

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017589.D
 Acq On : 25 Jul 2020 12:35
 Operator : JC/SP
 Sample : VX0724WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD03

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:14 AM

Quant Time: Jul 27 03:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	553280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	847429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	790368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	393612	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	378889	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.47	113	290396	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	1063613	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.12	95	407186	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	111372	21.108	ug/l	96
3) Chloromethane	1.32	50	123571	18.303	ug/l	98
4) Vinyl Chloride	1.39	62	125724	18.058	ug/l	97
5) Bromomethane	1.63	94	87408	21.629	ug/l	100
6) Chloroethane	1.71	64	74174	18.844	ug/l	97
7) Trichlorofluoromethane	1.92	101	202510	18.492	ug/l	100
8) Diethyl Ether	2.17	74	68216	18.352	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109512	18.223	ug/l	98
10) Methyl Iodide	2.49	142	117008	15.219	ug/l	96
11) Tert butyl alcohol	3.02	59	158738	105.975	ug/l	98
12) 1,1-Dichloroethene	2.35	96	108189	18.931	ug/l	97
13) Acrolein	2.28	56	75439	69.019	ug/l	100
14) Allyl chloride	2.71	41	181618	17.405	ug/l	100
15) Acrylonitrile	3.12	53	326373	100.880	ug/l	100
16) Acetone	2.42	43	306875	98.103	ug/l	97
17) Carbon Disulfide	2.55	76	309773	17.834	ug/l	99
18) Methyl Acetate	2.75	43	143980	19.544	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	373898	18.903	ug/l	99
20) Methylene Chloride	2.84	84	123843	20.257	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	114499	18.702	ug/l	97
22) Diisopropyl ether	3.82	45	376610	19.738	ug/l	# 83
23) Vinyl Acetate	3.79	43	1657014	97.401	ug/l	99
24) 1,1-Dichloroethane	3.67	63	214684	19.532	ug/l	98
25) 2-Butanone	4.63	43	479159	107.827	ug/l	98
26) 2,2-Dichloropropane	4.55	77	102174	10.385	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	131789	19.819	ug/l	94
28) Bromochloromethane	4.98	49	95687	19.211	ug/l	99
29) Tetrahydrofuran	5.09	42	300076	109.016	ug/l	99
30) Chloroform	5.18	83	228081	20.309	ug/l	96
31) Cyclohexane	5.55	56	176346	20.120	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	212252	20.042	ug/l	99
36) 1,1-Dichloropropene	5.77	75	162832	20.035	ug/l	100
37) Ethyl Acetate	4.80	43	184494	20.746	ug/l	99
38) Carbon Tetrachloride	5.76	117	192892	19.544	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017589.D
 Acq On : 25 Jul 2020 12:35
 Operator : JC/SP
 Sample : VX0724WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0724WBSD03

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:14 AM

Quant Time: Jul 27 03:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	178543	18.818	ug/l	99
40) Benzene	6.12	78	461730	19.815	ug/l	97
41) Methacrylonitrile	5.01	41	99619	19.543	ug/l	98
42) 1,2-Dichloroethane	6.17	62	192049	20.146	ug/l	98
43) Isopropyl Acetate	6.42	43	293286	19.989	ug/l	100
44) Trichloroethene	7.19	130	141253	20.743	ug/l	97
45) 1,2-Dichloropropane	7.49	63	126151	19.529	ug/l	99
46) Dibromomethane	7.64	93	87879	19.250	ug/l	99
47) Bromodichloromethane	7.88	83	182630	19.883	ug/l	97
48) Methyl methacrylate	7.75	41	143362	19.711	ug/l	98
49) 1,4-Dioxane	7.71	88	66263	475.198	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	915809	104.609	ug/l	99
52) Toluene	8.77	92	298828	19.997	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	178836	17.393	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	191729	18.281	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	124282	19.964	ug/l	99
56) Ethyl methacrylate	9.16	69	182160	19.423	ug/l	99
57) 1,3-Dichloropropane	9.35	76	201639	19.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	457672	92.625	ug/l	100
59) 2-Hexanone	9.48	43	691573	104.923	ug/l	99
60) Dibromochloromethane	9.57	129	151035	19.089	ug/l	100
61) 1,2-Dibromoethane	9.65	107	133653	20.166	ug/l	100
64) Tetrachloroethene	9.32	164	143228	20.191	ug/l	98
65) Chlorobenzene	10.12	112	325933	19.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134121	19.425	ug/l	99
67) Ethyl Benzene	10.24	91	572209	20.037	ug/l	99
68) m/p-Xylenes	10.34	106	430989	38.958	ug/l	96
69) o-Xylene	10.68	106	208300	19.577	ug/l	98
70) Styrene	10.69	104	352438	19.468	ug/l	99
71) Bromoform	10.84	173	116683	19.506	ug/l #	99
73) Isopropylbenzene	11.00	105	558243	20.674	ug/l	99
74) N-amyl acetate	10.88	43	244592	20.387	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	170504	20.230	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	172288m	21.279	ug/l	
77) Bromobenzene	11.24	156	153795	20.345	ug/l	99
78) n-propylbenzene	11.34	91	626773	20.581	ug/l	100
79) 2-Chlorotoluene	11.40	91	372562	19.748	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	447799	19.423	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	53400	16.618	ug/l	99
82) 4-Chlorotoluene	11.49	91	429566	19.303	ug/l	98
83) tert-Butylbenzene	11.76	119	435720	19.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	481039	20.978	ug/l	100
85) sec-Butylbenzene	11.93	105	505075	19.654	ug/l	100
86) p-Isopropyltoluene	12.05	119	475220	19.418	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	261108	20.114	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	257140	19.124	ug/l	98
89) n-Butylbenzene	12.37	91	426867	19.575	ug/l	98
90) Hexachloroethane	12.58	117	97288	20.164	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	258278	20.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42443	19.466	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017589.D
Acq On : 25 Jul 2020 12:35
Operator : JC/SP
Sample : VX0724WBSD03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM

Quant Time: Jul 27 03:03:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	170753	19.610	ug/l	99
94) Hexachlorobutadiene	13.77	225	78058	19.475	ug/l	98
95) Naphthalene	13.82	128	532119	20.471	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	174900	20.343	ug/l	99

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

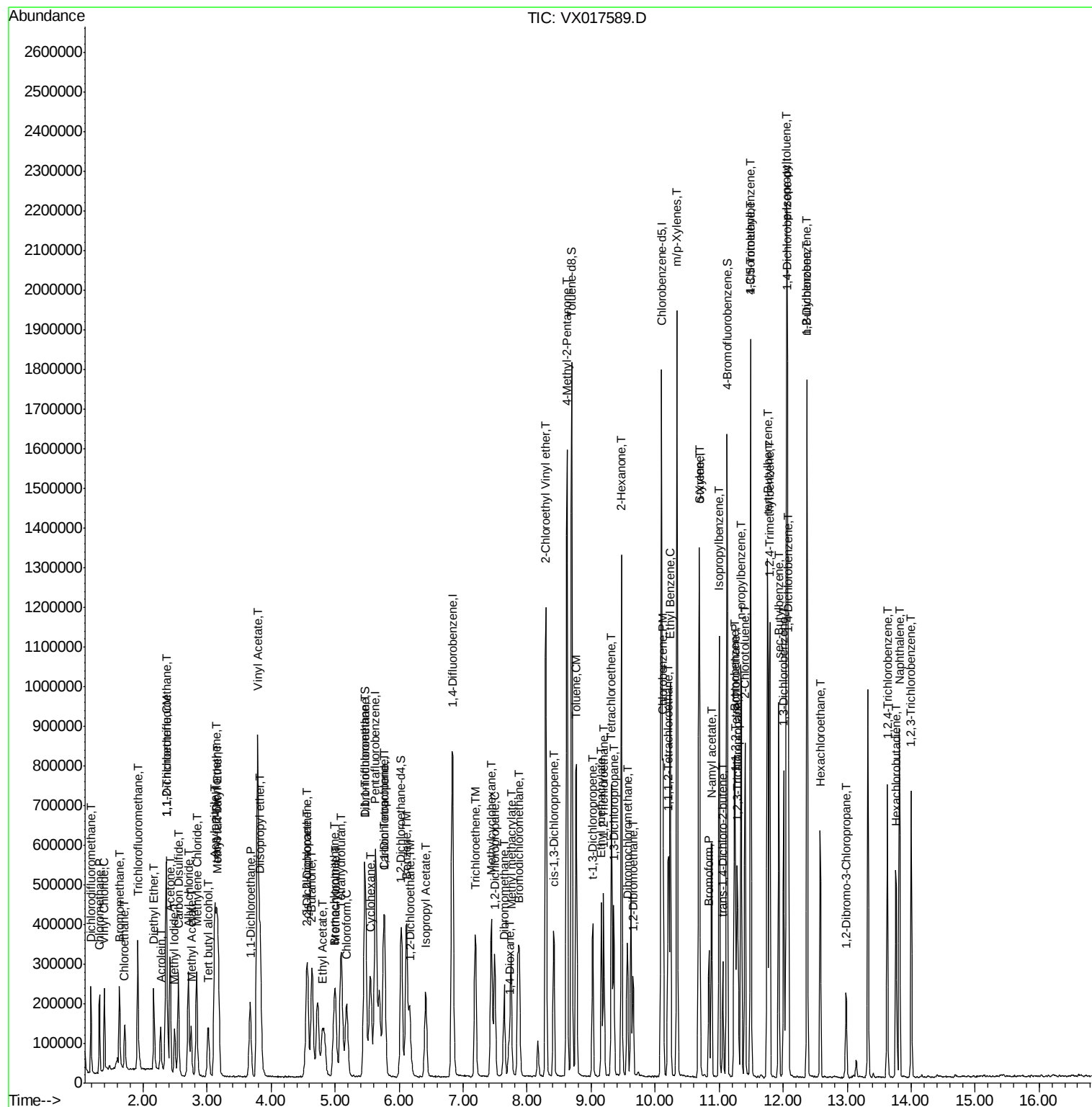
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017589.D
Acq On : 25 Jul 2020 12:35
Operator : JC/SP
Sample : VX0724WBSD03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 63 Sample Multiplier: 1

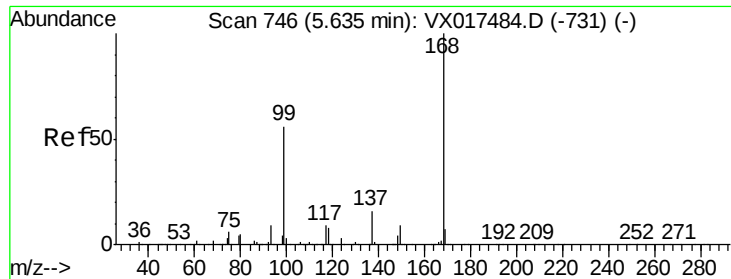
Instrument :
MSVOA_X
ClientSampleID :
VX0724WBSD03

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM

Quant Time: Jul 27 03:03:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 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: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 168 Resp: 553280

Ion Ratio Lower Upper

168 100

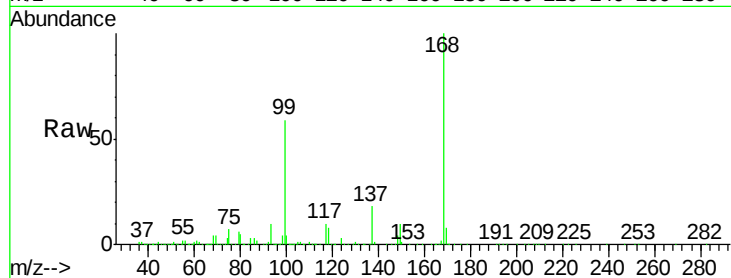
99 58.8 43.4 65.2

Manual Integrations

APPROVED

MMDadoda

7/27/2020 11:02:14 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

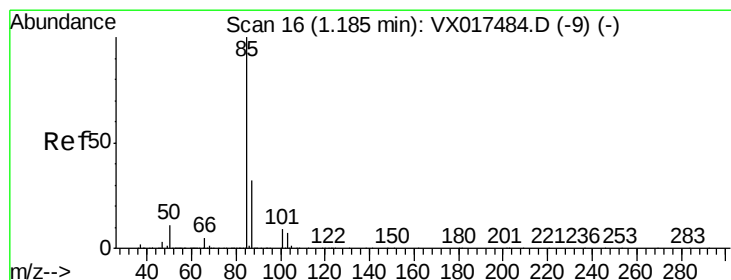
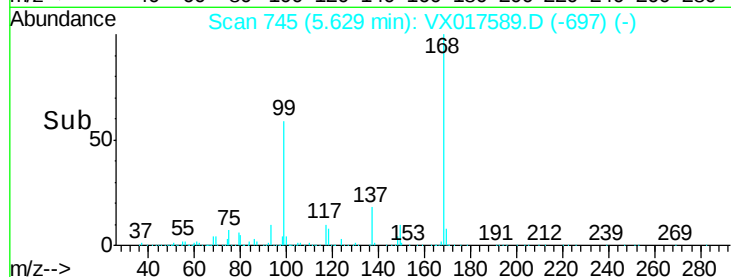
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.108 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017589.D

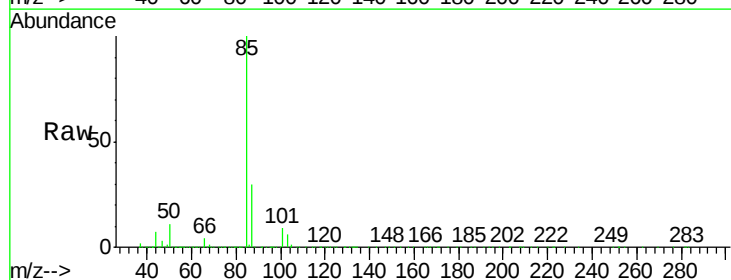
Acq: 25 Jul 2020 12:35

Tgt Ion: 85 Resp: 111372

Ion Ratio Lower Upper

85 100

87 29.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

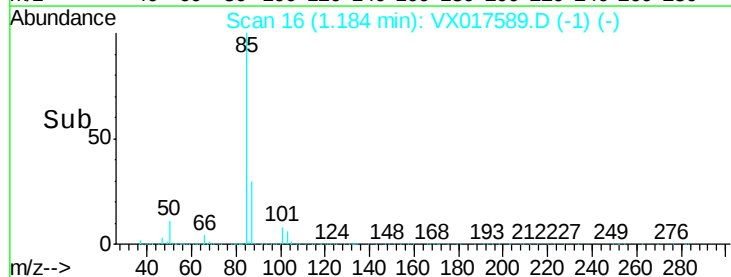
100000

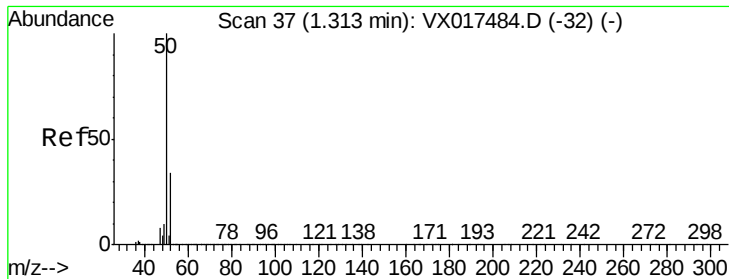
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.303 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 50 Resp: 123571

Ion Ratio Lower Upper

50 100

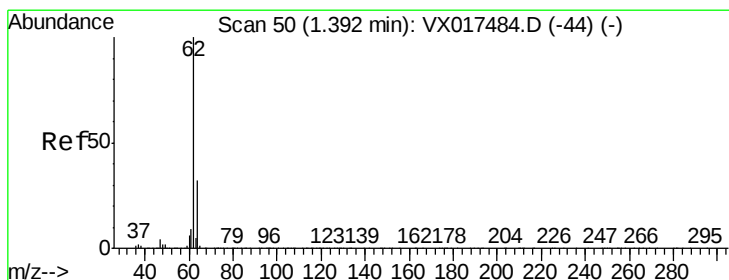
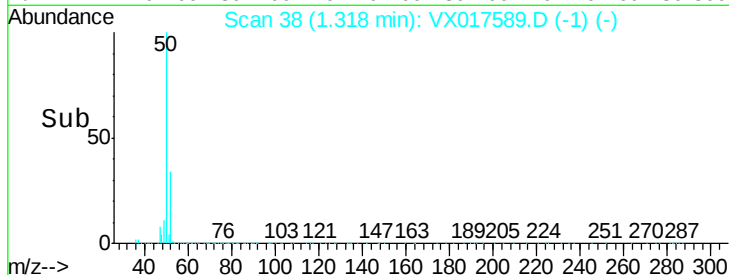
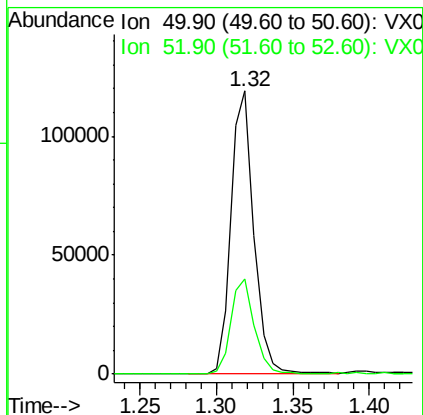
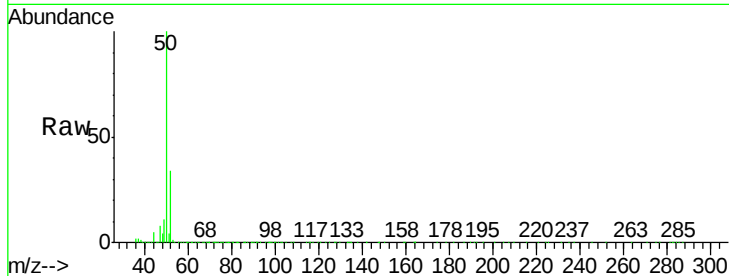
52 33.7 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

7/27/2020 11:02:14 AM



#4

Vinyl Chloride

Concen: 18.058 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017589.D

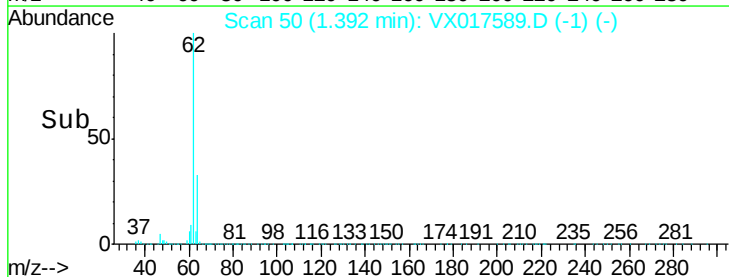
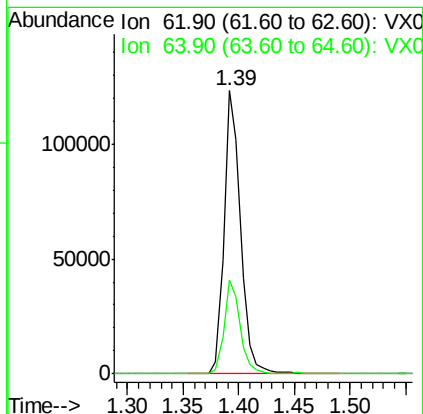
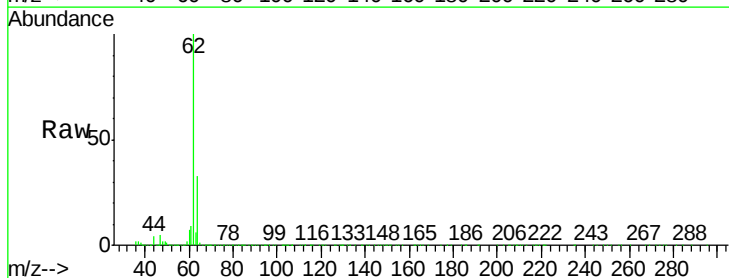
Acq: 25 Jul 2020 12:35

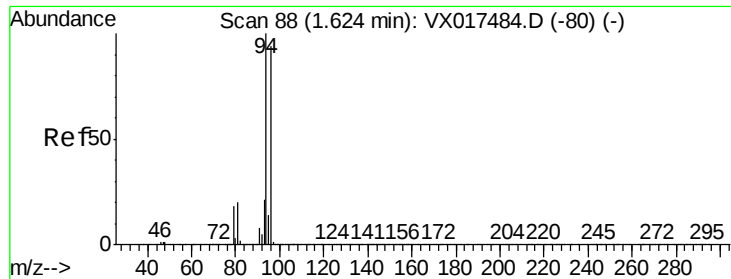
Tgt Ion: 62 Resp: 125724

Ion Ratio Lower Upper

62 100

64 32.9 25.2 37.8





#5

Bromomethane

Concen: 21.629 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 94 Resp: 87408

Ion Ratio Lower Upper

94 100

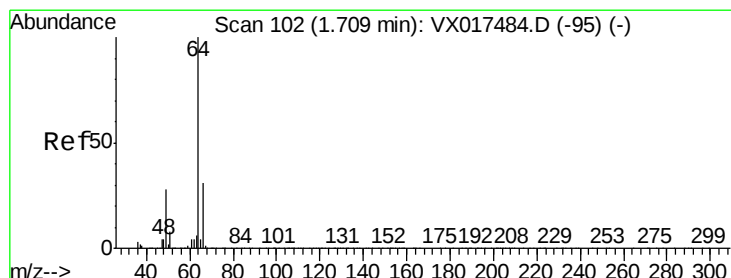
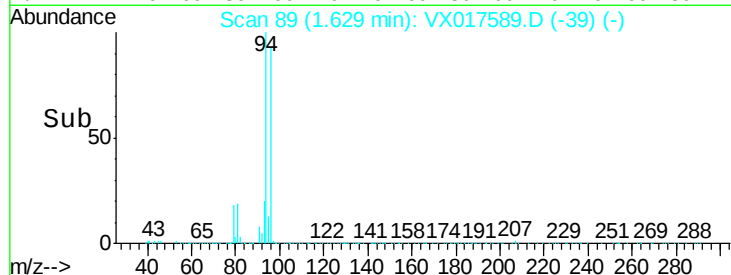
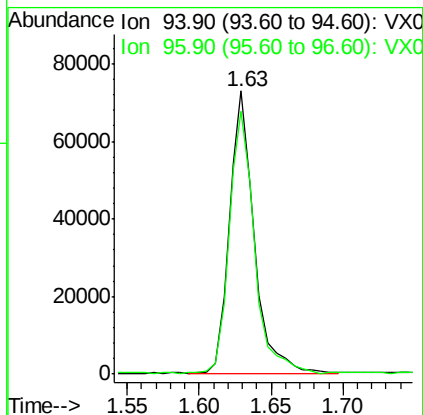
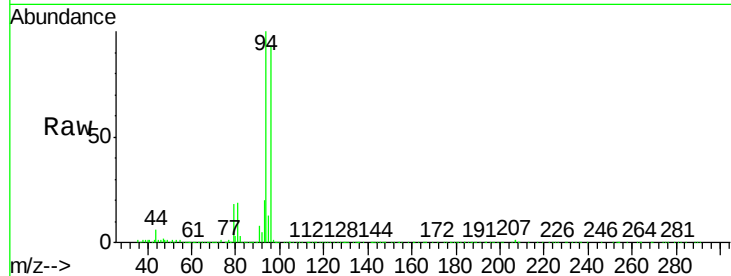
96 92.6 74.1 111.1

Manual Integrations

APPROVED

MMDadoda

7/27/2020 11:02:14 AM



#6

Chloroethane

Concen: 18.844 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017589.D

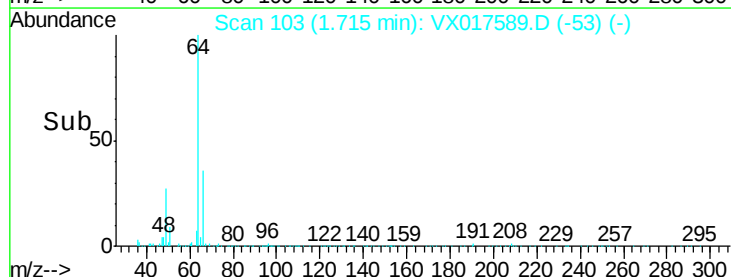
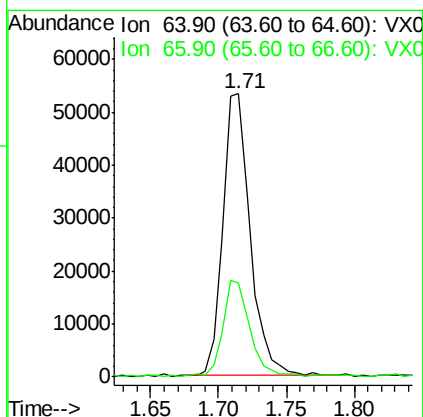
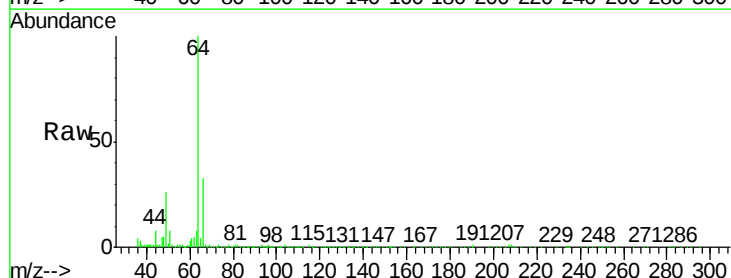
Acq: 25 Jul 2020 12:35

Tgt Ion: 64 Resp: 74174

Ion Ratio Lower Upper

64 100

66 32.7 24.9 37.3





#7

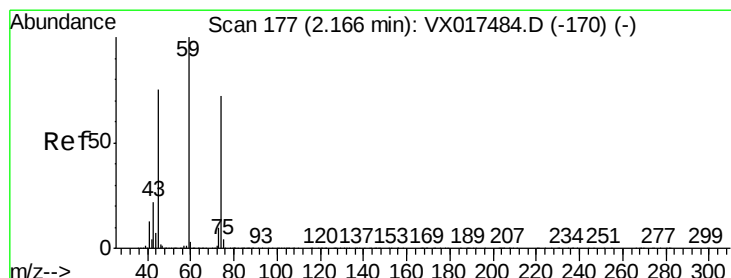
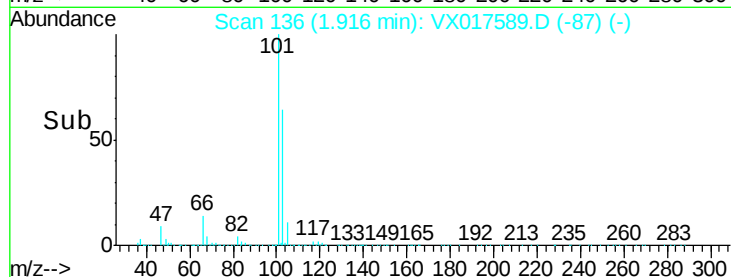
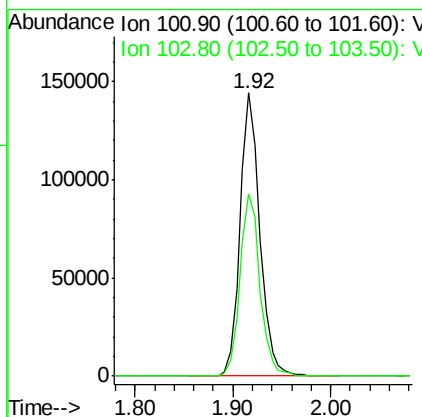
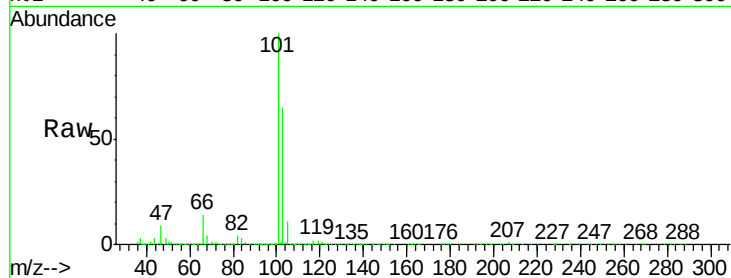
Trichlorofluoromethane
Concen: 18.492 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.8

Manual Integrations
APPROVED

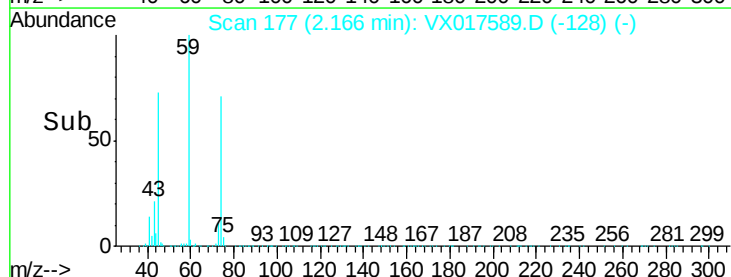
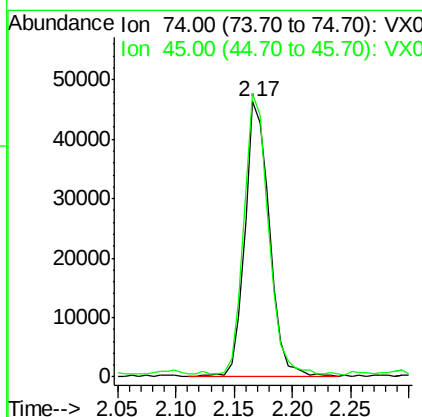
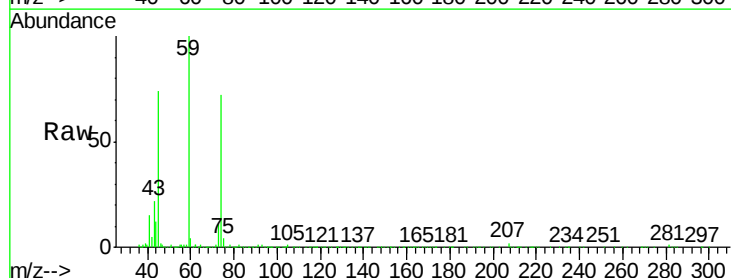
MMDadoda
7/27/2020 11:02:14 AM

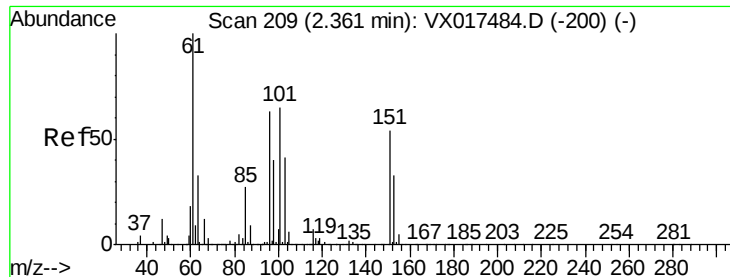


#8

Diethyl Ether
Concen: 18.352 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.223 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

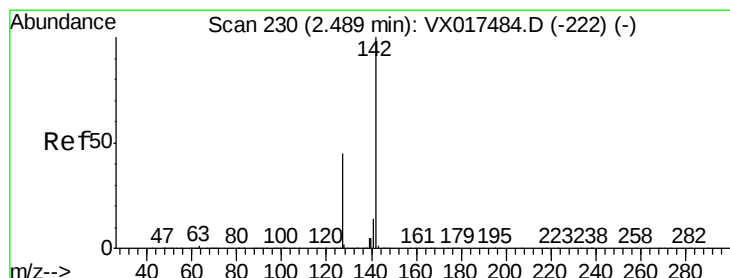
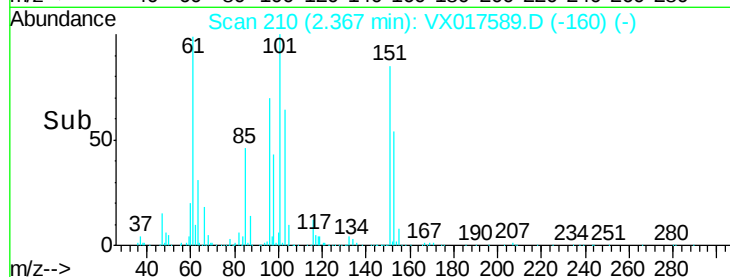
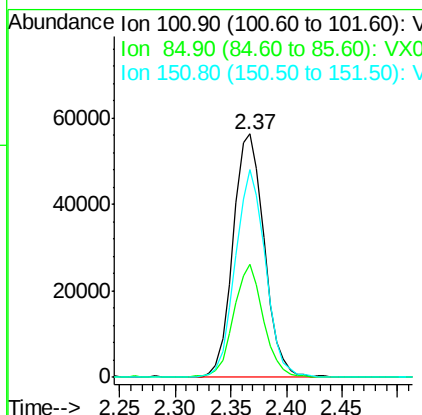
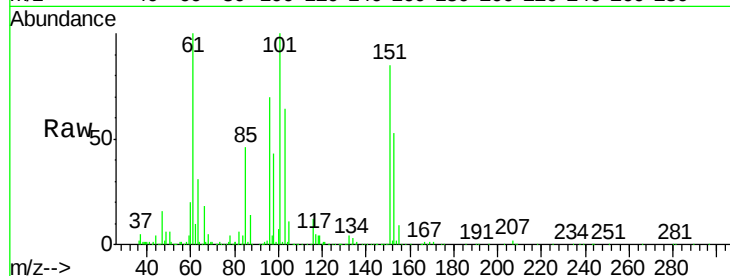
ClientSampleId :

