

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017629.D
 Acq On : 27 Jul 2020 20:04
 Operator : JC/SP
 Sample : VX0727WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:08:37 AM

Quant Time: Jul 28 02:03:32 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	5.64	168	566290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	812326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	774877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	416723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	371382	51.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.10%	
35) Dibromofluoromethane	5.47	113	287867	52.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.98%	
50) Toluene-d8	8.70	98	963158	49.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.12	95	393405	50.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	109451	20.226	ug/l	99
3) Chloromethane	1.31	50	126666	18.330	ug/l	99
4) Vinyl Chloride	1.39	62	125461	17.606	ug/l	98
5) Bromomethane	1.63	94	87077	20.966	ug/l	92
6) Chloroethane	1.72	64	72909	18.067	ug/l	99
7) Trichlorofluoromethane	1.92	101	199269	17.778	ug/l	99
8) Diethyl Ether	2.17	74	68332	17.931	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109785	17.849	ug/l	98
10) Methyl Iodide	2.49	142	118742	15.090	ug/l	97
11) Tert butyl alcohol	3.01	59	133834	87.296	ug/l	100
12) 1,1-Dichloroethene	2.36	96	110708	18.927	ug/l	98
13) Acrolein	2.27	56	105990	93.196	ug/l	98
14) Allyl chloride	2.71	41	195276	18.284	ug/l	97
15) Acrylonitrile	3.12	53	319778	96.571	ug/l	98
16) Acetone	2.42	43	289504	90.423	ug/l	98
17) Carbon Disulfide	2.55	76	308992	17.380	ug/l	98
18) Methyl Acetate	2.75	43	144830	19.207	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	377556	18.649	ug/l	96
20) Methylene Chloride	2.84	84	125866	20.106	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	118584	18.925	ug/l	94
22) Diisopropyl ether	3.83	45	385717	19.751	ug/l	98
23) Vinyl Acetate	3.79	43	1720225	98.794	ug/l	100
24) 1,1-Dichloroethane	3.67	63	223118	19.833	ug/l	99
25) 2-Butanone	4.64	43	460545	101.257	ug/l	98
26) 2,2-Dichloropropane	4.55	77	188094	18.679	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	134554	19.770	ug/l	98
28) Bromochloromethane	4.98	49	95893	18.810	ug/l	96
29) Tetrahydrofuran	5.09	42	293416	104.147	ug/l	100
30) Chloroform	5.18	83	231315	20.124	ug/l	98
31) Cyclohexane	5.55	56	176069	19.626	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	212293	19.586	ug/l	99
36) 1,1-Dichloropropene	5.78	75	160589	20.612	ug/l	99
37) Ethyl Acetate	4.80	43	177168	20.783	ug/l	96
38) Carbon Tetrachloride	5.75	117	193891	20.494	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017629.D
 Acq On : 27 Jul 2020 20:04
 Operator : JC/SP
 Sample : VX0727WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0727WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:08:37 AM

Quant Time: Jul 28 02:03:32 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	156901	17.251	ug/l	97
40) Benzene	6.12	78	449607	20.129	ug/l	96
41) Methacrylonitrile	5.01	41	100247	20.517	ug/l	97
42) 1,2-Dichloroethane	6.17	62	182944	20.020	ug/l	99
43) Isopropyl Acetate	6.42	43	277133	19.704	ug/l	99
44) Trichloroethene	7.19	130	133001	20.375	ug/l	98
45) 1,2-Dichloropropane	7.49	63	112585	18.182	ug/l	97
46) Dibromomethane	7.64	93	87541	20.005	ug/l	99
47) Bromodichloromethane	7.88	83	169053	19.200	ug/l	96
48) Methyl methacrylate	7.74	41	126932	18.206	ug/l	98
49) 1,4-Dioxane	7.72	88	48106	359.895	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	832959	99.256	ug/l	98
52) Toluene	8.77	92	266380	18.596	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	187312	19.004	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	187289	18.629	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	112250	18.811	ug/l	98
56) Ethyl methacrylate	9.16	69	172565	19.195	ug/l	100
57) 1,3-Dichloropropane	9.35	76	191058	19.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	392578	82.884	ug/l	99
59) 2-Hexanone	9.48	43	609452	96.459	ug/l	98
60) Dibromochloromethane	9.57	129	141083	18.601	ug/l	98
61) 1,2-Dibromoethane	9.65	107	120870	19.025	ug/l	100
64) Tetrachloroethene	9.32	164	134307	19.312	ug/l	97
65) Chlorobenzene	10.12	112	305912	18.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	124693	18.421	ug/l	99
67) Ethyl Benzene	10.24	91	516121	18.434	ug/l	99
68) m/p-Xylenes	10.34	106	419417	38.669	ug/l	97
69) o-Xylene	10.68	106	192134	18.418	ug/l	98
70) Styrene	10.70	104	342021	19.270	ug/l	98
71) Bromoform	10.84	173	118540	20.213	ug/l #	98
73) Isopropylbenzene	11.00	105	524024	18.330	ug/l	99
74) N-amyl acetate	10.88	43	246332	19.393	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	156873	17.580	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	161153m	18.800	ug/l	
77) Bromobenzene	11.24	156	146604	18.318	ug/l	98
78) n-propylbenzene	11.34	91	582468	18.065	ug/l	97
79) 2-Chlorotoluene	11.40	91	361913	18.120	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	454962	18.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	58273	17.129	ug/l	96
82) 4-Chlorotoluene	11.49	91	435383	18.479	ug/l	99
83) tert-Butylbenzene	11.76	119	477182	20.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	497499	20.492	ug/l	99
85) sec-Butylbenzene	11.93	105	508194	18.678	ug/l	100
86) p-Isopropyltoluene	12.05	119	478601	18.472	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	266628	19.400	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	257779	18.108	ug/l	98
89) n-Butylbenzene	12.37	91	433866	18.792	ug/l	99
90) Hexachloroethane	12.58	117	98168	19.218	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	268256	19.860	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47603	20.468	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017629.D
 Acq On : 27 Jul 2020 20:04
 Operator : JC/SP
 Sample : VX0727WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

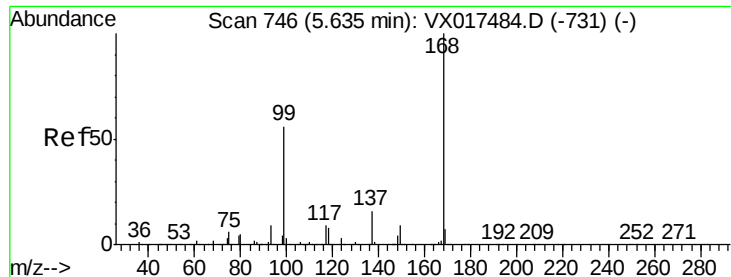
Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:08:37 AM

Quant Time: Jul 28 02:03:32 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	161334	17.501	ug/l	99
94) Hexachlorobutadiene	13.77	225	58279	13.734	ug/l	92
95) Naphthalene	13.82	128	521075	18.935	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	169576	18.630	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion:168 Resp: 566290

Ion Ratio Lower Upper

168 100

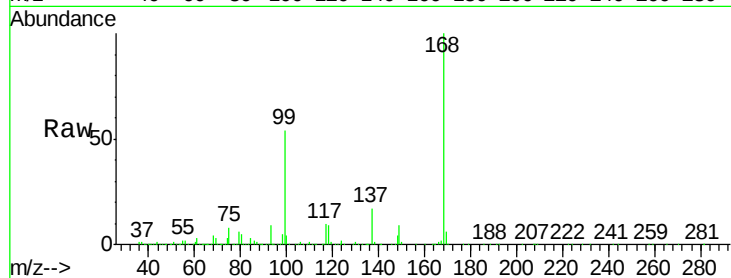
99 53.5 43.4 65.2

Manual Integrations

APPROVED

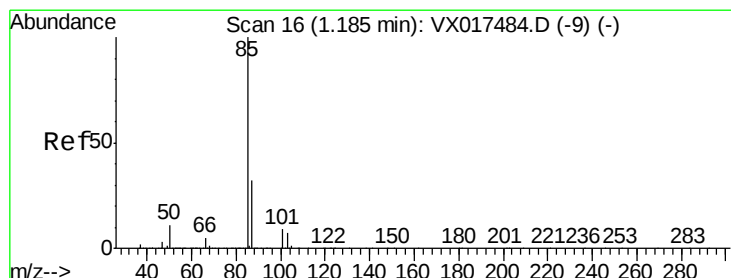
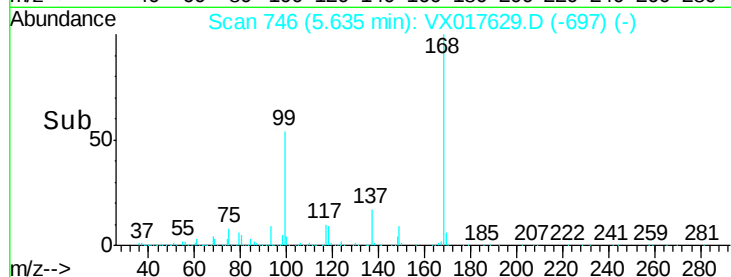
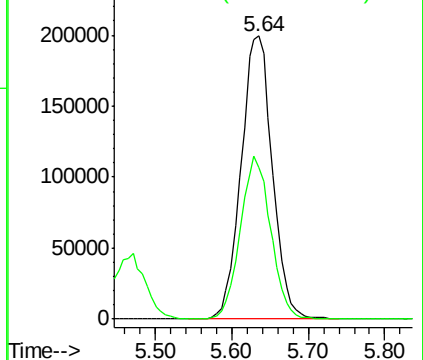
MMDadoda

7/28/2020 10:08:37 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.226 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017629.D

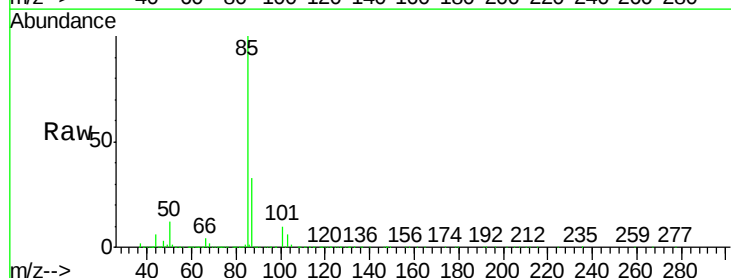
Acq: 27 Jul 2020 20:04

Tgt Ion: 85 Resp: 109451

Ion Ratio Lower Upper

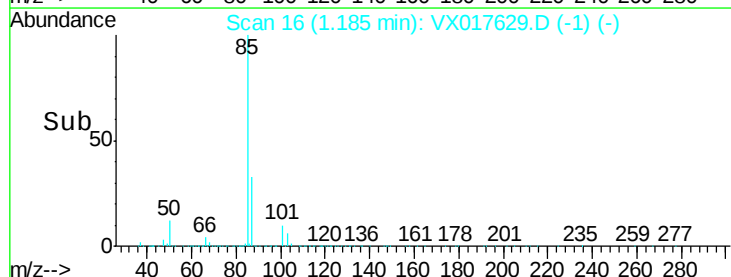
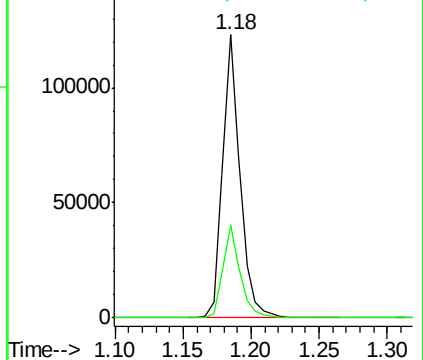
85 100

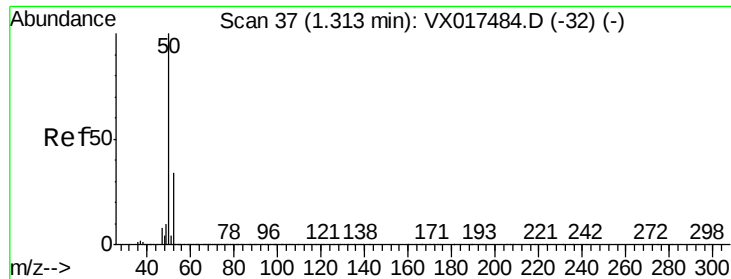
87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.330 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 50 Resp: 126666

Ion Ratio Lower Upper

50 100

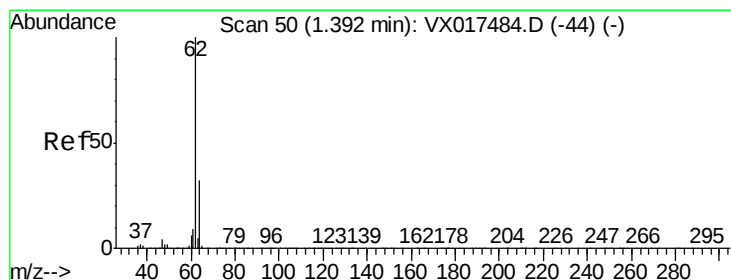
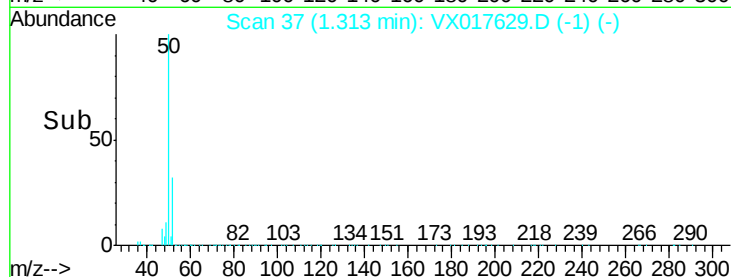
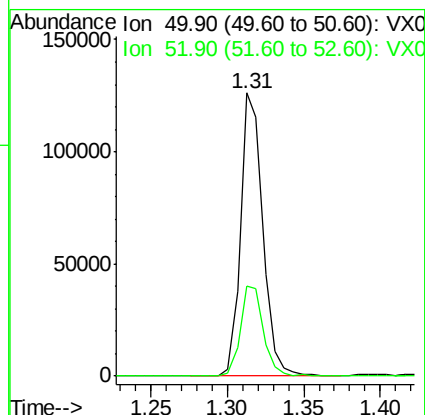
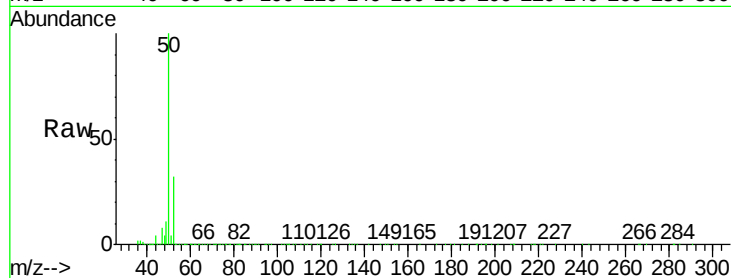
52 31.8 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#4

Vinyl Chloride

Concen: 17.606 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017629.D

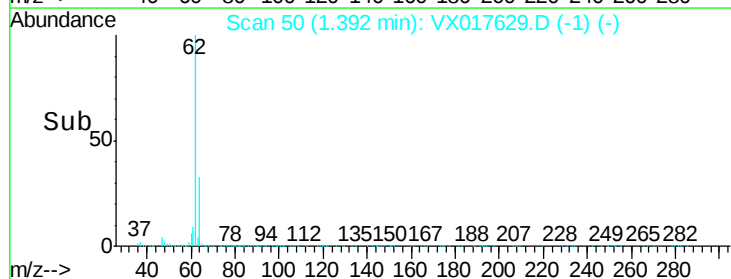
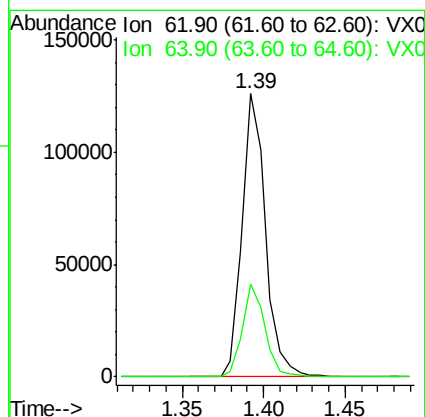
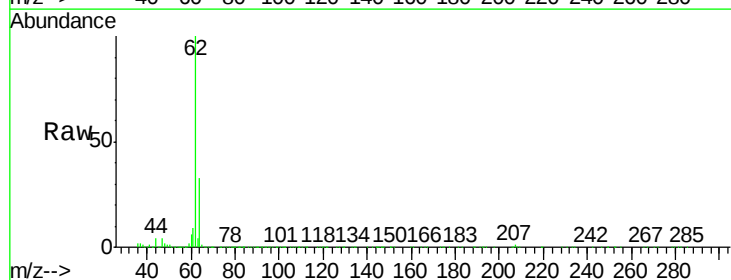
Acq: 27 Jul 2020 20:04

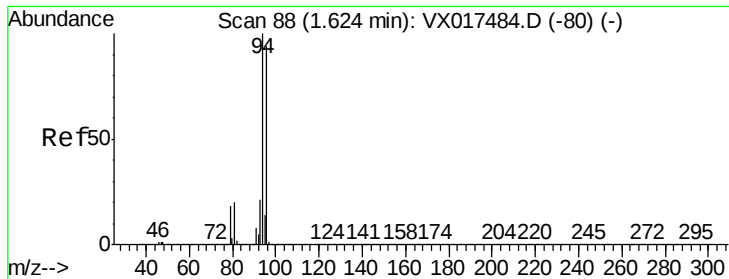
Tgt Ion: 62 Resp: 125461

Ion Ratio Lower Upper

62 100

64 32.5 25.2 37.8





#5

Bromomethane

Concen: 20.966 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 94 Resp: 87077

Ion Ratio Lower Upper

94 100

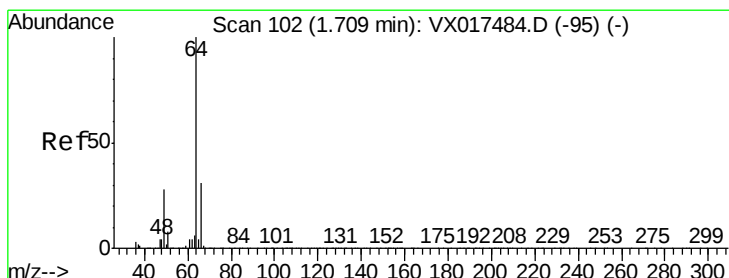
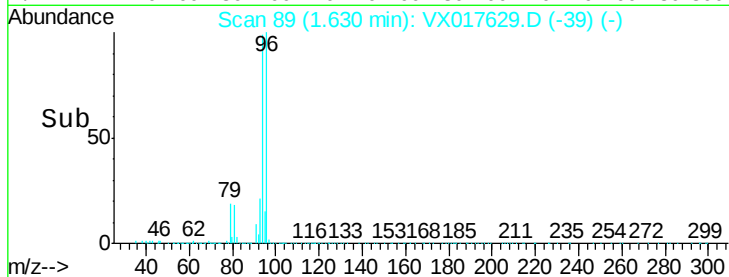
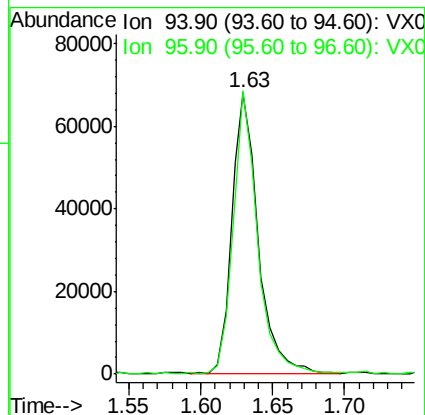
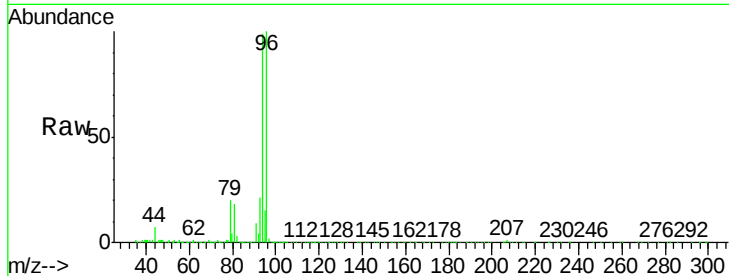
96 100.4 74.1 111.1

Manual Integrations

APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#6

Chloroethane

Concen: 18.067 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017629.D

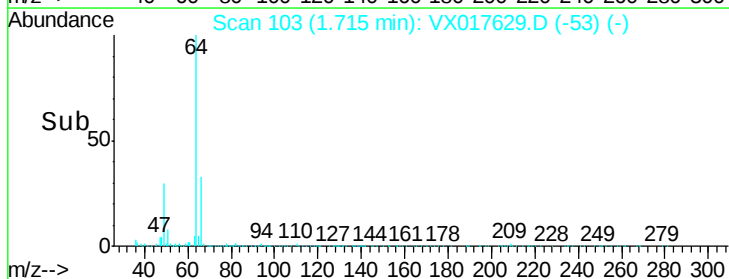
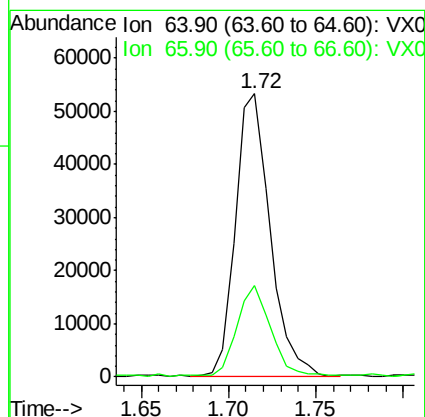
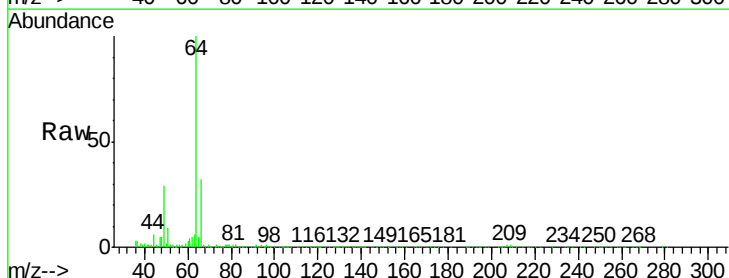
Acq: 27 Jul 2020 20:04

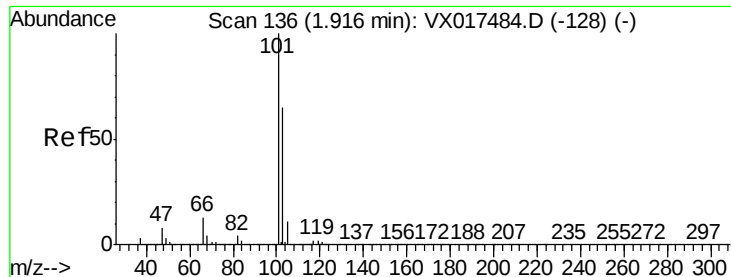
Tgt Ion: 64 Resp: 72909

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3





#7

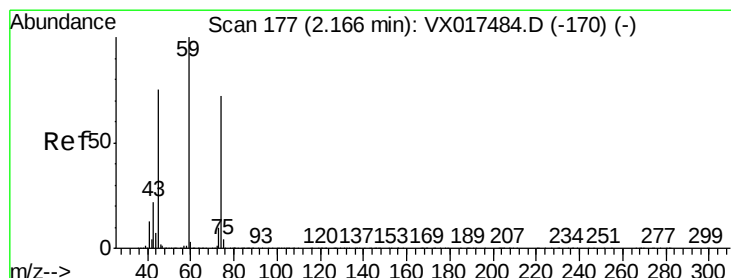
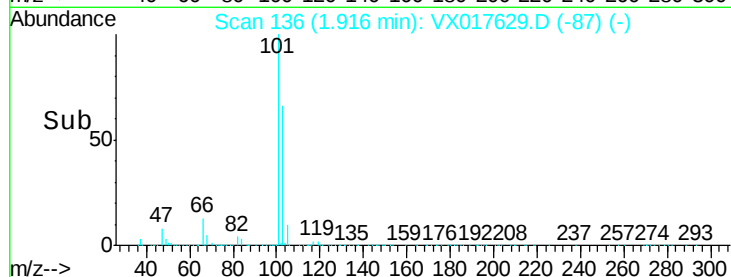
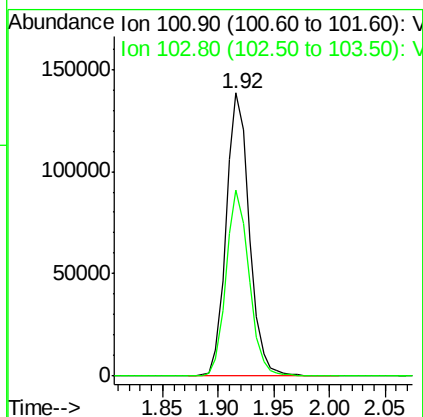
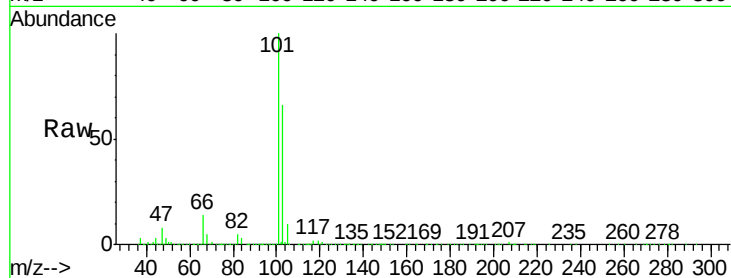
Trichlorofluoromethane
Concen: 17.778 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.8	77.8

Manual Integrations
APPROVED

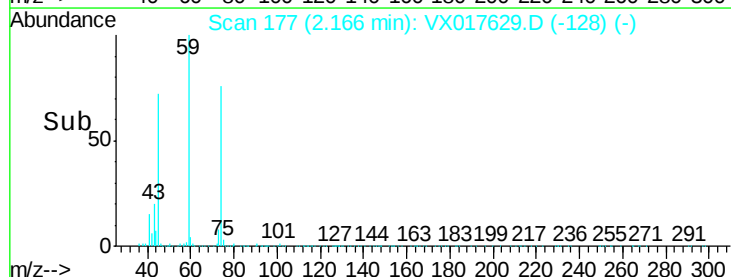
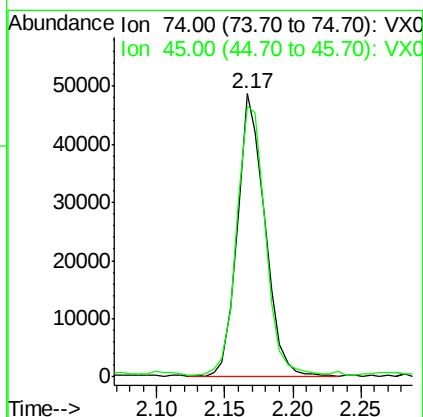
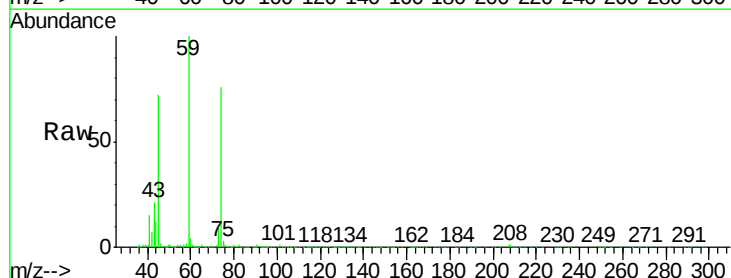
MMDadoda
7/28/2020 10:08:37 AM

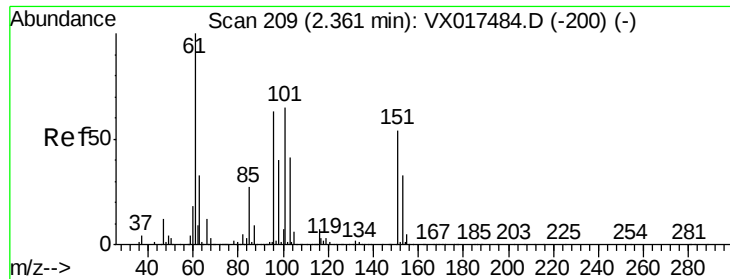


#8

Diethyl Ether
Concen: 17.931 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.849 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

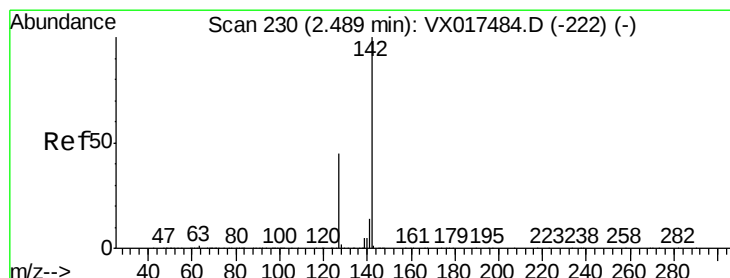
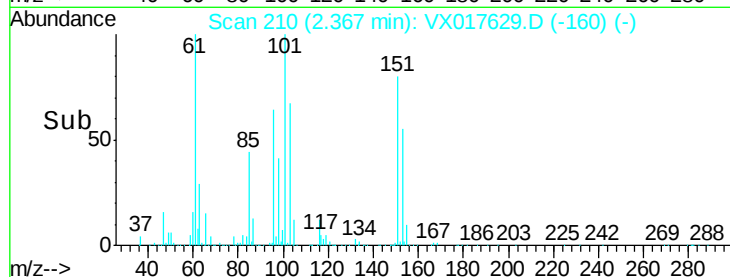
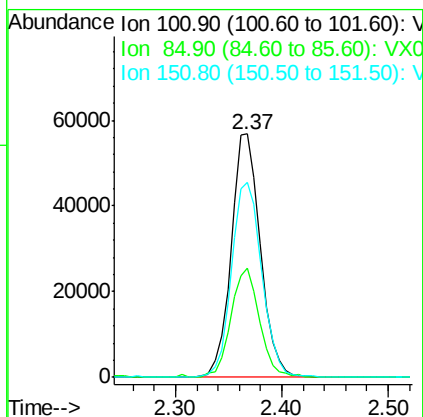
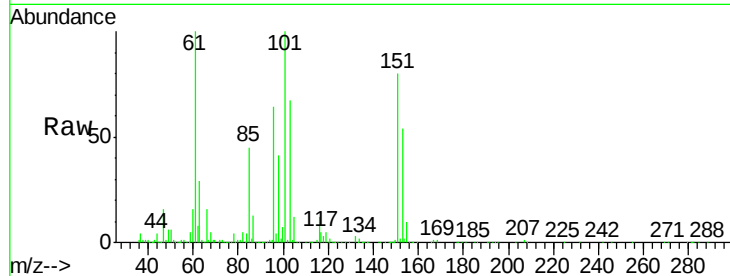
ClientSampleId :

VX0727WBS02

Tot Ion:	101	Resp:	109785
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.8	52.2
151	83.0	68.0	102.0

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 AM



#10

Methyl Iodide

Concen: 15.090 ug/l

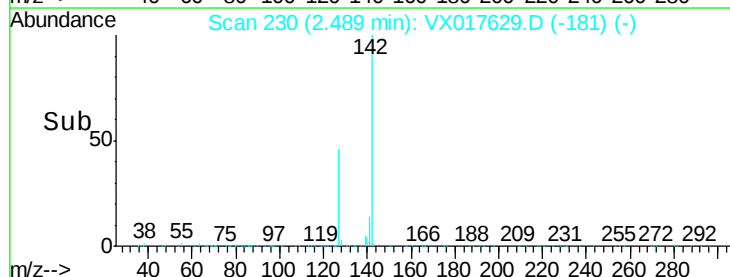
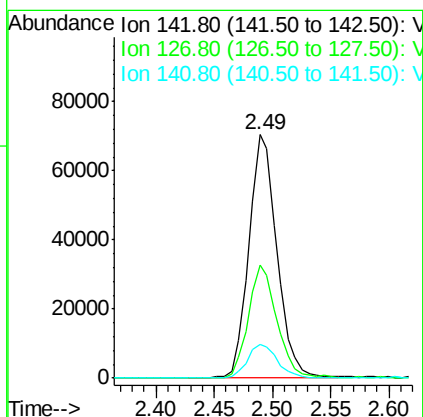
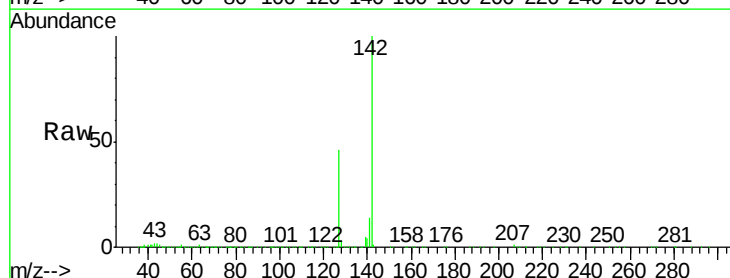
RT: 2.49 min Scan# 230

