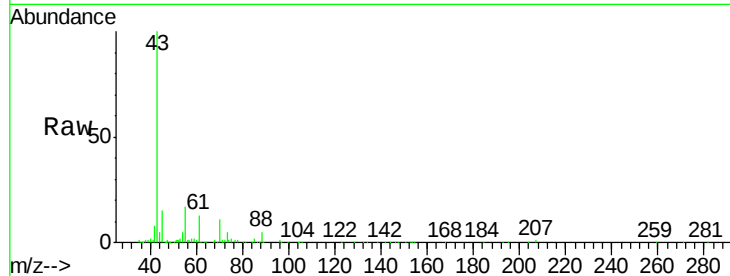
#37
Ethyl Acetate
Concen: 19.474 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	43	Resp	122161
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.3	16.9
70	11.6	8.5	12.7

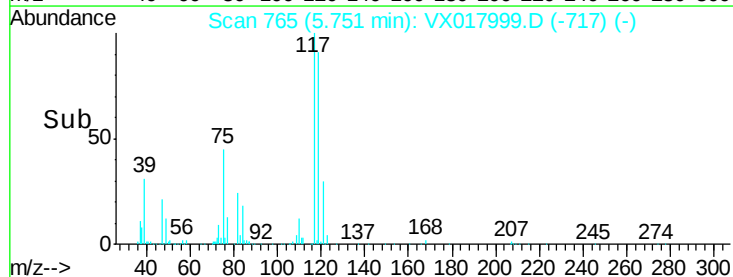
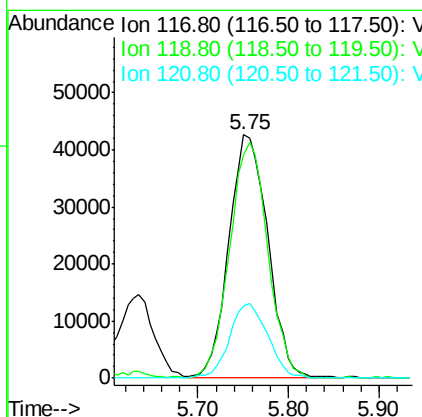
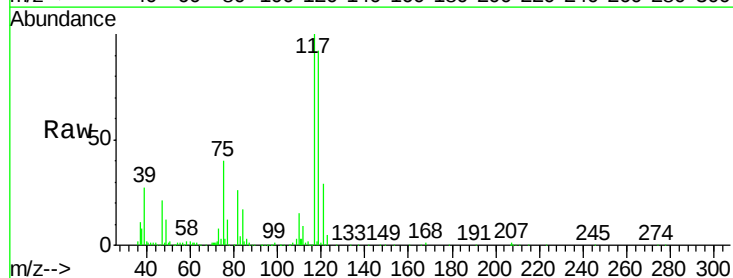
Manual Integrations
APPROVED

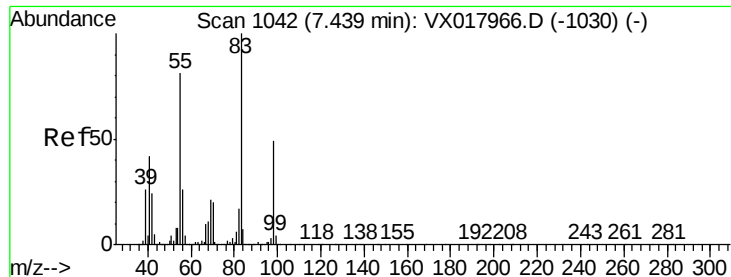
MMDadoda
8/20/2020 9:17:27 AM



#38
Carbon Tetrachloride
Concen: 18.624 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	117	Resp	126373
Ion Ratio	Lower	Upper	
117	100		
119	91.8	79.0	118.6
121	29.5	24.7	37.1





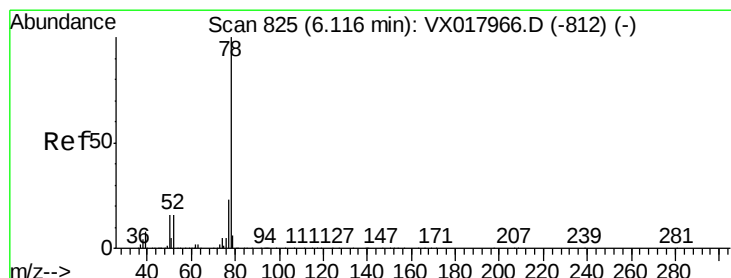
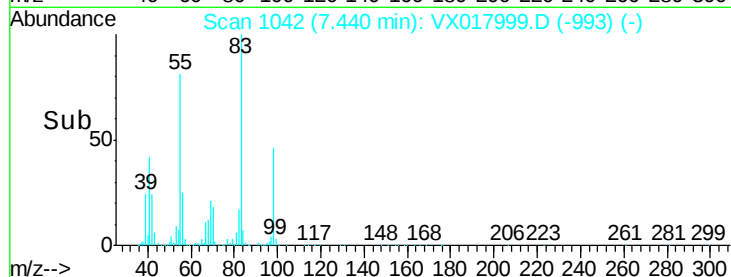
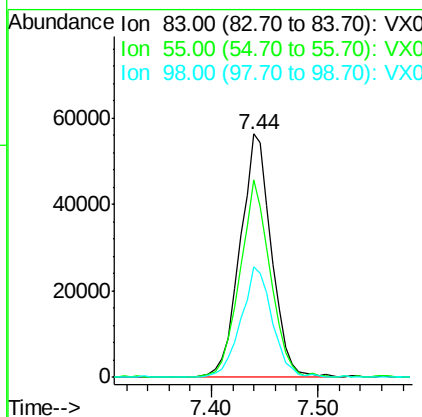
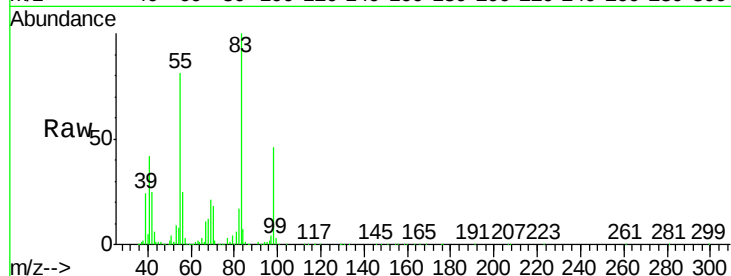
#39
Methylvlcvclohexane
Concen: 17.884 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	64.5	96.7
98	45.5	39.0	58.6

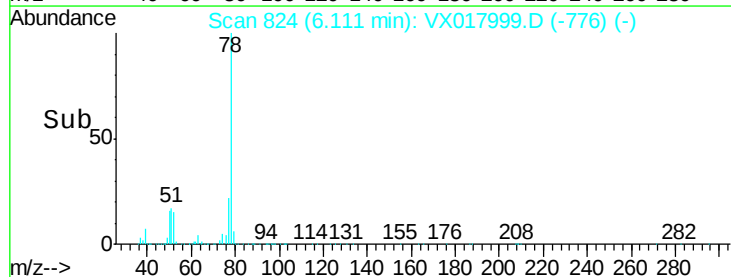
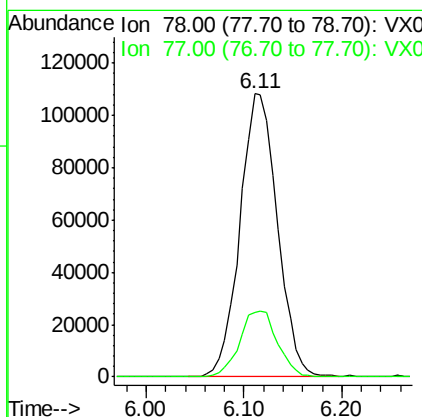
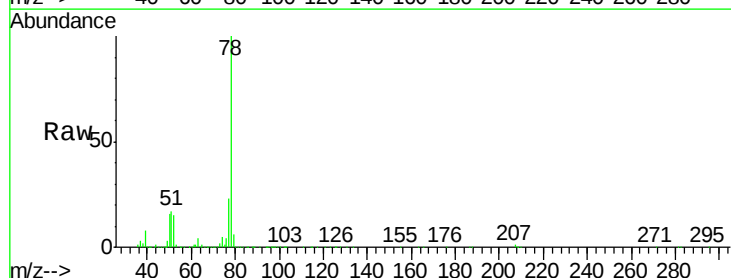
Manual Integrations
APPROVED

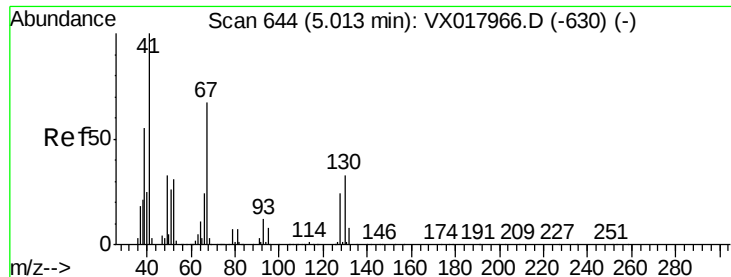
MMDadoda
8/20/2020 9:17:27 AM



#40
Benzene
Concen: 18.039 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2





#41

Methacrylonitrile

Concen: 19.569 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

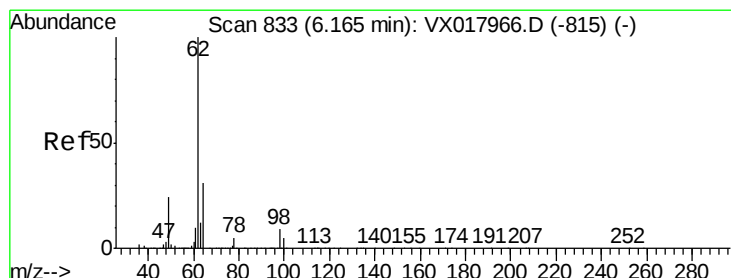
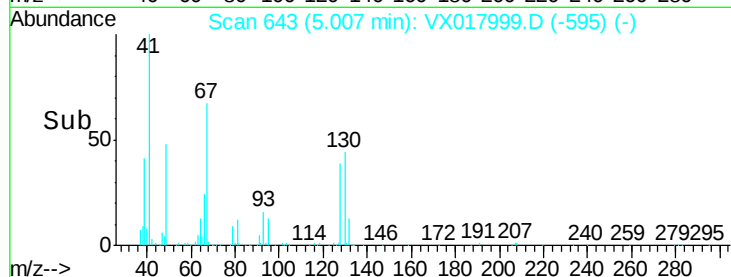
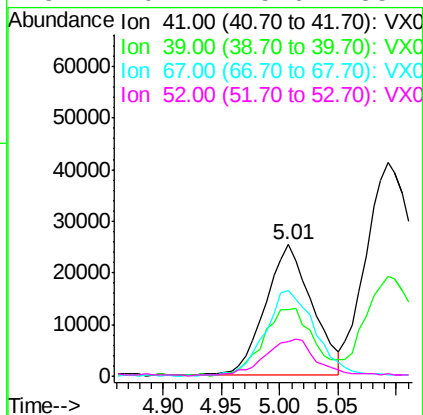
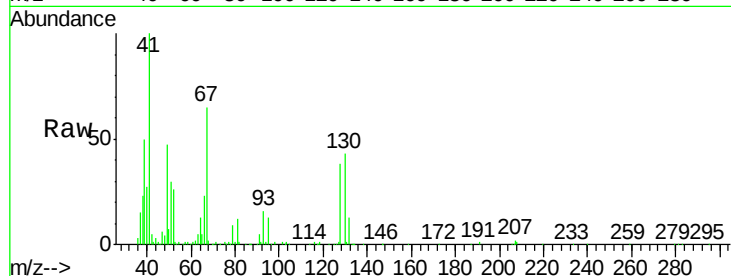
ClientSampleId :

VX0819WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	44.8	67.2	
67	70.8	57.5	86.3	
52	29.4	25.6	38.4	

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#42

1,2-Dichloroethane

Concen: 19.062 ug/l

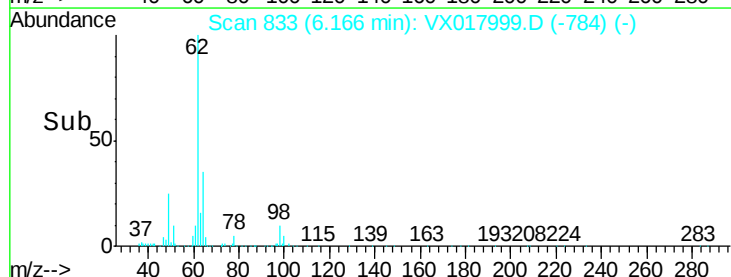
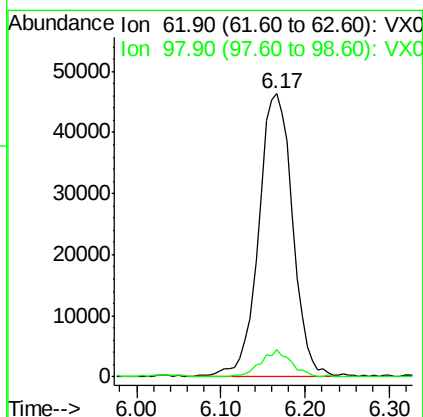
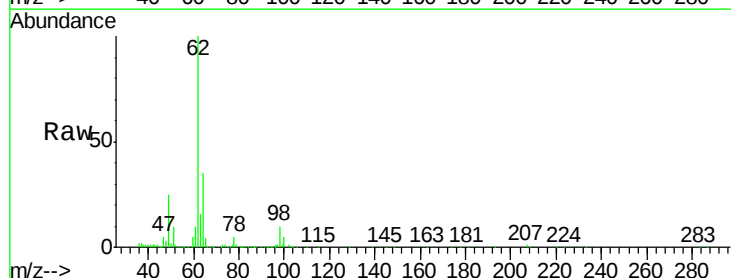
RT: 6.17 min Scan# 833

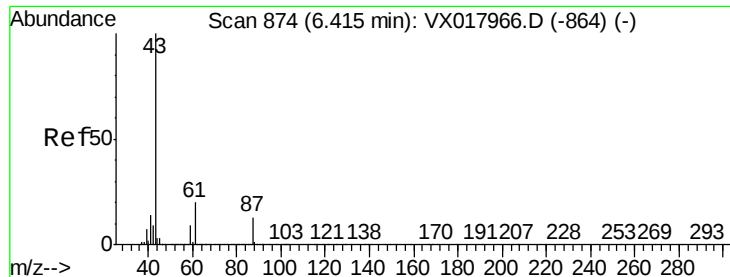
Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.2	





#43

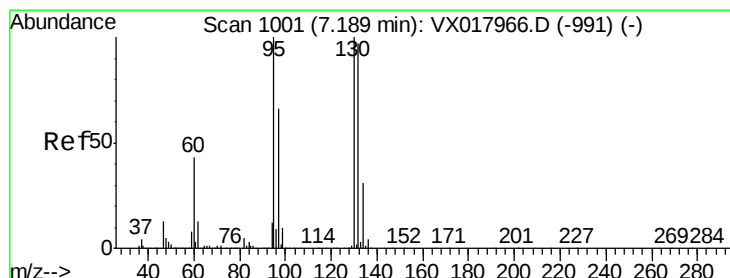
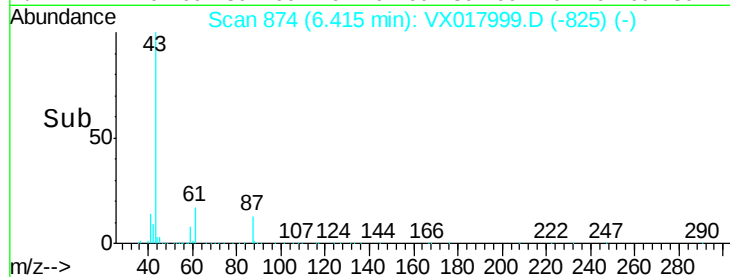
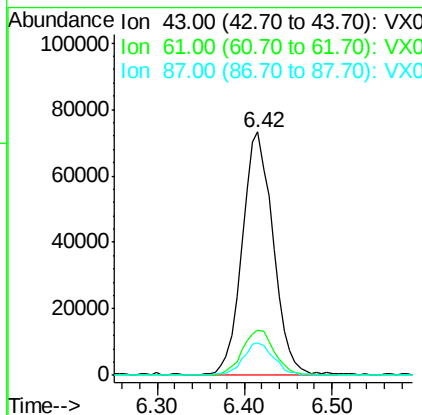
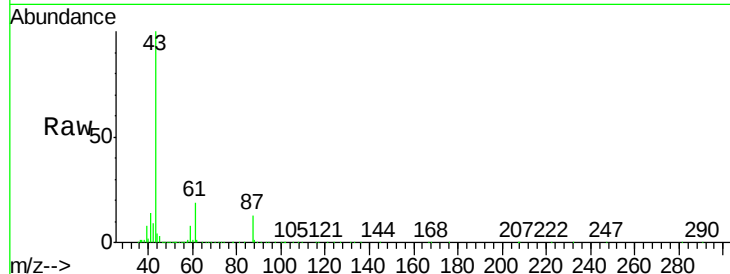
Isopropyl Acetate
 Concen: 17.899 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.2	24.4
87	13.3	10.8	16.2

Manual Integrations
 APPROVED

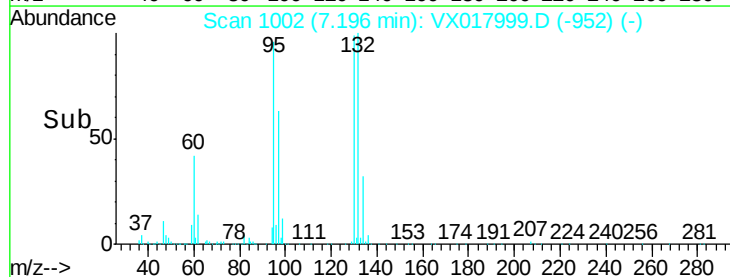
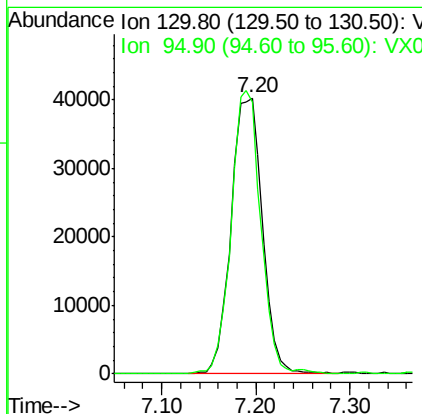
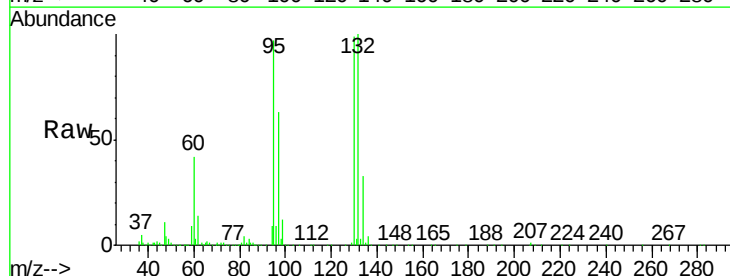
MMDadoda
 8/20/2020 9:17:27 AM

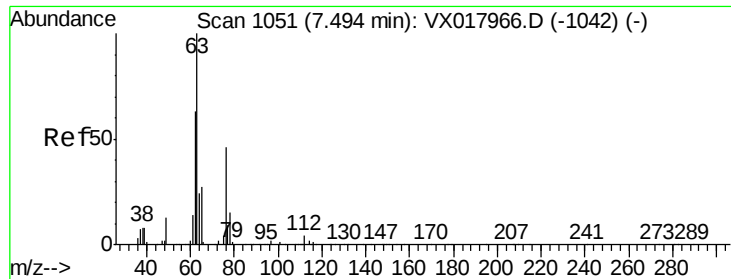


#44

Trichloroethene
 Concen: 19.933 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	200.6