VX0724WBSD03

Tgt Ion:	101	Resp:	109512
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.8	52.2
151	82.6	68.0	102.0

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#10

Methyl Iodide

Concen: 15.219 ug/l

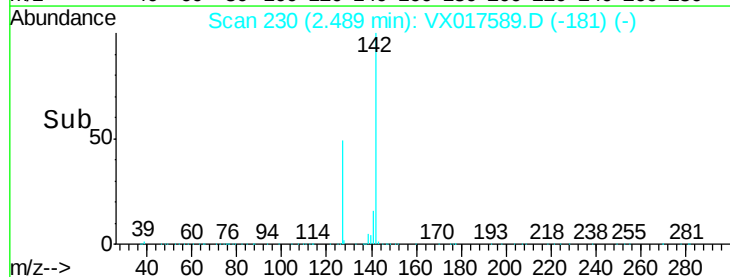
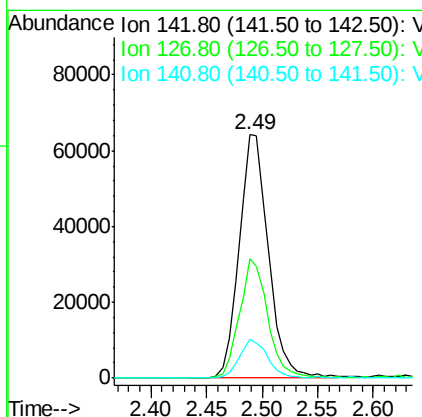
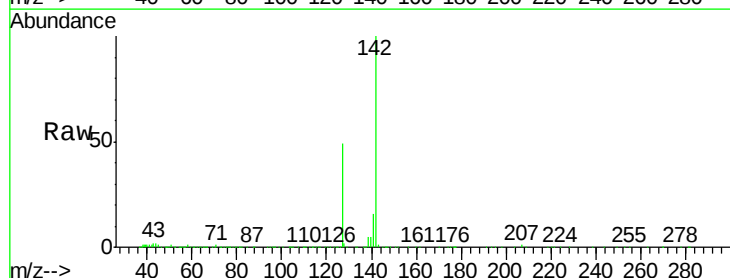
RT: 2.49 min Scan# 230

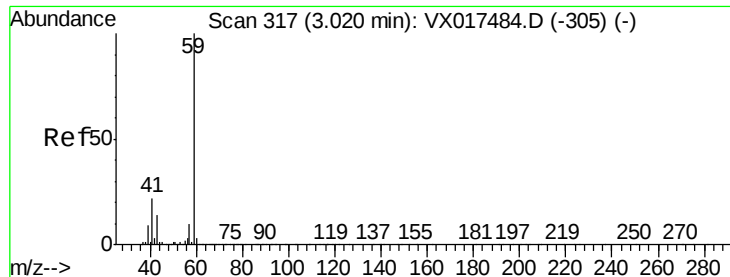
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	142	Resp:	117008
Ion Ratio	Lower	Upper	
142	100		
127	47.8	35.9	53.9
141	15.4	11.4	17.0





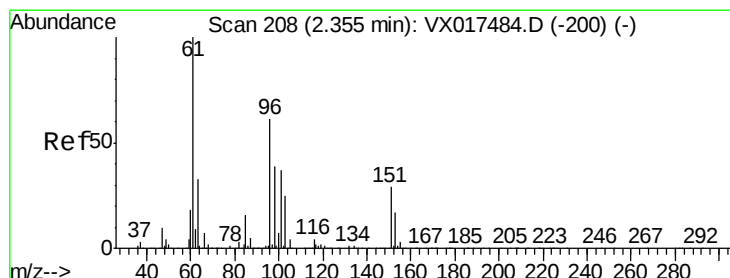
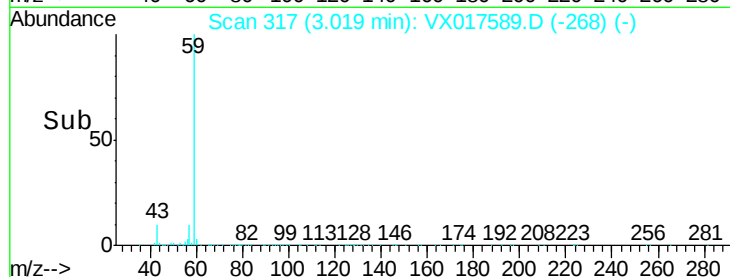
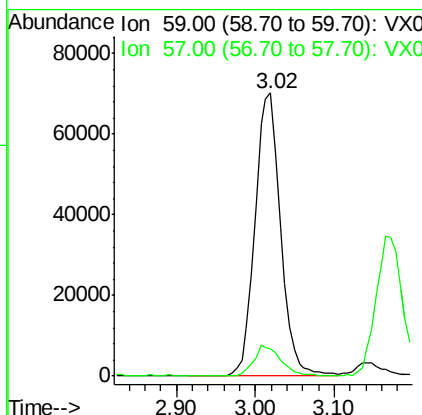
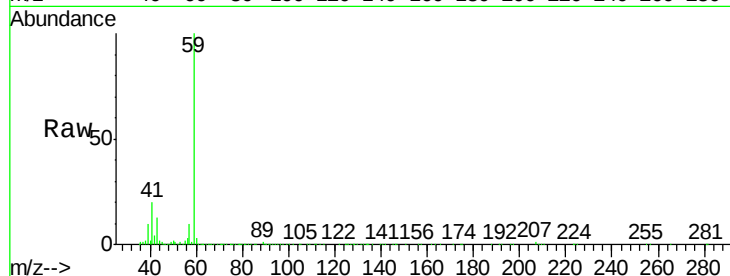
#11
Tert butyl alcohol
Concen: 105.975 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion: 59 Resp: 158738
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8

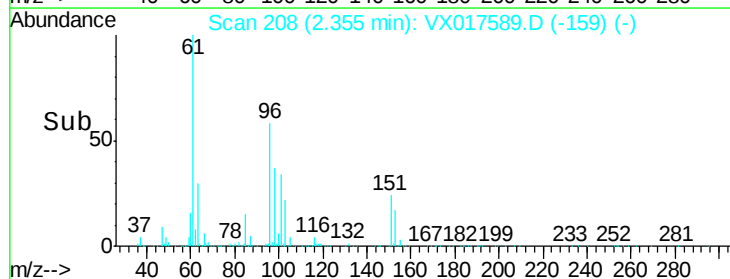
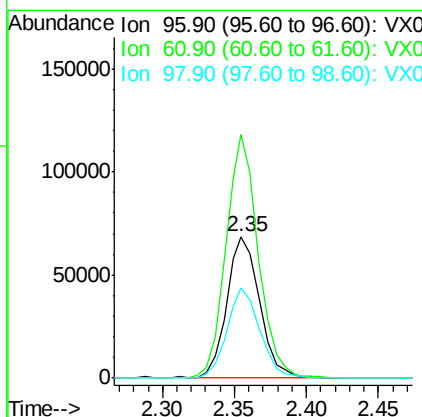
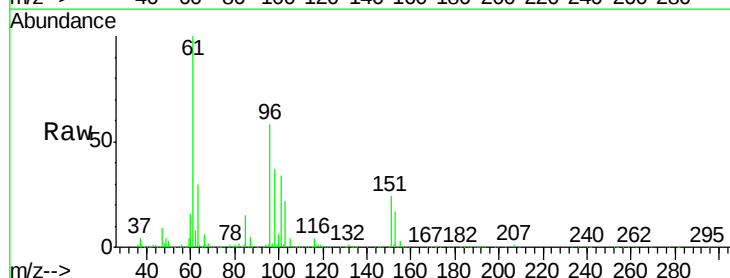
Manual Integrations
APPROVED

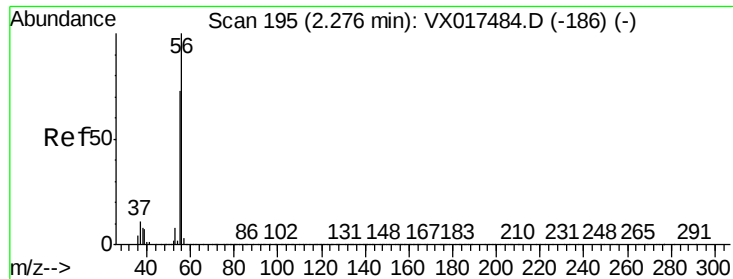
MMDadoda
7/27/2020 11:02:14 AM



#12
1,1-Dichloroethene
Concen: 18.931 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion: 96 Resp: 108189
Ion Ratio Lower Upper
96 100
61 172.6 134.0 201.0
98 63.8 51.0 76.4





#13

Acrolein

Concen: 69.019 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 56 Resp: 75439

Ion Ratio Lower Upper

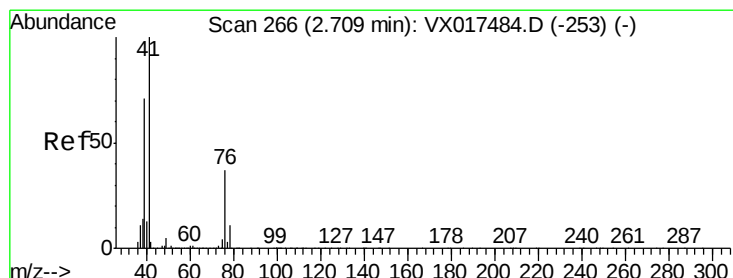
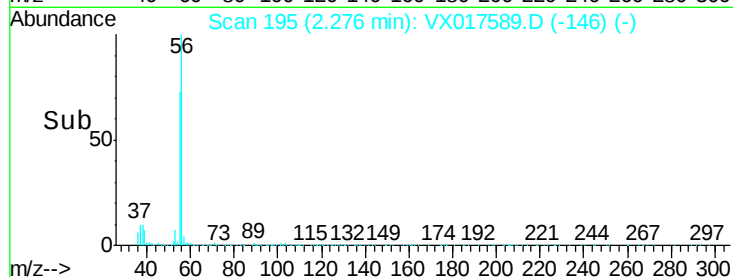
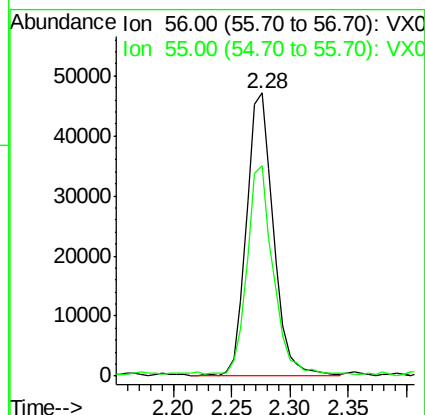
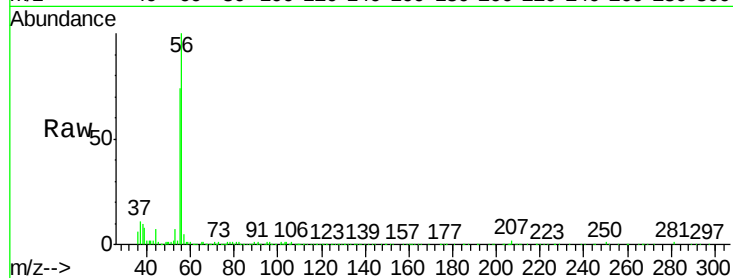
56 100

55 71.9 57.4 86.2

Manual Integrations
APPROVED

MMDadoda

7/27/2020 11:02:14 AM



#14

Allyl chloride

Concen: 17.405 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

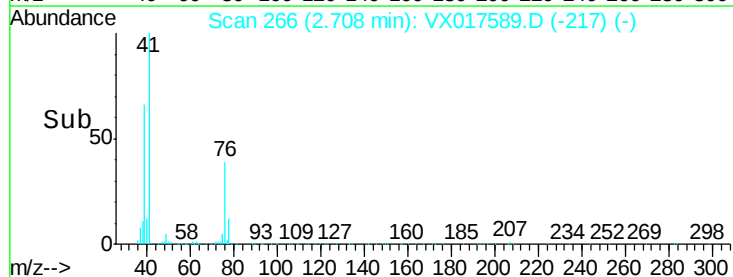
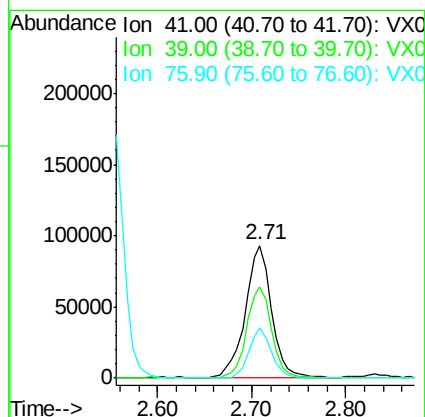
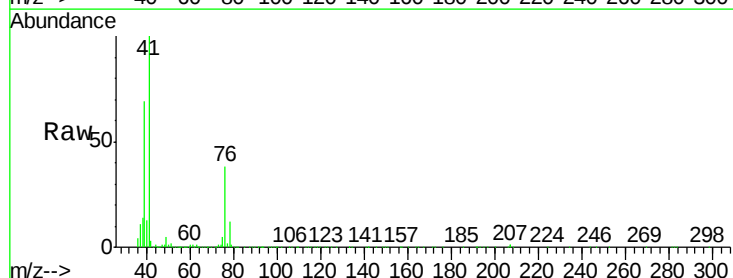
Tgt Ion: 41 Resp: 181618

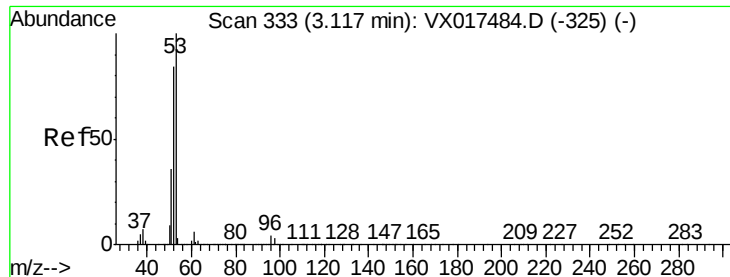
Ion Ratio Lower Upper

41 100

39 64.8 51.9 77.9

76 32.5 25.5 38.3





#15

Acrylonitrile

Concen: 100.880 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

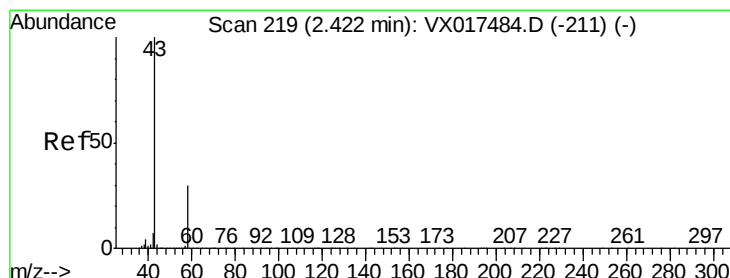
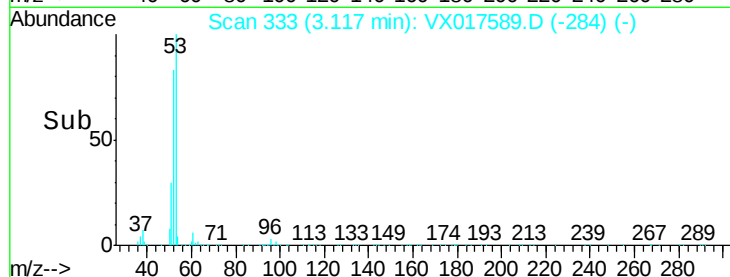
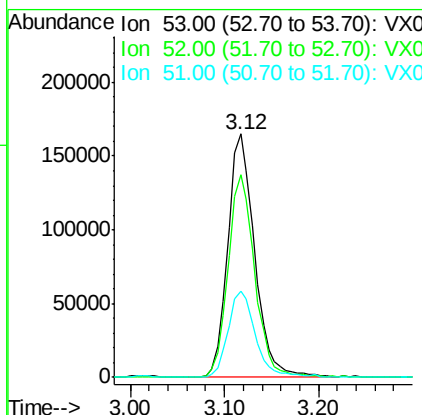
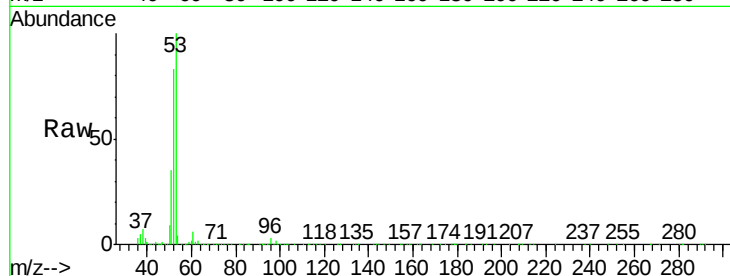
ClientSampleId :

VX0724WBSD03

Tgt Ion:	53	Resp:	326373
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	99.8
51	36.3	29.4	44.2

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#16

Acetone

Concen: 98.103 ug/l

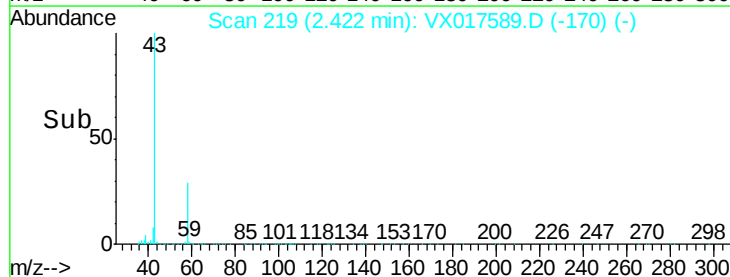
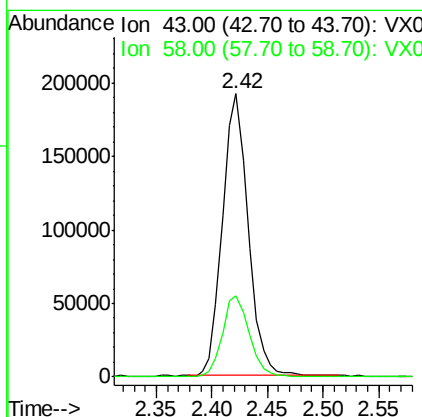
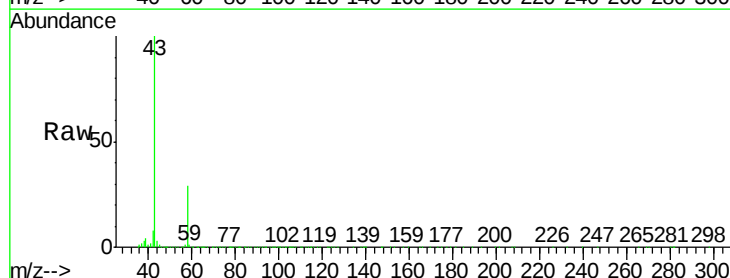
RT: 2.42 min Scan# 219

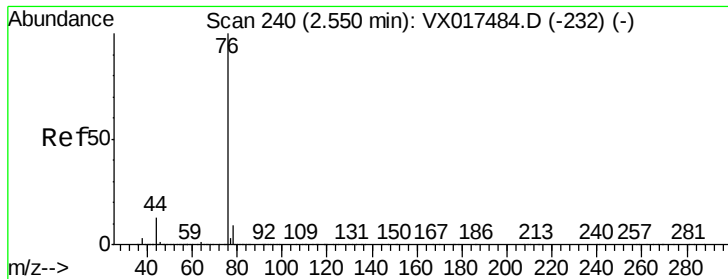
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	43	Resp:	306875
Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.2	36.4





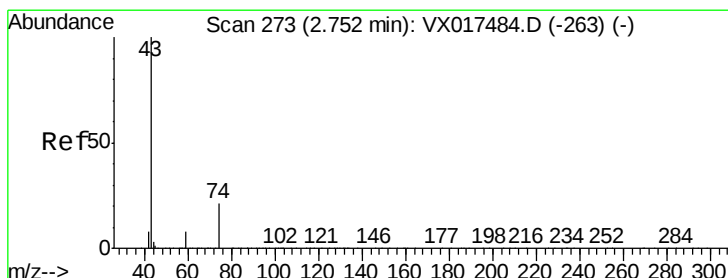
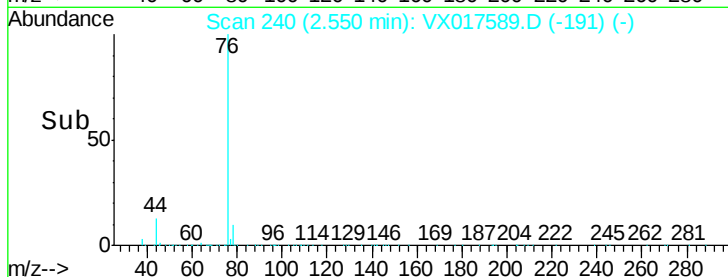
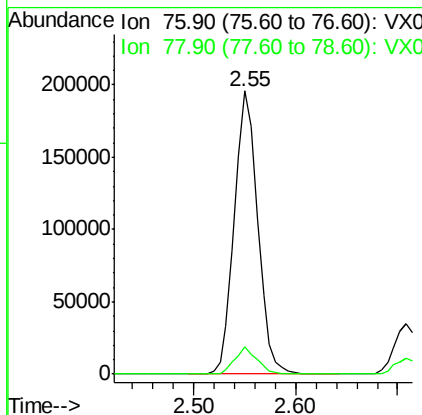
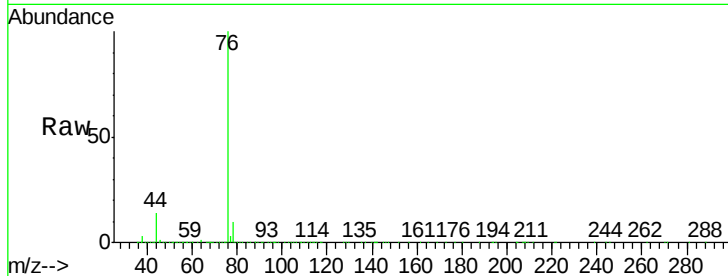
#17
Carbon Disulfide
Concen: 17.834 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.5	11.3

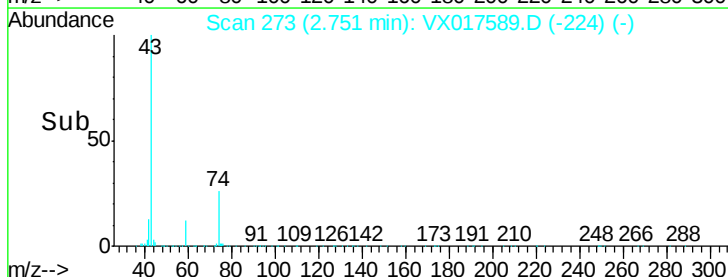
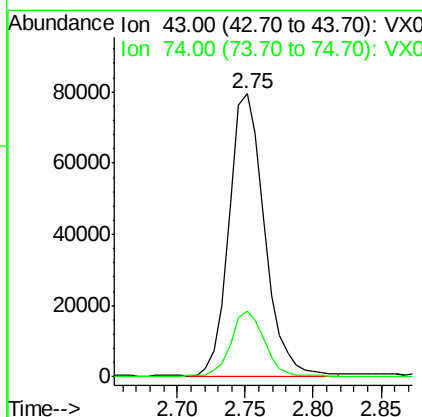
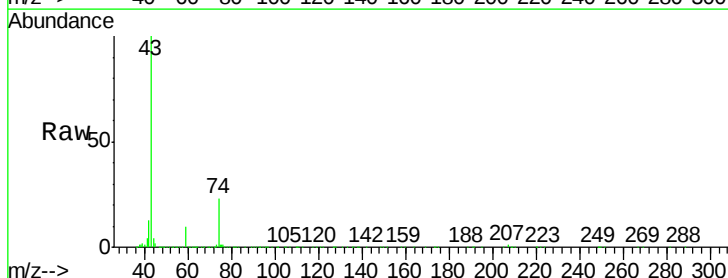
Manual Integrations
APPROVED

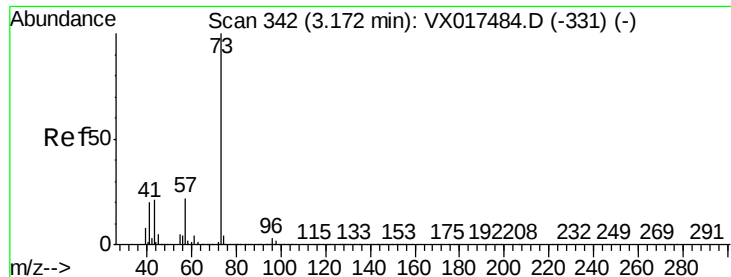
MMDadoda
7/27/2020 11:02:14 AM



#18
Methyl Acetate
Concen: 19.544 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.5	26.3





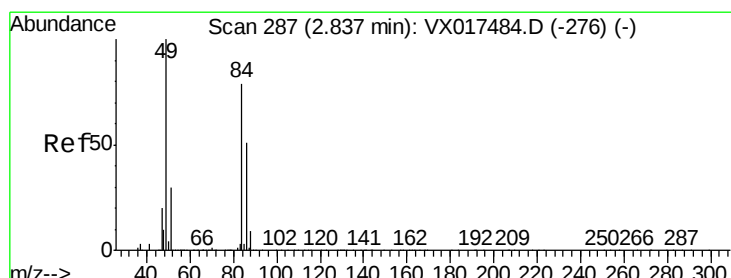
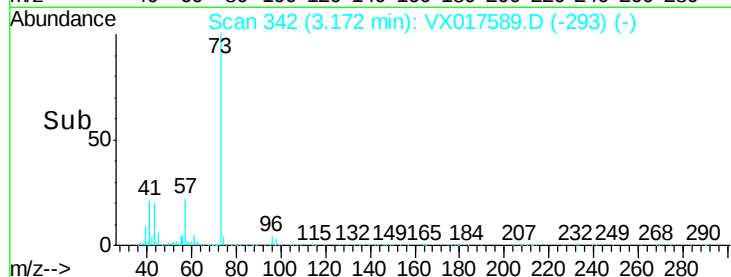
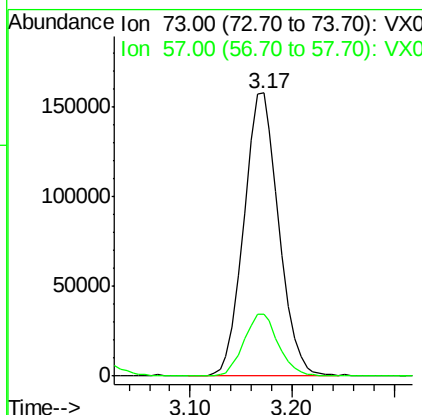
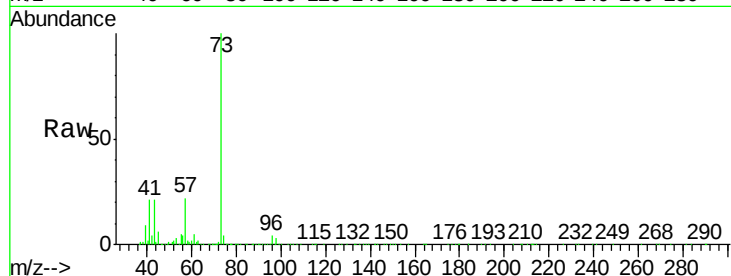
#19
Methyl tert-butyl Ether
Concen: 18.903 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion: 73 Resp: 373898
Ion Ratio Lower Upper
73 100
57 21.7 17.0 25.4

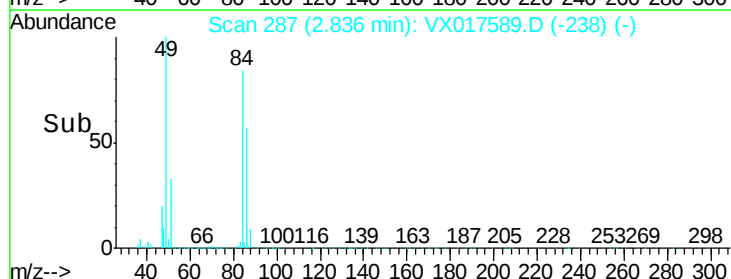
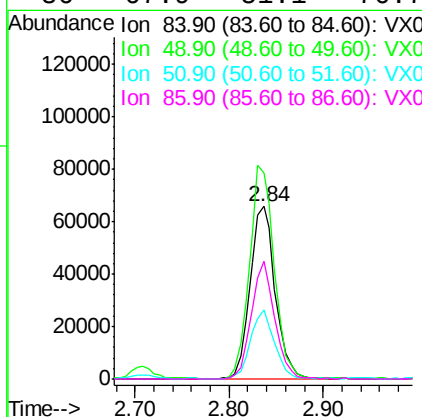
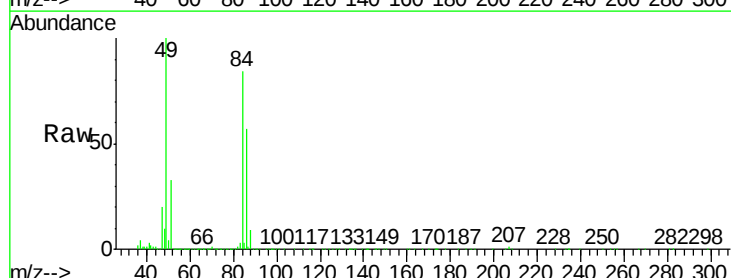
Manual Integrations
APPROVED

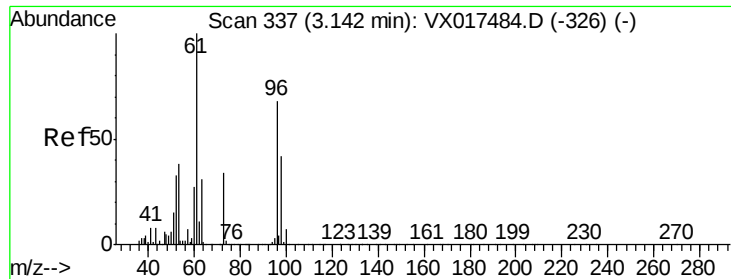
MMDadoda
7/27/2020 11:02:14 AM



#20
Methylene Chloride
Concen: 20.257 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion: 84 Resp: 123843
Ion Ratio Lower Upper
84 100
49 118.8 100.3 150.5
51 39.7 30.5 45.7
86 67.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.702 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

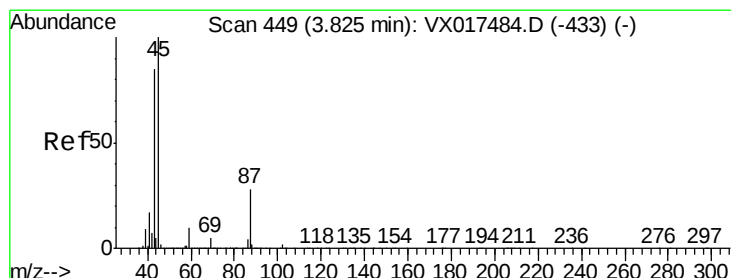
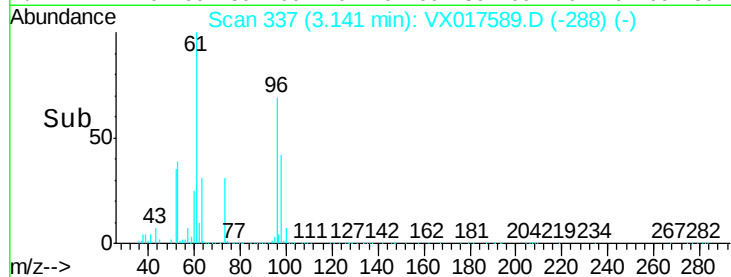
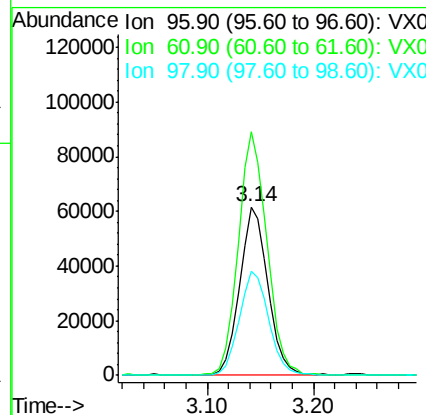
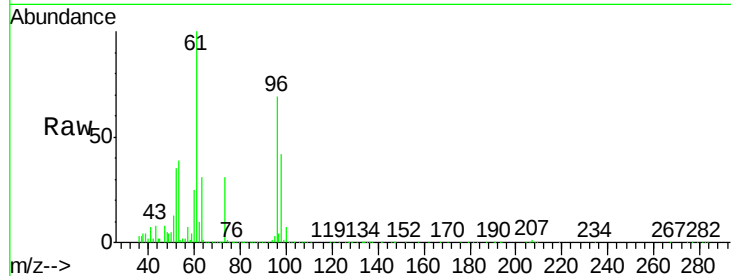
ClientSampleId :