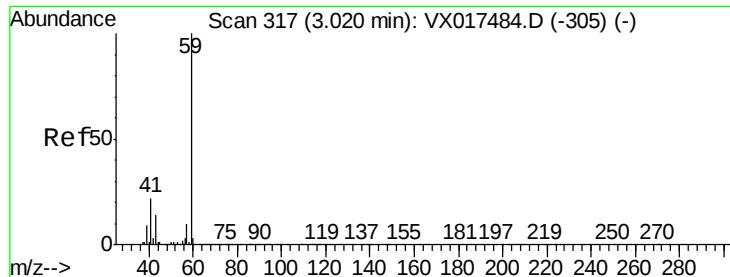
Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Tgt Ion:	142	Resp:	118742
Ion Ratio	Lower	Upper	
142	100		
127	47.5	35.9	53.9
141	14.8	11.4	17.0





#11

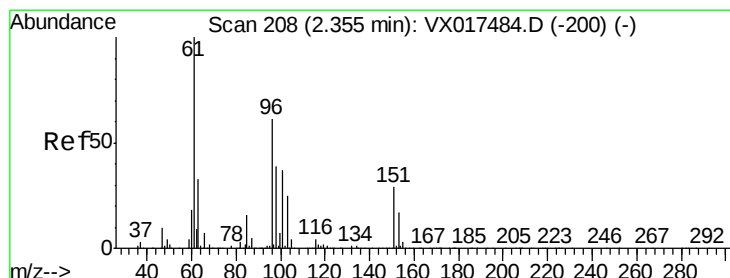
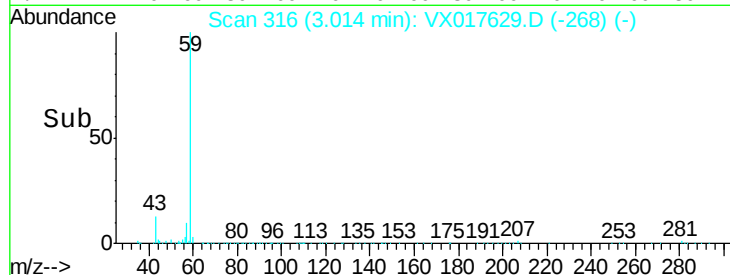
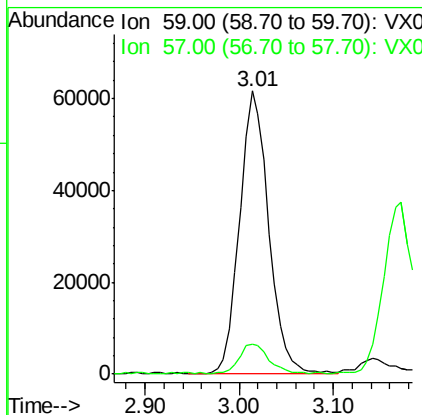
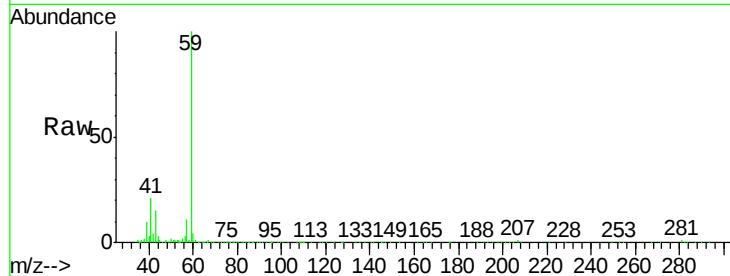
Tert butyl alcohol
Concen: 87.296 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8

Manual Integrations
APPROVED

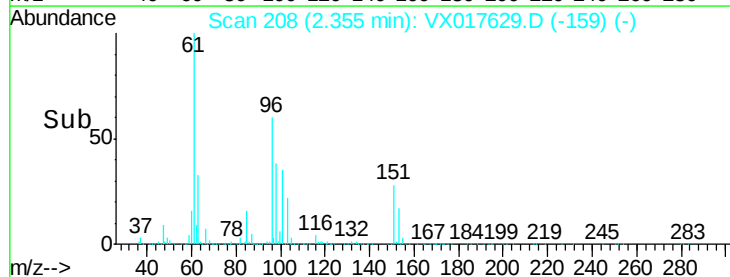
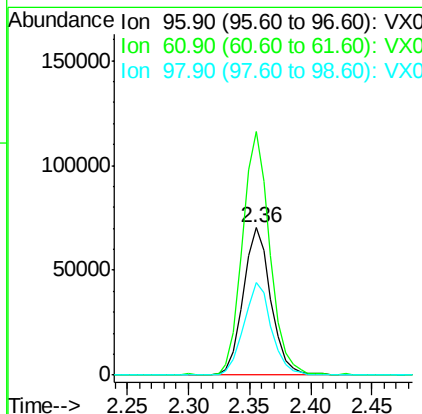
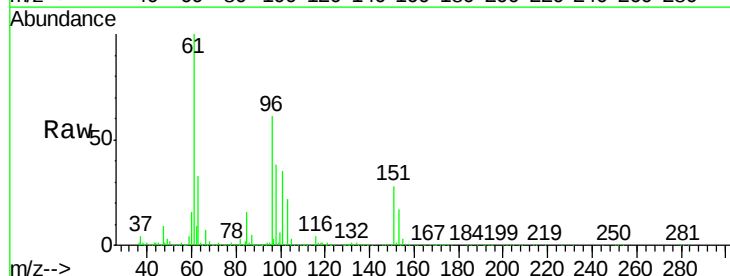
MMDadoda
7/28/2020 10:08:37 AM

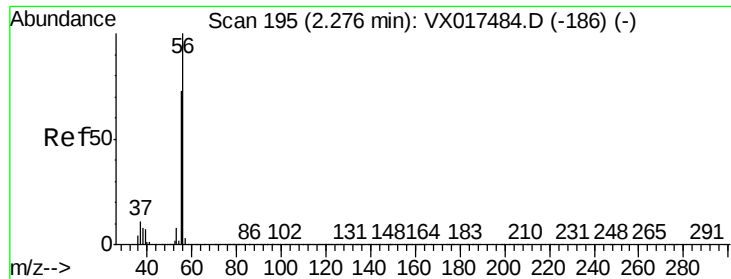


#12

1,1-Dichloroethene
Concen: 18.927 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.8	134.0	201.0
98	62.4	51.0	76.4





#13

Acrolein

Concen: 93.196 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 56 Resp: 105990

Ion Ratio Lower Upper

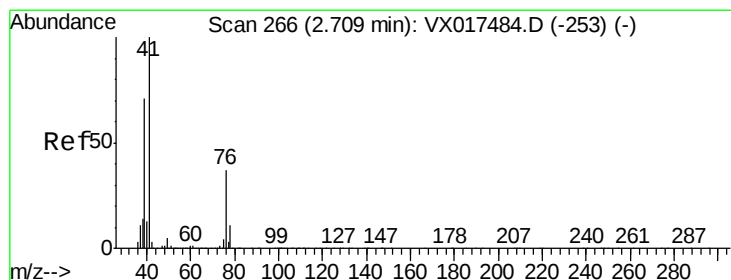
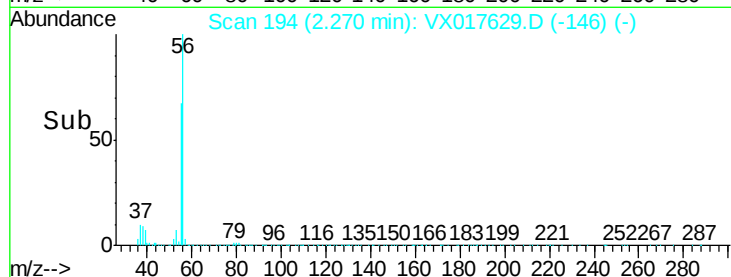
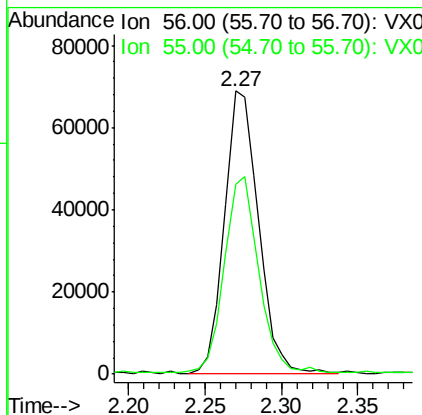
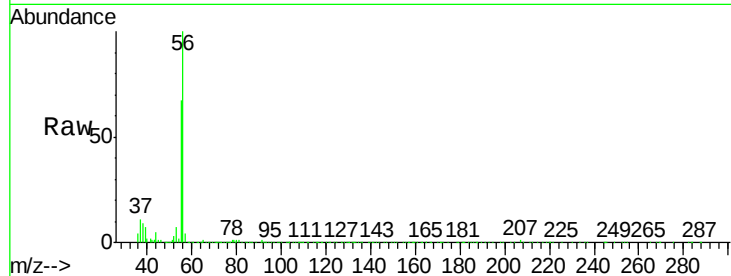
56 100

55 70.3 57.4 86.2

Manual Integrations
APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#14

Allyl chloride

Concen: 18.284 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

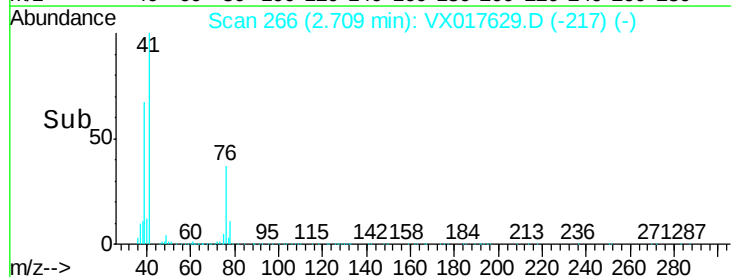
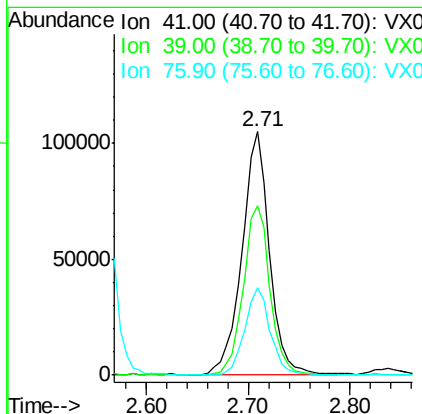
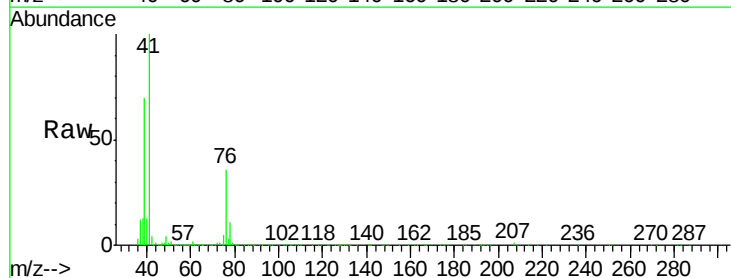
Tgt Ion: 41 Resp: 195276

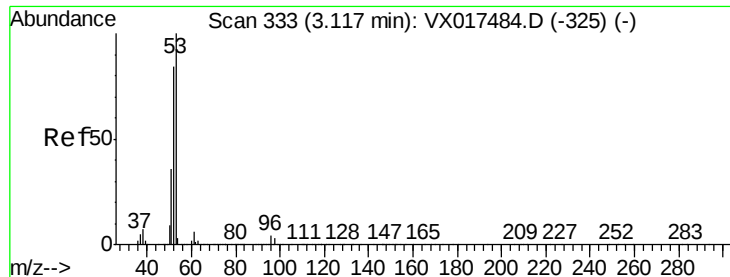
Ion Ratio Lower Upper

41 100

39 67.7 51.9 77.9

76 33.2 25.5 38.3





#15

Acrylonitrile

Concen: 96.571 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

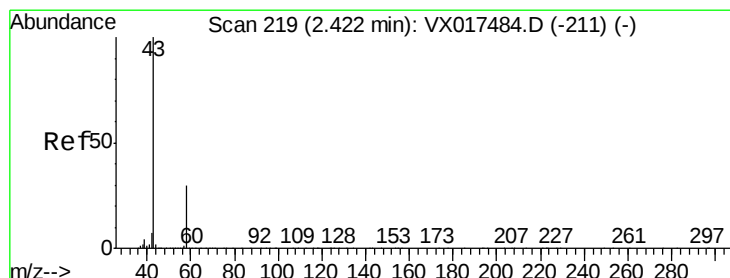
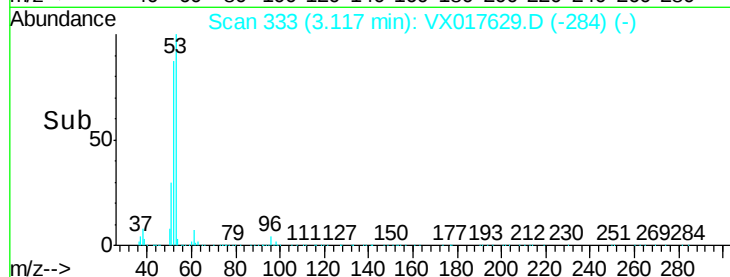
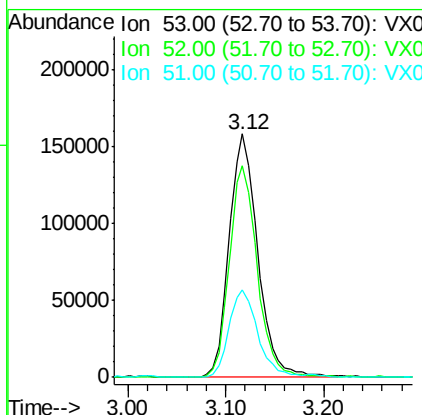
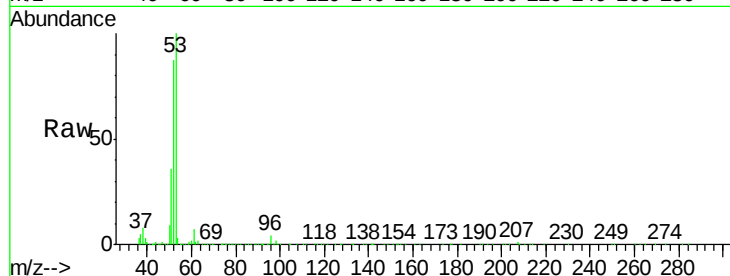
ClientSampleId :

VX0727WBS02

Tot Ion:	53	Resp:	319778
Ion Ratio	Lower	Upper	
53	100		
52	85.3	66.6	99.8
51	36.9	29.4	44.2

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 AM



#16

Acetone

Concen: 90.423 ug/l

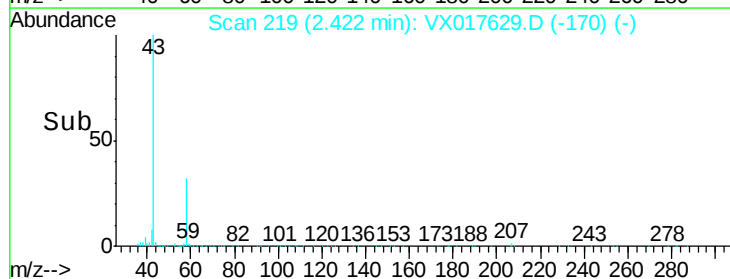
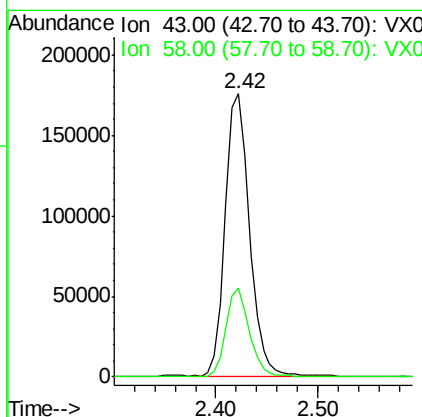
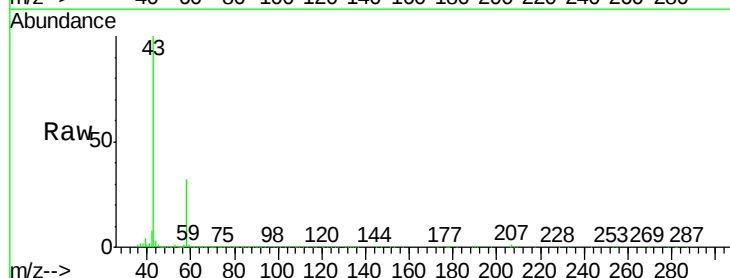
RT: 2.42 min Scan# 219

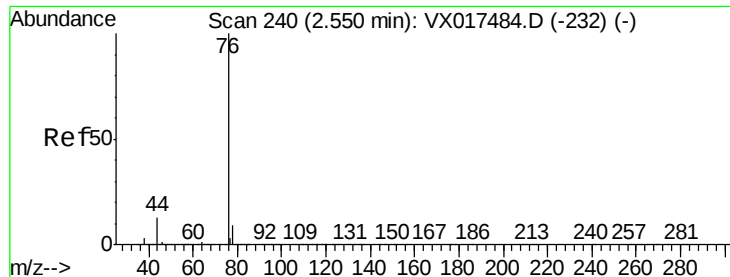
Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Tgt Ion:	43	Resp:	289504
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.2	36.4





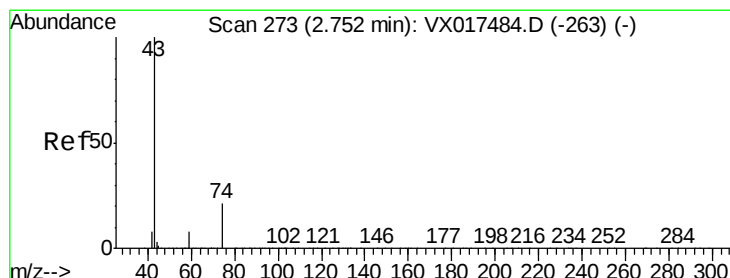
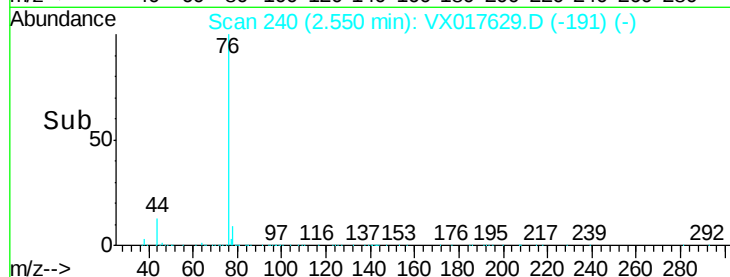
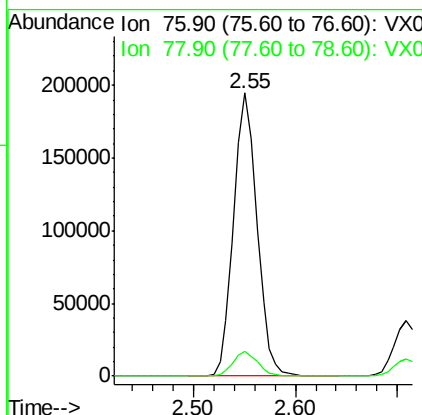
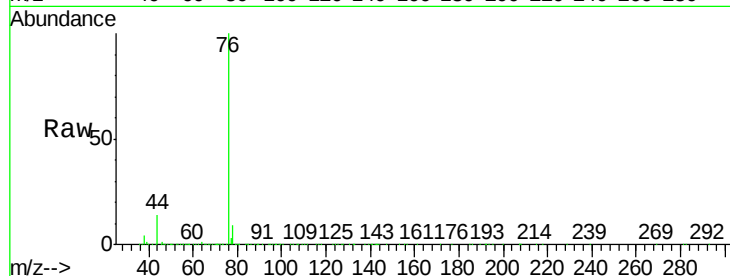
#17
Carbon Disulfide
Concen: 17.380 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

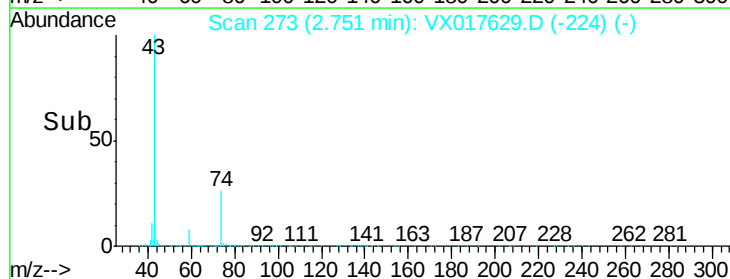
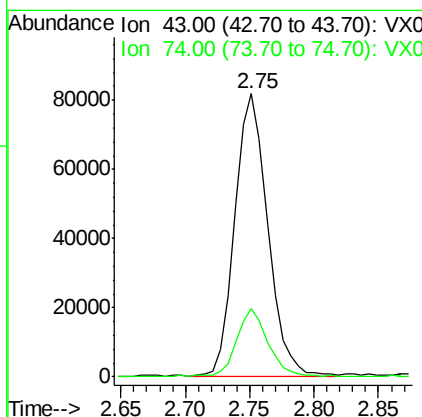
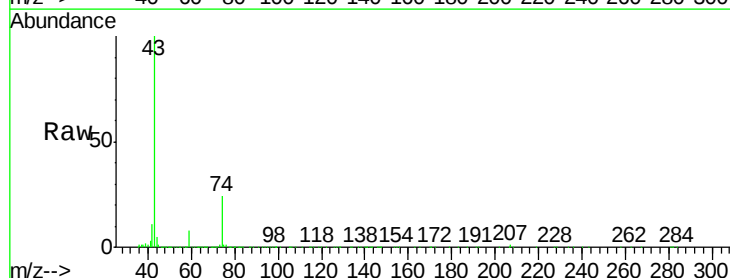
Manual Integrations
APPROVED

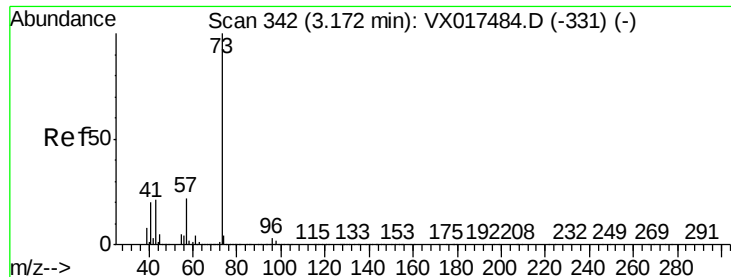
MMDadoda
7/28/2020 10:08:37 AM



#18
Methyl Acetate
Concen: 19.207 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.5	26.3





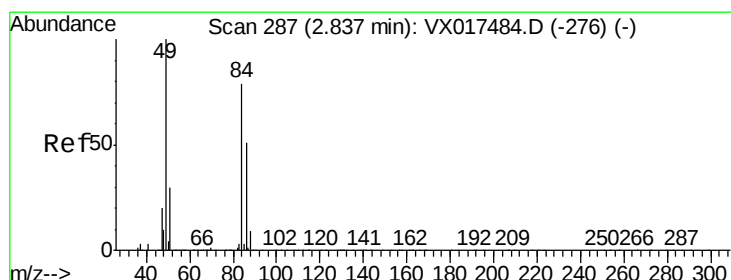
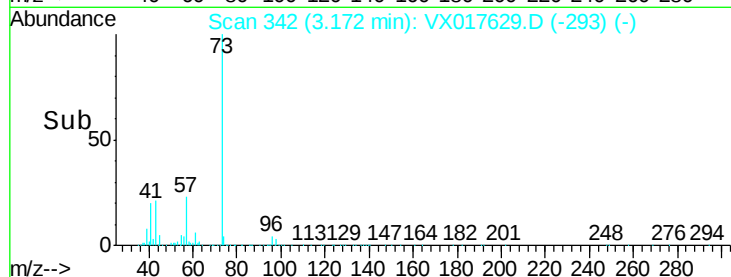
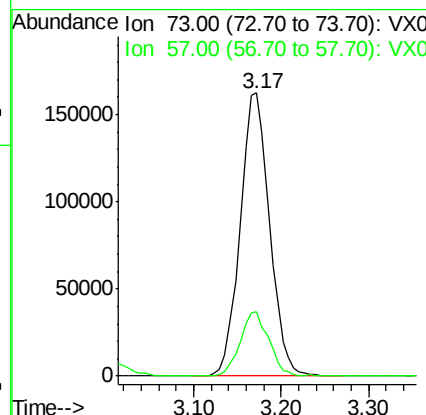
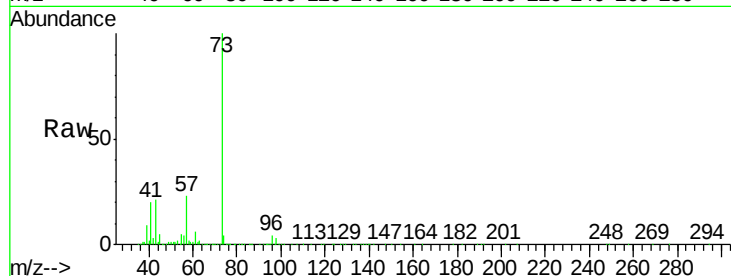
#19
Methvl tert-butvl Ether
Concen: 18.649 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.0	25.4

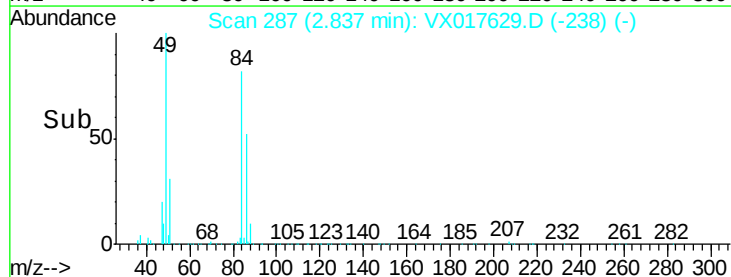
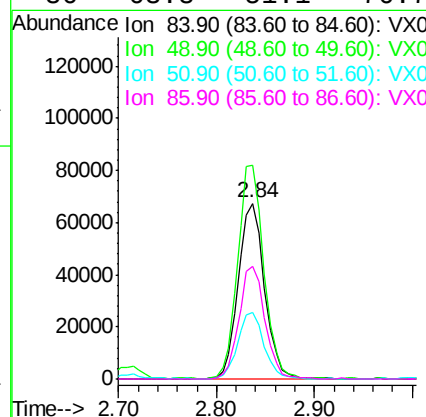
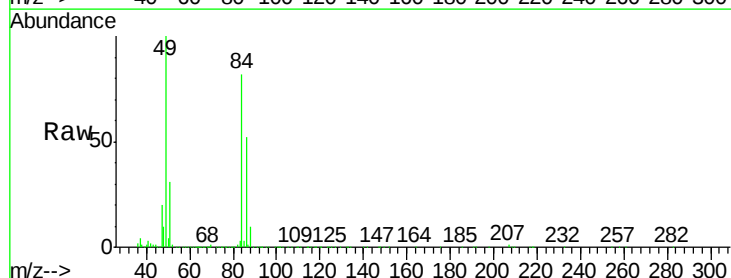
Manual Integrations
APPROVED

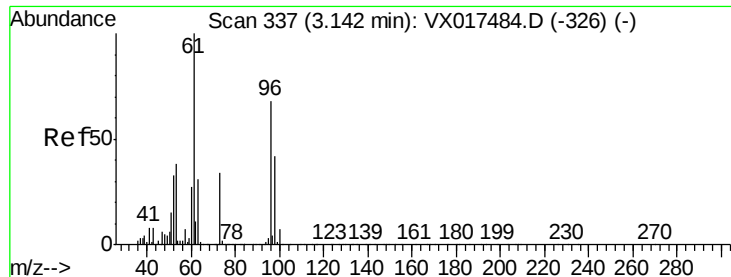
MMDadoda
7/28/2020 10:08:37 AM



#20
Methylene Chloride
Concen: 20.106 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.4	100.3	150.5
51	37.6	30.5	45.7
86	63.8	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 18.925 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

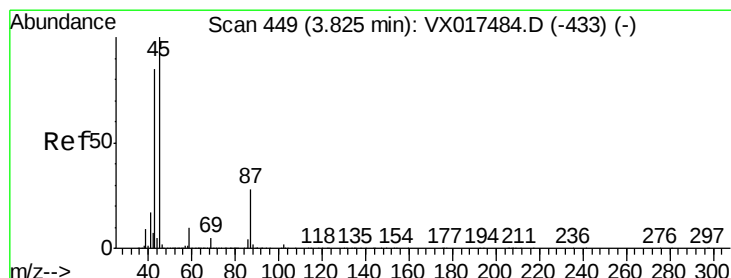
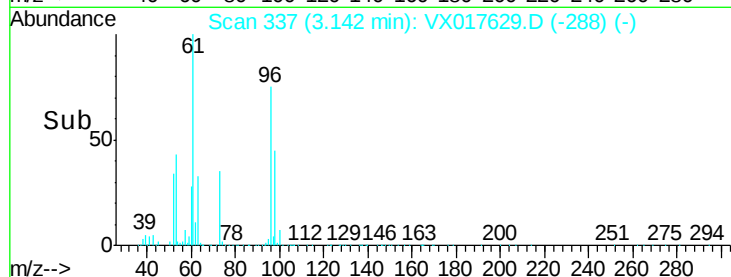
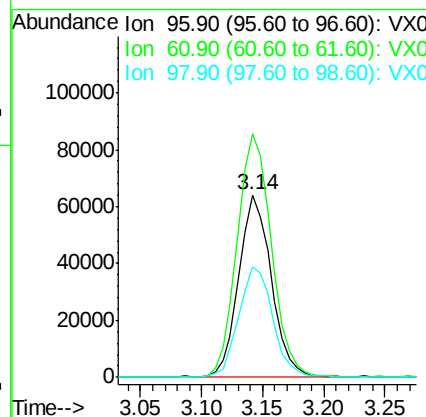
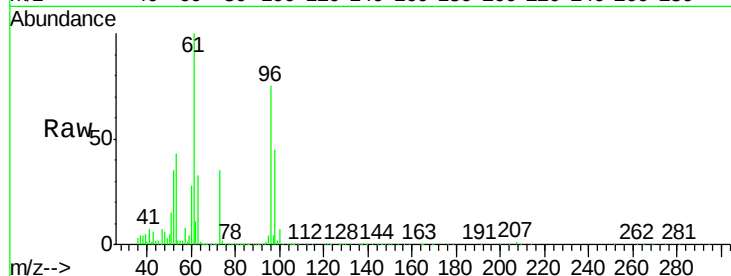
ClientSampleId :

VX0727WBS02

Tot Ion:	96	Resp:	118584
Ion Ratio	Lower	Upper	
96	100		
61	133.2	113.0	169.4
98	60.3	51.8	77.8

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 AM



#22

Diisopropyl ether

Concen: 19.751 ug/l

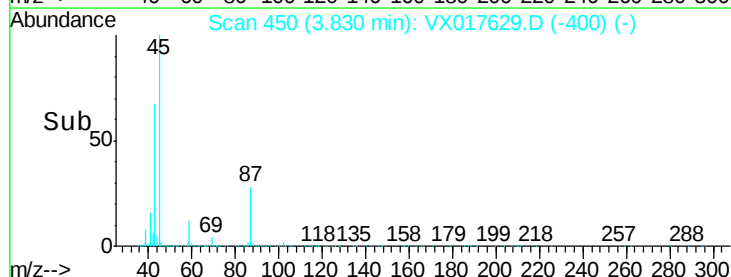
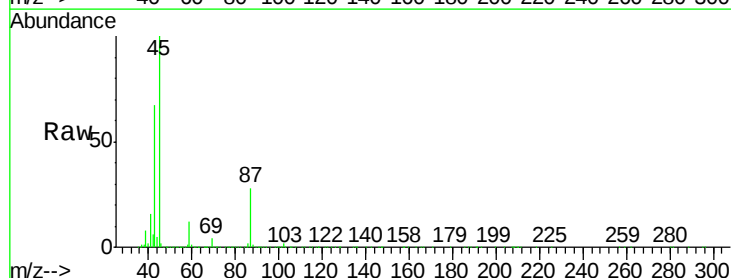
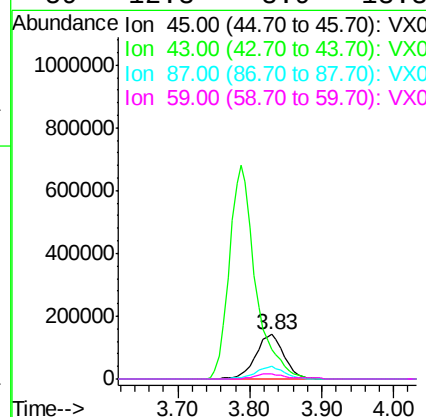
RT: 3.83 min Scan# 450