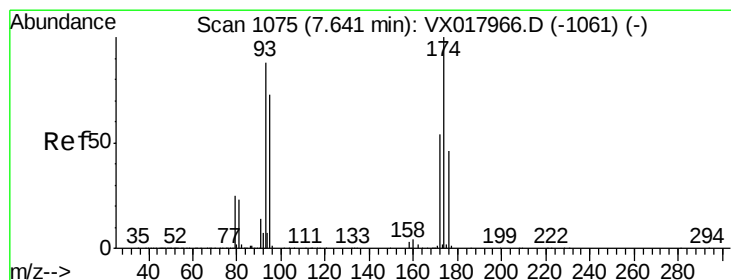
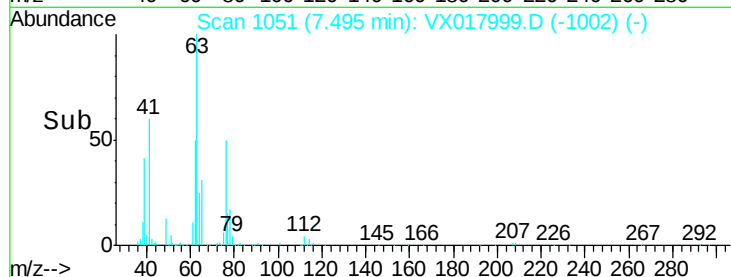
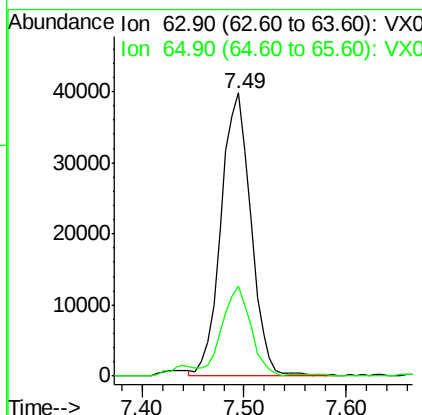
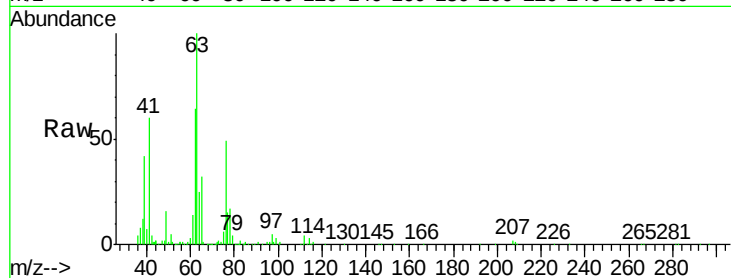
#45
 1,2-Dichloropropane
 Concen: 17.963 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.8	35.8

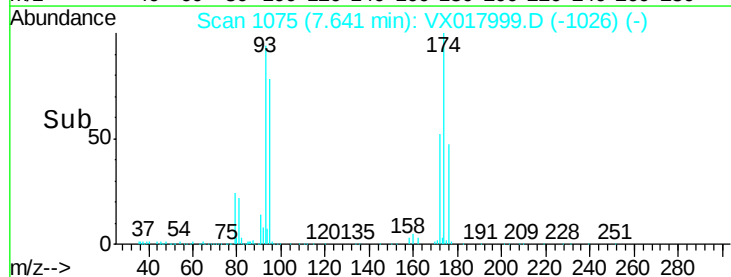
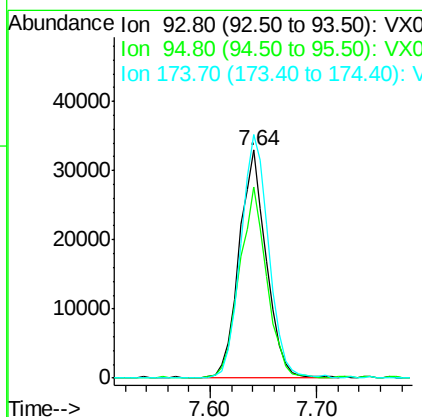
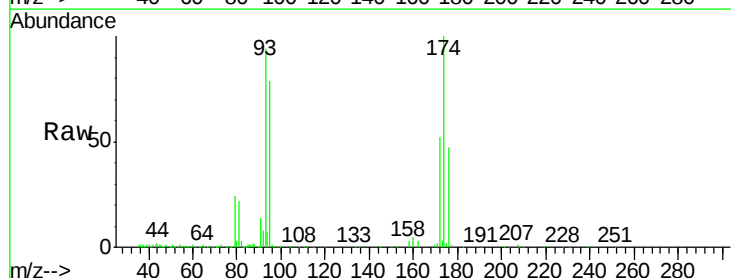
Manual Integrations
 APPROVED

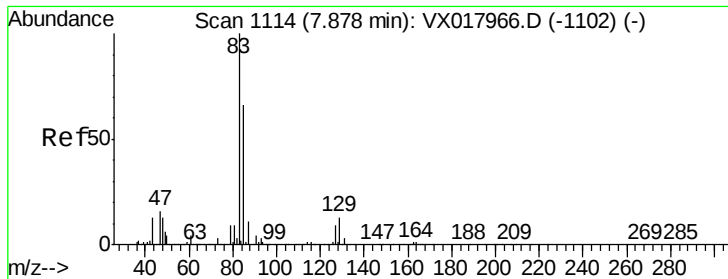
MMDadoda
 8/20/2020 9:17:27 AM



#46
 Dibromomethane
 Concen: 18.843 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.8	100.2
174	109.4	88.3	132.5





#47

Bromodichloromethane

Concen: 18.587 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

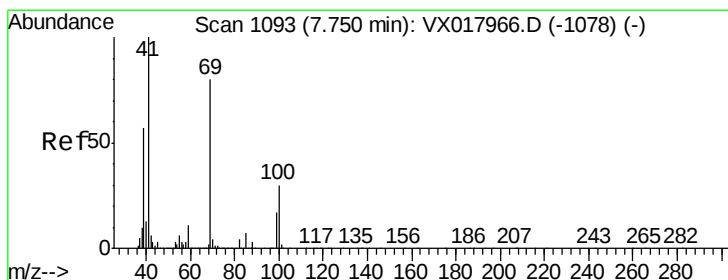
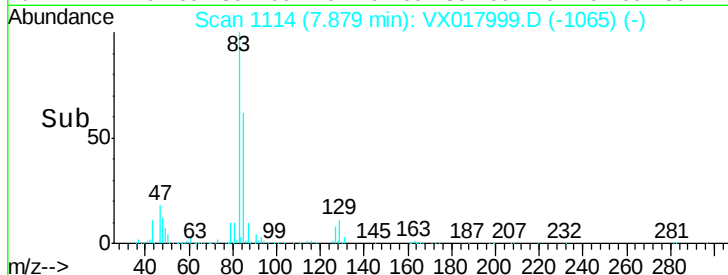
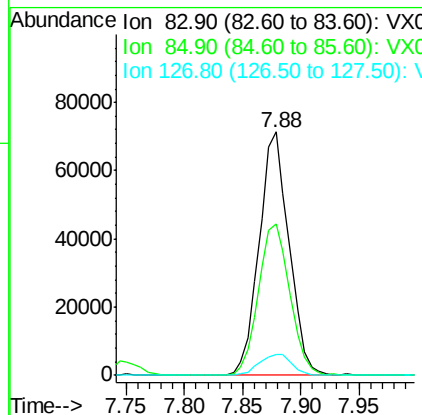
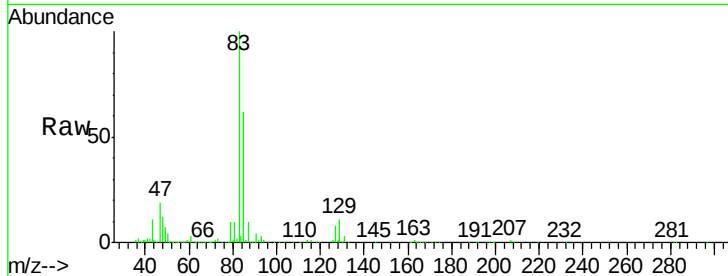
ClientSampleId :

VX0819WBS02

Tot Ion:	83	Resp:	127418
Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.4	78.6
127	8.5	7.0	10.6

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#48

Methyl methacrylate

Concen: 18.959 ug/l

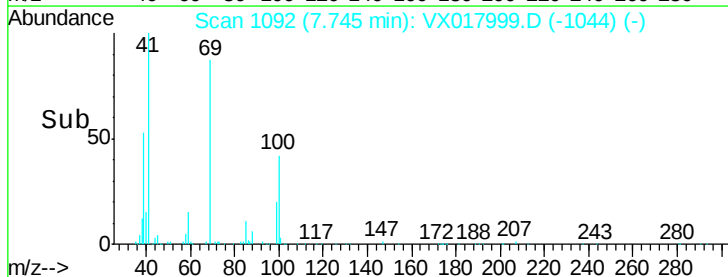
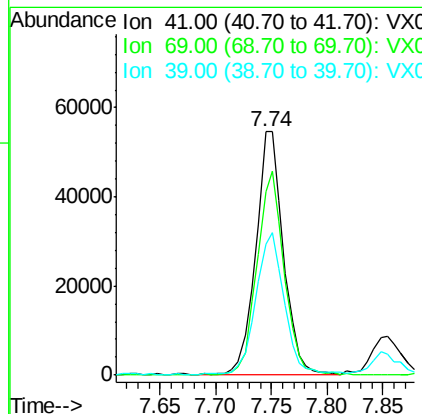
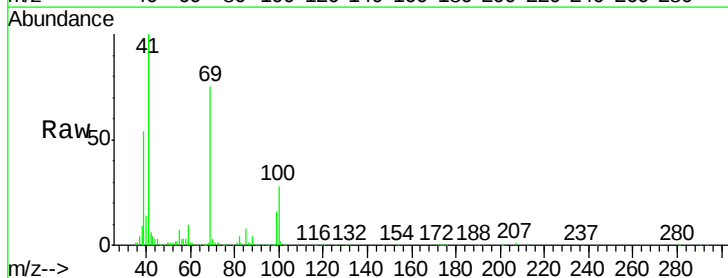
RT: 7.74 min Scan# 1092

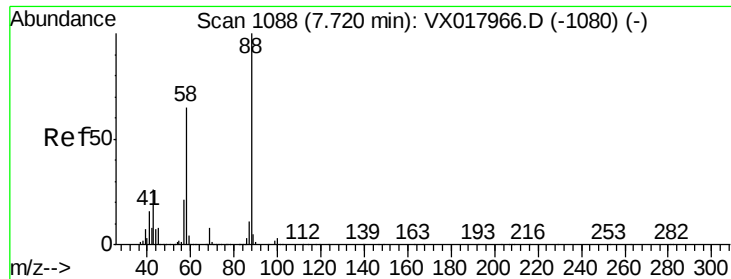
Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion:	41	Resp:	95179
Ion	Ratio	Lower	Upper
41	100		
69	82.5	64.3	96.5
39	60.8	45.3	67.9





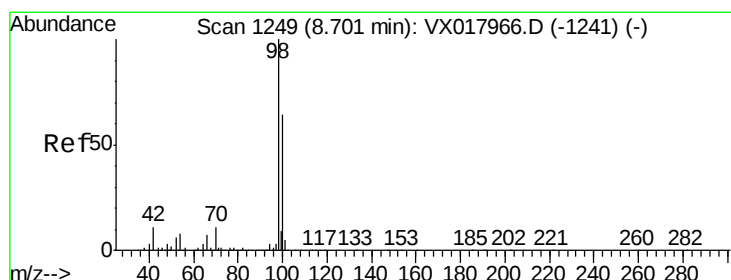
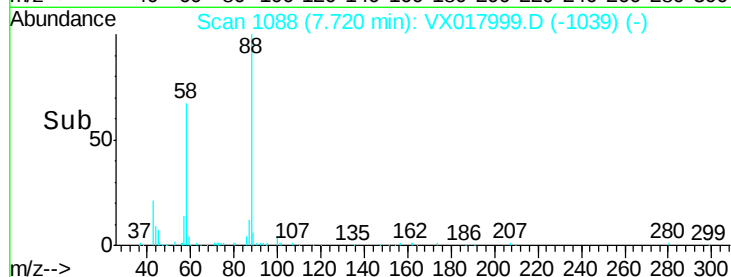
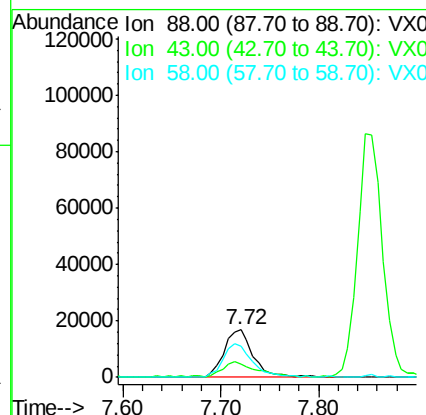
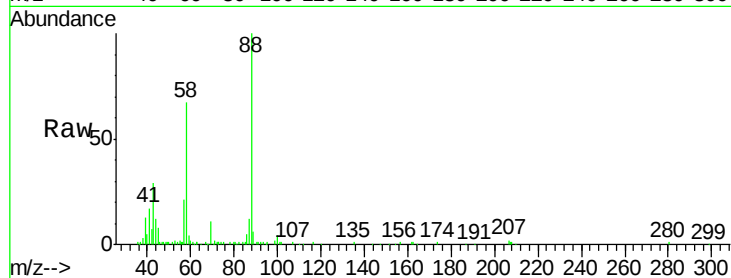
#49
1,4-Dioxane
Concen: 339.289 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.3	40.9
58	71.7	57.7	86.5

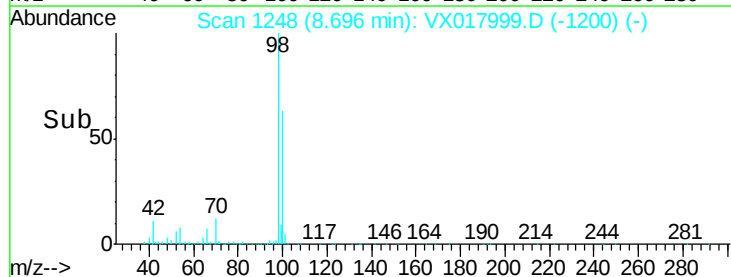
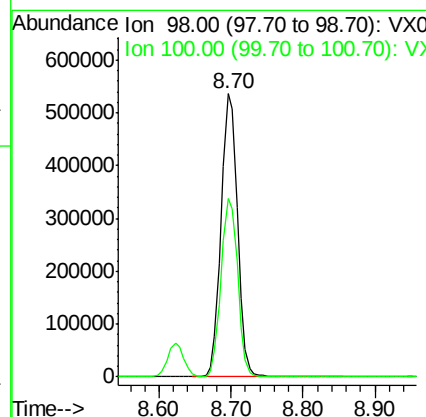
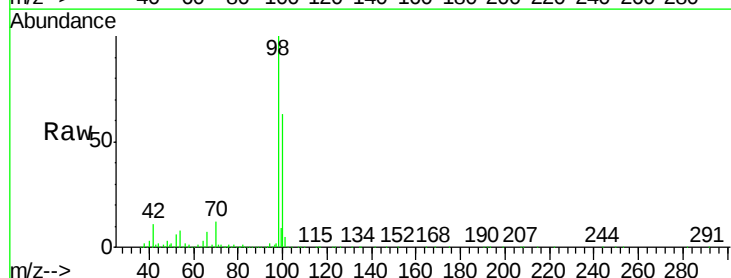
Manual Integrations
APPROVED

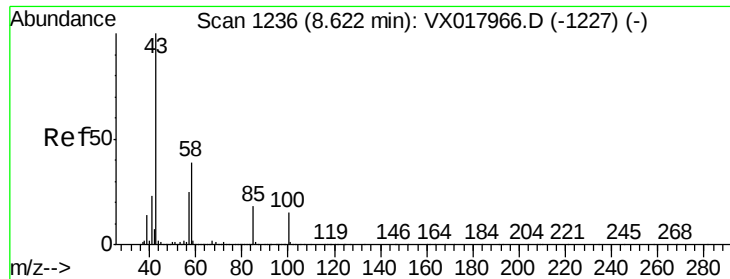
MMDadoda
8/20/2020 9:17:27 AM



#50
Toluene-d8
Concen: 51.279 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.2





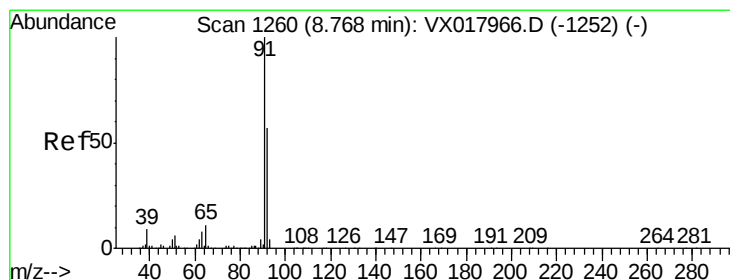
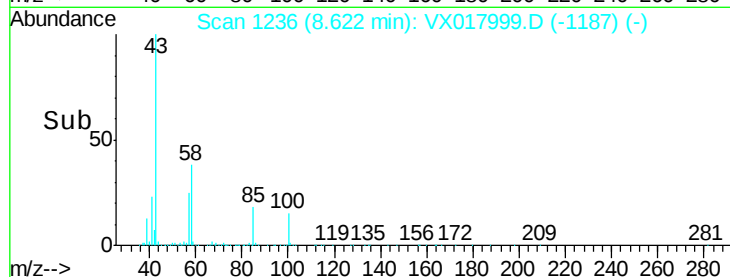
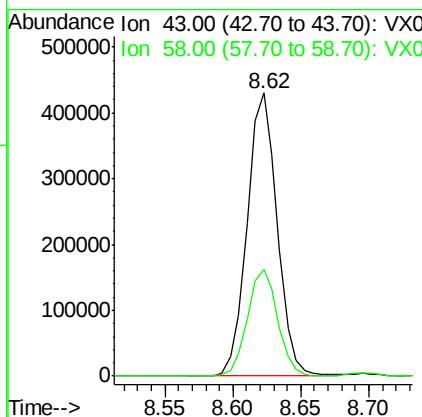
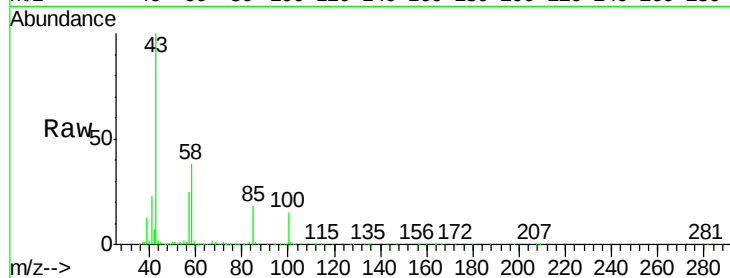
#51
4-Methyl-2-Pentanone
Concen: 97.483 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.0	46.4