VX0724WBSD03

Tgt Ion:	96	Resp:	114499
Ion Ratio	Lower	Upper	
96	100		
61	145.0	113.0	169.4
98	61.6	51.8	77.8

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#22

Diisopropyl ether

Concen: 19.738 ug/l

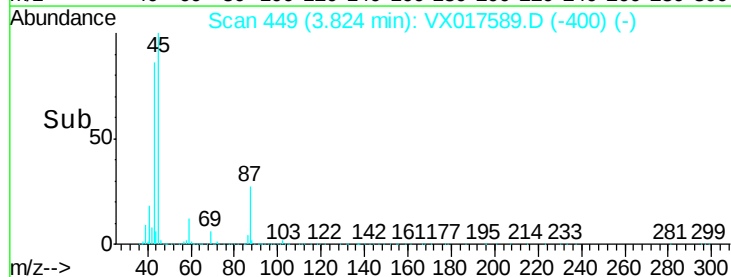
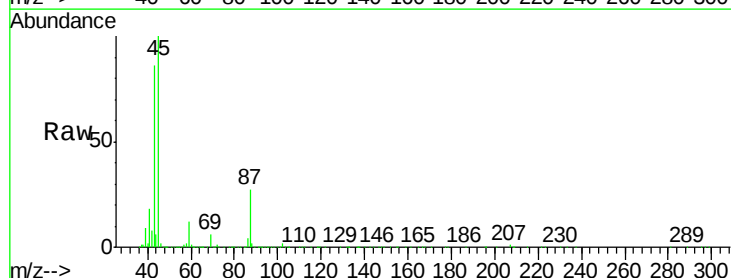
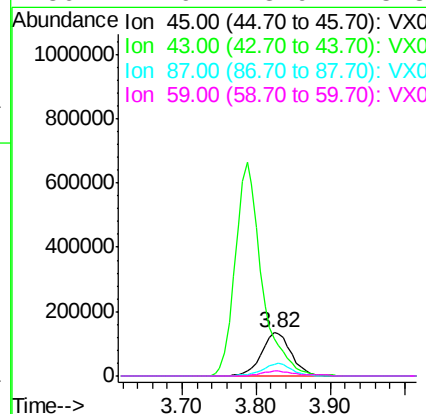
RT: 3.82 min Scan# 449

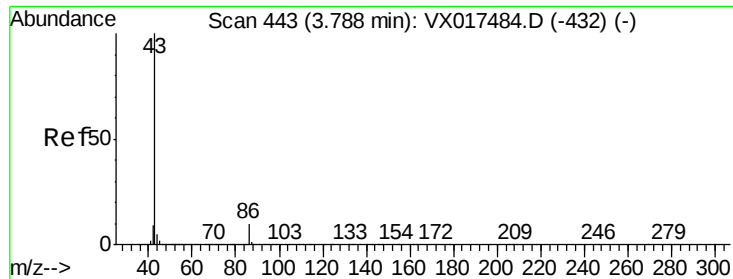
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	45	Resp:	376610
Ion Ratio	Lower	Upper	
45	100		
43	85.8	52.0	78.0#
87	26.9	22.2	33.4
59	11.9	8.9	13.3





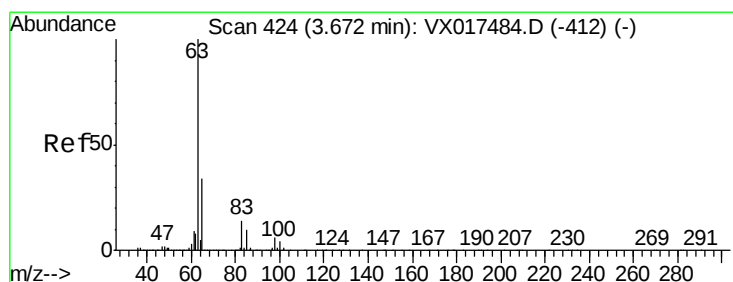
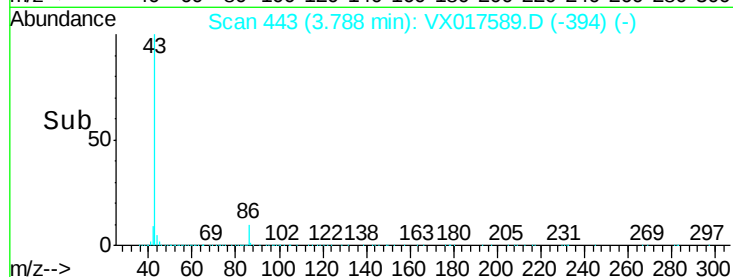
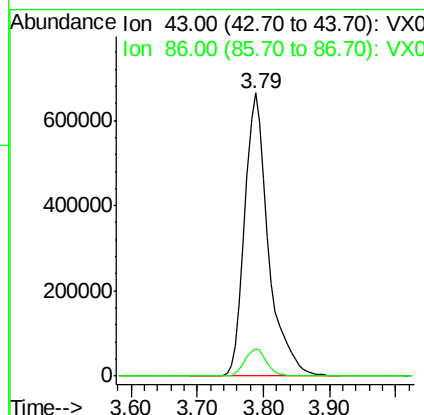
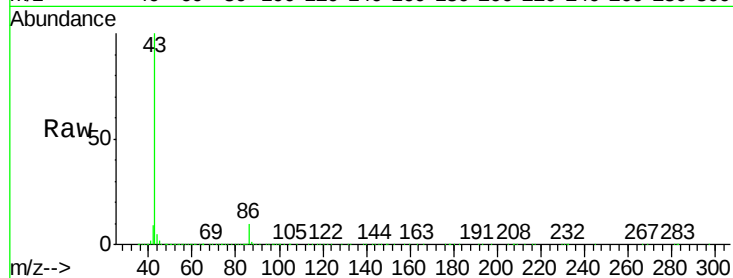
#23
 Vinyl Acetate
 Concen: 97.401 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD03

Tgt Ion: 43 Resp: 1657014
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4

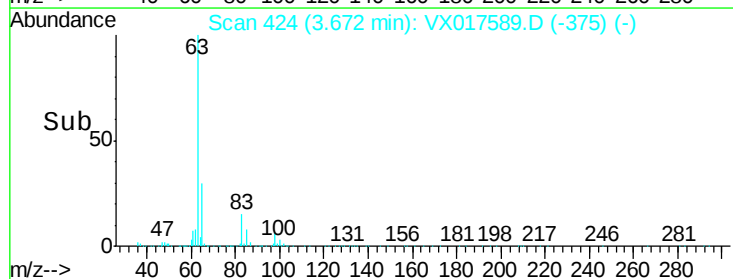
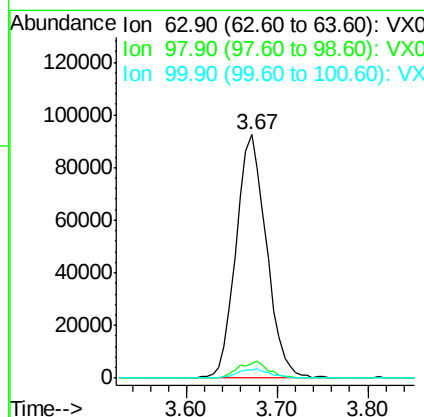
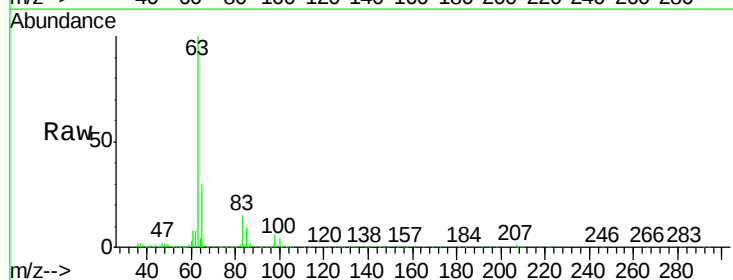
Manual Integrations
 APPROVED

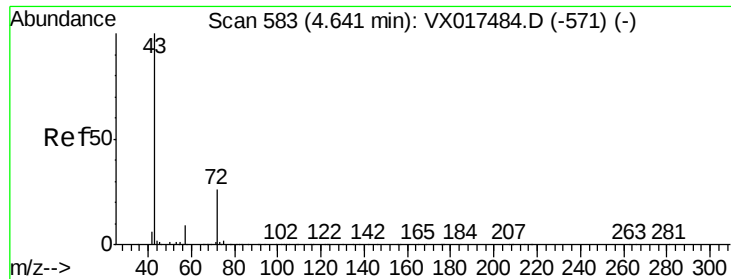
MMDadoda
 7/27/2020 11:02:14 AM



#24
 1,1-Dichloroethane
 Concen: 19.532 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Tgt Ion: 63 Resp: 214684
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.4 10.1
 100 3.6 1.9 5.7





#25

2-Butanone

Concen: 107.827 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 43 Resp: 479159

Ion Ratio Lower Upper

43 100

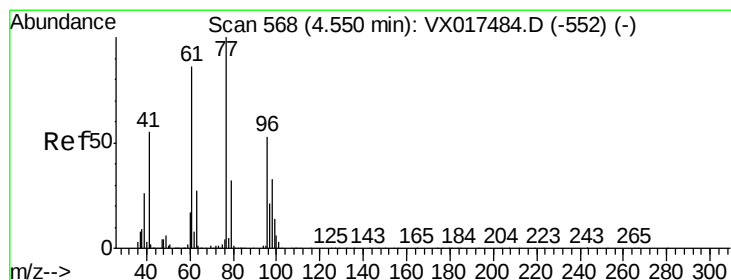
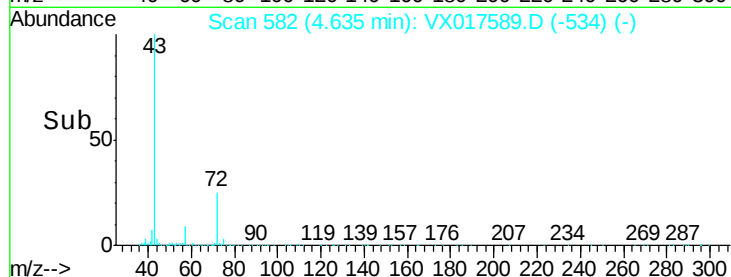
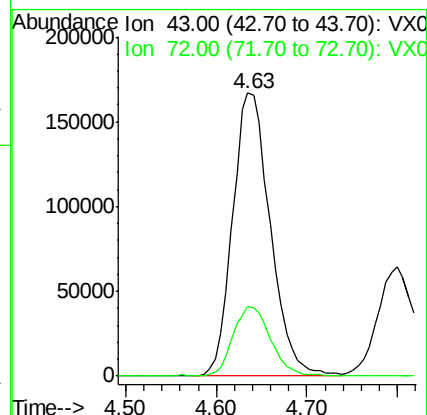
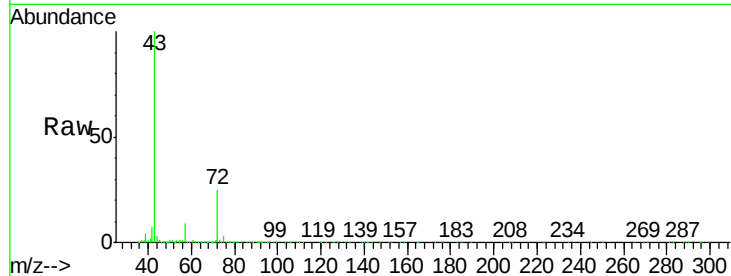
72 24.4 19.0 28.4

Manual Integrations

APPROVED

MMDadoda

7/27/2020 11:02:14 AM



#26

2,2-Dichloropropane

Concen: 10.385 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017589.D

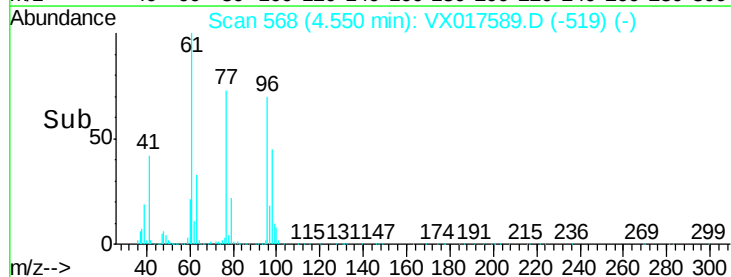
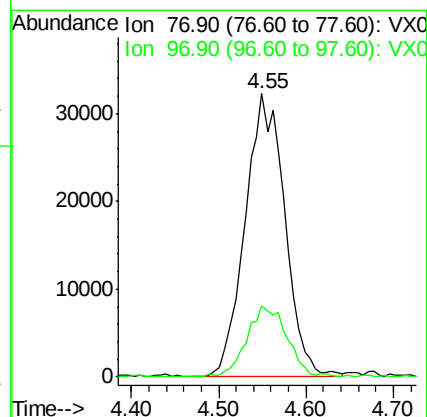
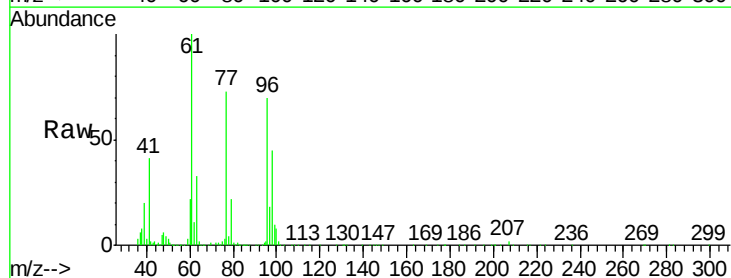
Acq: 25 Jul 2020 12:35

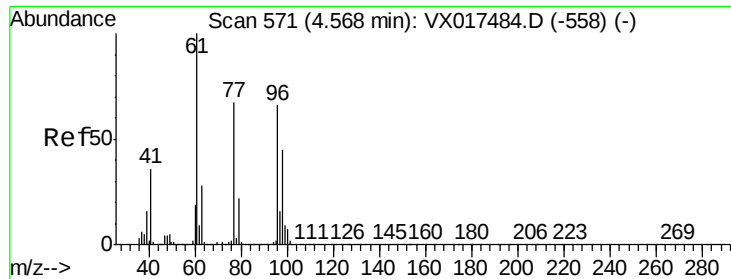
Tgt Ion: 77 Resp: 102174

Ion Ratio Lower Upper

77 100

97 25.0 10.9 32.9





#27

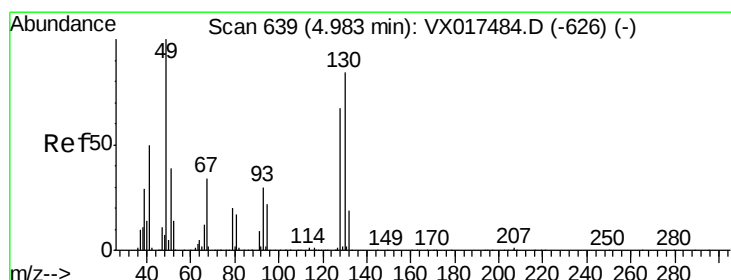
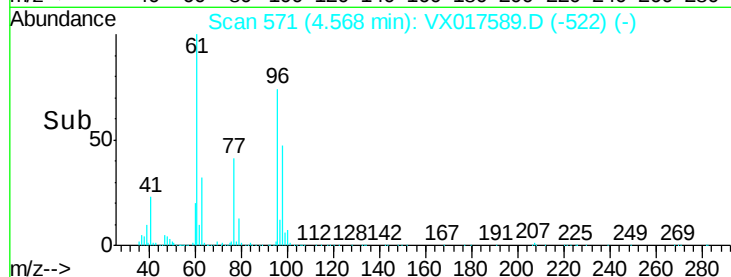
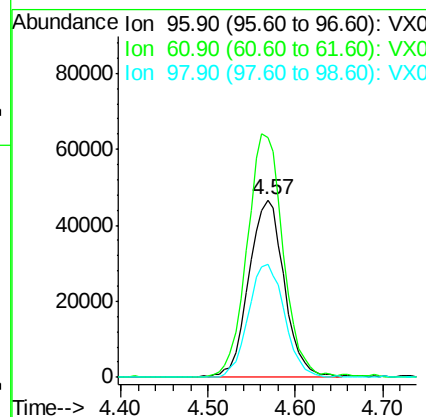
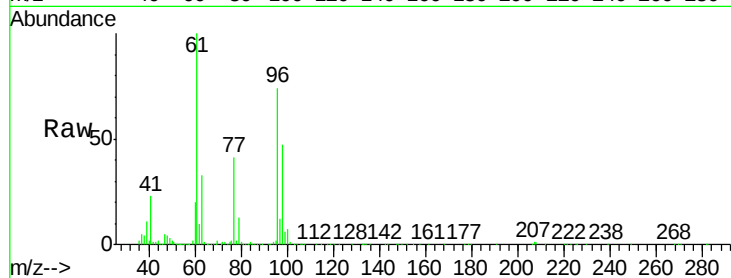
cis-1,2-Dichloroethene
Concen: 19.819 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	131789		
61	138.9	0.0	301.2	
98	64.9	0.0	130.0	

Manual Integrations
APPROVED

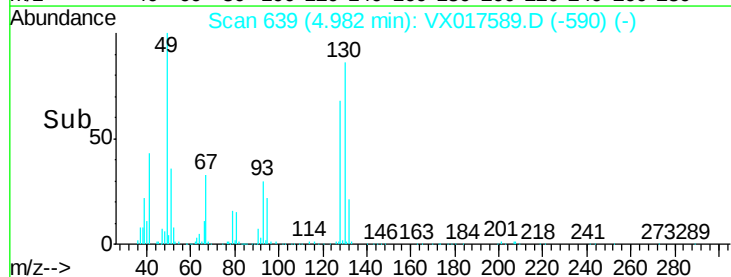
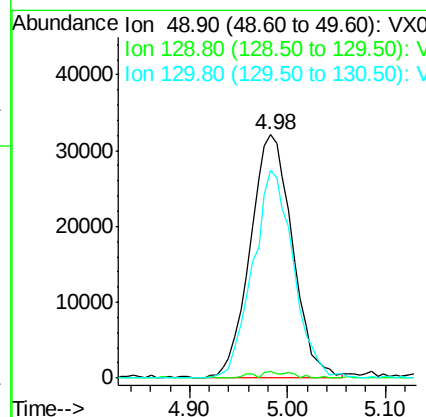
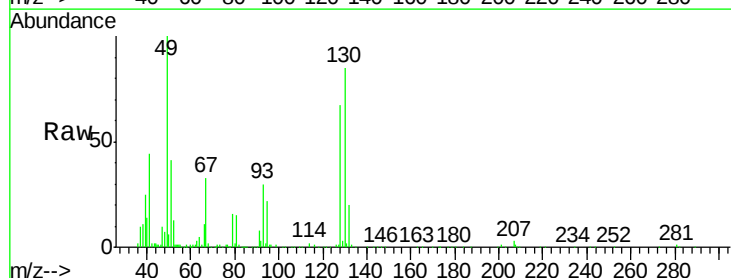
MMDadoda
7/27/2020 11:02:14 AM

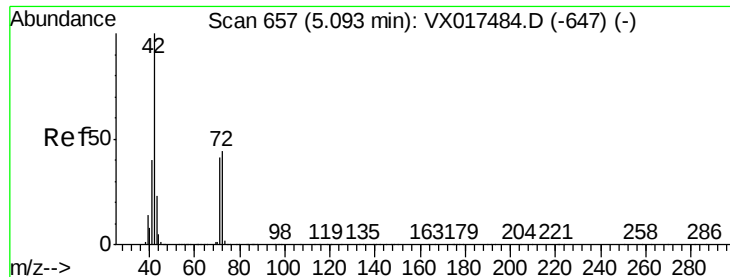


#28

Bromochloromethane
Concen: 19.211 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95687		
129	1.7	0.0	4.6	
130	82.5	66.7	100.1	





#29

Tetrahydrofuran

Concen: 109.016 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

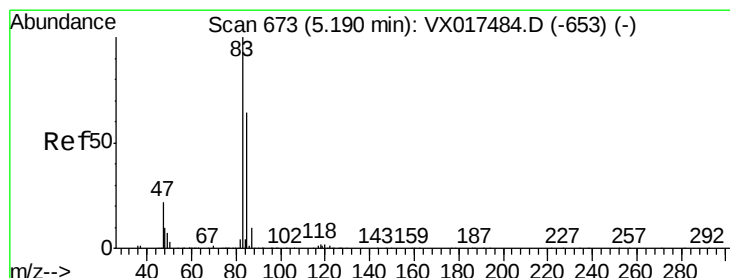
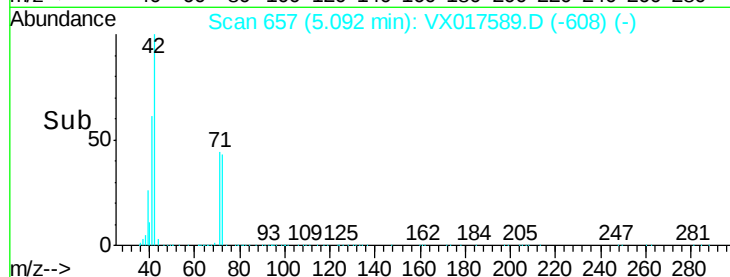
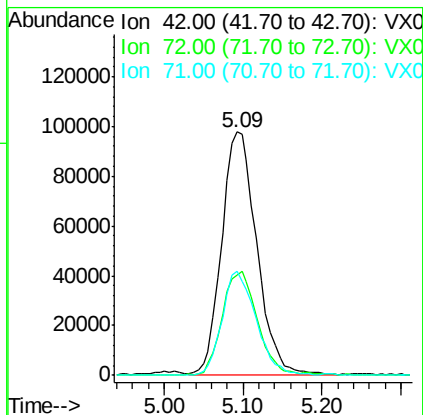
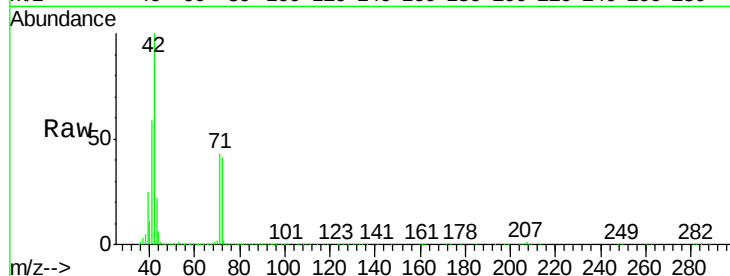
ClientSampleId :

VX0724WBSD03

Tgt Ion:	42	Resp:	300076
Ion Ratio		Lower	Upper
42	100		
72	42.9	35.5	53.3
71	41.4	33.0	49.4

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#30

Chloroform

Concen: 20.309 ug/l

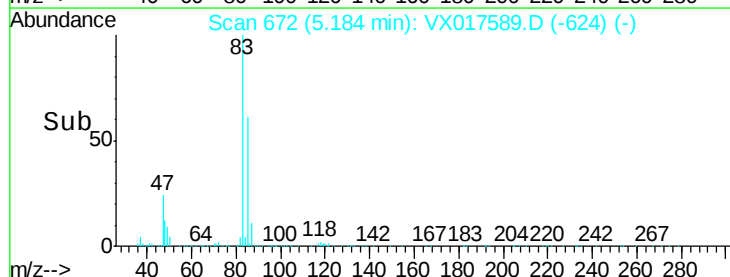
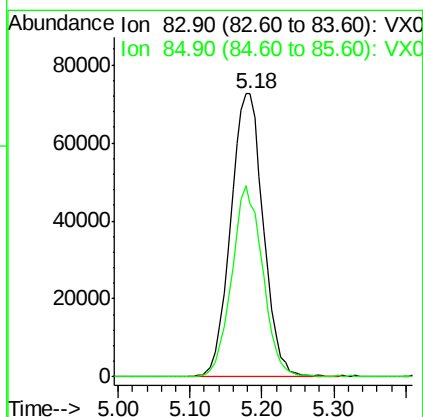
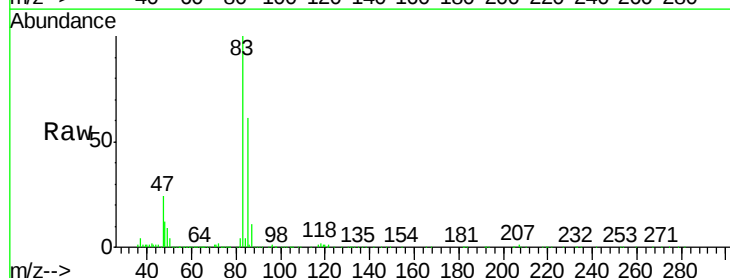
RT: 5.18 min Scan# 672

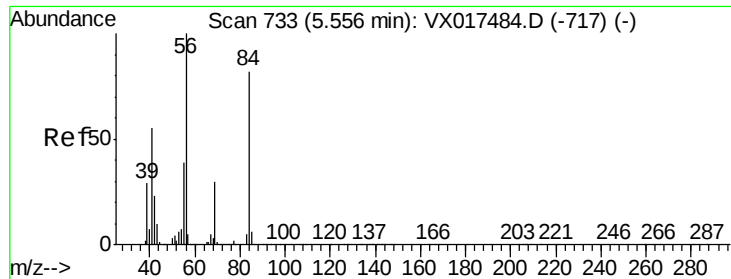
Delta R.T. -0.01 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	83	Resp:	228081
Ion Ratio		Lower	Upper
83	100		
85	60.9	51.4	77.2





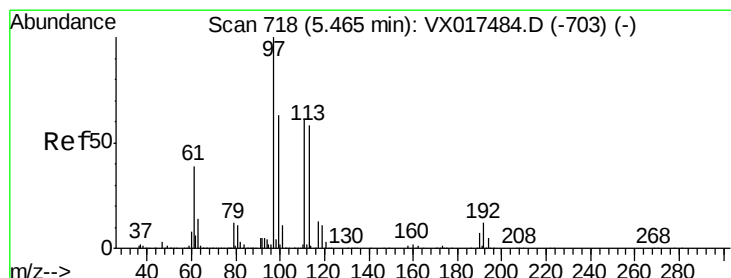
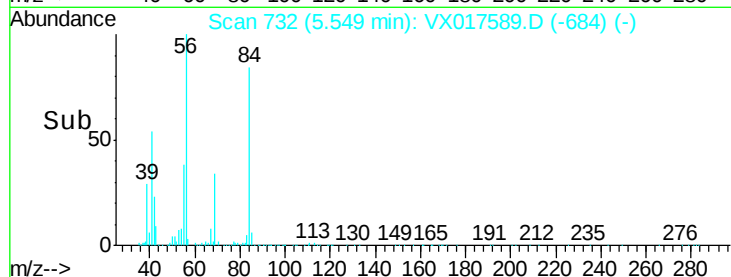
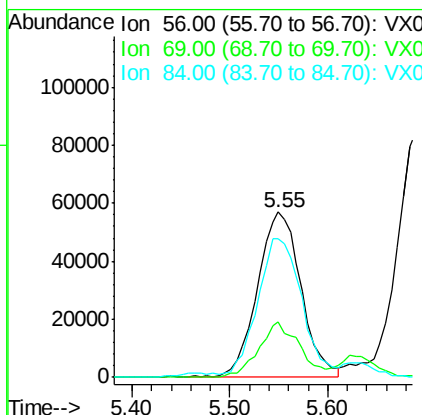
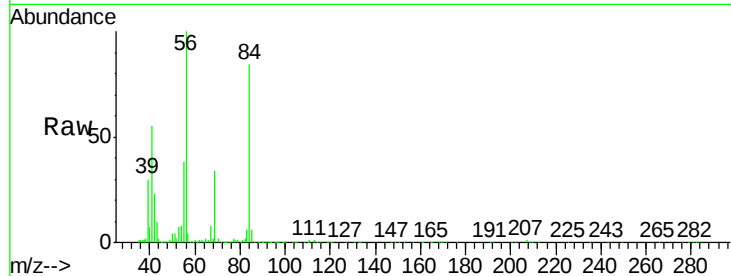
#31
Cyclohexane
Concen: 20.120 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.6	24.2	36.4
84	81.5	69.0	103.6

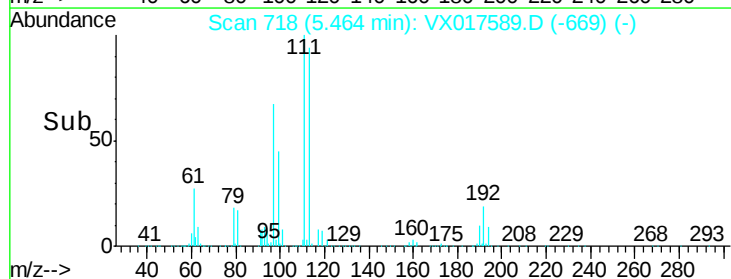
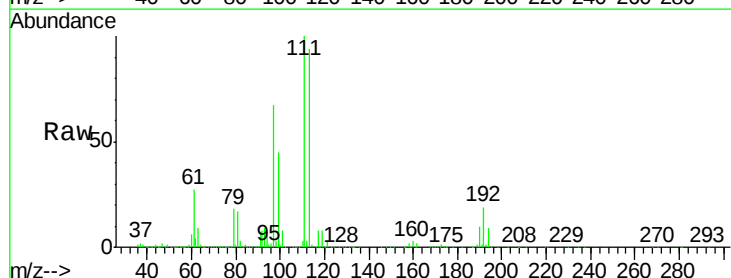
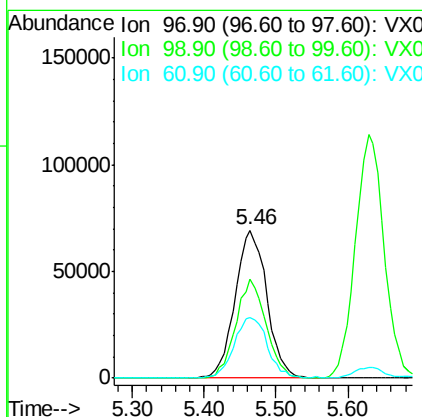
Manual Integrations
APPROVED

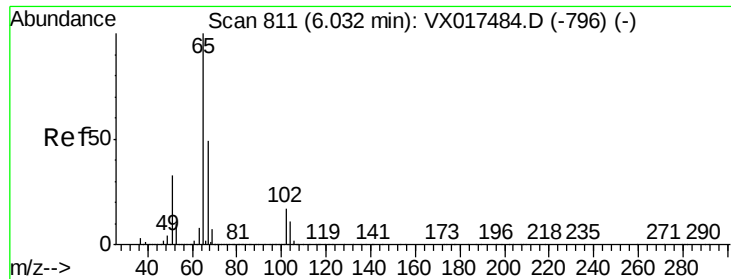
MMDadoda
7/27/2020 11:02:14 AM



#32
1,1,1-Trichloroethane
Concen: 20.042 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.9	77.9
61	42.4	34.1	51.1





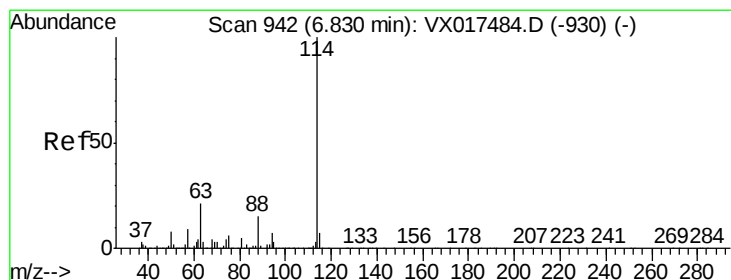
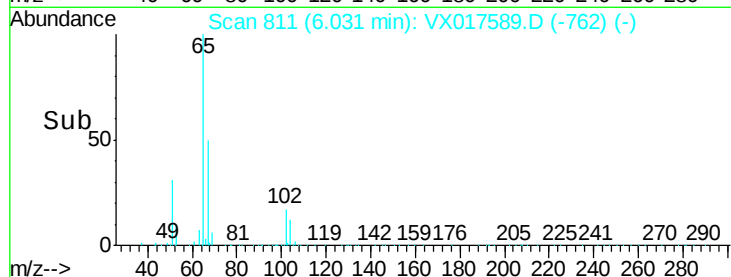
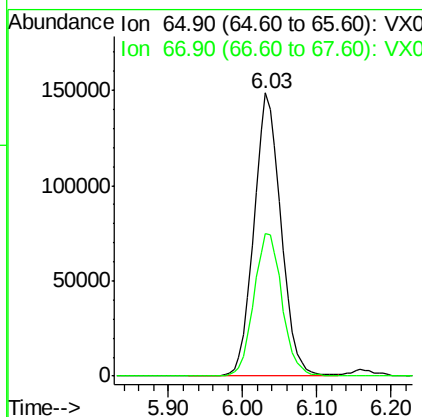
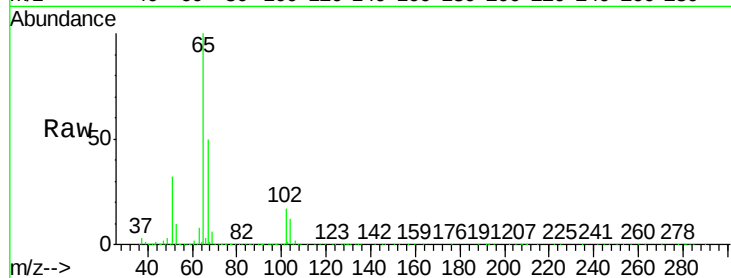
#33
 1,2-Dichloroethane-d4
 Concen: 53.311 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	378889		
67	52.0	0.0	102.8	