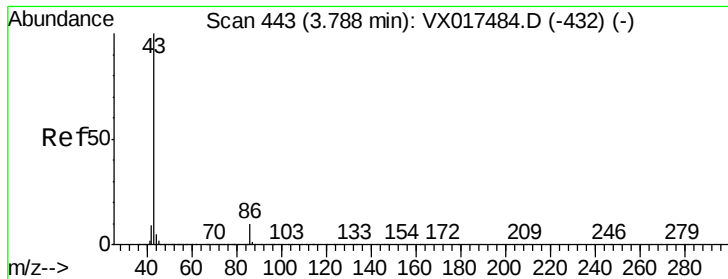
Delta R.T. 0.01 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Tgt Ion:	45	Resp:	385717
Ion Ratio	Lower	Upper	
45	100		
43	66.6	52.0	78.0
87	28.3	22.2	33.4
59	12.3	8.9	13.3





#23

Vinyl Acetate

Concen: 98.794 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 43 Resp: 1720225

Ion Ratio Lower Upper

43 100

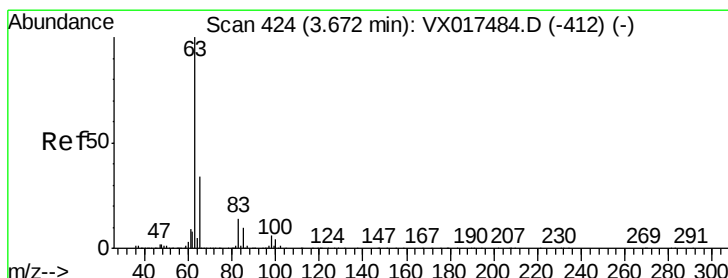
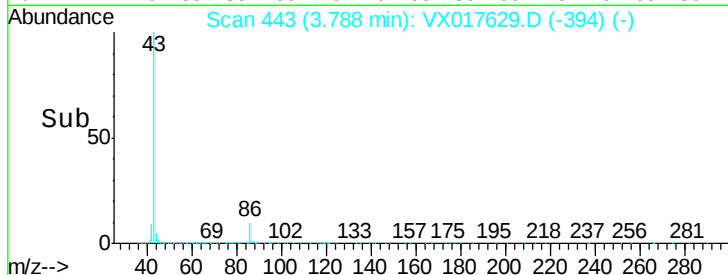
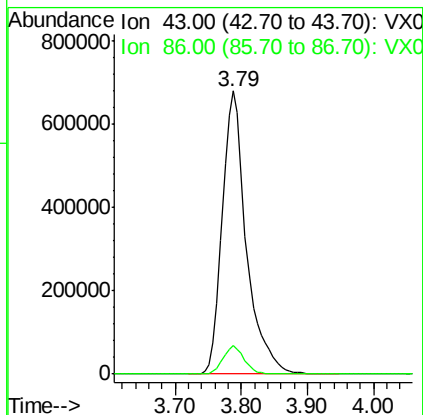
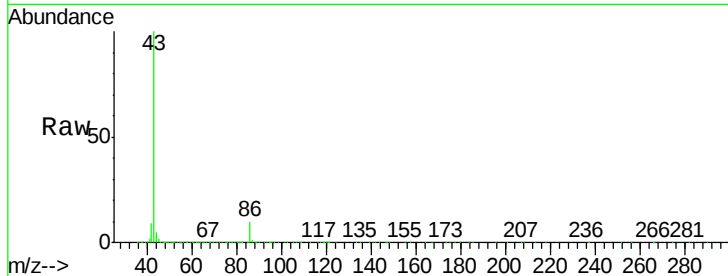
86 10.1 8.2 12.4

Manual Integrations

APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#24

1,1-Dichloroethane

Concen: 19.833 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

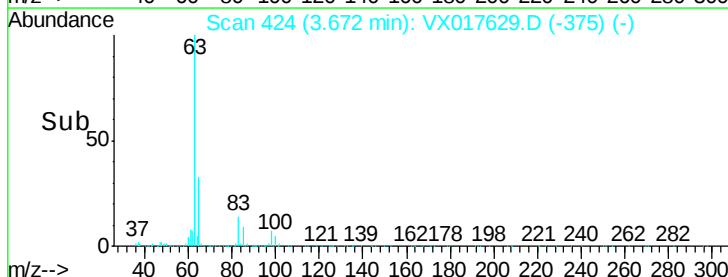
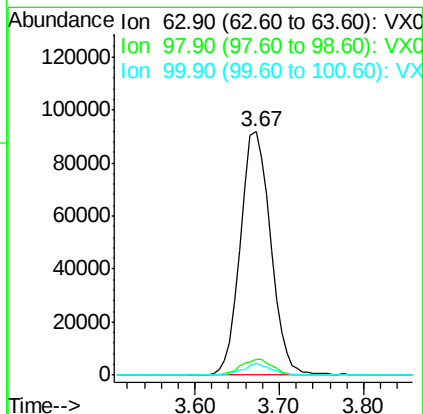
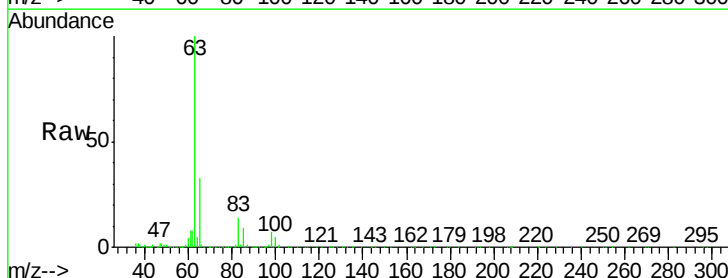
Tgt Ion: 63 Resp: 223118

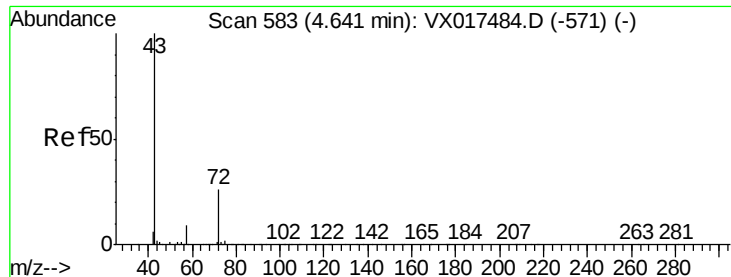
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.7 1.9 5.7





#25

2-Butanone

Concen: 101.257 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 43 Resp: 460545

Ion Ratio Lower Upper

43 100

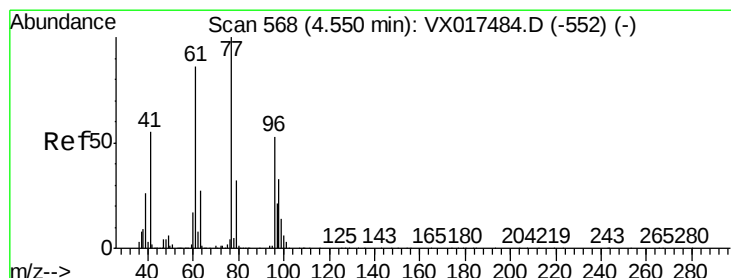
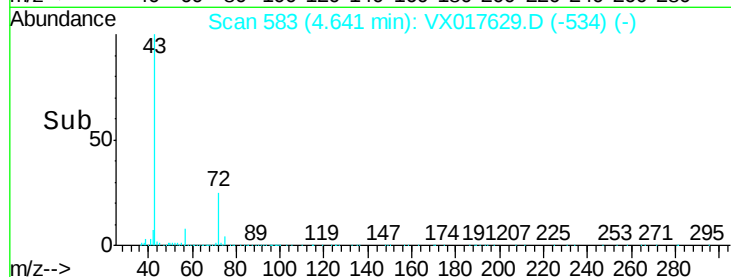
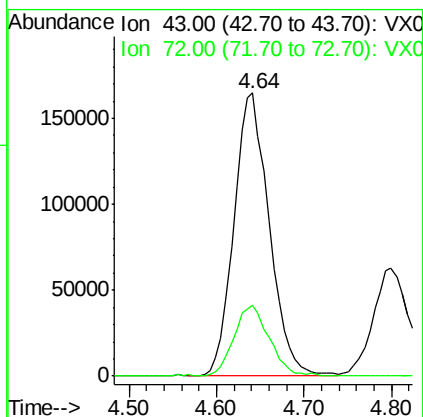
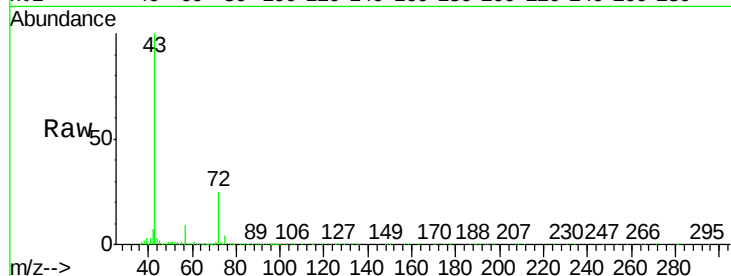
72 24.8 19.0 28.4

Manual Integrations

APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#26

2,2-Dichloropropane

Concen: 18.679 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017629.D

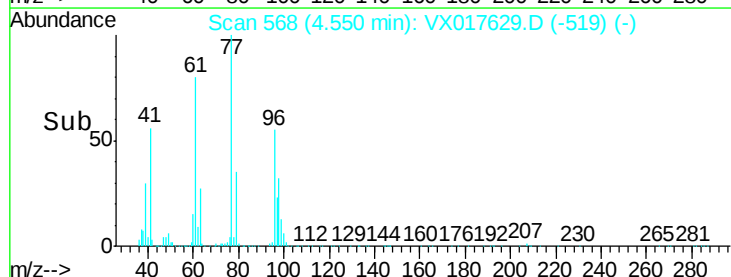
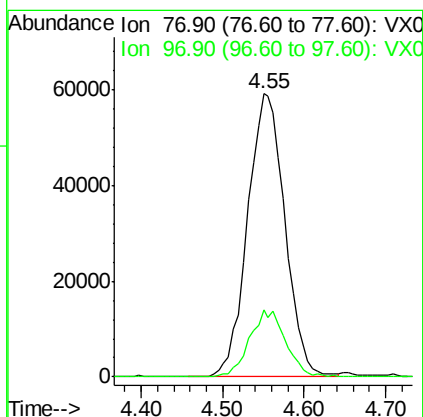
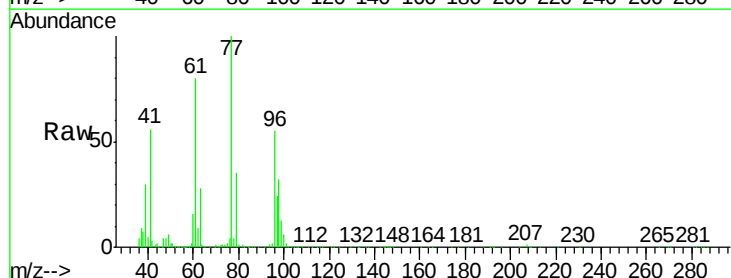
Acq: 27 Jul 2020 20:04

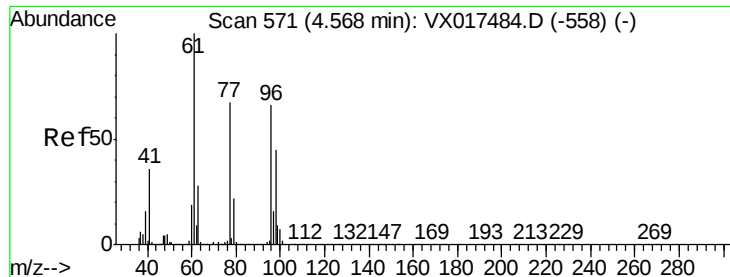
Tgt Ion: 77 Resp: 188094

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9





#27

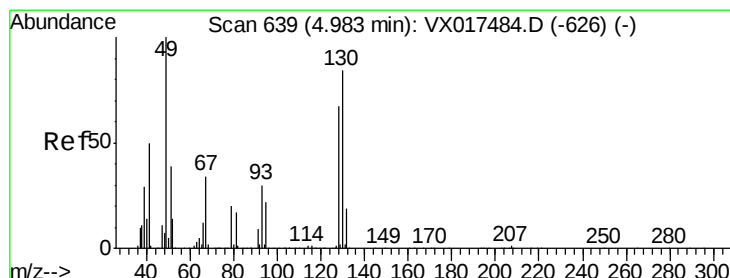
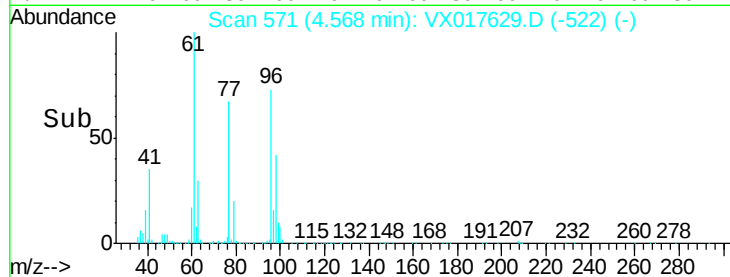
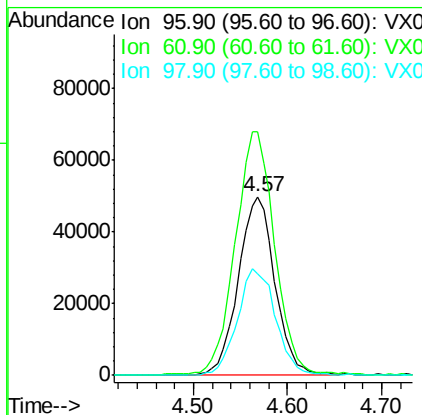
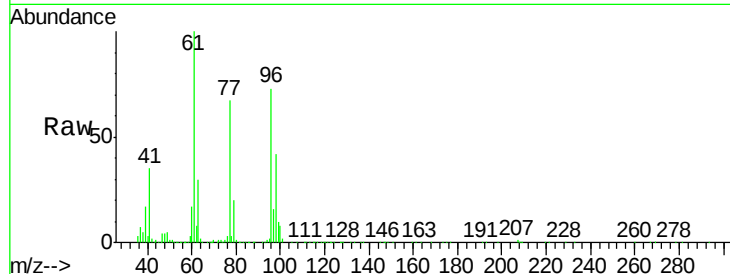
cis-1,2-Dichloroethene
Concen: 19.770 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	134554		
61	147.9	0.0	301.2	
98	63.4	0.0	130.0	

Manual Integrations
APPROVED

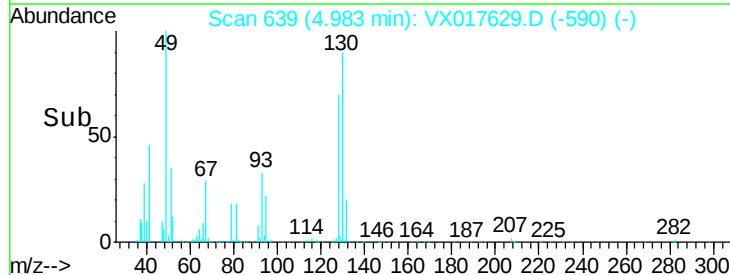
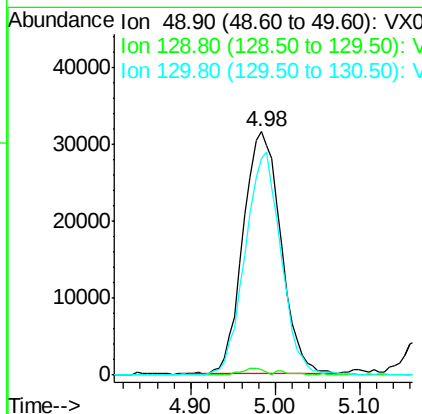
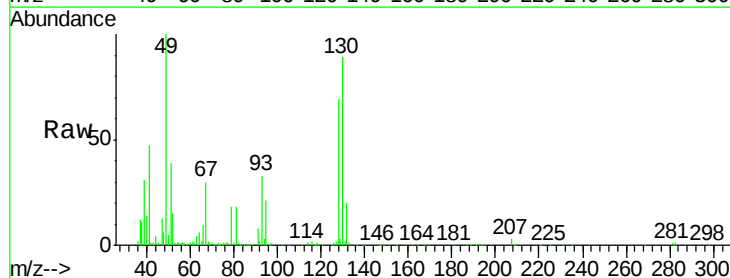
MMDadoda
7/28/2020 10:08:37 AM

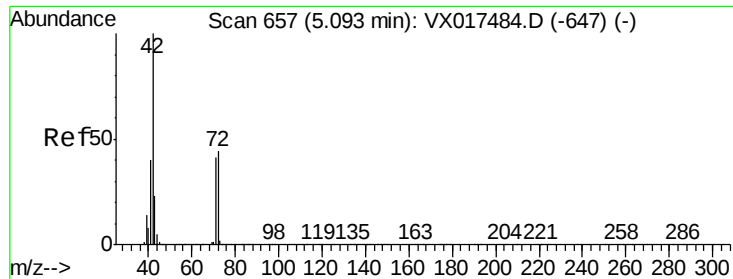


#28

Bromochloromethane
Concen: 18.810 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95893		
129	1.7	0.0	4.6	
130	87.0	66.7	100.1	





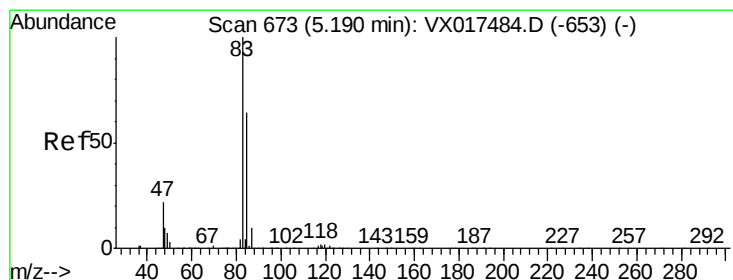
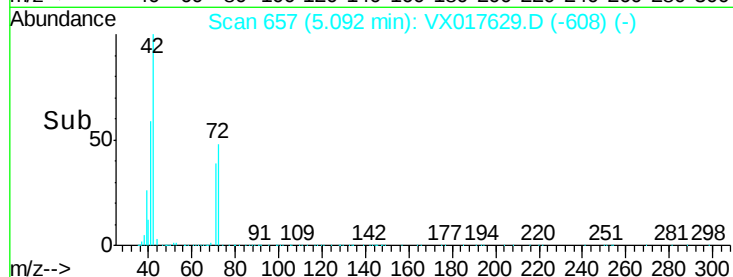
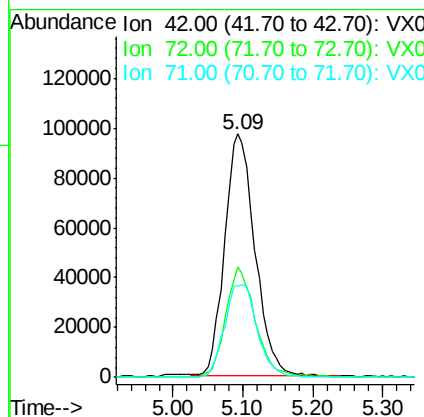
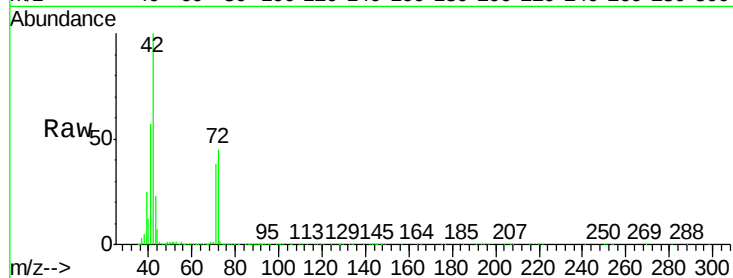
#29
Tetrahydrofuran
Concen: 104.147 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.5	53.3
71	41.5	33.0	49.4

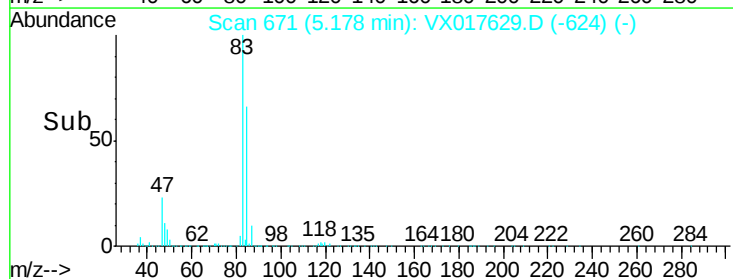
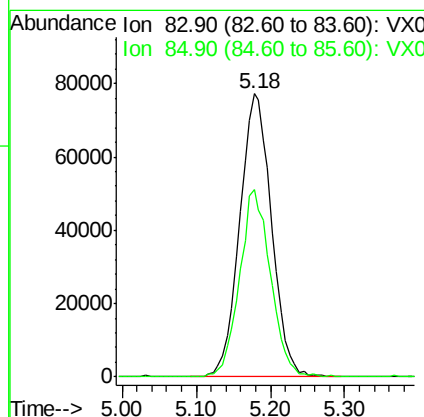
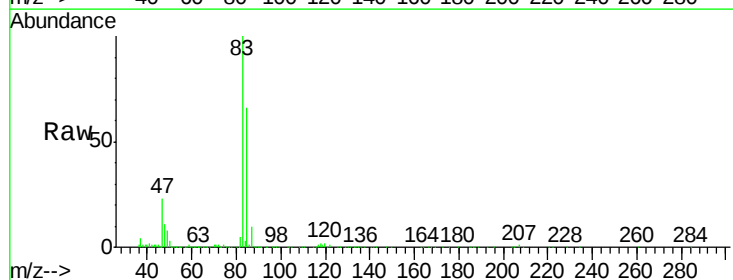
Manual Integrations
APPROVED

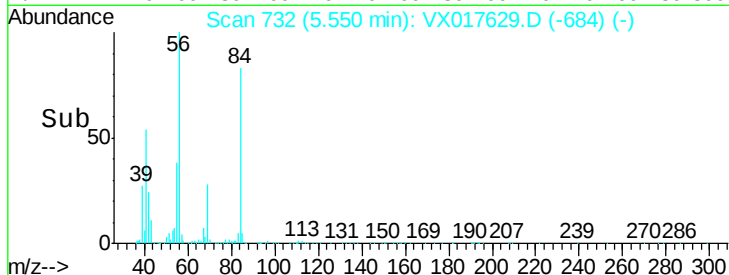
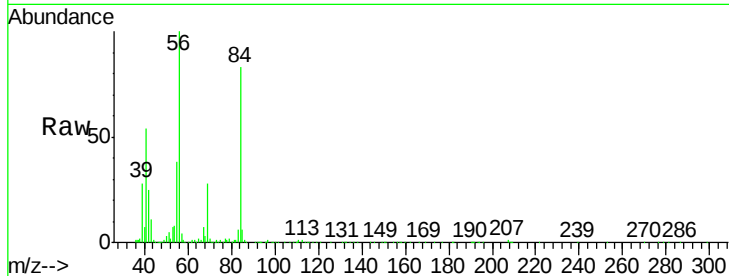
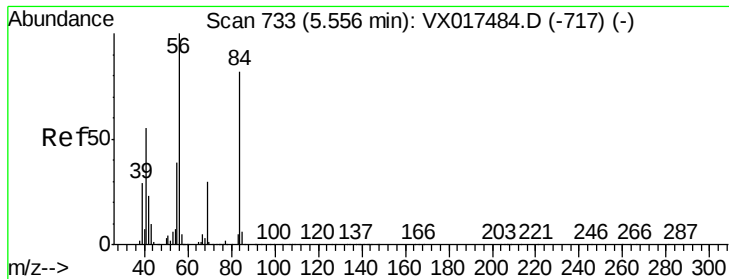
MMDadoda
7/28/2020 10:08:37 AM



#30
Chloroform
Concen: 20.124 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.4	77.2





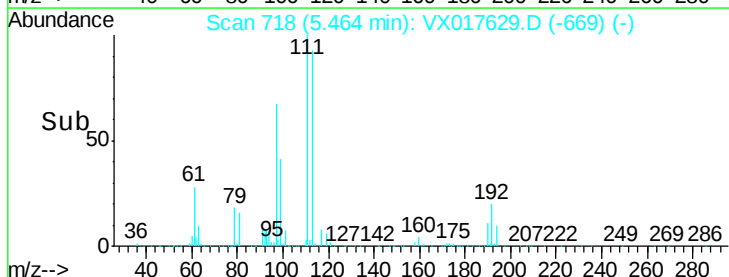
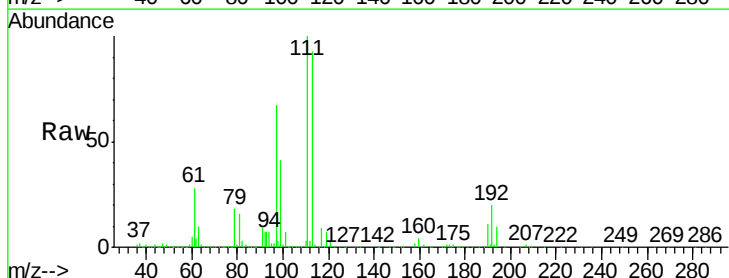
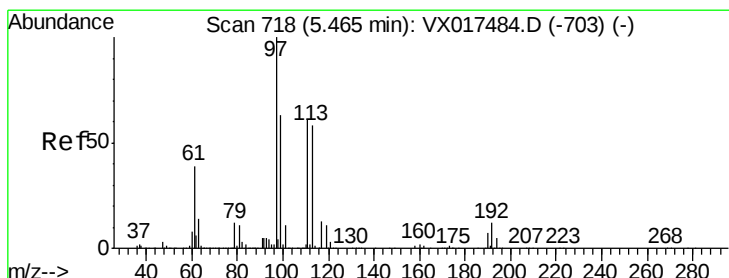
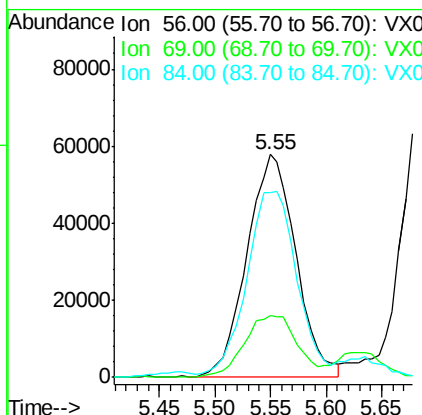
#31
Cyclohexane
Concen: 19.626 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.8	24.2	36.4
84	80.2	69.0	103.6

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

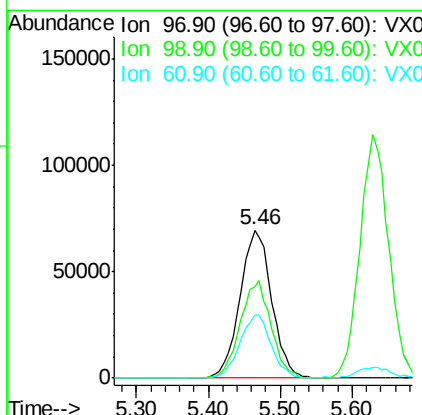
Manual Integrations
APPROVED

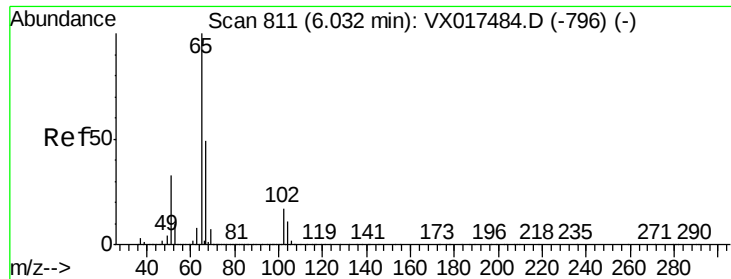
MMDadoda
7/28/2020 10:08:37 AM



#32
1,1,1-Trichloroethane
Concen: 19.586 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.9	77.9
61	41.9	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 51.054 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 65 Resp: 371382

Ion Ratio Lower Upper

65 100

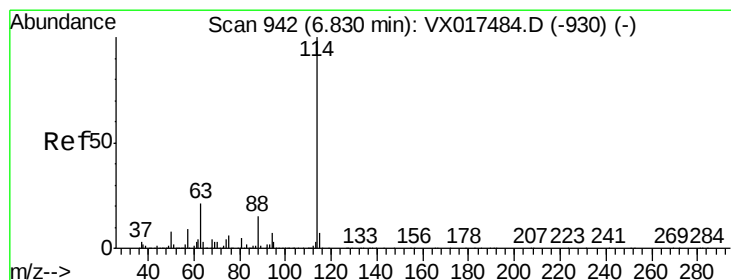
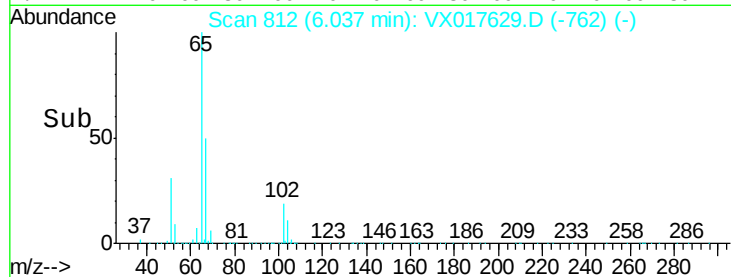
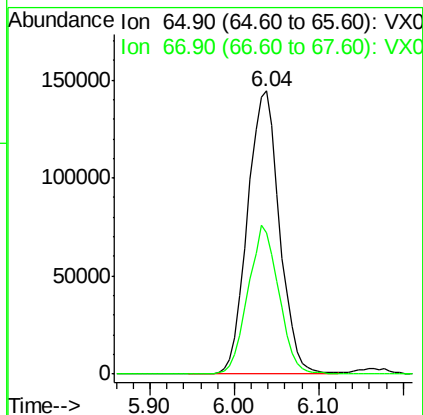
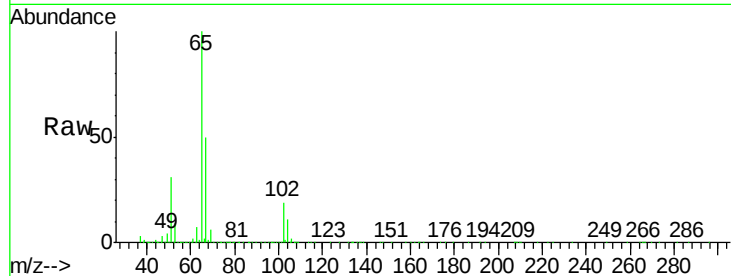
67 50.8 0.0 102.8

Manual Integrations

APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

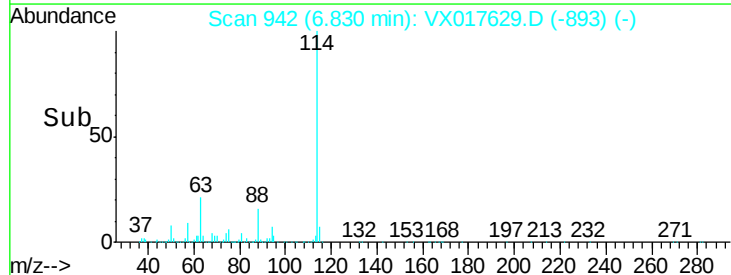
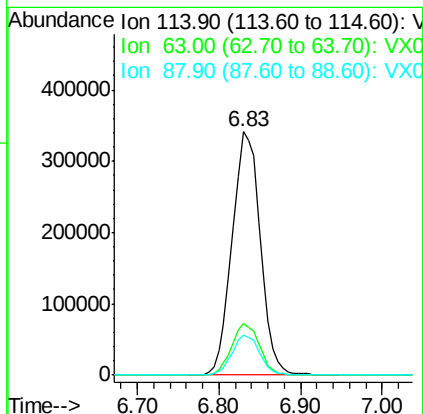
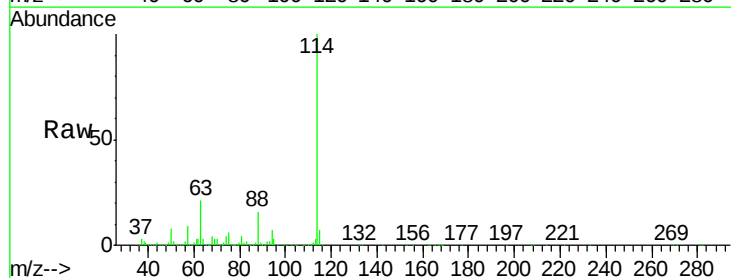
Tgt Ion: 114 Resp: 812326