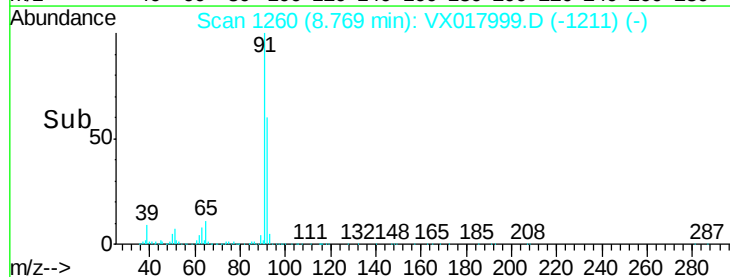
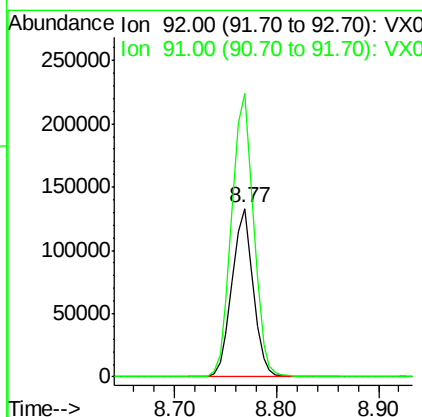
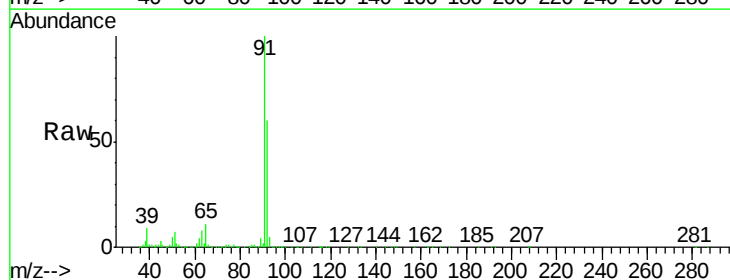
Manual Integrations
APPROVED

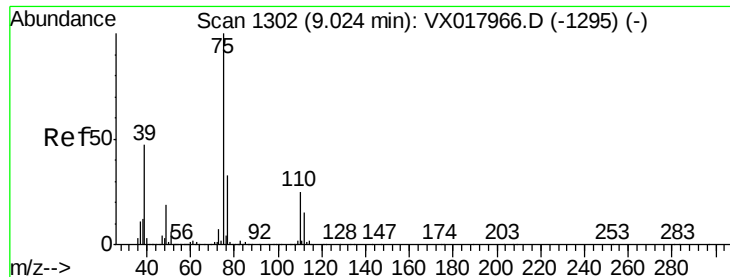
MMDadoda
8/20/2020 9:17:27 AM



#52
Toluene
Concen: 18.505 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.4	207.6





#53

t-1,3-Dichloropropene

Concen: 19.252 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 75 Resp: 139587

Ion Ratio Lower Upper

75 100

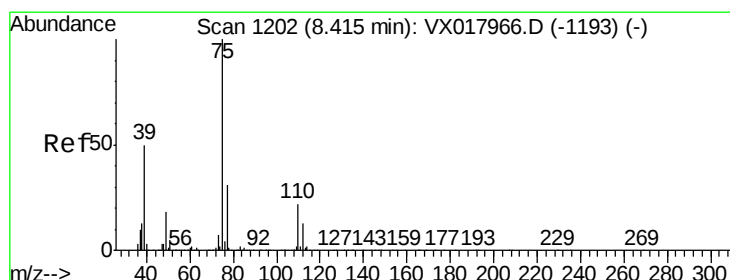
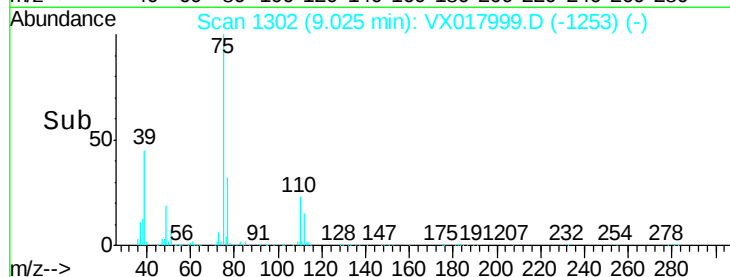
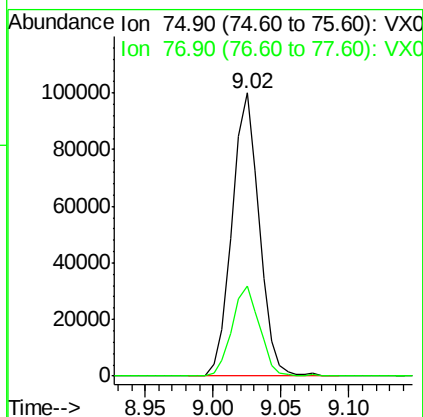
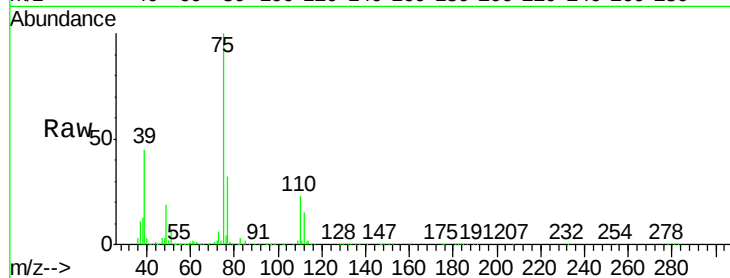
77 31.6 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

8/20/2020 9:17:27 AM



#54

cis-1,3-Dichloropropene

Concen: 19.616 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

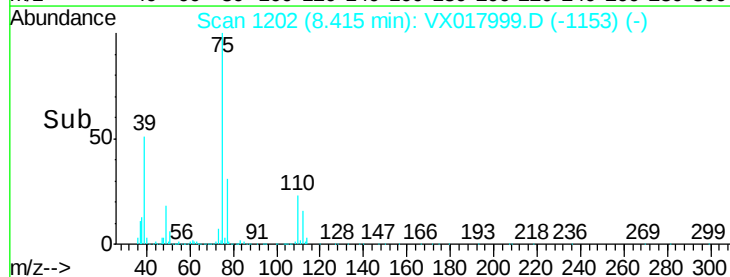
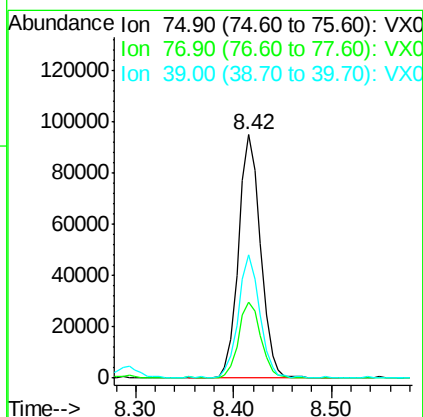
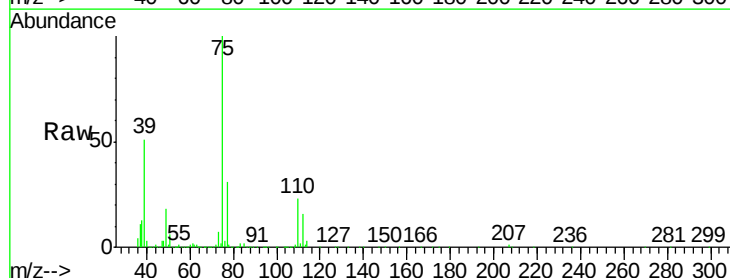
Tgt Ion: 75 Resp: 148291

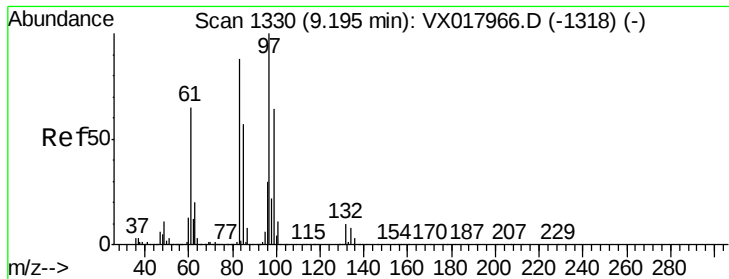
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 50.5 39.7 59.5





#55

1,1,2-Trichloroethane

Concen: 19.555 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

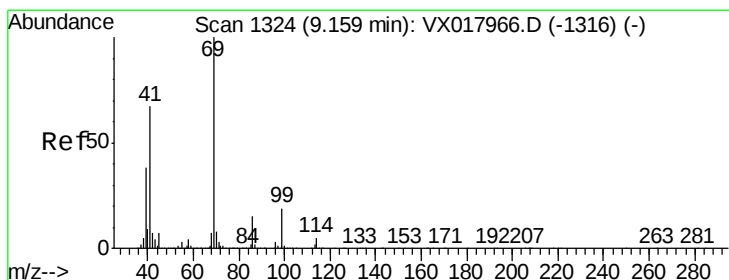
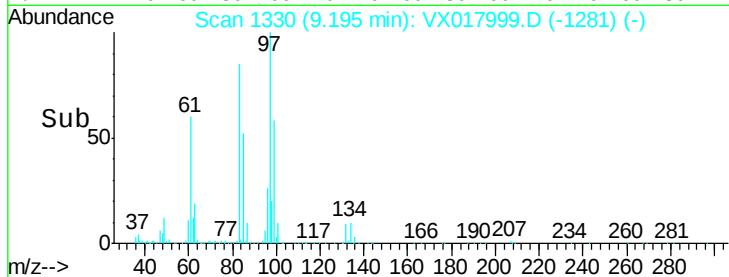
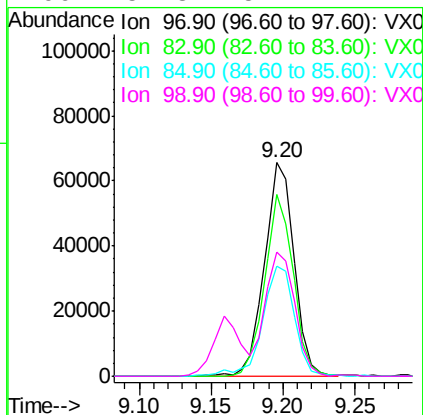
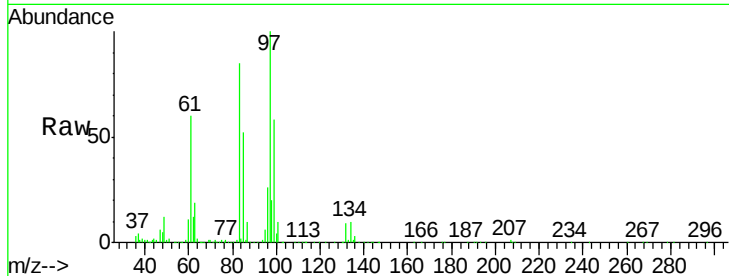
ClientSampleId :

VX0819WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		92816		
83	85.1	70.1	105.1		
85	51.7	45.8	68.8		
99	57.8	51.4	77.2		

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#56

Ethyl methacrylate

Concen: 18.998 ug/l

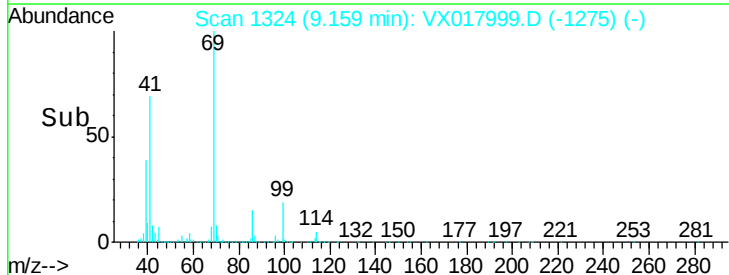
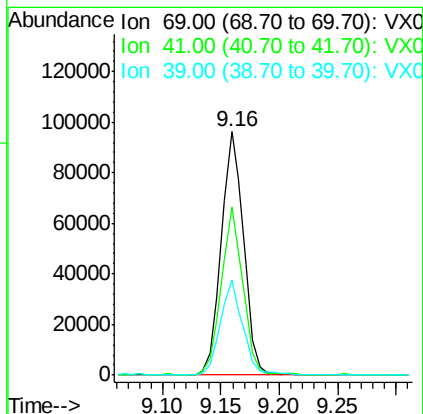
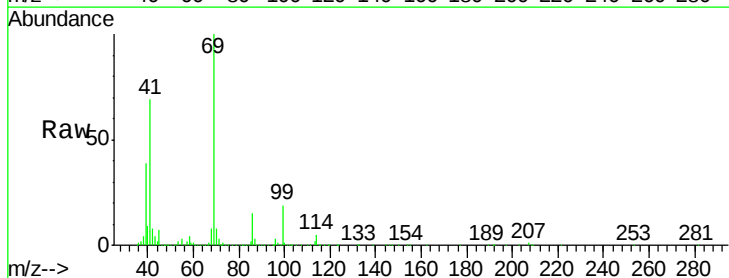
RT: 9.16 min Scan# 1324

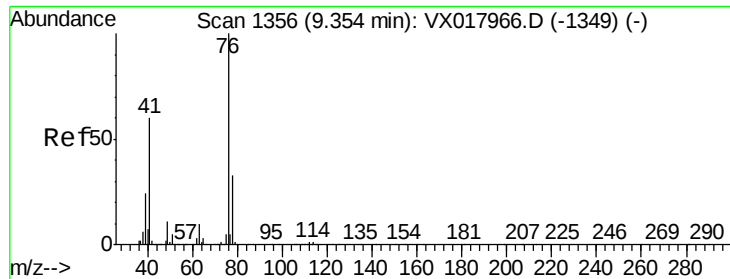
Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		127490		
41	66.1	52.3	78.5		
39	38.6	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 18.379 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 76 Resp: 138538

Ion Ratio Lower Upper

76 100

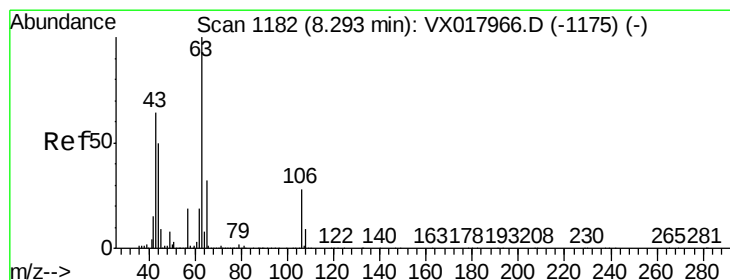
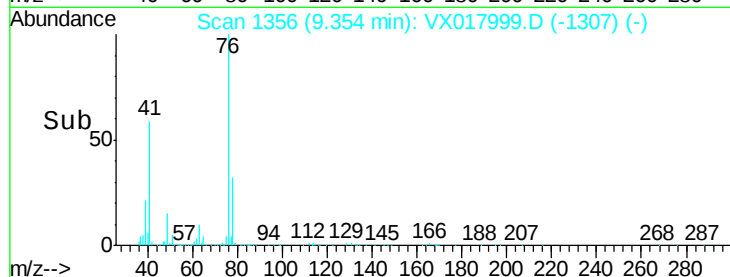
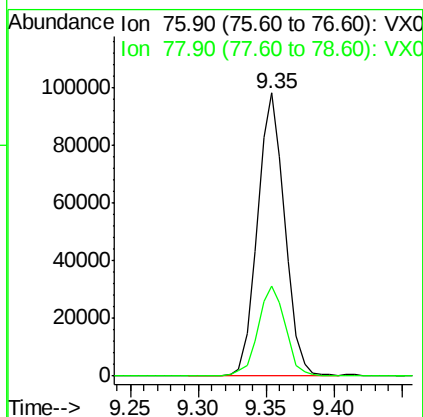
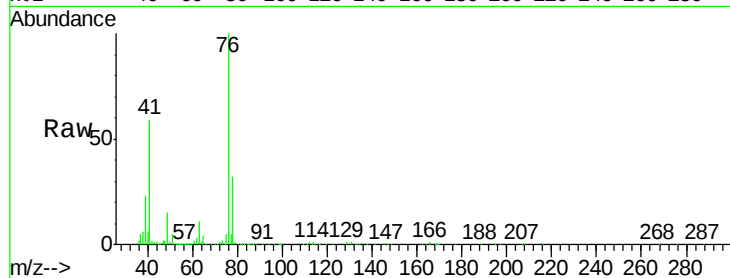
78 31.9 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

8/20/2020 9:17:27 AM



#58

2-Chloroethyl Vinyl ether

Concen: 97.468 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017999.D

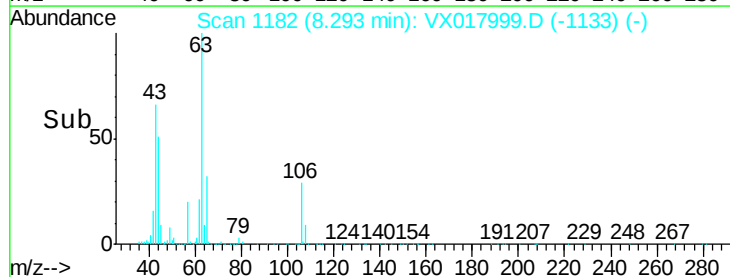
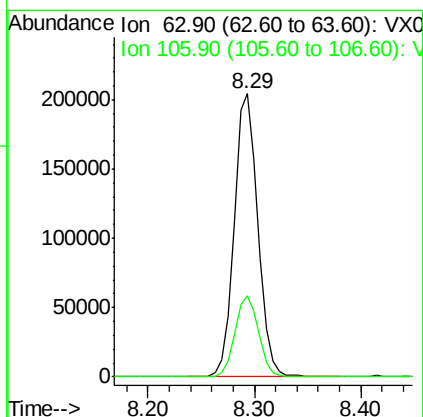
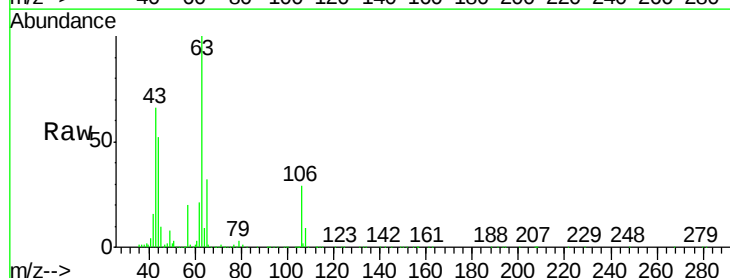
Acq: 19 Aug 2020 22:10

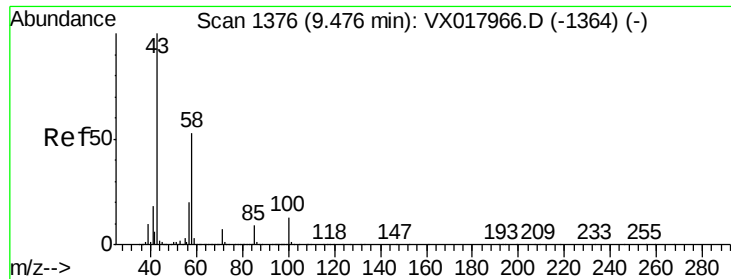
Tgt Ion: 63 Resp: 316741

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.4





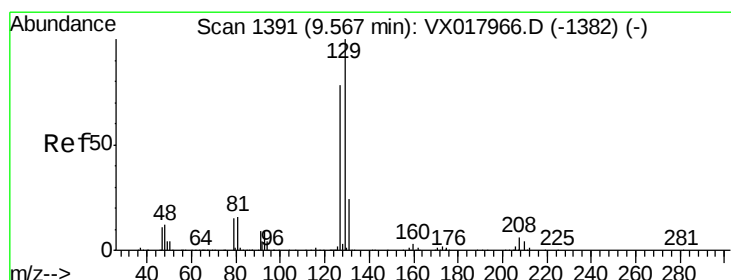
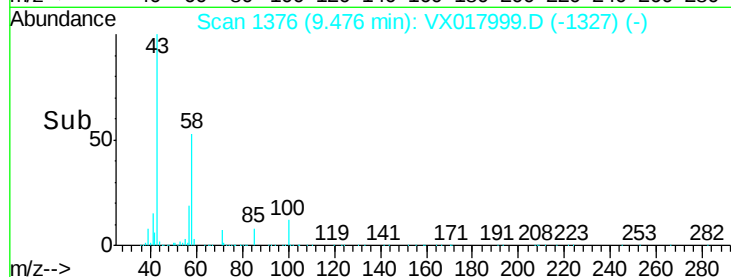
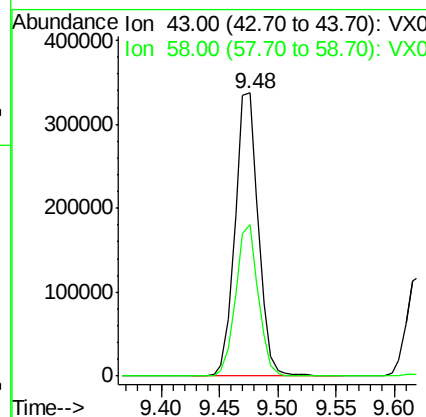
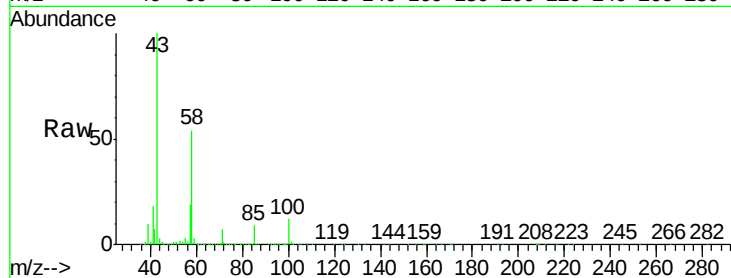
#59
2-Hexanone
Concen: 91.277 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.9	26.4	79.0