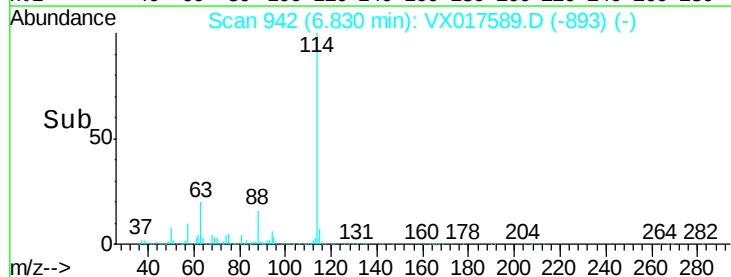
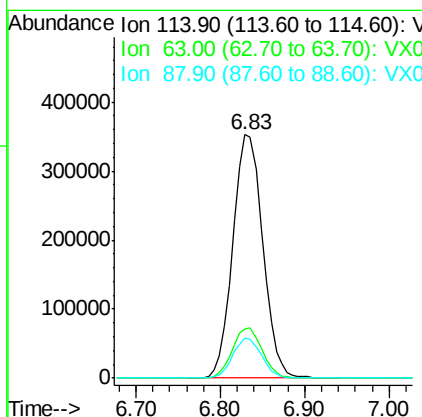
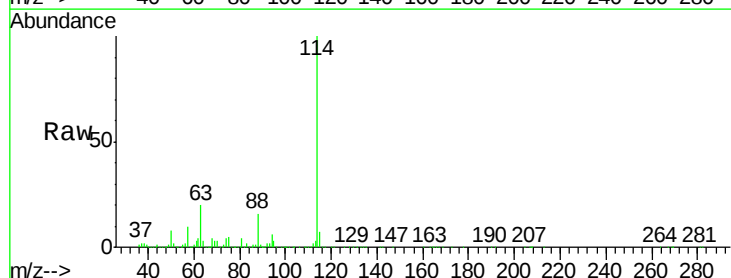
Manual Integrations
 APPROVED

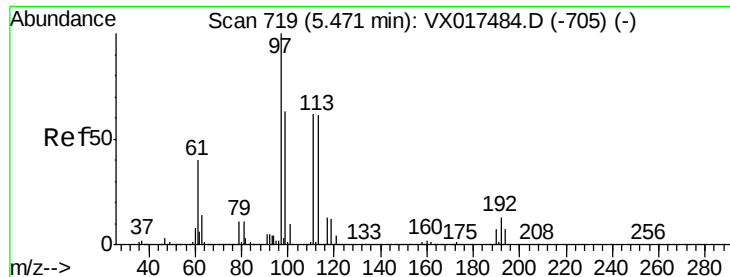
MMDadoda
 7/27/2020 11:02:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	847429		
63	20.0	0.0	40.6	
88	16.4	0.0	33.4	





#35

Dibromofluoromethane

Concen: 51.237 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

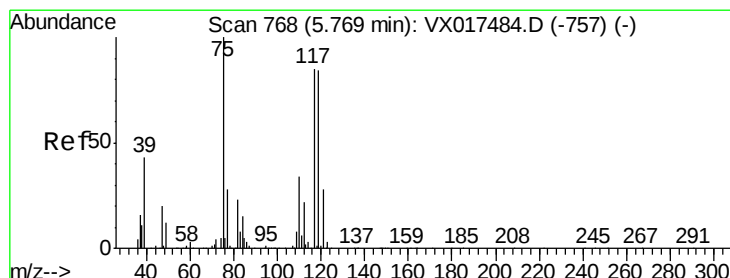
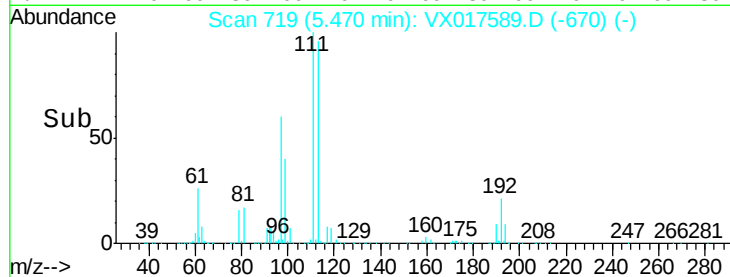
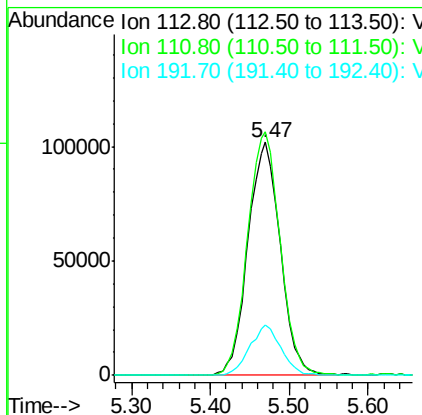
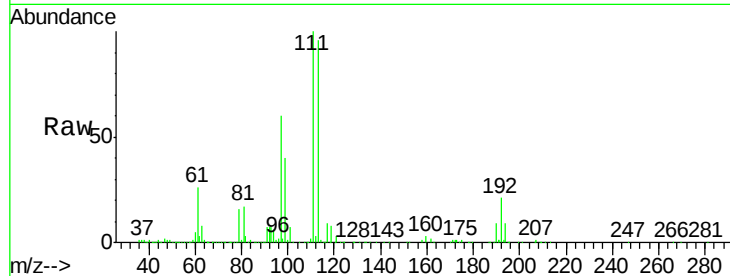
ClientSampleId :

VX0724WBSD03

Tgt Ion:	113	Resp:	290396
Ion Ratio	Lower	Upper	
113	100		
111	105.2	80.7	121.1
192	21.0	16.9	25.3

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#36

1,1-Dichloropropene

Concen: 20.035 ug/l

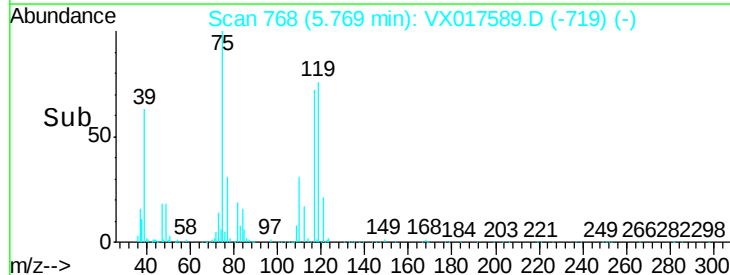
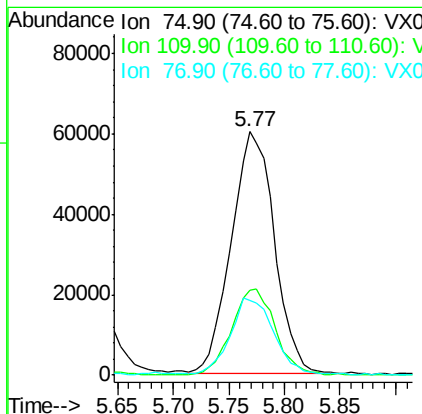
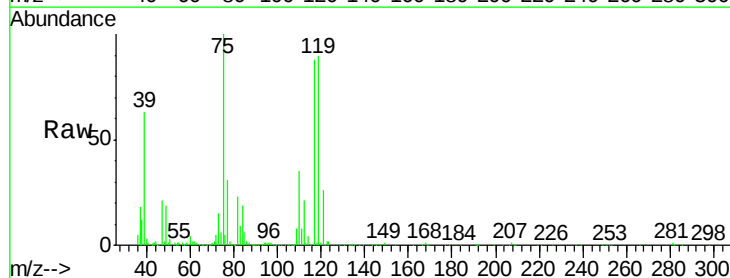
RT: 5.77 min Scan# 768

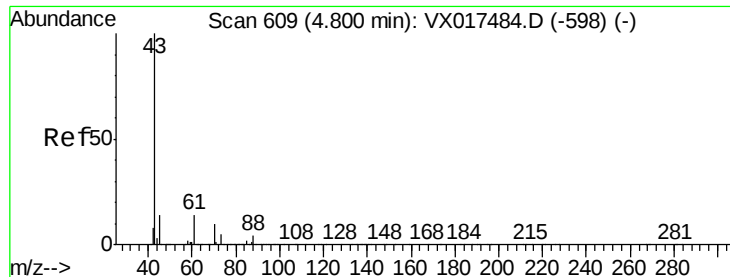
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	75	Resp:	162832
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.1	54.3
77	30.5	24.6	37.0





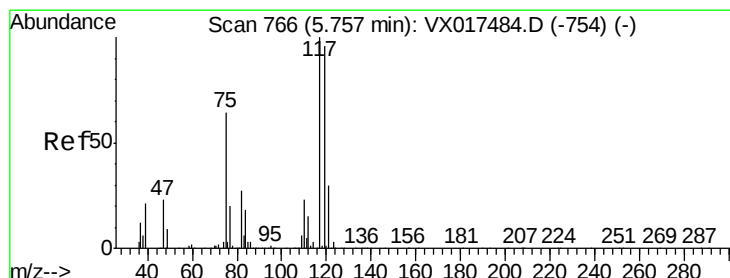
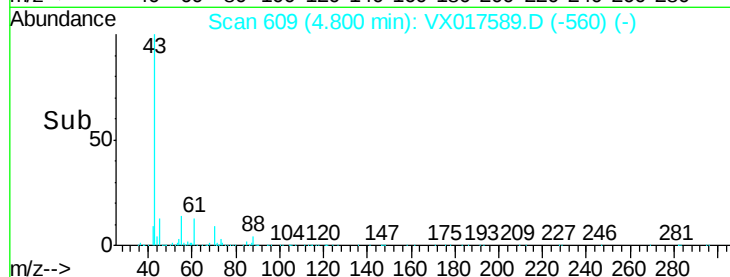
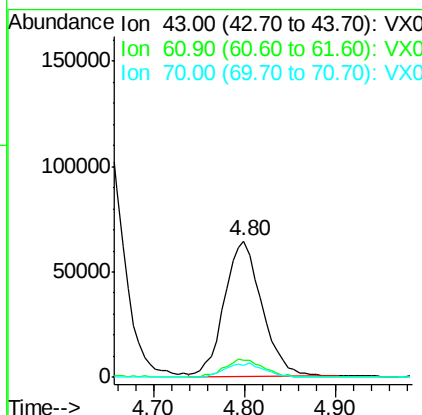
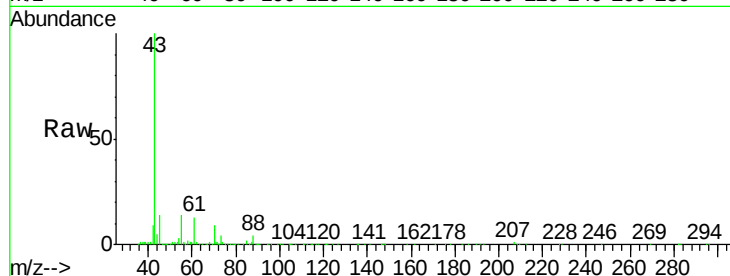
#37
Ethyl Acetate
Concen: 20.746 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	11.1	8.5	12.7

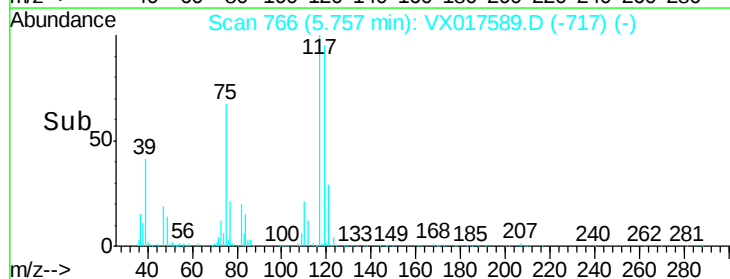
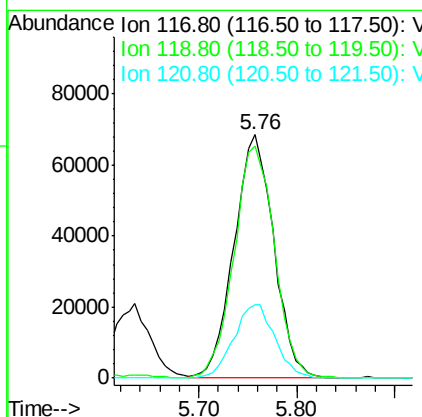
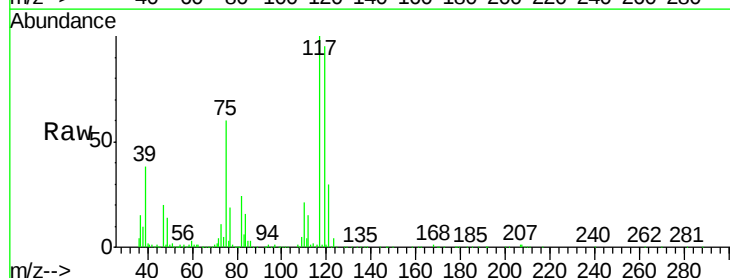
Manual Integrations
APPROVED

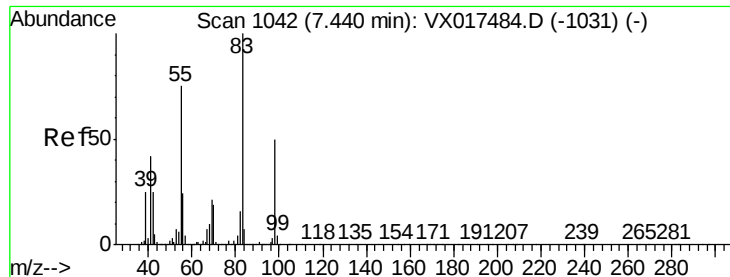
MMDadoda
7/27/2020 11:02:14 AM



#38
Carbon Tetrachloride
Concen: 19.544 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.4	113.0
121	30.0	24.3	36.5





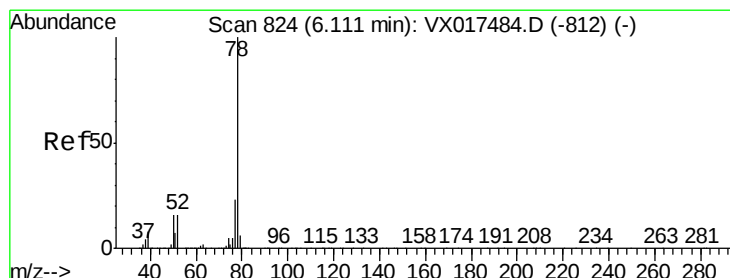
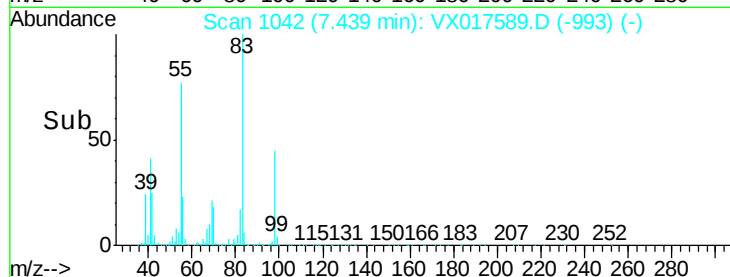
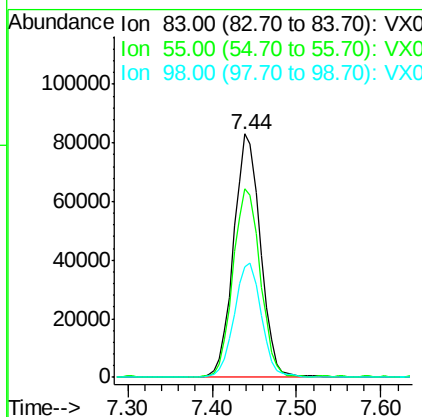
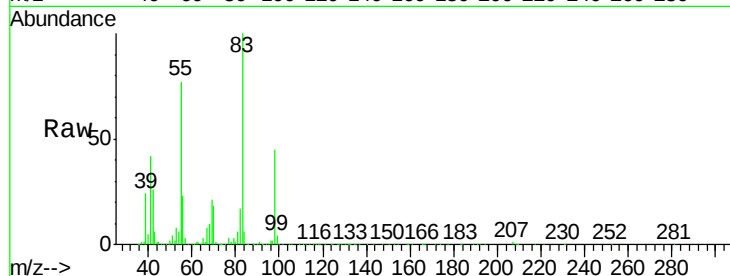
#39
Methylcyclohexane
Concen: 18.818 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.8	92.8
98	45.0	36.9	55.3

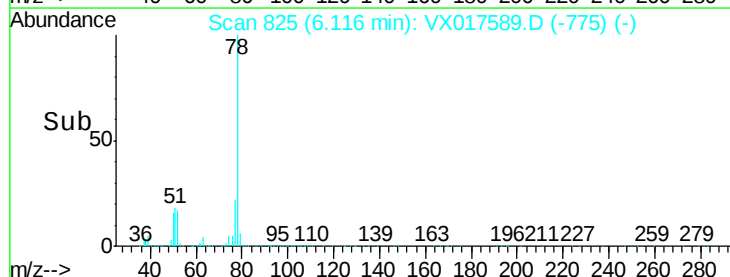
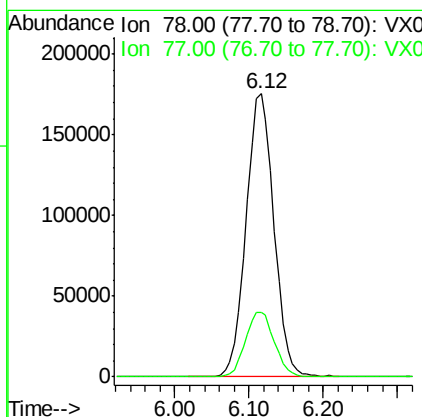
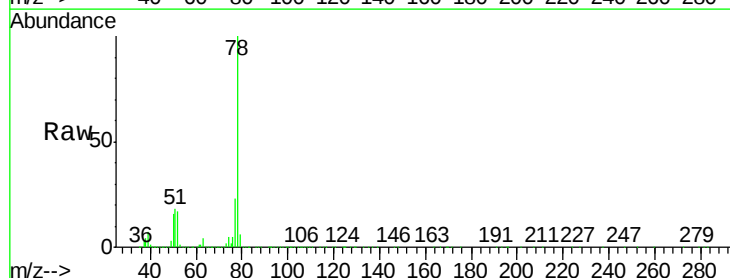
Manual Integrations
APPROVED

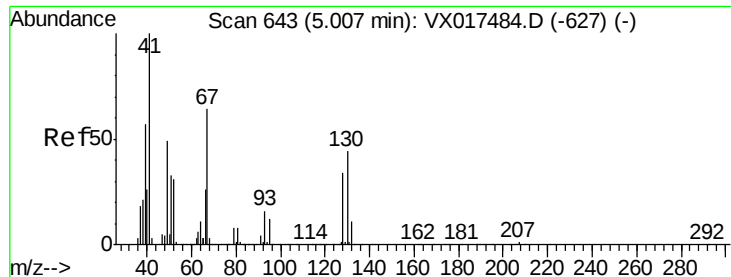
MMDadoda
7/27/2020 11:02:14 AM



#40
Benzene
Concen: 19.815 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.2





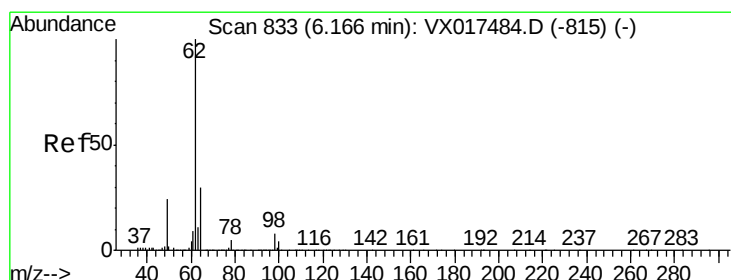
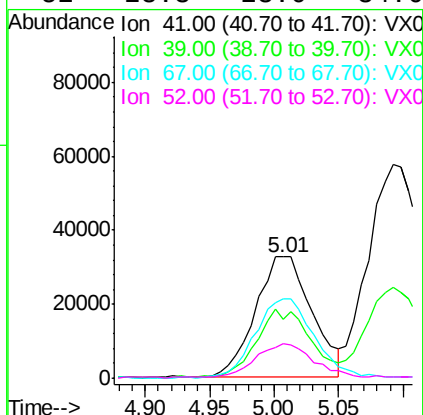
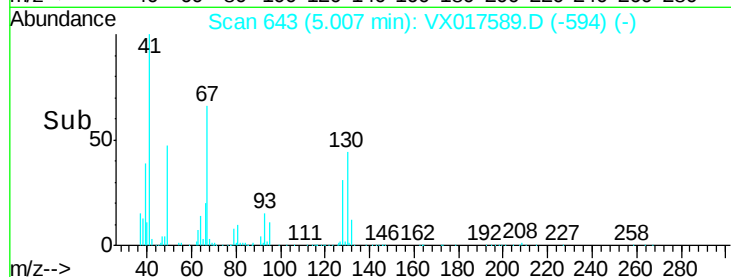
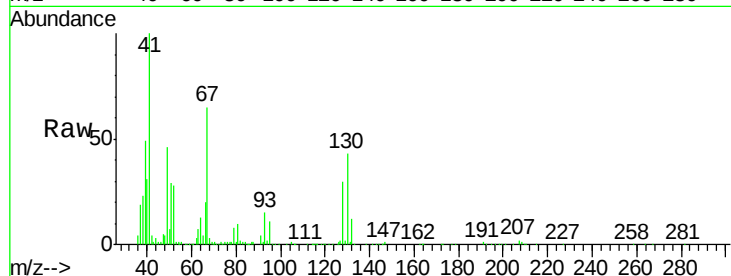
#41
Methacrylonitrile
Concen: 19.543 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.9	65.9
67	68.4	54.0	81.0
52	28.3	23.0	34.6

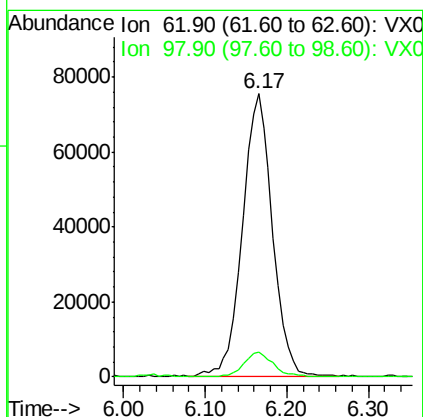
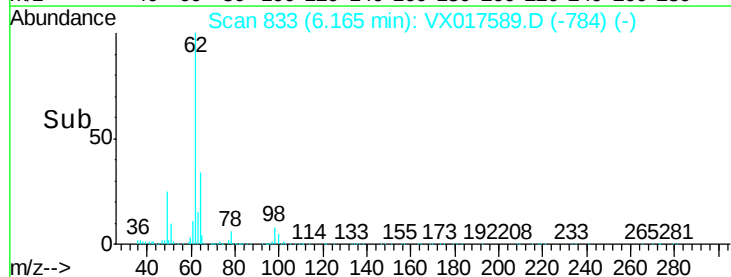
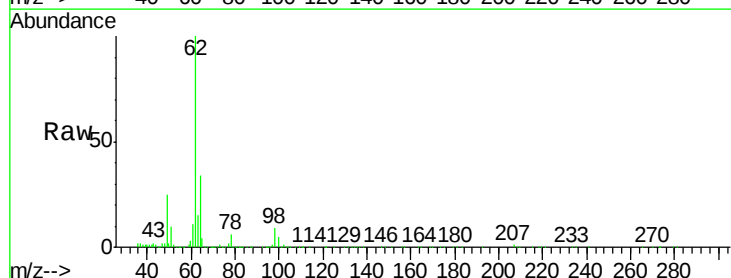
Manual Integrations
APPROVED

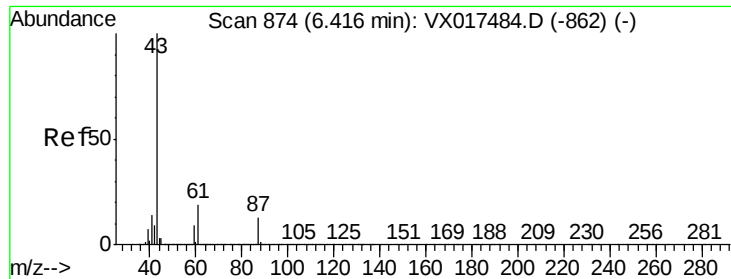
MMDadoda
7/27/2020 11:02:14 AM



#42
1,2-Dichloroethane
Concen: 20.146 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.0





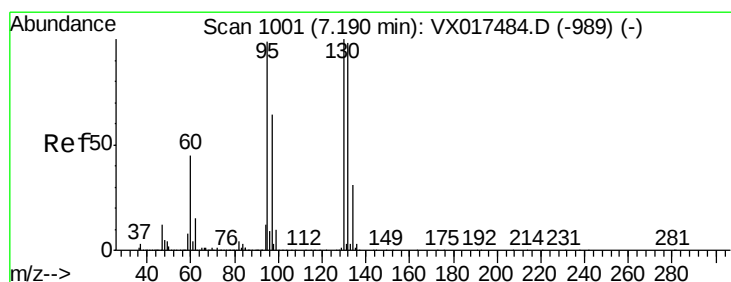
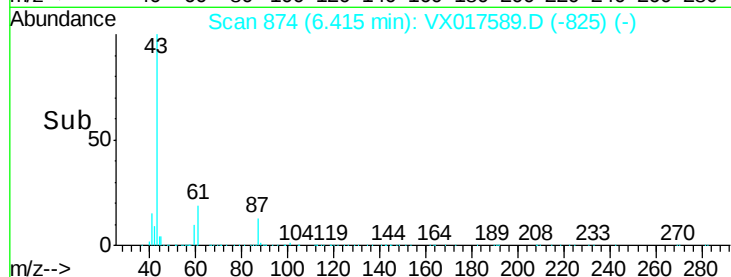
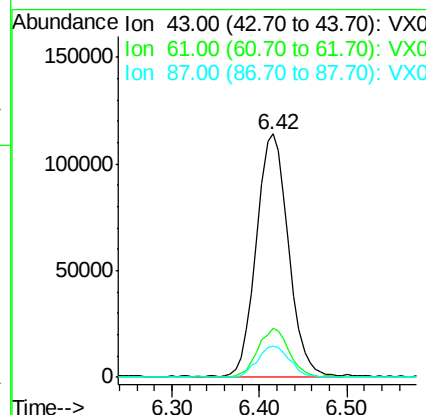
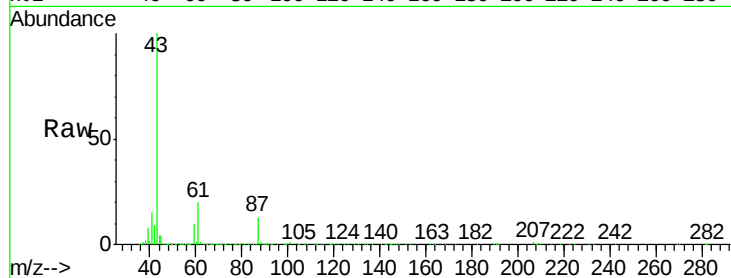
#43
Isopropyl Acetate
Concen: 19.989 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	12.9	10.5	15.7

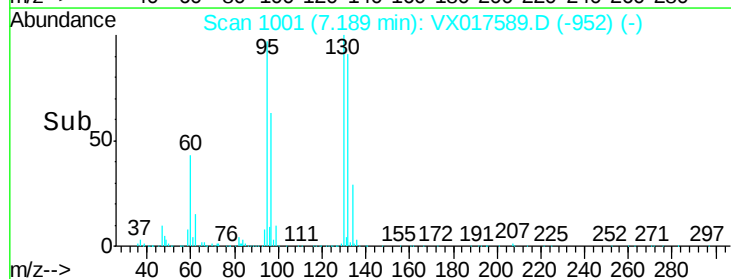
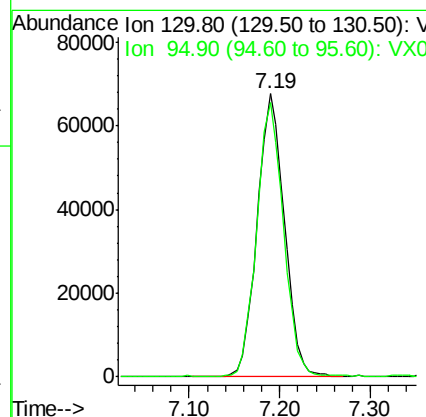
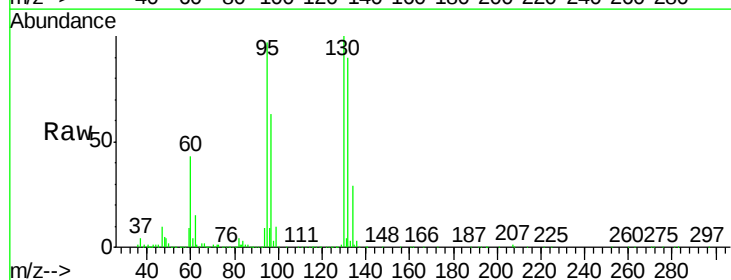
Manual Integrations
APPROVED

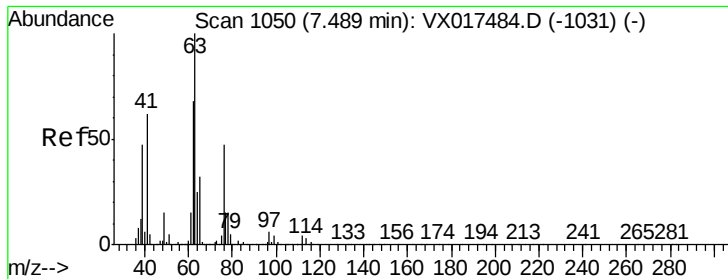
MMDadoda
7/27/2020 11:02:14 AM



#44
Trichloroethene
Concen: 20.743 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	189.0





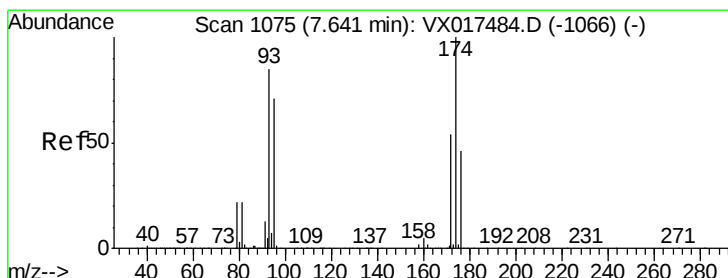
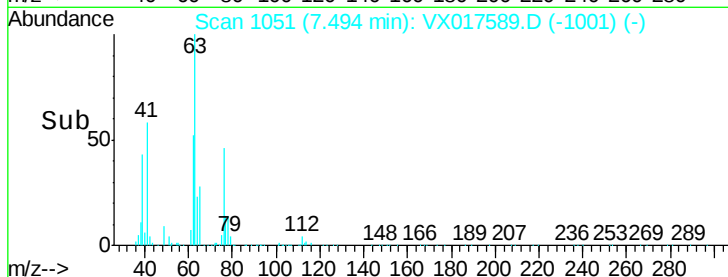
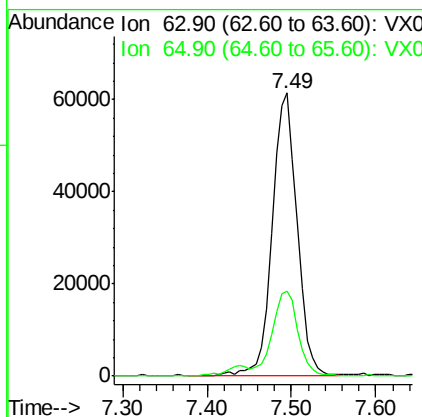
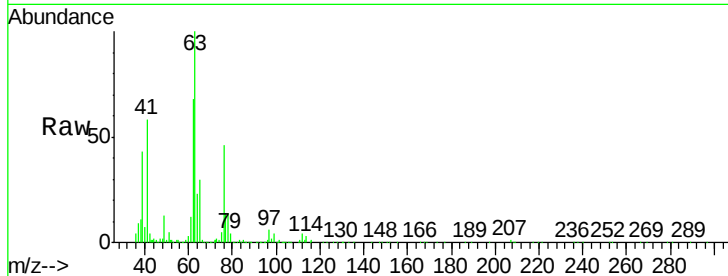
#45
 1,2-Dichloropropane
 Concen: 19.529 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.5	36.7