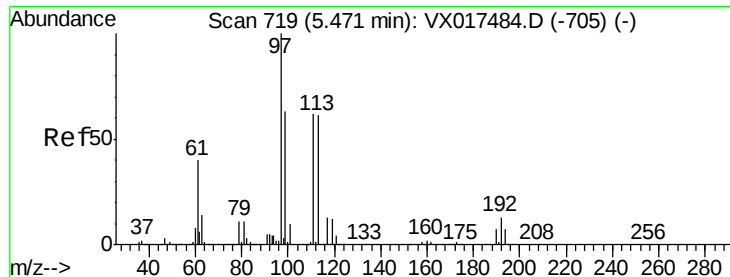
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

88 16.2 0.0 33.4





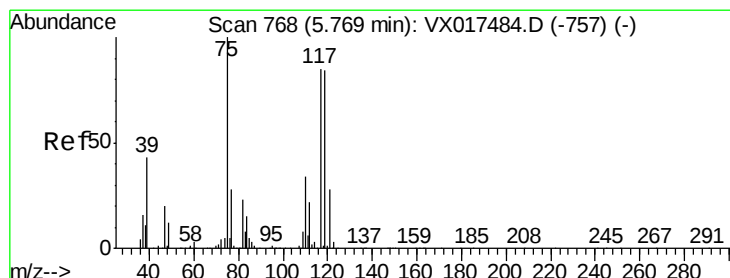
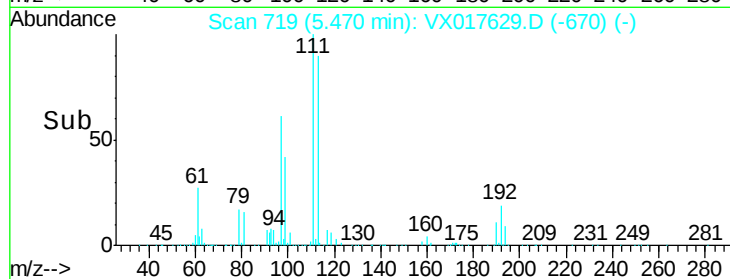
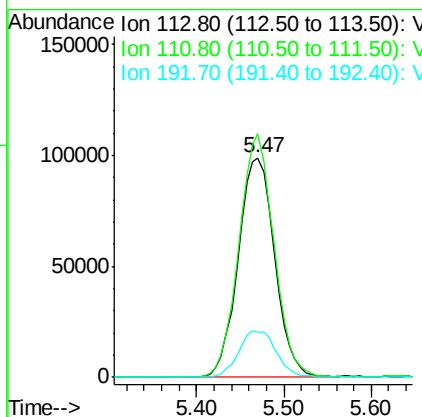
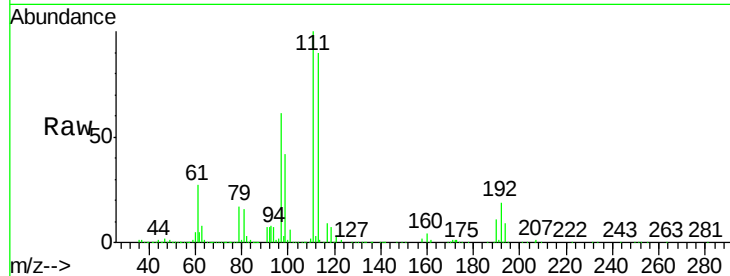
#35
 Dibromofluoromethane
 Concen: 52.986 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	287867		
111	106.2	80.7	121.1	
192	21.9	16.9	25.3	

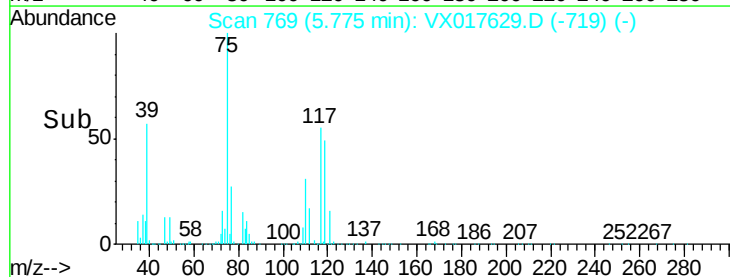
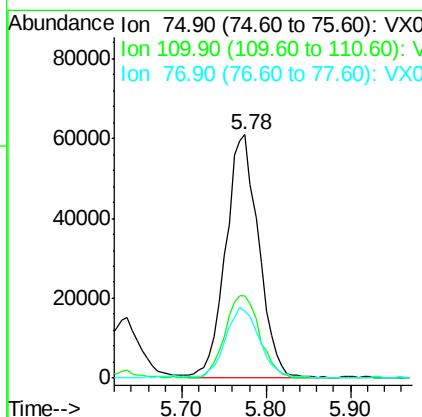
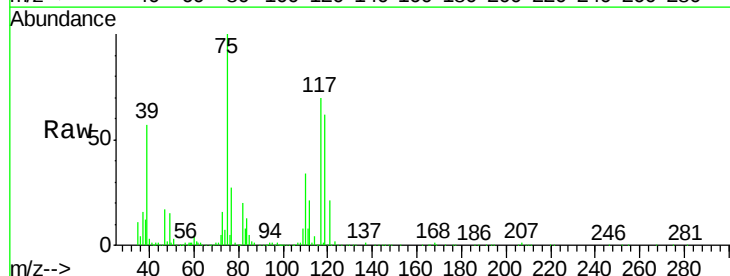
Manual Integrations
 APPROVED

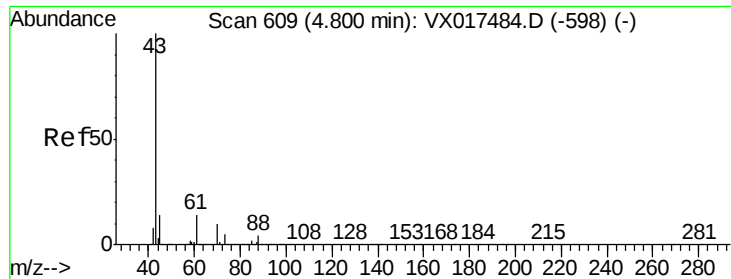
MMDadoda
 7/28/2020 10:08:37 AM



#36
 1,1-Dichloropropene
 Concen: 20.612 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160589		
110	36.0	18.1	54.3	
77	29.9	24.6	37.0	





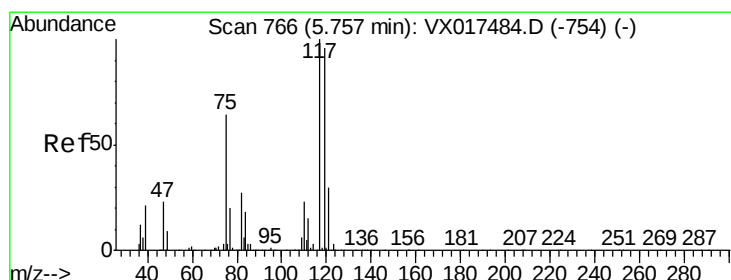
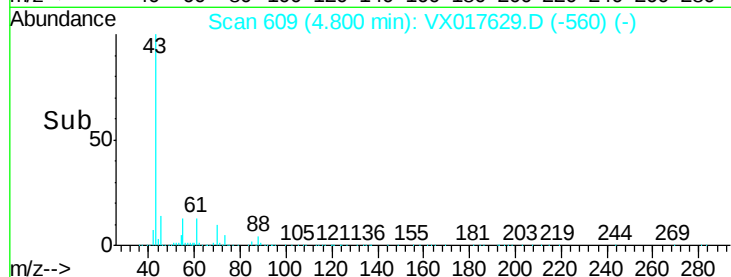
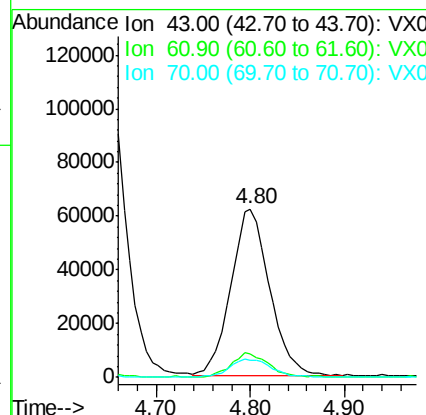
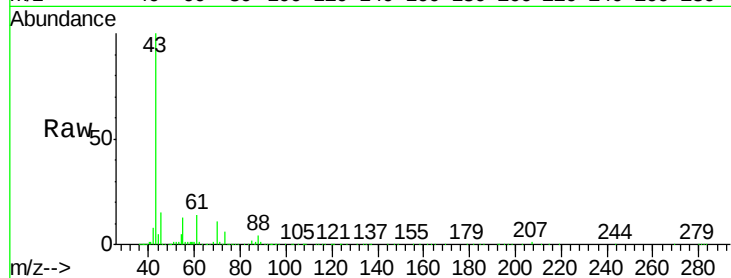
#37
Ethyl Acetate
Concen: 20.783 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.7	16.1
70	12.0	8.5	12.7

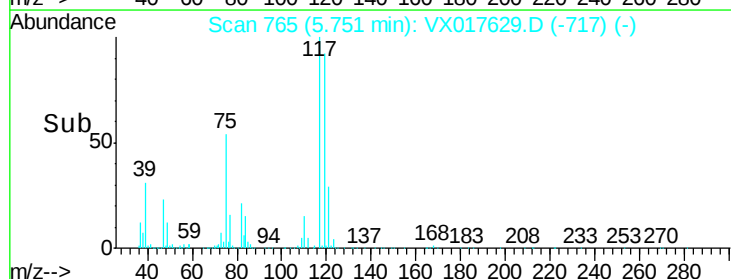
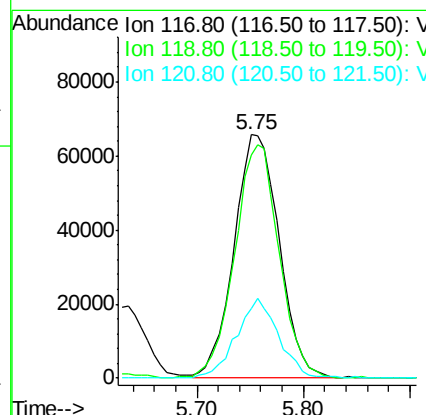
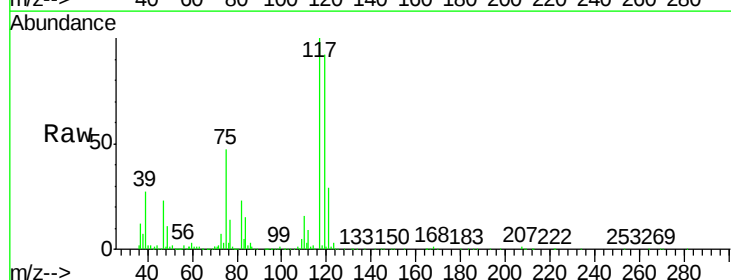
Manual Integrations
APPROVED

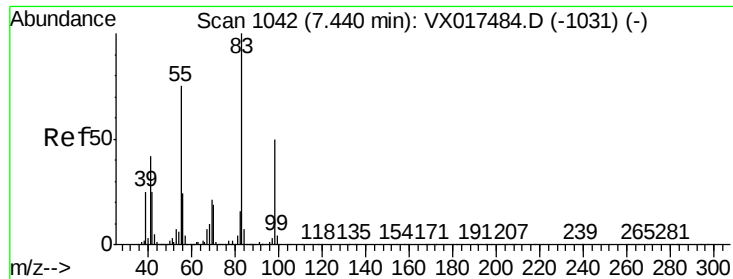
MMDadoda
7/28/2020 10:08:37 AM



#38
Carbon Tetrachloride
Concen: 20.494 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.4	113.0
121	28.6	24.3	36.5





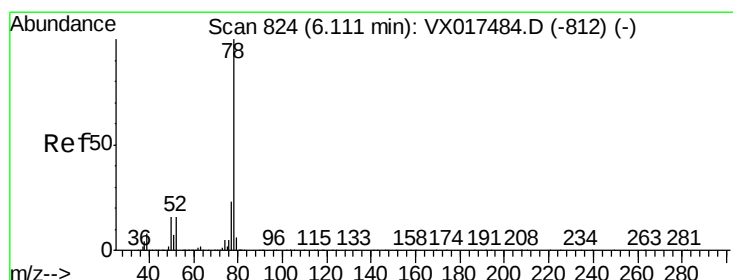
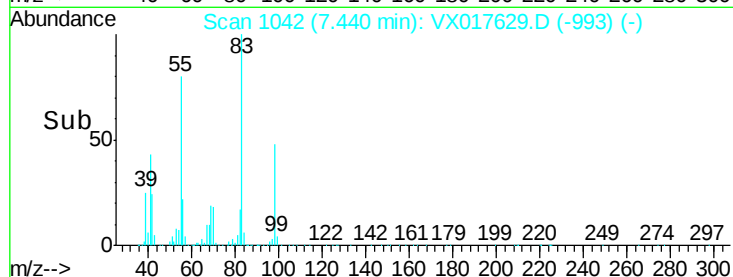
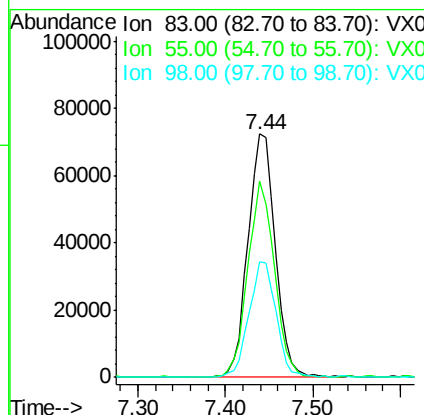
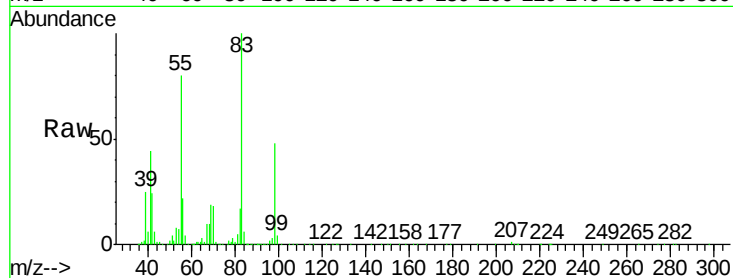
#39
Methvlcvclohexane
Concen: 17.251 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	61.8	92.8
98	47.6	36.9	55.3

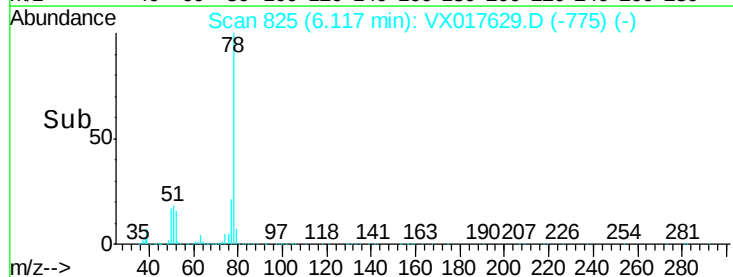
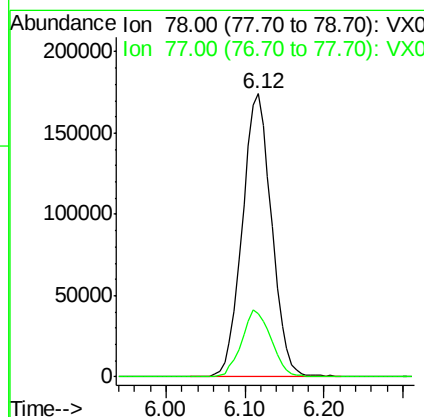
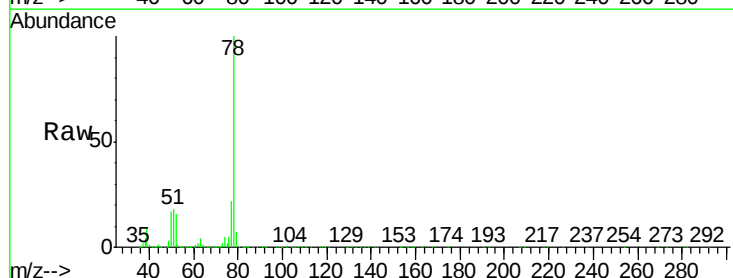
Manual Integrations
APPROVED

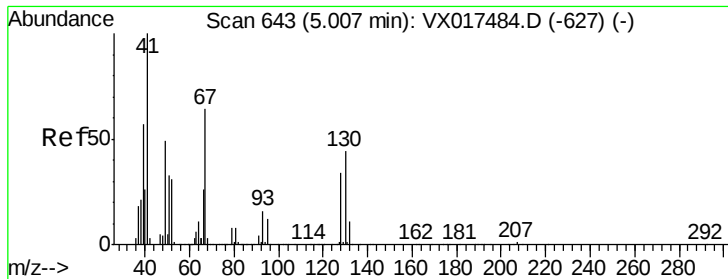
MMDadoda
7/28/2020 10:08:37 AM



#40
Benzene
Concen: 20.129 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.4	29.2





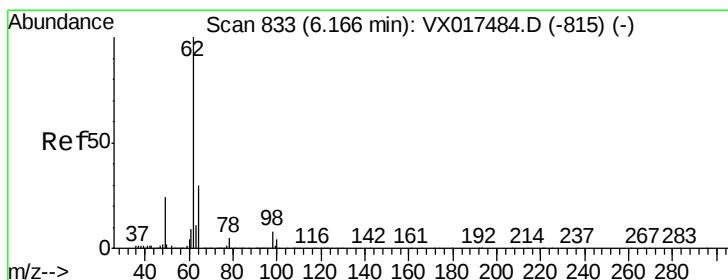
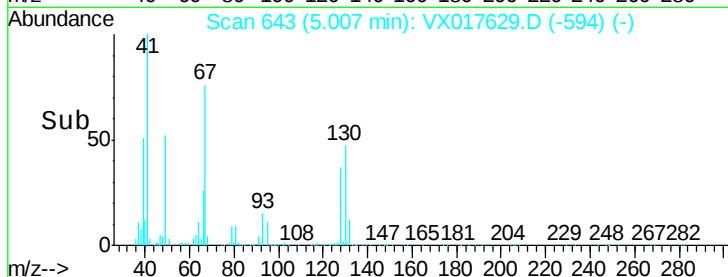
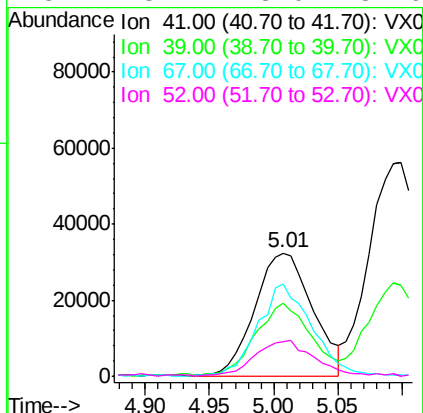
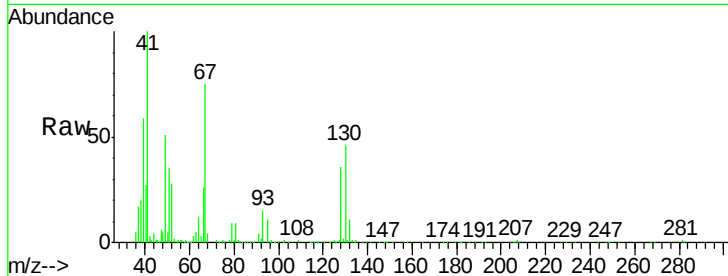
#41
Methacrylonitrile
Concen: 20.517 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.8	43.9	65.9	
67	70.3	54.0	81.0	
52	28.1	23.0	34.6	

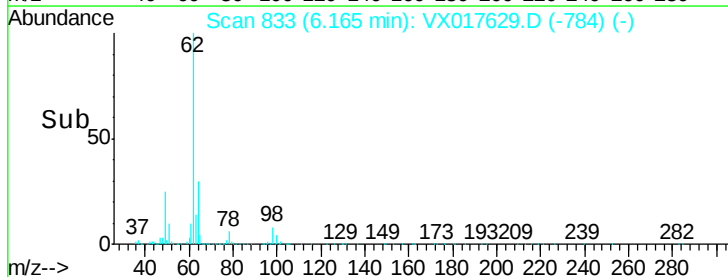
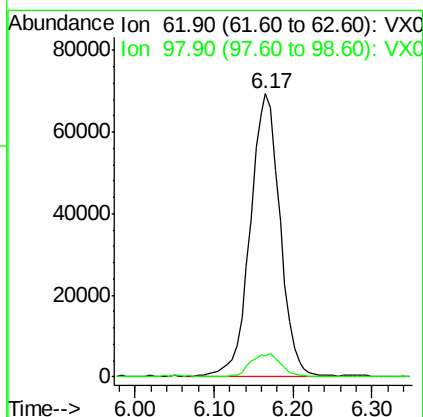
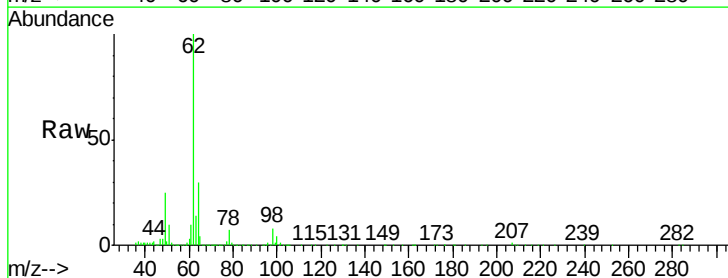
Manual Integrations
APPROVED

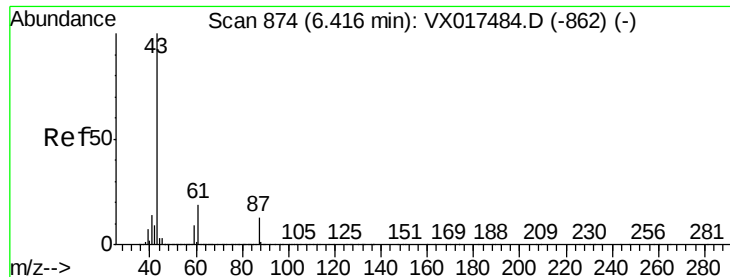
MMDadoda
7/28/2020 10:08:37 AM



#42
1,2-Dichloroethane
Concen: 20.020 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.0	





#43

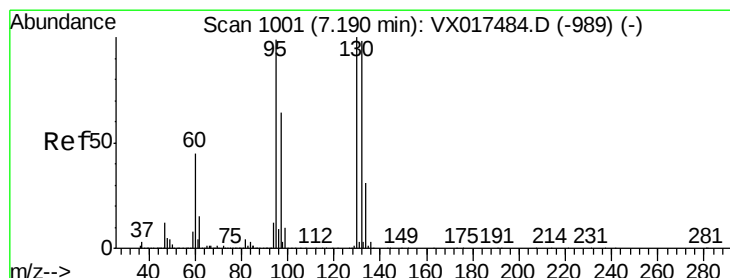
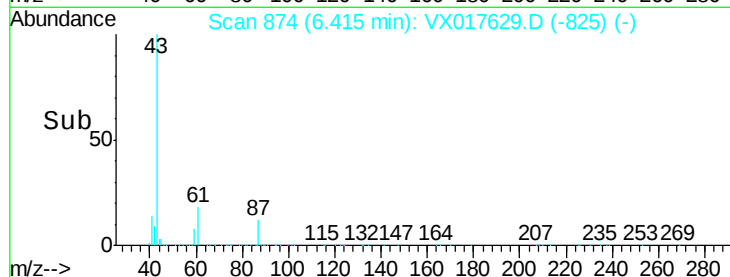
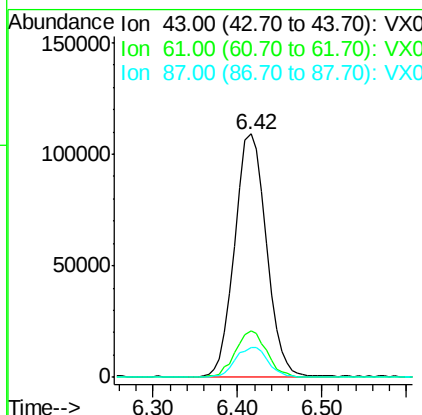
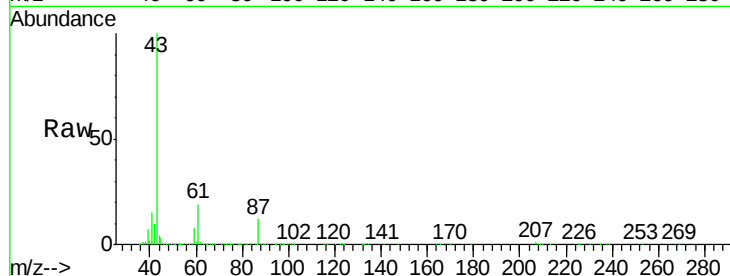
Isopropyl Acetate
 Concen: 19.704 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.5	23.3
87	12.9	10.5	15.7

Manual Integrations
 APPROVED

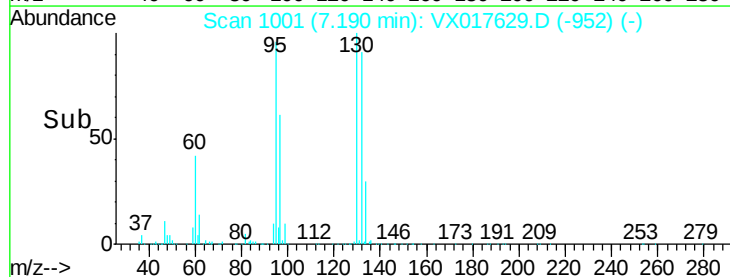
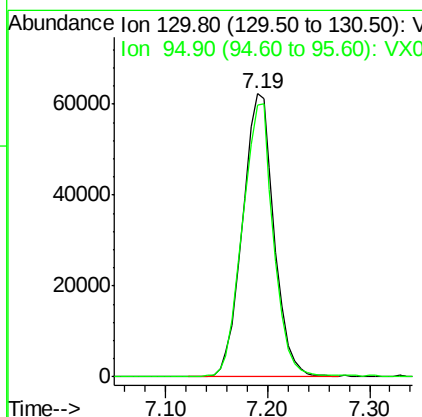
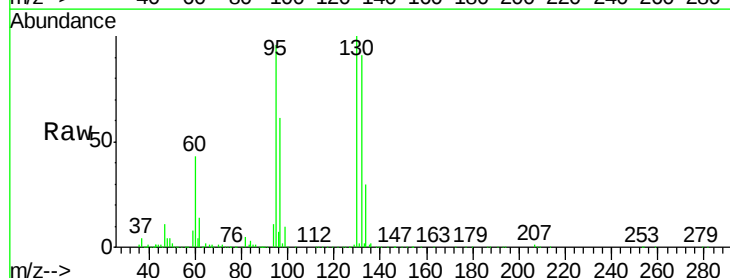
MMDadoda
 7/28/2020 10:08:37 AM

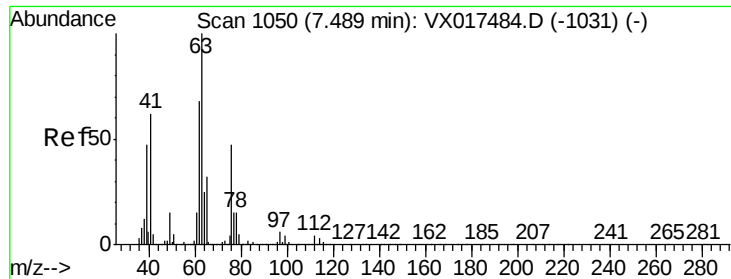


#44

Trichloroethene
 Concen: 20.375 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	189.0





#45

1,2-Dichloropropane

Concen: 18.182 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 63 Resp: 112585

Ion Ratio Lower Upper

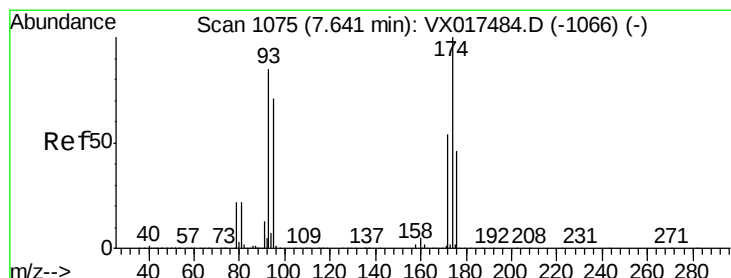
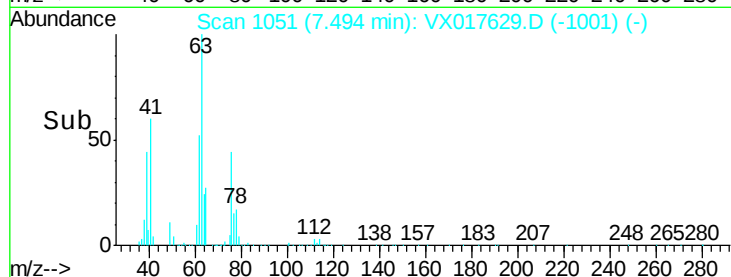
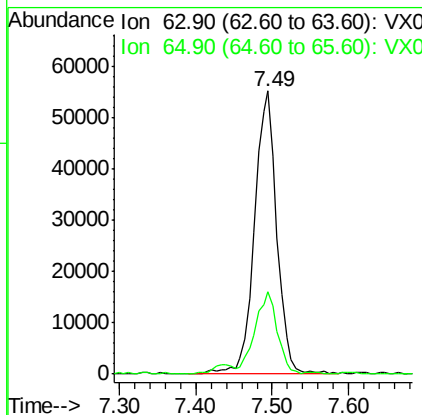
63 100

65 29.0 24.5 36.7

Manual Integrations
APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#46

Dibromomethane

Concen: 20.005 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

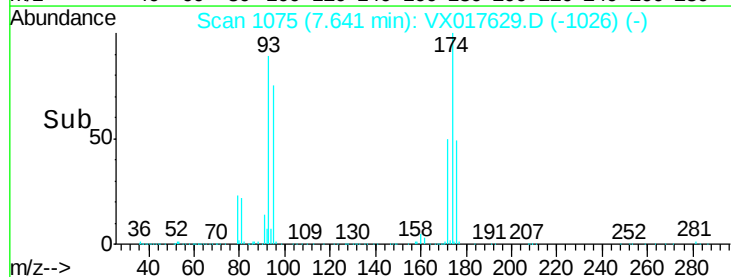
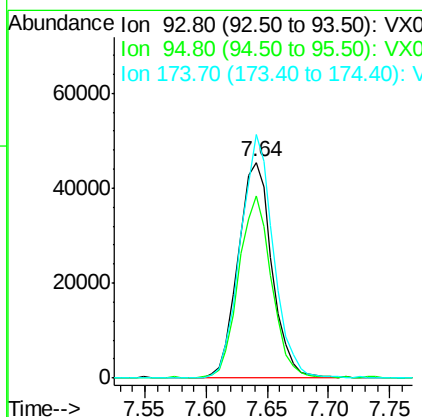
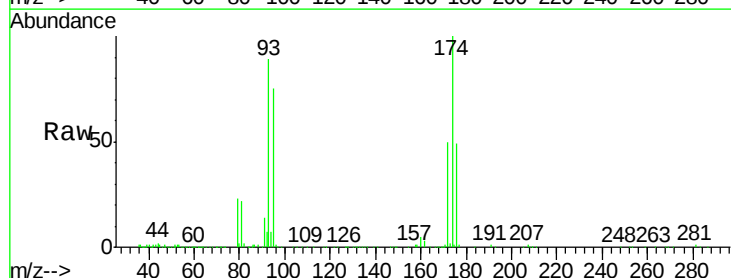
Tgt Ion: 93 Resp: 87541