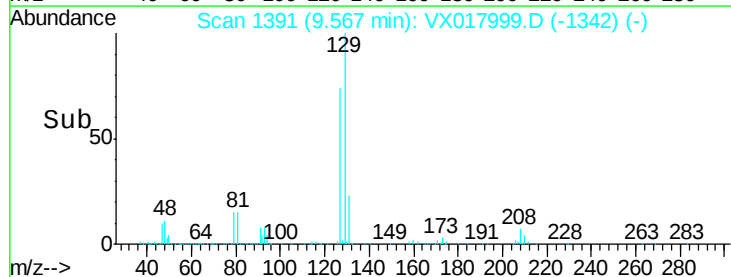
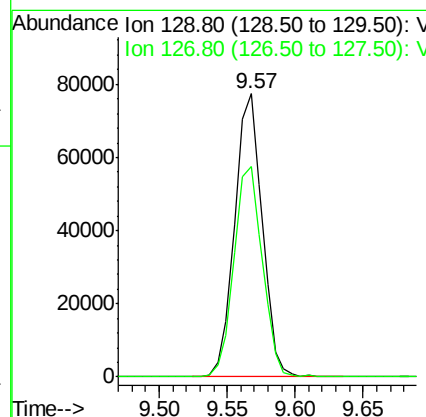
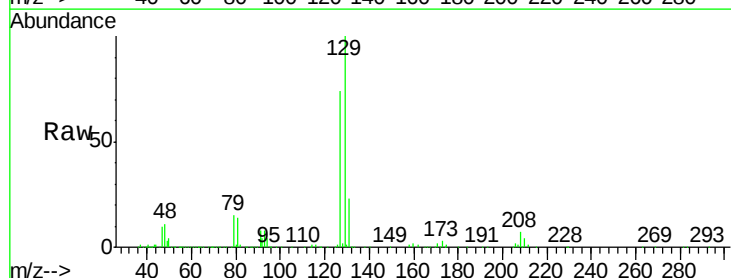
Manual Integrations
APPROVED

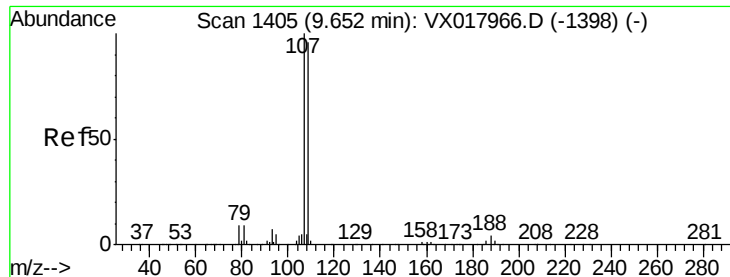
MMDadoda
8/20/2020 9:17:27 AM



#60
Dibromochloromethane
Concen: 18.403 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	39.5	118.3





#61

1,2-Dibromoethane

Concen: 17.616 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 107 Resp: 92612

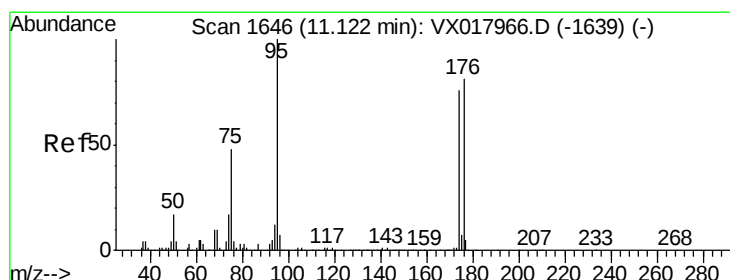
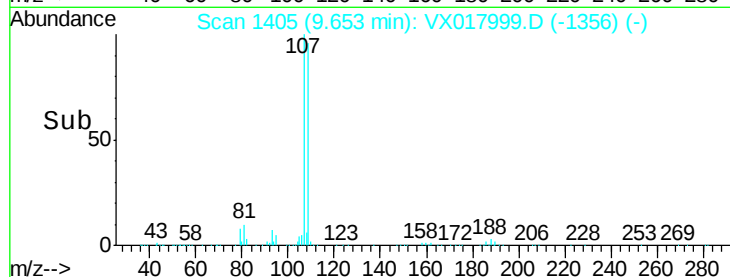
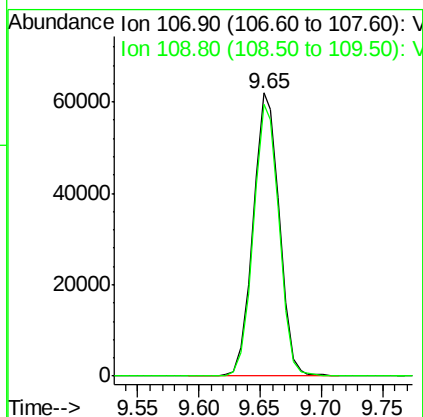
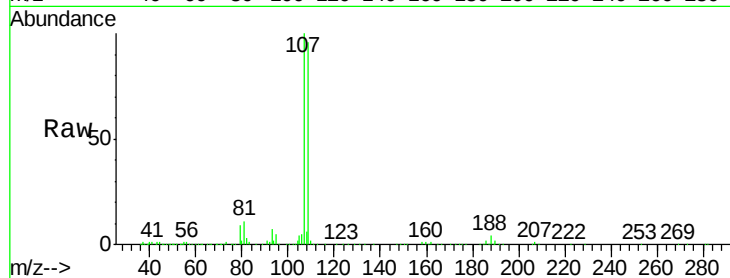
Ion Ratio Lower Upper

107 100

109 94.3 75.5 113.3

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#62

4-Bromofluorobenzene

Concen: 56.830 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

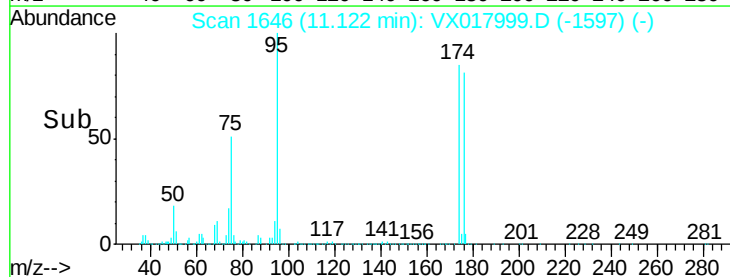
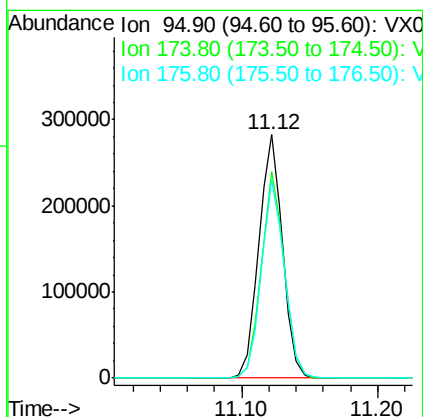
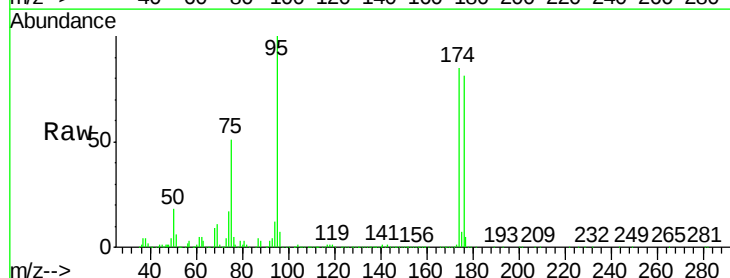
Tgt Ion: 95 Resp: 346092

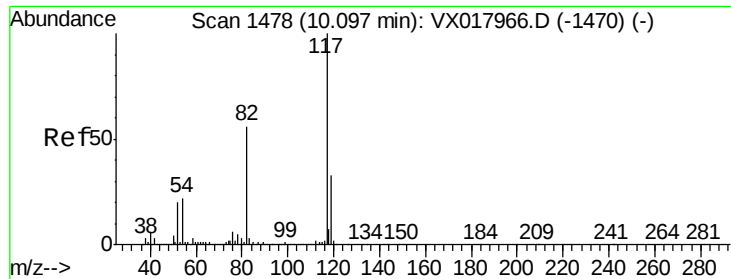
Ion Ratio Lower Upper

95 100

174 82.8 0.0 166.0

176 79.5 0.0 161.0





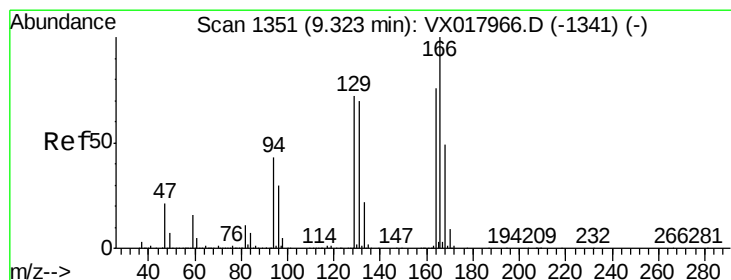
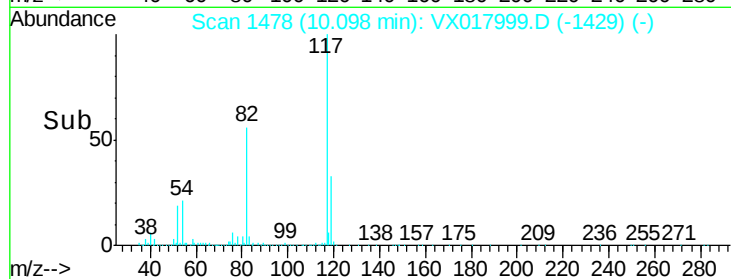
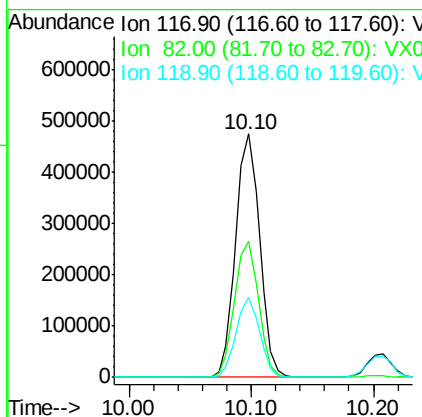
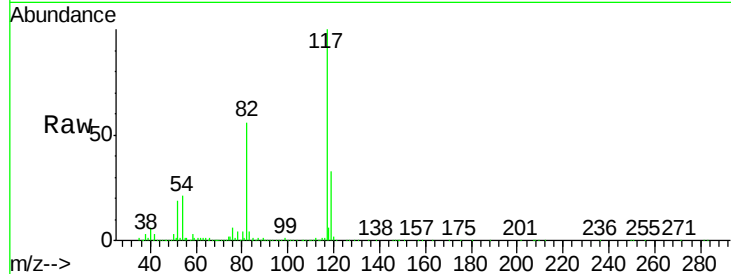
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	32.5	26.2	39.4

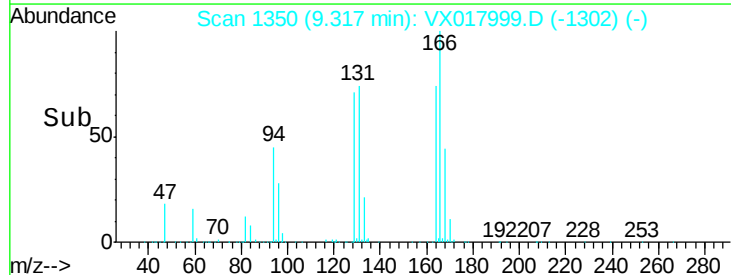
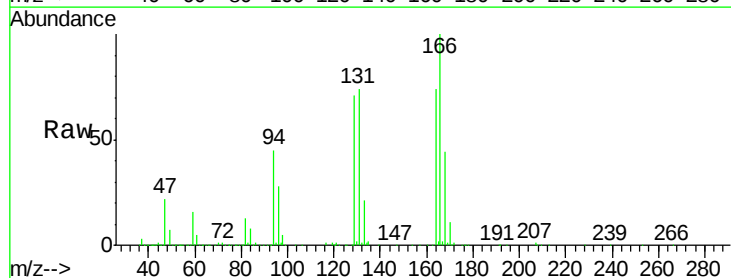
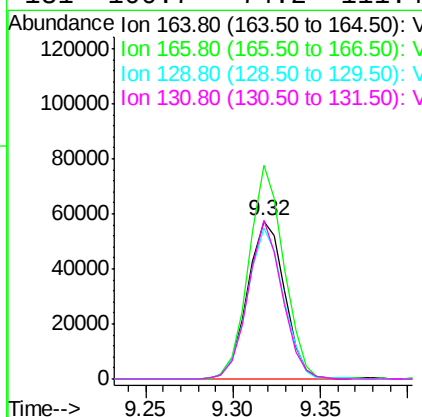
Manual Integrations
APPROVED

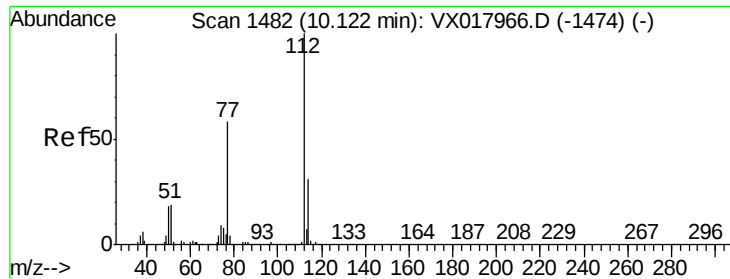
MMDadoda
8/20/2020 9:17:27 AM



#64
Tetrachloroethene
Concen: 17.182 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.2	105.7	158.5
129	96.0	75.8	113.8
131	100.7	74.2	111.4





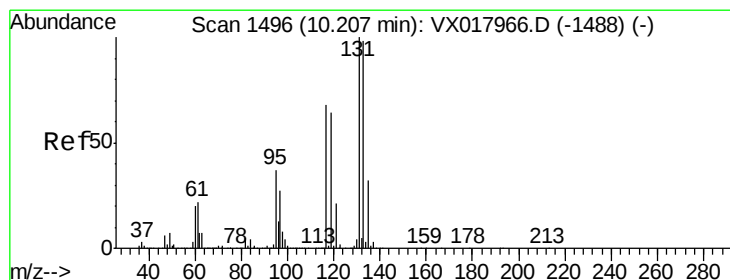
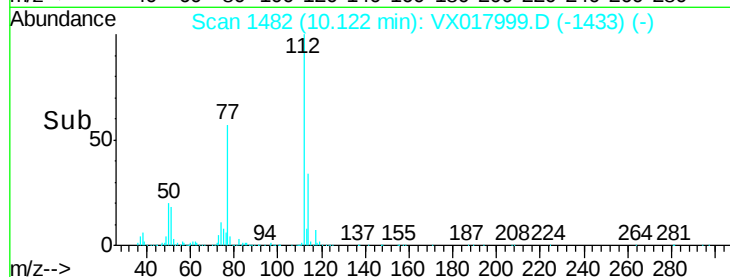
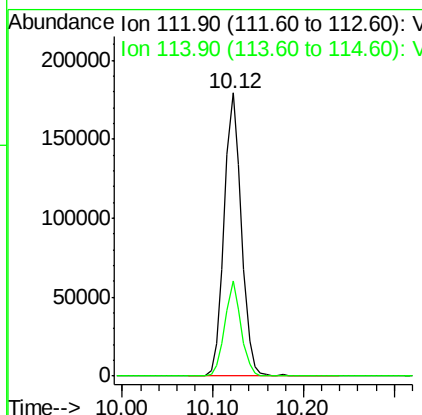
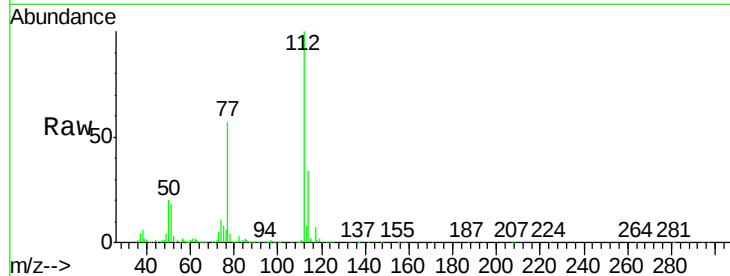
#65
Chlorobenzene
Concen: 18.573 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.0	37.6

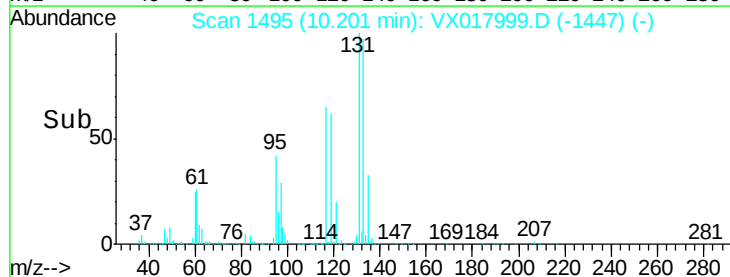
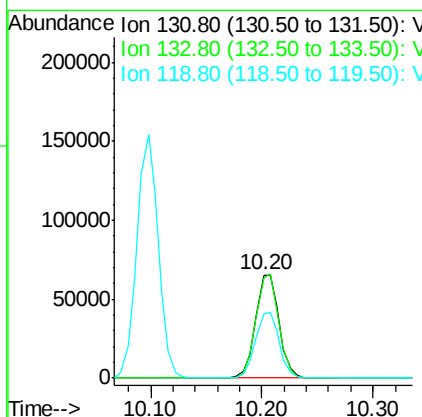
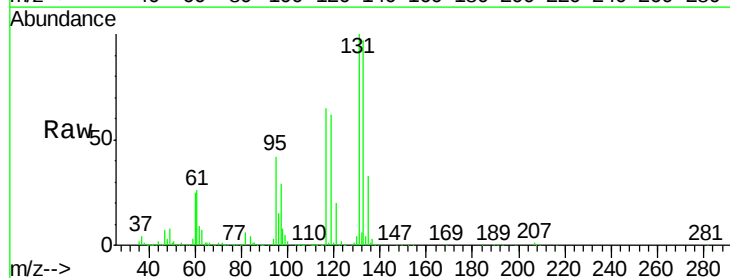
Manual Integrations
APPROVED