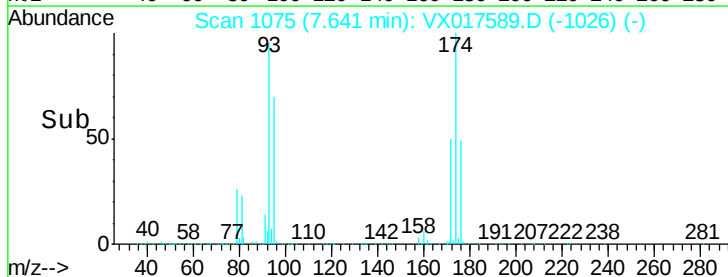
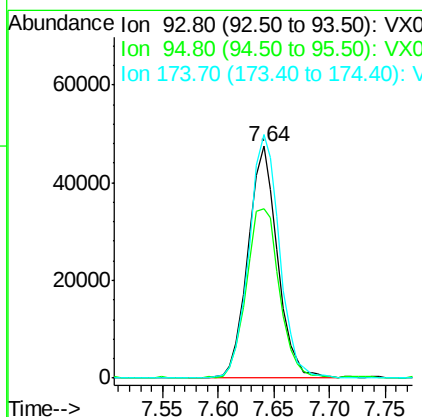
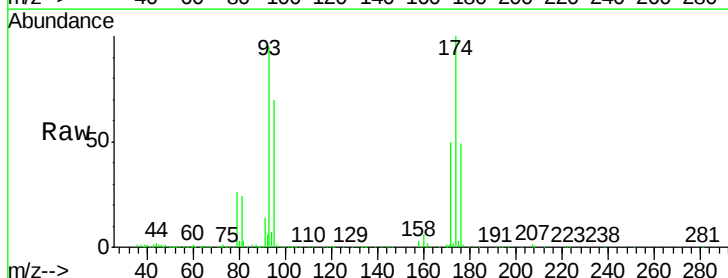
Manual Integrations
 APPROVED

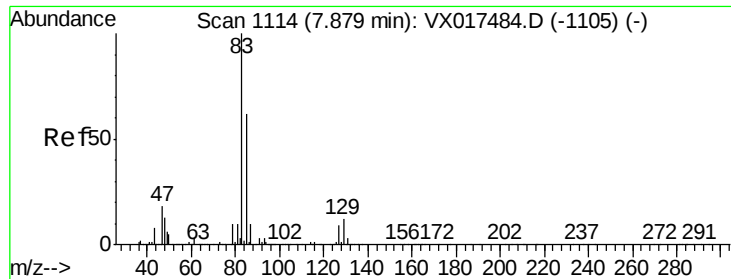
MMDadoda
 7/27/2020 11:02:14 AM



#46
 Dibromomethane
 Concen: 19.250 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	66.6	99.8
174	108.2	87.0	130.6





#47

Bromodichloromethane

Concen: 19.883 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

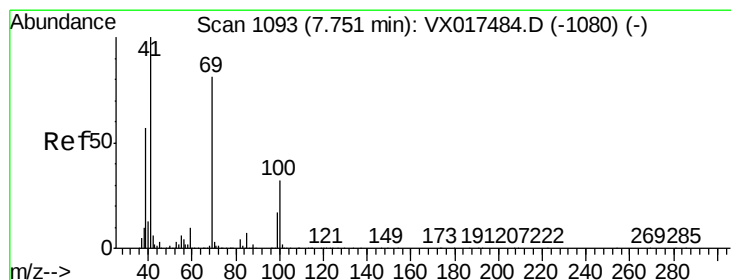
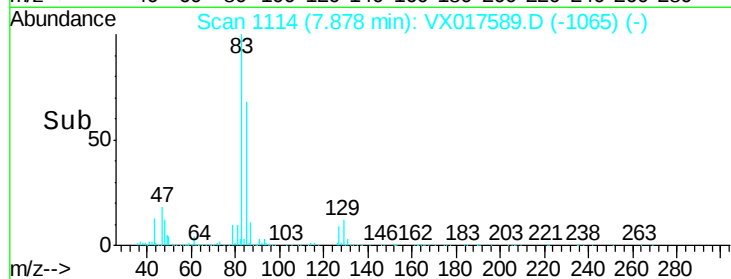
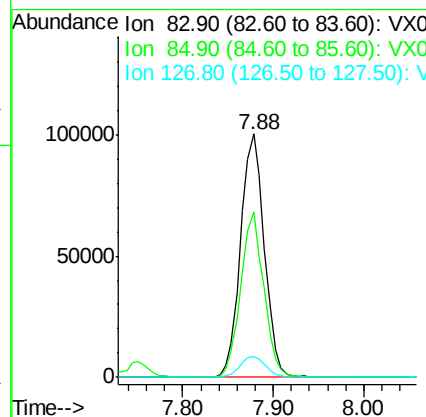
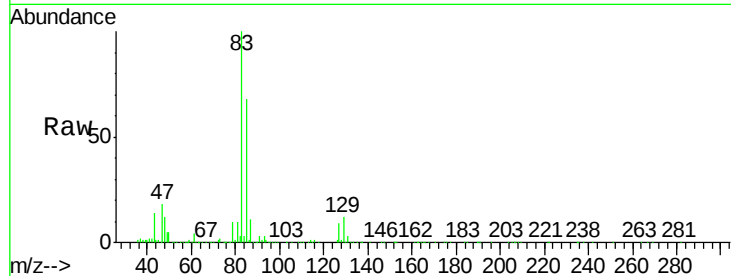
ClientSampleId :

VX0724WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	182630		
85	67.7	51.8	77.8	
127	8.8	7.4	11.2	

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#48

Methyl methacrylate

Concen: 19.711 ug/l

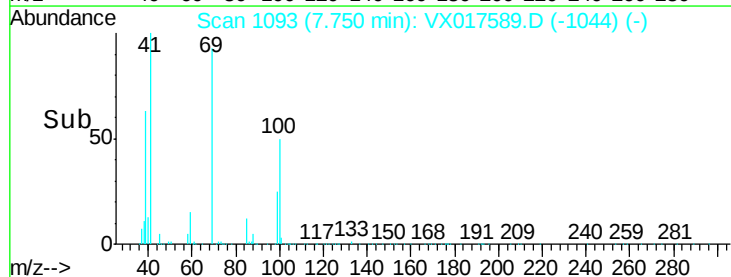
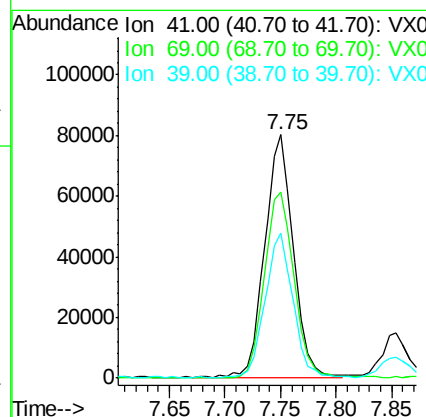
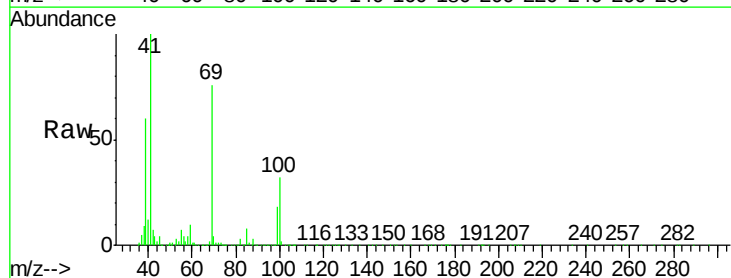
RT: 7.75 min Scan# 1093

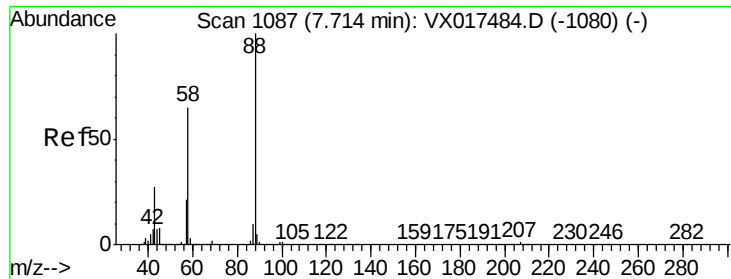
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	143362		
69	80.1	63.1	94.7	
39	57.8	45.1	67.7	





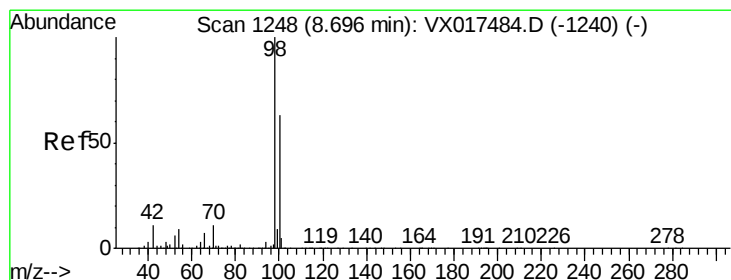
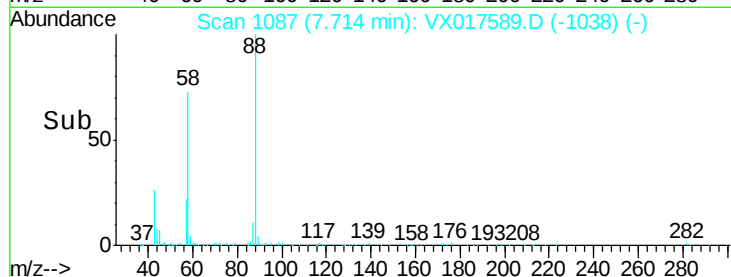
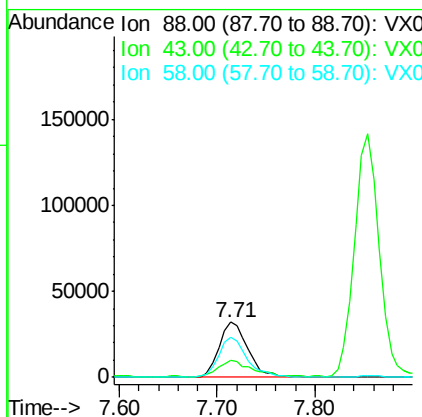
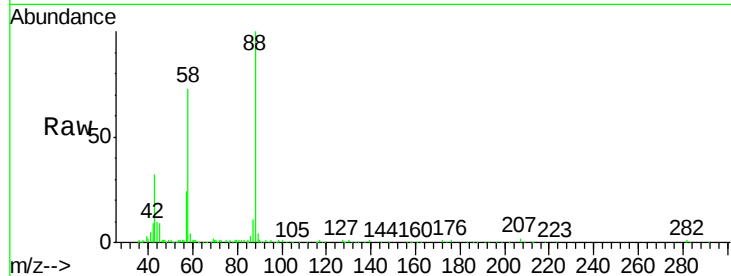
#49
1,4-Dioxane
Concen: 475.198 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.8	41.6
58	69.3	58.3	87.5

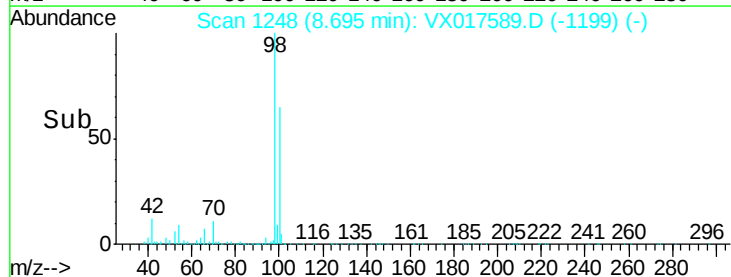
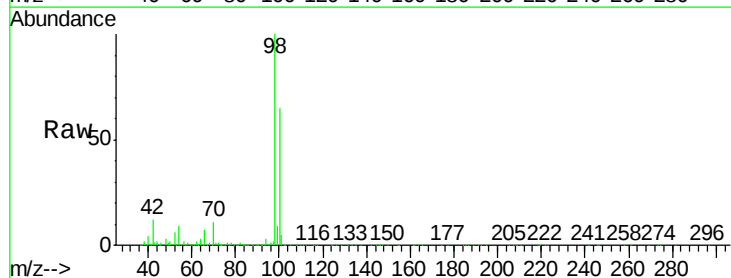
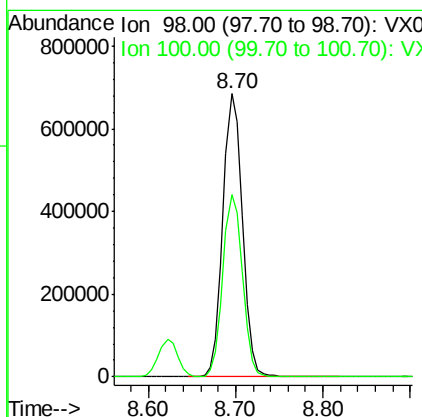
Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#50
Toluene-d8
Concen: 52.021 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 104.609 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 43 Resp: 915809

Ion Ratio Lower Upper

43 100

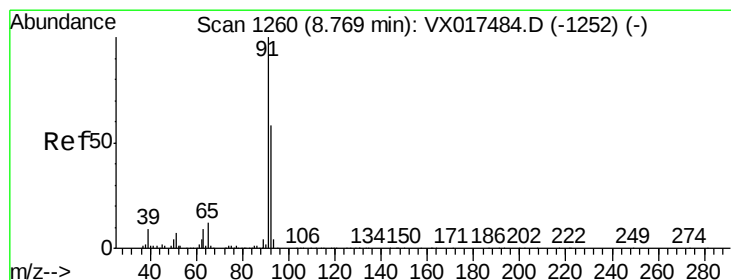
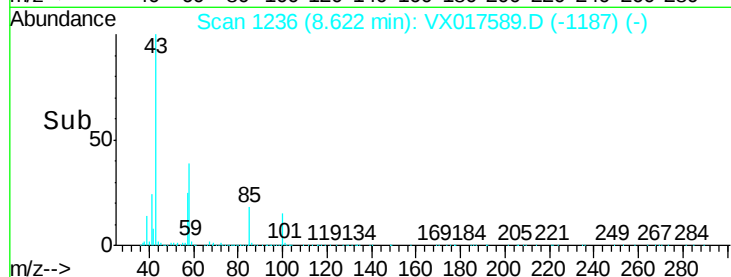
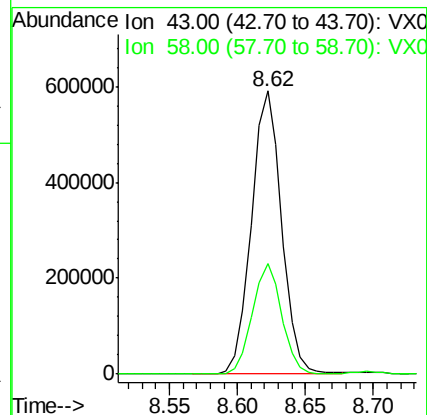
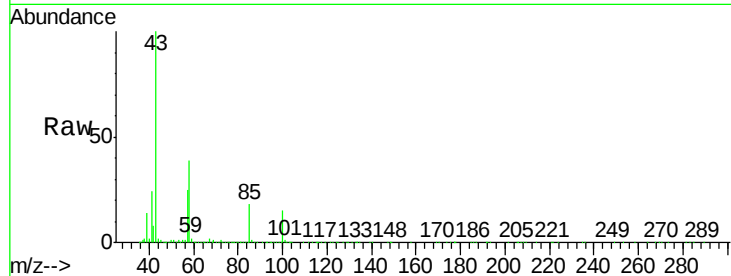
58 38.1 31.0 46.4

Manual Integrations

APPROVED

MMDadoda

7/27/2020 11:02:14 AM



#52

Toluene

Concen: 19.997 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017589.D

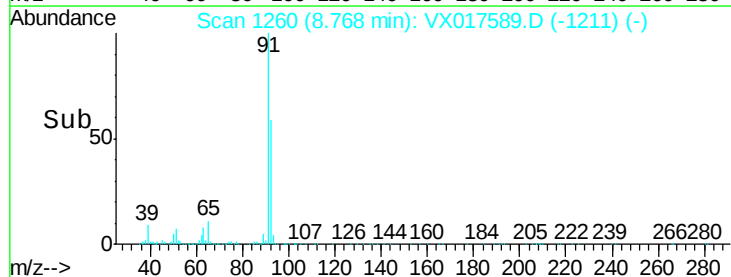
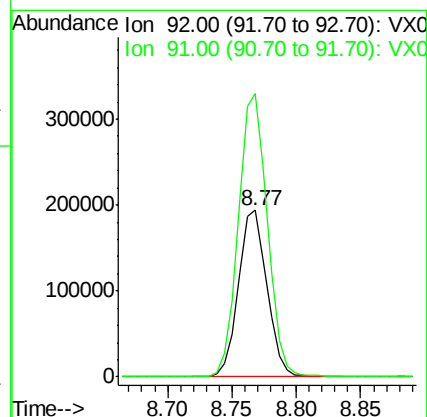
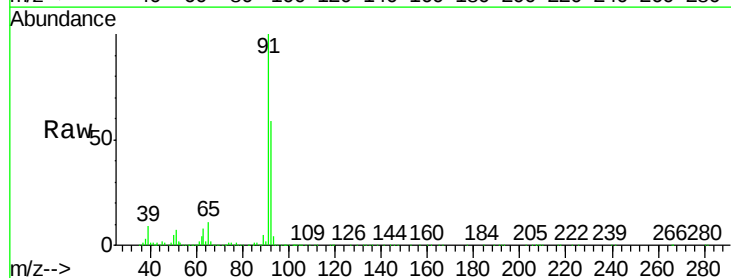
Acq: 25 Jul 2020 12:35

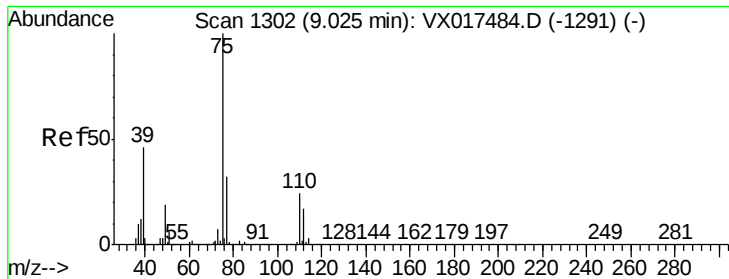
Tgt Ion: 92 Resp: 298828

Ion Ratio Lower Upper

92 100

91 173.1 137.6 206.4





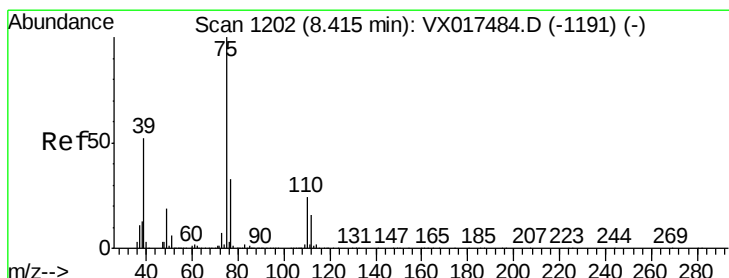
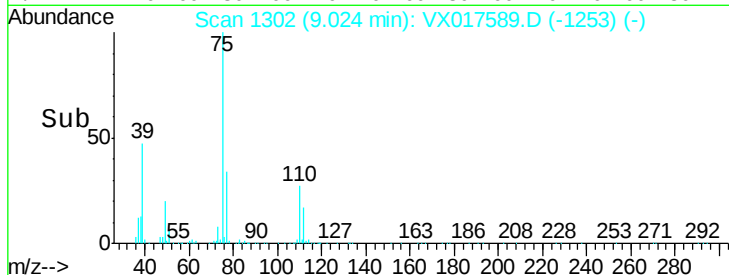
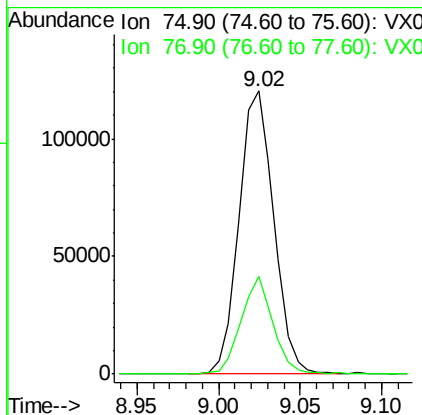
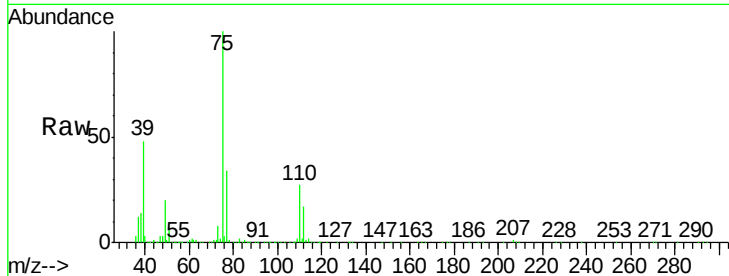
#53
t-1,3-Dichloropropene
Concen: 17.393 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion: 75 Resp: 178836
Ion Ratio Lower Upper
75 100
77 34.3 25.5 38.3

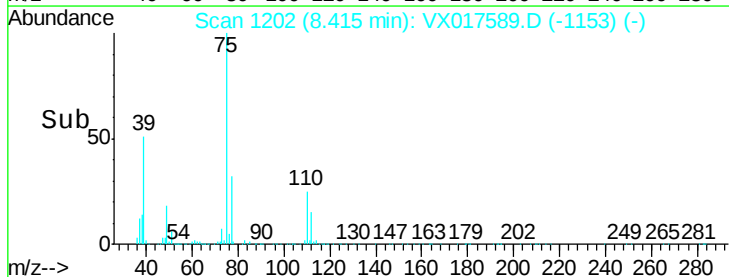
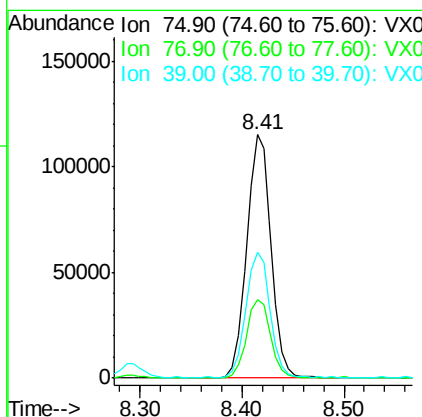
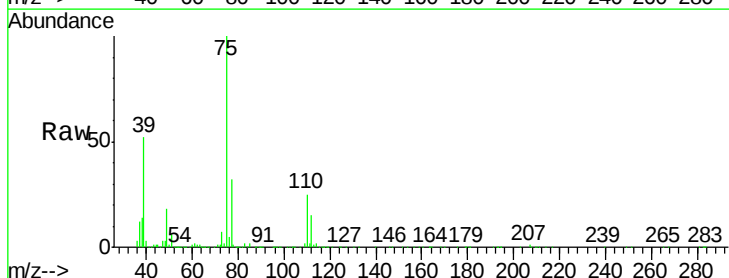
Manual Integrations
APPROVED

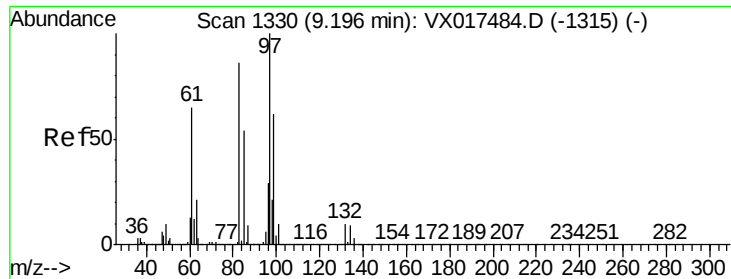
MMDadoda
7/27/2020 11:02:14 AM



#54
cis-1,3-Dichloropropene
Concen: 18.281 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion: 75 Resp: 191729
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 51.5 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 19.964 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

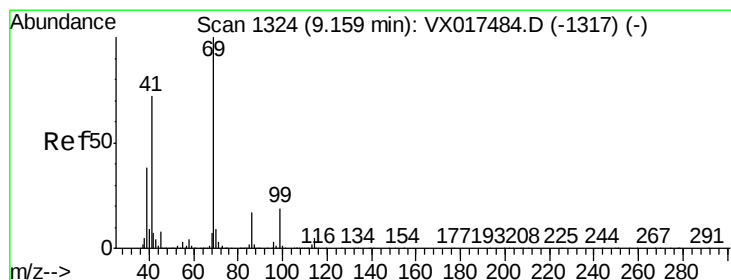
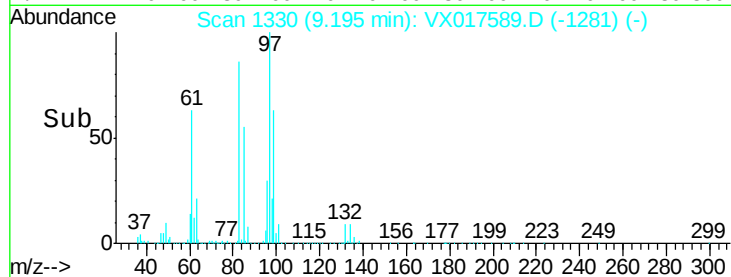
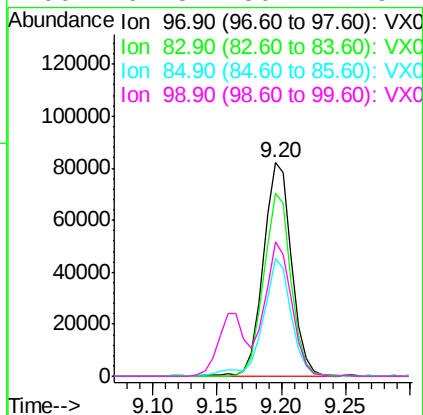
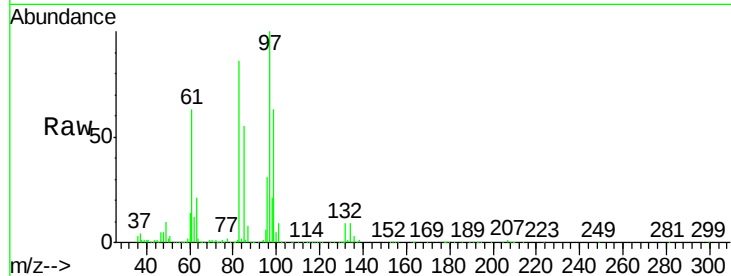
ClientSampleId :

VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.6	101.4
85	55.3	44.6	67.0
99	62.8	50.2	75.4

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#56

Ethyl methacrylate

Concen: 19.423 ug/l

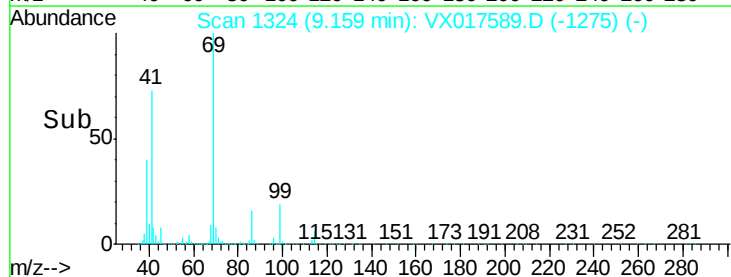
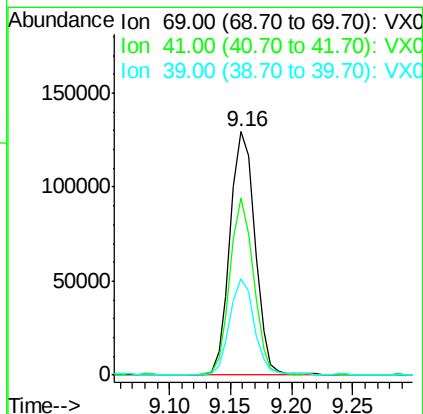
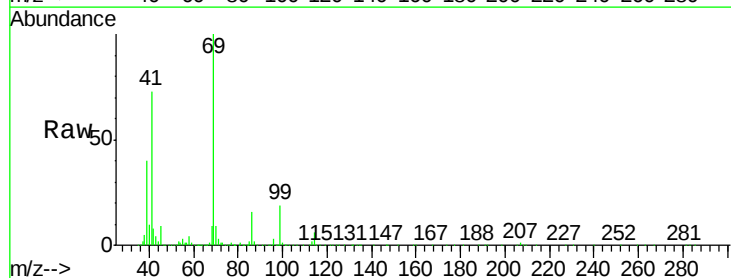
RT: 9.16 min Scan# 1324

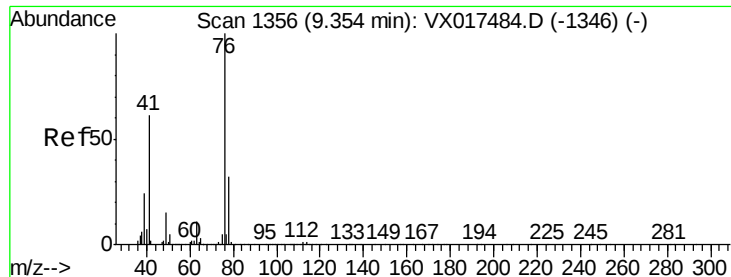
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.0	82.6
39	38.6	30.0	45.0





#57

1,3-Dichloropropane

Concen: 19.671 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 76 Resp: 201639

Ion Ratio Lower Upper

76 100

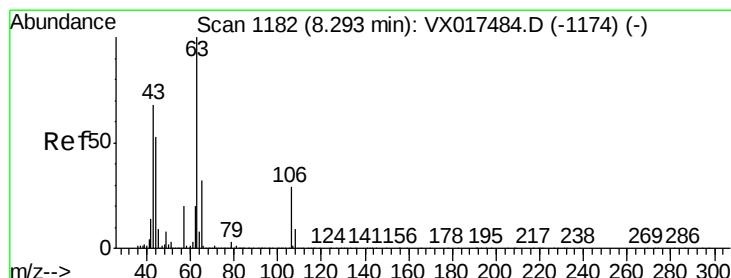
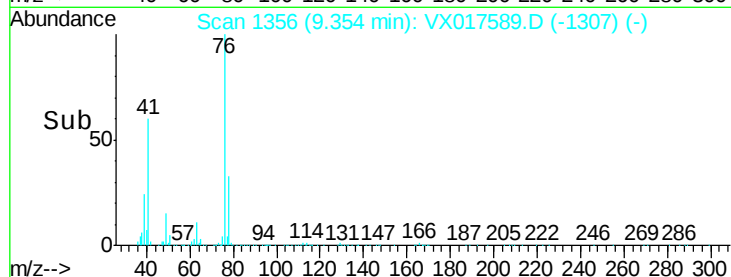
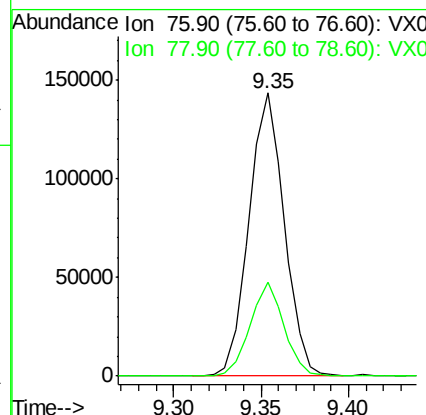
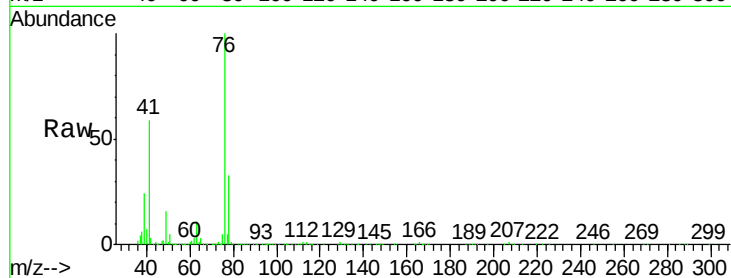
78 32.1 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

7/27/2020 11:02:14 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.625 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017589.D

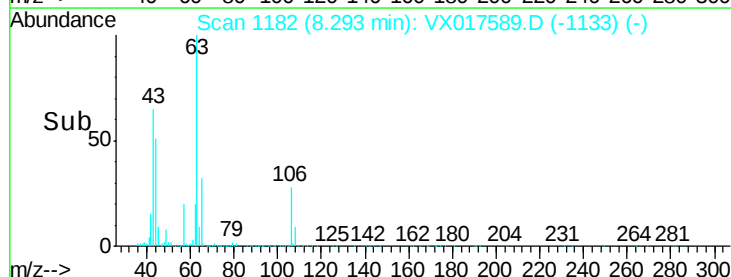
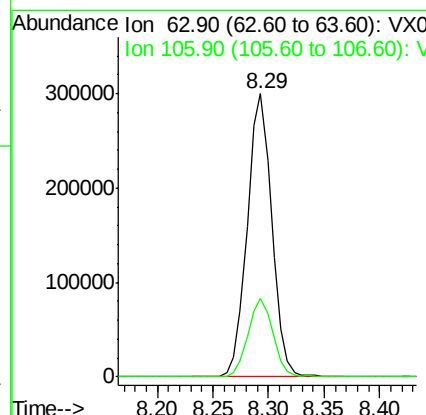
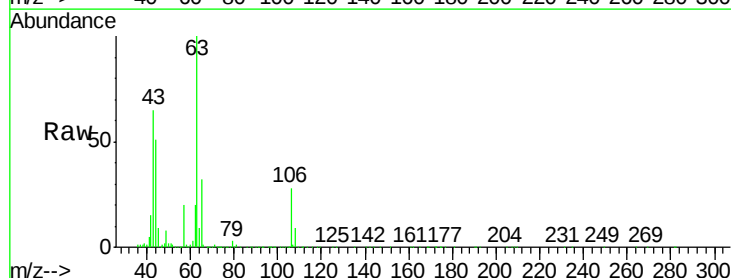
Acq: 25 Jul 2020 12:35