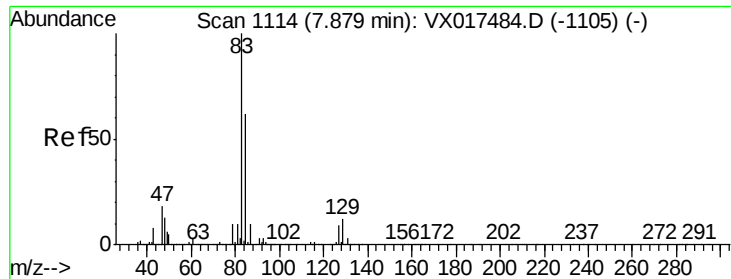
Ion Ratio Lower Upper

93 100

95 81.5 66.6 99.8

174 109.9 87.0 130.6





#47

Bromodichloromethane

Concen: 19.200 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

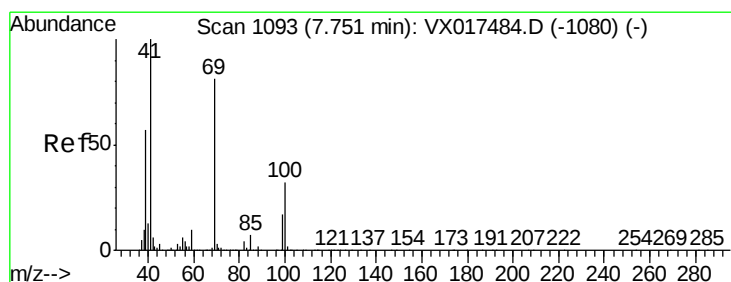
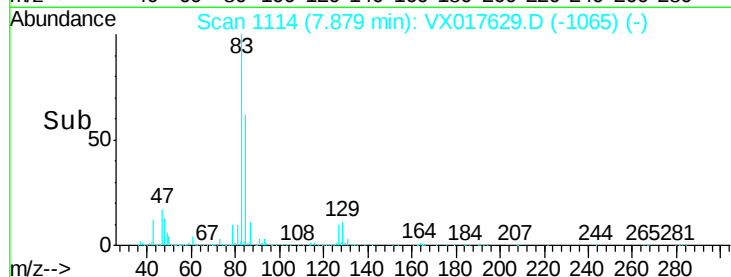
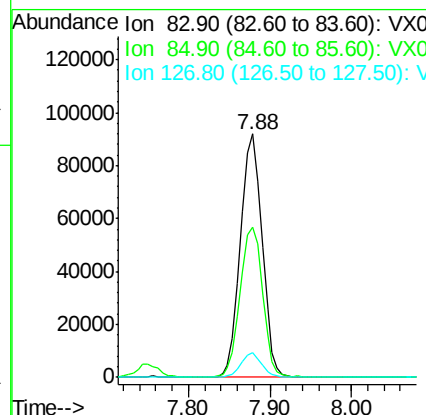
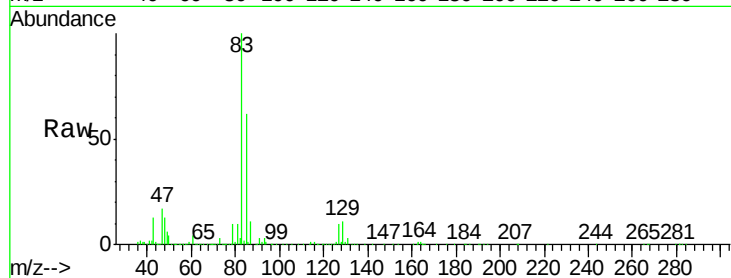
ClientSampleId :

VX0727WBS02

Tot Ion:	83	Resp:	169053
Ion Ratio	Lower	Upper	
83	100		
85	61.8	51.8	77.8
127	10.3	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 AM



#48

Methyl methacrylate

Concen: 18.206 ug/l

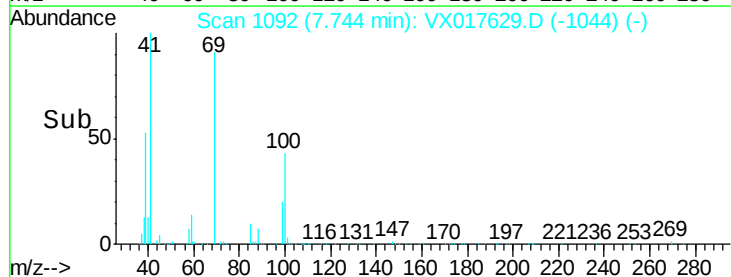
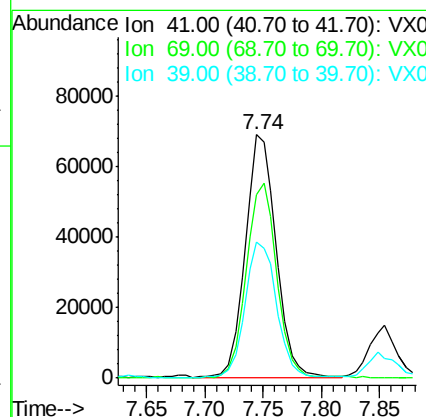
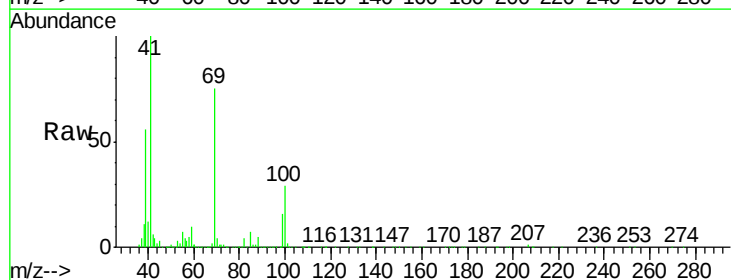
RT: 7.74 min Scan# 1092

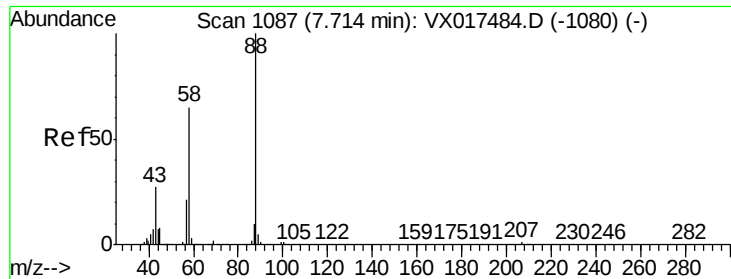
Delta R.T. -0.01 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Tgt Ion:	41	Resp:	126932
Ion Ratio	Lower	Upper	
41	100		
69	79.7	63.1	94.7
39	58.2	45.1	67.7





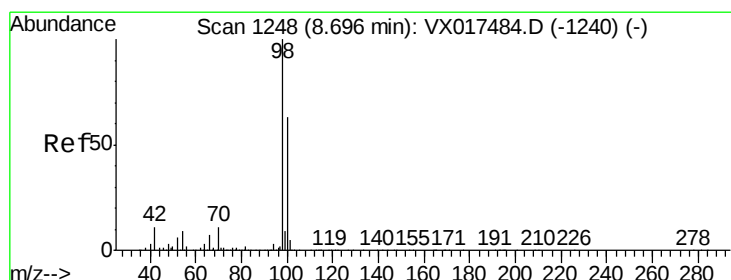
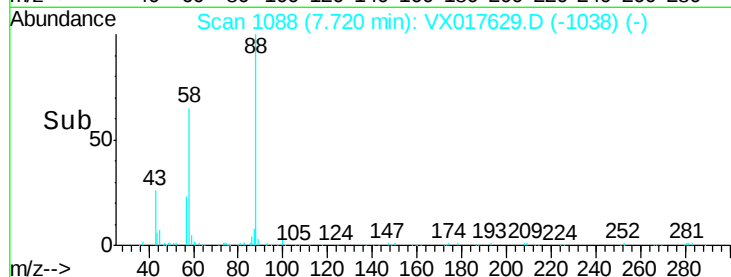
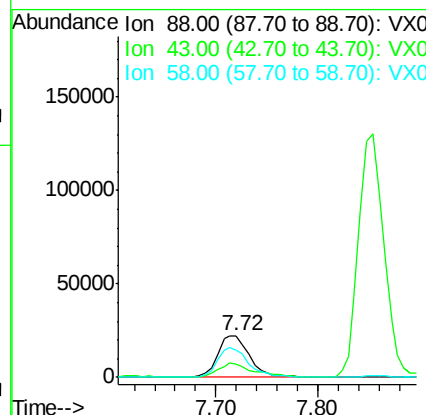
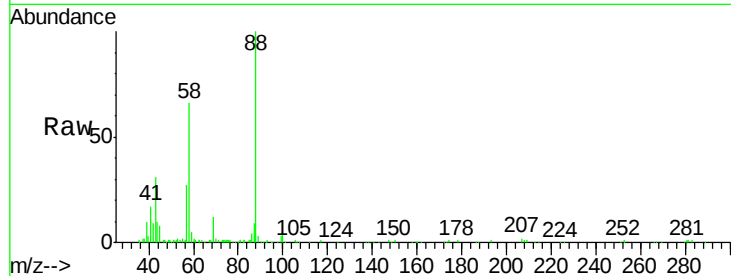
#49
1,4-Dioxane
Concen: 359.895 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	27.8	41.6
58	70.4	58.3	87.5

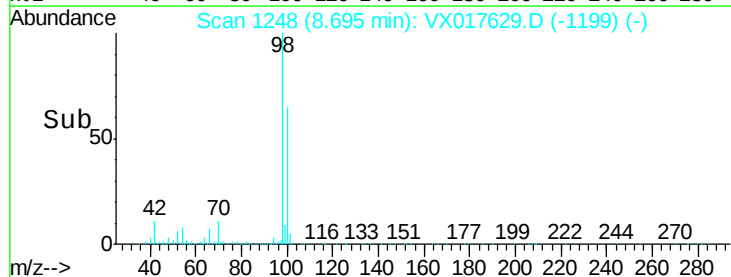
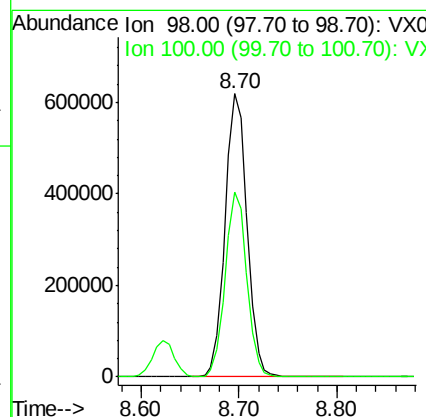
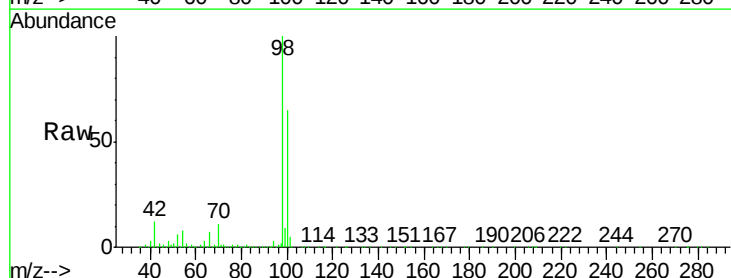
Manual Integrations
APPROVED

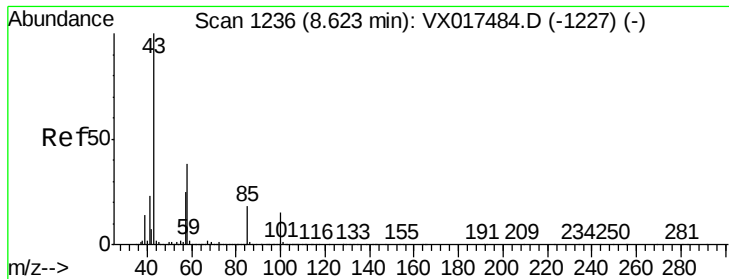
MMDadoda
7/28/2020 10:08:37 AM



#50
Toluene-d8
Concen: 49.143 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 99.256 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 43 Resp: 832959

Ion Ratio Lower Upper

43 100

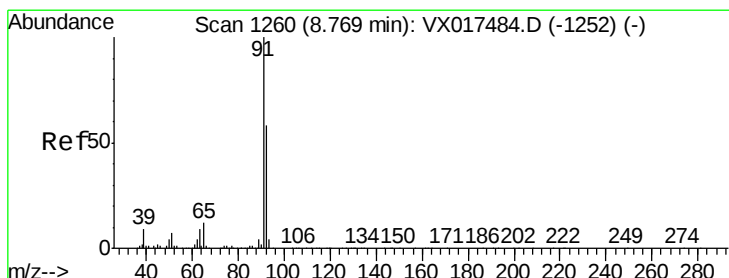
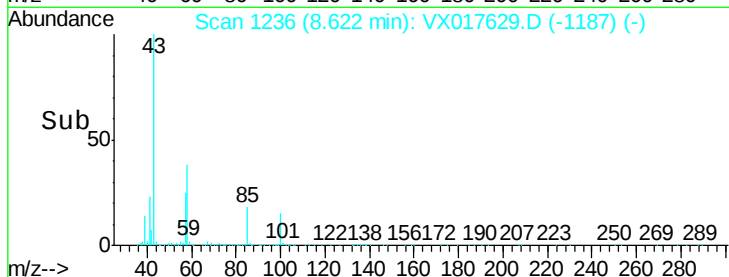
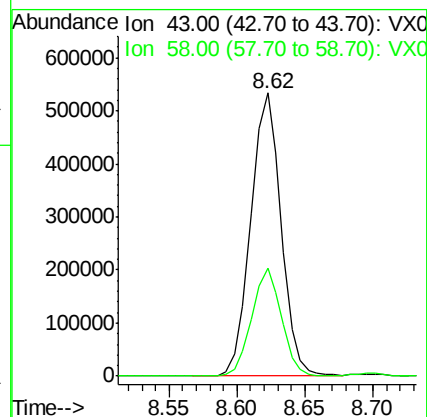
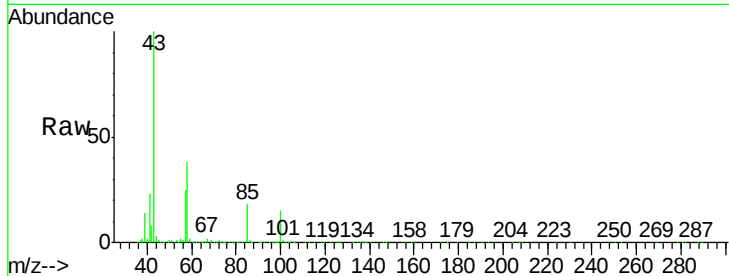
58 37.6 31.0 46.4

Manual Integrations

APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#52

Toluene

Concen: 18.596 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017629.D

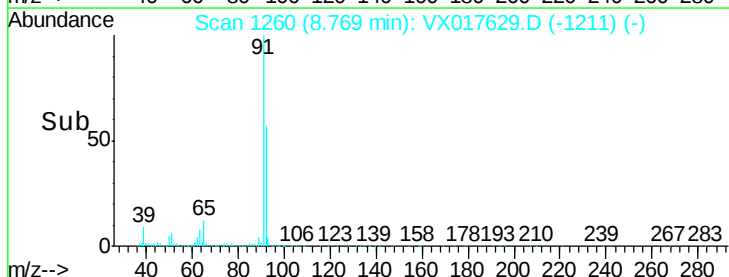
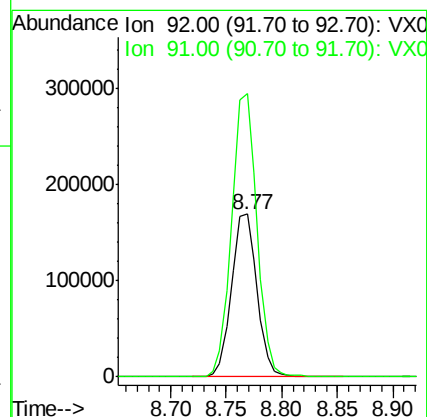
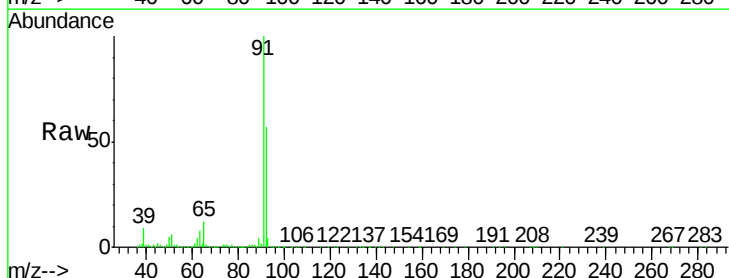
Acq: 27 Jul 2020 20:04

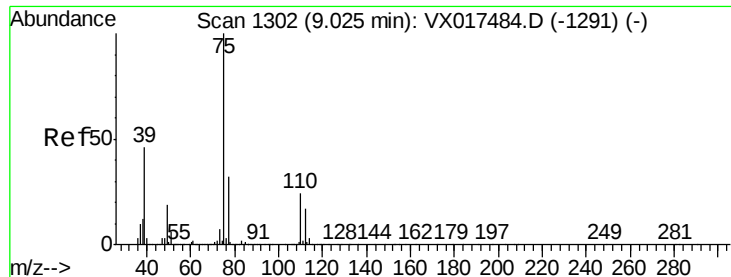
Tgt Ion: 92 Resp: 266380

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4





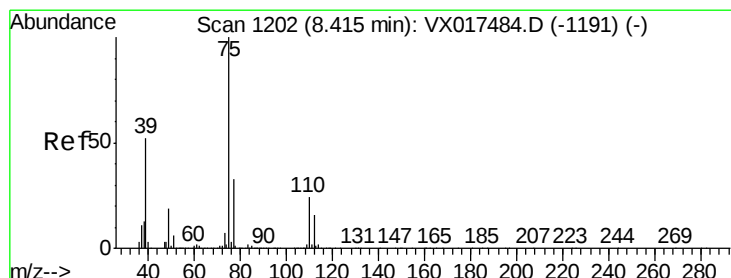
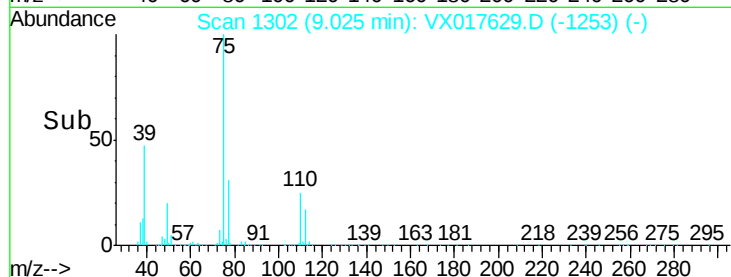
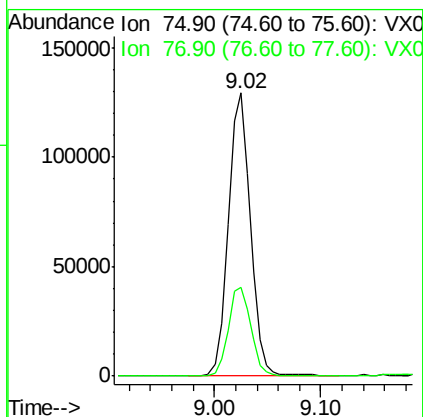
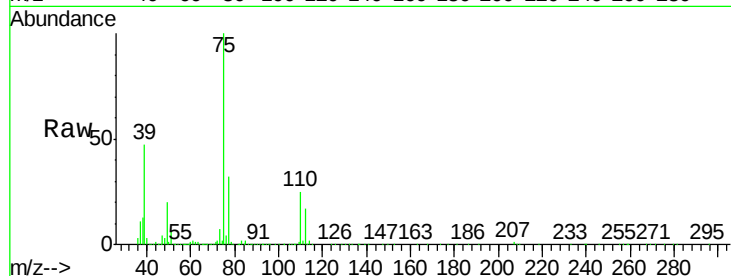
#53
t-1,3-Dichloropropene
Concen: 19.004 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampled :
VX0727WBS02

Tot Ion: 75 Resp: 187312
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

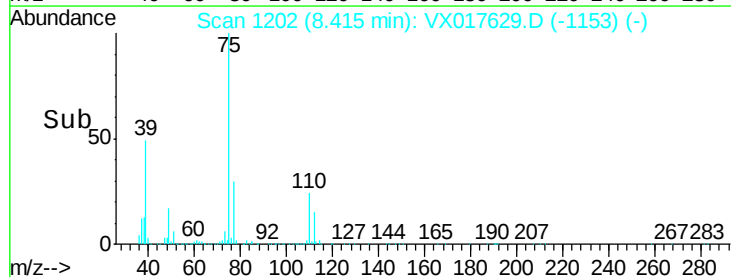
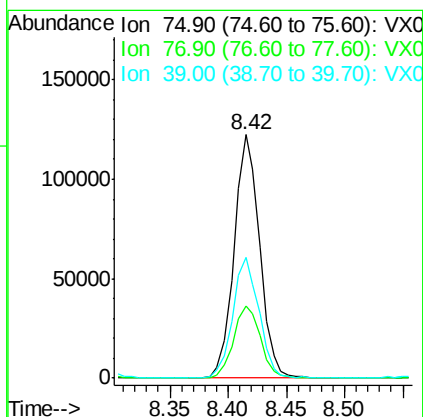
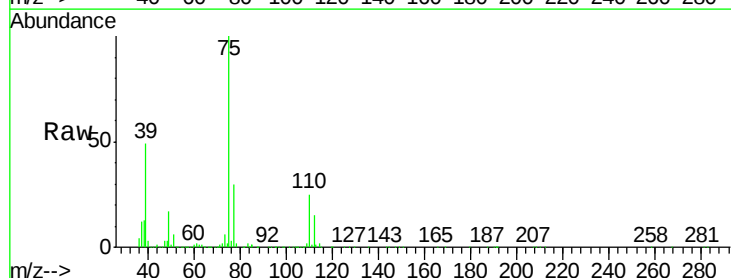
Manual Integrations
APPROVED

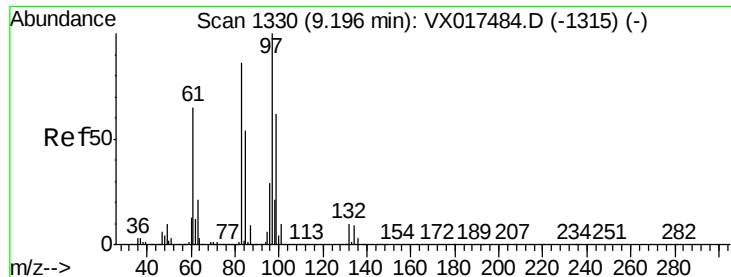
MMDadoda
7/28/2020 10:08:37 AM



#54
cis-1,3-Dichloropropene
Concen: 18.629 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion: 75 Resp: 187289
Ion Ratio Lower Upper
75 100
77 29.6 25.5 38.3
39 49.1 41.8 62.8





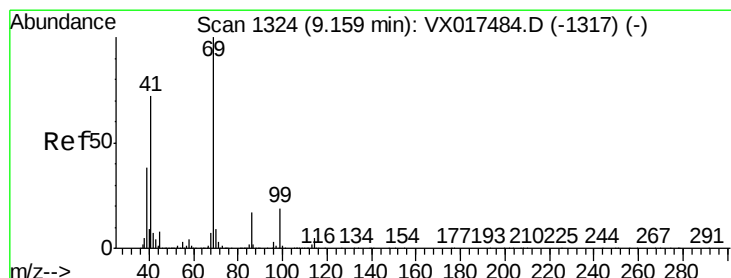
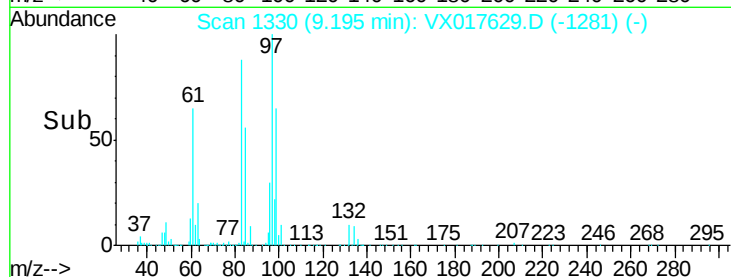
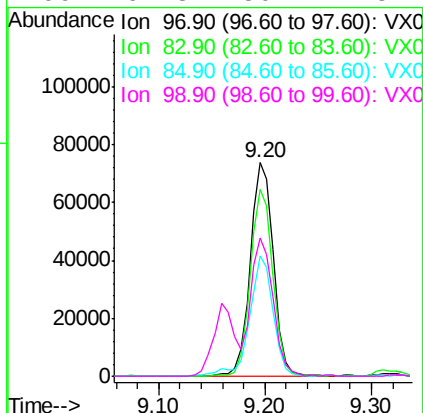
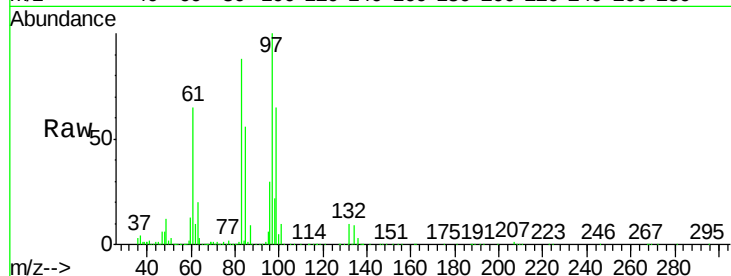
#55
 1,1,2-Trichloroethane
 Concen: 18.811 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		112250		
83	87.7	67.6	101.4		
85	56.2	44.6	67.0		
99	64.8	50.2	75.4		

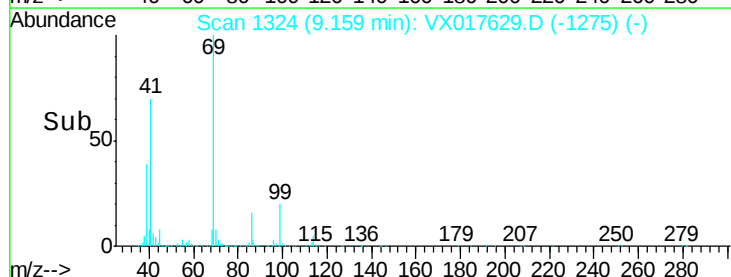
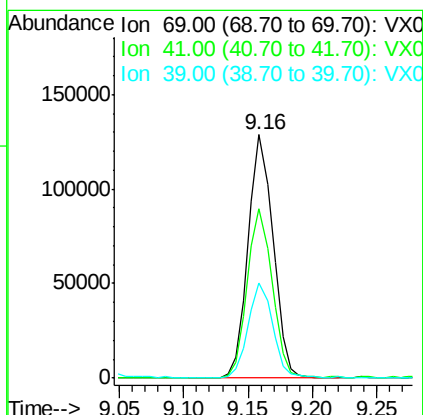
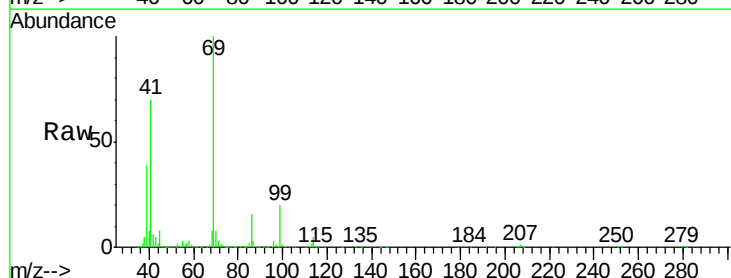
Manual Integrations
 APPROVED

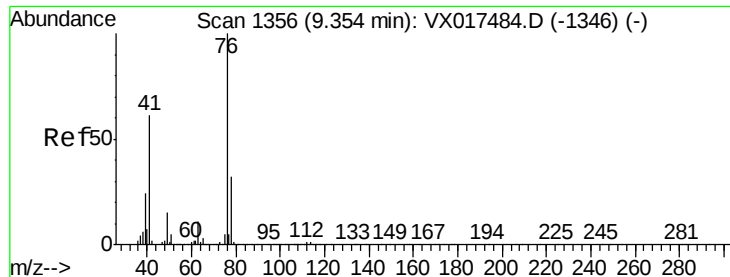
MMDadoda
 7/28/2020 10:08:37 AM



#56
 Ethyl methacrylate
 Concen: 19.195 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		172565		
41	68.8	55.0	82.6		
39	38.0	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 19.444 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion: 76 Resp: 191058

Ion Ratio Lower Upper

76 100

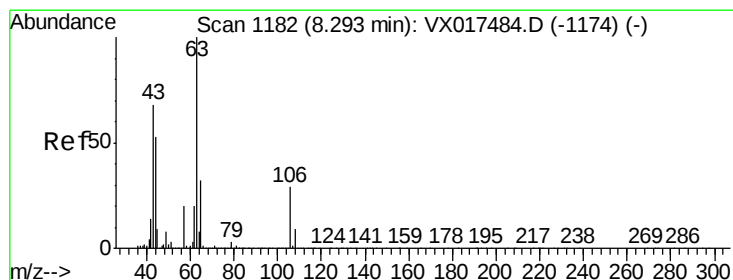
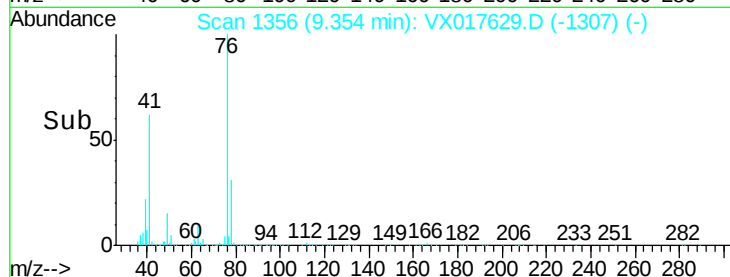
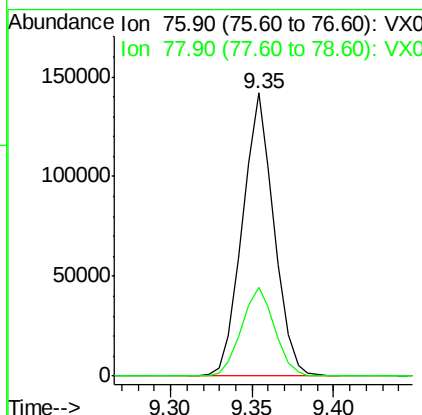
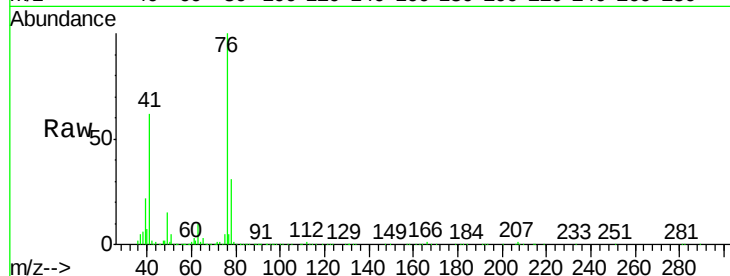
78 33.1 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

7/28/2020 10:08:37 AM



#58

2-Chloroethyl Vinyl ether

Concen: 82.884 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017629.D

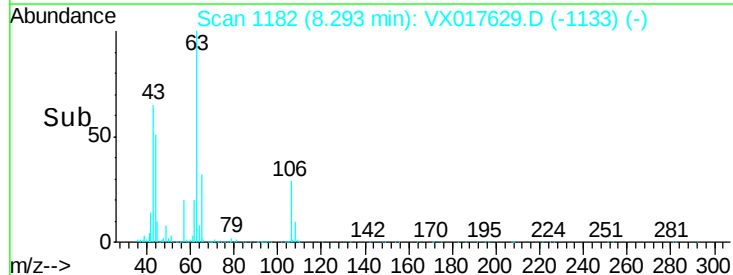
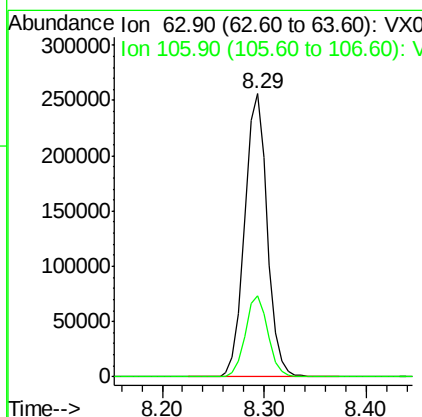
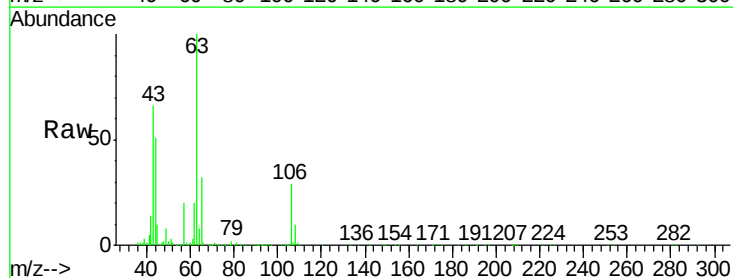
Acq: 27 Jul 2020 20:04