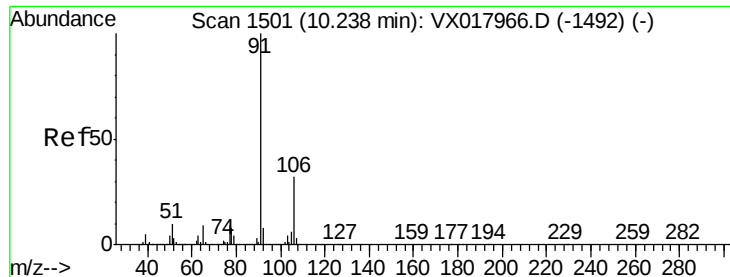
MMDadoda
8/20/2020 9:17:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.777 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.6	48.4	145.3
119	65.0	31.6	94.8





#67

Ethyl Benzene

Concen: 18.267 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion: 91 Resp: 385008

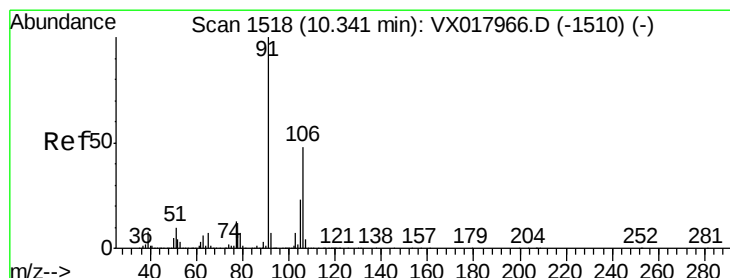
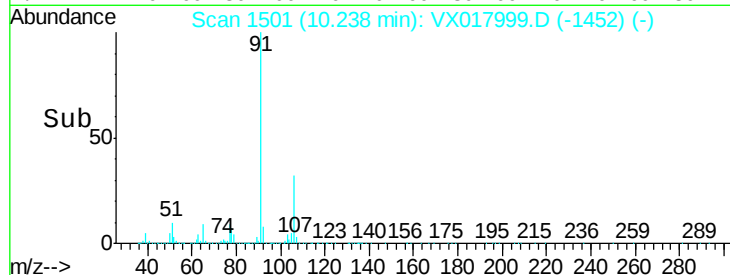
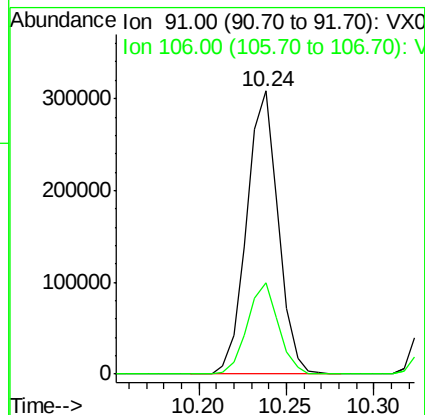
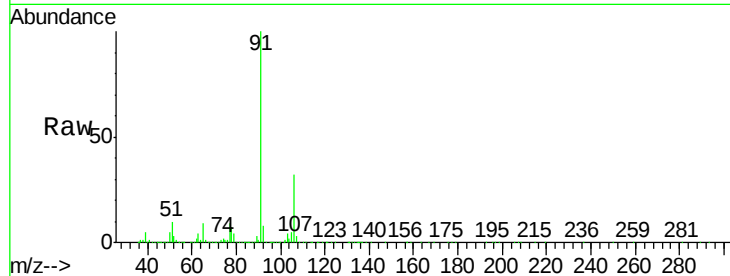
Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#68

m/p-Xylenes

Concen: 38.581 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017999.D

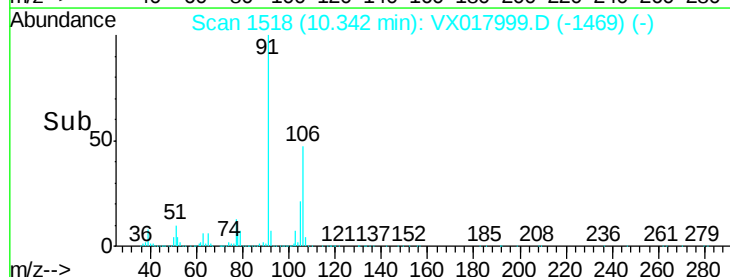
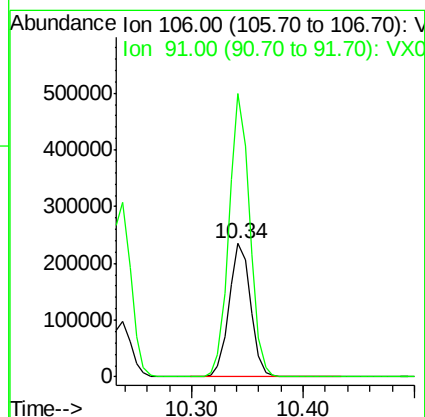
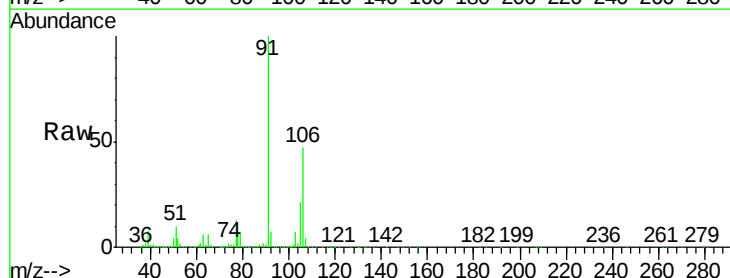
Acq: 19 Aug 2020 22:10

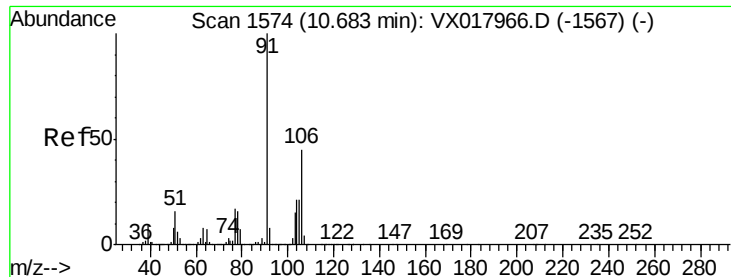
Tgt Ion: 106 Resp: 313056

Ion Ratio Lower Upper

106 100

91 206.0 167.4 251.2





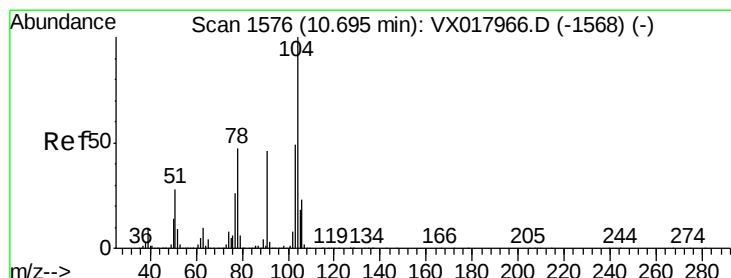
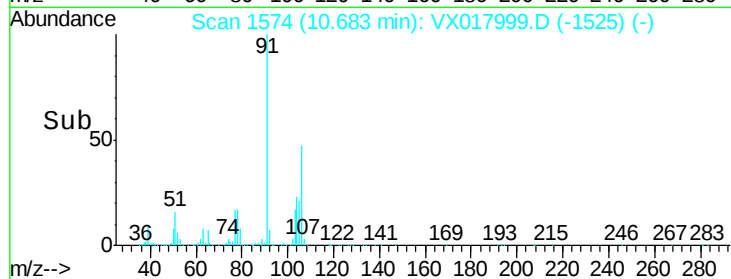
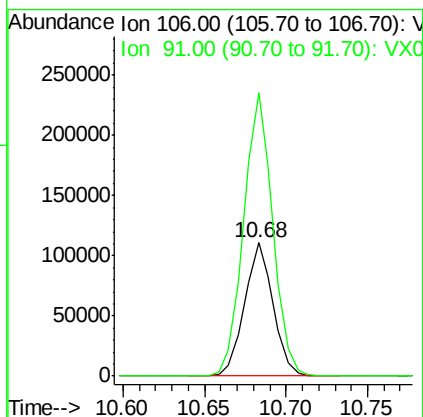
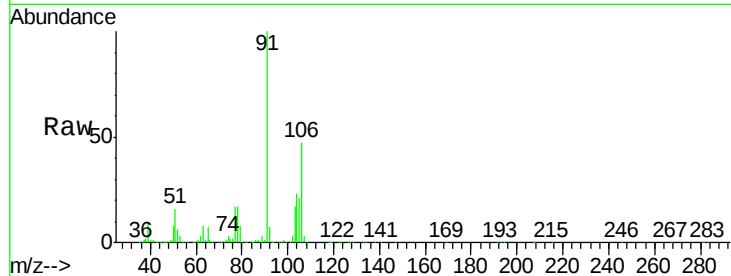
#69
o-Xylene
Concen: 17.368 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		135903		
91	215.2	108.1	324.2		

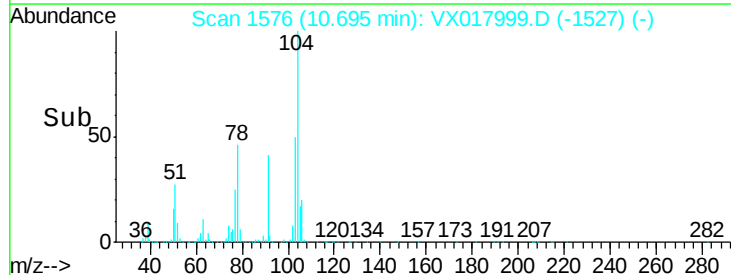
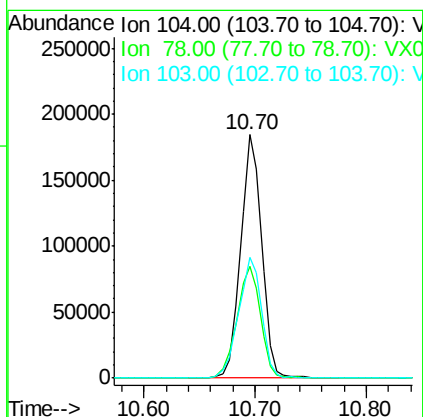
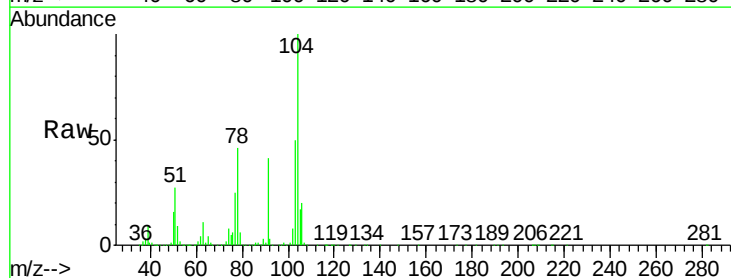
Manual Integrations
APPROVED

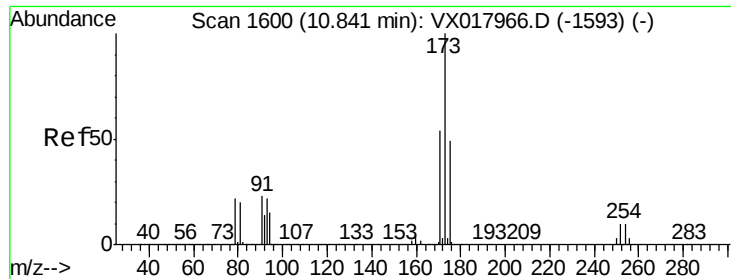
MMDadoda
8/20/2020 9:17:27 AM



#70
Styrene
Concen: 17.881 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		241381		
78	51.9	41.3	61.9		
103	54.4	42.9	64.3		





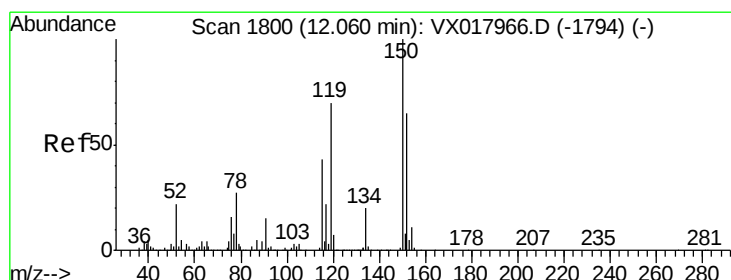
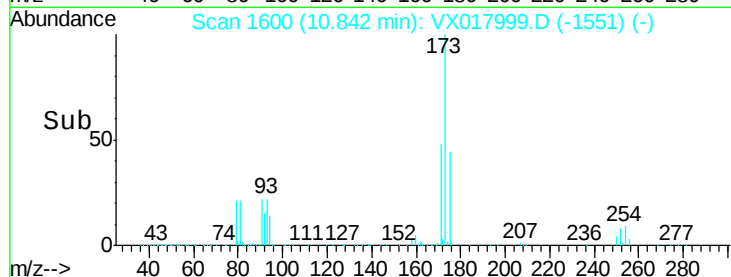
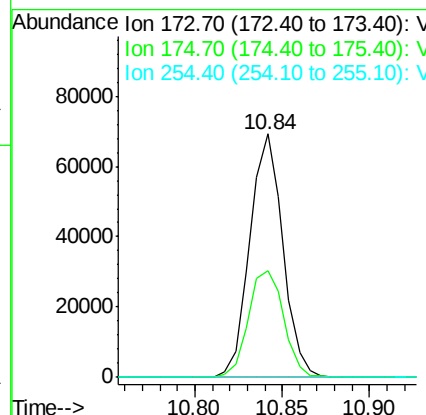
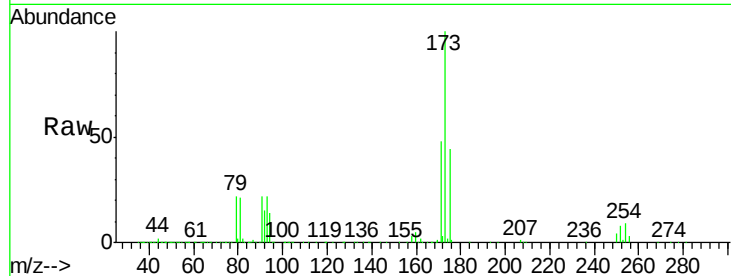
#71
Bromoform
Concen: 18.689 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.4	73.2
254	0.0	0.2	0.2#

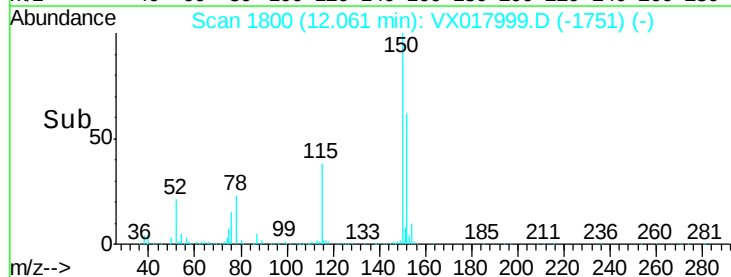
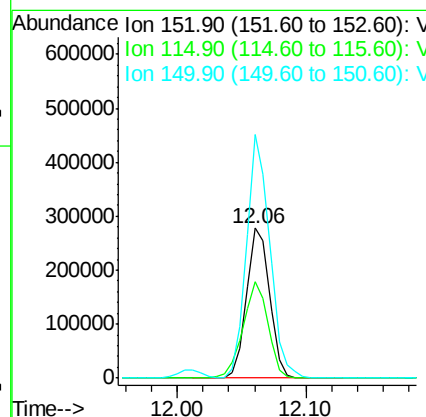
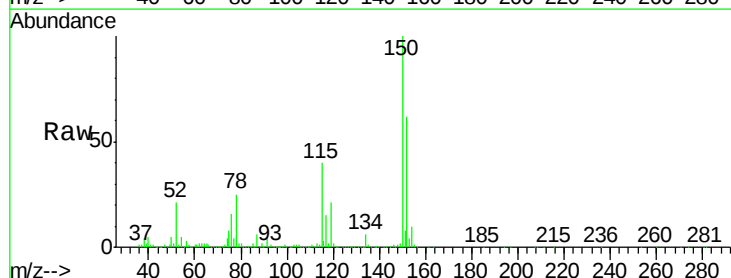
Manual Integrations
APPROVED

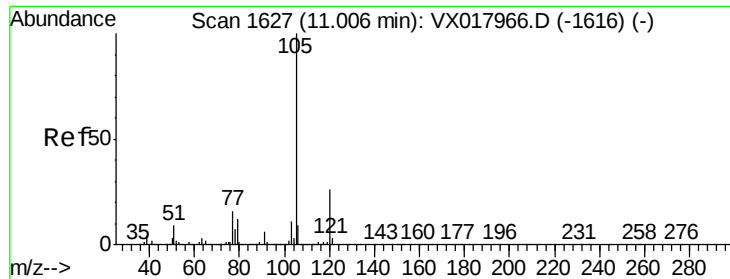
MMDadoda
8/20/2020 9:17:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.5	40.6	121.7
150	164.1	0.0	346.4





#73

Isopropylbenzene

Concen: 19.014 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS02

Tot Ion:105 Resp: 417486

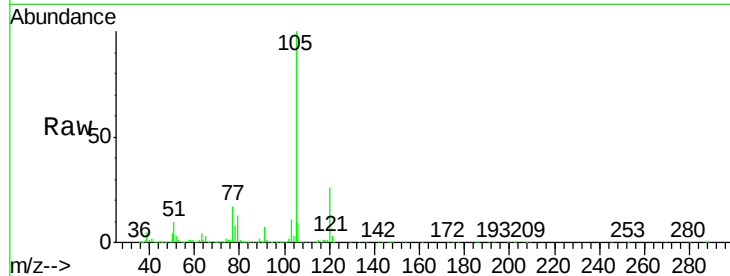
Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4

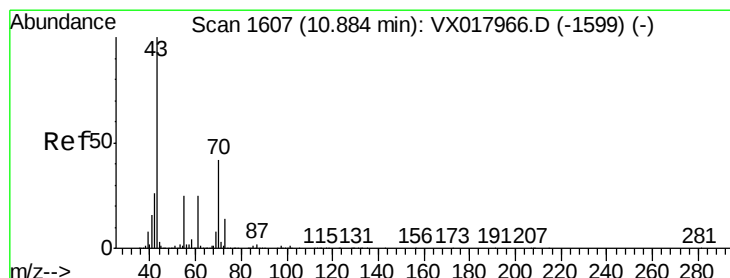
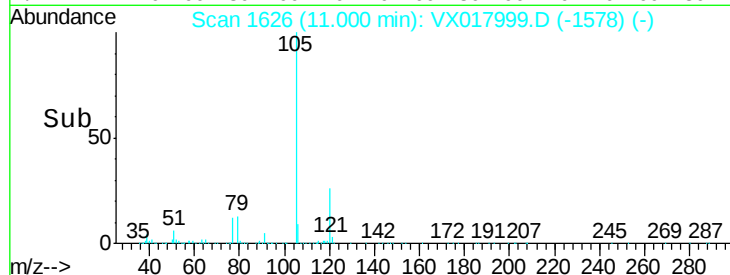
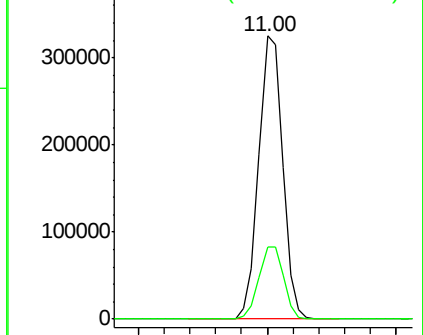
Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.874 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion: 43 Resp: 184329