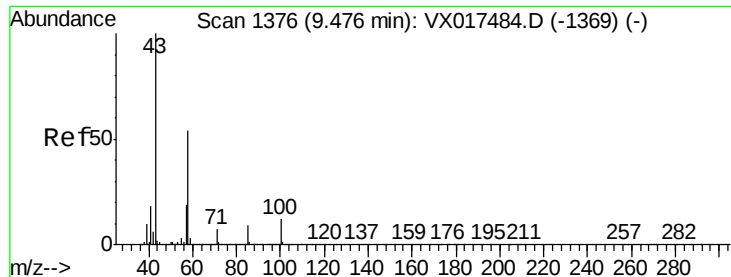
Tgt Ion: 63 Resp: 457672

Ion Ratio Lower Upper

63 100

106 28.3 22.6 34.0





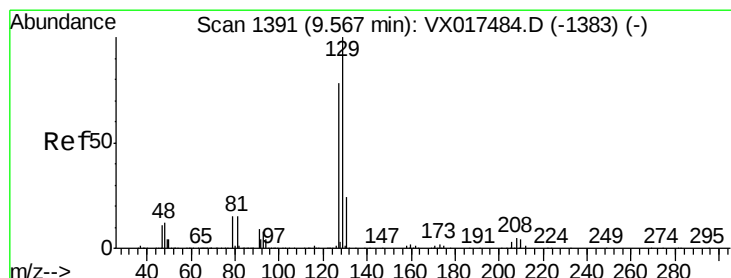
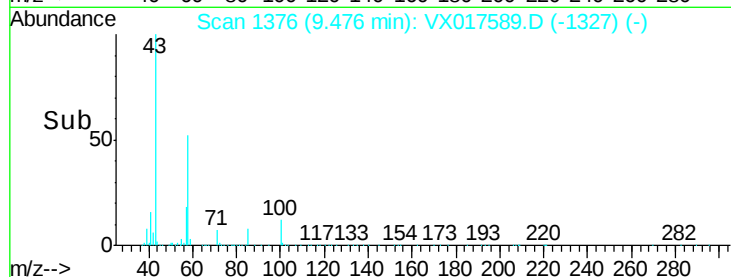
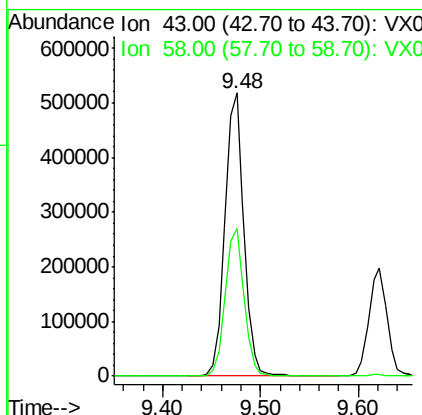
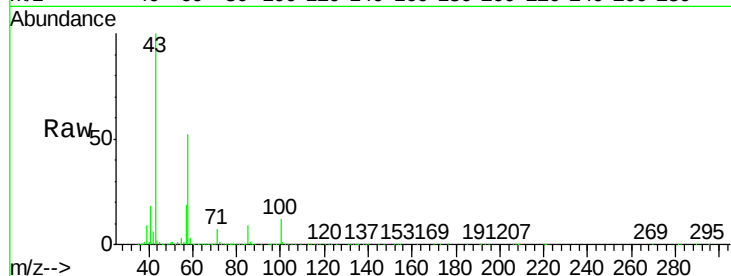
#59
2-Hexanone
Concen: 104.923 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion: 43 Resp: 691573
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.8

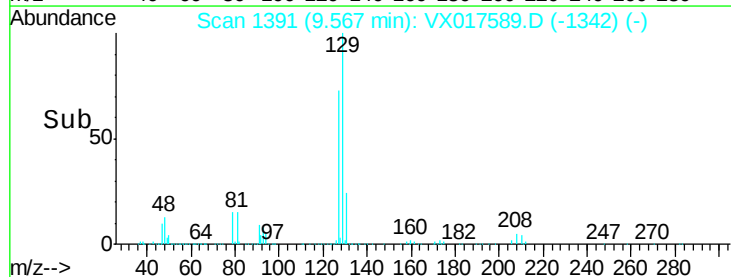
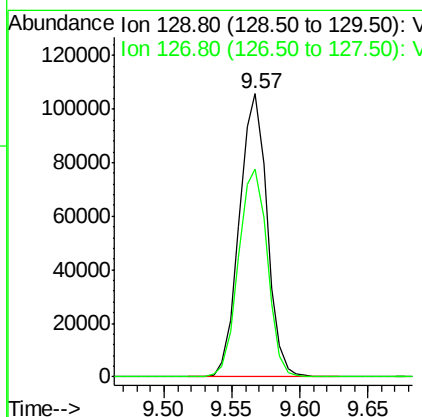
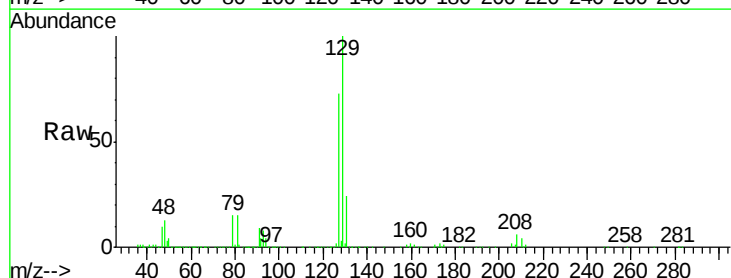
Manual Integrations
APPROVED

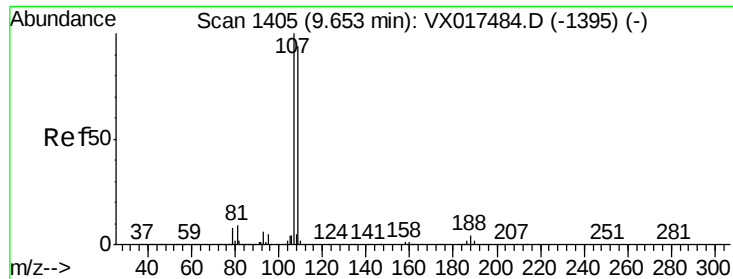
MMDadoda
7/27/2020 11:02:14 AM



#60
Dibromochloromethane
Concen: 19.089 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion: 129 Resp: 151035
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.166 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 107 Resp: 133653

Ion Ratio Lower Upper

107 100

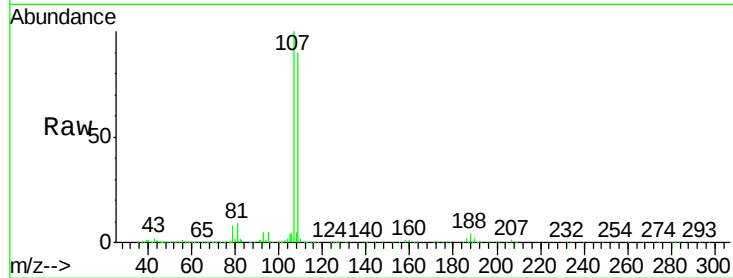
109 94.0 74.9 112.3

Manual Integrations

APPROVED

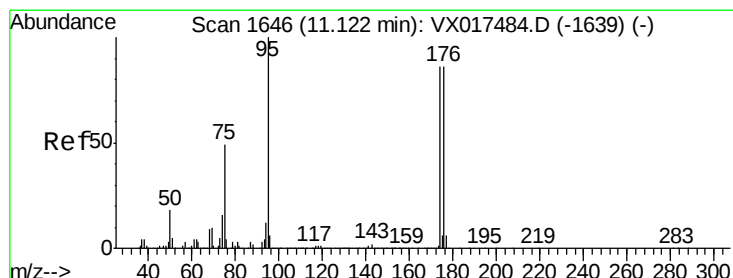
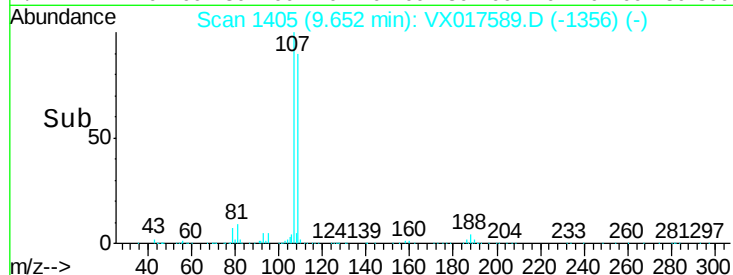
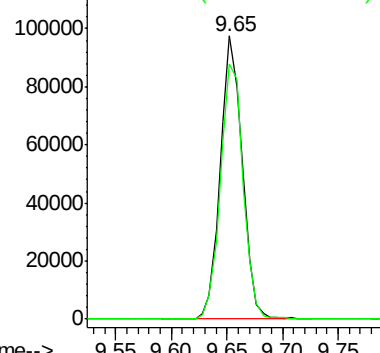
MMDadoda

7/27/2020 11:02:14 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.763 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

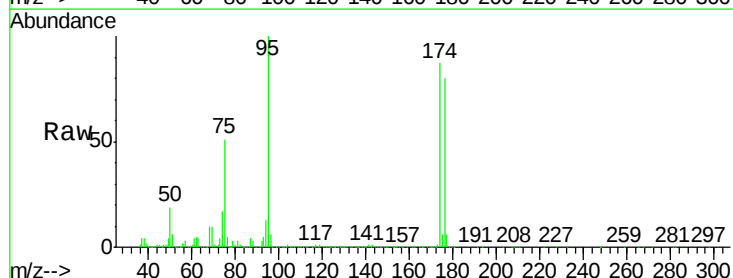
Tgt Ion: 95 Resp: 407186

Ion Ratio Lower Upper

95 100

174 85.1 0.0 169.0

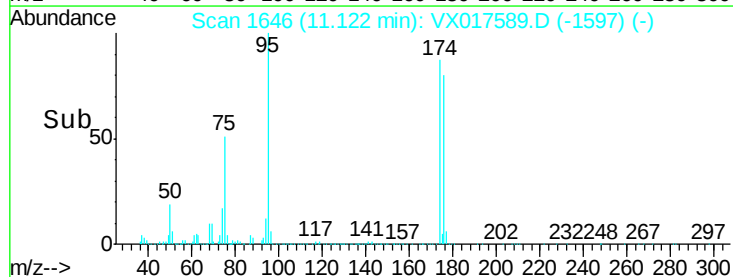
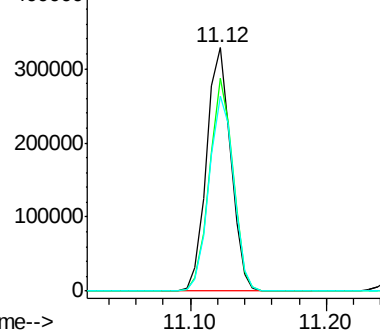
176 81.8 0.0 161.0

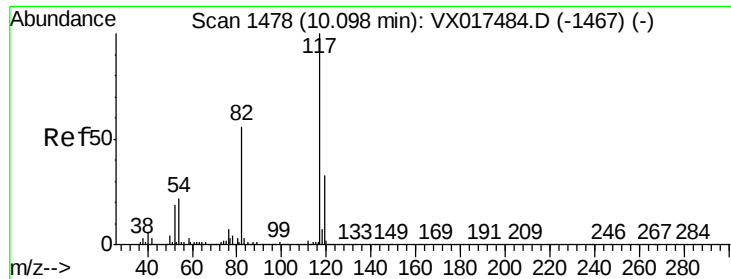


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





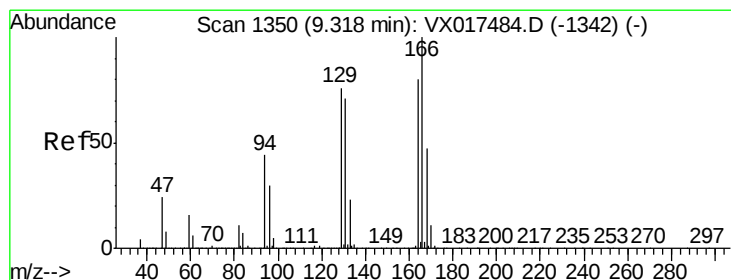
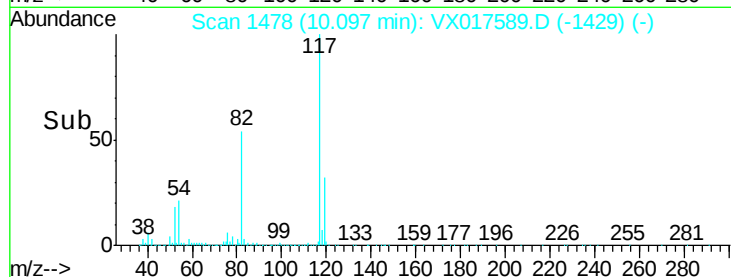
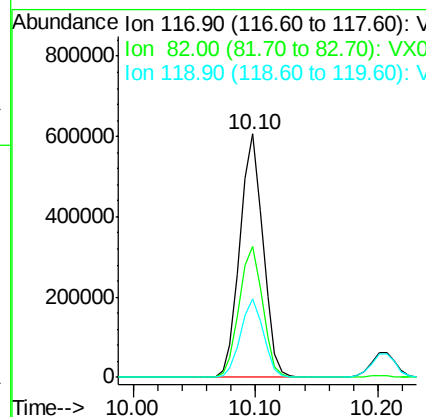
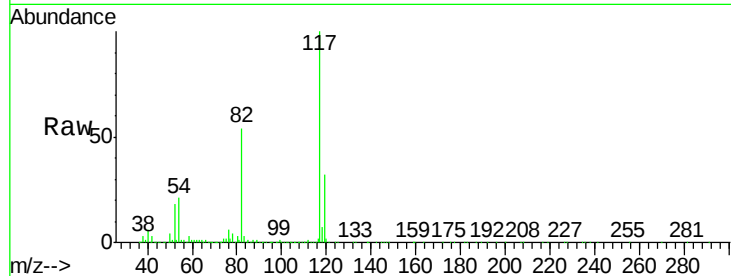
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.7	44.0	66.0
119	32.4	25.4	38.0

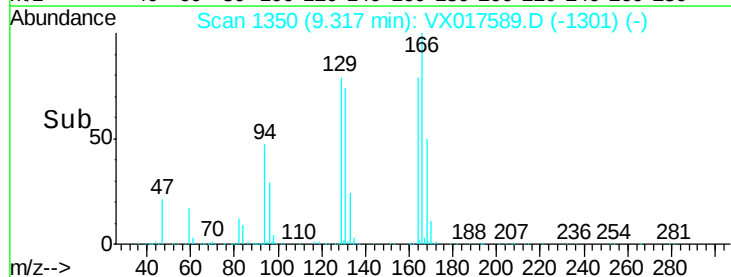
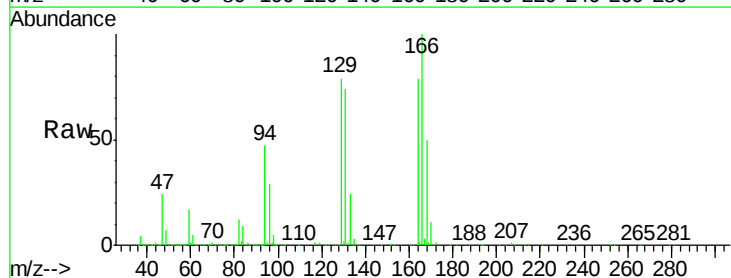
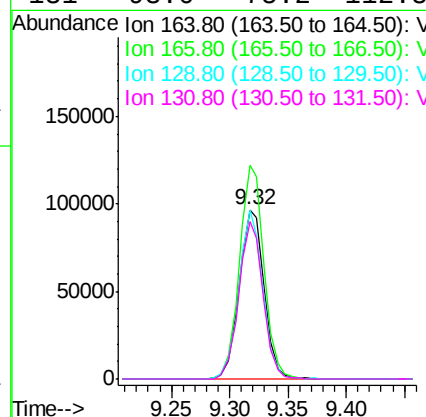
Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#64
Tetrachloroethene
Concen: 20.191 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.4	100.6	150.8
129	99.6	75.0	112.6
131	93.0	75.2	112.8





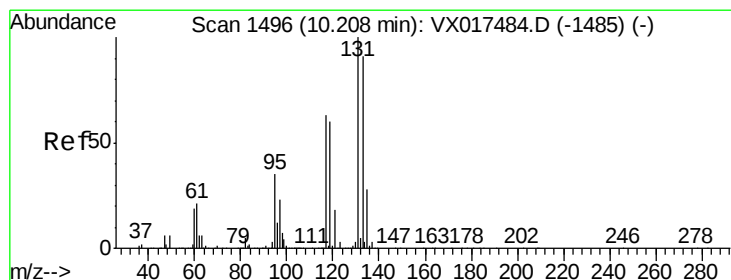
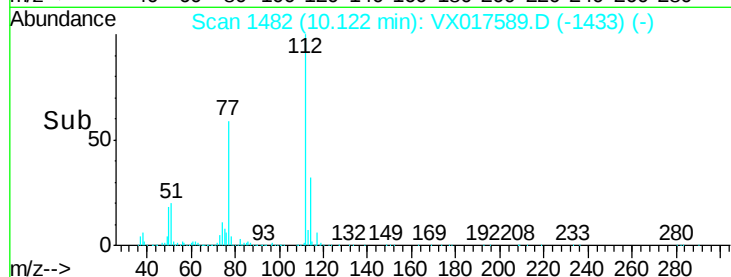
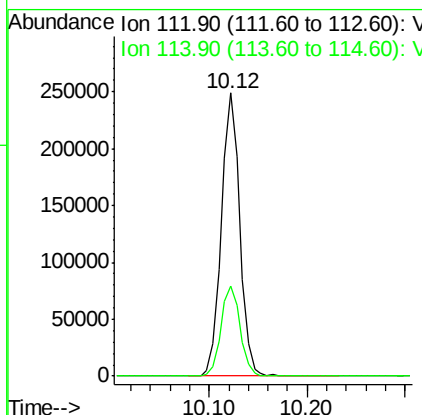
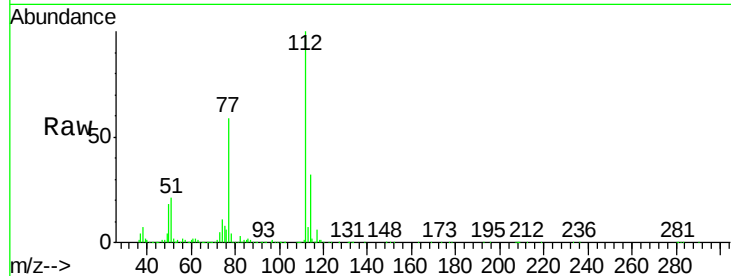
#65
Chlorobenzene
Concen: 19.052 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion:112 Resp: 325933
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

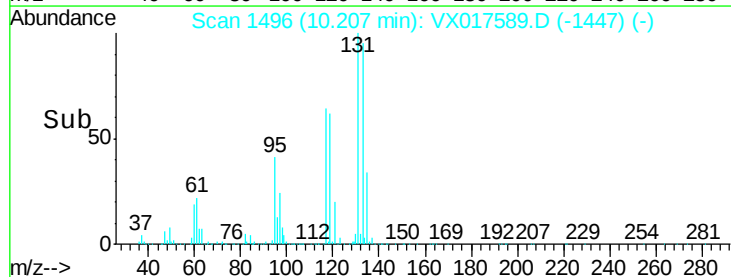
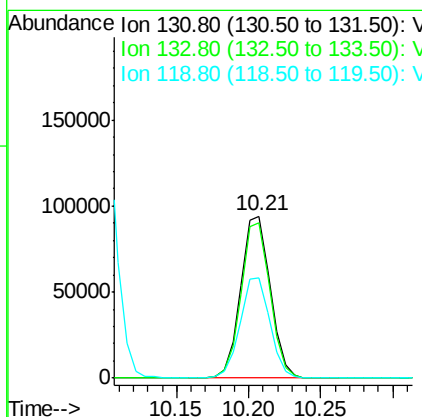
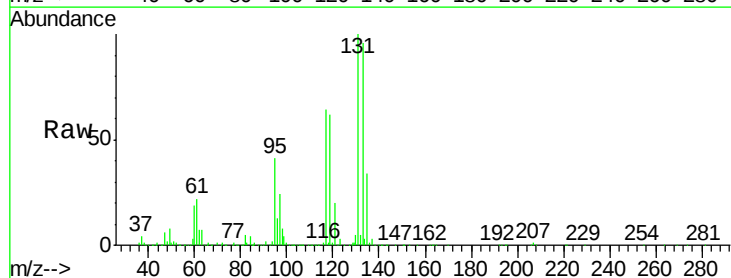
Manual Integrations
APPROVED

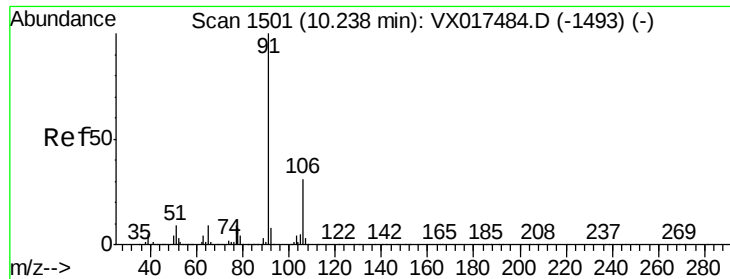
MMDadoda
7/27/2020 11:02:14 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.425 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion:131 Resp: 134121
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.6
119 61.9 31.1 93.3





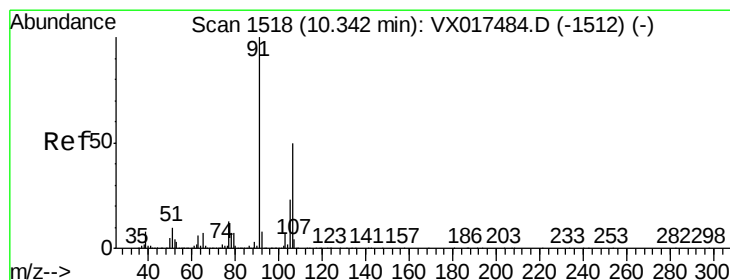
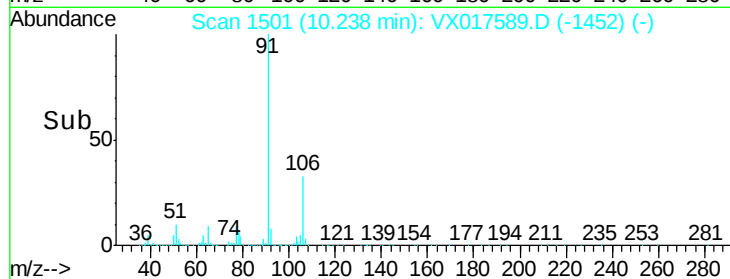
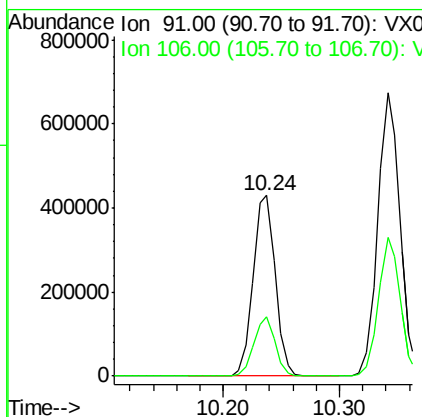
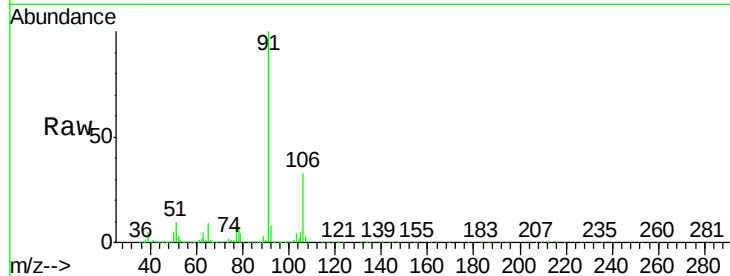
#67
Ethyl Benzene
Concen: 20.037 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion: 91 Resp: 572209
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.6

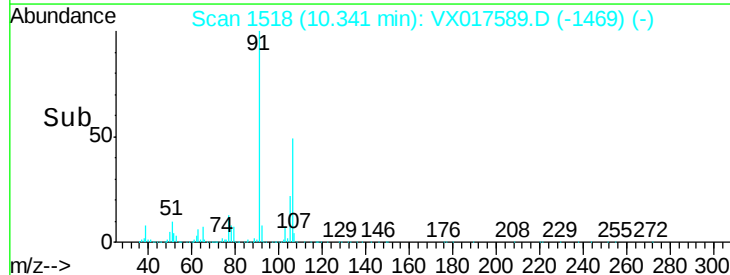
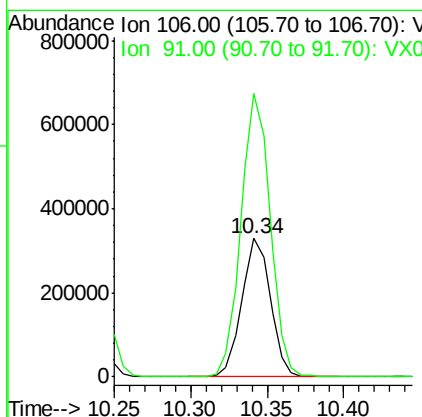
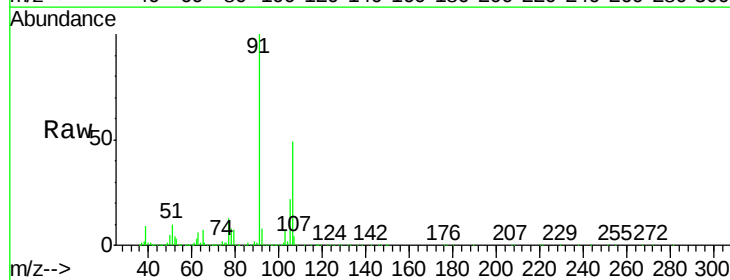
Manual Integrations
APPROVED

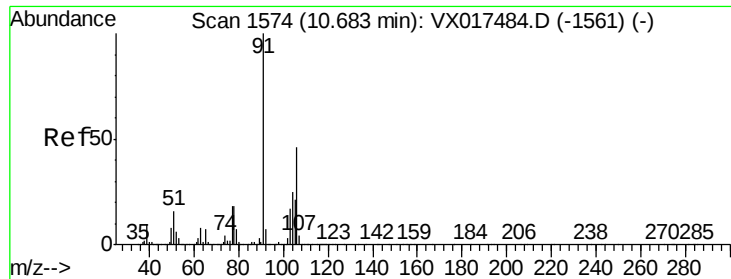
MMDadoda
7/27/2020 11:02:14 AM



#68
m/p-Xylenes
Concen: 38.958 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion: 106 Resp: 430989
Ion Ratio Lower Upper
106 100
91 207.4 160.9 241.3





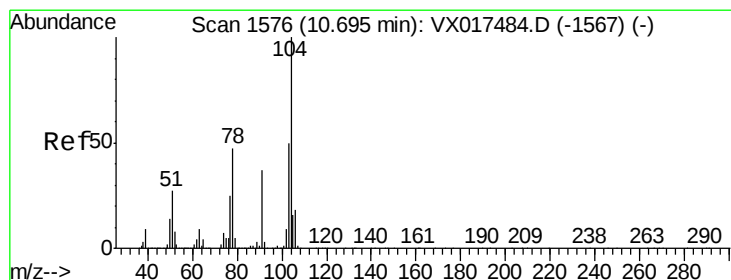
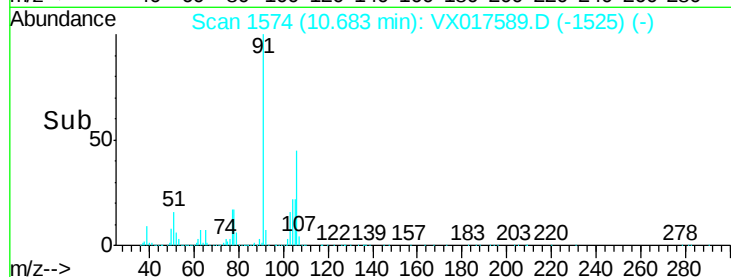
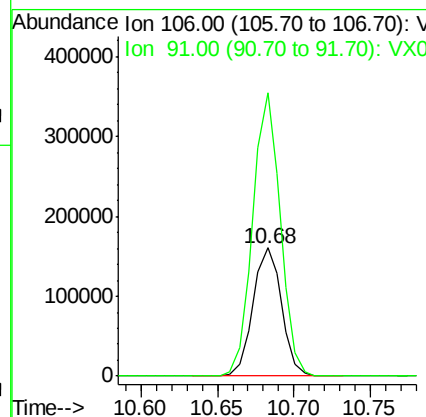
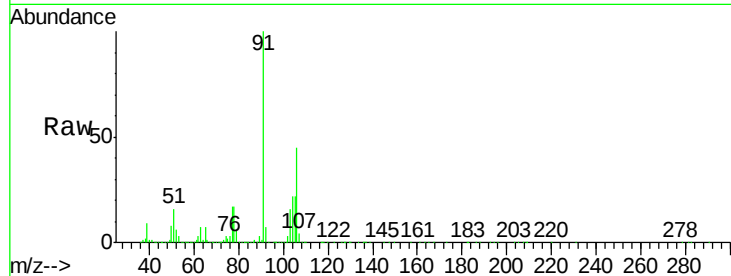
#69
o-Xylene
Concen: 19.577 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion:106 Resp: 208300
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6

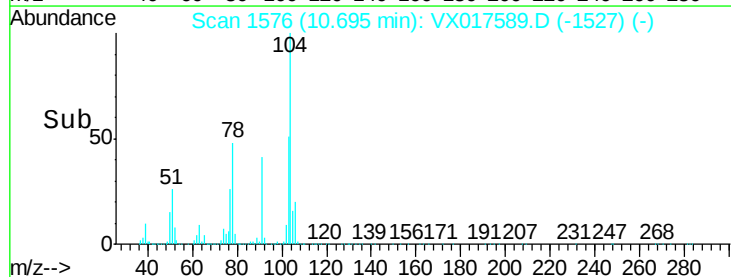
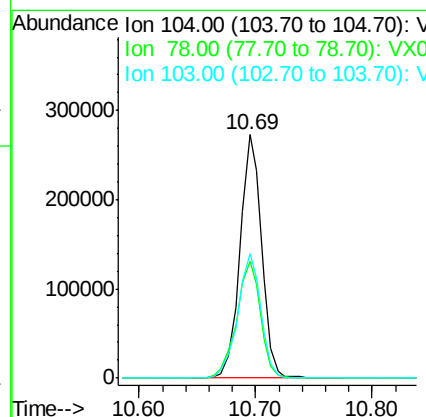
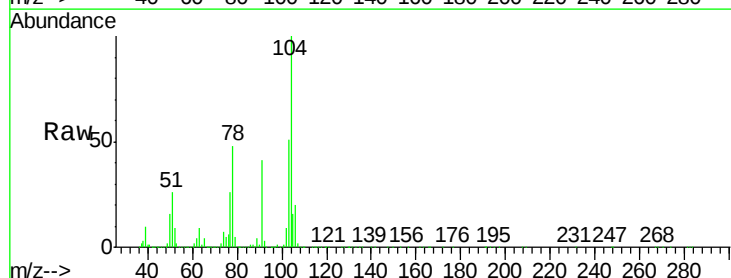
Manual Integrations
APPROVED

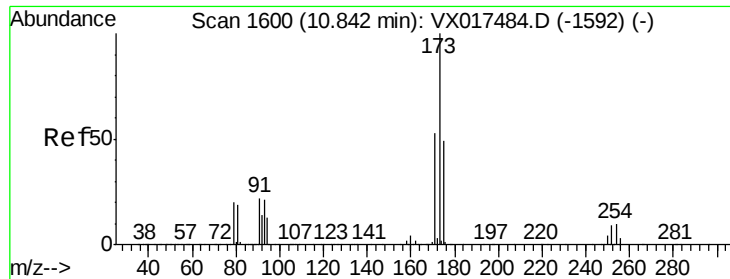
MMDadoda
7/27/2020 11:02:14 AM



#70
Styrene
Concen: 19.468 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion:104 Resp: 352438
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 54.7 44.3 66.5





#71

Bromoform

Concen: 19.506 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion:173 Resp: 116683