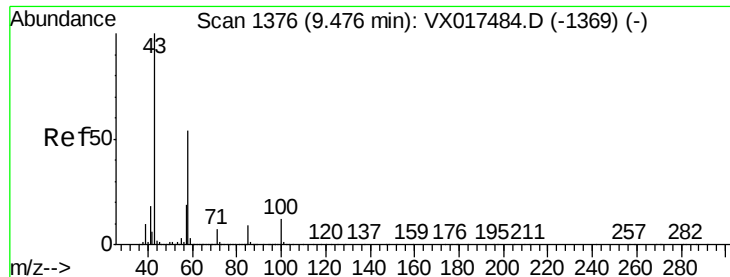
Tgt Ion: 63 Resp: 392578

Ion Ratio Lower Upper

63 100

106 28.7 22.6 34.0





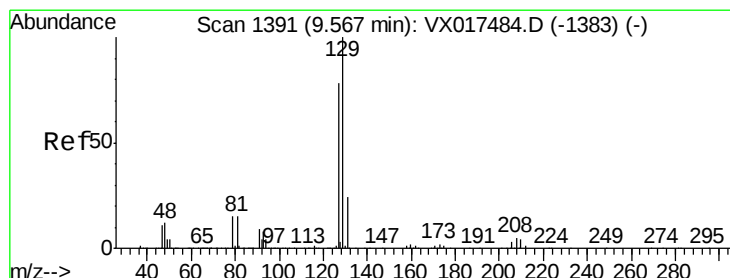
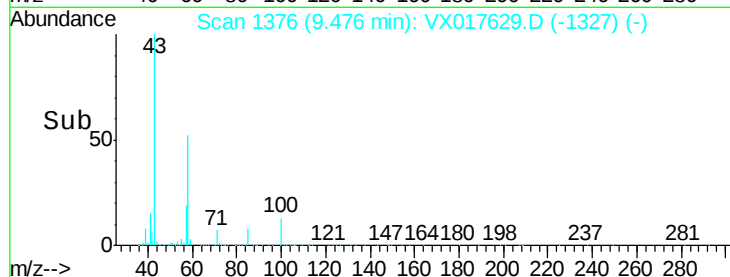
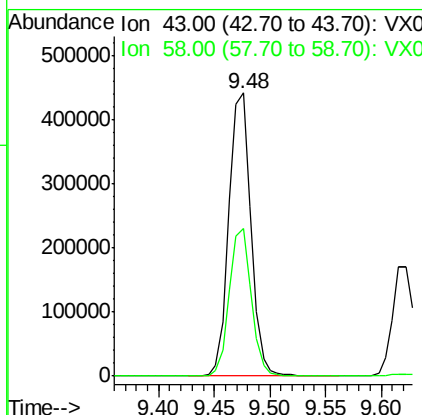
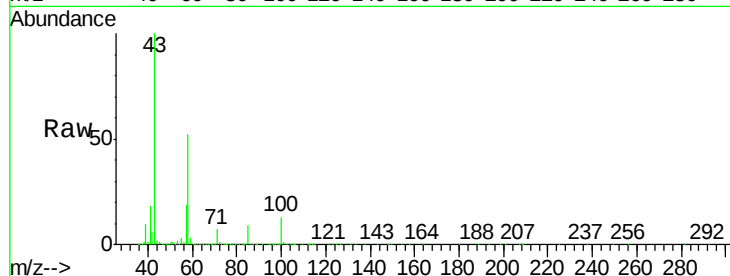
#59
2-Hexanone
Concen: 96.459 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion: 43 Resp: 609452
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.8

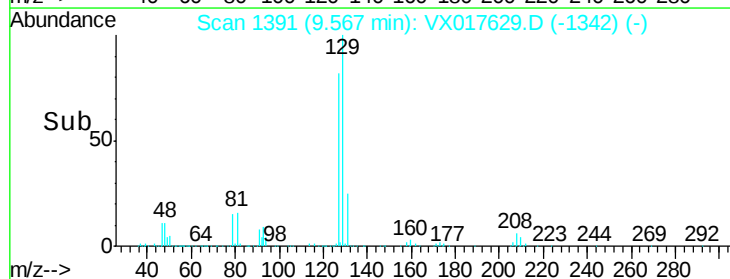
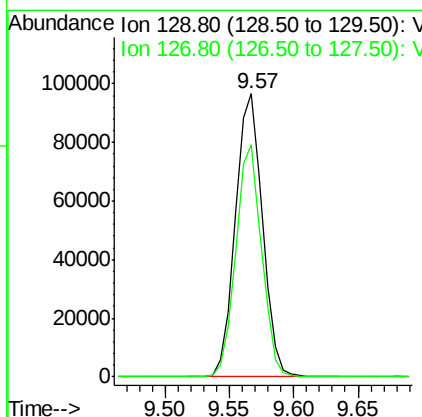
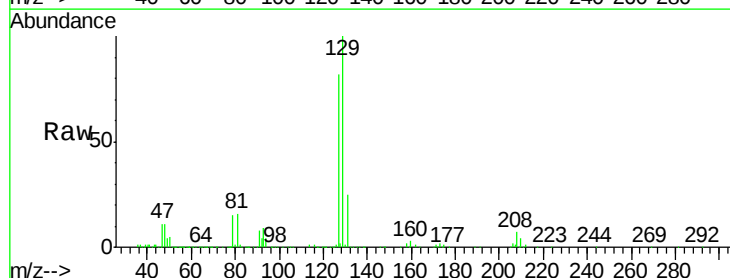
Manual Integrations
APPROVED

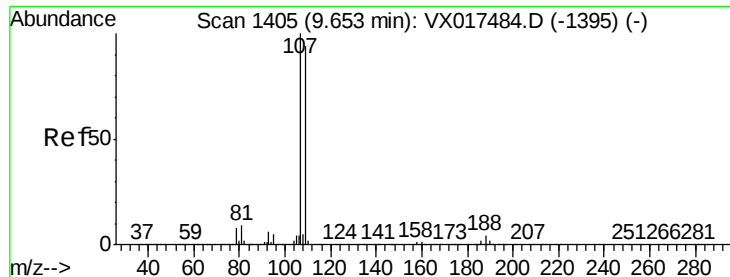
MMDadoda
7/28/2020 10:08:37 AM



#60
Dibromochloromethane
Concen: 18.601 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion: 129 Resp: 141083
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1





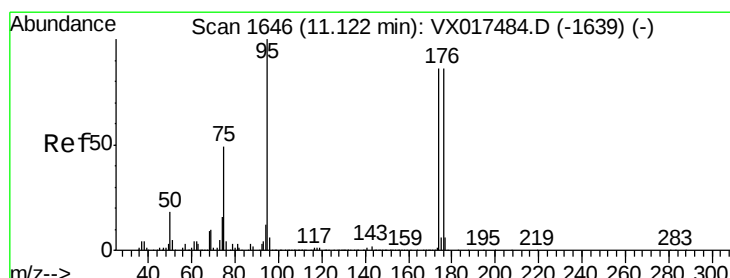
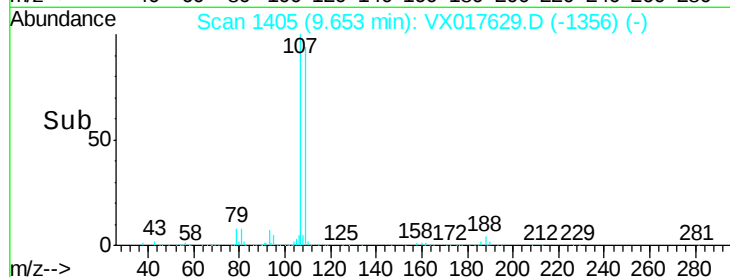
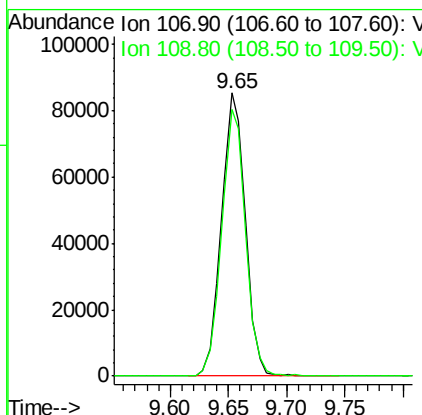
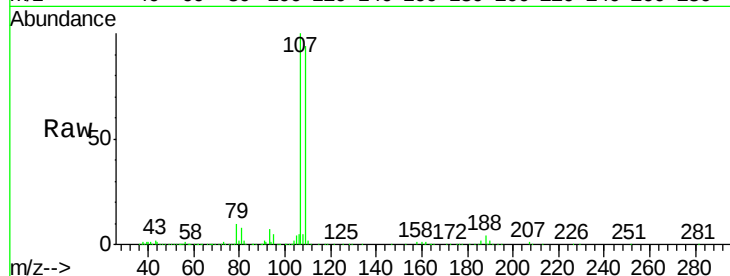
#61
 1,2-Dibromoethane
 Concen: 19.025 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.9	112.3

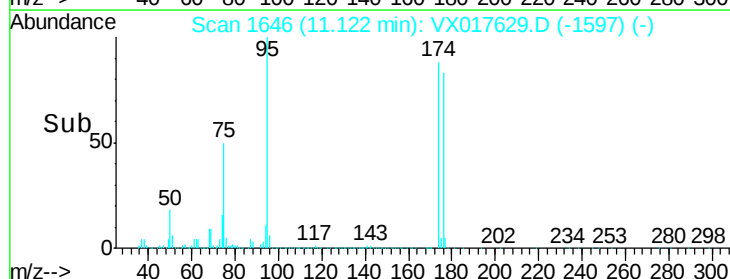
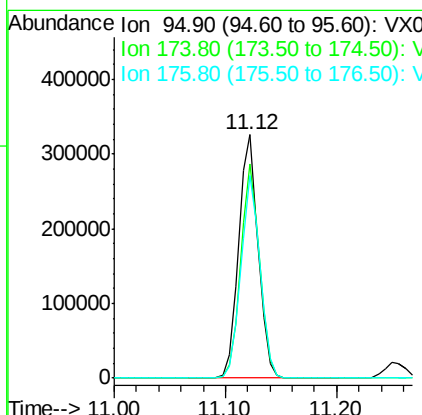
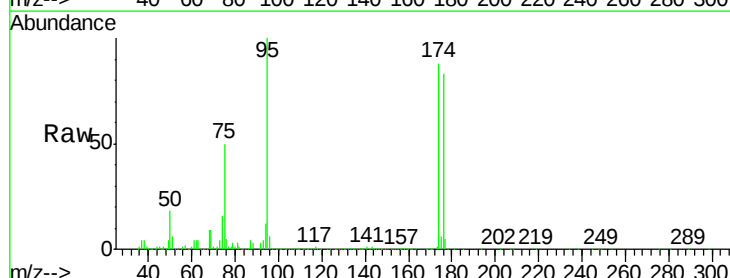
Manual Integrations
 APPROVED

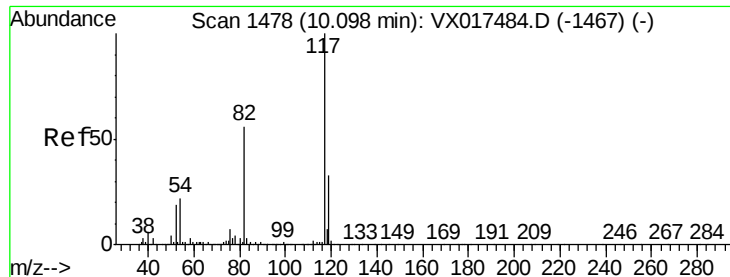
MMDadoda
 7/28/2020 10:08:37 AM



#62
 4-Bromofluorobenzene
 Concen: 50.156 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	169.0
176	82.0	0.0	161.0





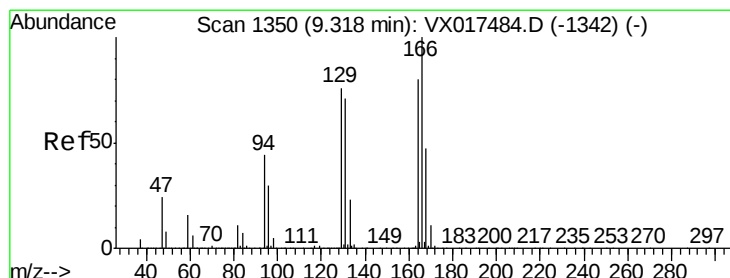
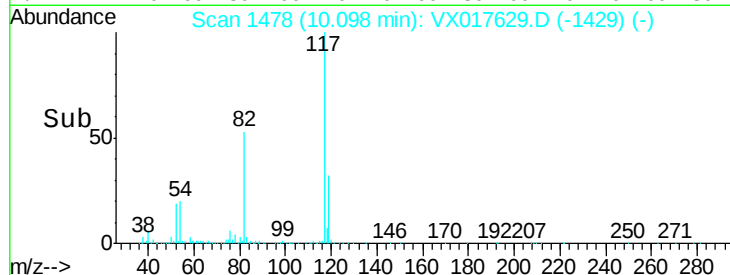
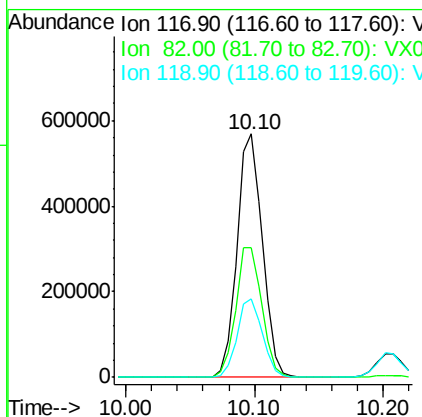
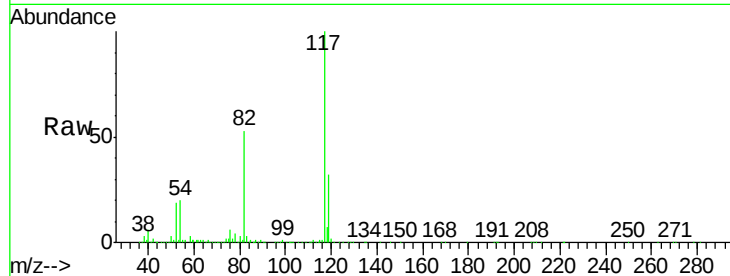
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	774877		
82	53.2	44.0	66.0	
119	32.4	25.4	38.0	

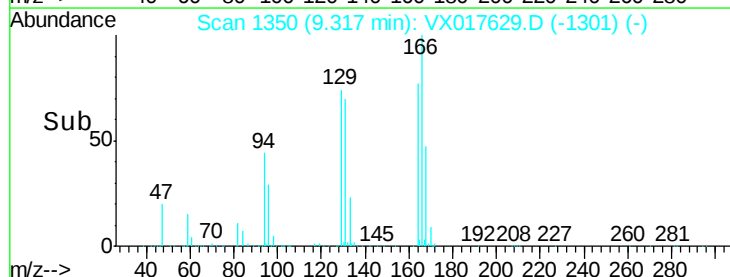
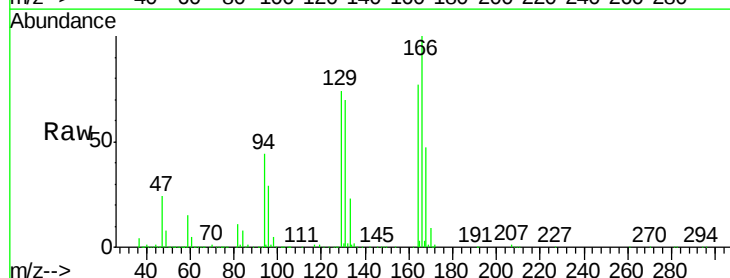
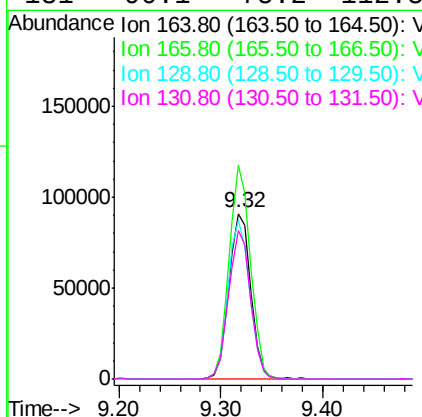
Manual Integrations
APPROVED

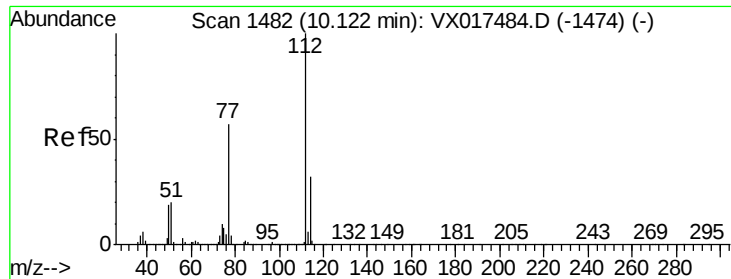
MMDadoda
7/28/2020 10:08:37 AM



#64
Tetrachloroethene
Concen: 19.312 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	134307		
166	129.4	100.6	150.8	
129	95.8	75.0	112.6	
131	90.1	75.2	112.8	





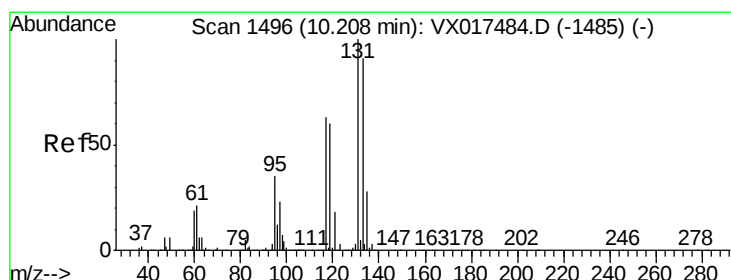
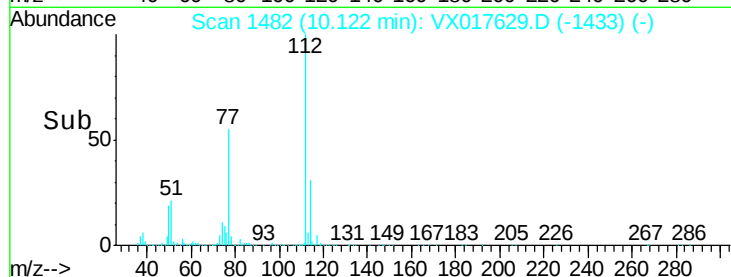
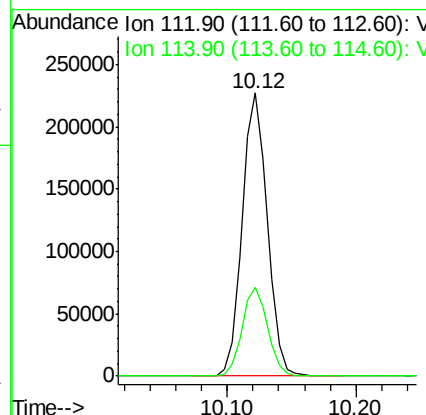
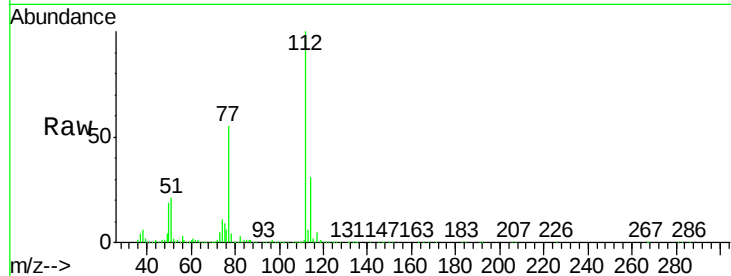
#65
Chlorobenzene
Concen: 18.239 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.7	38.5

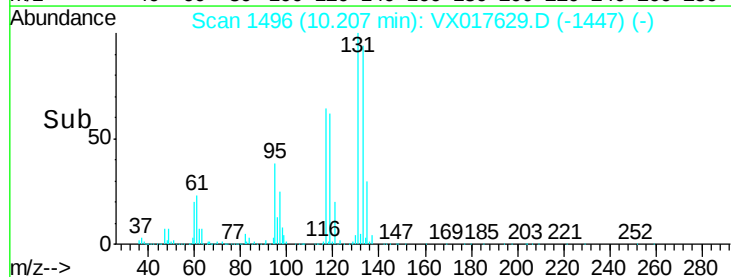
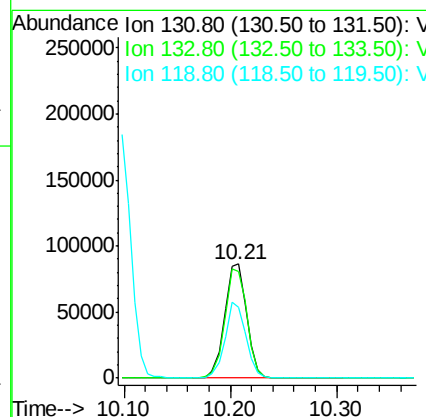
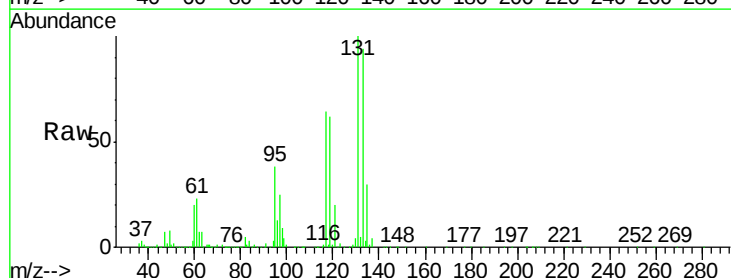
Manual Integrations
APPROVED

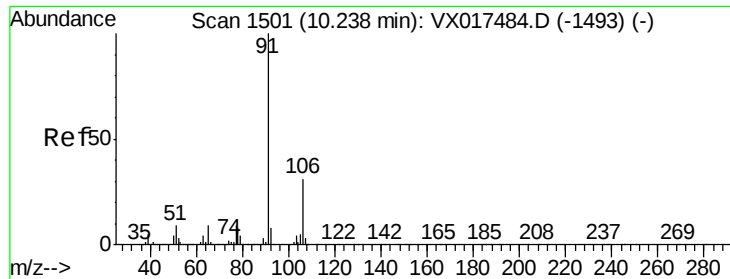
MMDadoda
7/28/2020 10:08:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.421 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.9	143.6
119	62.3	31.1	93.3





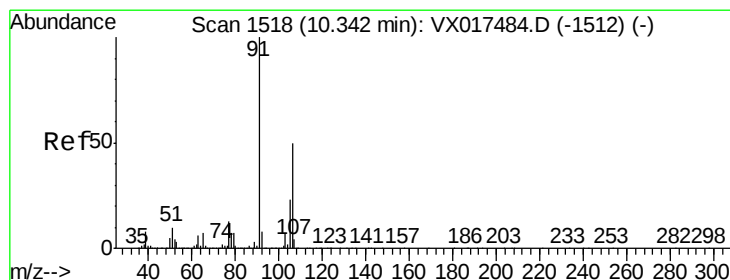
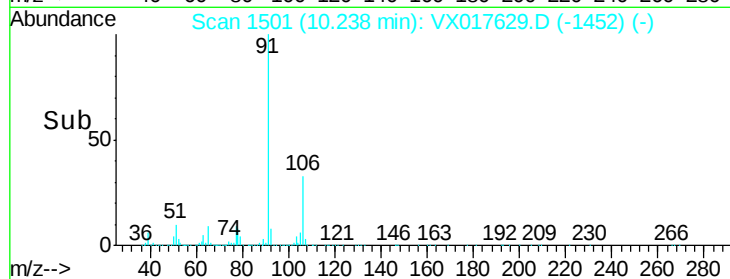
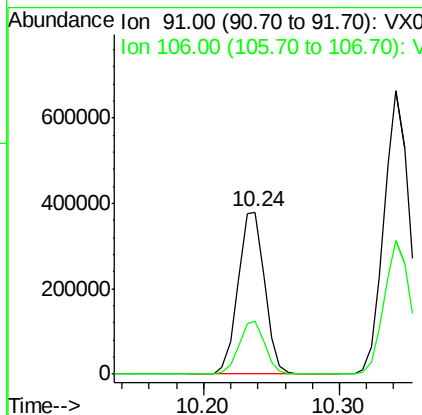
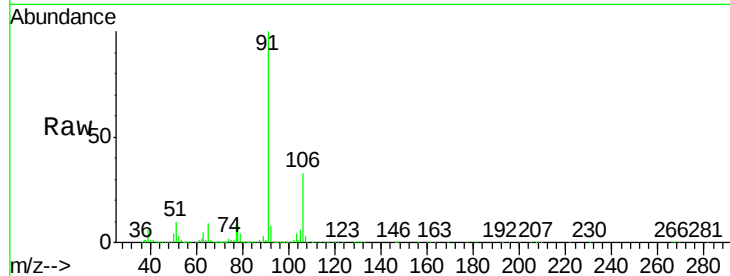
#67
Ethyl Benzene
Concen: 18.434 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion: 91 Resp: 516121
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.6

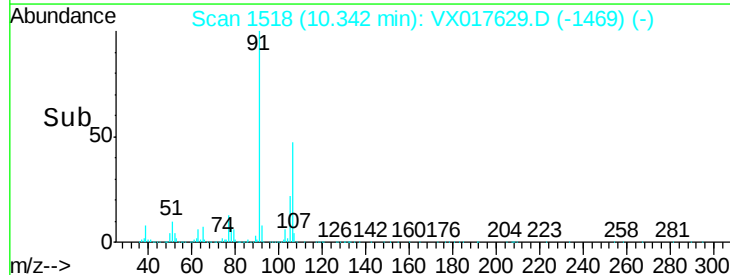
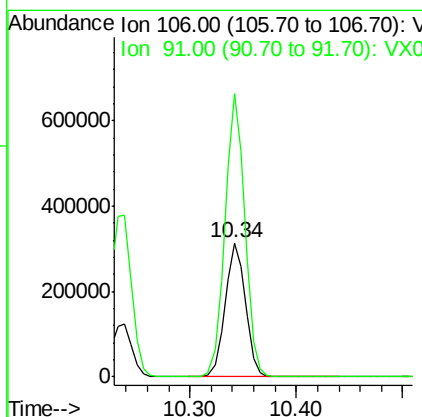
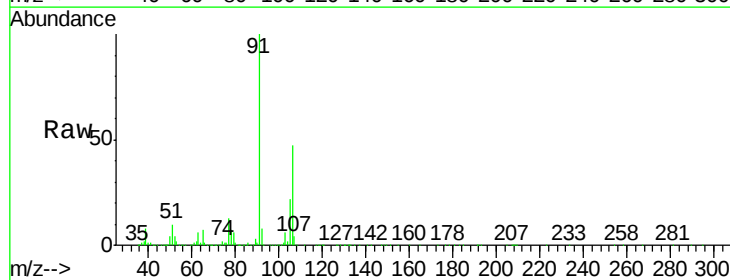
Manual Integrations
APPROVED

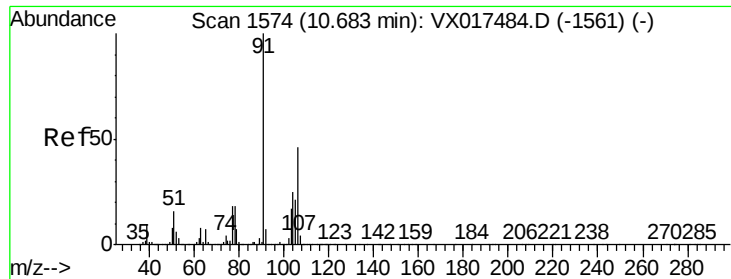
MMDadoda
7/28/2020 10:08:37 AM



#68
m/p-Xylenes
Concen: 38.669 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion: 106 Resp: 419417
Ion Ratio Lower Upper
106 100
91 206.1 160.9 241.3





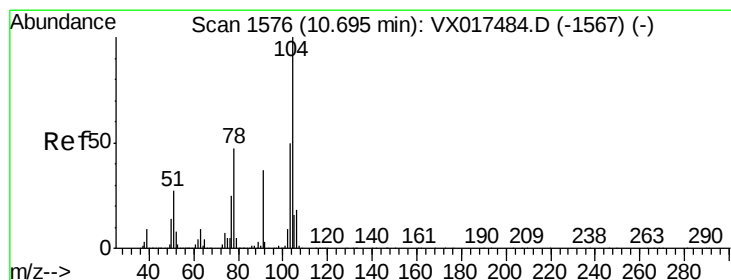
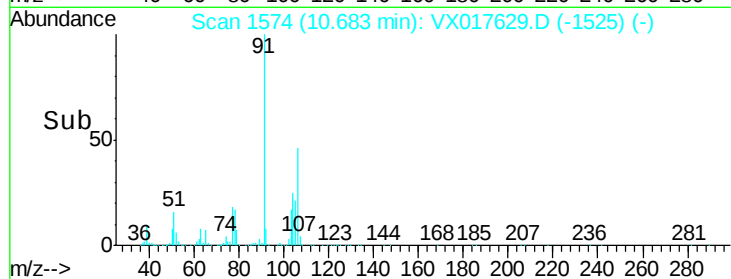
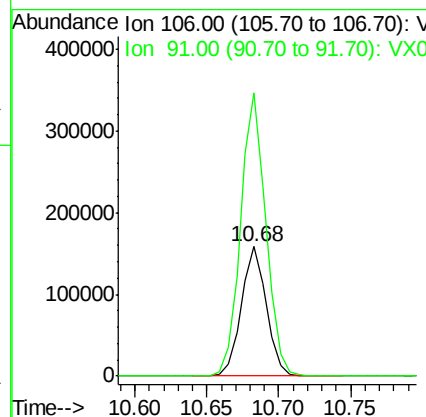
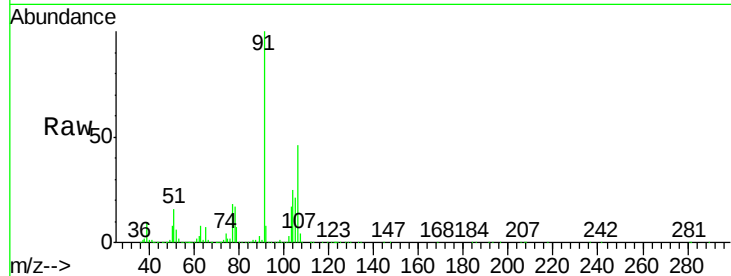
#69
o-Xylene
Concen: 18.418 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.2	108.2	324.6

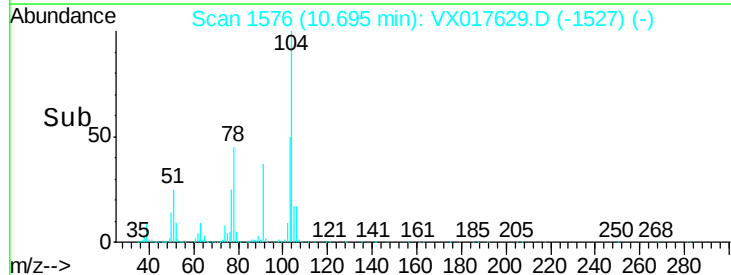
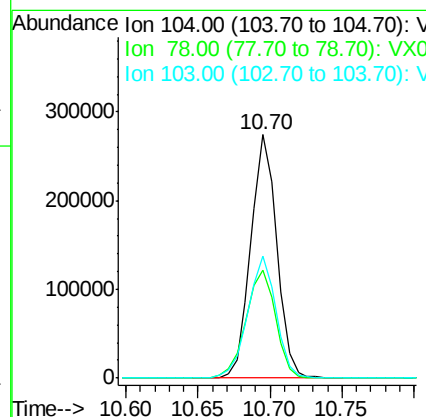
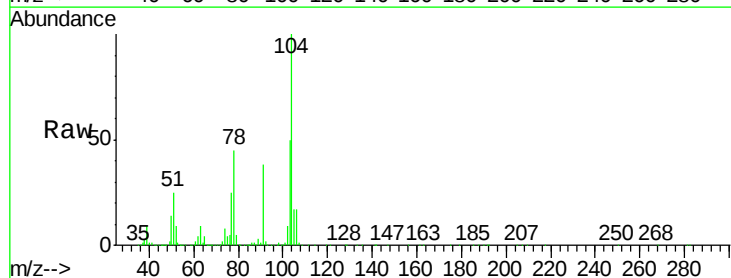
Manual Integrations
APPROVED

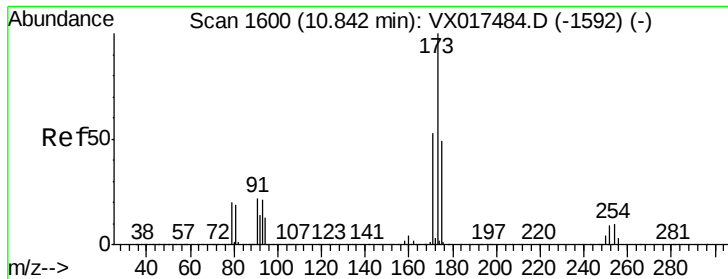
MMDadoda
7/28/2020 10:08:37 AM



#70
Styrene
Concen: 19.270 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.0	42.5	63.7
103	54.2	44.3	66.5





#71

Bromoform

Concen: 20.213 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

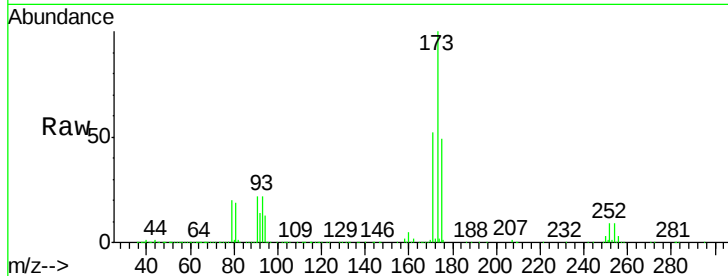
ClientSampleId :