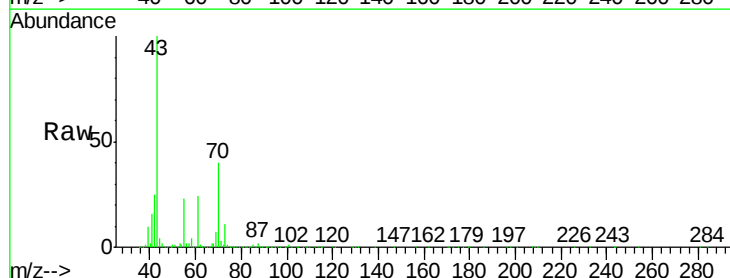
Ion Ratio Lower Upper

43 100

70 40.3 32.9 49.3

55 24.2 19.3 28.9

61 23.9 19.6 29.4

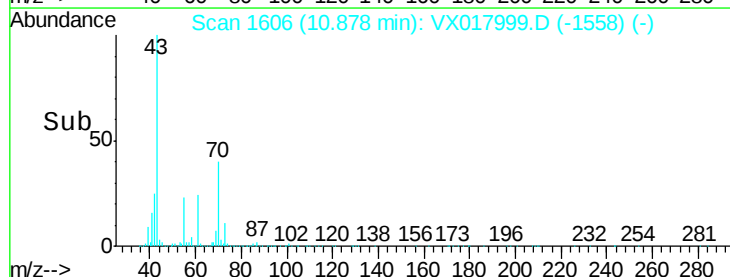
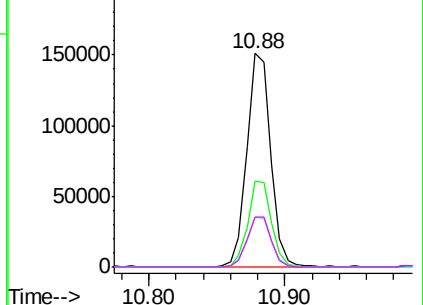


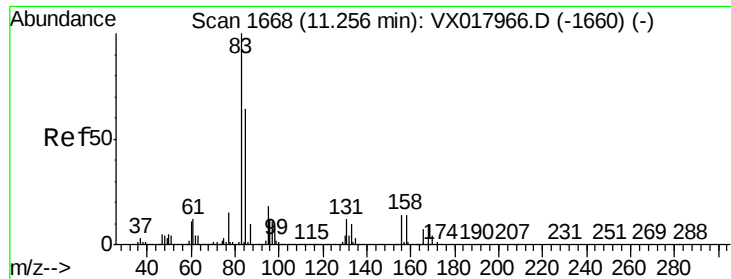
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.569 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

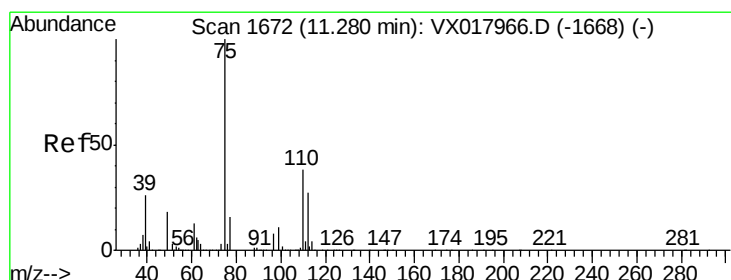
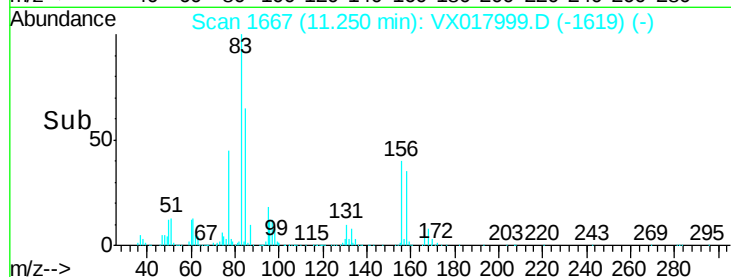
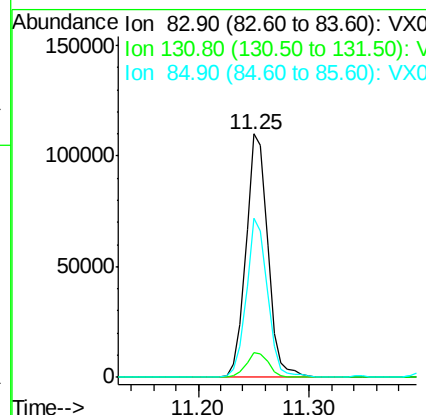
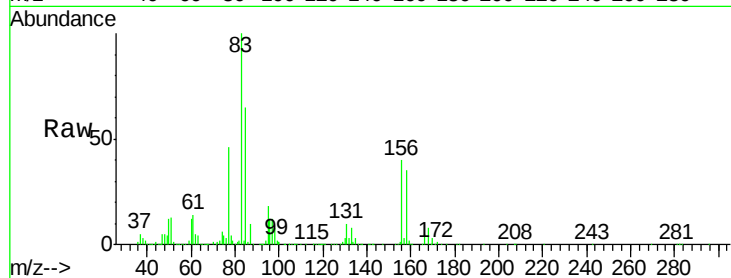
ClientSampleId :

VX0819WBS02

Tot Ion:	83	Resp:	149891
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.7	17.0
85	63.3	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#76

1,2,3-Trichloropropane

Concen: 19.421 ug/l m

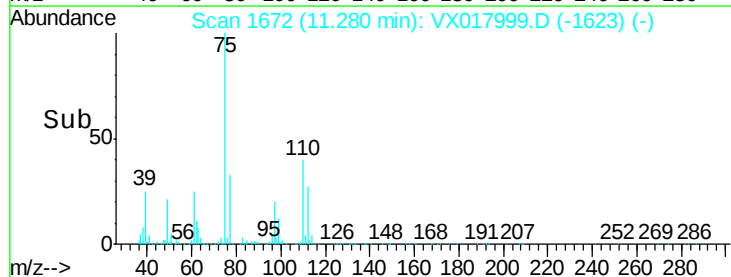
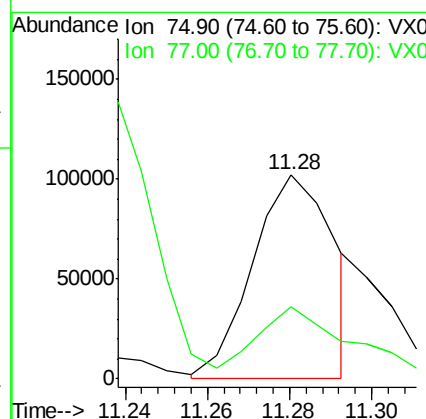
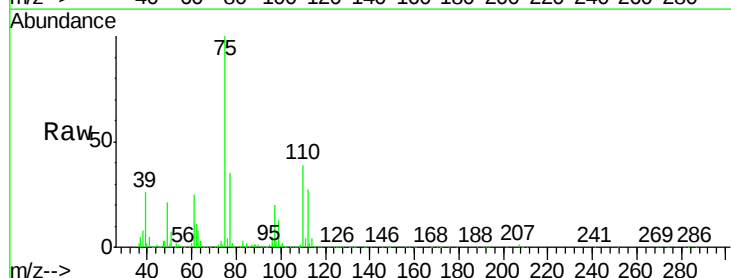
RT: 11.28 min Scan# 1672

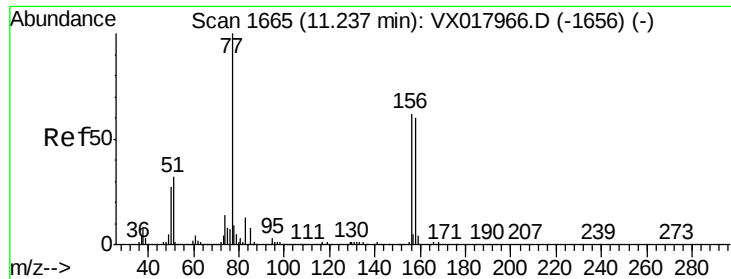
Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion:	75	Resp:	140891
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.1	63.1





#77

Bromobenzene

Concen: 19.202 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Instrument :

MSVOA_X

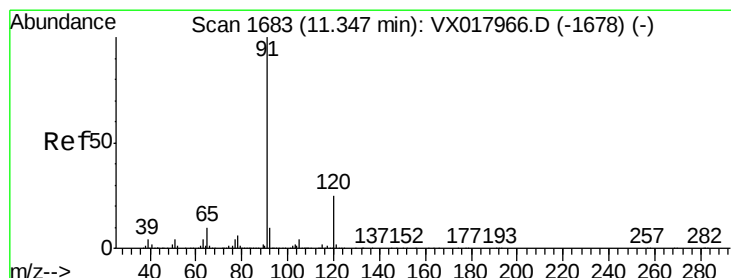
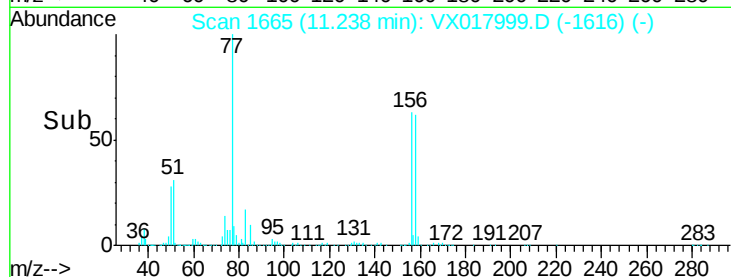
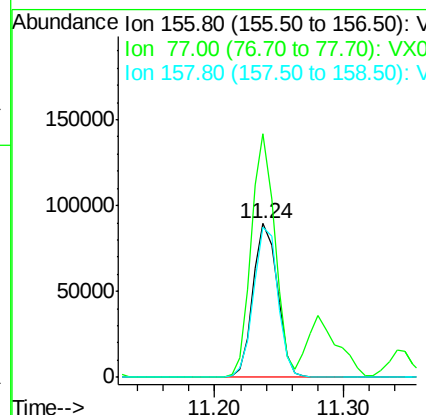
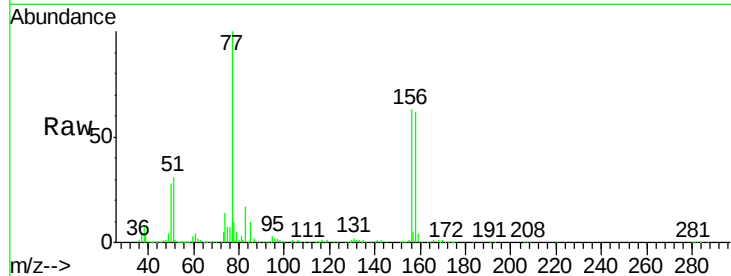
ClientSampleId :

VX0819WBS02

Tot Ion:	156	Resp:	116976
Ion Ratio	Lower	Upper	
156	100		
77	152.9	78.0	234.0
158	96.8	49.2	147.6

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#78

n-propylbenzene

Concen: 18.677 ug/l

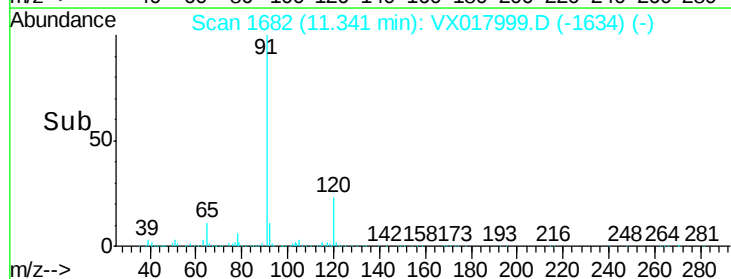
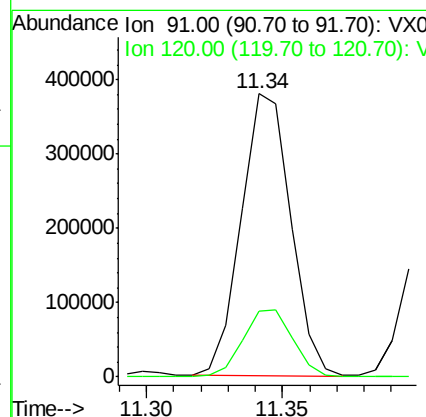
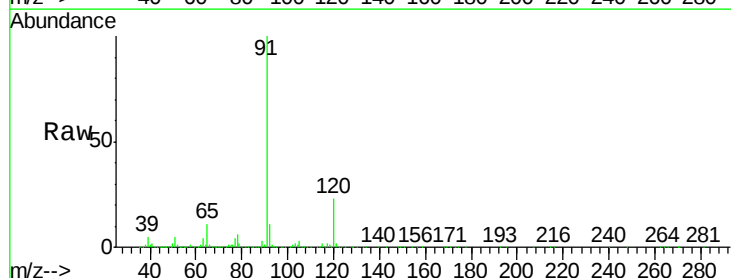
RT: 11.34 min Scan# 1682

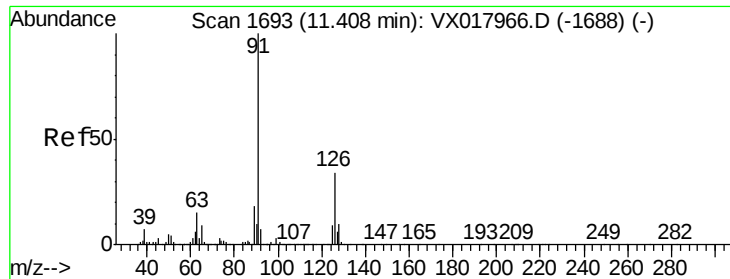
Delta R.T. -0.01 min

Lab File: VX017999.D

Acq: 19 Aug 2020 22:10

Tgt Ion:	91	Resp:	479653
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.1





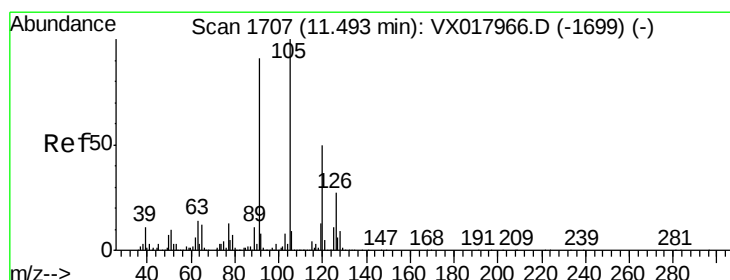
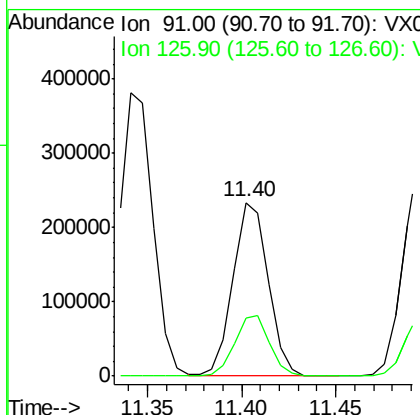
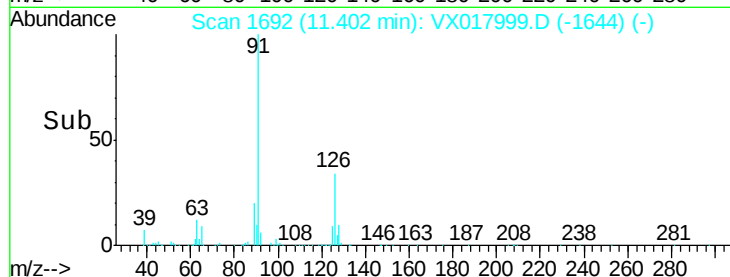
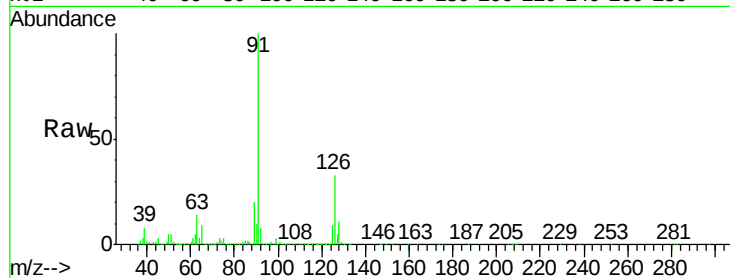
#79
2-Chlorotoluene
Concen: 19.210 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion: 91 Resp: 300648
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

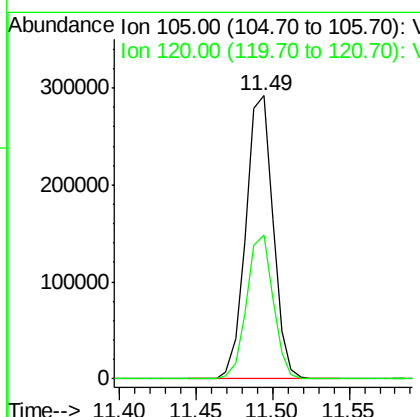
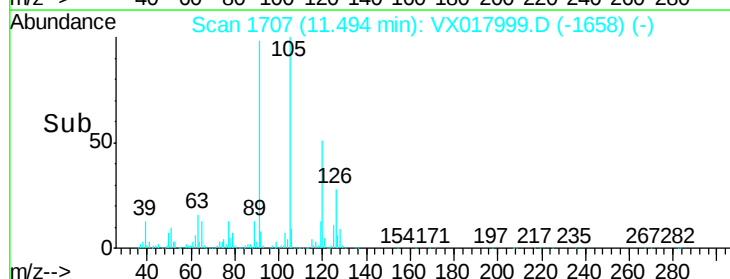
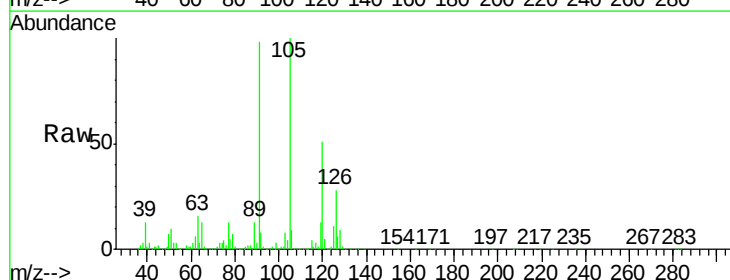
Manual Integrations
APPROVED

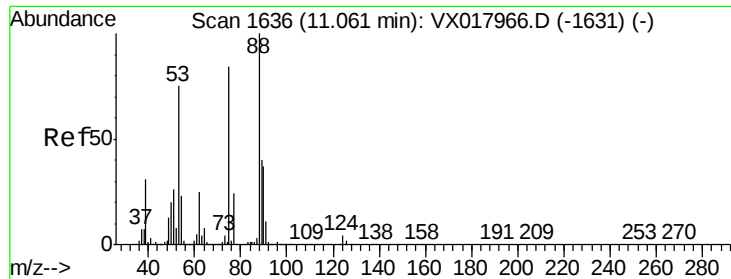
MMDadoda
8/20/2020 9:17:27 AM



#80
1,3,5-Trimethylbenzene
Concen: 18.692 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion: 105 Resp: 360254
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.4