Ion Ratio Lower Upper

173 100

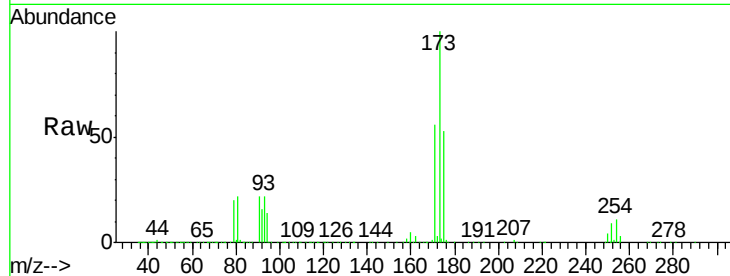
175 48.6 23.8 71.5

254 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda

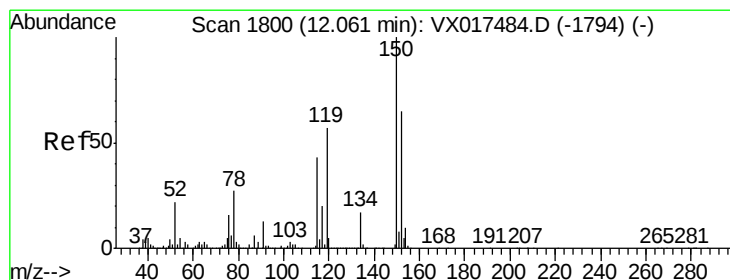
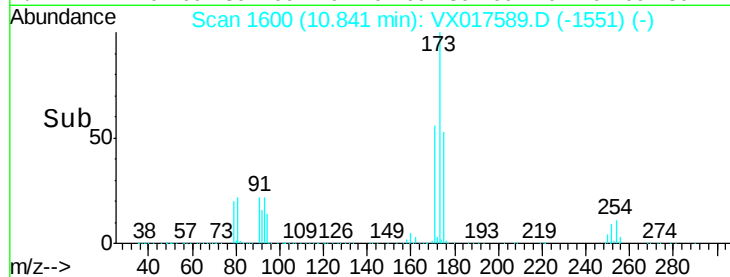
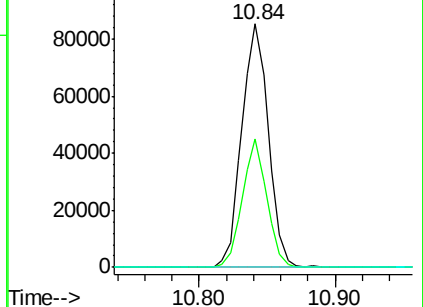
7/27/2020 11:02:14 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

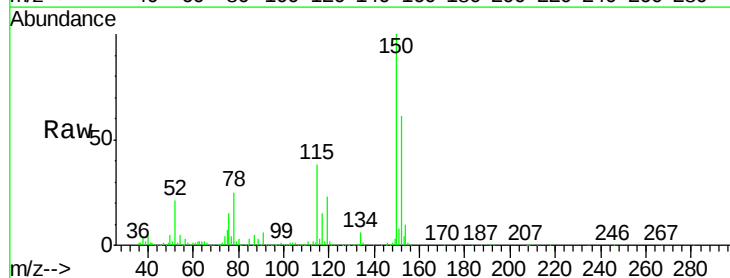
Tgt Ion:152 Resp: 393612

Ion Ratio Lower Upper

152 100

115 67.2 65.5 196.6

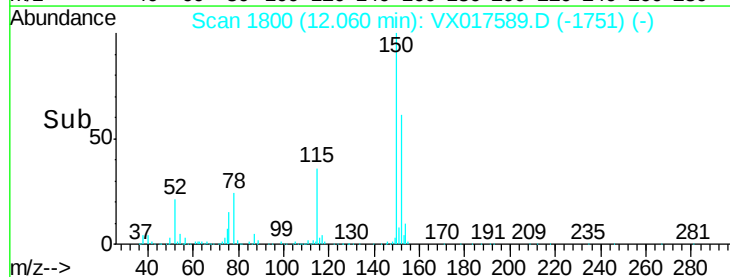
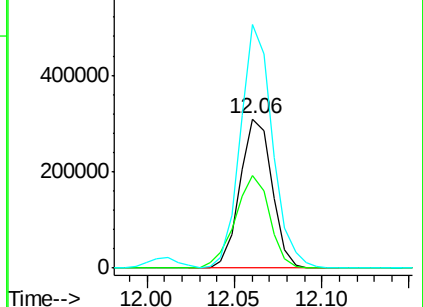
150 164.0 0.0 412.6

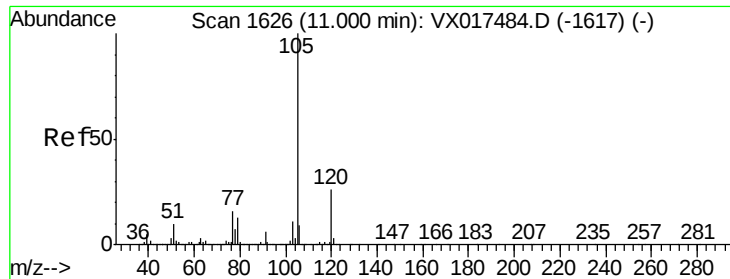


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.674 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 105 Resp: 558243

Ion Ratio Lower Upper

105 100

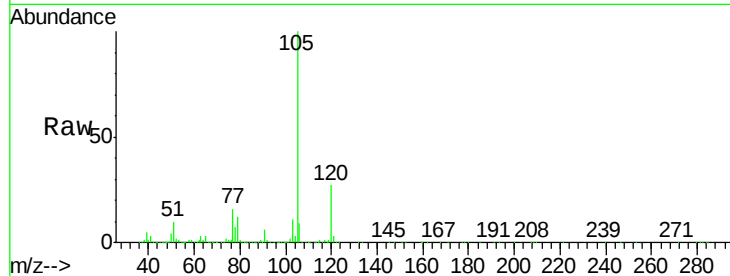
120 26.1 13.3 39.8

Manual Integrations

APPROVED

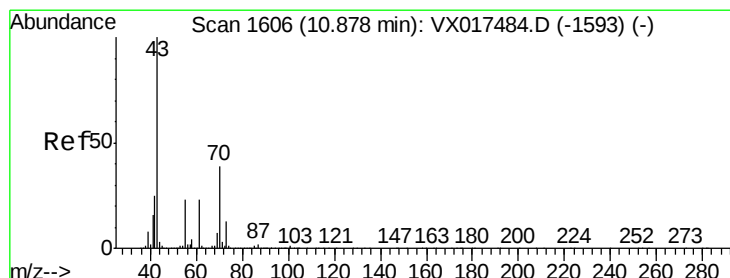
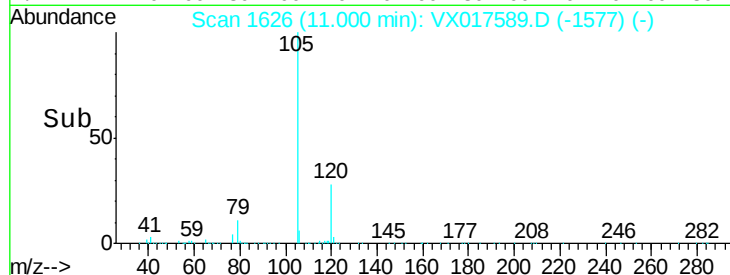
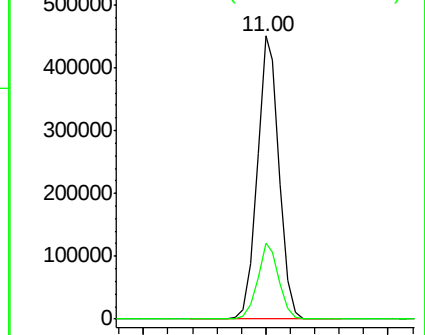
MMDadoda

7/27/2020 11:02:14 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: 20.387 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion: 43 Resp: 244592

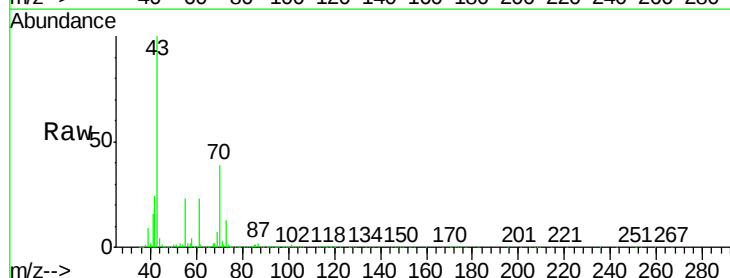
Ion Ratio Lower Upper

43 100

70 41.4 32.3 48.5

55 24.4 18.4 27.6

61 24.1 18.6 28.0

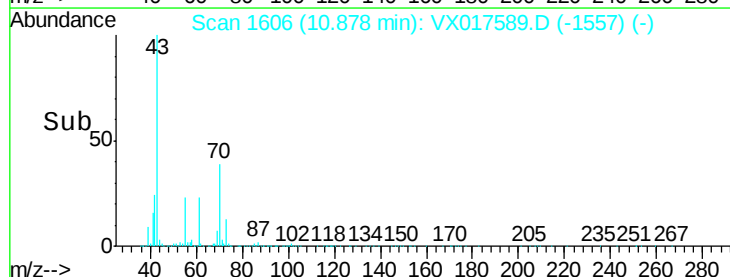
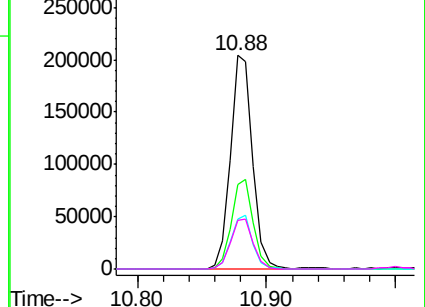


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.230 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

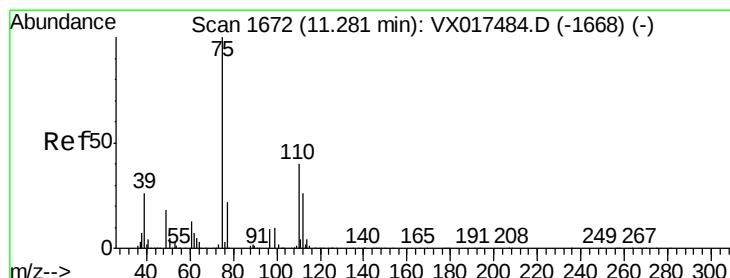
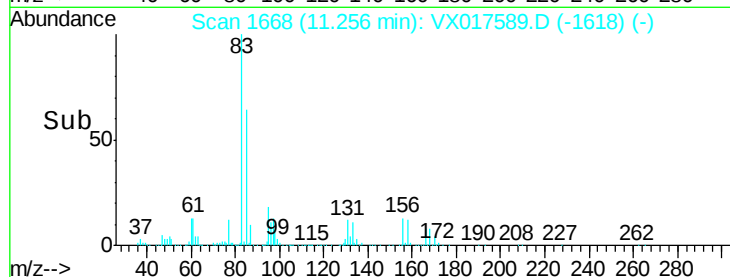
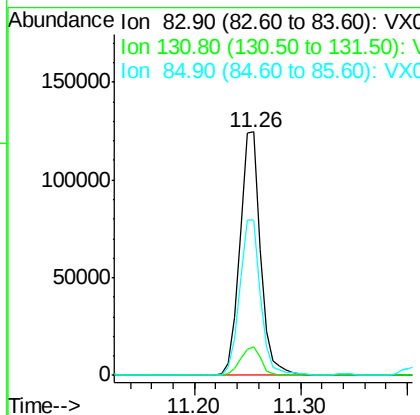
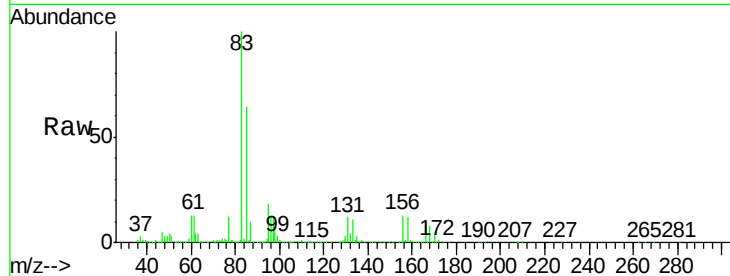
ClientSampleId :

VX0724WBSD03

Tgt Ion:	83	Resp:	170504
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.5
85	64.8	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#76

1,2,3-Trichloropropane

Concen: 21.279 ug/l m

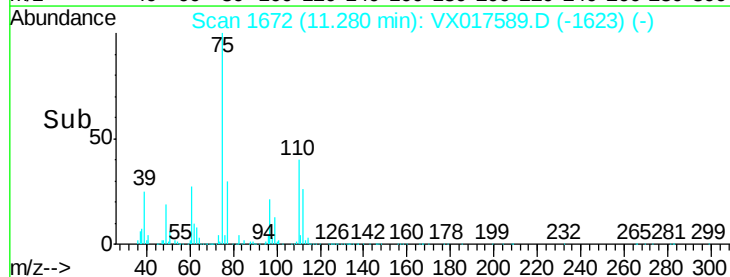
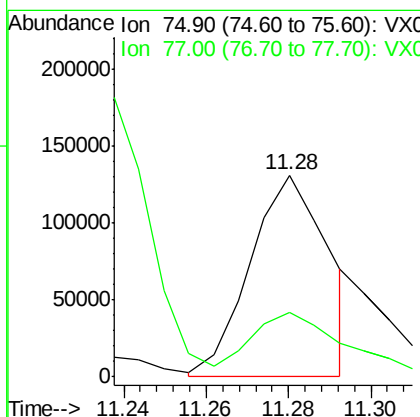
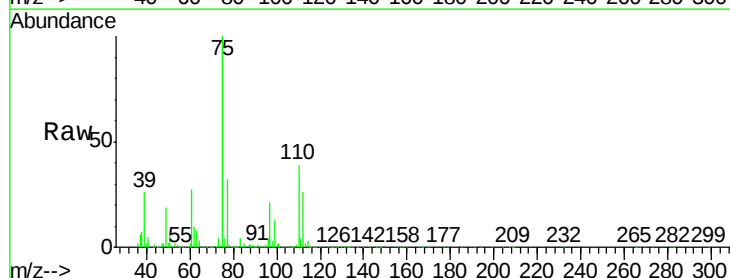
RT: 11.28 min Scan# 1672

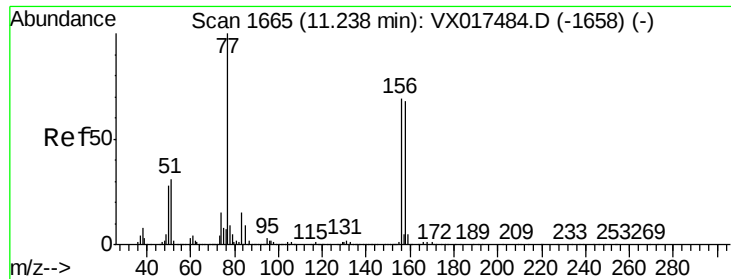
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	75	Resp:	172288
Ion Ratio	Lower	Upper	
75	100		
77	39.3	21.8	65.3





#77

Bromobenzene

Concen: 20.345 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

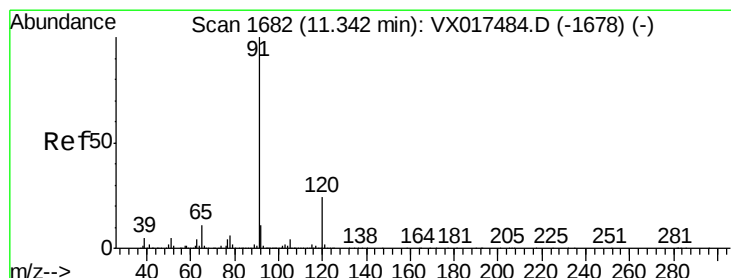
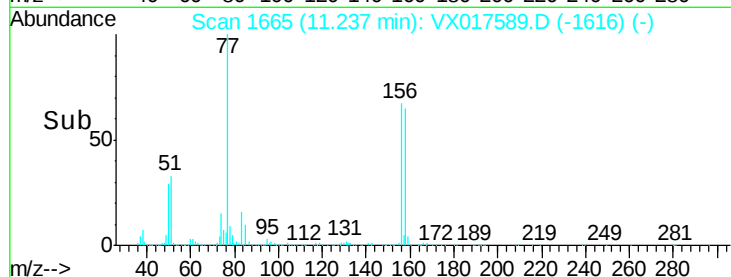
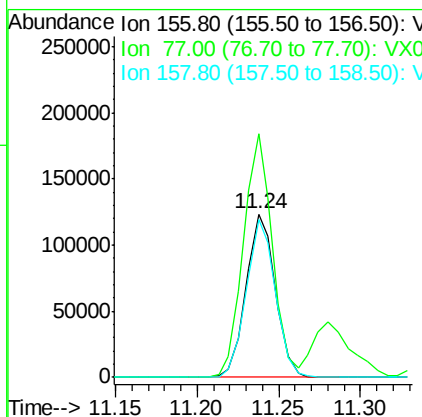
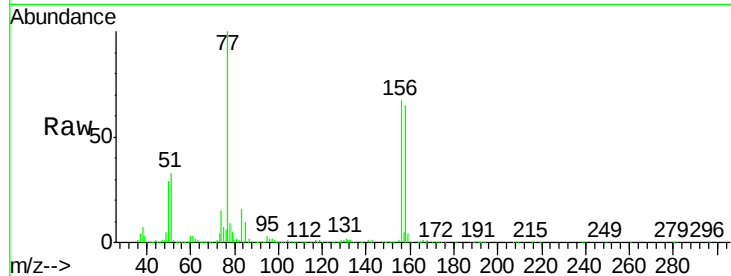
ClientSampleId :

VX0724WBSD03

Tgt Ion:	156	Resp:	153795
Ion Ratio	Lower	Upper	
156	100		
77	148.1	75.0	225.0
158	96.8	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#78

n-propylbenzene

Concen: 20.581 ug/l

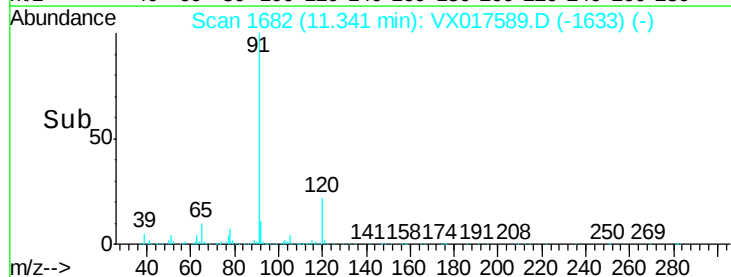
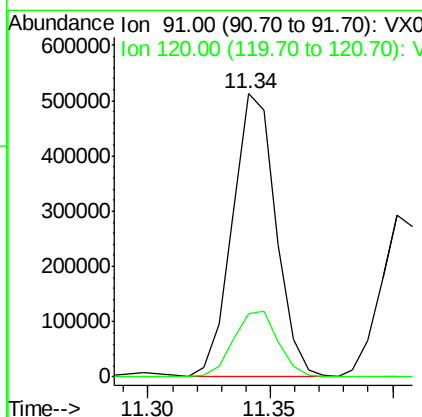
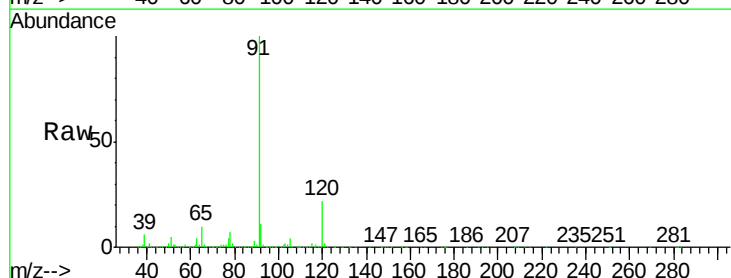
RT: 11.34 min Scan# 1682

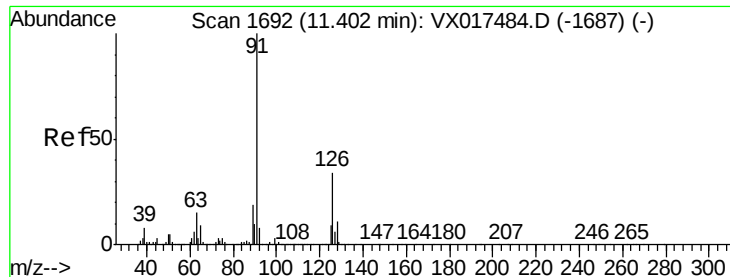
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	91	Resp:	626773
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.2	36.4





#79

2-Chlorotoluene

Concen: 19.748 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD03

Tgt Ion: 91 Resp: 372562

Ion Ratio Lower Upper

91 100

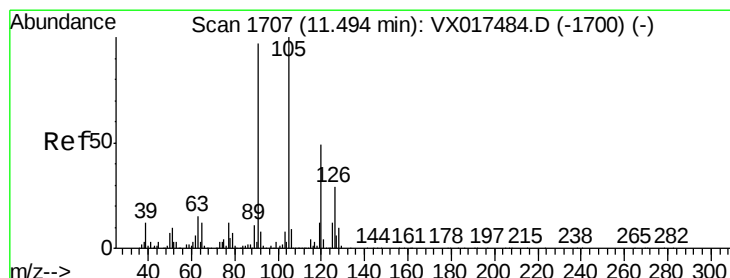
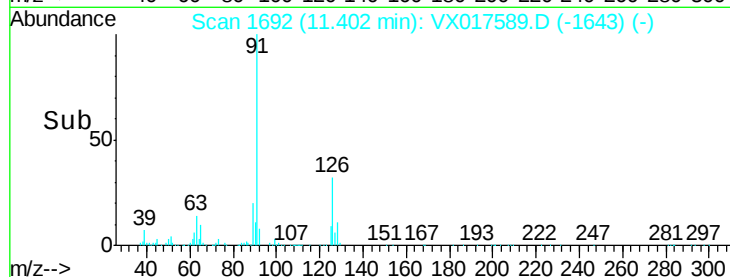
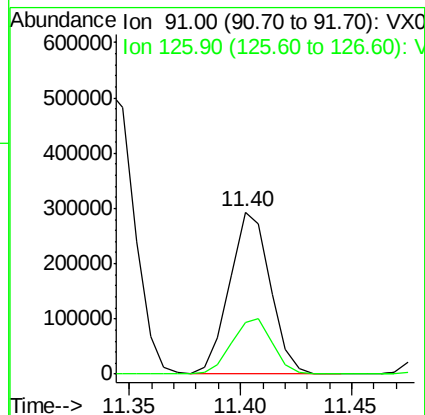
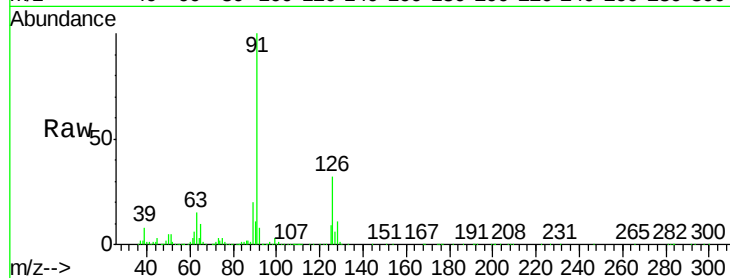
126 34.7 17.5 52.5

Manual Integrations

APPROVED

MMDadoda

7/27/2020 11:02:14 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.423 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017589.D

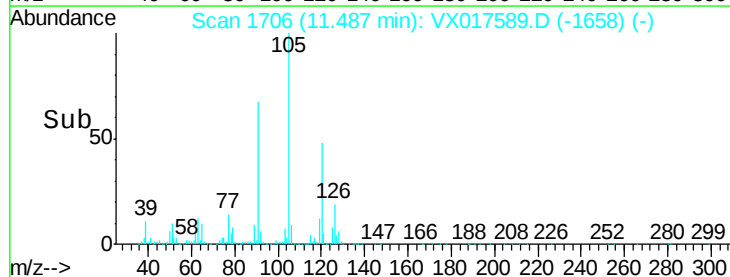
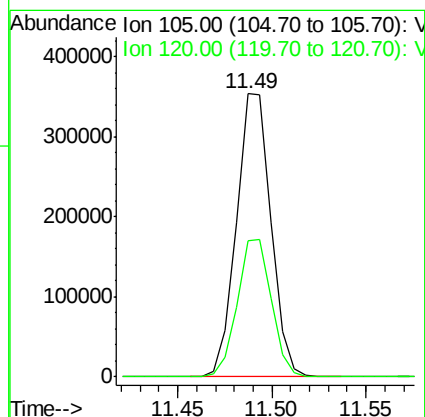
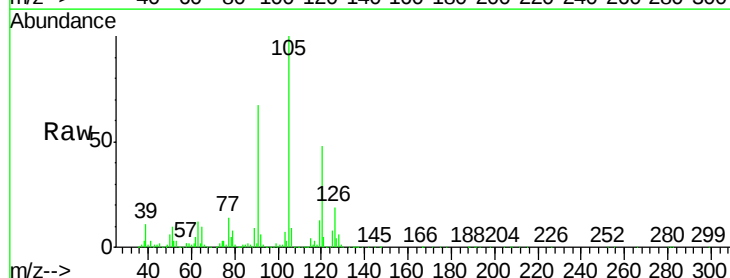
Acq: 25 Jul 2020 12:35

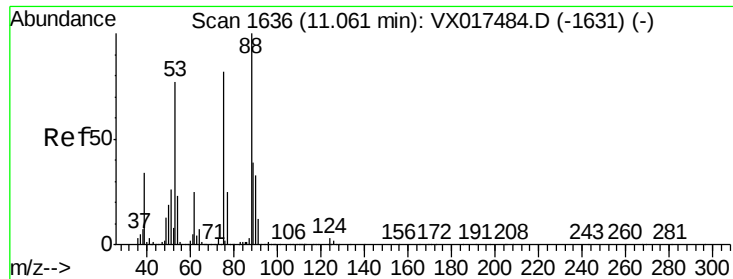
Tgt Ion: 105 Resp: 447799

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.618 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

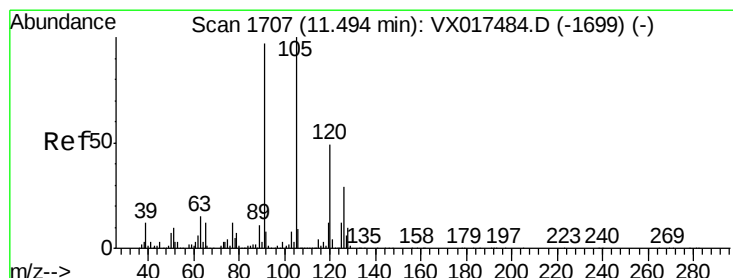
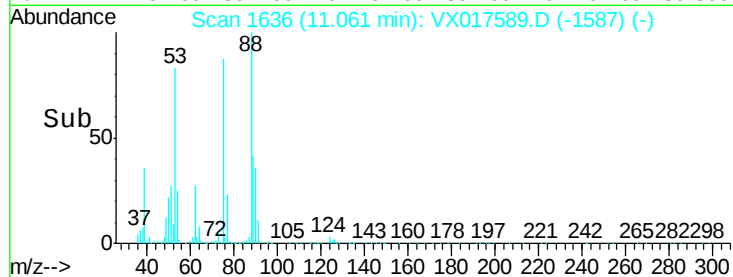
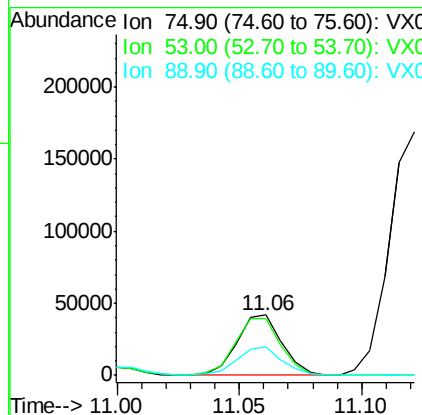
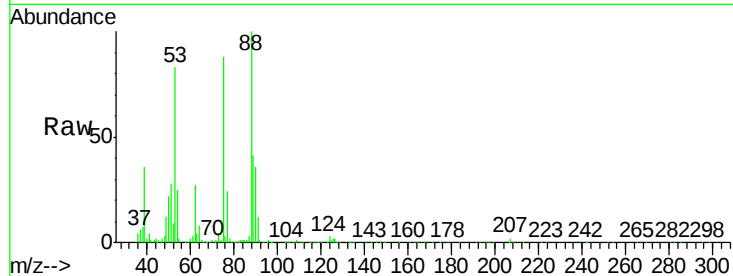
ClientSampleId :

VX0724WBSD03

Tgt Ion:	75	Resp:	53400
Ion	Ratio	Lower	Upper
75	100		
53	96.4	75.9	113.9
89	47.4	37.8	56.6

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#82

4-Chlorotoluene

Concen: 19.303 ug/l

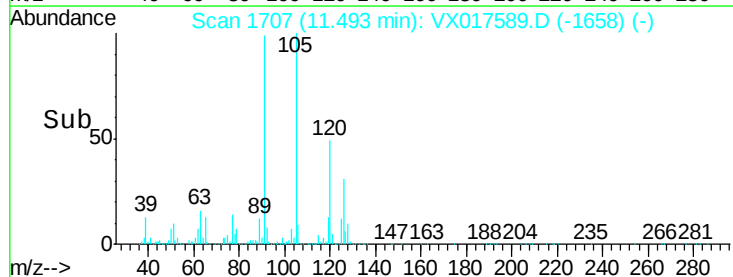
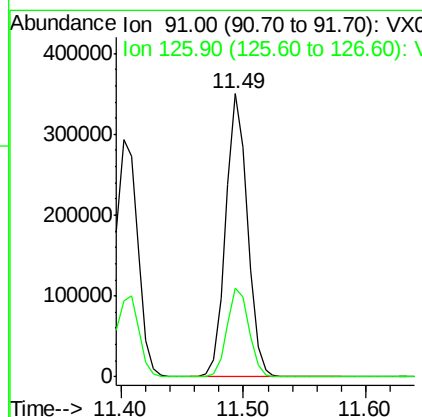
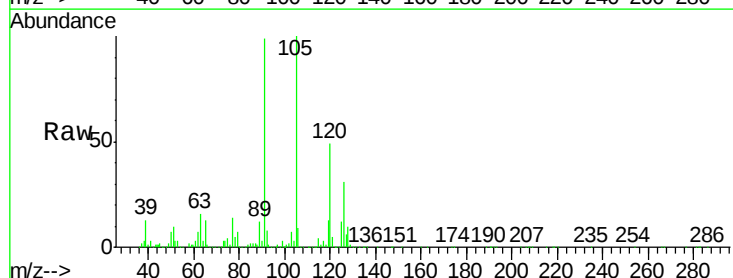
RT: 11.49 min Scan# 1707

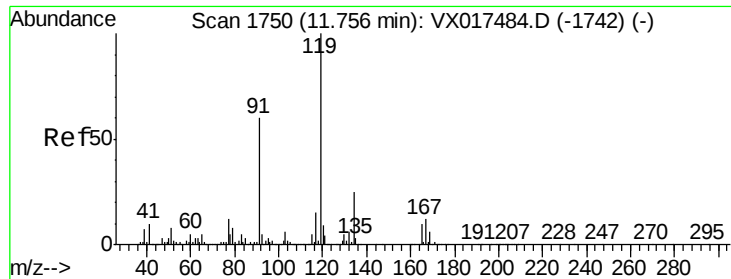
Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	91	Resp:	429566
Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.2	45.6





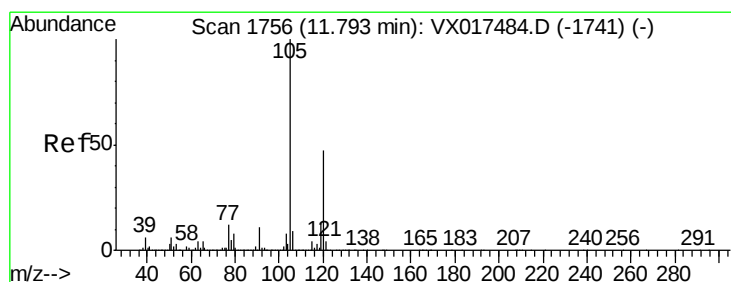
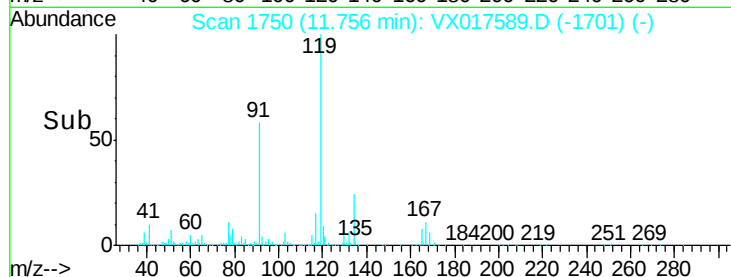
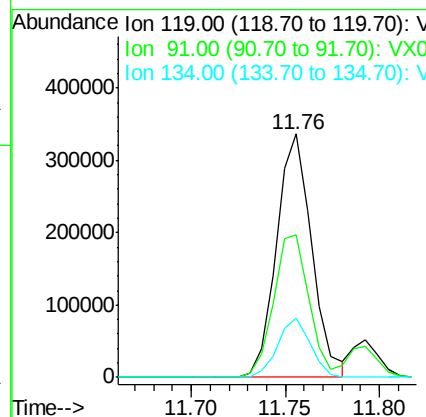
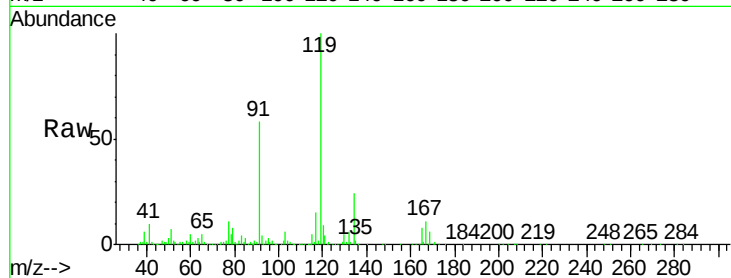
#83
 tert-Butylbenzene
 Concen: 19.751 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	435720		
91	58.8	29.3	88.0	
134	22.8	11.2	33.6	