VX0727WBS02

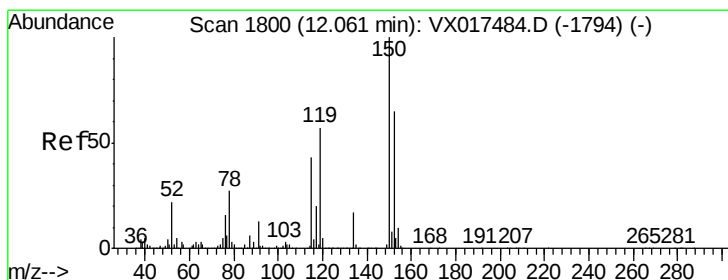
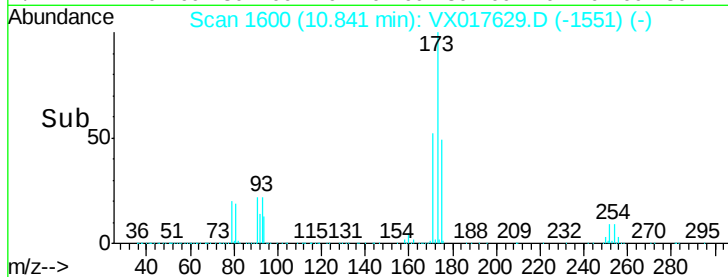
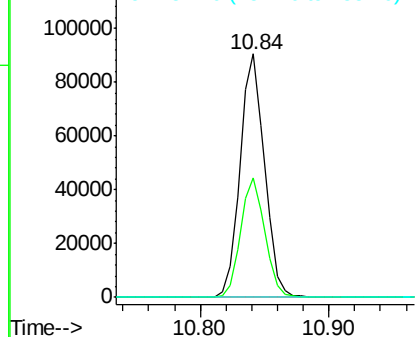
Tot Ion:	173	Resp:	118540
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.8	71.5
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 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

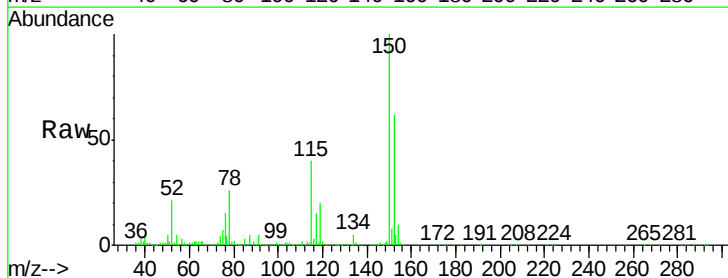
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

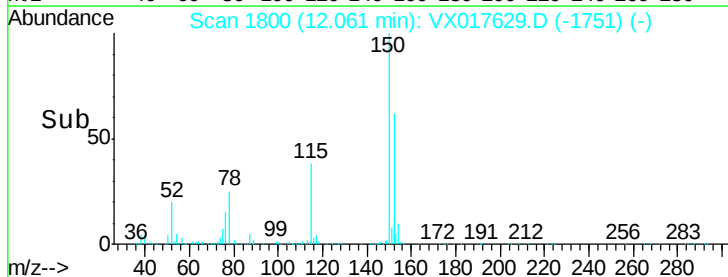
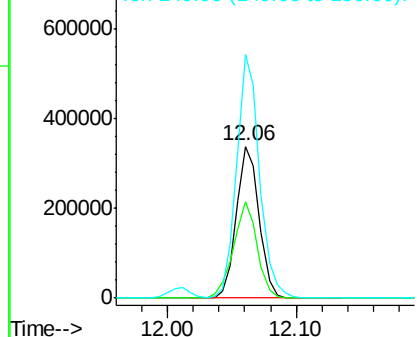
Lab File: VX017629.D

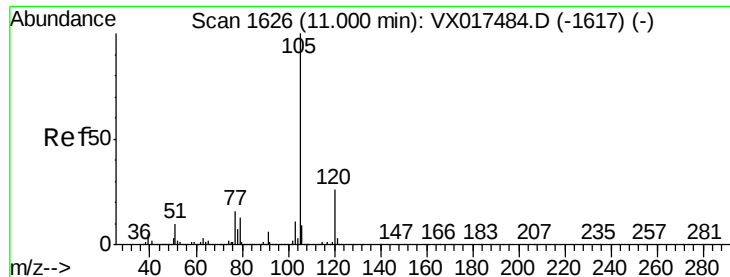
Acq: 27 Jul 2020 20:04

Tgt Ion:	152	Resp:	416723
Ion Ratio	Lower	Upper	
152	100		
115	66.3	65.5	196.6
150	161.9	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: 18.330 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion:105 Resp: 524024

Ion Ratio Lower Upper

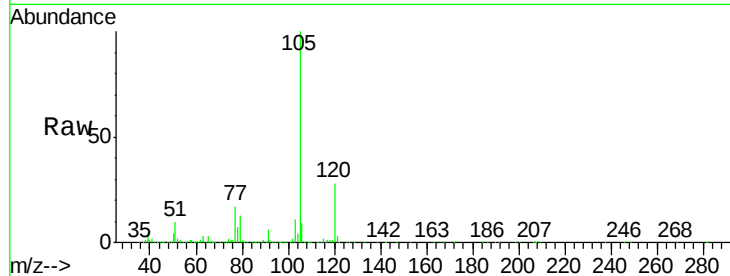
105 100

120 27.0 13.3 39.8

Manual Integrations
APPROVED

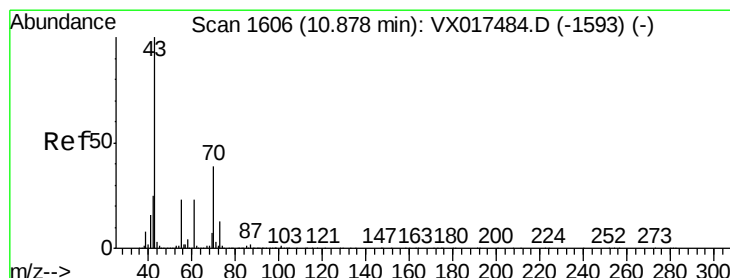
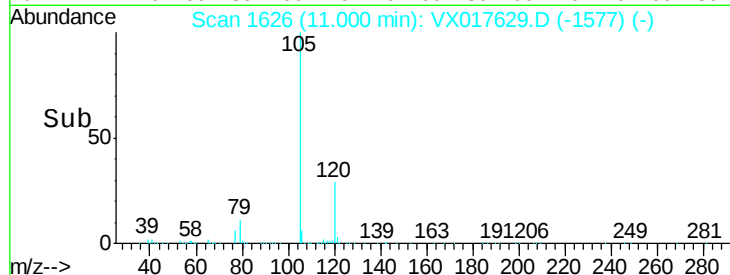
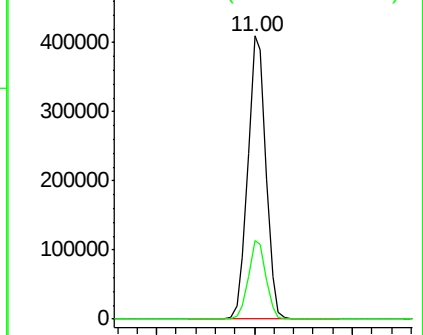
MMDadoda

7/28/2020 10:08:37 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: 19.393 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Tgt Ion: 43 Resp: 246332

Ion Ratio Lower Upper

43 100

70 39.8 32.3 48.5

55 24.3 18.4 27.6

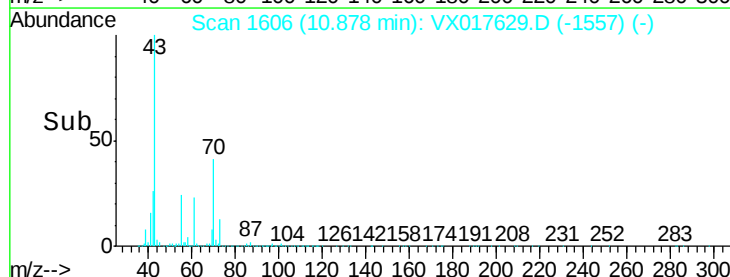
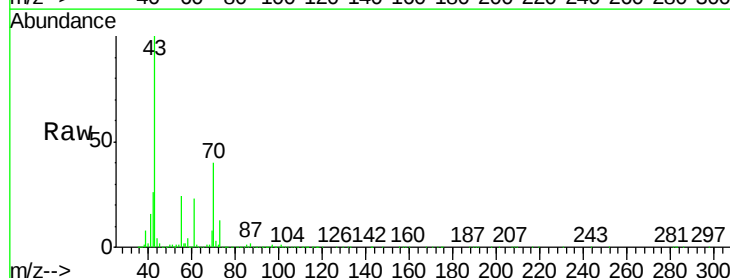
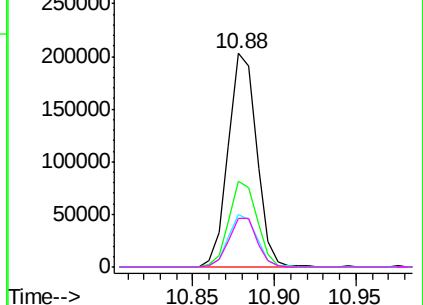
61 22.8 18.6 28.0

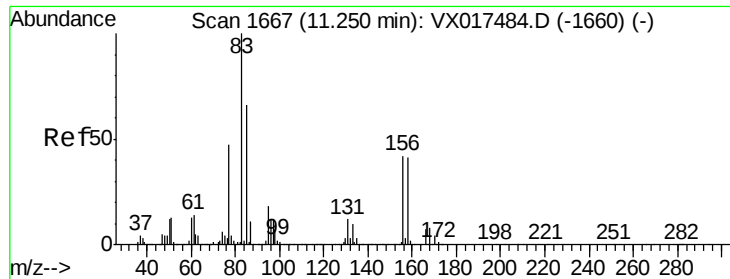
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.580 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

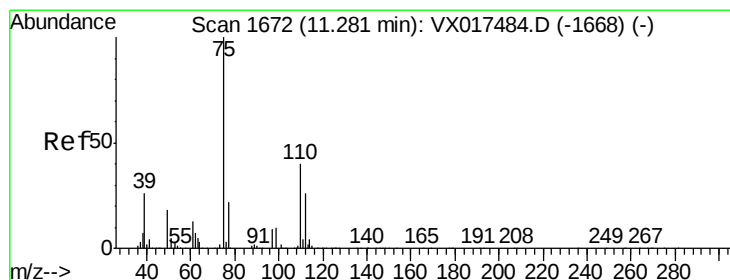
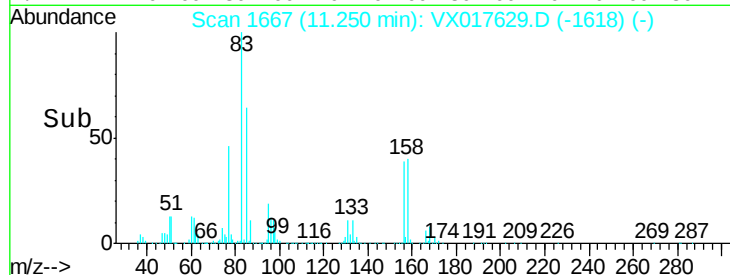
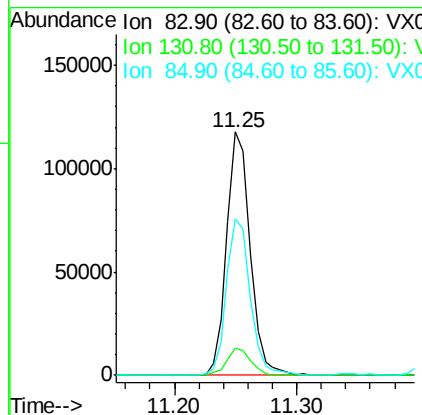
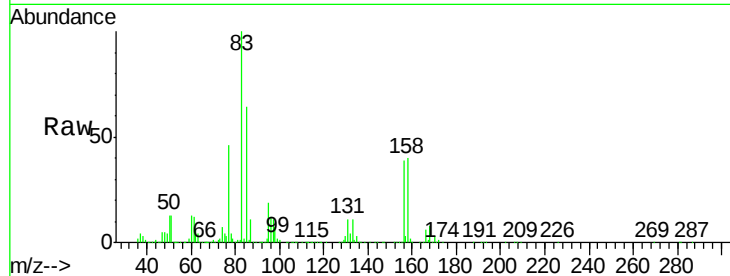
ClientSampleId :

VX0727WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.5
85	65.5	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 AM



#76

1,2,3-Trichloropropane

Concen: 18.800 ug/l m

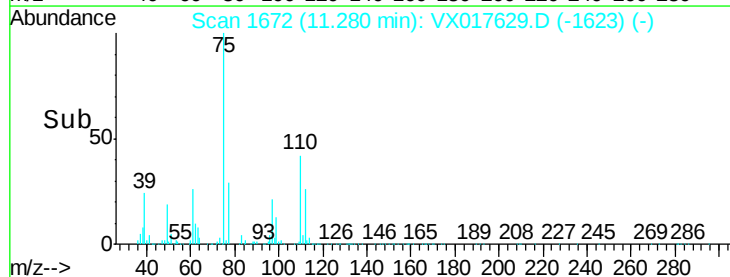
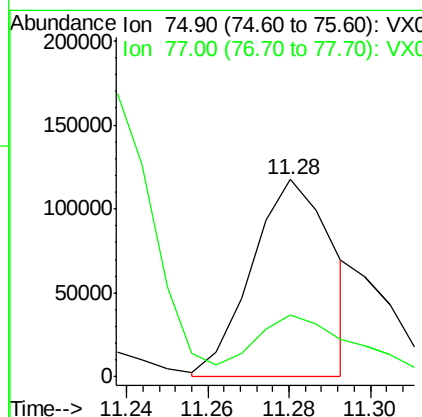
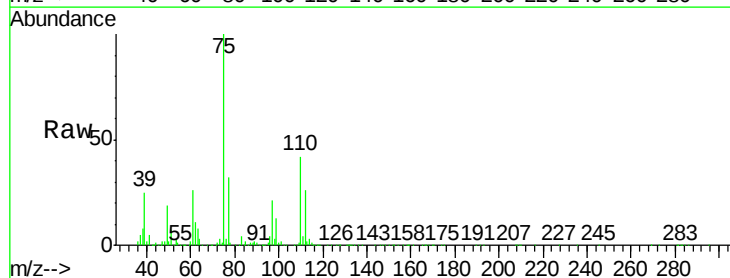
RT: 11.28 min Scan# 1672

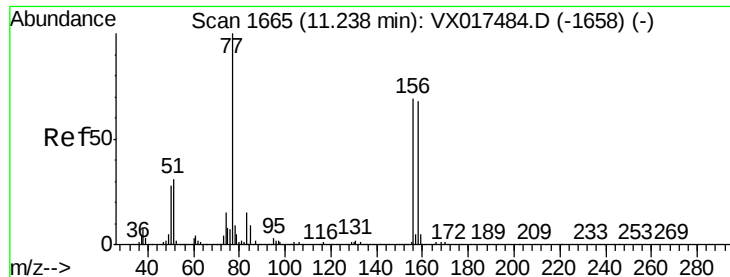
Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.9	21.8	65.3





#77

Bromobenzene

Concen: 18.318 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

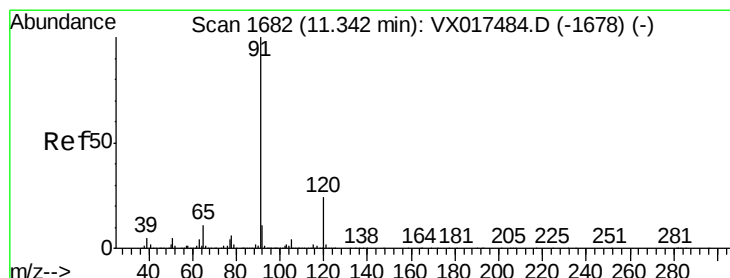
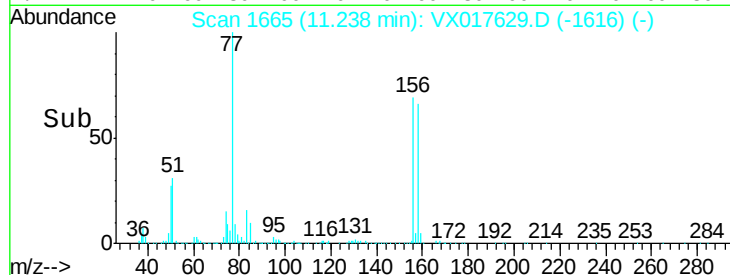
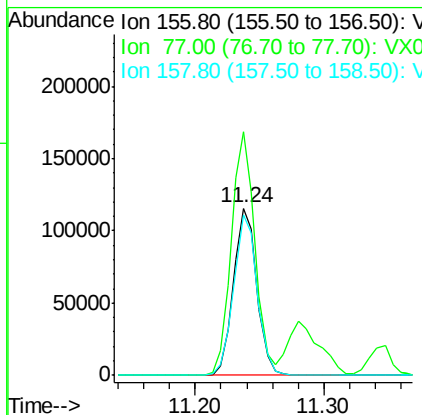
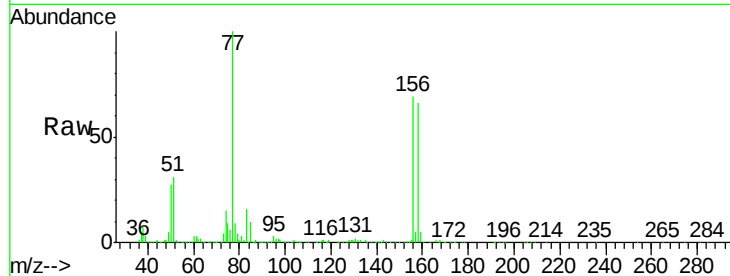
ClientSampleId :

VX0727WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.0	75.0	225.0
158	96.4	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 AM



#78

n-propylbenzene

Concen: 18.065 ug/l

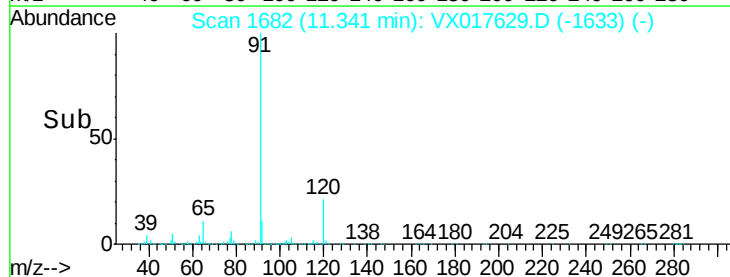
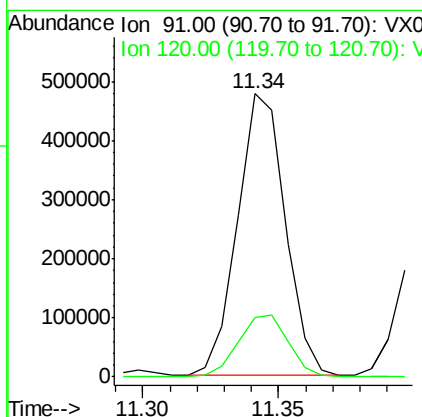
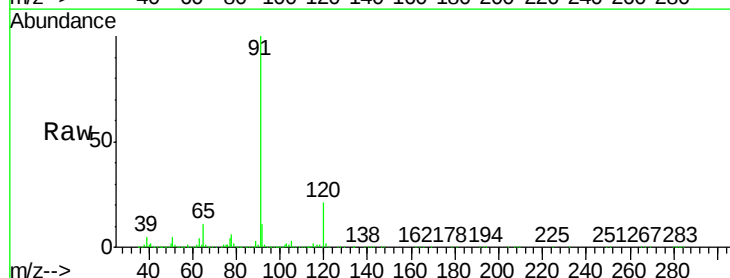
RT: 11.34 min Scan# 1682

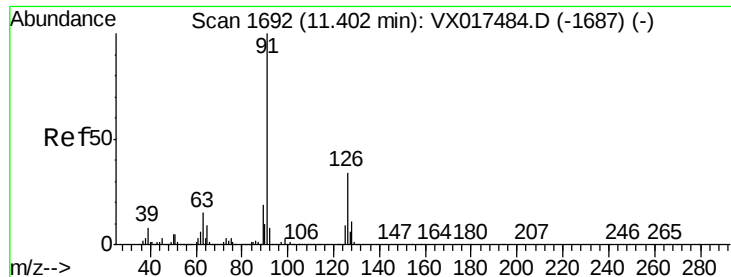
Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	12.2	36.4





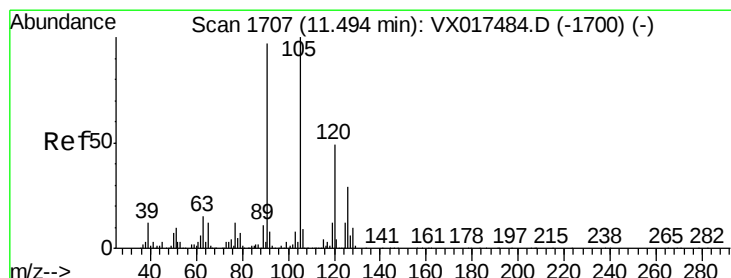
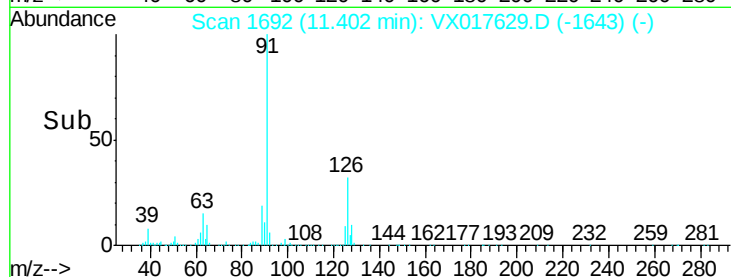
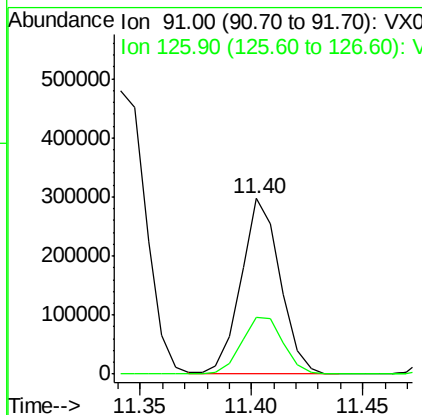
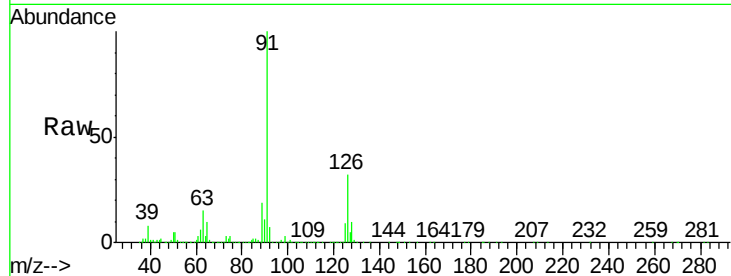
#79
 2-Chlorotoluene
 Concen: 18.120 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Tot Ion: 91 Resp: 361913
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.5 52.5

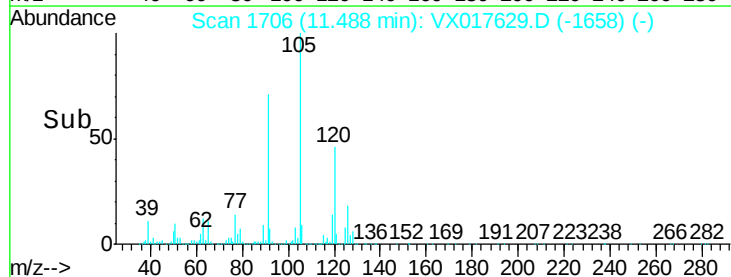
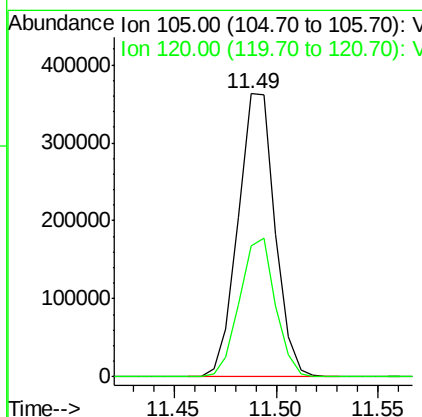
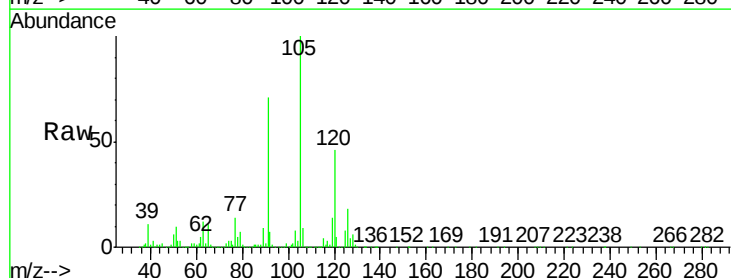
Manual Integrations
 APPROVED

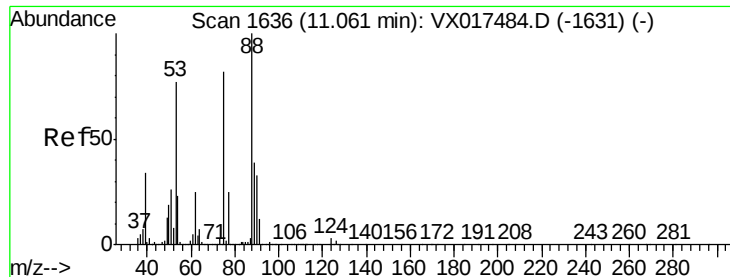
MMDadoda
 7/28/2020 10:08:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.639 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Tgt Ion: 105 Resp: 454962
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3





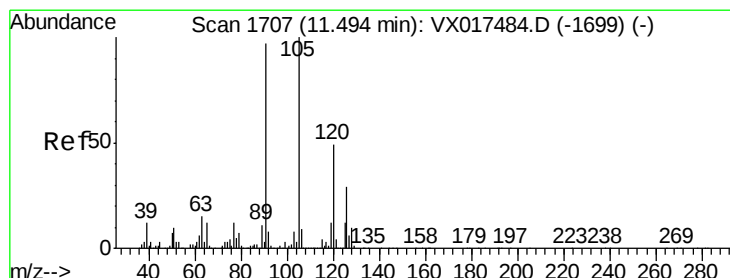
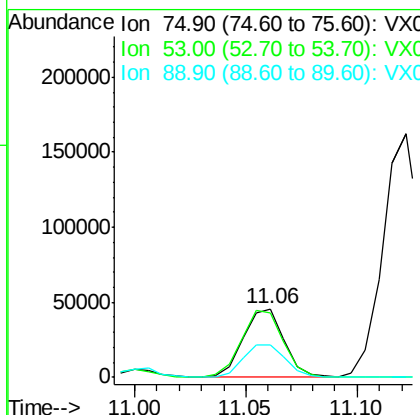
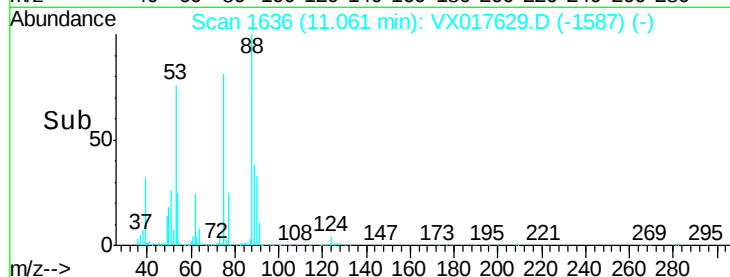
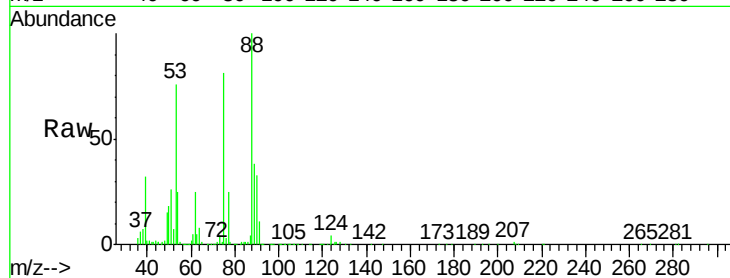
#81
trans-1,4-Dichloro-2-butene
Concen: 17.129 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.2	75.9	113.9
89	50.0	37.8	56.6

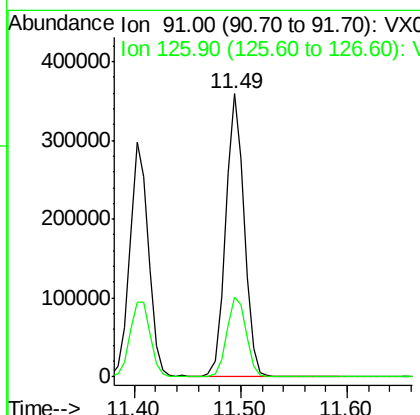
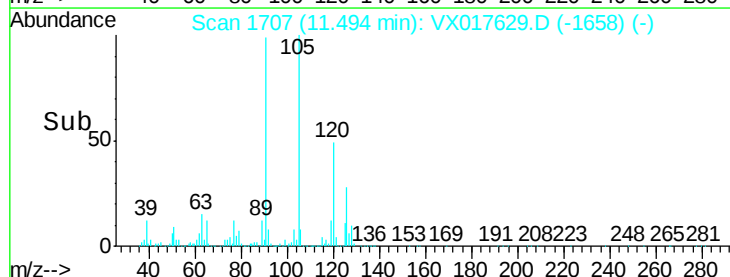
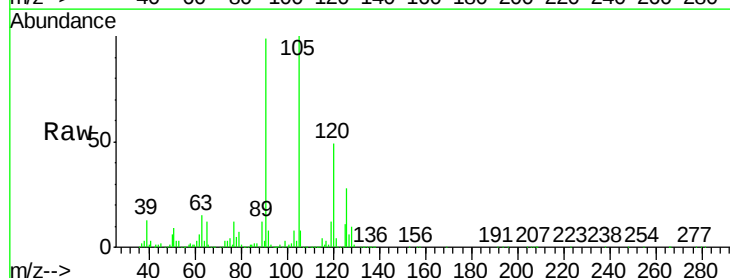
Manual Integrations
APPROVED

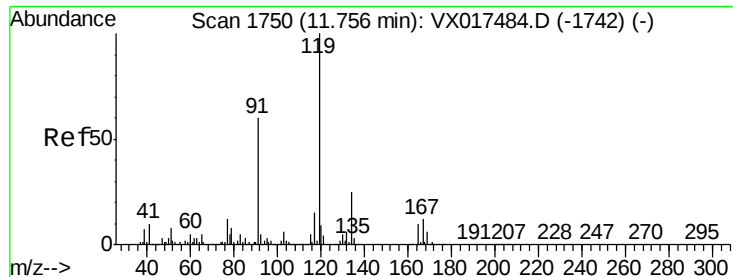
MMDadoda
7/28/2020 10:08:37 AM



#82
4-Chlorotoluene
Concen: 18.479 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.2	45.6





#83

tert-Butylbenzene

Concen: 20.431 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

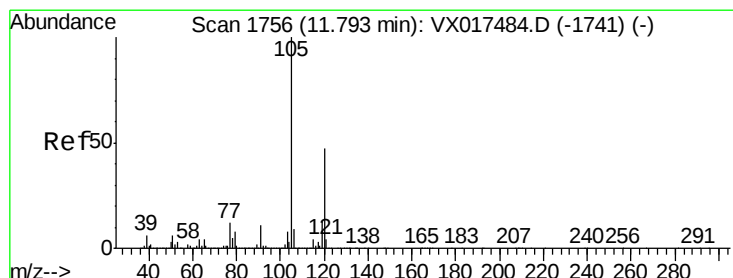
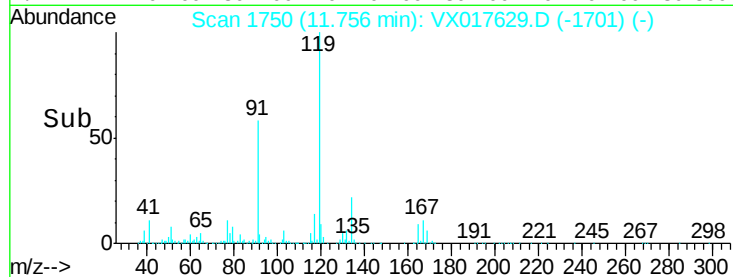
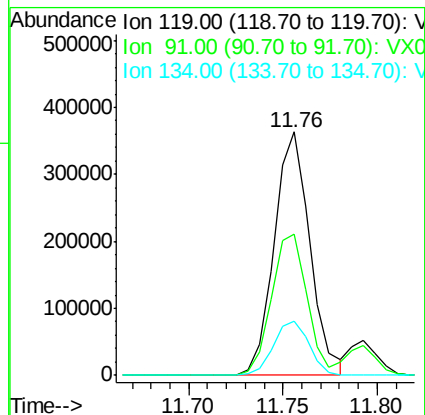
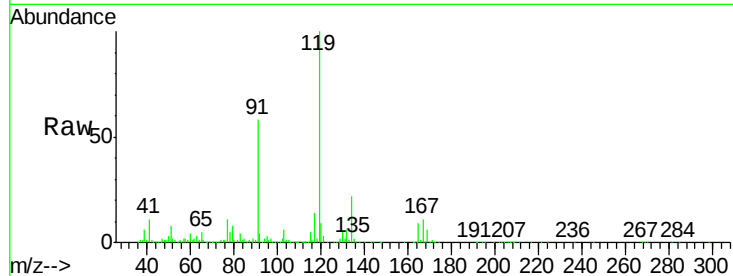
ClientSampleId :