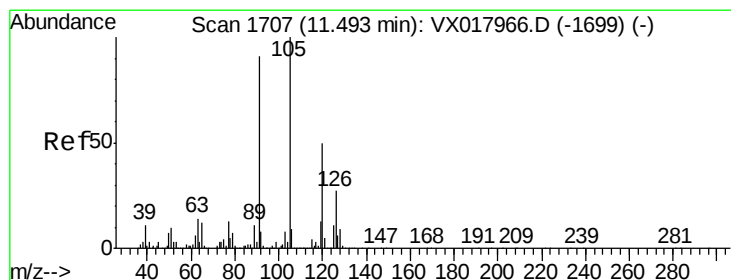
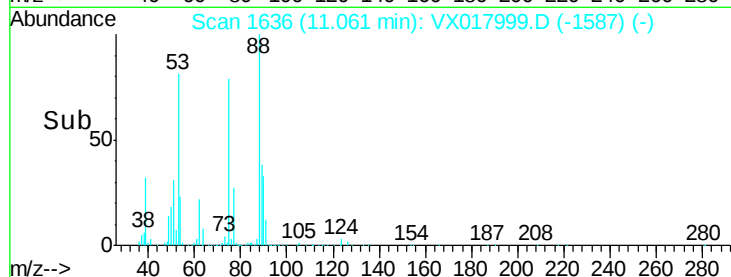
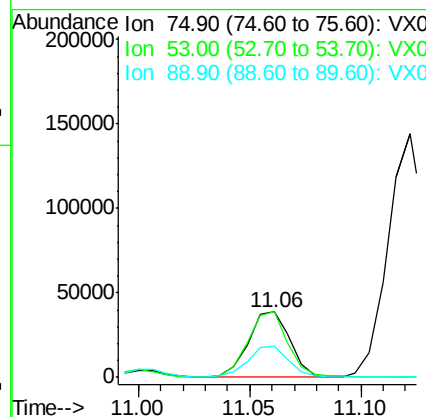
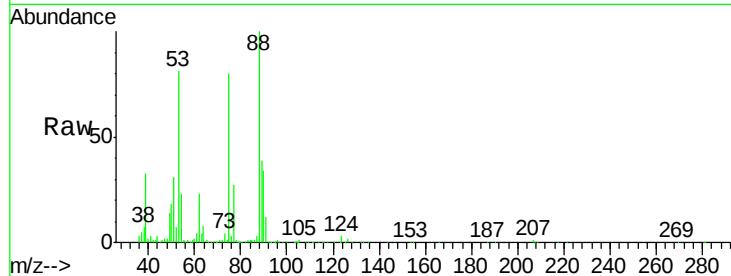
#81
trans-1,4-Dichloro-2-butene
Concen: 18.002 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	75.2	112.8
89	47.5	38.4	57.6

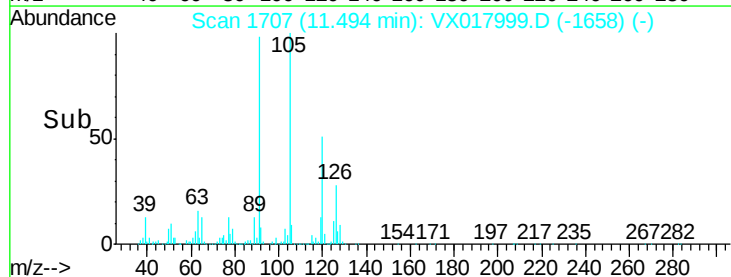
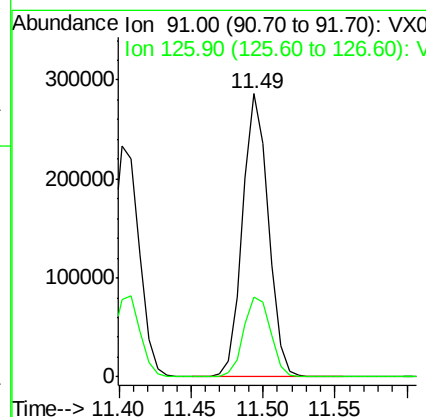
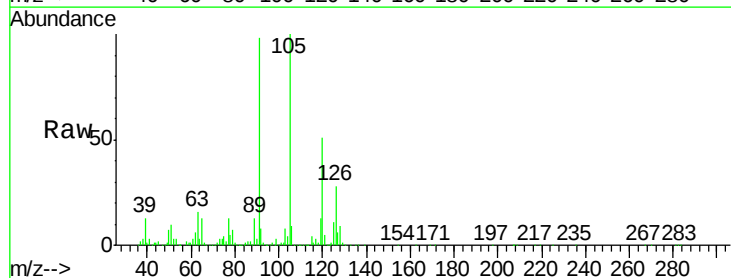
Manual Integrations
APPROVED

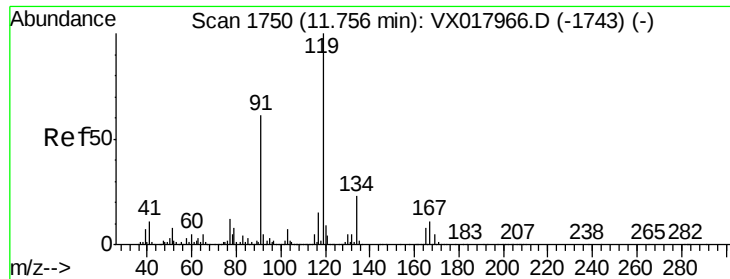
MMDadoda
8/20/2020 9:17:27 AM



#82
4-Chlorotoluene
Concen: 19.406 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	15.0	45.0





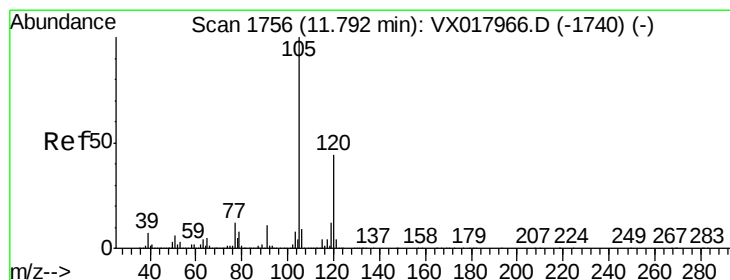
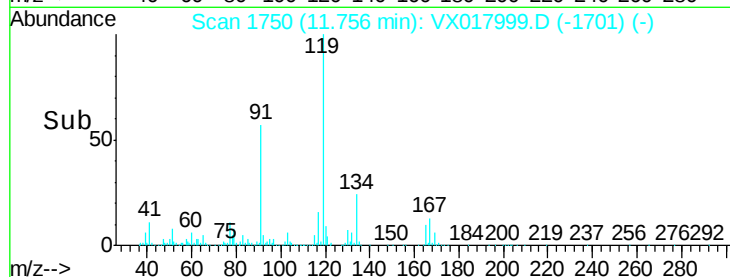
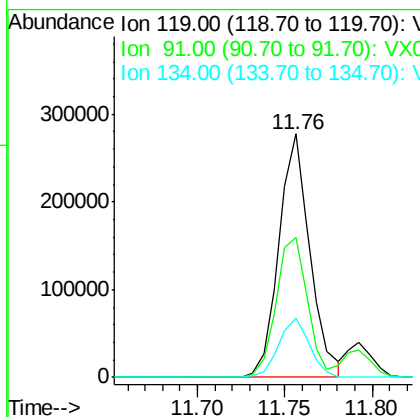
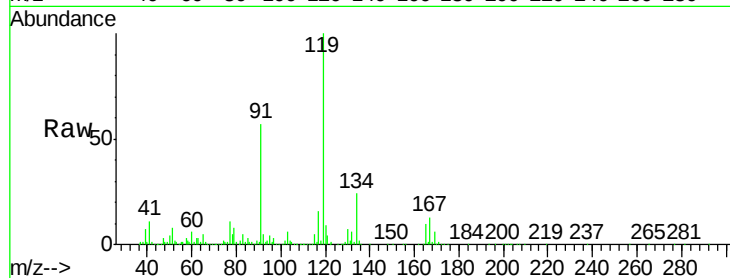
#83
tert-Butylbenzene
Concen: 18.867 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	343410		
91	57.9	30.1	90.5	
134	24.1	11.1	33.1	

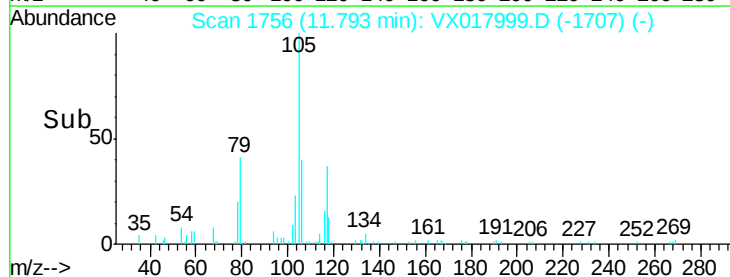
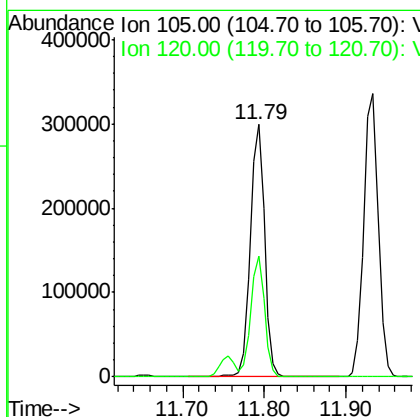
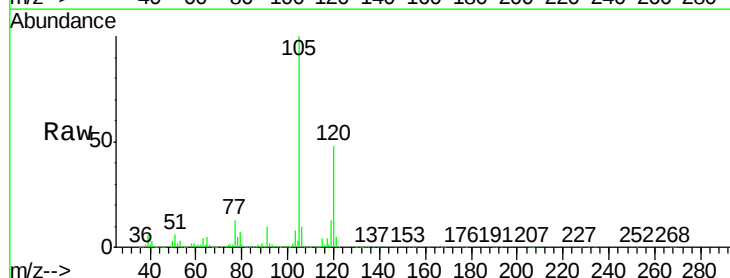
Manual Integrations
APPROVED

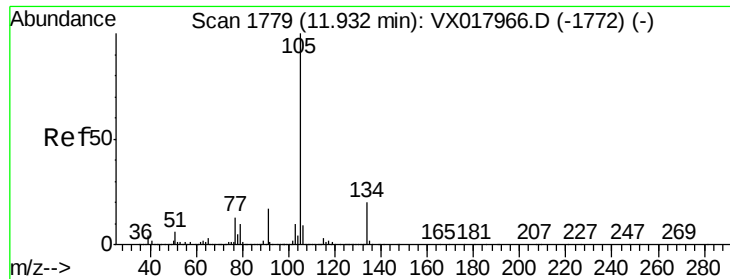
MMDadoda
8/20/2020 9:17:27 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.389 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366920		
120	46.2	22.1	66.1	





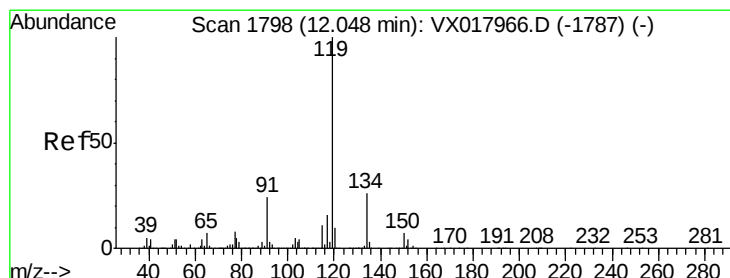
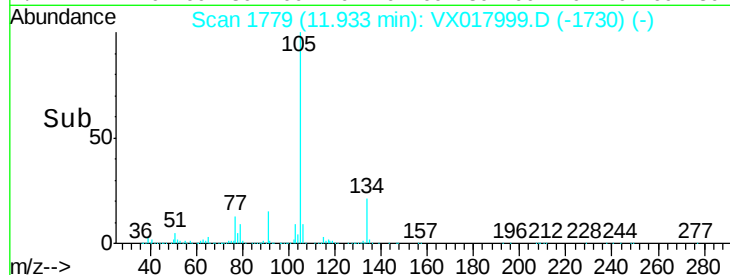
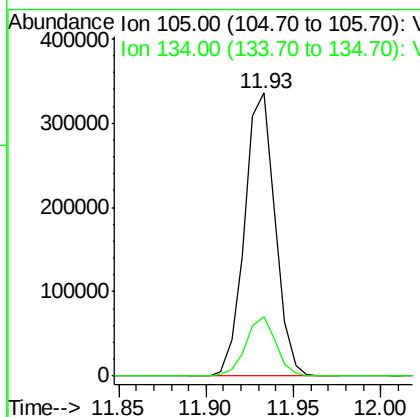
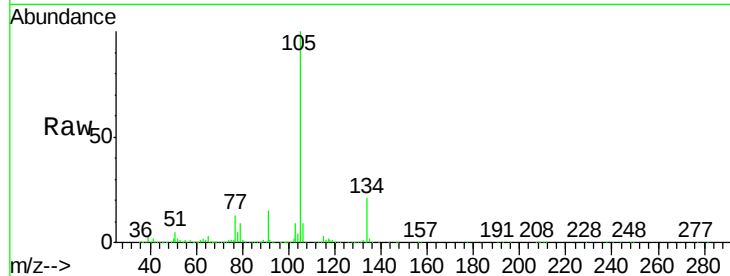
#85
 sec-Butylbenzene
 Concen: 18.529 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	407111		
134	20.5	10.3	30.9	

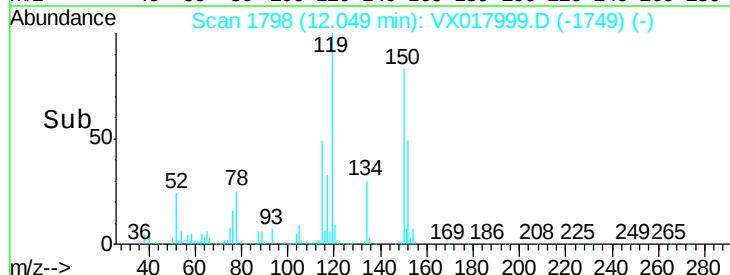
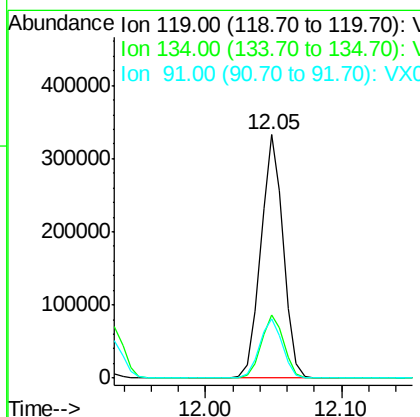
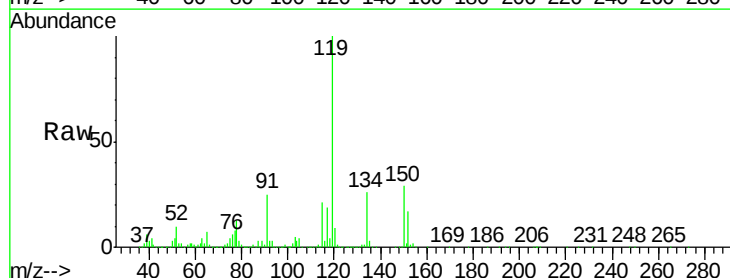
Manual Integrations
 APPROVED

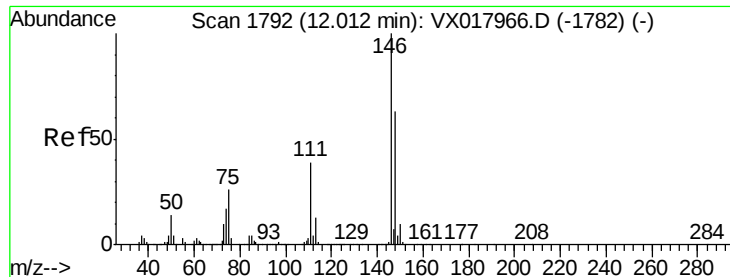
MMDadoda
 8/20/2020 9:17:27 AM



#86
 p-Isopropyltoluene
 Concen: 18.880 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	385890		
134	26.2	12.7	38.0	
91	24.9	12.2	36.4	





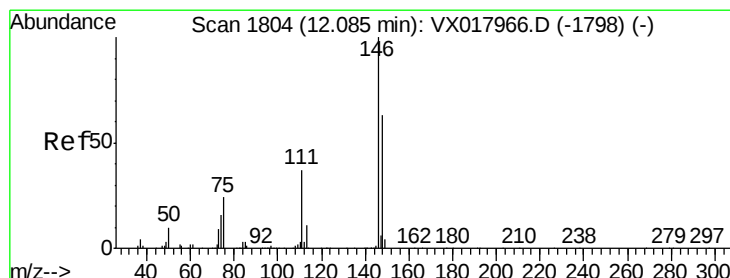
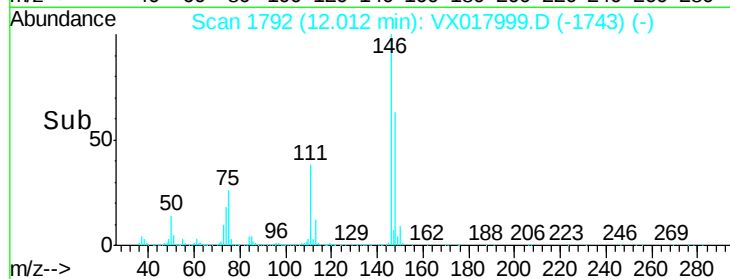
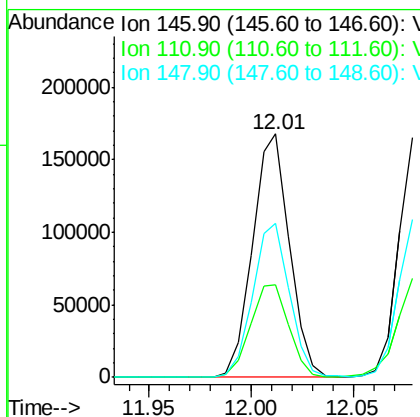
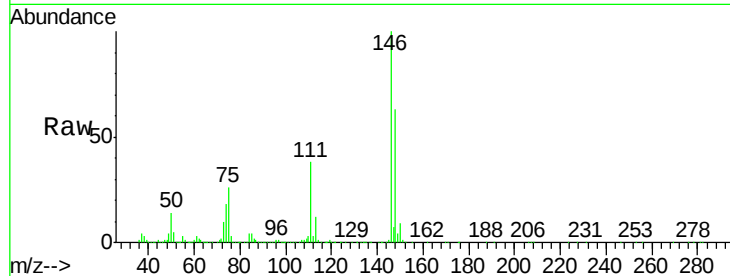
#87
 1,3-Dichlorobenzene
 Concen: 19.062 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.3
148	62.8	31.6	95.0

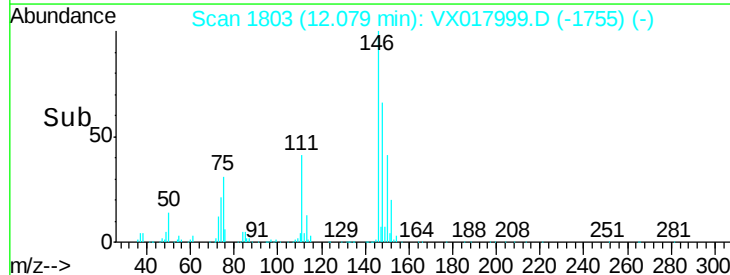
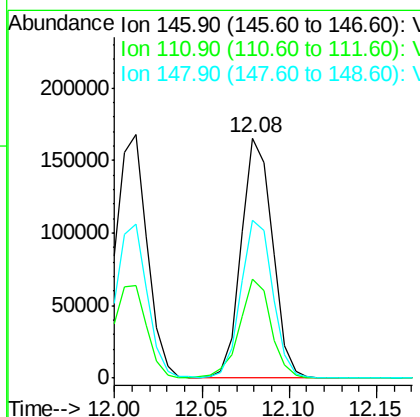
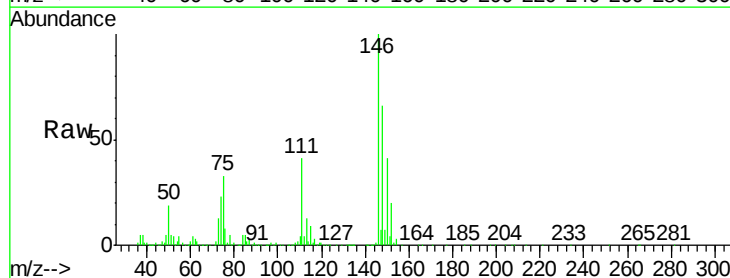
Manual Integrations
 APPROVED