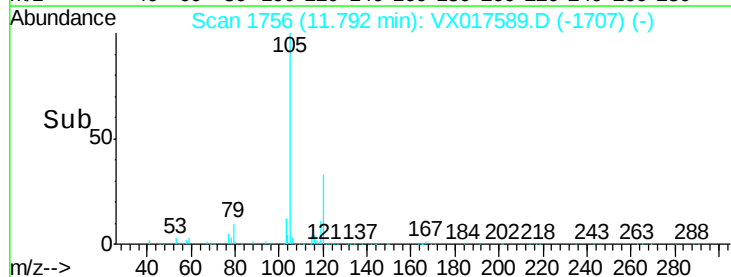
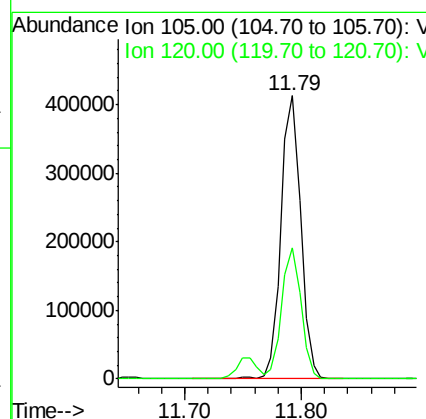
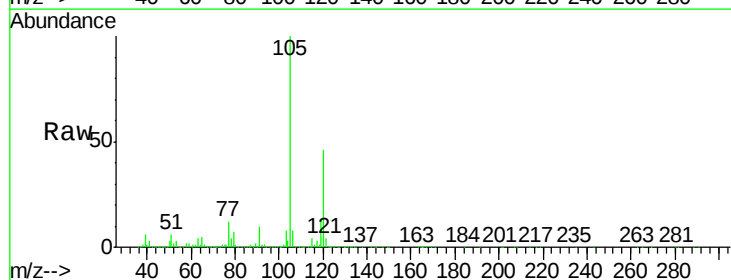
Manual Integrations
 APPROVED

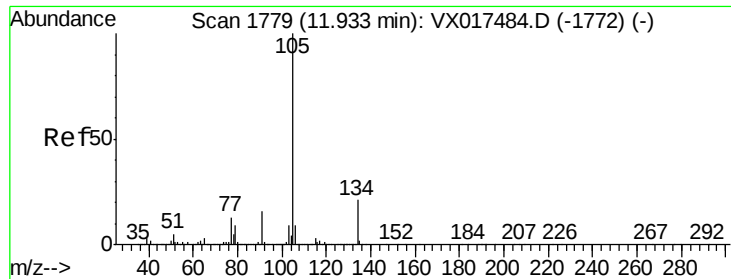
MMDadoda
 7/27/2020 11:02:14 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.978 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	481039		
120	45.4	22.7	68.0	





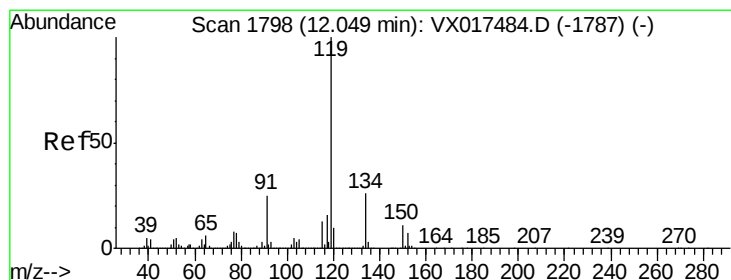
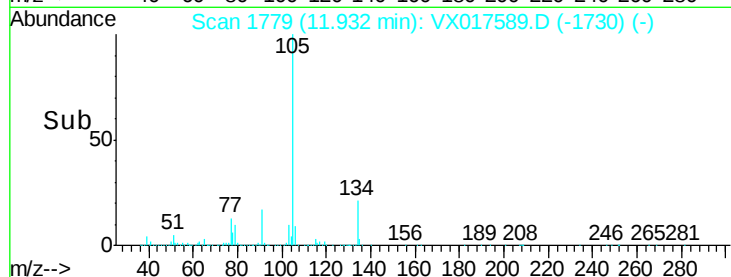
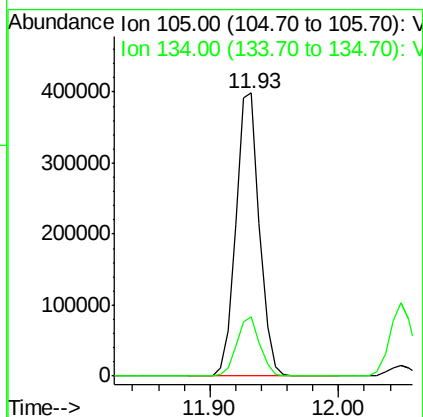
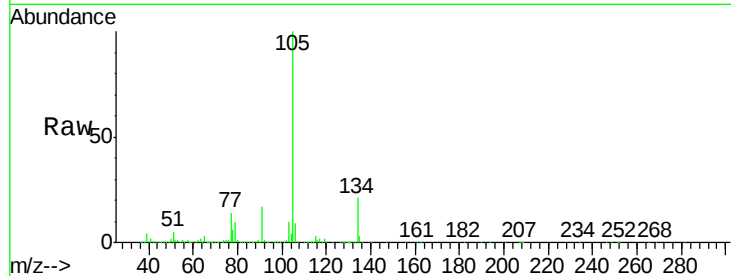
#85
 sec-Butylbenzene
 Concen: 19.654 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

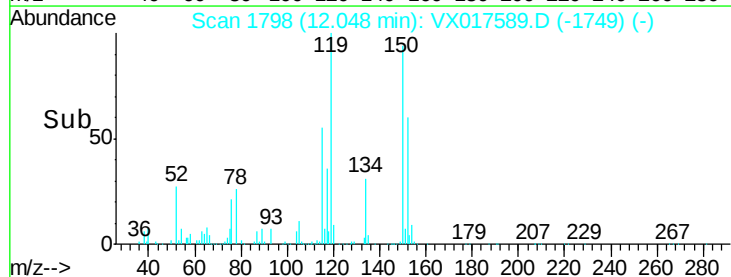
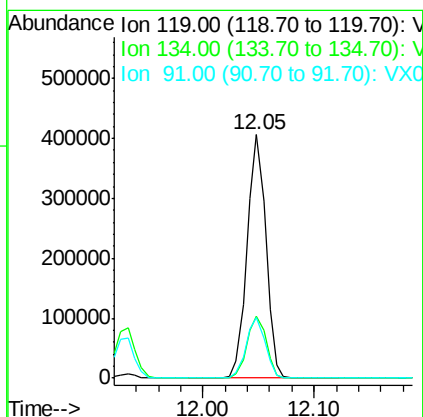
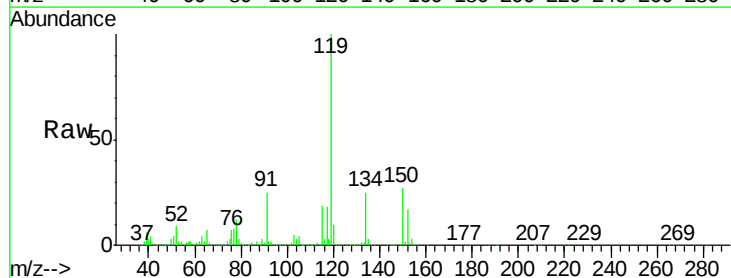
Manual Integrations
 APPROVED

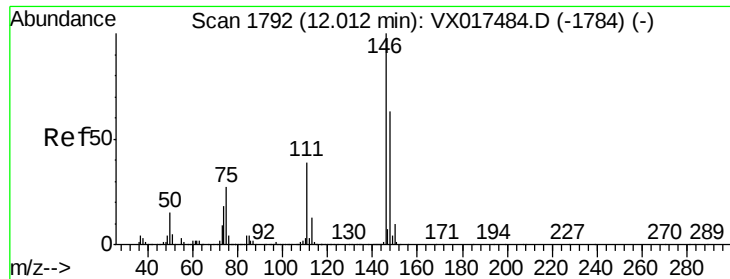
MMDadoda
 7/27/2020 11:02:14 AM



#86
 p-Isopropyltoluene
 Concen: 19.418 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	25.5	12.1	36.3





#87

1,3-Dichlorobenzene

Concen: 20.114 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

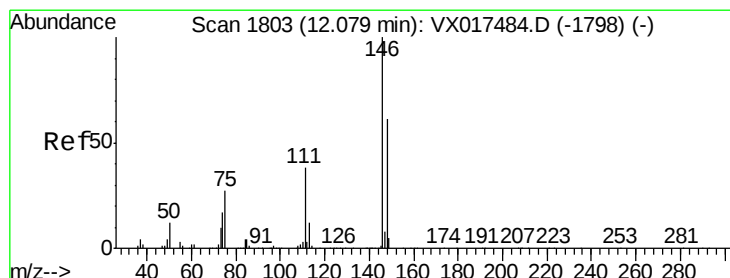
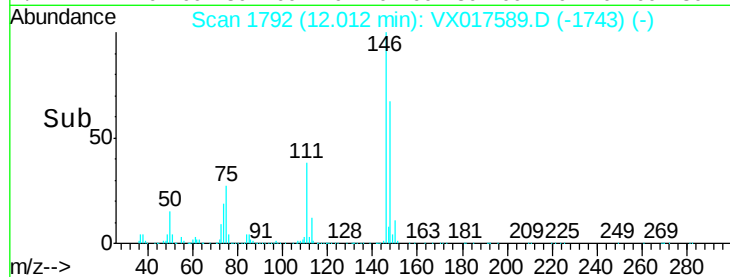
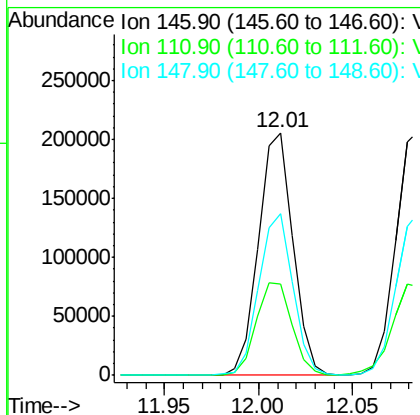
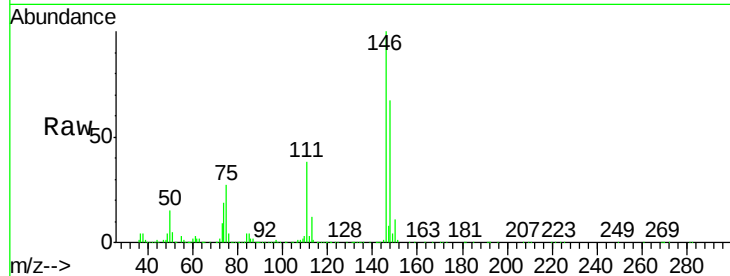
ClientSampleId :

VX0724WBSD03

Tgt Ion:	146	Resp:	261108
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.7
148	65.7	31.6	95.0

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#88

1,4-Dichlorobenzene

Concen: 19.124 ug/l

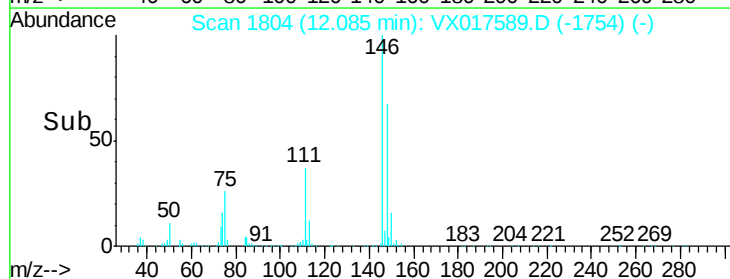
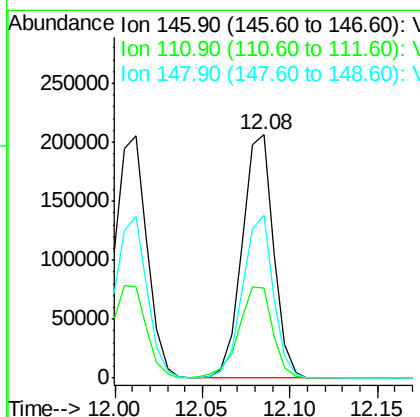
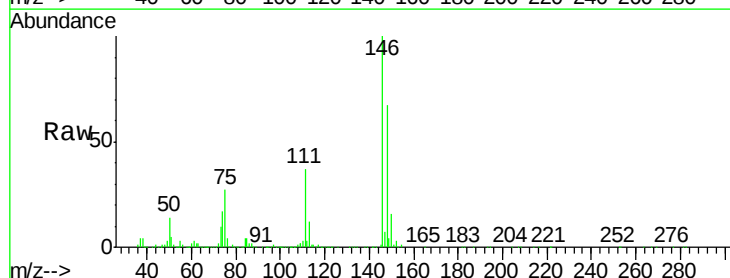
RT: 12.08 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	146	Resp:	257140
Ion Ratio	Lower	Upper	
146	100		
111	40.7	19.3	57.8
148	65.5	32.2	96.6





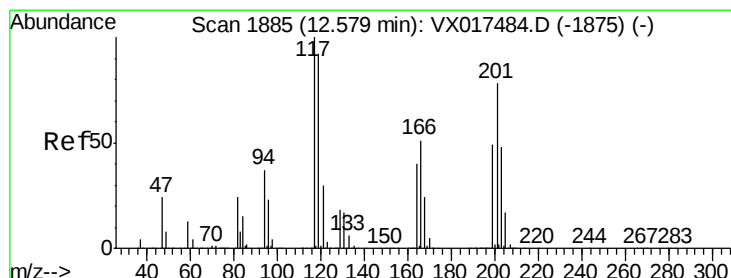
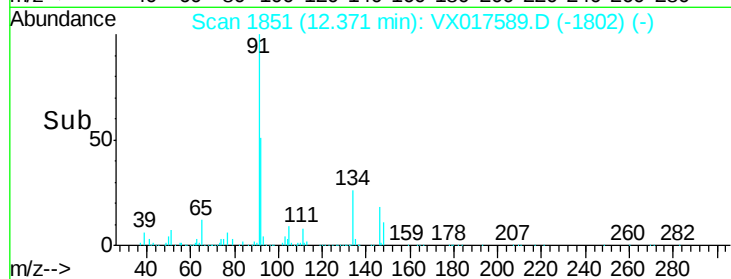
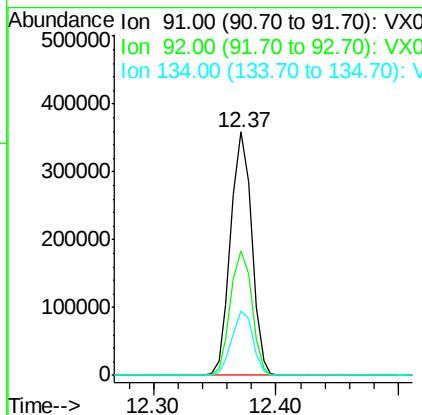
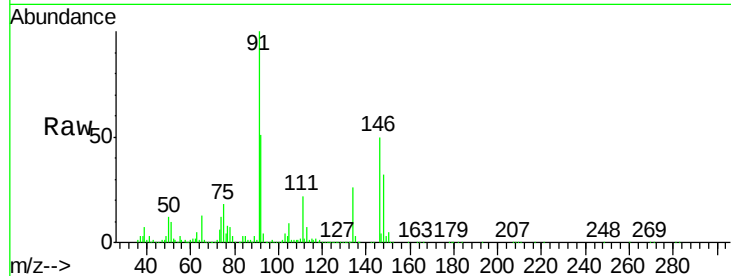
#89
n-Butylbenzene
Concen: 19.575 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.7	80.1
134	26.5	13.6	40.7

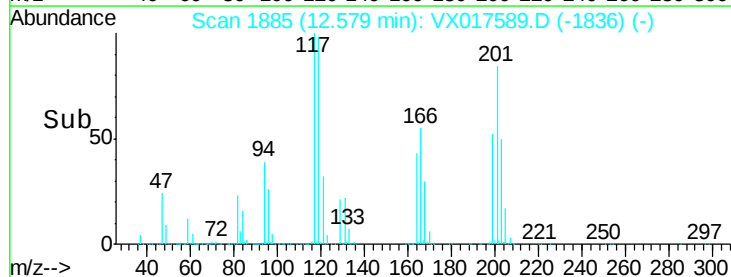
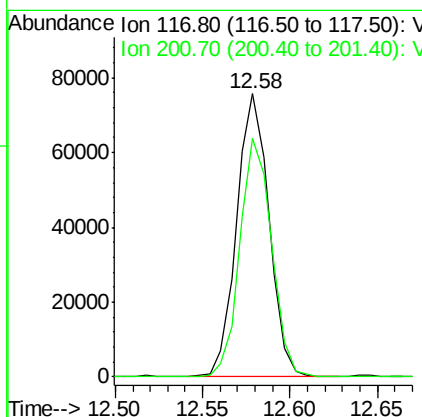
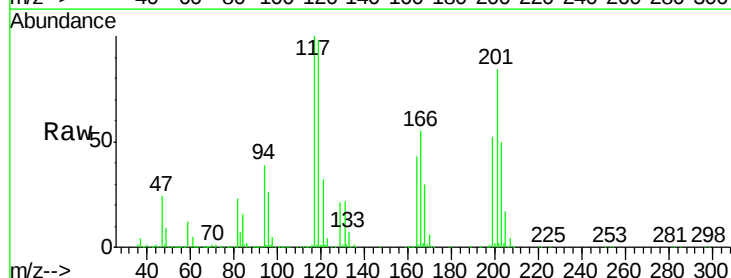
Manual Integrations
APPROVED

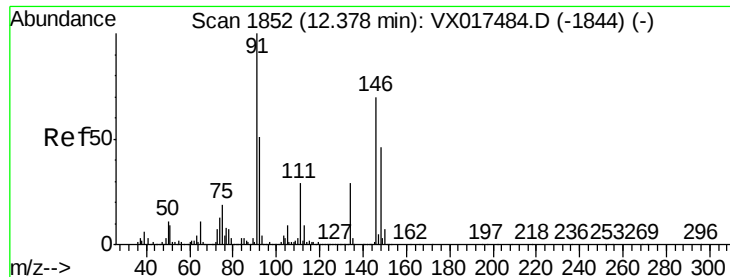
MMDadoda
7/27/2020 11:02:14 AM



#90
Hexachloroethane
Concen: 20.164 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.8	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 20.244 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Instrument :

MSVOA_X

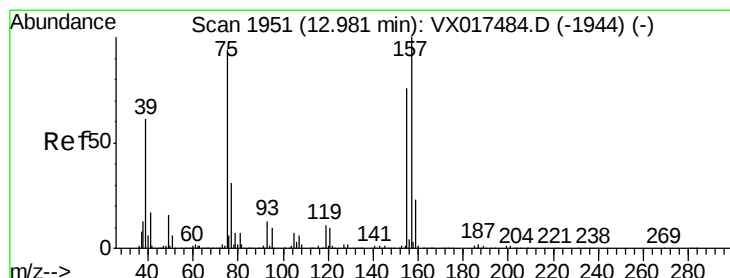
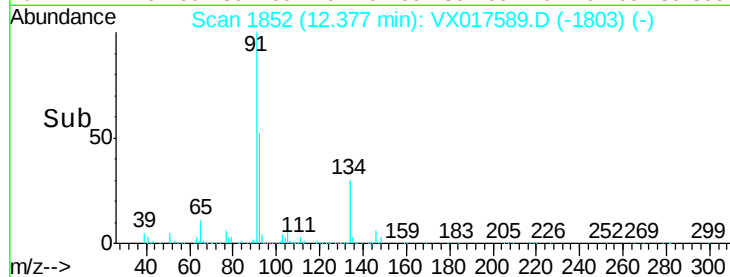
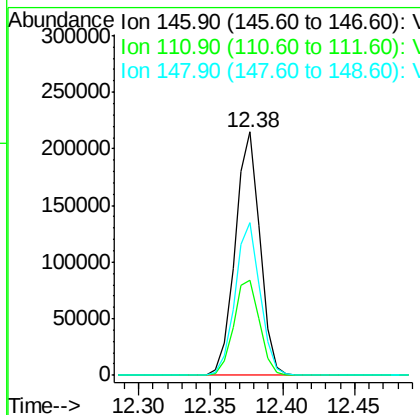
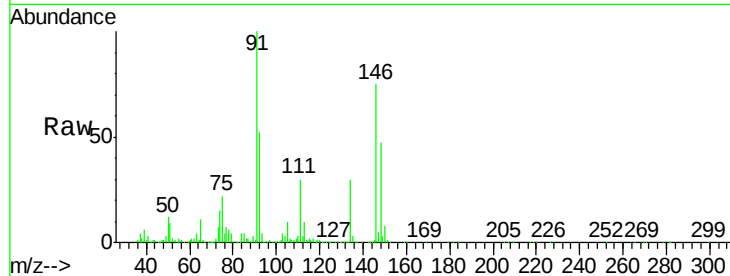
ClientSampleId :

VX0724WBSD03

Tgt Ion:	146	Resp:	258278
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.9	62.8
148	63.2	32.8	98.4

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.466 ug/l

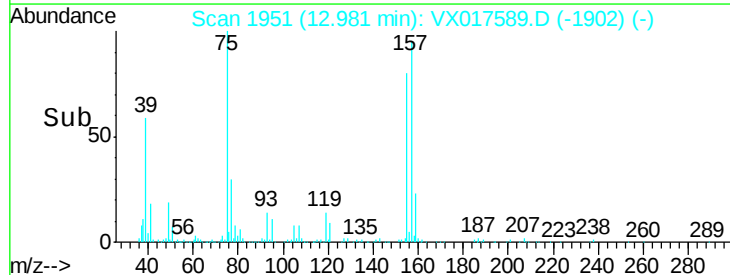
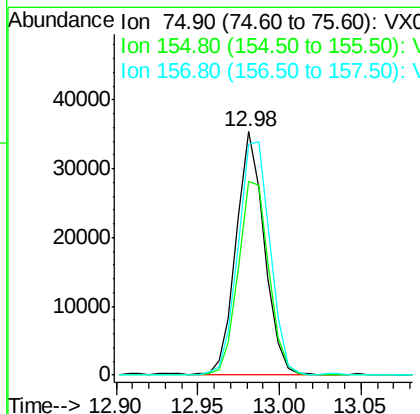
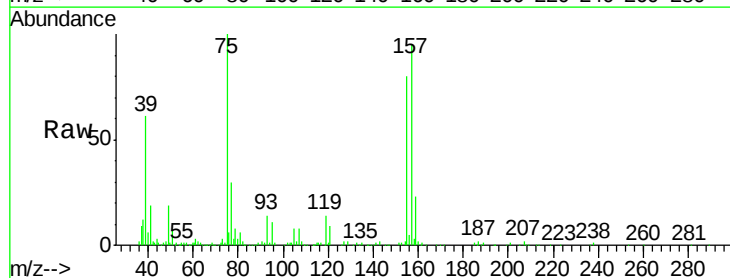
RT: 12.98 min Scan# 1951

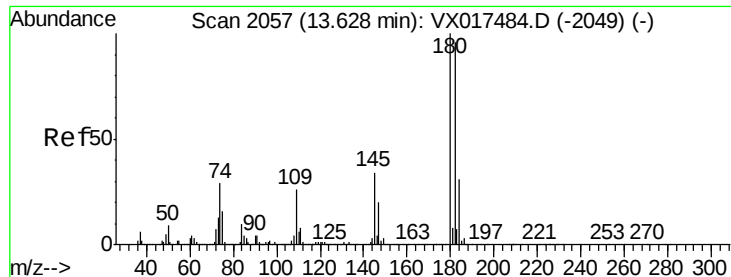
Delta R.T. 0.00 min

Lab File: VX017589.D

Acq: 25 Jul 2020 12:35

Tgt Ion:	75	Resp:	42443
Ion Ratio	Lower	Upper	
75	100		
155	86.7	42.3	126.8
157	109.2	54.3	162.9





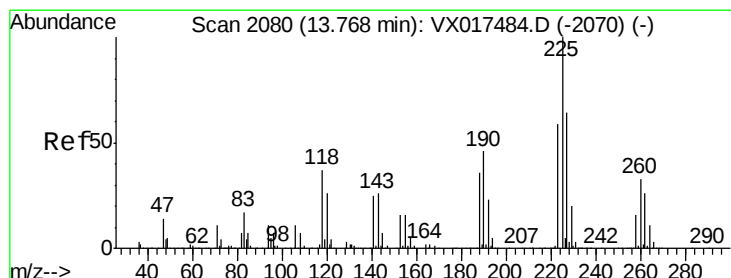
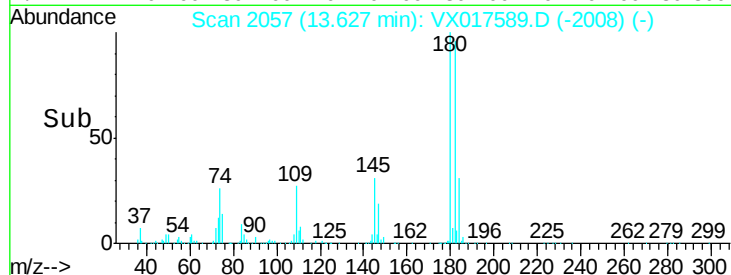
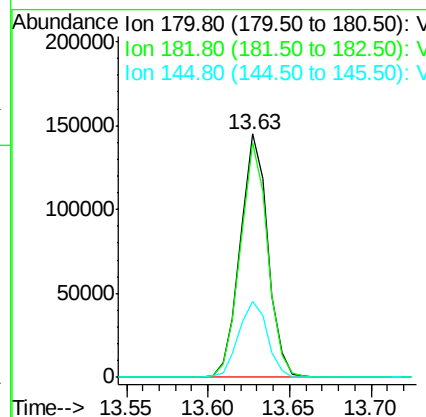
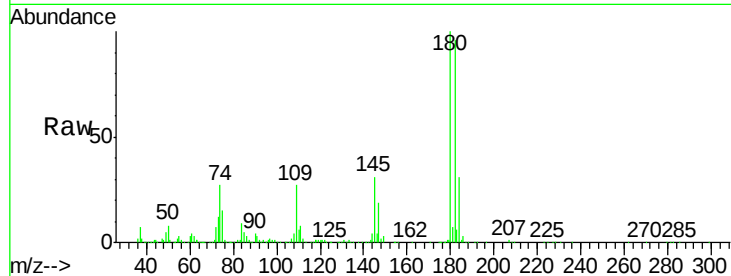
#93
 1,2,4-Trichlorobenzene
 Concen: 19.610 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170753		
182	95.9	47.5	142.6	
145	32.8	15.4	46.4	

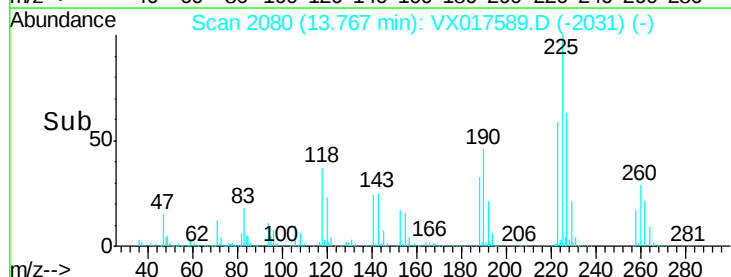
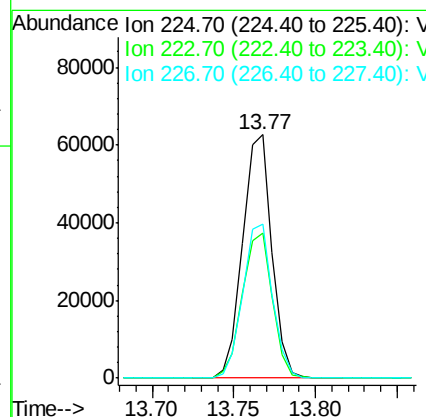
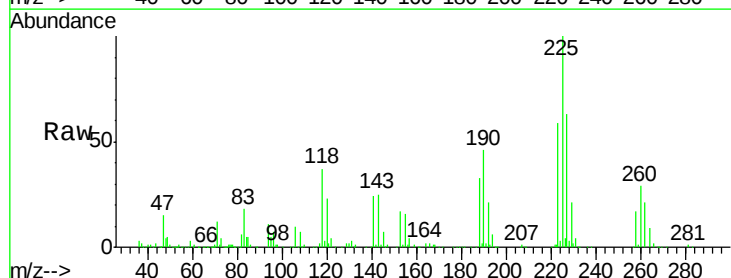
Manual Integrations
 APPROVED

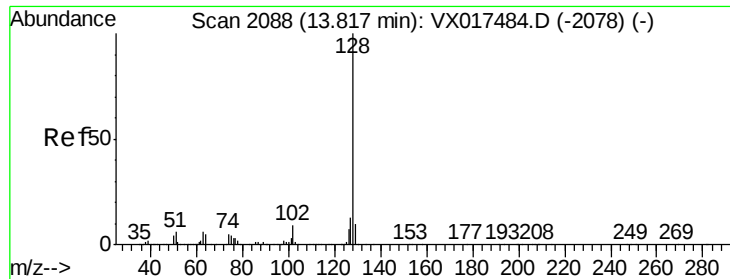
MMDadoda
 7/27/2020 11:02:14 AM



#94
 Hexachlorobutadiene
 Concen: 19.475 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017589.D
 Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78058		
223	61.7	30.3	90.9	
227	64.4	31.1	93.2	





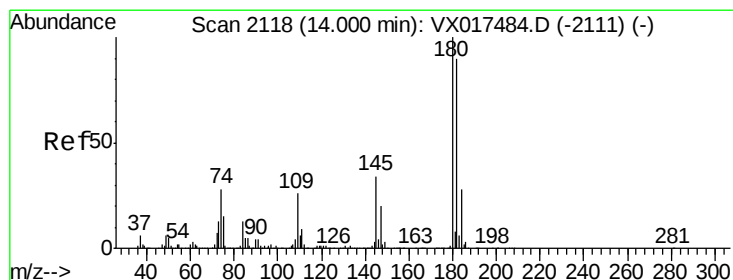
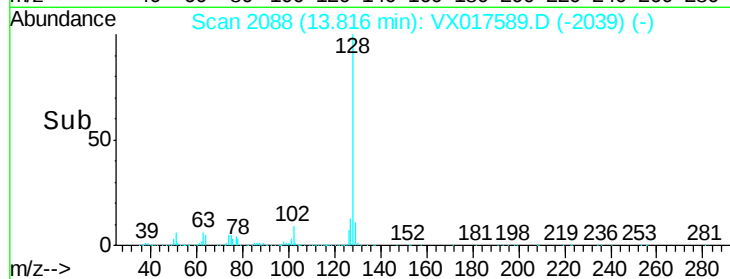
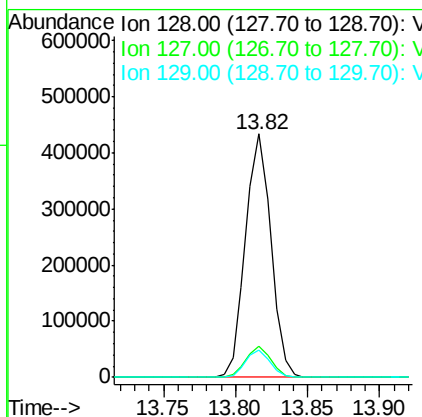
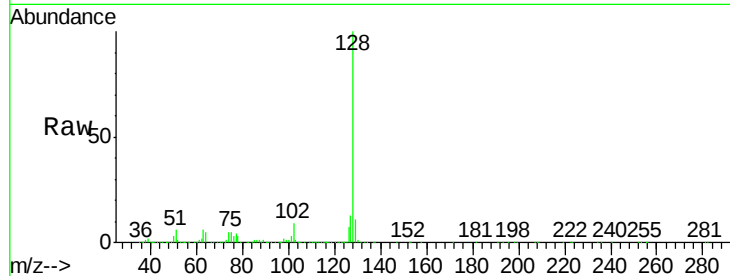
#95
Naphthalene
Concen: 20.471 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	532119		
127	12.7	10.4	15.6	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.343 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017589.D
Acq: 25 Jul 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174900		
182	95.4	47.4	142.3	
145	31.6	16.3	48.9	