VX0727WBS02

Tot Ion:	119	Resp:	477182
Ion Ratio	Lower	Upper	
119	100		
91	57.4	29.3	88.0
134	22.2	11.2	33.6

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.492 ug/l

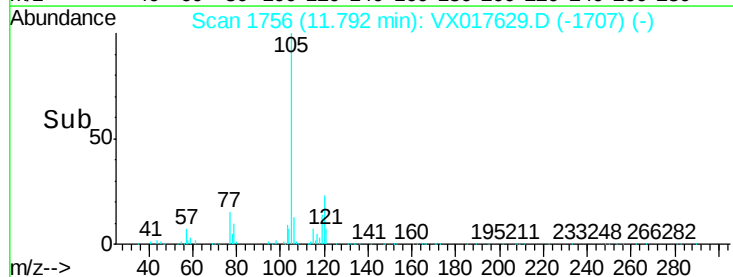
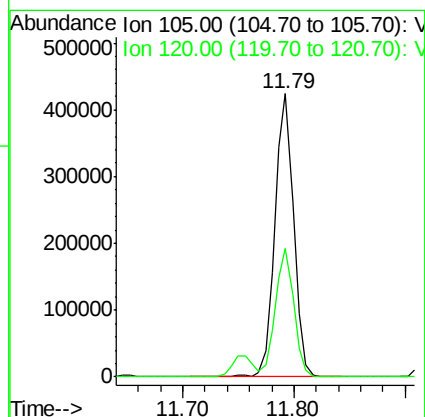
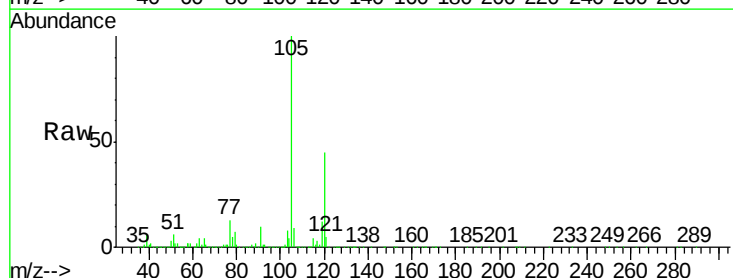
RT: 11.79 min Scan# 1756

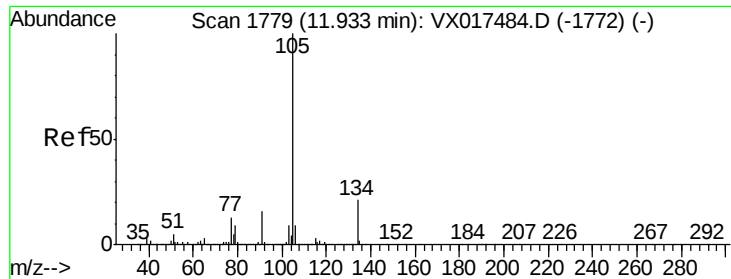
Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Tgt Ion:	105	Resp:	497499
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.7	68.0





#85

sec-Butylbenzene

Concen: 18.678 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS02

Tot Ion:105 Resp: 508194

Ion Ratio Lower Upper

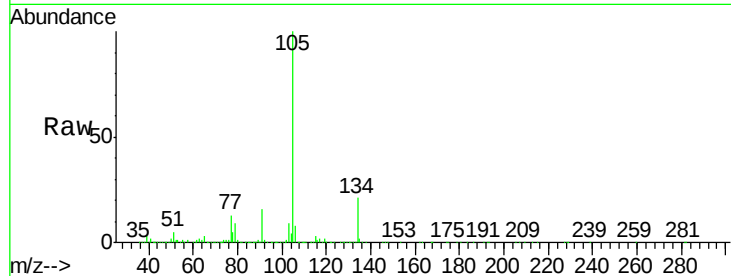
105 100

134 20.9 10.4 31.2

Manual Integrations
APPROVED

MMDadoda

7/28/2020 10:08:37 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

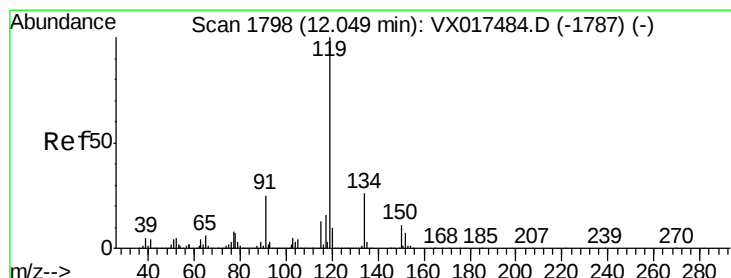
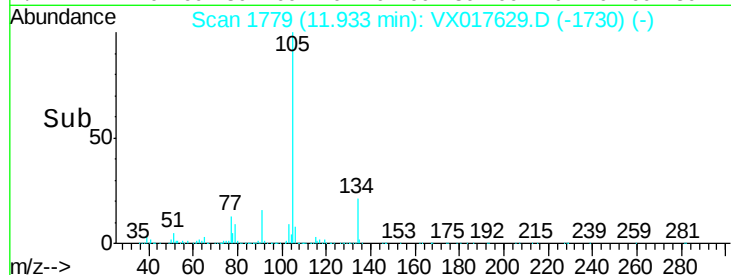
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.472 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017629.D

Acq: 27 Jul 2020 20:04

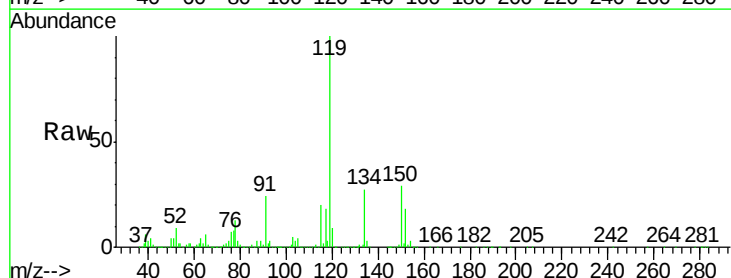
Tgt Ion:119 Resp: 478601

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.2 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

500000

400000

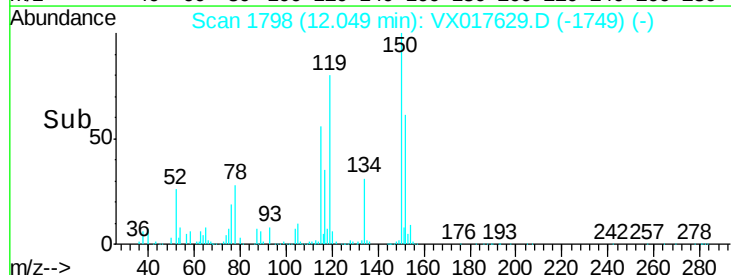
300000

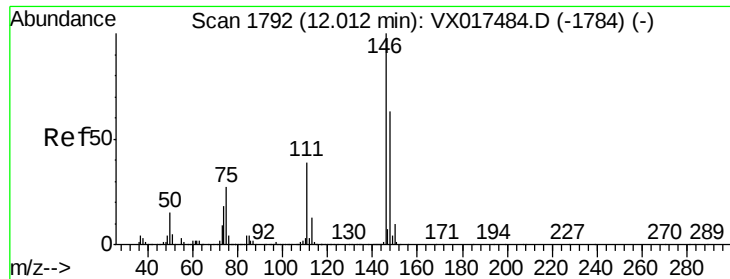
200000

100000

0

Time-->





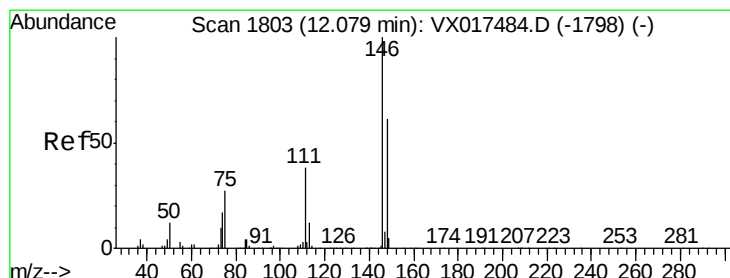
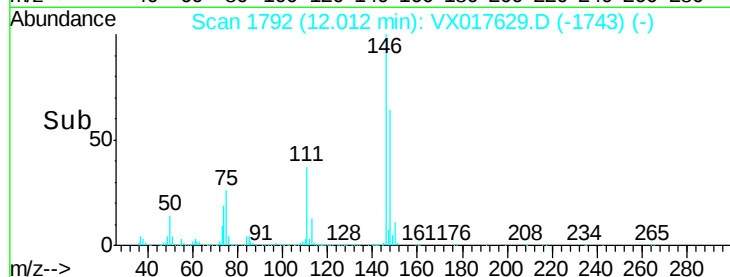
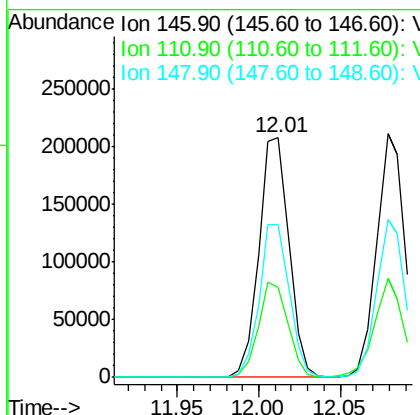
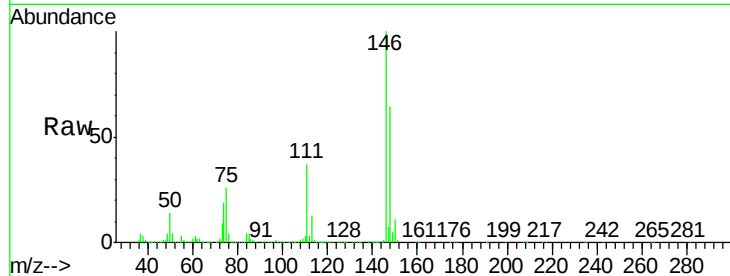
#87
 1,3-Dichlorobenzene
 Concen: 19.400 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.9	59.7
148	64.0	31.6	95.0

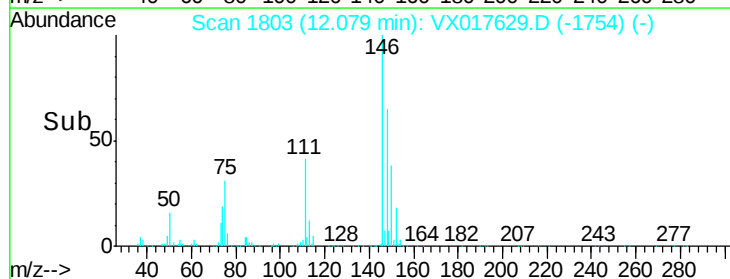
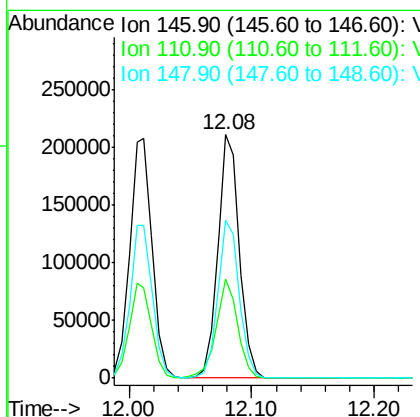
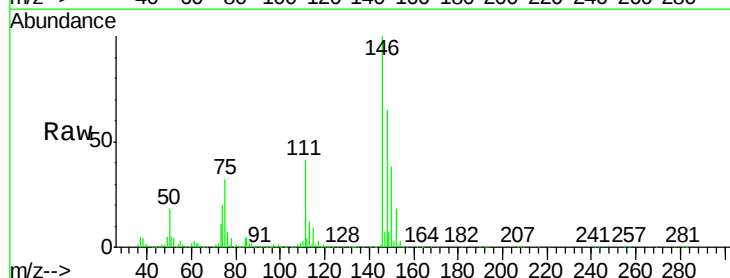
Manual Integrations
 APPROVED

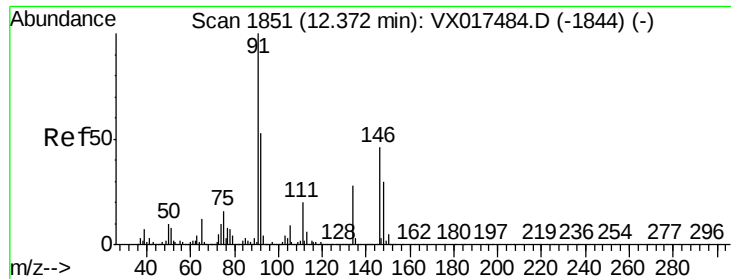
MMDadoda
 7/28/2020 10:08:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.108 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.3	57.8
148	65.4	32.2	96.6





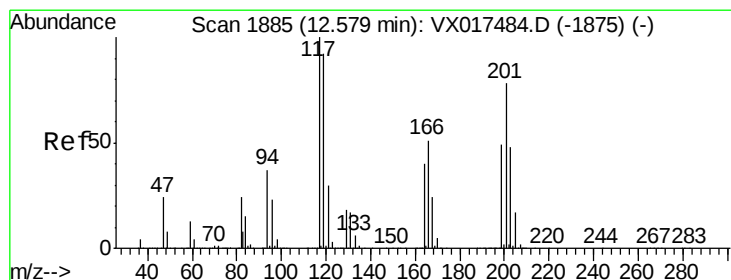
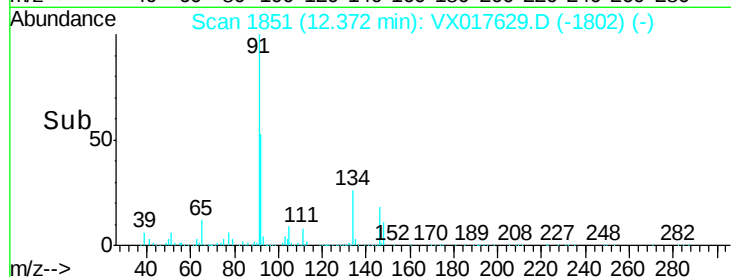
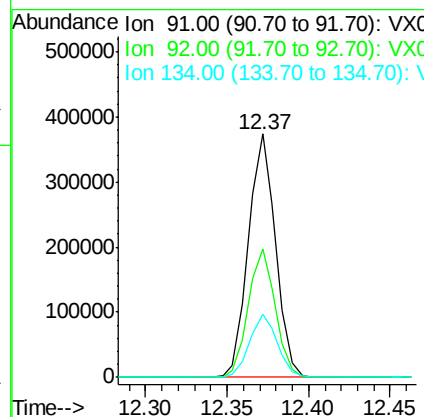
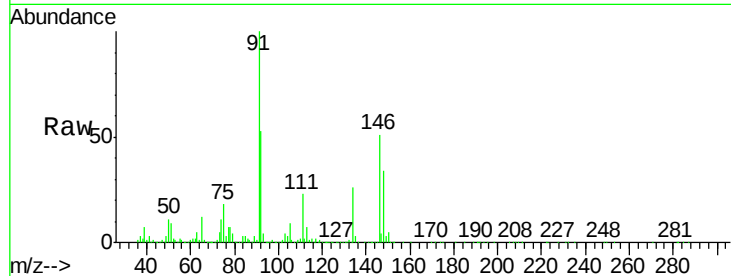
#89
n-Butylbenzene
Concen: 18.792 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.1
134	26.3	13.6	40.7

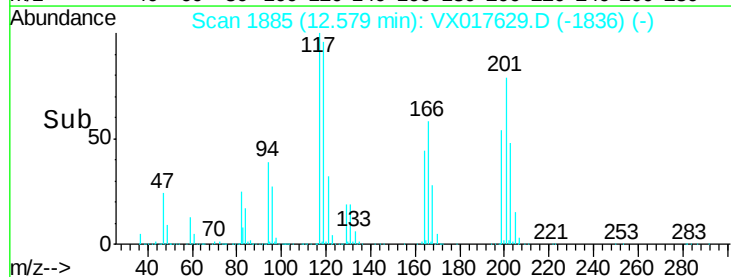
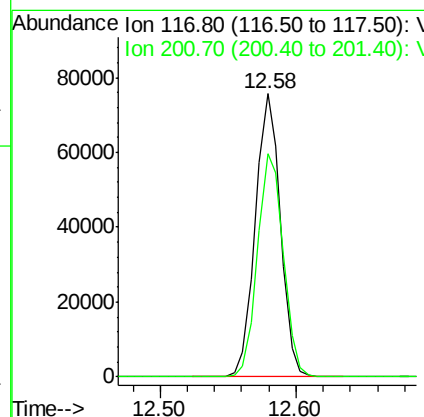
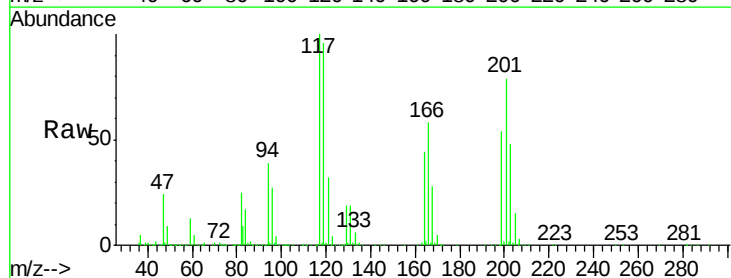
Manual Integrations
APPROVED

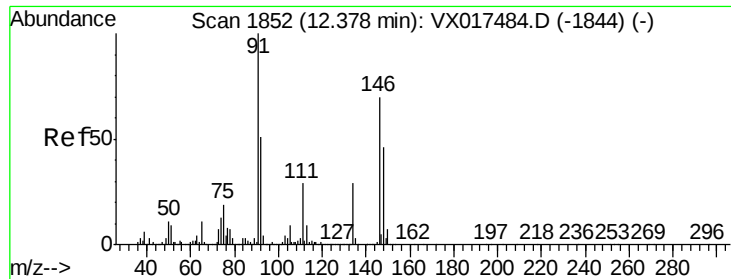
MMDadoda
7/28/2020 10:08:37 AM



#90
Hexachloroethane
Concen: 19.218 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.1	42.2	126.6





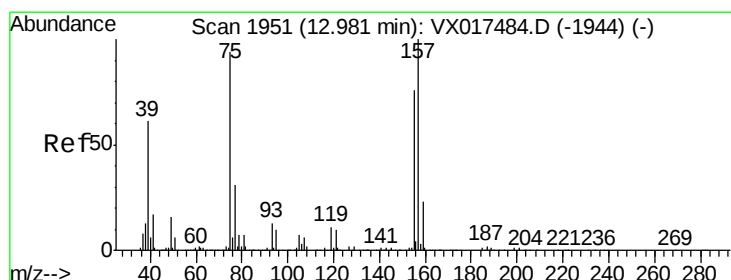
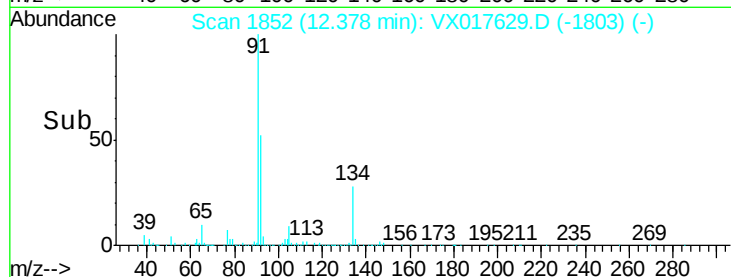
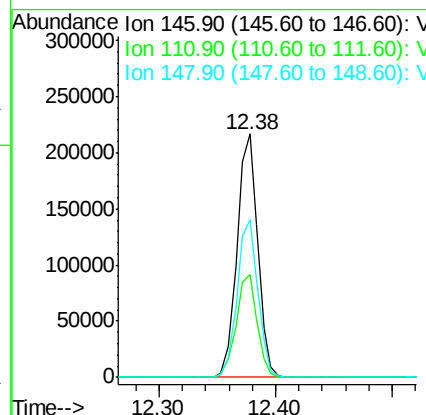
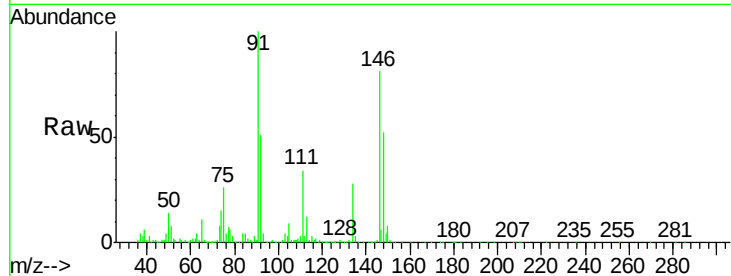
#91
 1,2-Dichlorobenzene
 Concen: 19.860 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	268256		
111	42.5	20.9	62.8	
148	65.3	32.8	98.4	

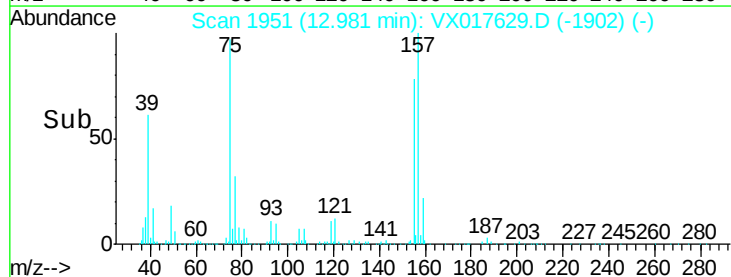
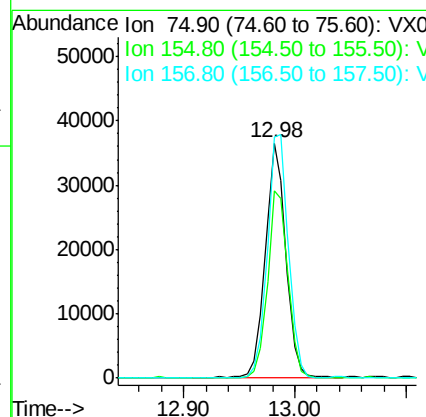
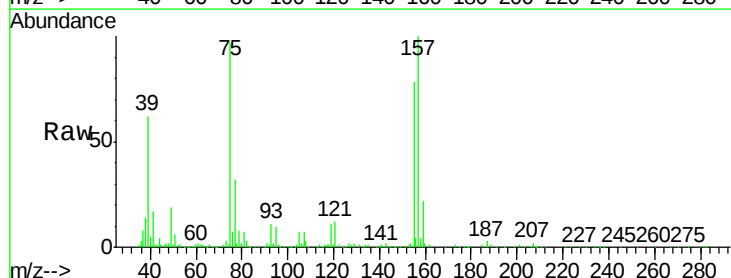
Manual Integrations
 APPROVED

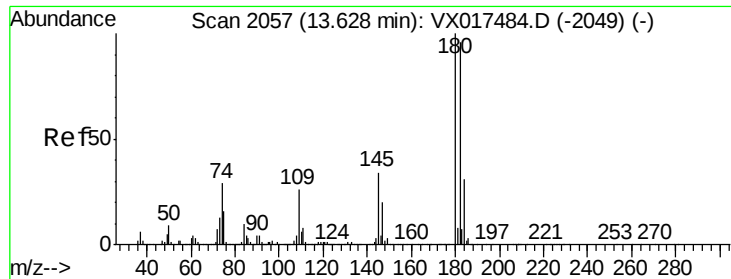
MMDadoda
 7/28/2020 10:08:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.468 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47603		
155	78.8	42.3	126.8	
157	105.6	54.3	162.9	





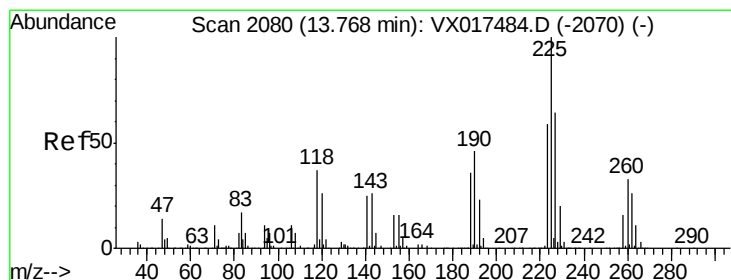
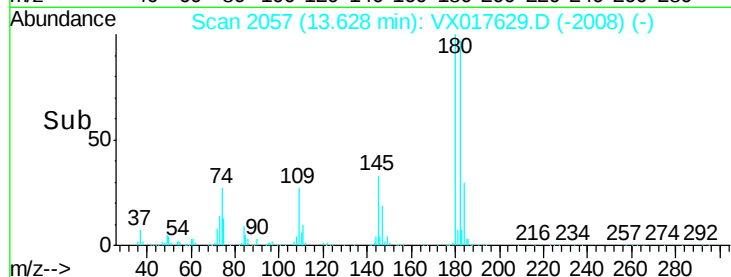
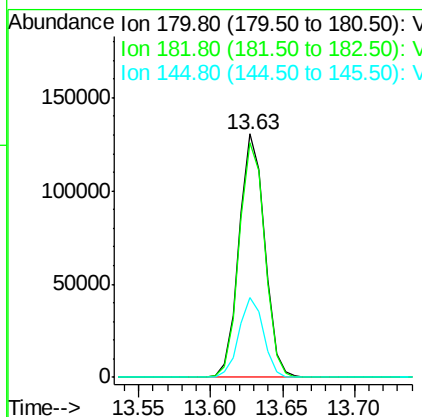
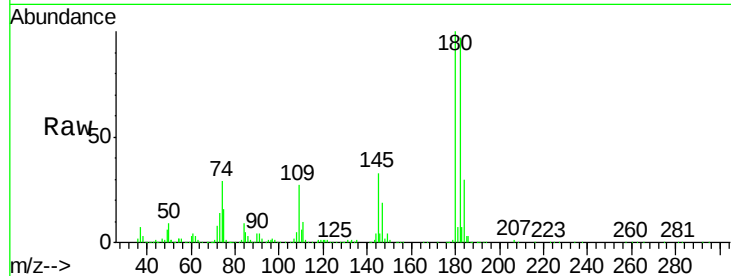
#93
 1,2,4-Trichlorobenzene
 Concen: 17.501 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	161334		
182	96.5	47.5	142.6	
145	31.7	15.4	46.4	

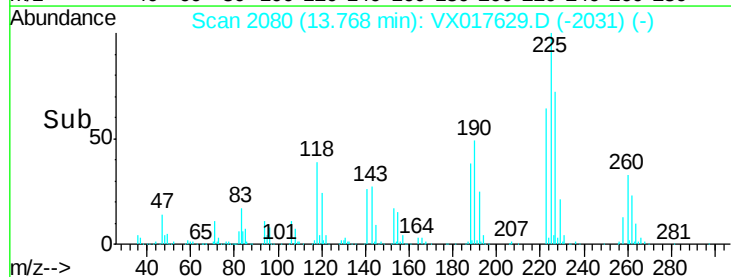
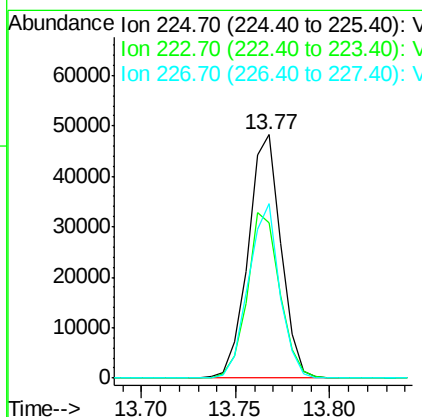
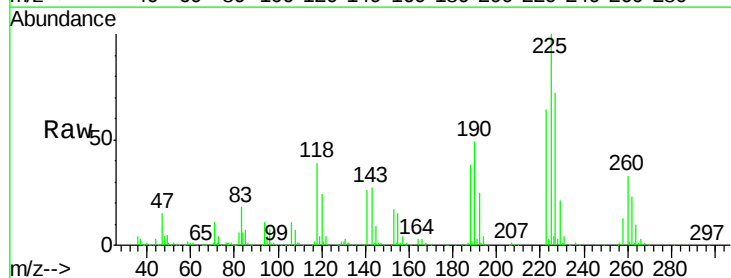
Manual Integrations
 APPROVED

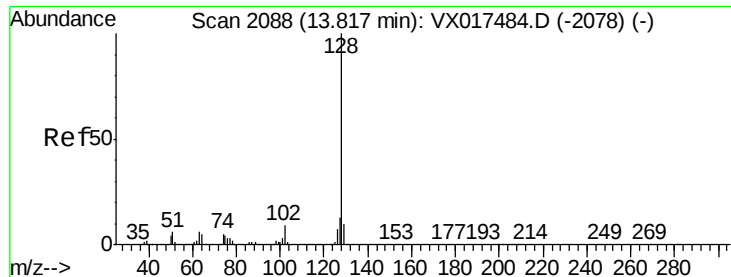
MMDadoda
 7/28/2020 10:08:37 AM



#94
 Hexachlorobutadiene
 Concen: 13.734 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017629.D
 Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58279		
223	67.5	30.3	90.9	
227	67.8	31.1	93.2	





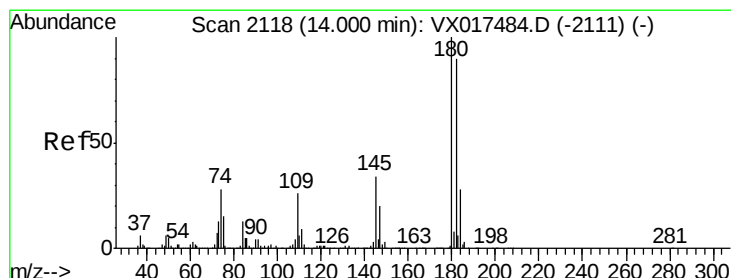
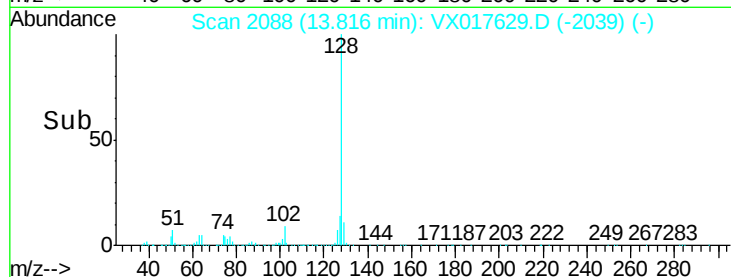
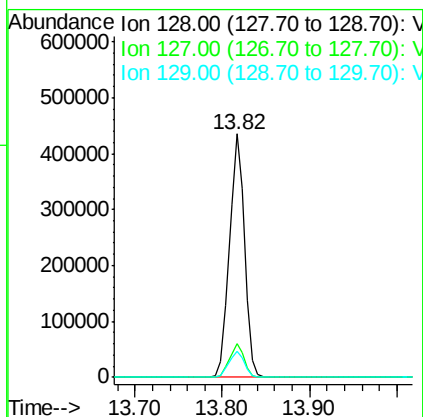
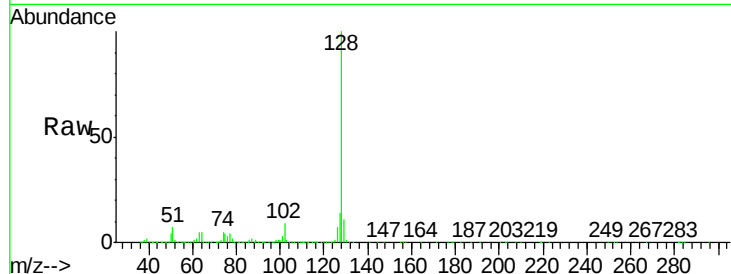
#95
Naphthalene
Concen: 18.935 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:08:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.630 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017629.D
Acq: 27 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.4	142.3
145	33.1	16.3	48.9