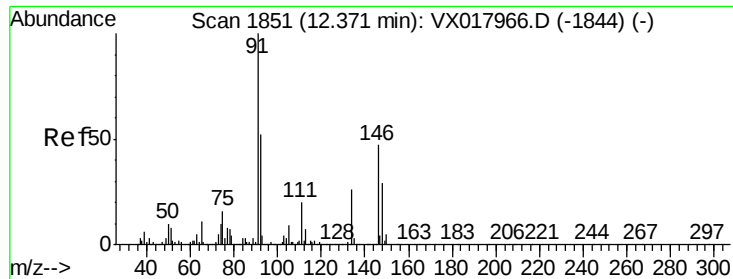
MMDadoda
 8/20/2020 9:17:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.914 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.7	59.1
148	67.1	31.9	95.7





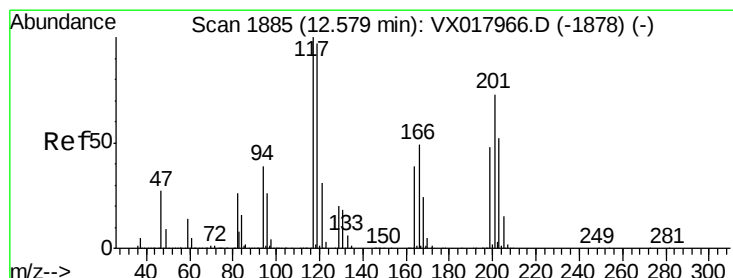
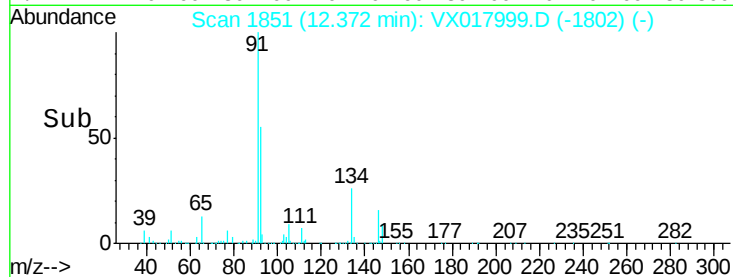
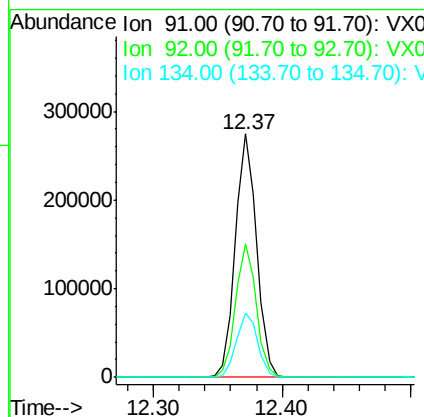
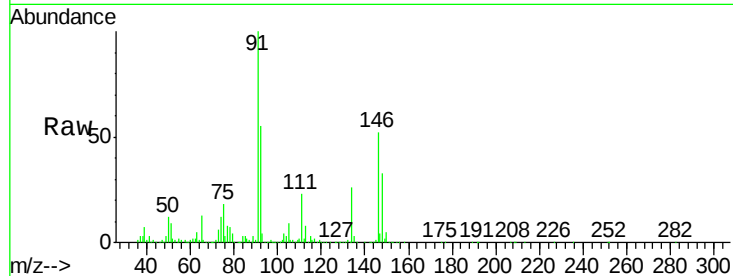
#89
n-Butylbenzene
Concen: 18.804 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	25.7	77.0	
134	26.6	13.4	40.2	

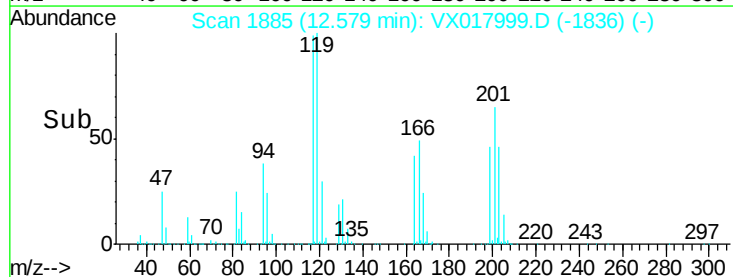
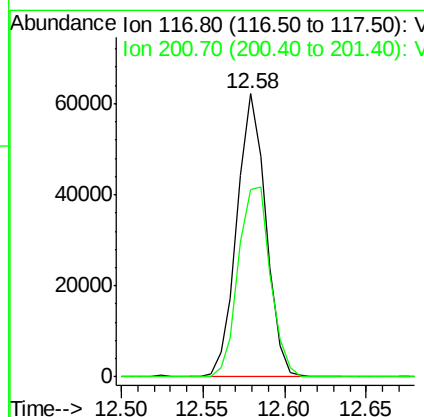
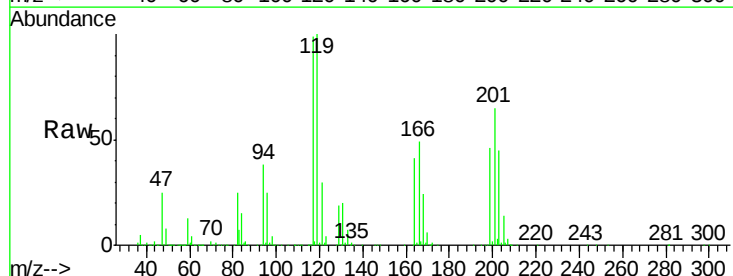
Manual Integrations
APPROVED

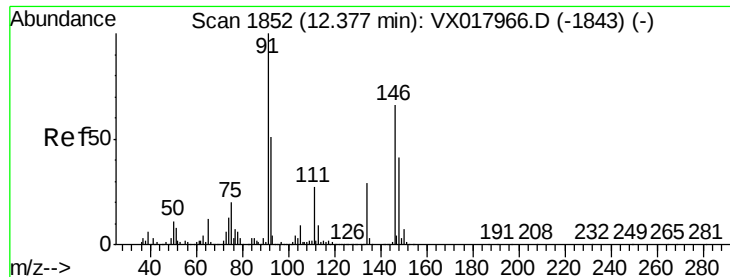
MMDadoda
8/20/2020 9:17:27 AM



#90
Hexachloroethane
Concen: 18.974 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	74.2	40.8	122.2	





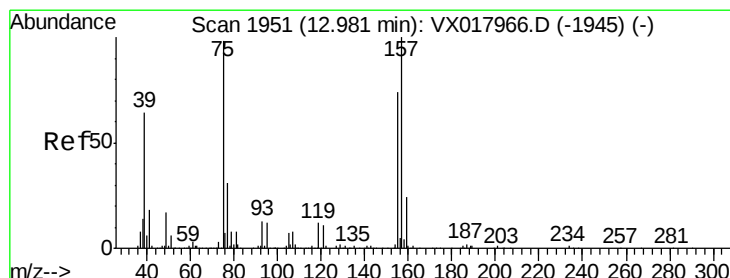
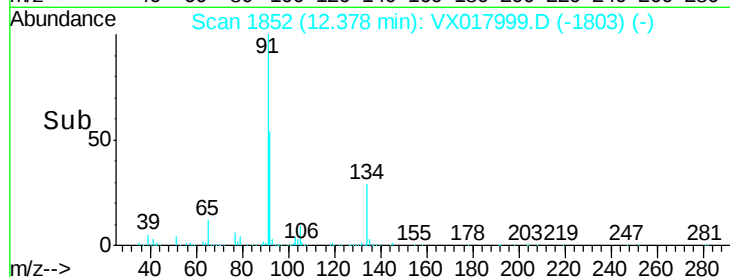
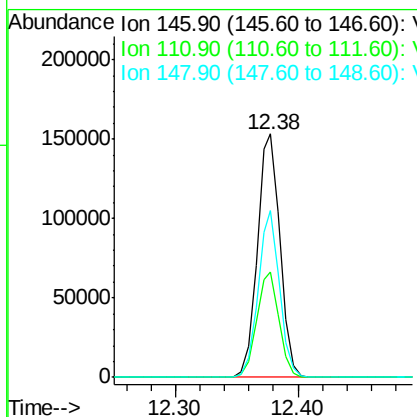
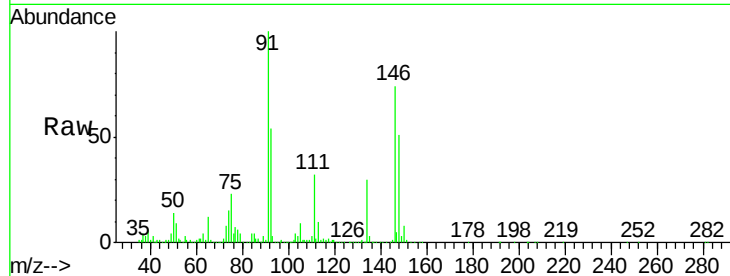
#91
 1,2-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	198575		
111	42.9	20.6	61.9	
148	64.6	31.2	93.6	

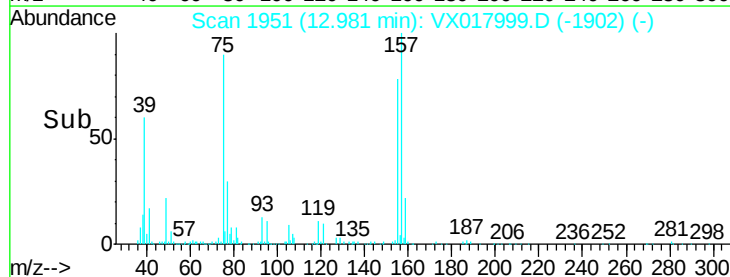
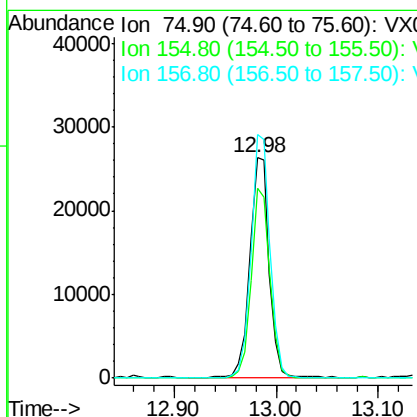
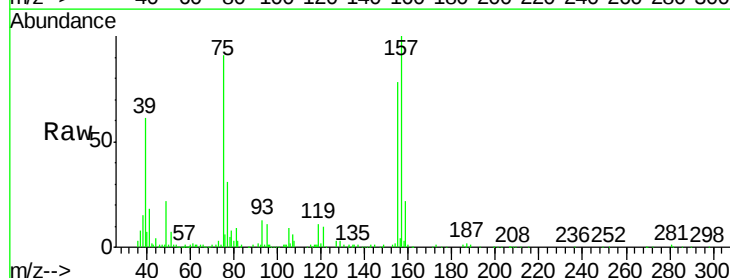
Manual Integrations
 APPROVED

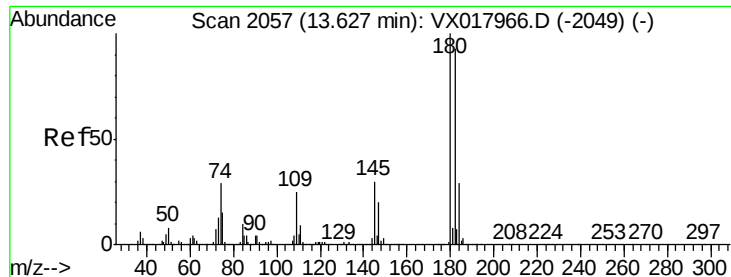
MMDadoda
 8/20/2020 9:17:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.037 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35193		
155	83.1	40.5	121.5	
157	107.5	54.4	163.2	





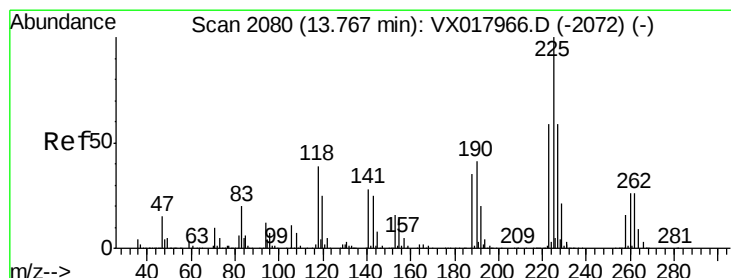
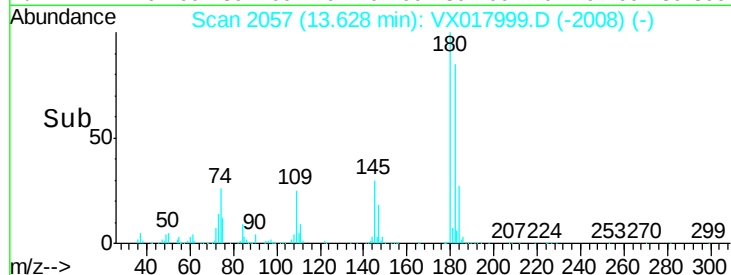
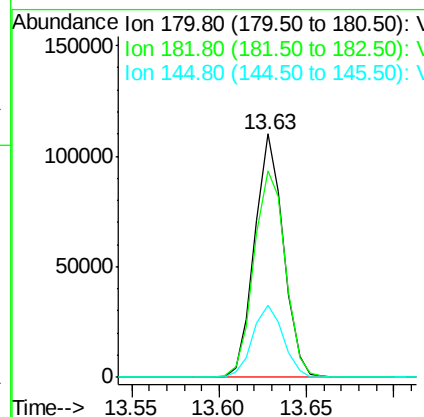
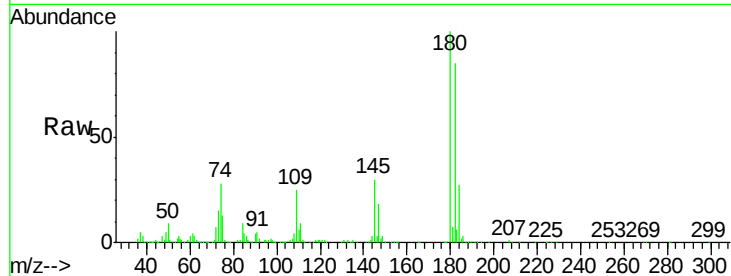
#93
 1,2,4-Trichlorobenzene
 Concen: 18.730 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	126116		
182	92.4	48.8	146.4	
145	31.6	16.0	48.0	

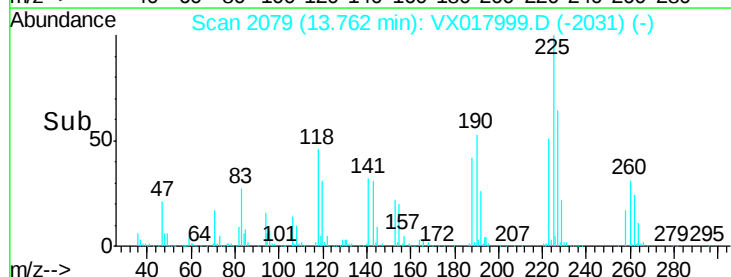
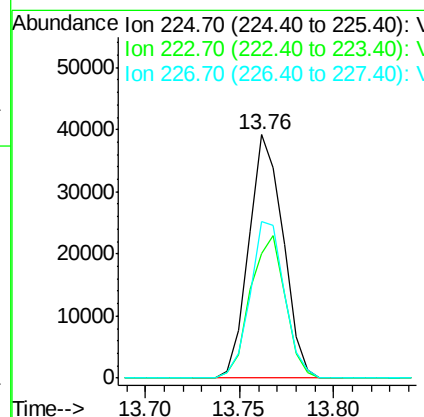
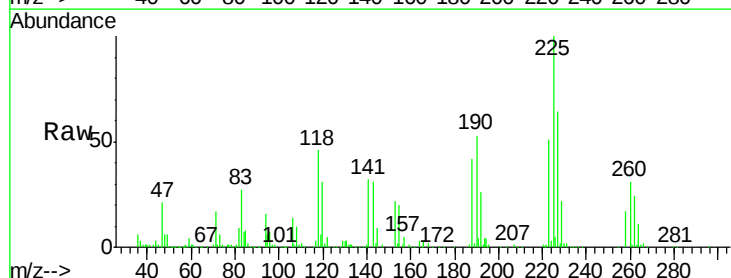
Manual Integrations
 APPROVED

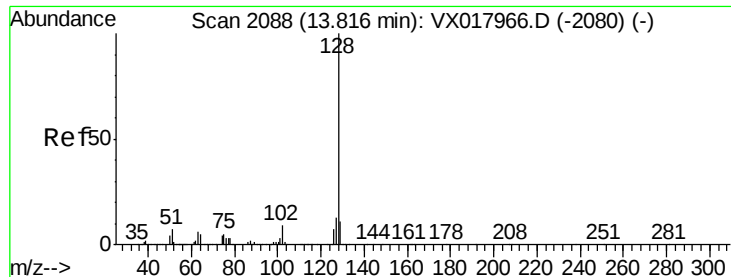
MMDadoda
 8/20/2020 9:17:27 AM



#94
 Hexachlorobutadiene
 Concen: 17.215 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017999.D
 Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49468		
223	59.5	32.1	96.3	
227	64.5	29.8	89.5	





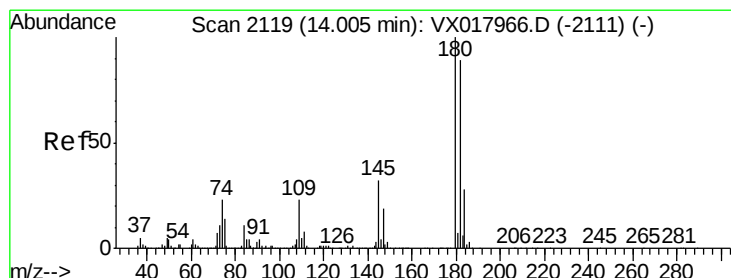
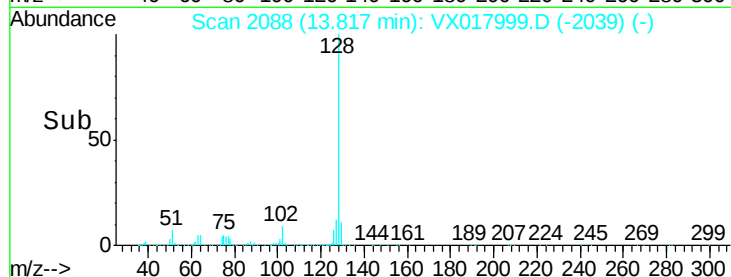
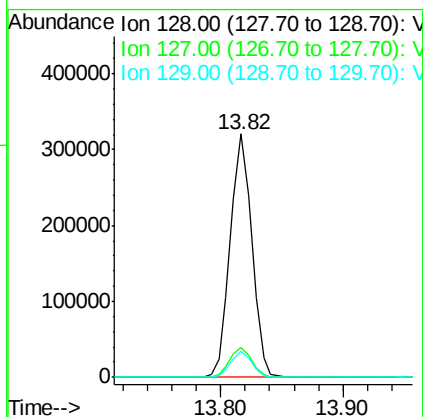
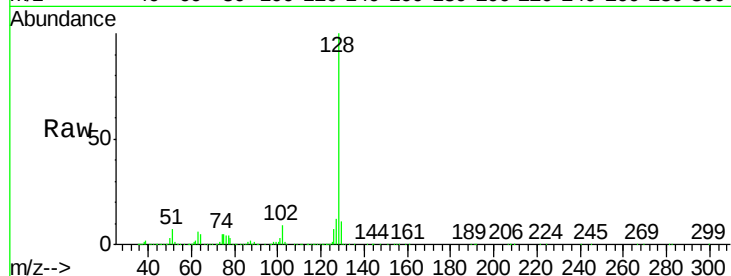
#95
Naphthalene
Concen: 18.422 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.7	16.1
129	10.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/20/2020 9:17:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.484 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017999.D
Acq: 19 Aug 2020 22:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.6	139.8
145	33.3	16.8	50.4

